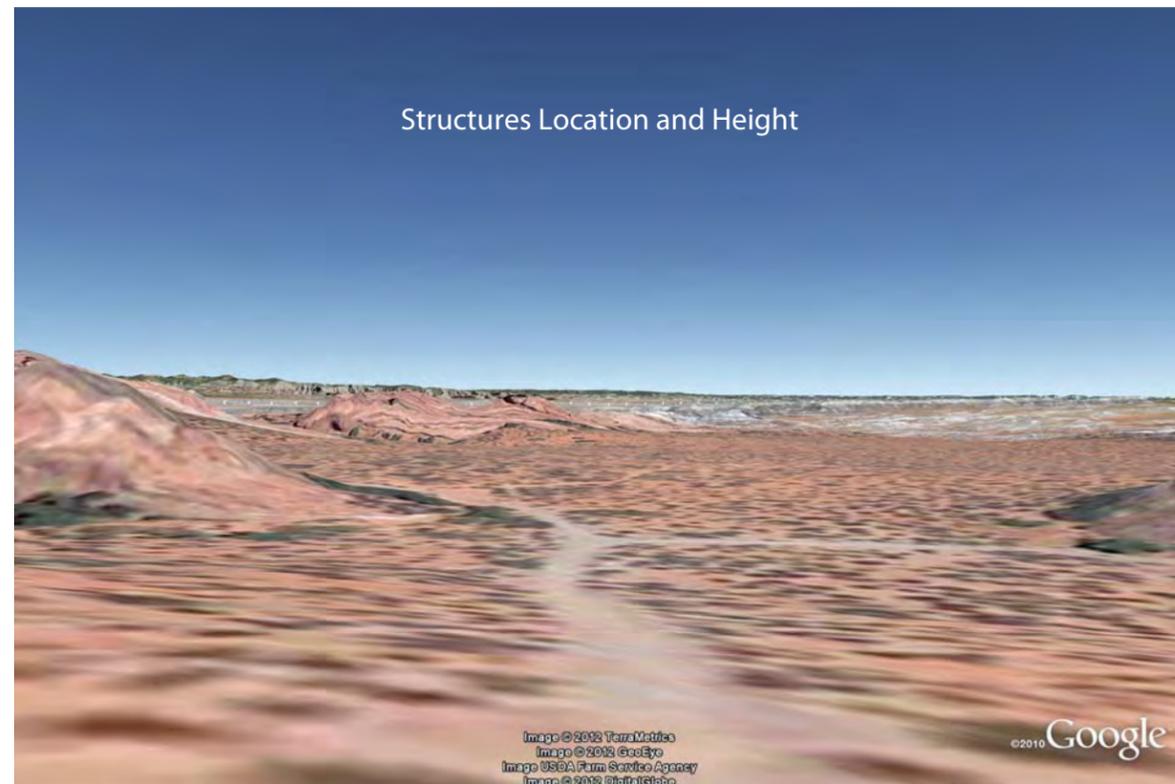


KOP Figures



KOP Photograph



Structures Location and Height

Image © 2012 TerraMetrics
Image © 2012 GeoEye
Image USGS Aerial Services Agency
Image © 2012 DigitalGlobe

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Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 07/26/2011

District Moab FO

Resource Area _____

Activity (program) _____

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Arches NP</u> <u>Landscape Arch Tr.</u> <u>Township 23S</u> <u>Range 21E</u> <u>Section 27</u>	5. Location Sketch Please see Figure 3.12-2
2. Key Observation Point ANP-2		
3. VRM Class Private		

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Red rock formations. Planar ridgeline. Irregular and rounded background mesas.	Scattered clumps of trees, grasses and forbs.	Foreground trail.
LINE	Irregular ridgeline.	Irregular edges of trees, shrubs and grasses.	Curvilinear.
COLOR	Red rocks. Light to medium light to medium red, brown and grey rock and soil.	Light tan to medium and dark olive greens and browns.	Light to medium reddish tan.
TEXTURE	Smooth rock to coarse landforms.	Smooth, moderate and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form													x	Evaluator's Names M. Paulson Date 07/22/2011
Line													x	
Color													x	
Texture													x	

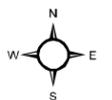
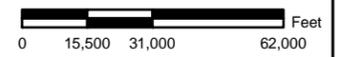
Rationale:
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



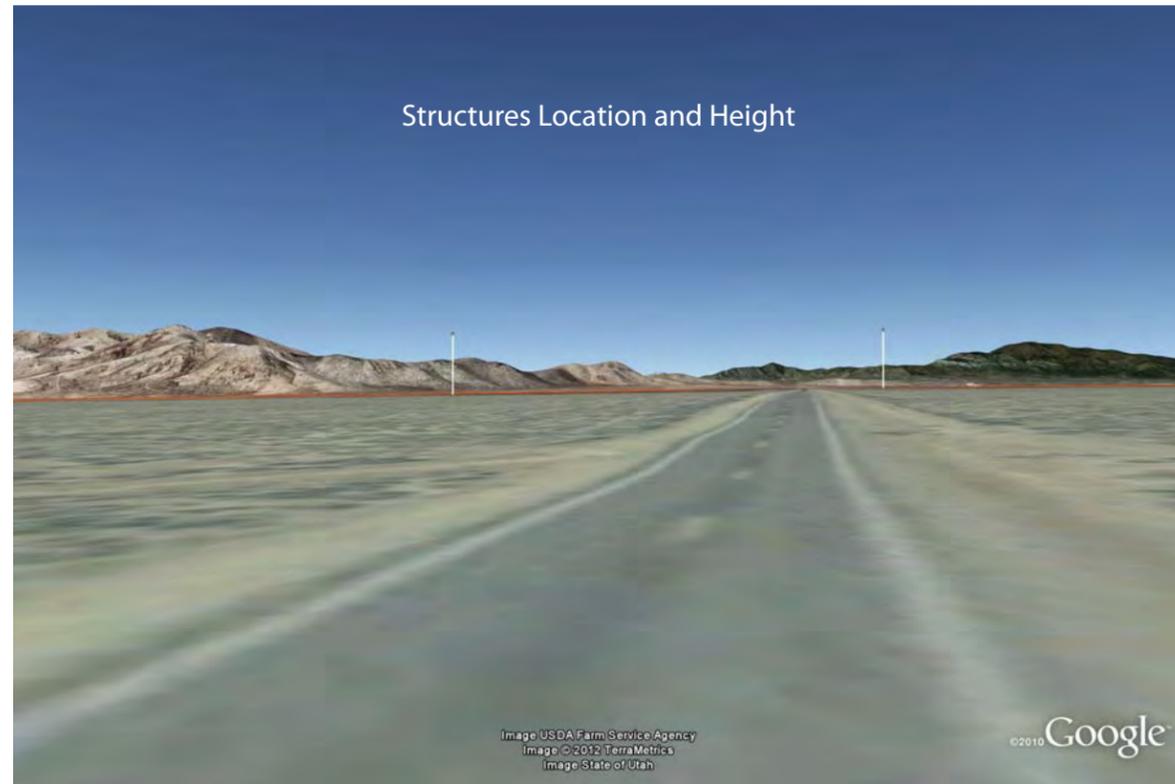
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP ANP-2
Arches National Park
Landscape Arch Trail
(Segment 1220)





KOP Photograph



Structures Location and Height

Image USDA Farm Service Agency
Image © 2012 TerraMetrics
Image State of Utah
©2010 Google

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 08/19/2011

District Cedar City FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Utah SH 21</u> <u>(WB)</u> Township <u>T28S</u> Range <u>11W</u> Section <u>2</u>	5. Location Sketch Please see Figure 3.12-3
--------------------------------------	--	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular mountains and wide valley floor.	Planar blanket of sagebrush and grasses.	Planar roadway lanes. Pyramidal steel lattice T-line.
LINE	Horizontal valley and angular ridgelines.	Irregular sagebrush and grass patterns.	Vertical T-lines, utility poles and fence posts. Curvilinear conductors.
COLOR	Light to medium reddish tan.	Light to medium silvery green sagebrush and light tan grasses.	Light to medium grey and brown T-lines and fence posts.
TEXTURE	Smooth landforms.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)			
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)		
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None				
Elements	Form												X			Evaluator's Names M. Paulson Date 08/19/2011
	Line												X			
	Color												X			
	Texture												X			

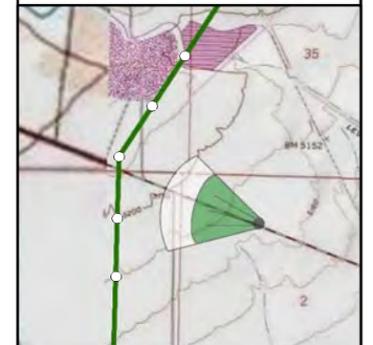
Rationale:

The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



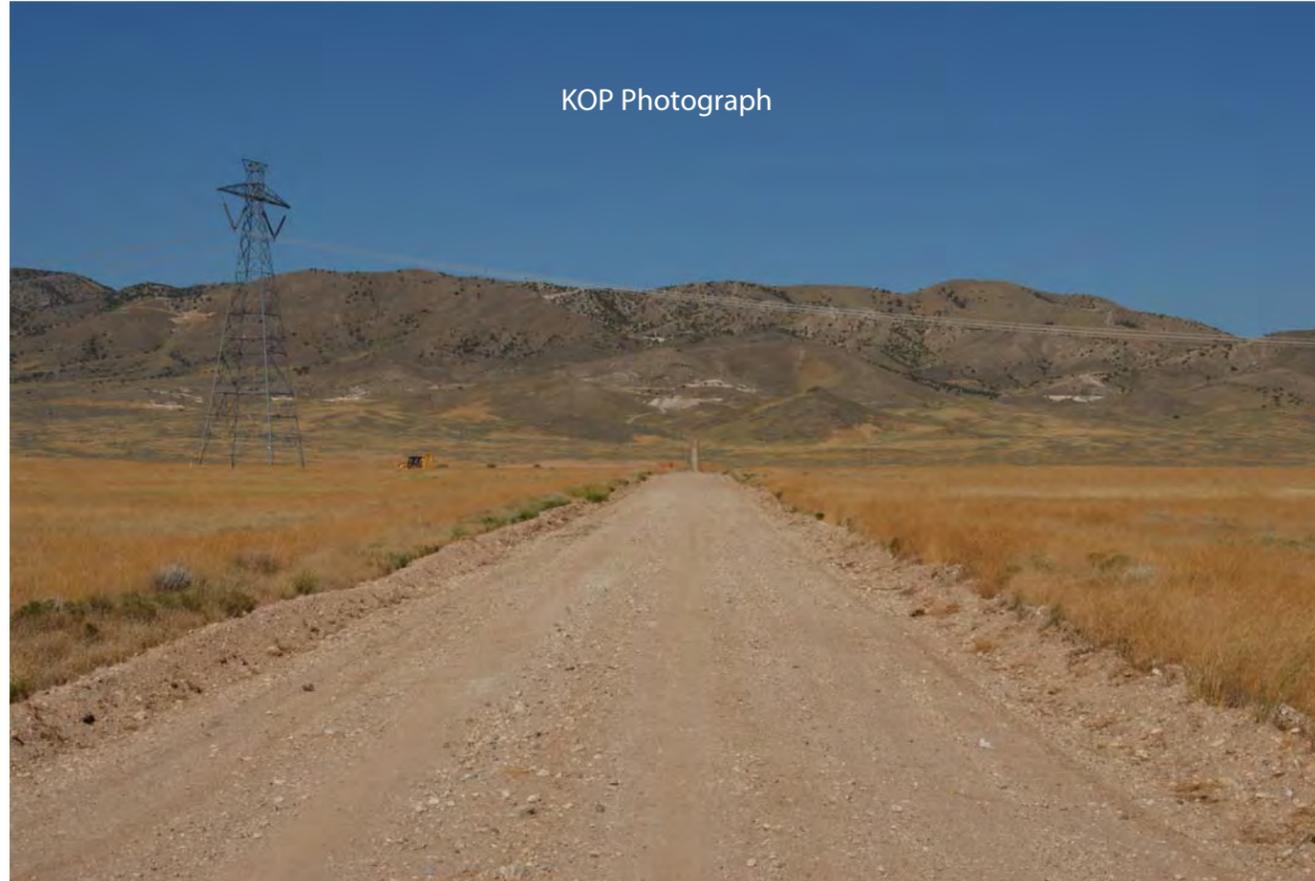
KOP Location



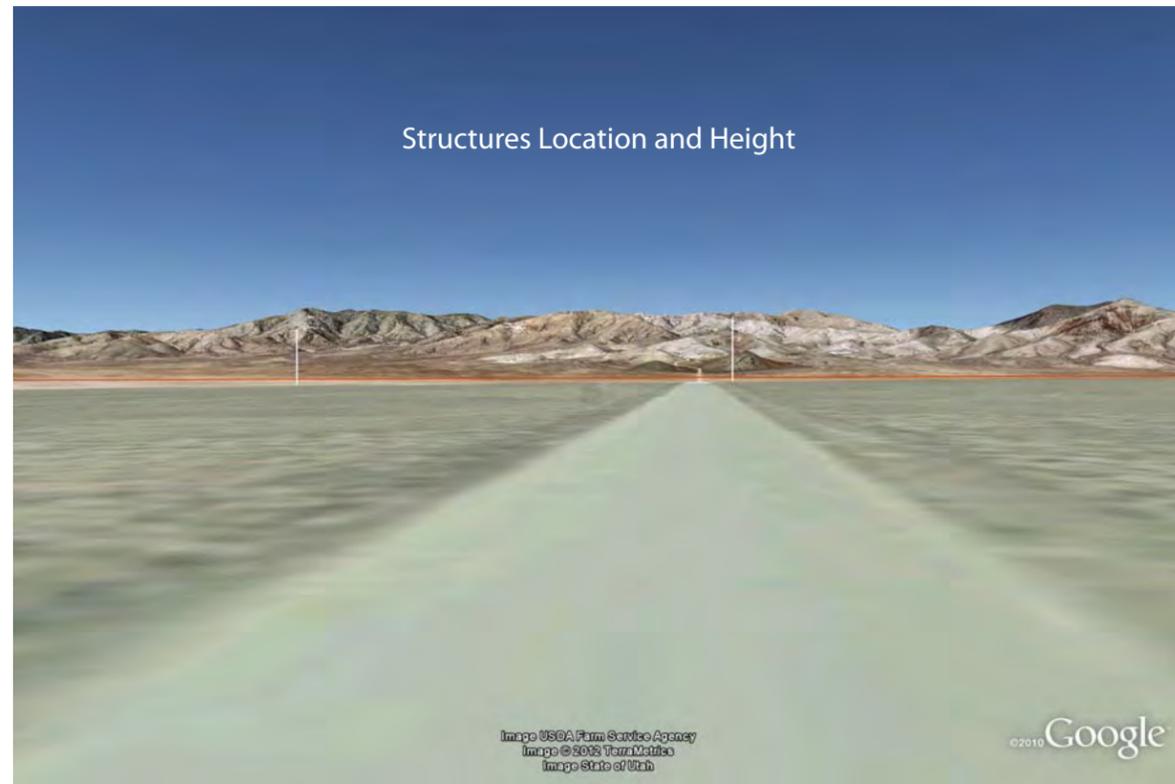
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP CC-1
Utah State Highway 21
(westbound)
(Segment 1480)





KOP Photograph



Structures Location and Height

Image USGS Farm Service Agency
Image © 2010 TerraMetrics
Image State of Utah

©2010 Google

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 08/19/2011

District Cedar City FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Milford Recreation Rd. (WB)</u> <u>Township 28S</u> <u>Range 11W</u> <u>Section 11</u>	5. Location Sketch Please see Figure 3.12-3
2. Key Observation Point CC-2		
3. VRM Class IV (VRI Class IV)		

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular mountains and wide valley floor.	Planar blanket of grasses with scattered clumps of sagebrush.	Planar roadway. Pyramidal steel lattice T-line.
LINE	Horizontal valley and angular ridgelines.	Irregular grass patterns.	Vertical T-line and curvilinear conductors.
COLOR	Light to medium reddish tan.	Light to medium silvery green sagebrush and light tan grasses.	Light, medium and dark grey T-line.
TEXTURE	Smooth landforms.	Smooth, medium, and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

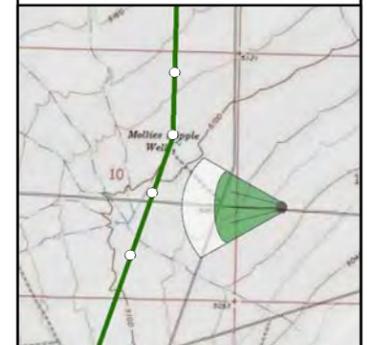
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form													Evaluator's Names M. Paulson	Date 08/19/2011
Line											X			
Color											X			
Texture												X		

Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



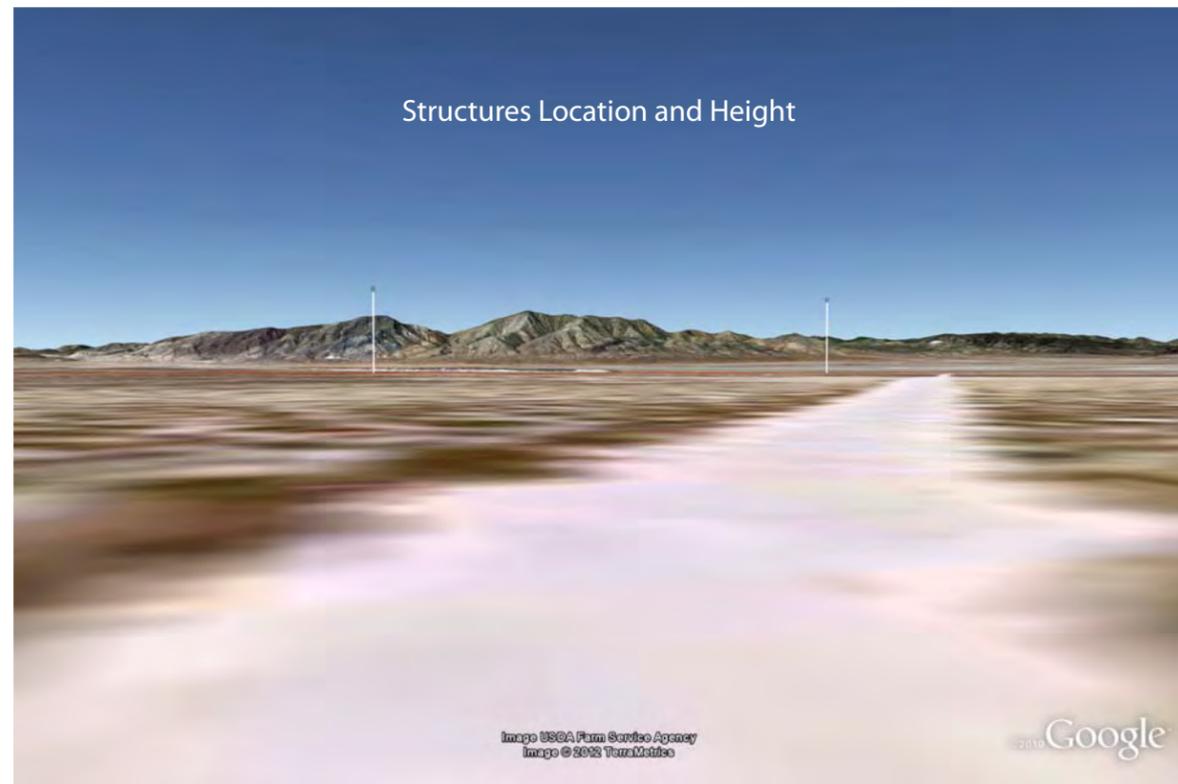
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP CC-2
Milford Recreation Road
(westbound)
(Segment 1480)





KOP Photograph



Structures Location and Height

Image USGS Farm Service Agency
Image © 2012 TerraMetrics

2010 Google

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 08/19/2011

District Cedar City FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Milford Recreation Rd. (WB)</u> <u>Township_30S</u> <u>Range 12W</u> <u>Section_31</u>	5. Location Sketch Please see Figure 3.12-3
2. Key Observation Point CC-3		
3. VRM Class IV		

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular mountains and wide valley floor.	Planar blanket of sagebrush with scattered clumps of grasses.	Planar roadway. Pyramidal steel lattice T-line. Low-lying agricultural buildings
LINE	Horizontal valley and angular ridgelines.	Irregular sagebrush and grass patterns.	Vertical T-line and curvilinear conductors.
COLOR	Light to medium reddish tan.	Light to medium silvery green sagebrush and light tan grasses.	Light, medium and dark grey T-line and buildings.
TEXTURE	Smooth landforms.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form													x	Evaluator's Names M. Paulson Date 08/19/2011
Line													x	
Color													x	
Texture													x	

Rationale:

The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

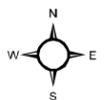
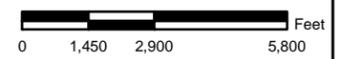
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



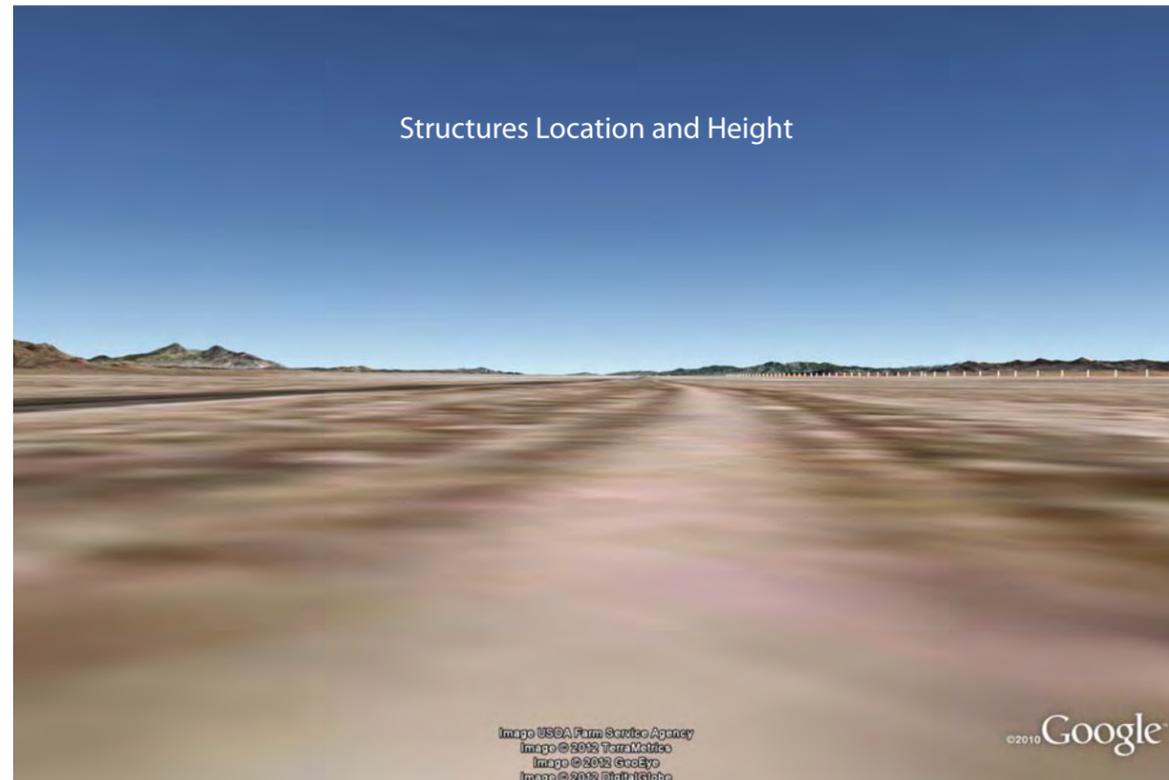
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP CC-3
Milford Recreation Road
(westbound)
(Segment 1480)





KOP Photograph



Structures Location and Height

Image USA Farm Service Agency
 Image © 2012 TerraMetrics
 Image © 2012 GeoEye
 Image © 2012 DigitalGlobe

©2010 Google

Form 8400-4 (September 1985)

**UNITED STATES
 DEPARTMENT OF THE INTERIOR
 BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 08/19/2011

District Cedar City FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Near Lund Recreation Rd. (NB)</u> <u>Township 33S</u> <u>Range 15W</u> <u>Section 1</u>	5. Location Sketch Please see Figure 3.12-3
2. Key Observation Point CC-4		
3. VRM Class IV		

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular mountains and wide valley floor.	Planar blanket of grasses.	Planar roadway. Columnar wooden pole utility
LINE	Horizontal valley and angular ridgelines.	Irregular grass patterns.	Horizontal roadway, railroad, and vertical T-line.
COLOR	Light to medium reddish tan.	Light tan grasses.	Light, medium and dark brown roadway, railroad, and T-line.
TEXTURE	Smooth landforms.	Smooth and medium.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Elements													Evaluator's Names M. Paulson	Date 08/19/2011
Form														
Line														
Color														
Texture														

Rationale:

The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

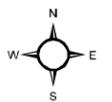
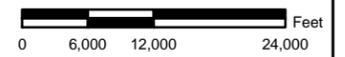
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



**TRANSWEST EXPRESS
 TRANSMISSION PROJECT**

**KOP CC-4
 Near Lund Recreation Rd.
 (northbound)
 (Segment 1490)**





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 08/19/2011

District Cedar City FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>East</u> <u>Antelope Rd. (WB)</u>	5. Location Sketch Please see Figure 3.12-3
2. Key Observation Point CC-5	Township <u>35S</u>	
3. VRM Class IV	Range <u>14W</u> Section <u>5</u>	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular mountains and wide valley floor.	Planar blanket of grasses with scattered clumps of pinyon-juniper and sagebrush.	Planar roadway. Pyramidal steel lattice T-line. Planar H-frames. Indistinct ranch buildings.
LINE	Horizontal valley and angular ridgelines.	Irregular pinyon-juniper, sagebrush and grass patterns.	Vertical and horizontal T-line and curvilinear conductors. Horizontal, meandering roadway.
COLOR	Light to medium reddish tan.	Light to medium silvery green sagebrush, dark green pinyon-juniper and light tan and medium green grasses.	Light, medium and dark grey and dark brown t-lines and light grey buildings.
TEXTURE	Smooth landforms.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

ELEMENTS	DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
		LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)						
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None			
Form													X		Evaluator's Names M. Paulson	Date 08/19/2011
Line													X			
Color													X			
Texture													X			

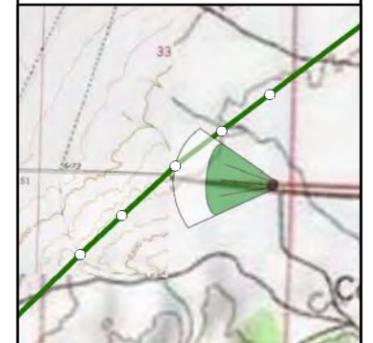
Rationale:

The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

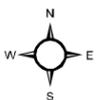
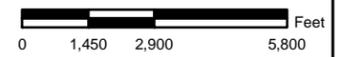
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



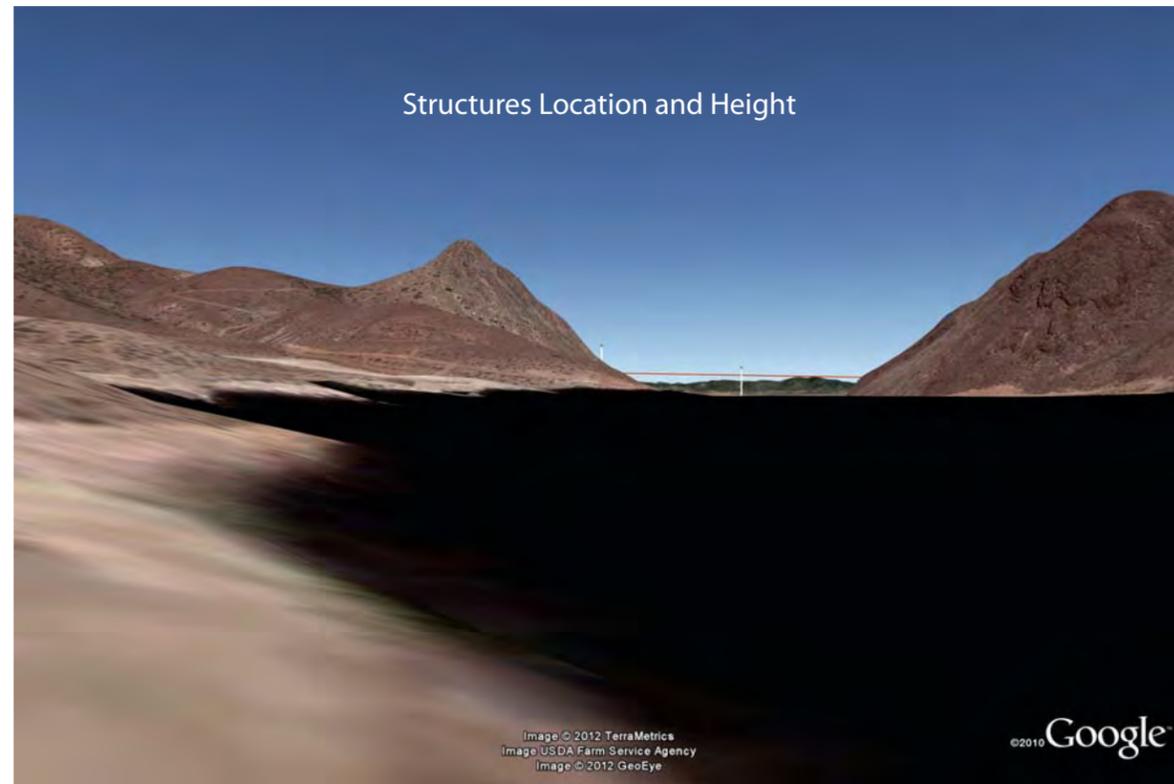
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP CC-5
East Antelope Road
(westbound)
(Segment 1500.02)





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 08/19/2011
District Cedar City FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Newcastle</u> Reservoir Boat Launch	5. Location Sketch Please see Figure 3.12-3
2. Key Observation Point CC-7	Township <u>36S</u>	
3. VRM Class III	Range <u>15W</u>	
	Section <u>22</u>	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar dam. Angular mountains. Horizontal water form.	Planar blanket of grasses and shrubs, with scattered clumps of pinyon-juniper.	Cylindrical utility poles. Planar dam structure.
LINE	Horizontal water and dam, and angular ridgelines.	Irregular pinyon-juniper, deciduous trees, sagebrush and grass patterns.	Vertical utility poles. Horizontal dam structure.
COLOR	Blue water. Light to medium to dark greyish tan and brown rock formations and dam structure.	Dark green pinyon-juniper and light tan and medium green shrubs.	Light to medium to dark greyish tan and brown dam structure. Dark brown utility poles.
TEXTURE	Smooth water and smooth, medium, and coarse landforms.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form												X	Evaluator's Names M. Paulson	Date 08/19/2011
Line												X		
Color												X		
Texture												X		

Rationale:

Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objectives. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-4, VR-6, and VR-7) would further reduce contrasts.

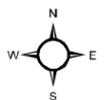
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



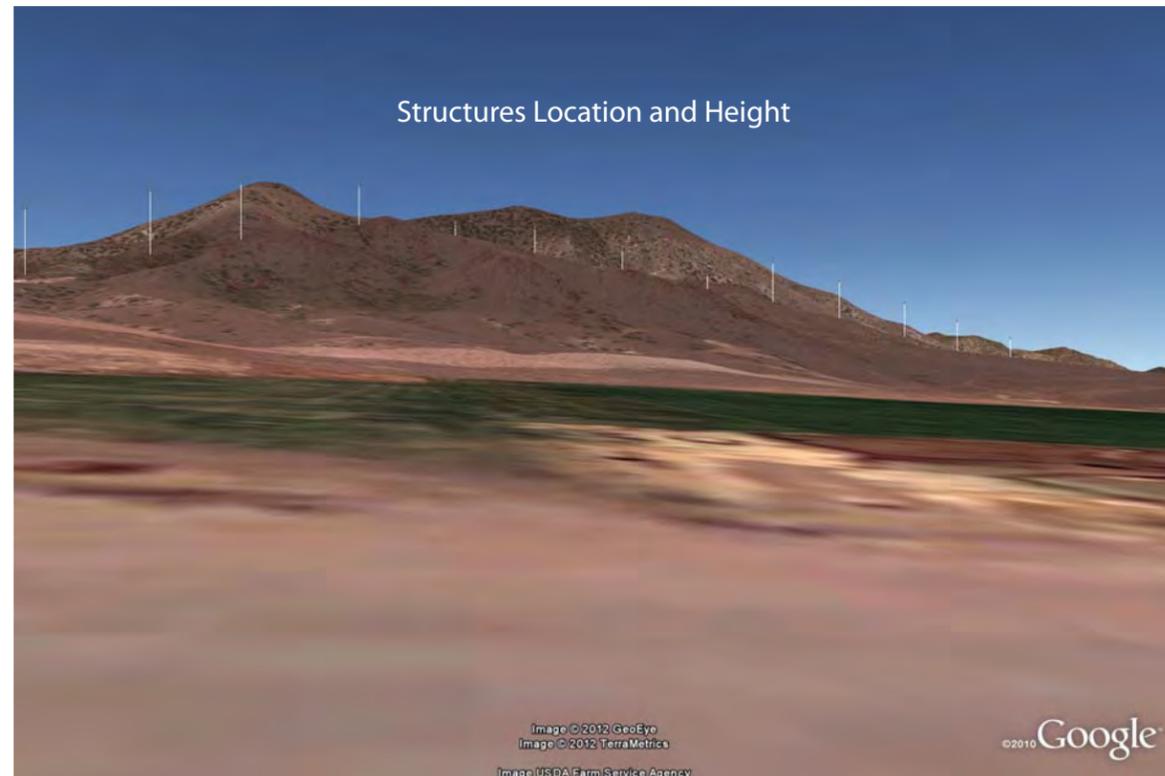
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP CC-7
Newcastle Reservoir
Boat Launch
(Segment 1500.05)





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 08/19/2011

District Cedar City FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Newcastle</u> <u>Residential</u> <u>Township 36S</u>	5. Location Sketch Please see Figure 3.12-3
2. Key Observation Point CC-9	Range <u>15W</u>	
3. VRM Class III	Section <u>16</u>	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular mountains, rock formations, and rolling foothills.	Scattered clumps of pinyon-juniper, shrubs, and blanket of grasses.	Pyramidal steel lattice T-line. Planar H-frames. Cylindrical fence posts.
LINE	Angular ridgelines.	Irregular pinyon-juniper, sagebrush and grass patterns.	Vertical and horizontal t-line and curvilinear conductors. Vertical fence posts.
COLOR	Light to medium reddish tan and grey.	Dark green pinyon-juniper and light tan grasses and medium silvery green sagebrush.	Light, medium and dark grey and dark brown T-lines. Light to medium grey fence posts.
TEXTURE	Smooth to medium landforms.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

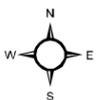
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form													Evaluator's Names M. Paulson	Date 08/19/2011
Line											x			
Color											x			
Texture												x		



Project Location



KOP Location



TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP CC-9
Newcastle Residential
(Segment 1500.05)

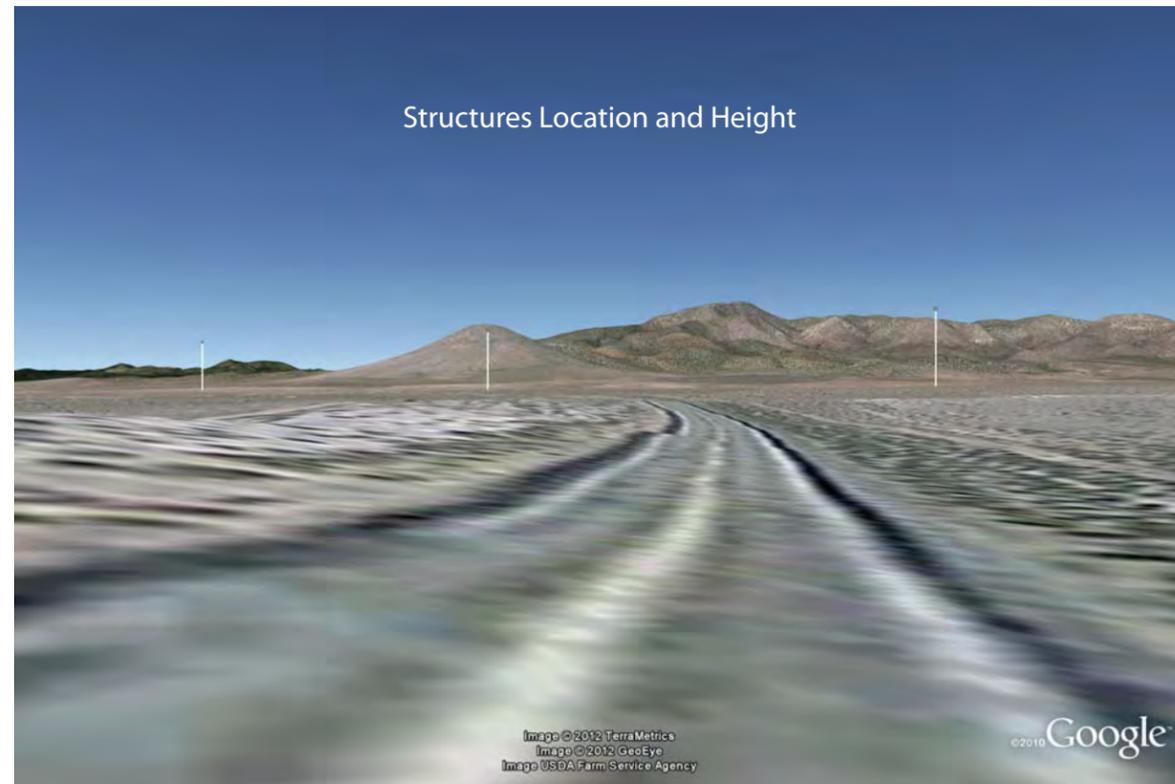


Rationale:
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objectives. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-4, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 08/19/2011

District Cedar City FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Utah SH-56</u> <u>(WB)</u>	5. Location Sketch Please see Figure 3.12-3
2. Key Observation Point CC-10	Township <u>34S</u>	
3. VRM Class IV (VRM Class IV)	Range <u>18W</u>	
	Section <u>31</u>	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular mountains, rock formations, and rolling foothills.	Scattered clumps of pinyon-juniper, shrubs, and blanket of grasses.	Pyramidal steel lattice T-line. Planar H-frames. Cylindrical fence posts.
LINE	Angular ridgelines.	Irregular pinyon-juniper, sagebrush and grass patterns.	Vertical and horizontal T-line and curvilinear conductors. Vertical fence posts.
COLOR	Light to medium reddish tan and grey.	Dark green pinyon-juniper and light tan grasses and medium silvery green sagebrush.	Light, medium and dark grey and dark brown T-lines. Light to medium grey fence posts.
TEXTURE	Smooth to medium landforms.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

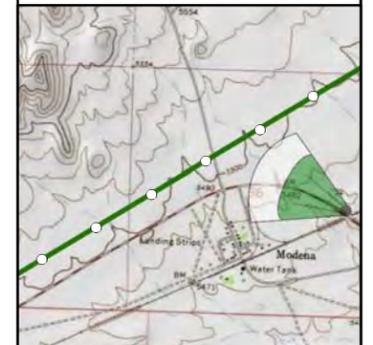
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

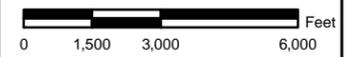
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)						
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None			
Form													X	Evaluator's Names M. Paulson	Date 08/19/2011
Line													X		
Color													X		
Texture															



Project Location



KOP Location



TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP CC-10
Utah State Highway 56
(westbound)
(Segment 1490.05)



Rationale:

The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

KOP Photograph



Structures Location and Height

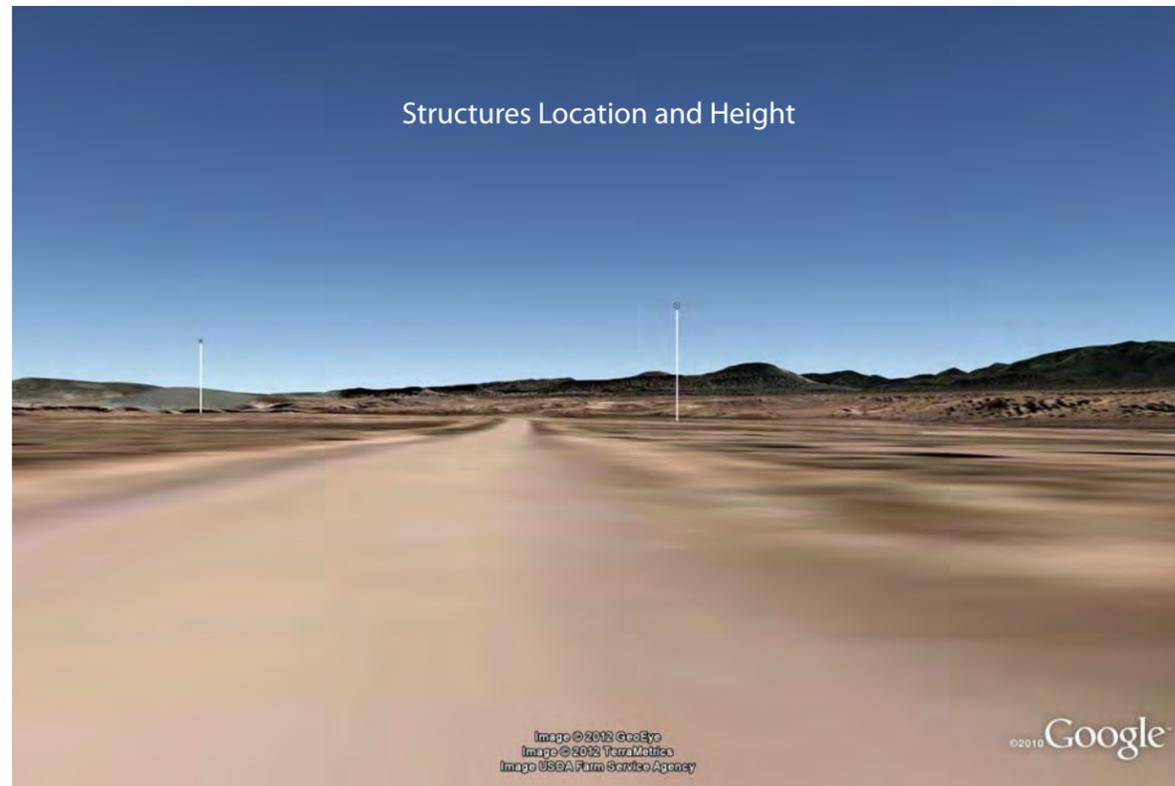


Image ©2012 GeoEye
Image ©2012 TerraMetrics
Image USA Farm Service Agency

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Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VISUAL CONTRAST RATING WORKSHEET

Date 08/19/2011

District Cedar City FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Utah SH-56</u> (EB) Township <u>35S</u> Range <u>20W</u> Section <u>26</u>	5. Location Sketch Please see Figure 3.12-3
2. Key Observation Point CC-11		
3. VRM Class III		

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular mountains, rock formations, and rolling foothills.	Scattered clumps of pinyon-juniper, shrubs, and blanket of grasses.	Pyramidal steel lattice T-line. Planar H-frames. Cylindrical fence posts.
LINE	Angular ridgelines.	Irregular pinyon-juniper, sagebrush and grass patterns.	Vertical and horizontal T-line and curvilinear conductors. Vertical fence posts.
COLOR	Light to medium reddish tan and grey.	Dark green pinyon-juniper and light tan grasses and medium silvery green sagebrush.	Light, medium and dark grey and dark brown T-lines. Light to medium grey fence posts.
TEXTURE	Smooth to medium landforms.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

Elements	DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Explain on reverse side)	3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)		
		LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)							
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None				
Form													X			Evaluator's Names M. Paulson	Date 08/19/2011
Line														X			
Color														X			
Texture														X			

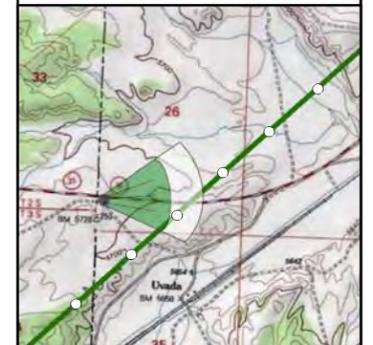
Rationale:

Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objectives. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-4, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



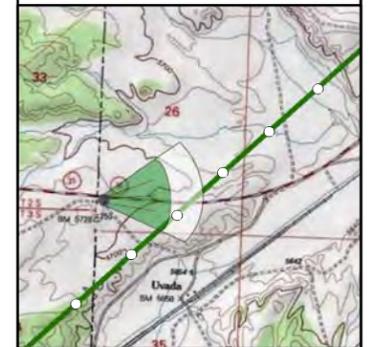
TRANSWEST EXPRESS
TRANSMISSION PROJECT

KOP CC-11
Utah State Hwy 56
(eastbound)
(Segment 1490.05)

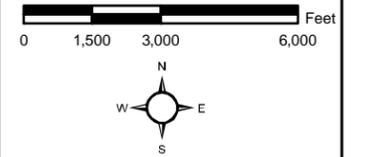




Project Location



KOP Location



**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP CC-11
Simulated Condition
(Segment 1490.05)



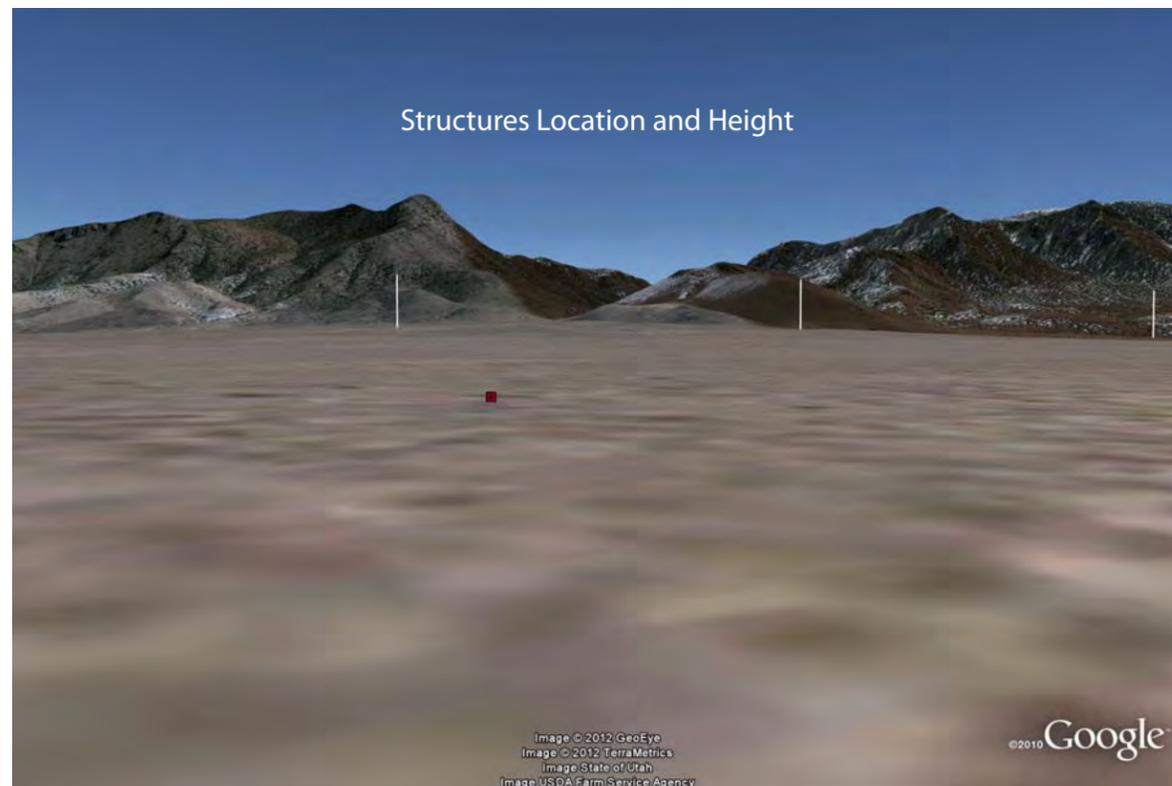


Image © 2012 GeoEye
 Image © 2012 TerraMetrics
 Image State of Utah
 Image USDA Farm Service Agency
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Form 8400-4 (September 1985)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 08/19/2011
 District Cedar City FO
 Resource Area
 Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
 2. Key Observation Point: CC-12
 3. VRM Class: IV
 4. Location Recreation: Road near Antelope Spr.
 Township 35S
 Range 15W
 Section 14
 5. Location Sketch: Please see Figure 3.12-3

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular and rounded mountains, rolling foothills, and planar valley.	Scattered clumps of pinyon-juniper, shrubs, and blanket of grasses.	Pyramidal steel lattice T-line. Planar H-frames.
LINE	Angular and curvilinear ridgelines and horizontal valley.	Irregular pinyon-juniper, sagebrush and grass patterns.	Vertical and horizontal T-line and curvilinear conductors.
COLOR	Light to medium reddish tan and grey.	Dark green pinyon-juniper and light tan grasses and medium silvery green sagebrush.	Light, medium and dark grey and dark brown T-lines.
TEXTURE	Smooth to medium landforms.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form													X	Evaluator's Names: M. Paulson Date: 08/19/2011
Line													X	
Color													X	
Texture													X	



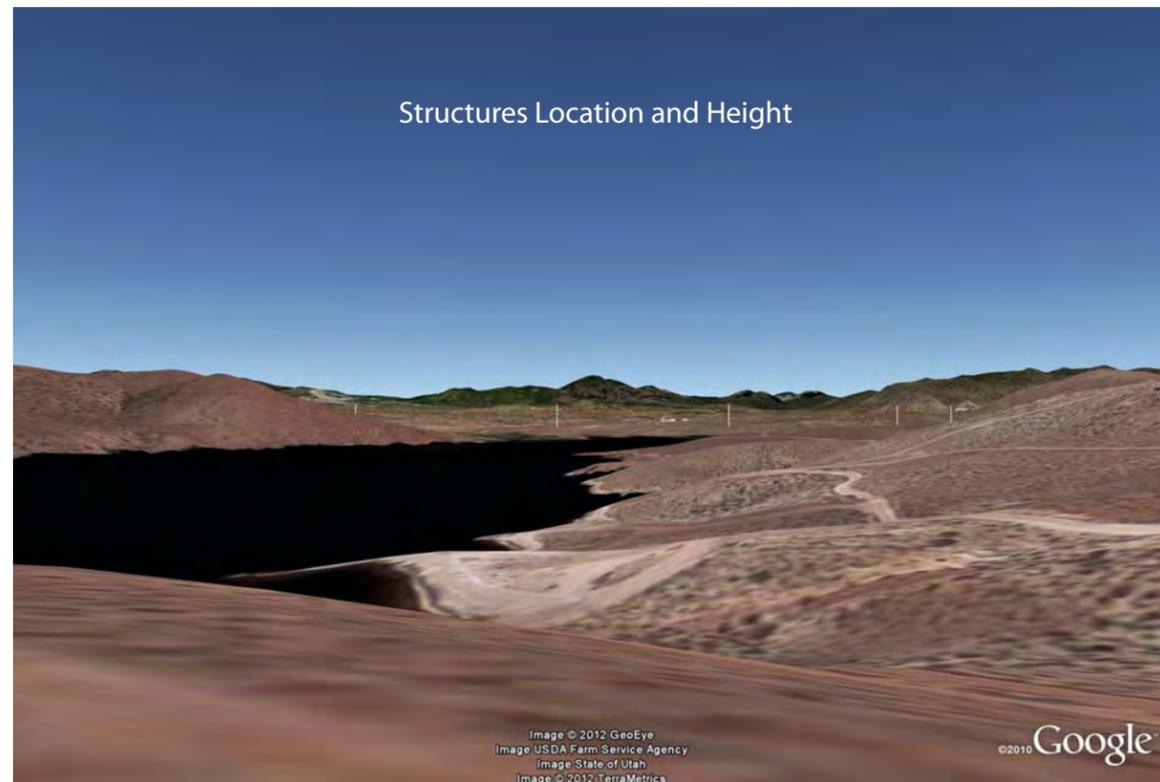
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP CC-12
 Recreation Road
 near Antelope Springs
 (Segment 1500.02)





KOP Photograph



Structures Location and Height

Image © 2012 GeoEye
 Image USDA Farm Service Agency
 Image State of Utah
 Image © 2012 TerraMetrics
 ©2010 Google

Form 8400-4 (September 1985)

**UNITED STATES
 DEPARTMENT OF THE INTERIOR
 BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 08/07/2012
 District Cedar City FO
 Resource Area
 Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location Newcastle Reservoir Dam Overlook	5. Location Sketch Please see Figure 3.12-3
2. Key Observation Point CC-14	Township 36S	
3. VRM Class IV	Range 15W Section 22	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar dam. Angular mountains. Horizontal waterform.	Planar blanket of grasses and shrubs, with scattered clumps and blanket of pinyon-juniper.	Cylindrical utility poles. Planar dam structure.
LINE	Horizontal water and dam, and angular ridgelines.	Irregular pinyon-juniper, deciduous trees, sagebrush and grass patterns.	Vertical utility poles. Horizontal dam structure.
COLOR	Blue water. Light to medium to dark greyish tan and brown rock formations and dam structure.	Dark green pinyon-juniper and light tan and medium green shrubs.	Light to medium to dark greyish tan and brown dam structure. Dark brown utility poles.
TEXTURE	Smooth water and smooth, medium, and coarse landforms.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form													X	Evaluator's Names M. Paulson Date 08/07/2012
Line													X	
Color													X	
Texture													X	

Rationale:
 The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

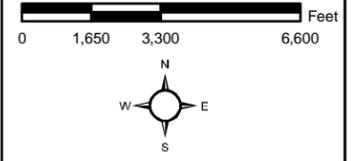
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Project Location



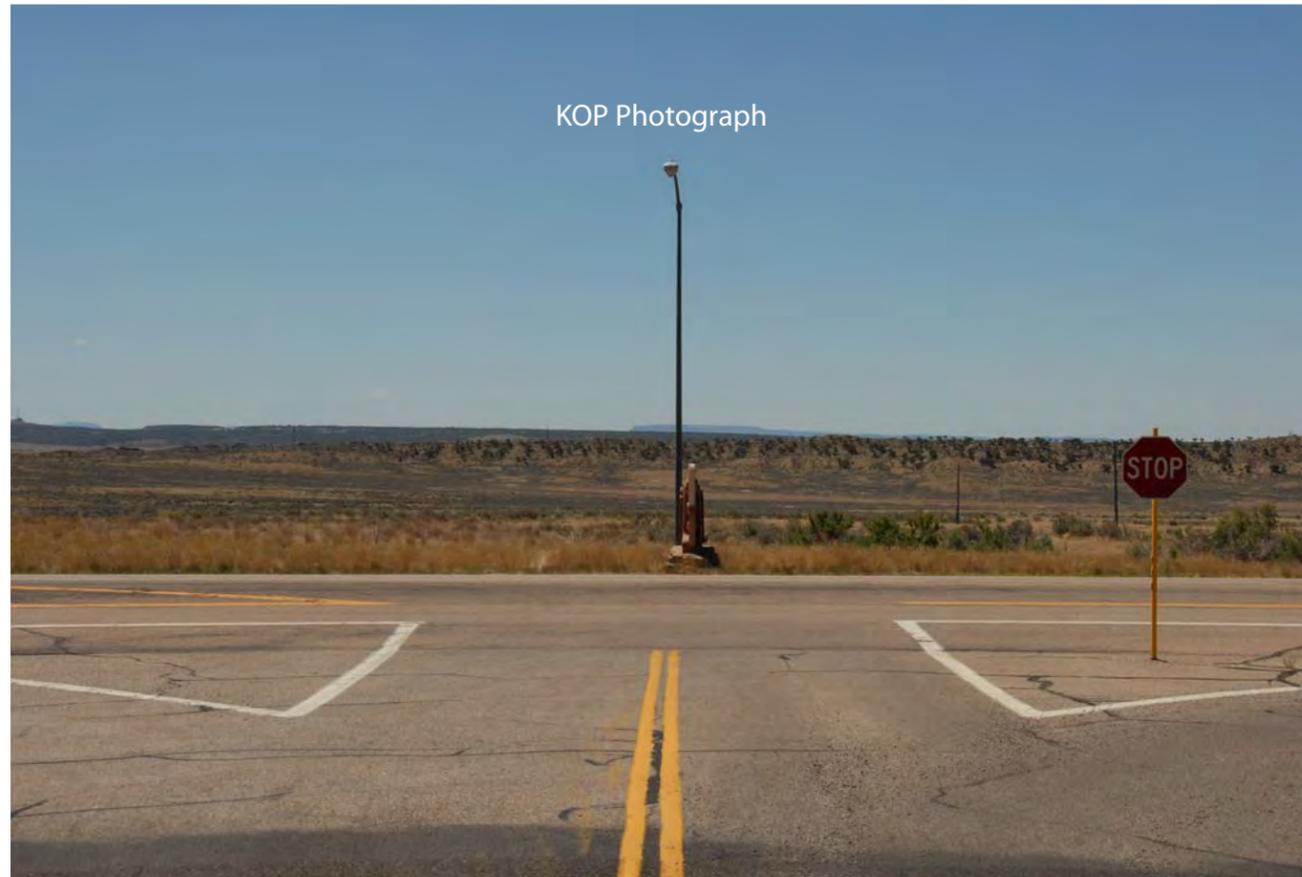
KOP Location



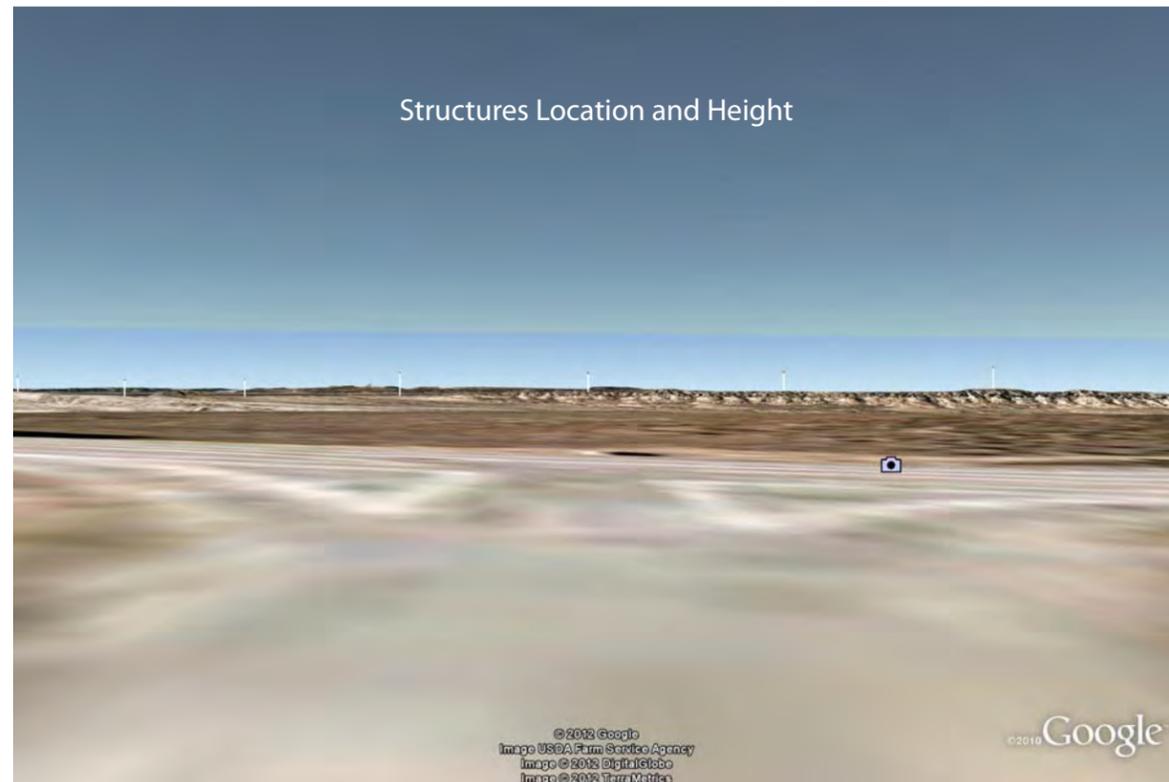
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP CC-14
 Newcastle Reservoir
 Dam Overlook
 (Segment 1506)





KOP Photograph



Structures Location and Height

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Image © 2012 TerraMetrics

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Form 8400-4 (September 1985)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 05/30/2012

District **Dinosaur National Monument**

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Dinosaur Nat. Mon. Entry</u> <u>Township 3N</u> <u>Range 103W</u> <u>Section 10</u>	5. Location Sketch Please see Figure 3.12-1
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SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar rolling and angular ridges. Angular side slopes.	Organic clumps of pinyon-juniper, rabbit brush, sagebrush and grasses.	Planar roadway, columnar light standard, pyramidal 345-kV transmission line structure and columnar H-frame poles.
LINE	Strong angular lines of ridges and skyline. Angular side slopes.	Indistinct pinyon-juniper, sagebrush, rabbit brush and linear roadside grasses.	Linear horizontal roadway and vertical light standard, transmission line, H-frame and markers.
COLOR	Very light, medium, and dark tan to brown landforms.	Dark olive green pinyon-juniper and medium olive green sagebrush. Golden tan to brown rabbit brush and grasses.	Light to medium grey roadway and darker light standard, and transmission line. Light tan to brown H-frame.
TEXTURE	Smooth to moderate landforms.	Coarse pinyon-juniper, rabbit brush and sagebrush. Smooth to coarse grasses.	Smooth to medium roadway, light standard, transmission line, H-frame and markers.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Strongly pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Course steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)						
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None			
Form													x	Evaluator's Names M. Paulson	Date 5/30/12
Line													x		
Color													x		
Texture													x		

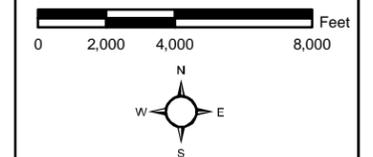
Rationale:
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP DNM-1
Dinosaur National Monument (Entry)
(Segment 1210)

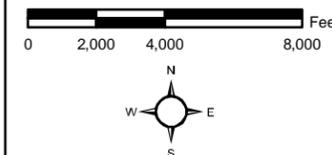




Project Location



KOP Location



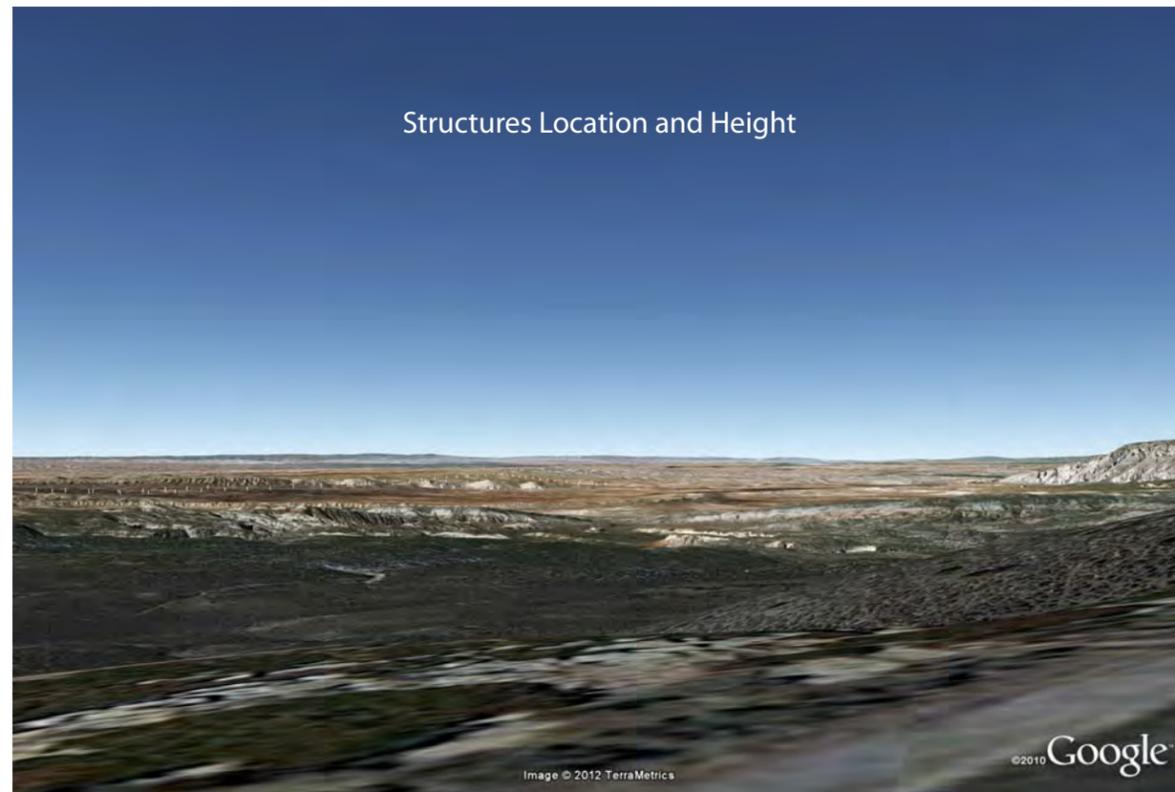
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP DNM-1
Simulated Condition
(Segment 1210)





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/22/2011

District _____

Resource Area _____

Activity (program) _____

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Dinosaur</u> National Mon. Overlook Township <u>4N</u> Range <u>103W</u> Section <u>4</u>	5. Location Sketch Please see Figure 3.12-1
--------------------------------------	--	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Undulating midground ridges. Curvilinear mountain backdrop. Strong foreground erosion cuts.	Horizontal and curvilinear shapes of pinyon-juniper and grasses.	NA – too distant to pick out of landscape
LINE	Weak horizontal ridge and mountain skyline. Angular side slopes. Horizontal valley floor.	Horizontal and curvilinear edges of pinyon-juniper and grasses.	NA
COLOR	Very light, medium, and dark brown exposed eroded slopes.	Dark green pinyon-juniper. Light to medium olive green and tan grasses.	NA
TEXTURE	Smooth midground and background landforms. Course foreground landforms	Coarse pinyon-juniper foreground and midground. Smooth grasses.	NA

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Indistinct 7- to 11-miles distant pyramidal steel lattice structures.
LINE			Indistinct 7- to 11-miles distant vertical steel lattice structures.
COLOR			Indistinct 7- to 11-miles distant light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Indistinct 7- to 11-miles distance

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)		
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None			
Form													X	Evaluator's Names M. Paulson	Date 07/22/2011
Line													X		
Color													X		
Texture													X		

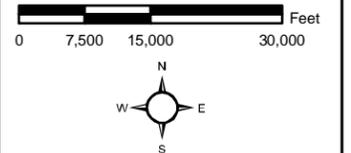
Rationale:
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP DNM-2
Dinosaur National Monument (Overlook)
(Segments 1214)





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 04/28/2014

District Rawlins FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Deerlodge Road (EB)</u>	5. Location Sketch Please see Figure 3.12-1
2. Key Observation Point DNM-6	Township <u>5N</u>	
3. VRM Class NPS	Range <u>98W</u>	
	Section <u>1</u>	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar, angular, and horizontal ridges. Angular side slopes and erosion cuts.	Organic shapes of sagebrush and grasses and scattered pinyon-juniper on the side slopes.	NA
LINE	Strong foreground horizontal. Angular side slopes.	Curvilinear pinyon-juniper, sagebrush, and grasses.	NA
COLOR	Medium tan to brown landform.	Medium grey-green sagebrush, medium green, tan to brown grasses.	NA
TEXTURE	Smooth landform.	Smooth to coarse pinyon-juniper, sagebrush and grasses.	NA

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Planar ROW clearing.	Strongly pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Angular ROW clearing edges.	Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Light grey-green, tan-brown grasses.	Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE		Smooth.	Course steel lattice structures, and smooth guys and conductors.

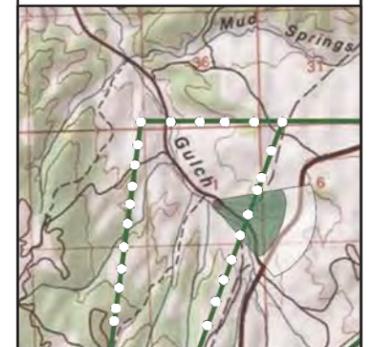
SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form					X				X				Evaluator's Names M. Paulson	Date 04/28/2014
Line						X			X					
Color						X				X				
Texture						X					X			

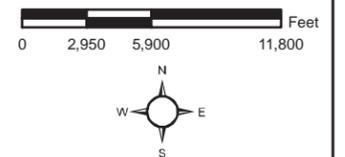
Rationale:
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



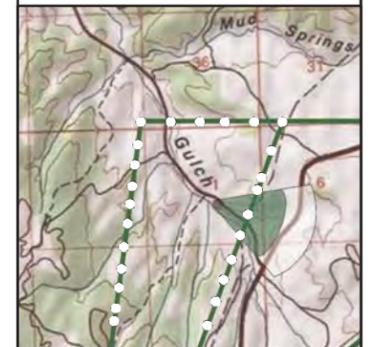
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP DNM-6
Deerlodge Road
(eastbound)
(Segment 1104)





Project Location



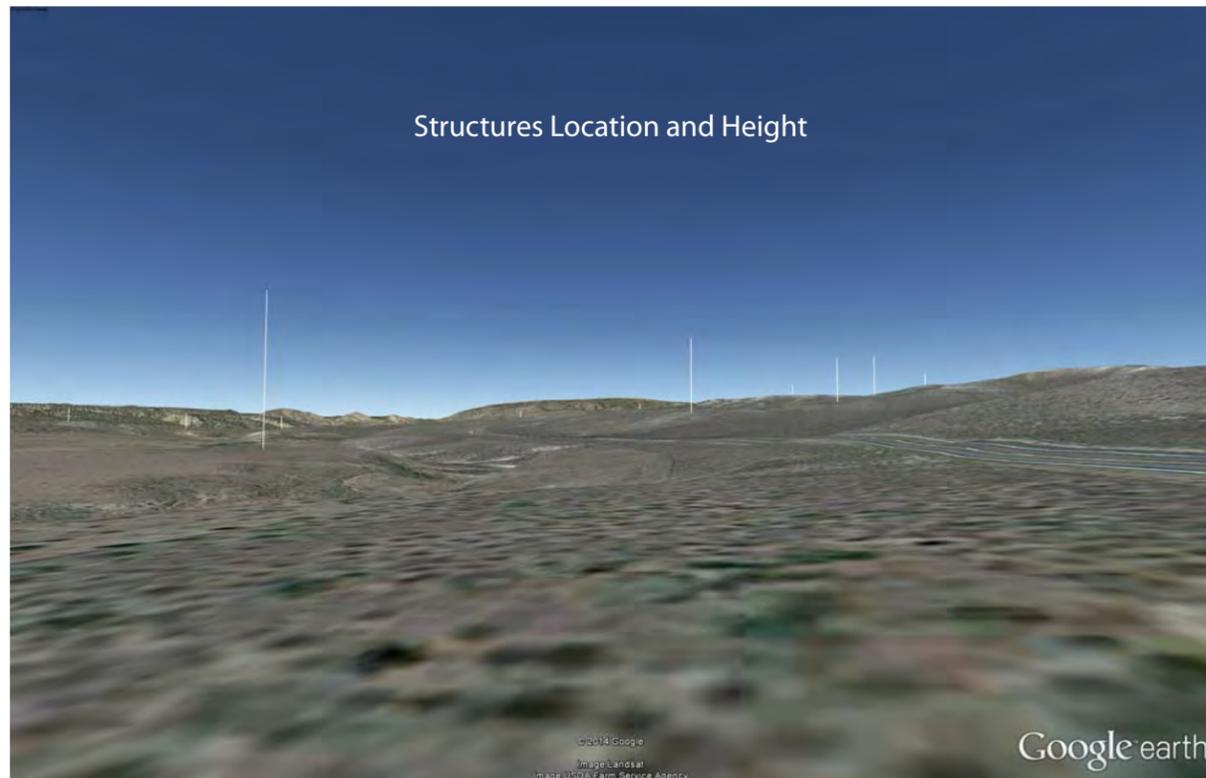
KOP Location



**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP DNM-6
Simulated Condition
(Segment 1104)





Form 8400-4 (September 1985)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT
VISUAL CONTRAST RATING WORKSHEET

Date 04/28/2014
District Rawlins FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: DNM-7
3. VRM Class: NPS
4. Location: Deerlodge Road - NPS Kiosk, Township 5N, Range 98W, Section 12
5. Location Sketch: Please see Figure 3.12-1

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

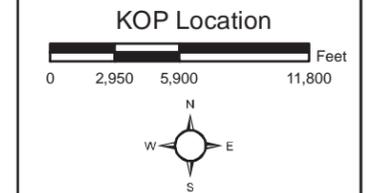
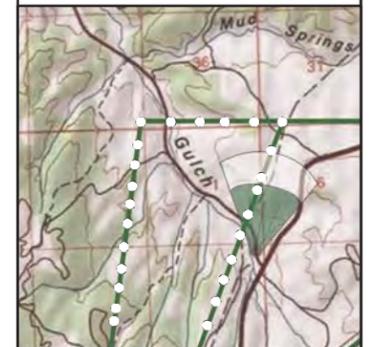
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar, angular, and horizontal ridges. Angular side slopes and erosion cuts.	Organic shapes of sagebrush and grasses and scattered pinyon-juniper on the side slopes.	NA
LINE	Strong foreground horizontal. Angular side slopes.	Curvilinear pinyon-juniper, sagebrush, and grasses.	NA
COLOR	Medium tan to brown landform.	Medium grey-green sagebrush, medium green, tan to brown grasses.	NA
TEXTURE	Smooth landform.	Smooth to coarse pinyon-juniper, sagebrush and grasses.	NA

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Planar ROW clearing.	Strongly pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Angular ROW clearing edges.	Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Light grey-green, tan-brown grasses.	Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE		Smooth.	Course steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form					x				x				Evaluator's Names: M. Paulson Date: 04/28/2014	
Line						x				x				
Color						x					x			
Texture						x						x		



Rationale: Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

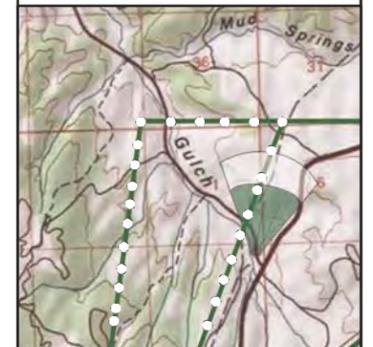
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP DNM-7
Deerlodge Road
NPS Kiosk
(Segment 1104)

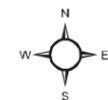




Project Location



KOP Location



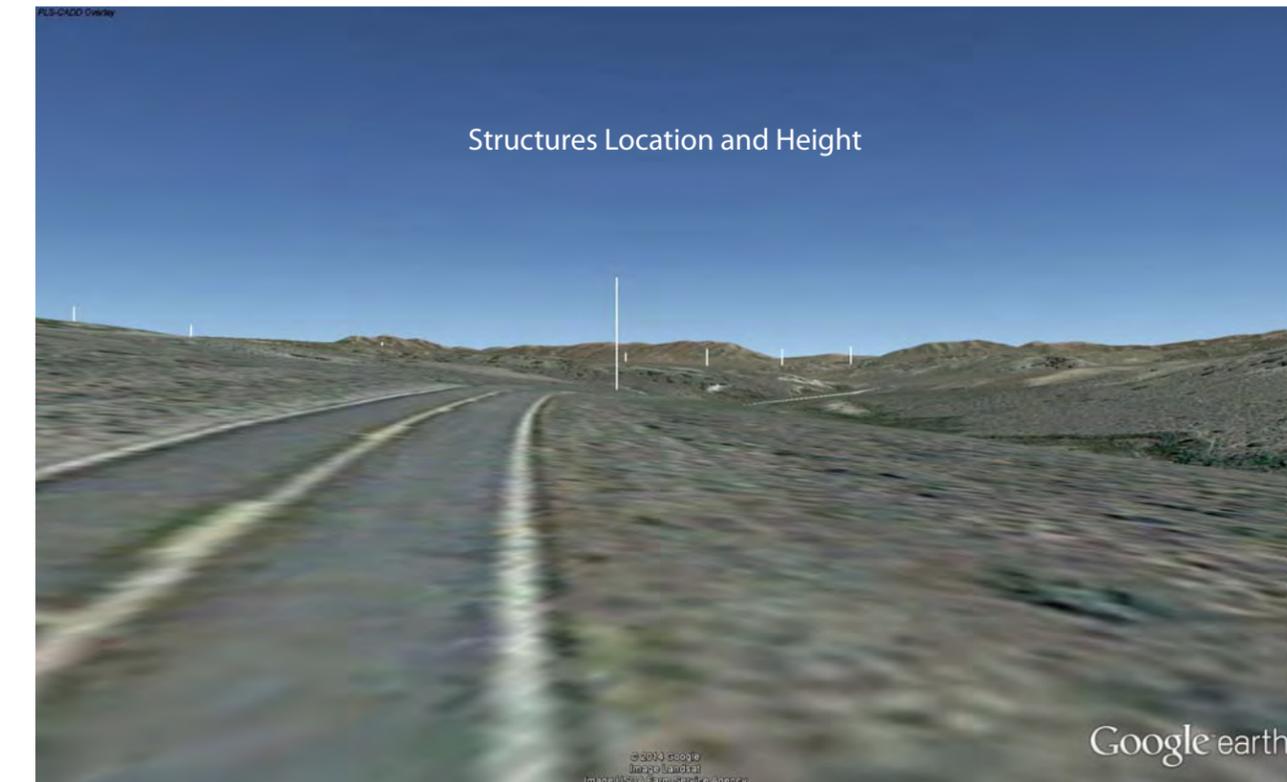
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP DNM-7
Simulated Condition
(Segment 1104)





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 04/28/2014

District Rawlins FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Deerlodge Road (SB)</u> Township <u>6N</u> Range <u>98W</u> Section <u>36</u>	5. Location Sketch Please see Figure 3.12-1
--------------------------------------	---	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar, angular, and horizontal ridges. Angular side slopes and erosion cuts.	Organic shapes of sagebrush and grasses and scattered pinyon-juniper on the side slopes.	NA
LINE	Strong foreground horizontal. Angular side slopes.	Curvilinear pinyon-juniper, sagebrush, and grasses.	NA
COLOR	Medium tan to brown landform.	Medium grey-green sagebrush, medium green, tan to brown grasses.	NA
TEXTURE	Smooth landform.	Smooth to coarse pinyon-juniper, sagebrush and grasses.	NA

SECTION C. PROPOSED ACTIVITY DESCRIPTION

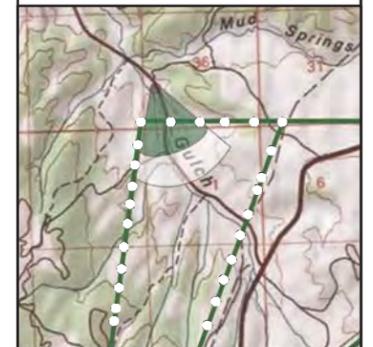
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Planar ROW clearing.	Strongly pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Angular ROW clearing edges.	Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Light grey-green, tan-brown grasses.	Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE		Smooth.	Course steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

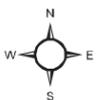
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form					X						X		Evaluator's Names M. Paulson	Date 04/28/2014
Line						X					X			
Color						X					X			
Texture						X					X			



Project Location



KOP Location



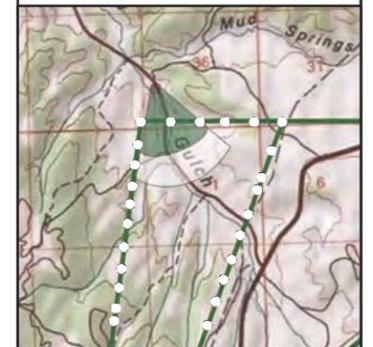
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP DNM-8
Deerlodge Road
(southbound)
(Segment 1105)

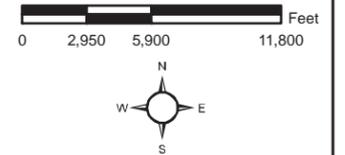




Project Location



KOP Location



**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP DNM-8
Simulated Condition
(Segment 1105)





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 04/28/2014

District Rawlins FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location_Deerlodge Road (NB) Township 5N Range 98W Section 1	5. Location Sketch Please see Figure 3.12-1
2. Key Observation Point DNM-9		
3. VRM Class NPS		

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar, angular, and horizontal ridges. Angular side slopes and erosion cuts.	Organic shapes of sagebrush and grasses and scattered pinyon-juniper on the side slopes.	NA
LINE	Strong foreground horizontal. Angular side slopes.	Curvilinear pinyon-juniper, sagebrush, and grasses.	NA
COLOR	Medium tan to brown landform.	Medium grey-green sagebrush, medium green, tan to brown grasses.	NA
TEXTURE	Smooth landform.	Smooth to coarse pinyon-juniper, sagebrush and grasses.	NA

SECTION C. PROPOSED ACTIVITY DESCRIPTION

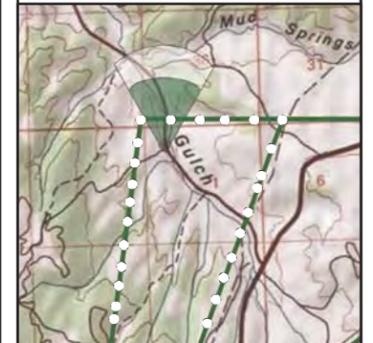
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Planar ROW clearing.	Strongly pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Angular ROW clearing edges.	Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Light grey-green, tan-brown grasses.	Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE		Smooth.	Course steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

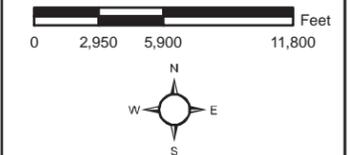
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form									X				Evaluator's Names M. Paulson	Date 04/28/2014
Line									X					
Color										X				
Texture											X			



Project Location



KOP Location



Rationale:
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

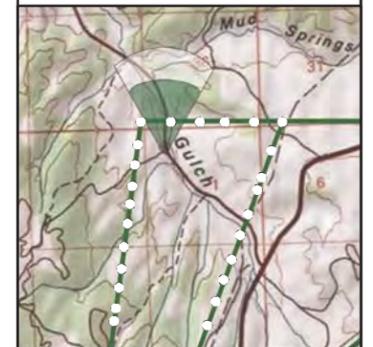
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP DNM-9
Deerlodge Road
(northbound)
(Segment 1105)





Project Location



KOP Location



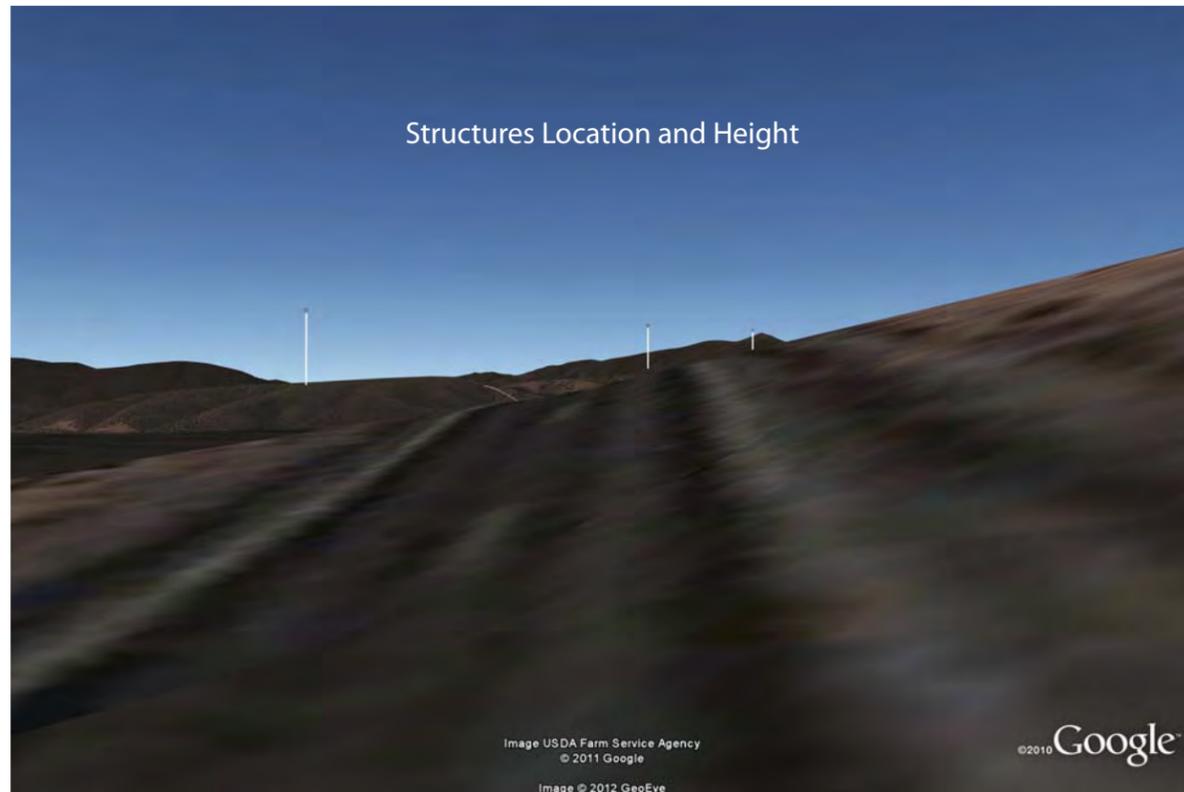
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP DNM-9
Simulated Condition
(Segment 1105)





KOP Photograph



Structures Location and Height

Image USDA Farm Service Agency
© 2011 Google
Image © 2012 GeoEye

©2010 Google

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 04/28/2014

District Ely DO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>US-93 (NB)</u> Township <u>3S</u> Range <u>67E</u> Section <u>28</u>	5. Location Sketch Please see Figure 3.12-3
--------------------------------------	--	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Undulating planar land form. Angular background mountains and rock formations.	Blanket of shrubs. Clumps of pinyon-juniper and grasses.	Planar roadway and guardrails.
LINE	Horizontal foreground ridgeline and angular ridgelines and rock formations.	Irregular pinyon-juniper, shrub and grass patterns.	Curvilinear roadway and guardrails.
COLOR	Light to medium reddish tan and grey.	Medium to dark olive green pinyon-juniper. Yellowish green shrubs and tan grasses..	Medium to dark grey roadway and light to medium silvery grey guardrails.
TEXTURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form													x	Evaluator's Names M. Paulson Date 04/28/2014
Line													x	
Color													x	
Texture													x	

Rationale:

Where the Project would be located with 0.5 miles of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong or moderate contrast and would not comply with VRM Class II management objectives. Mitigation measures (VR-1, VR-3, VR-4, VR-5, VR-7, VR-9, VR-10, and VR-12) would reduce strong or moderate contrasts to low resulting in moderate to low residual impacts where the Project is located more than 0.5 miles away from viewer locations.

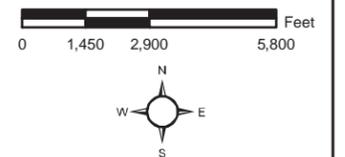
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP E-6
US-93
(northbound)
(Segment 1520)

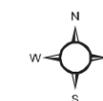




Project Location



KOP Location



**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP E-6
Simulated Condition
(Segment 1520)





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 04/28/2014

District Ely DO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location_US-93 (SB) Township_3S Range_67E Section_28	5. Location Sketch Please see Figure 3.12-3
--------------------------------------	--	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Undulating planar land form. Angular background mountains and rock formations.	Blanket and clumps of shrubs and grasses.	Planar roadway and guardrails. Cylindrical utility pole.
LINE	Horizontal foreground ridgeline and angular ridgelines and rock formations.	Irregular shrubs and grass patterns.	Curvilinear roadway and guardrails. Vertical utility pole.
COLOR	Light to medium reddish tan and grey.	Silver green shrubs and tan grasses..	Medium to dark grey roadway and light to medium silvery grey guardrails. Medium to dark brown utility pole.
TEXTURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Explain on reverse side)		
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None			
Form													X	Evaluator's Names M. Paulson	Date 04/28/2014
Line													X		
Color											X				
Texture												X			

Rationale:
Where the Project would be located with 0.5 miles of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong or moderate contrast and would not comply with VRM Class II management objectives. Mitigation measures (VR-1, VR-3, VR-4, VR-5, VR-7, VR-9, VR-10, and VR-12) would reduce strong or moderate contrasts to low resulting in moderate to low residual impacts where the Project is located more than 0.5 miles away from viewer locations.

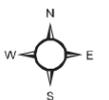
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP E-7
US-93
(southbound)
(Segment 1520)

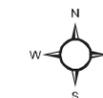
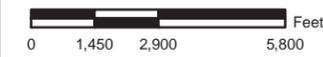




Project Location



KOP Location



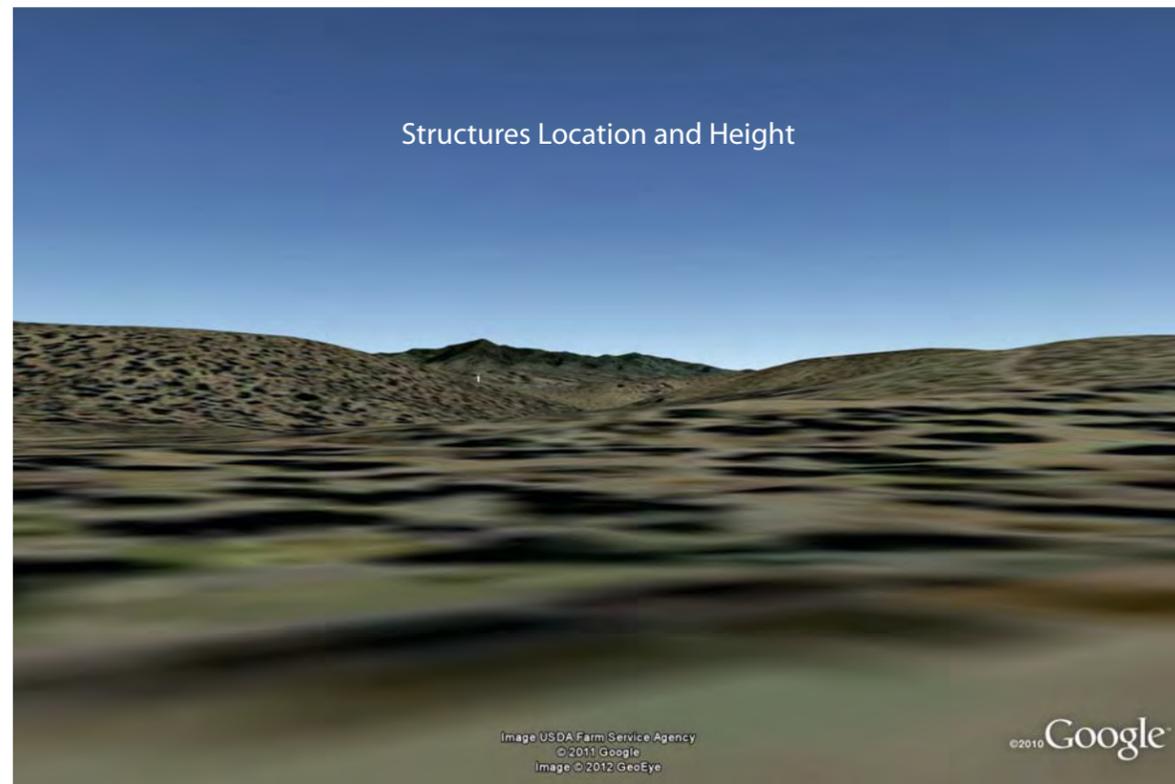
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP E-7
Simulated Condition
(Segment 1520)





KOP Photograph



Structures Location and Height

Image USDA Farm Service Agency
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Image © 2012 GeoEye
© 2010 Google

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 09/08/2011

District Ely DO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>US-93</u> Township <u>4S</u> Range <u>66E</u> Section <u>18</u>	5. Location Sketch Please see Figure 3.12-3
--------------------------------------	---	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Undulating planar land form. Angular background mountains.	Blanket of pinyon-juniper. Clumps of shrubs and grasses.	Planar roadway.
LINE	Angular ridgelines.	Irregular pinyon-juniper, shrub and grass patterns.	Horizontal roadway.
COLOR	Light to medium reddish tan and grey.	Medium to dark olive green pinyon-juniper. Silver and yellowish green shrubs and tan grasses.	Light to medium grey roadway.
TEXTURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Explain on reverse side)		
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None			
Form													X	Evaluator's Names M. Paulson	Date 09/08/2011
Line													X		
Color													X		
Texture													X		

Rationale:

Where the Project would be located within 0.5 mile of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III management objectives. Mitigation measures (VR-1, VR-3, VR-4, VR-5, VR-7, VR-9, VR-10, and VR-12) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 mile away from viewer locations.

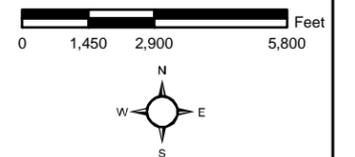
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



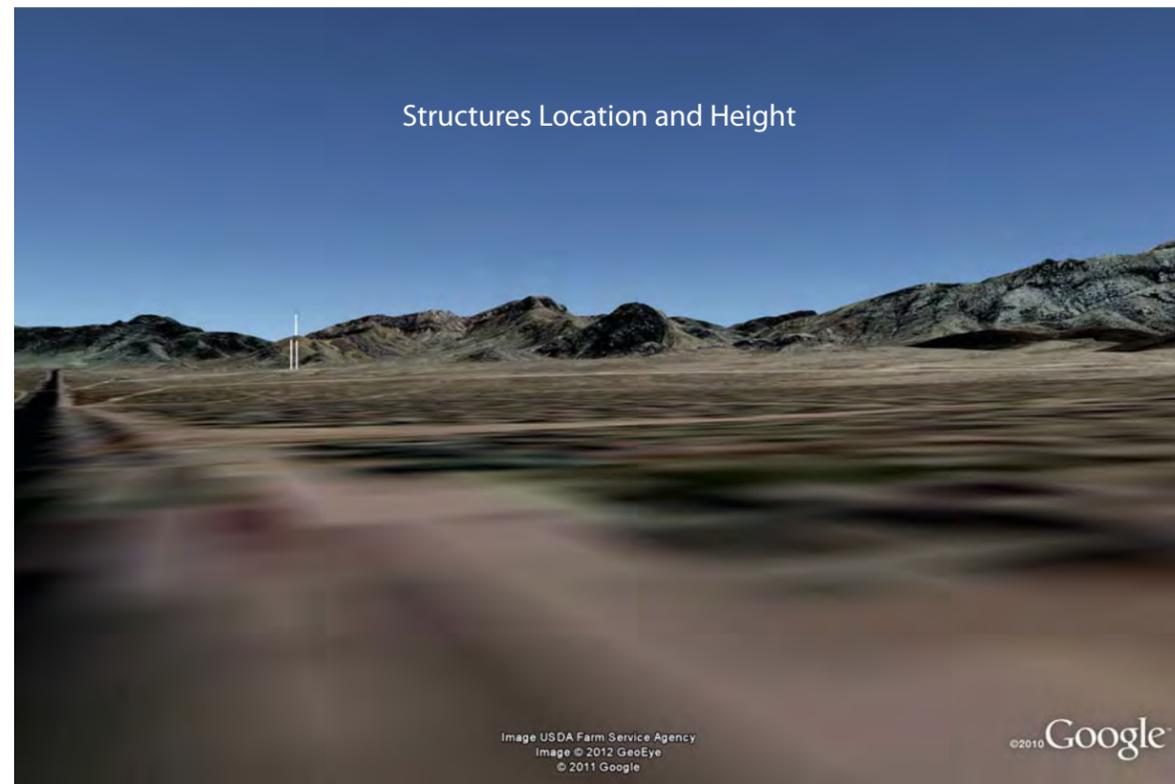
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP E-8
U.S. 93
(Segment 1520)





KOP Photograph



Structures Location and Height

Image USDA Farm Service Agency
Image © 2012 GeoEye
© 2011 Google

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Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 09/08/2011

District Ely DO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>US-93 (EB)</u> Township <u>4S</u> Range <u>64E</u> Section <u>10</u>	5. Location Sketch Please see Figure 3.12-3
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SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular background mountains. Planar valley.	Clumps of desert shrubs and grasses.	Planar roadway and pyramidal steel lattice transmission line.
LINE	Angular ridgelines and horizontal valley.	Irregular shrub and grass patterns.	Horizontal roadway and vertical T-line. Curvilinear conductors.
COLOR	Light to medium reddish tan and grey.	Reddish brown and tan shrubs and grasses.	Light to medium grey roadway. Dark grey T-line.
TEXTURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)		
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None			
Form													x	Evaluator's Names M. Paulson	Date 09/08/2011
Line													x		
Color													x		
Texture													x		

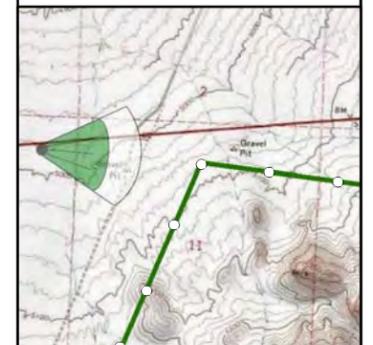
Rationale:

Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objectives. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-4, VR-6, and VR-7) would further reduce contrasts.

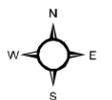
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



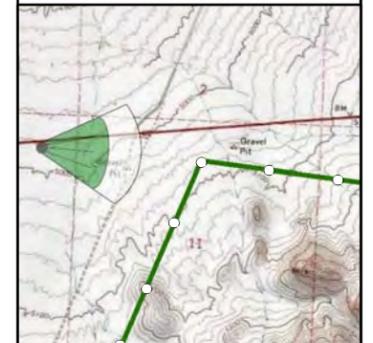
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP E-9
U.S. 93 (eastbound)
(Segment 1520)





Project Location



KOP Location



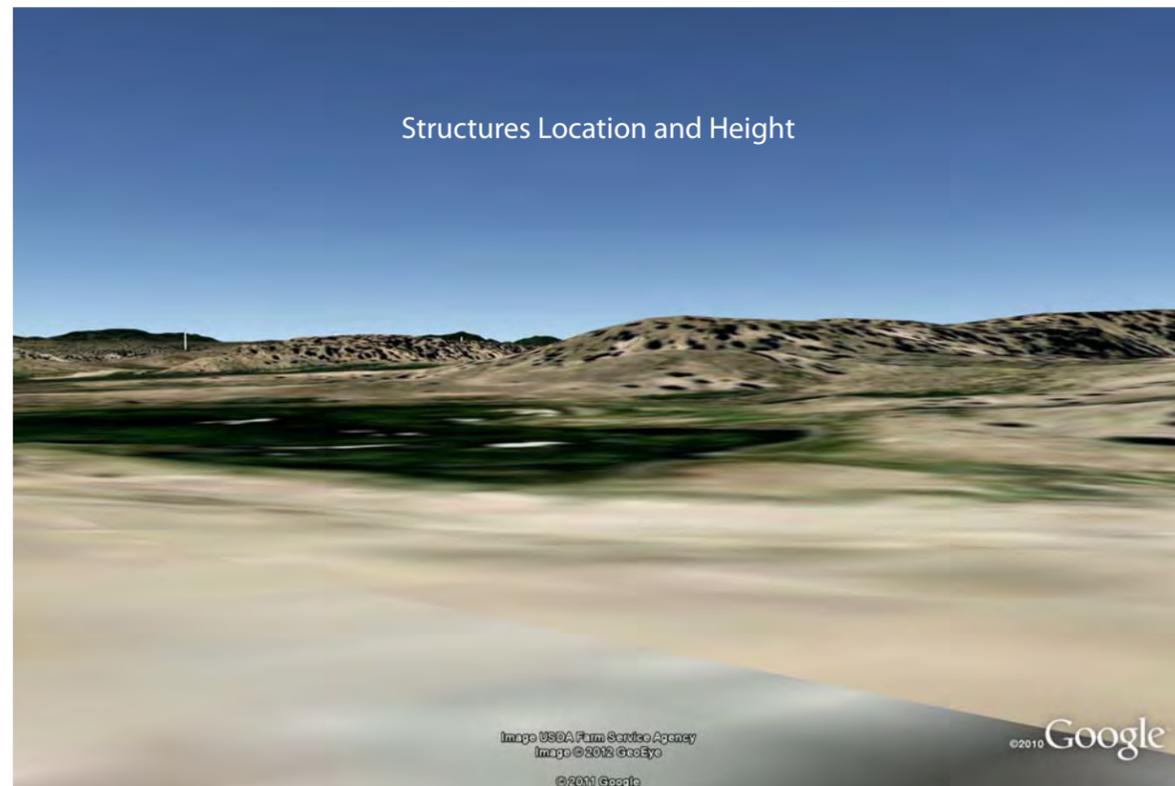
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP E-9
Simulated Condition
(Segment 1520)





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 09/08/2011

District Ely DO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Mathews Canyon Reservoir</u> <u>Township 5S</u> <u>Range 69E</u> <u>Section 24</u>	5. Location Sketch Please see Figure 3.12-3
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SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular and rounded mountains, rolling foothills, and planar water form.	Scattered clumps of pinyon-juniper, shrubs, and blanket of grasses.	
LINE	Angular and curvilinear ridgelines and horizontal water.	Irregular pinyon-juniper, sagebrush and grass patterns.	
COLOR	Light to medium reddish tan and grey.	Dark green pinyon-juniper and light tan grasses and medium silvery green sagebrush.	
TEXTURE	Smooth to medium landforms.	Smooth, medium, and coarse.	

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)								
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)							
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None									
Elements														Form					x	Evaluator's Names M. Paulson	Date 09/08/2011
														Line					x		
														Color					x		
														Texture					x		

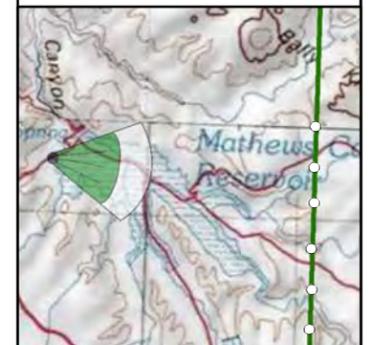
Rationale:

Where the Project would be located within 0.5 mile of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III management objectives. Mitigation measures (VR-1, VR-3, VR-4, VR-5, VR-7, VR-9, VR-10, and VR-12) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 mile away from viewer locations.

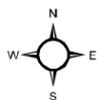
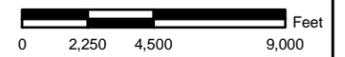
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



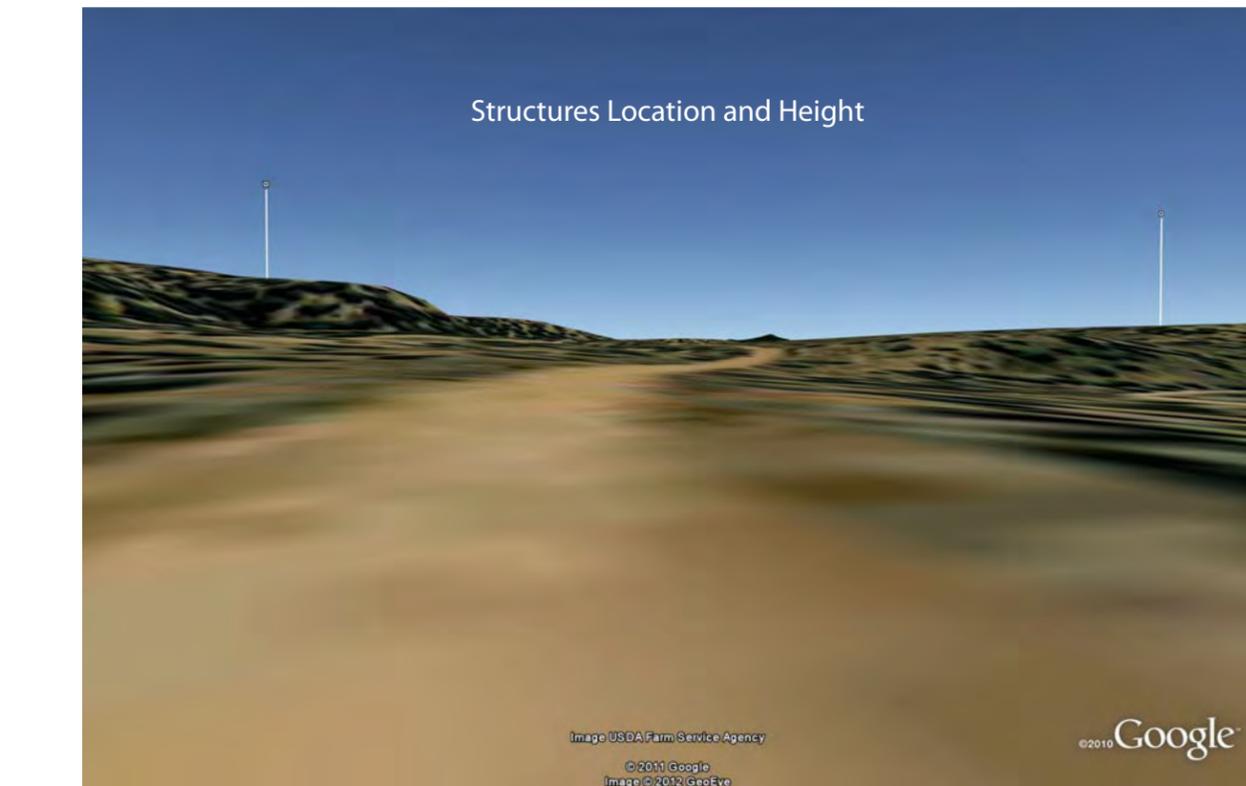
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP E-10
Mathews Canyon Reservoir
(Segment 1510)





KOP Photograph



Structures Location and Height

Image USDA Farm Service Agency

© 2011 Google
Image © 2012 GeoEye

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Form 8400-4
(September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 09/08/2011

District Ely DO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

<p>1. Project Name TransWest Express</p> <p>2. Key Observation Point E-11</p> <p>3. VRM Class IV (VRI Class III)</p>	<p>4. Location <u>Backway Loop</u> <u>Loop</u> Township <u>5S</u> Range <u>70E</u> Section <u>31</u></p>	<p>5. Location Sketch Please see Figure 3.12-3</p>
--	--	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Rolling foothills.	Dense planar blanket of pinyon-juniper and sagebrush.	Planar roadway.
LINE	Curvilinear ridgelines.	Irregular pinyon-juniper and sagebrush patterns.	Curvilinear roadway.
COLOR	Light to medium reddish tan and grey.	Dark green pinyon-juniper and medium silvery green sagebrush.	Light to medium reddish brown.
TEXTURE	Smooth landform.	Smooth, medium and coarse.	Smooth.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form									x				Evaluator's Names M. Paulson Date 09/08/2011	
Line										x				
Color										x				
Texture											x			

Rationale:

The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

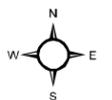
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



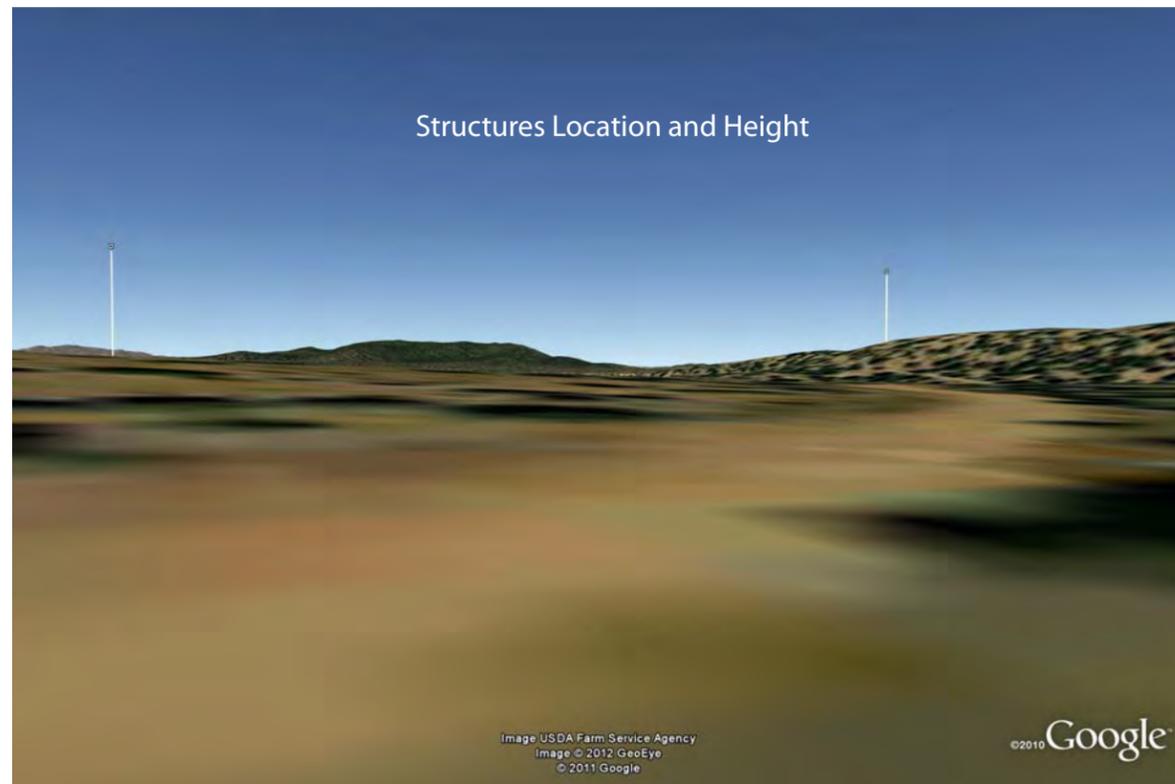
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP E-11
Backway Loop
(Segment 1510)





KOP Photograph



Structures Location and Height

Image USDA Farm Service Agency
Image © 2012 GeoEye
© 2011 Google

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 09/08/2011

District Ely DO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

<p>1. Project Name TransWest Express</p> <p>2. Key Observation Point E-12</p> <p>3. VRM Class IV (VRM Class III)</p>	<p>4. Location Backway Loop Township 5S Range 70E Section 32</p>	<p>5. Location Sketch Please see Figure 3.12-3</p>
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SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Rolling foothills.	Dense planar blanket of pinyon-juniper and sagebrush.	Planar roadway.
LINE	Curvilinear ridgelines.	Irregular pinyon-juniper and sagebrush patterns.	Curvilinear roadway.
COLOR	Light to medium reddish tan and grey.	Dark green pinyon-juniper and medium silvery green sagebrush.	Light to medium reddish brown.
TEXTURE	Smooth landform.	Smooth, medium and coarse.	Smooth.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form									x				Evaluator's Names: M. Paulson Date: 09/08/2011	
Line										x				
Color										x				
Texture											x			

Rationale:

The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

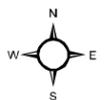
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



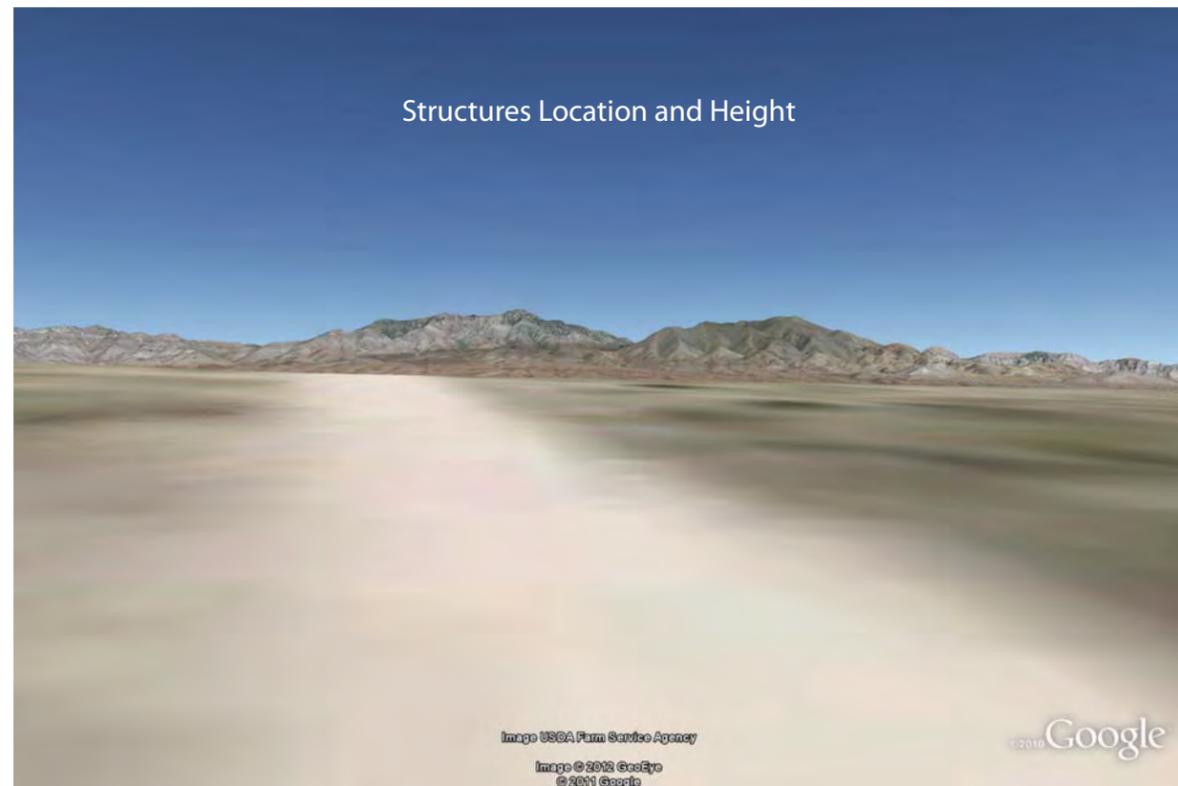
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP E-12
Backway Loop
(Segment 1510)





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 08/20/2011

District Ely DO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Tule Spr Hills</u> <u>Backway Loop (EB)</u> Township <u>9S</u> Range <u>71E</u> Section <u>10</u>	5. Location Sketch Please see Figure 3.12-3
--------------------------------------	--	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar valley floor and cliffs. Angular foothills and mountains. Meandering stream.	Clumps of riparian trees, shrubs, and Joshua trees.	Transmission line too distant to see.
LINE	Vertical cliff. Curvilinear valley and stream. Angular foothills and mountains.	Irregular riparian trees, shrubs, and Joshua trees.	Transmission line too distant to see.
COLOR	Light to medium reddish tan and grey.	Light to medium to dark green riparian trees, shrubs, and Joshua trees.	Transmission line too distant to see.
TEXTURE	Smooth landform.	Smooth, medium and coarse.	Transmission line too distant to see.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

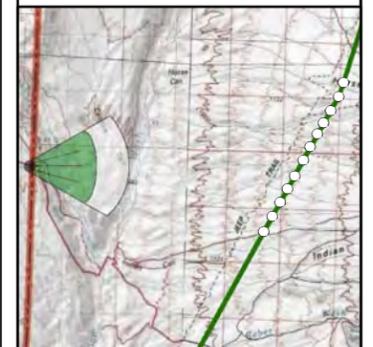
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)		
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None			
Form													x	Evaluator's Names M. Paulson	Date 08/20/2011
Line													x		
Color													x		
Texture													x		

Rationale:
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objectives. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-4, VR-6, and VR-7) would further reduce contrasts.

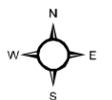
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



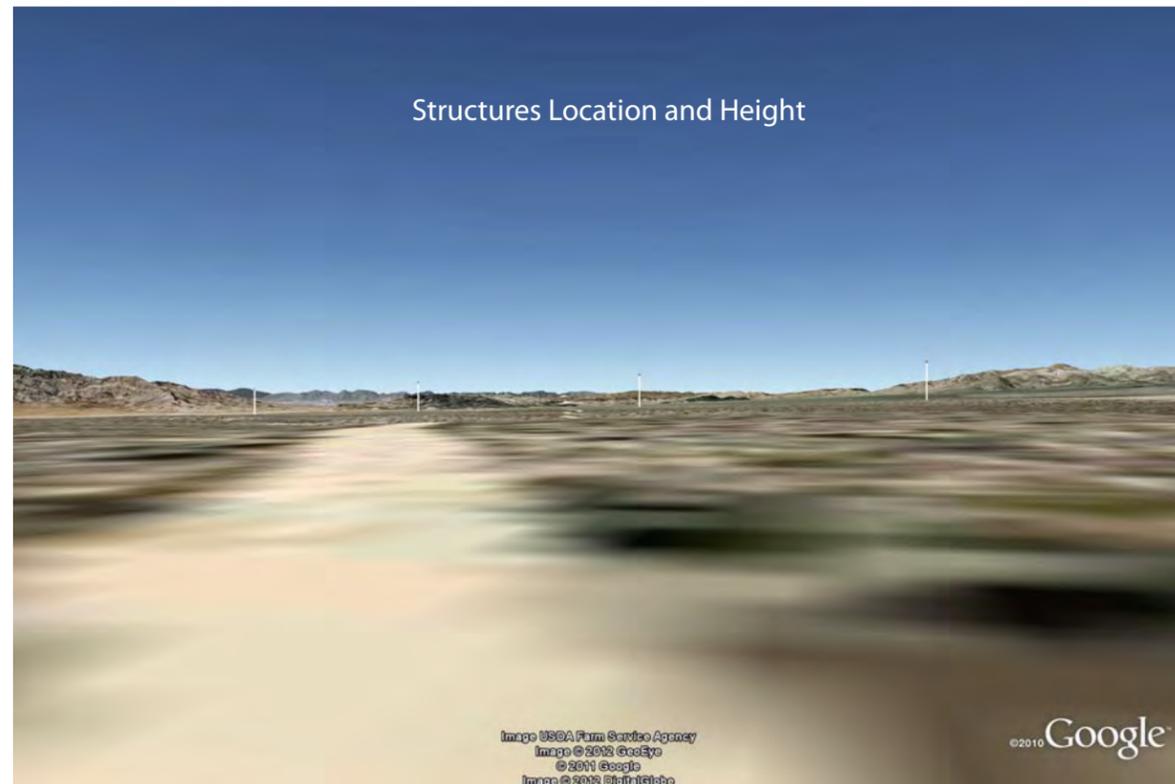
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP E-13
Tule Spring Hills
Backway Loop (eastbound)
(Segment 1502.5)





KOP Photograph



Structures Location and Height

Image USA from Google Agency
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© 2011 Google
Image © 2012 DigitalGlobe

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Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 09/08/2011

District **Ely DO**

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location_Backway Loop.	5. Location Sketch Please see Figure 3.12-3
2. Key Observation Point E-14	Township <u>9S</u>	
3. VRM Class IV (VRI Class III)	Range <u>69E</u>	
	Section <u>1</u>	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Rolling plane.	Clumps of Joshua trees, cat's claw, and high desert shrubs.	Planar roadway.
LINE	Horizontal ridgelines.	Irregular Joshua tree and shrub patterns.	Curvilinear roadway.
COLOR	Light to medium reddish tan and grey..	Silvery green to brownish green Joshua trees and shrubs.	Light to medium reddish brown.
TEXTURE	Smooth landform.	Smooth, medium and coarse.	Smooth.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

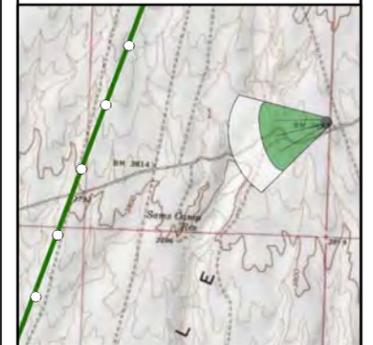
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

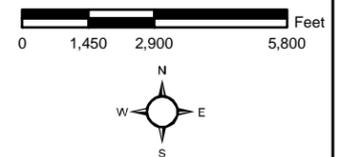
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form									x				Evaluator's Names M. Paulson Date 09/08/2011	
Line										x				
Color										x				
Texture											x			



Project Location



KOP Location



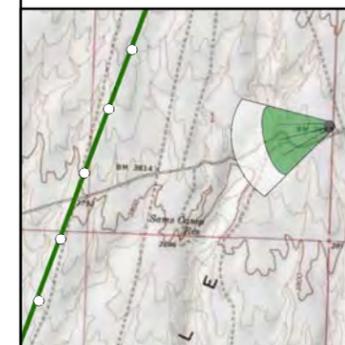
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP E-14
Backway Loop
(Segment 1510)

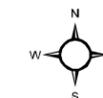




Project Location



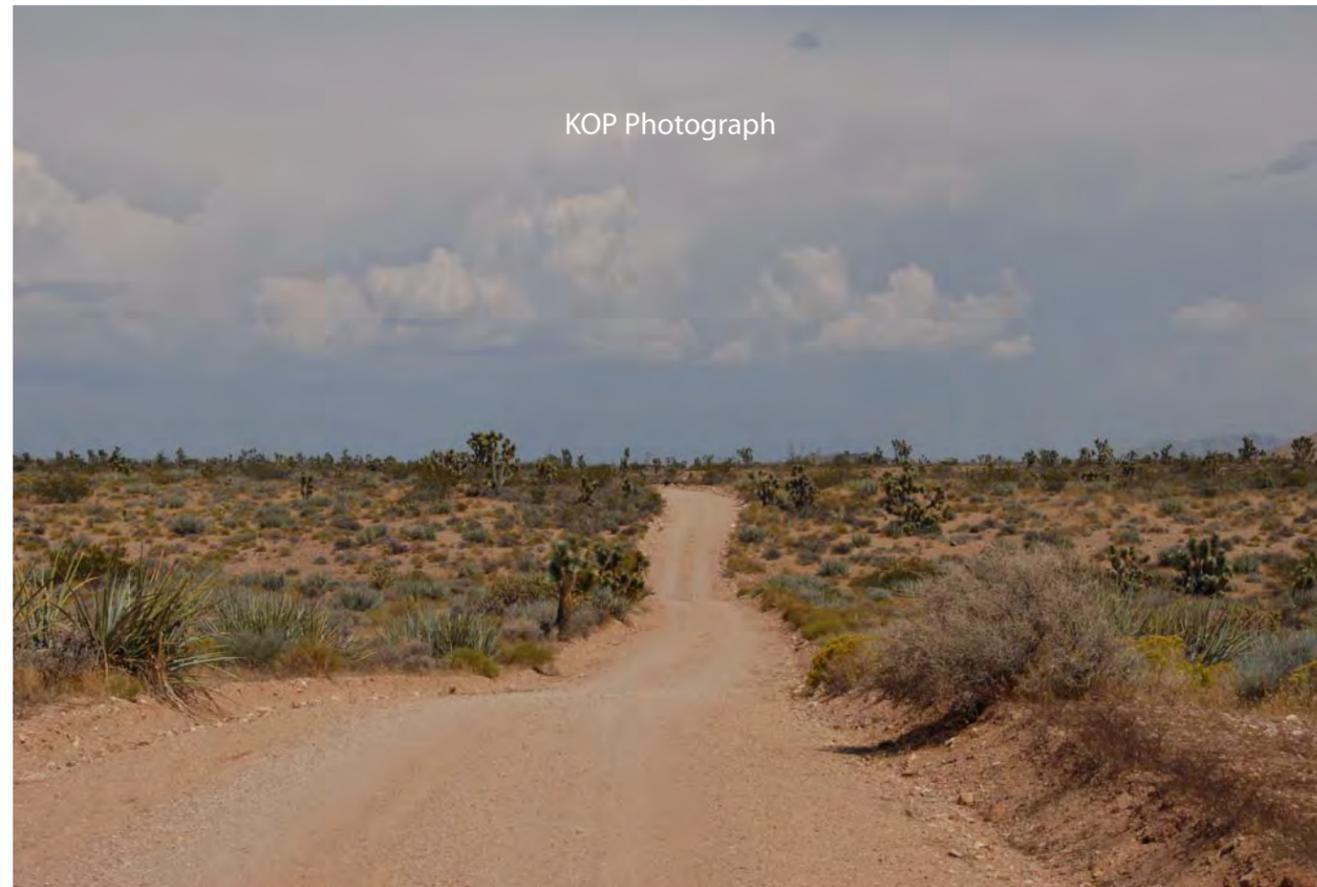
KOP Location



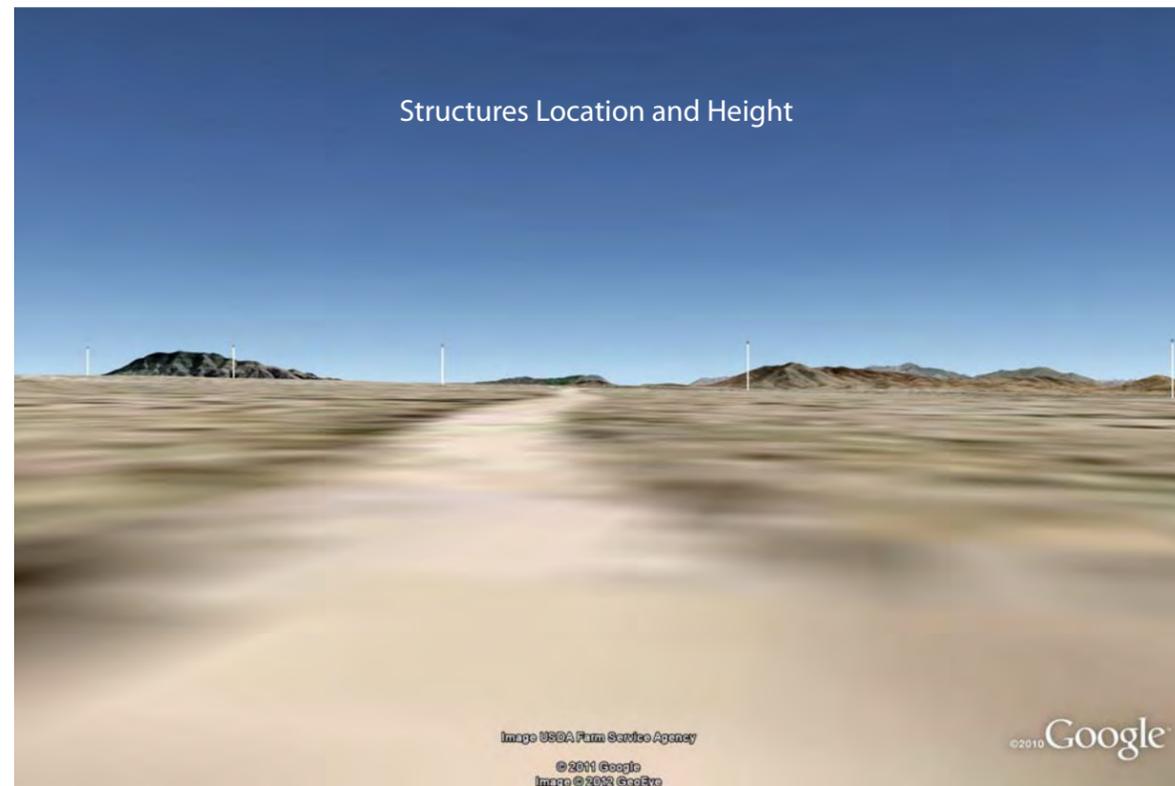
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP E-14
Simulated Condition
(Segment 1510)





KOP Photograph



Structures Location and Height

Image USFS Farm Service Agency
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Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VISUAL CONTRAST RATING WORKSHEET**

Date 09/08/2011

District Ely DO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location Backway Loop	5. Location Sketch Please see Figure 3.12-3
2. Key Observation Point E-15	Township 9S	
3. VRM Class IV (VRI Class IV)	Range 69E	
	Section 11	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Rolling plane.	Clumps of Joshua trees, cat's claw, yucca and high desert shrubs.	Planar roadway.
LINE	Horizontal ridgelines.	Irregular Joshua tree, yucca, and shrub patterns.	Curvilinear roadway.
COLOR	Light to medium reddish tan and grey.	Silvery green to brownish green Joshua trees, yucca, and shrubs.	Light to medium reddish brown.
TEXTURE	Smooth landform.	Smooth, medium and coarse.	Smooth.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form									X				Evaluator's Names M. Paulson	Date 09/08/2011
Line										X				
Color										X				
Texture											X			

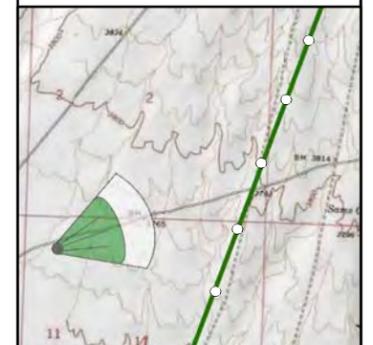
Rationale:

The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

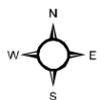
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



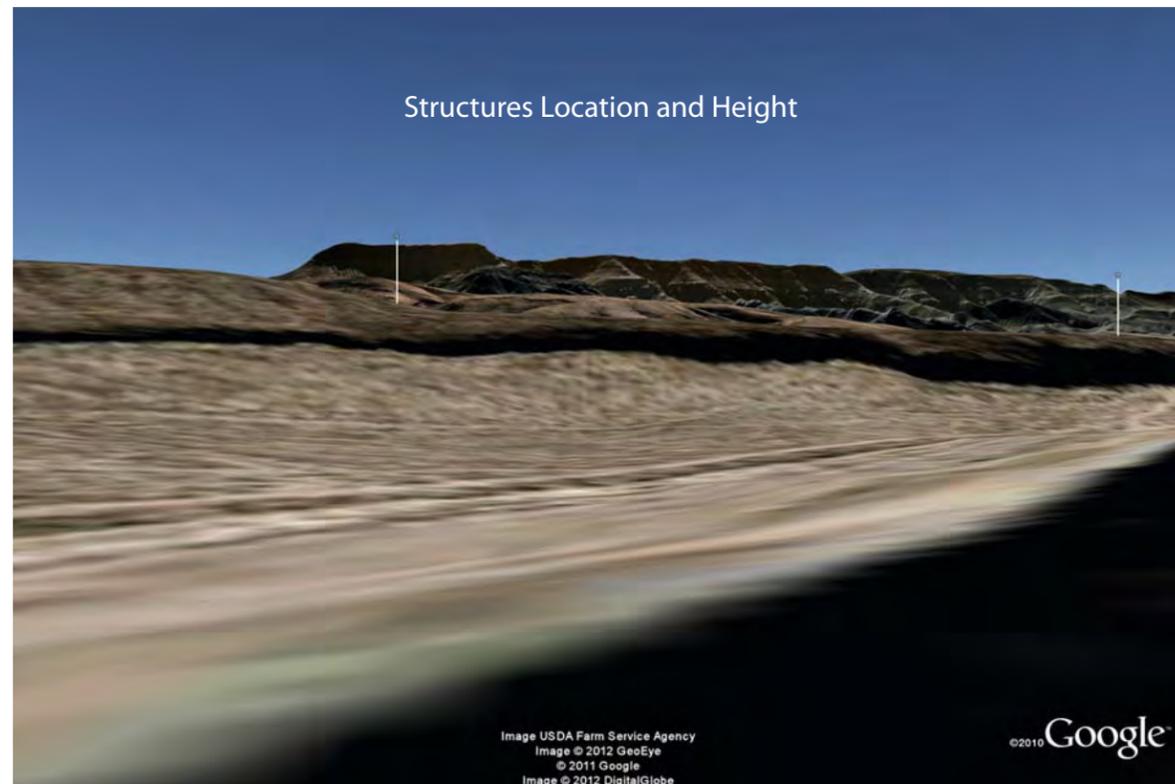
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP E-15
Backway Loop
(Segment 1510)





KOP Photograph



Structures Location and Height

Image USDA Farm Service Agency
Image © 2012 GeoEye
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Image © 2012 DigitalGlobe

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Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 09/08/2011

District Ely DO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>US-93 – Pahranaqat (SB)</u> Township <u>9S</u> Range <u>62E</u> Section <u>3</u>	5. Location Sketch Please see Figure 3.12-3
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SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Foreground rolling and background escarpment	Clumps of desert shrubs and grasses.	Planar roadway.
LINE	Angular ridgelines and banded escarpment.	Irregular shrub and grass patterns.	Curvilinear roadway.
COLOR	Light to medium reddish tan and grey to dark brown.	Silvery green to tan and brownish green shrubs and grasses.	Light to medium grey and tan shoulders.
TEXTURE	Smooth to coarse landform.	Smooth, medium and coarse.	Smooth.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form									x				Evaluator's Names: M. Paulson Date: 09/08/2011	
Line										x				
Color										x				
Texture											x			

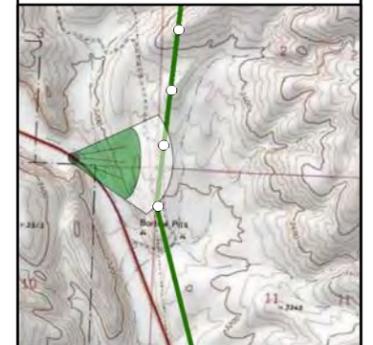
Rationale:

The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

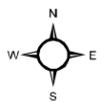
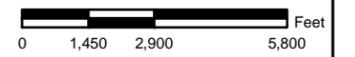
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



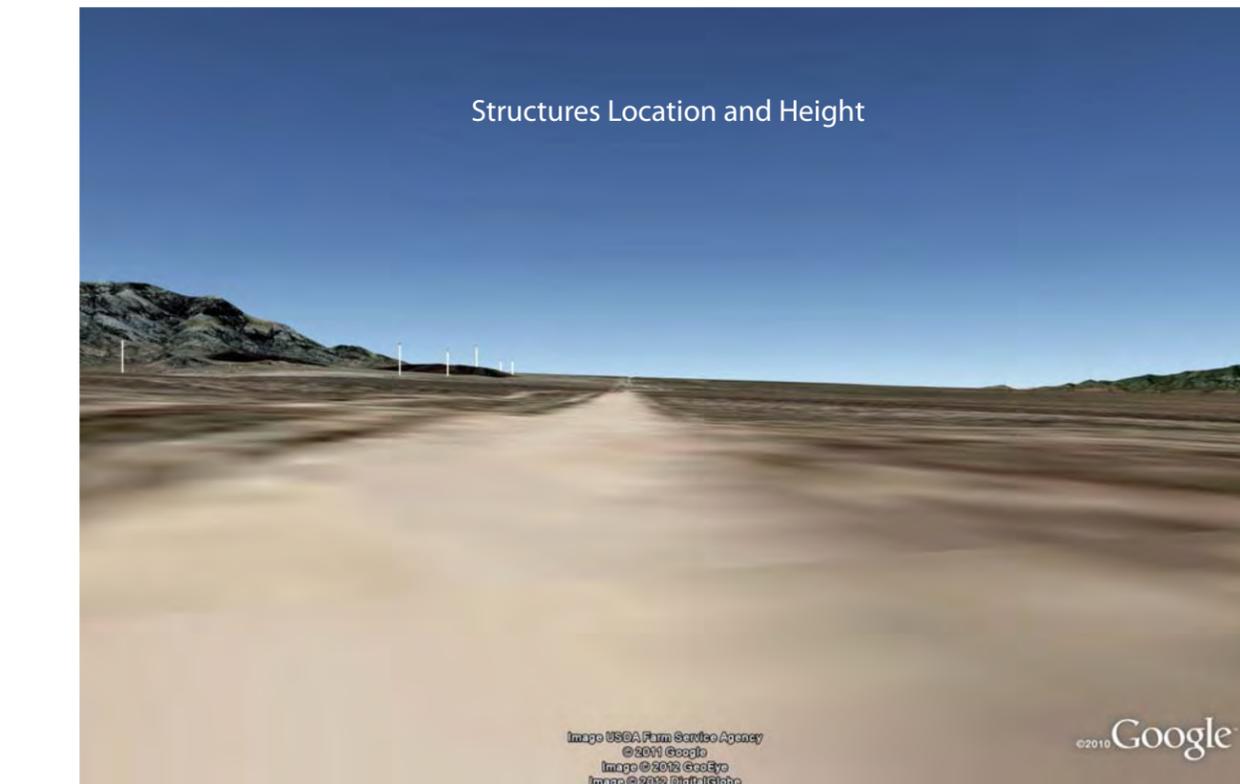
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP E-16
U.S. 93-Pahranaqat
(southbound)
(Segment 1520)





KOP Photograph



Structures Location and Height

Image USA Farm Service Agency
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Image © 2012 Google

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Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 09/08/2011

District Ely DO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location_N_Poleline Rd. (SB) Township_3S Range_64E Section_35	5. Location Sketch Please see Figure 3.12-3
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SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Foreground rolling and angular background mountains.	Clumps of Joshua trees, desert shrubs and grasses.	Planar H-Frame transmission line and roadway.
LINE	Angular ridgelines, rock formations, and ridges, and horizontal valley.	Irregular Joshua trees, shrub and grass patterns.	Vertical and horizontal structures and curvilinear roadway and conductors.
COLOR	Light to medium reddish tan and grey.	Silvery green to tan and brownish green Joshua trees, shrubs and grasses..	Light to medium tan roadway and dark brown T-line structures.
TEXTURE	Smooth to coarse landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)					
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)				
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None						
Form																	Evaluator's Names M. Paulson	Date 09/08/2011
Line																		
Color																		
Texture																		

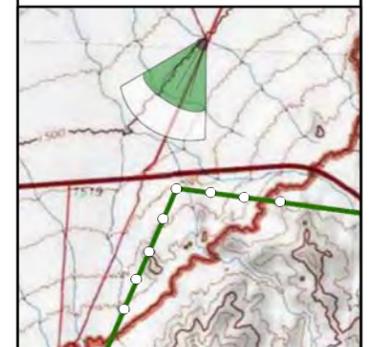
Rationale:

Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objectives. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-4, VR-6, and VR-7) would further reduce contrasts.

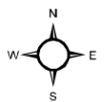
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



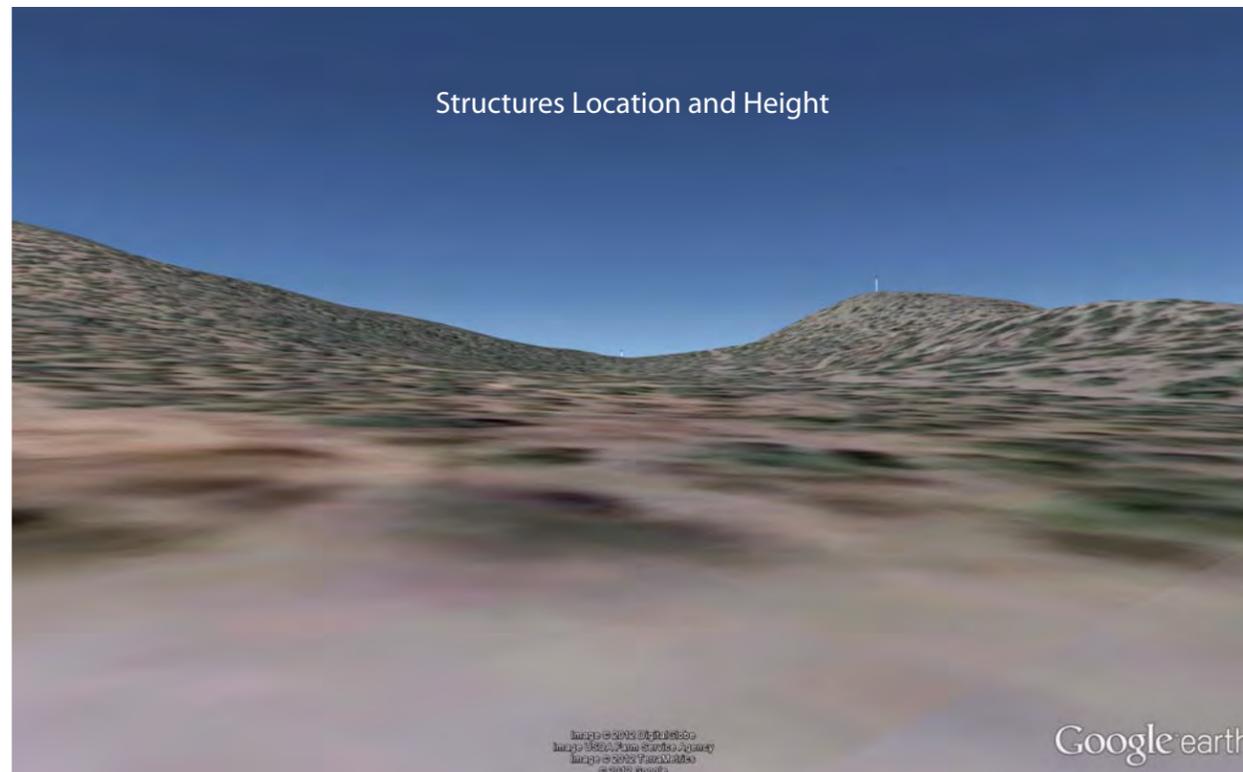
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP E-28
North Poleline Road
(southbound)
(Segment 1520)





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 09/08/2011

District Ely DO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Silver State</u> <u>Trailhead and Parking</u> <u>Township 4S</u> <u>Range 65E</u> <u>Section 14</u>	5. Location Sketch Please see Figure 3.12-3
--------------------------------------	--	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Foreground rolling and angular mountain.	Clumps of pinyon-juniper and grasses.	Planar foreground fence and parking.
LINE	Angular ridgelines, rock formations, and ridges, and horizontal valley.	Irregular pinyon-juniper and grass patterns.	Vertical and horizontal fence elements.
COLOR	Light to medium reddish tan and grey.	Dark green pinyon-juniper, shrubs and grasses.	Light to medium tan roadway and fence.
TEXTURE	Smooth to coarse landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Explain on reverse side)		
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None			
Form								X	X					Evaluator's Names M. Paulson	Date 09/08/2011
Line								X	X						
Color								X	X						
Texture								X	X				X		

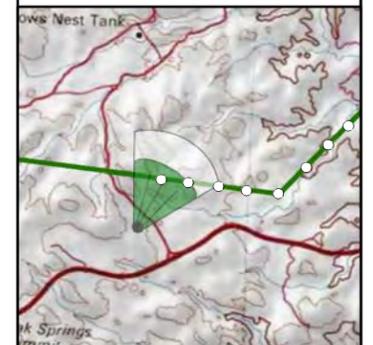
Rationale:

Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objectives. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-4, VR-6, and VR-7) would further reduce contrasts.

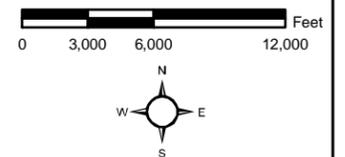
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



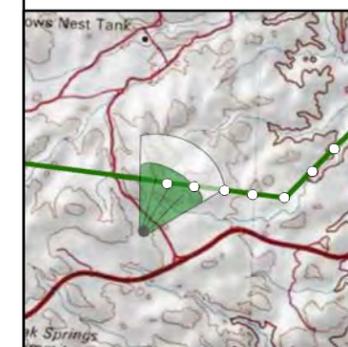
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP E-29
Silver State Trailhead
and Parking
(Segment 1520)

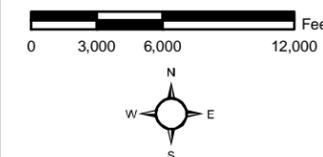




Project Location



KOP Location



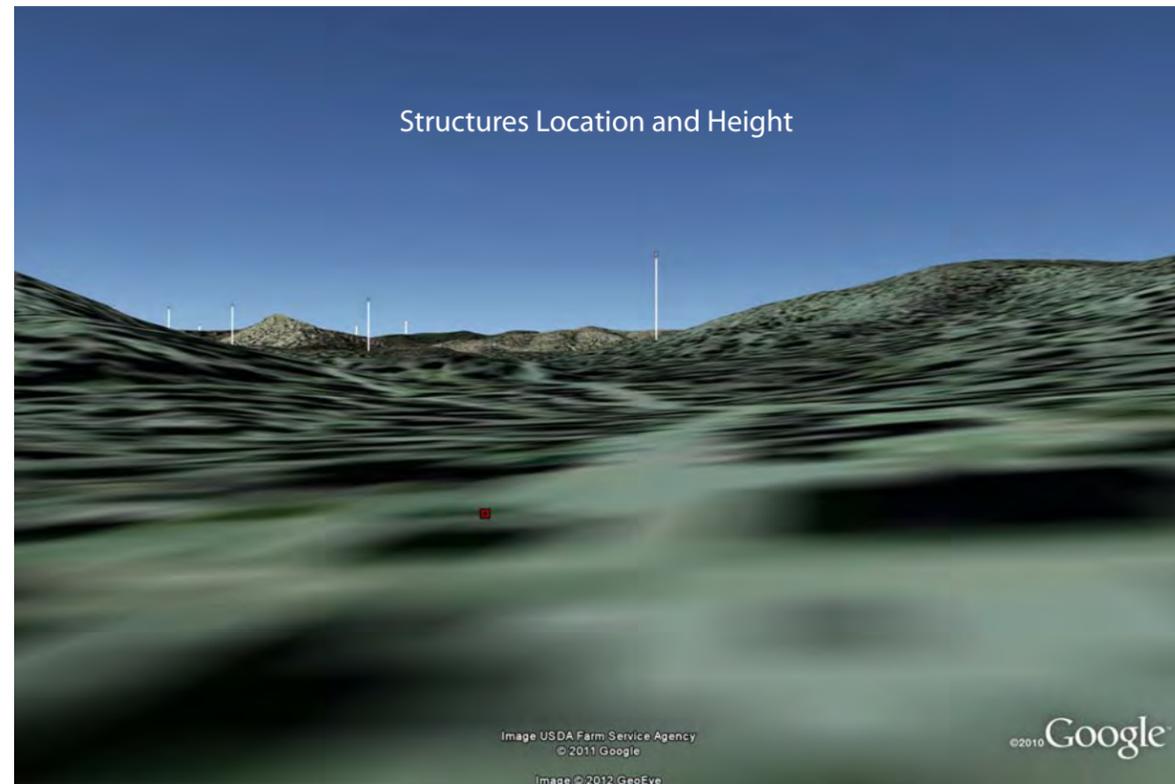
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP E-29
Simulated Condition
(Segment 1520)





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 09/08/2011

District Ely DO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Silver State</u> <u>Trail Road (NB)</u> <u>Township 4S</u> <u>Range 66E</u> <u>Section 5</u>	5. Location Sketch Please see Figure 3.12-3
--------------------------------------	---	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Undulating planar land form.	Blanket of pinyon-juniper. Clumps of shrubs and grasses.	Planar road.
LINE	Angular ridgeline.	Irregular pinyon-juniper, shrub and grass patterns.	Meandering roadway.
COLOR	Light to medium reddish tan and grey.	Medium to dark olive green pinyon-juniper. Yellowish green shrubs and tan grasses.	Light to medium reddish tan.
TEX-TURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form													Evaluator's Names M. Paulson	Date 09/08/2011
Line												x		
Color												x		
Texture												x		

Rationale:
Where the Project would be located within 0.5 mile of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III management objectives. Mitigation measures (VR-1, VR-3, VR-4, VR-5, VR-7, VR-9, VR-10, and VR-12) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 mile away from viewer locations.

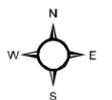
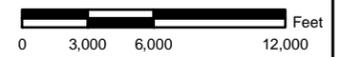
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP E-30
Silver State Trail Road
(northbound)
(Segment 1520)





KOP Photograph



Structures Location and Height

Image USDA Farm Service Agency
Image © 2012 GeoEye
© 2011 Google

©2010 Google

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 09/08/2011

District Ely DO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Silver State</u> Trail Road (NB)	5. Location Sketch Please see Figure 3.12-3
2. Key Observation Point E-31	Township <u>4S</u>	
3. VRM Class III (VRI Class III)	Range <u>66E</u> Section <u>6</u>	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Undulating planar land form. Angular background mountains.	Blanket of pinyon-juniper. Clumps of shrubs and grasses.	Planar road.
LINE	Angular ridgelines.	Irregular pinyon-juniper, shrub and grass patterns.	Meandering roadway.
COLOR	Light to medium reddish tan and grey.	Medium to dark olive green pinyon-juniper. Yellowish green shrubs and tan grasses.	Light to medium reddish tan.
TEXTURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

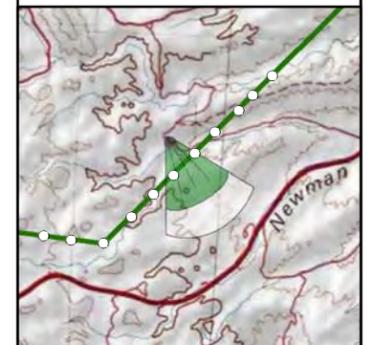
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form												X	Evaluator's Names M. Paulson	Date 09/08/2011
Line												X		
Color												X		
Texture												X		

Rationale:
Where the Project would be located within 0.5 mile of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III management objectives. Mitigation measures (VR-1, VR-3, VR-4, VR-5, VR-7, VR-9, VR-10, and VR-12) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 mile away from viewer locations.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

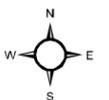


Project Location



KOP Location

0 3,000 6,000 12,000 Feet



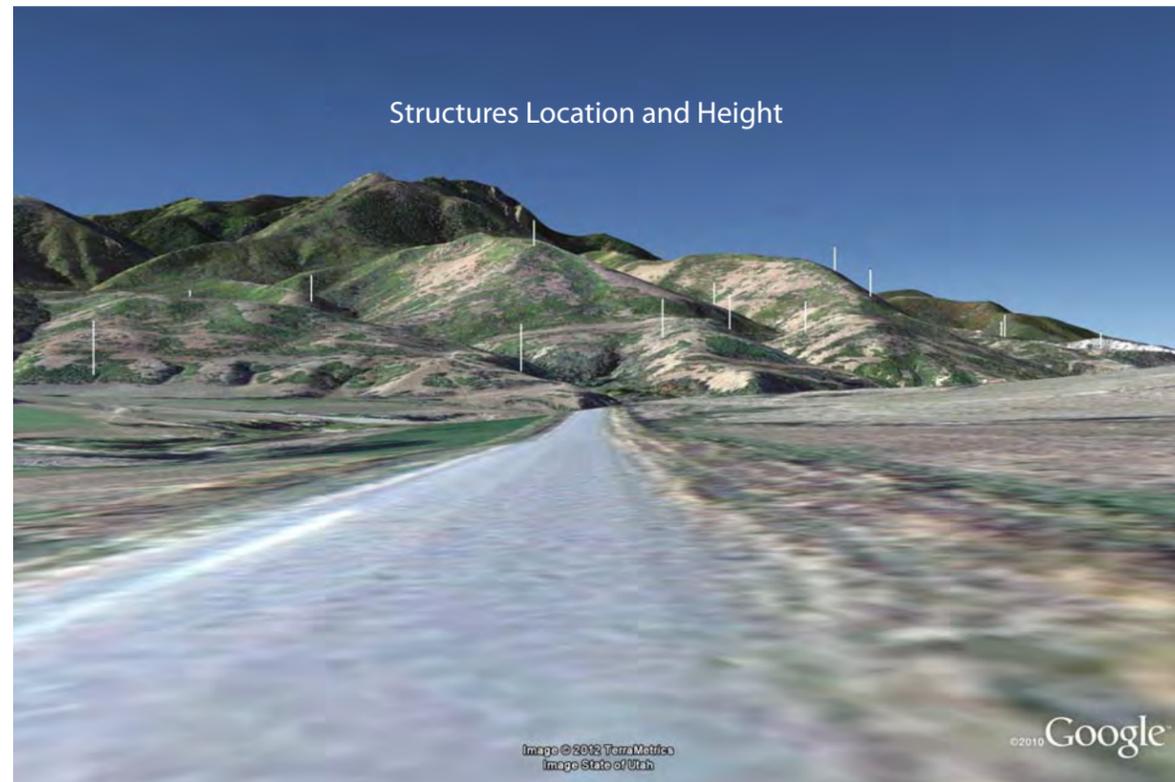
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP E-31
Silver State Trail Road
(northbound)
(Segment 1520)





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 07/27/2011

District Fillmore FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Nebo Loop</u> <u>Scenic Byway</u> Township <u>13S</u> Range <u>2E</u> Section <u>5</u>	5. Location Sketch Please see Figure 3.12-2
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SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Prominent rounded mountains and planar valley floor.	Scattered clumps of conifers, shrubs and grasses.	Prominent steel lattice tower, wood poles, planar roadway and ranch structures.
LINE	Curvilinear and angular mtn. ridges and horizontal valley floor.	Irregular tree and shrub pattern edges.	Horizontal roadways.
COLOR	Light to medium reddish tan rock formations.	Light to medium to dark green trees, shrubs and grasses.	Dark grey lattice, light to medium poles, light to medium grey roadways and buildings.
TEXTURE	Smooth to medium landforms.	Smooth, moderate and coarse.	Smooth to medium to coarse lattice.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)		
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None			
Form													x	Evaluator's Names M. Paulson	Date 07/27/2011
Line													x		
Color													x		
Texture													x		

Rationale:

The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

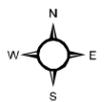
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



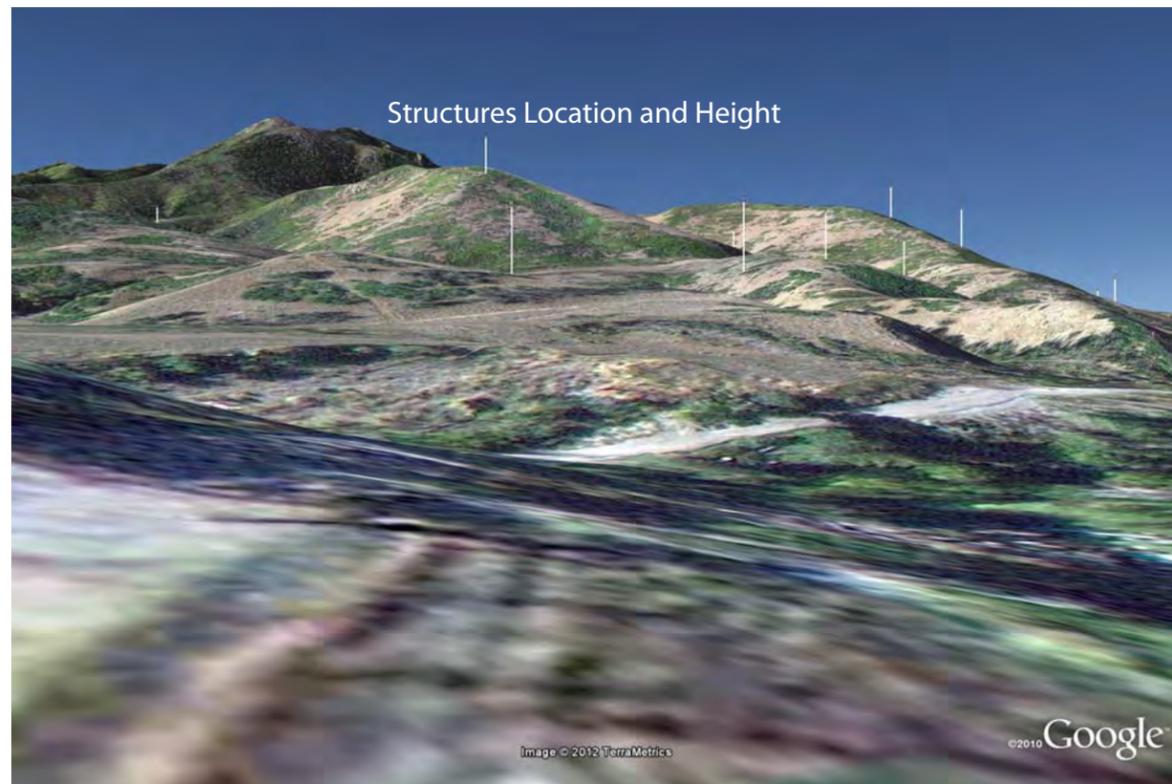
KOP Location



TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP F-1
Nebo Loop Scenic Byway
(Segment 1320.2)





Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 07/27/2011

District Fillmore FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Big Mountain</u> <u>Campground RV-Park</u> <u>Township 13S</u> <u>Range 2E</u> <u>Section 5</u>	5. Location Sketch Please see Figure 3.12-2
2. Key Observation Point F-2		
3. VRM Class IV		

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Prominent rounded mountains and planar valley floor.	Scattered clumps of trees, shrubs and grasses.	Prominent sign, wood poles, and planar roadway.
LINE	Curvilinear and angular mtn. ridges and horizontal valley floor.	Irregular tree and shrub pattern edges.	Horizontal roadway and vertical post and poles.
COLOR	Light to medium reddish tan rock formations.	Light to medium to dark green trees, shrubs and grasses.	Colorful sign, light to medium poles, and light to medium grey roadway.
TEXTURE	Smooth to medium landforms.	Smooth, moderate and coarse.	Smooth to medium..

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)				
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None					
Form																	
Line																	
Color																	
Texture																	

2. Does project design meet visual resource management objectives? Yes No (Explain on reverse side)

3. Additional mitigating measures recommended Yes No (Explain on reverse side)

Evaluator's Names M. Paulson	Date 07/27/2011
---------------------------------	--------------------



Project Location



KOP Location

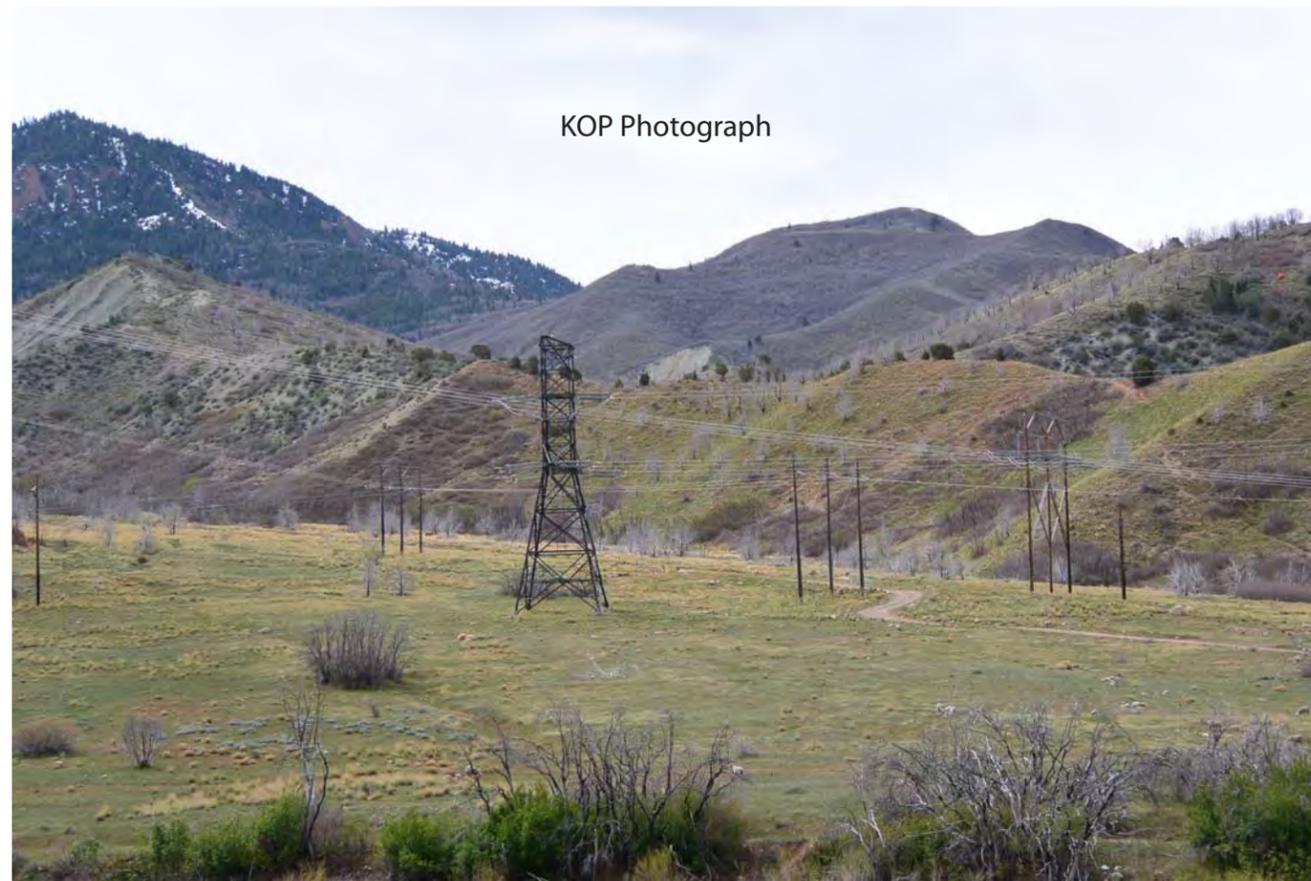
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP F-2
Big Mountain
Campground RV-Park
(Segment 1320.2)

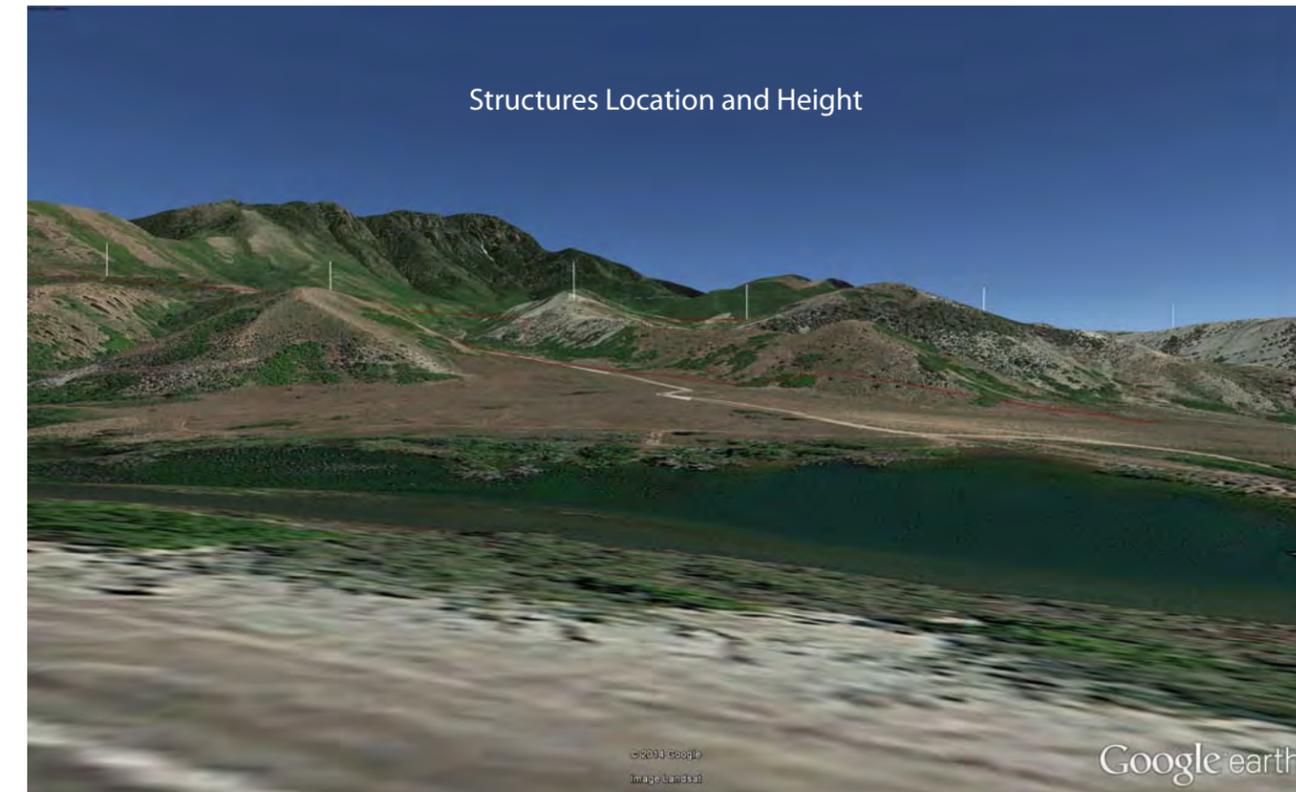


Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 04/28/2014

District Fillmore FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Utah SH-132</u> <u>(WB)</u> Township <u>13S</u> Range <u>2E</u> Section <u>6</u>	5. Location Sketch Please see Figure 3.12-2
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SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Prominent rounded mountains and narrow valley floor.	Scattered clumps of trees, shrubs and grasses.	Prominent planar roadway.
LINE	Curvilinear and angular mtn. ridges and inclined valley floor.	Irregular tree and shrub pattern edges.	Horizontal and curvilinear roadway.
COLOR	Light to medium reddish tan and grey rock formations.	Light to medium to dark green trees, shrubs and grasses.	Light to medium grey roadway.
TEXTURE	Smooth to medium landforms.	Smooth, moderate and coarse.	Smooth to medium roadway.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form												X	Evaluator's Names M. Paulson	Date 04/28/2014
Line												X		
Color												X		
Texture														

Rationale:
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objectives. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-4, VR-6, and VR-7) would further reduce contrasts.

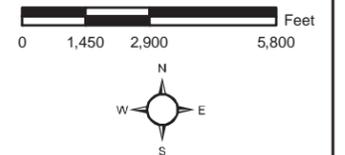
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP F-3
Utah SH-132
(westbound)
(Segment 1340)





Project Location



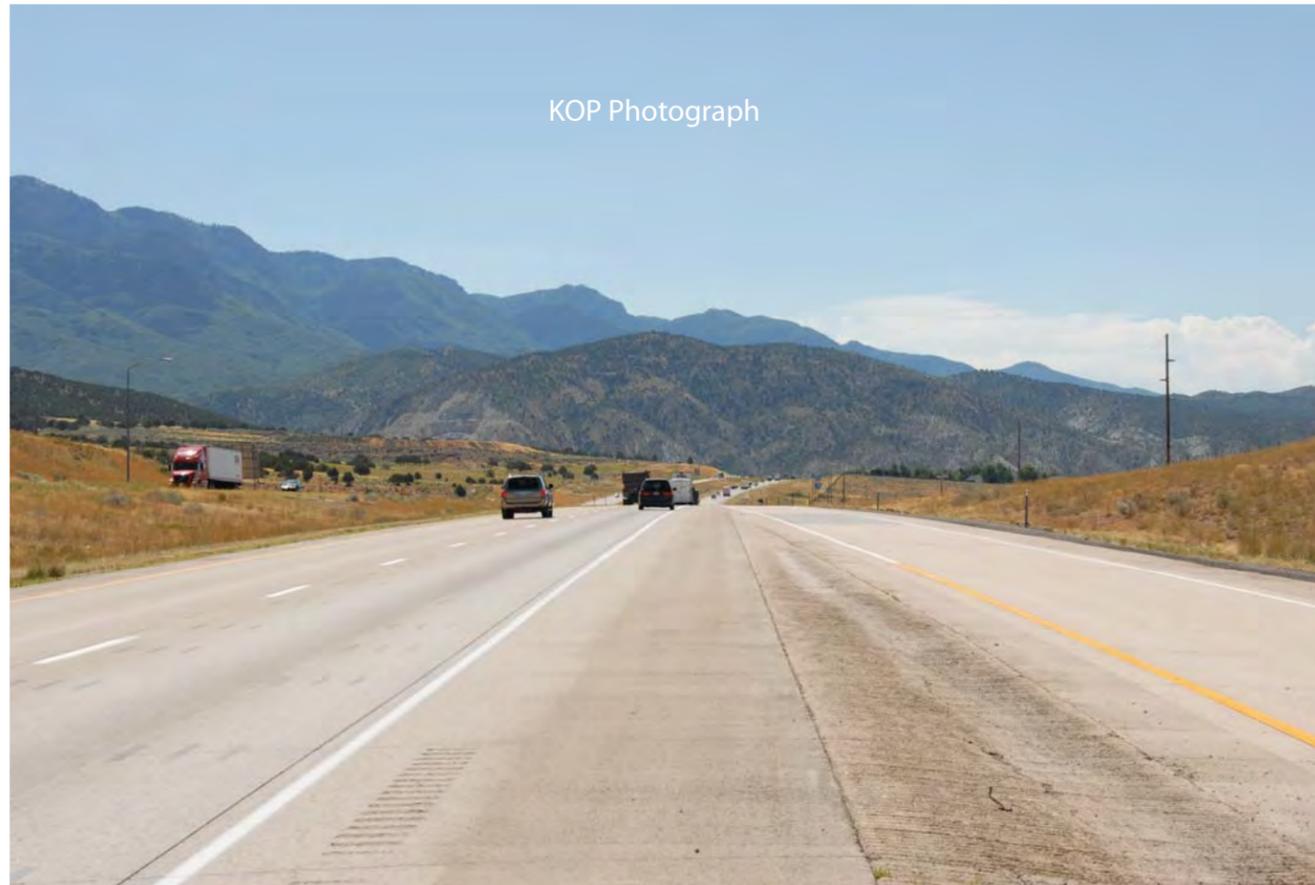
KOP Location



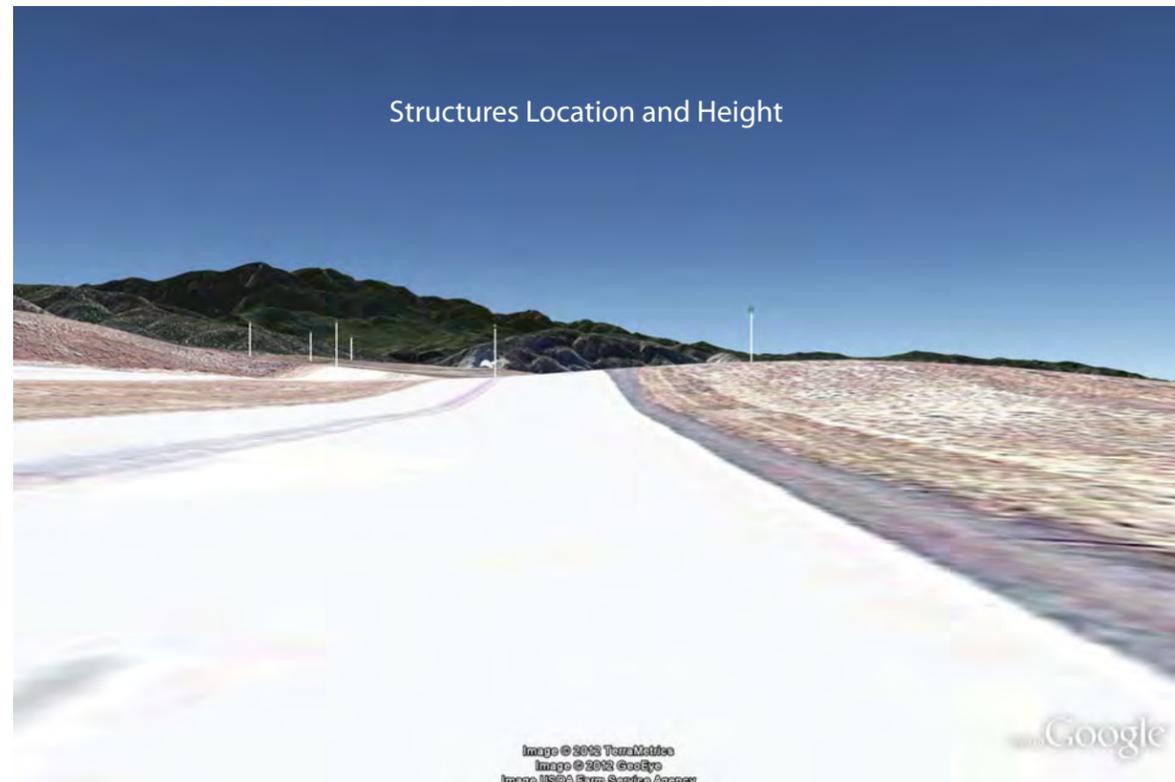
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP F-3
Simulated Condition
(Segment 1340)





KOP Photograph



Structures Location and Height

Image © 2012 TerraMetrics
Image © 2012 GeoEye
Image USDA Farm Service Agency

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 08/18/2011

District Fillmore FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>I-15 (SB)</u> Township <u>13S</u> Range <u>1E</u> Section <u>17</u>	5. Location Sketch Please see Figure 3.12-2
2. Key Observation Point F-4		
3. VRM Class III		

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Prominent rounded mountains and narrow valley floor.	Scattered clumps of trees, shrubs and grasses.	Prominent planar roadway.
LINE	Curvilinear and angular mtn. ridges and inclined valley floor.	Irregular tree and shrub pattern edges.	Horizontal and curvilinear roadway.
COLOR	Light to medium reddish tan and grey rock formations.	Light to medium to dark green trees, shrubs and grasses.	Light to medium grey roadway.
TEXTURE	Smooth to medium landforms.	Smooth, moderate and coarse.	Smooth to medium roadway.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

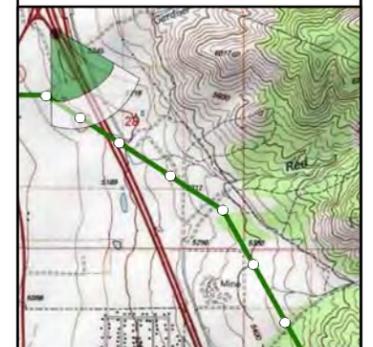
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

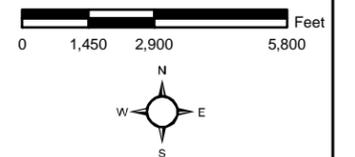
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form													X	Evaluator's Names M. Paulson Date 07/27/2011
Line													X	
Color													X	
Texture													X	



Project Location



KOP Location



TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP F-4
Interstate 15
(southbound)
(Segment 1340)



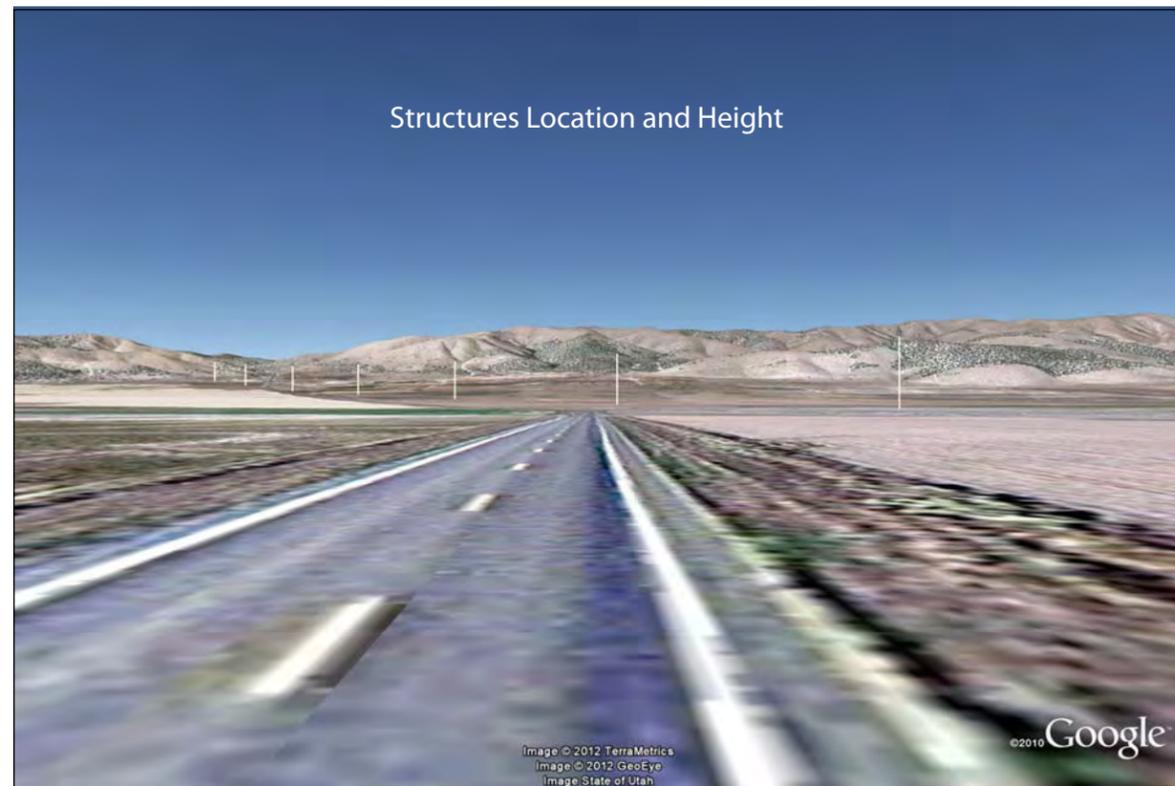
Rationale:

Where the Project would be located within 0.5 mile of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III management objectives. Mitigation measures (VR-1, VR-3, VR-4, VR-5, VR-7, VR-9, VR-10, and VR-12) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 mile away from viewer locations.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 08/18/2011
District Fillmore FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location Utah SH-132 (WB) Township 13S Range 1W Section 1	5. Location Sketch Please see Figure 3.12-2
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SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Background rounded mountains and wide valley floor.	Blanket and scattered clumps of pinyon-juniper, shrubs and grasses.	Cylindrical poles, planar road, and cubed ranch structures.
LINE	Curvilinear and angular mtn. ridges and planar valley floor.	Irregular tree and shrub pattern edges.	Vertical poles, horizontal road, and horizontal and vertical structures.
COLOR	Light to medium reddish tan landforms	Light to medium to dark green trees, shrubs and grasses.	Medium to dark brown poles and grey road and structures.
TEXTURE	Smooth to medium landforms.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form													X	Evaluator's Names M. Paulson Date 08/18/2011
Line													X	
Color													X	
Texture													X	

Rationale:

Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objectives. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-4, VR-6, and VR-7) would further reduce contrasts.

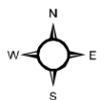
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



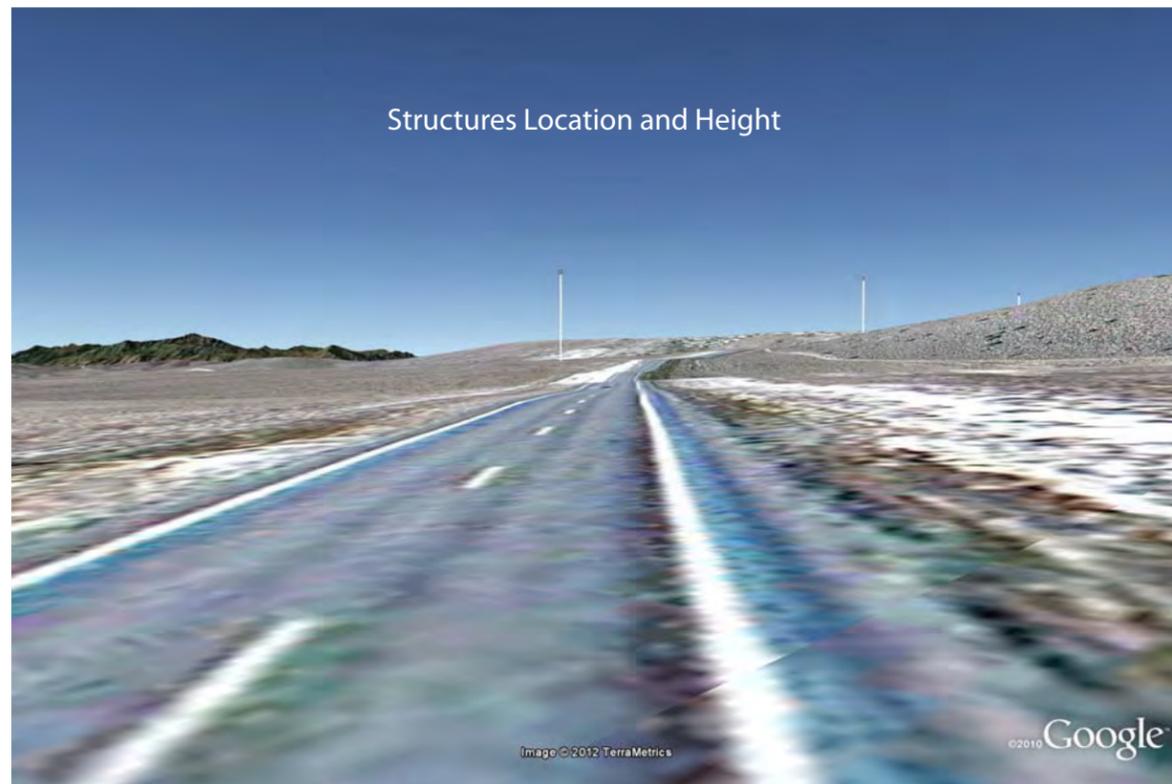
KOP Location



TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP F-7
Utah State Hwy 132 (westbound)
(Segment 1340)





Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 08/18/2011

District Fillmore FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Utah SH-132</u> <u>(WB)</u>	5. Location Sketch Please see Figure 3.12-2
2. Key Observation Point F-8	Township <u>13S</u>	
3. VRM Class IV	Range <u>2W</u>	
	Section <u>22</u>	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

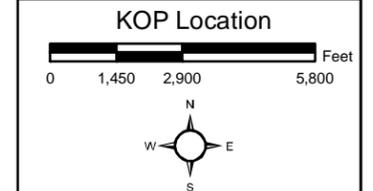
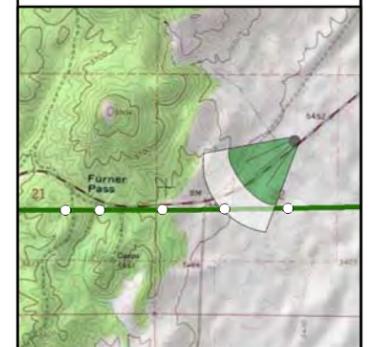
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular ridges.	Blanket and scattered clumps of pinyon-juniper, shrubs and grasses.	Planar road.
LINE	Curvilinear and angular mtn. ridges and planar valley floor.	Irregular tree and shrub pattern edges.	Horizontal road.
COLOR	Light to medium reddish tan landforms.	Light to medium to dark green trees, shrubs and grasses.	Medium grey road.
TEX-TURE	Smooth to medium landforms.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form												X	Evaluator's Names M. Paulson	Date 08/18/2011
Line												X		
Color												X		
Texture												X		



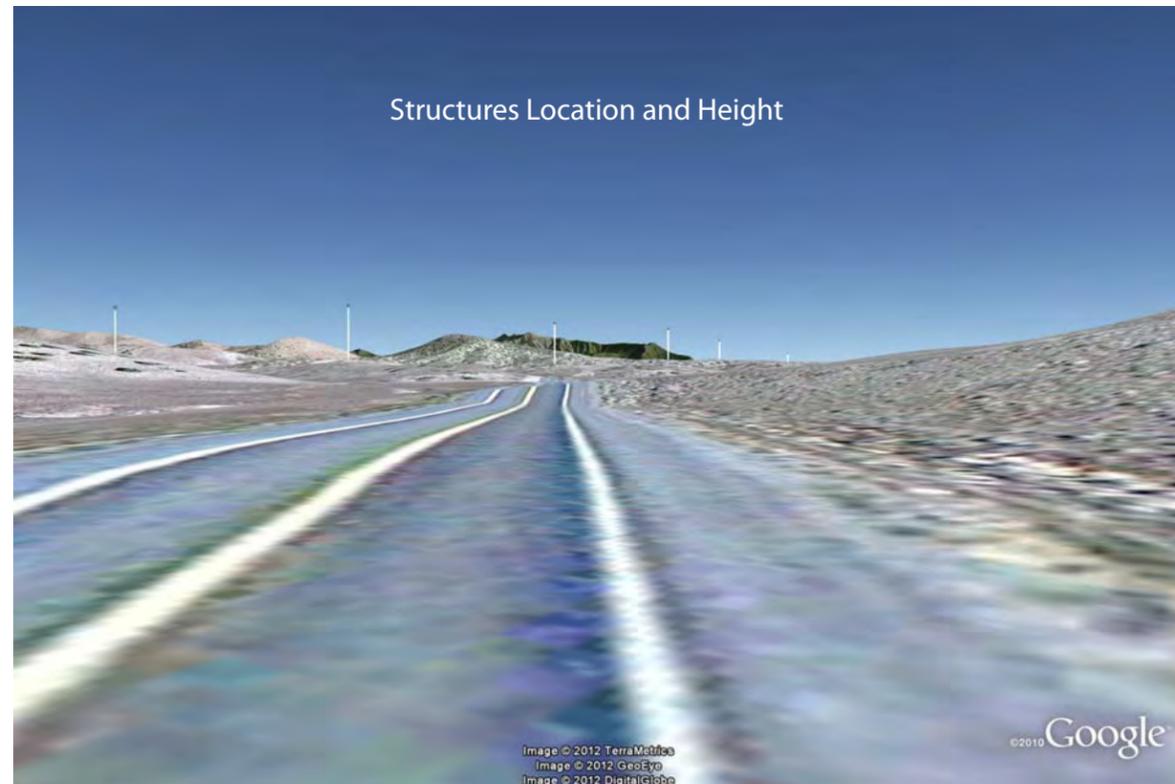
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP F-8
Utah State Hwy 132
(westbound)
(Segment 1360)



Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 08/18/2011

District Fillmore FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Utah SH-132</u> (EB) Township <u>13S</u> Range <u>2W</u> Section <u>29</u>	5. Location Sketch Please see Figure 3.12-2
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SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

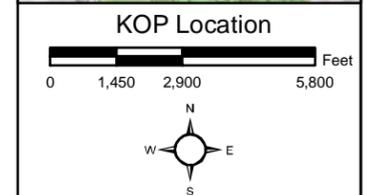
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular ridges.	Blanket and scattered clumps of pinyon-juniper, shrubs and grasses.	Planar road.
LINE	Curvilinear and angular mt. ridges and planar valley floor.	Irregular tree and shrub pattern edges.	Horizontal road.
COLOR	Light to medium grey and tan landforms.	Light to medium to dark green trees, shrubs and grasses.	Medium grey road.
TEXTURE	Smooth to medium landforms.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form									x				Evaluator's Names M. Paulson Date 08/18/2011	
Line										x				
Color										x				
Texture											x			



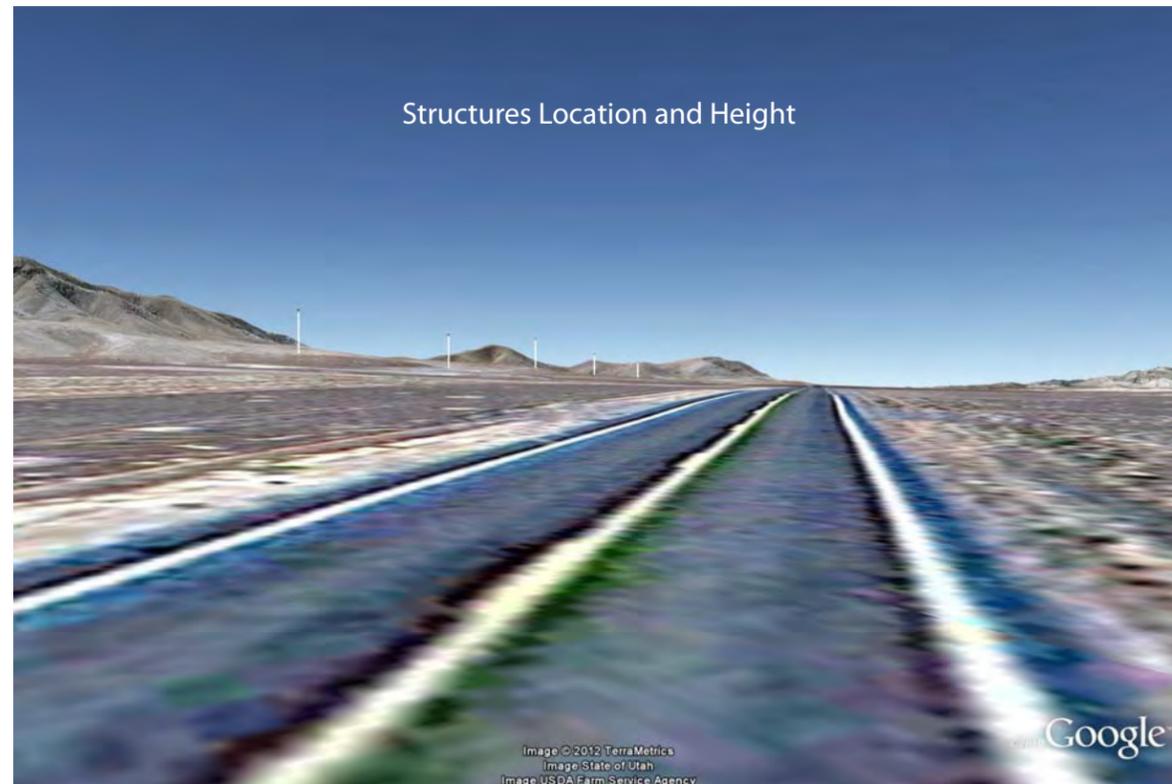
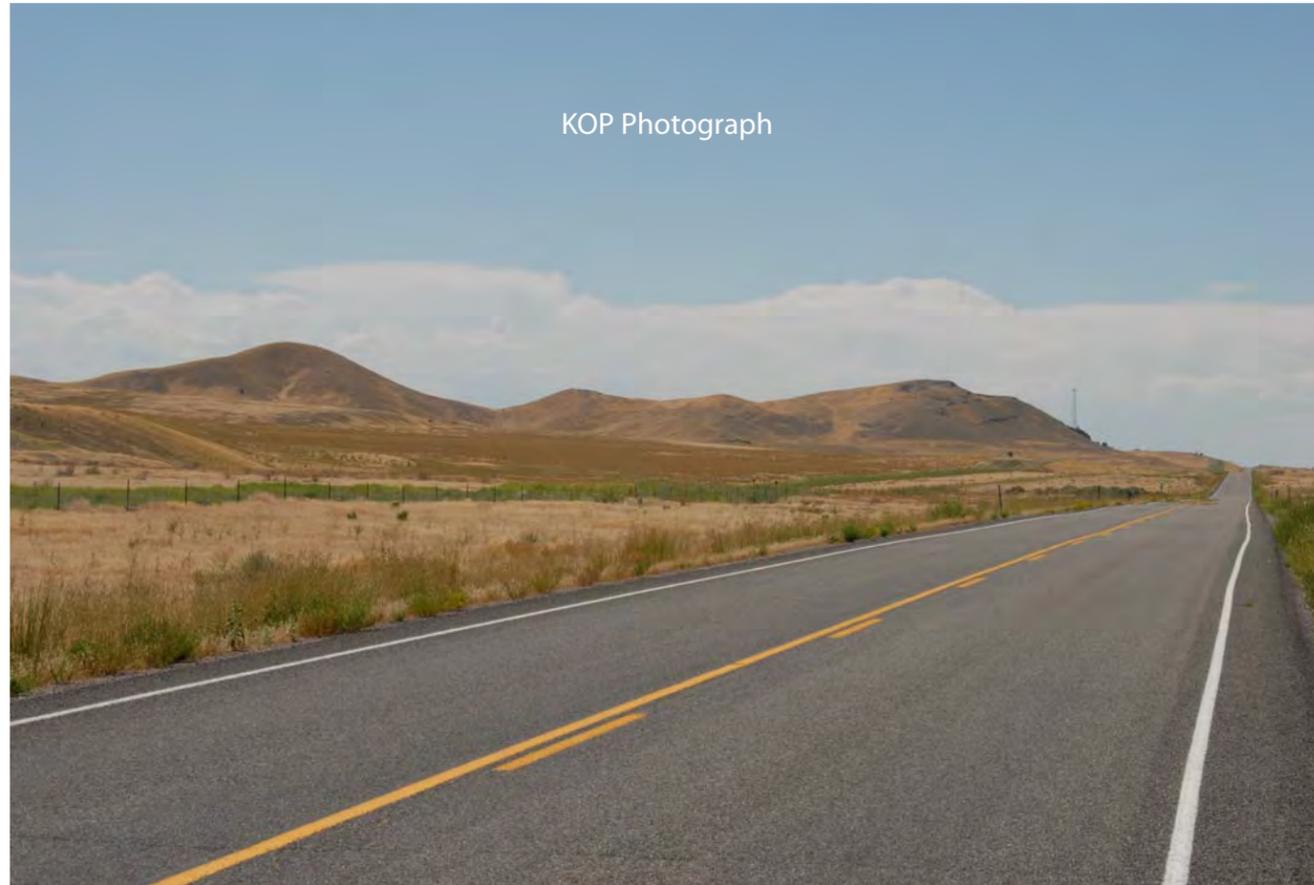
Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP F-9
Utah State Hwy 132
(eastbound)
(Segment 1360)





Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 08/18/2011

District **Fillmore FO**

Resource Area _____

Activity (program) _____

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>US-6 (WB)</u> Township <u>13S</u> Range <u>4W</u> Section <u>23</u>	5. Location Sketch Please see Figure 3.12-2
2. Key Observation Point F-10		
3. VRM Class III		

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular ridges.	Planar pipeline ROW, clumps and blankets, of shrubs and grasses.	Planar road and fence line.
LINE	Curvilinear and angular mtn. ridges and planar valley floor.	Linear ROW and indistinct shrub and grass pattern edges.	Horizontal road and fence line.
COLOR	Light to medium tan and brown landforms.	Light to medium to dark green ROW and light to medium tan shrubs and grasses.	Medium grey road and dark brown fenceposts.
TEX- TURE	Smooth to medium landforms.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX- TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

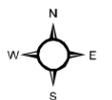
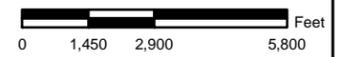
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form									x				Evaluator's Names: M. Paulson Date: 08/18/2011	
Line										x				
Color										x				
Texture											x			



Project Location



KOP Location



TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP F-10
U.S. 6
(westbound)
(Segment 1360)



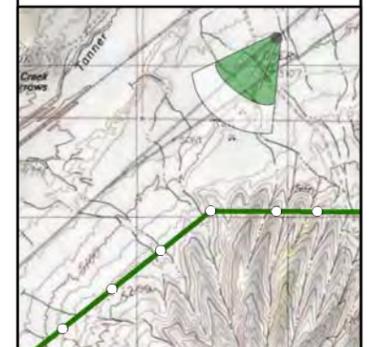
Rationale:

Where the Project would be located within 0.5 mile of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III management objectives. Mitigation measures (VR-1, VR-3, VR-4, VR-5, VR-7, VR-9, VR-10, and VR-12) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 mile away from viewer locations.

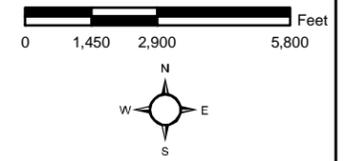
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



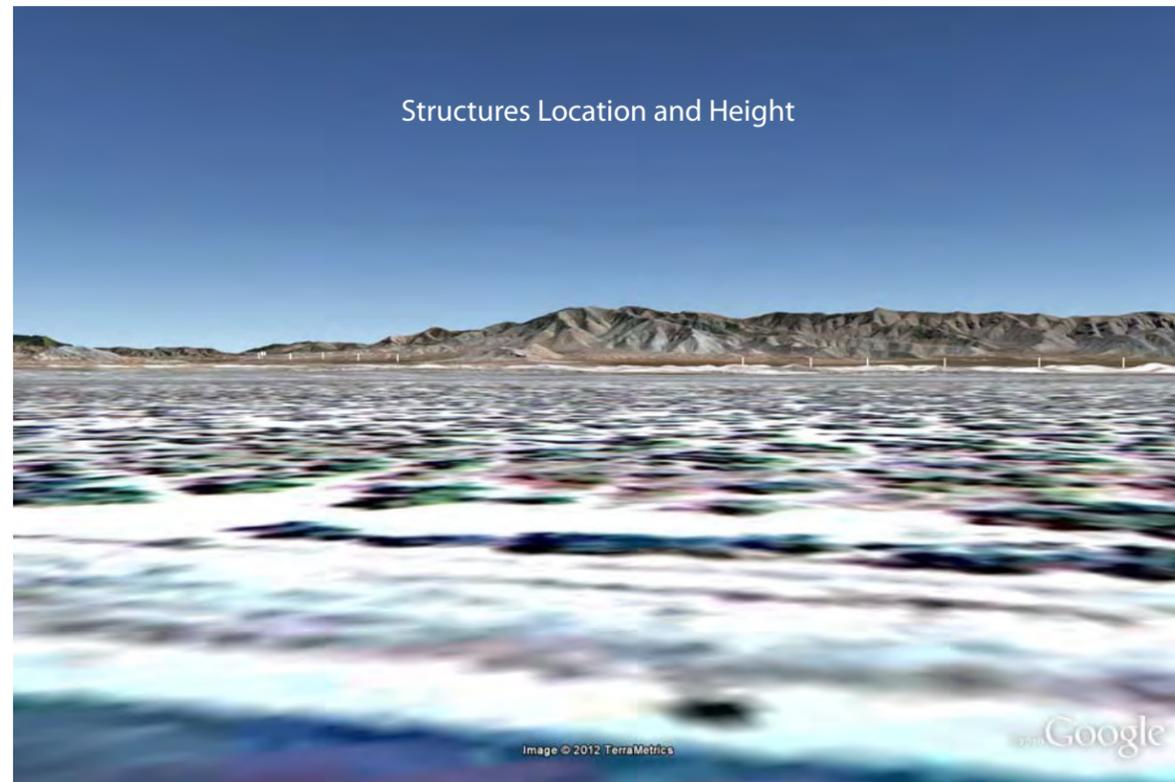
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP F-10
Simulated Condition
(Segment 1360)





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 08/18/2011

District Fillmore FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Little Sahara</u> Rec. Area Road Township <u>13S</u> Range <u>5W</u> Section <u>26</u>	5. Location Sketch Please see Figure 3.12-2
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SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

1. LAND/WATER		2. VEGETATION	3. STRUCTURES
FORM	Angular ridges, rolling dunes, and planar valley floor	Clumps and blankets of sagebrush and grasses. Blankets of pinyon-juniper in background.	
LINE	Curvilinear dunes, and angular mtn. ridges and planar valley floor.	Indistinct shrub and grass pattern edges.	
COLOR	Very light to medium tan landforms.	Light to medium silver green sagebrush and light tan grasses.	
TEXTURE	Smooth to medium landforms.	Smooth, medium and coarse.	

SECTION C. PROPOSED ACTIVITY DESCRIPTION

1. LAND/WATER		2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)		
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None			
Form													X	Evaluator's Names M. Paulson	Date 08/18/2011
Line													X		
Color													X		
Texture													X		

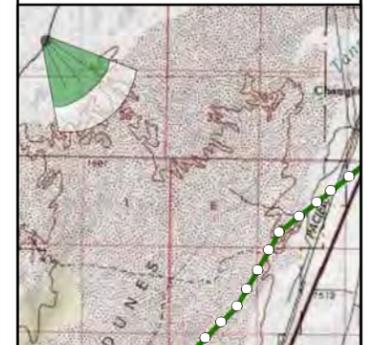
Rationale:

Where the Project would be located within 0.5 mile of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III management objectives. Mitigation measures (VR-1, VR-3, VR-4, VR-5, VR-7, VR-9, VR-10, and VR-12) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 mile away from viewer locations.

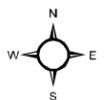
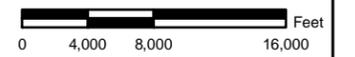
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



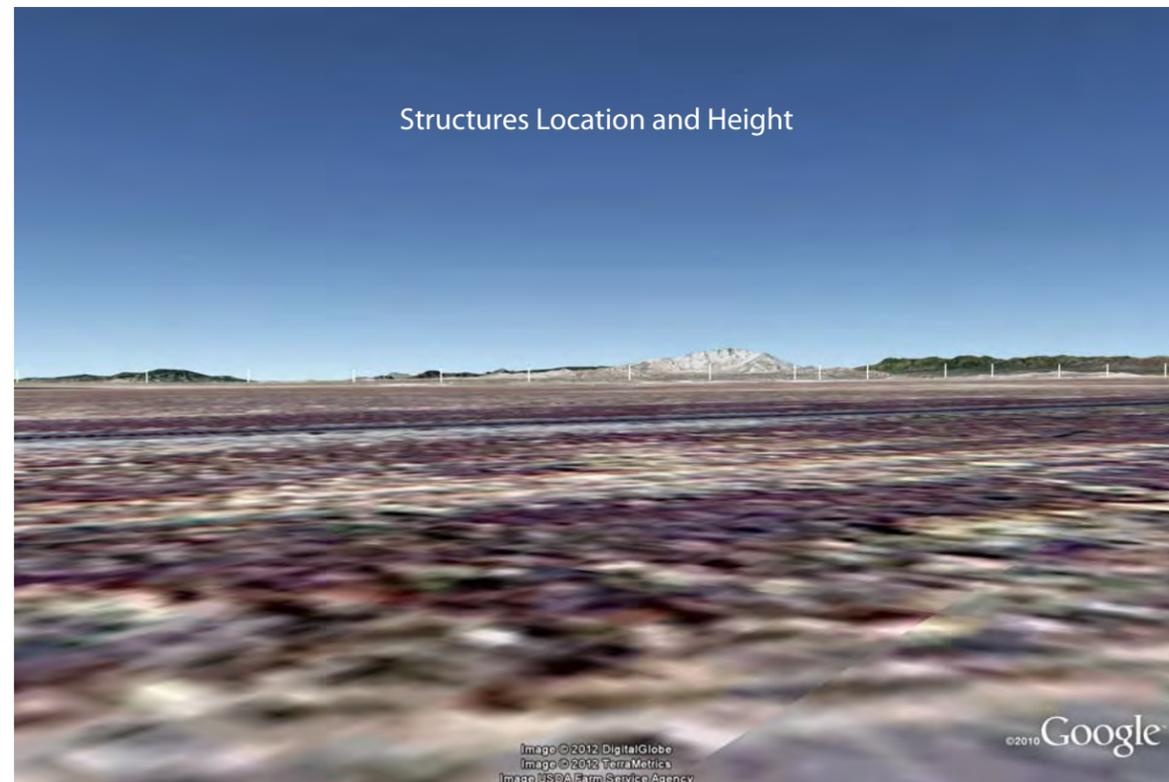
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP F-11
Little Sahara
Recreation Area Road
(Segment 1360)





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 08/18/2011

District Fillmore FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>US-6 View</u> Northwest Township <u>14S</u> Range <u>5W</u> Section <u>36</u>	5. Location Sketch Please see Figure 3.12-2
--------------------------------------	--	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular ridges, rolling dunes, and planar valley floor	Clumps of grasses and shrubs and blanket of grasses. Band of pinyon-juniper in foreground and blanket of pinyon-juniper in background.	Planar railroad bed and fencelines.
LINE	Curvilinear dunes, and angular mtn. ridges and planar valley floor.	Indistinct shrub and grass pattern edges.	Horizontal railroad bed, conductors and vertical fenceposts.
COLOR	Very light to medium tan landforms	Light to medium tan and brown grasses. Light olive green veg in immediate foreground.	Medium to dark grey railroad bed and conductors. Dark brown rails and fence posts.
TEX- TURE	Smooth to medium landforms.	Smooth, medium and coarse.	Smooth to coarse structures.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX- TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form													x	Evaluator's Names: M. Paulson Date: 08/18/2011
Line													x	
Color													x	
Texture													x	

Rationale:

Where the Project would be located within 0.5 mile of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III management objectives. Mitigation measures (VR-1, VR-3, VR-4, VR-5, VR-7, VR-9, VR-10, and VR-12) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 mile away from viewer locations.

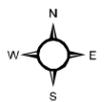
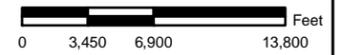
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



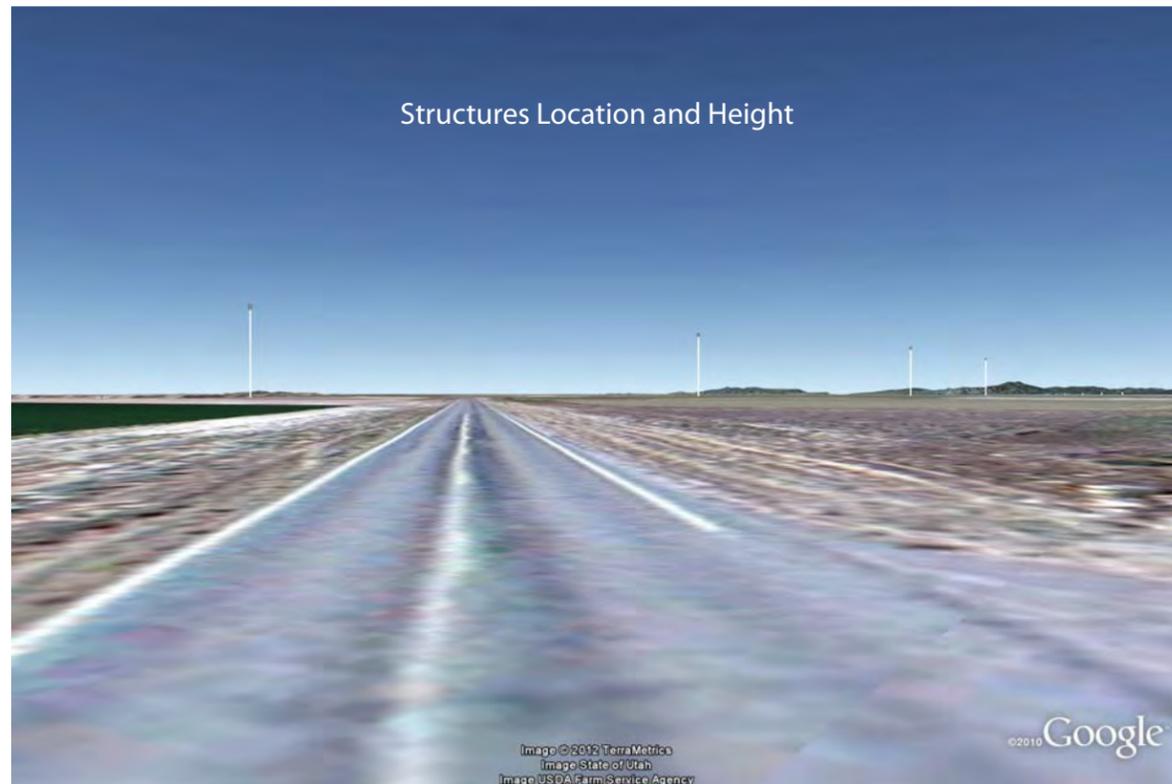
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP F-12
U.S. 6
(northwest)
(Segment 1360)





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 11/12/2011

District **Fillmore FO**

Resource Area _____

Activity (program) _____

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>US-6 (SB)</u> Township <u>15S</u> Range <u>5W</u> Section <u>14</u>	5. Location Sketch Please see Figure 3.12-2
2. Key Observation Point F-13		
3. VRM Class IV		

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar valley floor	Planar grasses and clumps of shrubs.	Cubed building, pyramidal transmission line structures, and cylindrical poles.
LINE	Horizontal line of valley floor.	Indistinct shrub and grass pattern edges.	Vertical and horizontal building, vertical poles and T-line structures.
COLOR	Very light to medium tan landform.	Light to medium tan and brown grasses. Light olive green veg in immediate foreground.	Light tan to medium brown structure, grey T-lines and roadway. Dark brown poles and fence posts.
TEXTURE	Smooth to medium landforms.	Smooth, medium and coarse.	Smooth to coarse structures.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)		
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None			
Elements	Form										X				Evaluator's Names Date M. Paulson 11/12/2011
	Line										X				
	Color										X				
	Texture											X			

Rationale:

The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

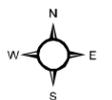
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



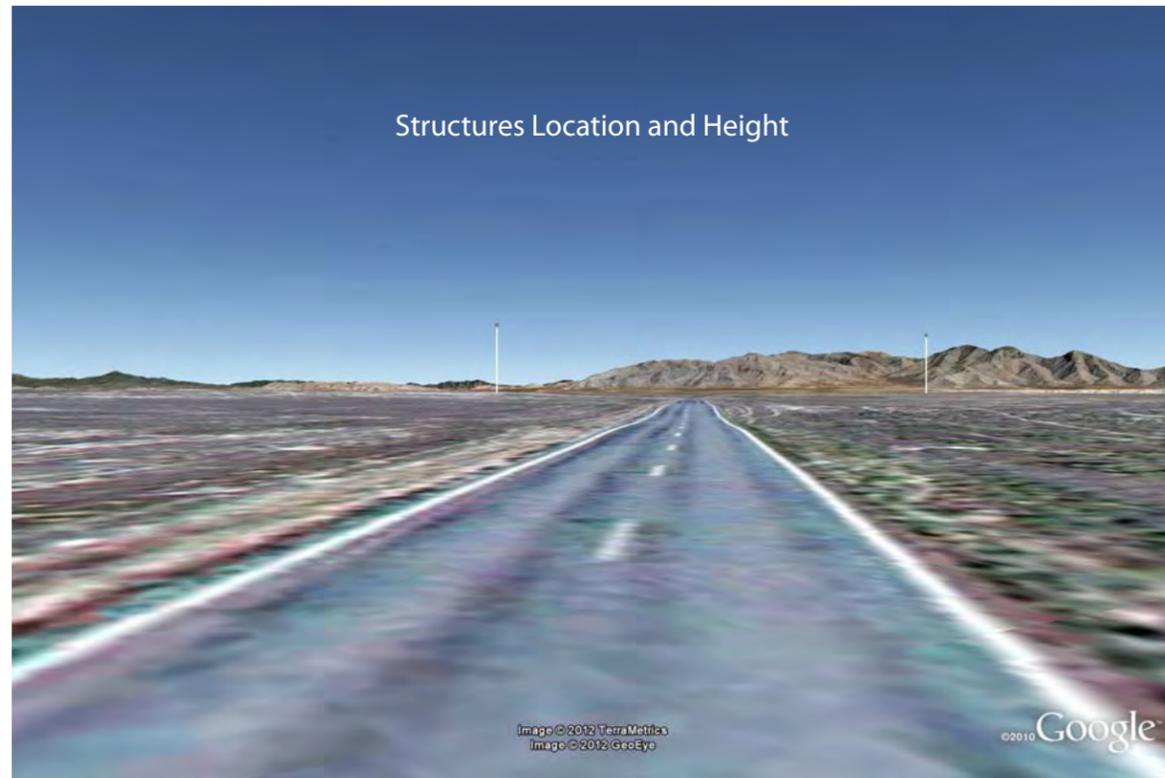
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP F-13
U.S. 6
(southbound)
(Segment 1380)





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 11/12/2011

District Fillmore FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>US-6 (NB)</u> Township <u>15S</u> Range <u>15W</u> Section <u>22</u>	5. Location Sketch Please see Figure 3.12-2
2. Key Observation Point F-14		
3. VRM Class IV		

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar valley floor	Clumps of deciduous trees and shrubs.	Cubed building, pyramidal transmission line structures, and cylindrical poles.
LINE	Horizontal line of valley floor.	Indistinct trees, shrub and grass pattern edges.	Vertical and horizontal building, vertical poles and t-line structures.
COLOR	Very light to medium tan landform.	Light to medium tan and brown trees, shrubs and grasses.	White and light grey structures and grey roadway. Light to medium brown poles and fence posts.
TEXTURE	Smooth to medium landforms.	Smooth, medium and coarse.	Smooth to coarse structures.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form													X	Evaluator's Names: M. Paulson Date: 11/12/2011
Line													X	
Color													X	
Texture													X	

Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

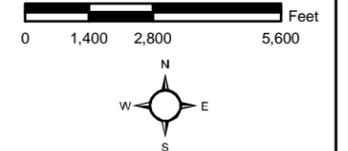
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



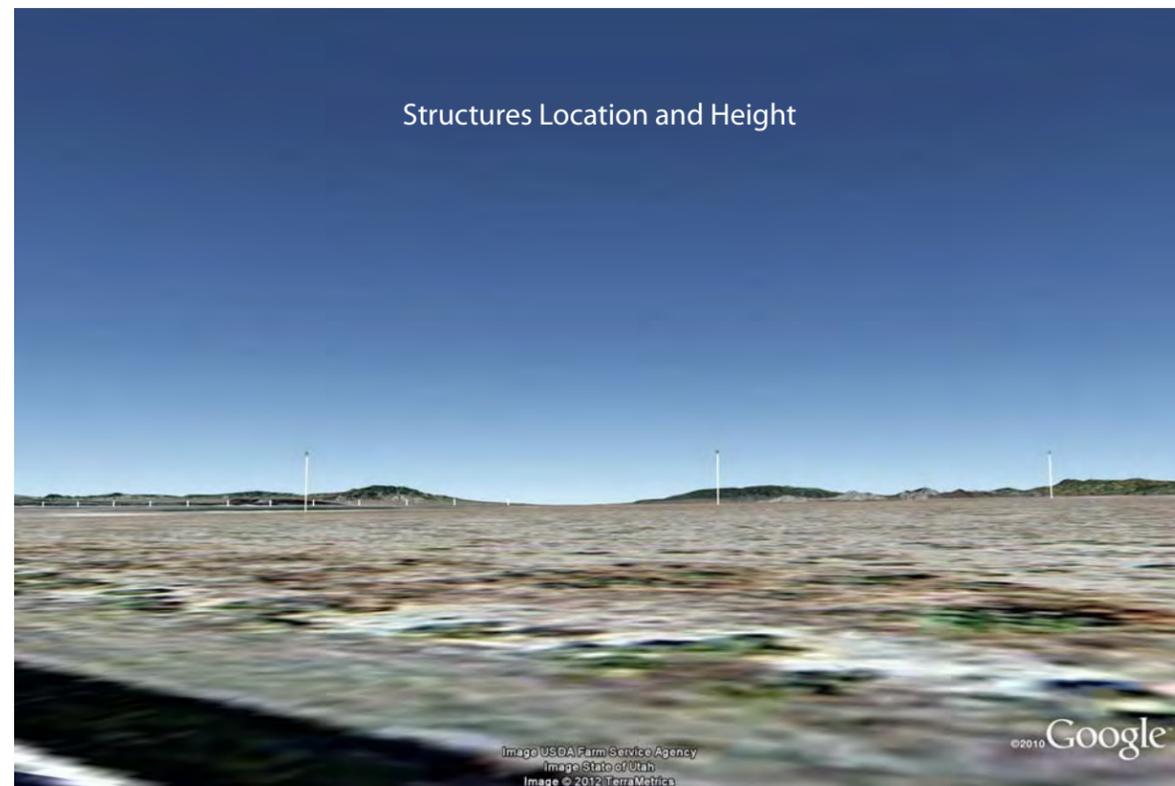
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP F-14
U.S. 6
(northbound)
(Segment 1380)





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 08/18/2011

District Fillmore FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location Utah SH-174 (WB) Township 15S Range 6W Section 29	5. Location Sketch Please see Figure 3.12-2
--------------------------------------	---	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar valley floor and angular mountains.	Clumps of deciduous trees and shrubs.	Cubed building, inclined conveyer, cylindrical stack, grided substation and pyramidal transmission line structures.
LINE	Horizontal line of valley floor and angular lines of mountains.	Indistinct trees, shrub and grass pattern edges.	Vertical and horizontal building and substation, inclined conveyer, vertical T-line structures and fence posts.
COLOR	Very light to medium tan landform.	Light to medium tan and brown trees, shrubs and grasses.	Light to medium tans and browns in structure. Light to dark grey stack. Light to medium grey sub & T-line. fence posts.
TEXTURE	Smooth to medium landforms.	Smooth, medium and coarse.	Smooth to coarse structures.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Delta steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form													X	Evaluator's Names M. Paulson Date 08/18/2011
Line													X	
Color													X	
Texture													X	

Rationale:

The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

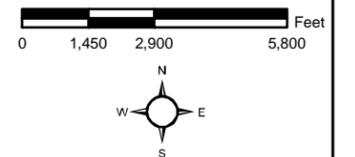
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



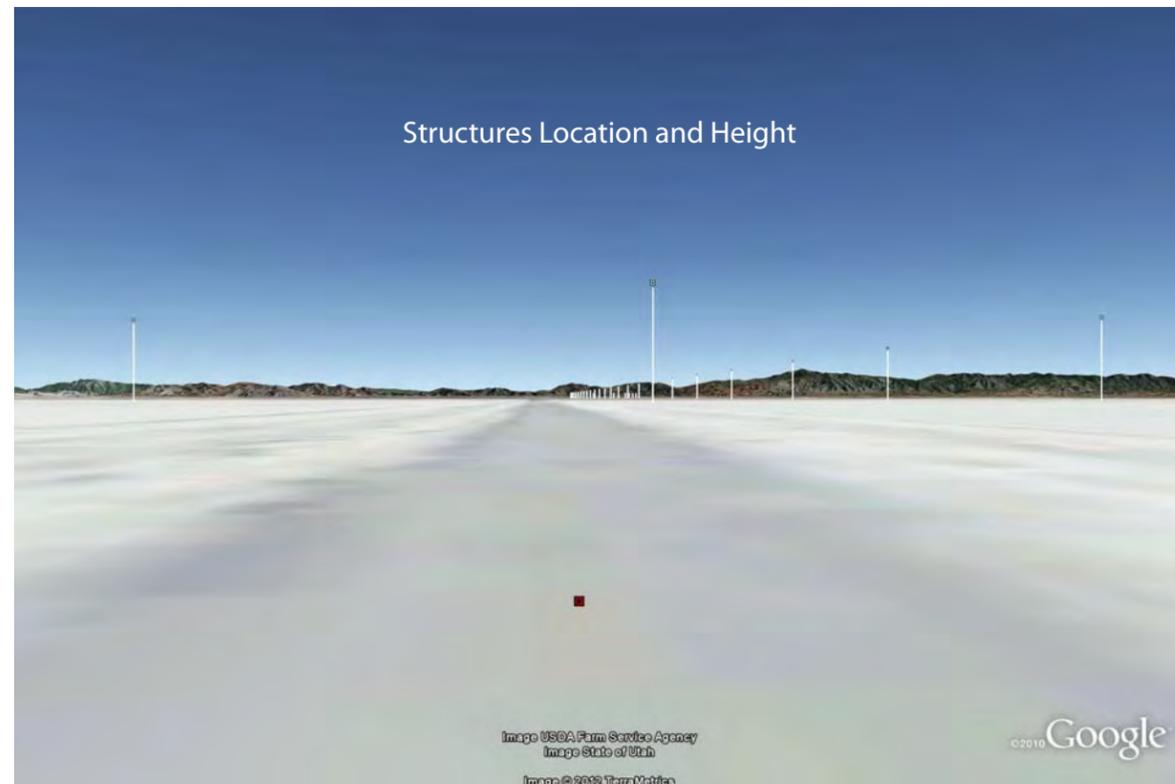
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP F-15
Utah State Hwy 174
(westbound)
(Segment 1420)





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 08/18/2011

District Fillmore FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location Utah SH-174 (EB) Township 15S Range 8W Section 16	5. Location Sketch Please see Figure 3.12-3
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SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar valley floor and angular mountains in background.	Clumps of deciduous trees and shrubs.	Cubed building, cylindrical stack, and pyramidal transmission line structures. Planar roadways.
LINE	Horizontal line of valley floor and angular lines of mountains.	Indistinct tree and shrub pattern edges.	Vertical and horizontal building and substation and vertical T-line structures. Horizontal roadways.
COLOR	Very light grey and tan landform.	Medium to dark olive green trees and shrubs.	Light to medium tans in structure. Light to medium grey T-lines and roadways.
TEXTURE	Smooth to medium landforms.	Smooth, medium and coarse.	Smooth to coarse structures.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form													X	Evaluator's Names: M. Paulson Date: 08/18/2011
Line													X	
Color													X	
Texture													X	

Rationale:
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objectives. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-4, VR-6, and VR-7) would further reduce contrasts.

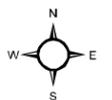
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



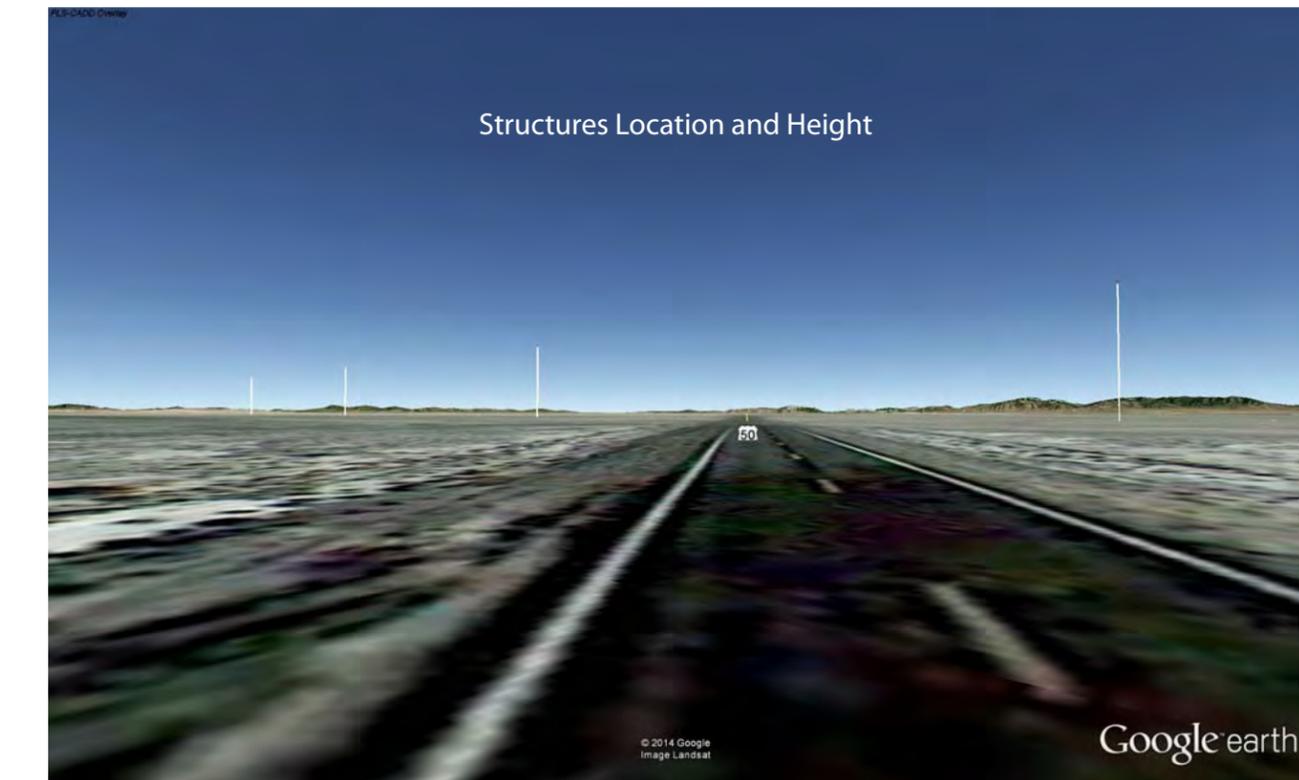
KOP Location



TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP F-16
Utah State Hwy 174
(eastbound)
(Segment 1430)





Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 04/28/2014

District Fillmore FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>US-50 (WB)</u> Township <u>18S</u> Range <u>9W</u> Section <u>19</u>	5. Location Sketch Please see Figure 3.12-3
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SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

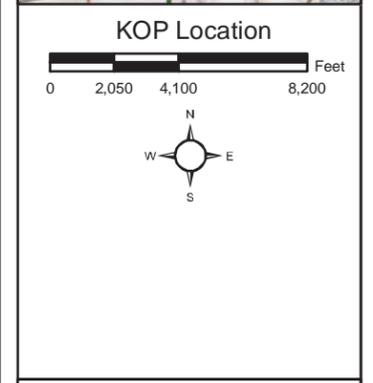
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar valley floor and angular mountains.	Clumps of shrubs and grasses.	Pyramidal and planar transmission line structures. Planar roadway.
LINE	Horizontal line of valley floor and angular lines of distant mountains.	Indistinct shrub and grass pattern edges.	Vertical and horizontal T-line structures.
COLOR	Very light to medium tan landform.	Light to medium tan and green shrubs and grasses.	Light to dark grey and brown T-lines. Medium to dark grey roadway.
TEXTURE	Smooth to medium landforms.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Delta steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)			
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)		
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None				
Form														X	Evaluator's Names M. Paulson	Date 04/28/2014
Line														X		
Color														X		
Texture														X		



**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP F-17
US-50
(westbound)
(Segment 1470)



Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

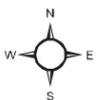
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



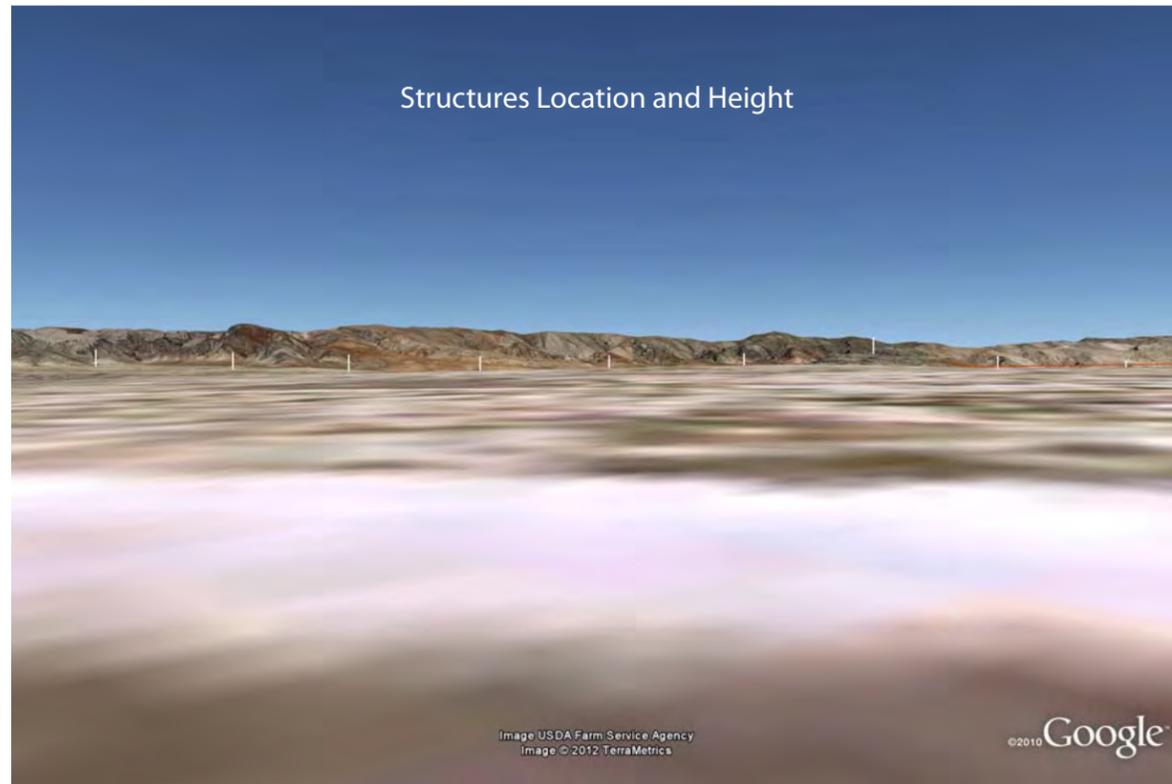
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP F-17
Simulated Condition
(Segment 1470)





KOP Photograph



Structures Location and Height

Image USDA Farm Service Agency
Image © 2012 TerraMetrics

©2010 Google

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 08/19/2011

District Fillmore FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Utah SH-257 (SB)</u> Township <u>23S</u> Range <u>10W</u> Section <u>25</u>	5. Location Sketch Please see Figure 3.12-3
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SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar valley floor and angular mountains.	Clumps of shrubs and grasses.	Pyramidal and planar transmission line structures. Planar roadway.
LINE	Horizontal line of valley floor and angular lines of distant mountains.	Indistinct shrub and grass pattern edges.	Vertical and horizontal T-line structures.
COLOR	Very light to medium tan landform.	Light to medium tan and green shrubs and grasses.	Light to dark grey and brown T-lines. Medium to dark grey roadway.
TEXTURE	Smooth to medium landforms.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Delta steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form													X	Evaluator's Names M. Paulson Date 08/19/2011
Line													X	
Color													X	
Texture													X	

Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

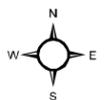
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



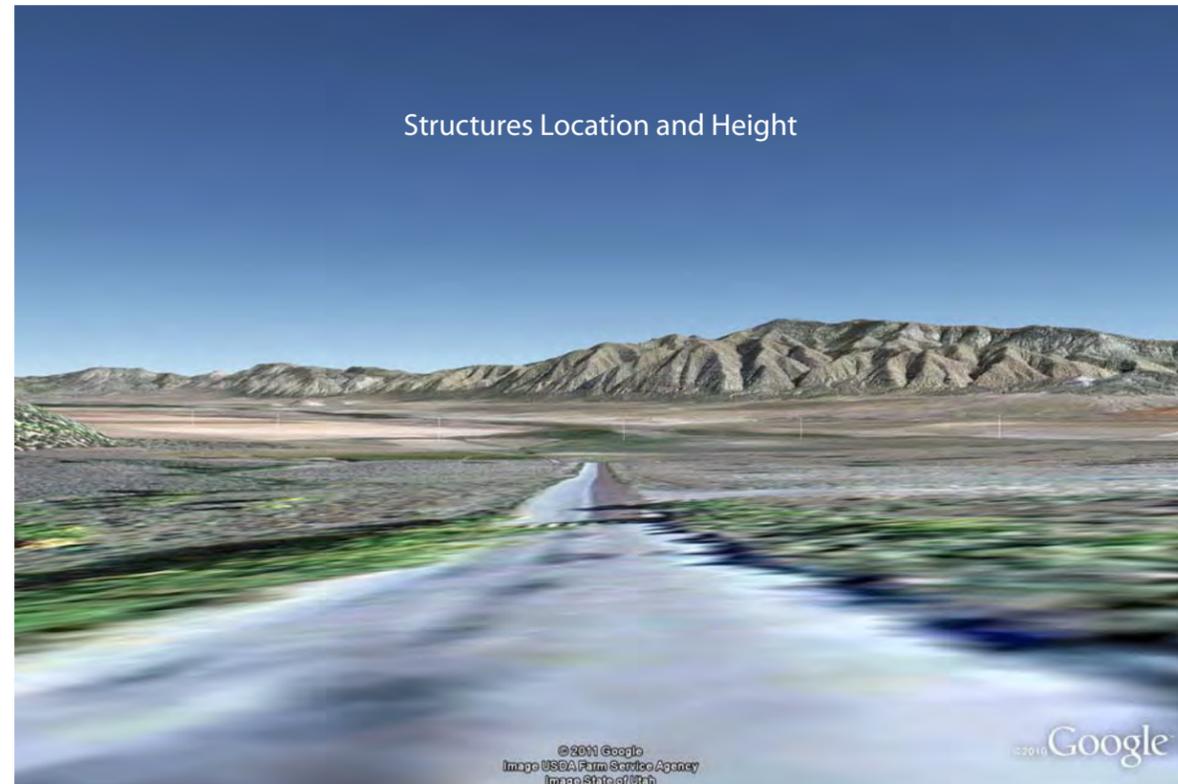
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP F-22
Utah State Hwy 257
(southbound)
(Segment 1480)





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 07/28/2011

District Fillmore FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Maple Grove</u> <u>Campground</u> <u>Township 21S</u> <u>Range 25W</u> <u>Section 1</u>	5. Location Sketch Please see Figure 3.12-2
--------------------------------------	--	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Prominent rounded mountains and wide planar valley floor.	Blanket and scattered clumps of pinyon-juniper, shrubs and grasses.	Planar roadway and wooden poles.
LINE	Curvilinear and angular mtn. ridges and horizontal valley floor.	Irregular tree and shrub pattern edges.	Horizontal roadway and vertical poles.
COLOR	Light to medium reddish tan and grey rock formations.	Light to medium to dark green trees, shrubs and grasses.	Light to medium grey roads and medium brown poles.
TEXTURE	Smooth to medium landforms.	Smooth, moderate and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

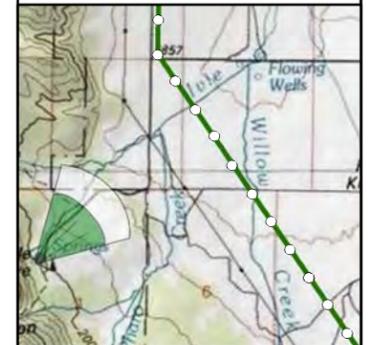
SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form									X	X			Evaluator's Names M. Paulson	Date 07/28/2011
Line									X	X				
Color									X	X				
Texture									X		X			

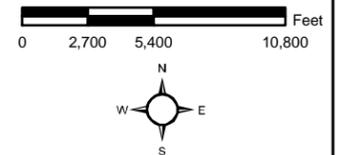
Rationale:
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP F-23
Maple Grove
Campground
(Segment 1330.1)

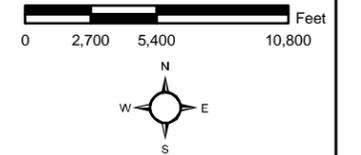




Project Location



KOP Location



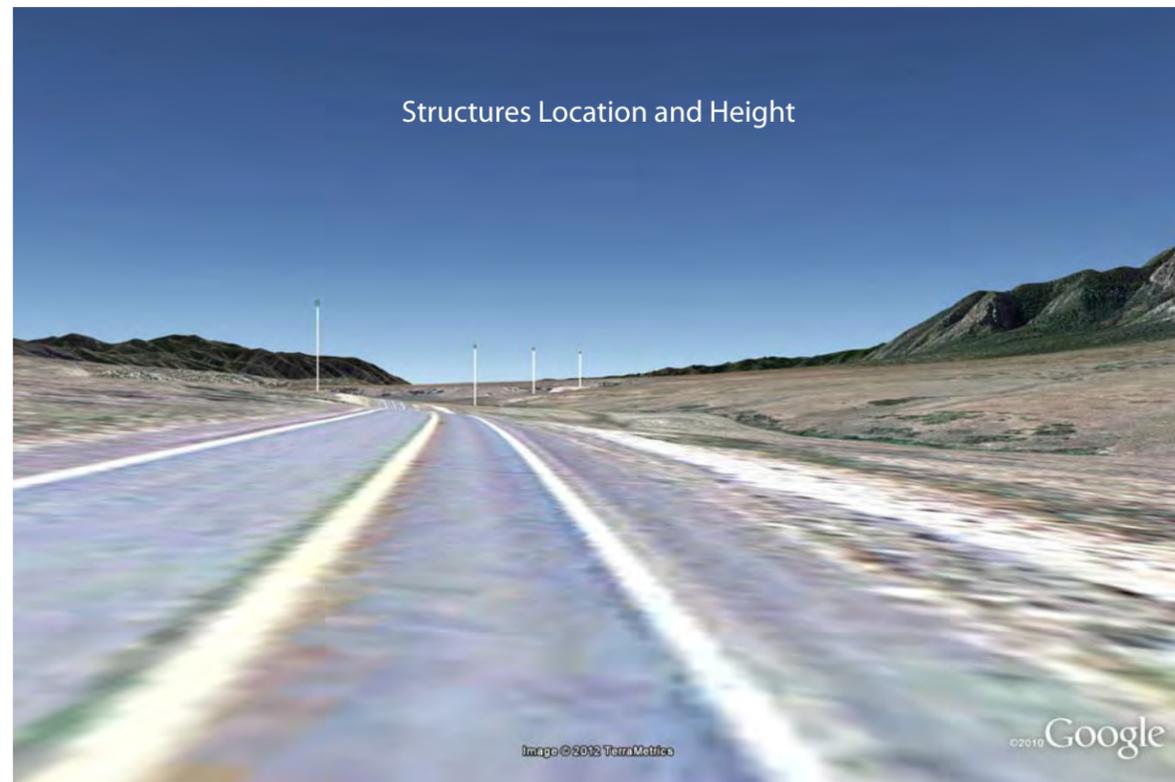
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP F-23
Simulated Condition
(Segment 1330.1)





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 07/27/2011

District Fillmore FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>US-50 (EB)</u> Township <u>19S</u> Range <u>2W</u> Section <u>16</u>	5. Location Sketch Please see Figure 3.12-2
2. Key Observation Point F-24		
3. VRM Class IV		

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Prominent rounded mountains and wide valley floor.	Blanket and scattered clumps of pinyon-juniper, shrubs and grasses.	Planar roadway.
LINE	Curvilinear and angular mtn. ridges and inclined valley floor.	Irregular tree and shrub pattern edges.	Horizontal roadway.
COLOR	Light to medium reddish tan and grey rock formations.	Light to medium to dark green trees, shrubs and grasses.	Light to medium grey roads and medium brown poles.
TEXTURE	Smooth to medium landforms.	Smooth, moderate and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

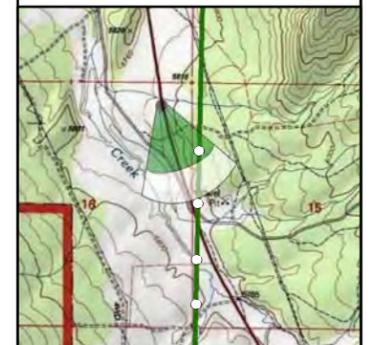
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form												X	Evaluator's Names M. Paulson	Date 07/27/2011
Line												X		
Color												X		
Texture												X		

Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

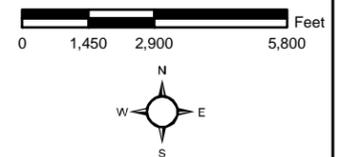
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



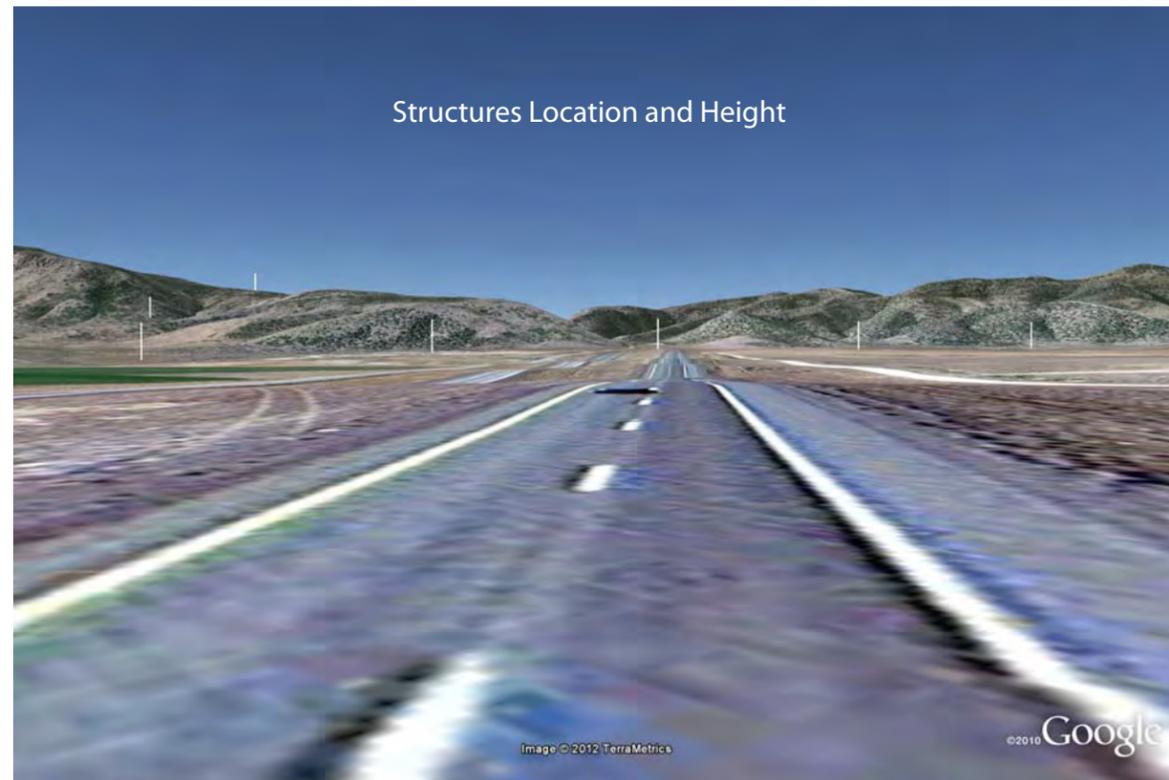
KOP Location



**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP F-24
U.S. 50
(eastbound)
(Segment 1330.1)





Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 07/27/2011

District Fillmore FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location I-15 (SB) Township 18S Range 3W Section 24	5. Location Sketch Please see Figure 3.12-2
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SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Prominent rounded mountains and wide valley floor.	Blanket and scattered clumps of pinyon-juniper, shrubs and grasses.	Cylindrical poles, planar roadway, and billboard structures.
LINE	Curvilinear and angular mtn. ridges and inclined planar valley floor.	Irregular tree and shrub pattern edges.	Vertical poles, horizontal roadway and horizontal and vertical structures.
COLOR	Light to medium reddish tan and grey rock formations.	Light to medium to dark green trees, shrubs and grasses.	Medium to dark brown poles, light to medium grey road lanes and multi-colored structures.
TEXTURE	Smooth to medium landforms.	Smooth, moderate and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

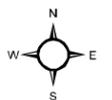
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)		
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None			
Form													X	Evaluator's Names M. Paulson	Date 07/27/2011
Line													X		
Color													X		
Texture													X		



Project Location



KOP Location



**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP F-25
Interstate-15
(southbound)
(Segment 1400)



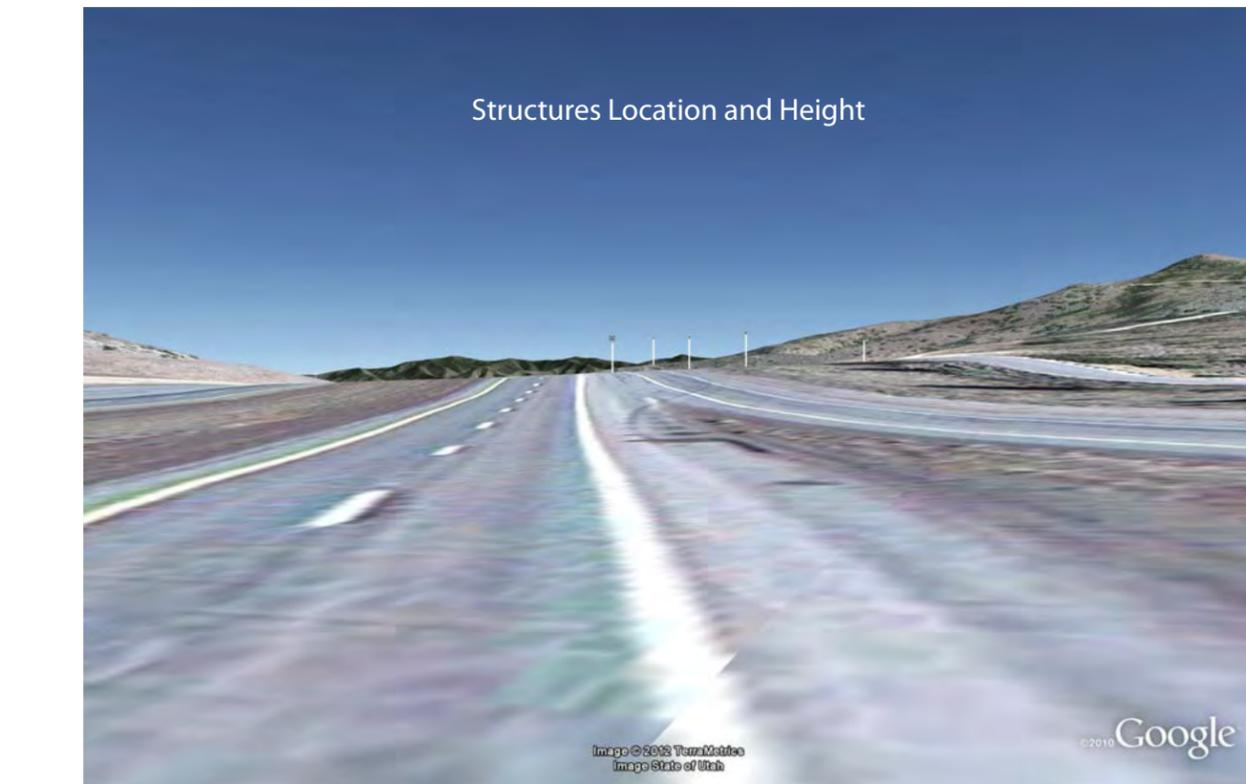
Rationale:

The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/27/2011

District Fillmore FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>I-15 (NB)</u> Township <u>18S</u> Range <u>3W</u> Section <u>34</u>	5. Location Sketch Please see Figure 3.12-2
2. Key Observation Point F-26		
3. VRM Class IV (VRI Class III)		

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Prominent rounded mountains and wide valley floor.	Blanket and scattered clumps of pinyon-juniper, shrubs and grasses.	Cylindrical poles and planar roadway lanes.
LINE	Curvilinear and angular mtn. ridges and inclined planar valley floor.	Irregular tree and shrub pattern edges.	Vertical poles and horizontal roads.
COLOR	Light to medium reddish tan and grey rock formations.	Light to medium to dark green trees, shrubs and grasses.	Medium to dark brown poles and light to medium grey roads.
TEXTURE	Smooth to medium landforms.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

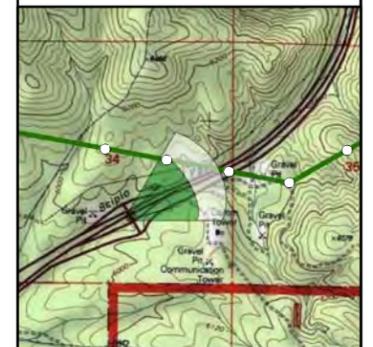
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form									X				Evaluator's Names M. Paulson	Date 07/27/2011
Line										X				
Color										X				
Texture											X			

Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

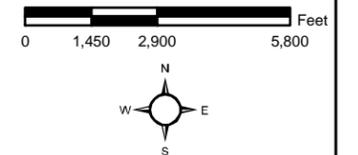
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



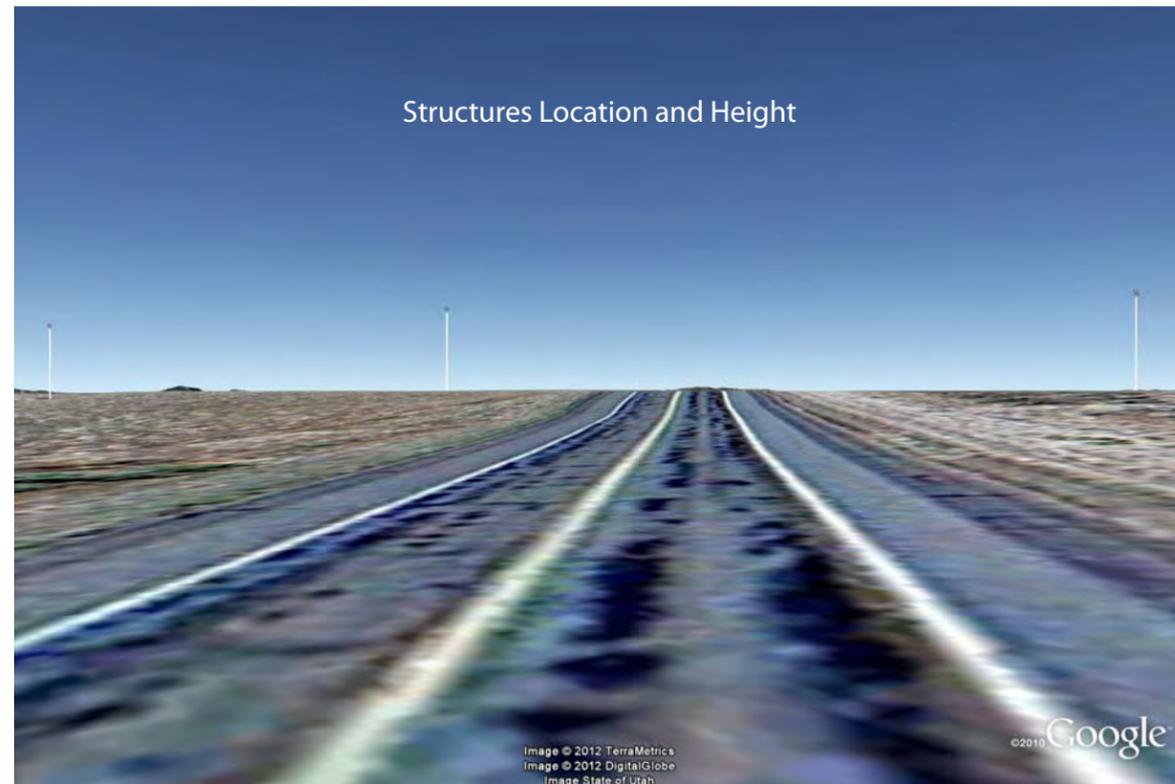
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP F-26
Interstate 15
(northbound)
(Segment 1410)





KOP Photograph



Structures Location and Height

Image © 2012 TerraMetrics
Image © 2012 DigitalGlobe
Image State of Utah

©2010 Google

Form 8400-4
(September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 08/18/2011

District Fillmore FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>US-6 (SB)</u> Township <u>16S</u> Range <u>6W</u> Section <u>13</u>	5. Location Sketch Please see Figure 3.12-2
2. Key Observation Point F-27		
3. VRM Class IV (VRI Class III)		

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar to gently rolling valley floor.	Blanket and scattered clumps of shrubs and grasses.	Planar roadway lanes.
LINE	Horizontal and slightly angular foreground skyline.	Irregular shrub and grass pattern edges.	Horizontal road.
COLOR	Light to medium reddish tan.	Light to medium to dark green shrubs and reddish tan grasses.	Light to medium grey road.
TEXTURE	Smooth landforms.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form									x				Evaluator's Names M. Paulson Date 08/18/2011	
Line										x				
Color										x				
Texture											x			

Rationale:

The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

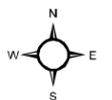
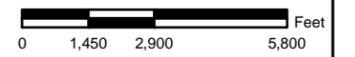
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



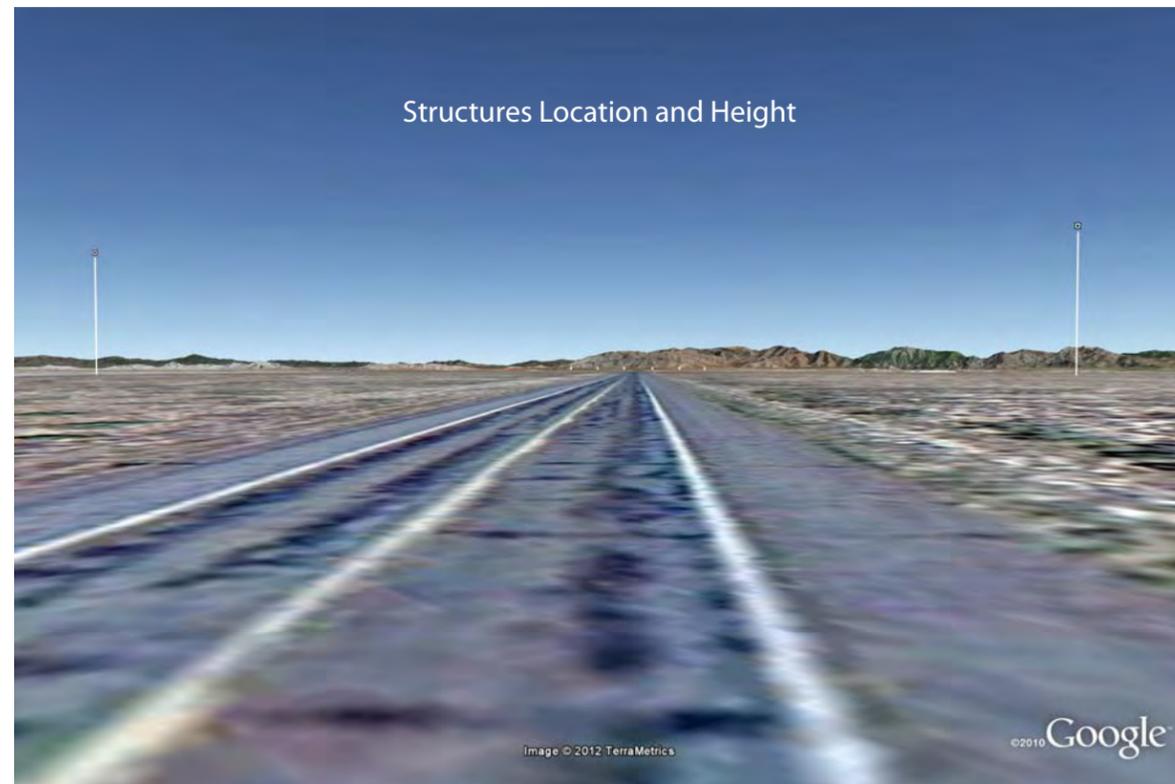
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP F-27
U.S. 6
(southbound)
(Segment 1410)





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 08/18/2011

District Fillmore FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>US-6 (NB)</u> Township <u>16S</u> Range <u>6W</u> Section <u>23</u>	5. Location Sketch Please see Figure 3.12-2
--------------------------------------	---	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular mountains and wide valley floor.	Blanket and scattered clumps of shrubs and grasses.	Planar roadway lanes. Distance T-lines.
LINE	Horizontal and slightly angular foreground skyline.	Irregular shrub and grass pattern edges.	Horizontal road. Vertical T-lines.
COLOR	Light to medium reddish tan.	Light to medium to dark green shrubs and reddish tan grasses.	Light to medium grey road and T-lines.
TEXTURE	Smooth landforms.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

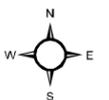
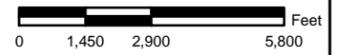
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form									x				Evaluator's Names M. Paulson	Date 08/18/2011
Line										x				
Color										x				
Texture											x			



Project Location



KOP Location



TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP F-28
U.S. 6
(northbound)
(Segment 1410)



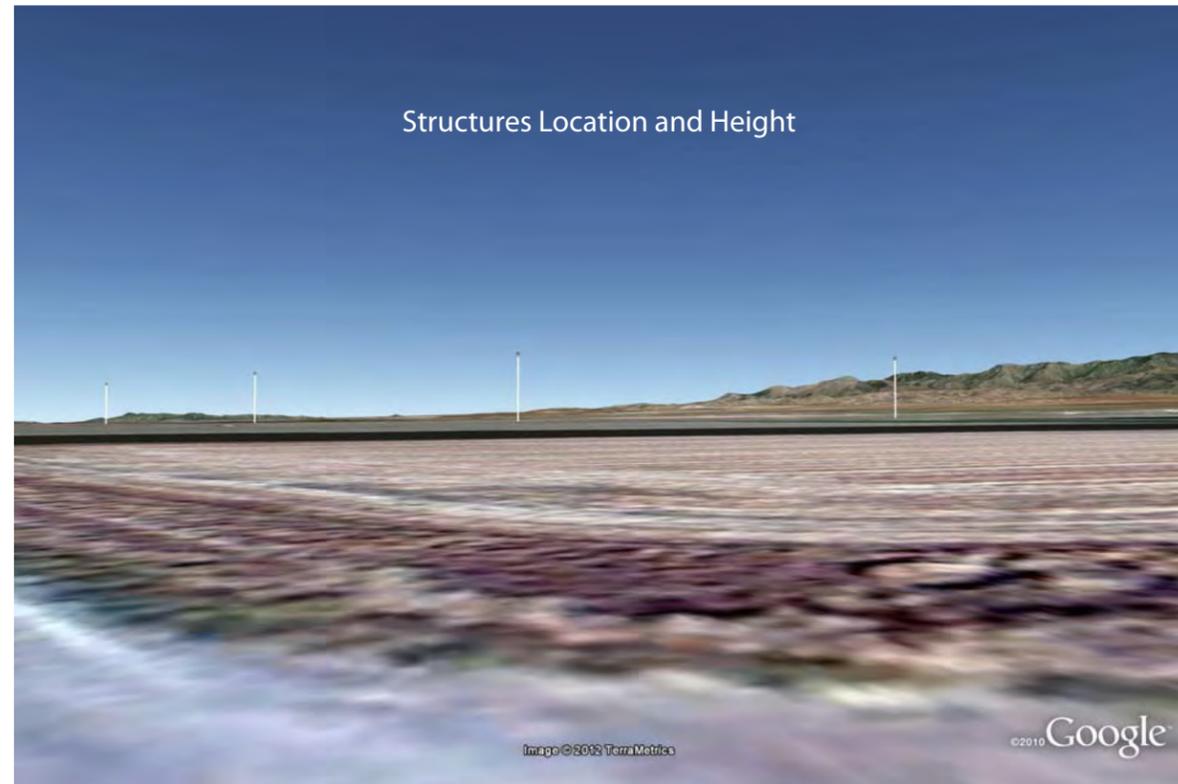
Rationale:

The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 08/19/2011

District Fillmore FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>US-50 (NB)</u> Township <u>18S</u> Range <u>5W</u> Section <u>33</u>	5. Location Sketch Please see Figure 3.12-2
2. Key Observation Point F-29		
3. VRM Class Private		

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular mountains and wide valley floor.	Planar blanket of grasses.	Planar roadway lanes. Distance T-lines.
LINE	Horizontal and slightly angular foreground skyline.	Horizontal fence rows and grass patterns.	Vertical t-lines and fence posts.
COLOR	Light to medium reddish tan.	Light to medium to dark green shrubs and reddish tan grasses.	Light to medium grey and brown T-lines and fence posts.
TEXTURE	Smooth landforms.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)				
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	
Form													3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
Line													
Color													
Texture													
												Evaluator's Names M. Paulson	Date 08/19/2011

Rationale:
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



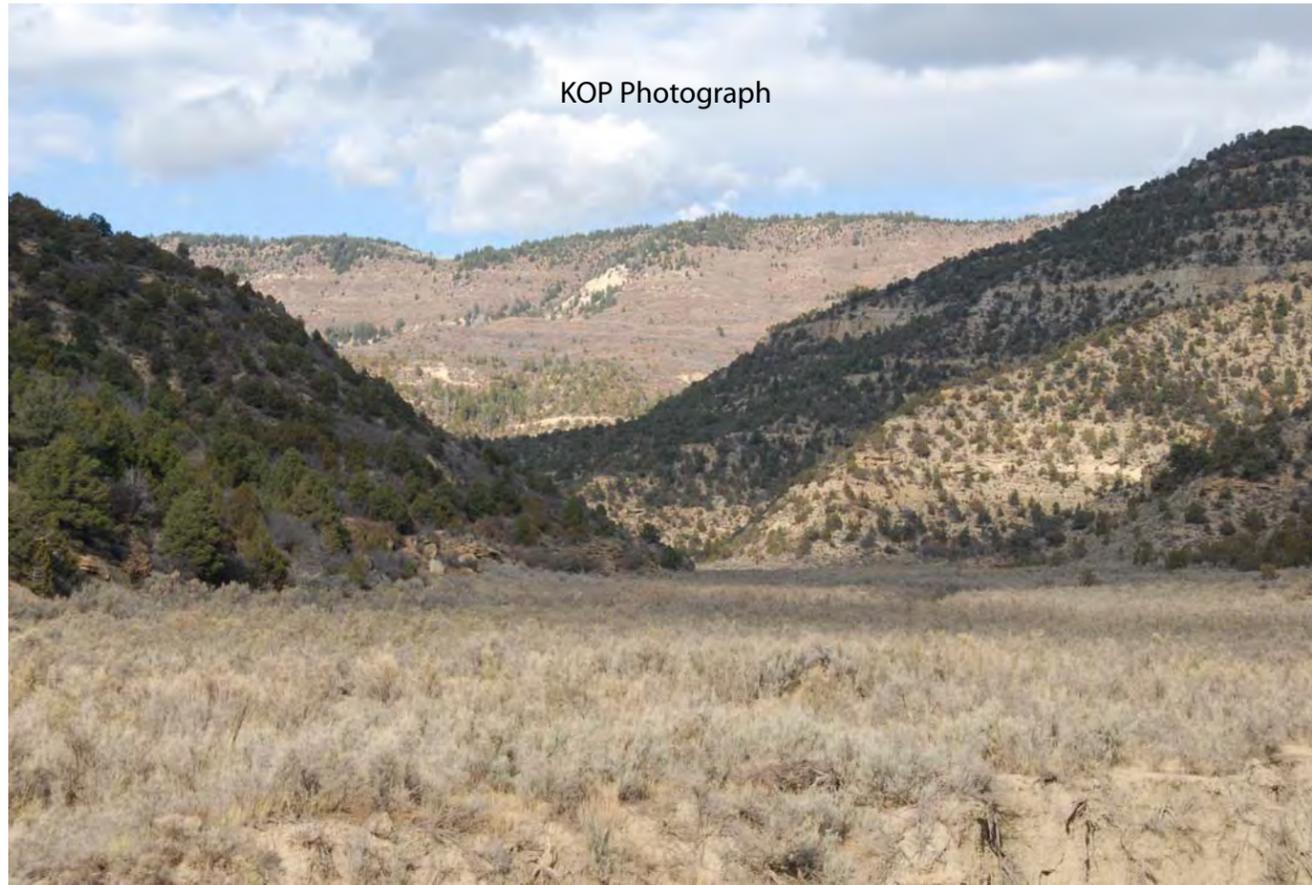
KOP Location



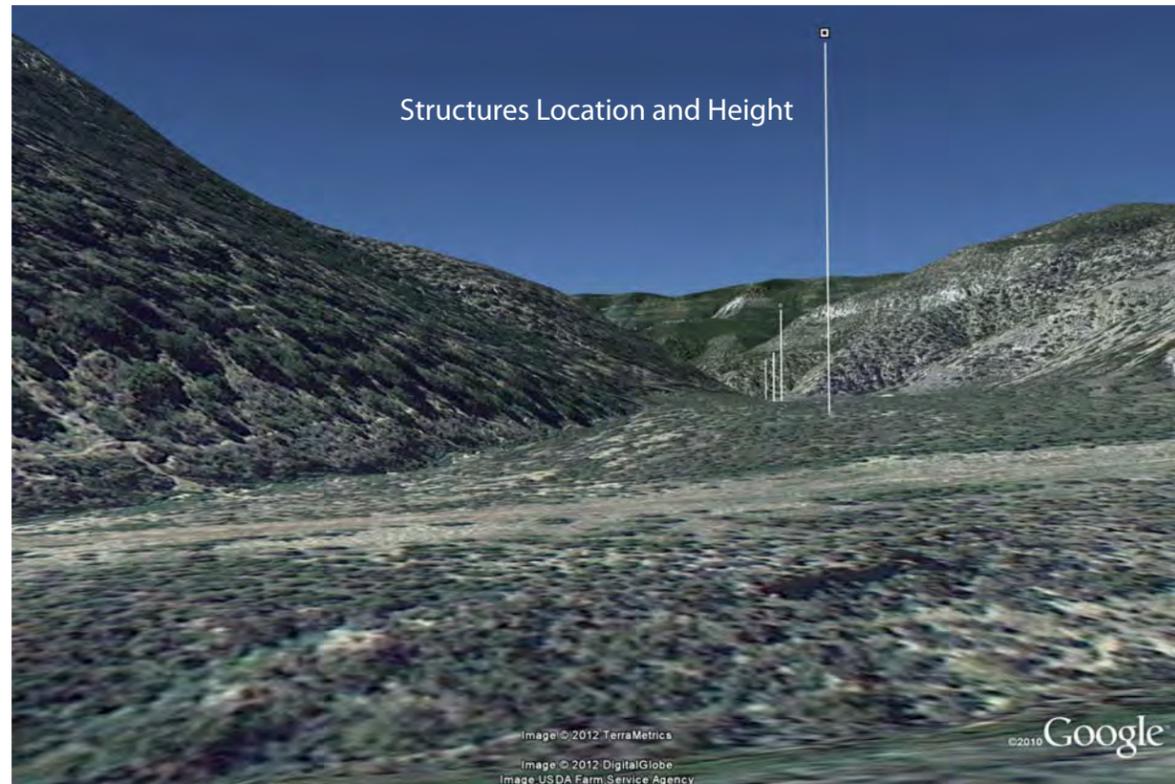
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP F-29
U.S. 50
(northbound)
(Segment 1410)





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 11/07/2010

District Grand Junction FO

Resource Area _____

Activity (program) _____

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Baxter Pass</u> Road (NB) Township <u>6S</u> Range <u>103W</u> Section <u>7</u>	5. Location Sketch Please see Figure 3.12-2
--------------------------------------	--	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar horizontal and angular ridges. Angular side slopes.	Organic planar surface of pinyon-juniper and organic clumps of sagebrush and rabbit brush.	NA
LINE	Strong angular lines of skyline. Angular side slopes and foreground ridgeline.	Indistinct lines in surface of pinyon-juniper, sagebrush, rabbit brush and grasses.	NA
COLOR	Very light, medium, and dark brown slopes.	Dark olive pinyon-juniper. Light tan to brown rabbit brush and grasses and light to medium tan sagebrush.	NA
TEXTURE	Smooth to moderate landform.	Smooth to coarse grasses and sagebrush.	NA

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Strongly pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Course steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form									X				Evaluator's Names M. Paulson	Date 11/07/10
Line										X				
Color										X				
Texture														

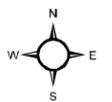
Rationale:
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



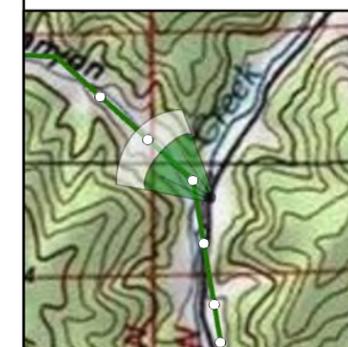
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP GJ-15
Baxter Pass Road
(northbound)
(Segment 1220)

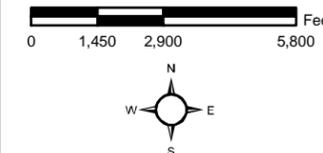




Project Location



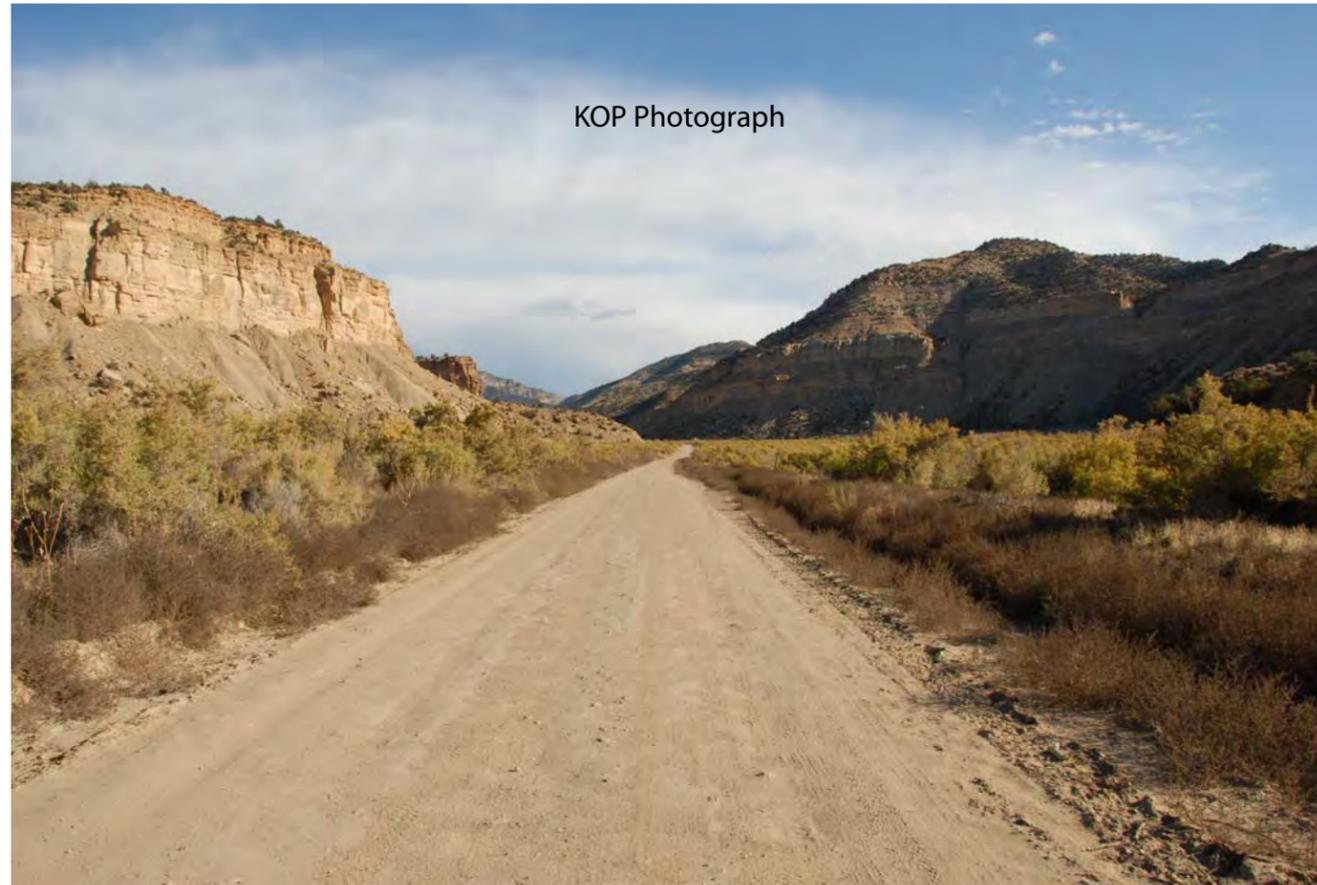
KOP Location



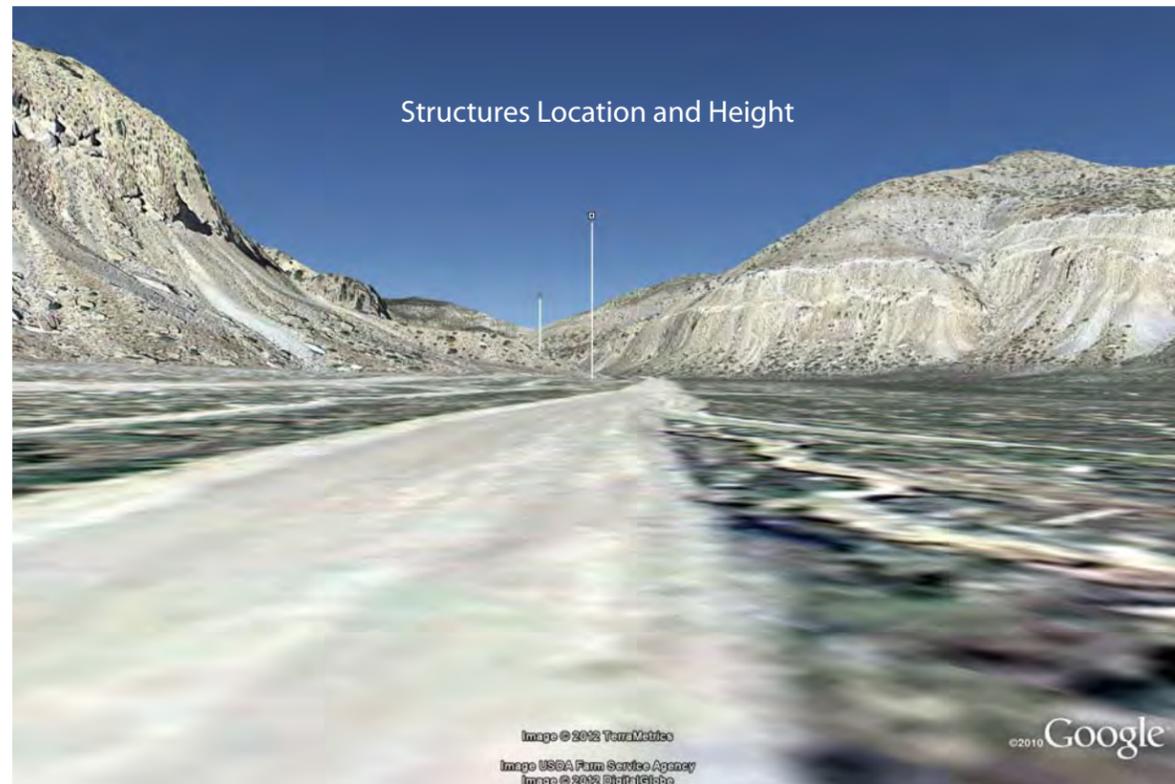
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP GJ-15
Simulated Condition
(Segment 1220)





KOP Photograph



Structures Location and Height

Image © 2012 TerraMetrics
Image USA Farm Service Agency
Image © 2010 Sigmastock

©2010 Google

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 11/07/2010

District Grand Junction FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Baxter Pass</u> Road (NB) Township <u>7S</u> Range <u>104W</u> Section <u>27</u>	5. Location Sketch Please see Figure 3.12-2
--------------------------------------	---	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar cliffs and angular ridges. Angular side slopes.	Organic planar surface of pinyon-juniper and organic clumps of sagebrush and rabbit brush.	Planar roadway.
LINE	Strong vertical and banded lines of cliffs. Angular side slopes.	Indistinct lines in surface of pinyon-juniper, sagebrush, rabbit brush and grasses.	Slightly curved lines of roadway.
COLOR	Very light, medium, and dark brown slopes.	Dark olive pinyon-juniper. Light tan to brown rabbit brush and grasses and light to medium tan sagebrush.	Light tan roadway.
TEXTURE	Smooth to moderate cliffs and overall landform.	Smooth to coarse pinyon-juniper, grasses and sagebrush.	Smooth to medium roadway.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Strongly pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Course steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

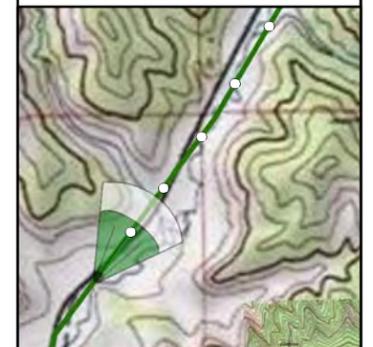
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Explain on reverse side)		
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None			
Form													X	Evaluator's Names M. Paulson	Date 11/07/10
Line													X		
Color													X		
Texture													X		

Rationale:
Where the Project would be located with 0.5 miles of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong or moderate contrast and would not comply with VRM Class II management objectives. Mitigation measures (VR-1, VR-3, VR-4, VR-5, VR-7, VR-9, VR-10, and VR-12) would reduce strong or moderate contrasts to low resulting in moderate to low residual impacts where the Project is located more than 0.5 miles away from viewer locations.

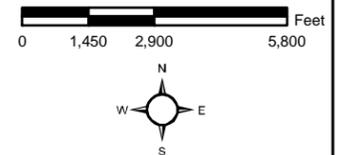
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



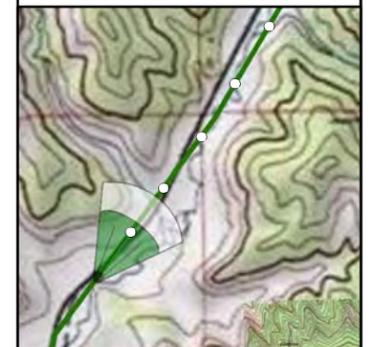
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

**KOP GJ-16
Baxter Pass Road
(northbound)
(Segment 1200)**

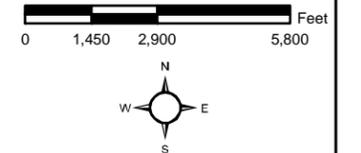




Project Location



KOP Location



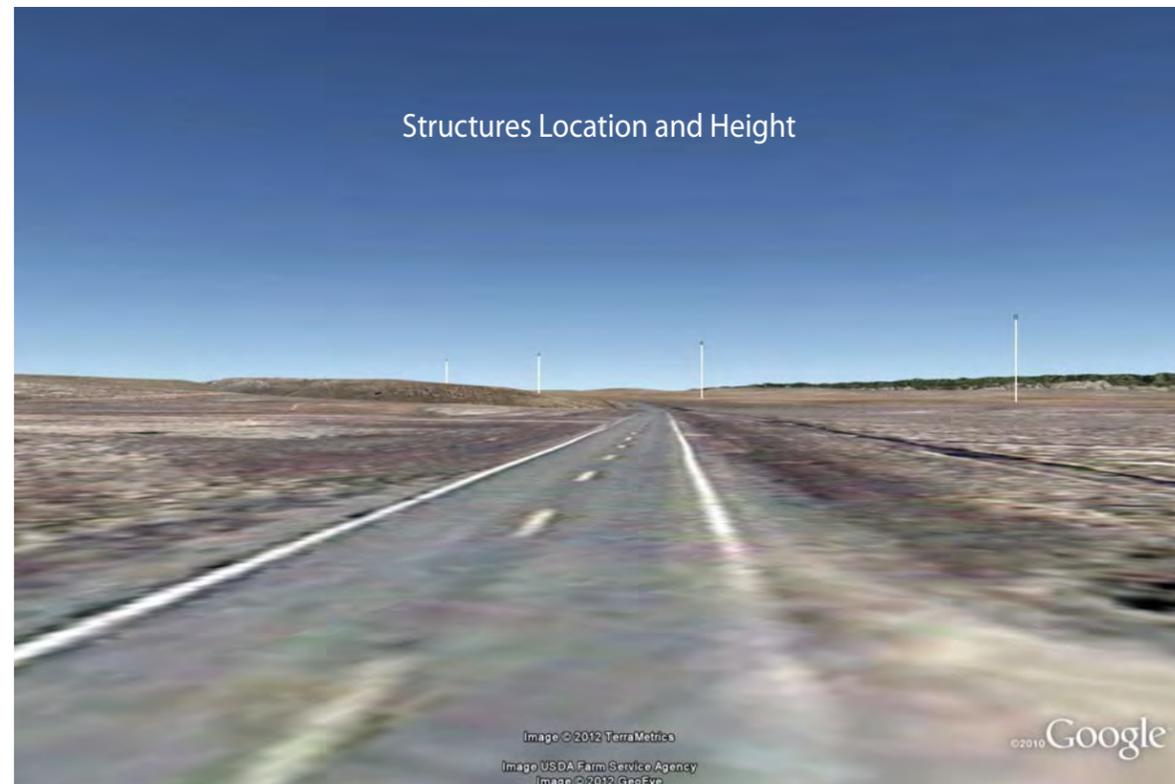
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP GJ-16
Simulated Condition
(Segment 1220)





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 11/06/2010

District **Grand Junction FO**

Resource Area _____

Activity (program) _____

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Old US-6</u> (WB) Township <u>9S</u> Range <u>104W</u> Section <u>28</u>	5. Location Sketch Please see Figure 3.12-2
2. Key Observation Point GJ-17		
3. VRM Class IV (VRI-IV)		

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar cliffs and angular ridges. Angular side slopes.	Organic clumps of sagebrush, greasewood, rabbit brush, and grasses.	Planar road and shoulders, and columnar fence posts.
LINE	Strong vertical and horizontal banded lines of cliffs. Angular side slopes.	Indistinct lines in surface of sagebrush, greasewood, rabbit brush and grasses.	Parallel lines of roadway. Vertical lines of fence posts.
COLOR	Very light, medium, and dark brown slopes.	Light tan to brown greasewood, rabbit brush and grasses and light to medium tan sagebrush.	Medium grey road surface. Light to dark brown fence posts.
TEXTURE	Smooth to moderate cliffs and overall landform.	Smooth to coarse grasses, rabbit brush, greasewood, and sagebrush.	Smooth roadway and fence posts.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Strongly pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Course steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

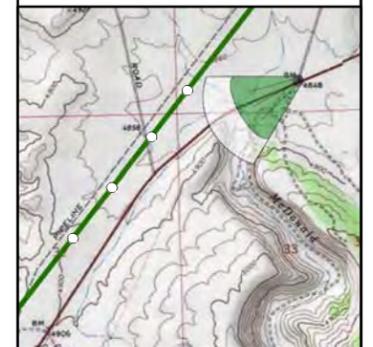
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form									x				Evaluator's Names M. Paulson	Date 11/06/10
Line										x				
Color										x				
Texture											x			

Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

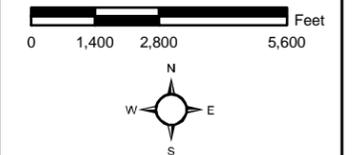
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



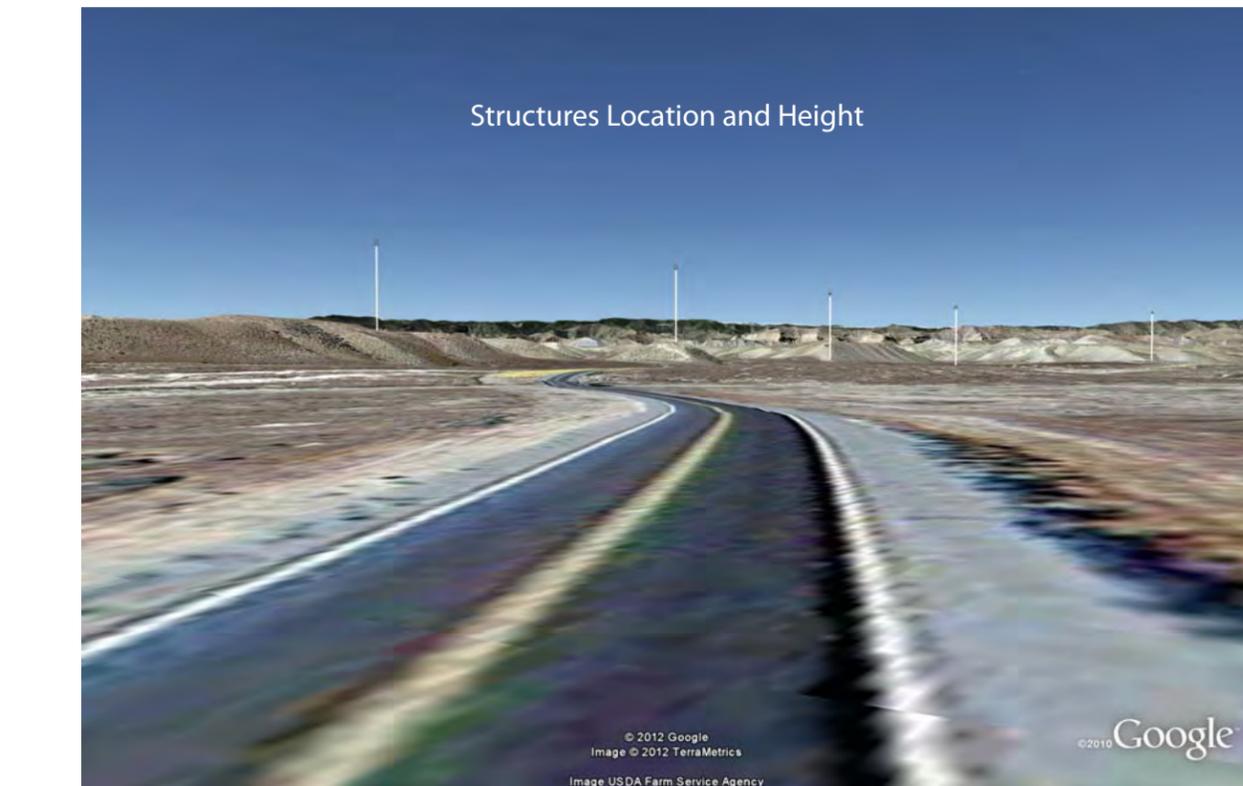
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP GJ-17
Old U.S. 6
(westbound)
(Segment 1220)





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 11/07/2010

District **Grand Junction FO**

Resource Area _____

Activity (program) _____

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Baxter Pass</u> <u>Road (NB)</u> <u>Township 9S</u> <u>Range 104W</u> <u>Section 3</u>	5. Location Sketch Please see Figure 3.12-2
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SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar cliffs and angular ridges. Angular side slopes.	Organic planar surface of pinyon-juniper and organic clumps of sagebrush, rabbit brush, and grasses.	Planar road and shoulders, and bridge.
LINE	Strong vertical and horizontal banded lines of cliffs. Angular side slopes.	Indistinct lines in surface of pinyon-juniper, sagebrush, rabbit brush and grasses.	Curved lines of roadway. Vertical and horizontal lines of bridge.
COLOR	Very light, medium, and dark brown slopes.	Dark olive pinyon-juniper. Light tan to brown rabbit brush and grasses and light to medium tan sagebrush.	Dark grey road surface. Light tan shoulders. White to medium grey bridge structure.
TEXTURE	Smooth to moderate cliffs and overall landform.	Smooth to coarse pinyon-juniper, grasses, rabbit brush and sagebrush.	Smooth roadway and shoulders and medium bridge..

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Strongly pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Course steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

ELEMENTS	DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)		
		LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)							
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None				
Form													X			Evaluator's Names M. Paulson	Date 11/07/10
Line													X				
Color													X				
Texture													X				

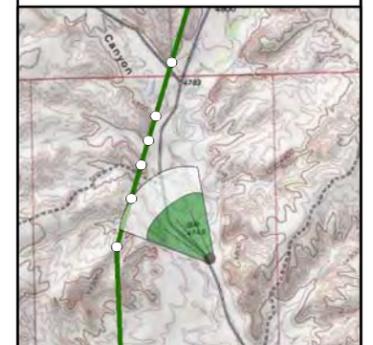
Rationale:

The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

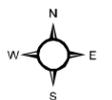
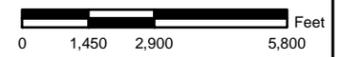
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

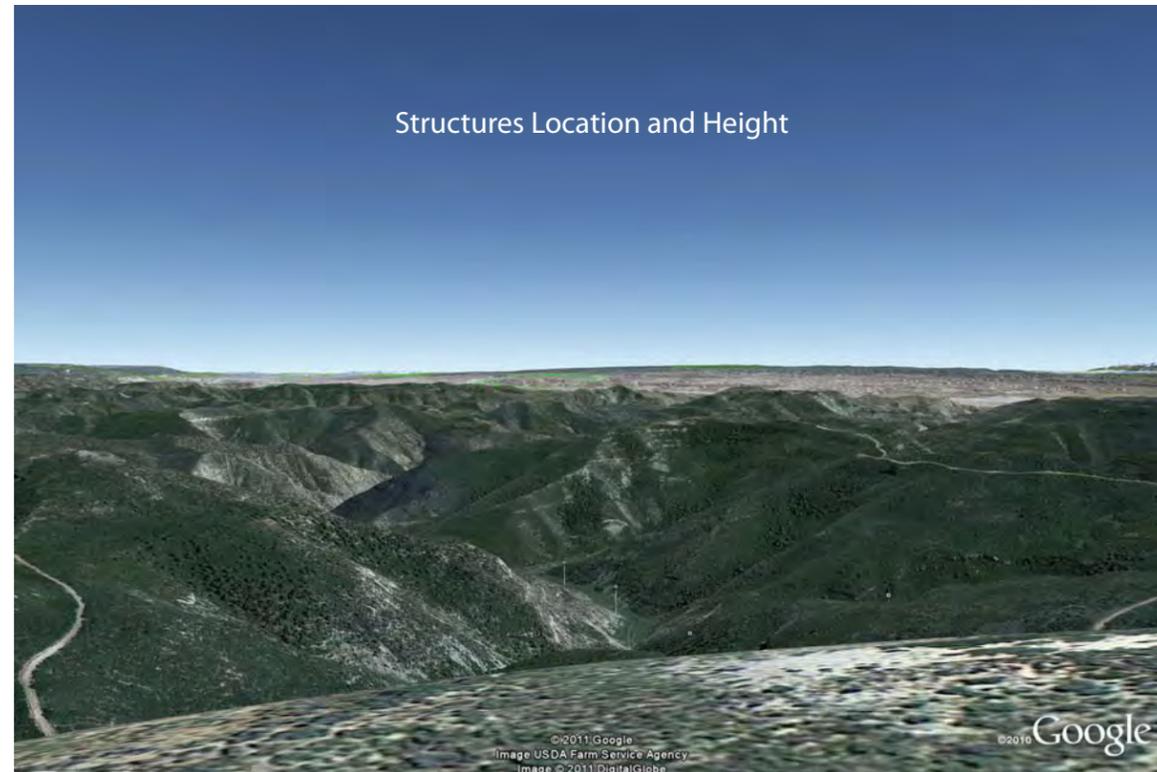
KOP GJ-18
Baxter Pass Road
(northbound)
(Segment 1220)



KOP Photograph



Structures Location and Height



Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 11/07/2010

District **Grand Junction FO**

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Baxter Pass</u> <u>South View</u> <u>Township 5S</u> <u>Range 103W</u> <u>Section 34</u>	5. Location Sketch Please see Figure 3.12-2
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SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar horizontal and angular ridges. Angular side slopes.	Organic planar surface of spruce-fir, pinyon-juniper and organic clumps of sagebrush and rabbit brush.	NA
LINE	Strong angular lines of skyline. Angular side slopes and foreground ridgeline.	Indistinct lines in surface of spruce-fir, pinyon-juniper, sagebrush, rabbit brush and grasses.	NA
COLOR	Very light, medium, and dark brown slopes.	Dark olive spruce-fir and pinyon-juniper. Light tan to brown rabbit brush and grasses and light to medium tan sagebrush.	NA
TEXTURE	Smooth to moderate landform.	Smooth to coarse trees, grasses and sagebrush.	NA

SECTION C. PROPOSED ACTIVITY DESCRIPTION

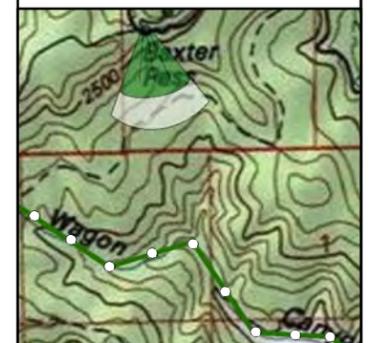
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		ROW clearing creates planar forms.	Strongly pyramidal steel lattice structures, and tubular conductors.
LINE		ROW clearing creates horizontal edges.	Vertical steel lattice structures and curvilinear conductors.
COLOR		ROW clearing creates sagebrush and grass colors – bluish greens and tans.	Light silver to dark grey steel lattice structures and conductors.
TEXTURE		ROW clearing creates smooth textures.	Course steel lattice structures and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

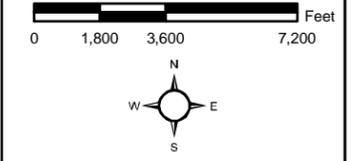
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form					X				X				Evaluator's Names M. Paulson Date 11/07/10	
Line					X				X					
Color					X				X					
Texture						X				X				



Project Location



KOP Location



**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

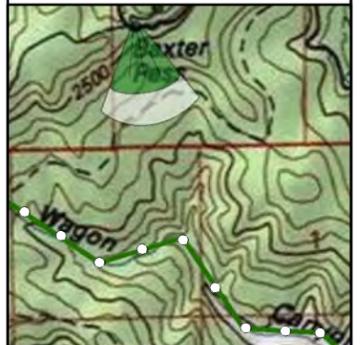
KOP GJ-19
Baxter Pass
(south view)
(Segment 1220)



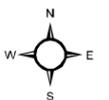
Rationale:
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



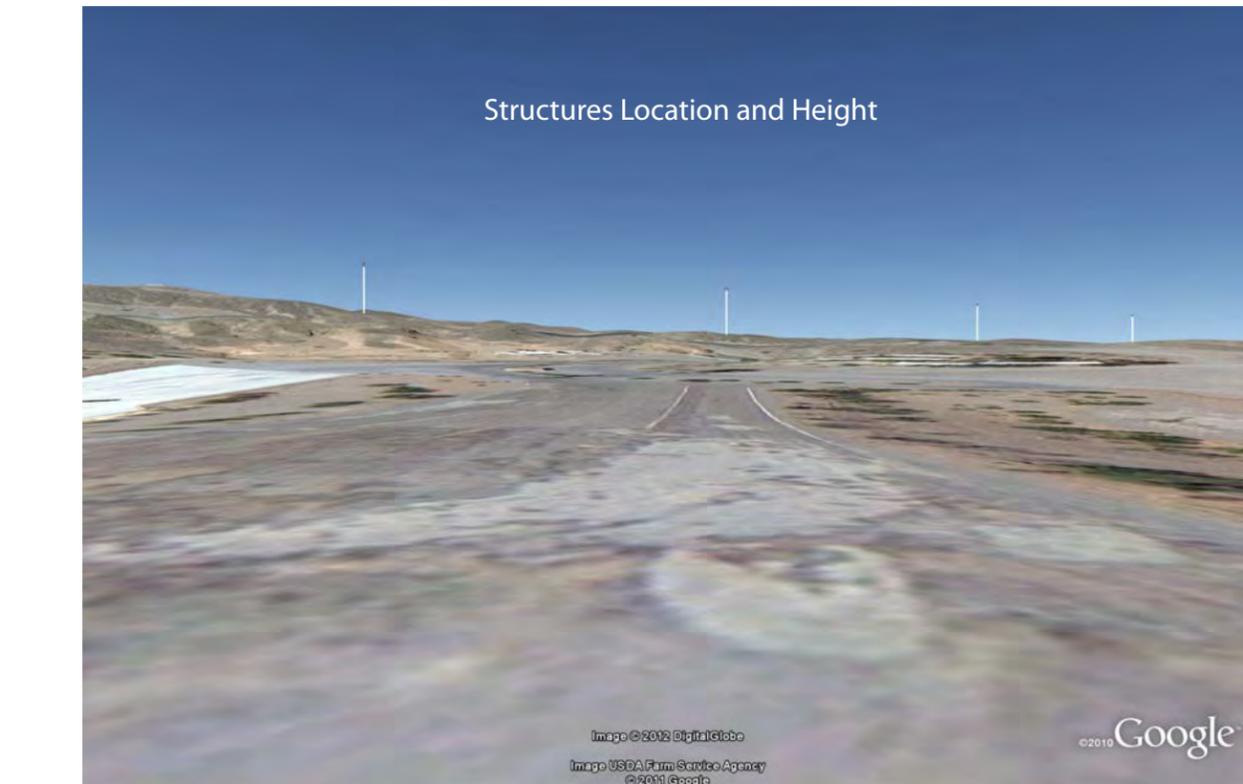
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP GJ-19
Simulated Condition
(Segment 1220)





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011

District Southern Nevada DO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Las Vegas</u> <u>Bay Boat Launch</u>	5. Location Sketch Please see Figure 3.12-4
2. Key Observation Point LMNRA-1	Township <u>21S</u>	
3. VRM Class Private	Range <u>64E</u> Section <u>19</u>	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar, graded boat launch parking and angular mountains.	Clumps of palm trees, shrubs and grasses.	Planar roadway and parking area. Cubed buildings and cylindrical utilities.
LINE	Curvilinear and angular ridgelines.	Irregular palm trees, shrubs and grass patterns.	Horizontal roadways and parking. Horizontal and vertical buildings. Vertical utilities.
COLOR	Light to medium reddish tan and grey.	Dark green palm trees and shrubs and tan desert shrubs and grasses.	Light, medium grey roadway and parking. Light grey and reddish tan buildings. Medium to dark grey utilities.
TEXTURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

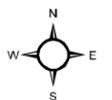
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)		
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)							
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None				
Form													X		Evaluator's Names M. Paulson	Date 09/09/2011
Line													X			
Color													X			
Texture													X			



Project Location



KOP Location



TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LMNRA-1
Las Vegas Bay
Boat Launch
(Segment 1710)

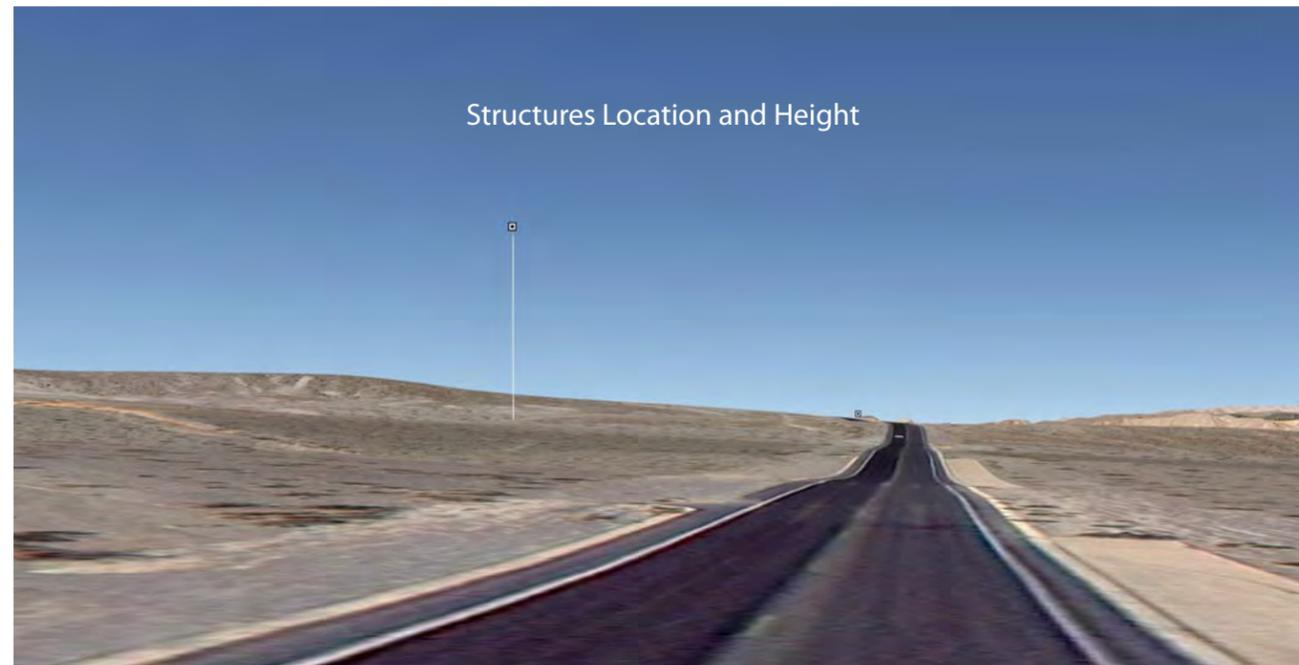


Rationale:
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

KOP Photograph



Structures Location and Height



Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011

District **Southern Nevada DO**

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Lake Mead-Lakeshore Dr.</u> <u>Township 21S</u> <u>Range 63E</u> <u>Section 13</u>	5. Location Sketch Please see Figure 3.12-4
--------------------------------------	--	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Rolling hills and angular mountains.	Clumps of desert shrubs and grasses.	Planar roadway
LINE	Curvilinear and angular ridgelines.	Irregular shrub and grass patterns.	Horizontal roadway..
COLOR	Light to medium reddish tan and grey.	Tan to brown shrubs and grasses.	Light, medium grey and tan roadways.
TEXTURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structure, spherical jumpers, and tubular conductors.
LINE			Vertical steel lattice structures, rounded jumpers, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, jumpers, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

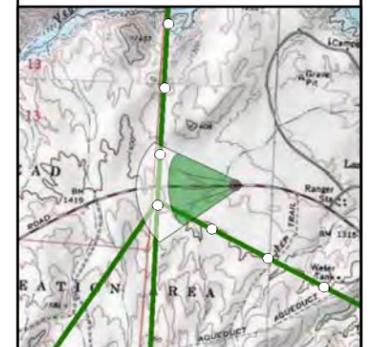
SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form									X	X			Evaluator's Names M. Paulson	Date 09/09/2011
Line									X	X				
Color									X	X				
Texture									X	X				

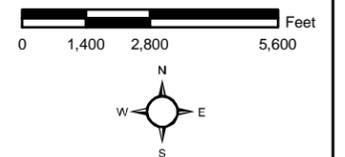
Rationale:
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



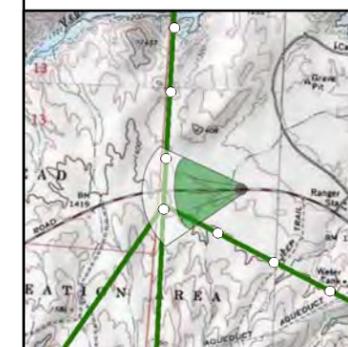
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LMNRA-2
Lake Mead
Lakeshore Drive
(Segment 1670)

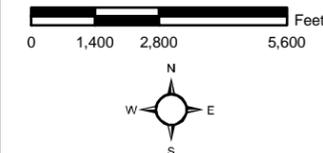




Project Location



KOP Location



**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP LMNRA-2
Simulated Condition
(Segment 1670)





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011

District Southern Nevada DO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Lake Mead</u> <u>Vis Ctr. (93 WB).</u> <u>Township 22S</u> <u>Range 64E</u> <u>Section 26</u>	5. Location Sketch Please see Figure 3.12-4
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SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Rolling hills and angular mountains.	Clumps of desert shrubs and grasses.	Planar roadway. Cubed residential buildings and cylindrical h-frame poles.
LINE	Angular rock formations and ridgelines.	Irregular shrubs and grass patterns.	Horizontal roadways. Horizontal and vertical buildings. Vertical utilities.
COLOR	Light to medium reddish tan and grey.	Dark green and tan desert shrubs and grasses.	Light, medium grey roadway. Multiple colors of structures. Medium to dark brown utilities.
TEXTURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)						
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None			
Form												X		Evaluator's Names M. Paulson	Date 09/09/2011
Line												X			
Color												X			
Texture												X			

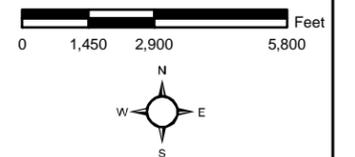
Rationale:
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LMNRA-4
Lake Mead Visitor Center
(93 westbound)
(Segment 1771)





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011

District Southern Nevada DO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>US-93 (EB)</u> Township <u>22S</u> Range <u>64E</u> Section <u>34</u>	5. Location Sketch Please see Figure 3.12-4
--------------------------------------	---	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Rolling hills and angular mountains.	Clumps of desert shrubs and grasses.	Planar roadway. Pyramidal steel lattice structures. Cubed hotel and cylindrical utility pole.
LINE	Angular rock formations and ridgelines.	Irregular shrubs and grass patterns.	Horizontal roadway. Horizontal and vertical building. Vertical utilities.
COLOR	Light to medium reddish tan and grey.	Dark green and tan desert shrubs and grasses.	Light, medium grey roadway. Tan reddish brown structures. Medium to dark brown utilities.
TEXTURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form													X	3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
Line													X	
Color													X	
Texture													X	

2. Does project design meet visual resource management objectives? Yes No (Explain on reverse side)

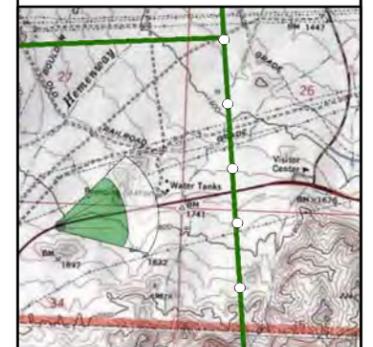
3. Additional mitigating measures recommended Yes No (Explain on reverse side)

Evaluator's Names: M. Paulson Date: 09/09/2011

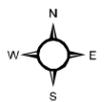
Rationale:
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



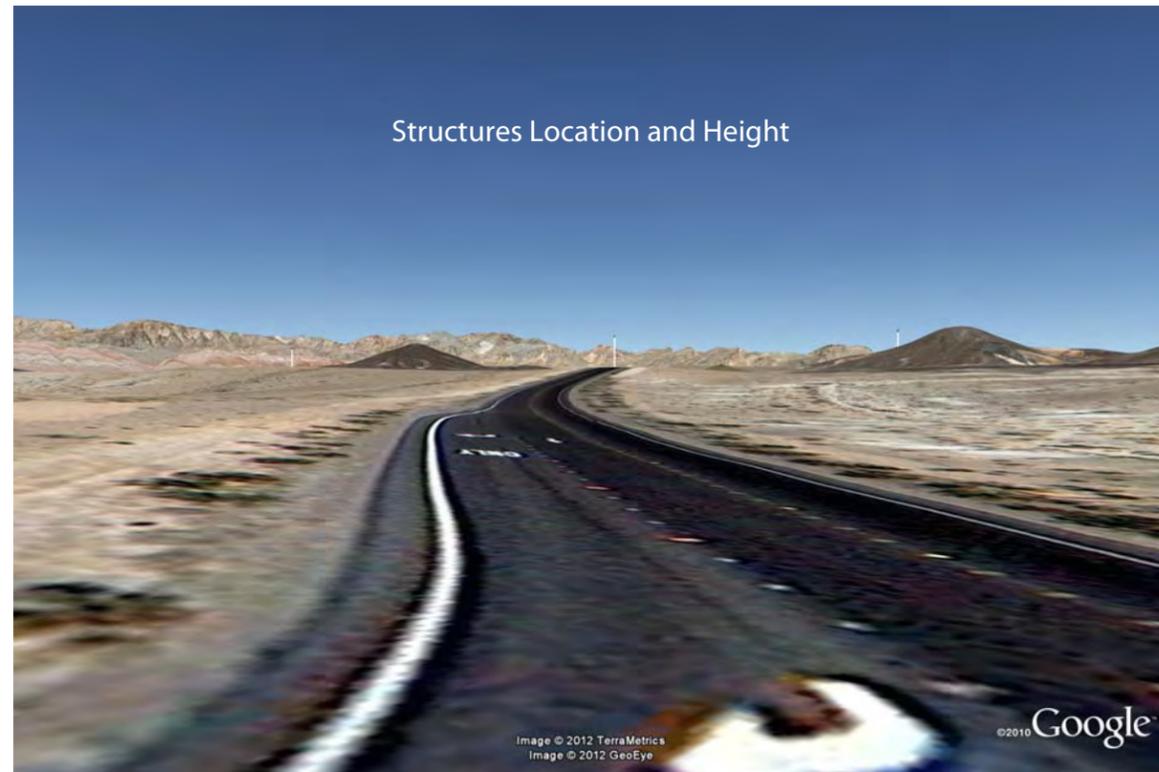
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP LMNRA-5
U.S. 93
(eastbound)
(Segment 1771)





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 09/10/2011

District **Southern Nevada DO**

Resource Area _____

Activity (program) _____

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Lake Mead Blvd (NB)</u>	5. Location Sketch Please see Figure 3.12-4
2. Key Observation Point LMNRA-6	Township <u>20S</u>	
3. VRM Class Private	Range <u>63E</u>	
	Section <u>35</u>	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Rolling hills and angular mountains.	Clumps of desert shrubs and grasses.	Planar roadway and pullout parking. Multiple pyramidal steel lattice structures.
LINE	Curvilinear and angular ridgelines.	Irregular shrubs and grass patterns.	Horizontal roadway. Vertical T-line structures.
COLOR	Light to medium reddish tan and grey.	Dark brown and tan desert shrubs and grasses.	Medium to dark grey roadway. Medium to dark grey utilities.
TEXTURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

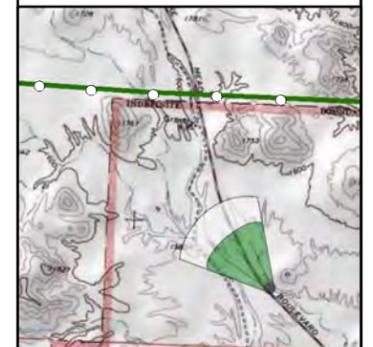
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

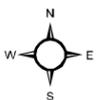
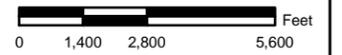
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form													Evaluator's Names	Date
Line													M. Paulson	09/10/2011
Color														
Texture														



Project Location



KOP Location

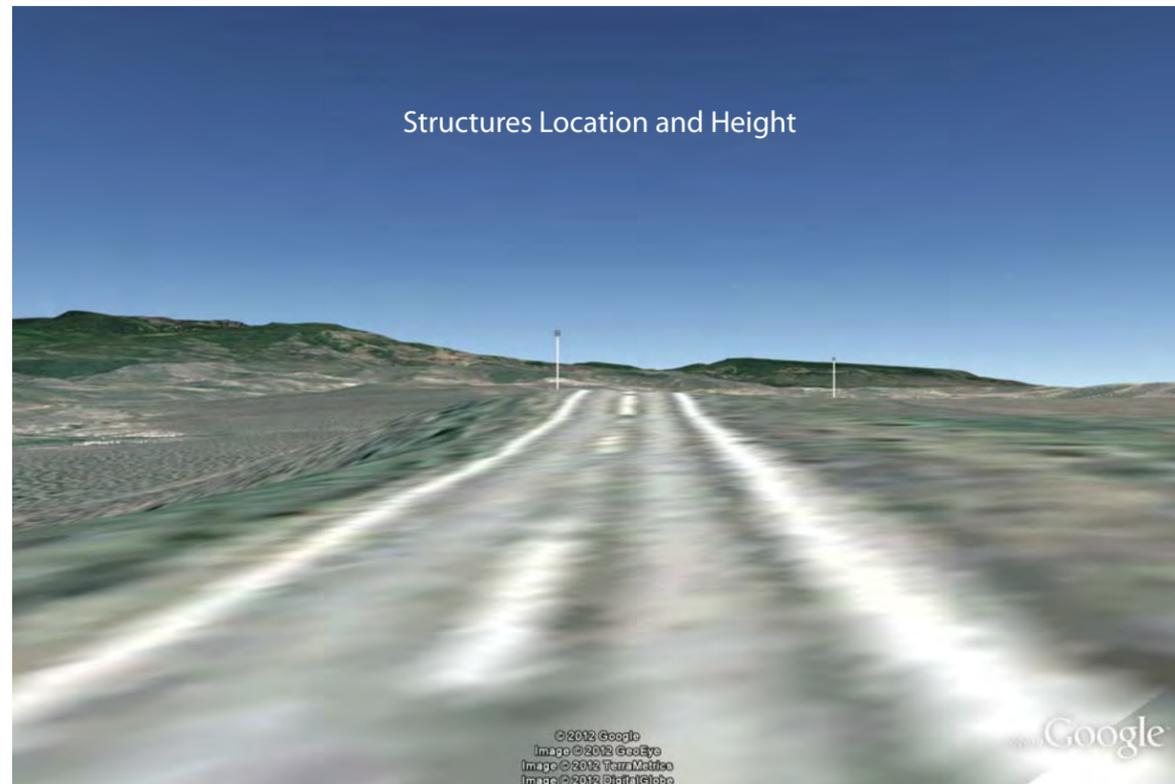
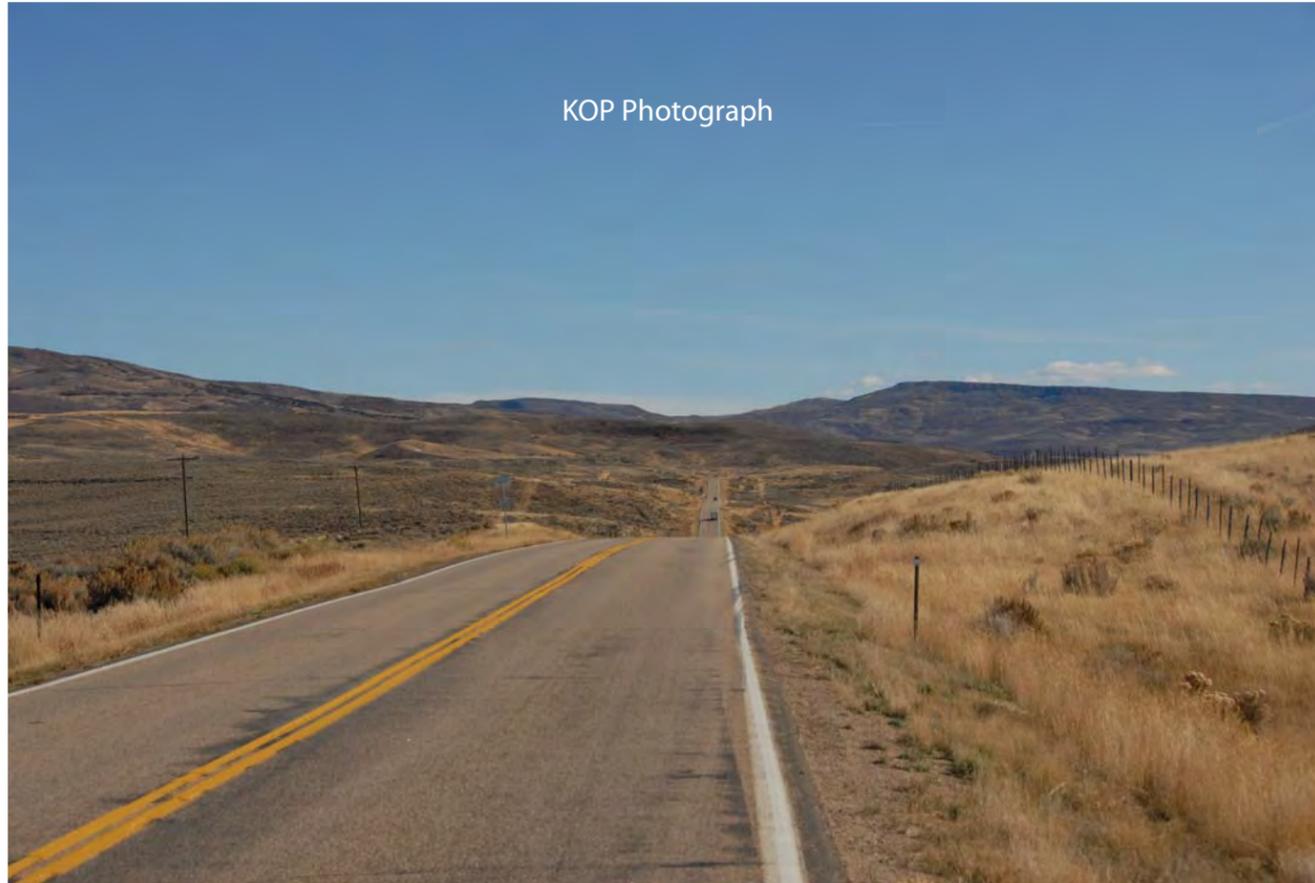


TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LMNRA-6
Lake Mead Boulevard
(northbound)
(Segment 1650)



Rationale:
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 10/22/2011

District Little Snake FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location_Colo. SH-13 (SB) Township_10N Range_91W Section_11	5. Location Sketch Please see Figure 3.12-1
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SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

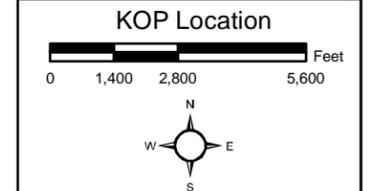
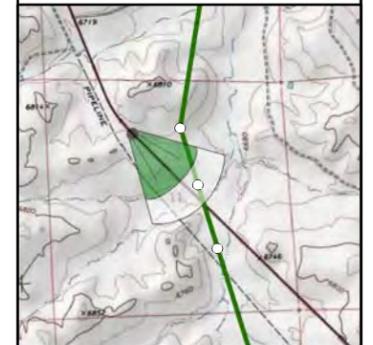
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar horizontal and angular ridges. Angular side slopes.	Organic clumps of rabbit brush, sagebrush and grasses.	Planar foreground roadway. Subtle linear fence posts.
LINE	Strong angular skyline. Angular side slopes and foreground ridgeline.	Indistinct sagebrush, rabbit brush and grasses.	Linear horizontal foreground roadway and vertical fence posts.
COLOR	Very light, medium, and dark grey and brown exposed eroded slopes.	Medium olive green sagebrush. Golden tan to brown grasses and forbs.	Light to medium grey foreground roadway and dark brown fence posts.
TEXTURE	Smooth to moderate exposed soils.	Coarse sagebrush. Smooth to coarse grasses.	Smooth to medium foreground roadway and fence posts..

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Strongly pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Course steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

Elements	DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
		LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form													X		Evaluator's Names M. Paulson Date 07/22/2011
Line													X		
Color													X		
Texture													X		



Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

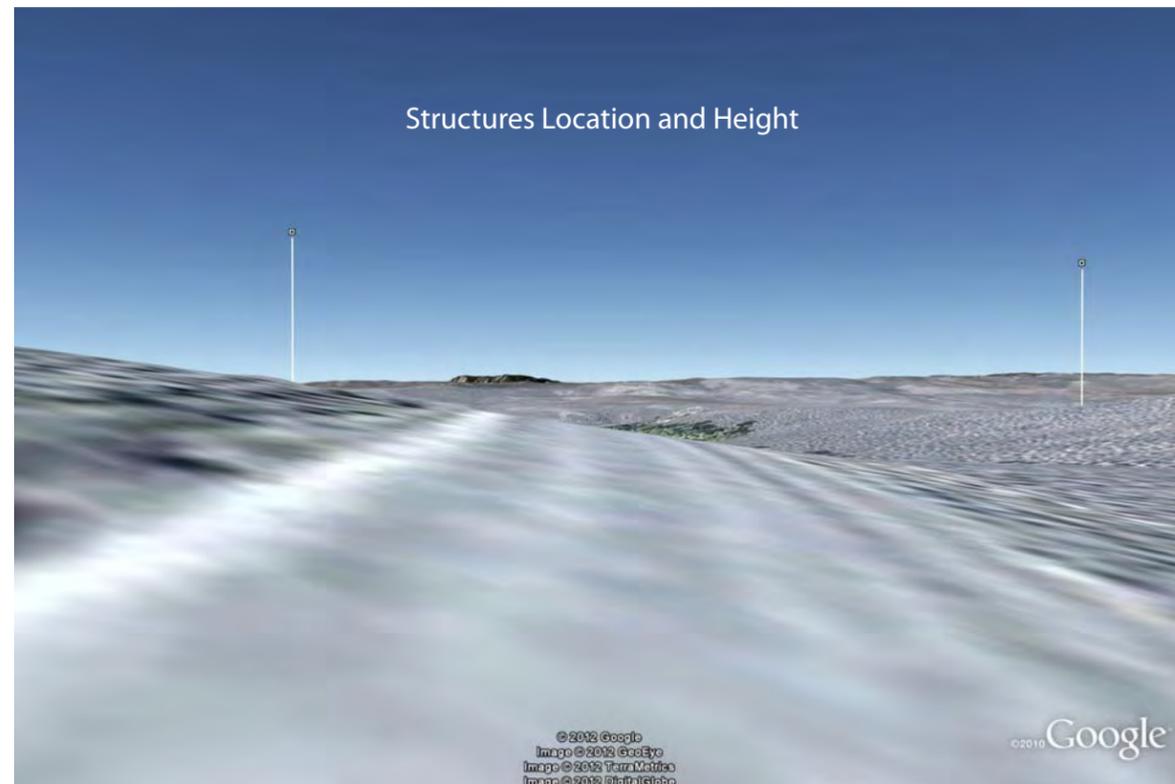
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LS-1
Colo State Highway 13 (southbound)
(Segment 1190)





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 10/24/2010

District **Little Snake FO**

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Recreation</u> Road - Residential	5. Location Sketch Please see Figure 3.12-1
2. Key Observation Point LS-2	Township <u>9N</u>	
3. VRM Class III	Range <u>90W</u> Section <u>35</u>	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar ridges. Angular mountain backdrop and side slopes and erosion cuts.	Organic clumps of mature cottonwoods and rabbit brush and sagebrush. Planar grass patterns.	Cubed and pyramidal ranch buildings. Planar road.
LINE	Strong horizontal ridge and mountain skyline. Angular side slopes. Horizontal valley floor.	Indistinct curvilinear cottonwood trees, rabbit brush and sagebrush.	Horizontal and vertical lines of ranch buildings. Curved road.
COLOR	Very light, medium, and dark brown slopes.	Orange, tan and brown mature cottonwoods. Gold to tan and brown rabbit brush and sagebrush.	Light to medium tan ranch buildings. Light to medium grey roadway.
TEXTURE	Smooth landforms.	Coarse cottonwoods and shrubs.	Smooth ranch buildings and medium roadway.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

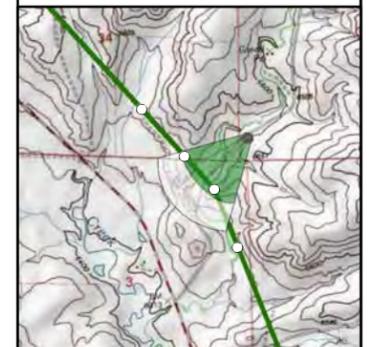
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Strongly pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Course steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

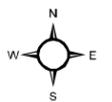
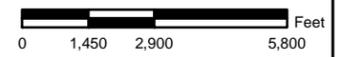
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form									X				Evaluator's Names M. Paulson	Date 07/22/2011
Line										X				
Color										X				
Texture											X			



Project Location



KOP Location



**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP LS-2
Recreation Road
Residential
(Segment 1190)



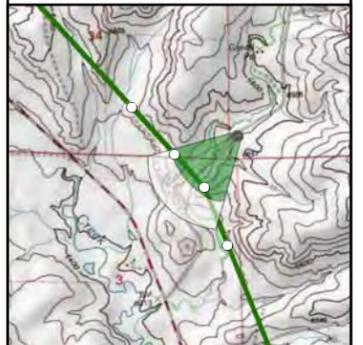
Rationale:

Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objectives. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-4, VR-6, and VR-7) would further reduce contrasts.

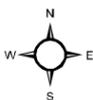
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



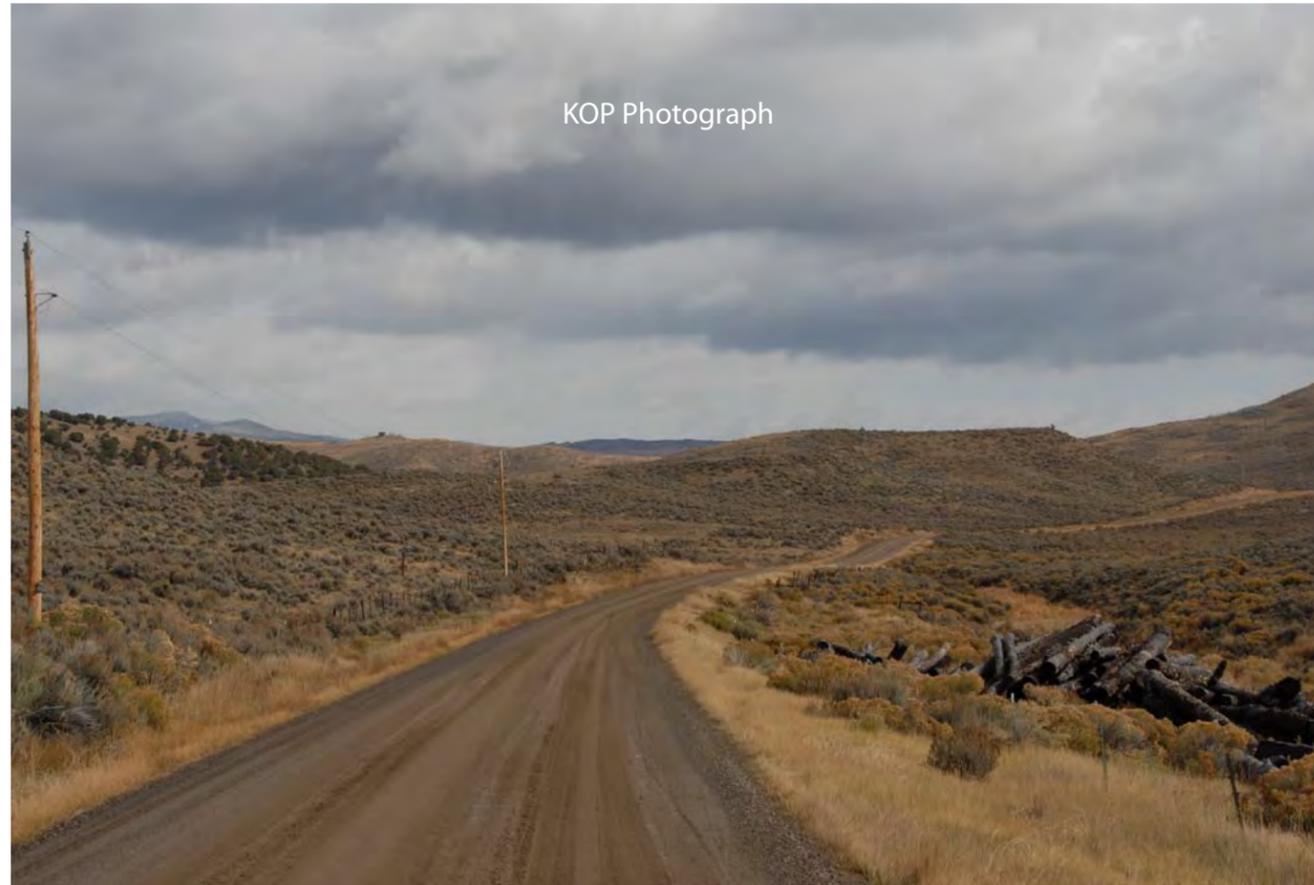
KOP Location



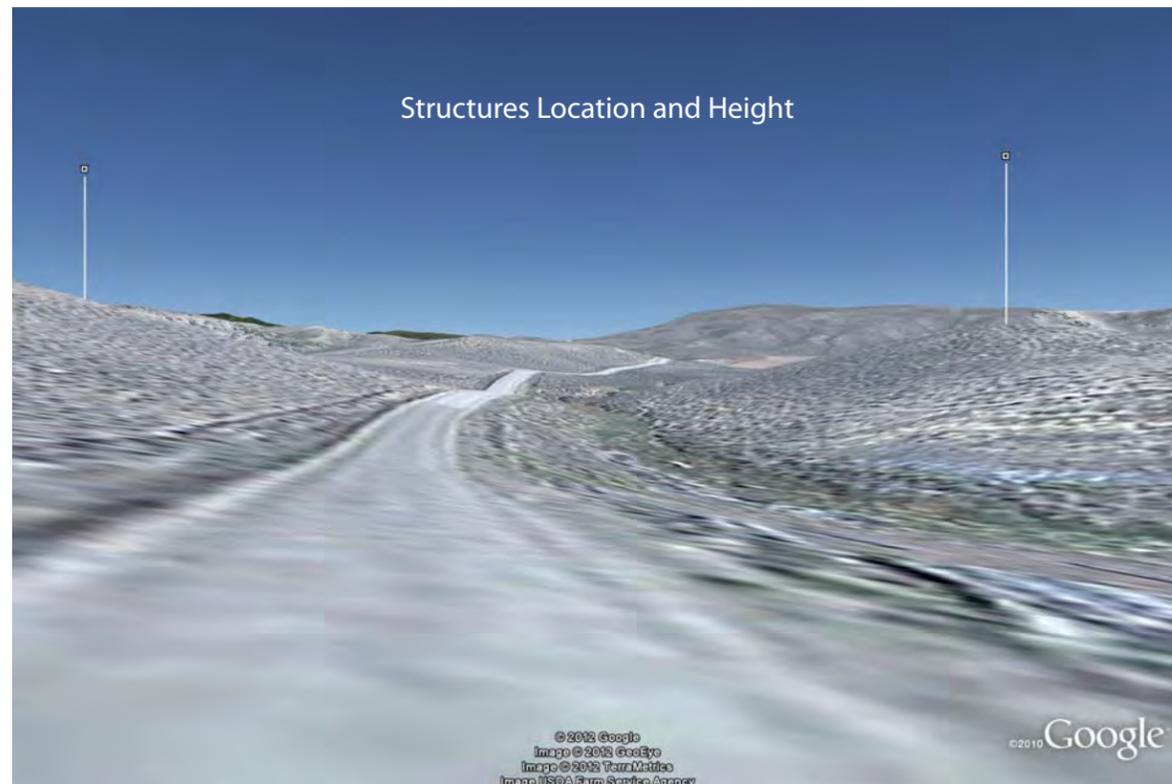
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP LS-2
Simulated Condition
(Segment 1190)





KOP Photograph



Structures Location and Height

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 Image © 2012 Google
 Image © 2012 TerraMetrics
 Image USGS Aerial Services Agency

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Form 8400-4 (September 1985)

**UNITED STATES
 DEPARTMENT OF THE INTERIOR
 BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 10/24/2010

District Little Snake FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Recreation Road</u>	5. Location Sketch Please see Figure 3.12-1
2. Key Observation Point LS-3	Township <u>8N</u>	
3. VRM Class III	Range <u>90W</u>	
	Section <u>3</u>	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar ridges. Angular mountain backdrop and side slopes.	Organic clumps of pinyon-juniper, rabbit brush and sagebrush. Planar grass patterns.	Cylindrical utility poles. Planar road.
LINE	Strong horizontal ridge and mountain skyline. Angular side slopes and valley.	Indistinct pinyon-juniper, rabbit brush and sagebrush.	Vertical lines of utility poles. Curved road.
COLOR	Very light, medium, and dark brown slopes.	Gold to tan and brown rabbit brush and sagebrush. Dark olive green pinyon-juniper.	Light to medium brown utility poles. Medium to dark grey roadway.
TEXTURE	Smooth landforms.	Coarse pinyon-juniper and shrubs.	Smooth utility poles and wood pile and medium roadway..

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Strongly pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Course steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

Elements	DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Explain on reverse side)	3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)				
		LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)									
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None						
Form													X					Evaluator's Names M. Paulson	Date 07/22/2011
Line														X					
Color														X					
Texture															X				

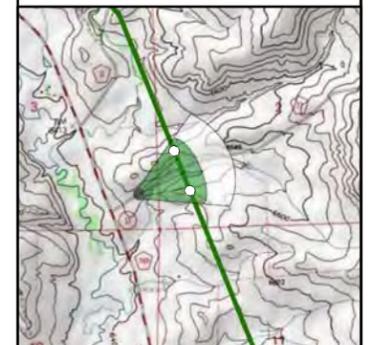
Rationale:

Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objectives. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-4, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

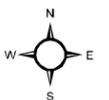


Project Location



KOP Location

0 1,400 2,800 5,600 Feet



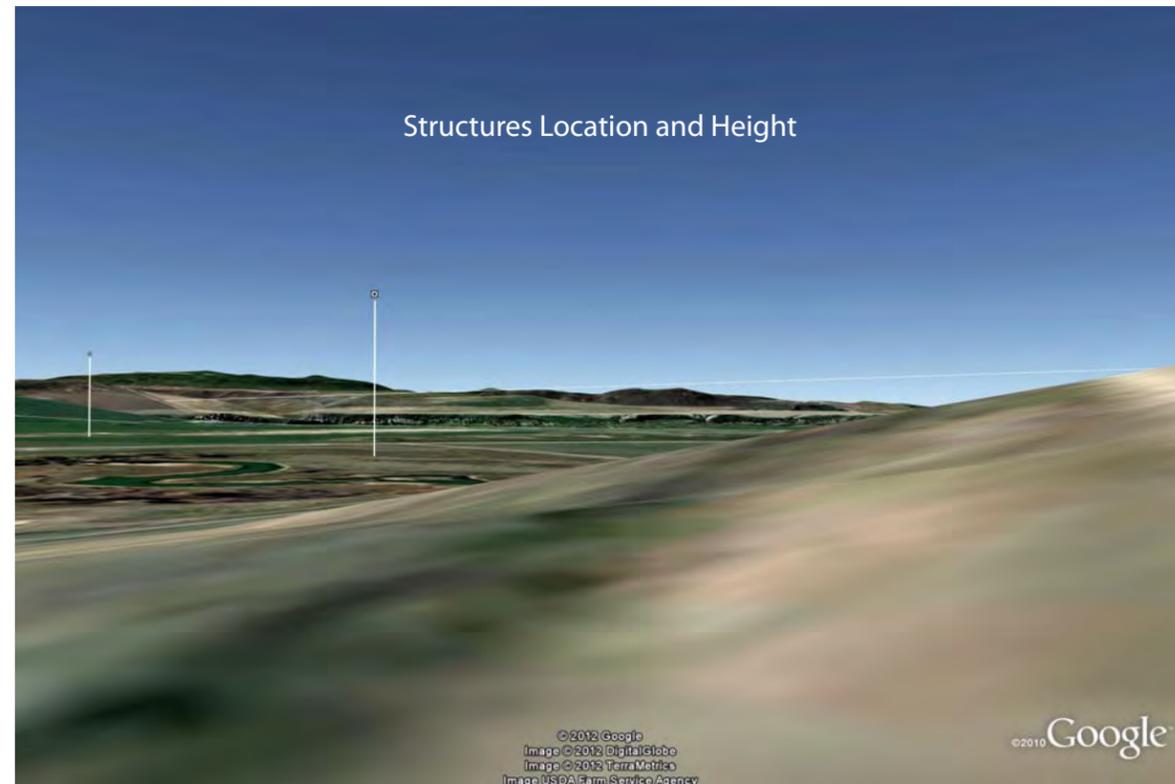
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LS-3
 Recreation Road
 (Segment 1190)





KOP Photograph



Structures Location and Height

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Image ©2012 TerraMetrics
Image USDA Farm Service Agency

©2010 Google

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 07/22/2011

District Little Snake FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Recreation</u> Road - Residential	5. Location Sketch Please see Figure 3.12-1
2. Key Observation Point LS-4	Township <u>7N</u>	
3. VRM Class Private	Range <u>89W</u> Section <u>30</u>	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar ridges. Angular mountain backdrop and side slopes and erosion cuts.	Organic clumps of mature cottonwoods and riparian shrubs. Planar grass patterns.	Cubed and pyramidal ranch buildings.
LINE	Strong horizontal ridge and mountain skyline. Angular side slopes. Horizontal valley floor.	Distinct curvilinear cottonwood trees and meandering linear bands of riparian shrubs. Horizontal grassland edges.	Indistinct horizontal and vertical lines of ranch buildings.
COLOR	Very light, medium, and dark brown exposed eroded slopes.	Olive green mature cottonwoods. Yellowish olive green greasewood. Bright green field grasses and golden tan to brown native grasses.	Light to moderate grey ranch buildings.
TEXTURE	Smooth landforms.	Coarse cottonwoods and riparian shrubs. Smooth grasses.	Smooth ranch buildings.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form													x	Evaluator's Names M. Paulson Date 07/22/2011
Line													x	
Color													x	
Texture												x		

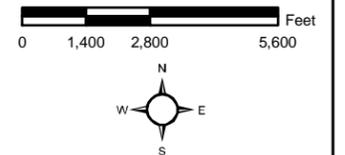
Rationale:
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP LS-4
Recreation Road
Residential
(Segment 1190)

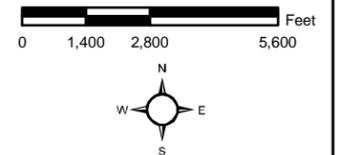




Project Location



KOP Location



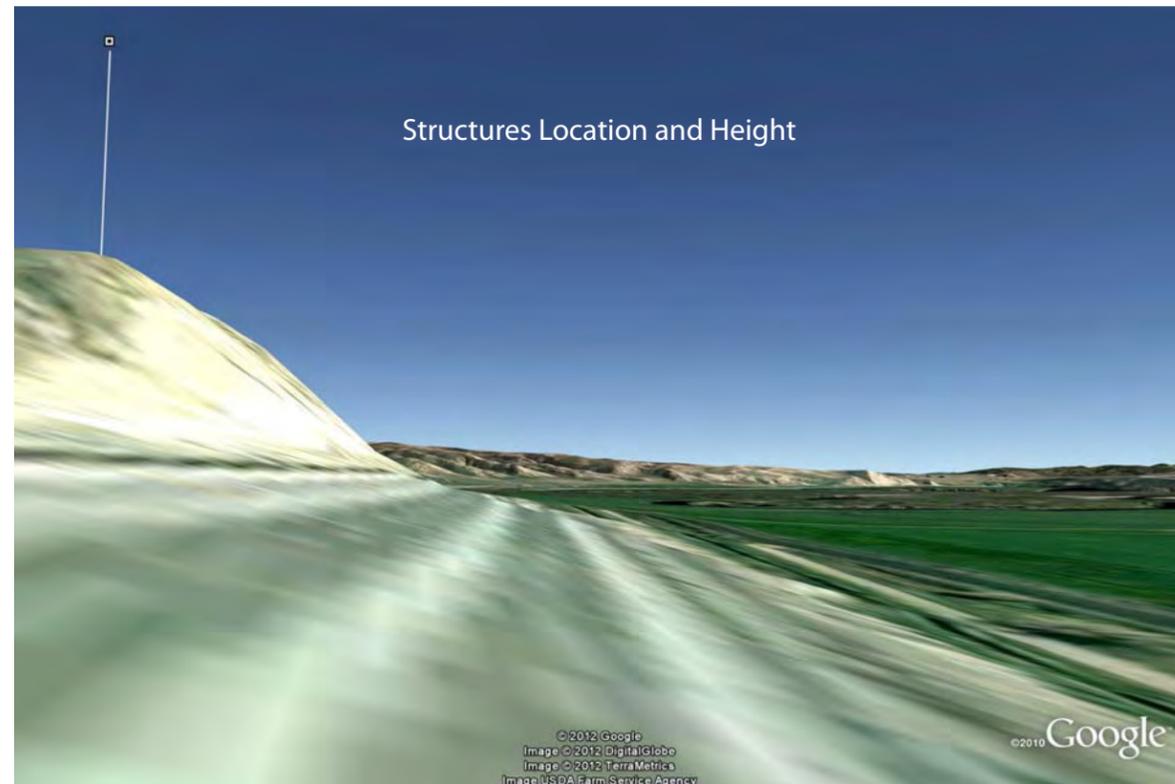
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP LS-4
(Segment 1190)
Simulated Condition





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 10/24/2010

District Little Snake FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>US-40 (EB)</u> Township <u>7N</u> Range <u>89W</u> Section <u>31</u>	5. Location Sketch Please see Figure 3.12-1
2. Key Observation Point LS-5		
3. VRM Class Private		

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar ridges and valley floor. Angular mountain backdrop and side slopes.	Organic clumps of mature cottonwoods and rabbit brush and sagebrush. Planar field grass patterns.	Cylindrical fence posts. Horizontal hay stack cylinders..
LINE	Horizontal ridge and mountain skyline. Angular side slopes. Horizontal valley floor.	Indistinct curvilinear cottonwood trees, rabbit brush and sagebrush. Horizontal field grass.	Horizontal haystacks and vertical lines of fence posts.
COLOR	Very light, medium, and dark tan to brown slopes.	Orange, tan and brown mature cottonwoods. Gold to tan and brown rabbit brush and sagebrush.	Medium to dark brown fence posts.
TEXTURE	Smooth landforms.	Coarse cottonwoods and shrubs.	Smooth fence posts and haystacks.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Strongly pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Course steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

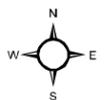
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)							
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)						
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None								
Elements														Form					Evaluator's Names M. Paulson	Date 07/22/2011
														Line						
														Color						
														Texture						



Project Location



KOP Location



TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LS-5
U.S. 40
(eastbound)
(Segment 1190)





Project Location



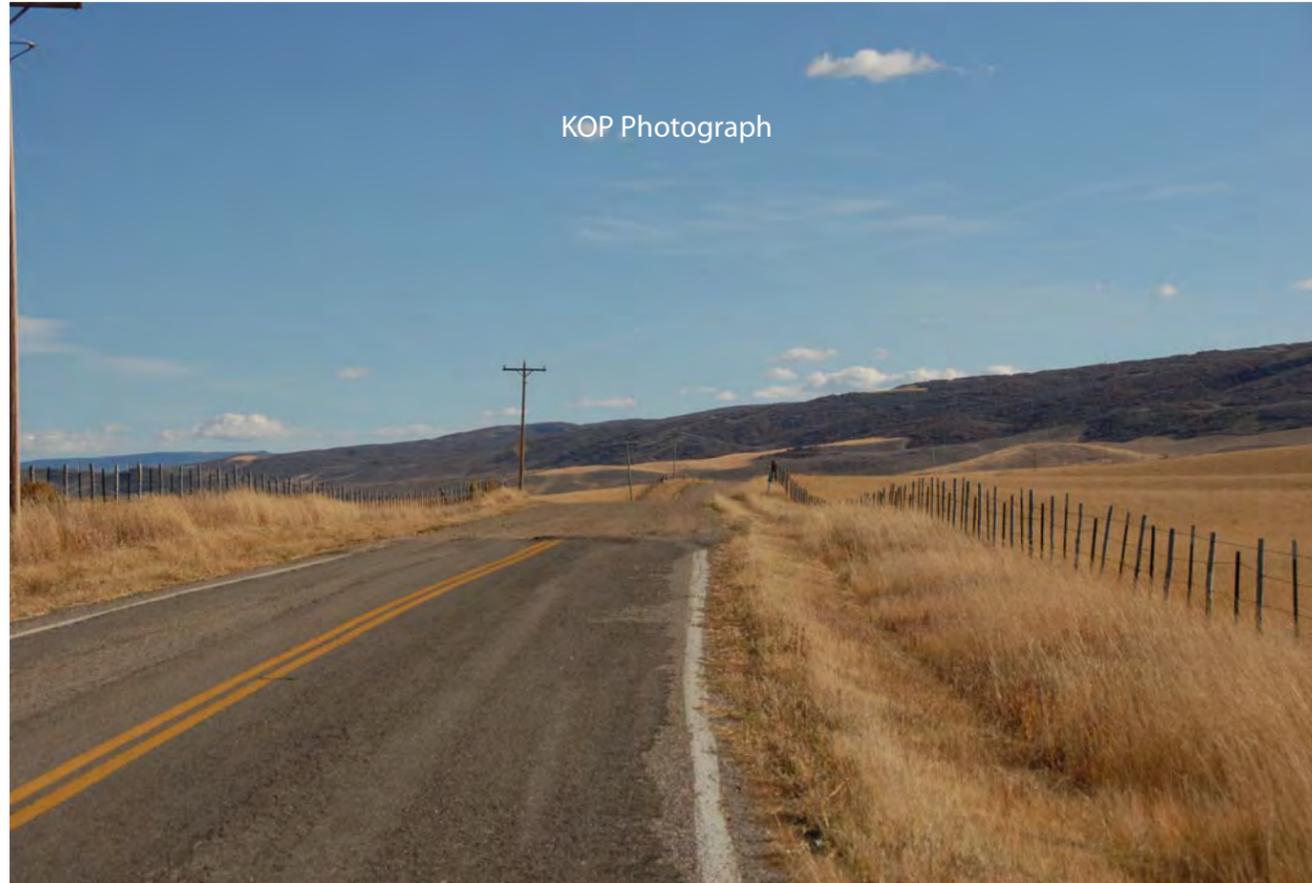
KOP Location



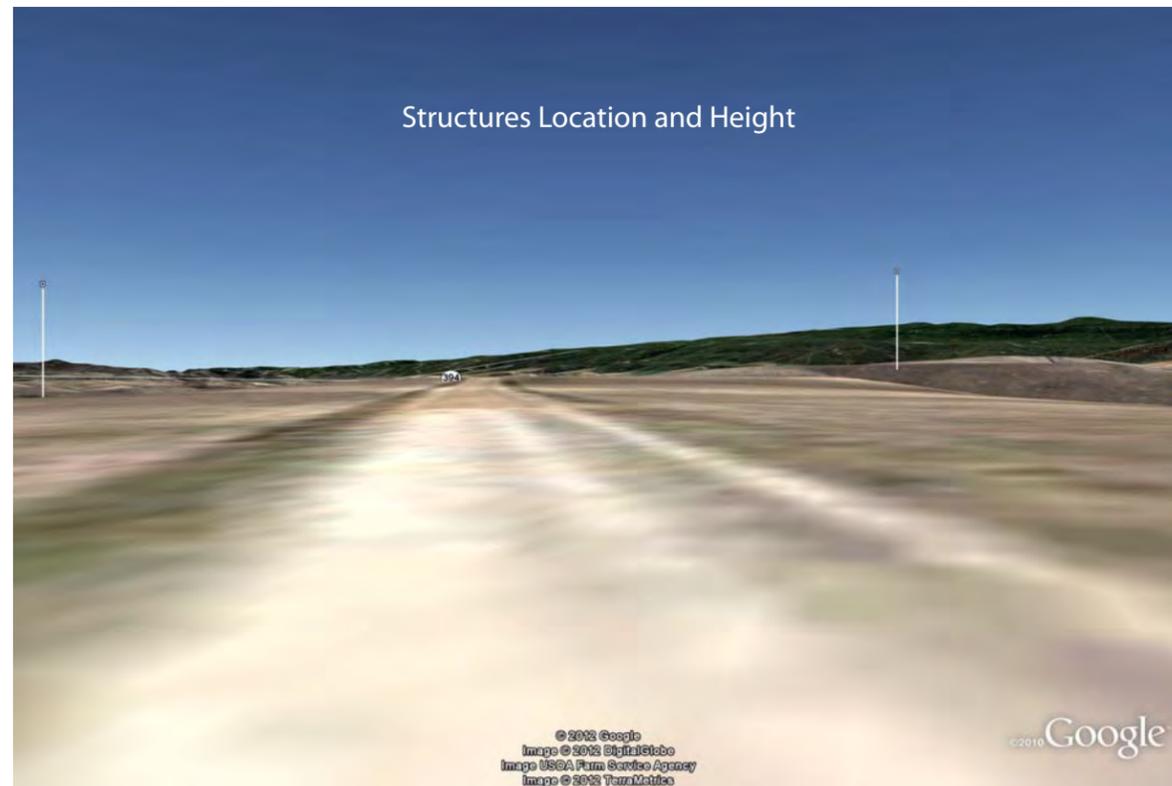
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP LS-5
(Segment 1190)
Simulated Condition





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 10/22/2011

District **Little Snake FO**

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Colo SH-394</u> (SB) Township <u>6N</u> Range <u>90W</u> Section <u>11</u>	5. Location Sketch Please see Figure 3.12-1
--------------------------------------	---	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar horizontal and angular ridges. Angular side slopes.	Organic planar surface of grasses and background of pinyon-juniper.	Planar foreground roadway. Columnar utility poles and linear fence posts.
LINE	Strong angular skyline. Angular side slopes and foreground ridgeline.	Horizontal grasses and organic clumps of foreground grasses.	Linear horizontal foreground roadway, vertical and horizontal utility poles and vertical fence posts.
COLOR	Very light, medium, and dark grey and brown slopes.	Light tan to brown grasses and dark green pinyon-juniper.	Light to medium grey FG roadway, light brown MG roadway and dark brown utility poles and fence posts.
TEXTURE	Smooth to moderate landforms.	Smooth to coarse grasses and background pinyon-juniper.	Smooth paved and medium gravel roadway. Smooth utility poles and fence posts.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Strongly pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Course steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form													x	Evaluator's Names M. Paulson Date 10/22/2011
Line													x	
Color													x	
Texture													x	

Rationale:
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objectives. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-4, VR-6, and VR-7) would further reduce contrasts.

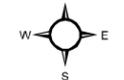
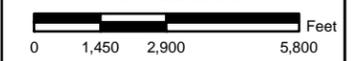
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP LS-6
Color State Hwy 394
(southbound)
(Segment 1190)

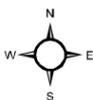




Project Location



KOP Location



**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP LS-6
Simulated Condition
(Segment 1190)





KOP Photograph



KOP Location

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 10/23/2010

District **Little Snake FO**

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Yampa River</u> <u>Boat Launch</u> <u>Township_6N</u> <u>Range_91W</u> <u>Section_16</u>	5. Location Sketch Please see Figure 3.12-1
--------------------------------------	---	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar horizontal and angular ridges. Angular side slopes.	Organic clumps of sagebrush and grasses and foreground riparian shrubs.	
LINE	Strong angular skyline. Angular side slopes and banded rock formations.	Indistinct lines of shrubs and grasses.	
COLOR	Very light, medium, and dark tan and brown slopes. Reddish brown rocks.	Light to medium olive green sagebrush and light to medium reddish brown riparian shrubs.	
TEXTURE	Smooth to moderate landforms and moderate to coarse rocks.	Smooth to coarse shrubs and grasses.	

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Strongly pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Course steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

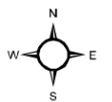
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Explain on reverse side)	3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)						
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None			
Form													X	Evaluator's Names M. Paulson	Date 10/23/2010
Line													X		
Color													X		
Texture													X		



Project Location



KOP Location



**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP LS-7
Yampa River Boat Launch
(Segment 1190)



Rationale:
Where the Project would be located within 0.5 mile of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III management objectives. Mitigation measures (VR-1, VR-3, VR-4, VR-5, VR-7, VR-9, VR-10, and VR-12) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 mile away from viewer locations.

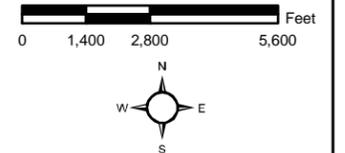
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



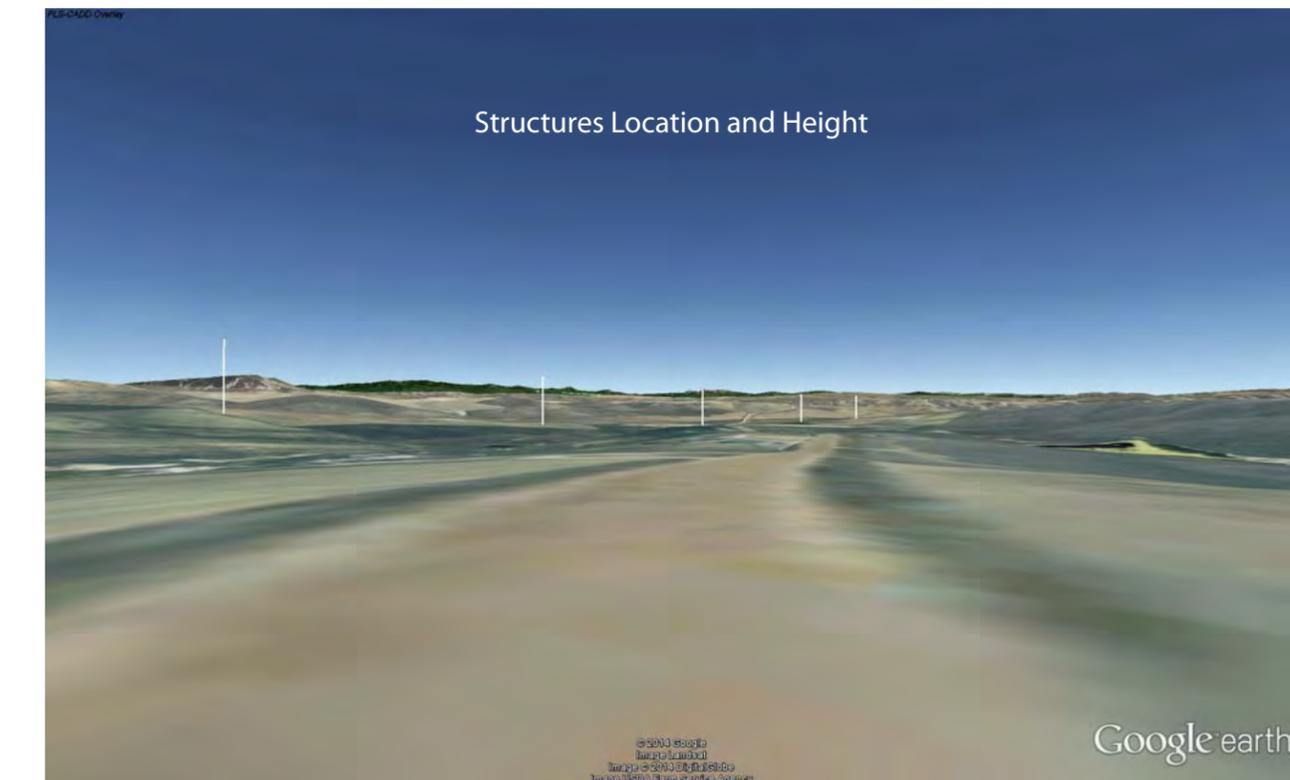
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP LS-7
(Segment 1190)
Simulated Condition





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 04/24/2014

District Little Snake

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Moffat</u> <u>Road 11 (NB)</u> <u>Township 6N</u> <u>Range 92W</u> <u>Section 12</u>	5. Location Sketch Please see Figure 3.12-1
2. Key Observation Point LS-8		
3. VRM Class Private		

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar horizontal and angular ridges. Angular side slopes.	Organic planar surface of grasses and organic clumps of sagebrush.	Planar foreground roadway. Cuboid residential structures. Columnar irregular fence posts. Pyramidal T-lines
LINE	Strong angular skyline. Angular side slopes and foreground ridgeline.	Angular surface of grasses and organic clumps of foreground shrubs and grasses.	Linear horizontal foreground roadway, horizontal and vertical structures, and irregular vertical fence posts. Vertical and curvilinear T-lines.
COLOR	Very light, medium, and dark grey and brown slopes.	Light tan to brown grasses and medium to dark green sagebrush.	Light to medium brown roadway, white and dark grey structures, and dark brown fence posts. Dark grey T-lines.
TEXTURE	Smooth to moderate landform.	Smooth to coarse grasses and sagebrush.	Smooth to medium gravel roadway. Smooth structures, utility poles, and fence posts. Smooth T-lines.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Strongly pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Course steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

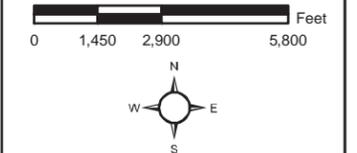
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)		
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None			
Form													X	Evaluator's Names M. Paulson	Date 04/24/2014
Line													X		
Color													X		
Texture													X		



Project Location



KOP Location



Rationale:
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LS-8
Moffat Road 11
(northbound)
(Segment 1190)

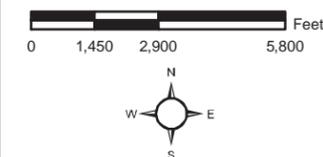




Project Location



KOP Location



**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP LS-8
Simulated Condition
(Segment 1190)





KOP Photograph

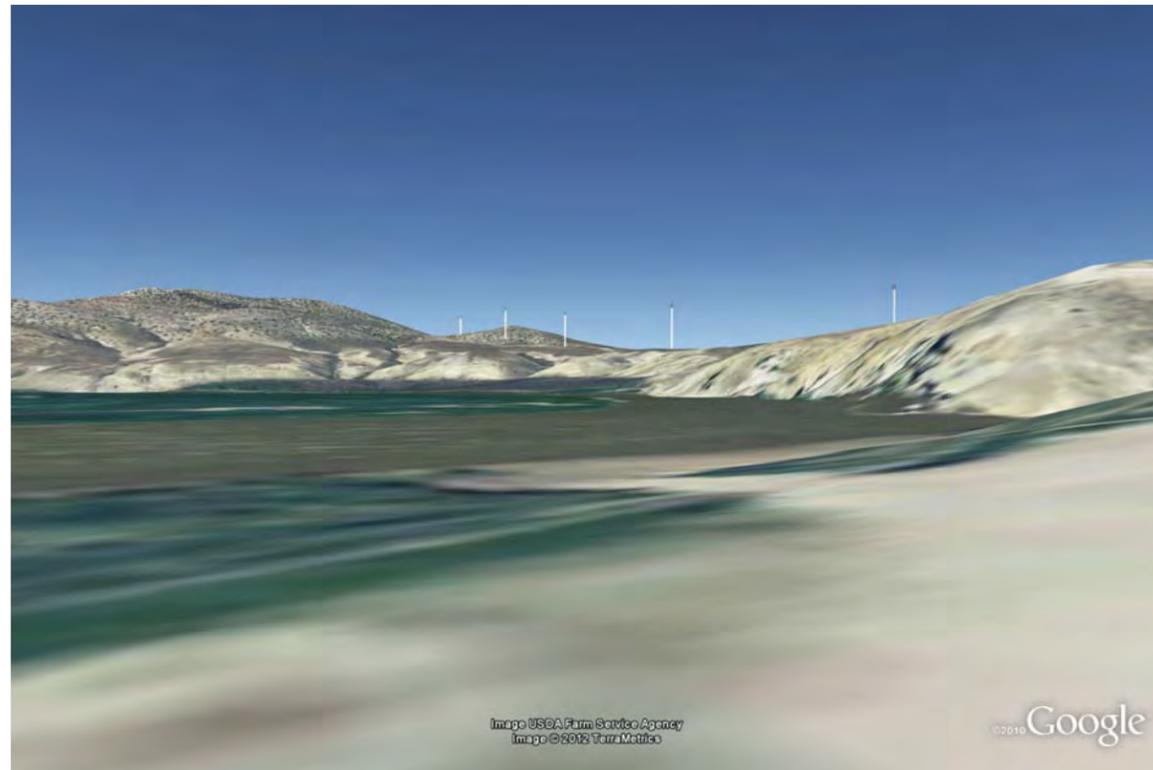


Image USGS Farm Service Agency
Image © 2012 TerraMetrics

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Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 10/24/2010

District Little Snake FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Yampa River Boat Launch</u> Township <u>6N</u> Range <u>94W</u> Section <u>17</u>	5. Location Sketch Please see Figure 3.12-1
--------------------------------------	---	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar Yampa River. Planar angular and horizontal ridges. Angular and vertical side slopes and erosion cuts.	Organic shapes of riparian tree, shrubs, and sagebrush and grasses.	Pyramidal 345-kV Transmission Line
LINE	Strong foreground horizontal and curving river. Angular and vertical side slopes.	Indistinct riparian tree, shrubs, and pinyon-juniper, sagebrush and grasses.	Vertical 345-kV Transmission Line
COLOR	White to blue river. Light to medium tan to brown landform.	Silvery tan and browns riparian tree, shrubs. Medium grey-green sagebrush, medium tan to brown grasses.	Medium grey 345-kV Transmission Line
TEXTURE	Coarse water and cliffs. Smooth landform.	Smooth to coarse riparian tree, shrubs, pinyon-juniper, sagebrush and grasses.	Smooth Pyramidal 345-kV Transmission Line

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Strongly pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Course steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

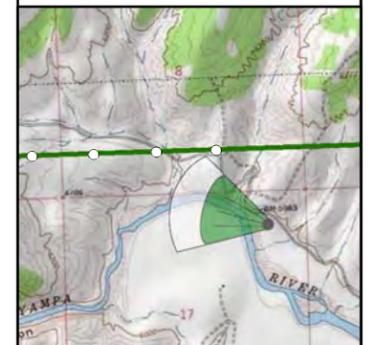
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)		
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None			
Elements														Evaluator's Names M. Paulson	Date 10/24/10
Form												X			
Line												X			
Color												X			
Texture													X		

Rationale:
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objectives. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-4, VR-6, and VR-7) would further reduce contrasts.

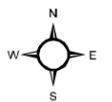
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



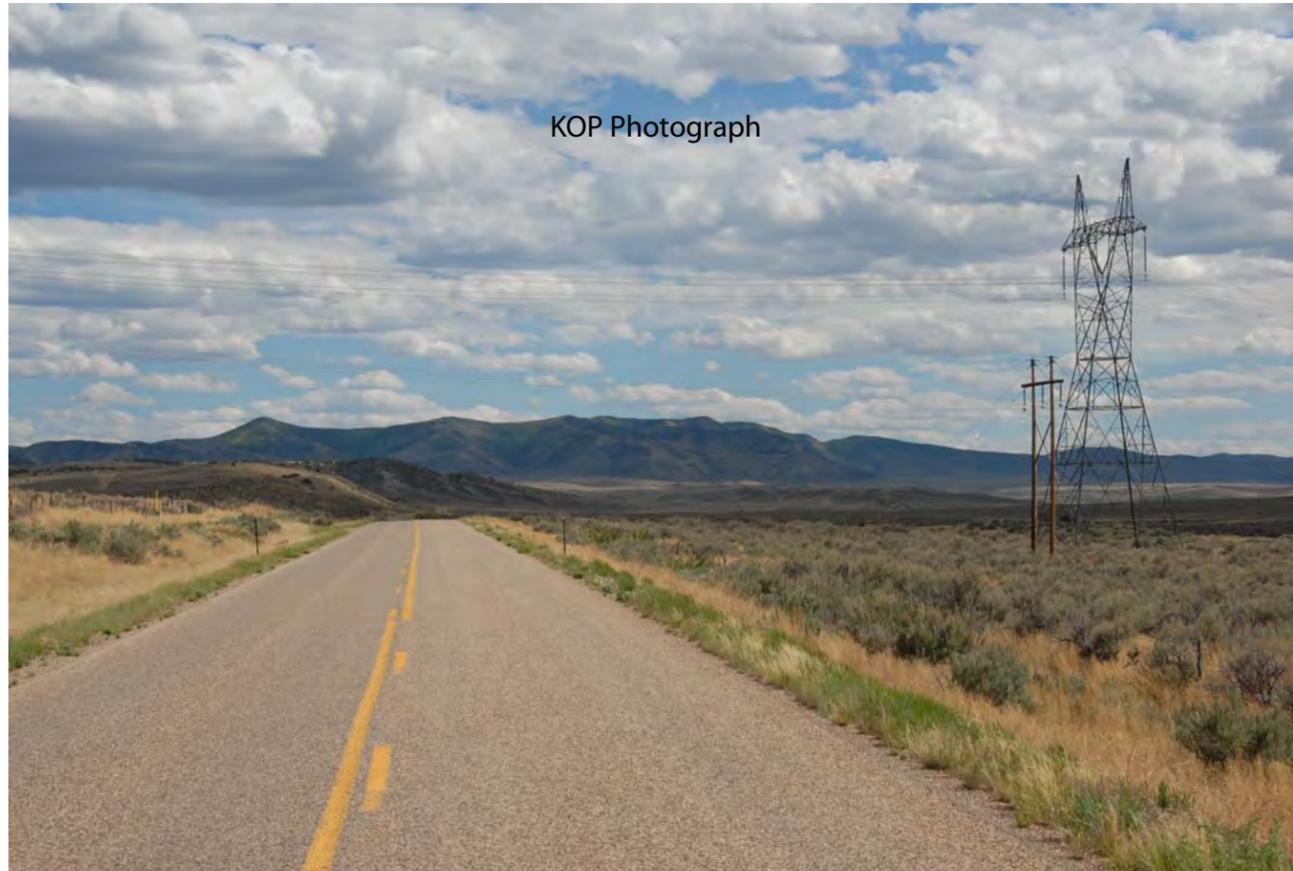
KOP Location



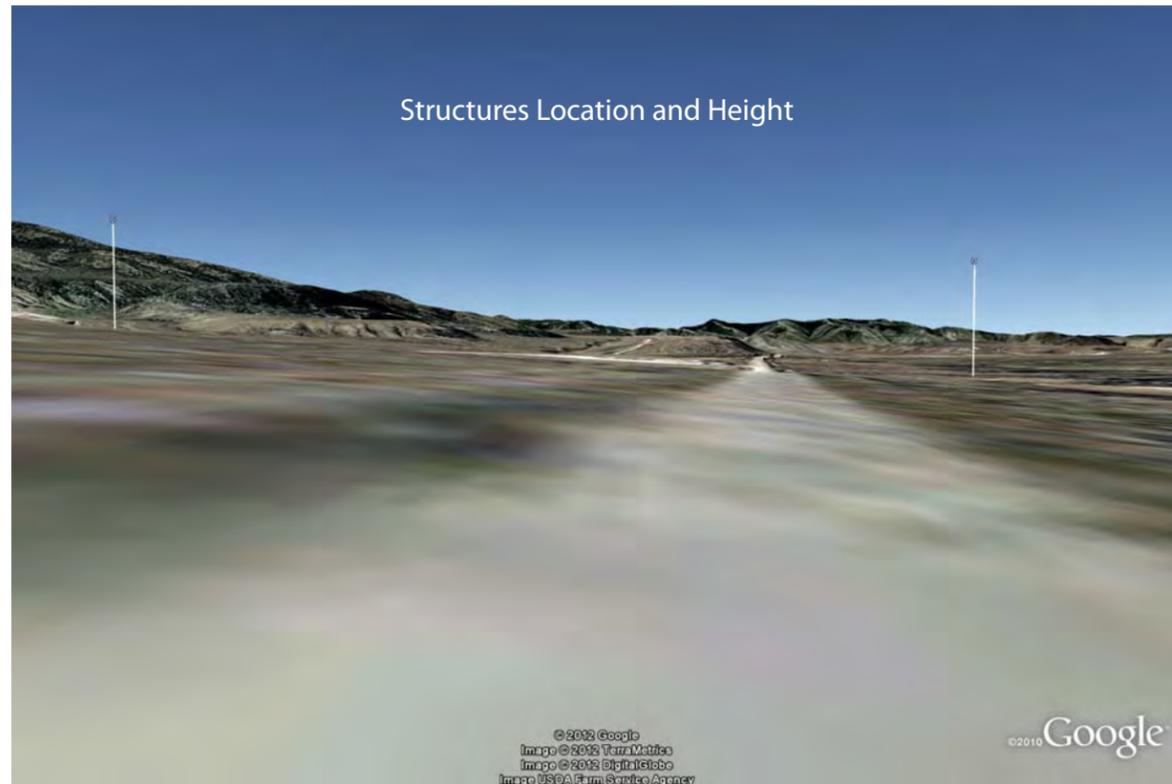
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP LS-10
Yampa River Boat Launch
(Segment 1190)





KOP Photograph



Structures Location and Height

© 2010 Google
 Image © 2010 TerraMetrics
 Image © 2010 Earthstar
 Image © 2010 USGS, Farm Service Agency

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Form 8400-4 (September 1985)

**UNITED STATES
 DEPARTMENT OF THE INTERIOR
 BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 10/22/2010
 District Little Snake FO
 Resource Area
 Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location Deception Cr. Road (SB)	5. Location Sketch Please see Figure 3.12-1
2. Key Observation Point LS-11	Township 6N	
3. VRM Class IV	Range 95E Section 9	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar rolling and angular ridges. Angular side slopes.	Organic clumps of rabbit brush, sagebrush and grasses.	Planar roadway, pyramidal 345-kV transmission line structure and columnar H-frame poles.
LINE	Strong angular ridges and skyline. Angular side slopes.	Indistinct sagebrush, rabbit brush and linear roadside grasses.	Linear horizontal roadway and vertical transmission line, H-frame and markers.
COLOR	Very light, medium, and dark tan to brown landforms.	Medium olive green sagebrush. Golden tan to brown rabbit brush and grasses and forbs.	Light to medium grey roadway and transmission line. Light tan to brown H-frame and dark green markers.
TEXTURE	Smooth to moderate landforms.	Coarse rabbit brush and sagebrush. Smooth to coarse grasses.	Smooth to medium roadway, transmission line, H-frame and markers.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Strongly pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Course steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form													x	Evaluator's Names M. Paulson Date 10/22/2010
Line													x	
Color													x	
Texture													x	

Rationale:

The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

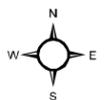
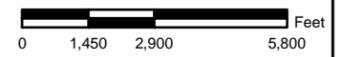
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



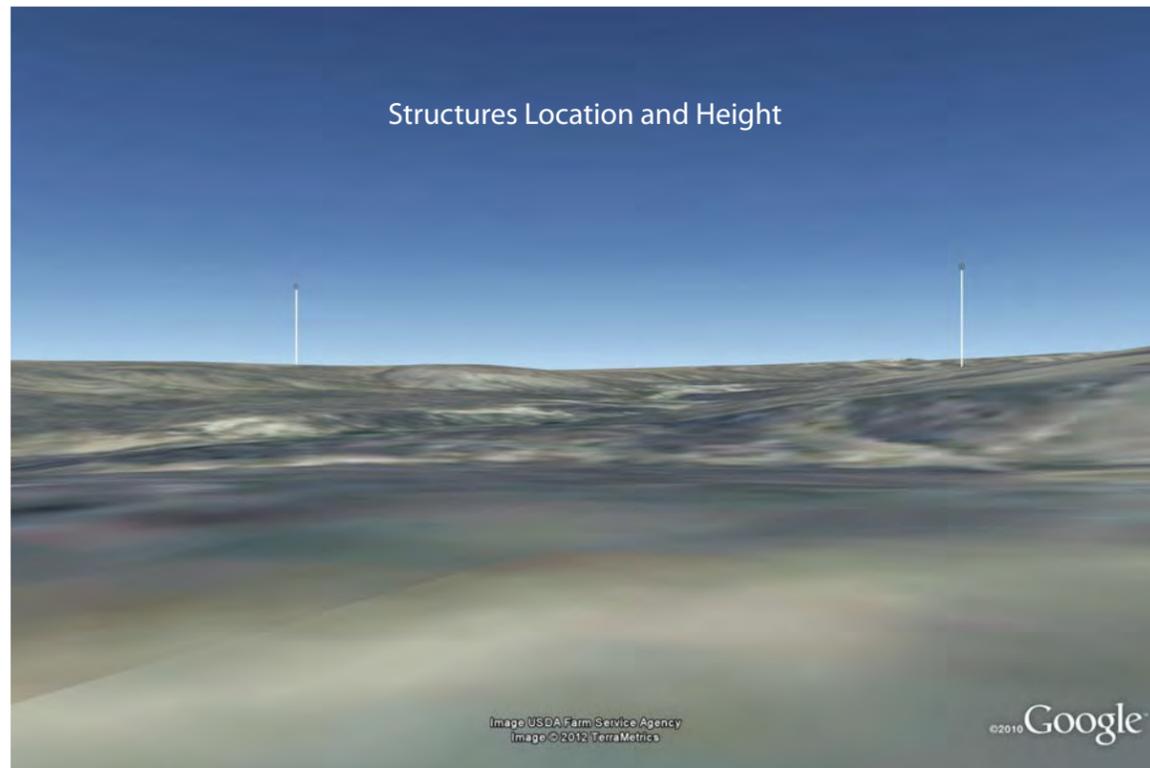
**TRANSWEST EXPRESS
 TRANSMISSION PROJECT**

KOP LS-11
 Deception Creek Road
 (southbound)
 (Segment 1190)





KOP Photograph



Structures Location and Height

Image USDA Farm Service Agency
Image © 2012 TerraMetrics

©2010 Google

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 07/22/2011

District Little Snake FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Cross Mt.-</u> <u>Yampa River Landing</u>	5. Location Sketch Please see Figure 3.12-1
2. Key Observation Point LS-14	Township <u>6N</u>	
3. VRM Class III (VRM Class III)	Range <u>97W</u> Section <u>8</u>	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

1. LAND/WATER		2. VEGETATION	3. STRUCTURES
FORM	Planar ridges. Angular side slopes and erosion cuts.	Organic clumps of sagebrush, greasewood, and grasses.	Narrow cylindrical poles.
LINE	Strong horizontal skyline. Angular side slopes. Horizontal valley floor.	Indistinct sagebrush and grasses. Meandering greasewood.	Thin vertical poles.
COLOR	Very light, medium, and dark brown exposed eroded slopes.	Bluish silver green sagebrush. Yellowish olive green greasewood. Golden tan to brown grasses.	Dark brown wooden poles.
TEXTURE	Smooth exposed soils.	Coarse sagebrush. Medium greasewood. Smooth grasses.	Smooth poles.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

1. LAND/WATER		2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

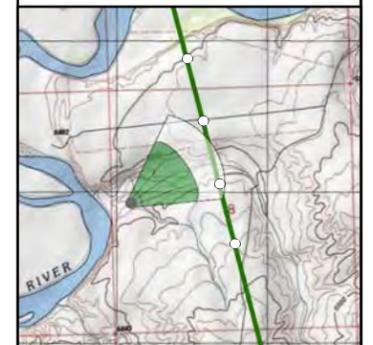
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)		
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None			
Form													X	Evaluator's Names M. Paulson	Date 07/22/2011
Line													X		
Color													X		
Texture													X		

Rationale:
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objectives. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-4, VR-6, and VR-7) would further reduce contrasts.

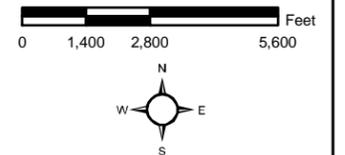
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



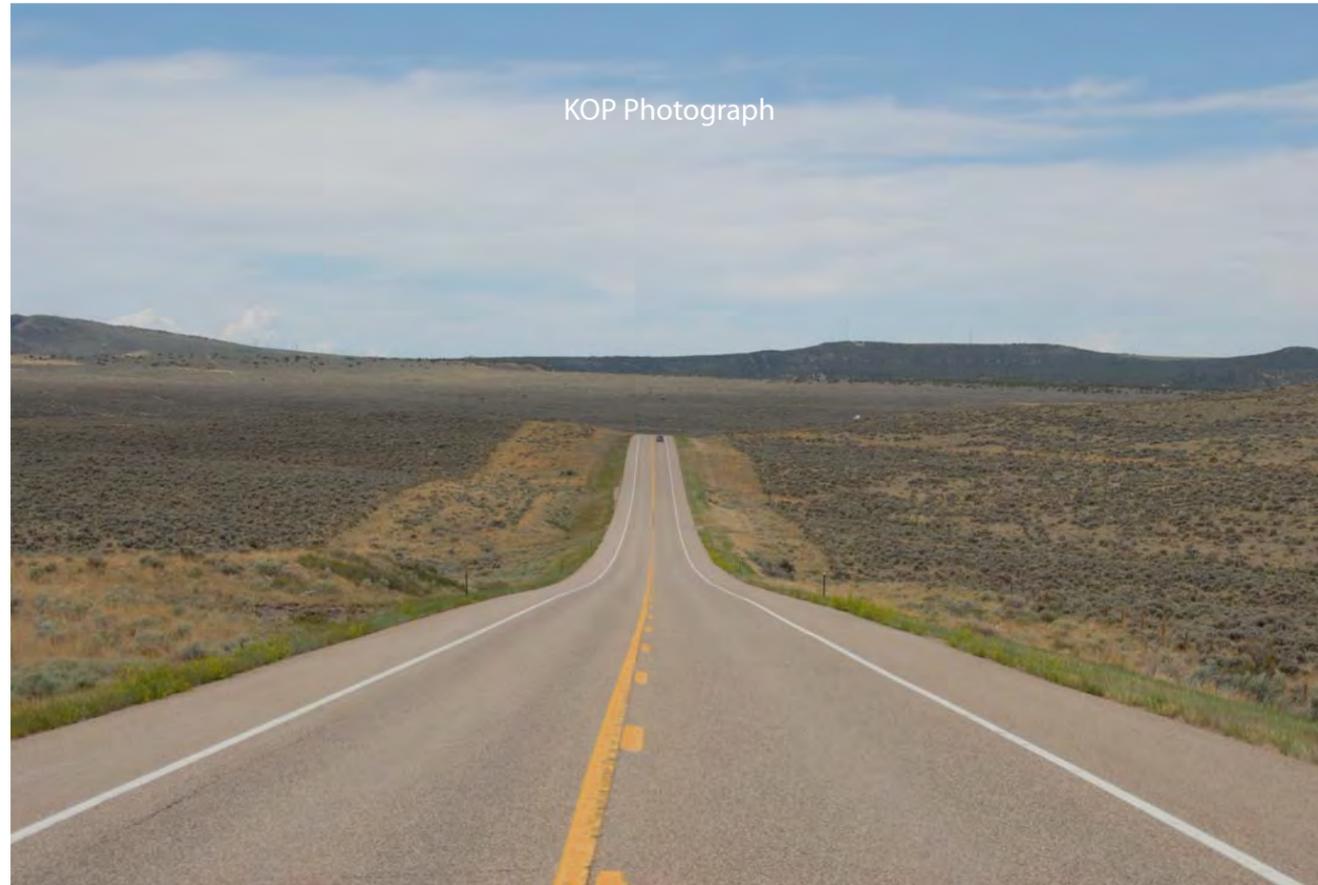
KOP Location



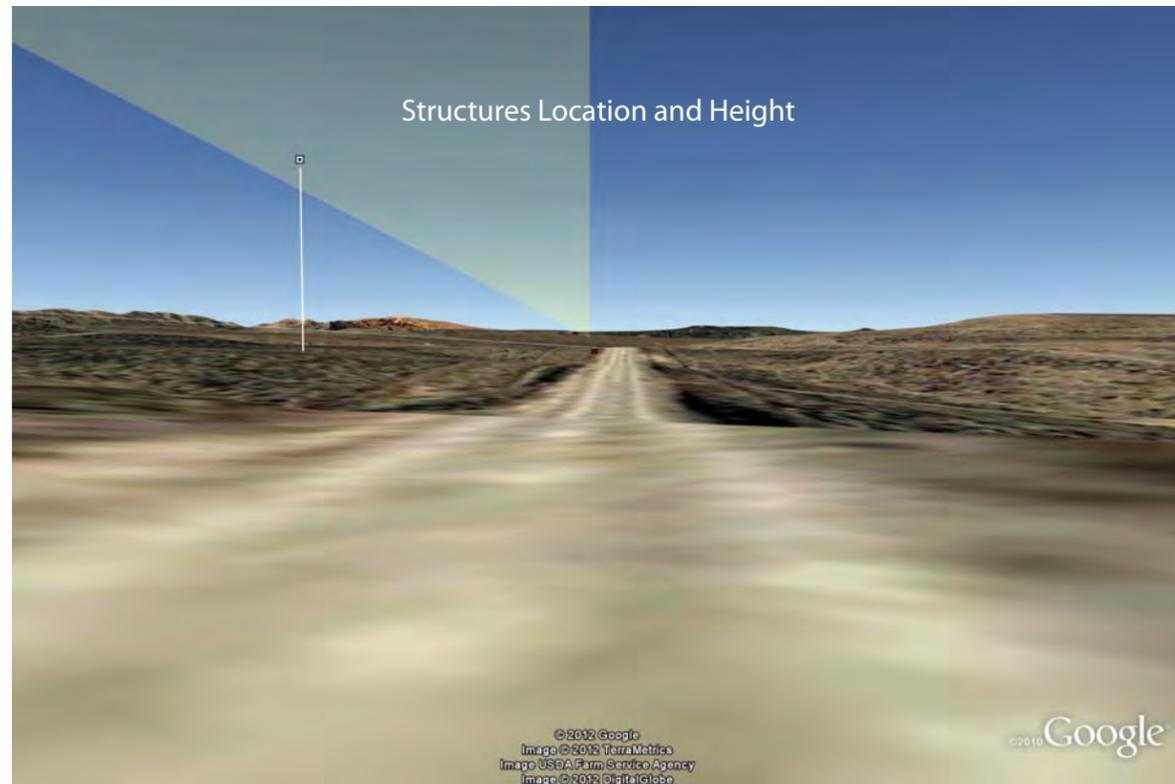
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP LS-14
Cross Mountain
Yampa River Landing
(Segment 1187)





KOP Photograph



Structures Location and Height

© 2012 Google
Image © 2012 TerraMetrics
Image USDA Farm Service Agency
Image © 2012 DigitalGlobe

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 10/22/2011
District Little Snake FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>US-40 (WB)</u> Township <u>6N</u> Range <u>97W</u> Section <u>33</u>	5. Location Sketch Please see Figure 3.12-1
--------------------------------------	--	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar rolling, horizontal and angular ridges. Angular side slopes.	Organic clumps of rabbit brush, sagebrush and grasses.	Planar roadway and distant transmission line.
LINE	Strong angular skyline. Angular side slopes.	Indistinct sagebrush, rabbit brush and linear roadside grasses.	Linear horizontal roadway and vertical markers and distant transmission line.
COLOR	Very light, medium, and dark tan to brown landforms.	Medium olive green sagebrush. Golden tan to brown grasses and forbs.	Light to medium grey roadway and transmission line and dark green markers.
TEXTURE	Smooth to moderate landforms.	Coarse sagebrush. Smooth to coarse grasses.	Smooth to medium roadway and transmission line and markers.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Strongly pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Course steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

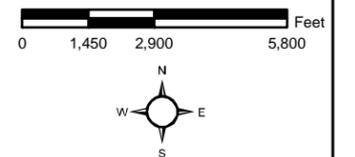
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form													X	Evaluator's Names M. Paulson Date 07/22/2011
Line													X	
Color													X	
Texture													X	



Project Location



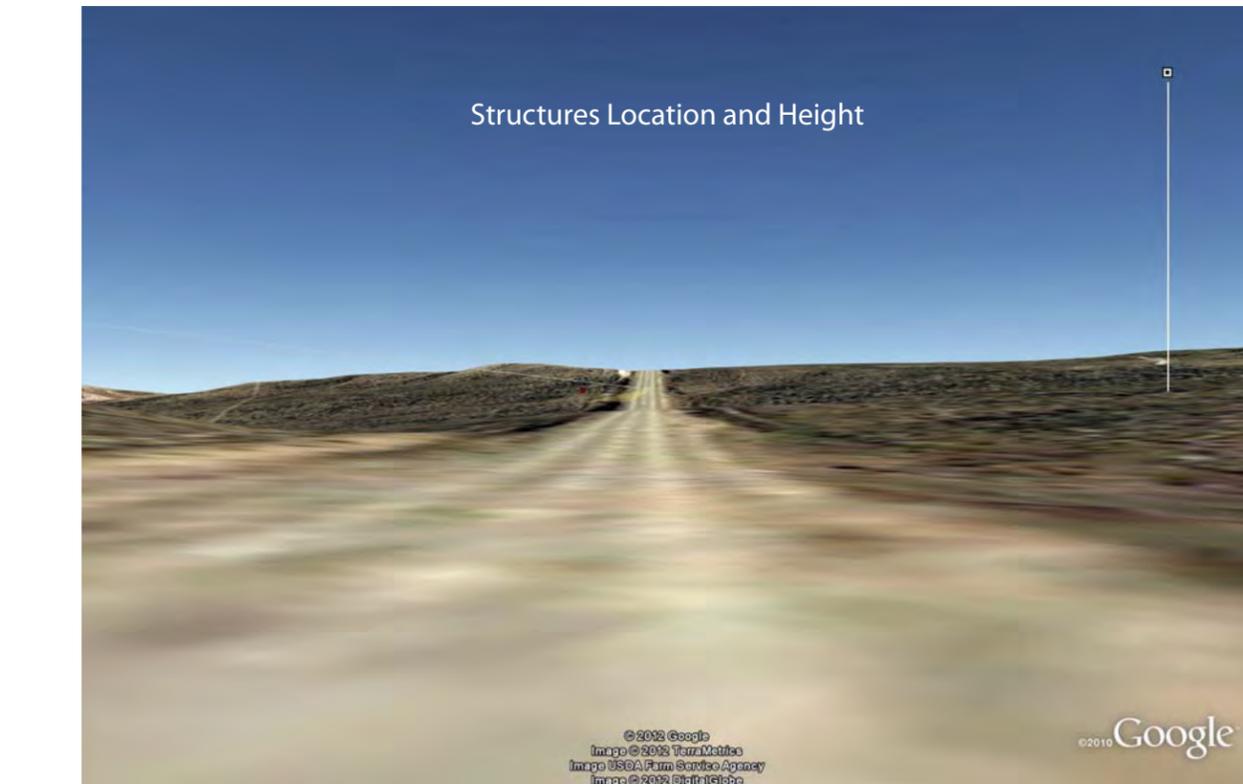
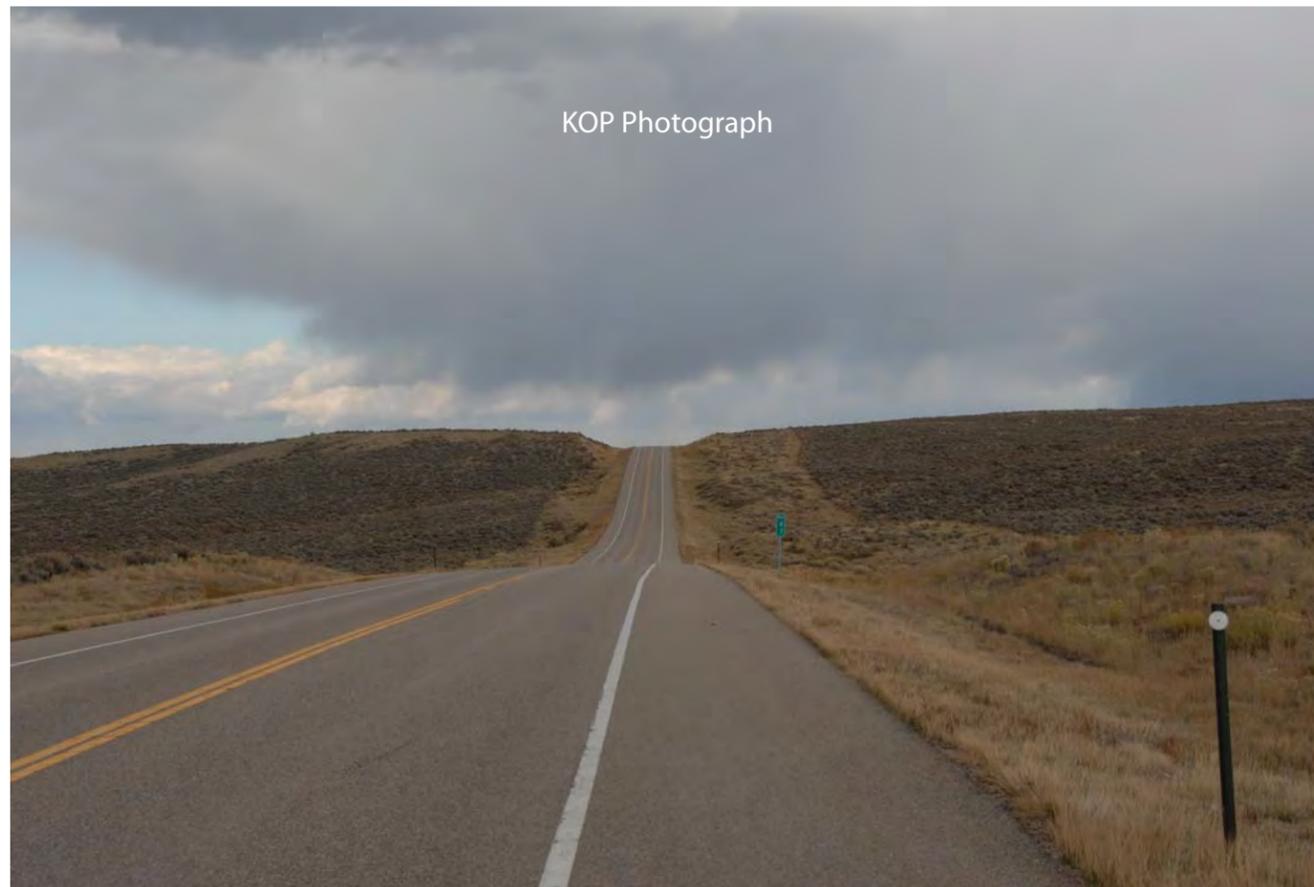
KOP Location



**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP LS-15
U.S. 40
(westbound)
(Segment 1103)





Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 10/22/2011

District Little Snake FO

Resource Area _____

Activity (program) _____

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location_US-40 (EB) Township <u>6N</u> Range <u>97W</u> Section <u>33</u>	5. Location Sketch Please see Figure 3.12-1
---	--	---

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

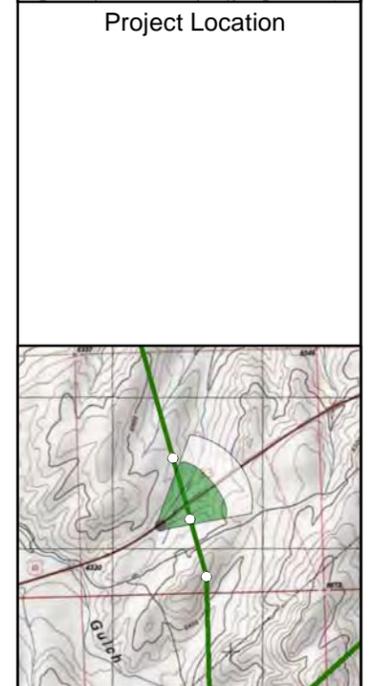
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar rolling and horizontal ridges and angular road cut. Angular side slopes.	Organic clumps of rabbit brush, sagebrush and grasses.	Planar roadway.
LINE	Strong angular, nearly horizontal, skyline. Angular side slopes.	Indistinct sagebrush, rabbit brush and linear roadside grasses.	Linear horizontal roadway and vertical markers.
COLOR	Very light, medium, and dark tan to brown landforms.	Medium olive green sagebrush. Golden tan to brown rabbit brush and grasses and forbs.	Light to medium grey roadway and dark green markers.
TEXTURE	Smooth to moderate landforms.	Coarse rabbit brush and sagebrush. Smooth to coarse grasses.	Smooth to medium roadway and markers.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Strongly pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Course steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form									x				Evaluator's Names Date M. Paulson 07/22/2011	
Line										x				
Color										x				
Texture											x			

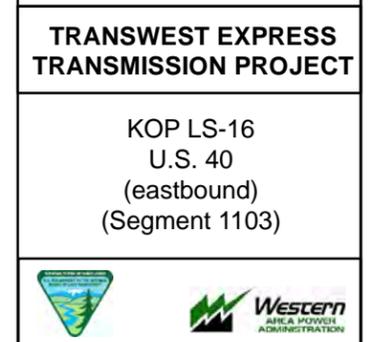


**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP LS-16
U.S. 40
(eastbound)
(Segment 1103)

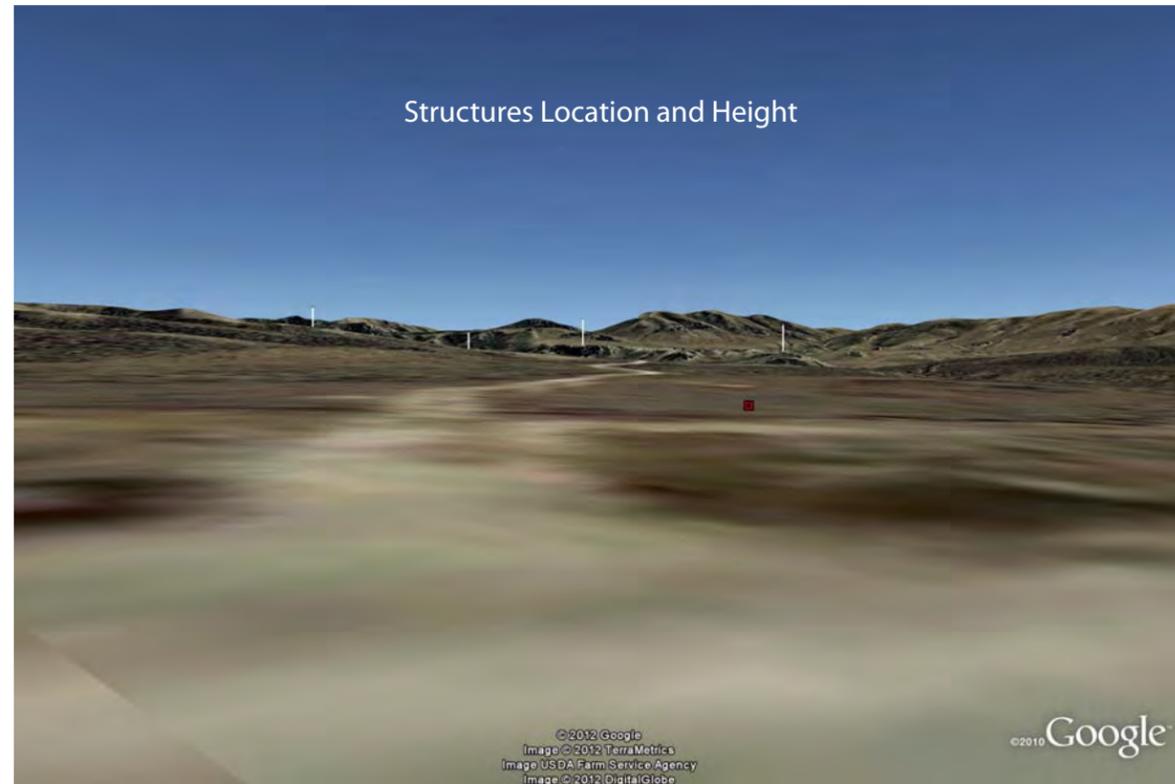
Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 10/22/2011

District **Little Snake FO**

Resource Area _____

Activity (program) _____

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>US-40 and Dinosaur NM Rd.</u> Township <u>5N</u> Range <u>98W</u> Section <u>12</u>	5. Location Sketch Please see Figure 3.12-1
--------------------------------------	---	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar rolling and angular ridges. Angular side slopes.	Organic clumps of rabbit brush, sagebrush and grasses.	Planar roadway, pyramidal 345-kV transmission line and octagonal stop sign.
LINE	Strong angular and skyline. Angular side slopes.	Indistinct sagebrush, rabbit brush and linear roadside grasses.	Linear horizontal roadway and vertical transmission line, stop sign and marker.
COLOR	Very light, medium, and dark tan to brown landforms.	Medium olive green sagebrush. Golden tan to brown rabbit brush and grasses and forbs.	Light to medium grey roadway and transmission line, red and yellow stop sign and dark green marker.
TEXTURE	Smooth to moderate landforms.	Coarse rabbit brush and sagebrush. Smooth to coarse grasses.	Smooth to medium roadway, transmission line and marker.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Strongly pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Course steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

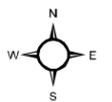
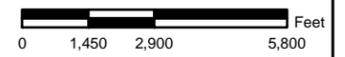
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form													x	Evaluator's Names: M. Paulson Date: 07/22/2011
Line													x	
Color													x	
Texture													x	



Project Location



KOP Location



TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LS-19
U.S. 40 and
Dinosaur NM Road
(Segment 1106)



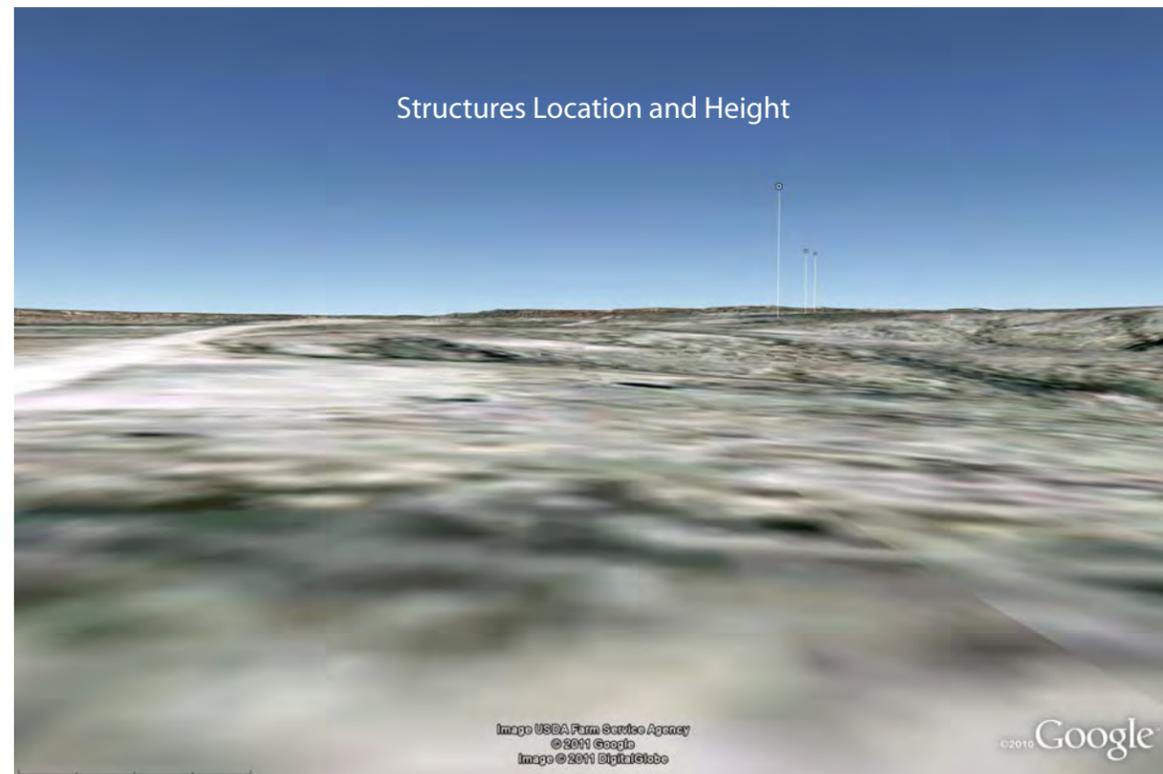
Rationale:

The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



KOP Photograph



Structures Location and Height

Image USA Farm Service Agency
© 2011 Google
Image © 2011 DigitalGlobe

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Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 10/23/2011

District Little Snake FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Sand Wash Basin Rd. 75 (NB)</u> <u>Township 9N</u> <u>Range 97W</u> <u>Section 29</u>	5. Location Sketch Please see Figure 3.12-1
--------------------------------------	---	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar horizontal and angular ridges. Angular side slopes.	Organic planar surface of grasses and organic clumps of pinyon-juniper and sagebrush.	Planar roadway.
LINE	Strong angular skyline. Angular side slopes and foreground ridgeline.	Angular surface of grasses and organic clumps of foreground shrubs and grasses.	Linear horizontal roadway.
COLOR	Very light, medium, and dark grey and brown slopes.	Light tan to brown grasses and medium to dark green pinyon-juniper and sagebrush.	Light to medium tan roadway.
TEXTURE	Smooth to moderate landform.	Smooth to coarse grasses and sagebrush.	Smooth gravel roadway.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

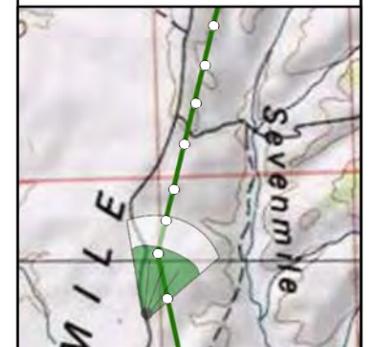
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		ROW clearing of pinyon-juniper planar forms.	Strongly pyramidal steel lattice structures and guys, and tubular conductors.
LINE		ROW clearing of pinyon-juniper	Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Course steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

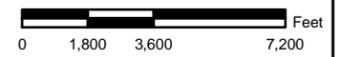
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form							X				X		Evaluator's Names M. Paulson	Date 10/23/11
Line							X				X			
Color							X				X			
Texture							X				X			



Project Location



KOP Location



TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LS-20
Sand Wash Basin Rd. 75
(northbound)
(Segment 1187)



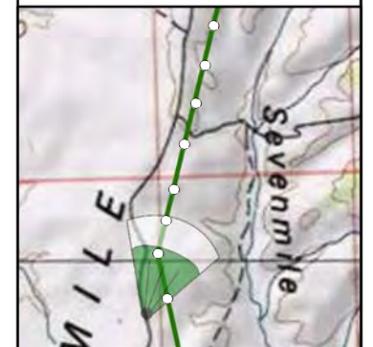
Rationale:

Where the Project would be located within 0.5 mile of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III management objectives. Mitigation measures (VR-1, VR-3, VR-4, VR-5, VR-7, VR-9, VR-10, and VR-12) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 mile away from viewer locations.

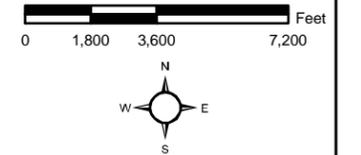
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP LS-20
Simulated Condition
(Segment 1187)

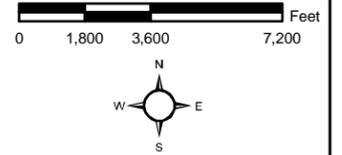




Project Location



KOP Location



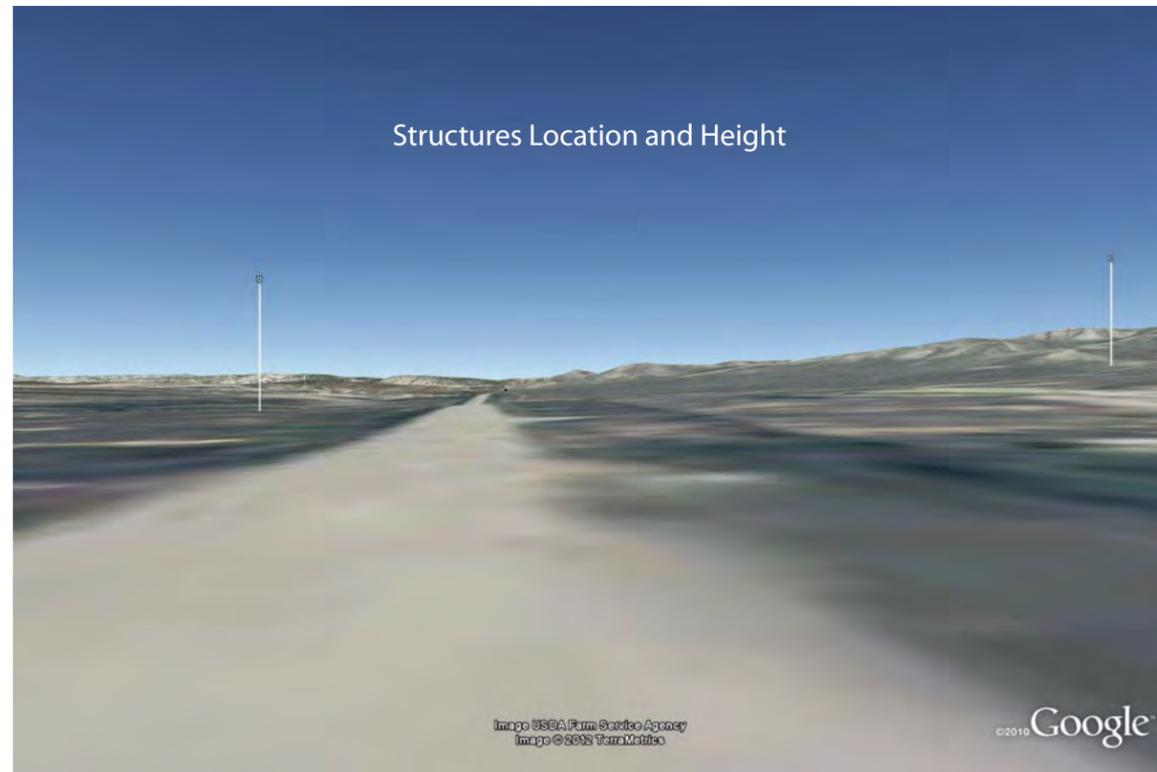
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP LS-20
Mitigated Condition
(Segment 1187)





KOP Photograph



Structures Location and Height

Image USGS Farm Service Agency
Image © 2013 TerraMetrics

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Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 10/22/2010

District Little Snake FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location Deception Cr. Road (NB)	5. Location Sketch Please see Figure 3.12-1
2. Key Observation Point LS-21	Township 6N	
3. VRM Class Private	Range 95W Section 16	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar rolling and angular ridges. Angular side slopes.	Organic clumps of rabbit brush, sagebrush and grasses.	Planar roadway, pyramidal 345-kV transmission line structure and columnar H-frame poles.
LINE	Strong angular ridges and skyline. Angular side slopes.	Indistinct sagebrush, rabbit brush and linear roadside grasses.	Linear horizontal roadway and vertical transmission line, H-frame and markers.
COLOR	Very light, medium, and dark tan to brown landforms.	Medium olive green sagebrush. Golden tan to brown rabbit brush and grasses and forbs.	Light to medium grey roadway and transmission line. Light tan to brown H-frame and dark green markers.
TEXTURE	Smooth to moderate landforms.	Coarse rabbit brush and sagebrush. Smooth to coarse grasses.	Smooth to medium roadway, transmission line, H-frame and markers.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

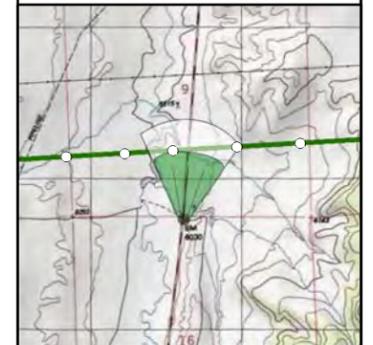
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Strongly pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Course steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

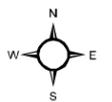
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)					
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)				
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None						
Form													x				Evaluator's Names M. Paulson	Date 10/22/2010
Line																x		
Color																x		
Texture																x		



Project Location



KOP Location



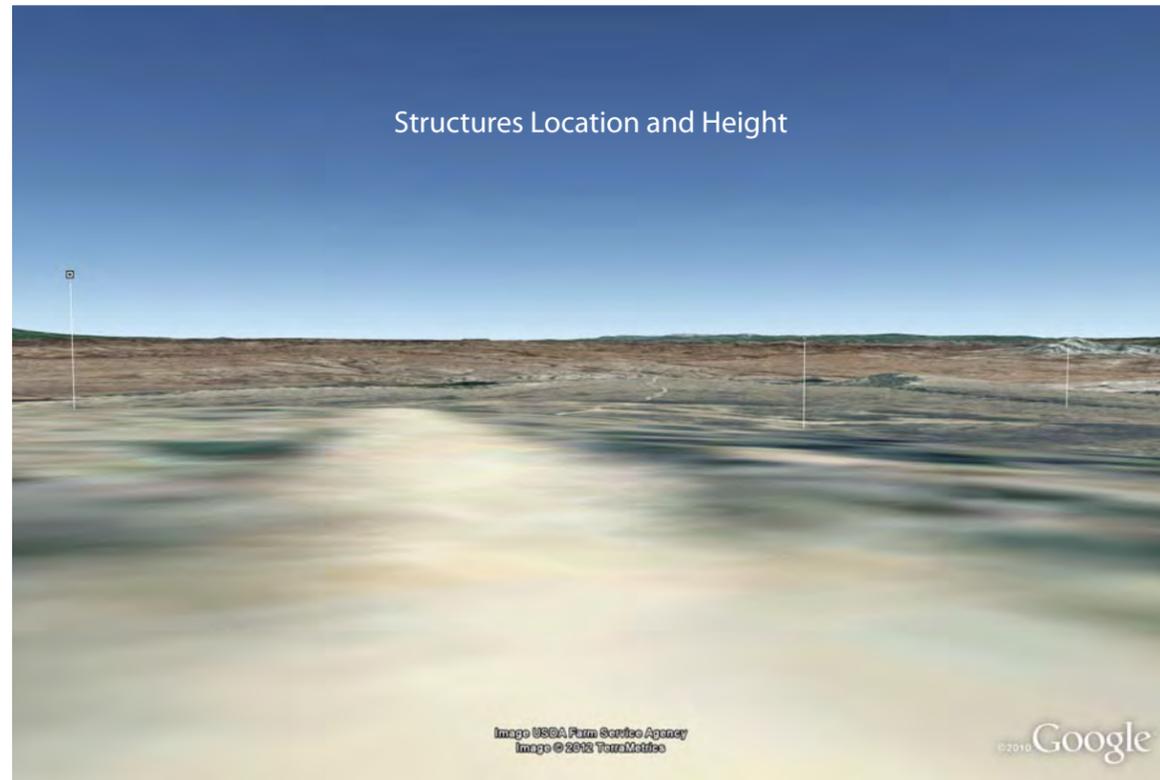
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP LS-21
Deception Creek Road
(northbound)
(Segment 1190)





KOP Photograph



Structures Location and Height

Image USA Farm Service Agency
Image © 2012 TomTom

©2010 Google

Form 8400-4
(September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 08/04/2012

District Little Snake FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Sand Wash</u> <u>Basin Rd. 66 (EB)</u> <u>Township 10N</u> <u>Range 97W</u> <u>Section 3</u>	5. Location Sketch Please see Figure 3.12-1
--------------------------------------	---	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar horizontal and angular ridges. Angular side slopes.	Organic planar surface of grasses and organic clumps of pinyon-juniper and sagebrush.	Planar gravel roadway.
LINE	Strong angular skyline. Angular side slopes and foreground ridgeline.	Angular surface of grasses and organic clumps of foreground shrubs and grasses.	Linear horizontal roadway.
COLOR	Very light, medium, and dark grey and brown slopes.	Light tan to brown grasses and medium to dark green pinyon-juniper and sagebrush.	Light to medium tan roadway.
TEXTURE	Smooth to moderate landform.	Smooth to coarse grasses and sagebrush.	Smooth gravel roadway.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		ROW clearing of pinyon-juniper planar forms.	Strongly pyramidal steel lattice structures and guys, and tubular conductors.
LINE		ROW clearing of pinyon-juniper	Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Tan grasses in ROW clearing	Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE		Smooth texture in ROW clearing	Course steel lattice structures, and smooth guys and conductors.

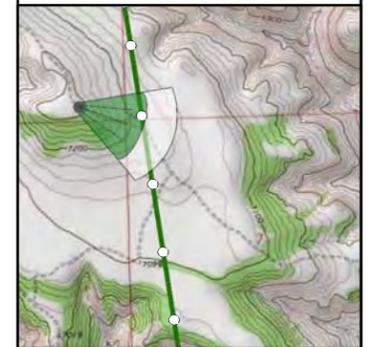
SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form					X				X				Evaluator's Names M. Paulson	Date 08/04/12
Line									X					
Color											X			
Texture							X					X		

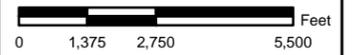
Rationale:
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



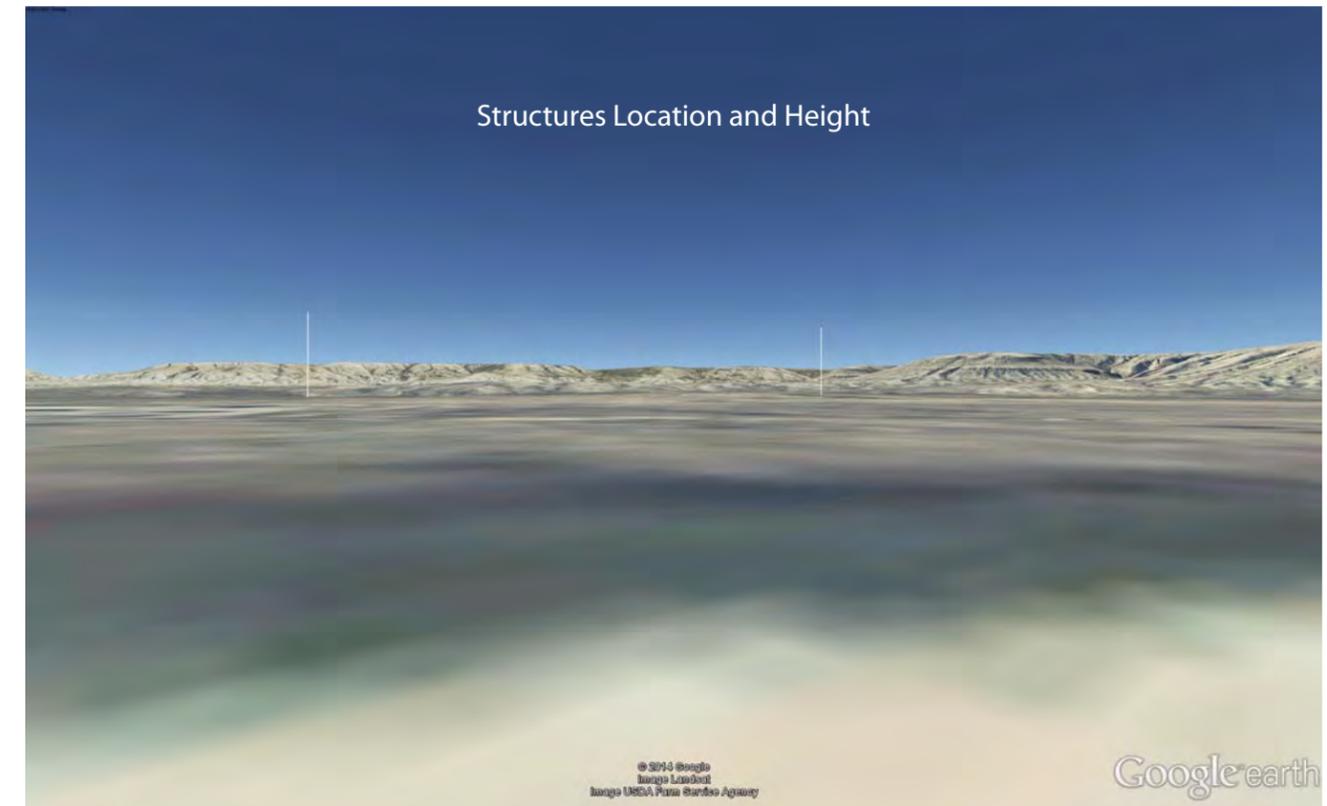
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LS-27
Sandwash Basin Rd 66
(eastbound)
(Segment 1187)





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 04/24/2014

District Little Snake FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>BLM Rd 21 (SB) and Residential</u>	5. Location Sketch Please see Figure 3.12-1
2. Key Observation Point LS-28	Township <u>8N</u>	
3. VRM Class III	Range <u>97W</u>	
	Section <u>1</u>	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar horizontal and angular ridges. Angular side slopes.	Organic planar surface of grasses and organic clumps of pinyon-juniper and sagebrush.	Planar gravel roadway and cubed structures.
LINE	Strong angular skyline. Angular side slopes and foreground ridgeline.	Angular surface of grasses and organic clumps of foreground shrubs and grasses.	Linear horizontal roadway and vertical and horizontal residential structures.
COLOR	Very light, medium, and dark grey and brown slopes.	Light tan to brown grasses and medium to dark green pinyon-juniper and sagebrush.	Light to medium tan roadway and light tan, dark brown and dark green residential structures.
TEXTURE	Smooth to moderate landform.	Smooth to coarse grasses and sagebrush.	Smooth gravel roadway and residential structures.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Strongly pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Course steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING

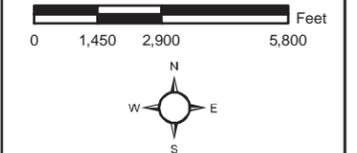
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Explain on reverse side)		
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None			
Form													X	Evaluator's Names M. Paulson	Date 04/24/14
Line													X		
Color													X		
Texture													X		



Project Location



KOP Location



TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LS-28
BLM Road 21 (SB)
and Residential
(Segment 1187)



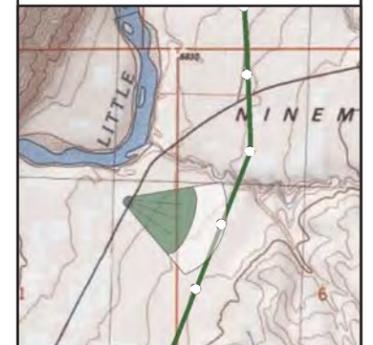
Rationale:

Where the Project would be located within 0.5 mile of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III management objectives. Mitigation measures (VR-1, VR-3, VR-4, VR-5, VR-7, VR-9, VR-10, and VR-12) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 mile away from viewer locations.

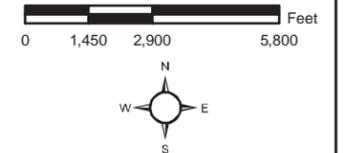
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



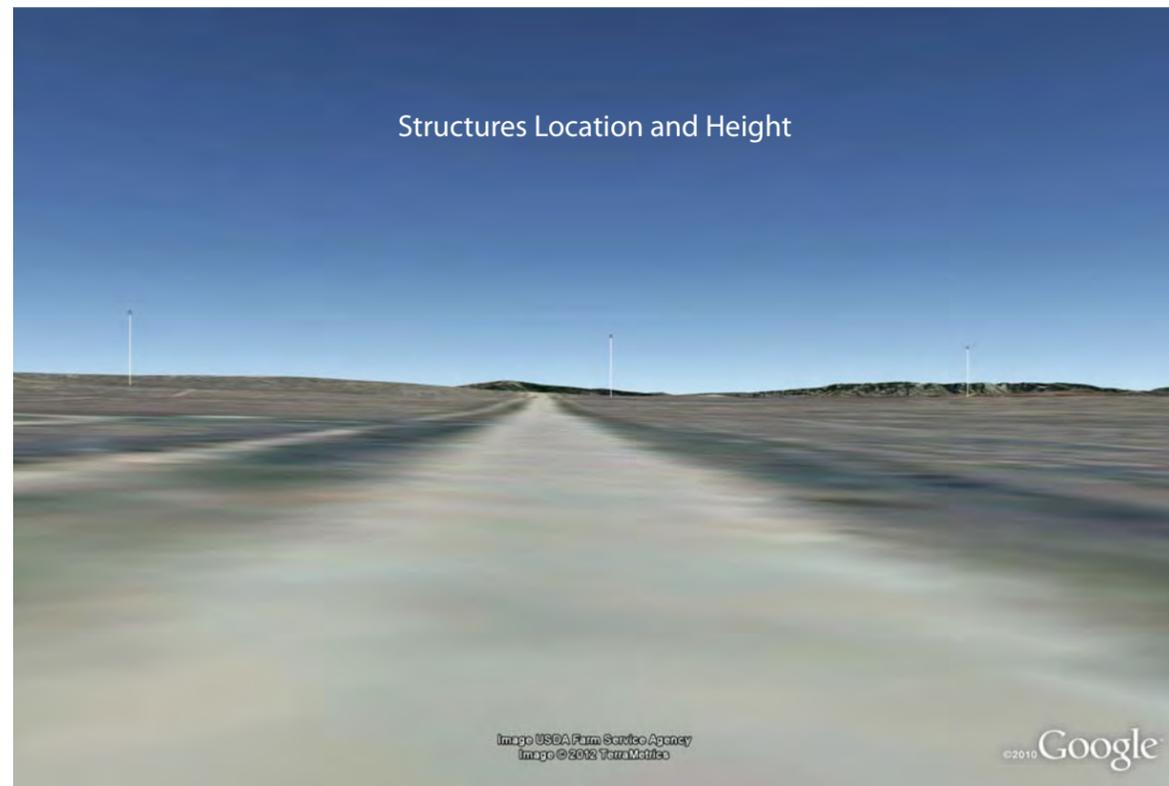
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LS-28
Simulated Condition
(Segment 1187)





KOP Photograph



Structures Location and Height

Image USDA Farm Service Agency
Image © 2012 TerraMetrics

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Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 08/04/2012

District Little Snake FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location Colo SH-318 (EB)	5. Location Sketch Please see Figure 3.12-1
2. Key Observation Point LS-29	Township 7N	
3. VRM Class III (VRI-III)	Range 97W Section 12	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar rolling, horizontal and angular ridges. Angular side slopes.	Organic clumps of rabbit brush, sagebrush and grasses.	Planar roadway and small distribution line.
LINE	Strong angular skyline. Angular side slopes.	Indistinct sagebrush, rabbit brush and linear roadside grasses.	Linear horizontal roadway and vertical distribution line.
COLOR	Very light, medium, and dark tan to brown landforms.	Medium olive green sagebrush. Golden tan to brown grasses and forbs.	Light to medium grey roadway and dark brown poles.
TEXTURE	Smooth to moderate landforms.	Coarse sagebrush. Smooth to coarse grasses.	Smooth roadway.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Strongly pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Course steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

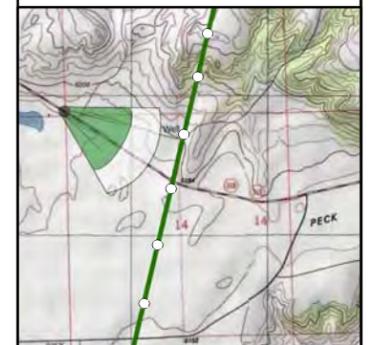
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form													Evaluator's Names M. Paulson	Date 07/22/2011
Line														
Color														
Texture														

Rationale:
Where the Project would be located within 0.5 mile of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III management objectives. Mitigation measures (VR-1, VR-3, VR-4, VR-5, VR-7, VR-9, VR-10, and VR-12) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 mile away from viewer locations.

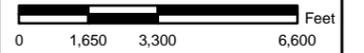
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



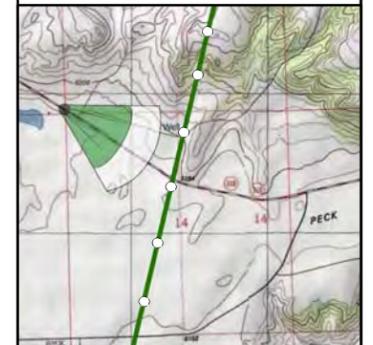
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP LS-29
Colorado State Hwy 318
(eastbound)
(Segment 1190)

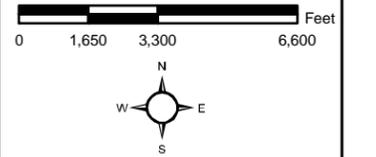




Project Location



KOP Location



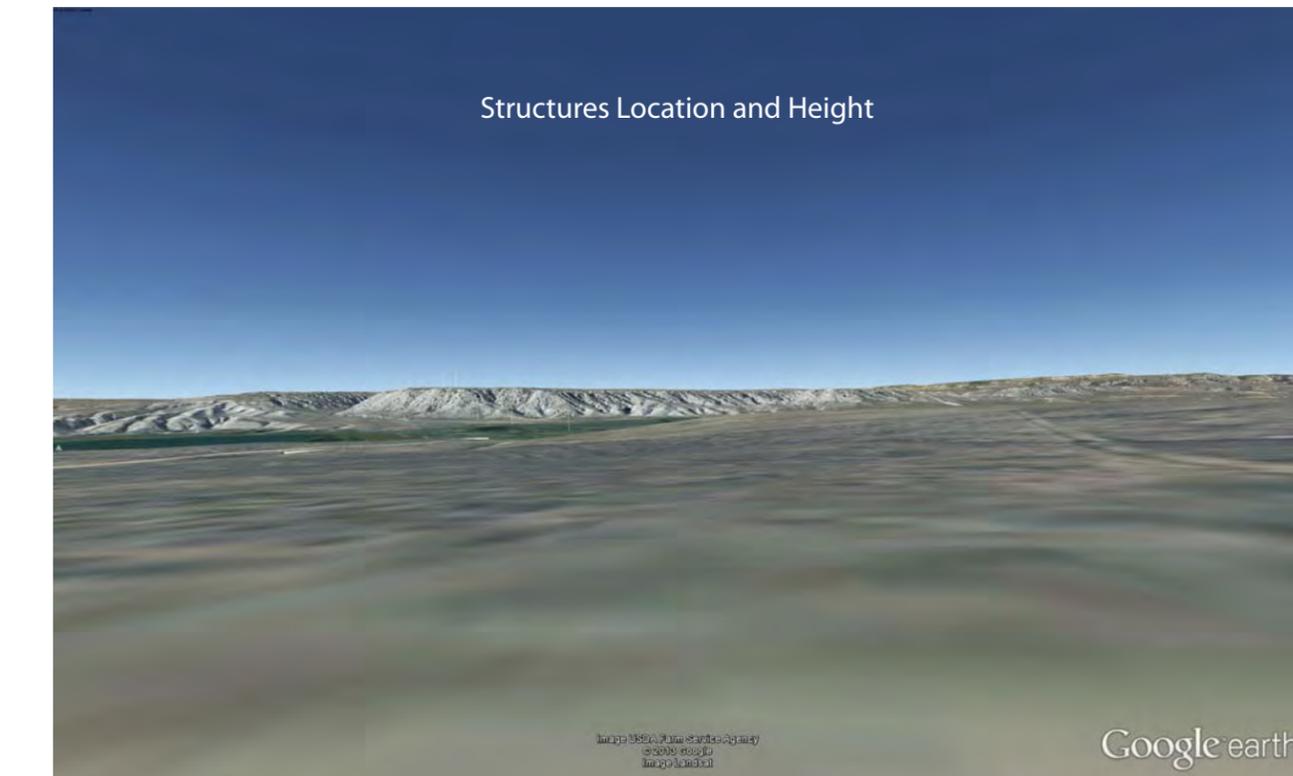
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP LS-29
Simulated Condition
(Segment 1190)





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 10/12/2013

District Rawlins FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>BLM Rd. 23 / Yampa River</u> Township <u>7N</u> Range <u>97W</u> Section <u>34</u>	5. Location Sketch Please see Figure 3.12-1
--------------------------------------	--	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar Yampa River. Planar angular and horizontal ridges. Angular side slopes and erosion cuts.	Organic shapes of riverside shrubs, sagebrush and grasses and blanket of pinyon-juniper on the side slopes.	NA
LINE	Strong foreground horizontal and curving river. Angular side slopes.	Curvilinear cottonwoods, olives, pinyon-juniper, sagebrush and grasses.	NA
COLOR	White to blue river. Medium tan to brown landform.	Green cottonwoods, silvery grey green, bright green riverside shrubs. Medium grey-green sagebrush, medium green, tan to brown grasses.	NA
TEXTURE	Coarse water. Smooth landform.	Smooth to coarse pinyon-juniper, sagebrush and grasses.	NA

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Broken clumps of cottonwoods.	Strongly pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Broken organic lines of cottonwoods.	Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Broken patterns of cottonwood colors.	Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE		Mix of coarse cottonwoods and smooth grasses.	Course steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Explain on reverse side)		
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None			
Form					X					X				Evaluator's Names M. Paulson	Date 10/12/2013
Line						X			X						
Color					X					X					
Texture						X					X				

Rationale:
Where the Project would be located within 0.5 mile of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III management objectives. Mitigation measures (VR-1, VR-3, VR-4, VR-5, VR-7, VR-9, VR-10, and VR-12) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 mile away from viewer locations.

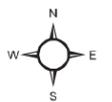
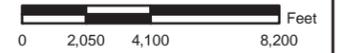
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP LS-30
BLM Road 23
Yampa River
(Segment 1187)

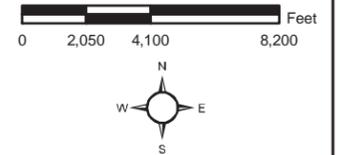




Project Location



KOP Location



**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP LS-30
Simulated Condition
(Segment 1187)

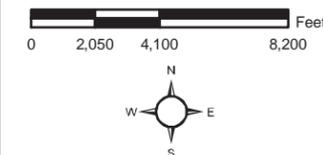




Project Location



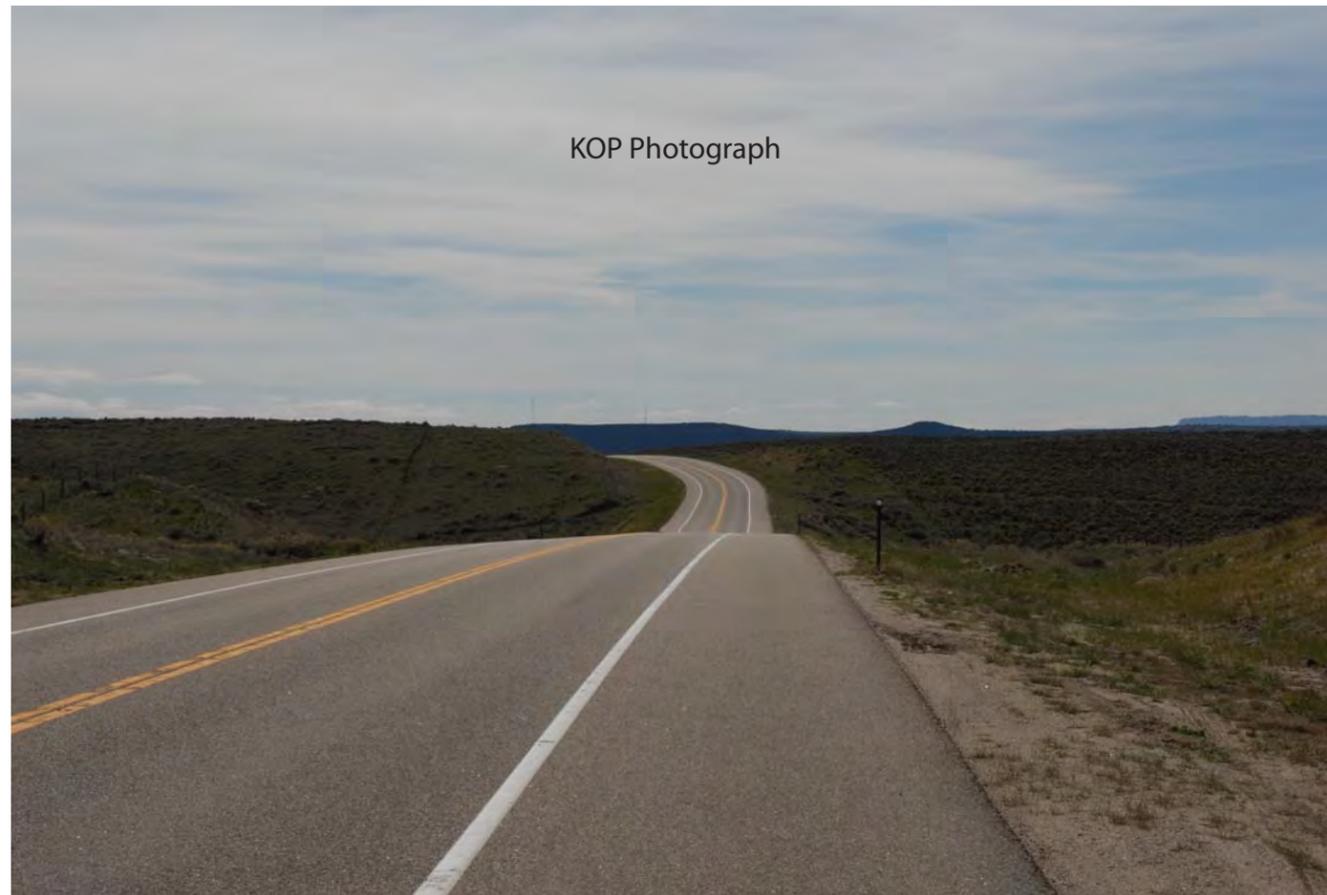
KOP Location



**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP LS-30
Cumulative Condition
(Segment 1187)





Form 8400-4 (September 1985)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT
VISUAL CONTRAST RATING WORKSHEET

Date 04/28/2014
District Little Snake FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: LS-31
3. VRM Class: IV (VRI-III)
4. Location_US-40 (WB) Township 6N Range 97W Section 34
5. Location Sketch: Please see Figure 3.12-1

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

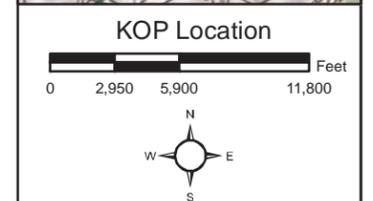
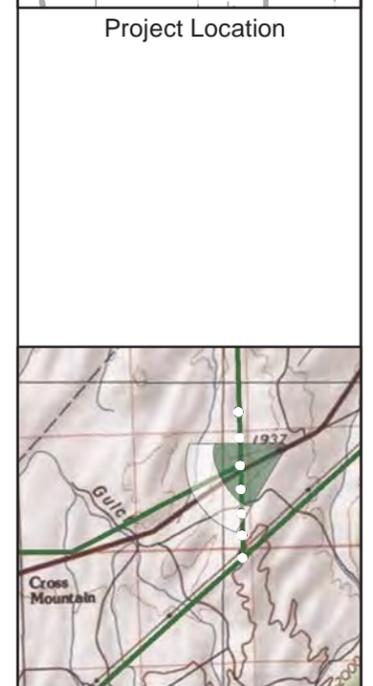
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar rolling, horizontal and angular ridges. Angular side slopes.	Organic clumps of rabbit brush, sagebrush and grasses.	Planar roadway.
LINE	Strong angular skyline. Angular side slopes.	Indistinct sagebrush, rabbit brush and linear roadside grasses.	Linear horizontal roadway and vertical markers.
COLOR	Very light, medium, and dark tan to brown landforms.	Medium olive green sagebrush. Golden tan to brown grasses and forbs.	Light to medium grey roadway dark green markers.
TEXTURE	Smooth to moderate landforms.	Coarse sagebrush. Smooth to coarse grasses.	Smooth to medium roadway and markers.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Strongly pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Course steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form													X	Evaluator's Names: M. Paulson Date: 04/28/2014
Line													X	
Color													X	
Texture													X	



TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LS-31
US-40
(westbound)
(Segment 1187)

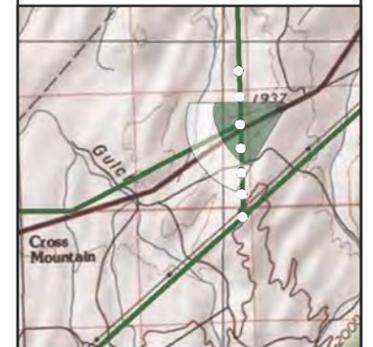


Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

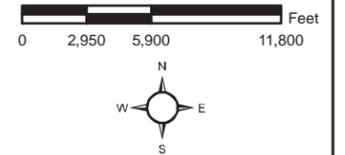
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP LS-31
Simulated Condition
(Segment 1187)





Form 8400-4 (September 1985)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 04/28/2014

District Little Snake FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express

2. Key Observation Point: LS-32

3. VRM Class: IV (VRI-III)

4. Location: US-40 (EB), Township 6N, Range 97W, Section 33

5. Location Sketch: Please see Figure 3.12-1

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

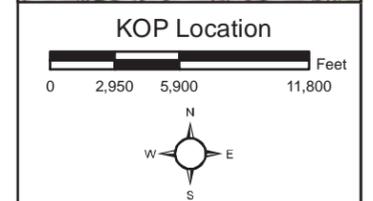
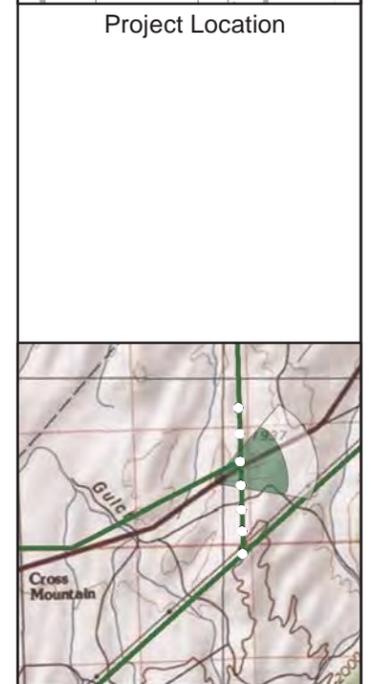
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar rolling and horizontal ridges and angular road cut. Angular side slopes.	Organic clumps of rabbit brush, sagebrush and grasses.	Planar roadway.
LINE	Strong angular, nearly horizontal, skyline. Angular side slopes.	Indistinct sagebrush, rabbit brush and linear roadside grasses.	Linear horizontal roadway and vertical markers.
COLOR	Very light, medium, and dark tan to brown landforms.	Medium olive green sagebrush. Golden tan to brown rabbit brush and grasses and forbs.	Light to medium grey roadway and dark green markers.
TEXTURE	Smooth to moderate landforms.	Coarse rabbit brush and sagebrush. Smooth to coarse grasses.	Smooth to medium roadway and markers.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Strongly pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Course steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form													X	Evaluator's Names: M. Paulson Date: 04/28/2014
Line													X	
Color													X	
Texture													X	



Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

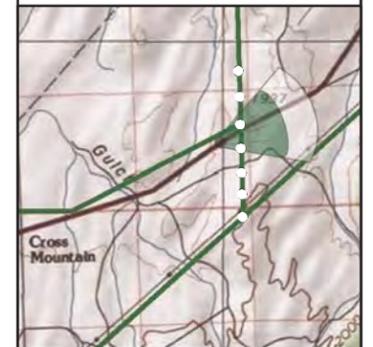
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LS-32
US-40
(eastbound)
(Segment 1101)

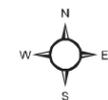
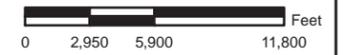




Project Location



KOP Location



**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP LS-32
Simulated Condition
(Segment 1101)





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 04/28/2014

District Little Snake FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>US-40 (WB)</u> Township <u>5N</u> Range <u>97W</u> Section <u>6</u>	5. Location Sketch Please see Figure 3.12-1
--------------------------------------	---	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar horizontal and angular ridges. Angular side slopes.	Organic planar surface of grasses and organic clumps of pinyon-juniper and sagebrush.	Planar gravel roadway and cubed structures.
LINE	Strong angular skyline. Angular side slopes and foreground ridgeline.	Angular surface of grasses and organic clumps of foreground shrubs and grasses.	Linear horizontal roadway and vertical and horizontal residential structures.
COLOR	Very light, medium, and dark grey and brown slopes.	Light tan to brown grasses and medium to dark green pinyon-juniper and sagebrush.	Light to medium tan roadway and light tan, dark brown and dark green residential structures.
TEXTURE	Smooth to moderate landform.	Smooth to coarse grasses and sagebrush.	Smooth gravel roadway and residential structures.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Strongly pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Course steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Explain on reverse side)	3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form									x				Evaluator's Names M. Paulson	Date 04/28/14
Line									x					
Color										x				
Texture											x			

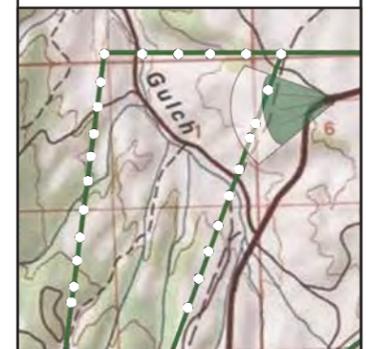
Rationale:

Where the Project would be located within 0.5 mile of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III management objectives. Mitigation measures (VR-1, VR-3, VR-4, VR-5, VR-7, VR-9, VR-10, and VR-12) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 mile away from viewer locations.

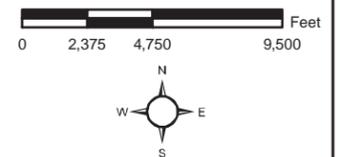
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



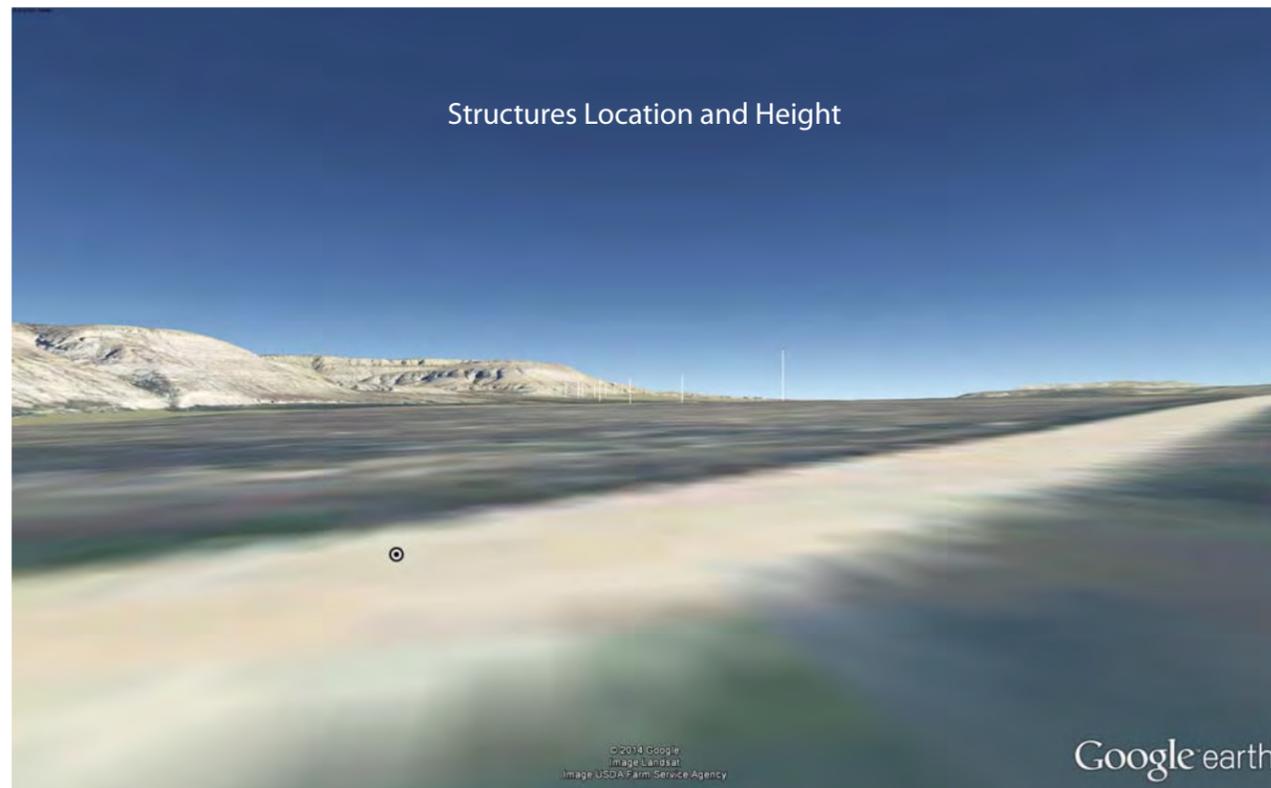
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP LS-33
US-40
(westbound)
(Segment 1104)





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 04/28/2014
 District Little Snake FO
 Resource Area
 Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>BLM Rd 21 (NB) and Residential</u> Township <u>8N</u> Range <u>96W</u> Section <u>6</u>	5. Location Sketch Please see Figure 3.12-1
--------------------------------------	---	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar horizontal, angular ridges, and water. Angular side slopes.	Organic planar surface of grasses and organic clumps of pinyon-juniper and sagebrush.	Planar gravel roadway.
LINE	Strong angular skyline. Angular side slopes and midground ridgeline.	Angular surface of grasses and organic clumps of foreground shrubs and grasses.	Linear horizontal roadway.
COLOR	Very light, medium, and dark grey and brown slopes.	Light tan to brown grasses and medium to dark green pinyon-juniper and sagebrush.	Light to medium tan roadway.
TEXTURE	Smooth to moderate landform.	Smooth to coarse grasses and sagebrush.	Smooth gravel roadway.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Strongly pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Course steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING

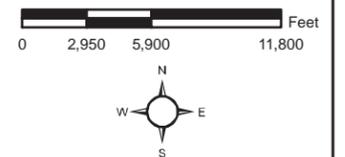
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form													X	Evaluator's Names M. Paulson Date 04/28/14
Line													X	
Color													X	
Texture													X	



Project Location



KOP Location



TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LS-34
BLM Road 21 (NB)
and Residential
(Segment 1187)



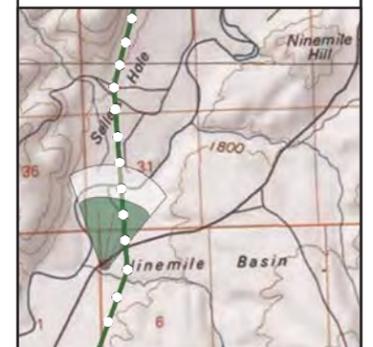
Rationale:

Where the Project would be located within 0.5 mile of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III management objectives. Mitigation measures (VR-1, VR-3, VR-4, VR-5, VR-7, VR-9, VR-10, and VR-12) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 mile away from viewer locations.

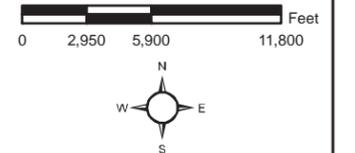
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



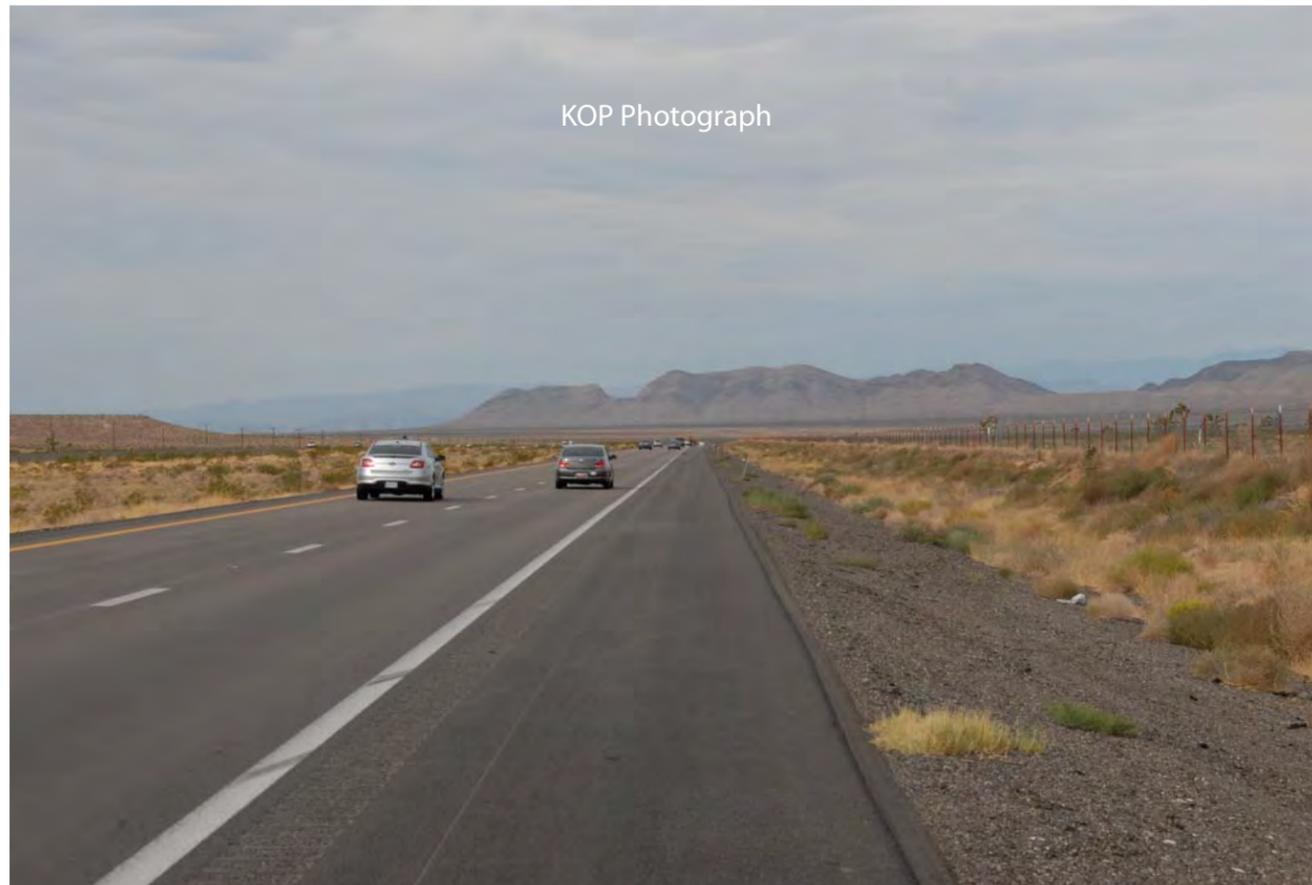
KOP Location



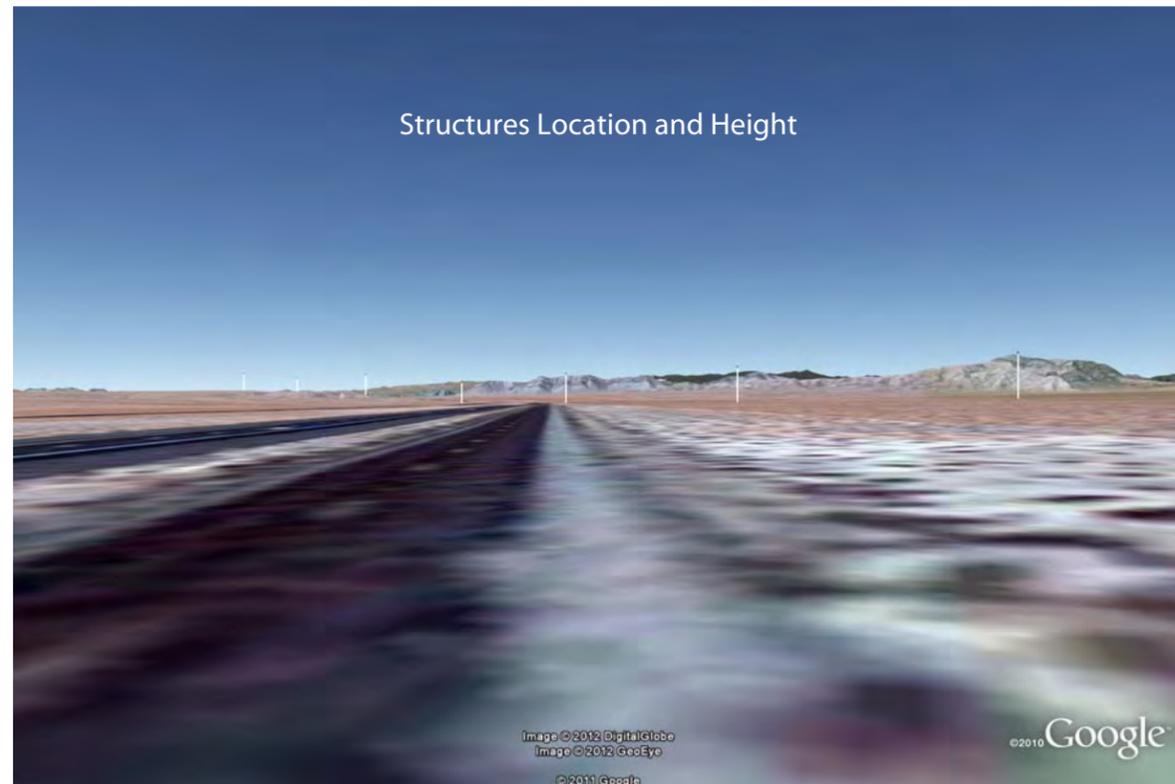
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP LS-34
Simulated Condition
(Segment 1187)





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011

District Southern Nevada DO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location I-15 (SB) Township 13S Range 68E Section 34	5. Location Sketch Please see Figure 3.12-3
2. Key Observation Point LV-1		
3. VRM Class III (VRI Class III)		

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar valley floor. Angular background mountains and rock formations.	Blanket and clumps of shrubs and grasses. Sparse Joshua trees.	Planar roadway and multiple steel lattice and H-frame T-lines and utility poles.
LINE	Horizontal and angular ridgelines and rock formations. Horizontal valley floor.	Irregular Joshua trees, shrubs and grass patterns.	Horizontal roadway and vertical steel lattice t-lines. Vertical and horizontal H-frame poles. Curvilinear conductors.
COLOR	Light to medium reddish tan and grey.	Silver green and tan shrubs and tan grasses. Medium olive green Joshua trees.	Light, medium to dark grey roadway and T-lines. Medium to dark brown utility poles and fence posts.
TEXTURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Medium to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)						
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None			
Form													X	Evaluator's Names M. Paulson	Date 09/09/2011
Line													X		
Color													X		
Texture													X		

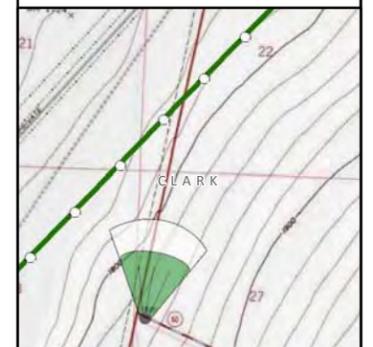
Rationale:

Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objectives. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-4, VR-6, and VR-7) would further reduce contrasts.

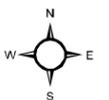
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



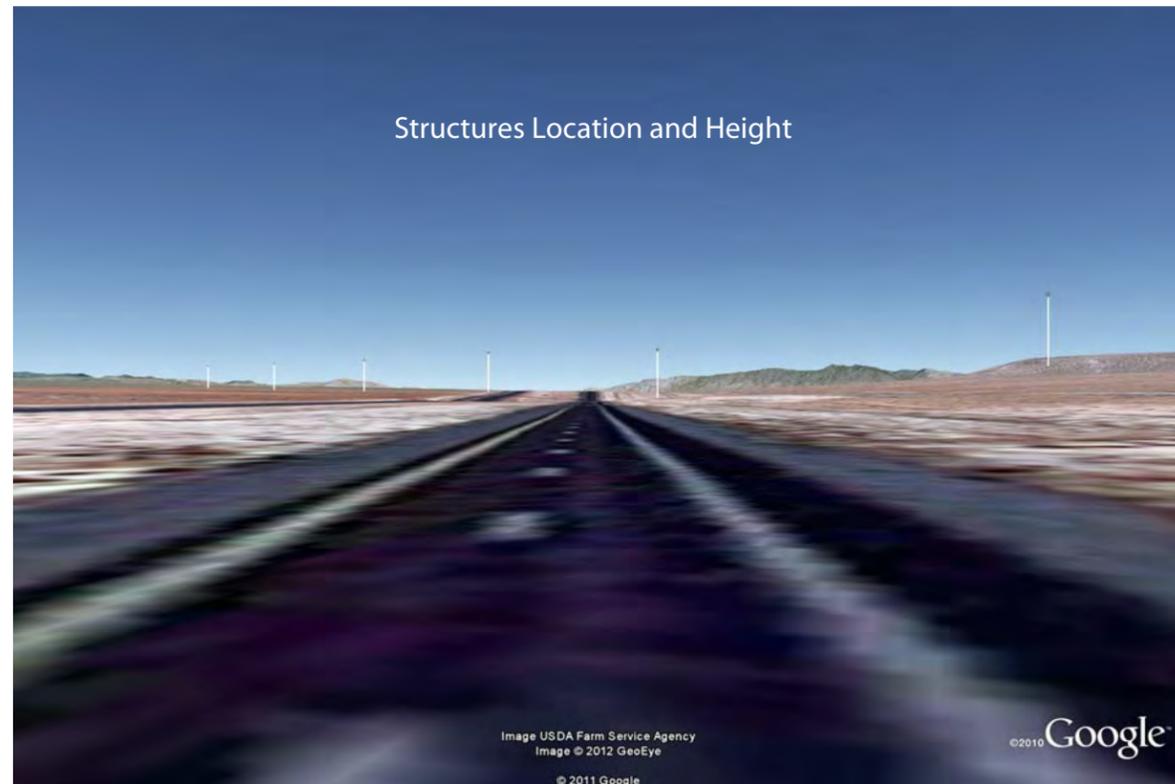
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-1
Interstate 15
(southbound)
(Segment 1550.1)





KOP Photograph



Structures Location and Height

Image USDA Farm Service Agency
Image © 2012 GeoEye
© 2011 Google

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Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011

District Southern Nevada DO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>I-15 (SB)</u> Township <u>14S</u> Range <u>68E</u> Section <u>5</u>	5. Location Sketch Please see Figure 3.12-3
2. Key Observation Point LV-2		
3. VRM Class III (VRI Class III)		

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar valley floor. Angular background mountains.	Blanket and clumps of shrubs and grasses. Sparse Joshua trees.	Planar roadway and row of utility poles.
LINE	Horizontal and angular ridgelines. Horizontal valley floor.	Irregular Joshua trees, shrubs and grass patterns.	Horizontal roadway and vertical utility poles.
COLOR	Light to medium reddish tan and grey.	Silver green and tan shrubs and tan grasses. Medium olive green Joshua trees.	Light, medium to dark grey roadway. Medium to dark brown utility poles.
TEXTURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)		
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None			
Form													X	Evaluator's Names M. Paulson	Date 09/09/2011
Line													X		
Color													X		
Texture													X		

Rationale:

Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objectives. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-4, VR-6, and VR-7) would further reduce contrasts.

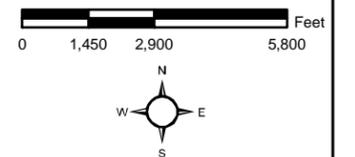
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



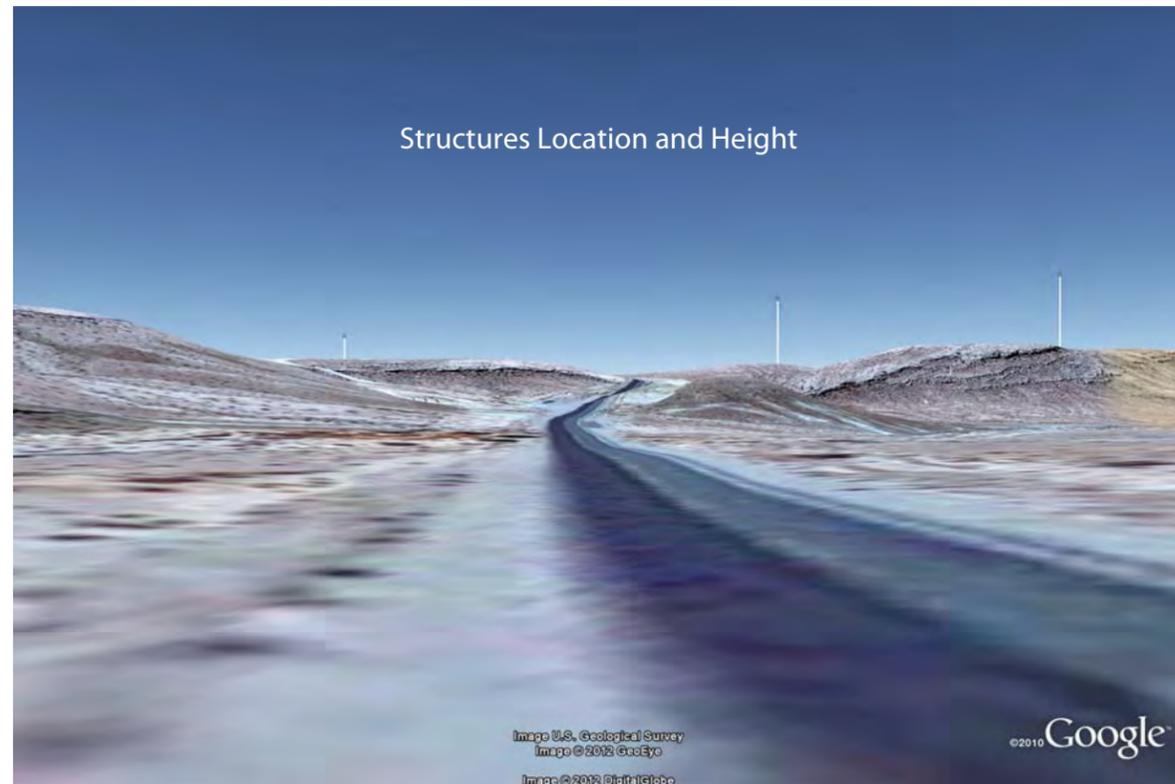
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP LV-2
Interstate 15
(southbound)
(Segment 1550.1)





KOP Photograph



Structures Location and Height

Image U.S. Geological Survey
Image © 2010 GeoEye
Image © 2010 DigitalGlobe
© 2010 Google

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011

District Southern Nevada DO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location NV SH-169 (SB) Township 15S Range 67E Section 5	5. Location Sketch Please see Figure 3.12-3
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SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Rolling hills.	Blanket and clumps of shrubs and grasses.	Undulating planar roadway and twin H-frame T-lines' cylindrical poles.
LINE	Horizontal, curvilinear and angular ridgelines.	Irregular shrubs and grass patterns.	Horizontal roadway and vertical and horizontal H-frame poles. Curvilinear conductors.
COLOR	Light to medium reddish tan and grey.	Dark green and tan shrubs and tan grasses.	Light, medium to dark grey roadway. Medium to dark brown utility poles. Light grey to silver conductors.
TEXTURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Medium to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form													X	Evaluator's Names M. Paulson Date 09/09/2011
Line													X	
Color													X	
Texture													X	

Rationale:

Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objectives. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-4, VR-6, and VR-7) would further reduce contrasts.

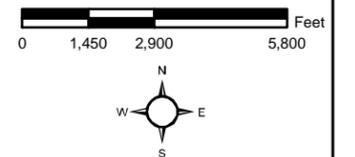
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



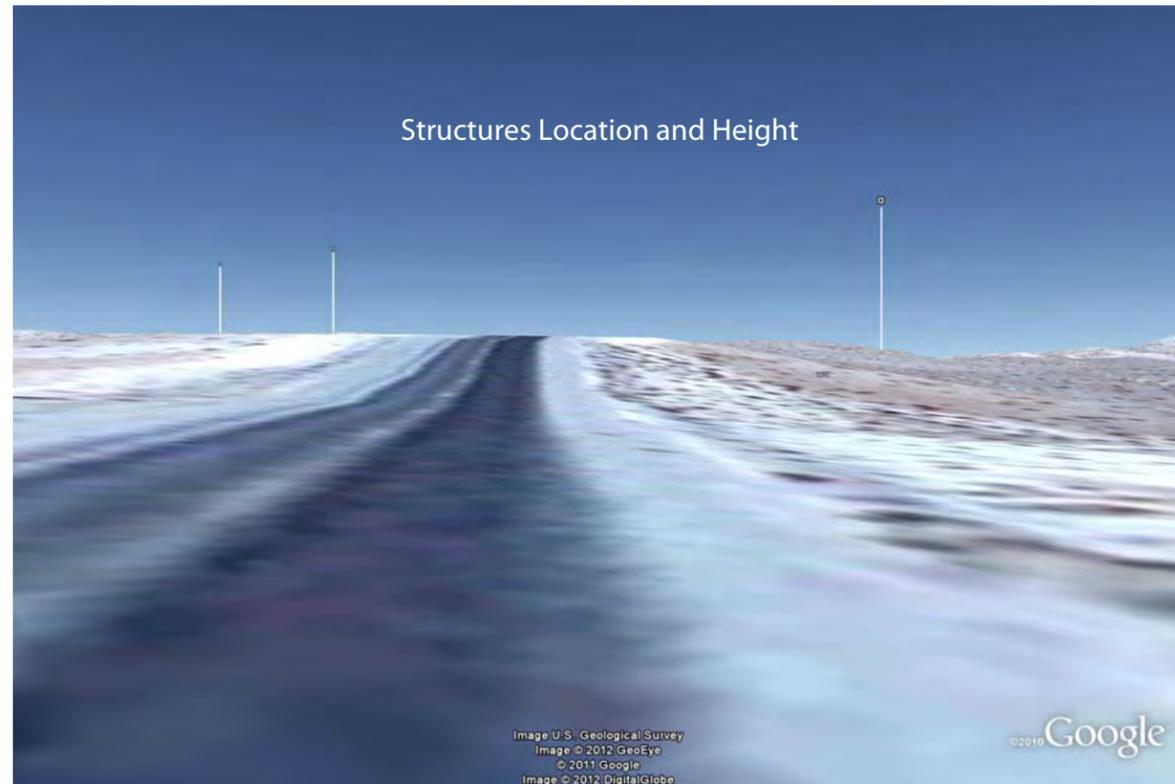
KOP Location



TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-4
Nevada State Hwy 169 (southbound)
(Segment 1550.1)





Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011

District Southern Nevada DO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location NV SH-169 (NB) Township 15S Range 67E Section 9	5. Location Sketch Please see Figure 3.12-3
2. Key Observation Point LV-5		
3. VRM Class III (VRI Class III)		

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

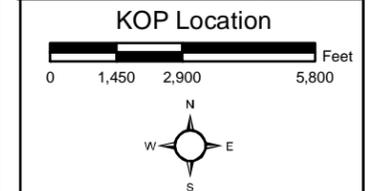
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Rolling hills.	Blanket and clumps of shrubs and grasses.	Undulating planar roadway and twin H-frame T-lines' cylindrical poles.
LINE	Horizontal, curvilinear and angular ridgelines.	Irregular shrubs and grass patterns.	Horizontal roadway and vertical and horizontal H-frame poles. Curvilinear conductors.
COLOR	Light to medium reddish tan and grey.	Dark green and tan shrubs and tan grasses.	Light, medium to dark grey roadway. Medium to dark brown utility poles. Light grey to silver conductors.
TEXTURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)		
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None			
Form													X	Evaluator's Names M. Paulson	Date 09/09/2011
Line													X		
Color													X		
Texture												X			



TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-5
Nevada State Hwy 169 (northbound)
(Segment 1550.1)



Rationale:
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objectives. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-4, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

KOP Photograph



Structures Location and Height

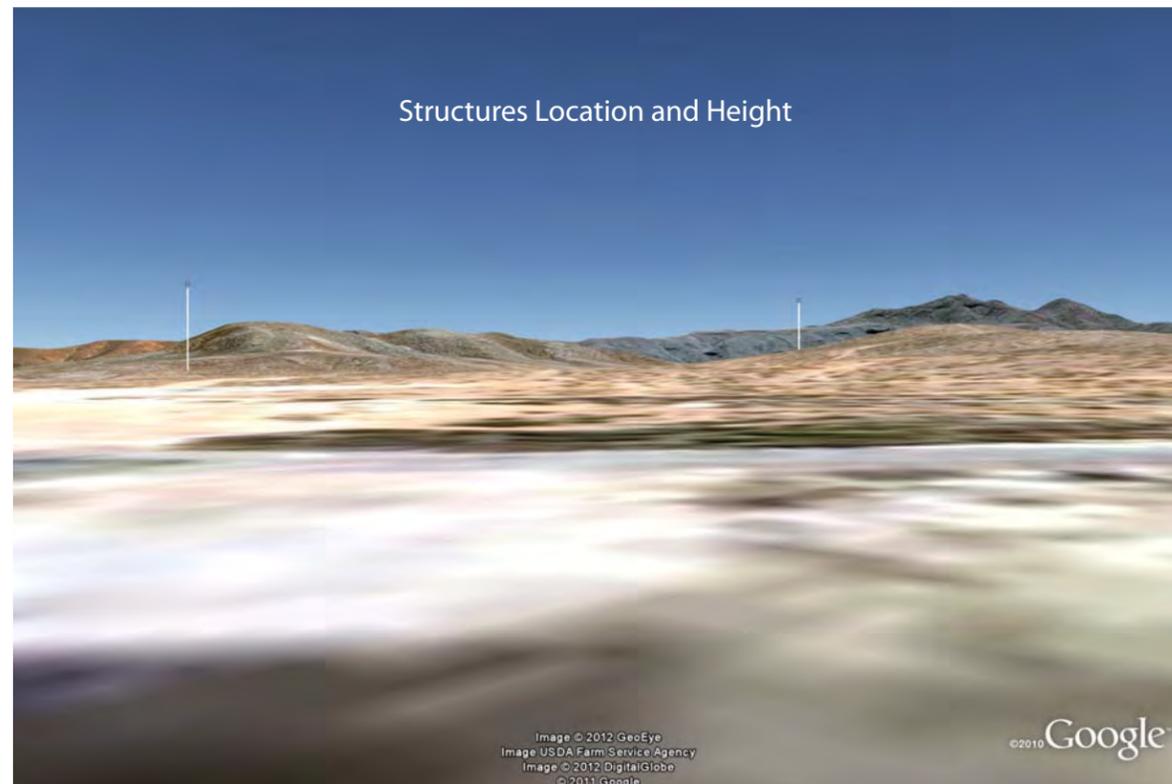


Image © 2012 GeoEye
Image US DA Farm Service Agency
Image © 2012 DigitalGlobe
© 2011 Google

©2010 Google

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011

District Southern Nevada DO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>I-15/Hidden Valley Interchange</u>	5. Location Sketch Please see Figure 3.12-3
2. Key Observation Point LV-6	Township <u>15S</u>	
3. VRM Class III (VRI Class III)	Range <u>66E</u>	
	Section <u>15</u>	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Rolling and angular hills.	Blanket and clumps of shrubs and grasses.	Planar roadway and parking area.
LINE	Horizontal, curvilinear and angular ridgelines.	Irregular shrubs and grass patterns.	Horizontal roadway and parking area.
COLOR	Light to medium reddish tan and grey.	Dark green and tan shrubs and tan grasses.	Light, medium tan roadway and parking area.
TEXTURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Explain on reverse side)					
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)				
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None						
Form													X				Evaluator's Names M. Paulson	Date 09/09/2011
Line													X					
Color													X					
Texture														X				

Rationale:

Where the Project would be located within 0.5 mile of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III management objectives. Mitigation measures (VR-1, VR-3, VR-4, VR-5, VR-7, VR-9, VR-10, and VR-12) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 mile away from viewer locations.

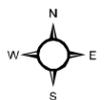
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



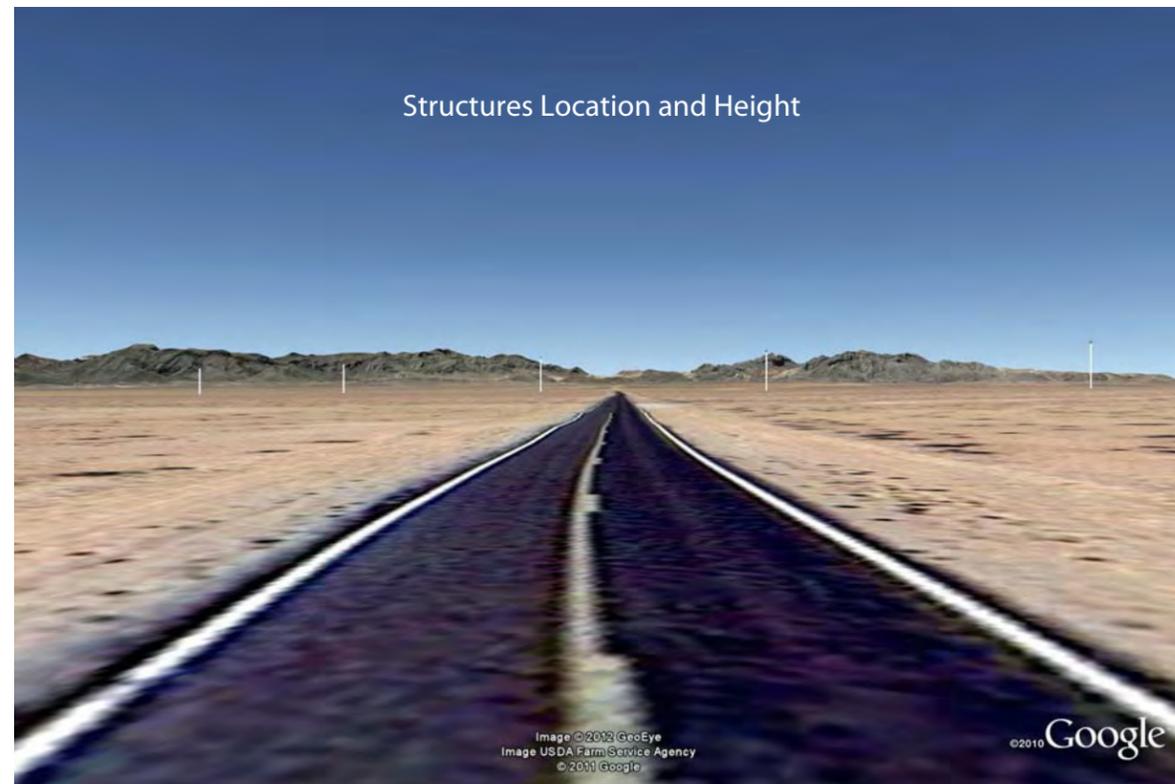
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-6
Interstate 15
Hidden Valley Interchange
(Segment 1550.2)





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011

District Southern Nevada DO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>NV SH-169</u> (SB) Township <u>17S</u> Range <u>65E</u> Section <u>8</u>	5. Location Sketch Please see Figure 3.12-3
--------------------------------------	---	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar valley floor and angular mountains.	Blanket and clumps of shrubs and grasses.	Planar, slightly undulating roadway.
LINE	Horizontal valley floor, curvilinear and angular ridgelines.	Irregular shrubs and grass patterns.	Horizontal, slightly curvilinear roadway..
COLOR	Light to medium reddish tan and grey.	Dark tan and light green shrubs and tan grasses.	Light, medium to dark grey roadway.
TEXTURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Medium to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Explain on reverse side)		
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None			
Form													X	Evaluator's Names M. Paulson	Date 09/09/2011
Line													X		
Color													X		
Texture													X		

Rationale:
Where the Project would be located within 0.5 mile of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III management objectives. Mitigation measures (VR-1, VR-3, VR-4, VR-5, VR-7, VR-9, VR-10, and VR-12) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 mile away from viewer locations.

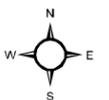
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-7
Nevada State Hwy 169
(southbound)
(Segment 1570)





Project Location



KOP Location



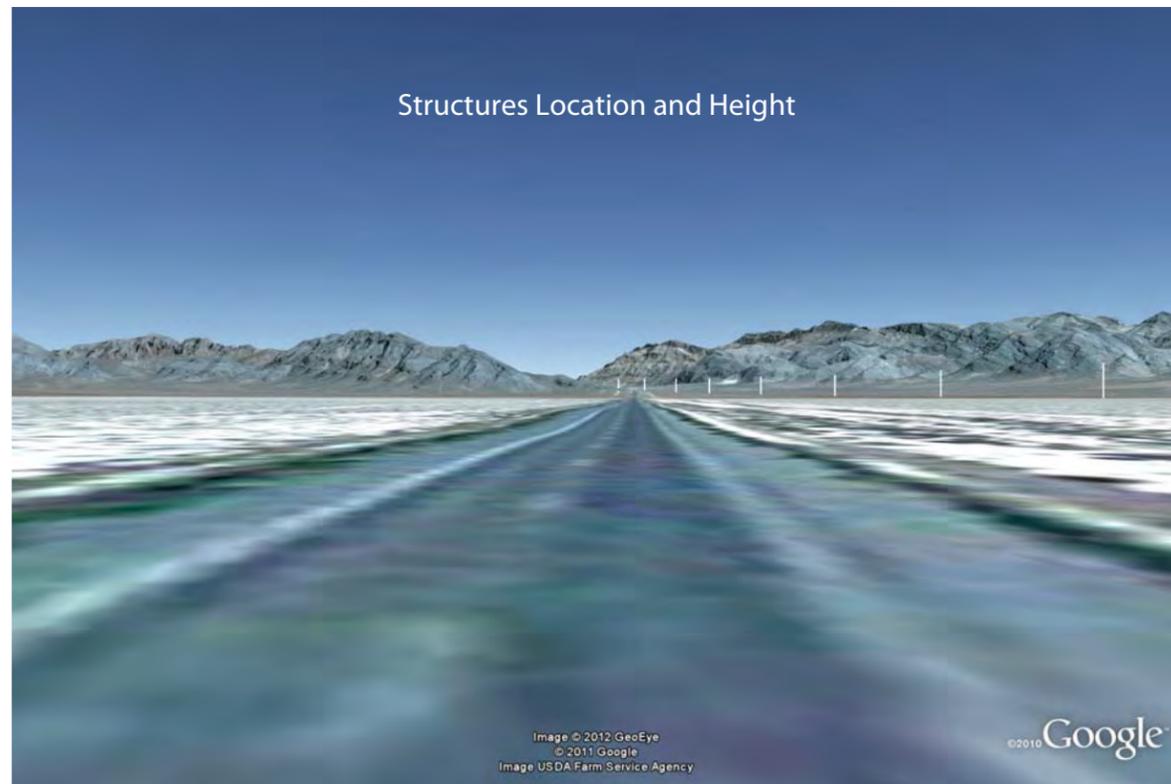
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP LV-7
(Segment 1570)
Simulated Condition





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 09/08/2011

District Southern Nevada DO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>US-93 (NB)</u> Township <u>16S</u> Range <u>63E</u> Section <u>16</u>	5. Location Sketch Please see Figure 3.12-3
--------------------------------------	---	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

1. LAND/WATER		2. VEGETATION	3. STRUCTURES
FORM	Undulating planar land form. Angular background mountains and rock formations.	Blanket and clumps of shrubs and grasses.	Planar roadway and cylindrical H-Frame poles. Pyramidal cell tower.
LINE	Horizontal foreground ridgeline and angular ridgelines and rock formations.	Irregular shrubs and grass patterns.	Horizontal roadway and vertical and horizontal H-Frame poles and curvilinear conductors. Vertical cell tower.
COLOR	Light to medium reddish tan and grey.	Silver green shrubs and tan grasses..	Light, medium to dark grey roadway and light grey cell tower. Medium to dark brown utility poles and conductors.
TEXTURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth

SECTION C. PROPOSED ACTIVITY DESCRIPTION

1. LAND/WATER		2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)		
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None			
Form													X	Evaluator's Names M. Paulson	Date 09/08/2011
Line													X		
Color													X		
Texture													X		

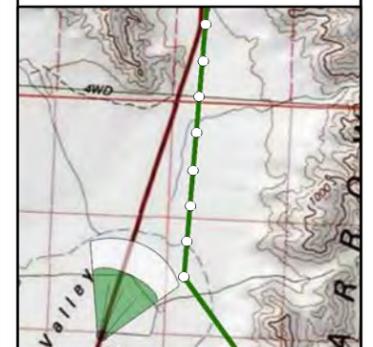
Rationale:

Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objectives. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-4, VR-6, and VR-7) would further reduce contrasts.

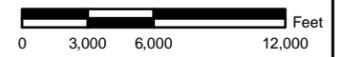
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



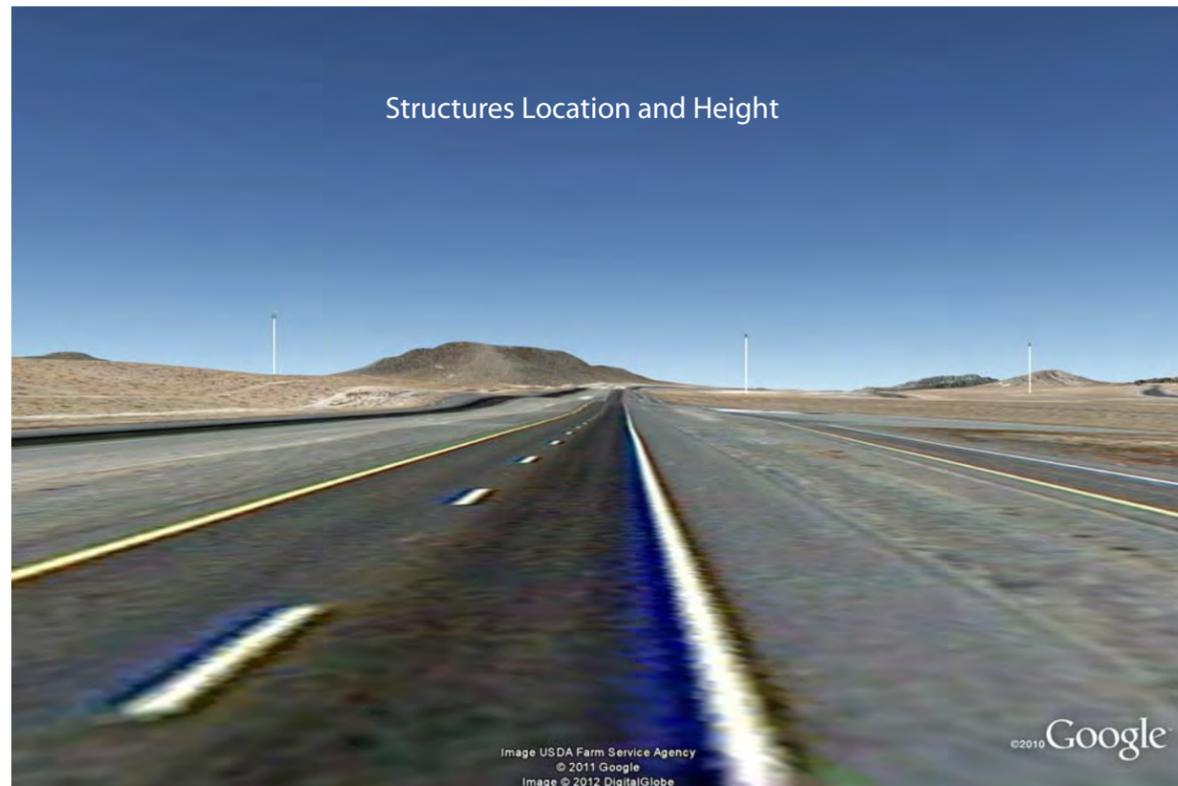
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-8
U.S. 93 (northbound)
(Segment 1520)





KOP Photograph



Structures Location and Height

Image USDA Farm Service Agency
© 2011 Google
Image © 2012 DigitalGlobe

©2010 Google

Form 8400-4
(September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011

District Southern Nevada DO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>I-15 (SB)</u> Township <u>18S</u> Range <u>63E</u> Section <u>35</u>	5. Location Sketch Please see Figure 3.12-3
2. Key Observation Point LV-10		
3. VRM Class Private		

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar valley floor and angular mountains.	Blanket and clumps of shrubs and grasses.	Planar roadways and bridge. Multiple utilities, including T-lines, lights, and cell tower.
LINE	Horizontal valley floor, curvilinear and angular ridgelines.	Irregular shrubs and grass patterns.	Horizontal roadways and bridge. Vertical utilities.
COLOR	Light to medium reddish tan and grey.	Dark tan and light green shrubs and tan grasses.	Light, medium grey roadway and dark grey bridge. Medium to dark grey utilities.
TEXTURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Medium to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

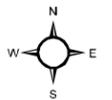
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)		
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None			
Form													X	Evaluator's Names M. Paulson	Date 09/09/2011
Line													X		
Color													X		
Texture													X		



Project Location



KOP Location

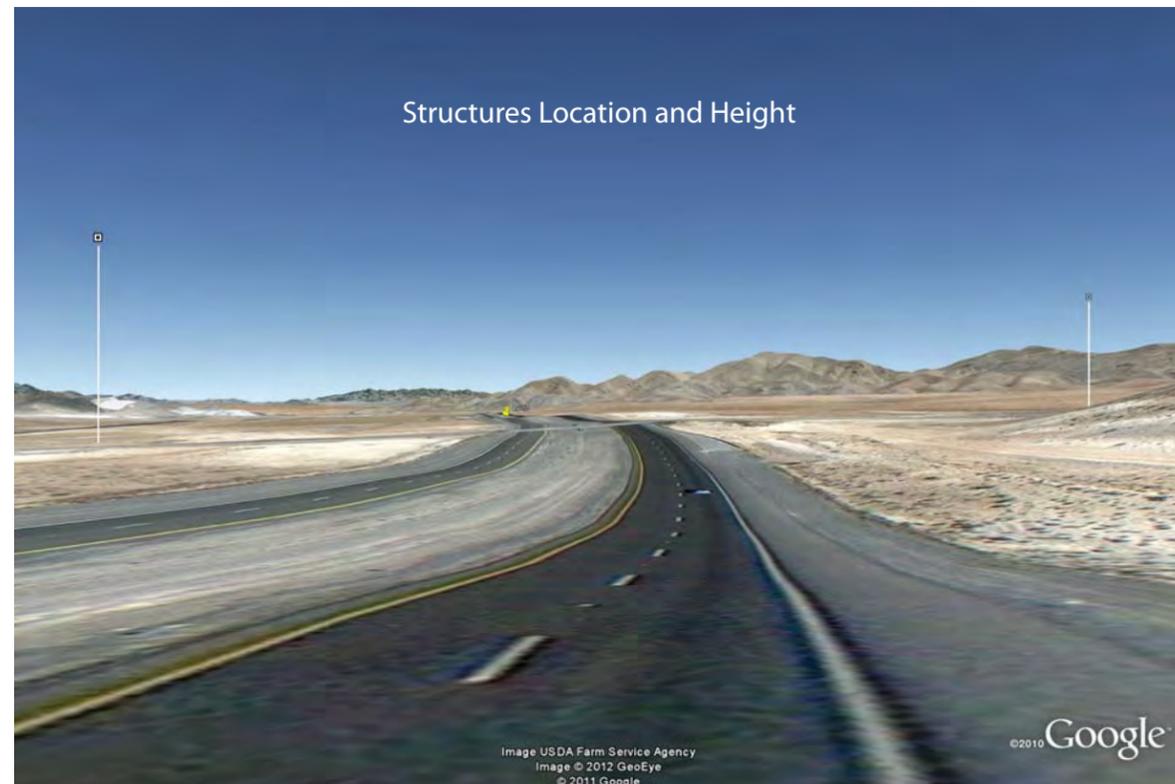


**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP LV-10
Interstate-15
(southbound)
(Segment 1610)



Rationale:
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Form 8400-4 (September 1985)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011

District Southern Nevada DO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>I-15 (NB)</u> Township <u>19S</u> Range <u>63E</u> Section <u>3</u>	5. Location Sketch Please see Figure 3.12-3
2. Key Observation Point LV-11		
3. VRM Class Private		

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar valley floor and angular mountains.	Blanket and clumps of shrubs and grasses.	Planar roadways and bridge. Multiple utilities, including T-lines.
LINE	Horizontal valley floor, curvilinear and angular ridgelines.	Irregular shrubs and grass patterns.	Horizontal roadways and bridge. Vertical utilities.
COLOR	Light to medium reddish tan and grey.	Dark tan and light green shrubs and tan grasses.	Light, medium grey roadway and dark grey bridge. Medium to dark grey utilities.
TEXTURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

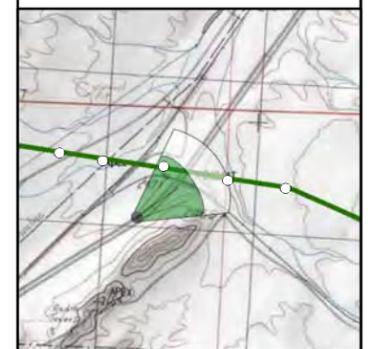
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form													x	Evaluator's Names: M. Paulson Date: 09/09/2011
Line													x	
Color													x	
Texture													x	



Project Location



KOP Location

Feet

0 1,450 2,900 5,800

N
W E
S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-11
Interstate 15
(northbound)
(Segment 1610)



Rationale:
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Form 8400-4 (September 1985)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011

District Southern Nevada DO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location US-93 (WB) Township 23S Range 64E Section 7	5. Location Sketch Please see Figure 3.12-4
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SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

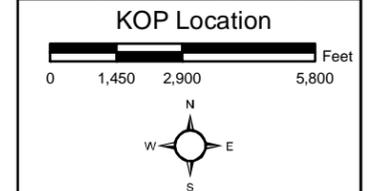
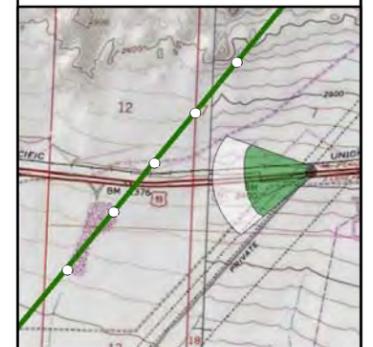
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Flat planar valley and angular mountains.	Clumps of desert shrubs and grasses.	Planar roadways. Pyramidal steel lattice structures. Cubed signage and structure and cylindrical highway sign pole.
LINE	Angular rock formations and ridgeline.	Irregular shrubs and grass patterns.	Horizontal roadway. Horizontal and vertical building and signage. Vertical utilities.
COLOR	Light to medium reddish tan and grey.	Dark green and tan desert shrubs and grasses.	Light, medium grey roadway. White structure and black to green signage. Medium to dark grey and brown utilities.
TEXTURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

ELEMENTS	DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
		LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)						
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None			
Form													X		Evaluator's Names M. Paulson	Date 09/09/2011
Line													X			
Color													X			
Texture													X			



TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-19
U.S. 93 (westbound)
(Segment 1760)



Rationale:
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011

District Southern Nevada DO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>US-93 (WB)</u> Township <u>21S</u> Range <u>63E</u> Section <u>33</u>	5. Location Sketch Please see Figure 3.12-4
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SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Flat planar valley, disturbed planar mining, and angular mountains.	Clumps of desert shrubs and grasses.	Planar roadways. Multiple pyramidal steel lattice structures and multiple conductors.
LINE	Horizontal mining, angular ridgelines.	Irregular shrubs and grass patterns.	Horizontal roadway. Vertical t-line structures. Curvilinear conductors.
COLOR	Light to medium reddish tan and grey.	Dark brown and tan desert shrubs and grasses.	Medium to dark grey roadway. Medium to dark grey utilities.
TEXTURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

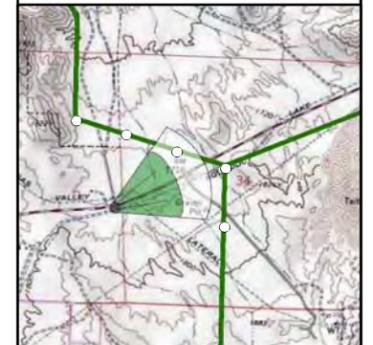
SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)		
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)							
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None				
Elements															Evaluator's Names M. Paulson	Date 09/09/2011
Form																
Line																
Color																
Texture																

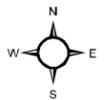
Rationale:
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



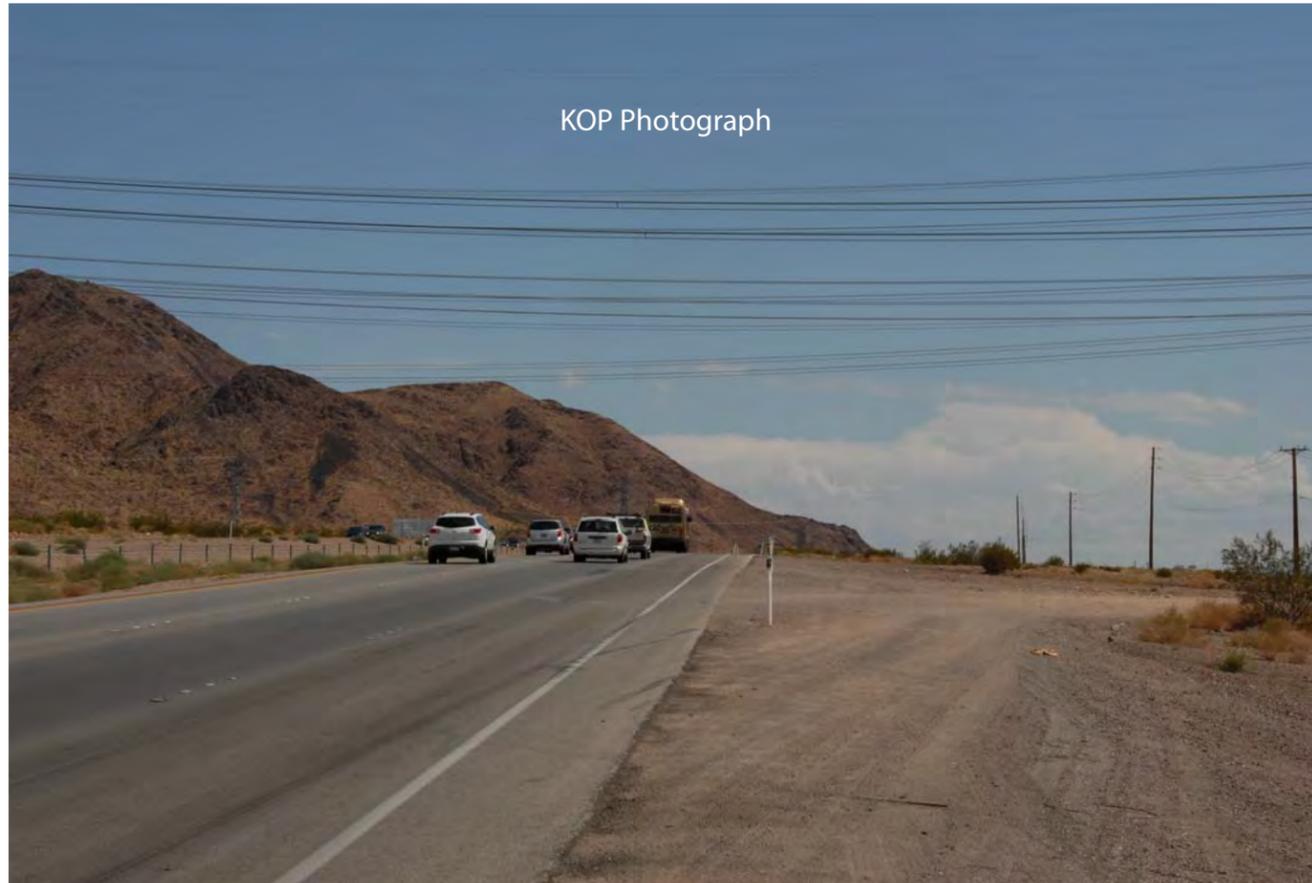
KOP Location



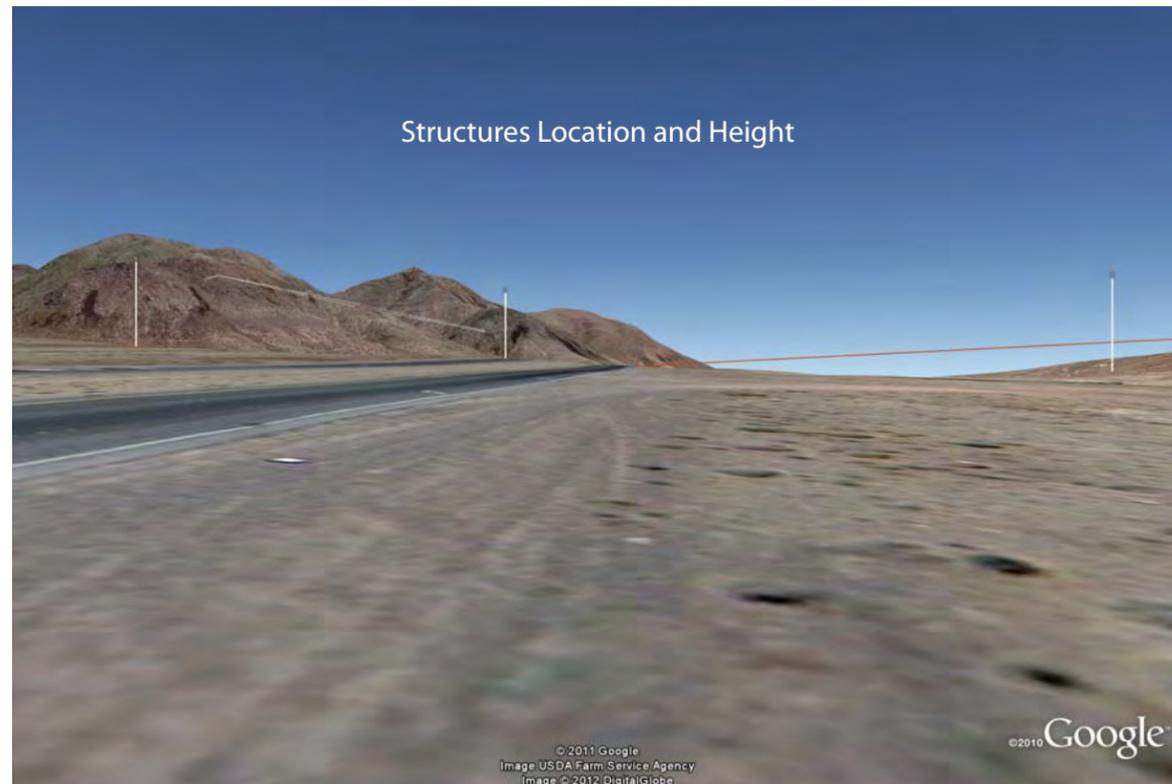
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP LV-20
U.S. 93 (westbound)
(Segment 1700)





KOP Photograph



Structures Location and Height

© 2011 Google
Image USA Farm Service Agency
Image © 2012 DigitalGlobe

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Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011

District Southern Nevada DO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>US-93/95</u> (SB) Township <u>22S</u> Range <u>63E</u> Section <u>35</u>	5. Location Sketch Please see Figure 3.12-4
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SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Flat planar valley and angular mountains.	Clumps of desert shrubs and grasses.	Planar roadways. Multiple pyramidal steel lattice structures and multiple conductors. Cylindrical utility poles.
LINE	Angular ridgelines.	Irregular shrubs and grass patterns.	Horizontal roadway. Vertical T-line structures. Curvilinear conductors.
COLOR	Light to medium reddish tan and grey.	Dark brown and tan desert shrubs and grasses.	Medium to dark grey roadway. Medium to dark grey utilities.
TEXTURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Medium silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form													x	Evaluator's Names M. Paulson Date 09/09/2011
Line													x	
Color													x	
Texture													x	

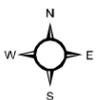
Rationale:
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



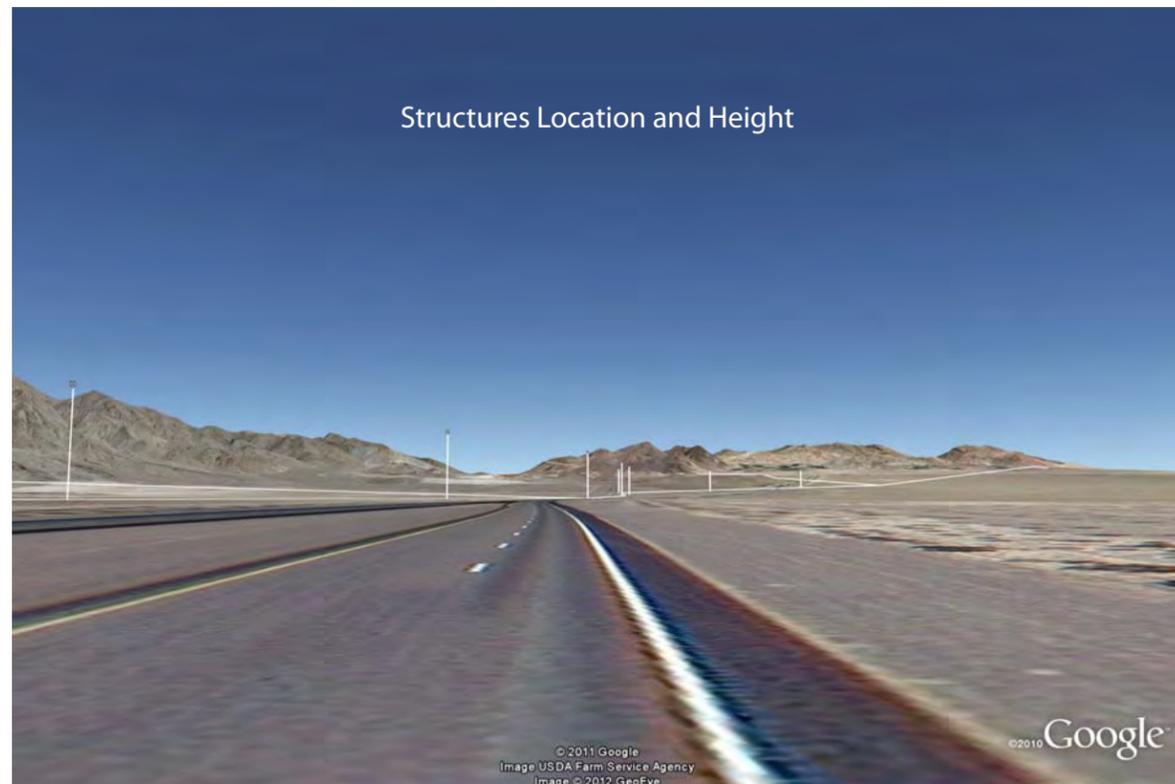
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP LV-21
U.S. 93-95 (southbound)
(Segment 1790)





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011

District Southern Nevada DO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>US-95 (NB)</u> Township <u>23S</u> Range <u>63E</u> Section <u>14</u>	5. Location Sketch Please see Figure 3.12-4
2. Key Observation Point LV-22		
3. VRM Class IV (VRI Class III)		

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Flat planar valley, disturbed planar mining, and angular mountains.	Clumps of desert shrubs and grasses.	Planar roadways. Multiple pyramidal steel lattice structures and multiple conductors. Multiple buildings and signs.
LINE	Horizontal mining, angular ridgelines.	Irregular shrubs and grass patterns.	Horizontal roadway. Vertical T-line structures. Curvilinear conductors. Horizontal and vertical blds and signs.
COLOR	Light to medium reddish tan and grey.	Dark brown and tan desert shrubs and grasses.	Medium to dark grey roadway. Medium to dark grey utilities.
TEXTURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Elements													Evaluator's Names: M. Paulson Date: 09/09/2011	
Form														X
Line														X
Color														X
Texture														X

Rationale:

The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

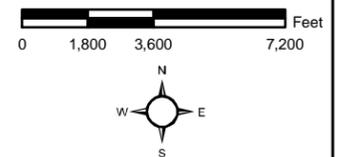
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



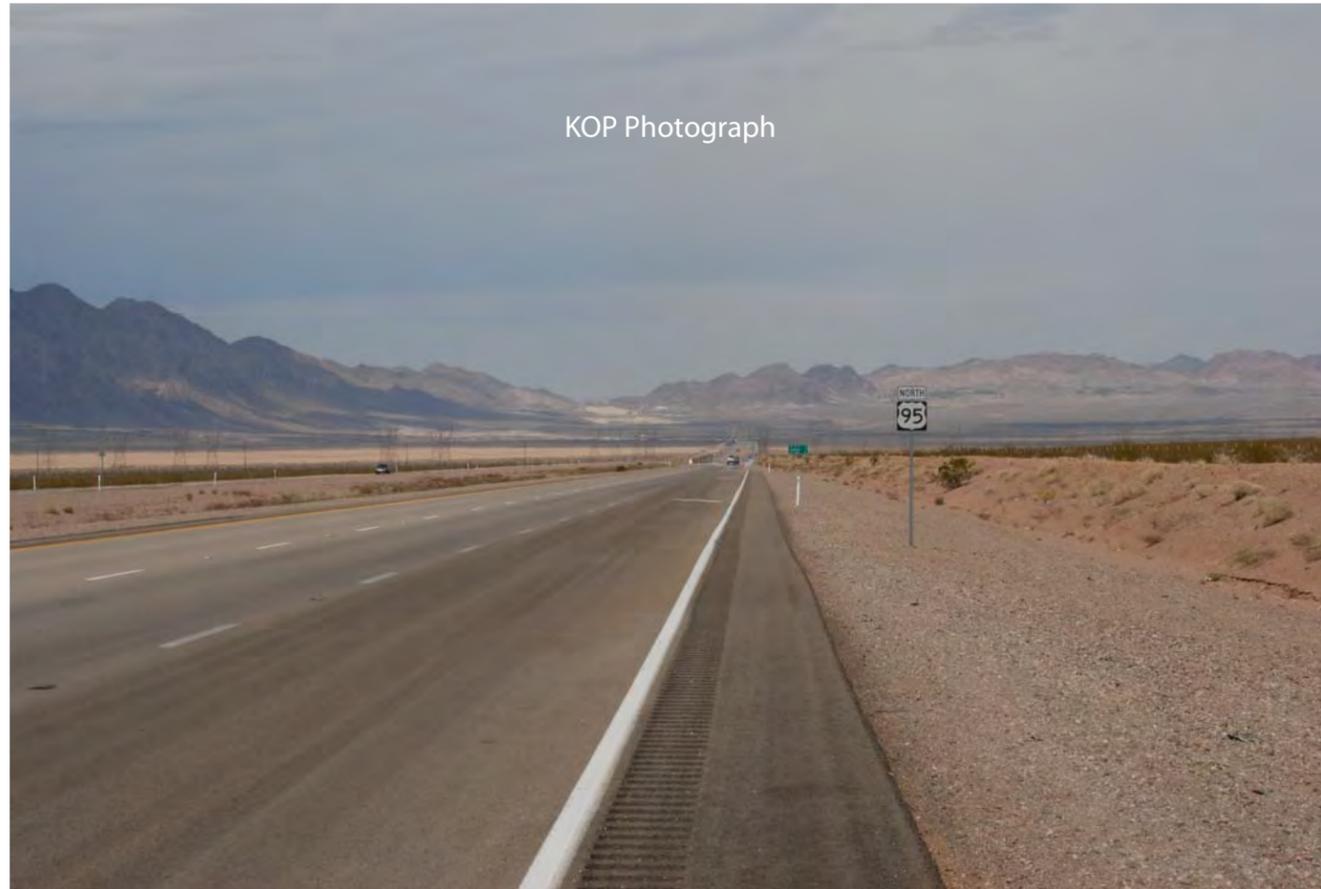
KOP Location



TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-22
U.S. 95 (northbound)
(Segment 1820)





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011

District Southern Nevada DO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>US-95 (NB)</u> Township <u>23S</u> Range <u>63E</u> Section <u>27</u>	5. Location Sketch Please see Figure 3.12-4
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SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Flat planar valley, planar mining disturbance and angular mountains.	Clumps of desert shrubs and grasses.	Planar roadways. Multiple pyramidal steel lattice structures and multiple conductors. Cylindrical utility poles.
LINE	Angular ridgelines and horizontal valley.	Irregular shrubs and grass patterns.	Horizontal roadway. Vertical T-line structures. Curvilinear conductors.
COLOR	Light to medium reddish tan and grey.	Dark brown and tan desert shrubs and grasses.	Medium to dark grey roadway. Medium to dark grey utilities.
TEXTURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form													x	Evaluator's Names: M. Paulson Date: 09/09/2011
Line													x	
Color													x	
Texture													x	

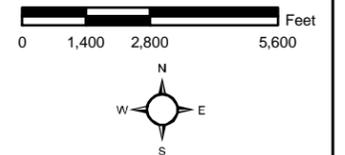
Rationale:
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



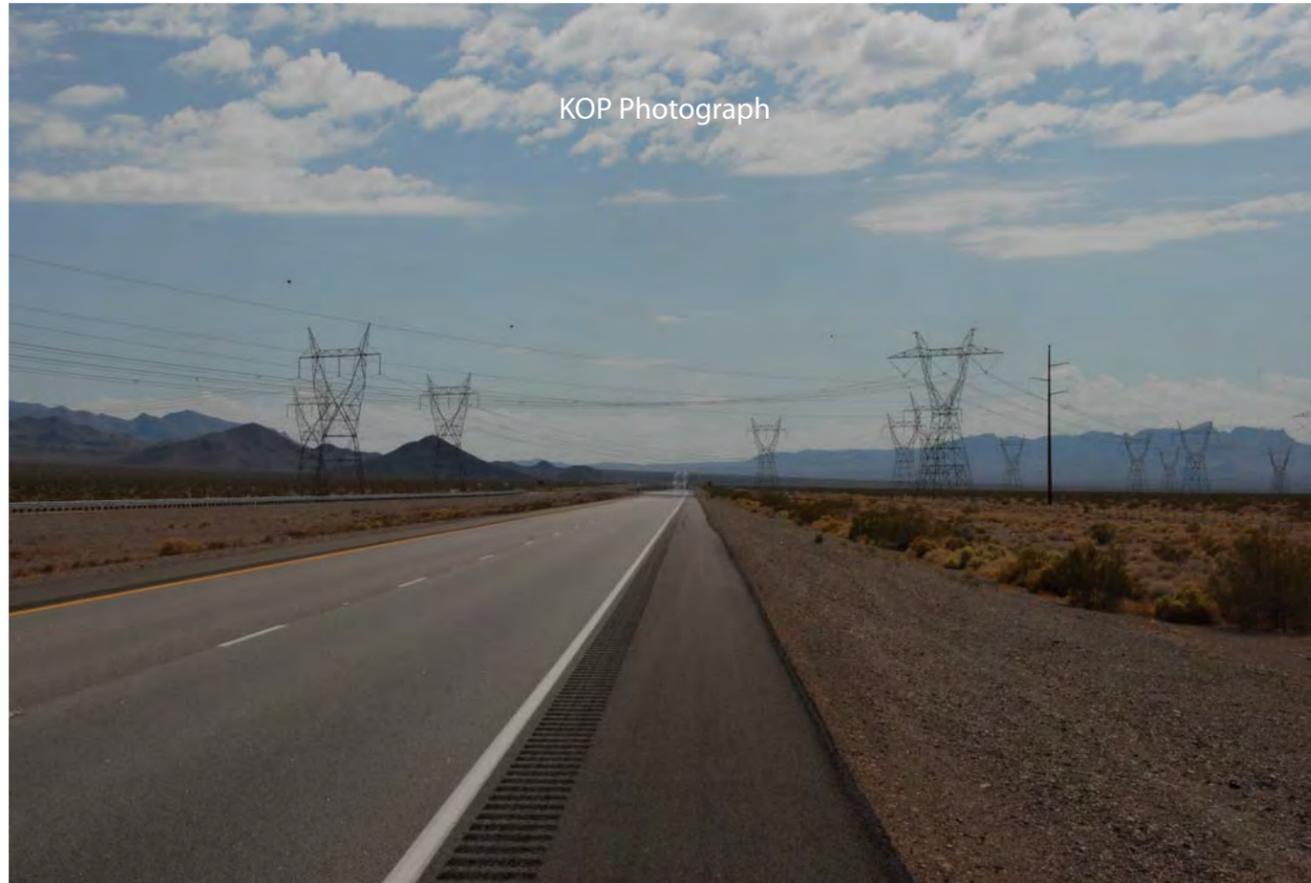
KOP Location



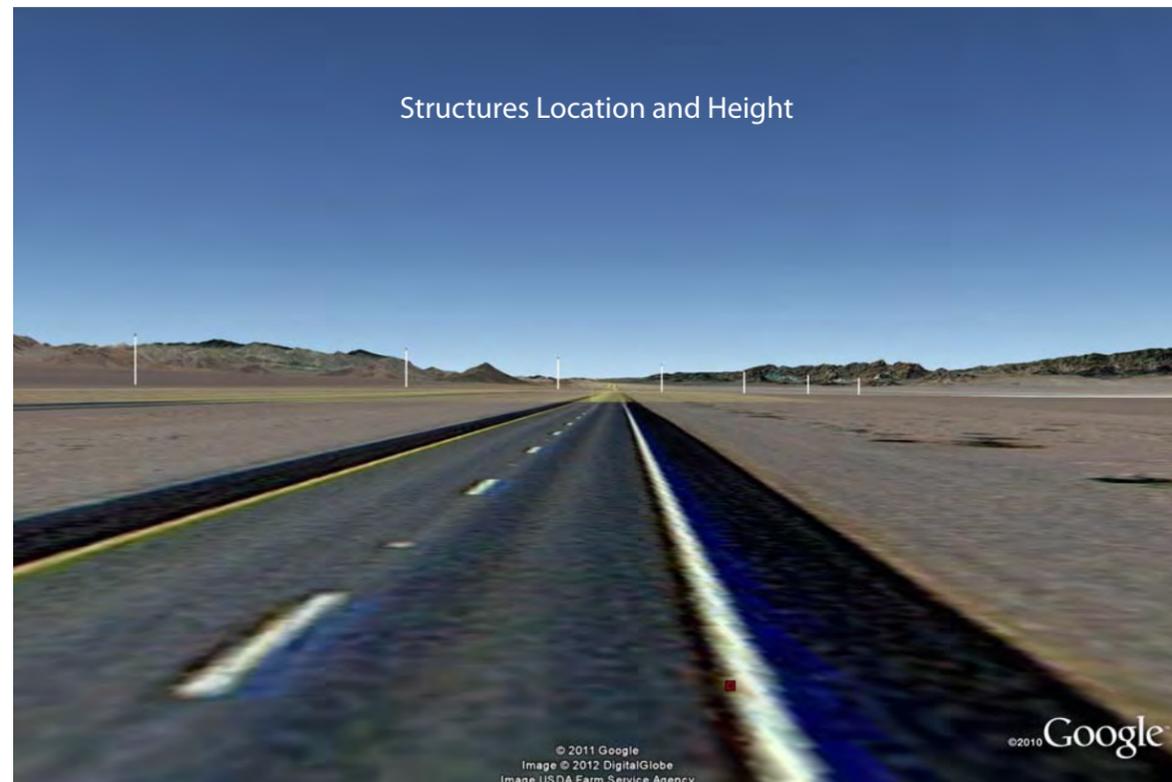
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP LV-23
U.S. 95 (northbound)
(Segment 1771)





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011

District Southern Nevada DO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>US-95 (SB)</u> Township <u>24S</u> Range <u>63E</u> Section <u>15</u>	5. Location Sketch Please see Figure 3.12-4
2. Key Observation Point LV-24		
3. VRM Class Private (Private)		

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Flat planar valley and angular mountains.	Clumps of desert shrubs and grasses.	Planar roadways. Multiple pyramidal steel lattice structures and multiple conductors. Cylindrical utility poles.
LINE	Angular ridgelines and horizontal valley.	Irregular shrubs and grass patterns.	Horizontal roadway. Vertical T-line structures. Curvilinear conductors.
COLOR	Light to medium reddish tan and grey.	Dark brown and tan desert shrubs and grasses.	Medium to dark grey roadway. Medium to dark grey utilities.
TEXTURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

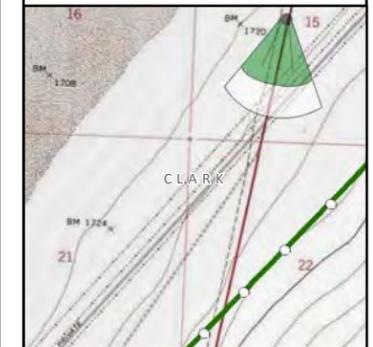
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Medium to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

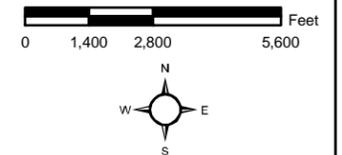
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form													X	Evaluator's Names: M. Paulson Date: 09/09/2011
Line													X	
Color													X	
Texture													X	



Project Location



KOP Location

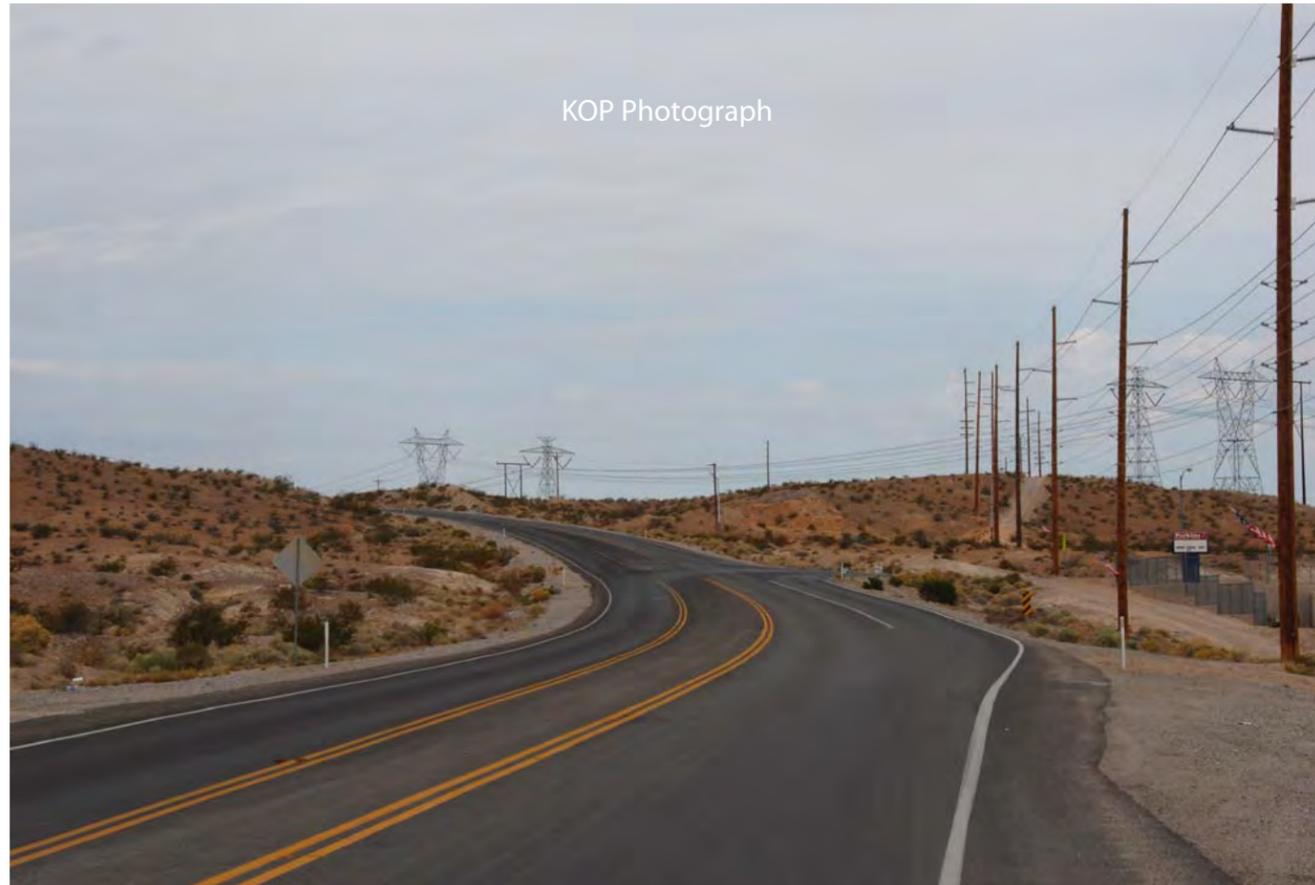


Rationale:
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

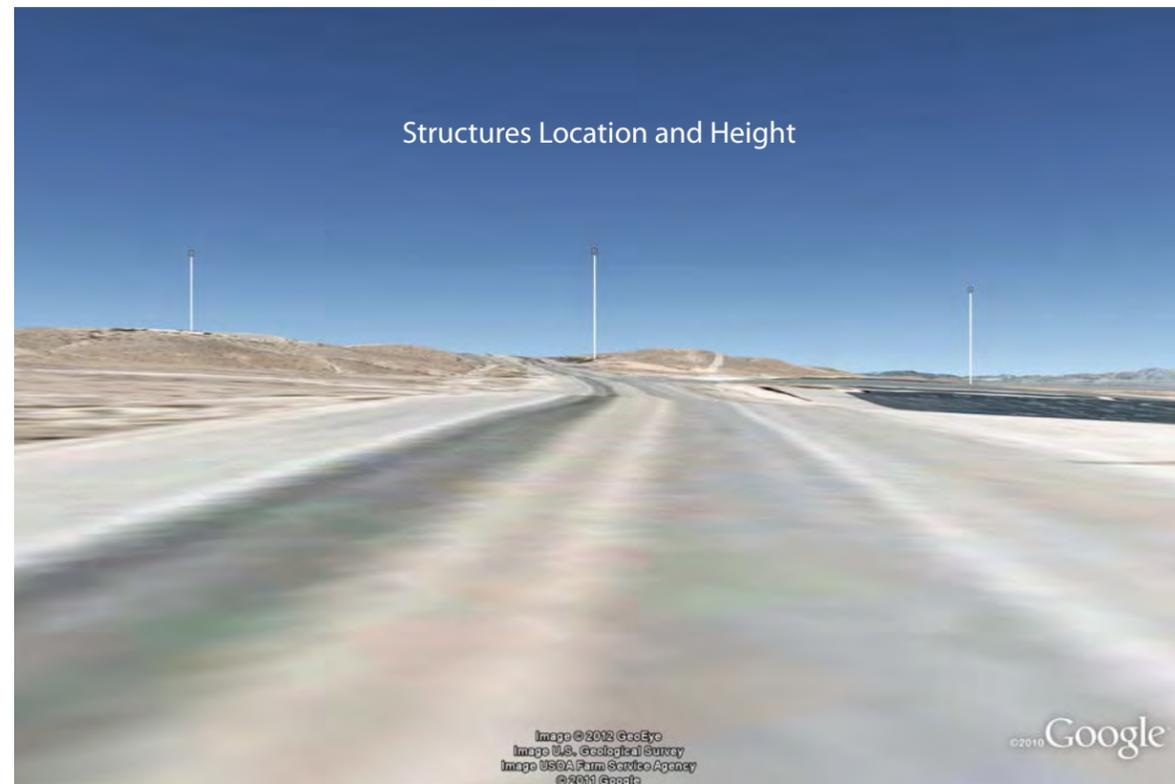
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP LV-24
U.S. 95 (southbound)
(Segment 1771)





KOP Photograph



Structures Location and Height

Image © 2012 GeoEye
Image U.S. Geological Survey
Image USDA Farm Service Agency
© 2011 Google

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Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011

District **Southern Nevada DO**

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Nevada</u> <u>SH-168 (WB)</u> <u>Township 14S</u> <u>Range 66E</u> <u>Section 34</u>	5. Location Sketch Please see Figure 3.12-3
2. Key Observation Point LV-34		
3. VRM Class III		

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Flat planar valley and rolling hills.	Clumps of desert shrubs and grasses.	Planar roadway. Multiple pyramidal steel lattice structures and multiple conductors. Cylindrical utility poles.
LINE	Curvilinear ridgelines and horizontal valley.	Irregular shrubs and grass patterns.	Horizontal roadway. Vertical T-line structures. Curvilinear conductors.
COLOR	Light to medium reddish tan and grey.	Dark brown and tan desert shrubs and grasses.	Medium to dark grey roadway. Medium to dark grey utilities. Dark brown utility poles.
TEXTURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

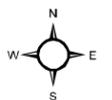
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)												
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)											
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None													
Elements	Form					Line						Color						Texture						Evaluator's Names M. Paulson	Date 09/09/2011



Project Location



KOP Location



TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-34
Nevada State Hwy 168
(westbound)
(Segment 1545)



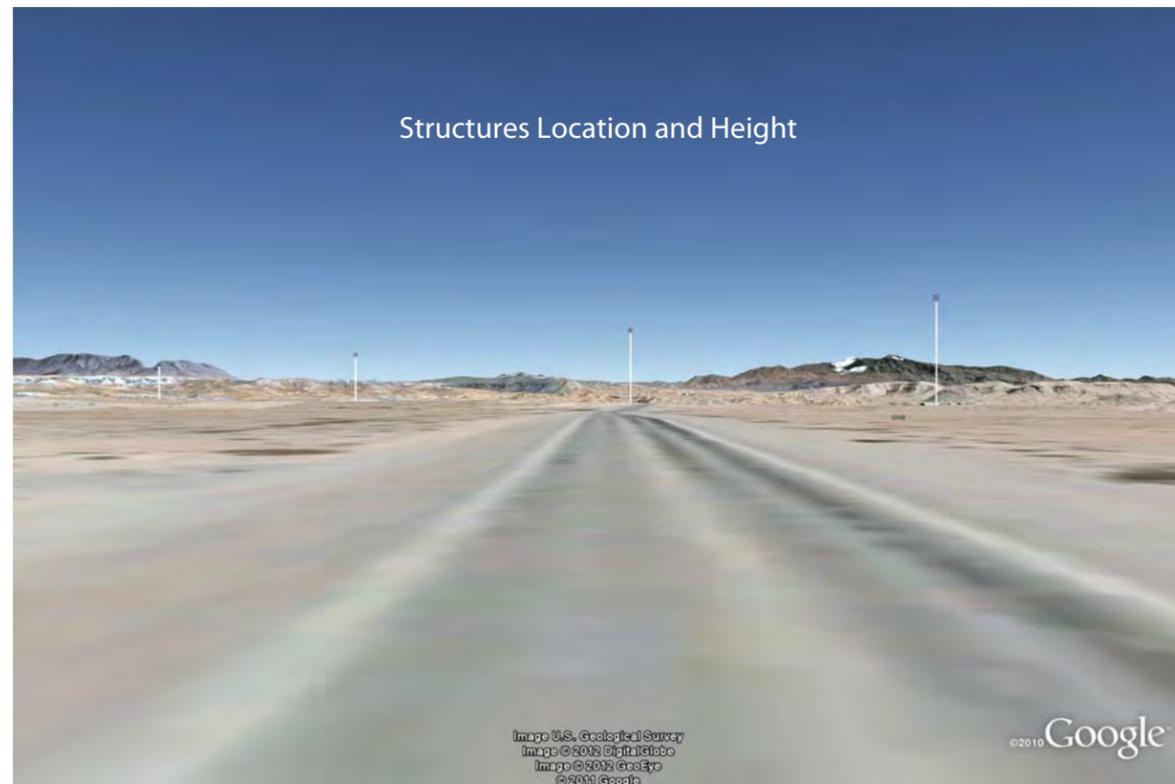
Rationale:

Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objectives. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-4, VR-6, and VR-7) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



KOP Photograph



Structures Location and Height

Image U.S. Geological Survey
Image © 2012 DigitalGlobe
Image © 2012 GeoEye
© 2011 Google

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011

District **Southern Nevada DO**

Resource Area _____

Activity (program) _____

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Nevada SH 168 (EB)</u> Township <u>14S</u> Range <u>66E</u> Section <u>33</u>	5. Location Sketch Please see Figure 3.12-3
--------------------------------------	---	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Flat planar valley, rolling hills and angular mountains.	Clumps of desert shrubs and grasses.	Planar roadways. Pyramidal steel lattice structures. Cylindrical utility poles.
LINE	Curvilinear ridgelines and horizontal valley.	Irregular shrubs and grass patterns.	Horizontal roadway. Vertical T-line structures.
COLOR	Light to medium reddish tan and grey.	Dark brown and tan desert shrubs and grasses.	Medium to dark grey roadway. Medium to dark grey utilities. Dark brown utility poles.
TEXTURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form													x	3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side) Evaluator's Names: M. Paulson Date: 09/09/2011
Line													x	
Color													x	
Texture													x	

Rationale:

Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objectives. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-4, VR-6, and VR-7) would further reduce contrasts.

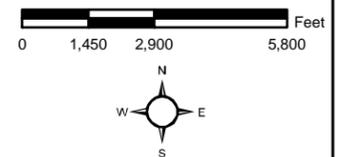
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



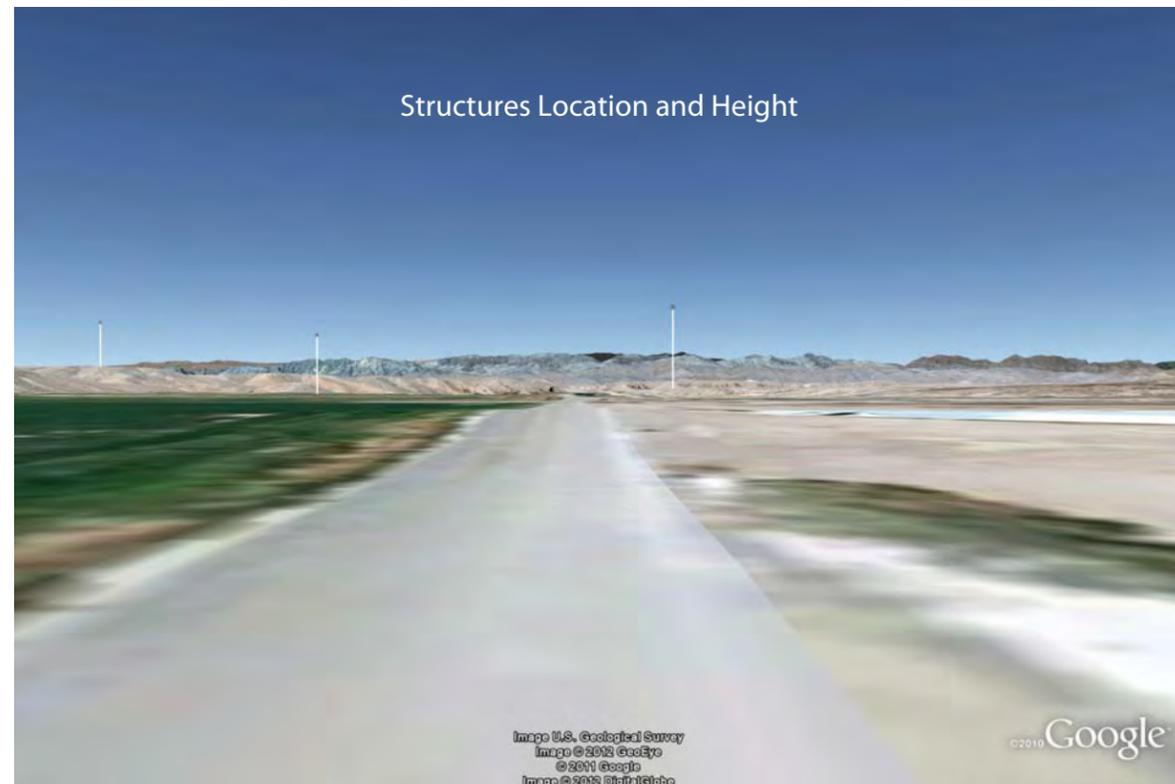
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-35
Nevada State Hwy 168
(eastbound)
(Segment 1540.2)





KOP Photograph



Structures Location and Height

Image U.S. Geological Survey
Image © 2012 GeoEye
© 2011 Google
Image © 2012 DigitalGlobe

© 2010 Google

Form 8400-4
(September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011

District **Southern Nevada DO**

Resource Area _____

Activity (program) _____

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location_Nevada SH-168 (EB) Township 15S Range 66E Section 4	5. Location Sketch Please see Figure 3.12-3
--------------------------------------	---	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Flat planar valley, rolling hills and angular mountains.	Clumps of desert shrubs and grasses.	Planar roadways. Pyramidal steel lattice structures. Cylindrical utility poles.
LINE	Curvilinear ridgelines and horizontal valley.	Irregular shrubs and grass patterns.	Horizontal roadway. Vertical T-line structures.
COLOR	Light to medium reddish tan and grey.	Dark brown and tan desert shrubs and grasses.	Medium to dark grey roadway. Medium to dark grey utilities. Dark brown utility poles.
TEX-TURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form													X	Evaluator's Names M. Paulson Date 09/09/2011
Line													X	
Color													X	
Texture													X	

Rationale:

Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objectives. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-4, VR-6, and VR-7) would further reduce contrasts.

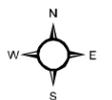
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



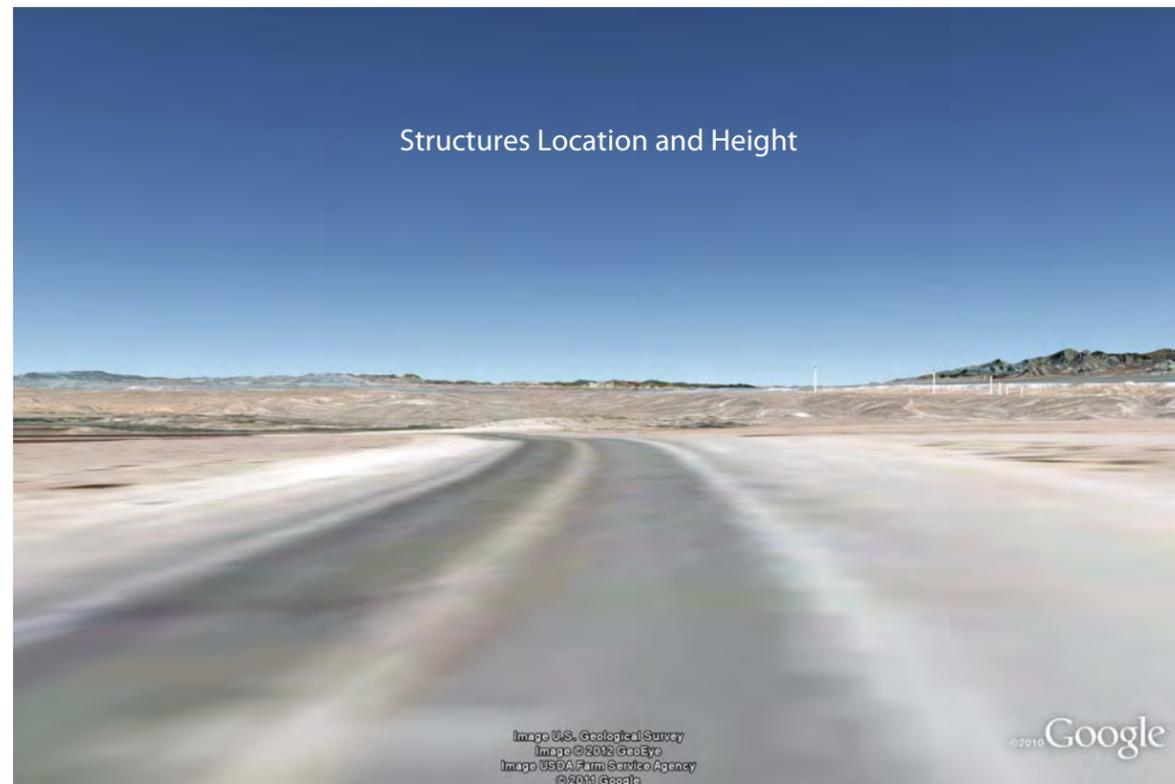
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP LV-36
Nevada State Hwy 168
(westbound)
(Segment 1540.2)





KOP Photograph



Structures Location and Height

Image U.S. Geological Survey
 Image © 2012 GeoEye
 Image USA Firm Service Agency
 © 2011 Google

Form 8400-4 (September 1985)

**UNITED STATES
 DEPARTMENT OF THE INTERIOR
 BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011

District Southern Nevada DO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location Nevada SH-78 (WB)	5. Location Sketch Please see Figure 3.12-3
2. Key Observation Point LV-37	Township 15S	
3. VRM Class III	Range 660E Section 10	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Flat planar valley and rolling hills.	Clumps of desert shrubs and grasses.	Planar roadway. Multiple pyramidal steel lattice structures and multiple conductors. Cylindrical utility poles.
LINE	Curvilinear ridgelines and horizontal valley.	Irregular shrubs and grass patterns.	Horizontal roadway. Vertical T-line structures. Curvilinear conductors.
COLOR	Light to medium reddish tan and grey.	Dark brown and tan desert shrubs and grasses.	Medium to dark grey roadway. Medium to dark grey utilities. Dark brown utility poles.
TEXTURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form													X	Evaluator's Names M. Paulson Date 09/09/2011
Line													X	
Color													X	
Texture													X	

Rationale:

Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objectives. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-4, VR-6, and VR-7) would further reduce contrasts.

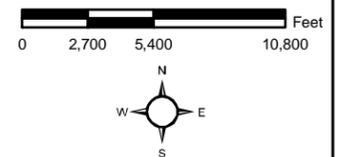
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-37
 Nevada State Hwy 78
 (westbound)
 (Segment 1540.2)





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 09/10/2011
 District Southern Nevada DO
 Resource Area
 Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location I-15 (SB) Township 17S Range 64E Section 15	5. Location Sketch Please see Figure 3.12-3
--------------------------------------	--	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Rolling hills and angular mountains.	Clumps of desert shrubs and grasses.	Planar roadways. Pyramidal steel lattice structures and multiple conductors.
LINE	Curvilinear and angular ridgelines.	Irregular shrubs and grass patterns.	Horizontal roadway. Vertical t-line structures. Curvilinear conductors.
COLOR	Light to medium reddish tan and grey.	Dark brown and tan desert shrubs and grasses.	Medium to dark grey roadway. Medium to dark grey utilities. Dark brown utility poles.
TEXTURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

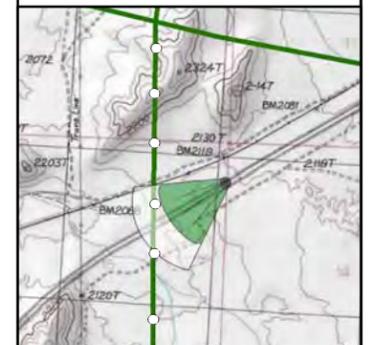
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form									X				Evaluator's Names M. Paulson Date 09/10/2011	
Line											X			
Color											X			
Texture											X			

Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

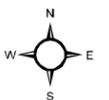
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP LV-38
Interstate 15
(southbound)
(Segment 1590)





KOP Photograph



Structures Location and Height

Image USDA Farm Service Agency
Image © 2012 GeoEye
© 2011 Google

©2010 Google

Form 8400-4
(September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 09/10/2011

District Southern Nevada DO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location I-15 (NB) Township 17S Range 64E Section 15	5. Location Sketch Please see Figure 3.12-3
--------------------------------------	--	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Rolling hills and angular mountains.	Clumps of desert shrubs and grasses.	Planar roadways. Pyramidal steel lattice structures and multiple conductors.
LINE	Curvilinear and angular ridgelines.	Irregular shrubs and grass patterns.	Horizontal roadway. Vertical T-line structures. Curvilinear conductors.
COLOR	Light to medium reddish tan and grey.	Dark brown and tan desert shrubs and grasses.	Medium to dark grey roadway. Medium to dark grey utilities. Dark brown utility poles.
TEXTURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form											X		Evaluator's Names M. Paulson Date 09/10/2011	
Line											X			
Color												X		
Texture												X		

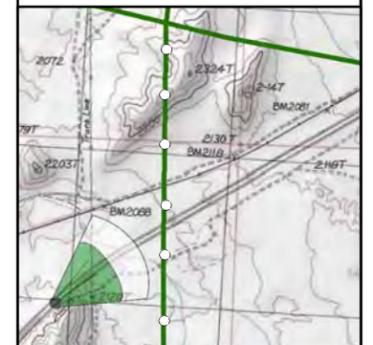
Rationale:

Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objectives. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-4, VR-6, and VR-7) would further reduce contrasts.

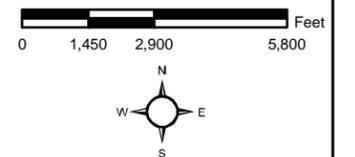
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



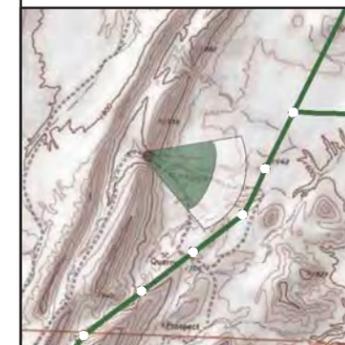
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-39
Interstate 15
(northbound)
(Segment 1590)

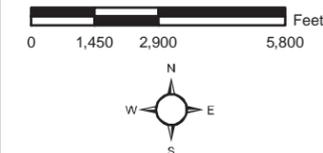




Project Location



KOP Location



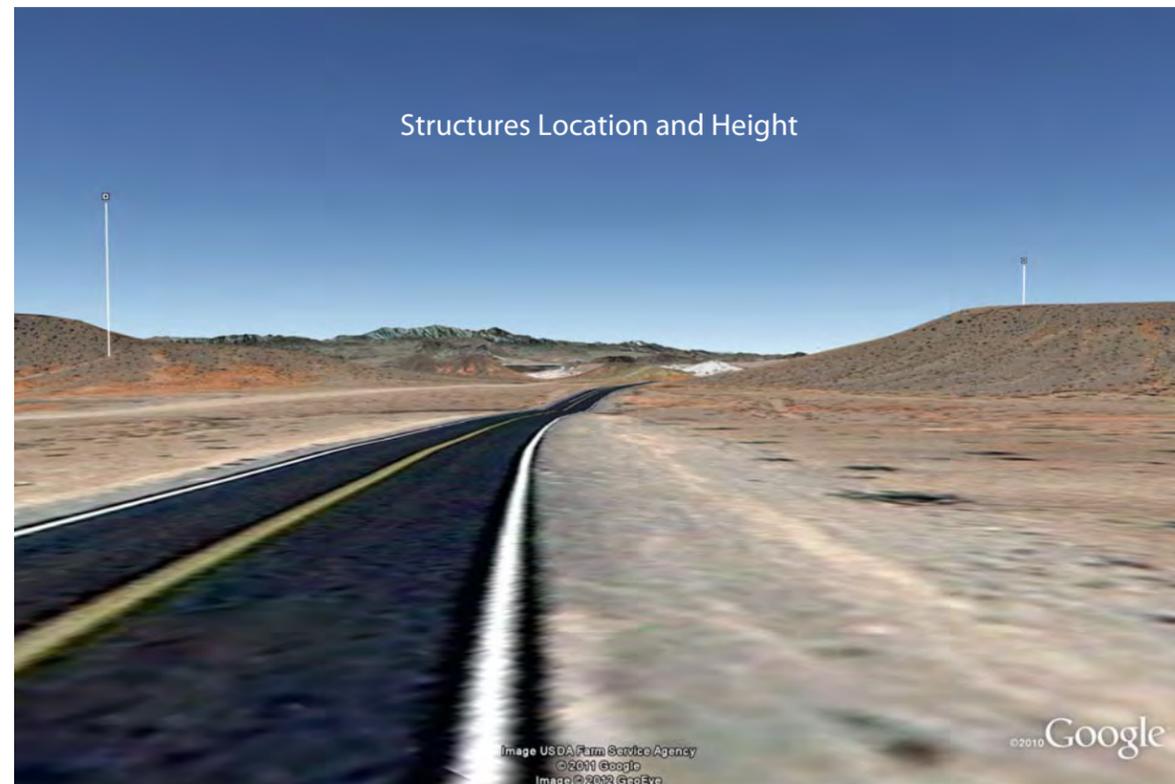
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP LV-41
Simulated Condition
(Segment 1630)





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 09/10/2011

District Southern Nevada DO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Lake Mead Blvd (SB)</u>	5. Location Sketch Please see Figure 3.12-4
2. Key Observation Point LV-42	Township <u>20S</u>	
3. VRM Class III (VRI Class III)	Range <u>63E</u>	
	Section <u>22</u>	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Rolling hills and angular mountains. Planar water.	Clumps of desert shrubs and grasses.	Planar roadway. Multiple pyramidal steel structures.
LINE	Curvilinear and angular ridgelines. Horizontal water.	Irregular shrubs and grass patterns.	Meandering roadway and vertical T-lines. Curvilinear conductors.
COLOR	Light to medium reddish tan and grey.	Dark brown and tan desert shrubs and grasses.	Medium to dark grey roadway and dark grey T-lines.
TEXTURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

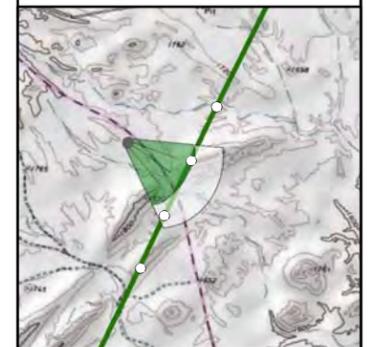
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)		
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None			
Form													X	Evaluator's Names M. Paulson	Date 09/10/2011
Line													X		
Color													X		
Texture													X		

Rationale:
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objectives. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-4, VR-6, and VR-7) would further reduce contrasts.

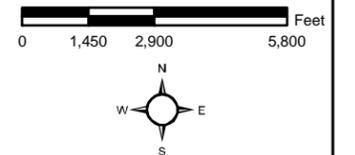
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



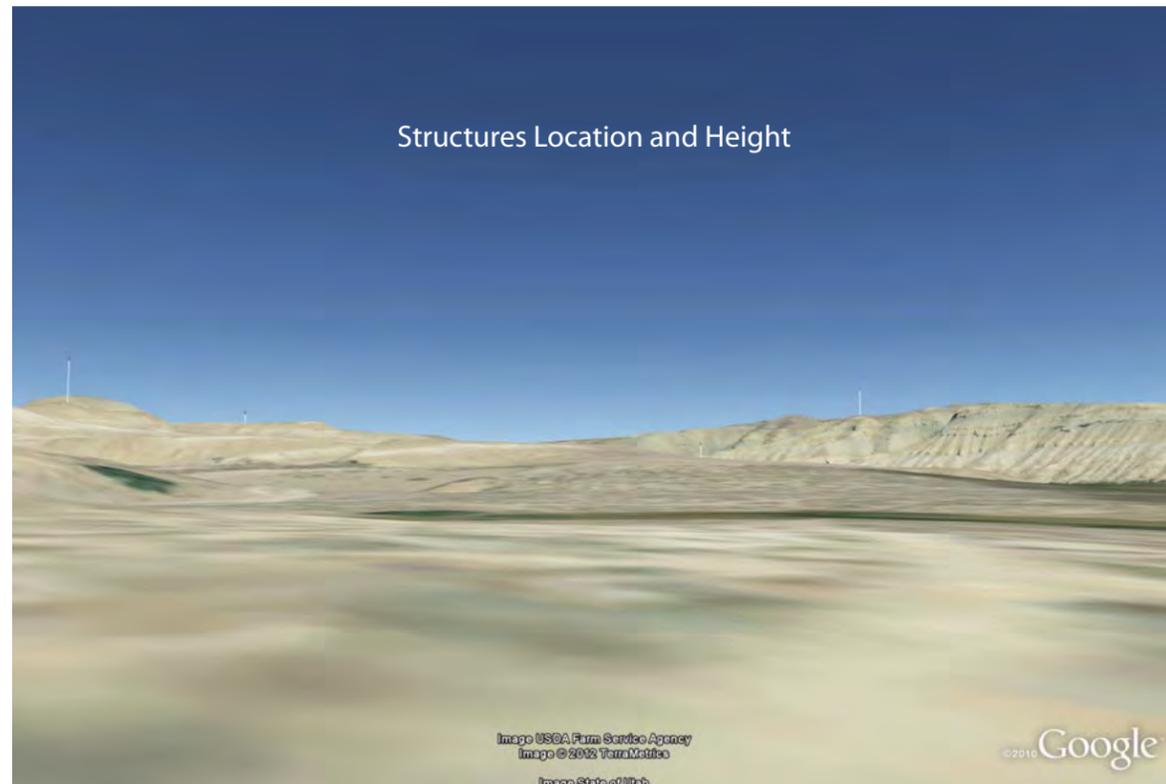
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-42
Lake Mead Boulevard (southbound)
(Segment 1630)





KOP Photograph



Structures Location and Height

Image USDA Farm Service Agency
Image © 2012 TerraMetrics
Image State of Utah

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Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 04/28/2014
District Southern Nevada DO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Pabco BLM Recreation Road</u> Township <u>21S</u> Range <u>63E</u> Section <u>4</u>	5. Location Sketch Please see Figure 3.12-4
2. Key Observation Point LV-43		
3. VRM Class III (VRI Class III)		

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Rolling hills and angular mountains. Planar water.	Clumps of desert shrubs and grasses.	
LINE	Curvilinear and angular ridgelines. Horizontal water.	Irregular shrubs and grass patterns.	
COLOR	Light to medium reddish tan and grey.	Dark brown and tan desert shrubs and grasses.	
TEXTURE	Smooth to medium landform.	Smooth, medium and coarse.	

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form													X	Evaluator's Names M. Paulson Date 04/28/2014
Line													X	
Color													X	
Texture													X	

Rationale:

Where the Project would be located within 0.5 mile of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III management objectives. Mitigation measures (VR-1, VR-3, VR-4, VR-5, VR-7, VR-9, VR-10, and VR-12) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 mile away from viewer locations.

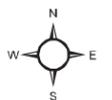
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



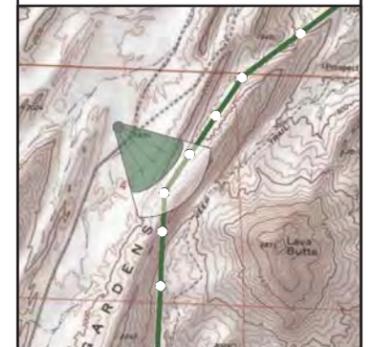
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP LV-43
Pabco BLM Recreation Rd.
(Segment 1660)





Project Location



KOP Location



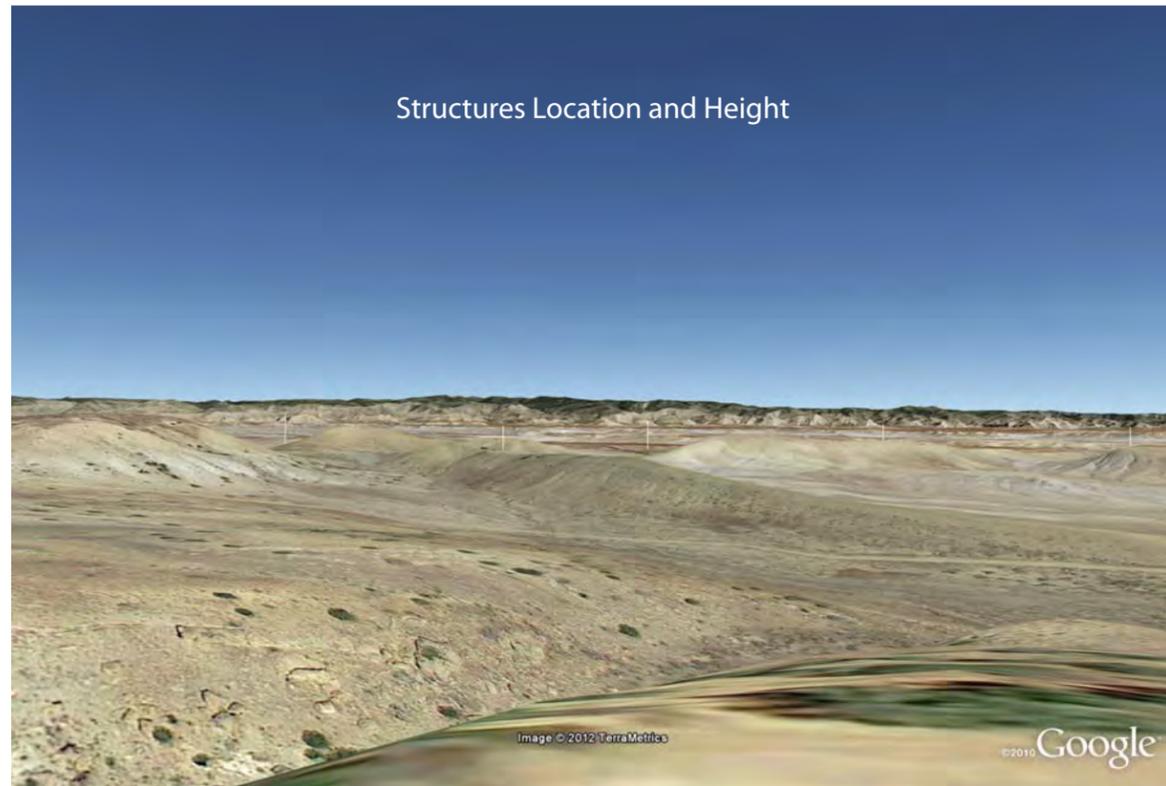
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP LV-43
Simulated Condition
(Segment 1660)





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 07/26/2011

District Moab FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location I-70 Scenic Overlook	5. Location Sketch Please see Figure 3.12-2
2. Key Observation Point M-1	Overlook Township 19S	
3. VRM Class III (VRI Class III)	Range 25E Section 2	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar ridgeline. Irregular and rounded background mesas. Rolling valley ridges.	Scattered clumps of trees, grasses and forbs.	NA
LINE	Horizontal ridgeline.	Irregular edges of trees, shrubs and grasses.	NA
COLOR	Light to medium light to medium brown and grey rock and soil.	Light tan to medium reddish browns.	NA
TEXTURE	Smooth to coarse landforms.	Smooth, moderate and coarse.	NA

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form									X				Evaluator's Names M. Paulson	Date 01/04/13
Line									X					
Color											X			
Texture											X			

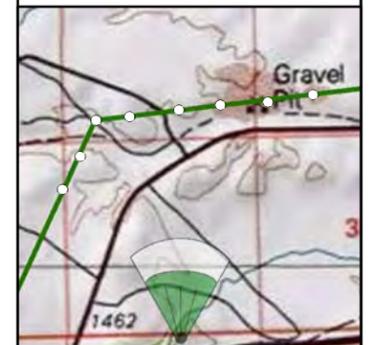
Rationale:

Where the Project would be located within 0.5 mile of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III management objectives. Mitigation measures (VR-1, VR-3, VR-4, VR-5, VR-7, VR-9, VR-10, and VR-12) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 mile away from viewer locations.

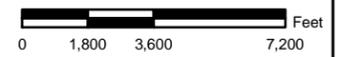
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP M-1
I-70 Scenic Overlook
(Segment 1220)

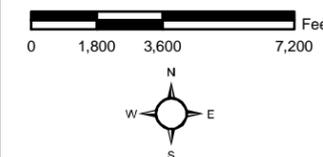




Project Location



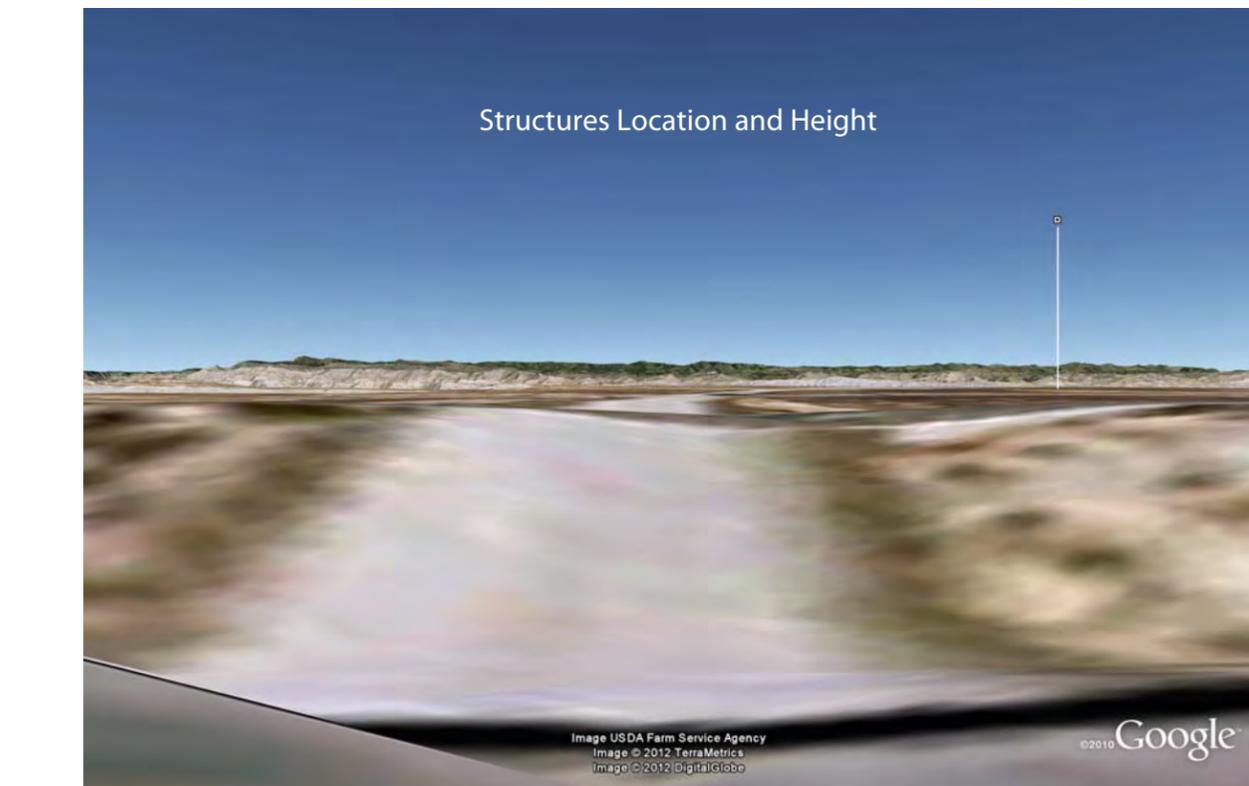
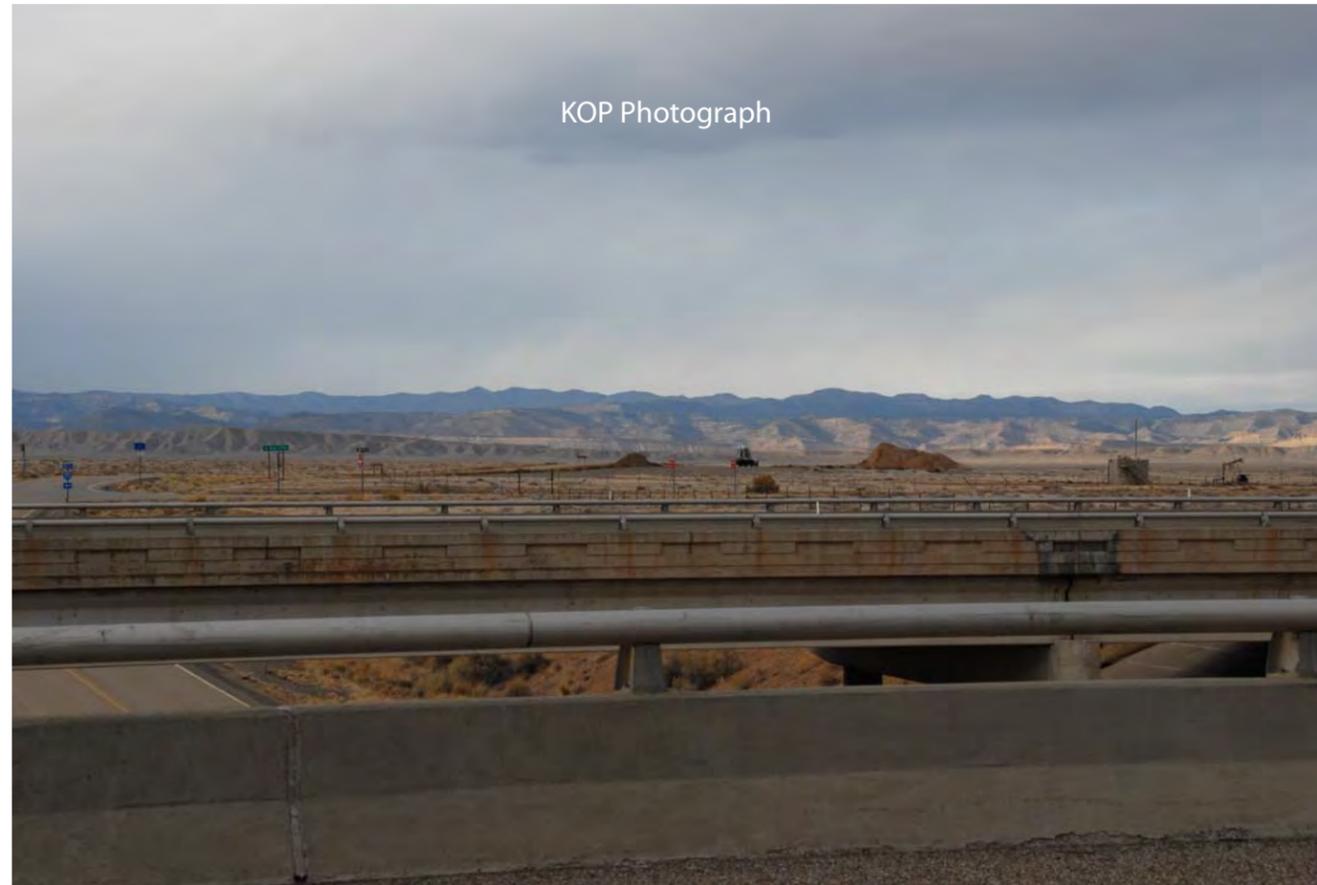
KOP Location



**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP M-1
Simulated Condition
(Segment 1220)





Form 8400-4 (September 1985)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Visual Contrast Rating Worksheet

Date 07/26/2011

District Moab FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express

2. Key Observation Point: M-2

3. VRM Class: IV (VRM Class III)

4. Location: I-70, Dinosaur Diam. Inters., Township 20S, Range 24E, Section 29

5. Location Sketch: Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar ridgeline. Irregular and rounded background mesas. Rolling valley ridges.	Scattered clumps of grasses and forbs.	Foreground paved roadway.
LINE	Horizontal ridgeline.	Irregular edges of shrubs and grasses.	Horizontal.
COLOR	Light to medium light to medium brown and grey rock and soil. Light grey water.	Light tan to medium greens and browns.	Light to medium grey.
TEXTURE	Smooth to coarse landforms.	Smooth, moderate and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

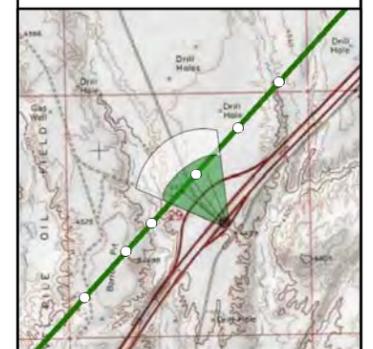
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)			
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)		
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None				
Form													X			Evaluator's Names: M. Paulson Date: 07/22/2011
Line														X		
Color														X		
Texture														X		



Project Location



KOP Location

0 1,450 2,900 5,800 Feet

N
W E
S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP M-2
Interstate 70
Dinosaur Diamond Intersection
(Segment 1220)

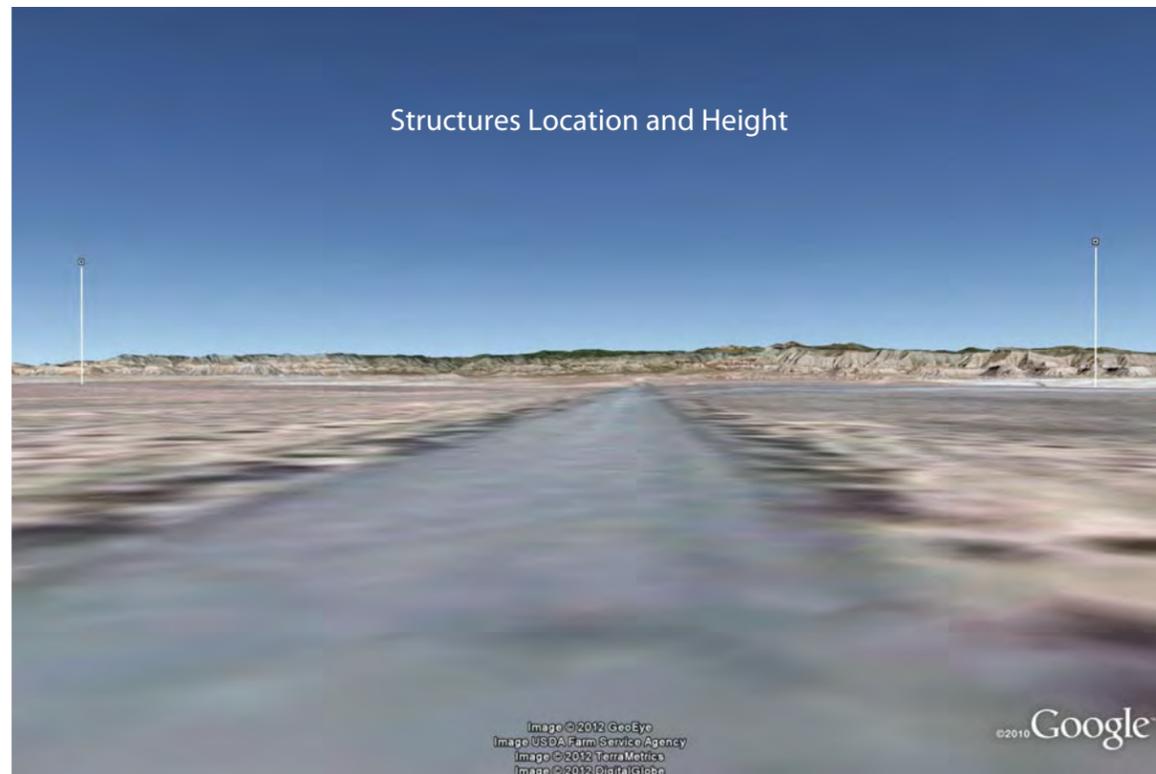


Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



KOP Photograph



Structures Location and Height

Image © 2012 GeoEye
 Image © 2012 Farm Service Agency
 Image © 2012 TerraMetrics
 Image © 2012 DigitalGlobe

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Form 8400-4
(September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 07/26/2011

District Moab FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Old Spanish Trail</u>	5. Location Sketch Please see Figure 3.12-2
2. Key Observation Point M-4	Trail Township <u>21S</u>	
3. VRM Class III	Range <u>23E</u>	
	Section <u>21</u>	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar ridgeline. Irregular and rounded background mesas. Rolling valley ridges.	Scattered clumps of grasses and forbs.	Foreground paved roadway and parking area.
LINE	Horizontal ridgeline.	Irregular edges of shrubs and grasses.	Horizontal and curvilinear.
COLOR	Light to medium light to medium brown and grey rock and soil.	Light tan to medium greens and browns.	Light to medium reddish grey and brown.
TEXTURE	Smooth to coarse landforms.	Smooth, moderate and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Explain on reverse side)		
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None			
Form													x	Evaluator's Names M. Paulson	Date 07/22/2011
Line													x		
Color													x		
Texture													x		

Rationale:

Where the Project would be located within 0.5 mile of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III management objectives. Mitigation measures (VR-1, VR-3, VR-4, VR-5, VR-7, VR-9, VR-10, and VR-12) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 mile away from viewer locations.

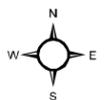
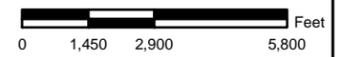
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP M-4
Old Spanish Trail
(Segment 1220)

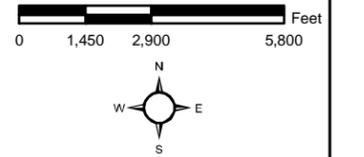




Project Location



KOP Location



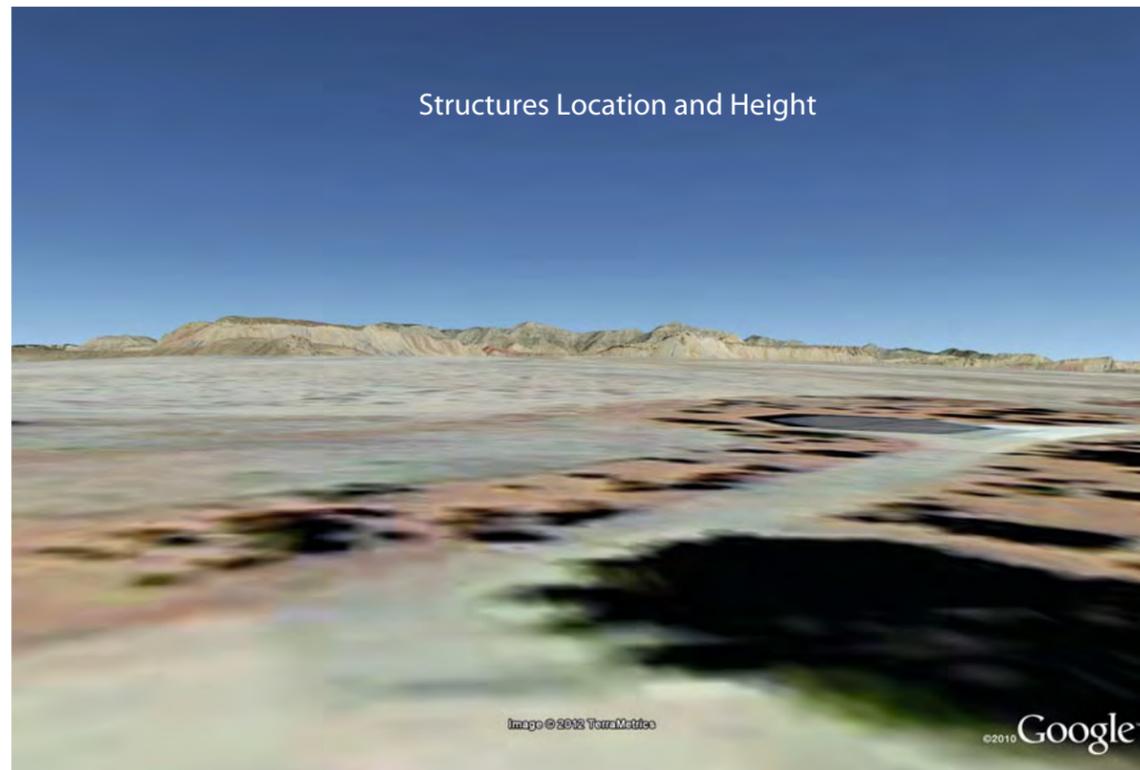
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP M-4
Simulated Condition
(Segment 1220)





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 07/28/2011

District **Moab FO**

Resource Area _____

Activity (program) _____

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>UDOT I-70 (WB)</u> <u>Township 21S</u> <u>Range 20E</u> <u>Section 26</u>	5. Location Sketch Please see Figure 3.12-2
--------------------------------------	---	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Irregular mesas, erosion patterns and conical form in foreground. Planar valley floor.	Scattered clumps of grasses and forbs.	Prominent linear railroad.
LINE	Horizontal and irregular mesas, meandering edges of flat valley floor.	Irregular edges of grasses.	Horizontal railroad and vertical poles.
COLOR	Light to medium light to medium brown and grey rock and soil. Light grey water.	Light tan to medium and dark brown.	Dark brown rail bed and medium brown poles.
TEXTURE	Smooth to coarse landforms.	Smooth, moderate and coarse.	Smooth.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)		
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)						
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None			
Form													X		Evaluator's Names M. Paulson Date 01/04/13
Line													X		
Color														X	
Texture														X	

3. Additional mitigating measures recommended Yes No (Explain on reverse side)

Rationale:

The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

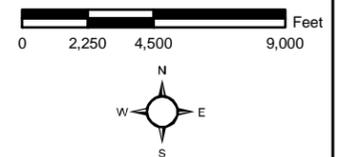
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



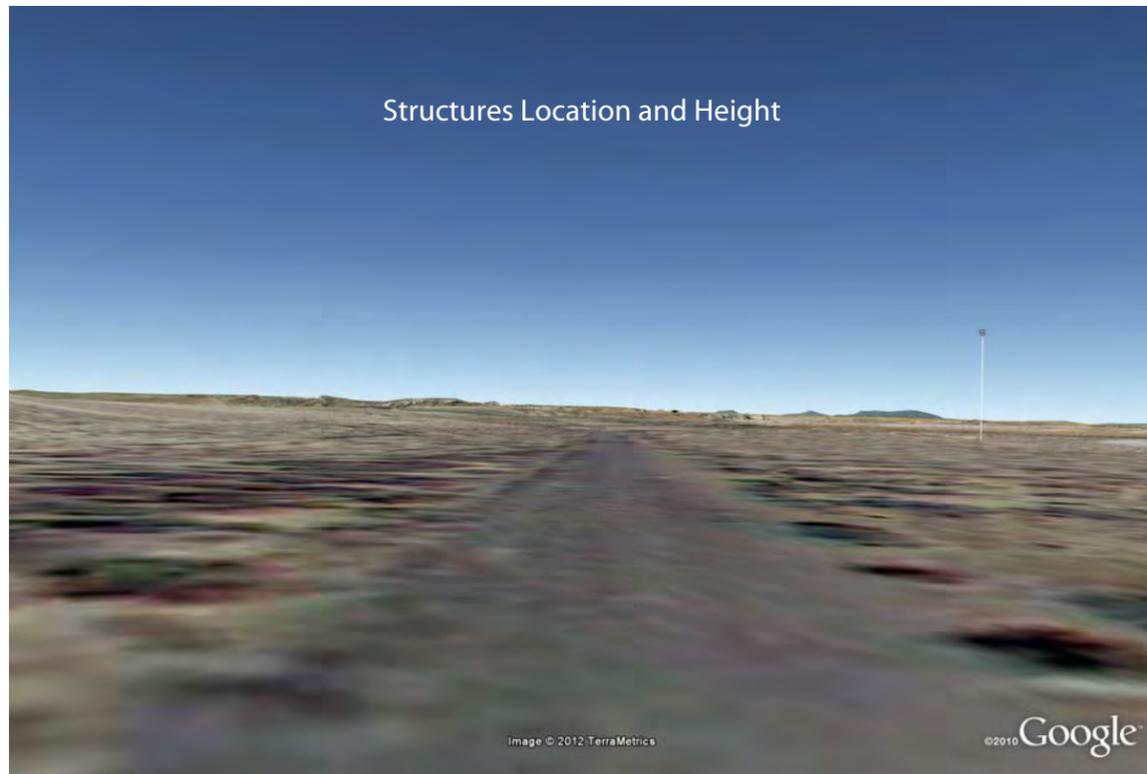
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP M-7
U.S. Dept of Transportation
I-70 (westbound)
(Segment 1220)





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 07/26/2011
District Moab FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location_Sego Canyon Rd. (SB)	5. Location Sketch Please see Figure 3.12-2
2. Key Observation Point M-8	Township_21S	
3. VRM Class Private	Range_20E Section_16	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Irregular and rounded mesa. Rolling valley ridges.	Scattered clumps of grasses and forbs.	Foreground roadway.
LINE	Horizontal and irregular mesa, and edges of valley ridges and wash.	Irregular edges of shrubs and grasses.	Horizontal and curvilinear.
COLOR	Light to medium light to medium brown and grey rock and soil.	Light tan to medium and dark greens and browns.	Light to medium reddish brown.
TEXTURE	Smooth to coarse landforms.	Smooth, moderate and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

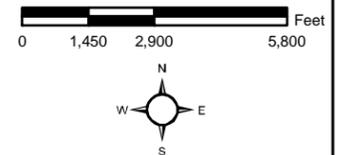
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form													X	Evaluator's Names M. Paulson Date 01/04/13
Line													X	
Color													X	
Texture													X	



Project Location



KOP Location



TRANSWEST EXPRESS TRANSMISSION PROJECT

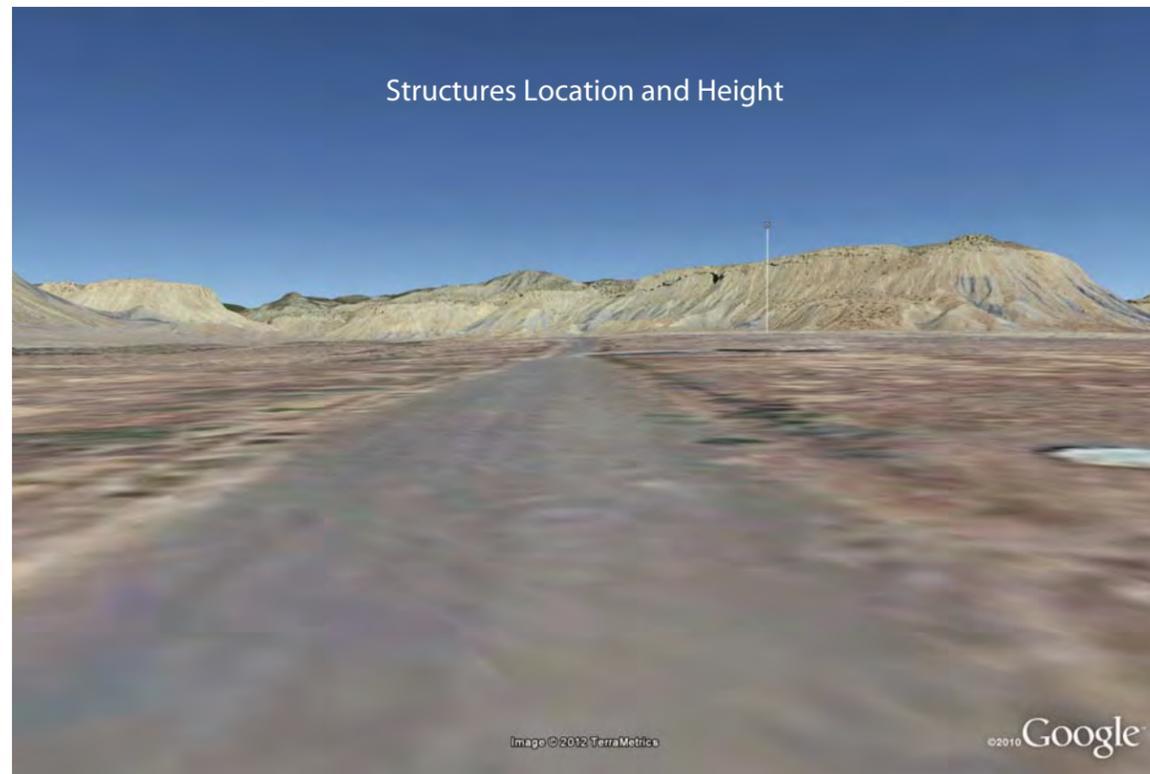
KOP M-8
Sego Canyon Road
(southbound)
(Segment 1220)



Rationale:
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 07/26/2011

District Moab FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location_Sego Canyon Road (NB)	5. Location Sketch Please see Figure 3.12-2
2. Key Observation Point M-9	Township_21S	
3. VRM Class Private	Range_20E Section_21	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Irregular mesas and erosion patterns. Rolling valley ridges.	Scattered clumps of grasses and forbs.	Foreground paved roadway and cuboid historic school structure. Cell towers in midground.
LINE	Horizontal and irregular mesa, and edges of valley ridges.	Irregular edges of shrubs and grasses.	Horizontal and curvilinear road and horizontal and vertical structures.
COLOR	Light to medium light to medium brown and grey rock and soil.	Light tan to medium and dark greens and browns.	Light to medium grey, white, green and brown.
TEX-TURE	Smooth to coarse landforms.	Smooth, moderate and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

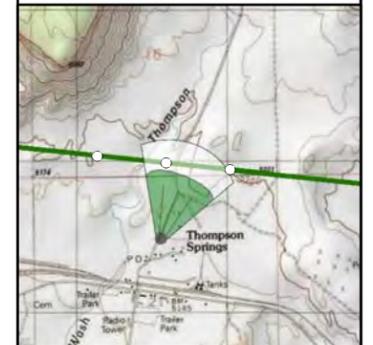
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

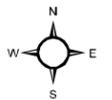
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form											X		Evaluator's Names M. Paulson	Date 01/04/13
Line										X				
Color										X				
Texture											X			



Project Location



KOP Location



TRANSWEST EXPRESS TRANSMISSION PROJECT

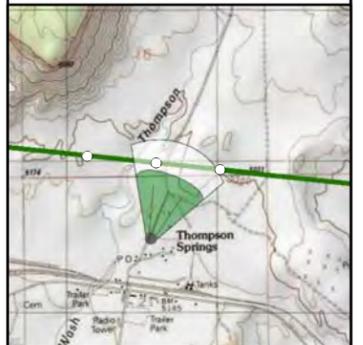
KOP M-9
Sego Canyon Road
(northroad)
(Segment 1220)



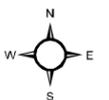
Rationale:
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



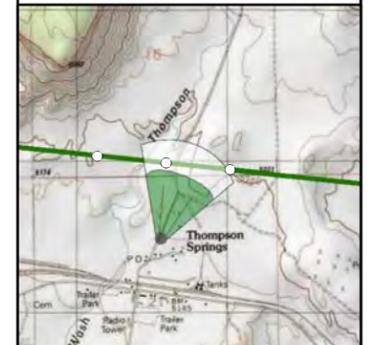
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP M-9
Simulated Condition
(Segment 1220)





Project Location



KOP Location



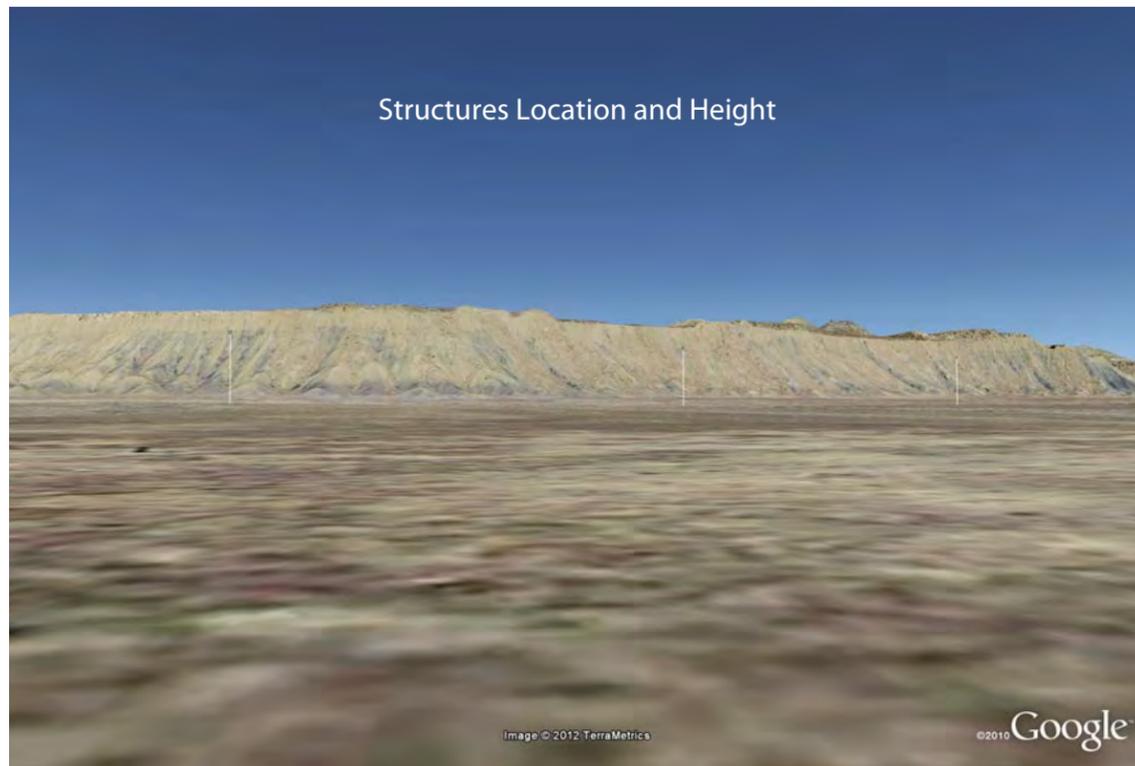
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP M-9
Cumulative Condition
(Segment 1220)





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 07/26/2011
District Moab FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Old Spanish</u> Trail (Road) Township <u>21S</u> Range <u>19E</u> Section <u>26</u>	5. Location Sketch Please see Figure 3.12-2
2. Key Observation Point M-10		
3. VRM Class IV (VRI Class III)		

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Irregular mesas and erosion patterns. Planar valley floor.	Scattered clumps of grasses and forbs.	Prominent linear railroad.
LINE	Horizontal and irregular mesas, and edges of flat valley floor.	Irregular edges of grasses.	Horizontal railroad and vertical poles.
COLOR	Light to medium light to medium brown and grey rock and soil.	Light tan to medium and dark brown.	Dark grey rail bed and medium brown poles.
TEXTURE	Smooth to coarse landforms.	Smooth, moderate and coarse.	Smooth.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

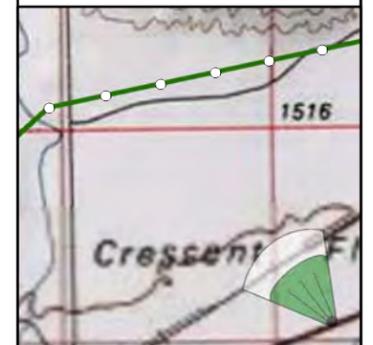
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

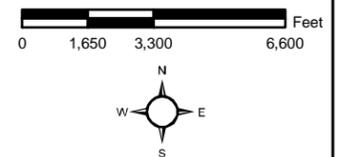
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)				
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)									
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None						
Elements	Form																Evaluator's Names M. Paulson	Date 01/04/13
	Line																	
	Color																	
	Texture																	



Project Location



KOP Location



TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP M-10
Old Spanish Trail
(Road)
(Segment 1220)



Rationale:

The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 07/28/2011

District Moab FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>UDOT I-70</u> <u>(EB)</u> Township <u>21S</u> Range <u>19E</u> Section <u>33</u>	5. Location Sketch Please see Figure 3.12-2
--------------------------------------	---	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Irregular mesas, erosion patterns and production pit form in foreground. Planar valley floor.	Scattered clumps of grasses and forbs.	Prominent cylindrical oil facility tanks and railroad bed in foreground. Cylindrical electrical poles in midground.
LINE	Horizontal and irregular mesas, meandering edges of flat valley floor.	Irregular edges of grasses.	Horizontal and vertical tanks, railroad and poles.
COLOR	Light to medium light to medium brown and grey rock and soil.	Light tan to medium and dark brown.	Medium olive green tanks, dark brown rail bed and medium brown poles.
TEXTURE	Smooth to coarse landforms.	Smooth, moderate and coarse.	Smooth.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)		
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None			
Elements														Evaluator's Names M. Paulson	Date 01/04/13

Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

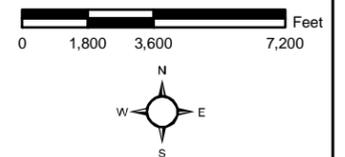
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



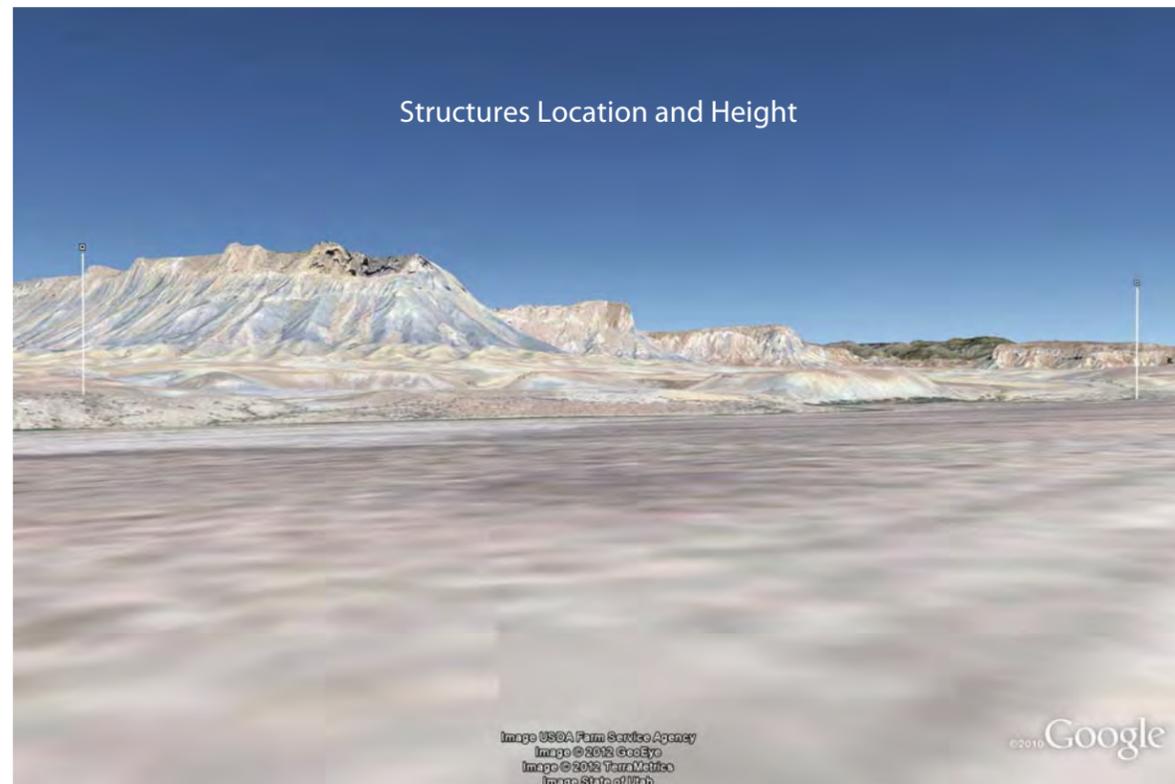
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP M-11
U.S. Dept. of Transportation
I-70 (eastbound)
(Segment 1220)





KOP Photograph



Structures Location and Height

Image USA Farm Service Agency
Image © 2012 Google
Image © 2012 TransWest
Image State of Utah

©2011 Google

Form 8400-4
(September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 07/25/2011
District Moab FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Floy Wash Rd. (SB)</u> Township <u>22S</u> Range <u>18E</u> Section <u>4</u>	5. Location Sketch Please see Figure 3.12-2
--------------------------------------	--	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Irregular horizontal topography.	Scattered clumps of shrubs and grasses.	Prominent planar road.
LINE	Horizontal and irregular shapes.	Irregular shrubs and grasses.	Horizontal road.
COLOR	Light to medium light to medium brown and grey rock and soil.	Light to medium green and brown shrubs and grasses.	Light to medium brown roadways.
TEXTURE	Smooth to medium landforms.	Smooth, moderate and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form													x	Evaluator's Names M. Paulson Date 07/22/2011
Line													x	
Color													x	
Texture													x	

Rationale:

The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

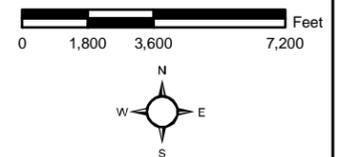
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



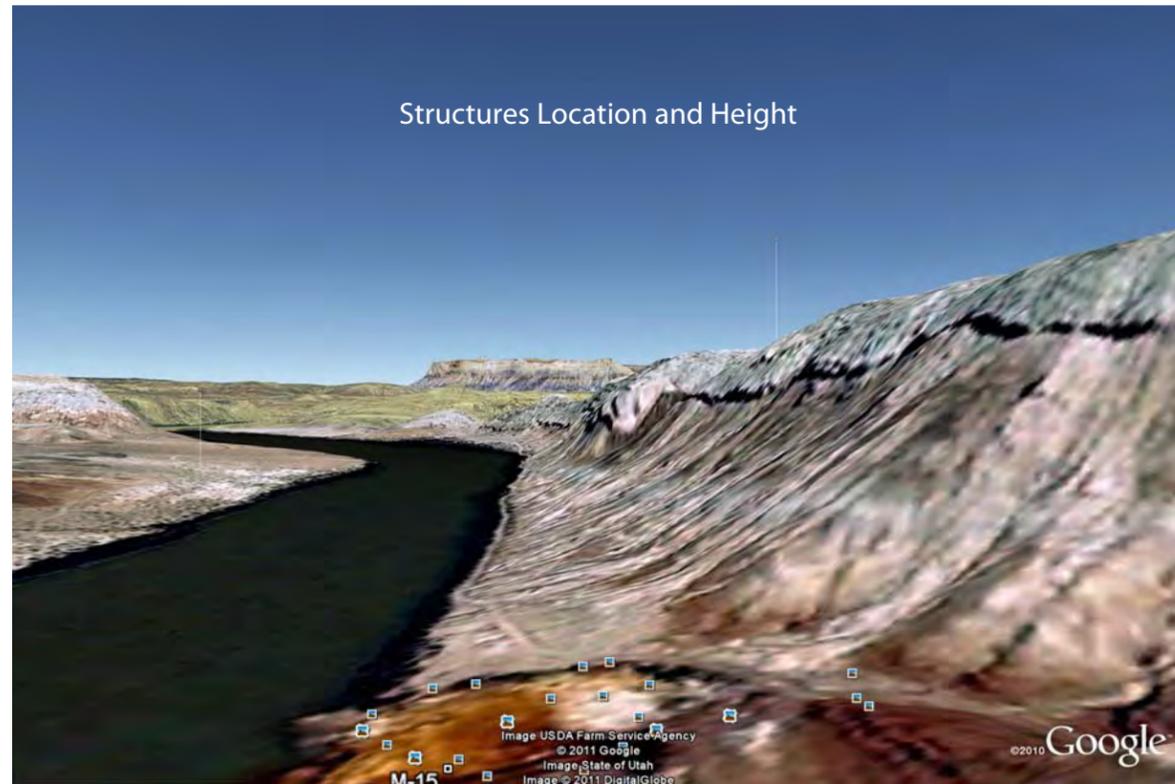
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP M-12
Floy Wash Road
(southbound)
(Segment 1220)





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/28/2011

District Moab FO

Resource Area _____

Activity (program) _____

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Green Rv.</u> <u>Crystal Geyser Recr. Ar.</u> <u>Township 21S</u> <u>Range 16E</u> <u>Section 34</u>	5. Location Sketch Please see Figure 3.12-2
2. Key Observation Point M-15		
3. VRM Class III (VRI Class II)		

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Irregular mesas, erosion patterns and production pit form in foreground. Planar river surface and geyser area.	Amorphous riparian trees and shrubs. Scattered clumps of shrubs, grasses and forbs.	Planar roadway.
LINE	Horizontal and irregular mesas, meandering edges of river valley floor.	Irregular edges of riparian trees, shrubs, grasses.	Curvilinear roadway.
COLOR	Bluish grey water surface. Light to medium light to medium reddish brown and grey rock and soil.	Light to medium to dark olive green trees, shrubs, and grasses.	Light to medium tan to grey roadway.
TEXTURE	Smooth water to coarse landforms.	Smooth, moderate and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

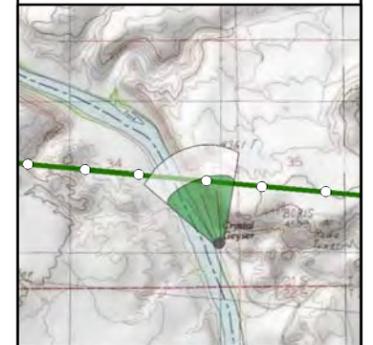
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

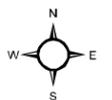
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Explain on reverse side)
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)				
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	
Form									X				3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
Line									X				
Color										X			
Texture										X			
Evaluator's Names		M. Paulson										Date	07/28/2011



Project Location



KOP Location



TRANSWEST EXPRESS TRANSMISSION PROJECT

**KOP M-15
Green River/Crystal Geyser
Recreation Area
(Segment 1220)**



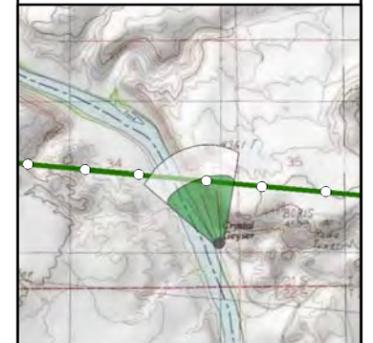
Rationale:

Where the Project would be located within 0.5 mile of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III management objectives. Mitigation measures (VR-1, VR-3, VR-4, VR-5, VR-7, VR-9, VR-10, and VR-12) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 mile away from viewer locations.

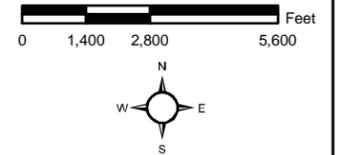
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



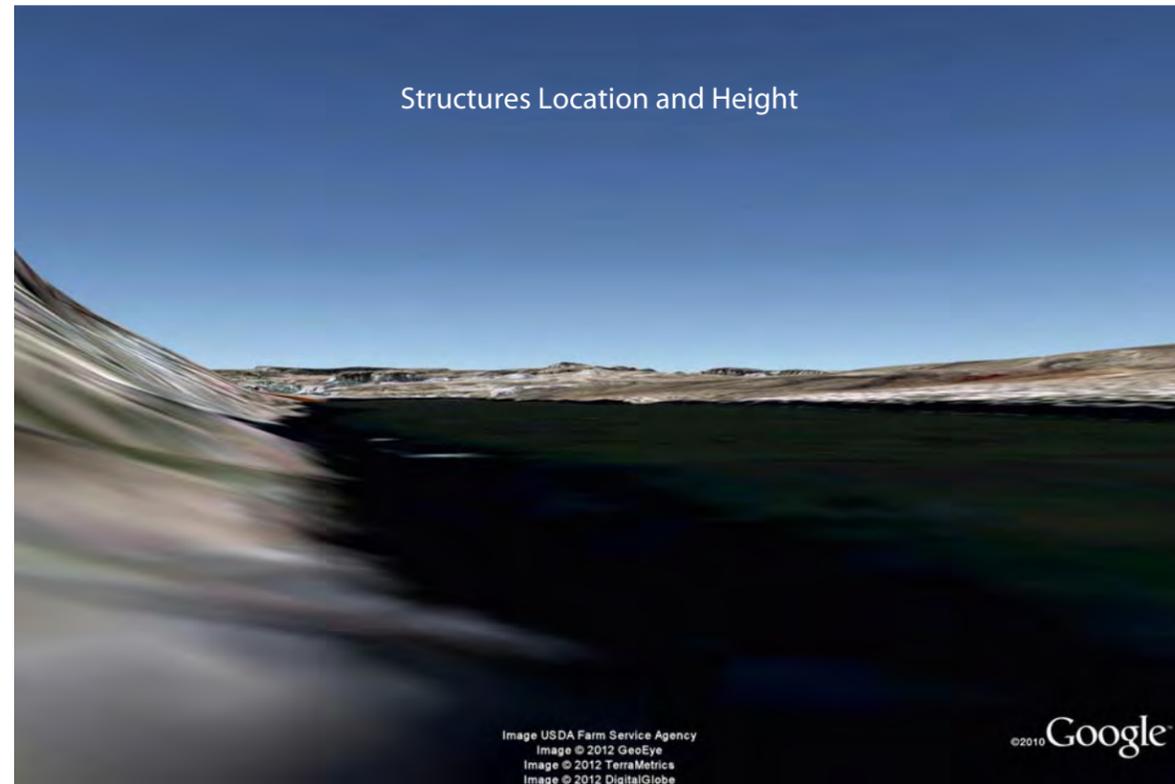
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP M-15
Simulated Condition
(Segment 1220)





KOP Photograph



Structures Location and Height

Image USDA Farm Service Agency
Image © 2012 GeoEye
Image © 2012 TerraMetrics
Image © 2012 DigitalGlobe

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Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 07/28/2011
District Price FO
Resource Area _____
Activity (program) _____

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Green River</u> Township <u>21S</u> Range <u>16E</u> Section <u>34</u>	5. Location Sketch Please see Figure 3.12-2
2. Key Observation Point P-1		
3. VRM Class III (VRI Class II)		

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Irregular mesas, erosion patterns and production pit form in foreground. Planar river surface and geyser area.	Amorphous riparian trees and shrubs. Scattered clumps of shrubs, grasses and forbs.	Planar H-frame 345-kV transmission line
LINE	Horizontal and irregular mesas, meandering edges of river valley floor.	Irregular edges of riparian trees, shrubs, grasses.	Horizontal and vertical 345-kV transmission line
COLOR	Bluish grey water surface. Light to medium light to medium reddish brown and grey rock and soil.	Light to medium to dark olive green trees, shrubs, and grasses.	Medium to dark brown 345-kV transmission line.
TEXTURE	Smooth water to coarse landforms.	Smooth, moderate and coarse.	Smooth

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form											X		Evaluator's Names M. Paulson	Date 07/28/2011
Line											X			
Color											X			
Texture											X			

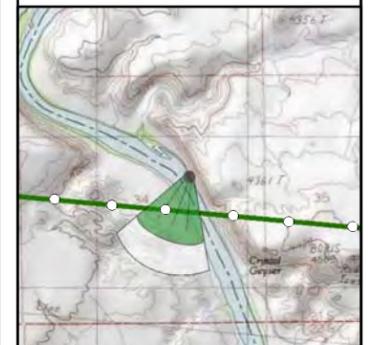
Rationale:

Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objectives. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-4, VR-6, and VR-7) would further reduce contrasts.

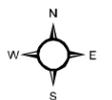
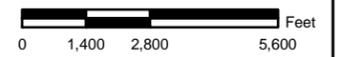
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



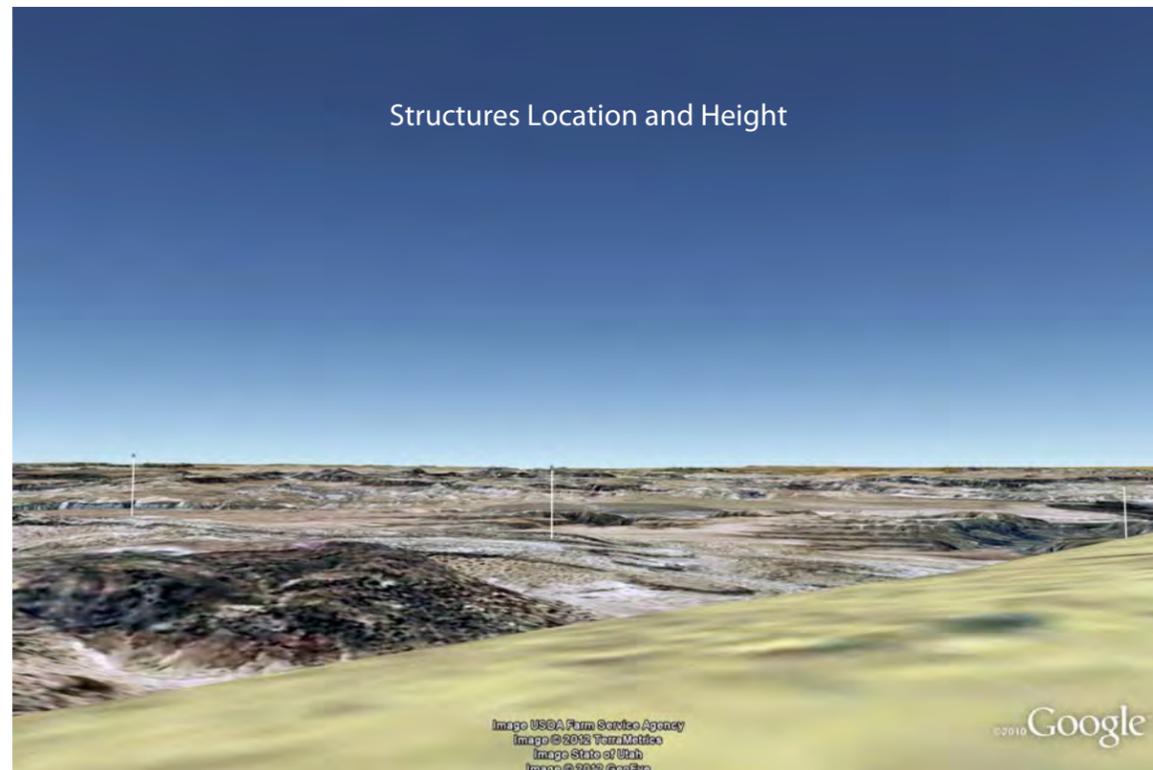
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP P-1
Green River
(Segment 1220)





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 07/25/2011

District Price FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Green River</u> Overlook Township <u>21S</u> Range <u>16E</u> Section <u>33</u>	5. Location Sketch Please see Figure 3.12-2
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SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Irregular mesas and river. Planar valley floor.	Scattered clumps of shrubs. Organic surfaces of riparian in background.	Planar 345-kV poles and crossarms.
LINE	Horizontal and irregular mesas, meandering edges of flat valley floor.	Irregular and curvilinear riparian. Indistinct shrubs.	Vertical structures, arced conductors.
COLOR	Light to medium light to medium brown and grey rock and soil. Light grey water.	Light to medium olive green trees and shrubs.	Medium brown poles.
TEXTURE	Smooth water to coarse landforms.	Smooth, moderate and coarse.	Smooth.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)		
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None			
Form													x	Evaluator's Names M. Paulson	Date 07/22/2011
Line													x		
Color													x		
Texture													x		

Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

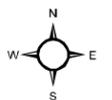
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



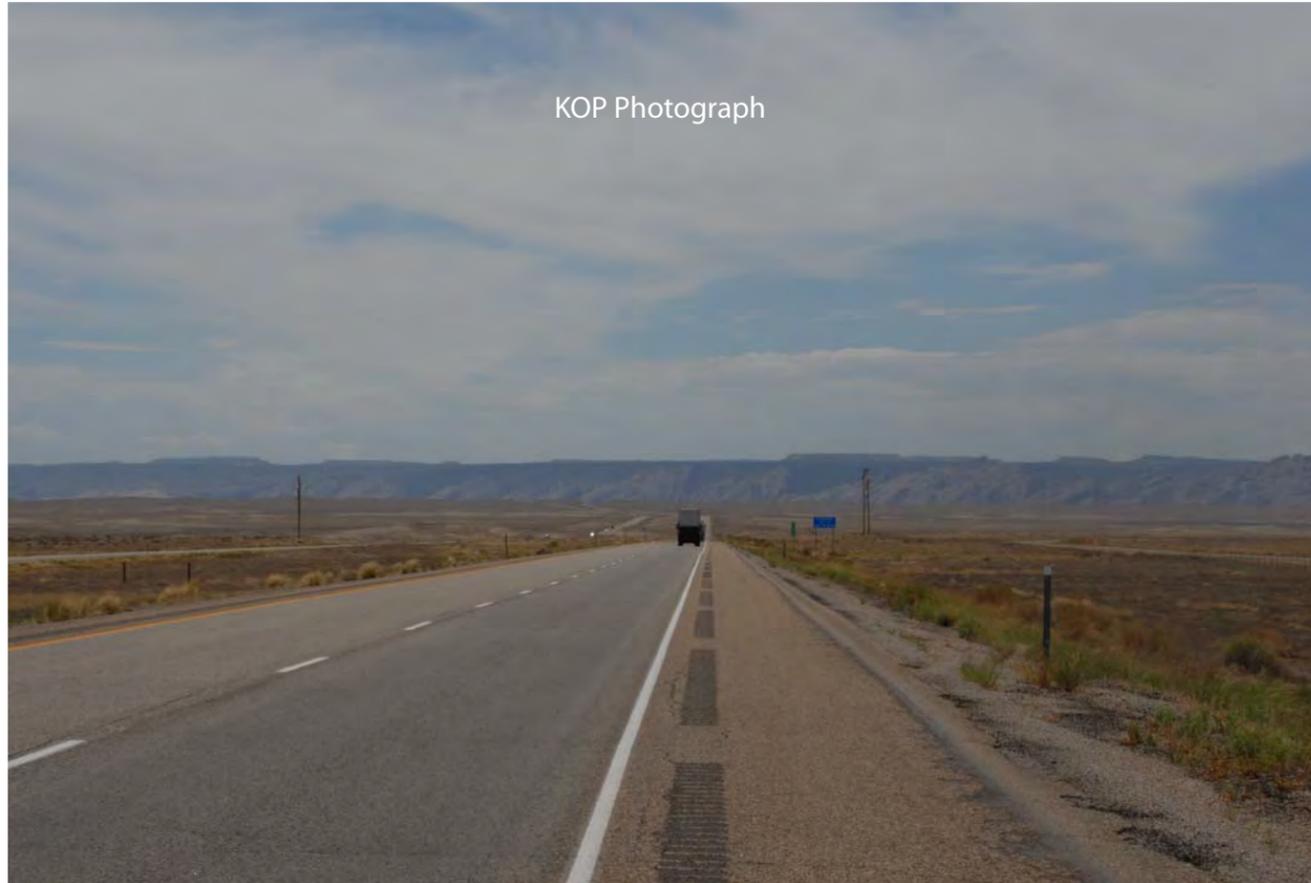
KOP Location



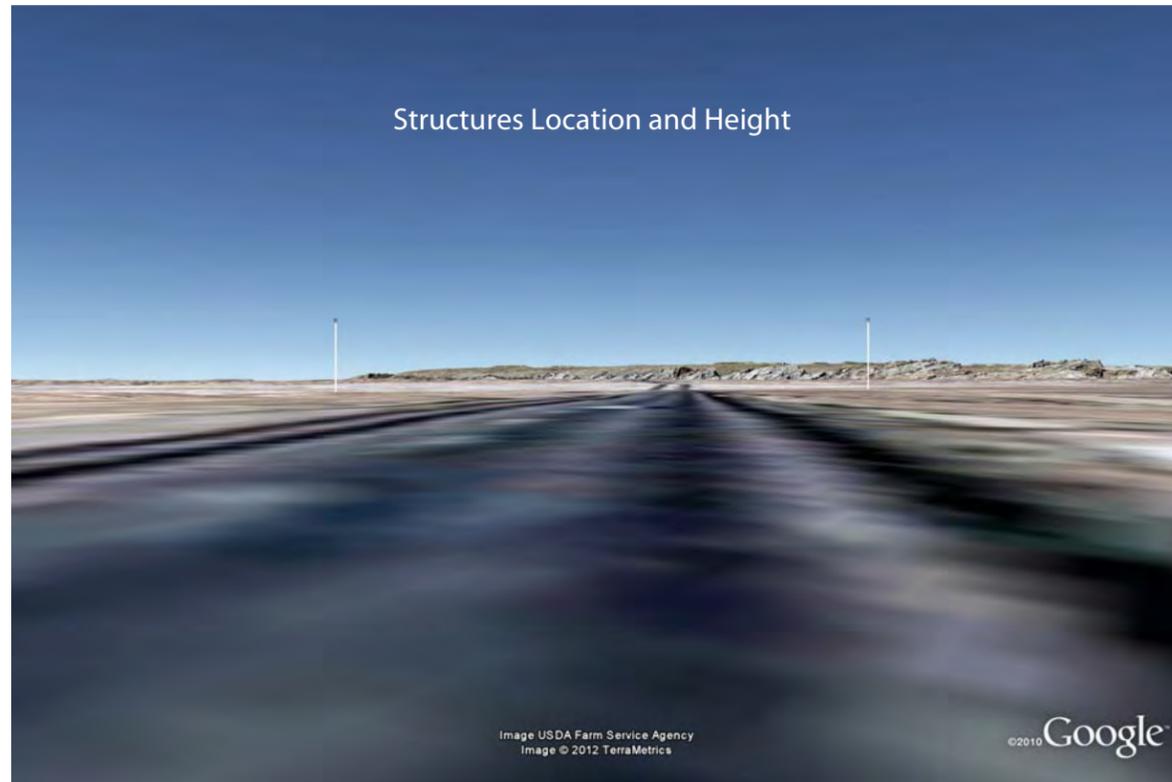
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP P-2
Green River Overlook
(Segment 1220)





KOP Photograph



Structures Location and Height

Image USDA Farm Service Agency
Image © 2012 TerraMetrics

©2010 Google

Form 8400-4
(September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 07/25/2011

District Price FO

Resource Area _____

Activity (program) _____

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>I-70 (WB)</u> Township <u>21S</u> Range <u>15E</u> Section <u>22</u>	5. Location Sketch Please see Figure 3.12-2
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SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Irregular horizontal mesas and planar valley floor.	Scattered clumps of shrubs and grasses.	Prominent planar roadways. Planar 345-kV poles and crossarms.
LINE	Horizontal and irregular mesas, horizontal valley floor.	Irregular shrubs and grasses.	Horizontal roadways. Vertical structures, arced conductors.
COLOR	Light to medium light to medium brown and grey rock and soil.	Light to medium brown shrubs and grasses.	Light to medium grey roadways. Medium brown poles.
TEXTURE	Smooth to medium landforms.	Smooth, moderate and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form													Evaluator's Names M. Paulson	Date 07/22/2011
Line														
Color														
Texture														

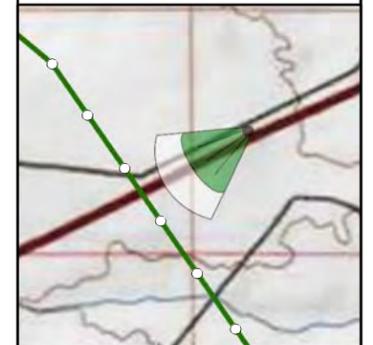
Rationale:

Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objectives. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-4, VR-6, and VR-7) would further reduce contrasts.

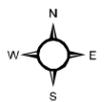
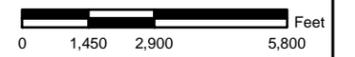
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP P-3
Interstate 70
(westbound)
(Segment 1220)





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 07/25/2011

District Price FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location Cedar Mt. Scenic Overlook Township 19S Range 11E Section 13	5. Location Sketch Please see Figure 3.12-2
--------------------------------------	---	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Complex and irregular canyons. Planar valley floor. Irregular geology in foreground.	Organic clumps and surfaces of pinyon-juniper, shrubs and grasses.	Cylindrical 345-kV poles.
LINE	Horizontal and irregular, wide flat valley floor. Curvilinear canyons.	Irregular edges of riparian, shrubs and grasses.	Vertical and horizontal.
COLOR	Light to medium light to medium brown rock and soil.	Light to medium to dark olive green riparian and shrubs. Light tan to green grasses.	Medium brown poles.
TEXTURE	Smooth to coarse landforms.	Smooth, moderate and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

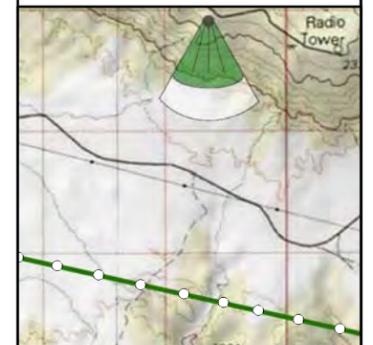
SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)						
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None			
Form								X	X					Evaluator's Names M. Paulson	Date 07/22/2011
Line								X	X						
Color								X	X						
Texture								X		X					

Rationale:
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

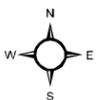


Project Location



KOP Location

0 2,875 5,750 11,500 Feet



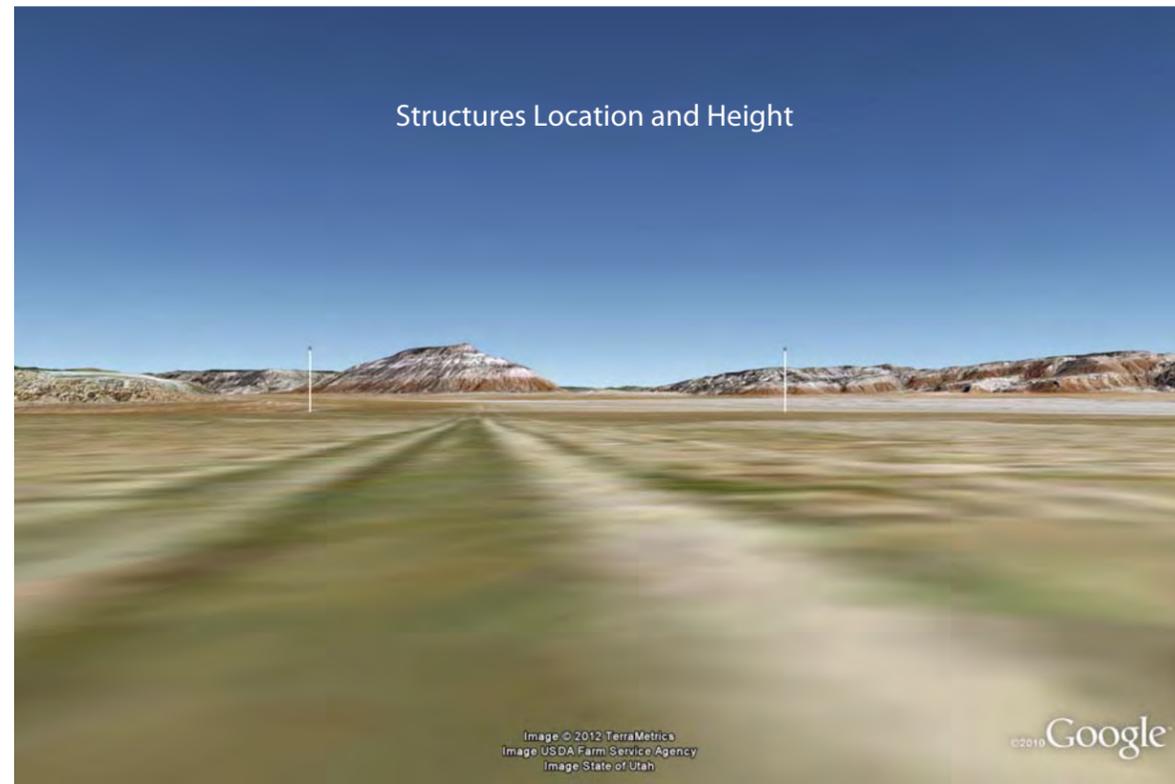
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP P-7
Cedar Mountain
Scenic Overlook
(Segment 1225.2)





KOP Photograph



Structures Location and Height

Image © 2012 TerraMetrics
Image USDA Farm Service Agency
Image State of Utah

©2010 Google

Form 8400-4
(September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 07/25/2011
District Price FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Wedge Overlook Scenic Bkwy</u> <u>Township 19S</u> <u>Range 10E</u> <u>Section 22</u>	5. Location Sketch Please see Figure 3.12-2
2. Key Observation Point P-9		
3. VRM Class III (VRI Class III)		

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Prominent mesas. Planar valley floor.	Organic clumps and surfaces of shrubs and grasses.	Planar roadway. Cubed structures.
LINE	Horizontal and irregular mesas, wide flat valley floor.	Irregular edges of shrubs and grasses.	Horizontal and curvilinear roadway. Horizontal and vertical structures.
COLOR	Light to medium light to medium brown rock and soil.	Light to medium olive green shrubs. Light tan to green grasses.	Light to medium brown roadway. White structures.
TEX- TURE	Smooth to coarse landforms.	Smooth, moderate and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX- TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Explain on reverse side)	3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)		
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)							
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None				
Form			X					X	X						Evaluator's Names M. Paulson	Date 07/25/2011
Line			X					X		X						
Color			X					X	X							
Texture			X					X	X							

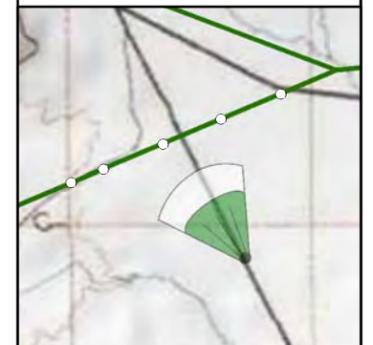
Rationale:

Where the Project would be located within 0.5 mile of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III management objectives. Mitigation measures (VR-1, VR-3, VR-4, VR-5, VR-7, VR-9, VR-10, and VR-12) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 mile away from viewer locations.

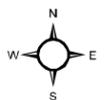
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP P-9
Wedge Overlook
Scenic Backway
(Segment 1225.2)





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/24/2011

District Price FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Huntington State Park</u> Township <u>17S</u> Range <u>9E</u> Section <u>17</u>	5. Location Sketch Please see Figure 3.12-2
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SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular mountain mesas. Inclined planar side slopes. Rolling valley floor.	Organic clumps and surfaces of pinyon-juniper forest.	Cubed residential structures beyond the reservoir.
LINE	Angular mountain skyline, banded eroded side slopes.	Irregular edges of forest cover and foreground trees and shrubs.	Horizontal and vertical edges of structures.
COLOR	Light to medium light to medium brown rock and soil.	Medium to dark olive green forest.	Light to medium browns and white of structures.
TEX-TURE	Smooth landforms, coarse geology.	Medium pinyon-juniper forest.	Smooth structures.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form													x	Evaluator's Names: M. Paulson Date: 07/22/2011
Line													x	
Color													x	
Texture													x	

Rationale:

Where the Project would be located within 0.5 mile of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III management objectives. Mitigation measures (VR-1, VR-3, VR-4, VR-5, VR-7, VR-9, VR-10, and VR-12) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 mile away from viewer locations.

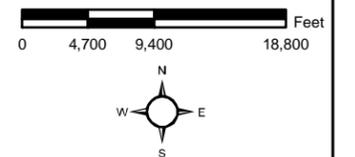
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



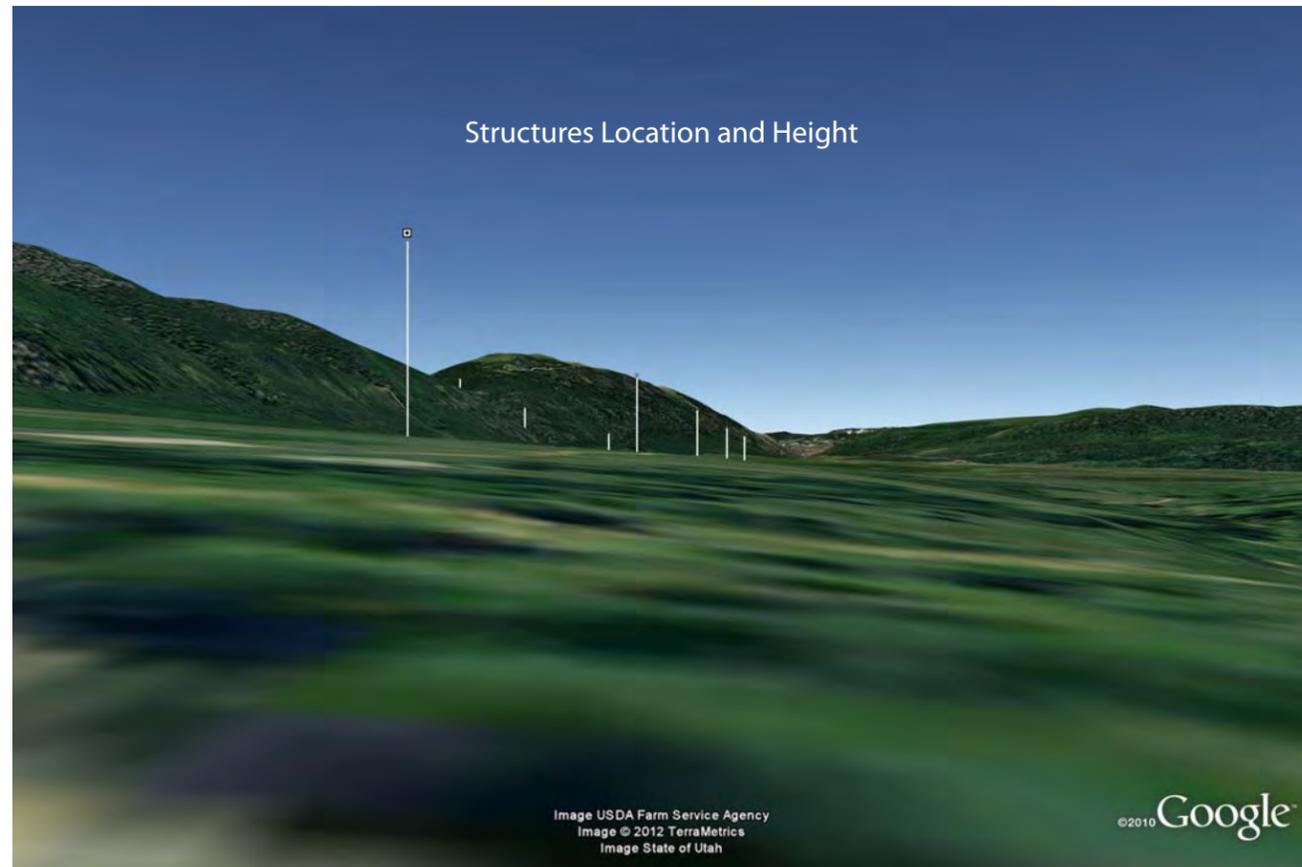
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-13
Huntington State Park
(Segments 1270)





KOP Photograph



Structures Location and Height

Image USDA Farm Service Agency
Image © 2012 TerraMetrics
Image State of Utah
©2010 Google

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 07/24/2011
District Price FO – Manti-LaSal NF
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Indian Cr. Campground</u> Township <u>16S</u> Range <u>6E</u> Section <u>10</u>	5. Location Sketch Please see Figure 3.12-2
--------------------------------------	---	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular mountain ridges – v-shaped narrow valley. Inclined planar side slopes.	Organic clumps and surfaces of aspen and spruce forest.	Strongly cylindrical wood poles and planar conductors.
LINE	Angular mountain skyline, angular side slopes and inclined valley floor.	Toothed skyline edges of forest.	Vertical and horizontal wood pole and crossarm elements and arced conductors.
COLOR	Light to medium light to medium brown rock and soil.	Light to medium to dark olive green forest. Light bluish-silvery sagebrush. Purplish blue lupine.	Medium to dark brown poles and light silver-grey conductors.
TEXTURE	Smooth landforms.	Coarse deciduous and coniferous forest.	NA

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Planar ROW clearing.	Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Horizontal ROW clearing.	Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Light greens and tans ROW clearing.	Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE		Smooth ROW clearing.	Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

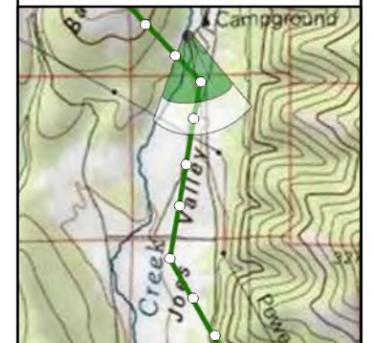
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form					X				X				Evaluator's Names M. Paulson Date 07/22/2011	
Line						X					X			
Color					X						X			
Texture						X								

Rationale:
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would be consistent with Moderate SIO or Partial Retention VQO management objectives. Mitigation measures (VR-1, VR-3, VR-5, VR-7, VR-9, VR-10, and VR-12) would further reduce contrasts.

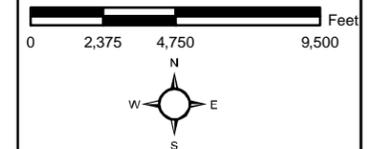
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



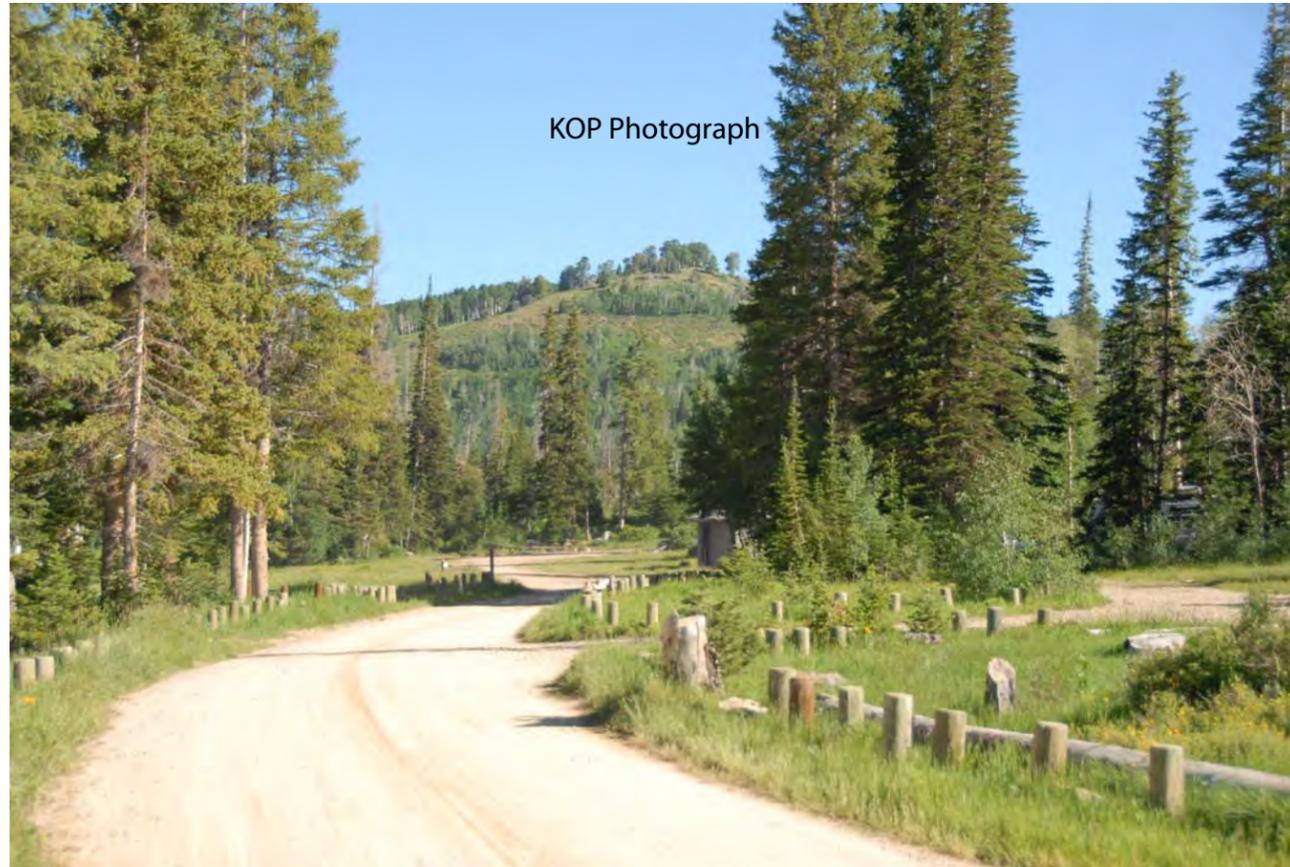
KOP Location



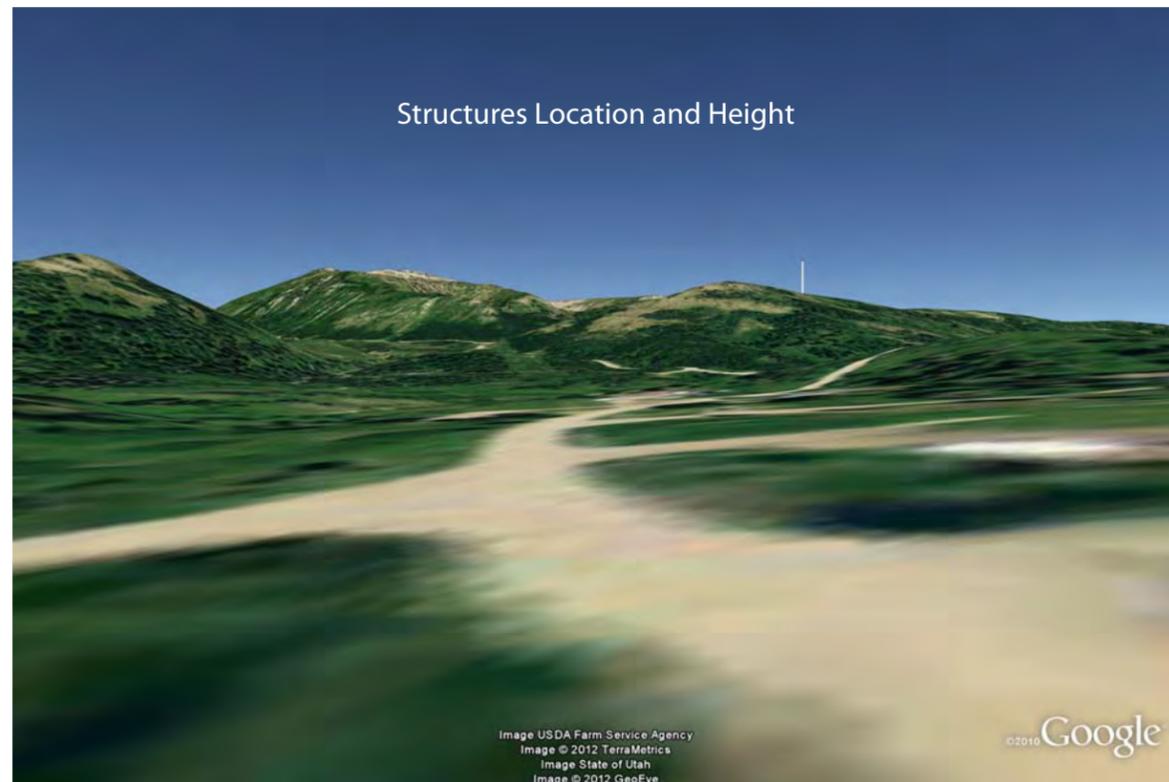
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-16
Indian Creek Campground
(Segment 1310)





KOP Photograph



Structures Location and Height

Image USDA Farm Service Agency
Image © 2012 TerraMetrics
Image State of Utah
Image © 2012 GeoEye

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Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 07/24/2011

District Manti-LaSal NF

Resource Area _____

Activity (program) _____

SECTION A. PROJECT INFORMATION

1. Project Name <u>TransWest Express</u>	4. Location <u>Potters Ponds Campground</u>	5. Location Sketch Please see Figure 3.12-2
2. Key Observation Point <u>P-17</u>	Township <u>16S</u>	
3. VRM Class <u>USFS VQO Modification</u>	Range <u>6E</u> Section <u>8</u>	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular mountain ridges. Inclined planar side slopes.	Organic clumps and surfaces of aspen, spruce and fir forest.	Cubed and cylindrical campground structures. Planar roadways.
LINE	Angular mountain skyline, angular side slopes and inclined valley floor.	Toothed skyline edges of forest.	Vertical and horizontal campground structures and roadways.
COLOR	Light to medium light to medium brown rock and soil.	Light to medium to dark olive green forest. Light green and yellow cinquefoil.	Light tans to medium brown structures and roadways.
TEXTURE	Smooth landforms.	Coarse deciduous and coniferous forest.	Smooth.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Planar ROW clearing.	Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Horizontal ROW clearing.	Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Light greens and tans ROW clearing.	Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE		Smooth ROW clearing.	Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

Elements	DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
		LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form					X					X				Evaluator's Names M. Paulson	Date 07/22/2011
Line						X				X					
Color						X					X				
Texture						X					X				

Rationale:

The Project would be consistent with VQO Modification management objectives. This management objective allows for moderate alternations to the landscape. Mitigation measures (VR-1, VR-3, VR-4, VR-5, VR-6, VR-7, VR-9, VR-10 and VR-12) would further reduce contrasts.

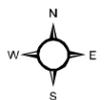
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



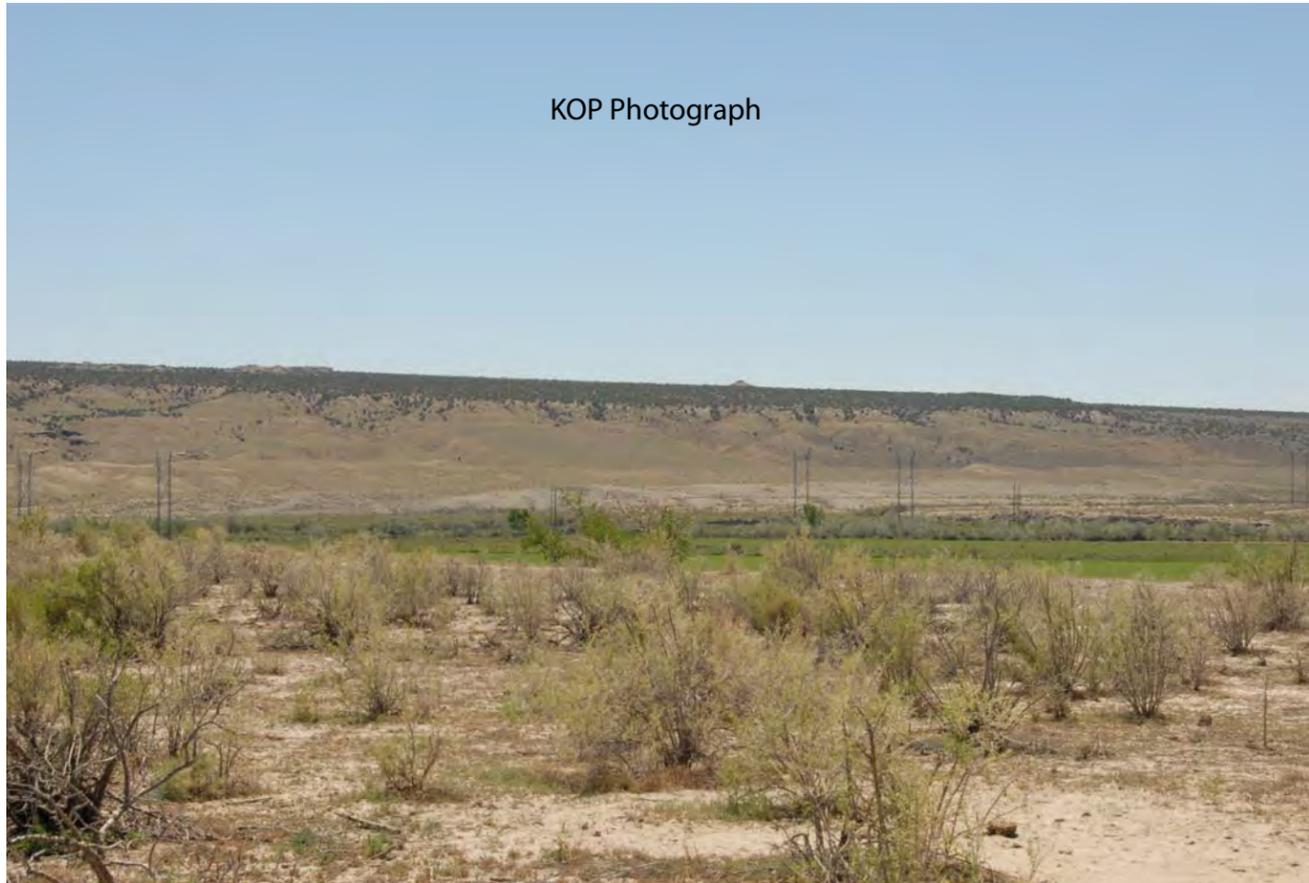
KOP Location



**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP P-17
Campground
(Segment 1310)





KOP Photograph



Structures Location and Height

Image State of Utah
©2012 Google
Image USDA Farm Service Agency
Image ©2012 TerraMetrics

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 07/24/2011
District Price FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Old Spanish</u> Tr. Molen Rd. Township <u>20S</u> Range <u>8E</u> Section <u>17</u>	5. Location Sketch Please see Figure 3.12-2
--------------------------------------	--	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Irregular planar ridge. Conical in background.	Organic clumps and surfaces of shrubs. Both blanket and scattered pinyon-juniper.	Planar steel lattice structures (twin).
LINE	Horizontal mesa skyline, angular side slopes and wide flat valley floor.	Irregular and curvilinear edges of shrubs and grasses.	Vertical and horizontal.
COLOR	Light to medium light to medium brown rock and soil.	Light to medium to dark olive green pinyon-juniper and shrubs. Light bluish-silvery sagebrush. Light tan to green grasses.	Light to medium grey.
TEXTURE	Smooth to coarse landforms.	Smooth, moderate and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form													X	Evaluator's Names M. Paulson Date 07/22/2011
Line													X	
Color													X	
Texture													X	

Rationale:

The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

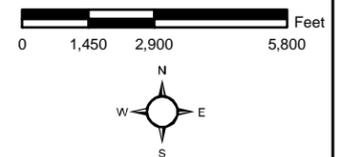
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



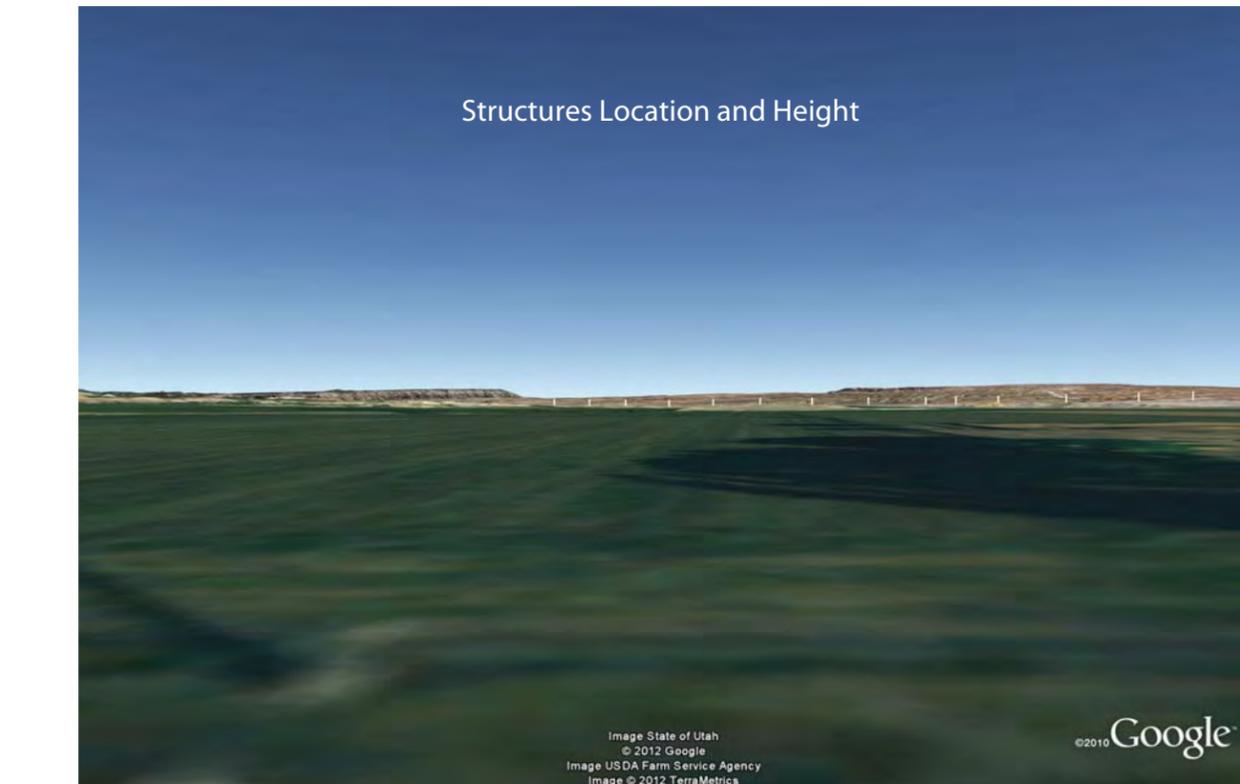
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP P-18
Old Spanish Trail
Molen Road
(Segment 1330.1)





KOP Photograph



Structures Location and Height

Image State of Utah
© 2012 Google
Image USDA Farm Service Agency
Image © 2012 TerraMetrics

©2010 Google

Form 8400-4
(September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 07/24/2011

District Price FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Utah SH-10</u> <u>Residential</u> <u>Township 20S</u> <u>Range 7E</u> <u>Section 15</u>	5. Location Sketch Please see Figure 3.12-2
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SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Horizontal planar ridges.	Organic clumps of residential trees, shrubs and grasses.	Cylindrical poles. Cubed residential structures.
LINE	Horizontal skyline.	Curvilinear tree edges. Rectilinear field grasses.	Vertical power poles. Horizontal and vertical structures.
COLOR	Light to medium light to medium brown soil.	Dark olive green trees. Light silver grey green shrubs. Golden tan to green grasses. Strong green mown areas.	Dark brown poles. Brown structures.
TEXTURE	Smooth landforms.	Coarse trees and field grasses.	Smooth to medium structures and poles.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

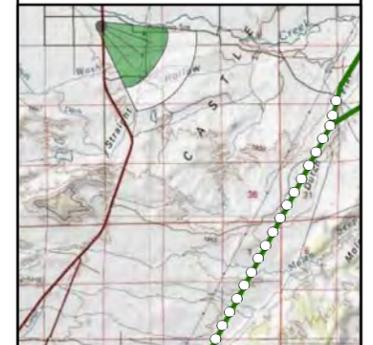
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)					
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)				
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None						
Form																X	Evaluator's Names M. Paulson	Date 07/22/2011
Line																X		
Color																X		
Texture																X		

Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

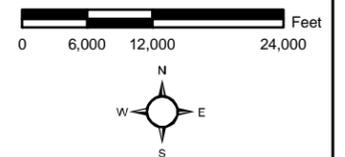
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



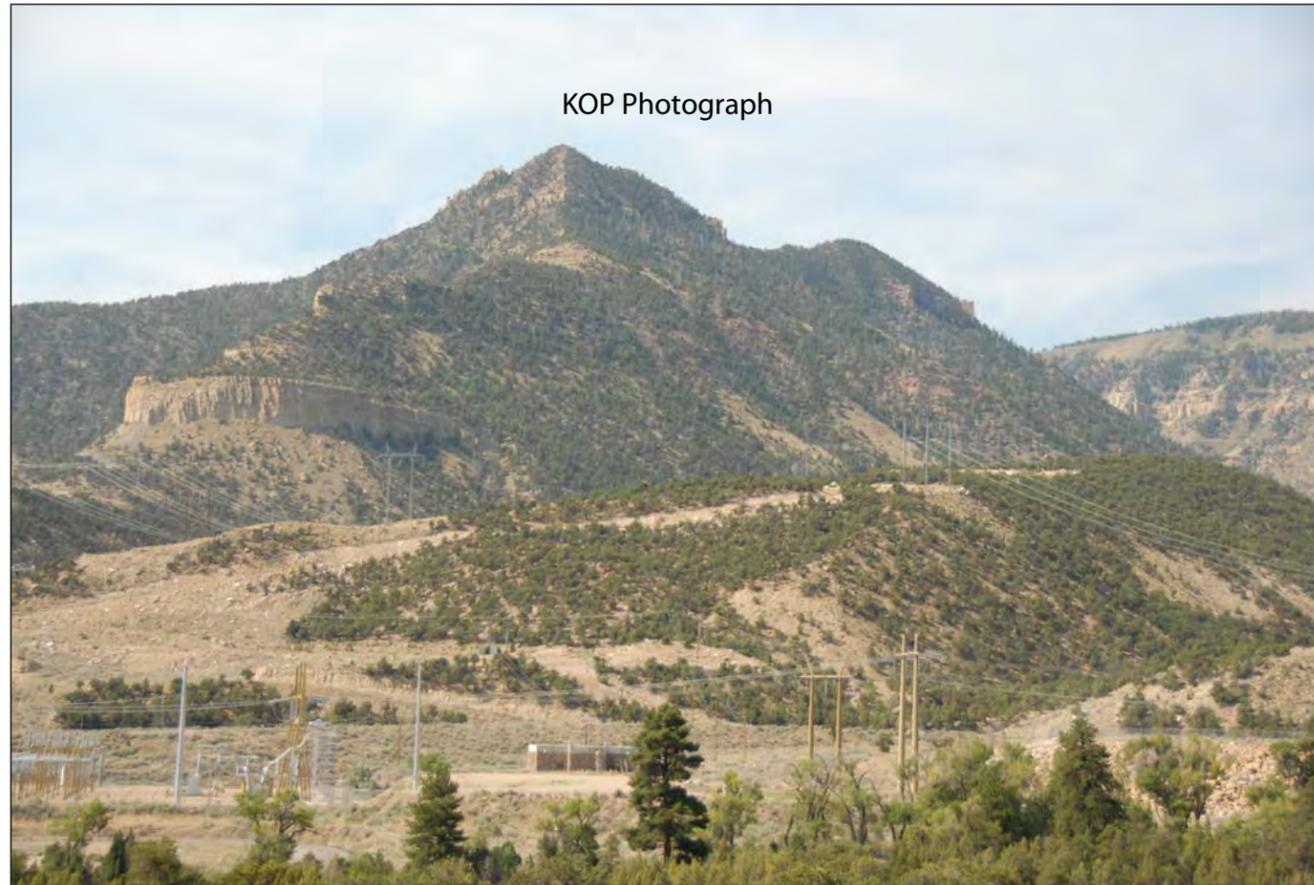
KOP Location



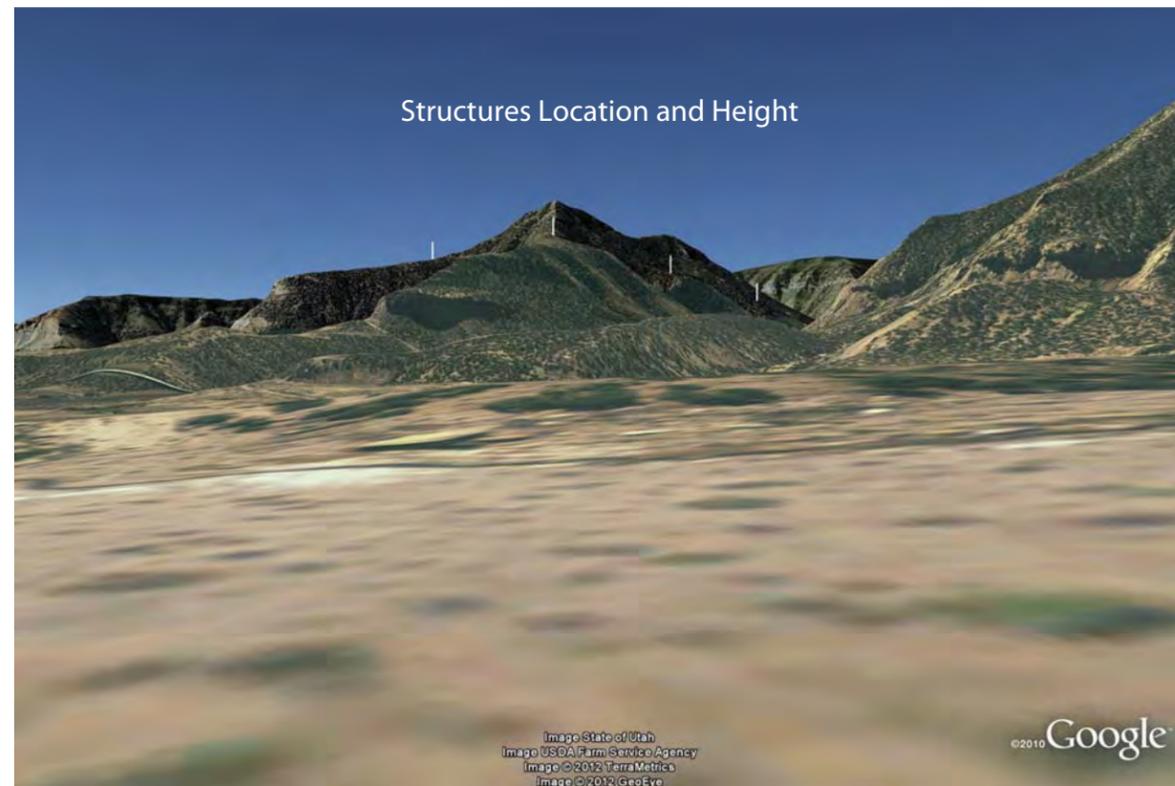
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP P-19
Utah State Hwy 10
Residential
(Segment 1330.1)





KOP Photograph



Structures Location and Height

Image State of Utah
Image USCA Farm Service Agency
Image © 2013 TerraMetrics
Image © 2012 GeoEye
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Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 07/23/2011
District Price FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location Utah SH-31 Township 16S Range 7E Section 36	5. Location Sketch Please see Figure 3.12-2
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SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular mountain ridges – strongly v-shaped narrow valley. Inclined planar side slopes.	Organic clumps and surfaces of coniferous forest.	Strongly cylindrical wood poles and planar conductors. Planar steel lattice.
LINE	Angular mountain skyline, angular side slopes and inclined valley floor. Horizontal toe-of-slope bench.	Toothed skyline edges of forest.	Vertical and horizontal wood pole and crossarm elements and arced conductors. Vertical steel lattice.
COLOR	Light to medium light to medium brown rock and soil.	Medium to dark olive green forest.	Medium to dark brown poles and light silver-grey conductors Grey steel lattice.
TEXTURE	Smooth landforms, coarse geology.	Coarse coniferous forest.	NA

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Planar ROW clearing in conifers.	Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Linear edges of ROW clearing in conifers.	Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Light to medium tan grasses in ROW clearing in conifers.	Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE		Smooth to medium ROW clearing.	

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form					X					X				Evaluator's Names M. Paulson Date 07/22/2011
Line						X				X				
Color						X				X				
Texture						X					X			

Rationale:

Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would be consistent with Moderate SIO or Partial Retention VQO management objectives. Mitigation measures (VR-1, VR-3, VR-5, VR-7, VR-9, VR-10, and VR-12) would further reduce contrasts.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP P-32
Utah State Hwy 31
(Segment 1310)

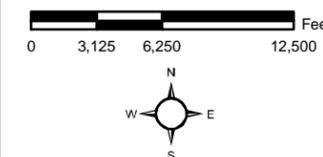




Project Location



KOP Location



**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP P-32
Simulated Condition
(Segment 1310)



KOP Photograph



Structures Location and Height

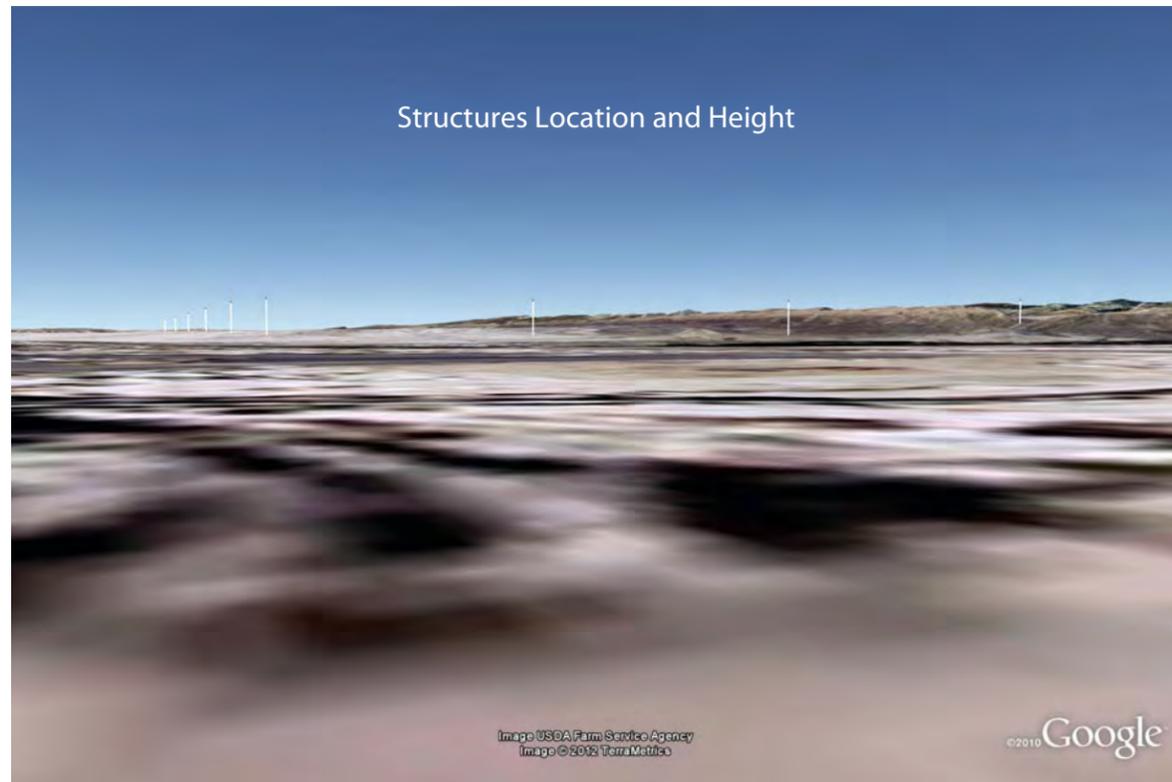


Image: USDA Farm Service Agency
Image © 2012 TerraMetrics

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Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VISUAL CONTRAST RATING WORKSHEET

Date 11/11/2011

District Price FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>US-6</u> <u>Woodside (SB)</u> <u>Township 18S</u> <u>Range 14E</u> <u>Section 9</u>	5. Location Sketch Please see Figure 3.12-2
2. Key Observation Point P-33		
3. VRM Class Private		

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular mountains backdrop, rolling hills, and planar valley floor.	Organic clumps and surfaces of cottonwoods, grasses and forbs.	Cylindrical tanks and wood poles and rectangular-cubed motor homes.
LINE	Irregular mountain skyline, curvilinear hills, and horizontal valley floor.	Irregular edges of cottonwoods, grasses and forbs.	Horizontal and vertical vehicles, poles, lift structure and fence posts.
COLOR	Light to medium light to medium brown and grey rock and soil.	Light to medium tan to orangeish brown cottonwoods, grasses and forbs..	White tanks, multiple colors of motor homes and dark brown poles.
TEXTURE	Smooth to medium landforms.	Smooth, moderate and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

Elements	DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
		LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)						
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None			
Form		X						X	X						Evaluator's Names M. Paulson	Date 11/11/2011
Line			X				X	X								
Color			X				X		X							
Texture			X				X		X							

Rationale:

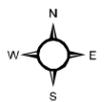
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



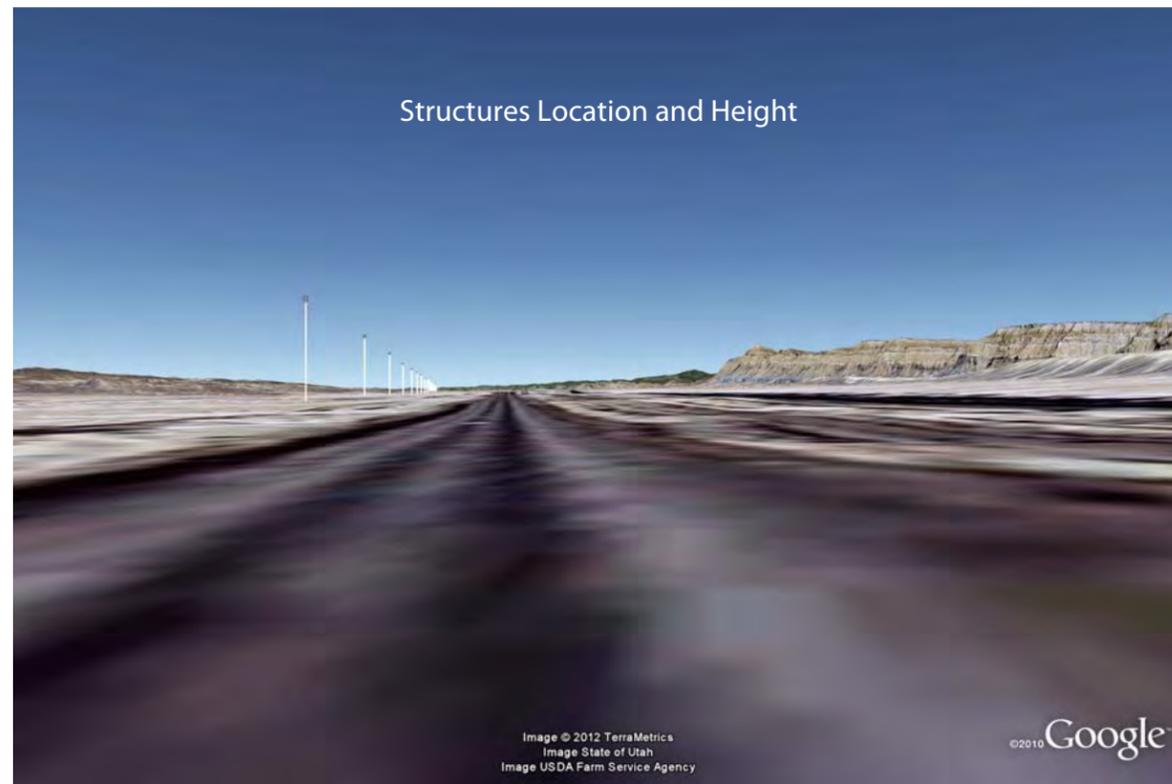
TRANSWEST EXPRESS
TRANSMISSION PROJECT

KOP P-33
U.S. 6 - Woodside
(southbound)
(Segment 1222.05)





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 11/11/2011

District Price FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>US-6 (NB)</u> Township <u>20S</u> Range <u>14E</u> Section <u>35</u>	5. Location Sketch Please see Figure 3.12-2
--------------------------------------	--	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular mountains backdrop, rolling hills, and planar valley floor.	Organic clumps and surfaces of grasses and forbs.	Planar roadway.
LINE	Irregular mountain skyline, curvilinear hills, and horizontal valley floor.	Irregular edges of grasses and forbs.	Linear roadway and markers and curving fence rows.
COLOR	Light to medium light to medium brown and grey rock and soil.	Light to medium tan to brown grasses and forbs.	Light to medium grey roadway.
TEXTURE	Smooth to medium landforms.	Smooth, moderate and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form													x	3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side) Evaluator's Names: M. Paulson Date: 11/11/2011
Line													x	
Color													x	
Texture													x	

Rationale:

The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

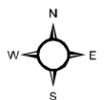
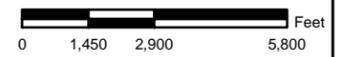
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP P-34
U.S. 6 (northbound)
(Segment 1220)



KOP Photograph



Structures Location and Height

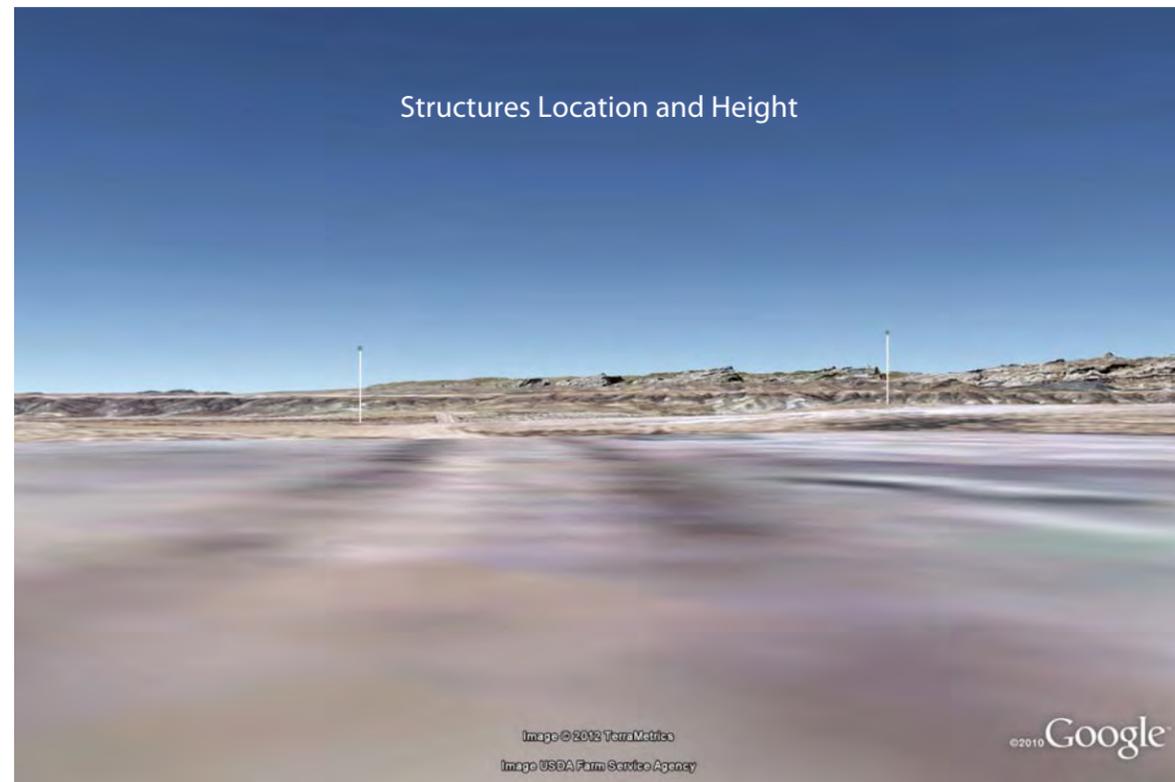


Image © 2012 TerraMetrics
Image USBA Farm Service Agency

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Form 8400-4
(September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 11/11/2011

District Price FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Smith Camp Road</u>	5. Location Sketch Please see Figure 3.12-2
2. Key Observation Point P-35	Township <u>21S</u>	
3. VRM Class IV (VRI Class III)	Range <u>14E</u> Section <u>1</u>	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular mountain escarpment backdrop, rolling hills, and planar valley floor.	Organic clumps and surfaces of grasses and forbs.	Planar roadway and 345-kV H-frame.
LINE	Irregular mountain skyline, curvilinear hills, and horizontal valley floor.	Irregular edges of grasses and forbs.	Angular roadway, and vertical and horizontal 345-kV H-frame.
COLOR	Light to medium light to medium brown and grey rock and soil.	Light to medium tan to brownish grey grasses and forbs.	Medium brown roadway and dark brown 345-kV H-frame.
TEXTURE	Smooth to medium landforms.	Smooth, moderate and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)				
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None					
Elements	Form													x		Evaluator's Names	Date
	Line													x		M. Paulson	11/11/2011
	Color													x			
	Texture													x			

Rationale:

The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

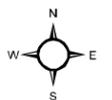
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



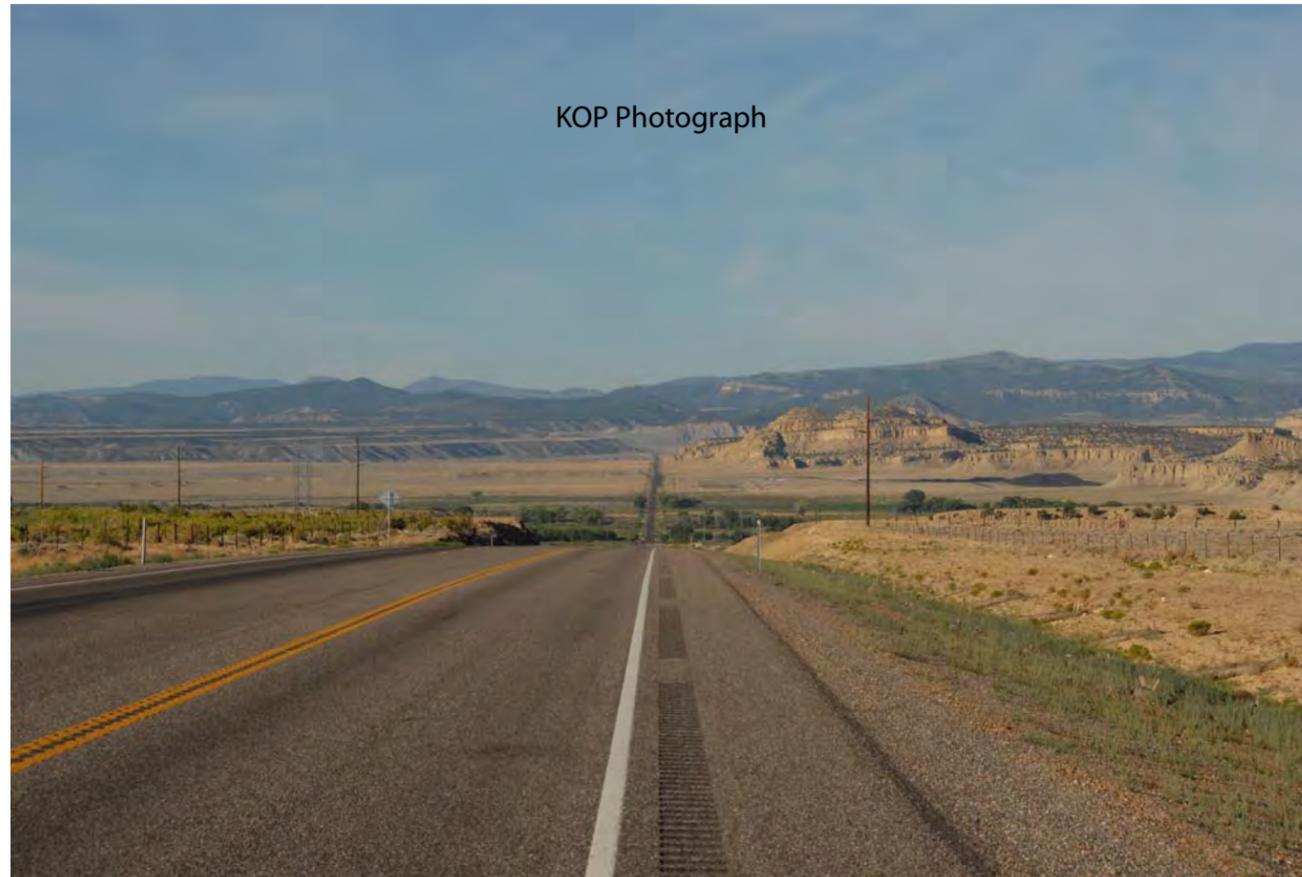
KOP Location



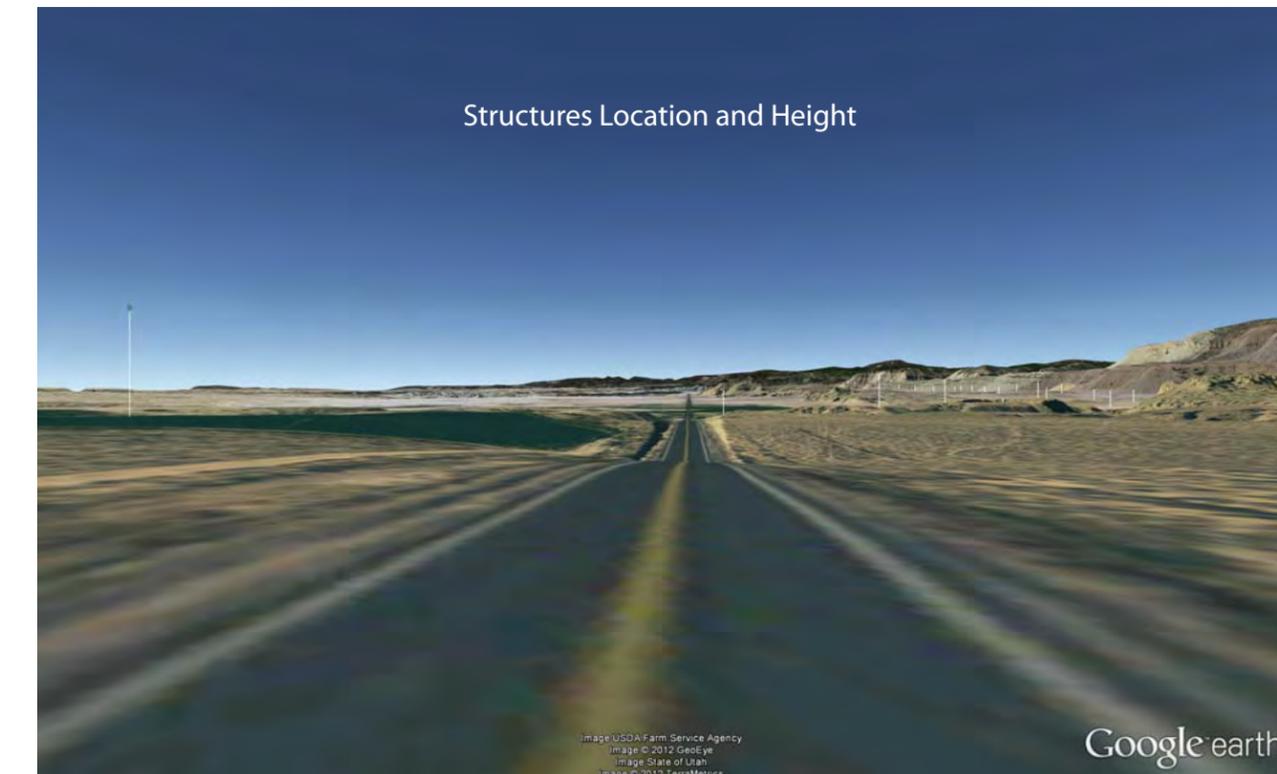
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP P-35
Smith Camp Road
(Segment 1220)





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 08/04/2012

District Price FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Utah SH-10 (SB)</u> Township <u>22S</u> Range <u>6E</u> Section <u>20</u>	5. Location Sketch Please see Figure 3.12-2
--------------------------------------	---	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Irregular planar ridge. Vertical planar slope faces and walls and eroded rocky side slopes.	Organic clumps and surfaces of shrubs. Blanket of pinyon-juniper on the skyline.	Strongly planar paved roadway and twin 345-kV steel lattice structures.
LINE	Angular mesa skyline, angular side slopes and wide flat valley floor.	Irregular and curvilinear edges of shrubs and grasses. Curved edges of pinyon-juniper in background.	Straight and horizontal and vertical 345-kV structures
COLOR	Light to medium light to medium brown rock and soil.	Light to medium to dark olive green shrubs. Light bluish-silvery sagebrush. Light tan to green grasses..	Light to medium grey roadway and 345-kV structures.
TEXTURE	Smooth to coarse landforms.	Smooth, moderate and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

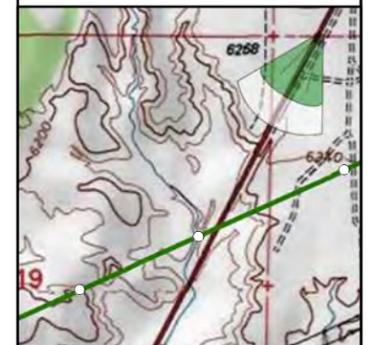
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

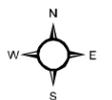
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)						
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None			
Form													X	Evaluator's Names M. Paulson	Date 08/04/2012
Line													X		
Color													X		
Texture													X		



Project Location



KOP Location

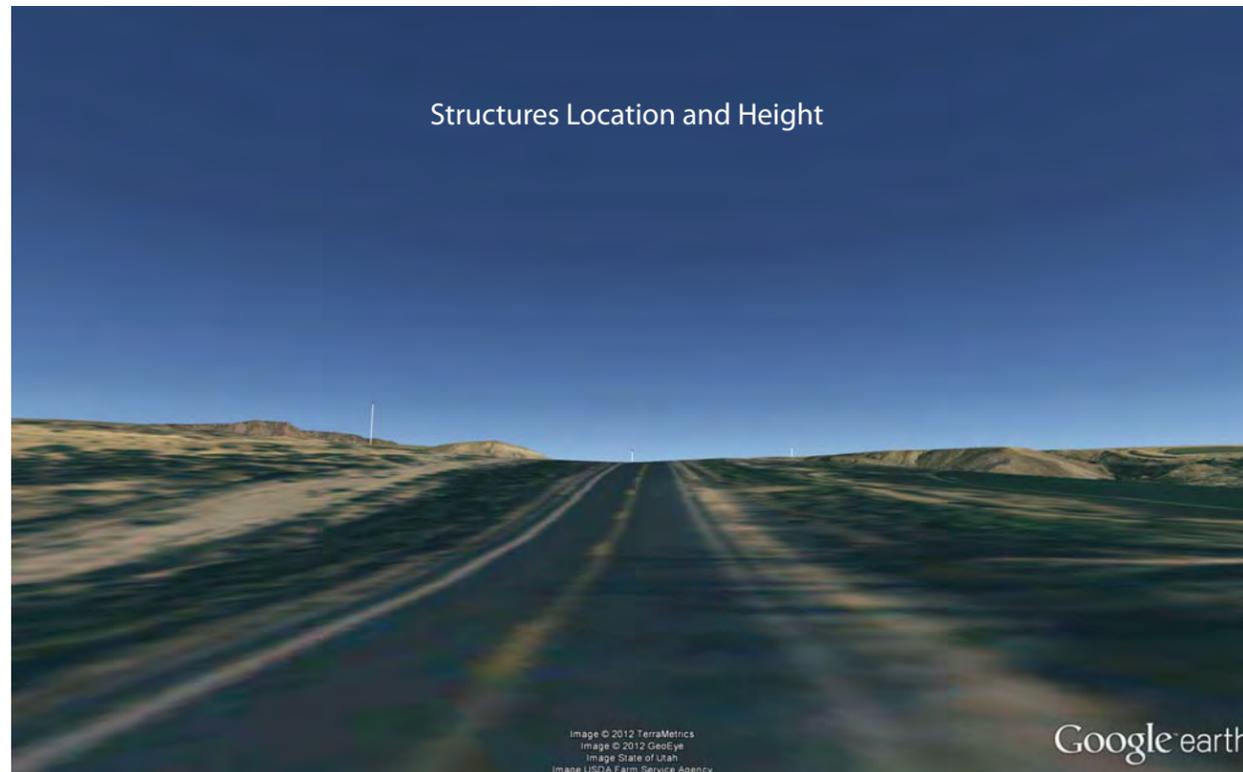


TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-36
Utah SH 10
(southbound)
(Segment 1330.1)



Rationale:
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Form 8400-4
(September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 08/04/2012

District Price FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Utah SH-10</u> (NB) Township <u>22S</u> Range <u>6E</u> Section <u>30</u>	5. Location Sketch Please see Figure 3.12-2
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SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Irregular planar ridge. Vertical planar slope faces and walls and eroded rocky side slopes.	Organic clumps and surfaces of shrubs. Blanket of pinyon-juniper on the skyline.	Strongly planar paved roadway and twin 345-kV steel lattice structures.
LINE	Angular mesa skyline, angular side slopes and wide flat valley floor.	Irregular and curvilinear edges of shrubs and grasses. Curved edges of pinyon-juniper in background.	Straight and horizontal and vertical 345-kV structures
COLOR	Light to medium light to medium brown rock and soil.	Light to medium to dark olive green shrubs. Light bluish-silvery sagebrush. Light tan to green grasses..	Light to medium grey roadway and 345-kV structures.
TEXTURE	Smooth to coarse landforms.	Smooth, moderate and coarse.	Smooth to medium.

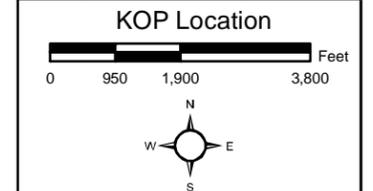
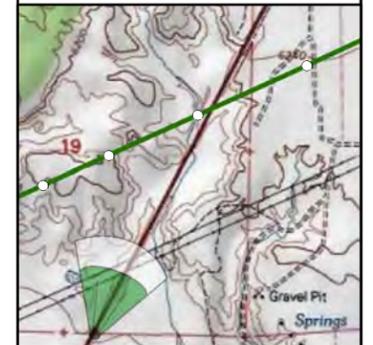
SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)		
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None			
Form													x	Evaluator's Names M. Paulson	Date 08/04/2012
Line													x		
Color													x		
Texture													x		

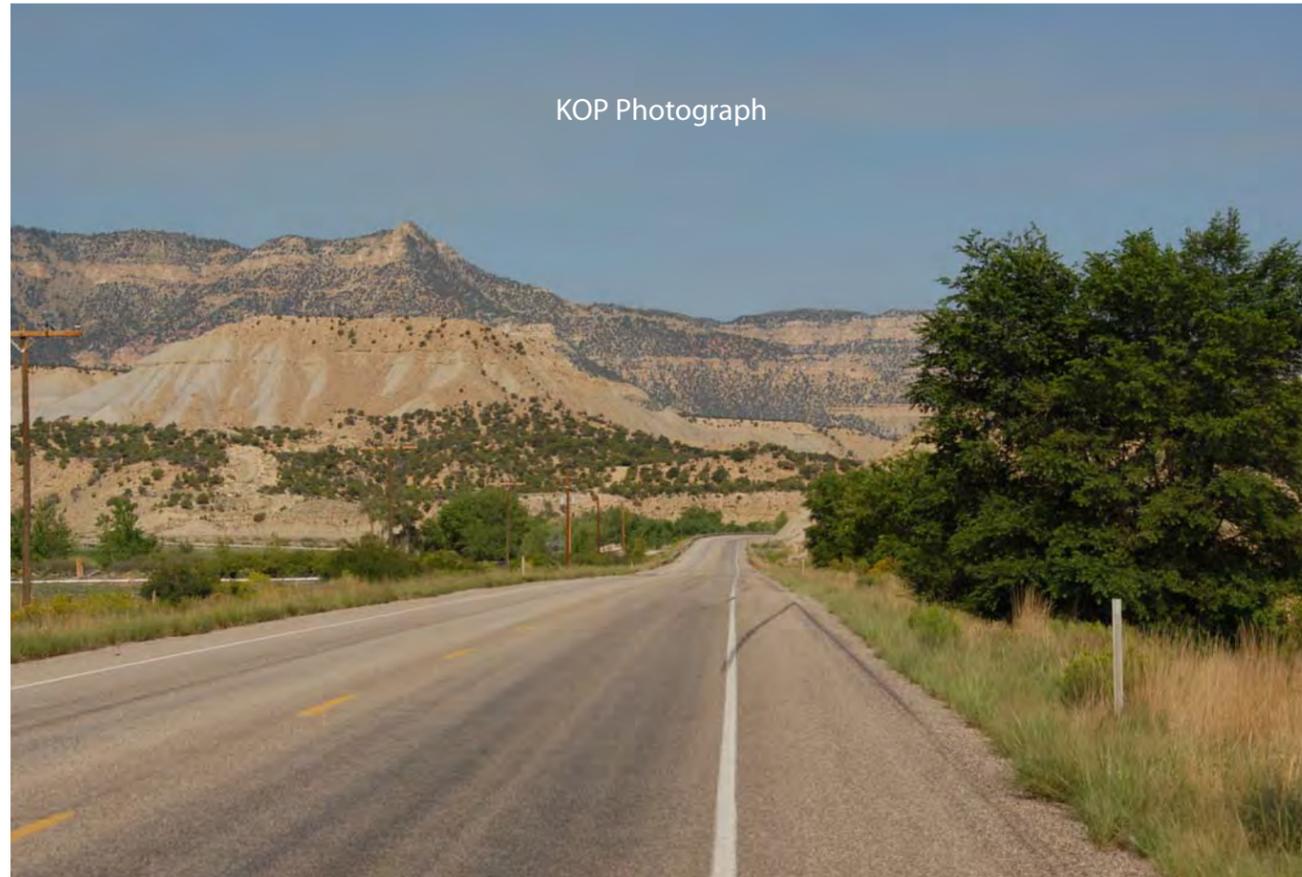
Rationale:
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



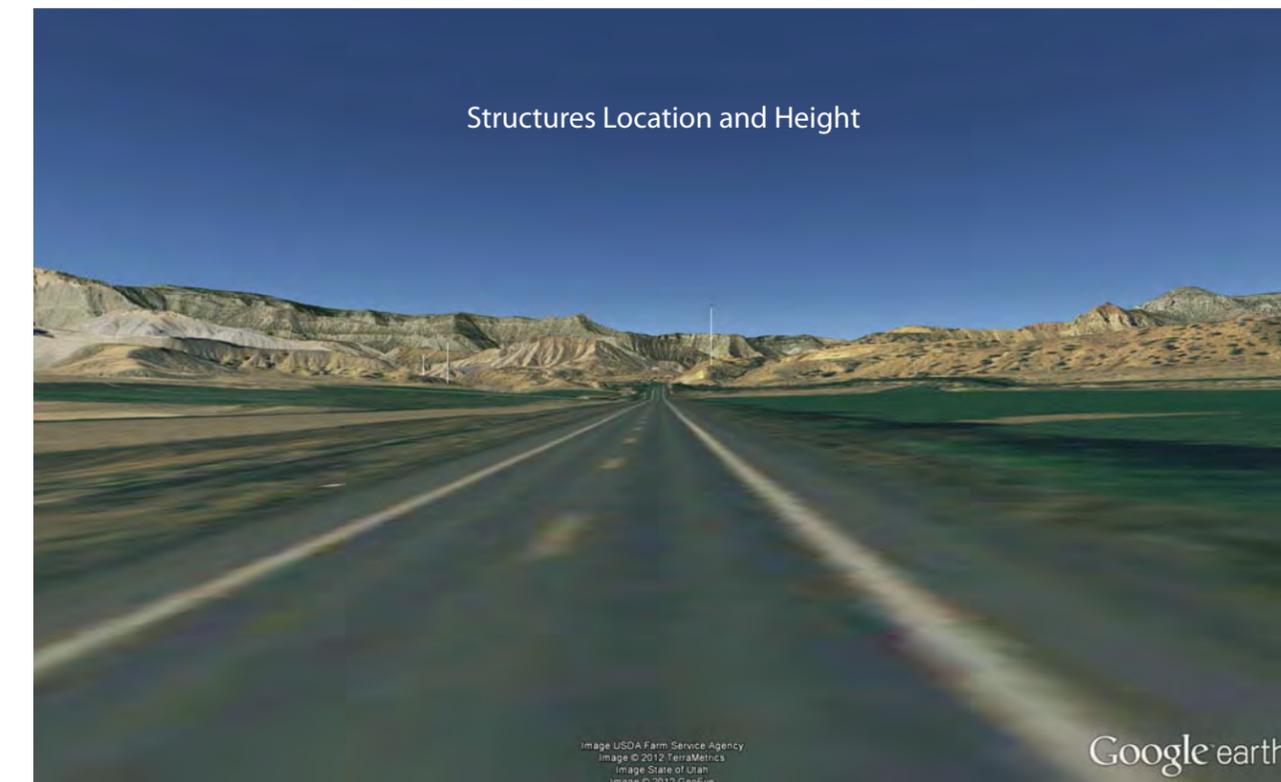
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-37
Utah SH 10
(northbound)
(Segment 1330.1)





KOP Photograph



Structures Location and Height

Image USDA Farm Service Agency
Image © 2012 TerraMetrics
Image State of Utah
Image © 2012 GeoEye

Google earth

Form 8400-4
(September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 08/03/2012
District Price FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location Utah SH-31 Huntington (WB) Township 17S Range 8E Section 10	5. Location Sketch Please see Figure 3.12-2
--------------------------------------	---	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular mountain mesas. Inclined planar side slopes. Rolling valley floor.	Organic clumps and surfaces of boxelder and pinyon-juniper	NA
LINE	Angular mountain skyline, banded eroded side slopes.	Irregular edges of forest cover and foreground trees and shrubs.	NA
COLOR	Light to medium light to medium brown rock and soil.	Medium to dark olive green.	NA
TEXTURE	Smooth landforms, coarse geology.	Medium pinyon-juniper and boxelder.	NA

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

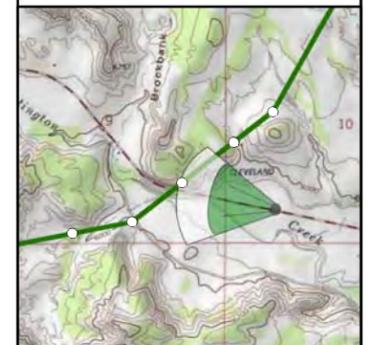
SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form													X	Evaluator's Names M. Paulson Date 08/03/2012
Line													X	
Color													X	
Texture													X	

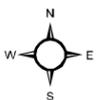
Rationale:
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



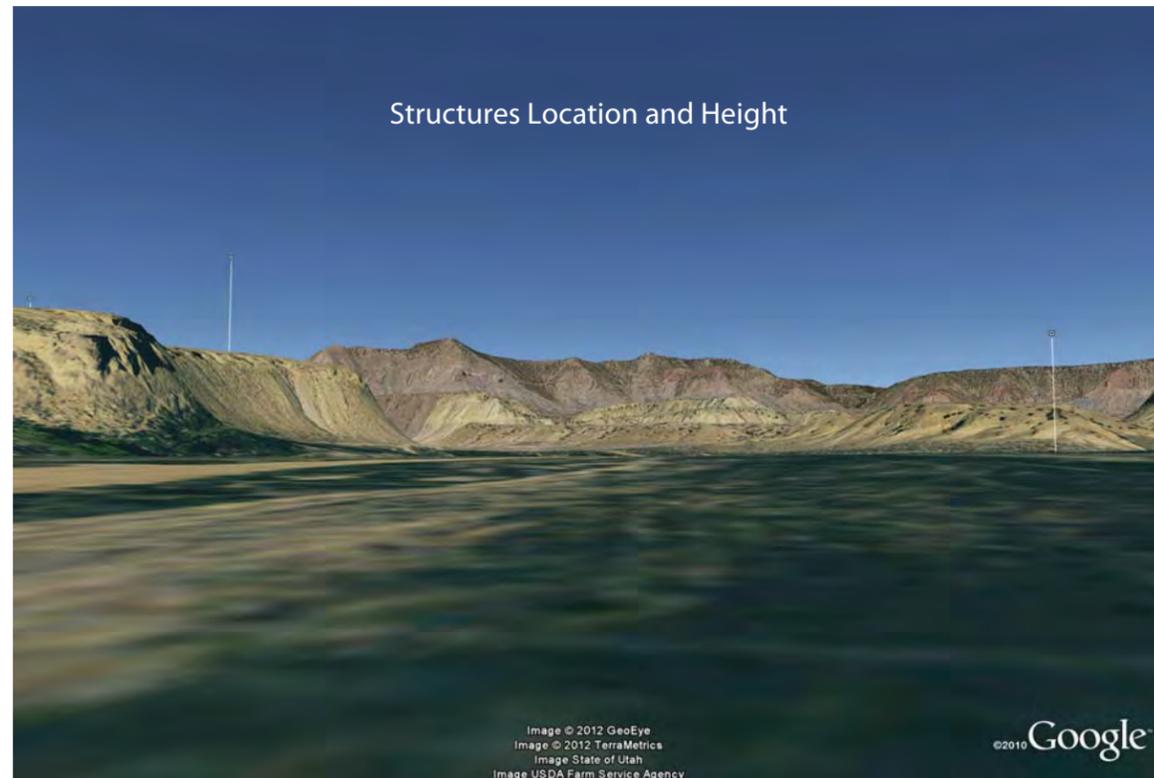
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP P-40
Utah SH 31/Huntington
(westbound)
(Segment 1222.3)





KOP Photograph



Structures Location and Height

Image © 2012 GeoEye
 Image © 2012 TerraMetrics
 Image State of Utah
 Image USDA Farm Service Agency
 ©2010 Google

Form 8400-4
(September 1985)

**UNITED STATES
 DEPARTMENT OF THE INTERIOR
 BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 08/04/2012

District Price FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Quitcupa Rd. (WB) Residential</u>	5. Location Sketch Please see Figure 3.12-2
2. Key Observation Point P-41	Township <u>22S</u>	
3. VRM Class Private	Range <u>6E</u>	
	Section <u>30</u>	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Irregular planar ridge. Vertical planar slope faces and walls and eroded rocky side slopes.	Organic clumps and surfaces of trees and shrubs. Blanket of pinyon-juniper	Strongly planar twin 345-kV steel lattice structures.
LINE	Angular mesa skyline, angular side slopes and wide flat valley floor.	Irregular and curvilinear edges of trees, shrubs and grasses. Curved edges of pinyon-juniper in background.	Straight and horizontal and vertical 345-kV structures
COLOR	Light to medium light to medium brown rock and soil.	Strongly yellow sunflower field. Light to medium to dark olive green trees, and shrubs.	Light to medium grey roadway and 345-kV structures.
TEXTURE	Smooth to coarse landforms.	Smooth, moderate and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

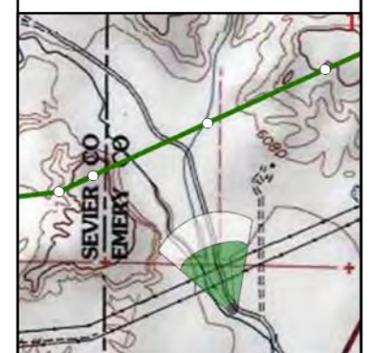
SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)						
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None			
Form													X	Evaluator's Names M. Paulson	Date 08/04/2012
Line													X		
Color													X		
Texture													X		

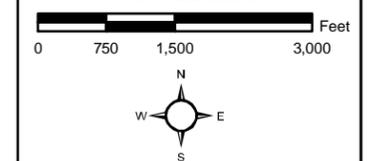
Rationale:
 Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



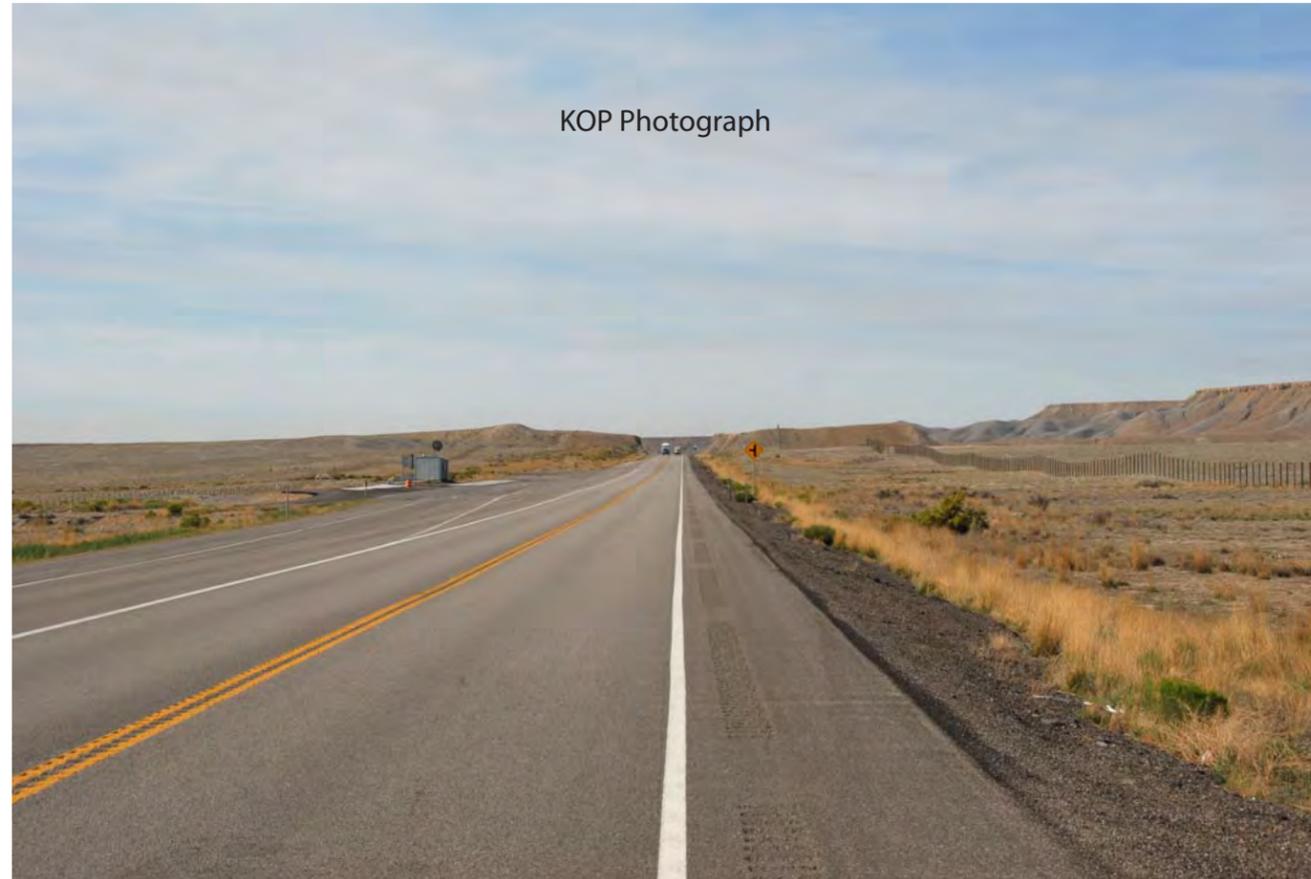
KOP Location



TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-41
 Quitcupa Rd. (westbound)
 Residential
 (Segment 1330.1)





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 08/03/2012

District Price FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Utah SH-10 (SB)</u>	5. Location Sketch Please see Figure 3.12-2
2. Key Observation Point P-42	Township <u>16S</u>	
3. VRM Class Class IV	Range <u>9E</u>	
	Section <u>1</u>	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Irregular planar ridge. Vertical planar slope faces and walls and eroded side slopes.	Scattered grasses.	Strongly planar paved roadway
LINE	Angular mesa skyline, angular side slopes and wide flat valley floor.	Indistinct	Straight and horizontal
COLOR	Light to medium light to medium brown rock and soil.	Light to medium tan grasses	Light to medium grey roadway
TEXTURE	Smooth to coarse landforms.	Smooth to moderate	Smooth

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)		
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None			
Form													X	Evaluator's Names M. Paulson	Date 08/03/2012
Line													X		
Color													X		
Texture													X		

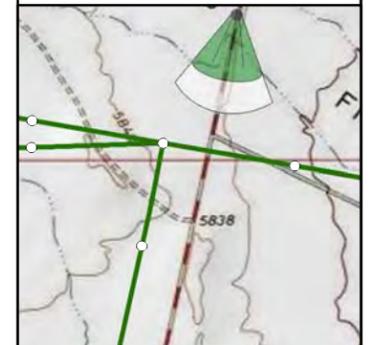
Rationale:

The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

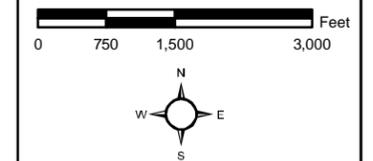
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-42
Utah SH 10
(southbound)
(Segment 1222.05)





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 08/03/2012

District Price FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Watis Road</u> (EB) Township <u>15S</u> Range <u>8E</u> Section <u>10</u>	5. Location Sketch Please see Figure 3.12-2
--------------------------------------	--	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Strongly planar ridge. Angular planar slope faces and eroded rocky side slopes.	Organic clumps and surfaces of shrubs. Blanket of pinyon-juniper.	Strongly planar paved roadway, pump jack, and twin 345-kV steel lattice structures.
LINE	Angular mesa skyline, angular side slopes and wide flat valley floor.	Irregular and curvilinear edges of shrubs and grasses. Curved edges of pinyon-juniper in background.	Straight, horizontal, and inclined pump jack, and vertical 345-kV structures
COLOR	Light to medium light to medium brown rock and soil.	Light to medium to dark olive green shrubs. Light bluish-silvery sagebrush. Light tan to green grasses.	Light to medium grey roadway, dark pump jack, and 345-kV structures.
TEXTURE	Smooth to coarse landforms.	Smooth, moderate and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form													x	Evaluator's Names M. Paulson Date 08/03/2012
Line													x	
Color													x	
Texture													x	

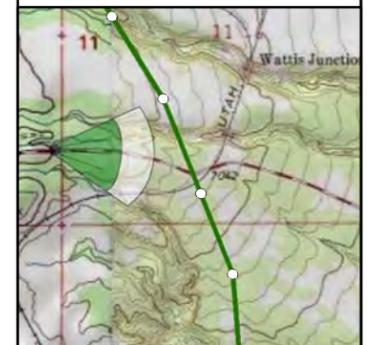
Rationale:

Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objectives. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-4, VR-6, and VR-7) would further reduce contrasts.

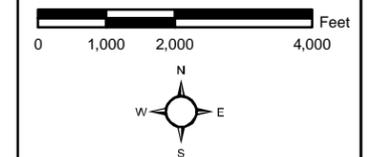
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



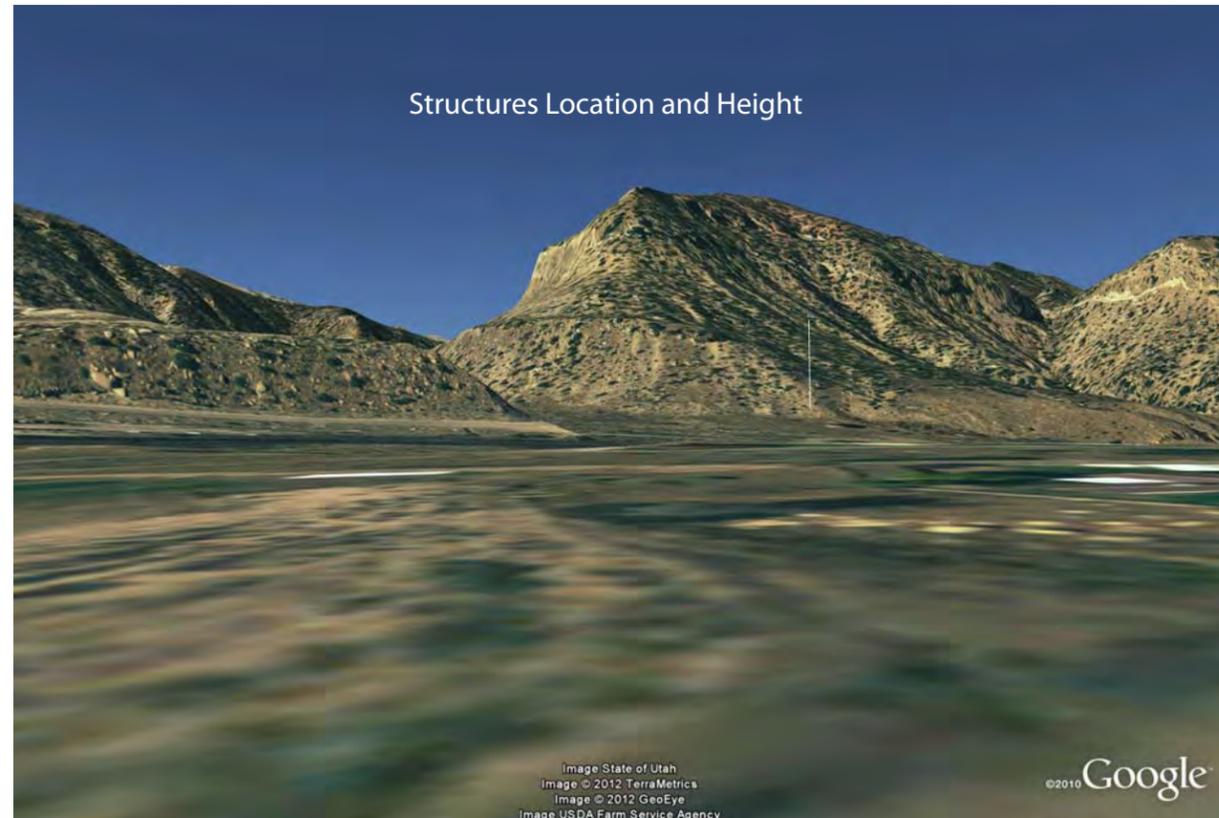
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-43
Watis Road
(eastbound)
(Segment 1223)





KOP Photograph



Structures Location and Height

Image State of Utah
Image © 2012 TerraMetrics
Image © 2012 GeoEye
Image USDA Farm Service Agency

©2010 Google

Form 8400-4 (September 1985)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 10/3/11

District Price FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Martin Residential</u>	5. Location Sketch Please see Figure 3.12-2
2. Key Observation Point P-45	Township <u>13S</u>	
3. VRM Class III	Range <u>9E</u>	
	Section <u>13</u>	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Undulating, horizontal, bold vertical, rugged	Few, Stippled, amorphous patches	Moderately tall, vertical
LINE	Curving, vertical, diagonal, angular	Weak diffuse, indistinct, broken	Vertical, concave, horizontal
COLOR	Tans, browns, greys	Dark greens, tans, grey-greens	Brown, grey
TEXTURE	Banded, coarse grain	Fine to medium grain, uneven/random	Medium grain, dense

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Stippled vegetation	Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Diffuse edge	Vertical steel lattice structures, angular guys, and curvilinear conductions.
COLOR		Tans, grey-greens	Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE		Fine to medium grain	Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)		
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Explain on reverse side)	
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None			
Elements	Form	x					x			x				Evaluator's Names EPG (Review and update as needed by M. Paulson)	Date 10/3/11 7/24/12
	Line		x				x			x					
	Color			x			x			x					
	Texture		x				x				x				

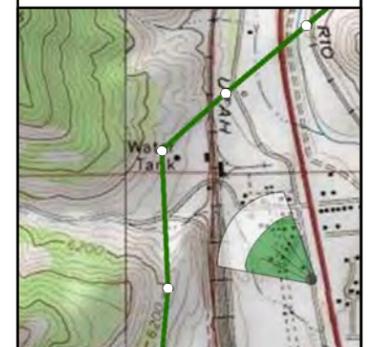
Rationale:

Where the Project would be located within 0.5 mile of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III management objectives. Mitigation measures (VR-1, VR-3, VR-4, VR-5, VR-7, VR-9, VR-10, and VR-12) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 mile away from viewer locations.

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



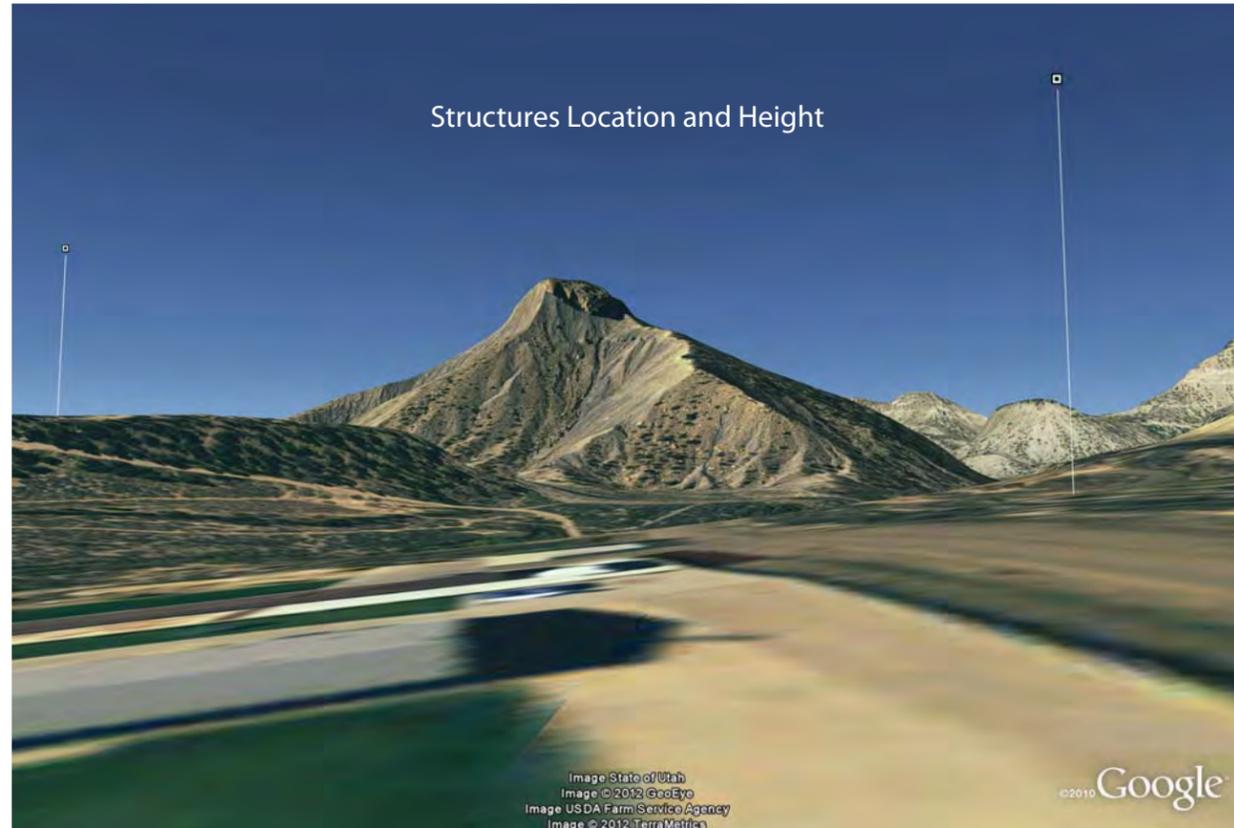
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-45
Martin Residential
(Segment 1217.1)





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 10/3/11

District Price FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>West Helper Residential</u> Township <u>13S</u> Range <u>9E</u> Section <u>23</u>	5. Location Sketch Please see Figure 3.12-2
--------------------------------------	---	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	FG: Plateaus, level BG: Bold vertical, horizontal, rugged	Amorphous masses, stippled areas	Moderately tall, geometric, vertical
LINE	Vertical, diagonal, angular	Weak, diffuse, indistinct	Vertical, concave, angular
COLOR	Tans, greys, reds	Dark greens	Brown
TEXTURE	Banded, coarse grain	Fine to medium grain	Medium grain, sparse density

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Stippled vegetation	Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Diffuse edge	Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Tans, grey-greens	Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE		Fine to medium grain	Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

Elements	DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Explain on reverse side)
		LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form			X			X				X				Evaluator's Names EPG (Review and update as needed by M. Paulson)	Date 10/3/11 7/24/12
Line		X					X			X					
Color			X				X				X				
Texture		X				X				X					

Rationale:

Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objectives. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-4, VR-6, and VR-7) would further reduce contrasts.

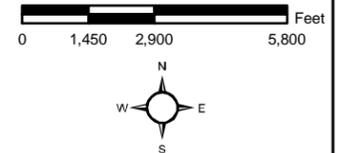
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



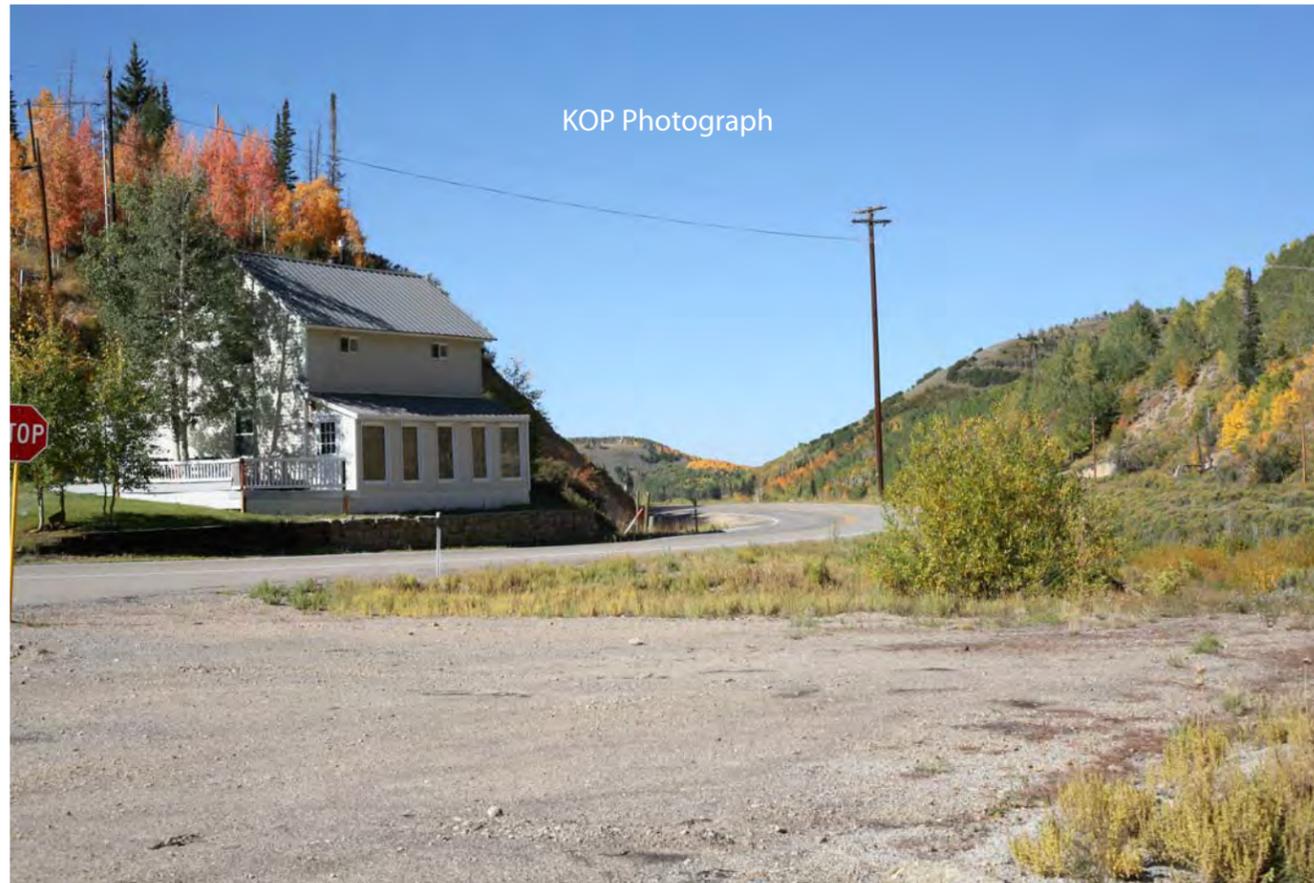
KOP Location



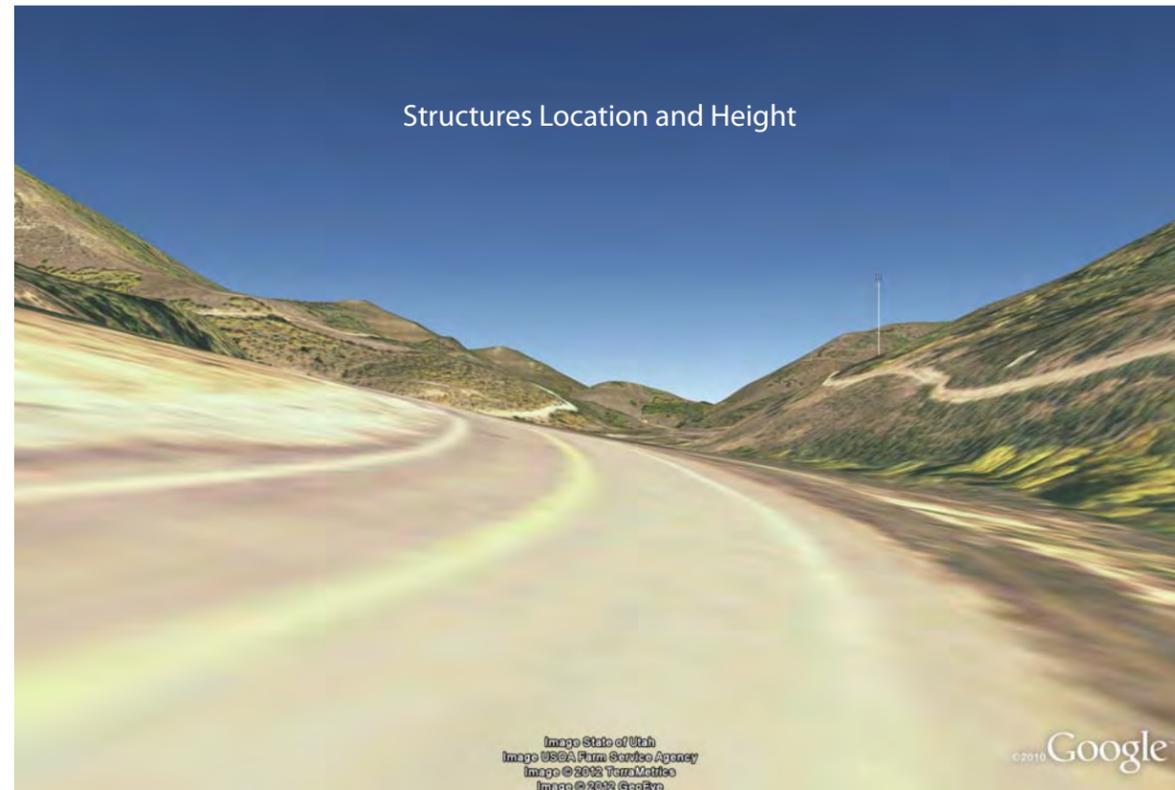
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-46
West Helper Residential
(Segment 1217.1)





KOP Photograph



Structures Location and Height

Image State of Utah
Image USGS Farm Service Agency
Image © 2012 TomTom
Image © 2012 Google

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 9/27/11

District Price FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Clear Creek</u> Residential Township <u>13S</u> Range <u>7E</u> Section <u>33</u>	5. Location Sketch Please see Figure 3.12-2
--------------------------------------	--	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Diagonal, bold, rounded	Vertical, complex, pyramidal, amorphous	Geometric, horizontal, rectangular
LINE	Curving, continuous	Flowing, complex, irregular	Vertical, angular, regular
COLOR	Tans, greys	Vivid, yellow, greens, seasonal variety	Brown, grey
TEXTURE	Medium grain	Coarse, stippled, scattered	Coarse grain, sparse density, uniform

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		NA	Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		NA	Vertical steel lattice structures, angular guys, and curvilinear conductions.
COLOR		NA	Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE		NA	Coarse steel lattice structures, and smooth guys and conductors.

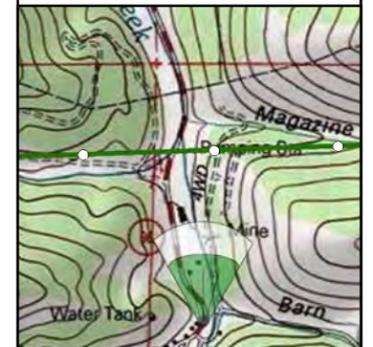
SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form				X					X	X			Evaluator's Names EPG (Review and update as needed by M. Paulson)	Date 9/27/11 7/24/12
Line				X					X	X				
Color				X					X	X				
Texture				X					X	X				

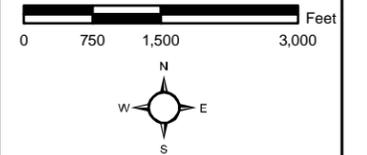
Rationale:
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



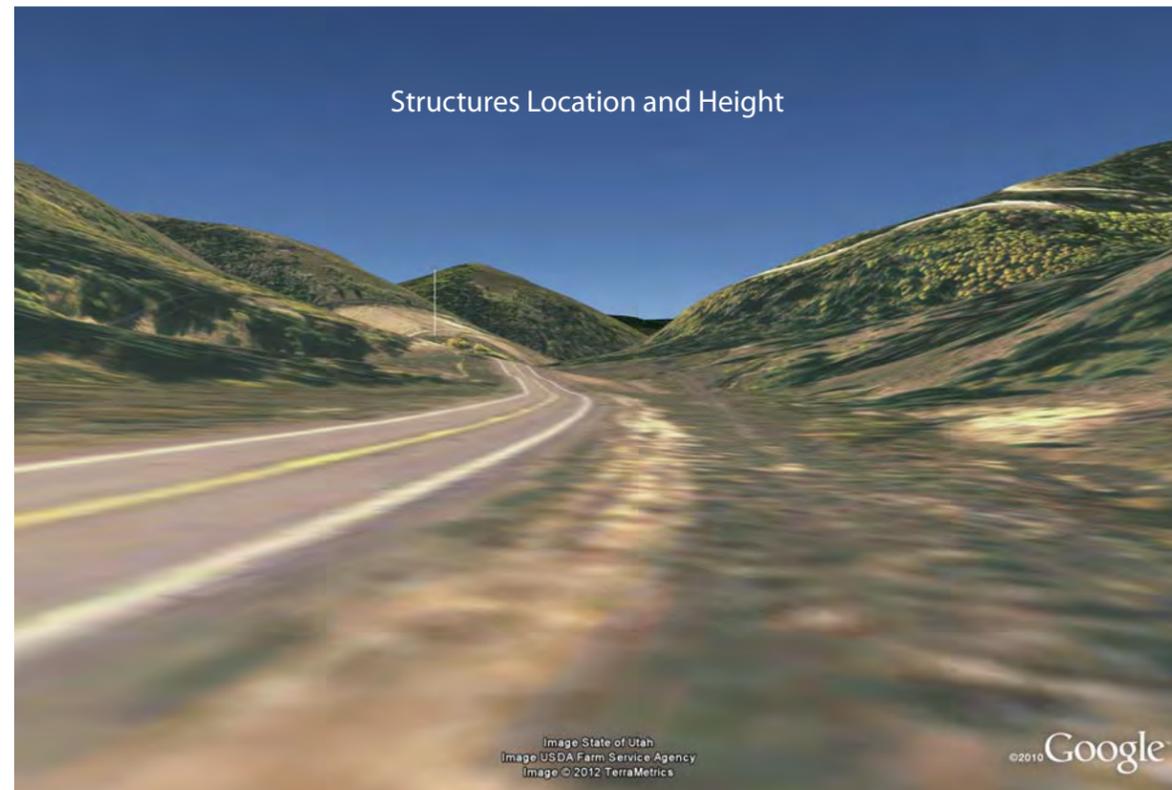
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP P-47
Clear Creek
Residential
(Segment 1217.15)





KOP Photograph



Structures Location and Height

Image State of Utah
Image USDA Farm Service Agency
Image © 2012 TerraMetrics
©2010 Google

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 10/27/11

District Price FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Energy Loop Scenic Byway (UT Rte 96)</u>	5. Location Sketch Please see Figure 3.12-2
2. Key Observation Point P-48	Township <u>13S</u>	
3. VRM Class Private	Range <u>7E</u>	
	Section <u>29</u>	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Diagonal, bold, rounded	Vertical, complex, pyramidal, amorphous	Moderately tall, vertical, thin
LINE	Curving, angular, continuous	Flowing, complex, irregular, butt edge	Vertical, angular
COLOR	Tans	Vivid, greens, tans, seasonal variation	Browns
TEXTURE	Medium to coarse grain	Coarse, stippled, scattered	Fine grain

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		NA	Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		NA	Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		NA	Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE		NA	Coarse steel lattice structures, and smooth guys and conductors.

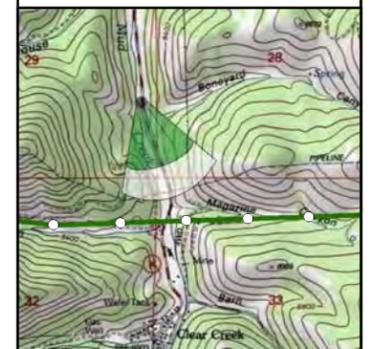
SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form				X				X	X					Evaluator's Names EPG (Review and update as needed by M. Paulson) Date 9/27/11 7/24/12
Line				X				X	X					
Color				X				X	X					
Texture				X				X	X					

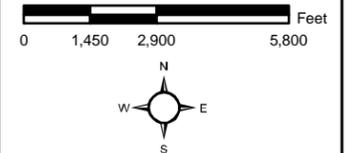
Rationale:
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



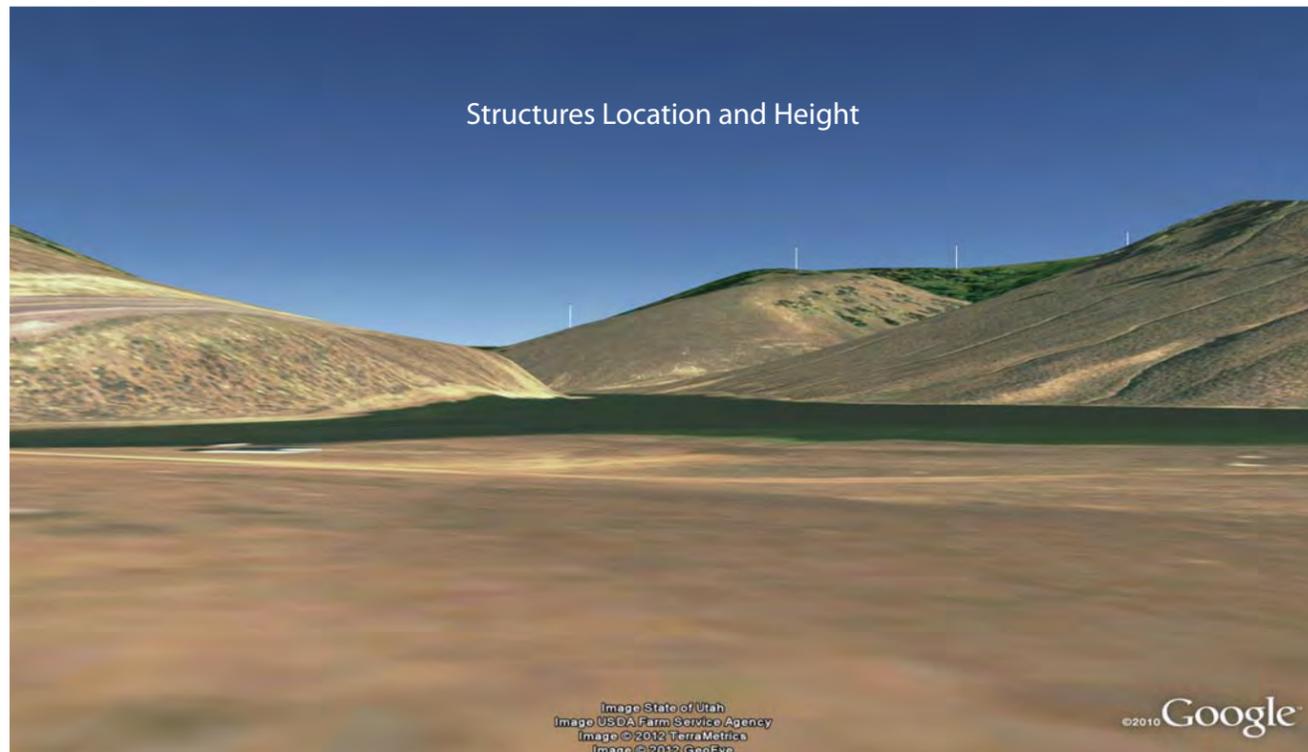
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-48
Energy Loop Scenic Byway
(Utah Route 96)
(Segment 1217.15)





KOP Photograph



Structures Location and Height

Image State of Utah
 Image USDA Farm Service Agency
 Image © 2012 TerraMetrics
 Image © 2012 GeoEye
 © 2010 Google

Form 8400-4
(September 1985)

**UNITED STATES
 DEPARTMENT OF THE INTERIOR
 BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 9/27/11

District **Manti-Lasal National Forest**

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Electric Lake</u> Township <u>13S</u> Range <u>6E</u> Section <u>34</u>	5. Location Sketch Please see Figure 3.12-2
--------------------------------------	---	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Diagonal, bold, rounded	Vertical, complex, pyramidal, amorphous	NA
LINE	Curving, continuous, horizontal	Flowing, complex, irregular, butt edge in background (right-of-way clearing)	NA
COLOR	Tans, blues, reflective	Vivid, tans, greens, grey-green, white	NA
TEXTURE	Smooth surface on reservoir, medium grain	Coarse, stippled, scattered	NA

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Geometric	Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Horizontal, butt edge	Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Tans, grey-green	Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE		Fine grain	Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Explain on reverse side)
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)				
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	
Form		x				x			x				3. Additional mitigating measures recommended <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
Line			x				x		x				
Color			x				x		x				
Texture			x				x		x				

Evaluator's Names EPG	Date 9/27/11
(Review and update as needed by M. Paulson)	
	7/24/12

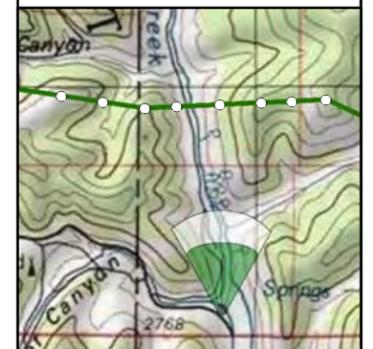
Rationale:

Where the Project would be located within 0.5 miles of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong or moderate contrast and would not be consistent with Partial Retention VQO management objectives. Mitigation measures (VR-1, VR-3, VR-4, VR-5, VR-7, VR-9, VR-10, and VR-12) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 miles away from viewer locations

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



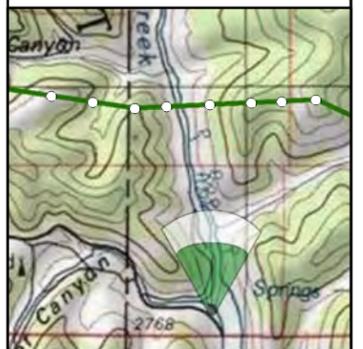
**TRANSWEST EXPRESS
 TRANSMISSION PROJECT**

KOP P-49
 Electric Lake
 (Segment 1217.15)





Project Location



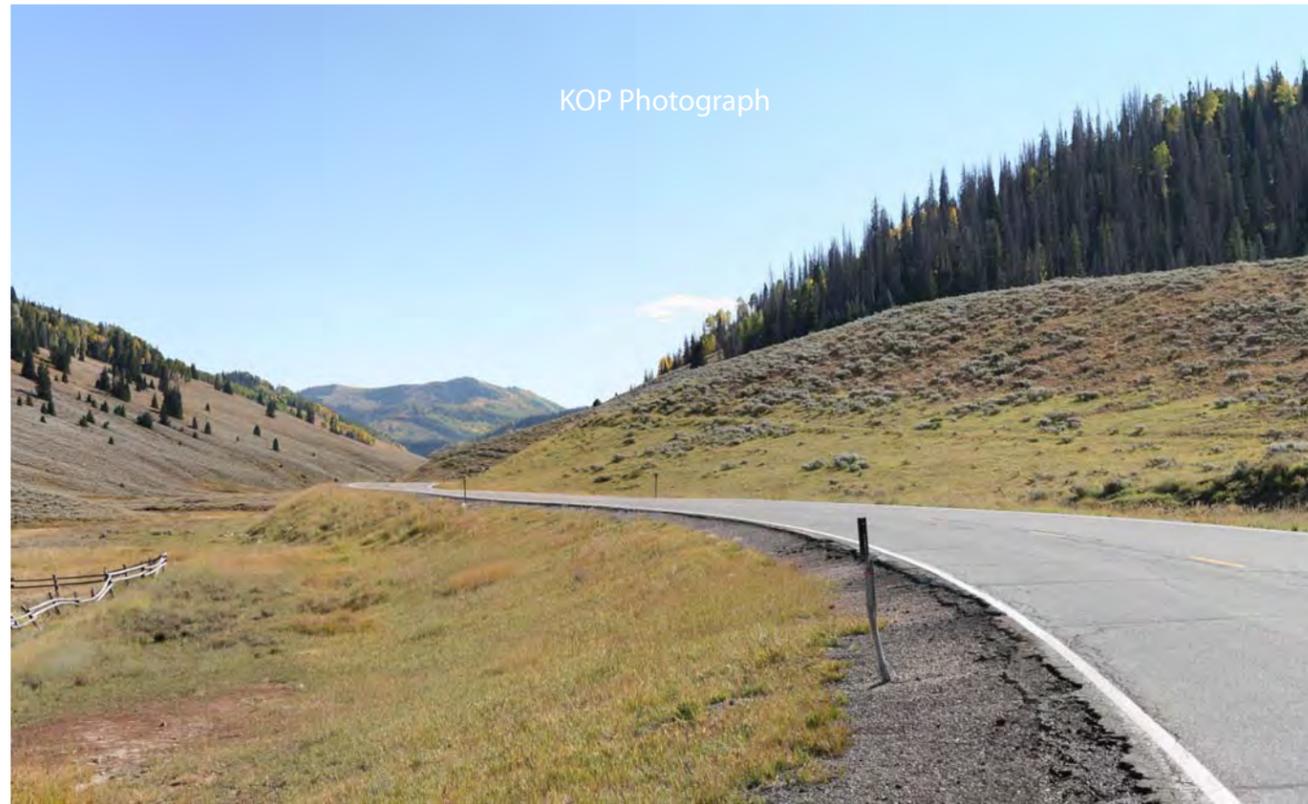
KOP Location



**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP P-49
Simulated Condition
(Segment 1217.15)





KOP Photograph



Structures Location and Height

Image State of Utah
Image USDA Farm Service Agency
Image © 2012 TerraMetrics

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Form 8400-4 (September 1985)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 9/27/12

District Manti-Lasal National Forest

Resource Area _____

Activity (program) _____

SECTION A. PROJECT INFORMATION

1. Project Name <u>TransWest Express</u>	4. Location <u>Energy Loop</u> <u>Scenic Byway</u> <u>Township 13S</u> <u>Range 6E</u> <u>Section 27</u>	5. Location Sketch Please see Figure 3.12-2
2. Key Observation Point <u>P-50</u>		
3. VRM Class <u>USFS VQO Retention</u>		

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Diagonal, bold, rounded	Vertical, complex, pyramidal, amorphous	NA
LINE	Curving, continuous, angular	Flowing, complex, irregular, butt edge in background (right-of-way clearing)	NA
COLOR	Tans	Vivid, tans, greens, grey-green	NA
TEXTURE	Medium grain	Coarse, stippled, scattered	NA

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Geometric	Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Horizontal, butt edge	Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Tans, grey-green	Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE		Fine grain	Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form	X				X				X				Evaluator's Names EPG (Review and update as needed by M. Paulson)	Date 9/27/12 7/24/12
Line	X				X				X					
Color		X			X				X					
Texture	X				X				X					

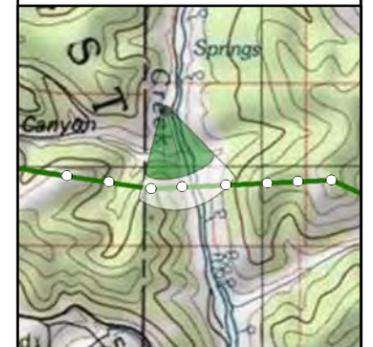
Rationale:

Where the Project would be located within 0.5 miles of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong or moderate contrast and would not be consistent with Partial Retention VQO management objectives. Mitigation measures (VR-1, VR-3, VR-4, VR-5, VR-7, VR-9, VR-10, and VR-12) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 miles away from viewer locations

Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



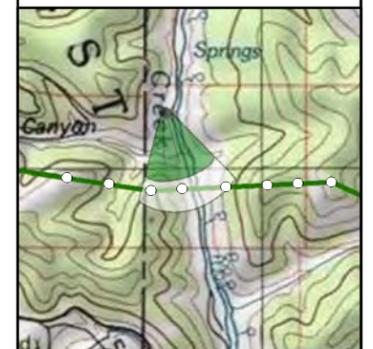
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-50
Energy Loop
Scenic Byway
(Segment 1217.15)

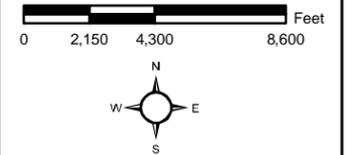




Project Location



KOP Location



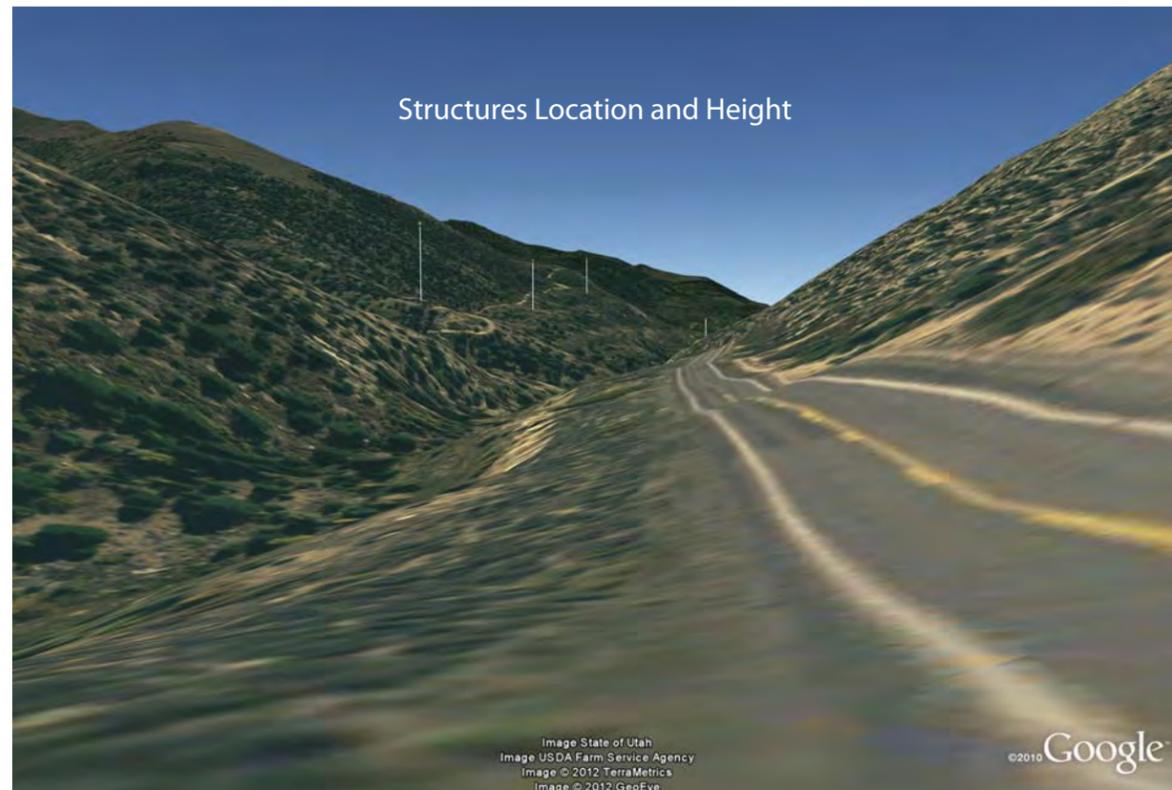
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP P-50
Simulated Condition
(Segment 1217.15)





KOP Photograph



Structures Location and Height

Image State of Utah
Image USDA Farm Service Agency
Image © 2012 TerraMetrics
Image © 2012 GeoEye
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Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 9/28/11
District Price FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Indian Canyon Scenic Byway (US Hwy 191)</u> Township <u>12S</u> Range <u>10E</u> Section <u>21</u>	5. Location Sketch Please see Figure 3.12-2
--------------------------------------	--	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Vertical, prominent, v-shaped	Amorphous patches, pyramidal	Moderately tall, vertical, geometric
LINE	Bold, diagonal, rugged	Irregular, broken, vertical, butt edge (existing right-of-way)	Vertical, concave/horizontal
COLOR	Grays, tans (little exposed soil)	Greens, tans, seasonal variation	Brown
TEXTURE	Coarse grain	Medium grain	Ordered, fine grain, medium density

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Geometric, rectangular	Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Angular, bold, butt edge	Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Tans, grey-green	Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE		fine grained	Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)		
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None			
Form	X				X					X				Evaluator's Names EPG (Review and update as needed by M. Paulson)	Date 9/28/11 7/24/12
Line	X				X					X					
Color		X			X					X					
Texture		X			X					X					

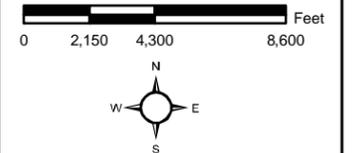
Rationale:
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



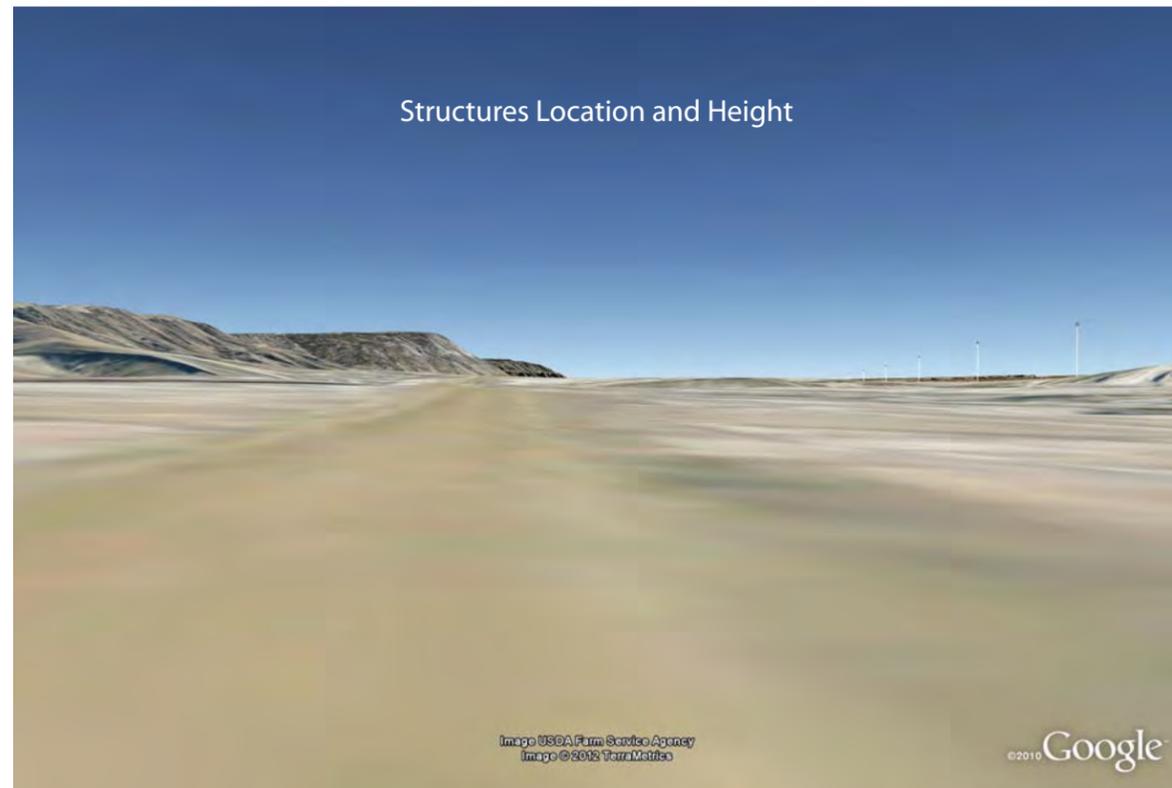
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-51
Indian Canyon Scenic Byway
(U.S. Hwy 191)
(Segment 1217.1)





KOP Photograph



Structures Location and Height

Image USGS Farm Service Agency
Image © 2012 TerraMetrics

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Form 8400-4
(September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 10/4/11

District Price FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Wedge</u> Overlook Scenic Backway Township <u>19S</u> Range <u>9E</u> Section <u>1</u>	5. Location Sketch Please see Figure 3.12-2
--------------------------------------	---	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Shallow slopes, undulating, rugged in areas	Indistinct, patches, stippled, mottled	Vertical, geometric
LINE	Horizontal, diagonal, undulating	Indistinct	Vertical, concave
COLOR	Tans, grays	Grey-greens, tans	Brown
TEXTURE	Medium to coarse grain	Medium grain	Medium grain, medium density, ordered

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Low, rectangular clearings (tower pads)	Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Indistinct, broken, regular	Vertical steel lattice structures, angular guys, and curvilinear conductions.
COLOR		Sage greens, tans	Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE		Fine grain	Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

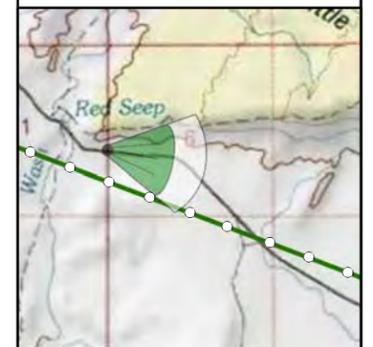
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form			X					X			X		Evaluator's Names EPG (Review and update as needed by M. Paulson)	Date 10/4/11 7/24/12
Line			X					X			X			
Color			X					X			X			
Texture		X						X			X			

Rationale:
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objectives. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-4, VR-6, and VR-7) would further reduce contrasts.

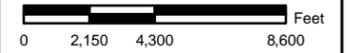
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



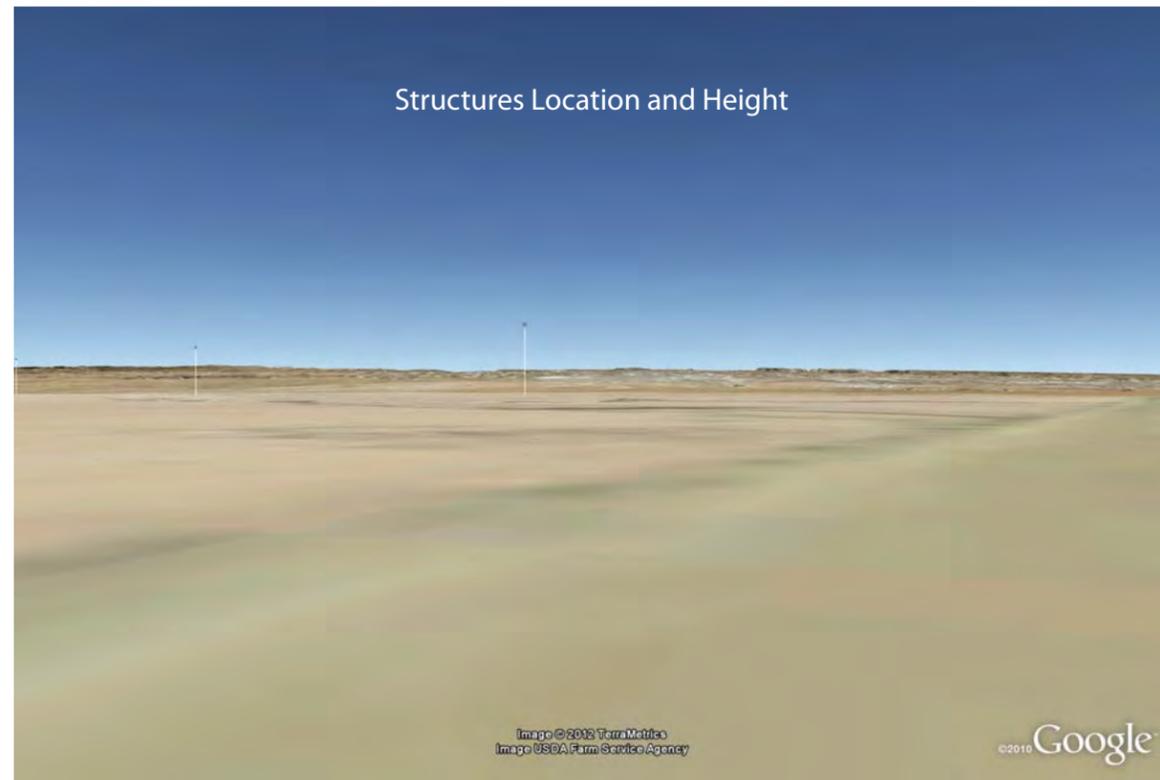
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP P-52
Wedge Overlook
Scenic Backway
(Segment 1225.2)





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 10/4/11

District Price FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Old Spanish</u> Natl Hist Trl (San Rafael SW)	5. Location Sketch Please see Figure 3.12-2
2. Key Observation Point P-53	Township <u>19S</u>	
3. VRM Class III	Range <u>10E</u> Section <u>10</u>	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Flat, smooth	Short, patchy	Low, geometric, vertical
LINE	Horizontal	angular, broken, diffuse edges	Horizontal, vertical, angular
COLOR	Tans, beiges	Gray-greens, tans, dull	Browns, tans
TEX-TURE	Fine grain	Even, medium grain	Medium grain, medium density

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Low, rectangular clearings (tower pads)	Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Indistinct, broken, regular	Vertical steel lattice structures, angular guys, and curvilinear conductions.
COLOR		Sage greens, tans	Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE		Fine grain	Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form			X				X				X		Evaluator's Names EPG (Review and update as needed by M. Paulson)	Date 10/4/11 7/24/12
Line			X				X				X			
Color			X				X				X			
Texture			X				X				X			

Rationale:
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objectives. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-4, VR-6, and VR-7) would further reduce contrasts.

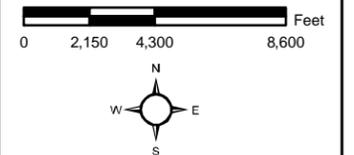
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



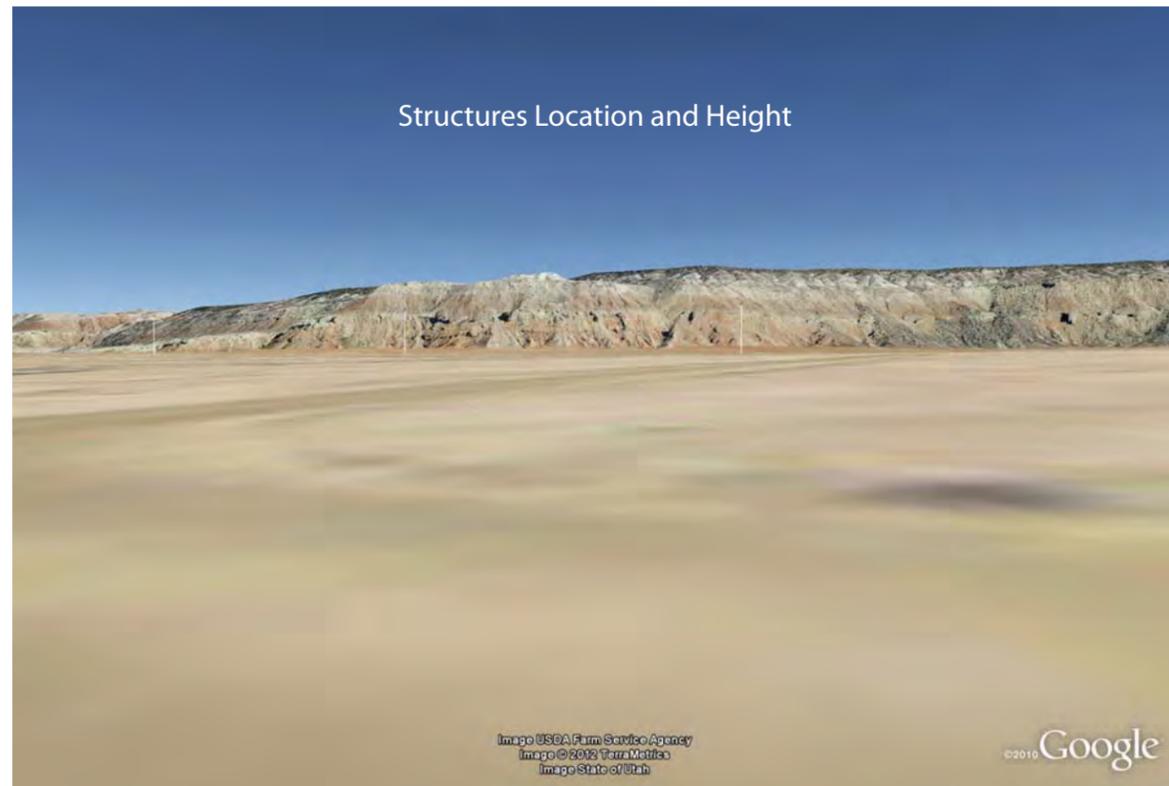
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-53
Old Spanish National Historic Trail
(San Rafael SW)
(Segment 1225.2)





KOP Photography



Structures Location and Height

Image USGS Farm Service Agency
Image © 2012 TerraMetrics
Image State of Utah

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Form 8400-4 (September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 10/4/11

District Price FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location Junction of Road to Buckhorn Wash Township 19S Range 10E Section 13	5. Location Sketch Please see Figure 3.12-2
--------------------------------------	---	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Flat, smooth, Cedar Mountain prominent in background	Short, patchy	Moderately tall, vertical
LINE	Horizontal	Angular, broken, diffuse edges	Vertical
COLOR	Tans, beiges	Gray-greens, dull	Brown
TEXTURE	Fine grain	Even, medium grain	Fine grain, medium density, ordered

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Low, rectangular clearings (tower pads)	Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Indistinct, broken, regular	Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Sage greens, tans	Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE		Fine grain	Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)		
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None			
Form			x				x				x			Evaluator's Names EPG (Review and update as needed by M. Paulson)	Date 7/24/12
Line			x				x				x				
Color			x				x				x				
Texture			x				x				x				

Rationale:
Where the Project would be located within 0.5 mile of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III management objectives. Mitigation measures (VR-1, VR-3, VR-4, VR-5, VR-7, VR-9, VR-10, and VR-12) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 mile away from viewer locations.

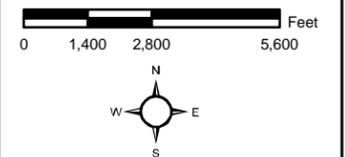
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



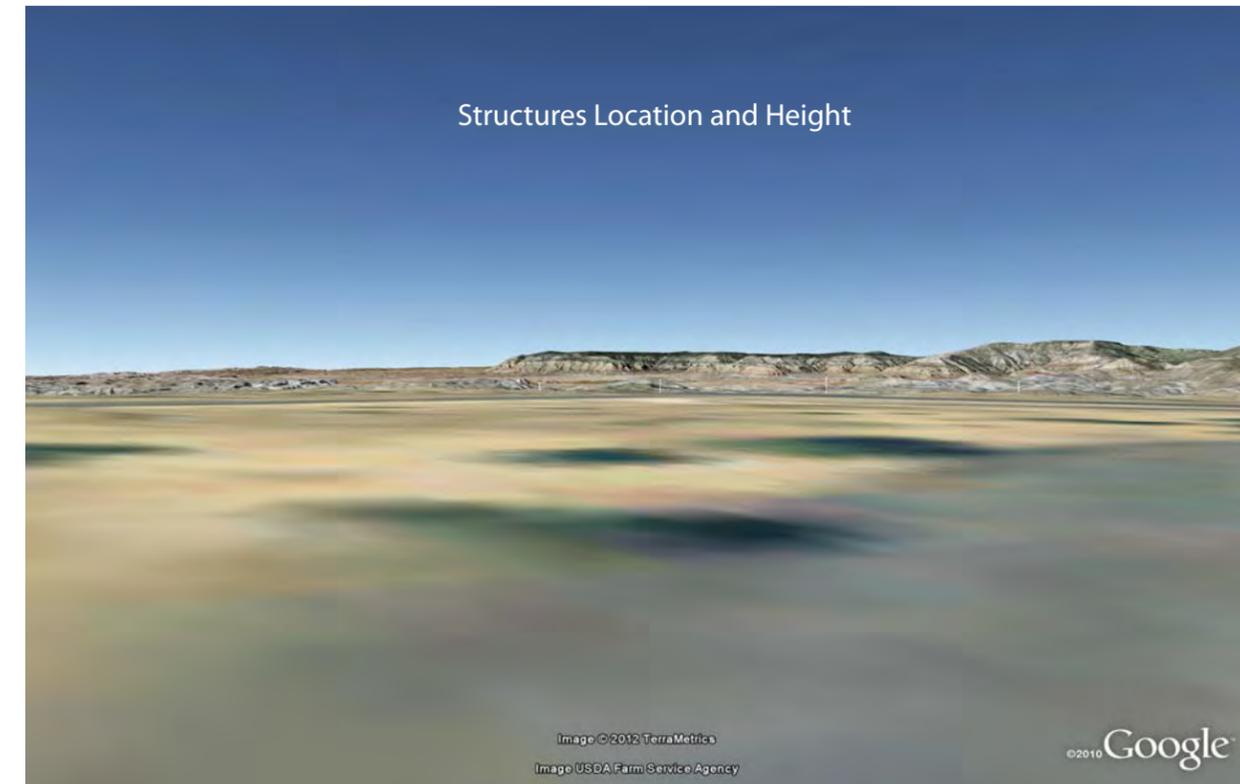
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP P-54
Junction of Road to
Buckhorn Wash
(Segment 1225.2)





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 10/5/11
 District Price FO
 Resource Area
 Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>US-6 Rest Area (Dino Diamond Byway)</u> Township <u>16S</u> Range <u>13E</u> Section <u>23</u>	5. Location Sketch Please see Figure 3.12-2
--------------------------------------	--	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Shallow to moderate slopes, rolling	Indistinct, amorphous, stippled	Moderately tall, vertical, geometric
LINE	Horizontal, diagonal, undulating	Indistinct, regular	Angular, concave, horizontal
COLOR	Trans	Dark greens, tans	Brown
TEXTURE	Fine to medium grain	Medium grain, grouped	Medium grain, sparse

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		NA	Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		NA	Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		NA	Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE		NA	Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)				
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	
Form				X					X	X			3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Explain on reverse side)
Line				X					X	X			
Color				X					X	X			
Texture				X					X	X			

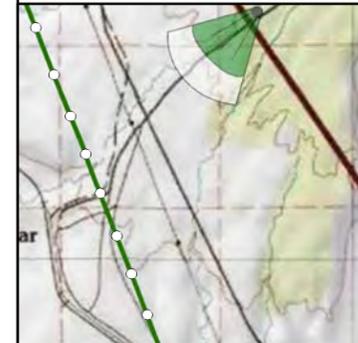
Evaluator's Names EPG (Review and update as needed by M. Paulson)	Date 10/5/11 7/24/12
---	--------------------------------

Rationale:
 Where the Project would be located within 0.5 mile of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III management objectives. Mitigation measures (VR-1, VR-3, VR-4, VR-5, VR-7, VR-9, VR-10, and VR-12) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 mile away from viewer locations.

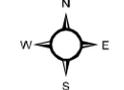
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



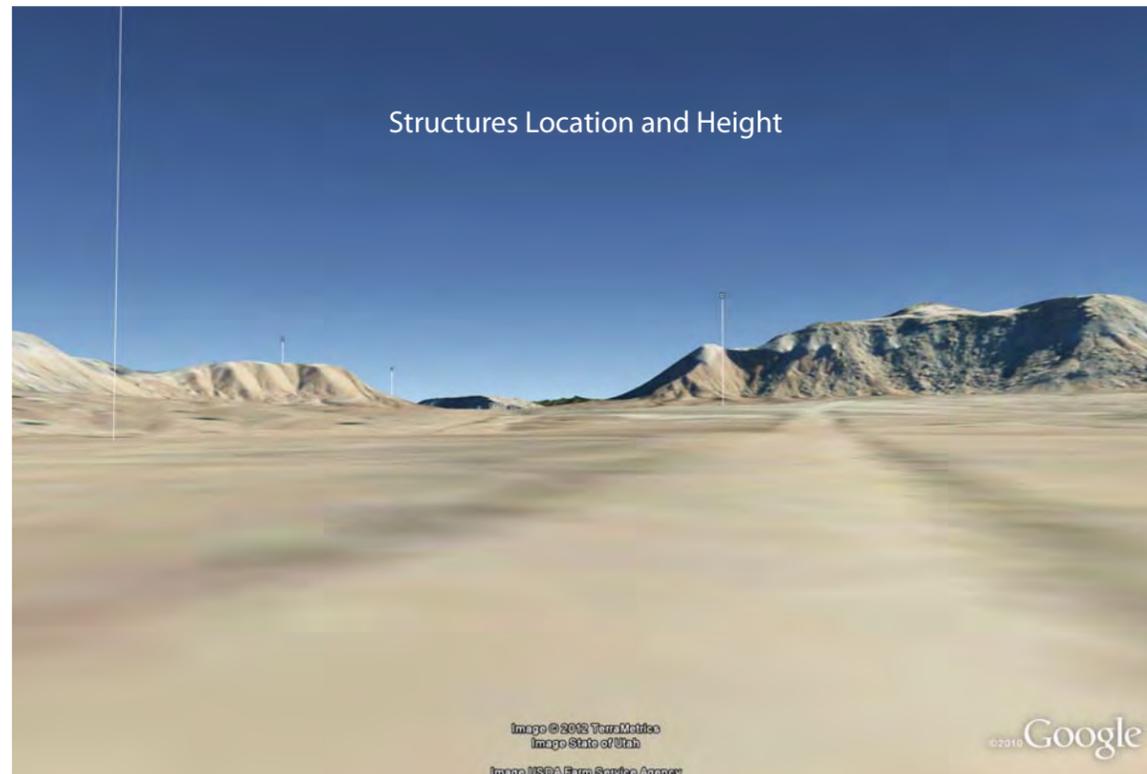
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP P-56
 U.S. Highway 6 Rest Area
 (Dinosaur Diamond Byway)
 (Segment 1222.05)





KOP Photograph



Structures Location and Height

Image © 2012 TerraMetrics
Image State of Utah
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Image USDA Farm Service Agency

Form 8400-4
(September 1985)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

VISUAL CONTRAST RATING WORKSHEET

Date 7/24/12

District Price FO

Resource Area _____

Activity (program) _____

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Green River</u> <u>Cutoff – Cty Rd 401.</u>	5. Location Sketch Please see Figure 3.12-2
2. Key Observation Point P-57	Township <u>19S</u>	
3. VRM Class III	Range <u>13E</u>	
	Section <u>13</u>	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

1. LAND/WATER		2. VEGETATION	3. STRUCTURES
FORM	Bold vertical and horizontal planar and banding	Organic clumps of juniper and grasses	Planar roadway.
LINE	Vertical and horizontal	Indistinct	Curvilinear roadway
COLOR	Light to dark tans, browns and greys	Light to medium tans and dark green	Light to medium brown
TEXTURE	Smooth to coarse.	Medium to coarse	Smooth

SECTION C. PROPOSED ACTIVITY DESCRIPTION

1. LAND/WATER		2. VEGETATION	3. STRUCTURES
FORM		Low, rectangular clearings (tower pads)	Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Indistinct, broken, regular	Vertical steel lattice structures, angular guys, and curvilinear conductions.
COLOR		Sage greens, tans	Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE		Fine grain	Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

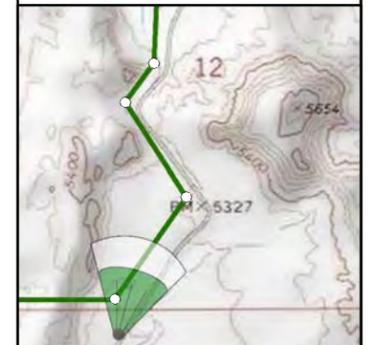
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Explain on reverse side)					
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)				
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None						
Form													X				Evaluator's Names M. Paulson	Date 7/24/12
Line													X					
Color													X					
Texture													X					

Rationale:
Where the Project would be located within 0.5 mile of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III management objectives. Mitigation measures (VR-1, VR-3, VR-4, VR-5, VR-7, VR-9, VR-10, and VR-12) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 mile away from viewer locations.

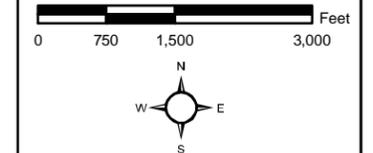
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



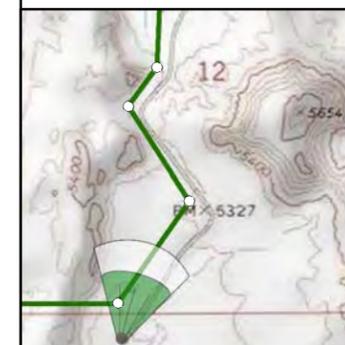
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP P-57
Green River Cutoff
County Road 401
(Segment 1225.2)

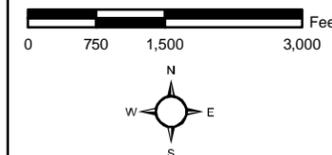




Project Location



KOP Location



**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP P-57
Simulated Condition
(Segment 1225.2)

