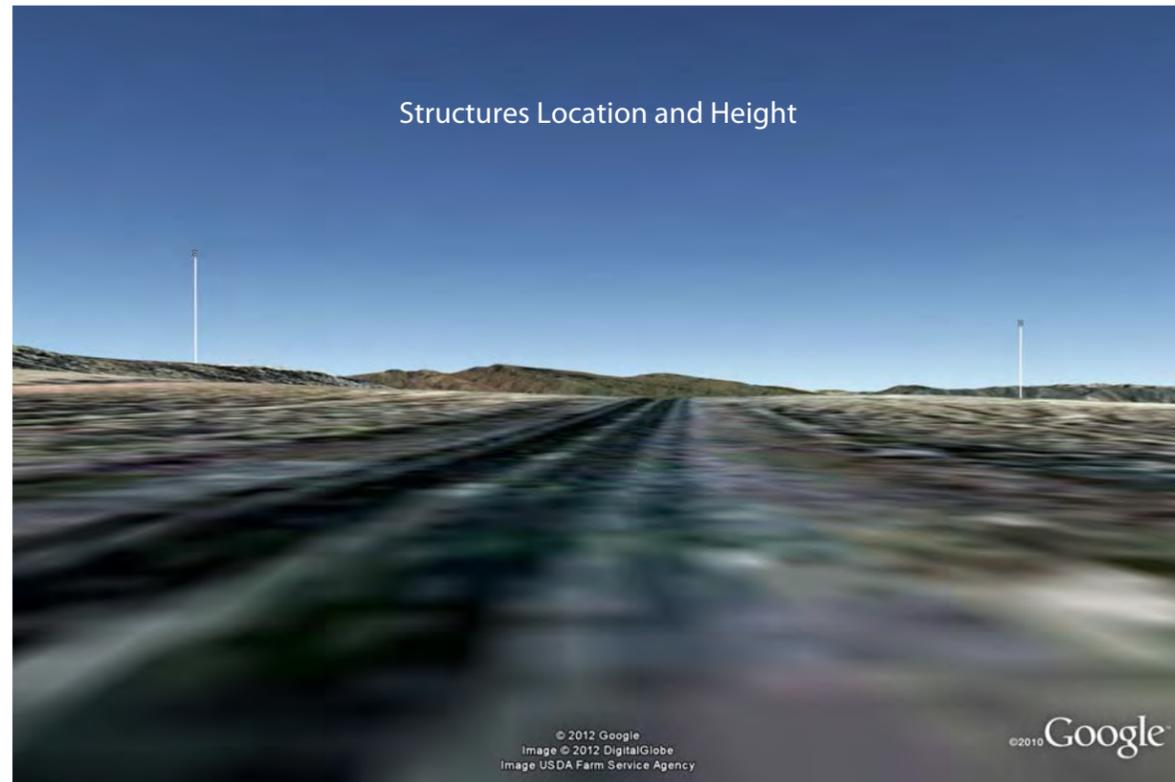


KOP Photograph



Structures Location and Height

© 2012 Google  
Image © 2012 DigitalGlobe  
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 10/03/2010

District Rawlins FO

Resource Area

Activity (program)

---

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>Wyoming</u> SH-71 (NB) Township <u>21N</u> Range <u>87W</u> Section <u>31</u>	5. Location Sketch  Please see Figure 3.1-1
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**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar angular, horizontal, and rolling ridges. Angular side slopes and erosion cuts.	Organic planes of grasses.	Planar foreground roadway. Cubed structures. Linear markers and fence posts.
LINE	Strong foreground angular skyline. Angular side slopes. Linear, mostly horizontal rock formations.	Indistinct grasses.	Linear horizontal foreground roadway, horizontal and vertical structures, and vertical markers and fence posts.
COLOR	Medium, tan and brown landform.	Light tan to brown grasses.	Medium to dark grey foreground roadway, white to light grey structures, and dark brown fence posts.
TEXTURE	Smooth, moderate, and coarse landform.	Smooth to coarse grasses.	Smooth to medium foreground roadway, markers, 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 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 10/03/2010
Line											X			
Color											X			
Texture												X		

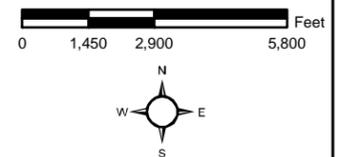
Rationale:  
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP R-5  
Wyoming State Hwy 71  
(northbound)  
(Segment 1030)

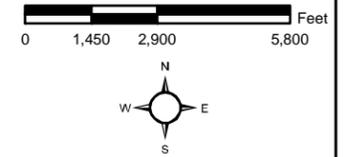




Project Location



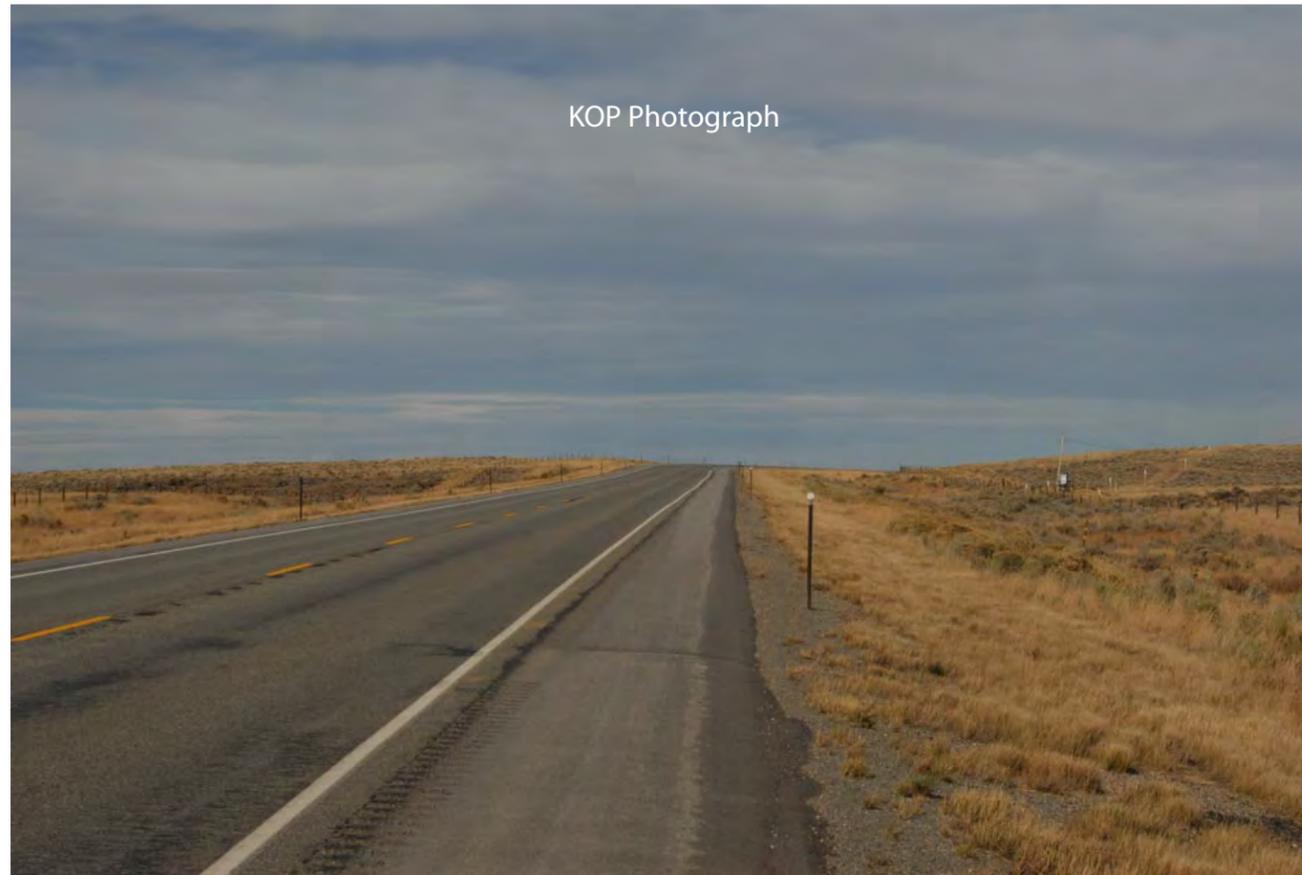
KOP Location



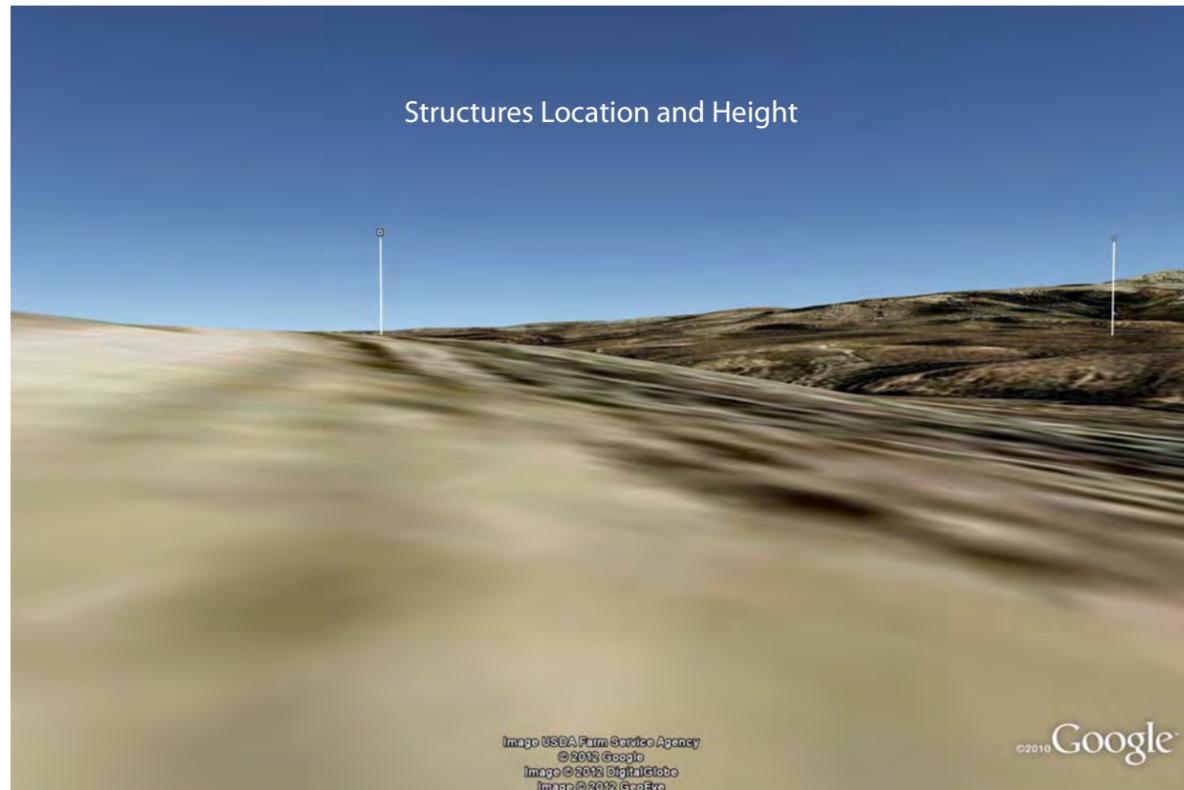
**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP R-5  
Simulated Condition  
(Segment 1030)





KOP Photograph



Structures Location and Height

Image USDA Farm Service Agency  
 © 2012 Google  
 Image © 2012 DigitalGlobe  
 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 10/15/2011

District Rawlins FO

Resource Area

Activity (program)

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>Wyoming</u> <u>SH-789 (NB)</u>	5. Location Sketch Please see Figure 3.12-1
2. Key Observation Point R-6	Township <u>19N</u>	
3. VRM Class IV (VRI Class II)	Range <u>92W</u> Section <u>3</u>	

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar horizontal and rolling ridges. Angular side slopes and erosion cuts.	Organic clumps of rabbitbrush, sagebrush and grasses.	Planar foreground roadway. Linear markers and fence posts.
LINE	Strong horizontal skyline. Angular side slopes.	Indistinct sagebrush, rabbitbrush and grasses.	Linear horizontal foreground roadway, and vertical markers and fence posts.
COLOR	Medium, grey and brown exposed eroded slopes.	Yellowish olive green rabbitbrush. Olive green sagebrush. Golden tan to brown grasses and forbs.	Light to medium grey foreground roadway, green markers, and dark brown fence posts.
TEXTURE	Smooth to moderate exposed soils.	Coarse sagebrush and rabbitbrush. Smooth to coarse grasses.	Smooth to medium foreground roadway, markers, and fence posts..

**SECTION C. PROPOSED ACTIVITY DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Strongly pyramidal steel lattice structures and guys, spherical jumpers, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, rounded jumpers, 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 10/15/2011
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.

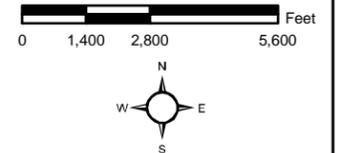
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



**TRANSWEST EXPRESS  
 TRANSMISSION PROJECT**

KOP R-6  
 Wyoming SH 789  
 (northbound)  
 (Segment 1030)

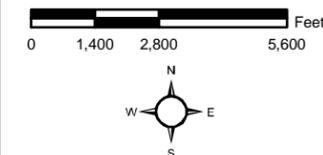




Project Location



KOP Location



**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP R-6  
Simulated Condition  
(Segment 1030)

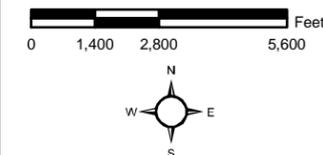




Project Location



KOP Location



**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

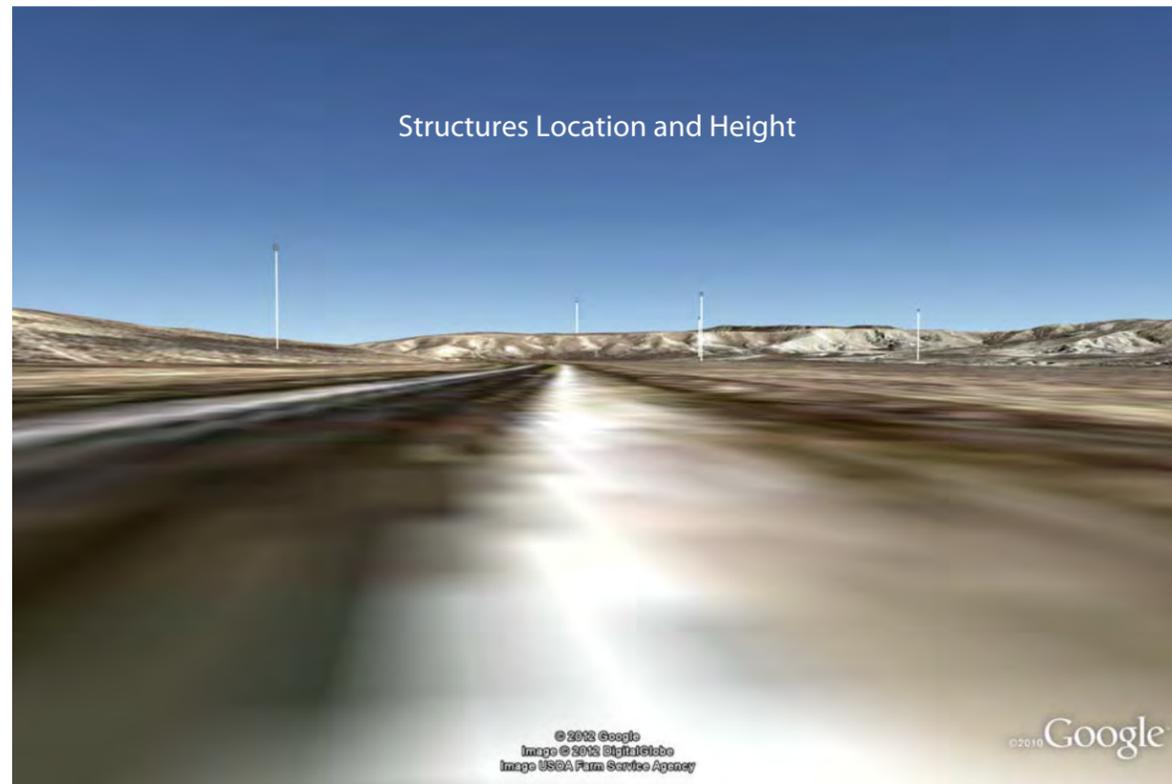
KOP R-6  
Cumulative Condition  
(Segment 1030)







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 10/03/2010

District Rawlins FO

Resource Area

Activity (program)

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>Wyoming</u> SH-789 (NB) Township <u>13N</u> Range <u>91W</u> Section <u>15</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 rolling ridges. Angular side slopes and erosion cuts.	Organic clumps of rabbitbrush, sagebrush and grasses.	Planar foreground roadway. Linear markers and fence posts.
LINE	Strong horizontal skyline. Angular side slopes.	Indistinct sagebrush, rabbitbrush and grasses.	Linear horizontal foreground roadway, and vertical markers and fence posts.
COLOR	Light to medium tan and brown exposed eroded slopes.	Yellowish olive green rabbitbrush. Olive green sagebrush. Golden tan to brown grasses and forbs.	Light to medium grey foreground roadway, green markers, and dark brown fence posts.
TEXTURE	Smooth to moderate exposed soils.	Coarse sagebrush and rabbitbrush. Smooth to coarse grasses.	Smooth to medium foreground roadway, markers, 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

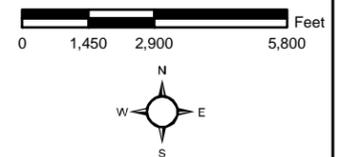
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (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 10/03/2010
Line													X		
Color													X		
Texture													X		



Project Location



KOP Location



**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP R-8  
Wyoming State Hwy 789  
(northbound)  
(Segment 1190)



**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.

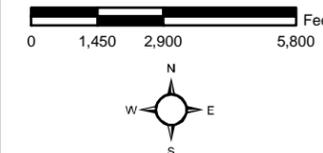
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



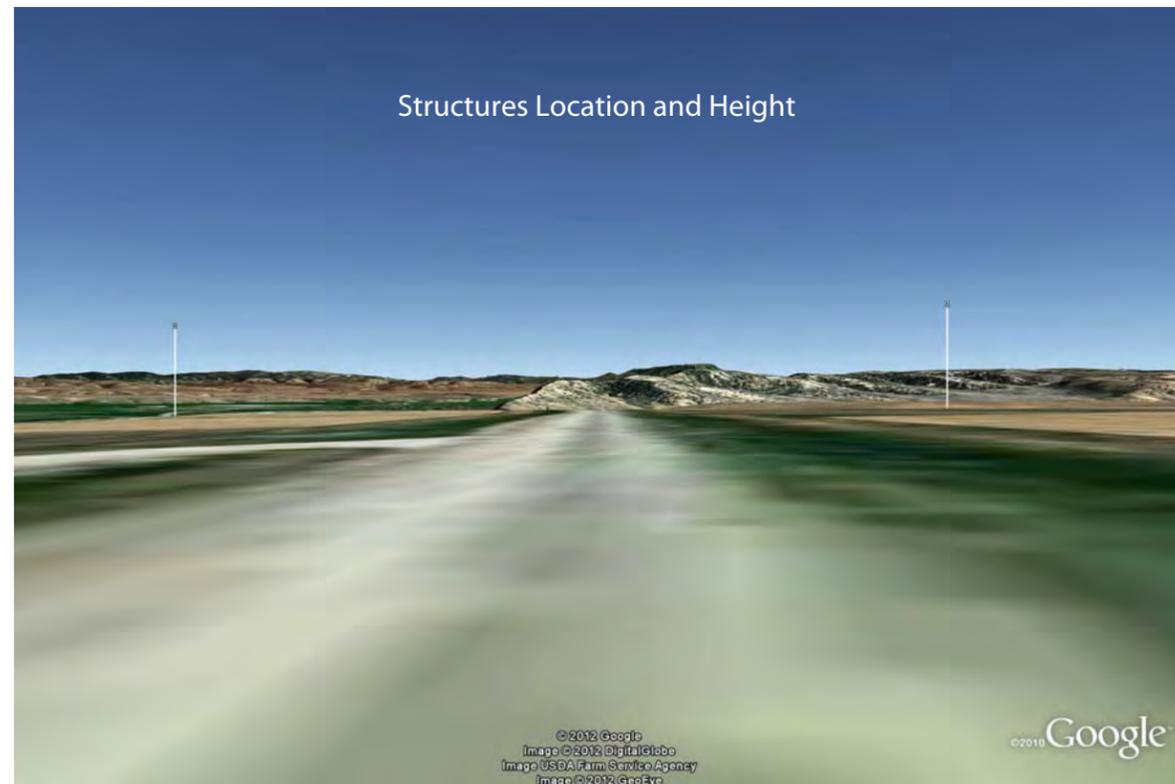
**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP R-8  
Simulated Condition  
(Segment 1190)





KOP Photograph



Structures Location and Height

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Image USDA Farm Service Agency  
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 10/03/2010  
District Rawlins FO  
Resource Area  
Activity (program)

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>Wyoming</u> <u>SH-70 (EB)</u> <u>Township 12N</u> <u>Range 90W</u> <u>Section 7</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 rolling ridges. Angular side slopes and erosion cuts.	Organic clumps of rabbitbrush, sagebrush and grasses.	Planar foreground roadway. Linear markers and fence posts. Cubed ranch buildings.
LINE	Strong horizontal skyline. Angular side slopes.	Indistinct sagebrush, rabbitbrush and grasses.	Linear horizontal foreground roadway, and vertical markers and fence posts..Horizontal and vert. ranch blds.
COLOR	Light to medium tan and brown exposed eroded slopes.	Yellowish olive green rabbitbrush. Olive green sagebrush. Golden tan to brown grasses and forbs.	Light to medium grey foreground roadway, green markers, and dark brown fence posts.
TEXTURE	Smooth to moderate exposed soils.	Coarse sagebrush and rabbitbrush. Smooth to coarse grasses.	Smooth to medium foreground roadway, markers, 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

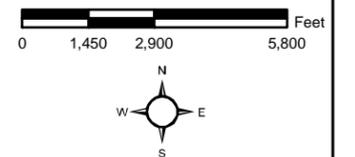
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <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 10/03/2010	
Line										X				
Color										X				
Texture											X			



Project Location



KOP Location



**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP R-9  
Wyoming State Hwy 70  
(eastbound)  
(Segment 1190)



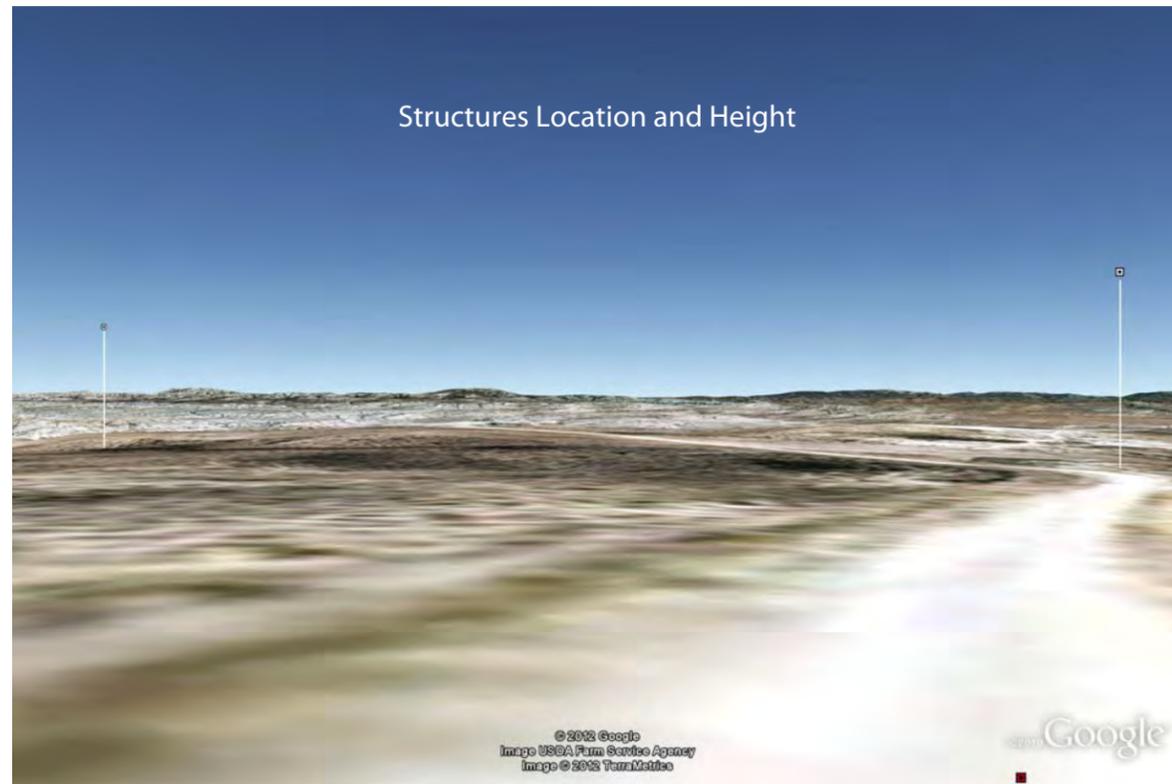
**Rationale:**

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 10/03/2010

District **Rawlins FO**

Resource Area

Activity (program)

---

**SECTION A. PROJECT INFORMATION**

1. Project Name <b>TransWest Express</b>	4. Location <u>Cherokee Trail Road</u>	5. Location Sketch  Please see Figure 3.12-1
2. Key Observation Point <b>R-10</b>	Township <u>13N</u>	
3. VRM Class <b>III (VRI Class III)</b>	Range <u>94W</u> Section <u>30</u>	

---

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar angular, horizontal, and rolling ridges. Angular side slopes and erosion cuts.	Organic shapes of sagebrush and grasses. Planar pipeline ROW.	Planar roads.
LINE	Strong foreground angular skyline. Angular side slopes. Linear, mostly horizontal rock formations.	Indistinct sagebrush and grasses. Linear pipeline ROW	Linear roads.
COLOR	Light to medium tan and brown landform and exposed soils.	Light grey-green sagebrush and light tan to brown grasses. Medium brown pipeline ROW.	Light tan roads.
TEXTURE	Smooth, moderate, and coarse landform.	Smooth to coarse sagebrush and grasses.	Smooth roads.

---

**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.

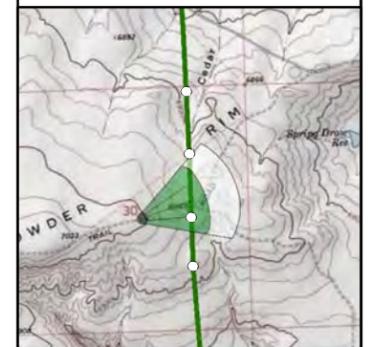
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**SECTION D. CONTRAST RATING**     SHORT TERM     LONG TERM

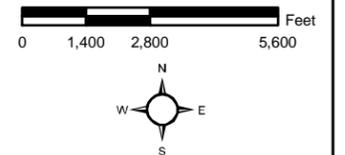
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <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 10/03/2010
Line													x	
Color													x	
Texture													x	



Project Location



KOP Location



**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.

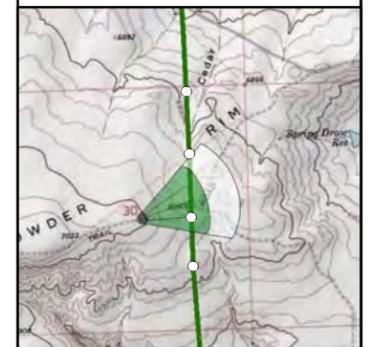
**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

**KOP R-10  
Cherokee Trail Road  
(Segment 1120.2)**

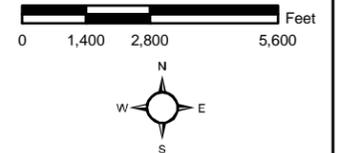




Project Location



KOP Location



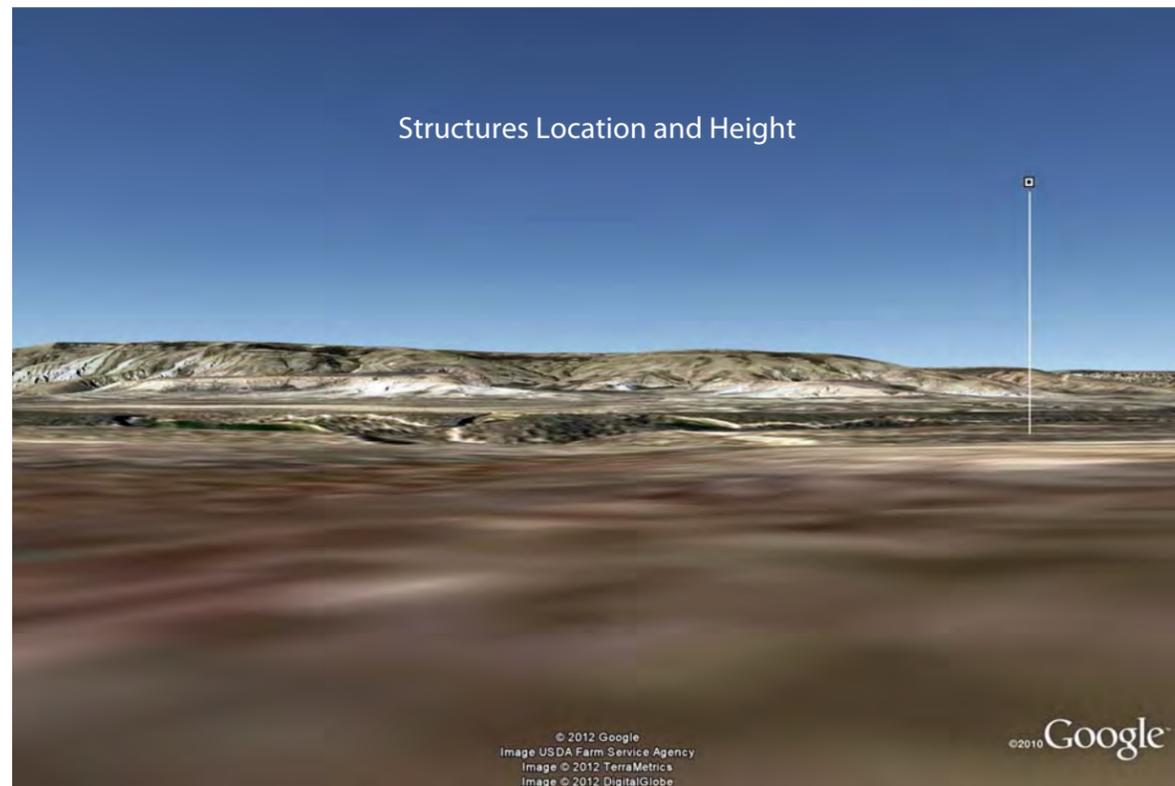
**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP R-10  
Simulated Condition  
(Segment 1120.2)





KOP Photograph



Structures Location and Height

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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 10/22/2011  
District Rawlins FO  
Resource Area  
Activity (program)

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>Old Cherokee Trail/Wyoming SH-789</u>	5. Location Sketch Please see Figure 3.12-1
2. Key Observation Point R-11	Township <u>13N</u>	
3. VRM Class IV (VRI-Class III)	Range <u>91W</u>	
	Section <u>4</u>	

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar horizontal and angular ridges. Angular side slopes and erosion cuts.	Organic clumps of sagebrush and grasses.	Planar foreground fence posts. Columnar utility poles. Middleground curvilinear roadway.
LINE	Strong angular skyline. Angular side slopes. Horizontal valley floor.	Indistinct sagebrush and grasses. Meandering greasewood.	Linear vertical fence posts and utility poles.
COLOR	Very light, medium, and dark grey and brown exposed eroded slopes.	Yellowish olive green sagebrush. Golden tan to brown grasses and forbs.	Dark brown fence posts and utility poles.
TEXTURE	Smooth to moderate exposed soils.	Coarse sagebrush and background junipers. Smooth to coarse grasses.	Smooth to fence posts and utility poles.

**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 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.

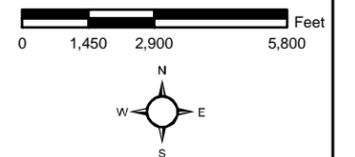
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



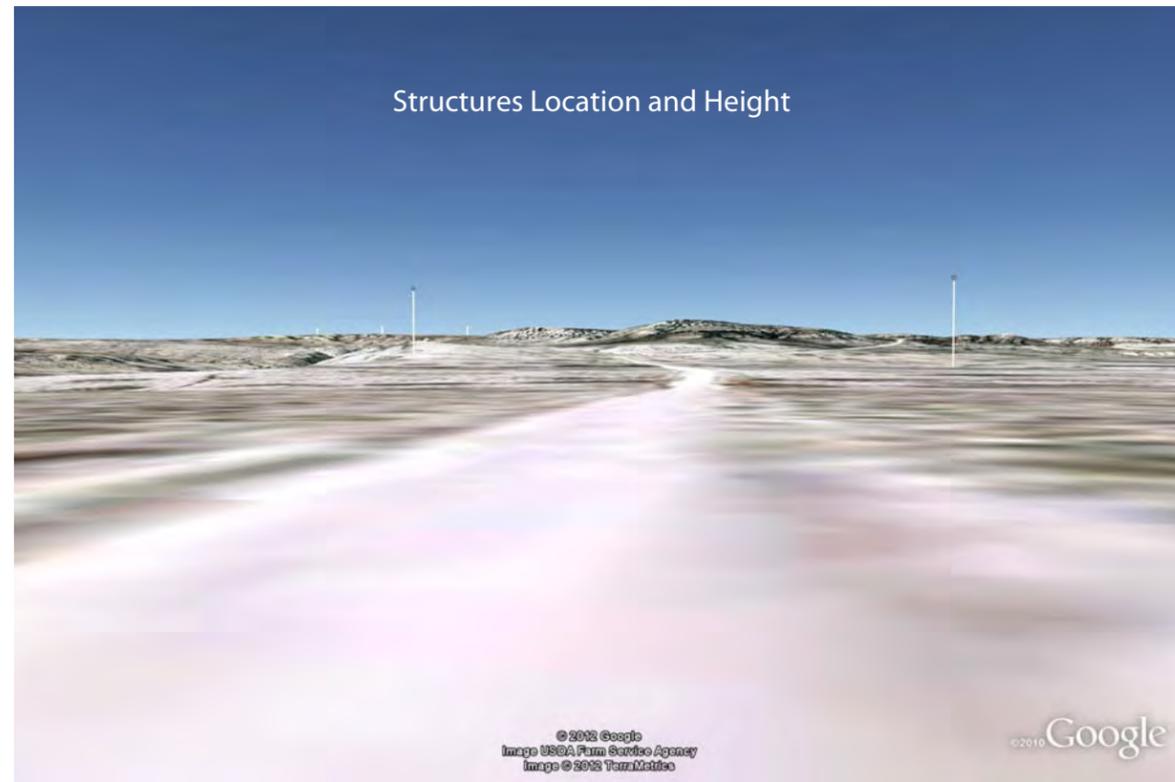
**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP R-11  
Old Cherokee Trail - near  
Wyoming State Hwy 789  
(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 08/11/2011

District Rawlins FO

Resource Area

Activity (program)

---

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>Shell Creek</u> <u>Stock Trail</u> Township <u>13N</u> Range <u>94W</u> Section <u>22</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 angular, horizontal, and rolling ridges. Angular side slopes and erosion cuts.	Organic shapes of pinyon-juniper, sagebrush and grasses.	Planar roads.
LINE	Strong foreground angular skyline. Angular side slopes. Linear, mostly horizontal rock formations.	Indistinct pinyon-juniper, sagebrush and grasses.	Linear meandering roads.
COLOR	Light to medium tan and brown landform and exposed soils.	Dark green pinyon-juniper. Light grey-green sagebrush and light tan to brown grasses.	Light tan roads.
TEXTURE	Smooth, moderate, and coarse landform.	Smooth to coarse pinyon-juniper, sagebrush and grasses.	Smooth roads.

---

**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.

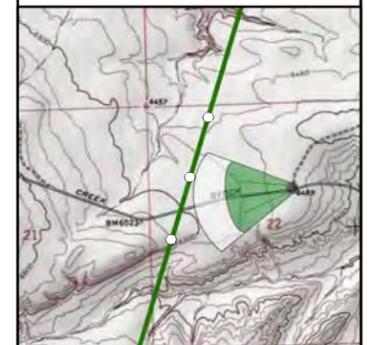
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**SECTION D. CONTRAST RATING**     SHORT TERM     LONG TERM

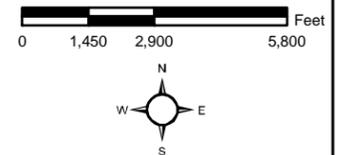
ELEMENTS	DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Explain on reverse side)	3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> 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 08/11/2011
Line													X			
Color													X			
Texture													X			



Project Location



KOP Location



**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP R-12  
Shell Creek Stock Trail  
(Segment 1120)



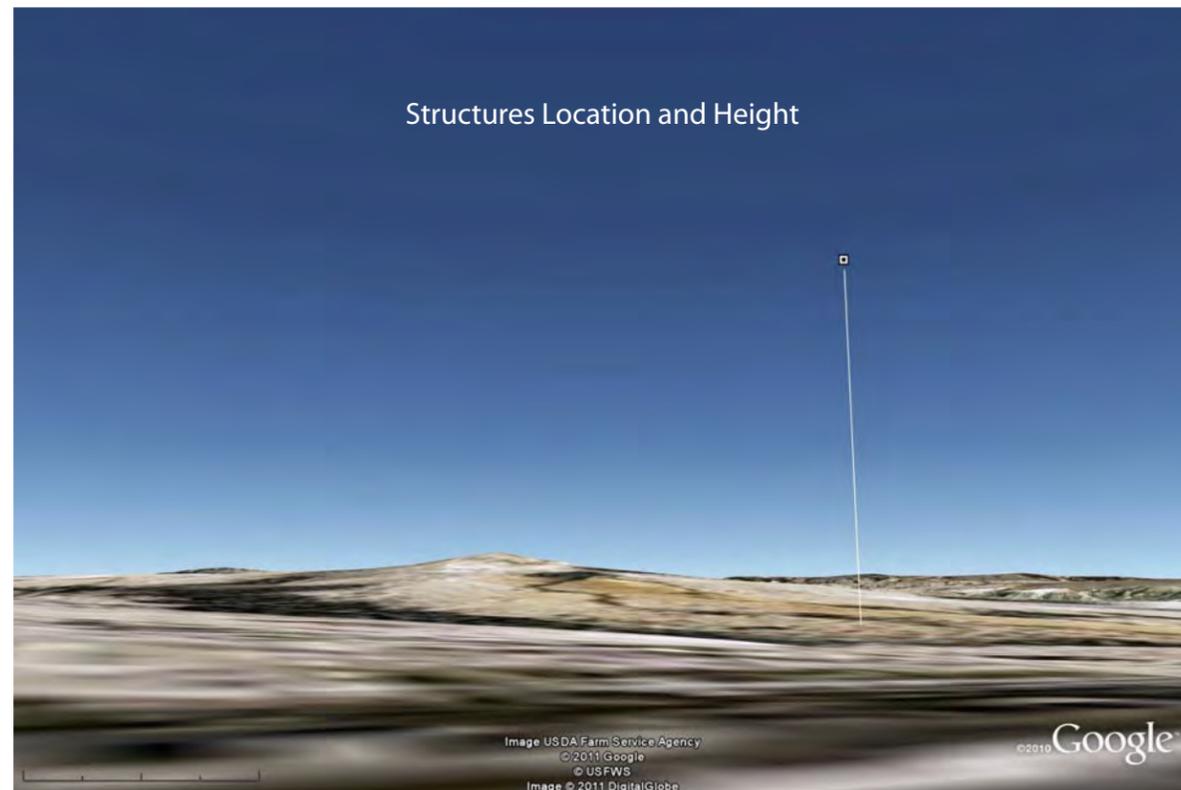
**Rationale:**

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 10/15/2011

District **Rawlins FO**

Resource Area

Activity (program)

---

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>Overland</u> Trail-Wyoming SH 789	5. Location Sketch  Please see Figure 3.12-1
2. Key Observation Point R-13	Township <u>17N</u>	
3. VRM Class IV (VRI Class II)	Range <u>92W</u> Section <u>9</u>	

---

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar horizontal and angular ridges. Angular side slopes and erosion cuts.	Organic clumps of pinyon-juniper, sagebrush and grasses.	Planar foreground roadway. Linear markers and fence posts.
LINE	Strong horizontal skyline. Angular side slopes. Horizontal valley floor.	Indistinct sagebrush, pinyon-juniper and grasses. Meandering sagebrush.	Linear horizontal foreground roadway, and vertical markers and fence posts.
COLOR	Very light, medium, and dark grey and brown exposed eroded slopes.	Bluish olive green sagebrush. Dark green pinyon-juniper. Golden tan to brown grasses and forbs.	Light to medium grey foreground roadway, green markers, and dark brown fence posts.
TEXTURE	Smooth to moderate exposed soils.	Coarse pinyon-juniper and sagebrush. Smooth to coarse grasses.	Smooth to medium foreground roadway, markers, and fence posts.

---

**SECTION C. PROPOSED ACTIVITY DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Strongly pyramidal steel lattice structures and 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			Course steel lattice structures and smooth 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	X			Evaluator's Names M. Paulson	Date 11/15/2011
Line				X				X	X					
Color				X				X	X					
Texture				X				X		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.

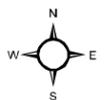
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



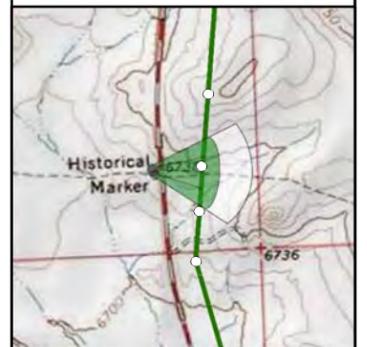
**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP R-13  
Overland Trail  
Wyoming SH 789  
(Segment 1190)

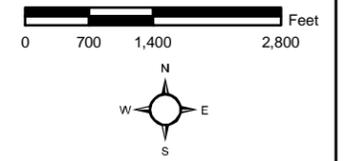




Project Location



KOP Location



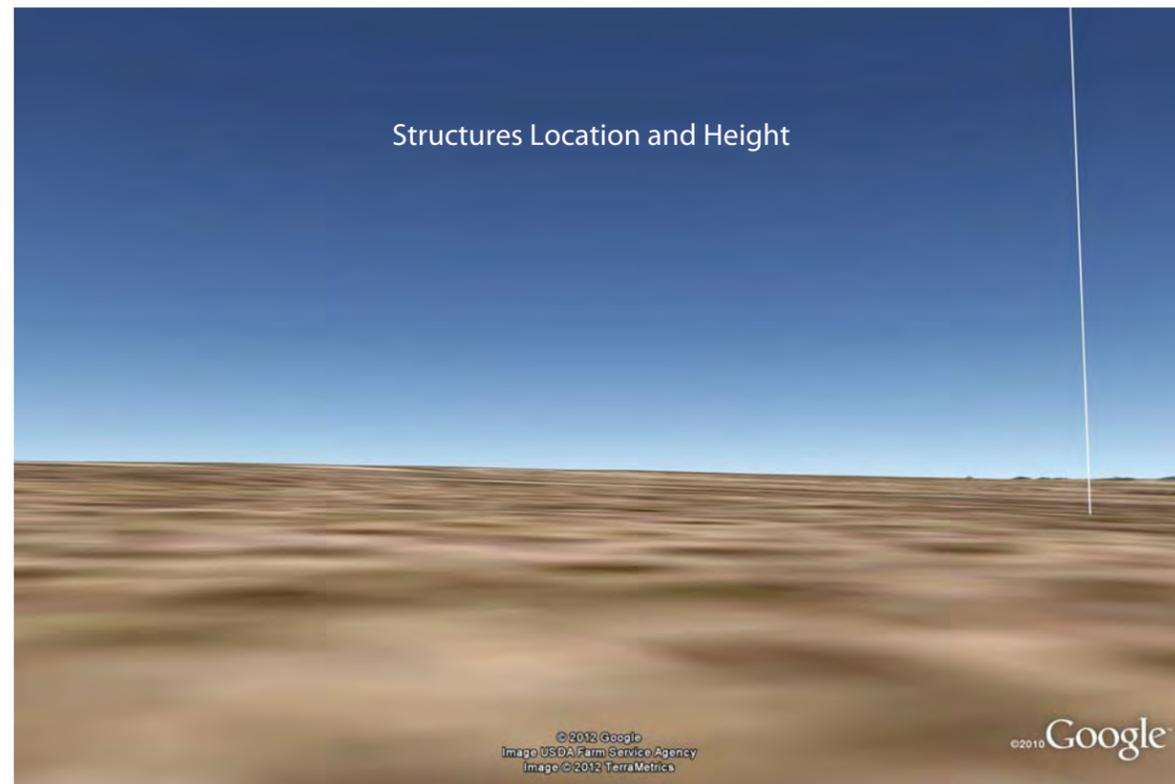
**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP R-13  
Simulated Condition  
(Segment 1190)





KOP Photograph



Structures Location and Height

©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 10/15/2011

District Rawlins FO

Resource Area

Activity (program)

---

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>Overland</u> Trail	5. Location Sketch  Please see Figure 3.12-1
2. Key Observation Point R-14	Township <u>17N</u>	
3. VRM Class III (IV)	Range <u>93W</u> Section <u>16</u>	

---

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar horizontal and angular ridges. Angular side slopes and erosion cuts.	Organic clumps of rabbitbrush, sagebrush and grasses.	Planar foreground roadway. Pyramidal pump jacks and cylindrical tanks.
LINE	Strong horizontal skyline. Angular side slopes. Horizontal valley floor.	Indistinct sagebrush, rabbitbrush and grasses. Meandering greasewood.	Linear horizontal foreground roadway, complex pump jacks and curvilinear and vertical tanks.
COLOR	Very light, medium, and dark grey and brown exposed eroded slopes.	Yellowish olive green rabbitbrush. Golden tan to brown grasses and forbs.	Light to medium brown foreground roadway and dark brown pump jacks and tanks.
TEXTURE	Smooth to moderate exposed soils.	Coarse junipers and greasewood. Smooth to coarse grasses.	Smooth to medium foreground roadway and pump jacks and tanks.

---

**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: 07/22/2011
Line													X	
Color													X	
Texture													X	

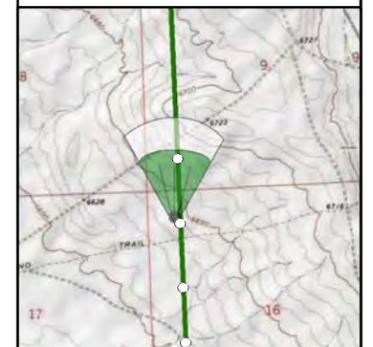
**Rationale:**

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.

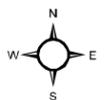
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



**TRANSWEST EXPRESS TRANSMISSION PROJECT**

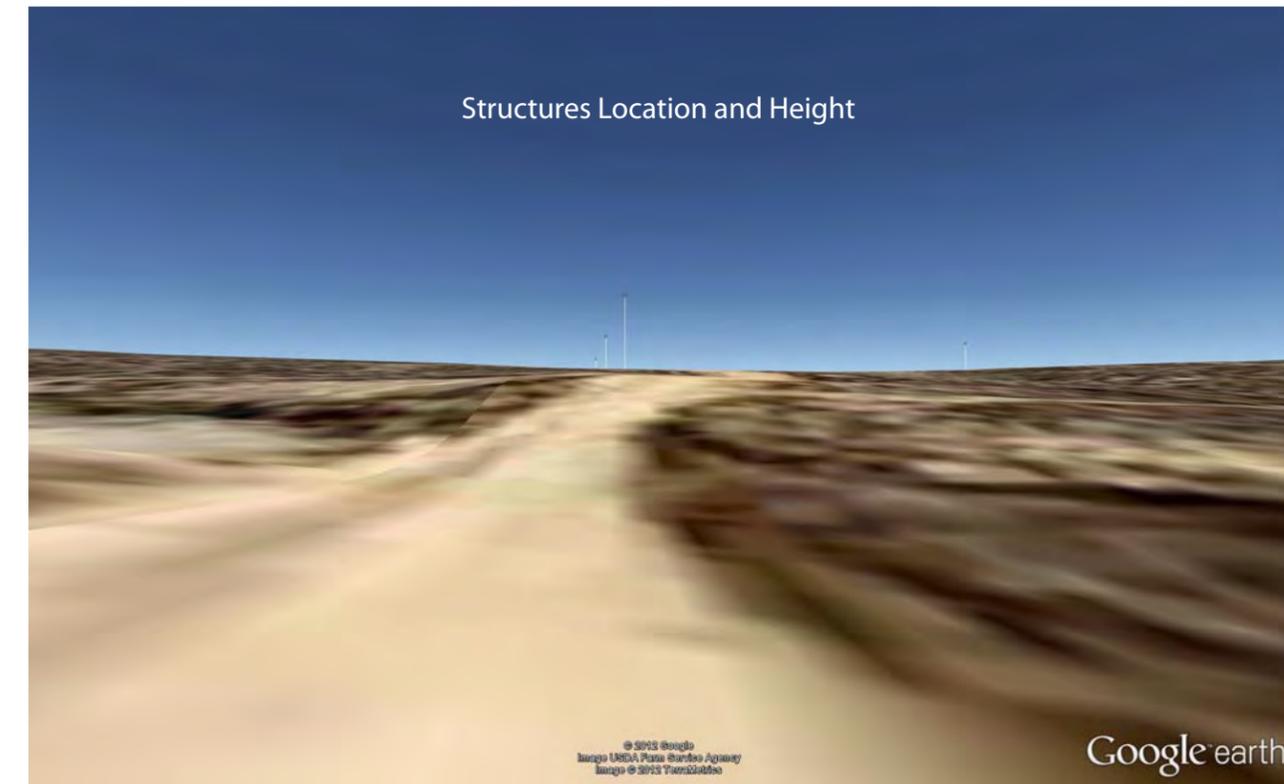
KOP R-14  
Overland Trail  
(Segment 1115)







KOP Photograph



Structures Location and Height

© 2012 Google  
Image USA Plane Service Agency  
Image © 2012 TransWest

Google earth

Form 8400-4  
(September 1985)

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

**VISUAL CONTRAST RATING WORKSHEET**

Date 05/31/2012  
District Rawlins FO  
Resource Area  
Activity (program)

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>Shell Creek Stock Trail westbound</u>	5. Location Sketch Please see Figure 3.12-1
2. Key Observation Point R-16	Township <u>13N</u>	
3. VRM Class III (VRM Class III)	Range <u>91W</u>	
	Section <u>7</u>	

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar angular, horizontal, and rolling ridges. Angular side slopes and erosion cuts.	Organic shapes of sagebrush and grasses.	Planar road.
LINE	Strong foreground angular skyline. Angular side slopes. Linear, mostly horizontal rock formations.	Indistinct sagebrush and grasses.	Linear meandering road.
COLOR	Light to medium tan and brown landform and exposed soils.	Light to dark grey-green sagebrush and light tan to brown grasses.	Light tan road.
TEXTURE	Smooth, moderate, and coarse landform.	Smooth to coarse sagebrush and grasses.	Smooth road.

**SECTION C. PROPOSED ACTIVITY DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Strongly pyramidal steel lattice structures and guys, turning structure, 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 05/31/2012
Line													x	
Color													x	
Texture													x	

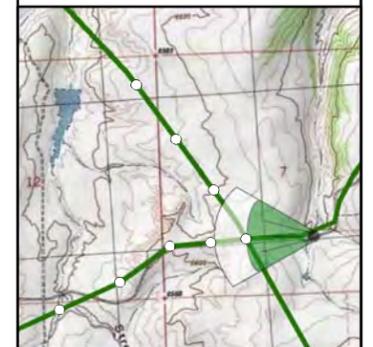
Rationale:

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.

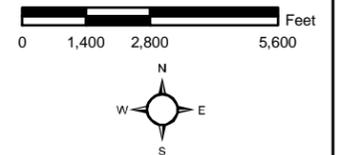
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



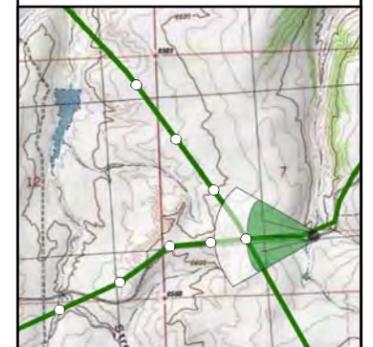
**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP R-16  
Shell Creek Stock Trail  
(westbound)  
(Segment 1115)





Project Location



KOP Location



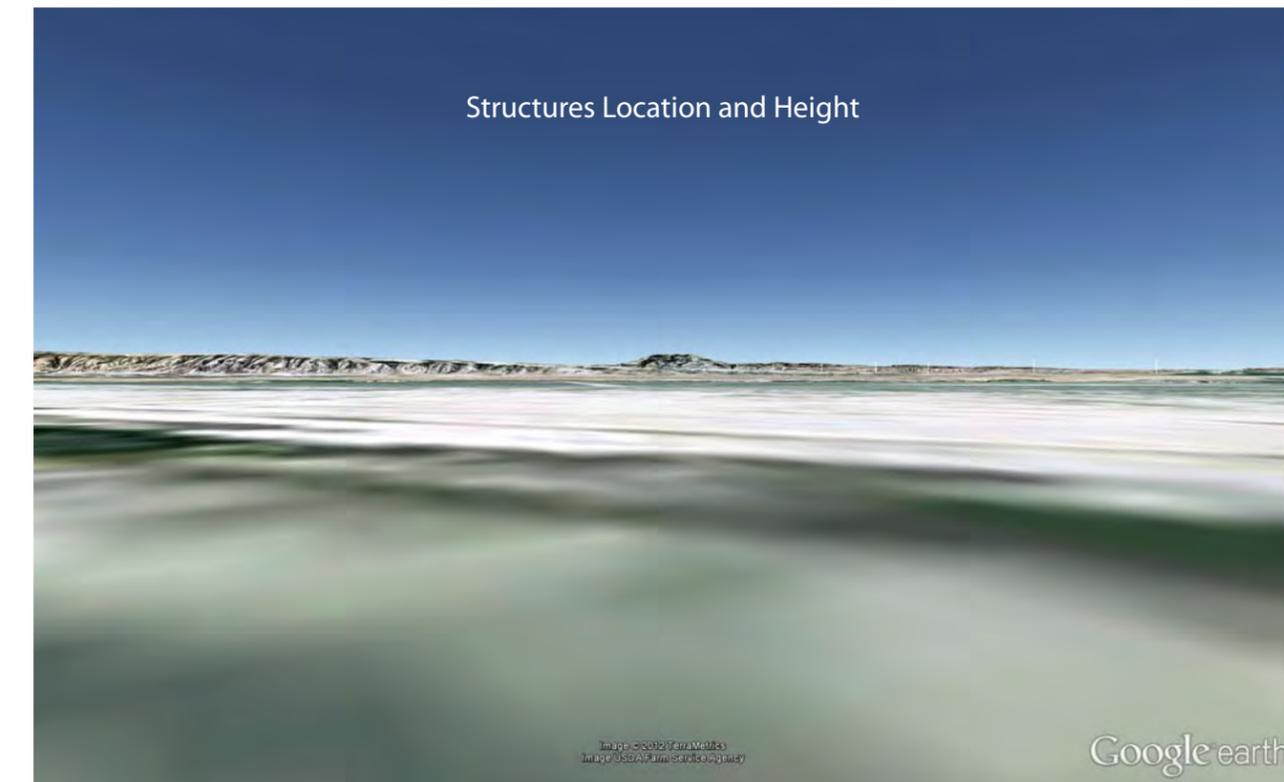
**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP R-16  
Simulated Condition  
(Segment 1115)





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 05/29/2012

District Rock Springs FO

Resource Area

Activity (program)

---

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>Wyoming</u> <u>SH-789 (SB)</u> Township _____ Range _____ Section _____	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 and erosion cuts.	Organic clumps of greasewood, sagebrush and grasses.	Horizontal foreground roadway.
LINE	Strong horizontal and angular skyline. Angular lines of side slopes. Horizontal valley floor.	In distinct sagebrush, greasewood and grasses. Meandering greasewood.	Linear horizontal foreground roadway.
COLOR	Very light, medium, and dark reddish brown exposed soils and eroded slopes.	Yellowish olive green greasewood. Golden tan to brown grasses and forbs.	Light to medium grey foreground roadway.
TEXTURE	Smooth to moderate exposed soils.	Coarse junipers and greasewood. Smooth to coarse grasses.	Smooth to medium foreground 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

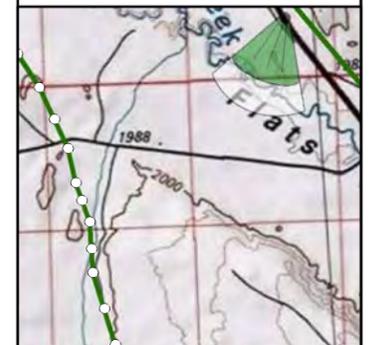
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <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: 05/29/2012
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.

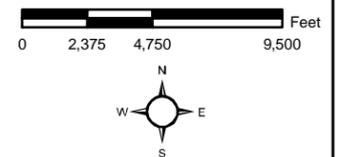
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



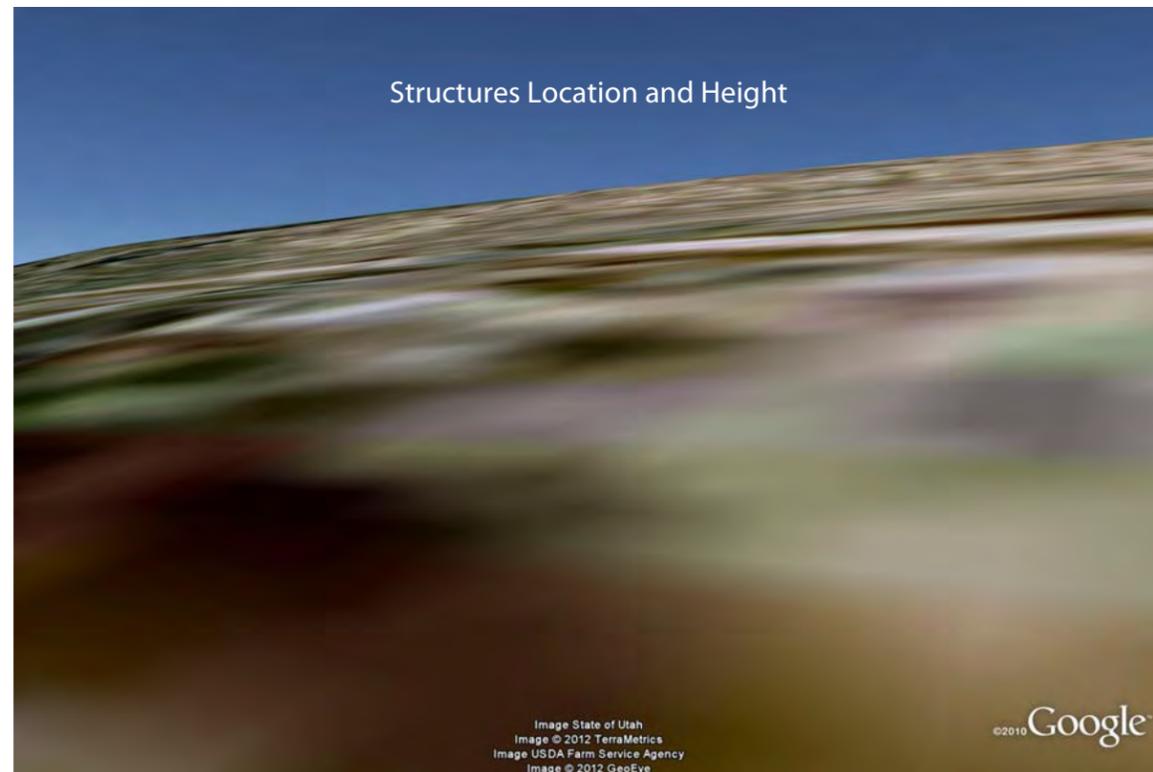
**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP R-17  
Wyoming State Hwy 789 (southbound)  
(Segment 1115)





KOP Photograph



Structures Location and Height

Image State of Utah  
Image © 2012 TerraMetrics  
Image USDA Farm Service Agency  
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 07/24/2011

District Manti-LaSal NF

Resource Area

Activity (program)

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**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location Skyline Rd. (NB) Township 15S Range 5E 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	Angular mountain ridges. Inclined planar side slopes.	Pyramidal clumps and surfaces of tundra spruce and fir.	Planar wood poles and conductors and curved roadways.
LINE	Horizontal mountain skyline, angular side slopes and inclined snowfield.	Toothed skyline edges of forest.	Vertical and horizontal structures and roadways.
COLOR	Light to medium light to medium brown rock and soil.	Light to medium to dark olive green trees. Light and medium green tundra grasses and forbs.	Medium to dark brown structures and roadways. Dark grey conductors.
TEXTURE	Smooth landforms.	Smooth to 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	3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Explain on reverse side)
Line													X	
Color													X	
Texture													X	

Evaluator's Names                      Date  
M. Paulson                                      07/22/2011

**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.

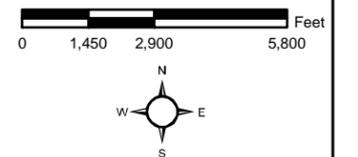
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



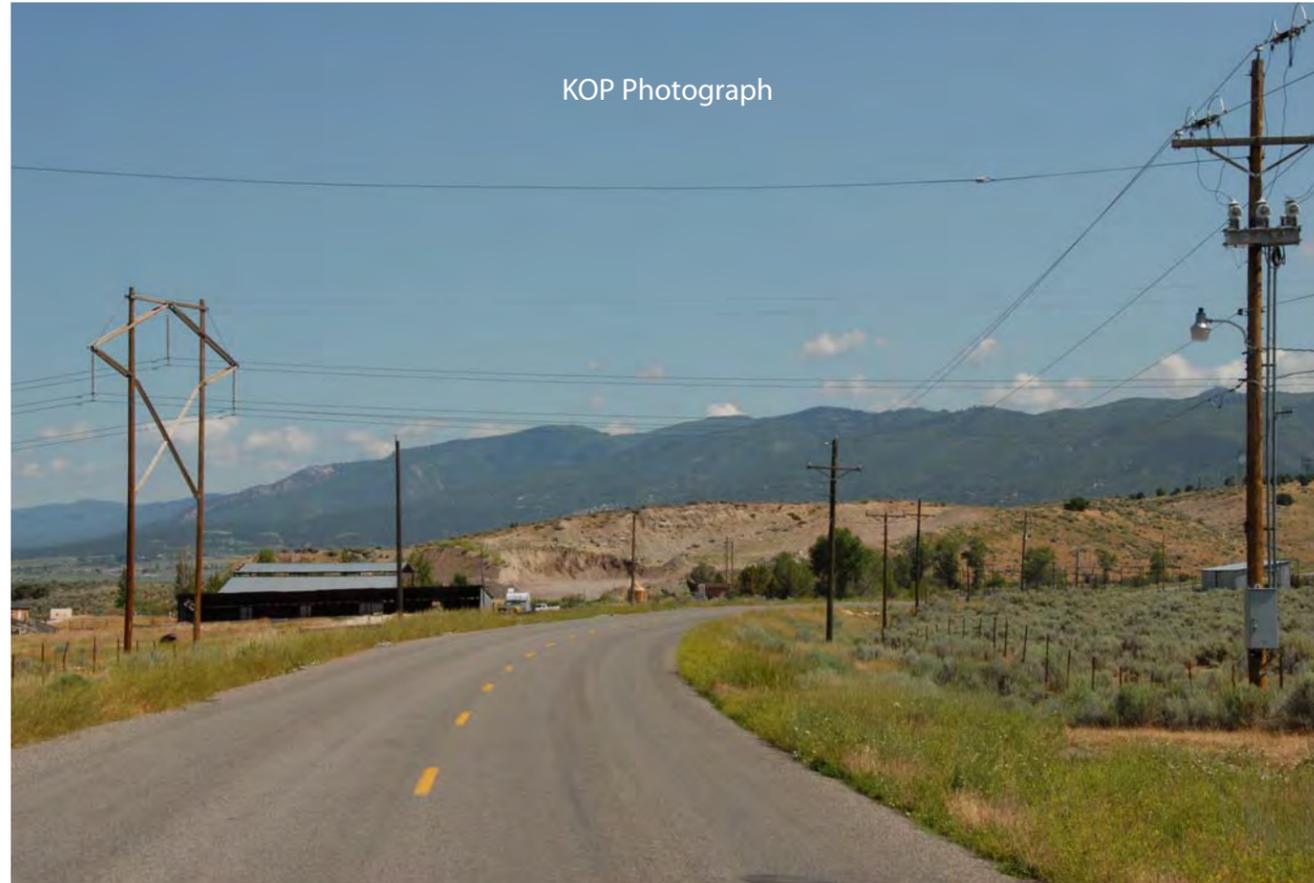
KOP Location



**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP Rich-2  
Skyline Road  
(northbound)  
(Segment 1310)





KOP Photograph



Structures Location and Height

Image State of Utah  
Image USDA Farm Service Agency  
Image © 2012 GeoEye  
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 07/27/2011

District Richfield FO

Resource Area \_\_\_\_\_

Activity (program) \_\_\_\_\_

---

**SECTION A. PROJECT INFORMATION**

1. Project Name <u>TransWest Express</u>	4. Location <u>Mountainville</u> <u>Road (NB)</u>	5. Location Sketch  Please see Figure 3.12-2
2. Key Observation Point <u>Rich-3</u>	Township <u>14S</u>	
3. VRM Class <u>IV</u>	Range <u>4E</u> Section <u>35</u>	

---

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Rounded mountains and prominent planar valley floor.	Clump of homestead trees, shrubs and grasses.	Planar roadway and planar 345-kV wood tower. Cuboid residential structures.
LINE	Horizontal valley floor and curvilinear and angular mountains.	Amorphous tree and shrub pattern edges. Rectilinear cropland.	Curvilinear paved roadway and vertical and horizontal tower.
COLOR	Light to medium reddish tan and brown soil.	Light to medium to dark green trees cropland, shrubs and grasses.	Light to medium grey road and medium to dark brown towers.
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                      Date M. Paulson                                      07/22/2011
Line													x	
Color													x	
Texture													x	

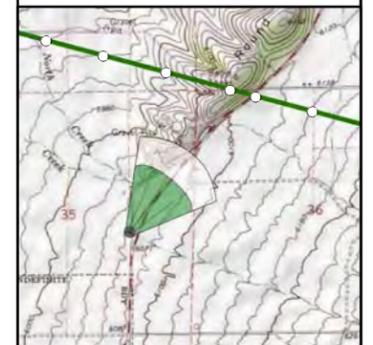
**Rationale:**

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

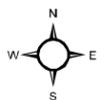
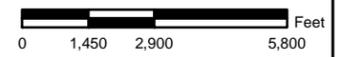
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP Rich-3  
Mountainville Road  
(northbound)  
(Segment 1310)





KOP Photograph



Structures Location and Height

Image © 2012 GeoEye  
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 07/27/2011

District Richfield FO

Resource Area \_\_\_\_\_

Activity (program) \_\_\_\_\_

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**SECTION A. PROJECT INFORMATION**

1. Project Name <b>TransWest Express</b>	4. Location <u>US 89 (NB)</u> Township <u>14S</u> Range <u>4E</u> Section <u>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	Rounded mountains and prominent planar valley floor.	Clump of homestead trees, shrubs and grasses.	Planar roadway and planar 345-kV wood tower and conductors. Cuboid residential structures.
LINE	Horizontal valley floor and curvilinear and angular mountains.	Amorphous tree and shrub pattern edges. Rectilinear cropland.	Curvilinear paved roadway and vertical and horizontal tower and conductors.
COLOR	Light to medium reddish tan and brown soil.	Light to medium to dark green trees cropland, shrubs and grasses.	Light to medium grey road and medium to dark brown towers.
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.

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**SECTION D. CONTRAST RATING**     SHORT TERM     LONG TERM

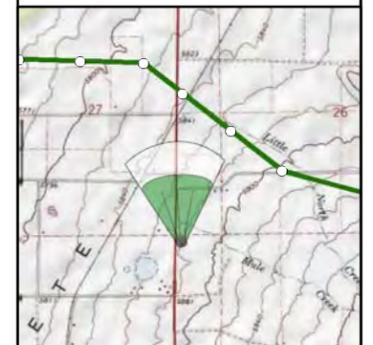
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <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														

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.

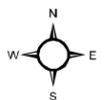
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



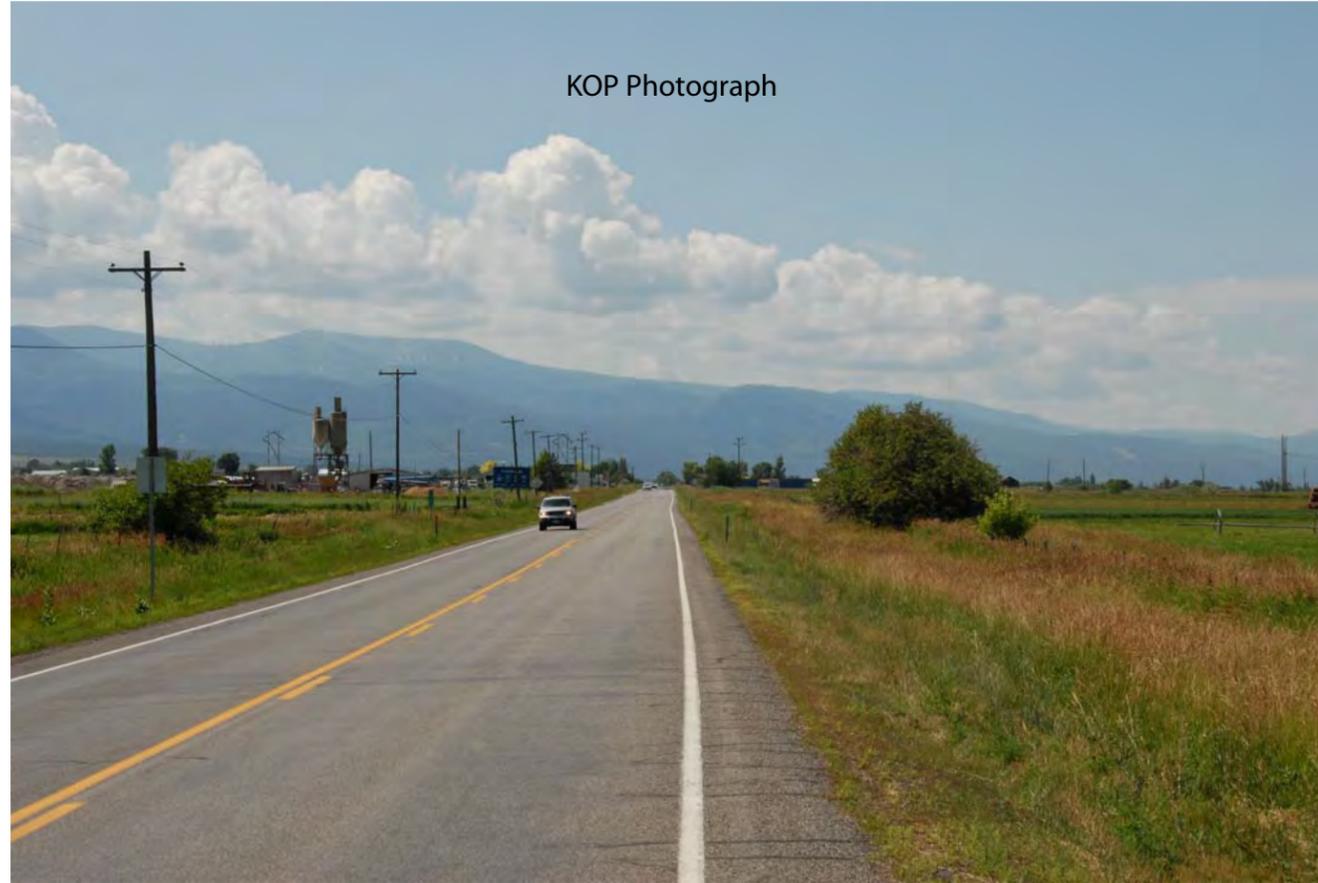
KOP Location



**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP Rich-4  
U.S. 89  
(northbound)  
(Segment 1310)





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 Richfield FO

Resource Area

Activity (program)

---

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>US 89 (SB)</u> Township <u>14S</u> Range <u>4E</u> Section <u>22</u>	5. Location Sketch  Please see Figure 3.12-2
--------------------------------------	--	--

---

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Rounded and angular mountains and prominent planar valley floor.	Clump of homestead trees, shrubs and grasses.	Planar roadway and planar 345-kV wood tower and conductors. Cuboid residential structures. Cylindrical wood poles.
LINE	Horizontal valley floor and curvilinear and angular mountains.	Amorphous tree and shrub pattern edges. Rectilinear cropland.	Curvilinear paved roadway and vertical and horizontal towers, conductors and poles.
COLOR	Light to medium reddish tan and brown soil.	Light to medium to dark green trees cropland, shrubs and grasses.	Light to medium grey road and medium to dark brown towers and 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:  
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

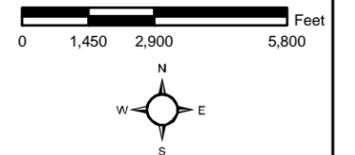
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



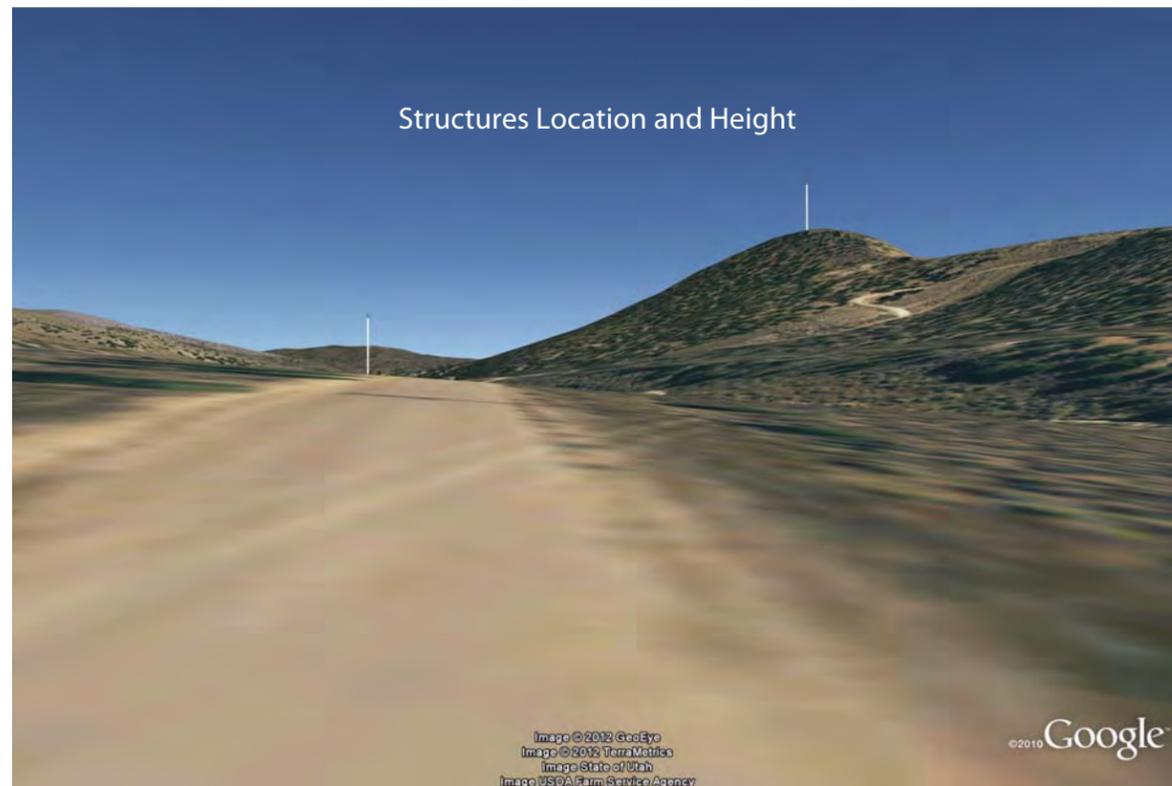
**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP Rich-5  
U.S. 89  
(southbound)  
(Segment 1310)





KOP Photograph



Structures Location and Height

Image © 2012 GeoEye  
Image © 2012 TerraMetrics  
Image State of Utah  
Image USGS 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 07/27/2011

District **Richfield FO**

Resource Area

Activity (program)

---

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>Big Hollow Road-Fountain Green</u> Township <u>13S</u> Range <u>3E</u> Section <u>32</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	Rounded and angular mountains and prominent planar valley floor.	Blanket and clumps of pinyon-juniper trees, sagebrush and grasses in ROW clearing.	Planar roadway and planar 345-kV steel lattice wood towers and conductors. Cylindrical wood poles.
LINE	Horizontal valley floor and curvilinear and angular mountains.	Amorphous tree and shrub pattern edges. Linear ROW edge.	Curvilinear paved roadway and vertical and horizontal towers, conductors and poles.
COLOR	Light to medium reddish tan and brown soil.	Light to medium to dark green trees, silvery green shrubs and grasses.	Light to medium grey road and medium to dark brown towers and poles. Light tan to grey conductors.
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)	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																		
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)

Elements	Form		
	Line		
	Color		
	Texture		

Evaluator's Names: M. Paulson      Date: 07/22/2011

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.

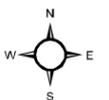


Project Location



KOP Location

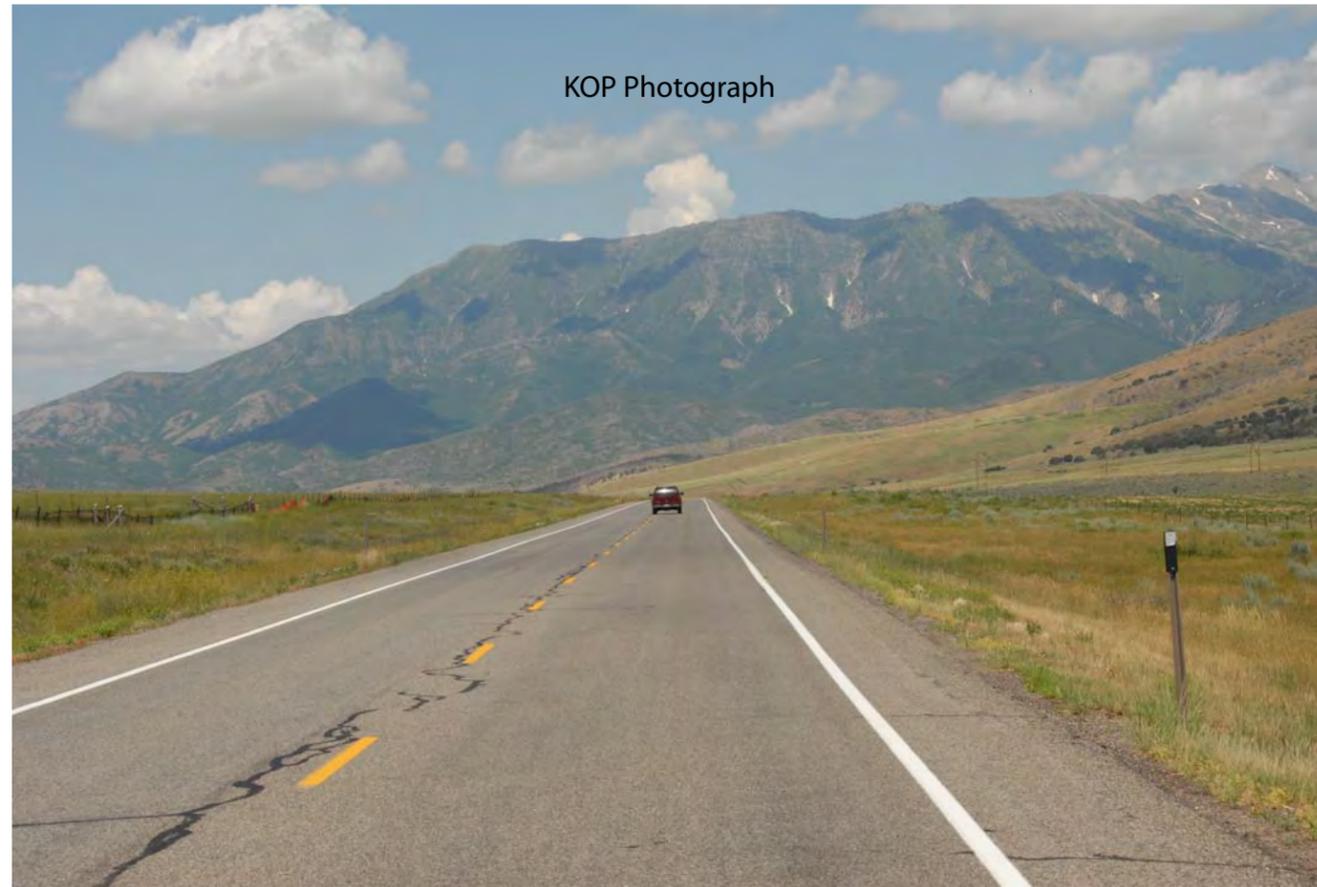
0 1,450 2,900 5,800 Feet



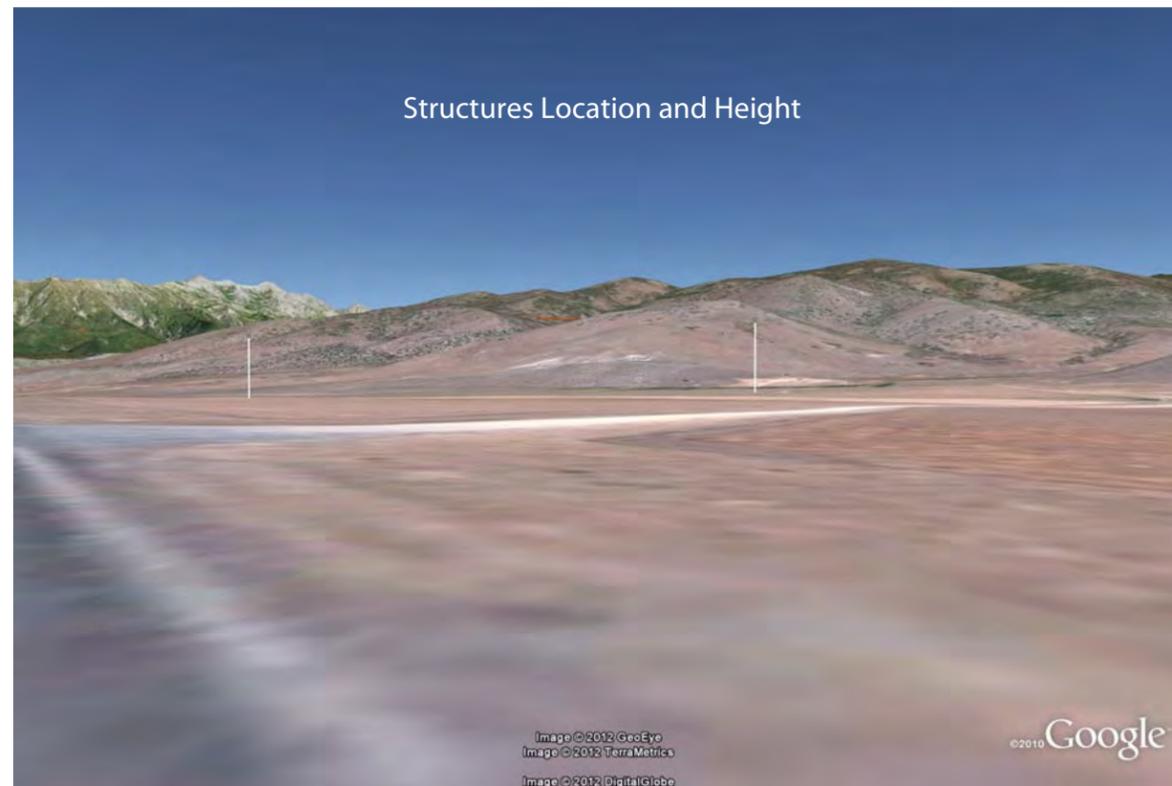
**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP Rich-7  
Big Hollow Road  
Fountain Green  
(Segment 1310)





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 Richfield FO

Resource Area

Activity (program)

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**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location Utah SH 132 (WB) Township 13S Range 2E Section 23	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 and angular mountains and inclined planar valley floor.	Blanket and clumps of pinyon-juniper trees, sagebrush and grasses.	Planar roadway and planar 345-kV wood towers. Steel lattice towers in background.
LINE	Horizontal valley floor and curvilinear and angular mountains.	Amorphous tree and shrub pattern edges.	Curvilinear paved roadway and vertical and horizontal towers, and poles.
COLOR	Light to medium reddish tan and brown soil.	Light to medium to dark green trees, silvery green shrubs and grasses.	Light to medium grey road and medium to dark brown towers and 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 07/22/2011
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.

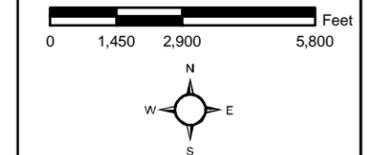
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



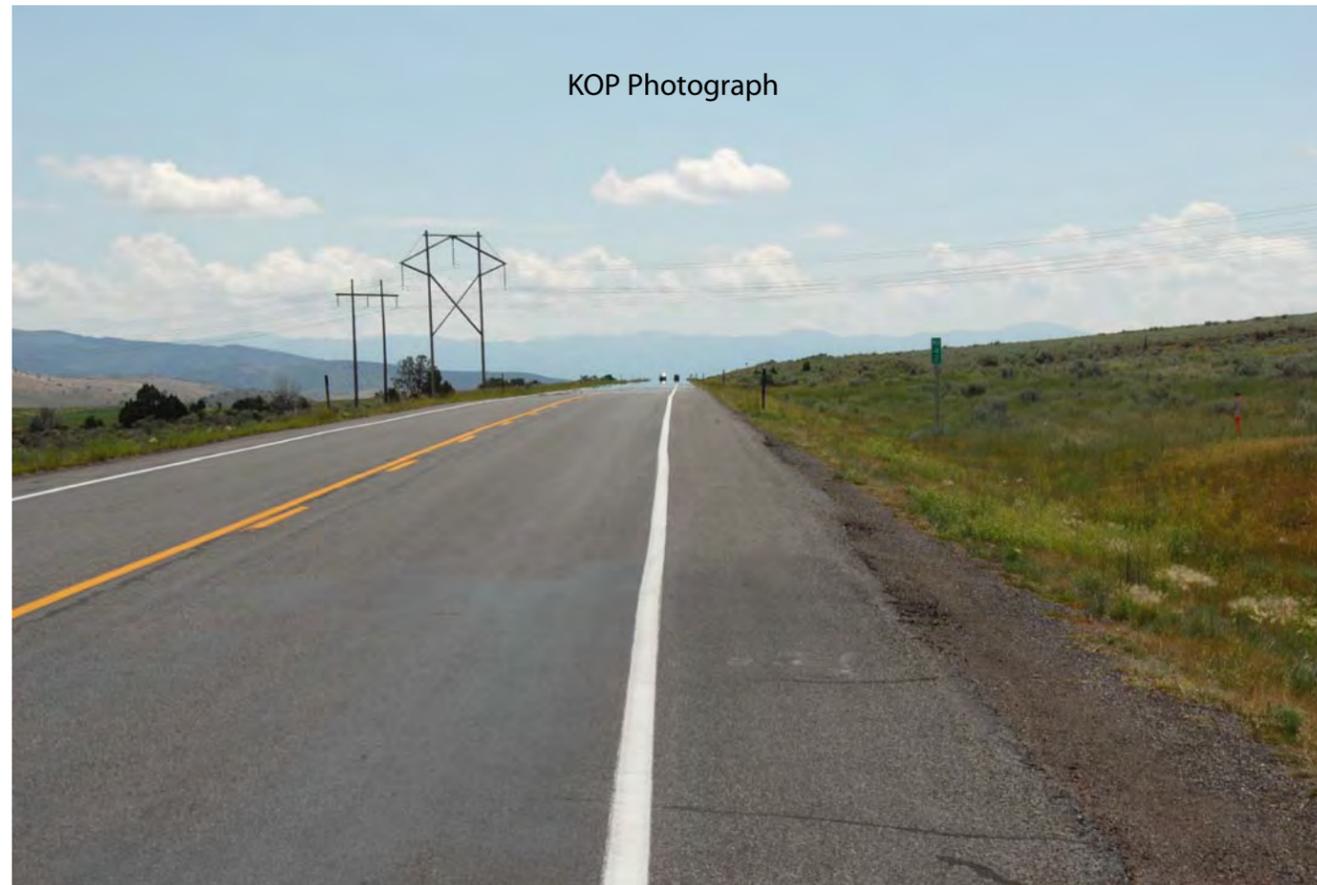
KOP Location



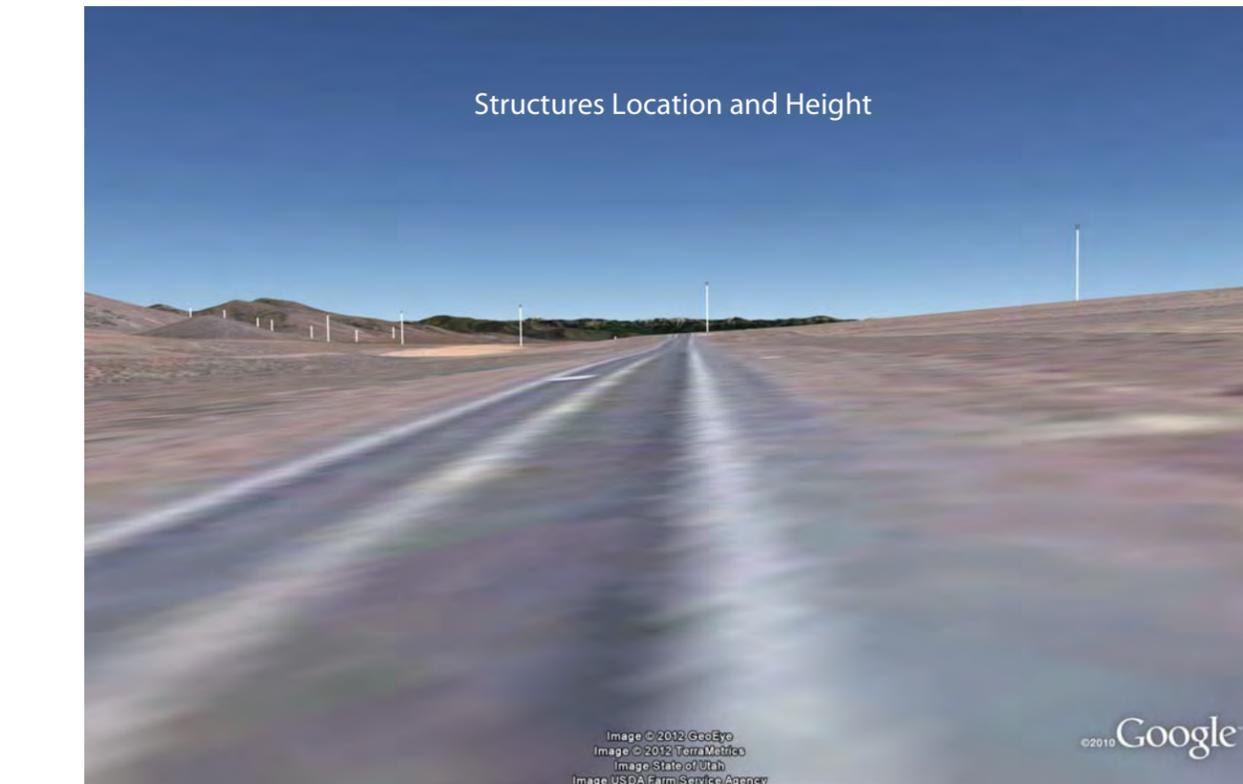
**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP Rich-8  
Utah State Hwy 132  
(westbound)  
(Segment 1310)





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 07/27/2011  
District Richfield FO  
Resource Area  
Activity (program)

---

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>Utah SH-132</u> <u>(EB)</u> Township <u>13S</u> Range <u>2E</u> Section <u>15</u>	5. Location Sketch Please see Figure 3.12-2
2. Key Observation Point Rich-9		
3. VRM Class IV		

---

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Rounded and angular mountains and inclined planar valley floor.	Clumps of pinyon-juniper trees, sagebrush and grasses.	Planar roadway and prominent planar 345-kV wood towers and conductors. H-frame 161-kV (approximate) in foreground.
LINE	Horizontal valley floor and curvilinear and angular mountains.	Amorphous tree and shrub pattern edges.	Curvilinear paved roadway and vertical and horizontal towers, conductors and poles.
COLOR	Light to medium reddish tan and brown soil.	Light to medium to dark green trees, silvery green shrubs and grasses.	Light to medium grey road and medium to dark brown poles. Light tan to grey conductors.
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													Evaluator's Names	
Form													M. Paulson	
Line													Date	
Color													07/22/2011	
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.

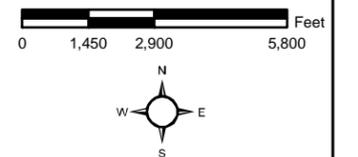
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP Rich-9  
Utah State Highway 132  
(eastbound)  
(Segment 1310)





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 Richfield FO

Resource Area

Activity (program)

---

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>I-70 (EB)</u> Township <u>23S</u> Range <u>3E</u> Section <u>11</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 and angular mountains in foreground, midground, and background.	Blanket of pinyon-juniper, shrubs and grasses.	Planar roadway and planar twin steel lattice towers.
LINE	Curvilinear and angular mt. ridges and curvilinear valley.	Irregular tree and shrub pattern edges.	Horizontal roadway and vertical and horizontal towers.
COLOR	Light to medium reddish brown rock formations.	Light to medium to dark green trees, shrubs and grasses.	Light to medium grey road lanes and dark grey towers.
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

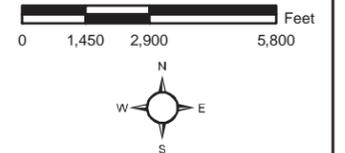
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <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	



Project Location



KOP Location



**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP Rich-13  
I-70  
(eastbound)  
(Segment 1330.1)



**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 High SIO or Retention VQO management objectives. Mitigation measures (VR-1, VR-3, VR-4, VR-5, VR-6, 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

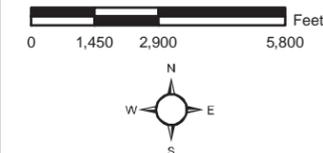
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP Rich-13  
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 Richfield FO

Resource Area

Activity (program)

---

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>Gooseberry-Fremont Scenic Backway</u>	5. Location Sketch  Please see Figure 3.12-2
2. Key Observation Point Rich-14	Township <u>22S</u>	
3. VRM Class USFS SIO High	Range <u>1E</u> Section <u>24</u>	

---

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Prominent rounded mountains and rolling valley floor.	Blanket of pinyon-juniper, shrubs and grasses.	Planar roadway and planar twin steel lattice towers.
LINE	Curvilinear and angular mt. ridges and curvilinear valley.	Irregular tree and shrub pattern edges.	Horizontal roadway and vertical and horizontal towers.
COLOR	Light to medium reddish brown rock formations.	Light to medium to dark green trees, shrubs and grasses.	Light to medium grey roads and towers.
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 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                      Date M. Paulson                                      07/22/2011
Line													x	
Color													x	
Texture													x	

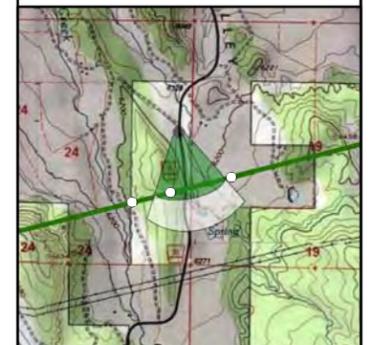
Rationale:

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 High SIO or Retention VQO management objectives. Mitigation measures (VR-1, VR-3, VR-4, VR-5, VR-6, 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

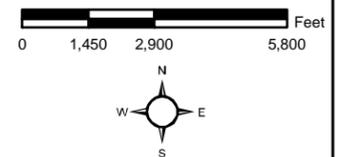
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



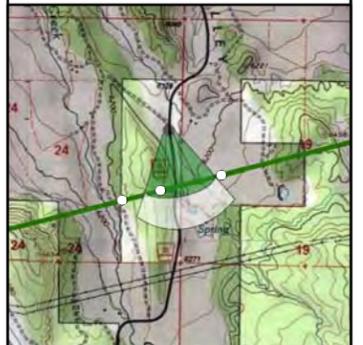
**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP Rich-14  
Gooseberry-Fremont Scenic Backway  
(Segment 1330.1)

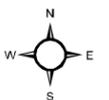
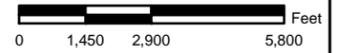




Project Location



KOP Location



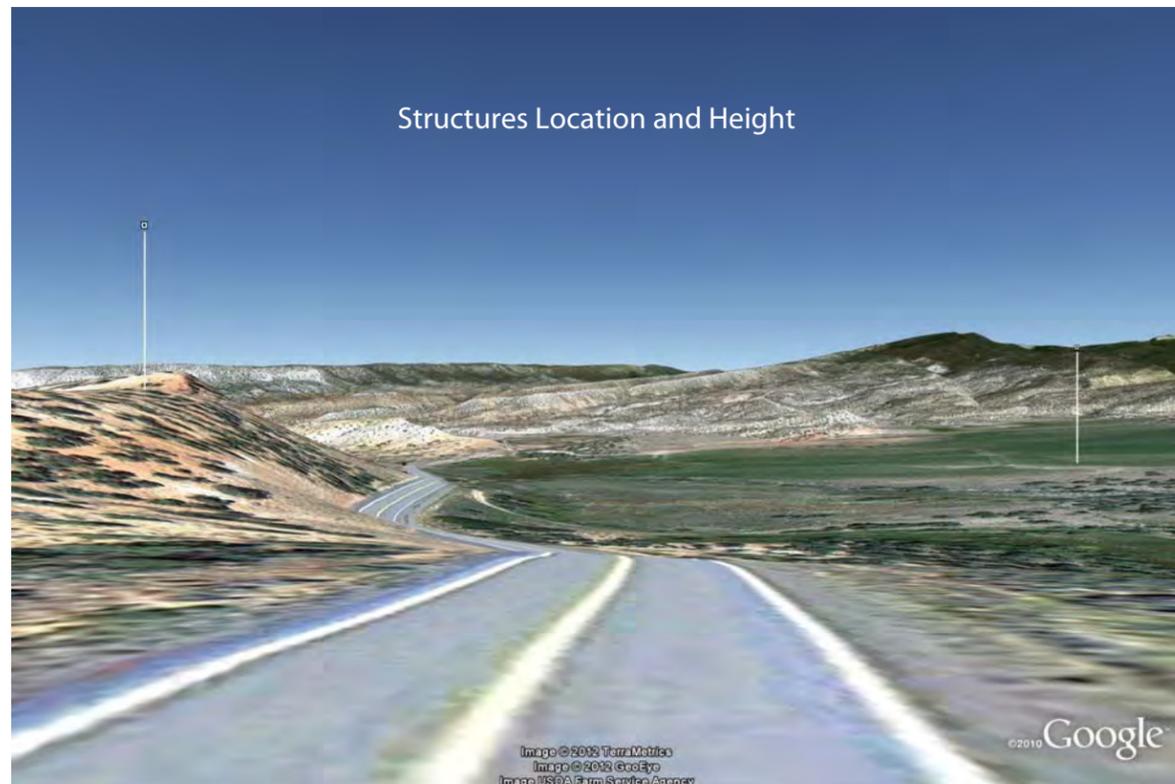
**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP Rich-14  
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 Richfield FO

Resource Area

Activity (program)

---

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>Gooseberry-</u> <u>Fremont Scenic Backway</u>	5. Location Sketch  Please see Figure 3.12-2
2. Key Observation Point Rich-15	Township <u>22S</u>	
3. VRM Class USFS SIO High	Range <u>1E</u> Section <u>25</u>	

---

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Prominent rounded mountains and rolling valley floor.	Blanket of pinyon-juniper, shrubs and grasses.	Planar roadway and planar twin steel lattice towers.
LINE	Curvilinear and angular mt. ridges and curvilinear valley.	Irregular tree and shrub pattern edges.	Horizontal roadway and vertical and horizontal towers.
COLOR	Light to medium reddish brown rock formations.	Light to medium to dark green trees, shrubs and grasses.	Light to medium grey roads and towers.
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.

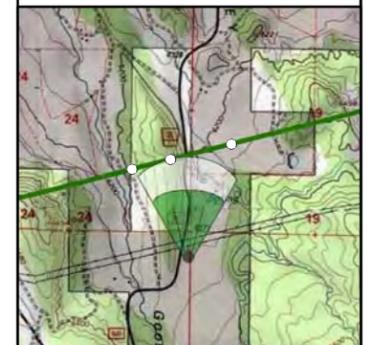
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**SECTION D. CONTRAST RATING**     SHORT TERM     LONG TERM

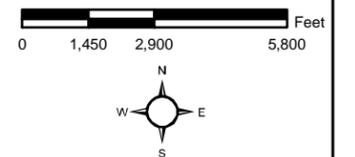
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Explain on reverse side)		
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <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 Rich-15  
Gooseberry-Fremont Scenic Backway (Segment 1330.1)



**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 High SIO or Retention VQO management objectives. Mitigation measures (VR-1, VR-3, VR-4, VR-5, VR-6, 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.



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 Richfield FO

Resource Area \_\_\_\_\_

Activity (program) \_\_\_\_\_

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**SECTION A. PROJECT INFORMATION**

<b>1. Project Name</b> TransWest Express	<b>4. Location</b> <u>I-70 SB</u> Township <u>22S</u> Range <u>1W</u> Section <u>10</u>	<b>5. Location Sketch</b>  Please see Figure 3.12-2
<b>2. Key Observation Point</b> Rich-16		
<b>3. VRM Class</b> IV		

---

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Rounded mountains and prominent planar valley floor.	Clump of homestead trees, shrubs and grasses. Planar cropland.	Planar roadway and planar steel lattice tower.
LINE	Horizontal valley floor and curvilinear and angular mountains.	Amorphous tree and shrub pattern edges. Rectilinear cropland.	Curvilinear paved roadway and vertical and horizontal tower.
COLOR	Light to medium reddish tan and brown soil.	Light to medium to dark green trees cropland, shrubs and grasses.	Light to medium grey road and light grey towers.
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.

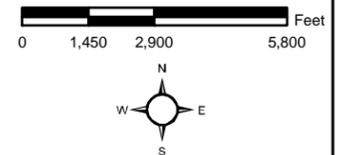
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



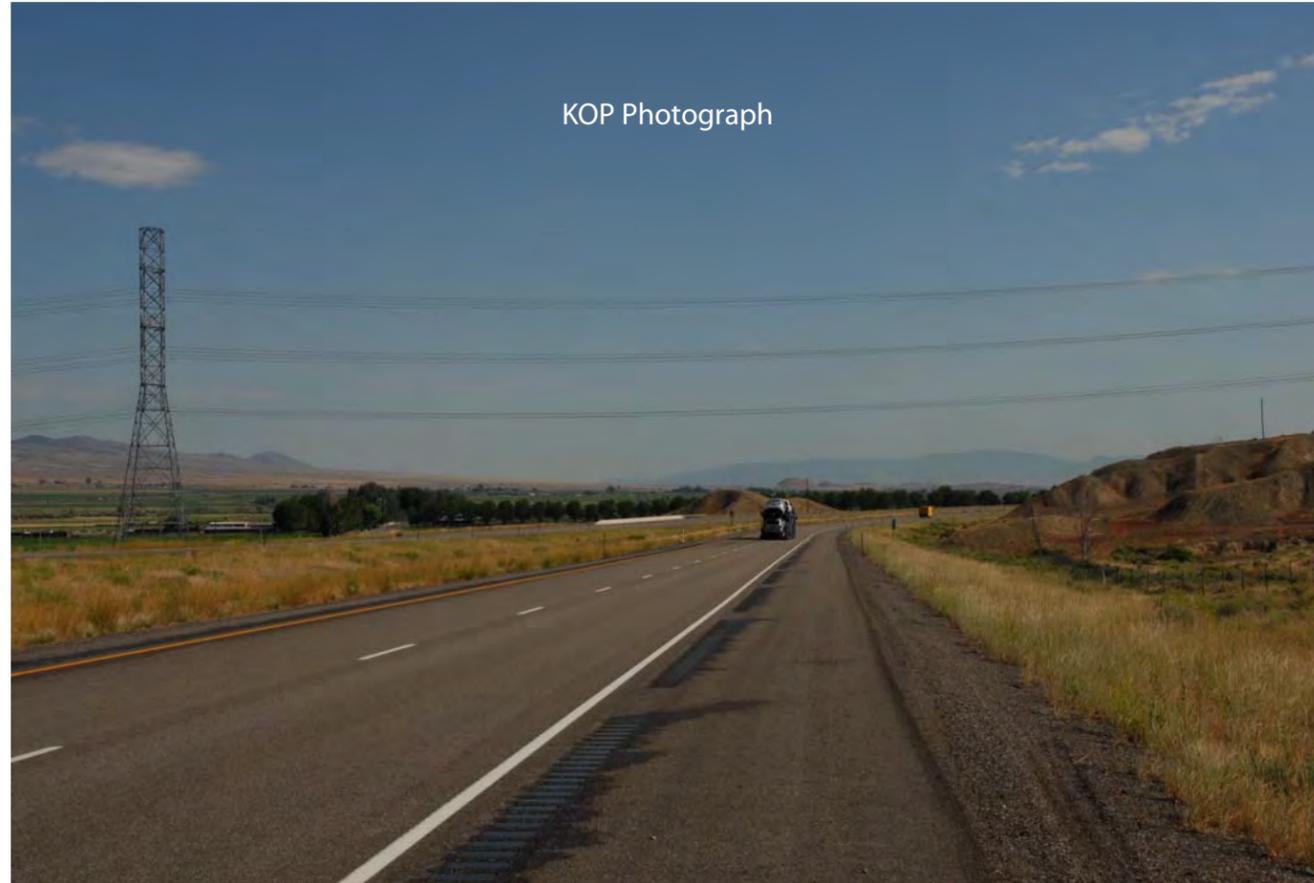
KOP Location



**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP Rich-16  
Interstate 70  
(southbound)  
(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 Richfield FO

Resource Area \_\_\_\_\_

Activity (program) \_\_\_\_\_

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**SECTION A. PROJECT INFORMATION**

1. Project Name <u>TransWest Express</u>	4. Location <u>I-70 (NB)</u> Township <u>22S</u> Range <u>1W</u> Section <u>16</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	Rounded mountains and prominent planar valley floor.	Clumps of homestead trees, shrubs and grasses.	Planar roadway and planar steel lattice tower.
LINE	Horizontal valley floor and curvilinear and angular mountains.	Amorphous tree and shrub pattern edges.	Curvilinear paved roadway and vertical and horizontal tower.
COLOR	Light to medium reddish brown soil.	Light to medium to dark green trees, shrubs and grasses.	Light to medium grey road and dark grey towers.
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		

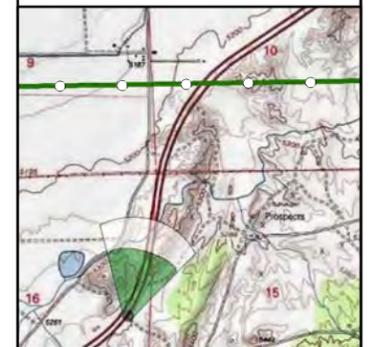
**Rationale:**

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

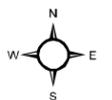
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



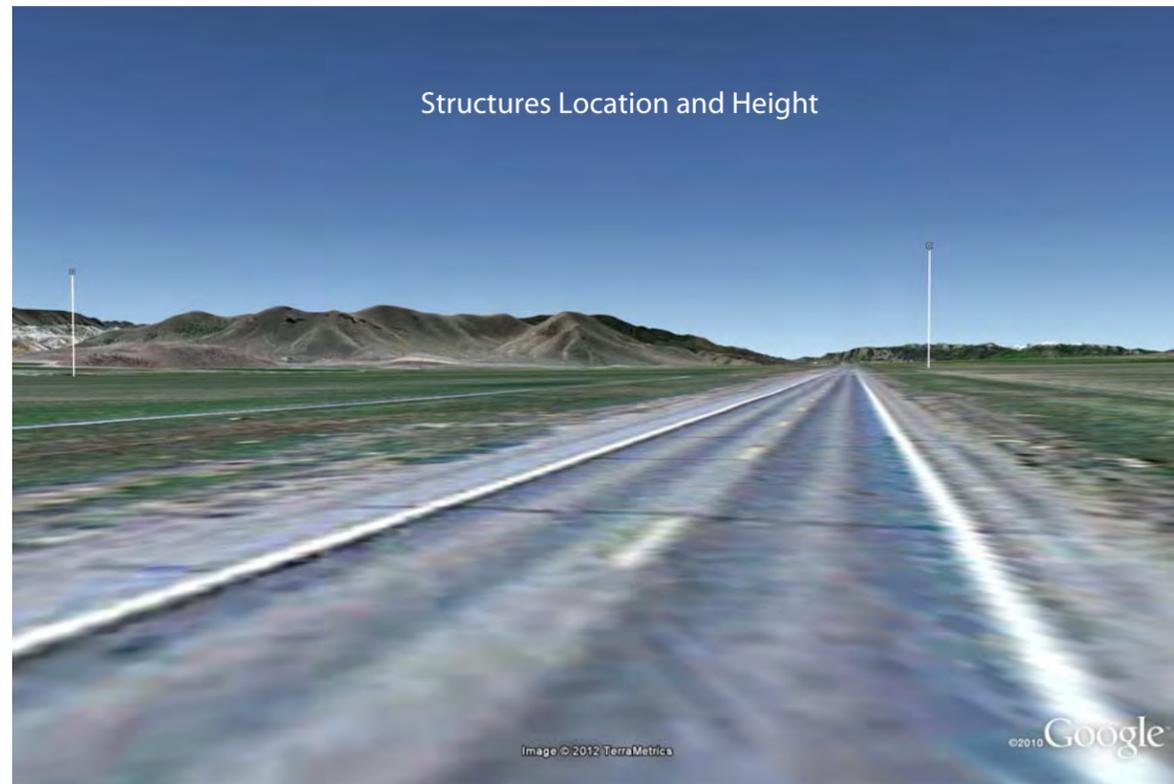
**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP Rich-17  
Interstate 70  
(northbound)  
(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 Richfield FO

Resource Area

Activity (program)

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**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>US-89 (SB)</u> Township <u>22S</u> Range <u>1W</u> Section <u>8</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	Rounded mountains and prominent planar valley floor.	Clumps of homestead trees, shrubs and grasses.	Planar roadway and planar steel lattice and wood poles.
LINE	Horizontal valley floor and curvilinear and angular mountains.	Amorphous tree and shrub pattern edges.	Curvilinear paved roadway and vertical and horizontal towers and poles.
COLOR	Light to medium reddish brown soil.	Light to medium to dark green trees, shrubs and grasses.	Light to medium grey road and towers 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

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	

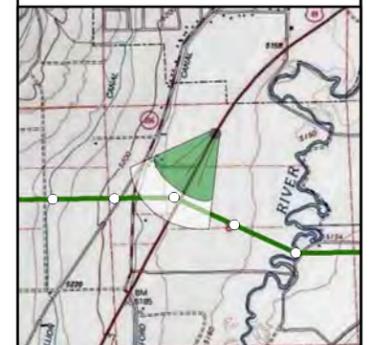
**Rationale:**

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

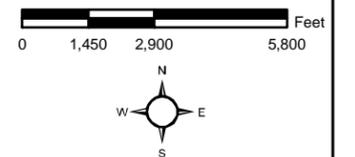
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP Rich-18  
U.S. 89  
(southbound)  
(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 Richfield FO

Resource Area

Activity (program)

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**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>US-89 (NB)</u> Township <u>22S</u> Range <u>1W</u> Section <u>8</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	Rounded mountains and prominent planar valley floor.	Clumps of homestead trees, shrubs and grasses.	Planar roadway and cylindrical wood poles.
LINE	Horizontal valley floor and curvilinear and angular mountains.	Amorphous tree and shrub pattern edges.	Curvilinear paved roadway and vertical poles.
COLOR	Light to medium reddish brown soil.	Light to medium to dark green trees, shrubs and grasses.	Light to medium grey road 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

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															

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.

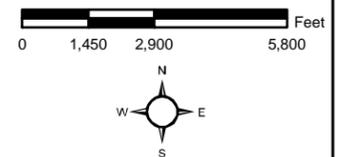
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



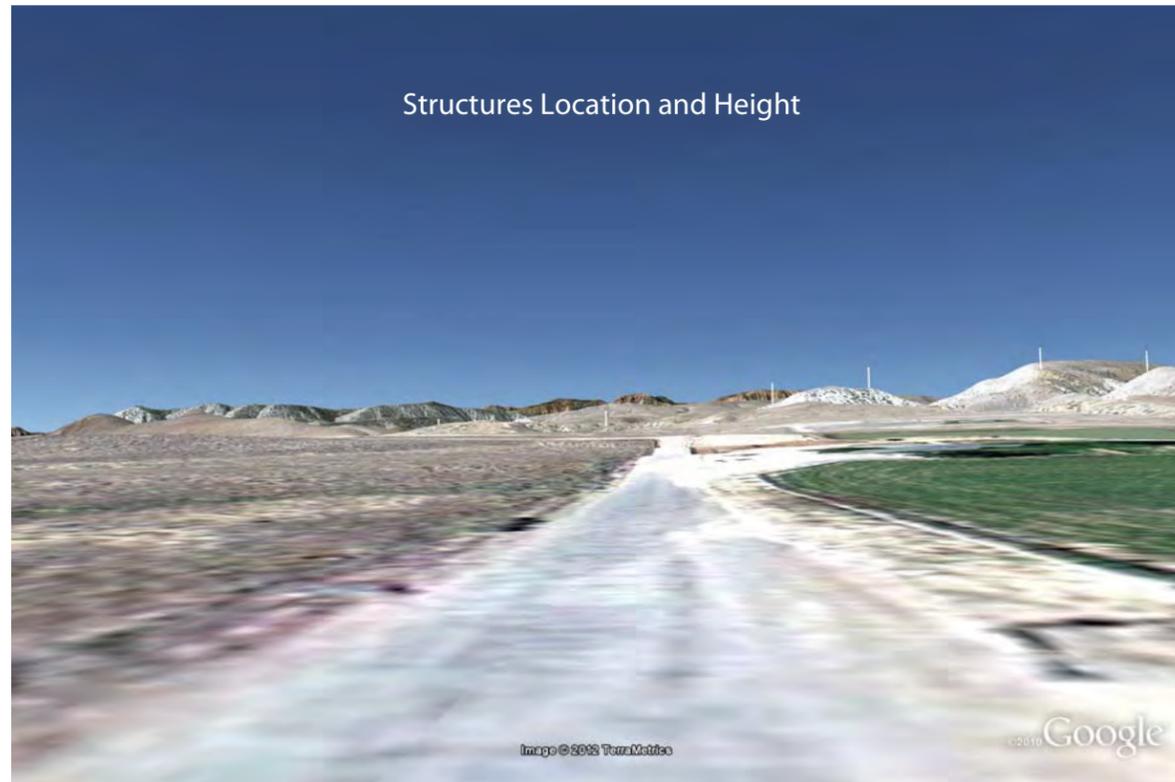
**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP Rich-19  
U.S. 89  
(northbound)  
(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 **Richfield FO**

Resource Area

Activity (program)

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**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>Aurora Residential Road</u> Township <u>22S</u> Range <u>1W</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 rolling valley floor.	Clumps of pinon-juniper, shrubs and grasses.	Planar roadway and planar steel lattice and wood towers.
LINE	Curvilinear and angular mountains.	Amorphous tree and shrub pattern edges.	Curvilinear paved and gravel roadway and vertical and horizontal towers.
COLOR	Light to medium reddish brown rock formations.	Light to medium to dark green trees, shrubs and grasses.	Light to medium brown road and towers.
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                      Date M. Paulson                                      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.

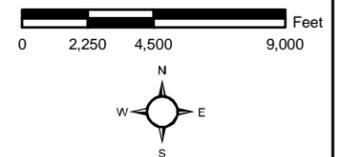
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



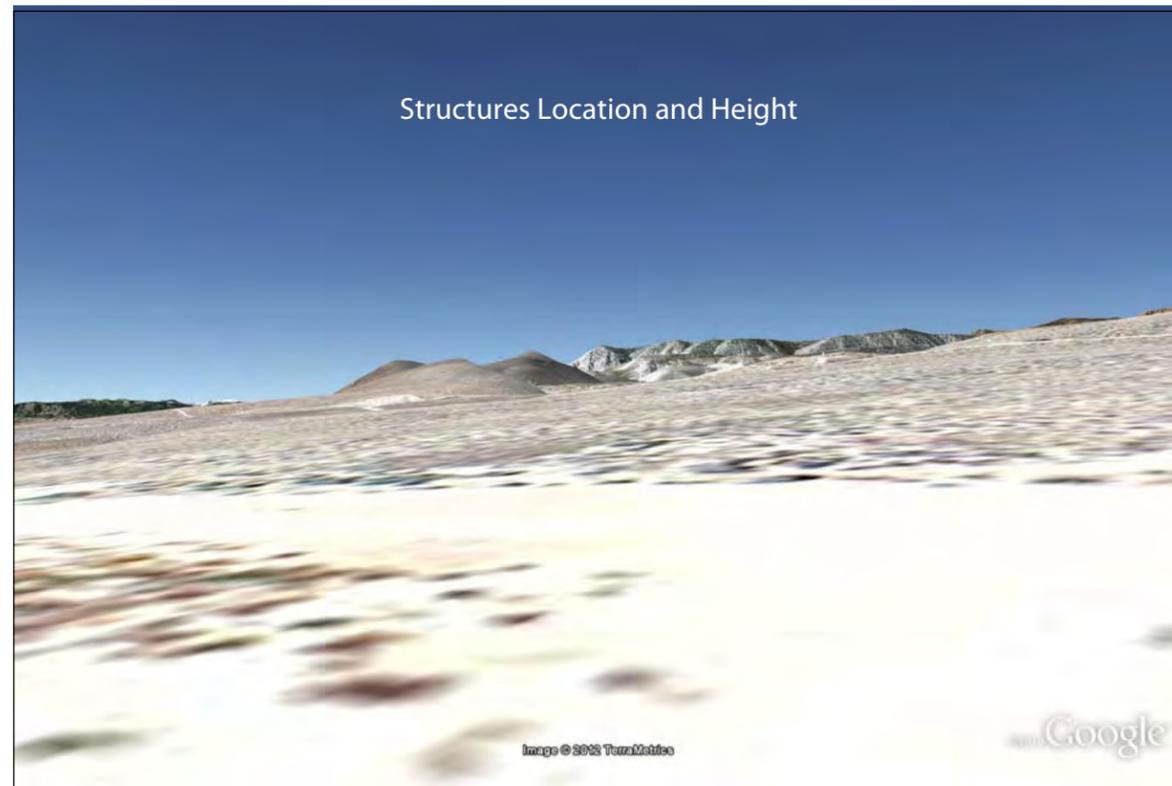
**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP Rich-20  
Aurora Residential Road  
(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 Richfield FO  
Resource Area  
Activity (program)

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>Aurora Recreation Road</u>	5. Location Sketch Please see Figure 3.12-2
2. Key Observation Point Rich-21	Township <u>22S</u>	
3. VRM Class IV (VRI Class IV)	Range <u>1W</u>	
	Section <u>6</u>	

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Prominent rounded mountains and rolling valley floor.	Clumps of pinyon-juniper, shrubs and grasses.	Planar roadway and planar wood towers.
LINE	Curvilinear and angular mountains.	Amorphous tree and shrub pattern edges.	Curvilinear gravel roadway and vertical and horizontal towers.
COLOR	Light to medium reddish brown rock formations.	Light to medium to dark green trees, shrubs and grasses.	Light to medium brown road and towers.
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	

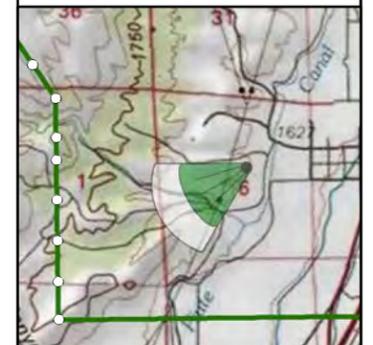
Rationale:

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

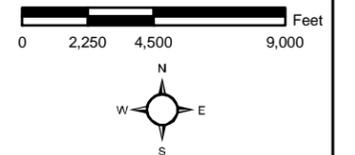
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



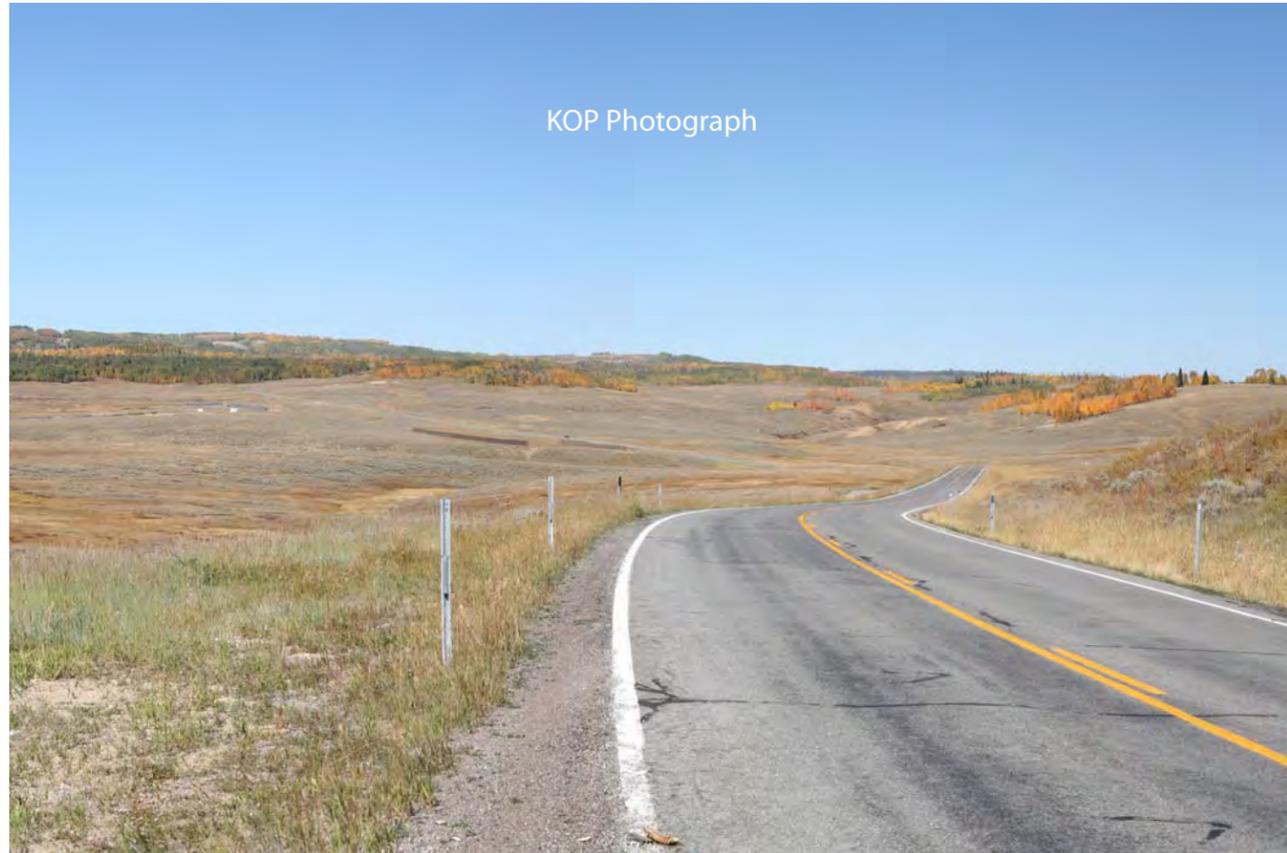
KOP Location



**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP Rich-21  
Aurora Recreation Road  
(Segment 1330.1)





KOP Photograph



Structures Location and Height

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 9/27/11

District **Manti-Lasal National Forest**

Resource Area \_\_\_\_\_

Activity (program) \_\_\_\_\_

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**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>Energy Loop</u> <u>Scenic Byway (UT Rte 264)</u>	5. Location Sketch  Please see Figure 3.12-2
2. Key Observation Point Rich-22	Township <u>13S</u>	
3. VRM Class USFS VQO Partial Retention	Range <u>6E</u> Section <u>30</u>	

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**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Domed, diagonal, rounded	Vertical, pyramidal, amorphous	Low, geometric
LINE	Curving, continuous	Flowing, complex, irregular, butt edge	Angular, parallel, vertical
COLOR	Tans	Tans, greens, seasonal color	Browns, whites
TEXTURE	Medium grain	Medium grain, stippled, scattered	Medium to coarse grain

---

**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		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 grain	Coarse steel lattice structures, and smooth guys and conductors.

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**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      Date EPG                              9/27/11 (Review and update as needed by M. Paulson)      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



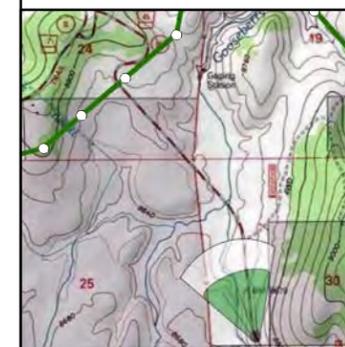
**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP Rich 22  
 Energy Loop  
 Scenic Byway  
 (Segment 1217.15)





Project Location



KOP Location



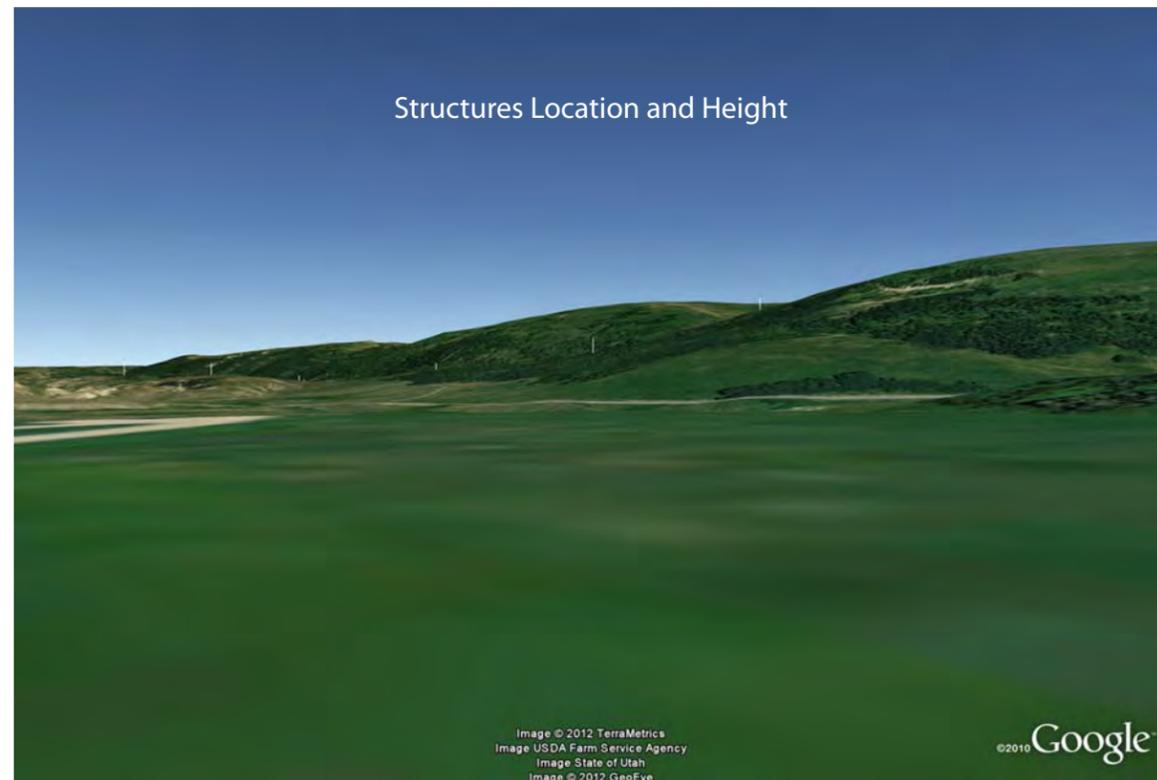
**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP Rich 22  
Simulated Condition  
(Segment 1217.15)





KOP Photograph



Structures Location and Height

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

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) \_\_\_\_\_

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**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>Fairview</u> <u>Lakes Residential</u> <u>Township 13S</u> <u>Range 15E</u> <u>Section 36</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	Wide trough-shaped, rolling, rounded	Vertical, complex, pyramidal, amorphous patches	Low, geometric
LINE	Curving, continuous, diagonal	Flowing, complex, irregular, butt edges	Angular, vertical
COLOR	Tans	Vivid, greens, tans, seasonal variation	Browns and greens
TEXTURE	Fine to medium grain	Medium to coarse grain	Medium grain, sparse 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, 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 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													Evaluator's Names EPG (Review and update as needed by M. Paulson)	Date 9/27/11  7/24/12
Line			x														
Color				x													
Texture							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

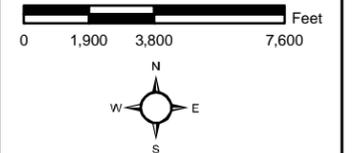
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



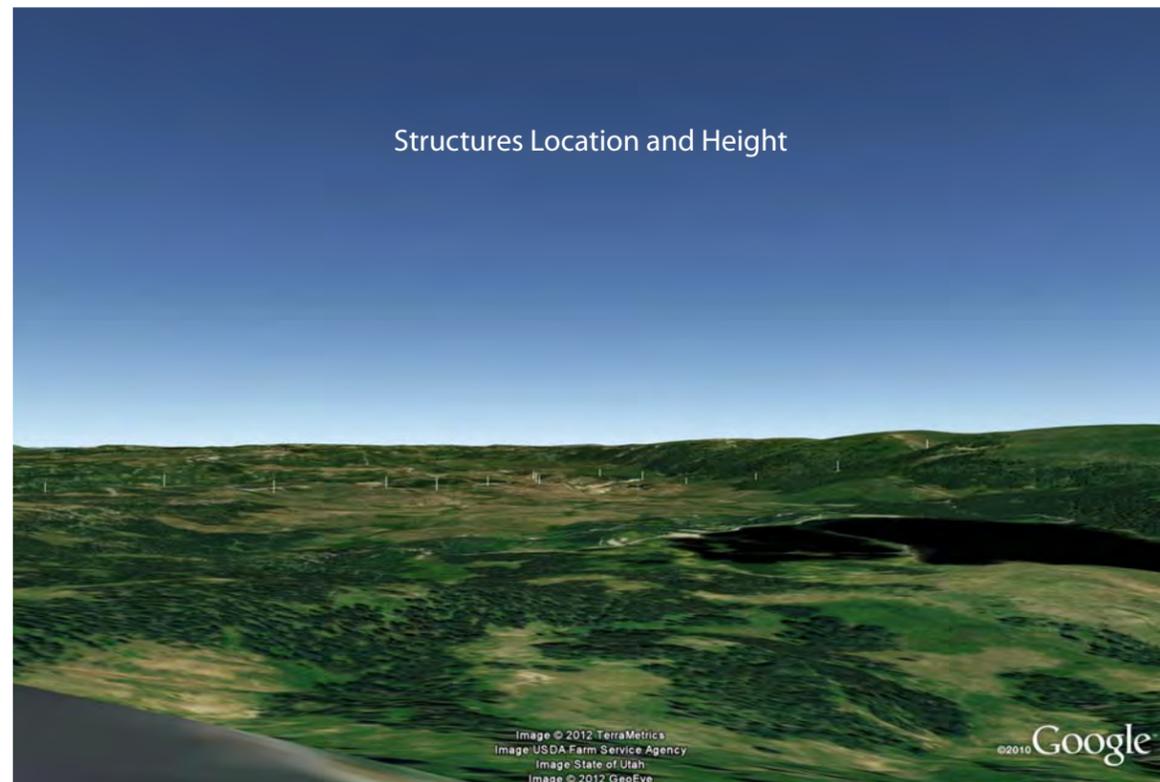
**TRANSWEST EXPRESS  
 TRANSMISSION PROJECT**

KOP Rich 23  
 Fairview Lakes  
 Residential  
 (Segment 1217.15)





KOP PHotograph



Structures Location and Height

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

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) \_\_\_\_\_

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**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>Fairview Lakes:</u> <u>The Energy Loop Scenic Byway</u> <u>Township 14S</u> <u>Range 5E</u> <u>Section 2</u>	5. Location Sketch  Please see Figure 3.12-2
--------------------------------------	---	--

---

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Wide trough-shaped, rolling, rounded	Amorphous patches, distinct, vertical, complex, pyramidal	Low, geometric
LINE	Continuous, curving, horizontal, diagonal	Flowing, complex, irregular, butt edges	Angular, vertical
COLOR	Tans, greys, blue	Vivid, greens, tans, seasonal variety	Greens, browns, whites
TEX-TURE	Fine to medium grain	Medium to coarse grain	Medium grain, sparse 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, 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.
TEX-TURE		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		x				x							x	Evaluator's Names                      Date EPG    9/27/11 (Review and update as needed by M. Paulson)                      7/24/12
Form		x				x							x	
Line		x				x							x	
Color			x				x						x	
Texture				x			x						x	

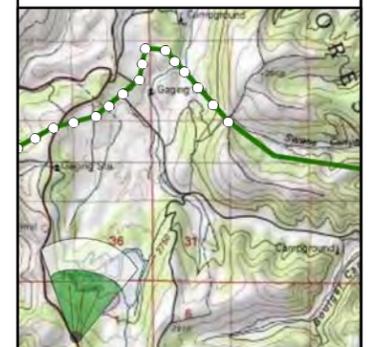
**Rationale:**

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

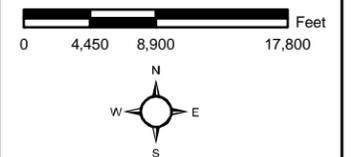
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



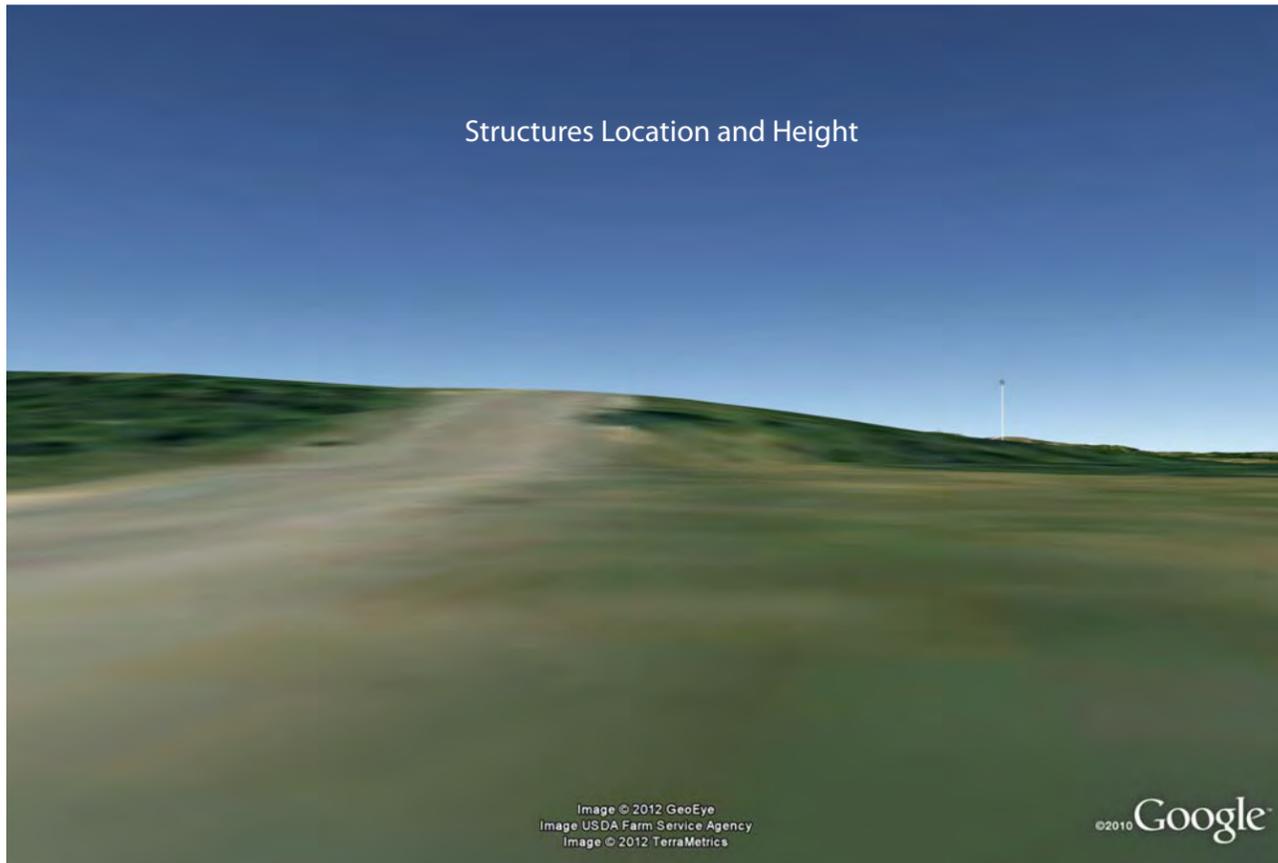
**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP Rich-24  
 Fairview Lakes  
 The Energy Loop Scnc Bywy  
 (Segment 1217.15)





KOP Photograph



Structures Location and Height

Image © 2012 GeoEye  
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 9/27/11

District **Manti-Lasal National Forest**

Resource Area \_\_\_\_\_

Activity (program) \_\_\_\_\_

---

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>Energy Loop</u> Scenic Byway (UT Rte 31)	5. Location Sketch Please see Figure 3.12-2
2. Key Observation Point Rich-25	Township <u>13S</u>	
3. VRM Class USFS VQO Partial Retention	Range <u>5E</u>	
	Section <u>26</u>	

---

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Rounded, rolling	Vertical, complex, amorphous	NA
LINE	Curving, continuous	Flowing, complex, irregular	NA
COLOR	Tans, greys	Vivid, greens, tans, whites seasonal color	NA
TEXTURE	Smooth	Dense, medium grain	NA

---

**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 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		
Elements				X				X			X	X	Evaluator's Names EPG	Date 9/27/11
Form				X				X			X	X	(Review and update as needed by M. Paulson)	7/24/12
Line				X				X			X	X		
Color				X				X			X	X		
Texture				X				X			X	X		

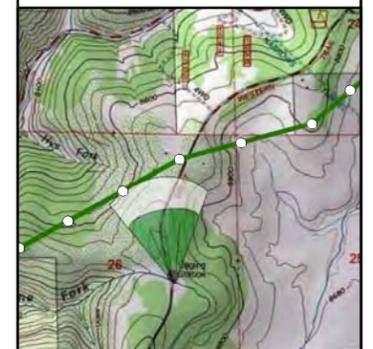
**Rationale:**

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

0 1,400 2,800 5,600 Feet



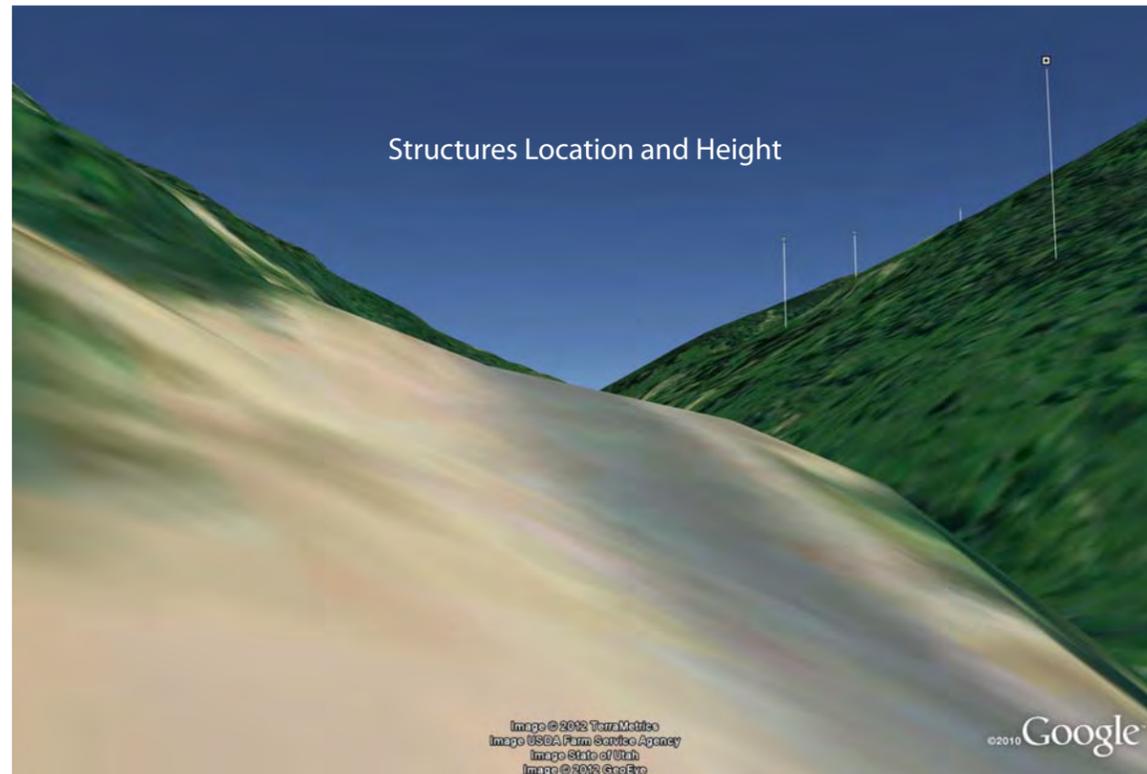
**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP Rich-25  
Energy Loop Scenic Byway  
(Utah Route 31)  
(Segment 1217.15)





KOP Photograph



Structures Location and Height

Image © 2012 Terra Metrics  
Image USA Farm Service Agency  
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 9/27/11

District Manti-Lasal National Forest

Resource Area

Activity (program)

---

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>Energy Loop</u> <u>Scenic Byway (Utah Rte 31)</u>	5. Location Sketch Please see Figure 3.12-2
2. Key Observation Point Rich-26	Township <u>13S</u>	
3. VRM Class USFS VQO Partial Retention	Range <u>5E</u>	
	Section <u>27</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	Flowing, complex, irregular	NA
COLOR	Tans	Vivid, variety of greens, white, tans, seasonal variation	NA
TEXTURE	Medium to coarse grain	Dense, stippled	NA

---

**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 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					

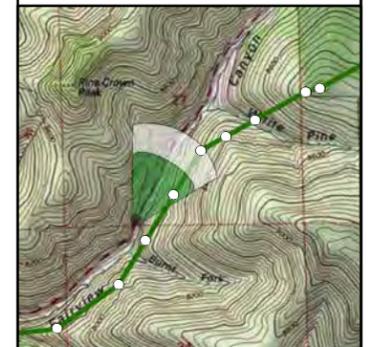
Rationale:

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 Rich 26  
Energy Loop Scenic Byway  
(Utah Route 31)  
(Segment 1217.15)





Project Location



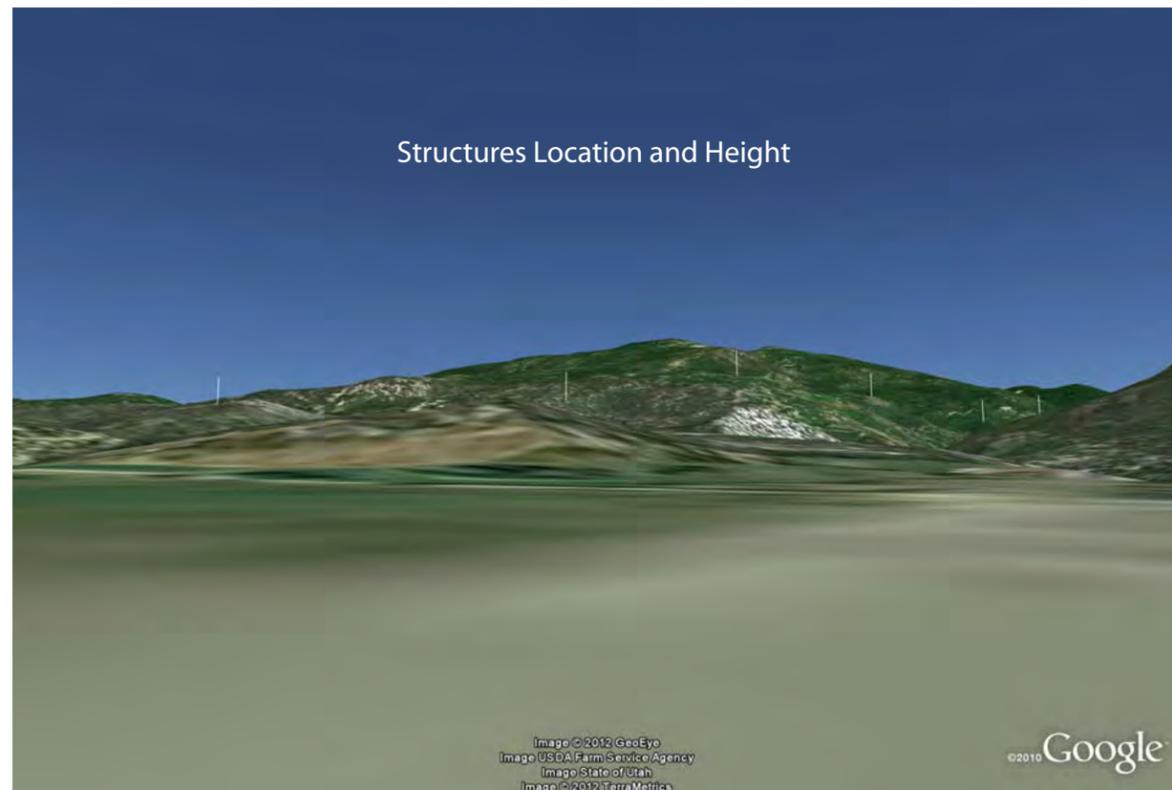
KOP Location



**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP Rich 26  
Simulated Condition  
(Segment 1217.15)





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(September 1985)

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

**VISUAL CONTRAST RATING WORKSHEET**

Date 9/26/11

District **Richfield FO**

Resource Area

Activity (program)

---

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>Fairview</u> <u>Residential</u> Township <u>13S</u> Range <u>4E</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	Level, undulating, rolling	Vertical, amorphous patches, stippled areas	Thin, moderately tall, geometric areas
LINE	Diagonal, curving	Flowing, complex, diffuse and butt edges	Vertical, horizontal
COLOR	Tans, whites	Greens, tans, seasonal variation	Browns
TEXTURE	Medium to fine grain	Medium grain	Medium 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, 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 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 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 EPG (Review and update as needed by M. Paulson)	Date 9/26/11  7/24/12
Line		x			x				x							
Color			x		x				x							
Texture		x			x				x							

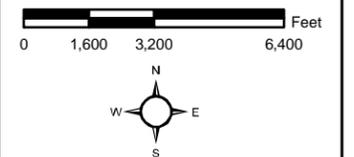
Rationale:  
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



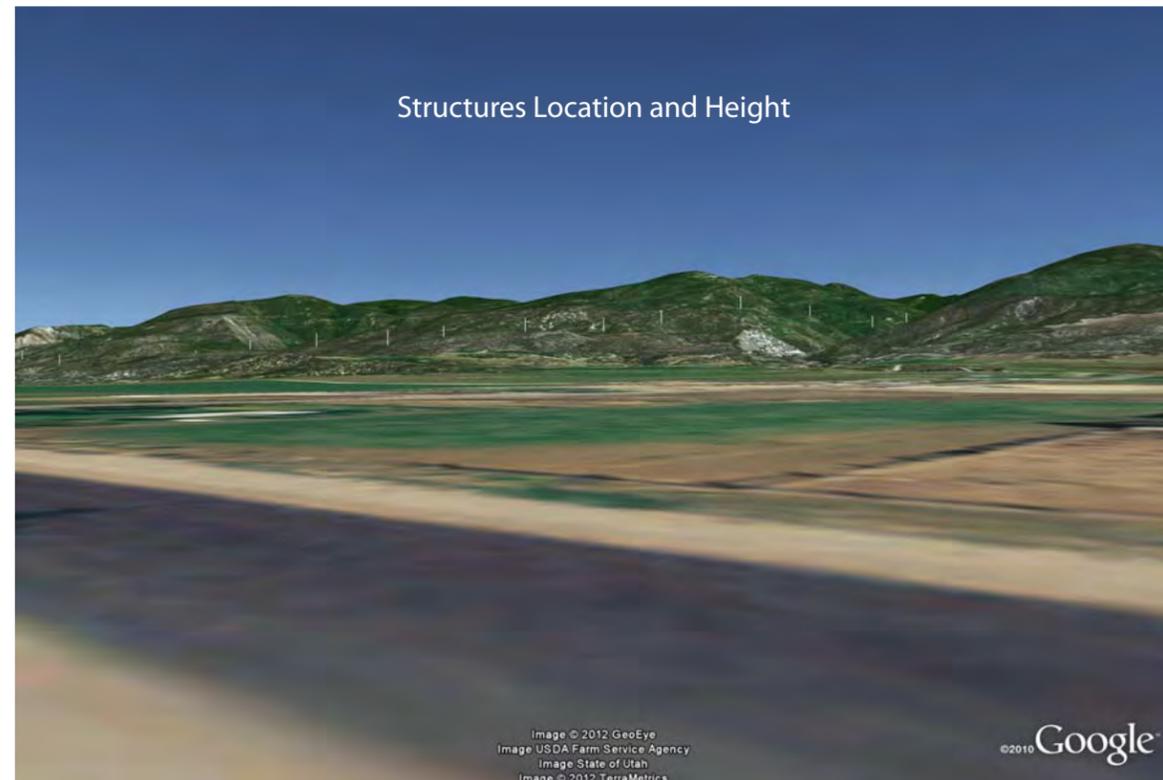
**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP Rich-27  
Fairview Residential  
(Segment 1217.15)





KOP Photograph



Structures Location and Height

Image © 2012 GeoEye  
 Image USDA Farm Service Agency  
 Image State of Utah  
 Image © 2012 TerraMetrics  
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**UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 BUREAU OF LAND MANAGEMENT**

**VISUAL CONTRAST RATING WORKSHEET**

Date 9/26/11

District **Richfield FO**

Resource Area

Activity (program)

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**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>Fairview Residential</u> <u>Township 14S</u> <u>Range 4E</u> <u>Section 2</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	Level, undulating, rolling	Vertical, amorphous patches, stippled areas	Low, geometric
LINE	Diagonal, curving	Flowing, complex, diffuse and butt edges	Diagonal, horizontal
COLOR	Tans, whites	Greens, tans, seasonal variation	Browns, greys
TEXTURE	Medium to fine grain	Medium grain	Medium grain, dense

---

**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, 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 to medium grain	Coarse steel lattice structures, and smooth guys and conductors.

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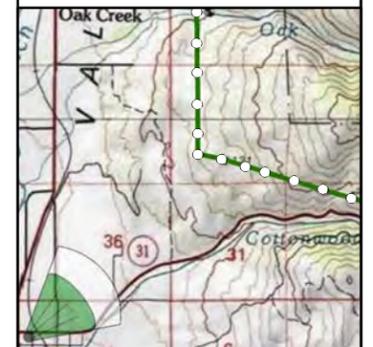
**SECTION D. CONTRAST RATING**     SHORT TERM     LONG TERM

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 9/26/11 7/24/12
Line		x				x					x			
Color			x			x					x			
Texture		x				x					x			

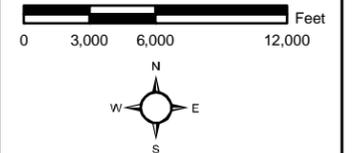
Rationale:  
 Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



**TRANSWEST EXPRESS  
 TRANSMISSION PROJECT**

KOP Rich-28  
 Fairview Residential  
 (Segment 1217.15)



KOP Photograph



Structures Location and Height

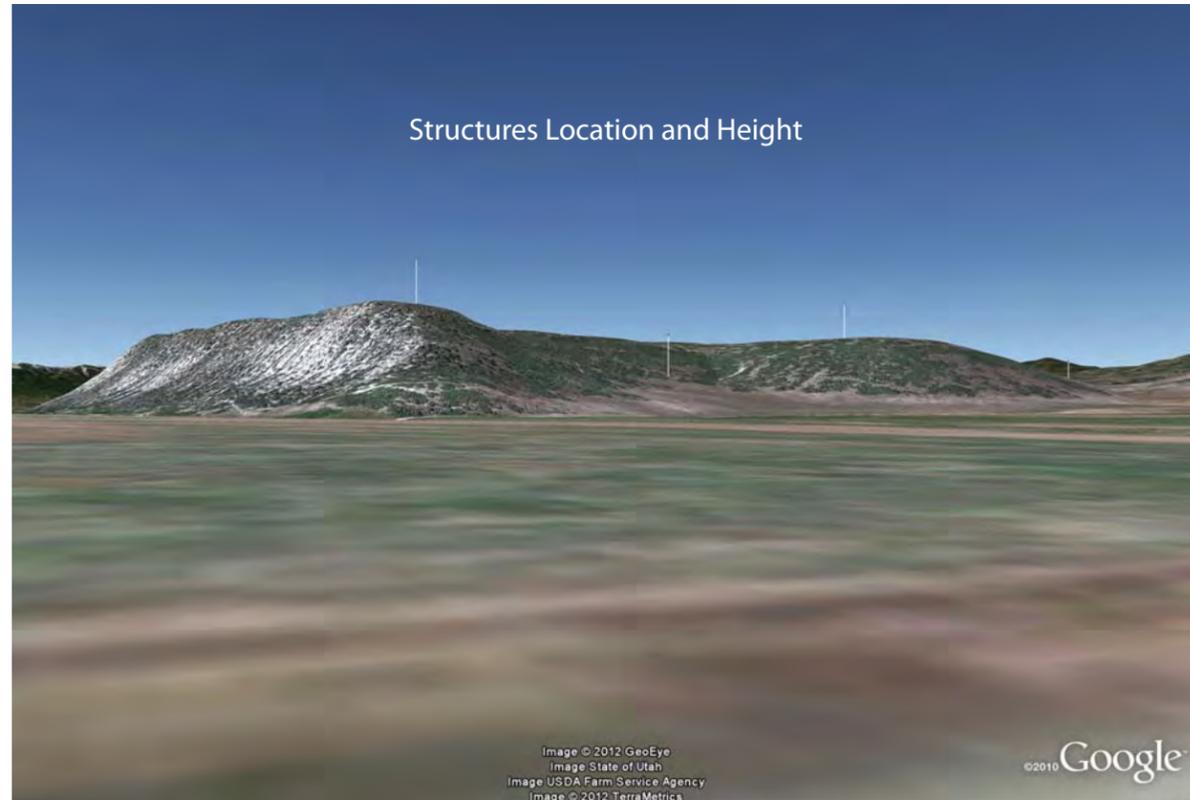


Image © 2012 GeoEye  
 Image State of Utah  
 Image USDA Farm Service Agency  
 Image © 2012 TerraMetrics  
 ©2010 Google

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

**VISUAL CONTRAST RATING WORKSHEET**

Date 9/26/11  
 District Richfield FO  
 Resource Area \_\_\_\_\_  
 Activity (program) \_\_\_\_\_

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**SECTION A. PROJECT INFORMATION**

1. Project Name <u>TransWest Express</u>	4. Location <u>Milburn</u> <u>Residential</u>	5. Location Sketch <u>Please see Figure 3.12-2</u>
2. Key Observation Point <u>Rich-29</u>	Township <u>13S</u>	
3. VRM Class <u>Private</u>	Range <u>4E</u>	
	Section <u>11</u>	

---

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Domed, rolling, level	Stippled areas and amorphous patches	Low, geometric
LINE	Diagonal, undulating	Butt to diffuse edge	Horizontal, angular
COLOR	Tans, browns	Dark greens, tans, seasonal color	Red, white, grey
TEXTURE	Fine to medium	Medium grain, dense	Medium

---

**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, butt edge	Vertical steel lattice structures, angular guys, and curvilinear conduction.
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.

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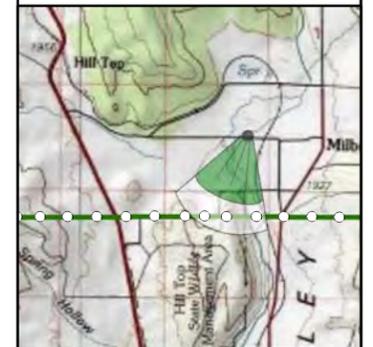
**SECTION D. CONTRAST RATING**     SHORT TERM     LONG TERM

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				x				Evaluator's Names EPG (Review and update as needed by M. Paulson)	Date 9/26/11  7/24/12
Line		x				x			x						
Color			x				x			x					
Texture			x				x			x					

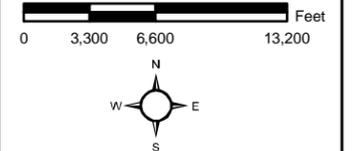
Rationale:  
 Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



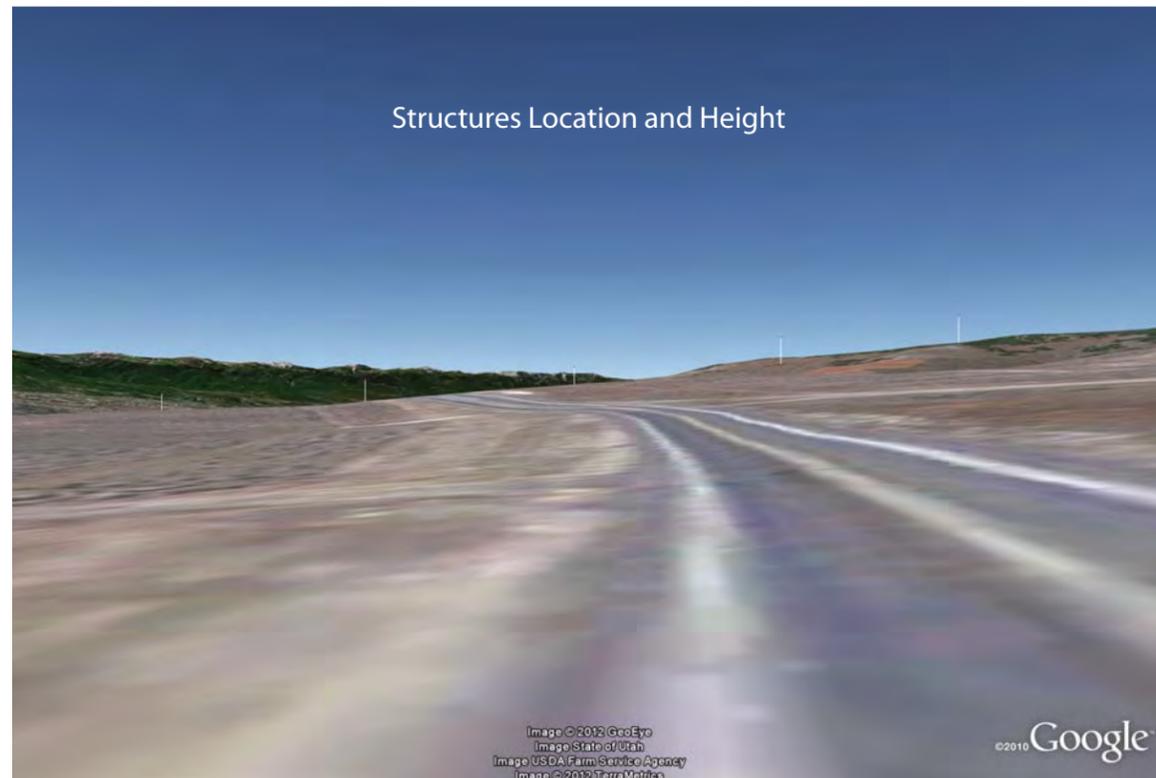
**TRANSWEST EXPRESS  
 TRANSMISSION PROJECT**

KOP Rich-29  
 Milburn Residential  
 (Segment 1217.15)





KOP Photograph



Structures Location and Height

Image ©2012 GeoEye  
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 9/26/11

District **Richfield FO**

Resource Area

Activity (program)

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**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>US-89</u> (north of Fairview) Township <u>13S</u> Range <u>4E</u> Section <u>4</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	Rounded, low relief, domed, rolling	Irregular to uniform expansive patches, stippled in areas	Tall, vertical
LINE	Horizontal, curving, subtle diagonals	Butt to diffuse edges	Vertical
COLOR	Tans	Dark and sage greens, tans	Gray
TEXTURE	Fine to medium grain	Fine to medium grain	Coarse grain, sparse 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		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 to medium grain	Coarse steel lattice structures, and smooth guys and conductors.

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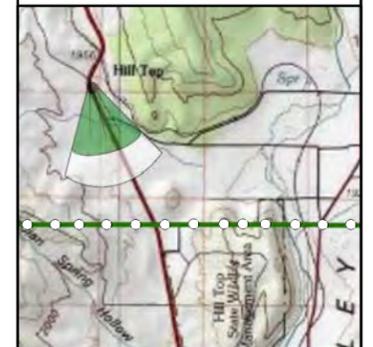
**SECTION D. CONTRAST RATING**     SHORT TERM     LONG TERM

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 9/26/11  7/24/12
Line			X			X				X					
Color			X			X				X					
Texture			X			X			X						

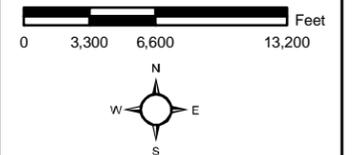
Rationale:  
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



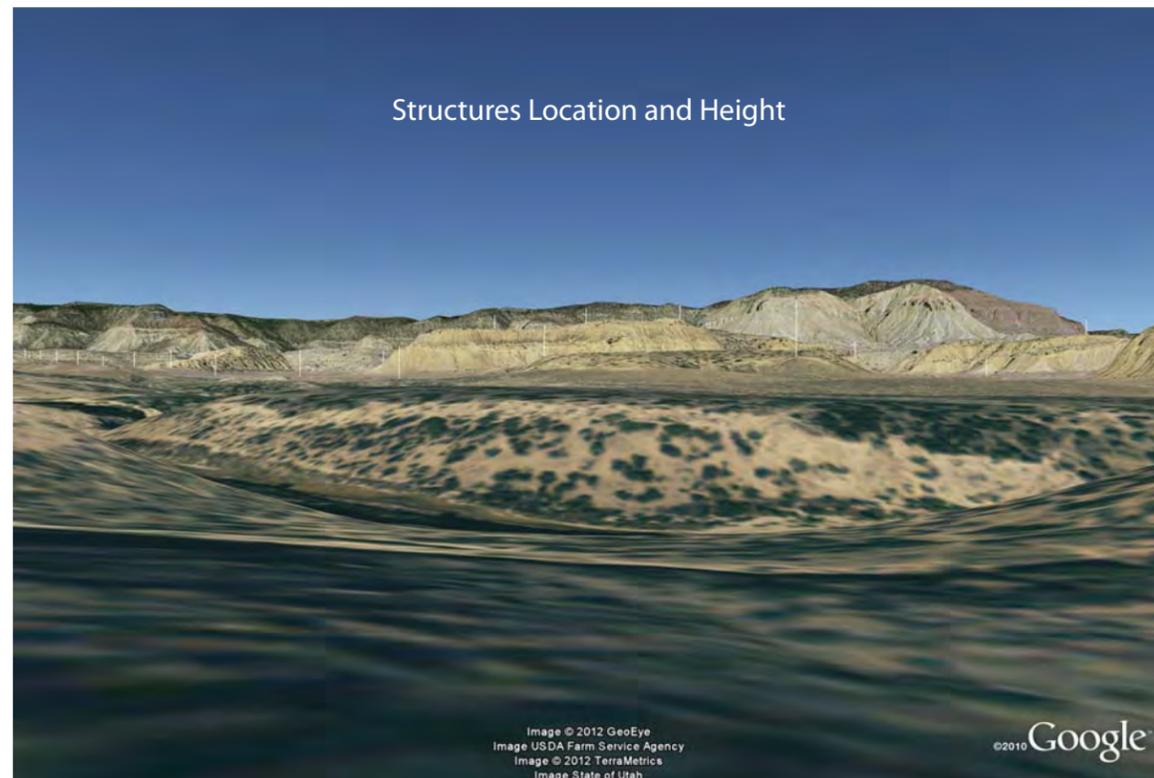
**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP Rich 30  
U.S. Hwy 89  
North of Fairview  
(Segment 1217.15)





KOP Photograph



Structures Location and Height

Image © 2012 GeoEye  
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 08/04/2012

District Richfield FO

Resource Area

Activity (program)

---

**SECTION A. PROJECT INFORMATION**

<b>1. Project Name</b> TransWest Express  <b>2. Key Observation Point</b> Rich-31  <b>3. VRM Class</b> Class IV	<b>4. Location</b> Utah SH-10 (NB) Salaratus Benches  Township 23S  Range 5E  Section 14	<b>5. Location Sketch</b>  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.	Planar 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 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

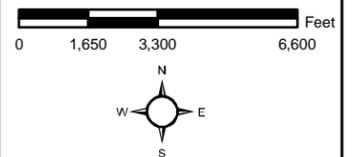
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <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 08/04/2012
Line													X	
Color													X	
Texture													X	



Project Location



KOP Location



**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP Rich-31  
Utah SH 10 (northbound)  
Salaratus Benches  
(Segment 1330.1)



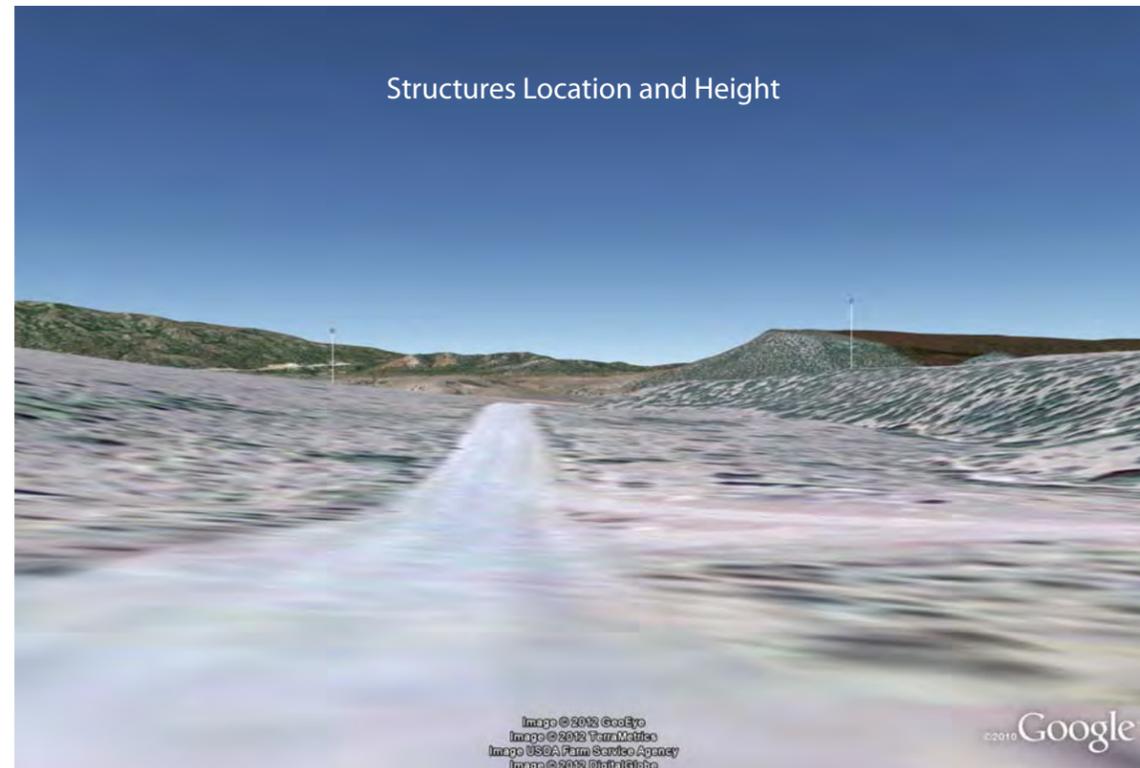
**Rationale:**

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 © 2013 Google  
 Image © 2013 FarmMiles  
 Image USA Farm Service Agency  
 Image © 2013 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 St. George FO  
 Resource Area  
 Activity (program)

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>Pinto Road (WB)</u> Township <u>37S</u> Range <u>16W</u> Section <u>36</u>	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.	Blanket and clumps of pinyon-juniper. Clumps of sagebrush and grasses.	Planar roadway and H-frame. Pyramidal steel lattice towers.
LINE	Curvilinear and angular ridgelines.	Irregular pinyon-juniper, sagebrush and grass patterns.	Meandering roadway. Vertical and horizontal towers and curvilinear conductors.
COLOR	Light to medium reddish tan and grey.	Dark green pinyon-juniper to light silvery green sagebrush and tan grasses.	Light to medium reddish tan roadway. Medium to dark brown H-frames and light to medium grey steel lattice towers.
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 01/04/13
Form														
Line														
Color														
Texture														

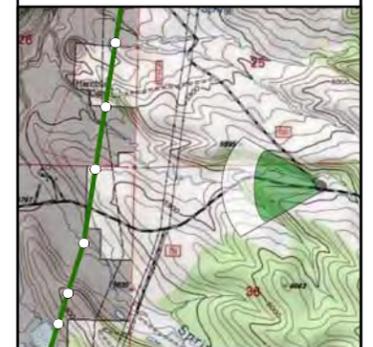
**Rationale:**

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 High SIO or Retention VQO management objectives. Mitigation measures (VR-1, VR-3, VR-4, VR-5, VR-6, 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

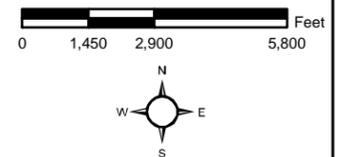
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



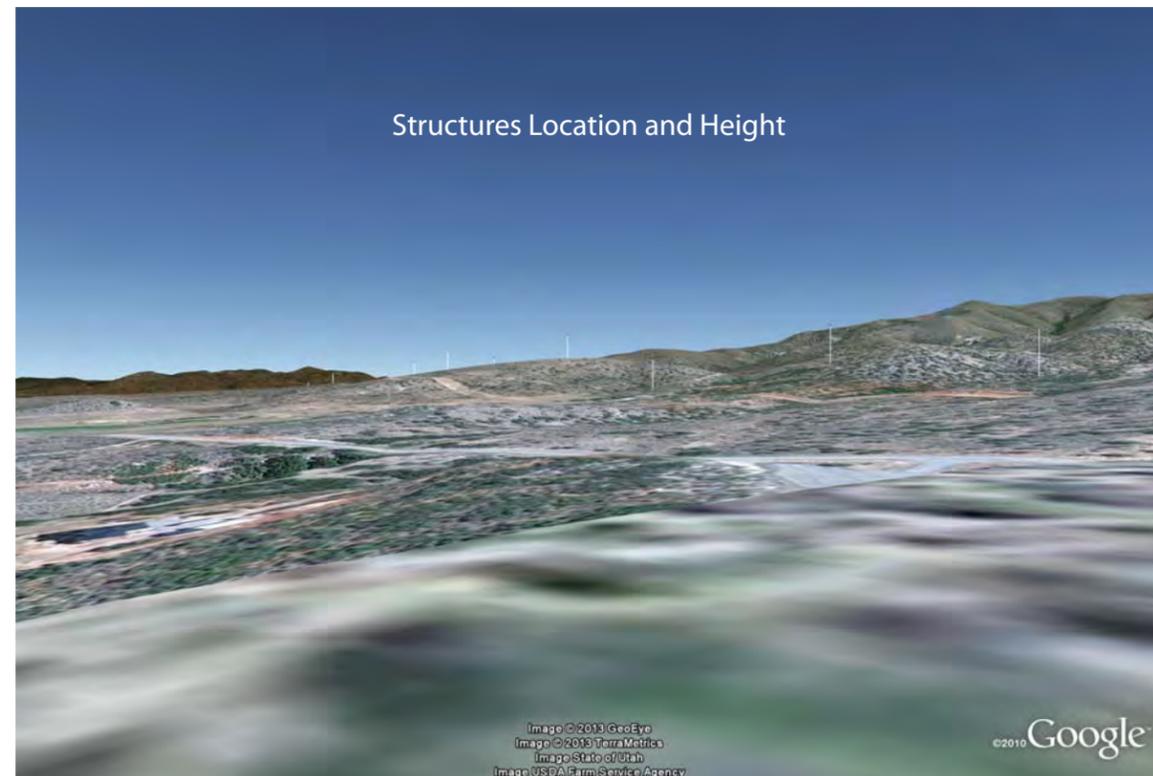
**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP SG-1  
 Pinto Road  
 (westbound)  
 (Segment 1501.1)





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 08/19/2011

District **St. George FO**

Resource Area

Activity (program)

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**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>Mtn Meadows</u> Historic Landmark and Site	5. Location Sketch  Please see Figure 3.12-3
2. Key Observation Point SG-2	Township <u>38S</u>	
3. VRM Class USFS SIO High	Range <u>16W</u> Section <u>15</u>	

---

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Rolling hills and angular mountains.	Blanket and clumps of pinyon-juniper. Clumps of sagebrush and grasses.	Planar pipeline ROW. Planar H-frame and pyramidal steel lattice towers. Cuboid residential structures.
LINE	Curvilinear and angular ridgelines.	Irregular pinyon-juniper, sagebrush and grass patterns.	Meandering pipeline ROW. Vertical and horizontal towers and residential.
COLOR	Light to medium reddish tan and grey.	Dark green pinyon-juniper to light silvery green sagebrush and tan grasses.	Light to medium reddish tan ROW. Medium to dark brown H-frames and light to medium grey steel lattice towers.
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		Planar ROW.	Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		ROW edges are linear.	Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Light to medium tans and browns in the ROW.	Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE		Smooth to medium.	Coarse steel lattice structures, and smooth guys and conductors.

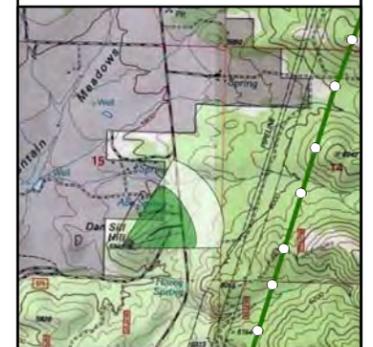
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**SECTION D. CONTRAST RATING**     SHORT TERM     LONG TERM

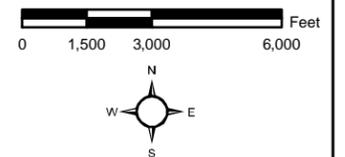
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)		
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)						
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None			
Form							X					X	3. Additional mitigating measures recommended <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)		
Line							X					X			
Color							X					X			
Texture							X					X			
Elements														Evaluator's Names M. Paulson	Date 01/04/13



Project Location



KOP Location



**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP SG-2  
Mountain Meadows National Historic Landmark and Site (Segment 1501.1)



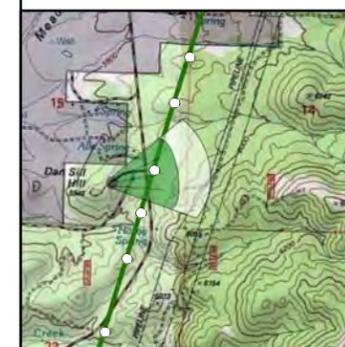
**Rationale:**

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 High SIO or Retention VQO management objectives. Mitigation measures (VR-1, VR-3, VR-4, VR-5, VR-6, 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

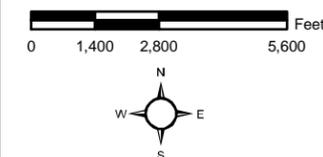
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP SG-2  
Simulated Condition  
(Segment 1501.1)

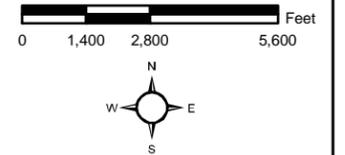




Project Location



KOP Location



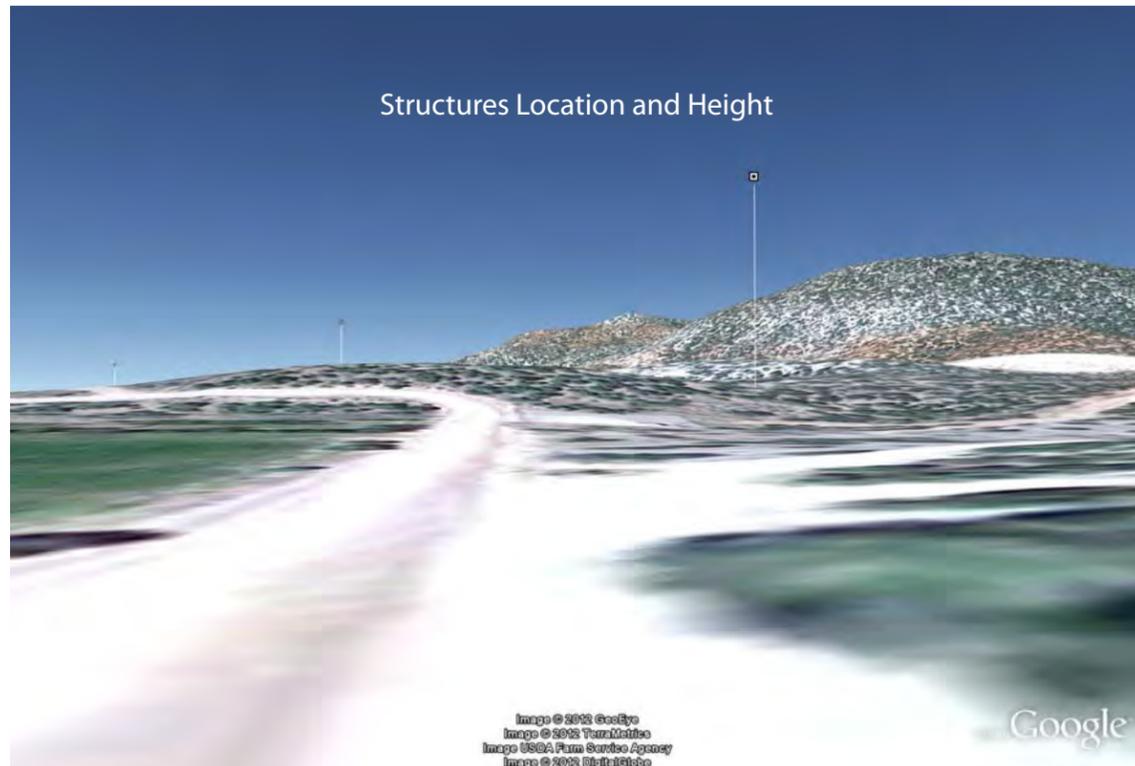
**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP SG-2  
Mitigated Condition  
(Segment 1501.1)





KOP Photograph



Structures Location and Height

Image © 2012 Google  
 Image © 2012 TerraMetrics  
 Image USA 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 08/19/2011  
 District St. George FO  
 Resource Area  
 Activity (program)

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>Pine Valley Highway (WB)</u>	5. Location Sketch Please see Figure 3.12-3
2. Key Observation Point SG-4	Township <u>39S</u>	
3. VRM Class IV	Range <u>16W</u>	
	Section <u>3</u>	

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Rolling hills.	Blanket and clumps of pinyon-juniper. Clumps of sagebrush and grasses.	Planar roadway. Planar H-frame and pyramidal steel lattice towers.
LINE	Curvilinear and angular ridgelines.	Irregular pinyon-juniper, sagebrush and grass patterns.	Meandering roadway. Vertical and horizontal towers. Strong curvilinear conductors.
COLOR	Light to medium reddish tan and grey.	Dark green pinyon-juniper to light silvery green sagebrush and tan grasses.	Light to medium grey and tan roadways. Medium to dark brown H-frames and light to medium grey lattice and 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		Planar ROW clearing in pinyon-juniper.	Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Linear edges of ROW clearing in pinyon-juniper.	Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Light to medium tan grasses in ROW clearing in pinyon-juniper.	Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE		Smooth ROW clearing in pinyon-juniper.	Coarse steel lattice structures, and smooth guys and conductors.

**SECTION D. CONTRAST RATING**  SHORT TERM  LONG TERM

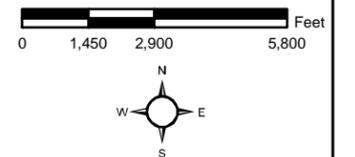
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (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															Evaluator's Names M. Paulson	Date 01/04/13
Line																
Color																
Texture																



Project Location



KOP Location



**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP SG-4  
 Pine Valley Highway  
 (westbound)  
 (Segment 1501.1)

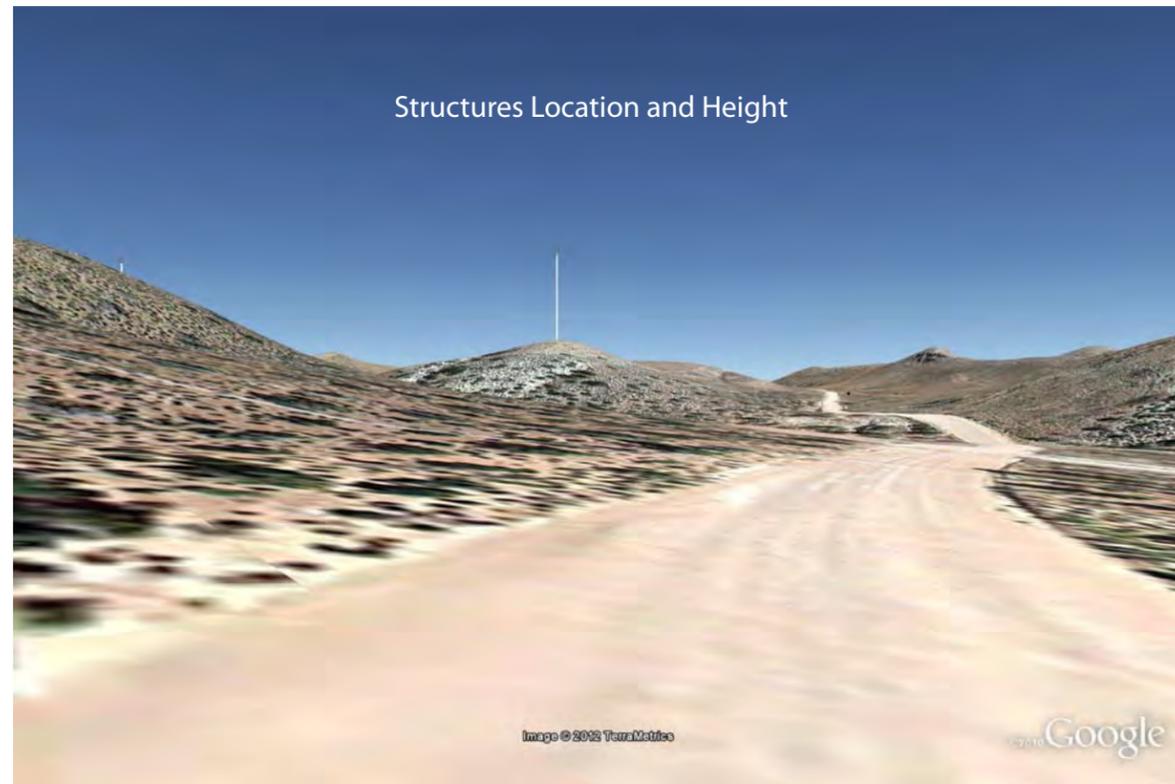


Rationale:  
 The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

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 St. George FO  
Resource Area  
Activity (program)

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>Gunlock Road (SB)</u> Township <u>40S</u> Range <u>18W</u> Section <u>32</u>	5. Location Sketch Please see Figure 3.12-3
--------------------------------------	--	--

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Rolling hills.	Clumps of pinyon-juniper. Clumps of rabbit brush, sagebrush and grasses.	Planar roadway and building.
LINE	Curvilinear and angular ridgelines.	Irregular pinyon-juniper, rabbit brush, sagebrush and grass patterns.	Meandering roadway. Vertical utility poles.
COLOR	Light to medium reddish tan and grey.	Dark green pinyon-juniper to light tan rabbit brush, and silvery green sagebrush and tan grasses.	Light to medium tan roadway. Medium to dark brown utility poles. White building.
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

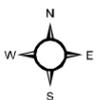
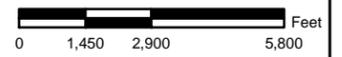
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)						
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures 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																		Evaluator's Names M. Paulson	Date 08/19/2011
Line																			
Color																			
Texture																			



Project Location



KOP Location



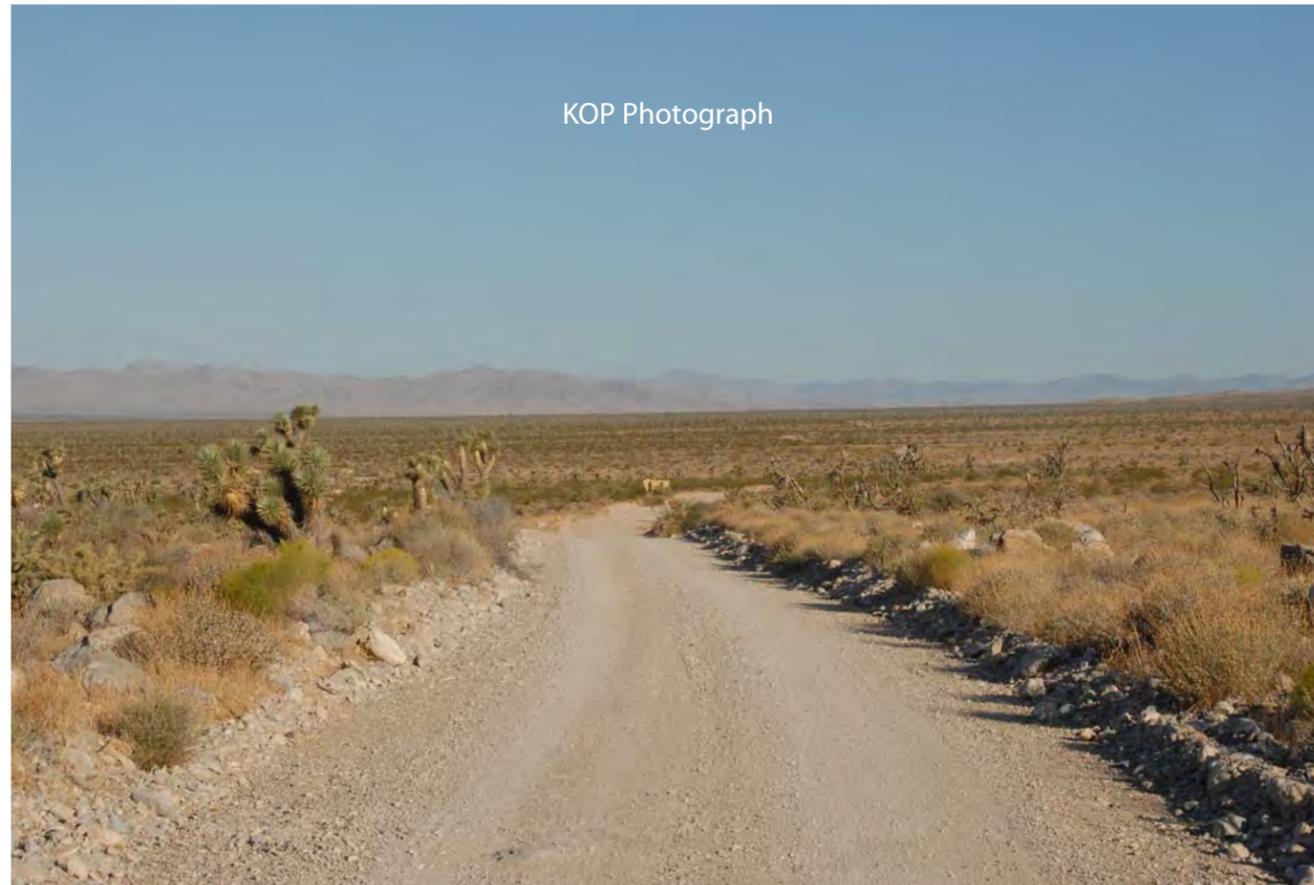
**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP SG-5  
Gunlock Road  
(southbound)  
(Segment 1502.5)

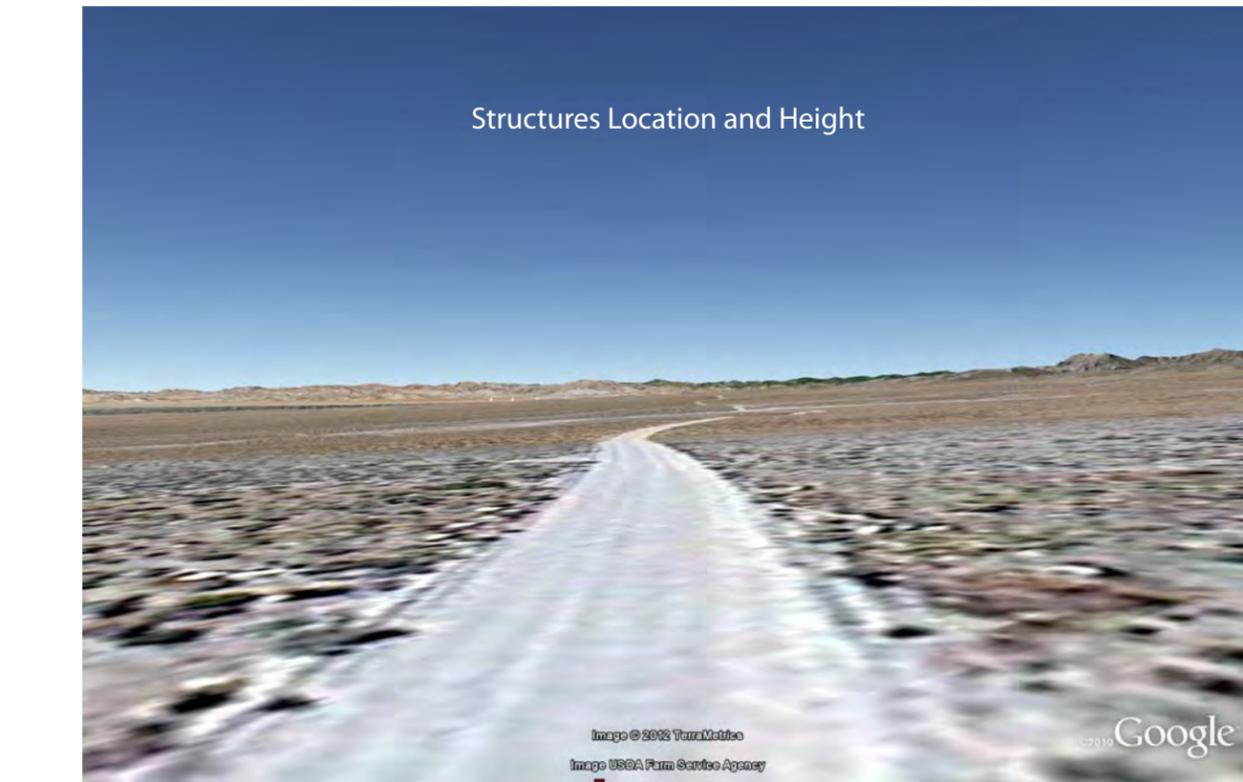


Rationale:  
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

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 08/20/2011  
District St. George FO  
Resource Area  
Activity (program)

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>Mojave</u> <u>Joshua Scenic Bkwy (WB)</u> <u>Township 43S</u> <u>Range 18W</u> <u>Section 30</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. Rolling hills.	Clumps of Joshua trees. Clumps of desert shrubs and grasses.	Planar roadway.
LINE	Horizontal valley floor and angular ridgelines.	Irregular Joshua trees, desert shrubs and grass patterns.	Meandering roadway.
COLOR	Light to medium reddish tan and grey.	Light to medium green Joshua trees to light tan desert shrubs and tan grasses.	Light to medium tan 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			Distant pyramidal steel lattice structures.
LINE			Vertical steel lattice structures.
COLOR			Light silver to dark grey steel lattice structures.
TEXTURE			Indistinct steel lattice structures.

**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	

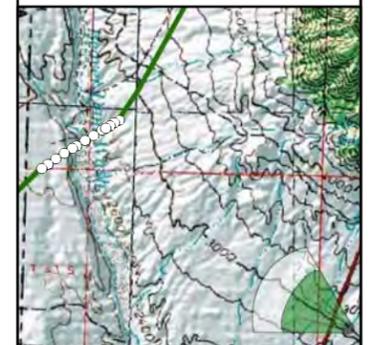
Rationale:

Where the Project 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.

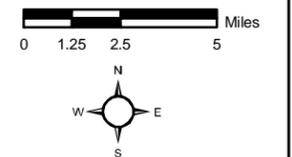
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



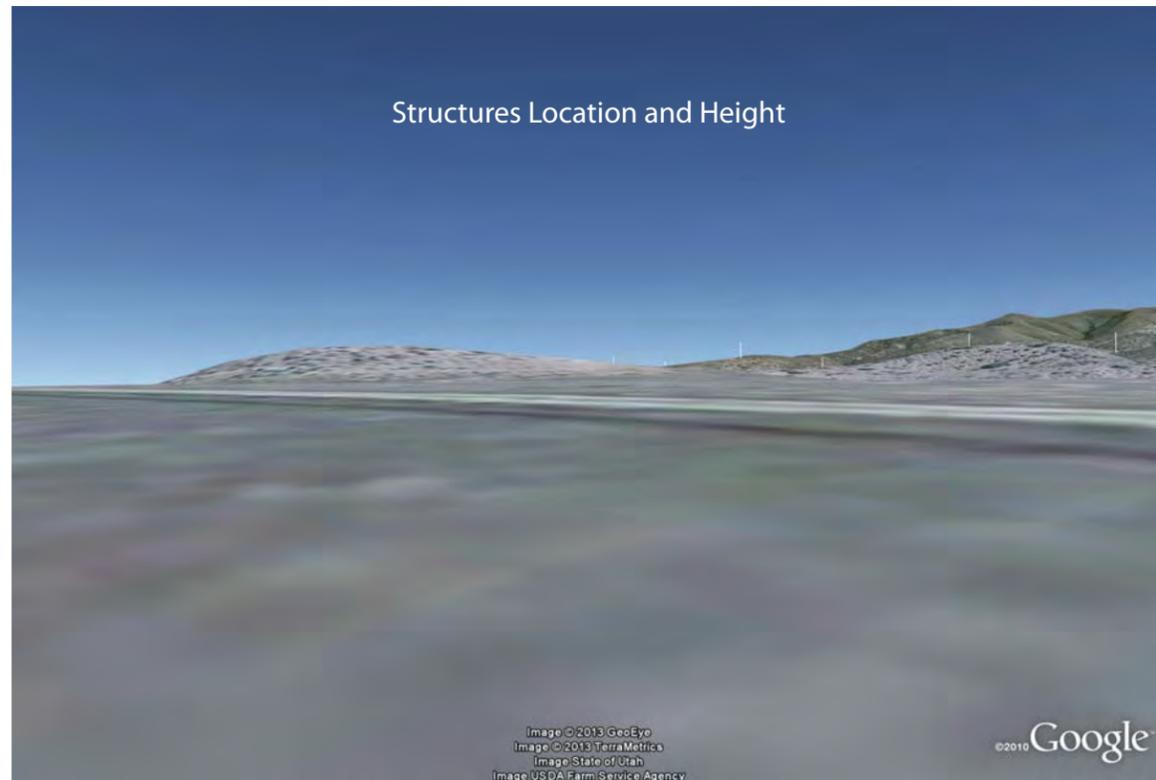
**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP SG-6  
Mojave Joshua  
Scenic Bkwy (westbound)  
(Segment 1502.5)





KOP Photograph



Structures Location and Height

Image © 2013 GeoEye  
Image © 2013 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 St. George FO

Resource Area

Activity (program)

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**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>Mountain Meadows Memorial Parking</u> <u>Township 38S</u> <u>Range 16W</u> <u>Section 15</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	Rolling hills and angular mountains.	Blanket and clumps of pinyon-juniper. Clumps of sagebrush and grasses.	Planar fence and H-frame and pyramidal steel lattice towers. Planar pipeline ROW.
LINE	Curvilinear and angular ridgelines.	Irregular pinyon-juniper, sagebrush and grass patterns.	Vertical and horizontal fence and towers.
COLOR	Light to medium reddish tan and grey.	Dark green pinyon-juniper to light silvery green sagebrush and tan grasses.	Light to medium reddish tan ROW. Medium to dark brown H-frames and light to medium grey steel lattice towers.
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		Planar ROW clearing in pinyon-juniper.	Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Linear edges of ROW clearing in pinyon-juniper.	Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Light to medium tan grasses in ROW clearing in pinyon-juniper.	Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE		Smooth ROW clearing in pinyon-juniper.	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
Form							X				X			
Line							X				X			
Color							X				X			
Texture							X					X		

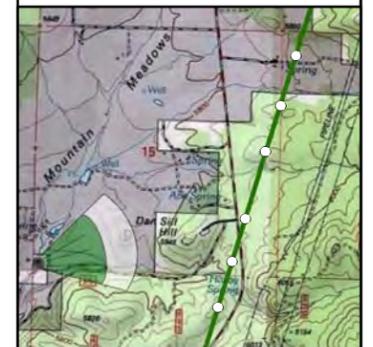
**Rationale:**

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

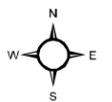
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



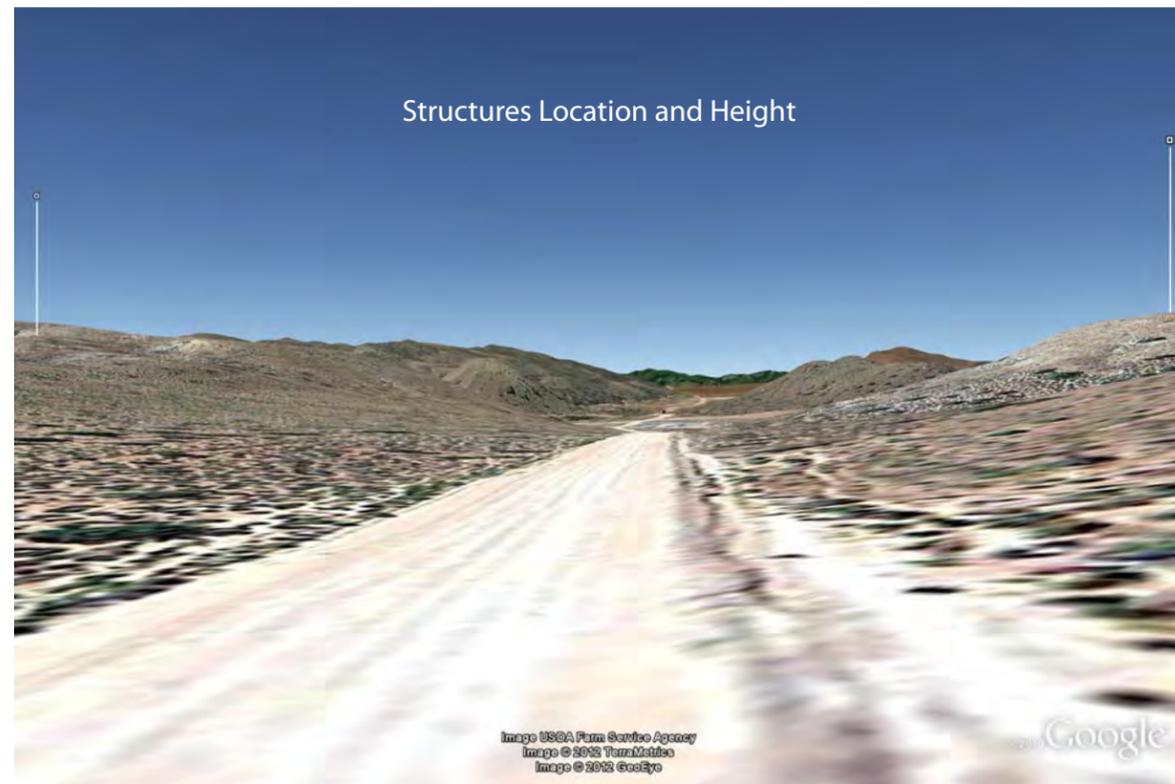
**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP SG-7  
Mountain Meadows  
Memorial Parking  
(Segment 1501.1)





KOP Photograph



Structures Location and Height

Image USGS Farm Service Agency  
Image © 2012 TomTom  
Image © 2012 GeoEye

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 **St. George FO**

Resource Area \_\_\_\_\_

Activity (program) \_\_\_\_\_

---

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>Gunlock Road (NB)</u> <u>Township 40S</u> <u>Range 18W</u> <u>Section 32</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	Rolling hills.	Clumps of pinyon-juniper. Clumps of rabbit brush, sagebrush and grasses.	Pyramidal steel lattice structures. Planar roadway and building.
LINE	Curvilinear and angular ridgelines.	Irregular pinyon-juniper, rabbit brush, sagebrush and grass patterns.	Vertical steel lattice structures and curvilinear conductors. Meandering roadway.
COLOR	Light to medium reddish tan and grey.	Dark green pinyon-juniper to light tan rabbit brush, and silvery green sagebrush and tan grasses.	Light to medium tan roadway. White building.
TEXTURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

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**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.

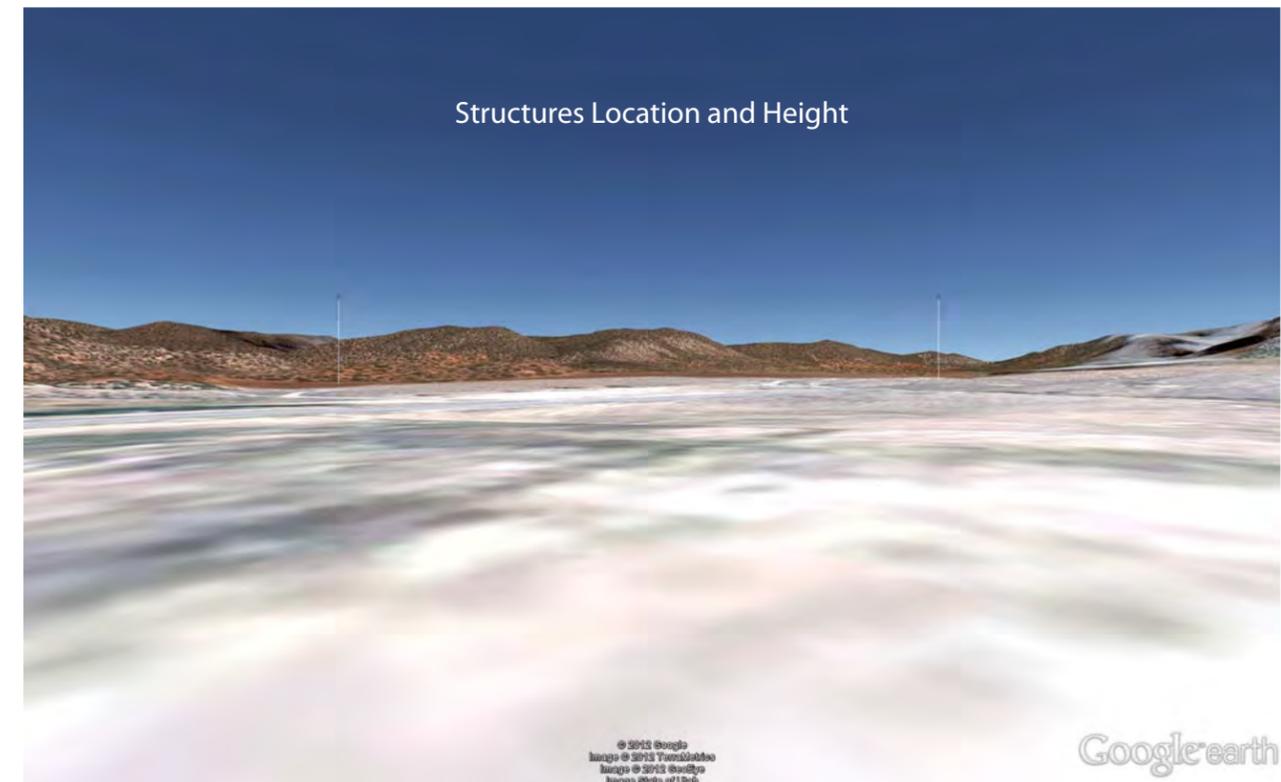
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**SECTION D. CONTRAST RATING**     SHORT TERM     LONG TERM

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)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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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 08/05/2012

District **Dixie NF**

Resource Area \_\_\_\_\_

Activity (program) \_\_\_\_\_

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>Pinto Residences</u> Township <u>37S</u> Range <u>15W</u> Section <u>34</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	Rolling ridgeline and angular mountains.	Blanket and clumps of pinyon-juniper. Blanket and clumps of sagebrush and grasses.	Planar fences and distribution line.
LINE	Curvilinear and angular ridgelines.	Irregular pinyon-juniper, sagebrush and grass patterns.	Vertical fences and distribution line.
COLOR	Light to medium reddish tan and grey.	Dark green pinyon-juniper to light silvery green sagebrush and tan grasses.	Medium to dark brown fences and distribution 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, guys, spherical jumpers, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, circular jumpers, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, jumpers, and conductors.
TEXTURE			Coarse steel lattice structures and smooth conductors.

**SECTION D. CONTRAST RATING**     SHORT TERM     LONG TERM

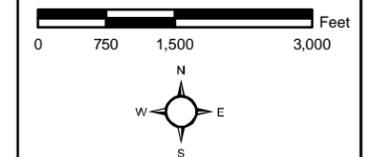
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Elements													Evaluator's Names M. Paulson	Date 08/05/2012
Form														
Line														
Color														
Texture														



Project Location



KOP Location



**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP SG-9  
Pinto Residences  
(Segment 1506)



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 High SIO or Retention VQO management objectives. Mitigation measures (VR-1, VR-3, VR-4, VR-5, VR-6, 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

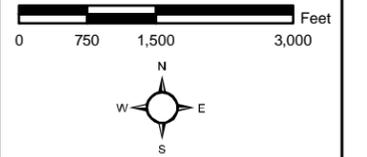
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



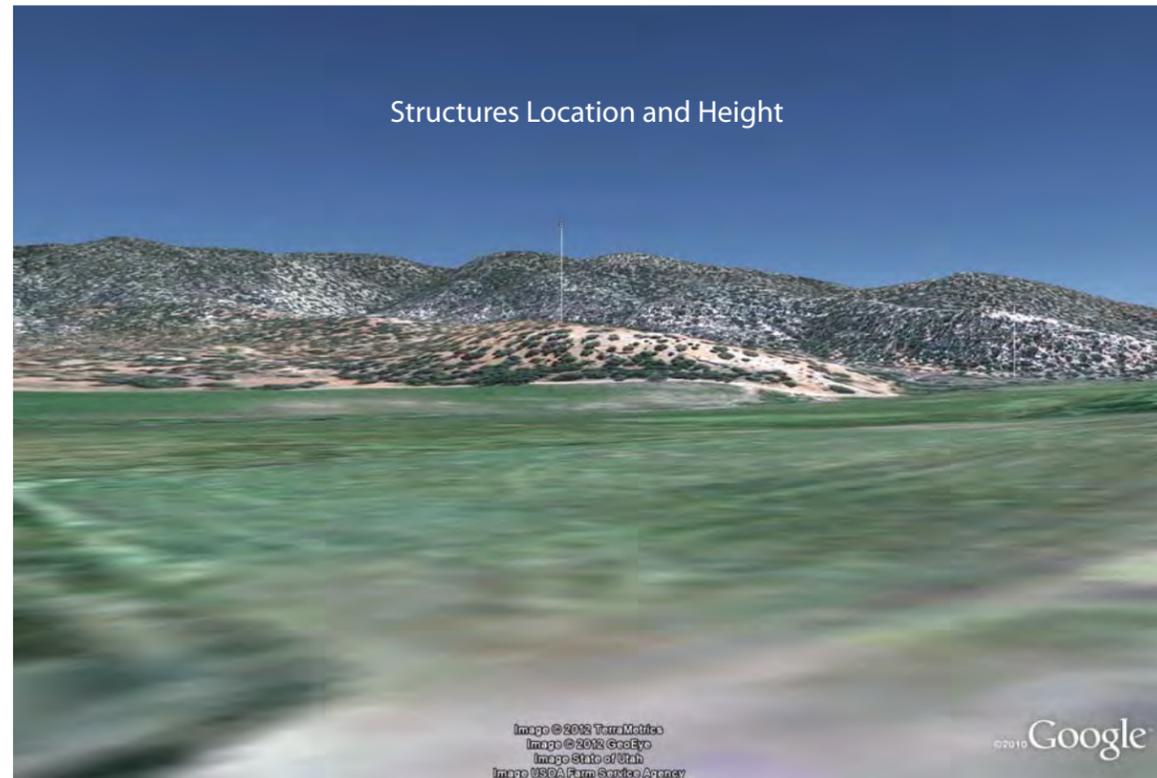
**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP SG-9  
Simulated Condition  
(Segment 1506)





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 08/05/2012

District Dixie NF

Resource Area

Activity (program)

---

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location_Pinto Residences Township 38S Range 15W Section 2	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 ridgeline and angular mountains.	Blanket and clumps of pinyon-juniper. Blanket and clumps of sagebrush and grasses.	Planar fences and distribution line.
LINE	Curvilinear and angular ridgelines.	Irregular pinyon-juniper, sagebrush and grass patterns.	Vertical fences and distribution line.
COLOR	Light to medium reddish tan and grey.	Dark green pinyon-juniper to light silvery green sagebrush and tan grasses.	Medium to dark brown fences and distribution 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		Planar ROW.	Pyramidal steel lattice structures, guys, and tubular conductors.
LINE		ROW edges are linear.	Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Light to medium tans and browns in the ROW.	Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE		Smooth to medium.	Coarse steel lattice structures and smooth conductors.

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**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																	
Line																	
Color																	
Texture																	

Elements

Form																	
Line																	
Color																	
Texture																	

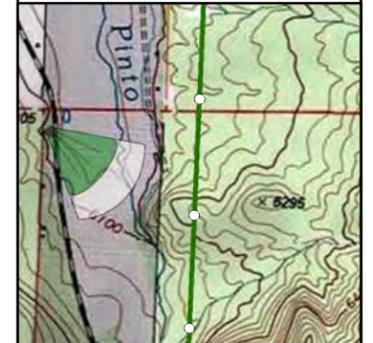
Evaluator's Names: M. Paulson      Date: 08/05/2012

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 High SIO or Retention VQO management objectives. Mitigation measures (VR-1, VR-3, VR-4, VR-5, VR-6, 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

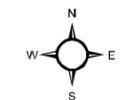
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



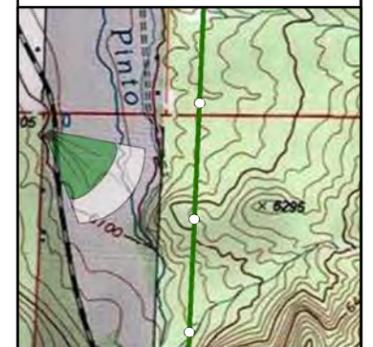
**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP SG-10  
Pinto Residences  
(Segment 1506)

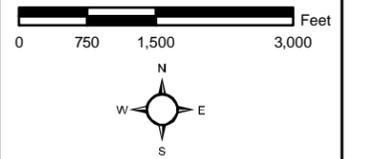




Project Location



KOP Location



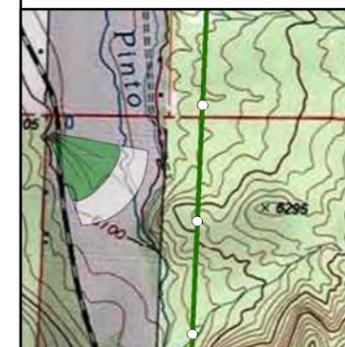
**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP SG-10  
Simulated Condition  
(Segment 1506)

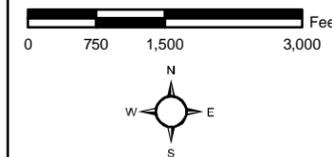




Project Location



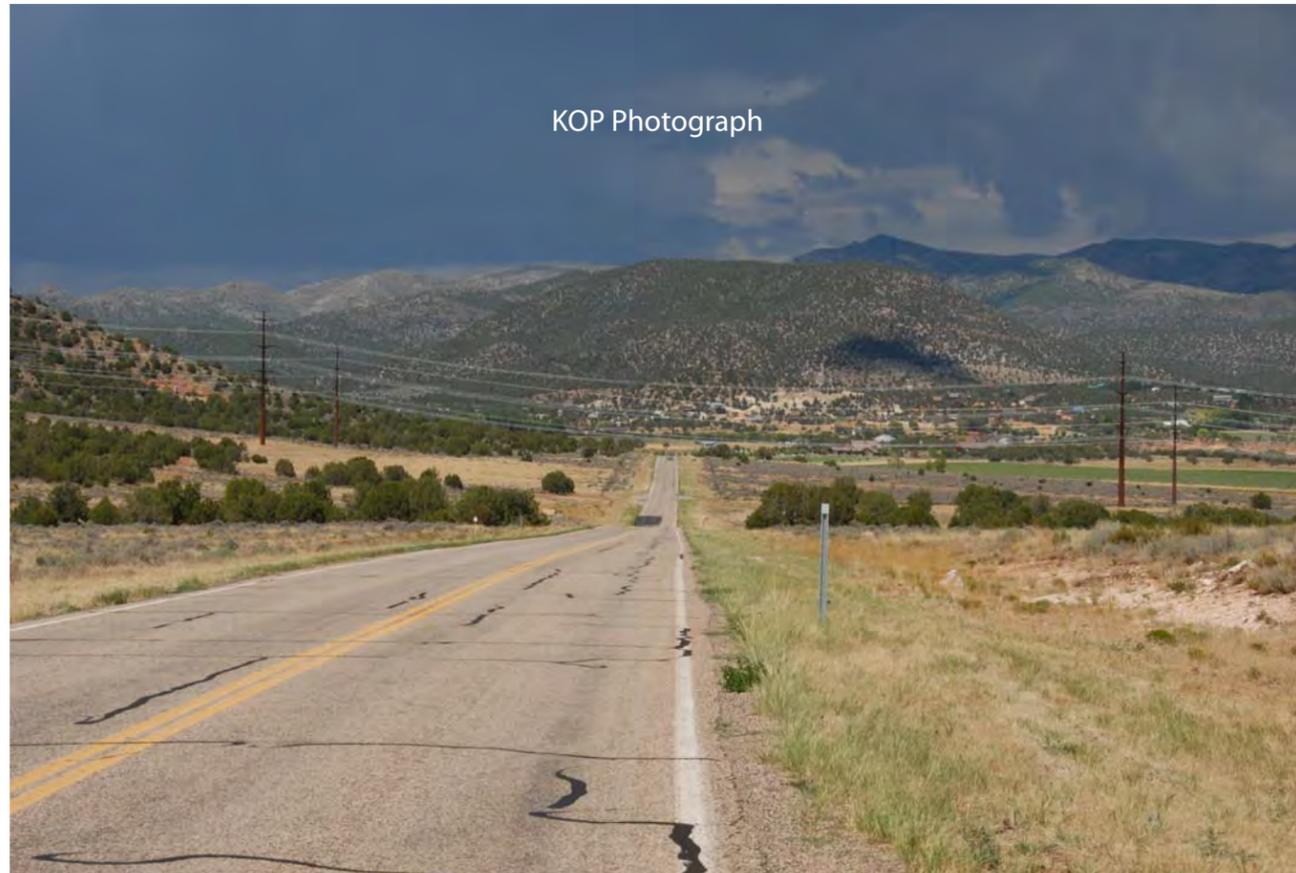
KOP Location



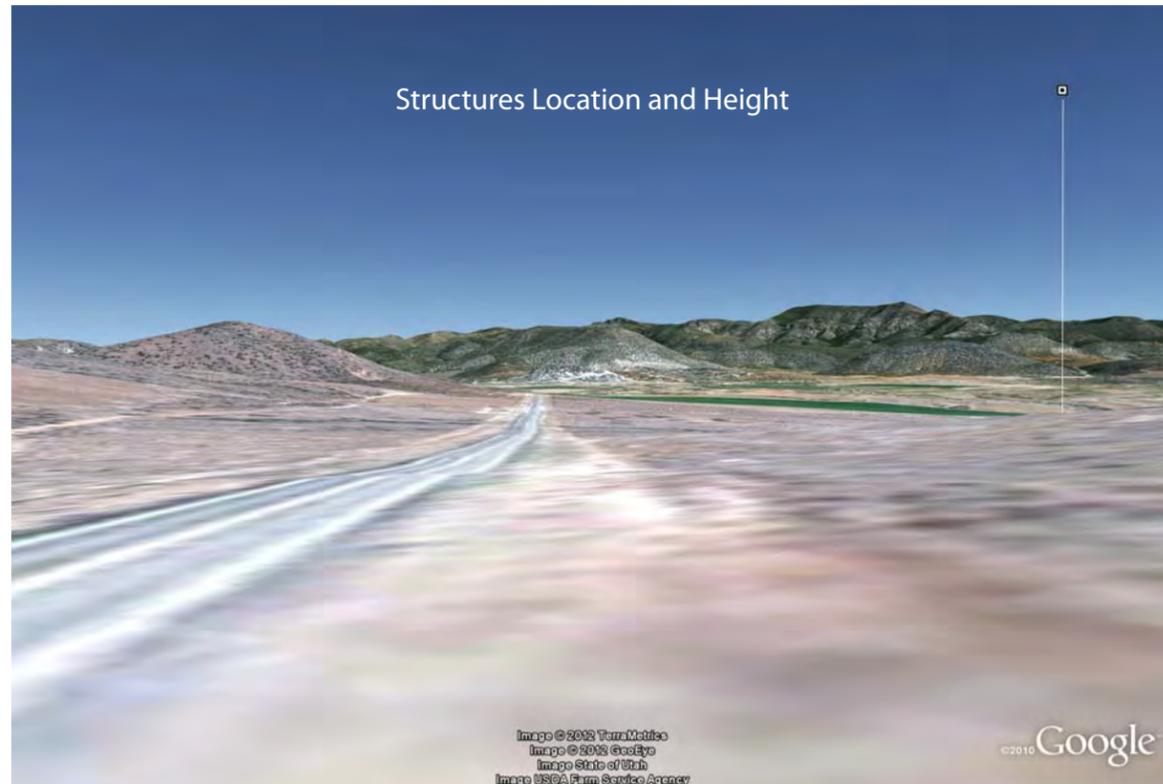
**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP SG-10  
Cumulative Condition  
(Segment 1506)





KOP Photograph



Structures Location and Height

Image © 2012 Terra Metrics  
 Image © 2012 GeoEye  
 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 **St. George FO**

Resource Area

Activity (program)

---

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>Utah SH-18 (NB)</u>	5. Location Sketch Please see Figure 3.12-3
2. Key Observation Point SG-11	Township <u>39S</u>	
3. VRM Class IV	Range <u>16W</u>	
	Section <u>16</u>	

---

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Rolling hills and angular mountains.	Blanket and clumps of pinyon-juniper. Clumps of sagebrush and grasses.	Planar roadway. Cylindrical monopoles.
LINE	Curvilinear and angular ridgelines.	Irregular pinyon-juniper, sagebrush and grass patterns.	Meandering roadway. Vertical towers. Strong curvilinear conductors.
COLOR	Light to medium reddish tan and grey.	Dark green pinyon-juniper to light silvery green sagebrush and tan grasses.	Light to medium grey roadway. Medium to dark brown monopoles and light to medium grey 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

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			
Line															X			
Color															X			
Texture																X		

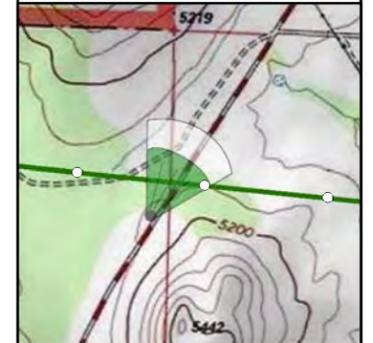
Evaluator's Names: M. Paulson      Date: 08/19/2011

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.

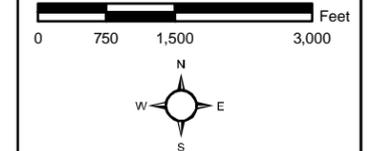
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



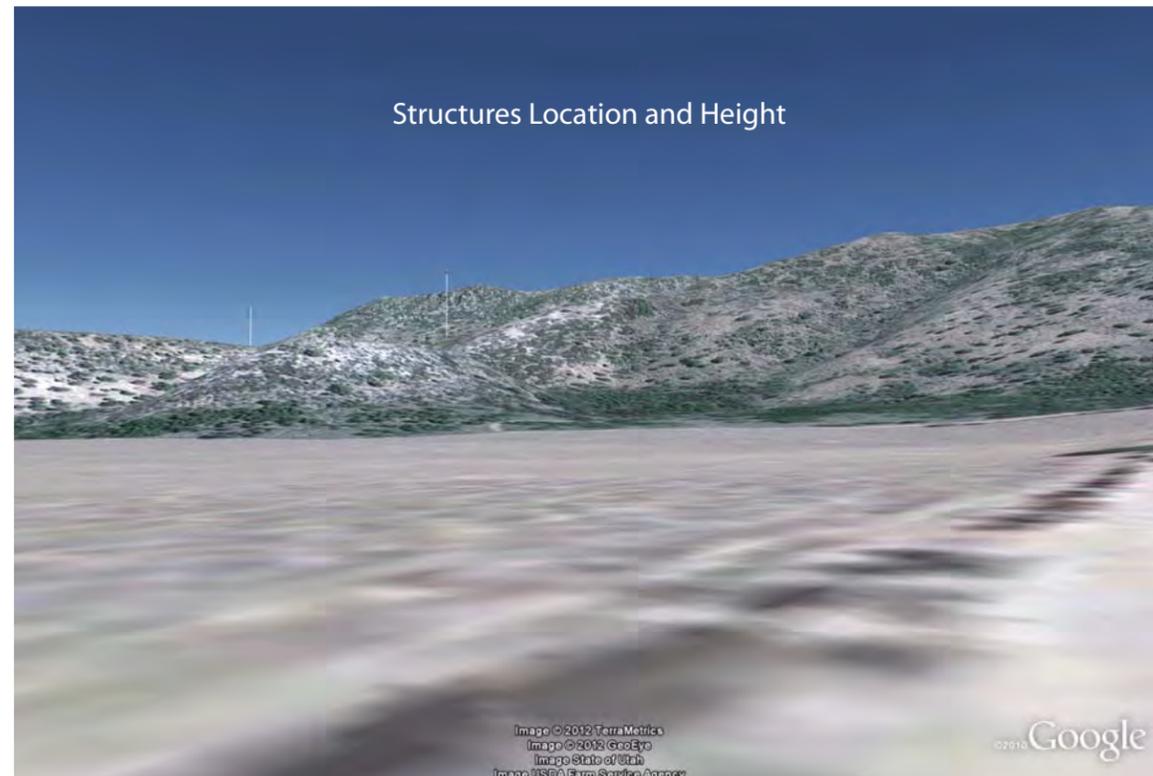
**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP SG-11  
 Utah SH 18  
 (southbound)  
 (Segment 1506)





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 **Dixie NF**

Resource Area

Activity (program)

---

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>Ox Valley Ranch</u>	5. Location Sketch  Please see Figure 3.12-3
2. Key Observation Point SG-12	Township <u>38S</u>	
3. VRM Class USFS SIO High	Range <u>17W</u> Section <u>14</u>	

---

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Rolling ridgeline and angular mountains.	Blanket and clumps of pinyon-juniper. Blanket and clumps of sagebrush and grasses.	Planar fences and distribution line.
LINE	Curvilinear and angular ridgelines.	Irregular pinyon-juniper, sagebrush and grass patterns.	Vertical fences and distribution line
COLOR	Light to medium reddish tan and grey.	Dark green pinyon-juniper to light silvery green sagebrush and tan grasses.	Medium to dark brown fences and distribution 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, guys, spherical jumpers, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, circular jumpers, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, jumpers, and conductors.
TEXTURE			Coarse steel lattice structures and smooth conductors.

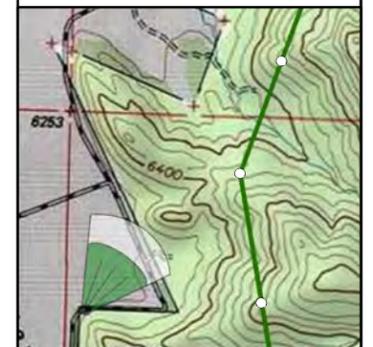
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**SECTION D. CONTRAST RATING**     SHORT TERM     LONG TERM

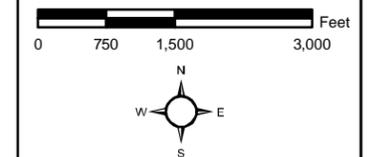
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <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 08/04/2012
Line														
Color														
Texture														



Project Location



KOP Location



**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP SG-12  
Ox Valley Ranch  
(Segment 1505)



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 High SIO or Retention VQO management objectives. Mitigation measures (VR-1, VR-3, VR-4, VR-5, VR-6, 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

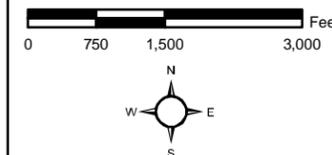
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



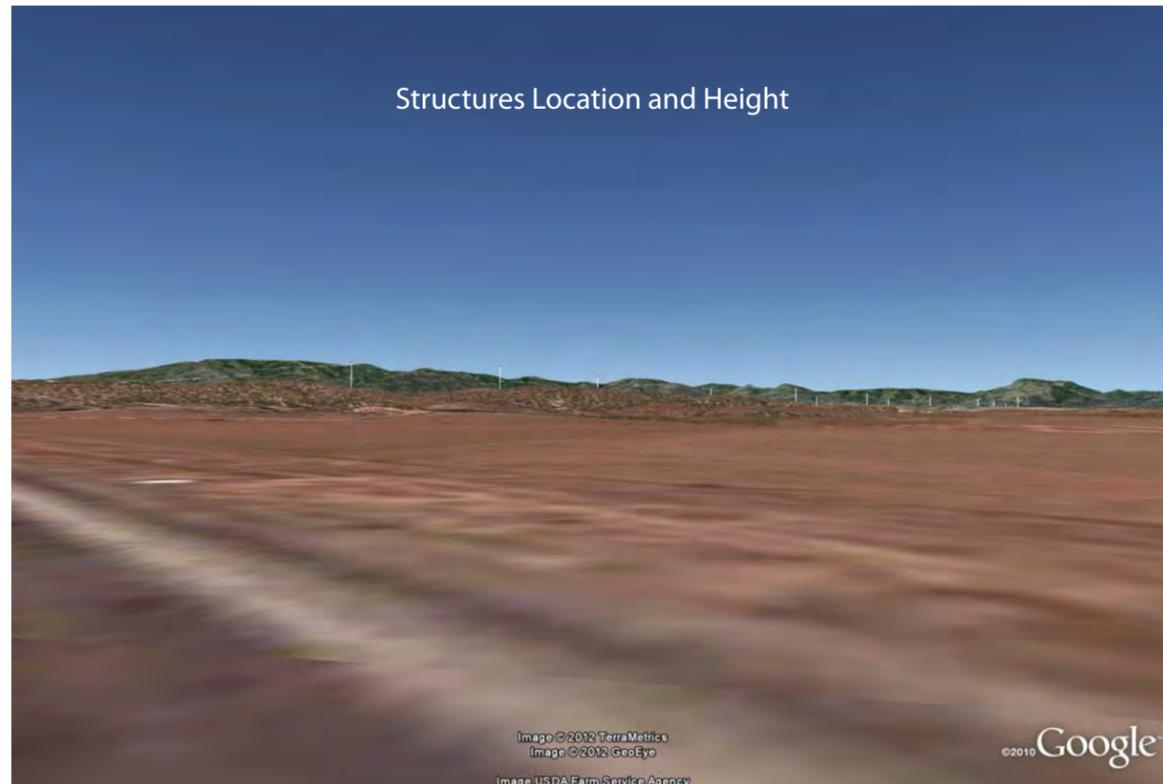
**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP SG-12  
Simulated Condition  
(Segment 1505)





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 **Dixie NF**

Resource Area \_\_\_\_\_

Activity (program) \_\_\_\_\_

---

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>Enterprise - Utah SR-18 (EB)</u>	5. Location Sketch Please see Figure 3.12-3
2. Key Observation Point SG-13	Township <u>37S</u>	
3. VRM Class USFS SIO High	Range <u>17W</u>	
	Section <u>13</u>	

---

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Rolling hills and angular mountains.	Clumps of pinyon-juniper. Clumps of rabbit brush, sagebrush and grasses.	Planar fences, cubed buildings, and cylindrical communications towers on ridgeline.
LINE	Curvilinear and angular ridgelines.	Irregular pinyon-juniper, rabbit brush, sagebrush and grass patterns.	Vertical structures and horizontal and vertical buildings.
COLOR	Light to medium reddish tan and grey.	Dark green pinyon-juniper to light tan rabbit brush, and silvery green sagebrush and tan grasses.	Multiple colors on buildings and dark grey structures and fences.
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		Planar ROW	Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Horizontal and angular ROW edges	Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Lighter greens and tans in ROW	Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE		Smooth to medium ROW	Coarse steel lattice structures, and smooth guys and conductors.

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**SECTION D. CONTRAST RATING**     SHORT TERM     LONG TERM

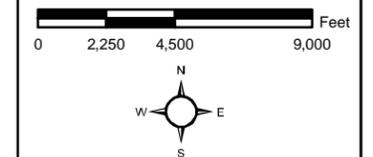
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <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 08/04/2012
Line						X					X			
Color						X						X		
Texture							X					X		



Project Location



KOP Location



**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP SG-13  
Enterprise Utah SR 18  
(eastbound)  
(Segment 1504)



**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 High SIO or Retention VQO management objectives. Mitigation measures (VR-1, VR-3, VR-4, VR-5, VR-6, 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

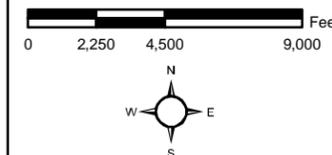
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



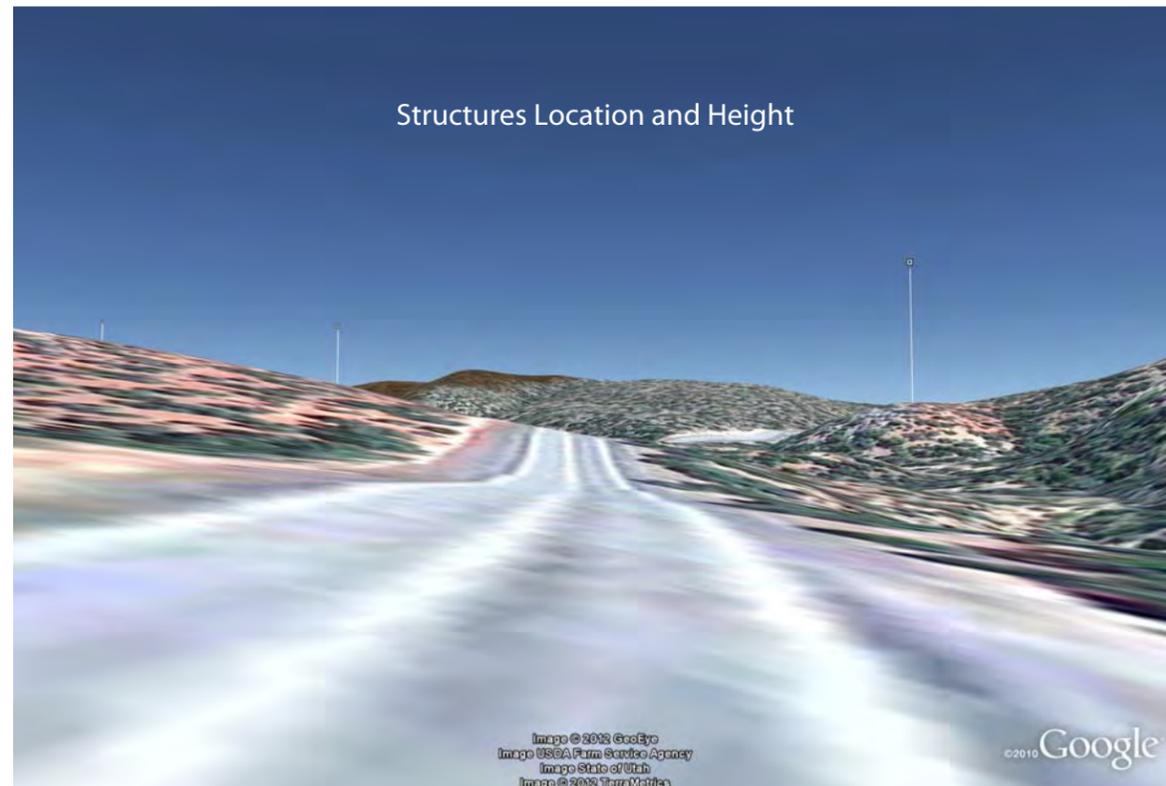
**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP SG-13  
Simulated Condition  
(Segment 1504)





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 Dixie NF

Resource Area

Activity (program)

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**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>Utah SR-18</u> (EB) Township <u>37S</u> Range <u>16W</u> Section <u>29</u>	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 hills.	Blanket of pinyon-juniper. Planar roadside grasses.	Planar roadway
LINE	Curvilinear and angular ridgelines.	Irregular pinyon-juniper and grass patterns.	Horizontal and curvilinear roadway.
COLOR	Light to medium reddish tan and grey.	Dark green pinyon-juniper to light tan grasses.	Light to medium grey roadway.
TEXTURE	Smooth to medium landform.	Smooth, medium, and coarse.	Smooth to medium.

**SECTION C. PROPOSED ACTIVITY DESCRIPTION**

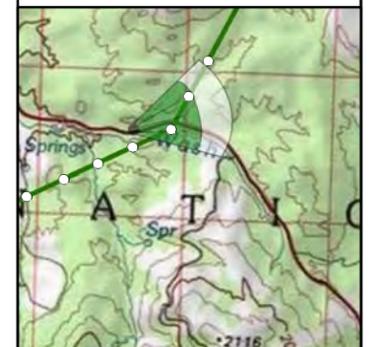
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Planar ROW	Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Horizontal and angular ROW edges	Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Lighter greens and tans in ROW	Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE		Smooth to medium ROW	Coarse steel lattice structures, and smooth guys and conductors.

**SECTION D. CONTRAST RATING**  SHORT TERM  LONG TERM

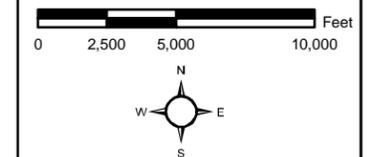
Elements	DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Explain on reverse side)	3. Additional mitigating measures recommended <input checked="" type="checkbox"/> Yes <input 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															Evaluator's Names M. Paulson	Date 08/04/2012
Line																
Color																
Texture																



Project Location



KOP Location



**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP SG-14  
Enterprise Utah SR 18  
(eastbound)  
(Segment 1503)

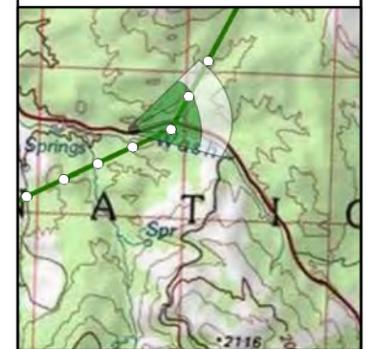


Rationale:  
Where the Project would be located within 0.5 miles of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong or moderate contrast and would not be consistent with High SIO or Retention VQO management objectives. Mitigation measures (VR-1, VR-3, VR-4, VR-5, VR-6, 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

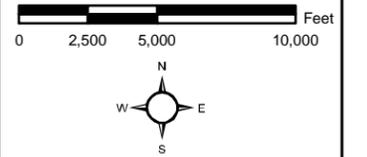
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



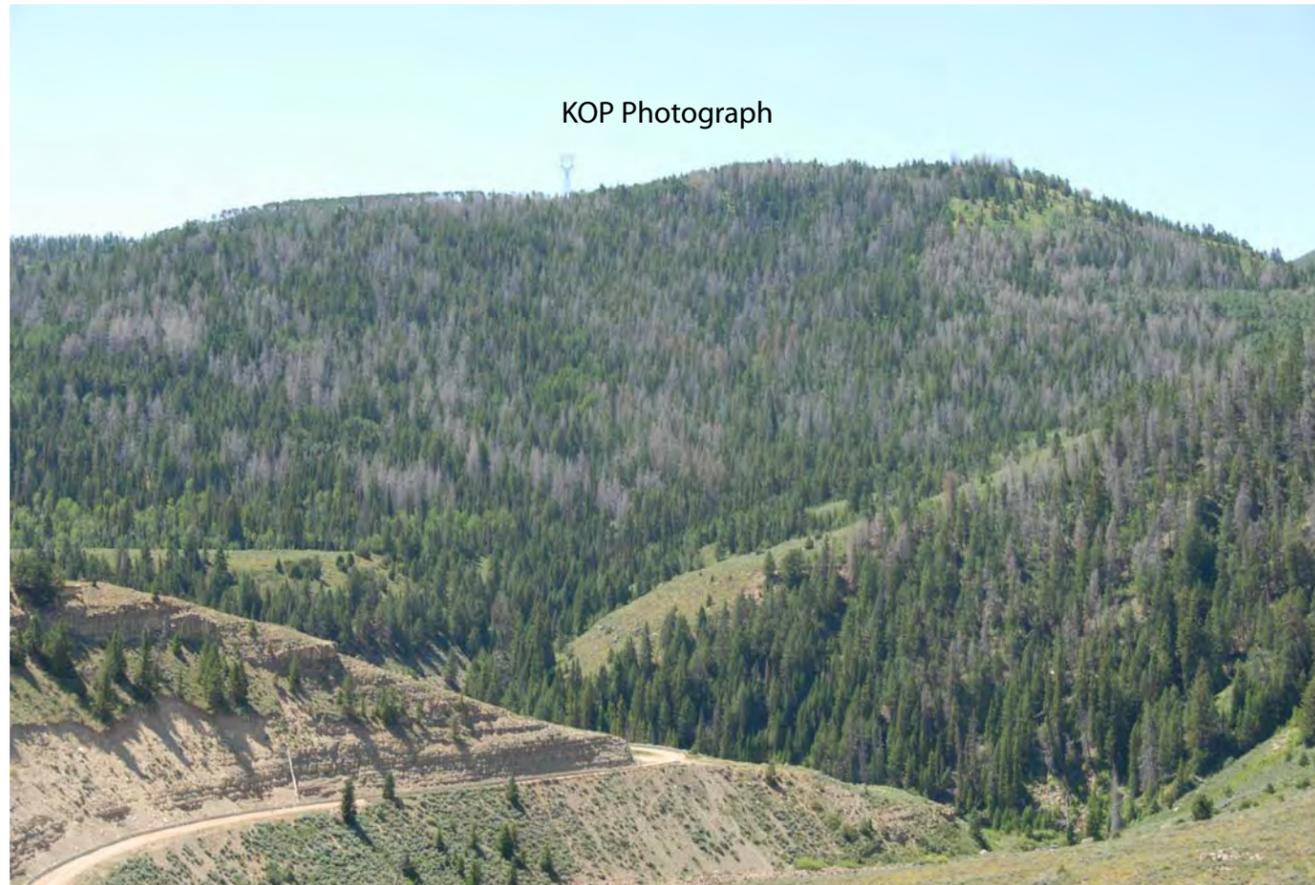
KOP Location



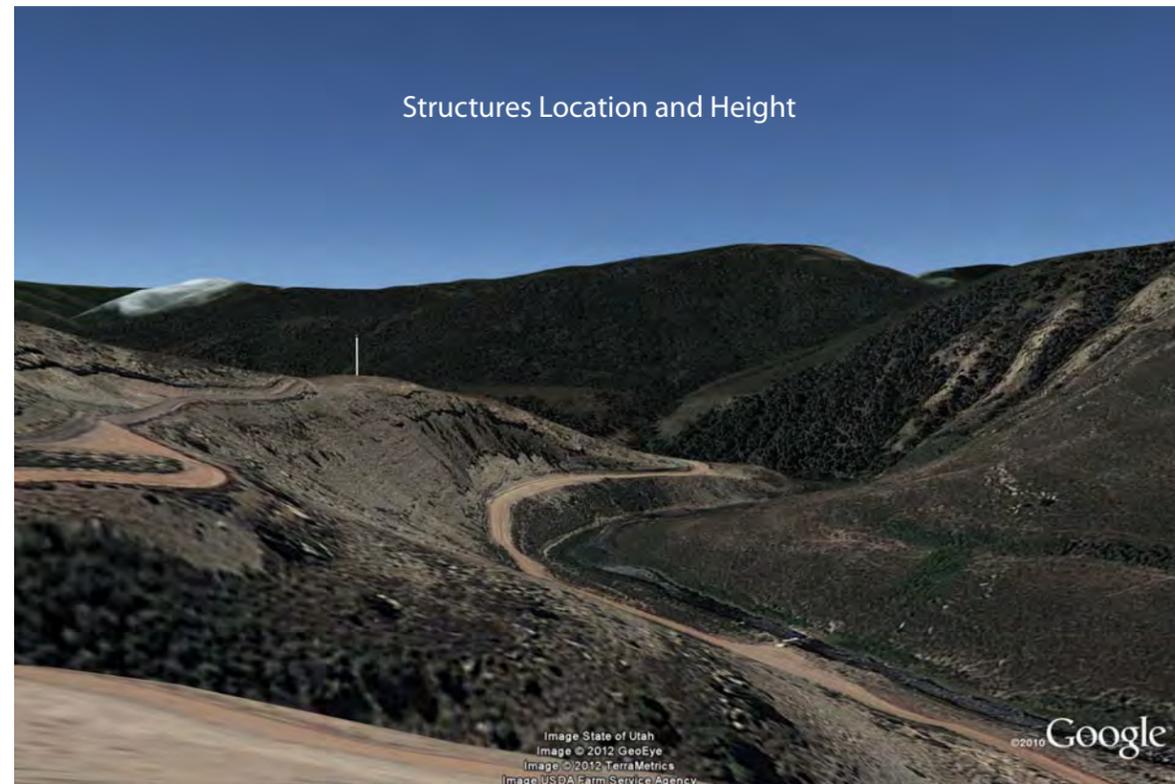
**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP SG-14  
Simulated Condition  
(Segment 1503)





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 07/23/2011

District Salt Lake FO

Resource Area

Activity (program)

---

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>Soldier Cr. Bay Dam Overlook</u>	5. Location Sketch  Please see Figure 3.12-2
2. Key Observation Point SL-1	Township <u>4S</u>	
3. VRM Class USFS VQO Partial Retention	Range <u>10W</u> Section <u>16</u>	

---

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular mountain ridges. Extensive inclined planar side slopes.	Organic shapes of alpine trees and grasses.	Strongly planar steel lattice towers and weak conductors.
LINE	Curvilinear mountain skyline and angular side slopes.	Curvilinear tree edges and edges of grass patterns. Linear erosional patterns.	Vertical and horizontal lattice towers. Angular access roads.
COLOR	Light to medium brown rock and soil.	Dark olive green and light grey/tan (dead) trees. Light to medium green grasses.	Light grey distant tower and light brown access road.
TEXTURE	Smooth landforms, coarse geology.	Coarse trees and shrubs, and smooth grasses.	Moderately coarse towers. Smooth access roads.

---

**SECTION C. PROPOSED ACTIVITY DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Planar ROW clearing in spruce-fir and aspen.	Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Linear edges of ROW clearing in spruce-fir and aspen.	Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Light green to tan ROW clearing in spruce-fir and aspen.	Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE		Smooth ROW clearing in spruce-fir and aspen.	Coarse steel lattice structures, and smooth guys and conductors.

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**SECTION D. CONTRAST RATING**     SHORT TERM     LONG TERM

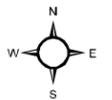
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)			
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <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 07/22/2011
	Line										X					
	Color										X					
	Texture										X					



Project Location



KOP Location



**TRANSWEST EXPRESS TRANSMISSION PROJECT**

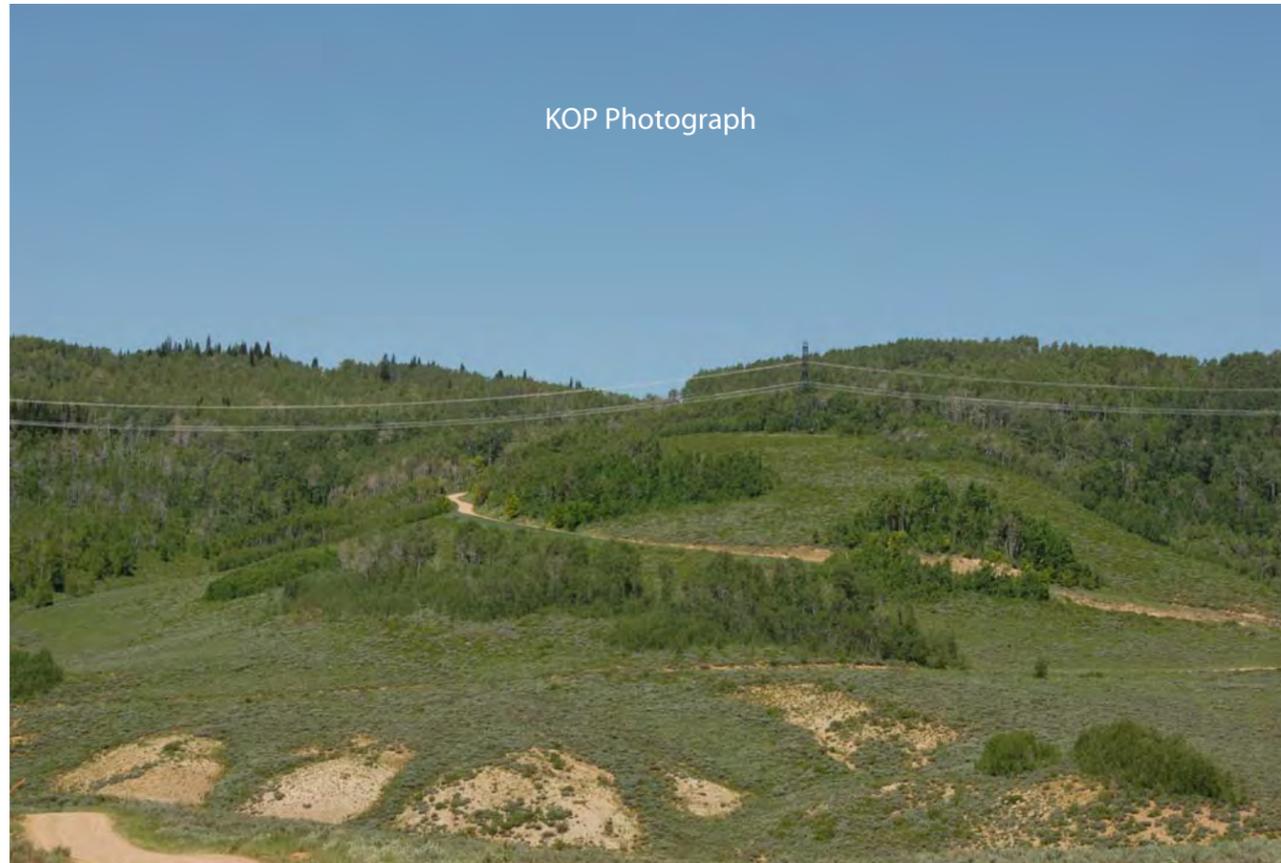
KOP SL-1  
Soldier Circle Bay Dam Ovrlik  
(Segment 1323)



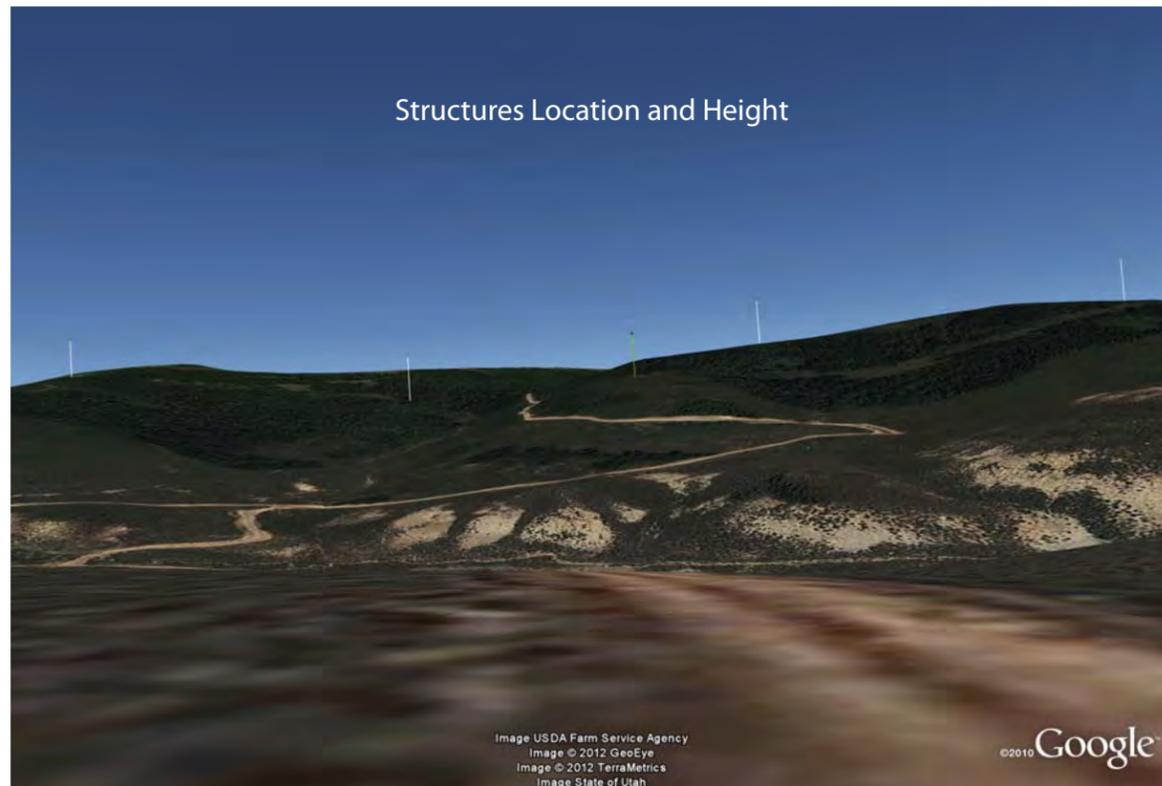
**Rationale:**

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.



KOP Photograph



Structures Location and Height

Image USDA Farm Service Agency  
Image © 2012 GeoEye  
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 07/23/2011

District Salt Lake FO

Resource Area

Activity (program)

---

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>WhiteRv.-</u> <u>Recreation Rd.</u> Township <u>5S</u> Range <u>11W</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 ridges. Extensive inclined planar side slopes.	Pyramidal shapes of spruce and fir trees and organic shapes of aspen, shrub and grass patterns.	Strongly planar steel lattice towers and conductors.
LINE	Curvilinear mountain skyline and angular side slopes.	Curvilinear tree edges and edges of grass patterns.	Vertical and horizontal lattice towers and horizontal conductors. Angular access roads.
COLOR	Light to medium brown rock and soil.	Dark olive green and light grey/tan (dead) trees. Light to medium green grasses.	Dark grey tower and light brown access road.
TEXTURE	Smooth landforms, coarse geology.	Coarse trees and shrubs, and smooth grasses.	Moderately coarse towers. Smooth access roads.

---

**SECTION C. PROPOSED ACTIVITY DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		ROW clearing of spruce, fir and aspen creates planar forms	Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Horizontal edges of ROW clearing.	Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Green and tan grasses replace trees.	Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE		Smooth grasses.	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 01/04/13
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.

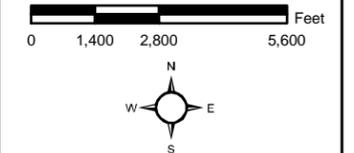
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



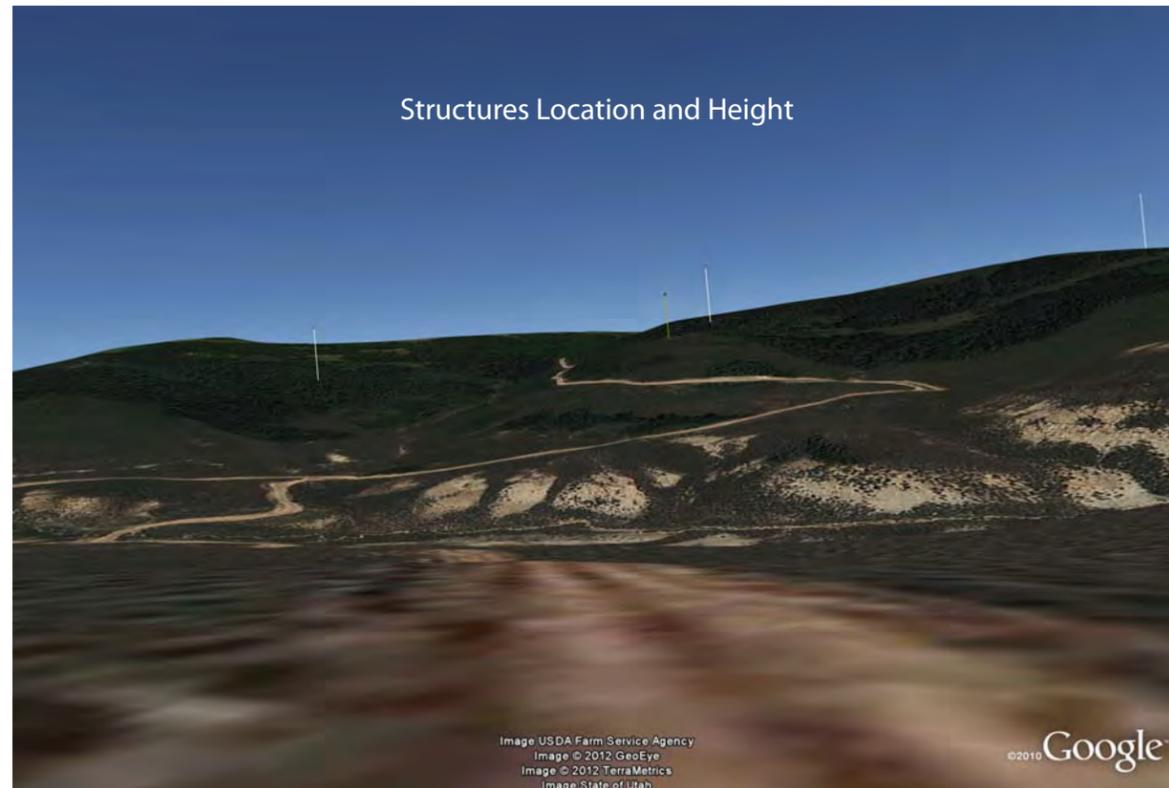
**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP SL-2  
White River  
Recreation Road  
(Segment 1324)





KOP Photograph



Structures Location and Height

Image USDA Farm Service Agency  
 Image © 2012 GeoEye  
 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 07/23/2011  
 District Salt Lake FO  
 Resource Area  
 Activity (program)

---

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>WhiteRv.- Recreation Rd.</u> Township <u>5S</u> Range <u>11W</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 ridges. Extensive inclined planar side slopes.	Pyramidal shapes of spruce and fir trees and organic shapes of aspen, shrub and grass patterns.	Strongly planar steel lattice towers and conductors.
LINE	Curvilinear mountain skyline and angular side slopes.	Curvilinear tree edges and edges of grass patterns.	Vertical and horizontal lattice towers and horizontal conductors. Angular access roads.
COLOR	Light to medium brown rock and soil.	Dark olive green and light grey/tan (dead) trees. Light to medium green grasses.	Dark grey tower and light brown access road.
TEXTURE	Smooth landforms, coarse geology.	Coarse trees and shrubs, and smooth grasses.	Moderately coarse towers. Smooth access roads.

---

**SECTION C. PROPOSED ACTIVITY DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		ROW clearing of spruce, fir and aspen creates planar forms	Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Horizontal edges of ROW clearing.	Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Green and tan grasses replace trees.	Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE		Smooth grasses.	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 01/04/13
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.

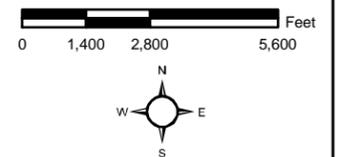
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



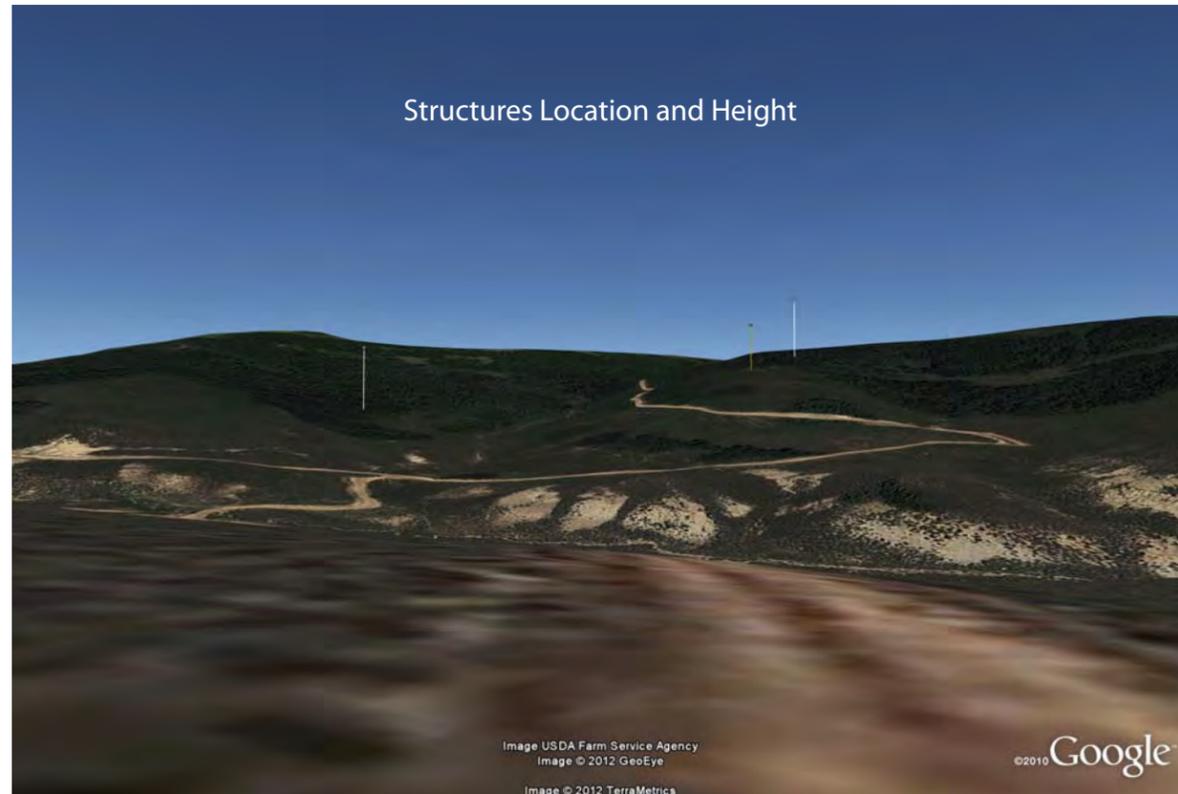
KOP Location



**TRANSWEST EXPRESS  
 TRANSMISSION PROJECT**

KOP SL-2  
 White River  
 Recreation Road  
 (Segment 1324.2)





Form 8400-4 (September 1985)

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

**VISUAL CONTRAST RATING WORKSHEET**

Date 07/23/2011

District Salt Lake FO

Resource Area

Activity (program)

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**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>White River - Recreation Rd.</u> Township <u>5S</u> Range <u>11W</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 ridges. Extensive inclined planar side slopes.	Pyramidal shapes of spruce and fir trees and organic shapes of aspen, shrub and grass patterns.	Strongly planar steel lattice towers and conductors.
LINE	Curvilinear mountain skyline and angular side slopes.	Curvilinear tree edges and edges of grass patterns.	Vertical and horizontal lattice towers and horizontal conductors. Angular access roads.
COLOR	Light to medium brown rock and soil.	Dark olive green and light grey/tan (dead) trees. Light to medium green grasses.	Dark grey tower and light brown access road.
TEXTURE	Smooth landforms, coarse geology.	Coarse trees and shrubs, and smooth grasses.	Moderately coarse towers. Smooth access roads.

---

**SECTION C. PROPOSED ACTIVITY DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		ROW clearing of spruce, fir and aspen creates planar forms	Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Horizontal edges of ROW clearing.	Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Green and tan grasses replace trees.	Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE		Smooth grasses.	Coarse steel lattice structures, and smooth guys and conductors.

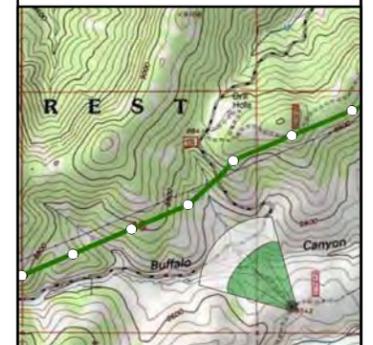
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**SECTION D. CONTRAST RATING**     SHORT TERM     LONG TERM

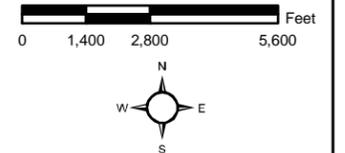
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <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 01/04/13	
Line					x				x					
Color					x					x				
Texture						x					x			



Project Location



KOP Location



**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP SL-2  
White River  
Recreation Road  
(Segment 1324.4)

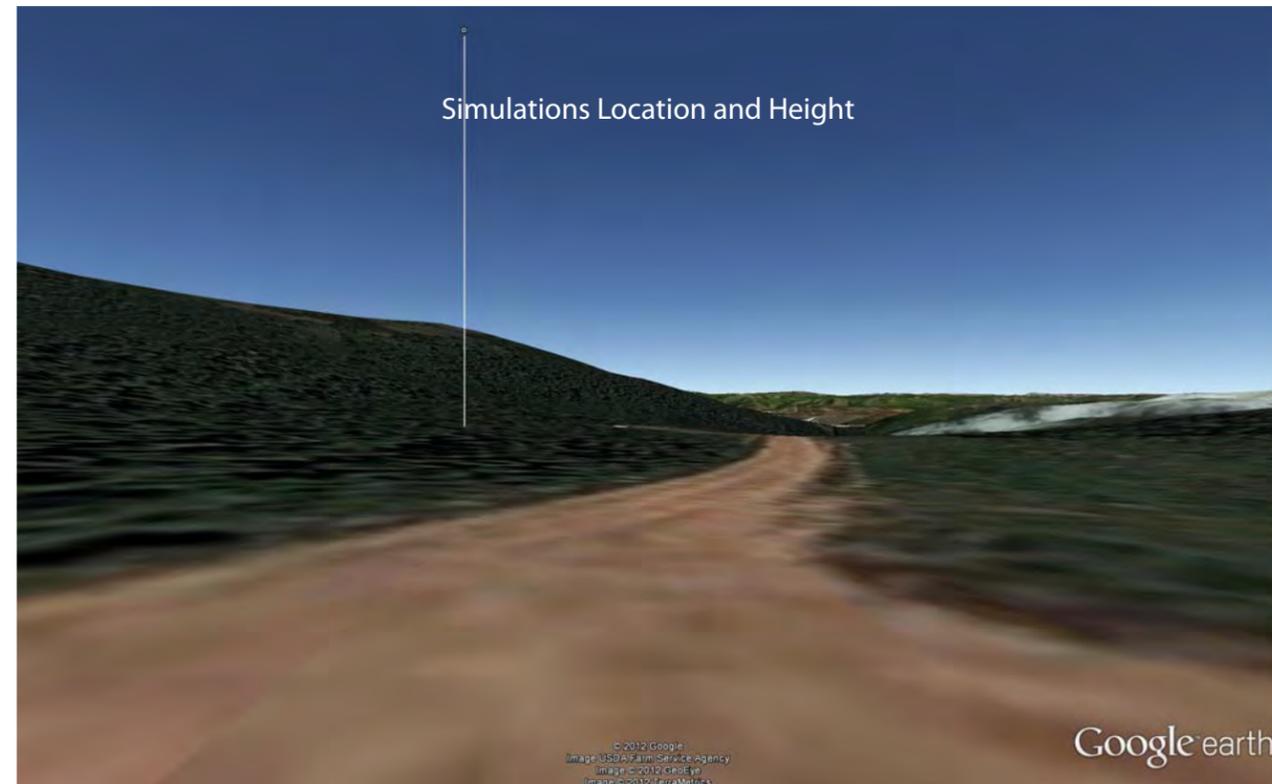


Rationale:  
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would be consistent with Moderate SIO or Partial Retention VQO management objectives. Mitigation measures (VR-1, VR-3, VR-5, VR-7, VR-9, VR-10, and VR-12) would further reduce contrasts.

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



KOP Photograph



Simulations Location and Height

Form 8400-4 (September 1985)

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

**VISUAL CONTRAST RATING WORKSHEET**

Date 07/23/2011

District Salt Lake FO

Resource Area

Activity (program)

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**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>White River - Strawberry Rd. Backway</u> Township <u>5S</u> Range <u>11W</u> Section <u>18</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 ridges. Gently sloping mt. park.	Pyramidal shapes of spruce and fir trees and organic shapes of aspen, shrub and grass patterns.	Planar roadway.
LINE	Curvilinear and angular mountain skyline.	Curvilinear tree edges and edges of grass patterns.	Meandering roadway edges.
COLOR	Light to medium grey and brown rock and soil.	Dark olive green trees. Medium to dark green grasses.	Light brown roadway.
TEXTURE	Smooth landforms, coarse geology.	Coarse trees and shrubs, and smooth grasses.	Smooth access roadway.

---

**SECTION C. PROPOSED ACTIVITY DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Planar ROW clearing of aspen, spruce, and fir.	Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Linear ROW clearing of aspen, spruce, and fir.	Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Muted greens and tans of exposed background.	Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE		Smooth exposed background.	Coarse steel lattice structures, and smooth guys and conductors.

---

**SECTION D. CONTRAST RATING**     SHORT TERM     LONG TERM

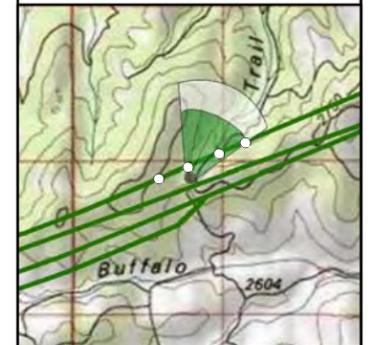
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <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: 07/23/2011	
Line					X				X					
Color					X				X					
Texture					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

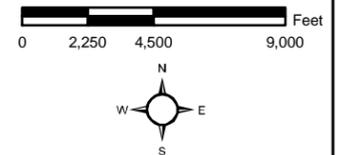
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



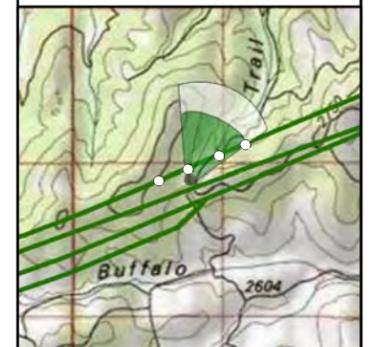
**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP SL-3  
White River  
Strawberry Road Bckwy  
(Segment 1324)

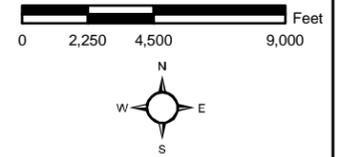




Project Location



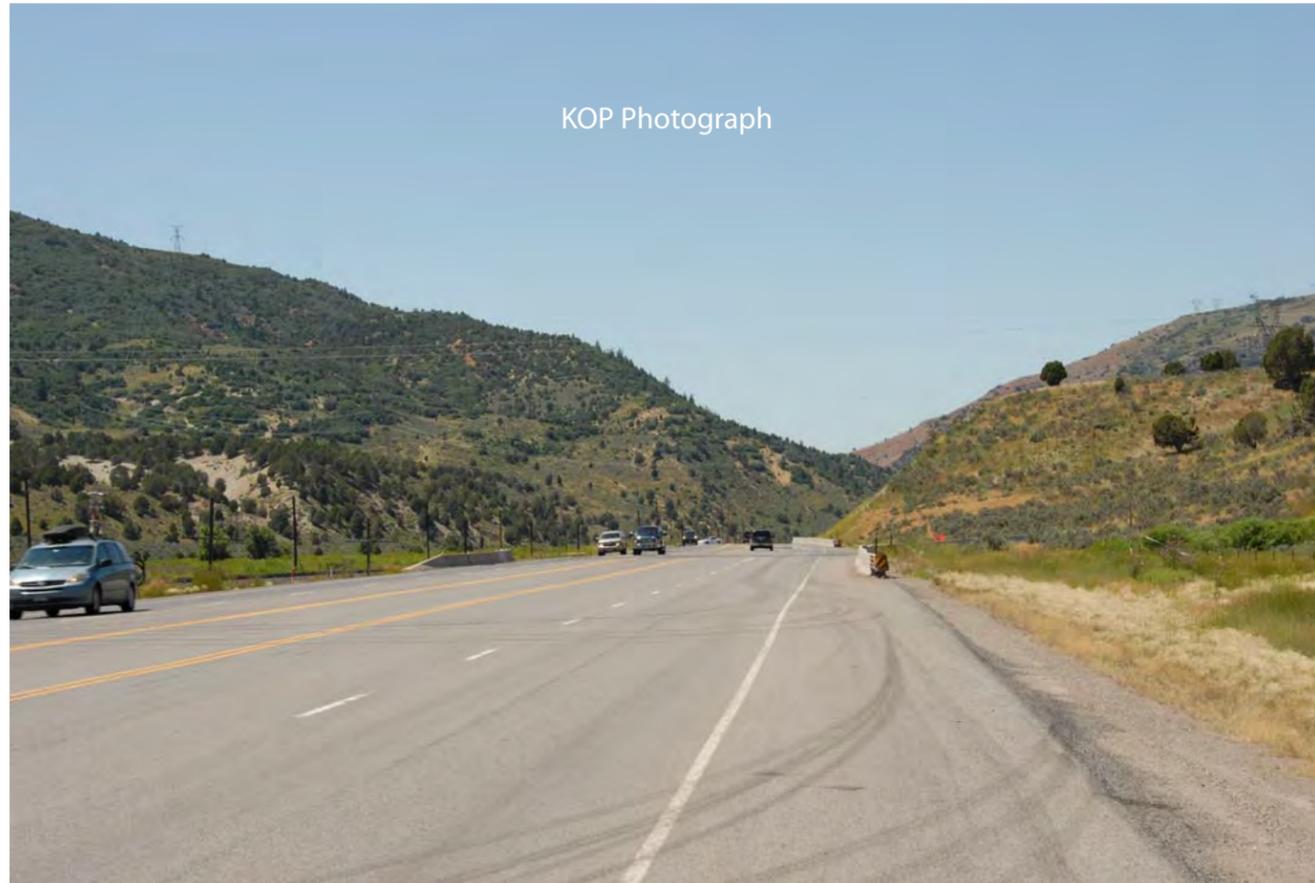
KOP Location



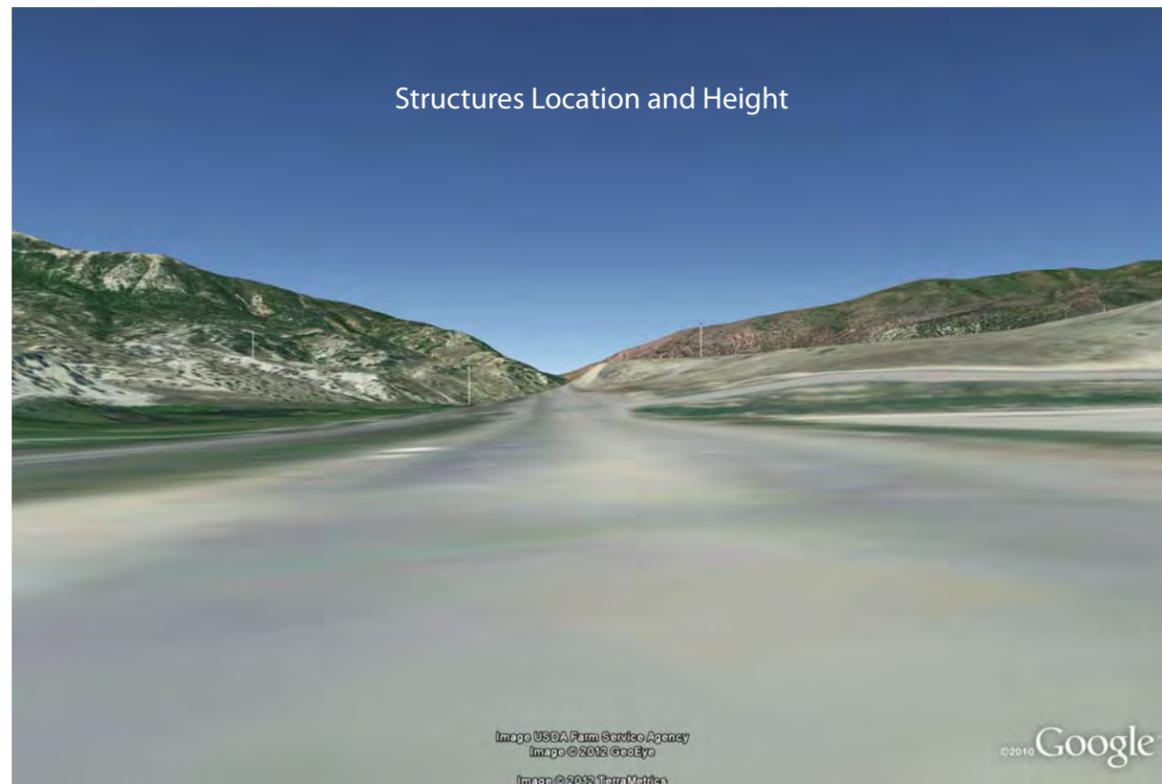
**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP SL-3  
(Segment 1324)  
Simulated Condition





KOP Photograph



Structures Location and Height

Image USDA Farm Service Agency  
Image © 2012 GeoEye  
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 07/23/2011

District Uinta National Forest

Resource Area

Activity (program)

---

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>US-6</u> Township <u>10S</u> Range <u>5E</u> Section <u>2</u>	5. Location Sketch  Please see Figure 3.12-2
2. Key Observation Point SL-5		
3. VRM Class USFS VQO Partial Retention		

---

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar horizontal mountain ridges. Inclined planar side slopes. Planar valley floor.	Organic clumps of trees, shrubs and grasses. Continuous surface of pinyon-juniper in the background.	Planar steel lattice towers and strong foreground roadway and railroad. Cylindrical wood poles.
LINE	Angular mountain skyline and side slopes.	Curvilinear tree and shrub edges and edges of grass patterns.	Strongly horizontal foreground roadway. Vertical and horizontal lattice towers and conductors.
COLOR	Light to medium light to medium brown rock and soil.	Dark olive green trees. Light silver grey green sage brush. Golden tan to green grasses.	Light grey tower. Light to medium paved foreground roadway. Dark brown railroad and wooden poles.
TEXTURE	Smooth landforms, coarse geology.	Coarse trees and shrubs, and smooth grasses.	Coarse towers. Smooth to medium foreground roadway and smooth pole structures.

---

**SECTION C. PROPOSED ACTIVITY DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Planar ROW clearing in pinyon-juniper.	Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Linear edges of ROW clearing in pinyon-juniper.	Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Light green to tan of grasses and forbs in ROW clearing in pinyon-juniper.	Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE		Smooth ROW clearing in pinyon-juniper.	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 01/04/13	
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.

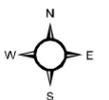
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



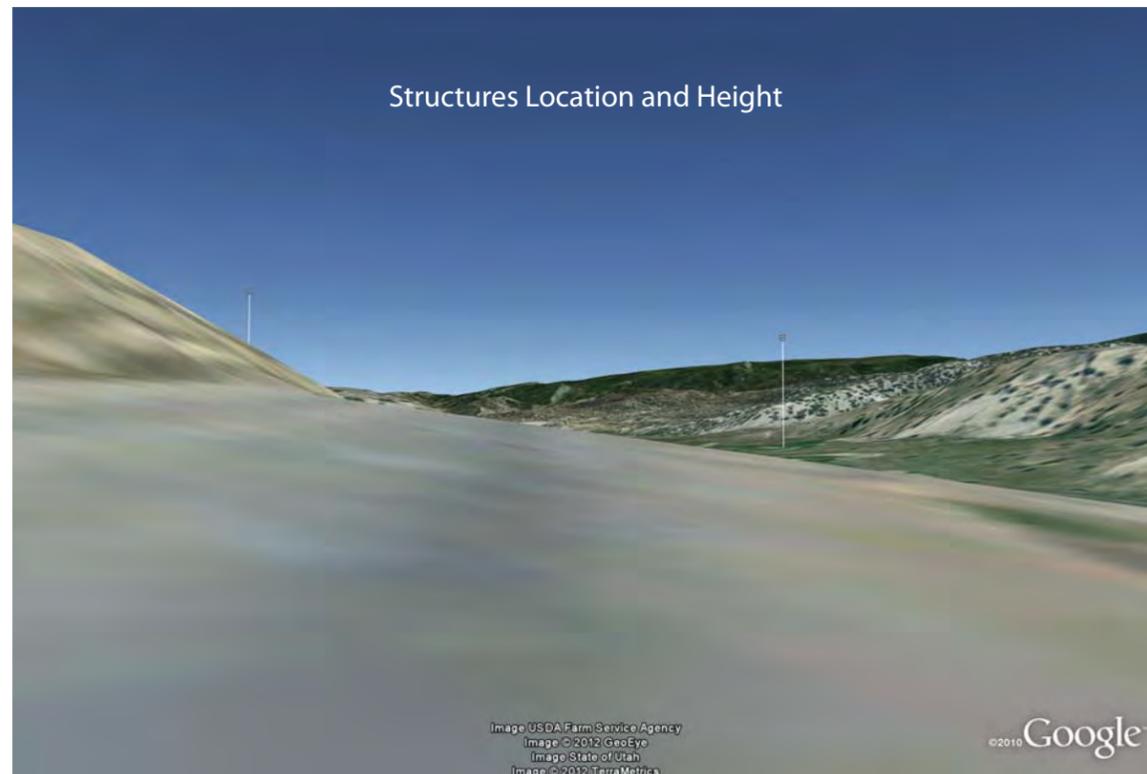
KOP Location



**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP SL-5  
U.S. 6  
(Segment 1217.052)





Form 8400-4 (September 1985)

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

Date 07/23/2011  
District Salt Lake FO  
Resource Area  
Activity (program)

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location_US-6 (EB) Township_9S Range_5E Section_34	5. Location Sketch Please see Figure 3.12-2
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**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

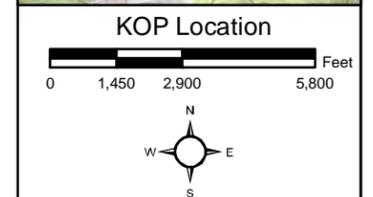
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar mountain ridges. Inclined planar side slopes. Planar valley floor.	Organic clumps of pinyon-juniper, shrubs and grasses. Continuous surface of pinyon-juniper in the background.	Strong foreground roadway.
LINE	Angular mountain skyline and side slopes.	Curvilinear tree and shrub edges and edges of grass patterns.	Strongly horizontal foreground roadway. Horizontal conductors.
COLOR	Light to medium light to medium brown rock and soil.	Dark olive green trees. Light silver gray green sage brush. Golden tan to green grasses.	Light to medium paved foreground roadway.
TEXTURE	Smooth landforms, coarse geology.	Coarse trees and shrubs, and smooth grasses.	Smooth to medium foreground 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 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	

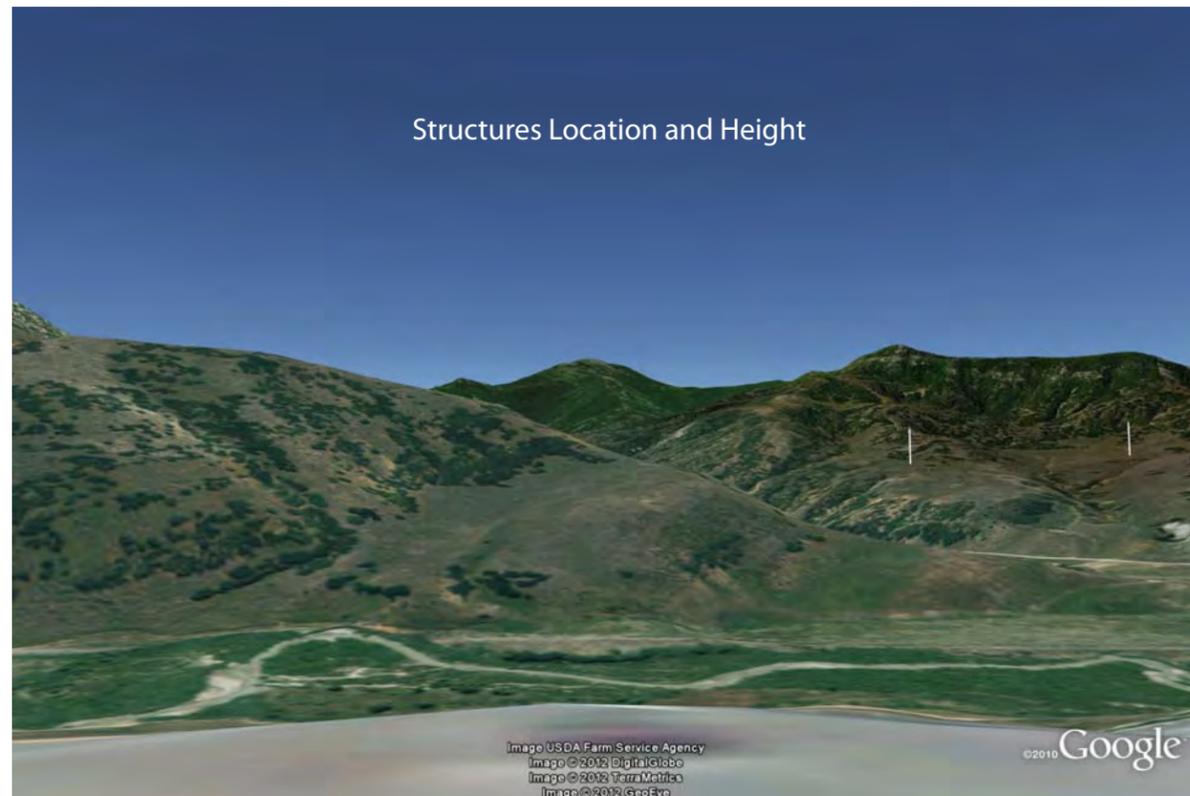


Rationale:  
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.

**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP SL-6  
U.S. 6  
(eastbound)  
(Segment 1325)





Form 8400-4 (September 1985)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/23/2011

District Salt Lake FO

Resource Area

Activity (program)

**SECTION A. PROJECT INFORMATION**

1. Project Name: TransWest Express

2. Key Observation Point: SL-7

3. VRM Class: Private

4. Location: US-6/US-89 Township 9S Range 4E Section 27

5. Location Sketch: Please see Figure 3.12-2

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Rounded mountain ridges. Inclined planar side slopes. Planar valley floor.	Organic clumps of shrubs and grasses.	Strongly planar steel lattice towers and conductors.
LINE	Curvilinear mountain skyline, angular side slopes and horizontal valley floor.	Curvilinear shrub edges and edges of grass patterns.	Vertical and horizontal lattice towers and arced conductors. Angular access roads.
COLOR	Light to medium light to medium brown rock and soil.	Light to medium green shrubs. Golden tan to green grasses.	Medium grey tower and light brown access roads.
TEXTURE	Smooth landforms, coarse geology.	Coarse shrubs, and smooth grasses.	Coarse towers. Smooth access roads.

**SECTION C. PROPOSED ACTIVITY DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Planar ROW clearing in mt. shrubs.	Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Linear edges of ROW clearing in mt. shrubs.	Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Light green to tan grasses and forbs in ROW clearing in mt. shrubs.	Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE		Smooth ROW clearing in mt. shrubs.	Coarse steel lattice structures, and smooth guys and conductors.

**SECTION D. CONTRAST RATING**  SHORT TERM  LONG TERM

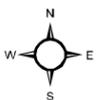
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input 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				Evaluator's Names: M. Paulson Date: 07/22/2011	
Line					X				X					
Color					X				X					
Texture					X						X			



Project Location



KOP Location



**TRANSWEST EXPRESS TRANSMISSION PROJECT**

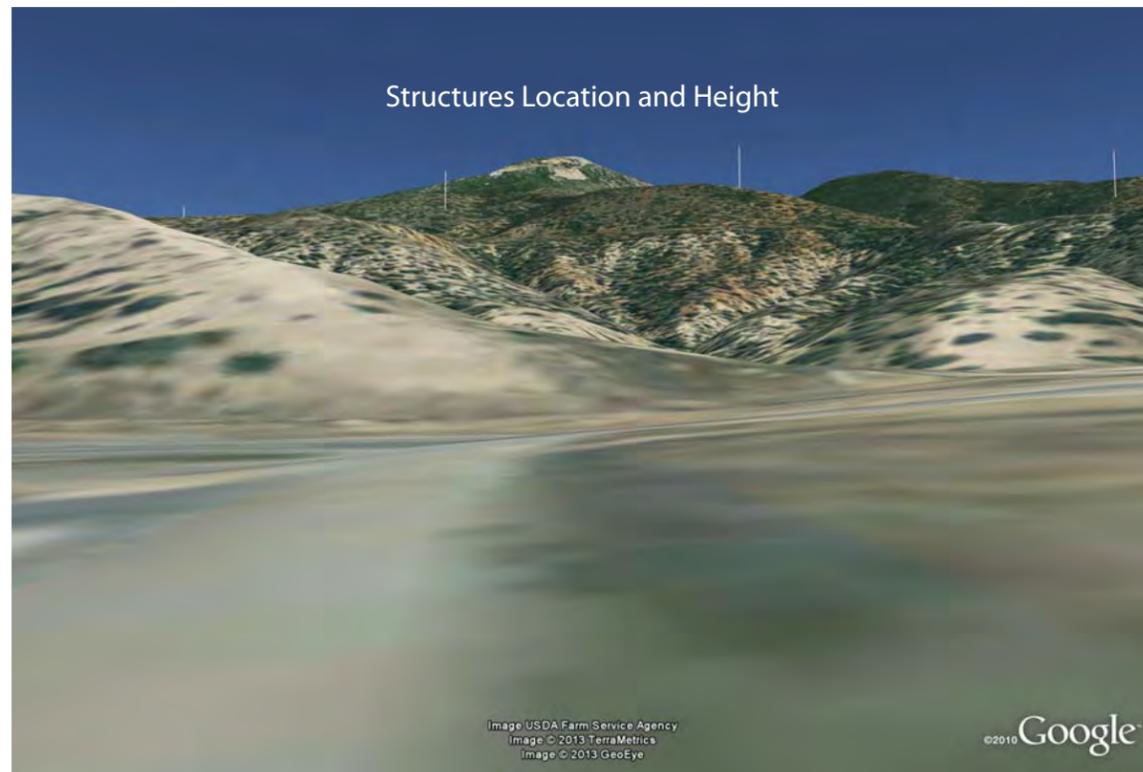
KOP SL-7  
US-6 / US-89  
(Segment 1320.15)



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

Image USDA Farm Service Agency  
Image © 2013 TerraMetrics  
Image © 2013 GeoEye

©2010 Google

Form 8400-4 (September 1985)

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

**VISUAL CONTRAST RATING WORKSHEET**

Date 07/23/2011

District Salt Lake FO

Resource Area

Activity (program)

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**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location US 89 - Church Township 10S Range 3E Section 25	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	Rounded mountain ridges. Inclined planar side slopes. Layered rock formation. Planar valley floor.	Organic clumps of pinyon-juniper, shrubs and grasses.	Strongly planar steel lattice towers and conductors. Cylindrical wood poles.
LINE	Curvilinear mountain skyline, angular side slopes, and banded rock formation.	Curvilinear pinyon-juniper, shrub edges and edges of grass patterns.	Vertical and horizontal lattice towers and arced conductors. Vertical wood poles.
COLOR	Light to medium light to medium brown rock and soil.	Light to medium to dark olive green trees and shrubs. Golden tan to green grasses.	Medium grey tower, light grey conductors, and light brown poles.
TEXTURE	Smooth landforms, coarse geology.	Coarse trees, shrubs, and smooth grasses.	Coarse towers. Smooth access roads.

---

**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.

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**SECTION D. CONTRAST RATING**  SHORT TERM  LONG TERM

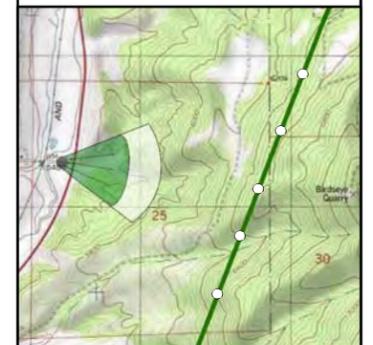
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <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 01/4/13
Line										X				
Color											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-3, 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.

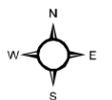


Project Location



KOP Location

0 1,450 2,900 5,800 Feet



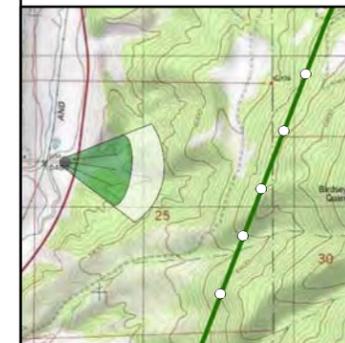
**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP SL-8  
U.S. 89  
Church  
(Segment 1320.15)



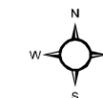


Project Location



KOP Location

0 1,450 2,900 5,800 Feet



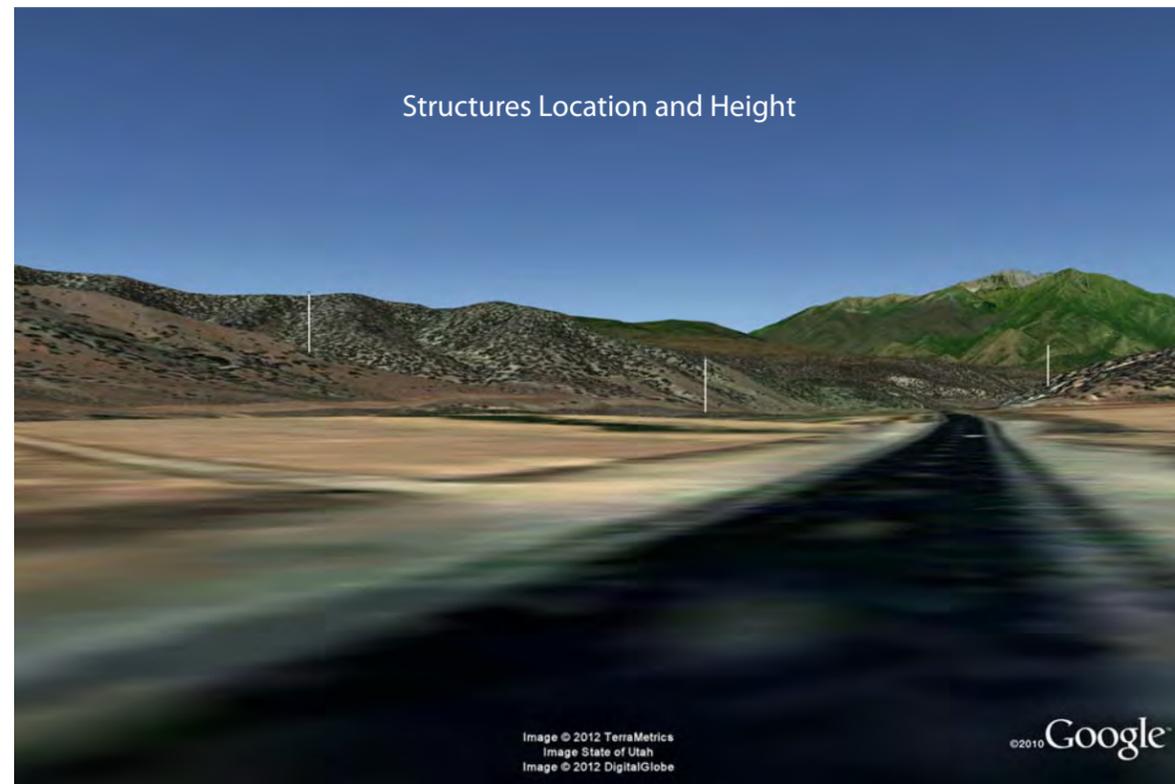
**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP SL-8  
Simulated Condition  
(Segment 1320.15)





KOP Photograph



Structures Location and Height

Image © 2012 TerraMetrics  
Image State of Utah  
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 07/23/2011

District Salt Lake FO

Resource Area \_\_\_\_\_

Activity (program) \_\_\_\_\_

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**SECTION A. PROJECT INFORMATION**

1. Project Name <b>TransWest Express</b>	4. Location <u>US-89</u> Township <u>11S</u> Range <u>3E</u> Section <u>13</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 mountain ridges. Inclined planar side slopes. Planar valley floor.	Organic clumps of trees, shrubs and grasses. Continuous surface of pinyon-juniper in the background.	Planar steel lattice towers and strong foreground roadway.
LINE	Angular mountain skyline and side slopes.	Curvilinear tree and shrub edges and edges of grass patterns.	Strongly horizontal foreground roadway. Vertical and horizontal lattice towers and conductors.
COLOR	Light to medium light to medium brown rock and soil.	Dark olive green trees. Light silver grey green sage brush. Golden tan to green grasses.	Light grey tower. Light to medium paved foreground roadway. Dark brown railroad and wooden poles.
TEXTURE	Smooth landforms, coarse geology.	Coarse trees and shrubs, and smooth grasses.	Coarse towers. Smooth to medium foreground roadway.

---

**SECTION C. PROPOSED ACTIVITY DESCRIPTION**

1. LAND/WATER		2. VEGETATION	3. STRUCTURES
FORM		Planar ROW clearing in pinyon-juniper.	Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Linear edges of ROW clearing in pinyon-juniper.	Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Light green to tan grasses and forbs in ROW clearing in pinyon-juniper.	Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE		Smooth ROW clearing in pinyon-juniper.	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			Evaluator's Names M. Paulson	Date 07/22/2011
Line						X				X				
Color						X				X				
Texture						X				X				

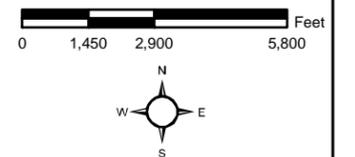
Rationale:  
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



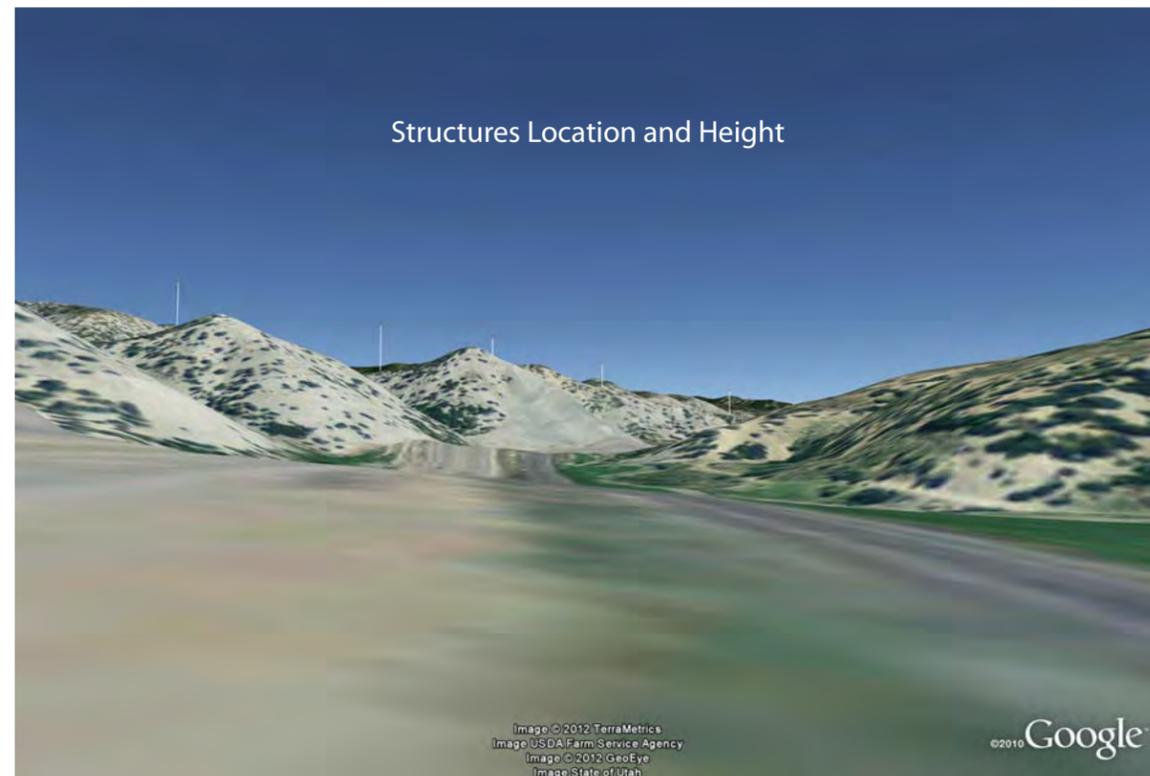
KOP Location



**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP SL-9  
U.S. 89  
(Segment 1320.15)





Form 8400-4 (September 1985)

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

Date 10/3/11  
District Uinta National Forest  
Resource Area  
Activity (program)

**SECTION A. PROJECT INFORMATION**

1. Project Name: TransWest Express  
2. Key Observation Point: SL-10  
3. VRM Class: Private  
4. Location: US-6 (West of Soldier Summit), Township 10S, Range 6E, Section 16  
5. Location Sketch: Please see Figure 3.12-2

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

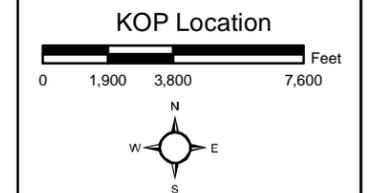
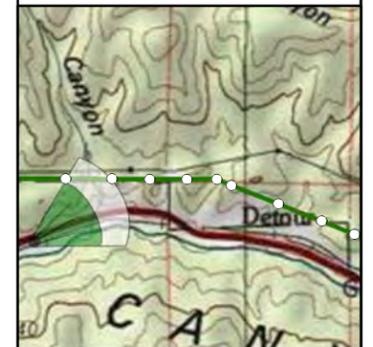
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	V-shaped, bold, rugged	Stippled areas on slopes, amorphous patches	Moderately tall, vertical, geometric patches
LINE	Diagonal, hard	Diffuse edges, irregular	Complex, vertical
COLOR	Greys, reds	Dark greens, tans	Greys, browns
TEXTURE	Medium to coarse grain, smooth surface texture	Medium to coarse grain, uneven/random	Medium grain, sparse density

**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 Date: 10/3/11 (Review and update as needed by M. Paulson) 7/24/12
Line				x				x	x					
Color				x				x		x				
Texture				x				x		x				



**TRANSWEST EXPRESS TRANSMISSION PROJECT**

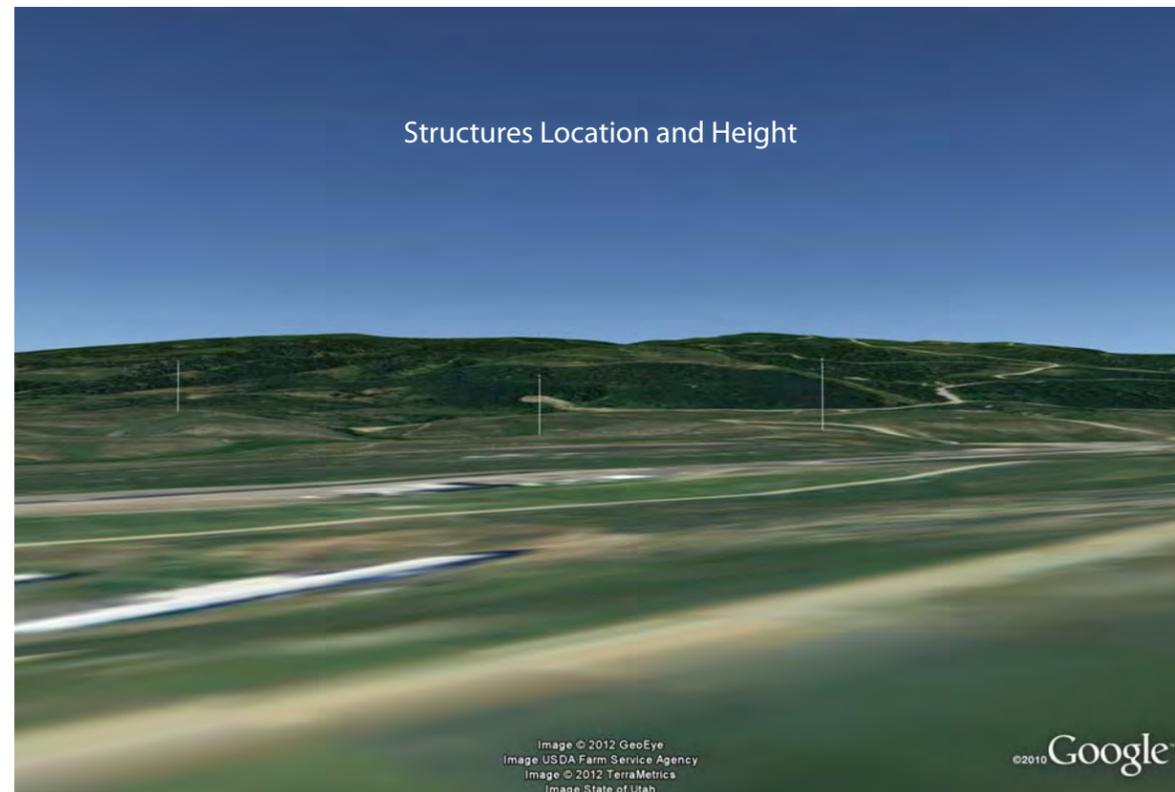
KOP SL-10  
U.S. Highway 6  
(west of Soldier Summit)  
(Segment 1217.052)



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 07/24/2011

District Salt Lake FO

Resource Area

Activity (program)

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**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>US-6 Soldier Summit, Residential</u>	5. Location Sketch Please see Figure 3.12-2
2. Key Observation Point SL-11	Township <u>10S</u>	
3. VRM Class Private	Range <u>7E</u>	
	Section <u>24</u>	

---

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Rolling, domed, smooth.	Diverse, numerous amorphous patches.	Vertical, geometric.
LINE	Smooth, angular, simple	Butt and diffuse edges.	Vertical, diagonal, weak concave/horizontal.
COLOR	Tans	Dark greens, sage greens, tans, seasonal variety.	Grays, browns.
TEXTURE	Medium grain	Medium to coarse grain.	Ordered, medium grain, dense.

---

**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.

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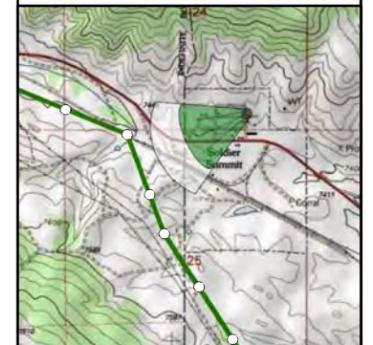
**SECTION D. CONTRAST RATING**     SHORT TERM     LONG TERM

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 EPG <i>(Review and update as needed by M. Paulson)</i>	Date 10/03/11  07/24/12
Line											X			
Color												X		
Texture												X		

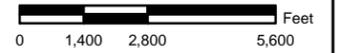
Rationale:  
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



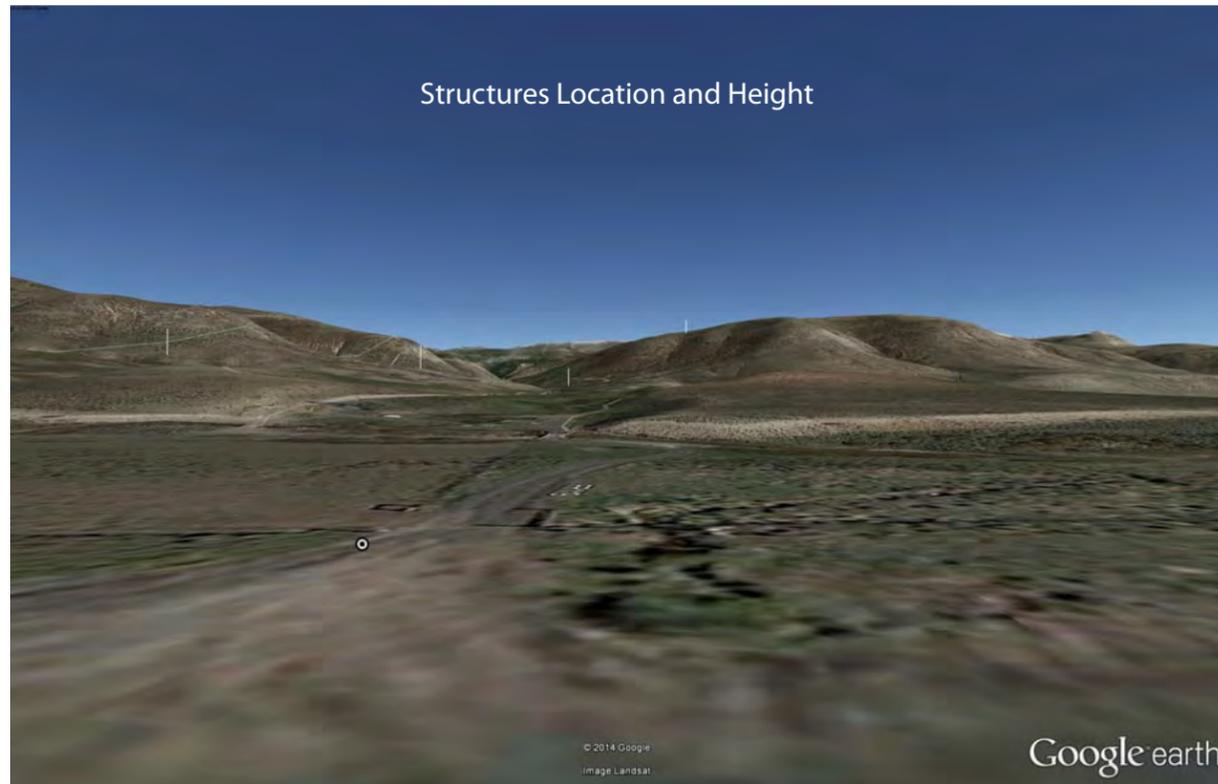
**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP SL-11  
Utah State Hwy 10  
(northbound)  
(Segment 1217.052)





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 Salt Lake FO

Resource Area

Activity (program)

---

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>US-6 (NB)</u> Township <u>18S</u> Range <u>8E</u> Section <u>5</u>	5. Location Sketch  Please see Figure 3.12-2
2. Key Observation Point SL-12		
3. VRM Class Private		

---

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar valley floor.	Organic clumps of ranch trees, shrubs and grasses.	
LINE	Horizontal skyline. Strong ridgelines.	Curvilinear tree and shrub edges and edges of grass patterns.	
COLOR	Light to medium light to medium grey-brown soil.	Dark olive green trees. Golden tan to green grasses.	
TEXTURE	Smooth.	Coarse trees and shrubs, and smooth grasses.	

---

**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.

---

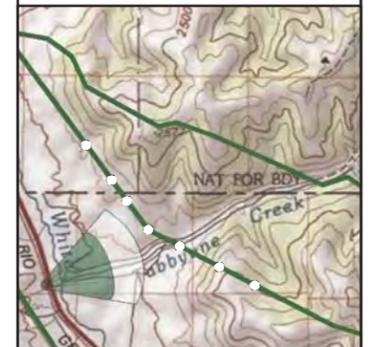
**SECTION D. CONTRAST RATING**     SHORT TERM     LONG TERM

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 10/12/2013
Line													X		
Color													X		
Texture													X		

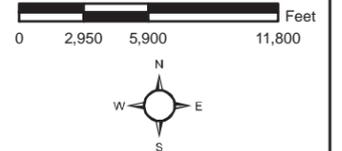
Rationale:  
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP SL-12  
US-6  
(northbound)  
(Segment 1219.5)





Project Location



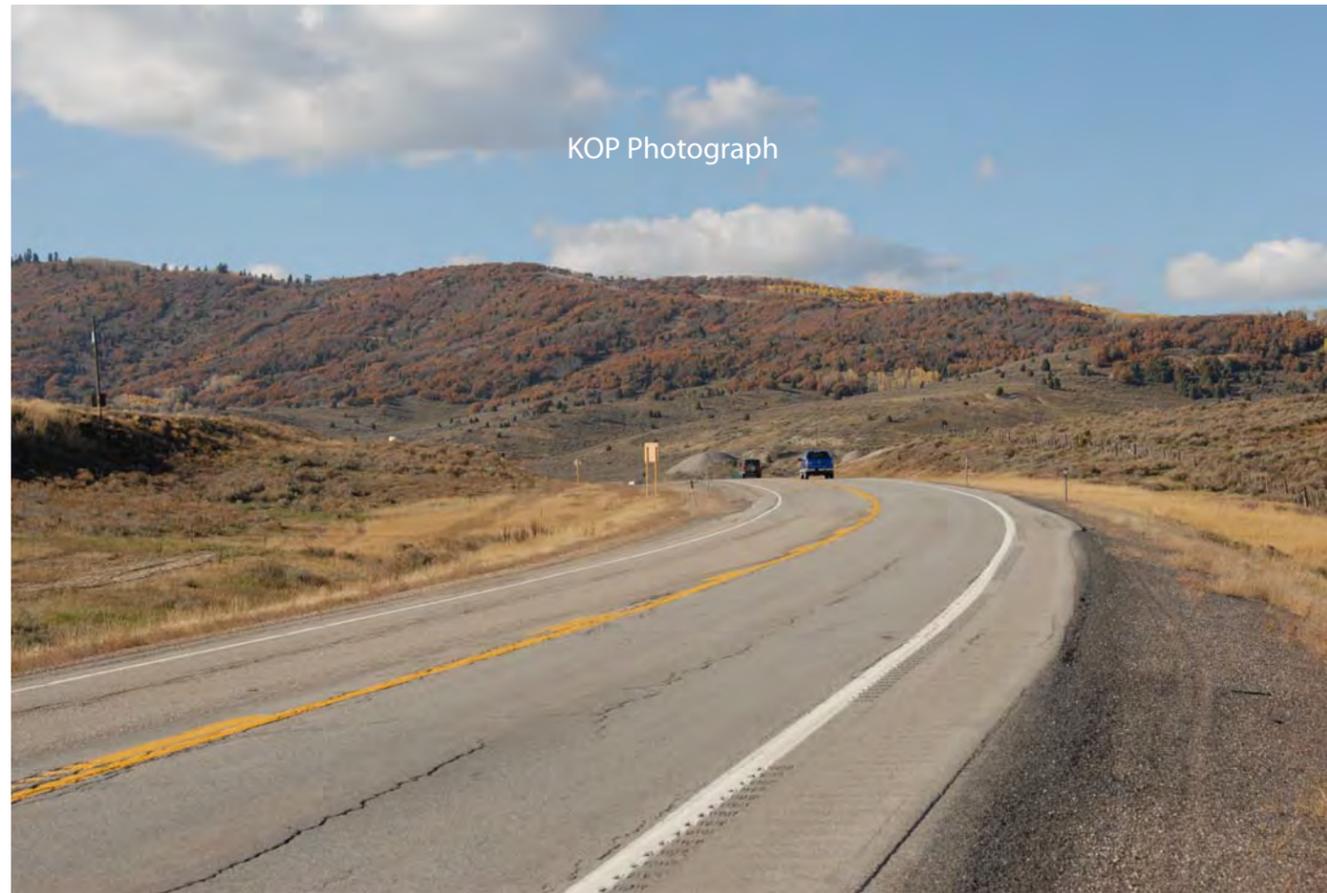
KOP Location



**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP SL-12  
Simulated Condition  
(Segment 1219.5)





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 Salt Lake FO  
 Resource Area  
 Activity (program)

---

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>US-6 (NB)</u> Township <u>10S</u> Range <u>8E</u> Section <u>30</u>	5. Location Sketch  Please see Figure 3.12-2
2. Key Observation Point SL-13		
3. VRM Class Private		

---

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar valley floor.	Organic clumps of ranch trees, shrubs and grasses.	
LINE	Horizontal skyline. Strong ridgelines.	Curvilinear tree and shrub edges and edges of grass patterns.	
COLOR	Light to medium light to medium grey-brown soil.	Dark olive green trees. Golden tan to green grasses.	
TEXTURE	Smooth.	Coarse trees and shrubs, and smooth grasses.	

---

**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 10/12/2013
Line													X	
Color													X	
Texture													X	

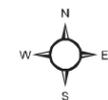
Rationale:  
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



**TRANSWEST EXPRESS TRANSMISSION PROJECT**

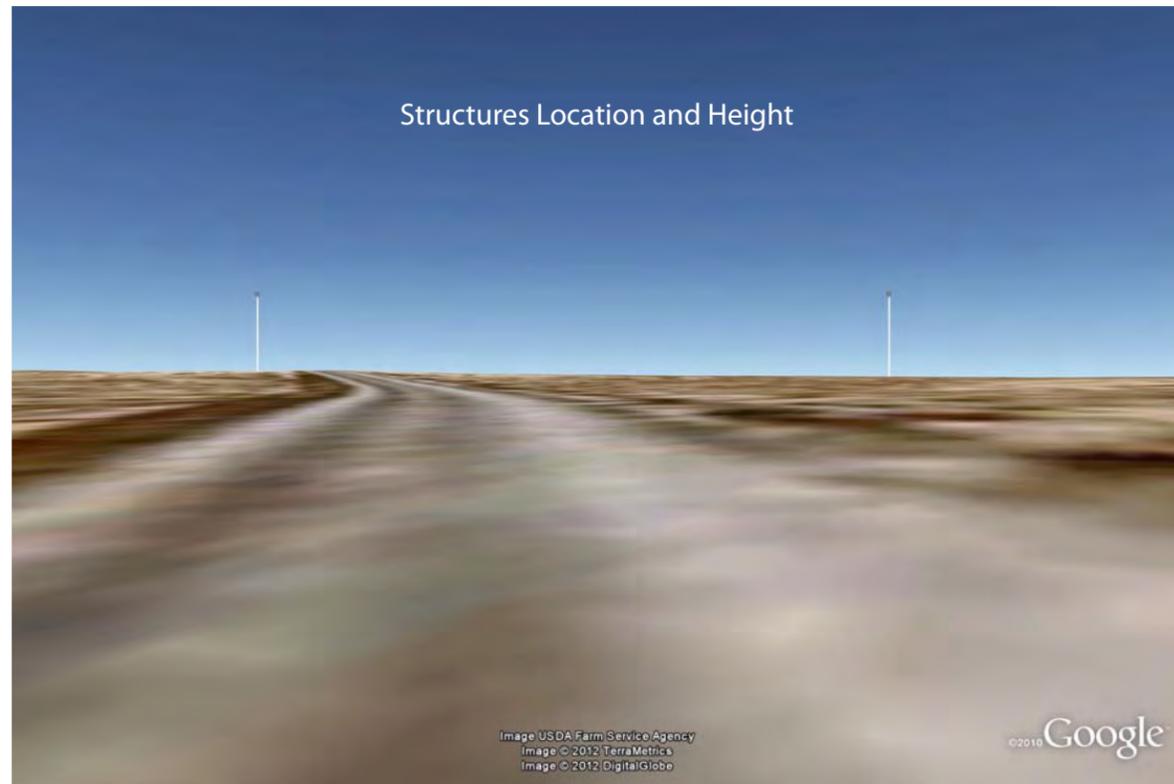
KOP SL-13  
US-6  
(northbound)  
(Segment 1219.3)







KOP Photograph



Structures Location and Height

Image: USDA 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 07/22/2011

District Vernal FO

Resource Area

Activity (program)

---

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location_Utah State Highway 45	5. Location Sketch Please see Figure 3.12-1
2. Key Observation Point V-18	Township_7S	
3. VRM Class III (VRI Class III)	Range_22E Section_11	

---

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar inclined and inclined side slopes.	Organic clumps of sagebrush and grasses.	Strongly planar foreground roadway and steel lattice tower, and cylindrical poles.
LINE	Horizontal skyline and horizontal valley floor.	Indistinct sagebrush and grasses.	Strongly horizontal curvilinear foreground roadway. Vertical steel lattice towers and power poles.
COLOR	Light to medium brown slopes.	Golden tan to brown grasses. Bluish silver green sagebrush.	Light to medium grey towers and paved foreground roadway. Dark brown poles and dark grey substation.
TEXTURE	Smooth landforms.	Coarse shrubs and grasses.	Course lattice tower. Smooth to medium foreground roadway and 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		
Elements													Evaluator's Names M. Paulson	Date 07/22/2011
Form											X			
Line											X			
Color												X		
Texture												X		

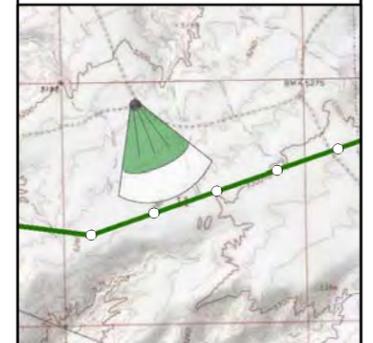
**Rationale:**

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.

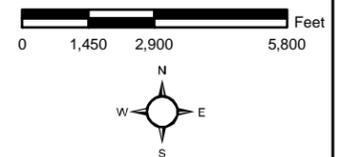
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



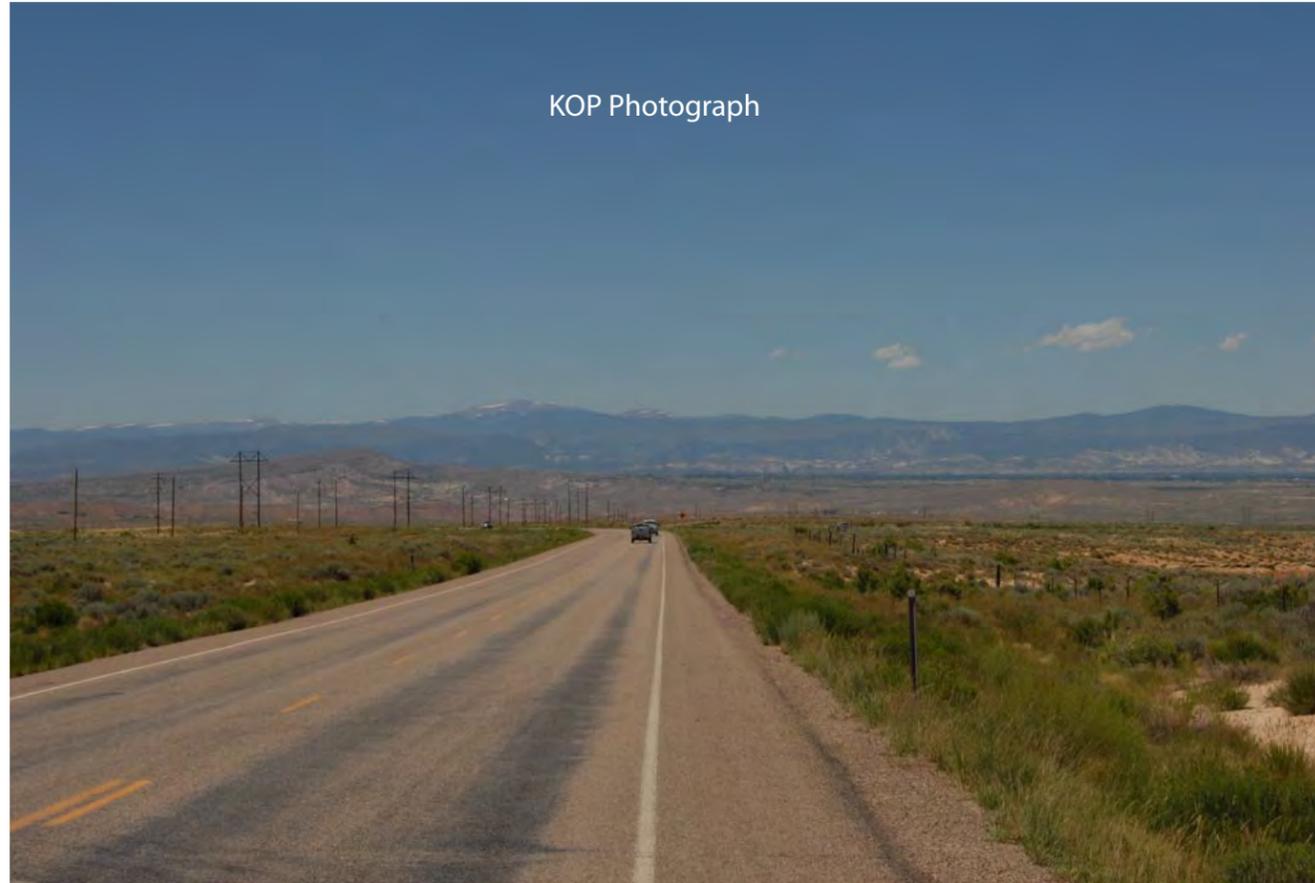
KOP Location



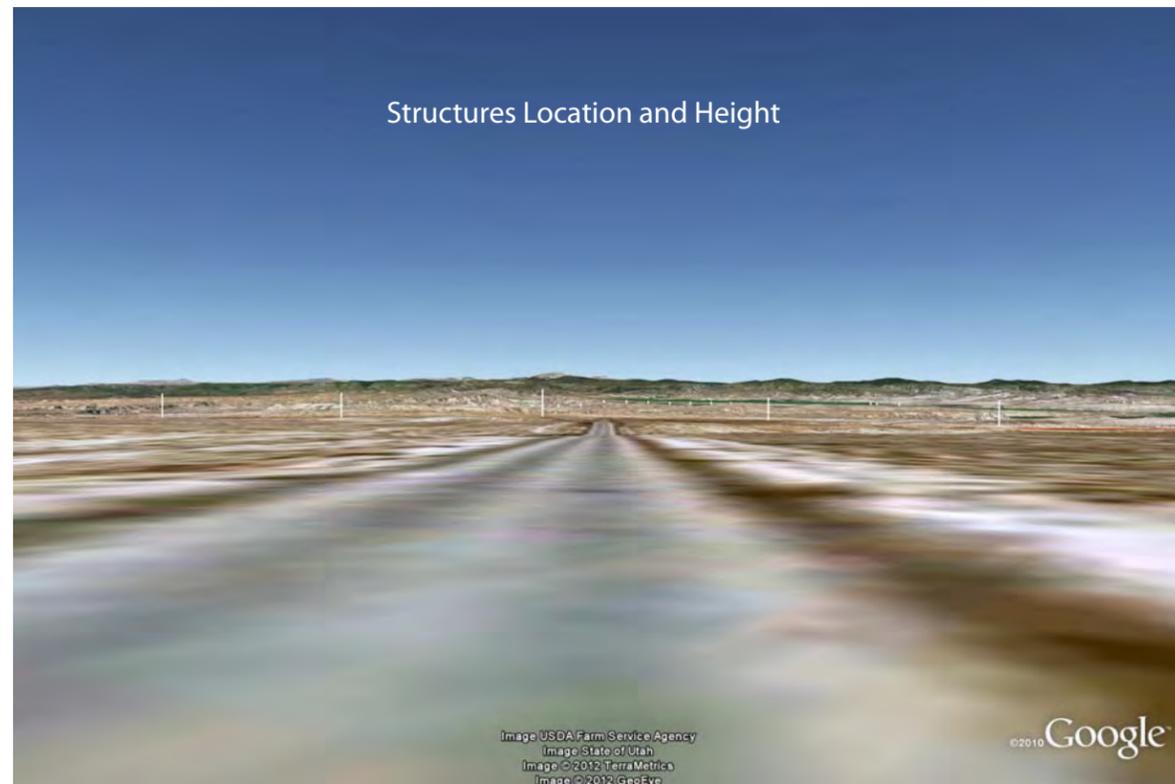
**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP V-18  
Utah State Hwy 45  
(Segment 1212)





KOP Photograph



Structures Location and Height

Image USDA Farm Service Agency  
Image State of Utah  
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 07/22/2011

District Vernal FO

Resource Area

Activity (program)

---

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>Utah State</u> <u>Highway 45</u> <u>Township 7S</u> <u>Range 22E</u> <u>Section 13</u>	5. Location Sketch  Please see Figure 3.12-1
2. Key Observation Point V-19		
3. VRM Class III (VRI Class III)		

---

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular mountain backdrop. Planar inclined and inclined side slopes.	Organic clumps of sagebrush and grasses.	Strongly planar foreground roadway and h-frame cylindrical poles.
LINE	Angular skyline and horizontal valley floor.	Indistinct sagebrush and grasses.	Strongly horizontal curvilinear foreground roadway. Vertical power poles.
COLOR	Light to medium brown slopes.	Golden tan to brown grasses. Bluish silver green sagebrush.	Dark brown poles and light to medium grey paved roadway.
TEXTURE	Smooth landforms.	Coarse shrubs and grasses.	Smooth to medium foreground roadway and 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																	
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)

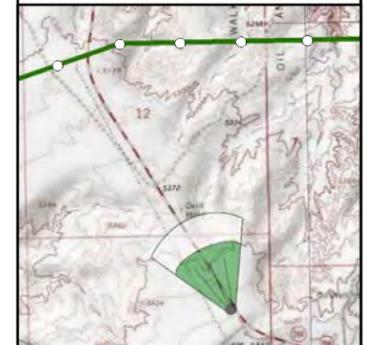
Evaluator's Names: M. Paulson      Date: 07/22/2011

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.

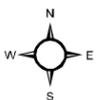


Project Location



KOP Location

0 1,450 2,900 5,800 Feet



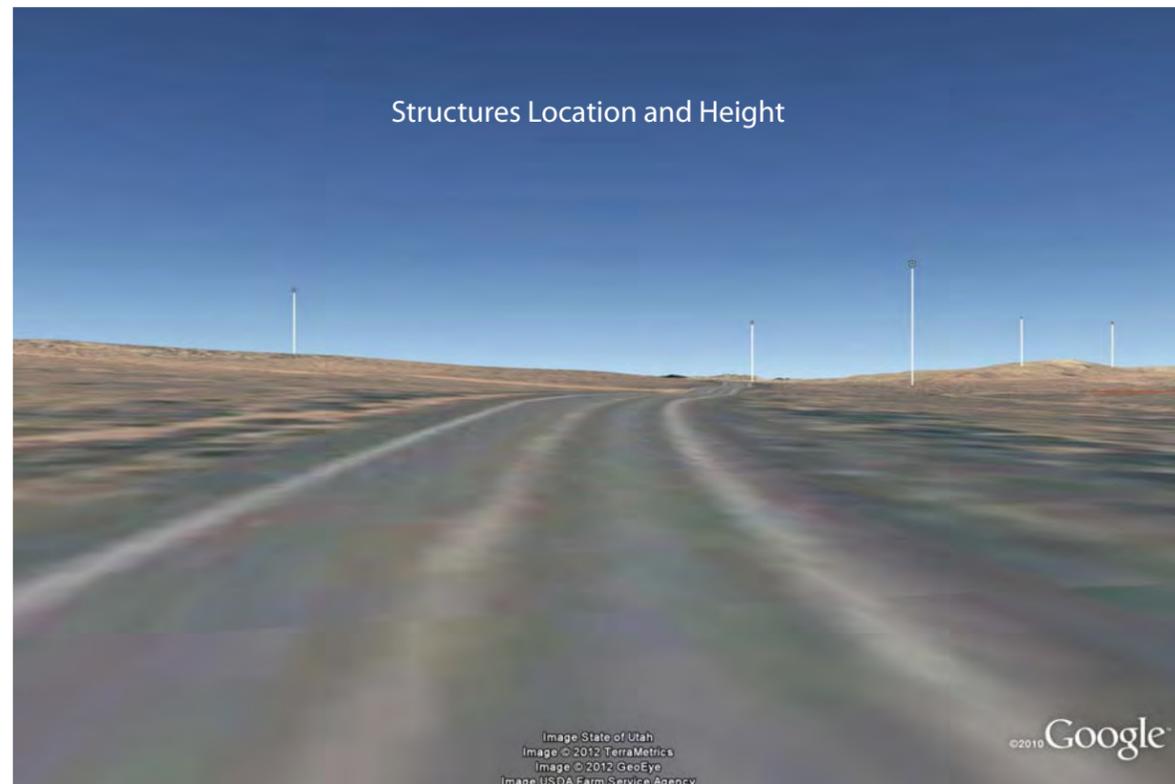
**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP V-19  
Utah State Hwy 45  
(Segment 1212)





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 Vernal FO

Resource Area

Activity (program)

---

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location_Utah State Highway 88 Township_6S Range_20E Section_29	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	Strong horizontal planar slopes. Moderately inclined side slopes.	Organic clumps of juniper, sagebrush and grasses.	Dbl. circuit steel lattice towers. Strongly planar foreground roadway. Massive PI tower.
LINE	Angular and curvilinear skyline and horizontal valley floor.	Indistinct juniper, sagebrush and grasses.	Vertical, horizontal, and angular tower and conductor elements. Horizontal curvilinear foreground roadway.
COLOR	Very light to medium brown slopes and erosion cuts.	Golden tan to brown grasses. Dark green juniper. Bluish silver green sagebrush.	Light to dark grey towers and conductors. Light to medium grey paved foreground roadway.
TEXTURE	Smooth landforms.	Coarse sagebrush. Smooth grasses.	Moderate to coarse towers. Smooth to medium foreground 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.

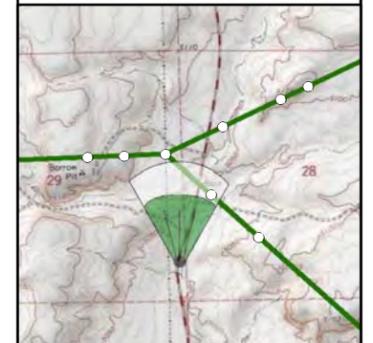
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**SECTION D. CONTRAST RATING**     SHORT TERM     LONG TERM

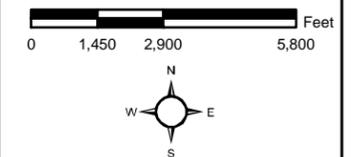
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <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



**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP V-20  
Utah State Hwy 88  
(Segment 1320.05)

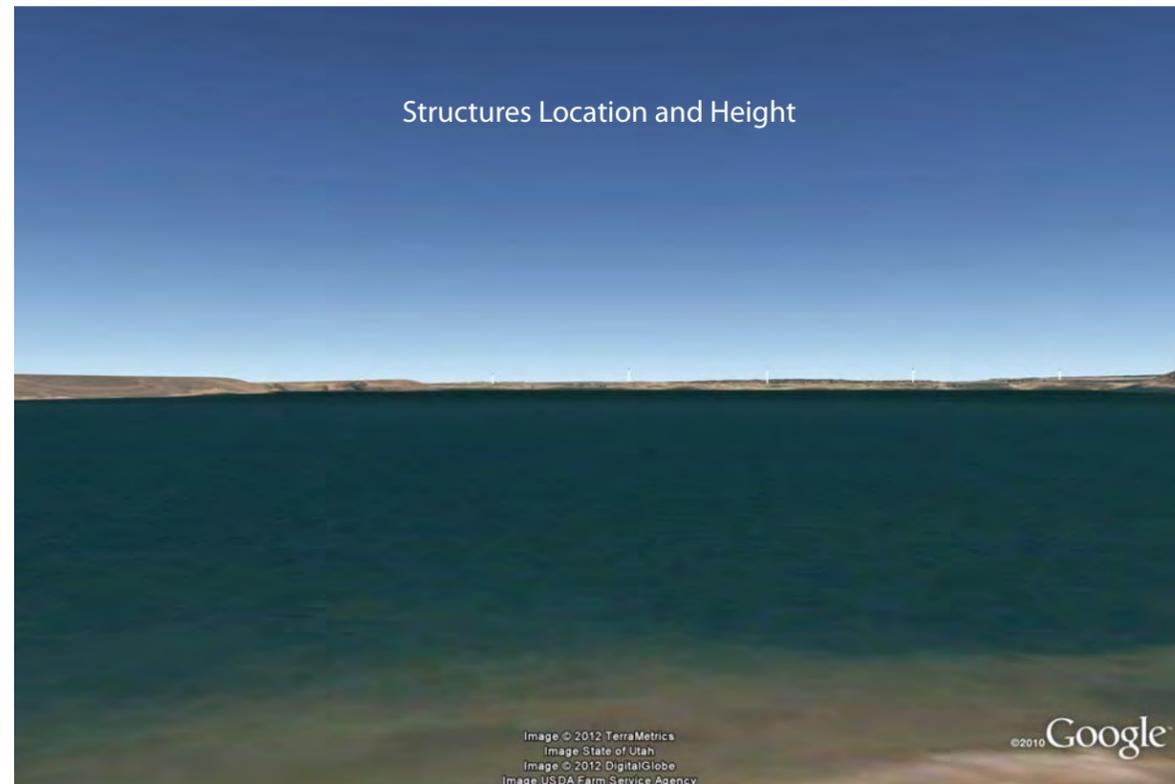


Rationale:  
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

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 TerraMetrics  
Image State of Utah  
Image © 2012 DigitalGlobe  
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 07/23/2011  
District Vernal FO  
Resource Area  
Activity (program)

---

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>Bottle Hollow</u> <u>Landing/Campground</u> <u>Township_2S</u> <u>Range_1E</u> <u>Section_21</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	Strong planar foreground water and planar distant slopes.	Organic foreground rushes.	Distant dbl. circuit steel lattice towers.
LINE	Strongly horizontal skyline and horizontal lake surface.	Angular edges of rushes.	Vertical tower elements.
COLOR	Strong blue water surface. Very light to medium brown slopes and erosion cuts.	Olive green and golden tan to brown rushes.	Light to dark grey towers.
TEXTURE	Smooth water and land shapes.	Moderately coarse rushes.	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 07/22/2011
Line													X					
Color													X					
Texture														X				

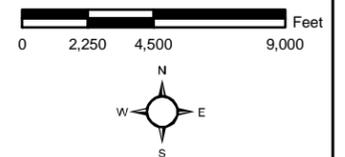
Rationale:  
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



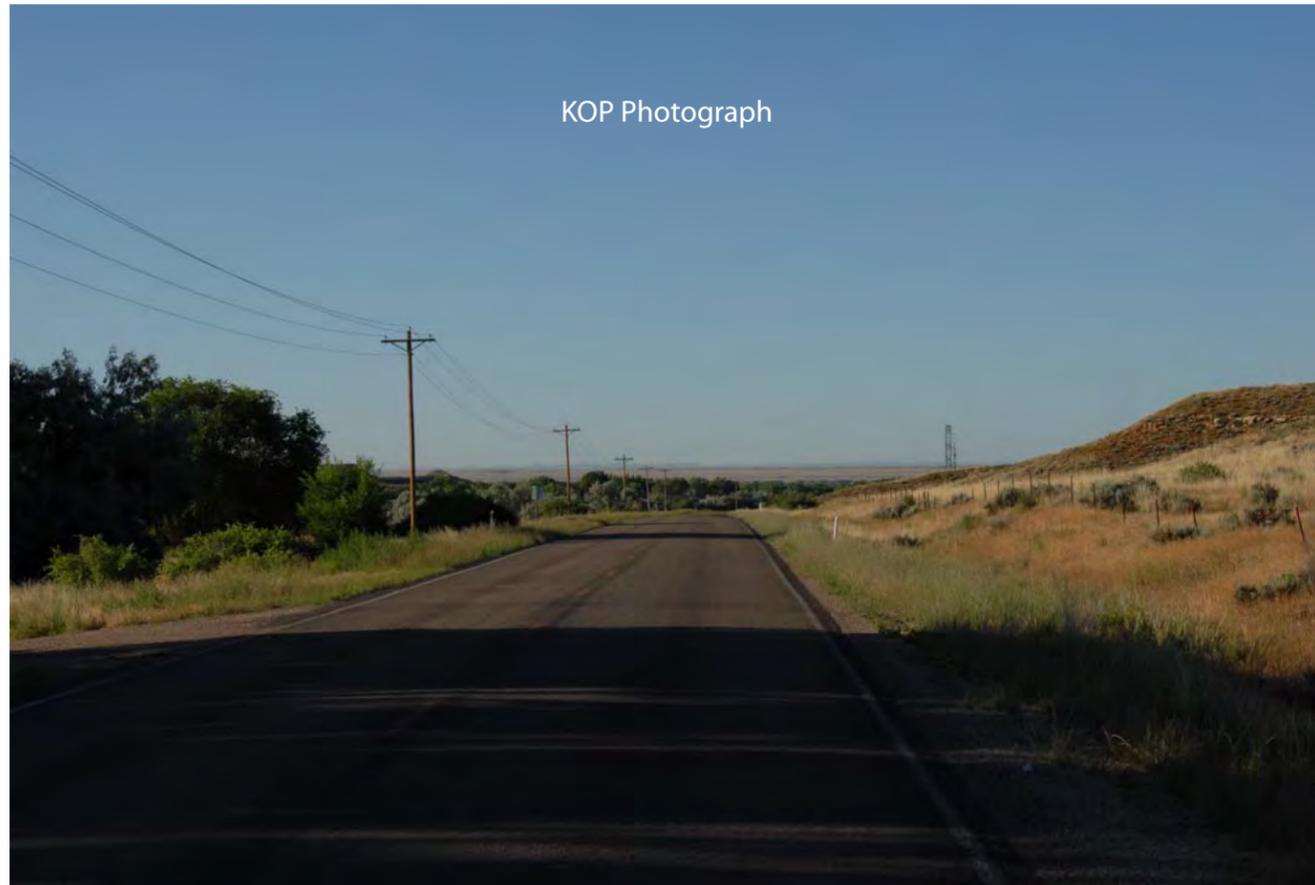
KOP Location



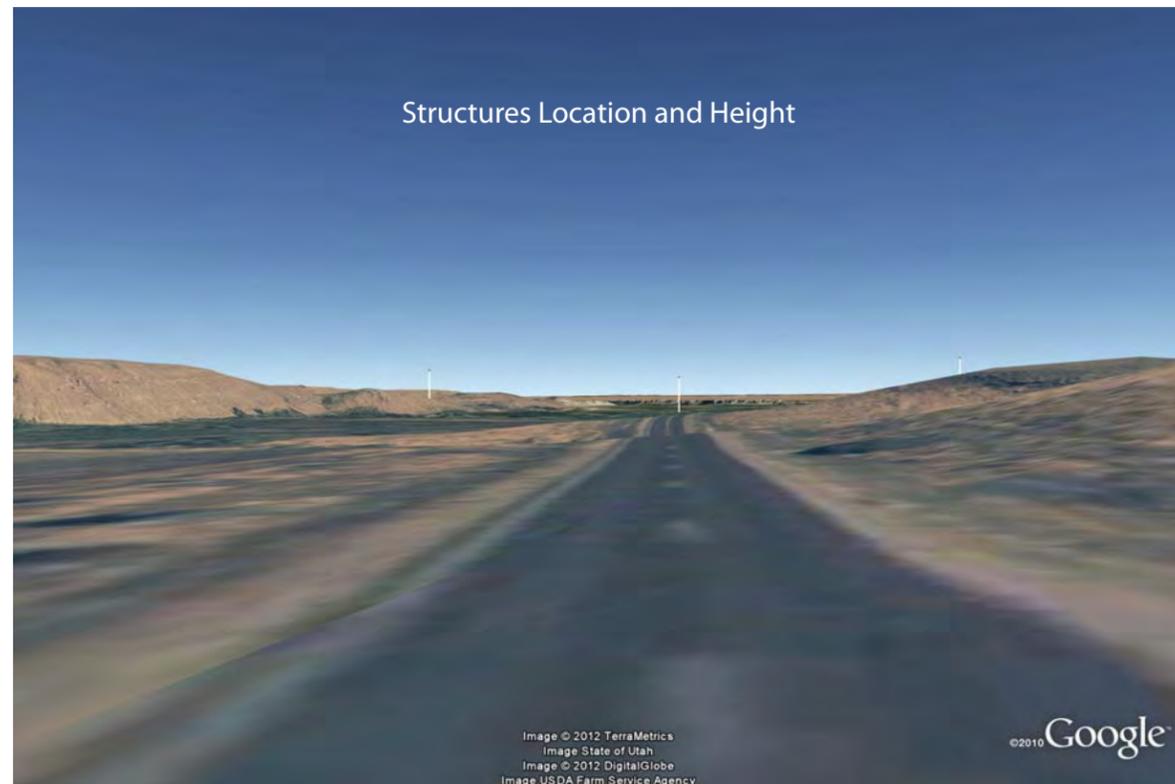
**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP V-21  
Bottle Hollow Landing  
Campground  
(Segment 1320.05)





KOP Photograph



Structures Location and Height

Image © 2012 TerraMetrics  
Image State of Utah  
Image © 2012 DigitalGlobe  
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 07/22/2011

District Vernal FO

Resource Area

Activity (program)

---

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>Utah State</u> Highway Township <u>2S</u> Range <u>1E</u> Section <u>26</u>	5. Location Sketch  Please see Figure 3.12-2
--------------------------------------	--	--

---

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Horizontal planar valley floor and inclined side slopes.	Organic clumps of riparian trees, sagebrush and grasses.	Strongly planar foreground roadway and steel lattice tower, and cylindrical poles.
LINE	Horizontal and angular skyline and horizontal valley floor.	Curvilinear tree edges. Indistinct sagebrush and grasses.	Strongly horizontal foreground roadway. Vertical steel lattice towers and power poles.
COLOR	Light to medium brown slopes.	Dark olive green riparian trees. Golden tan to brown grasses. Bluish silver green sagebrush.	Light to medium grey towers and paved foreground roadway. Dark brown poles and dark grey substation.
TEXTURE	Smooth landforms.	Coarse trees and shrubs. Smooth grasses.	Course lattice tower. Smooth to medium foreground roadway and 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 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		

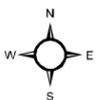
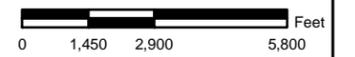
Rationale:  
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



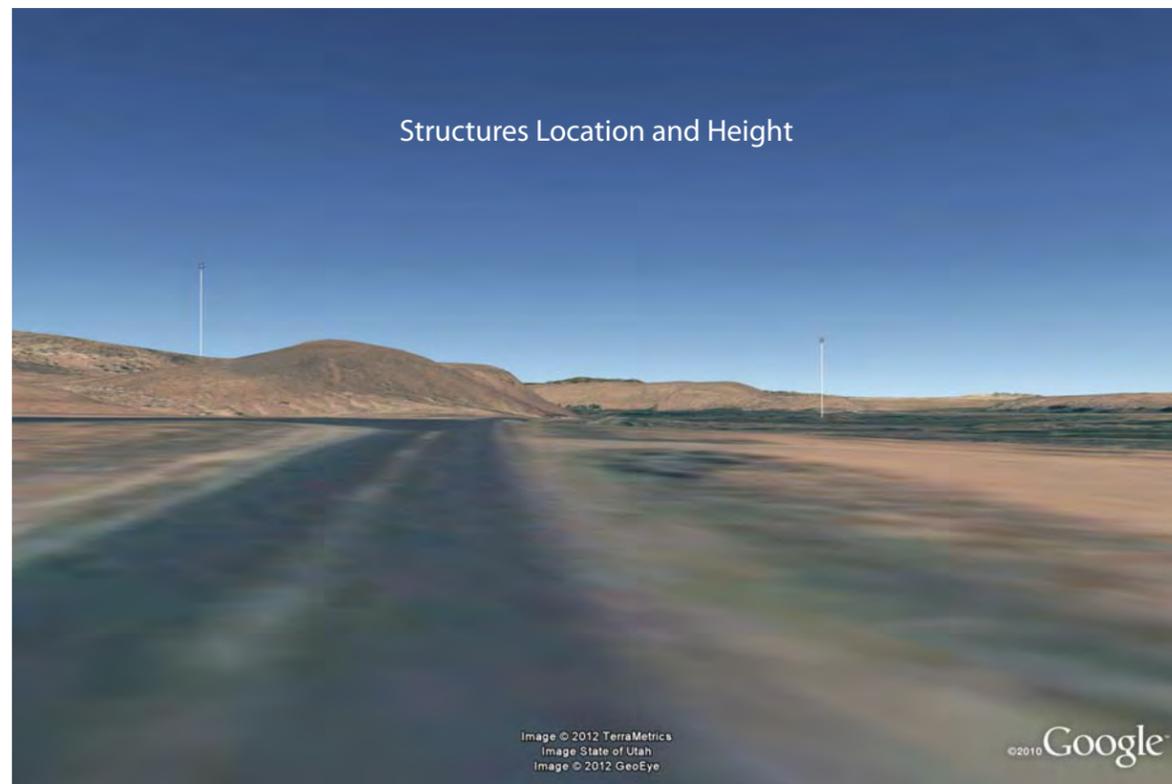
**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP V-22  
Utah State Hwy  
(Segment 1320.05)





KOP Photograph



Structures Location and Height

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 07/22/2011

District Vernal FO

Resource Area

Activity (program)

---

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>Utah State Highway</u>	5. Location Sketch Please see Figure 3.12-2
2. Key Observation Point V-23	Township <u>2S</u>	
3. VRM Class Private	Range <u>1E</u>	
	Section <u>35</u>	

---

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Horizontal planar valley floor and inclined side slopes.	Organic clumps of riparian trees, sagebrush and grasses.	Strongly planar foreground roadway and steel lattice tower, and cylindrical poles.
LINE	Horizontal and angular skyline and horizontal valley floor.	Curvilinear tree edges. Indistinct sagebrush and grasses.	Strongly horizontal foreground roadway. Vertical steel lattice towers and power poles.
COLOR	Light to medium brown slopes.	Dark olive green riparian trees. Golden tan to brown grasses. Bluish silver green sagebrush.	Light to medium grey towers and paved foreground roadway. Dark brown poles and dark grey substation.
TEXTURE	Smooth landforms.	Coarse trees and shrubs. Smooth grasses.	Coarse lattice tower. Smooth to medium foreground roadway and 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

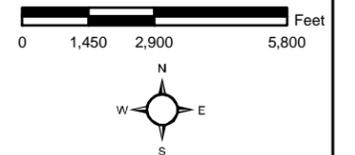
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)		
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input 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



**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

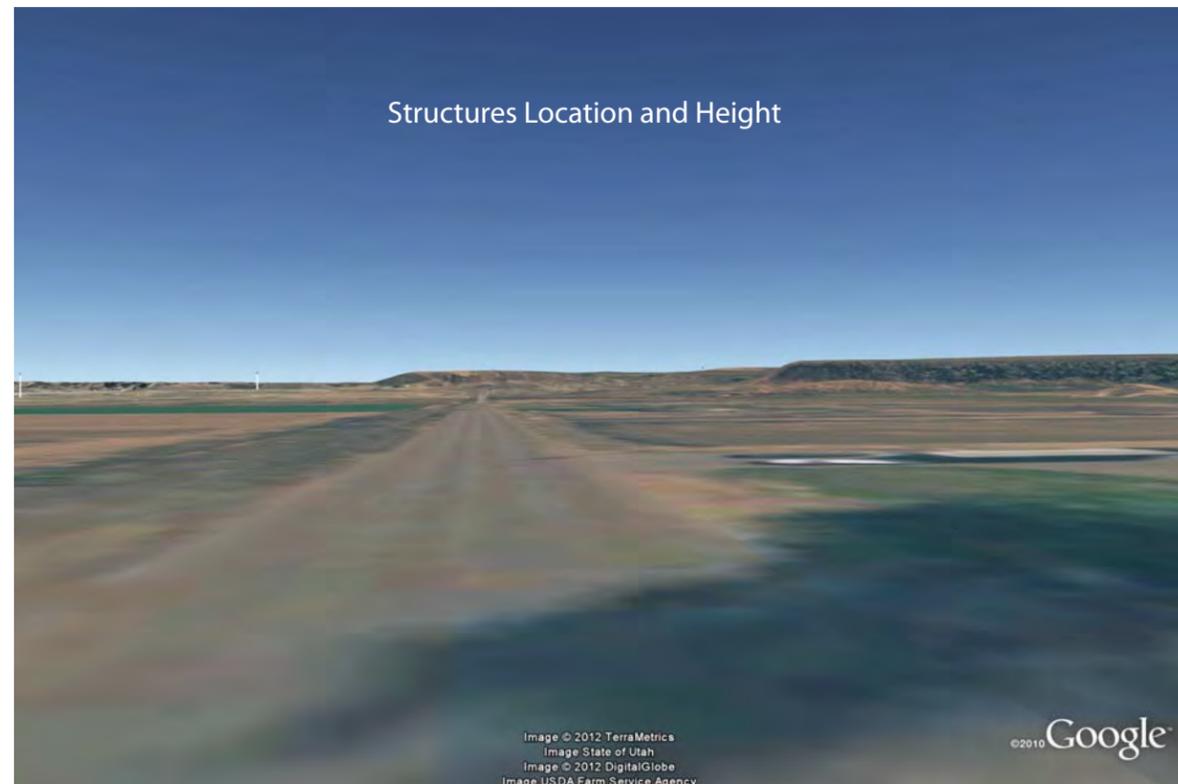
KOP V-23  
Utah State Hwy  
(Segment 1320.05)



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

Image © 2012 TerraMetrics  
Image State of Utah  
Image © 2012 DigitalGlobe  
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 07/22/2011

District Vernal FO

Resource Area

Activity (program)

---

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>Utah State</u> Highway Township <u>2S</u> Range <u>1W</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	Horizontal planar valley floor and inclined side slopes.	Organic clumps of riparian trees and shrubs, sagebrush and grasses.	Strongly planar foreground roadway and steel lattice tower, and cylindrical poles. Cubed residential structures.
LINE	Horizontal and angular skyline and horizontal valley floor.	Curvilinear tree edges. Indistinct sagebrush and grasses.	Strongly horizontal foreground roadway. Vertical steel lattice towers and power poles. Horizontal and vertical structures.
COLOR	Light to medium brown slopes.	Dark olive green riparian trees. Golden tan to brown grasses. Bluish silver green sagebrush.	Light to medium grey towers and paved foreground roadway. Dark brown poles and dark grey substation. White structures.
TEXTURE	Smooth landforms.	Coarse trees and shrubs. Smooth grasses.	Coarse lattice tower. Smooth to medium foreground roadway and 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.

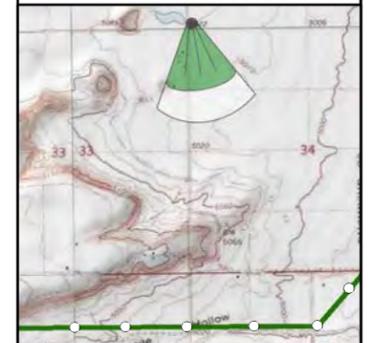
**SECTION D. CONTRAST RATING**     SHORT TERM     LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input 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		

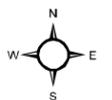
Rationale:  
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP V-24  
Utah State Hwy  
(Segment 1320.05)





KOP Photograph



Structures Location and Height

Image © 2012 TerraMetrics  
 Image State of Utah  
 Image © 2012 DigitalGlobe  
 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 Vernal FO  
 Resource Area  
 Activity (program)

---

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>Utah State Highway</u> <u>Township 3S</u> <u>Range 1W</u> <u>Section 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	Horizontal planar ridges.	Organic clumps of riparian trees and shrubs, sagebrush and grasses.	Strongly planar foreground roadway and cylindrical poles. Cubed residential structures.
LINE	Horizontal and skyline and horizontal ridge.	Curvilinear tree edges. Rectilinear crops and grasses.	Strongly horizontal foreground roadway. Vertical power poles. Horizontal and vertical structures.
COLOR	Light to medium grey slopes.	Dark olive green trees. Golden tan to brown grasses. Strong green crops.	Light to medium paved foreground roadway. Dark brown poles. Red and white structures.
TEXTURE	Smooth landforms.	Coarse trees and roadside grasses. Smooth fields and grasses.	Smooth to medium foreground roadway and smooth 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.

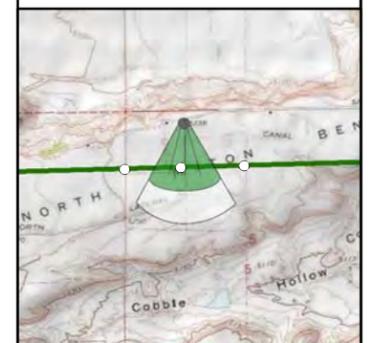
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**SECTION D. CONTRAST RATING**  SHORT TERM  LONG TERM

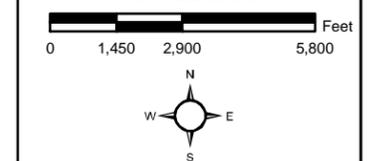
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input 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	



Project Location



KOP Location



**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP V-25  
 Utah State Hwy  
 (Segment 1320.05)



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 07/22/2011

District Vernal FO

Resource Area

Activity (program)

---

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>US-40</u> Township <u>2S</u> Range <u>1W</u> Section <u>31</u>	5. Location Sketch  Please see Figure 3.12-2
--------------------------------------	--	--

---

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Strong horizontal planar mesa slopes. Moderately inclined side slopes.	Organic clumps of trees, juniper, sagebrush and grasses.	Dbt. circuit steel lattice tower and conductors. Strongly planar foreground roadway.
LINE	Angular and curvilinear skyline and horizontal valley floor.	Indistinct juniper, sagebrush and grasses.	Vertical, horizontal, and angular tower and conductor elements. Horizontal curvilinear foreground roadway.
COLOR	Very light to medium brown slopes and erosion cuts.	Golden tan to brown grasses. Dark green deciduous trees and juniper. Bluish silver green sagebrush.	Light to dark grey towers and conductors. Light to medium grey paved foreground roadway.
TEXTURE	Smooth landforms.	Coarse sagebrush. Smooth grasses.	Moderate to coarse towers. Smooth to medium foreground 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.

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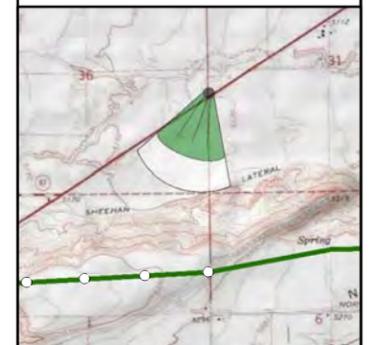
**SECTION D. CONTRAST RATING**     SHORT TERM     LONG TERM

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			

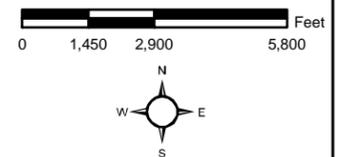
Rationale:  
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



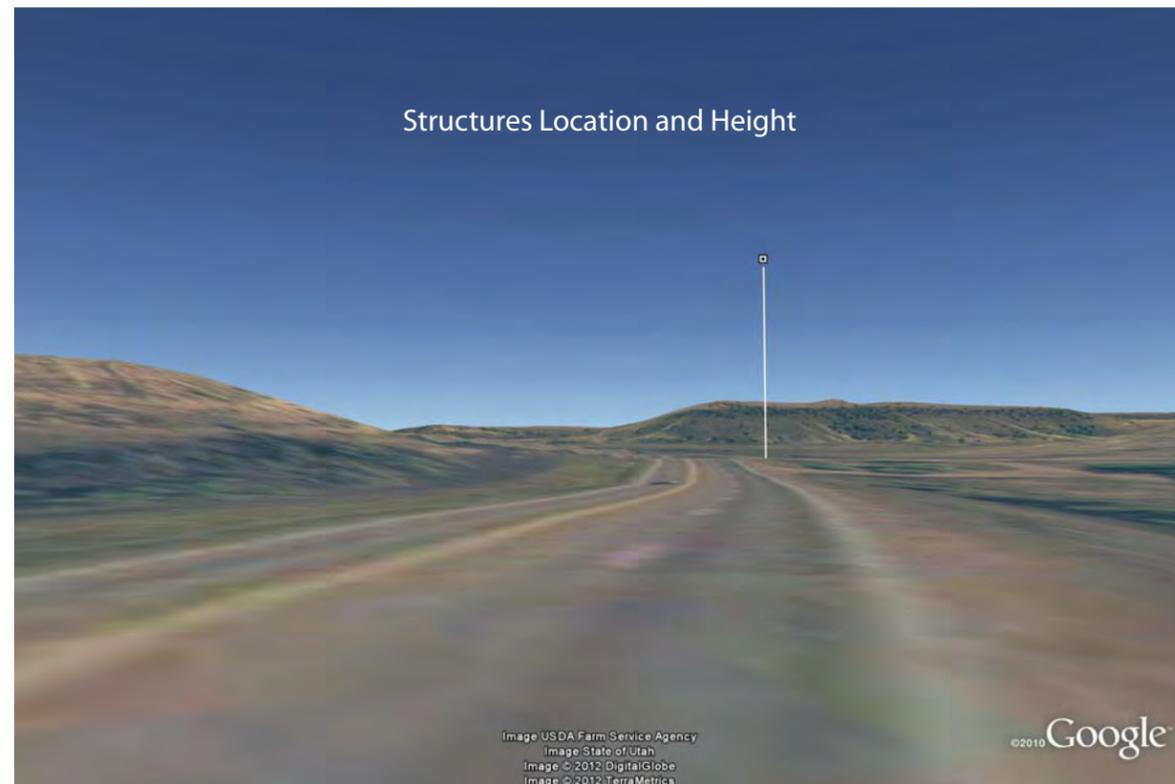
**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP V-26  
U.S. 40  
(Segment 1320.05)





KOP Photograph



Structures Location and Height

Image: USDA Farm Service Agency  
 Image: State of Utah  
 Image: © 2012, DigitalGlobe  
 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 Vernal FO

Resource Area \_\_\_\_\_

Activity (program) \_\_\_\_\_

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**SECTION A. PROJECT INFORMATION**

1. Project Name <b>TransWest Express</b>	4. Location <u>US-40</u> Township <u>3S</u> Range <u>2W</u> Section <u>1</u>	5. Location Sketch  Please see Figure 3.12-2
2. Key Observation Point <b>V-27</b>		
3. VRM Class <b>Private</b>		

---

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Strong horizontal planar mesa slopes. Moderately inclined side slopes.	Organic clumps of trees, juniper, sagebrush and grasses.	Steel lattice cell tower. Strongly planar foreground roadway.
LINE	Horizontal skyline and horizontal valley floor.	Indistinct juniper, sagebrush and grasses.	Vertical, horizontal, and spherical tower elements. Horizontal curvilinear foreground roadway.
COLOR	Very light to medium brown slopes and erosion cuts.	Golden tan to brown grasses. Dark green deciduous trees and juniper. Bluish silver green sagebrush.	Light to dark grey tower. Light to medium grey paved foreground roadway.
TEXTURE	Smooth landforms.	Coarse sagebrush. Smooth grasses.	Moderate tower. Smooth to medium foreground 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 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                      Date M. Paulson                                      07/22/2011
Line													x	
Color													x	
Texture													x	

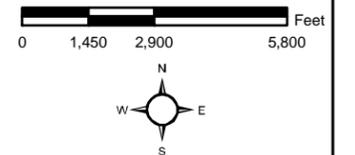
Rationale:  
 Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



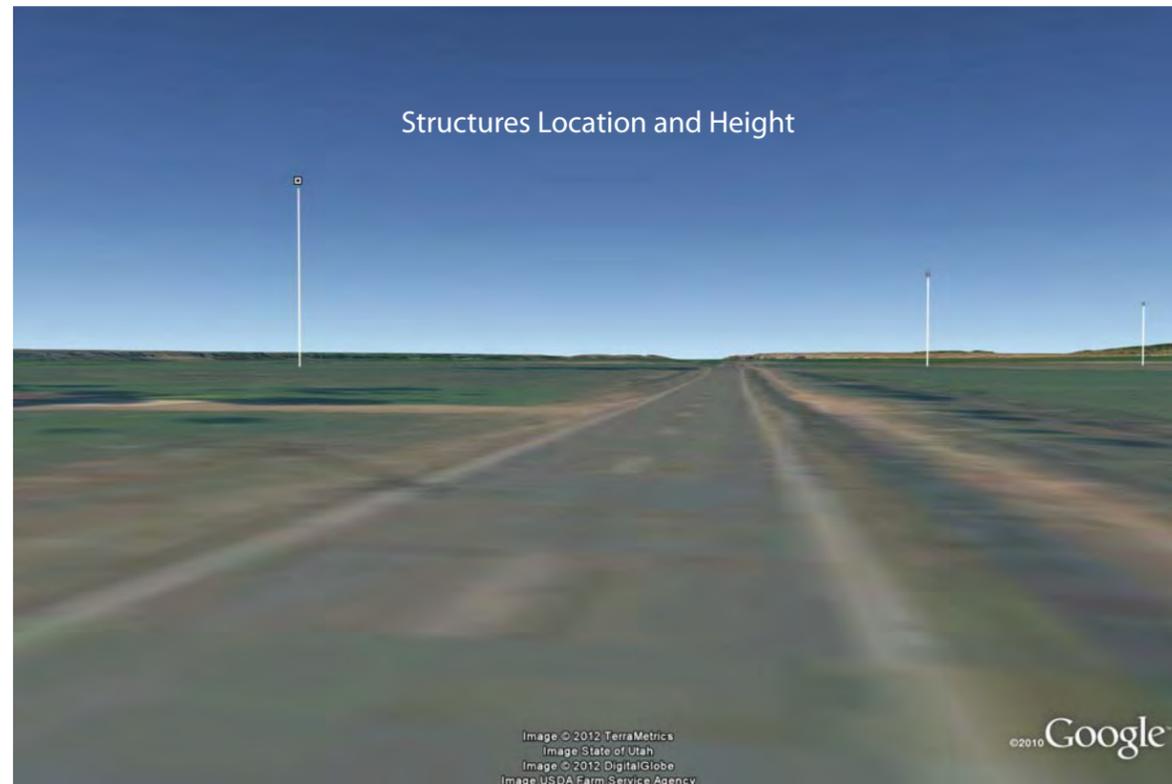
**TRANSWEST EXPRESS  
 TRANSMISSION PROJECT**

KOP V-27  
 U.S. 40  
 (Segment 1320.05)





KOP Photograph



Structures Location and Height

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

Resource Area

Activity (program)

---

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>Utah SH-87</u> Residential Township <u>3S</u> Range <u>2W</u> Section <u>4</u>	5. Location Sketch Please see Figure 3.12-2
2. Key Observation Point V-28		
3. VRM Class Private		

---

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Horizontal planar ridges.	Organic clumps of residential trees, shrubs and grasses.	Strongly planar foreground roadway and cylindrical poles. Cubed residential structures.
LINE	Horizontal skyline.	Curvilinear tree edges. Rectilinear roadside grasses.	Strongly horizontal foreground roadway. 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.	Light to medium paved foreground roadway. Dark brown poles. White structures.
TEXTURE	Smooth landforms.	Coarse trees and roadside grasses.	Smooth to medium foreground roadway and smooth 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.

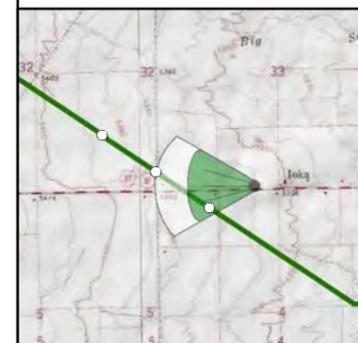
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**SECTION D. CONTRAST RATING**  SHORT TERM  LONG TERM

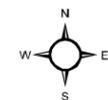
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain 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 07/22/2011
Line													X		
Color													X		
Texture													X		



Project Location



KOP Location



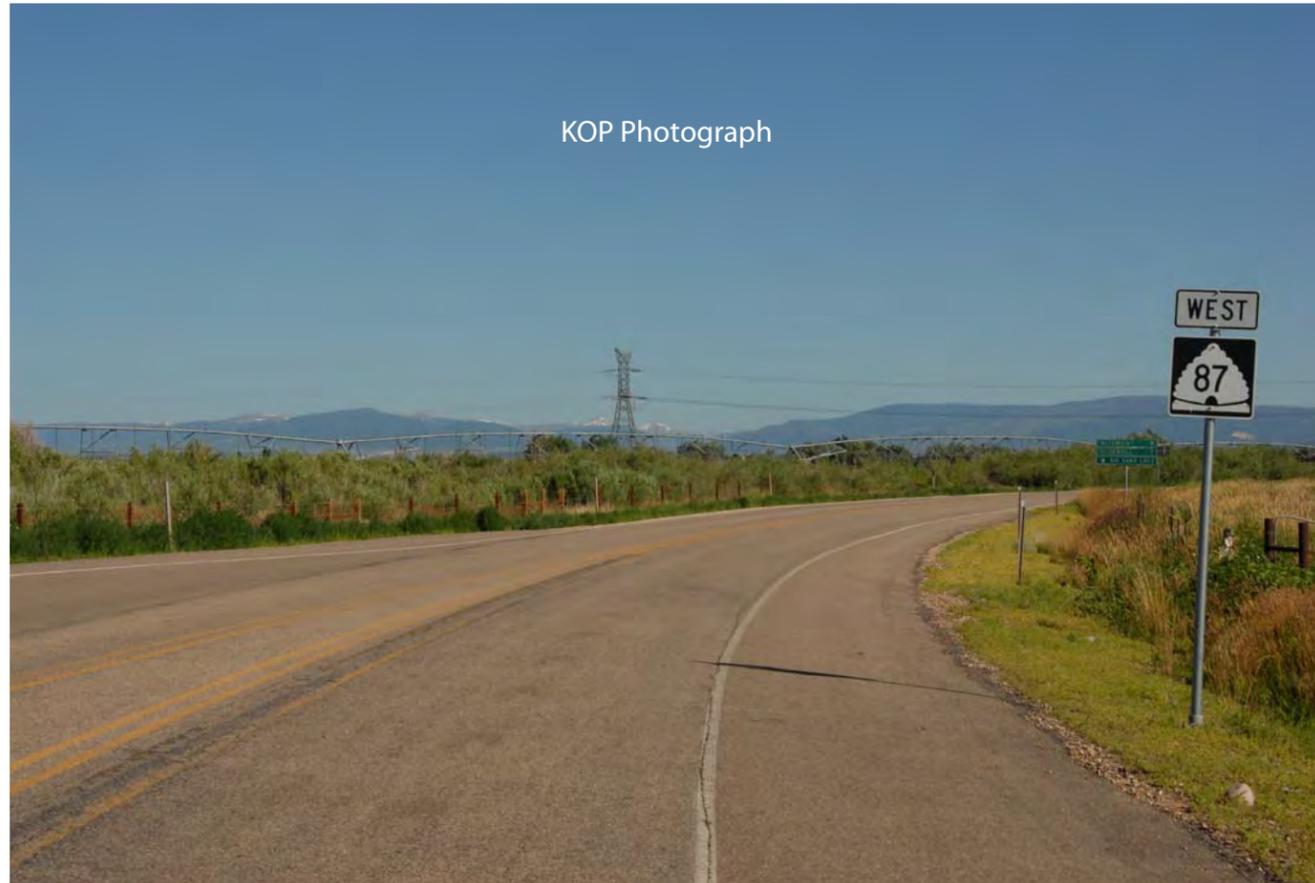
**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP V-28  
 Utah State Hwy 87  
 Residential  
 (Segment 1320.05)

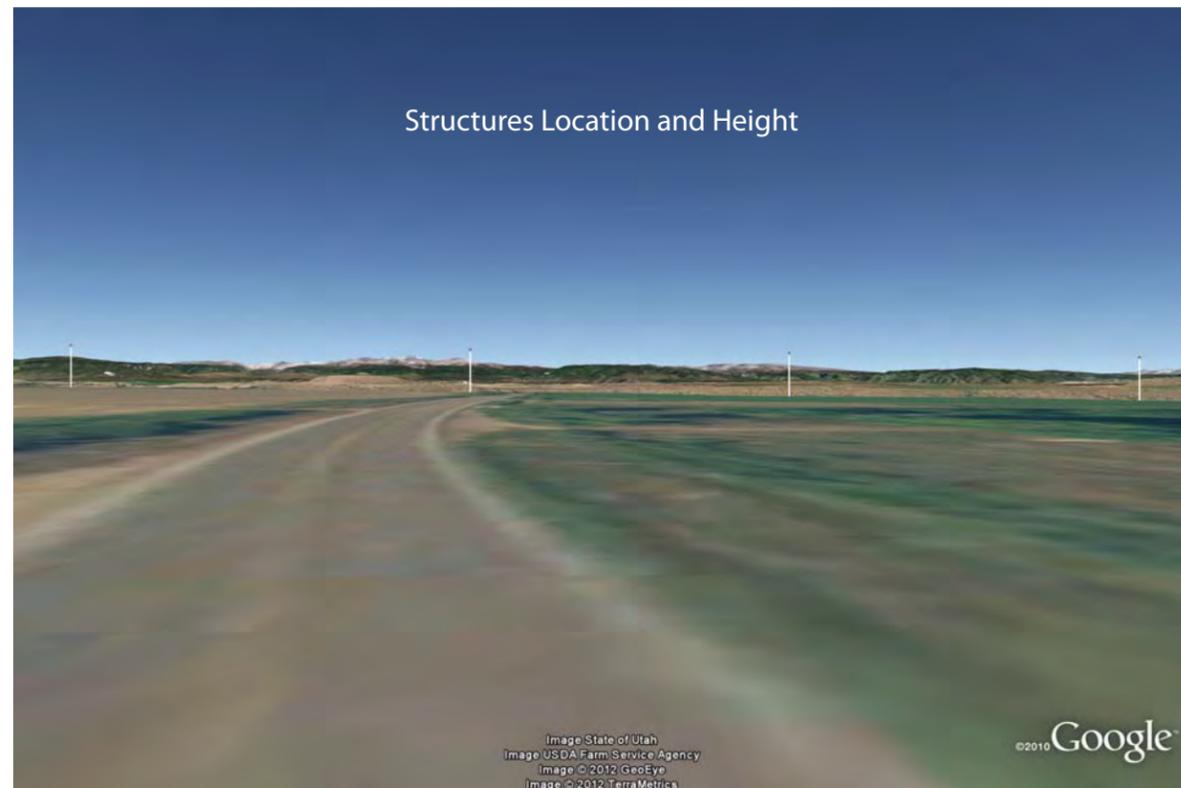


Rationale:  
 Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.





KOP Photograph



Structures Location and Height

Image State of Utah  
Image USDA Farm Service Agency  
Image © 2012 GeoEye  
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 07/22/2011

District Vernal FO

Resource Area

Activity (program)

---

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>Utah SH-87</u> Township <u>2S</u> Range <u>3W</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	Inclined rounded mountain ridges. Planar valley floor.	Organic clumps of roadside shrubs and grasses.	Strongly planar steel lattice tower, conductors, foreground roadway and cylindrical irrigation pipe.
LINE	Angular mountain skyline.	Curvilinear shrub edges. Indistinct roadside grasses.	Strongly horizontal foreground roadway. Vertical lattice towers and horizontal conductors.
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 grey tower. Light to medium paved foreground roadway.
TEXTURE	Smooth landforms.	Coarse trees and roadside grasses.	Coarse tower. Smooth to medium foreground roadway and 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.
TEXTURE			Coarse steel lattice structures, and smooth guys and conductors.

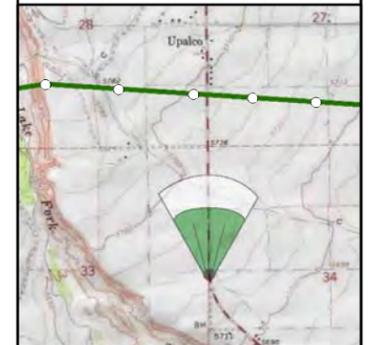
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**SECTION D. CONTRAST RATING**     SHORT TERM     LONG TERM

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		

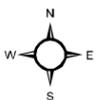


Project Location



KOP Location

0 1,400 2,800 5,600 Feet



**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP V-30  
Utah State Hwy 87  
(Segment 1320)





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 Vernal FO  
Resource Area  
Activity (program)

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location Utah State Highway 87 Township 2S Range 4W Section 31	5. Location Sketch Please see Figure 3.12-2
--------------------------------------	---	--

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular mountain backdrop. Planar inclined and inclined side slopes.	Organic clumps of sagebrush and grasses.	Strongly planar foreground roadway and two sets of cylindrical poles.
LINE	Angular skyline and horizontal valley floor.	Indistinct sagebrush and grasses.	Strongly horizontal foreground roadway. Vertical power poles.
COLOR	Light to medium brown slopes.	Golden tan to brown grasses. Bluish silver green sagebrush.	Dark brown poles and light to medium grey paved roadway.
TEXTURE	Smooth landforms.	Coarse shrubs and grasses.	Smooth to medium foreground roadway and 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 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	

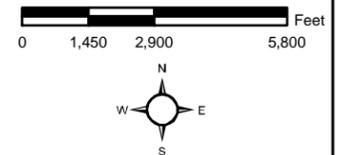
Rationale:  
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



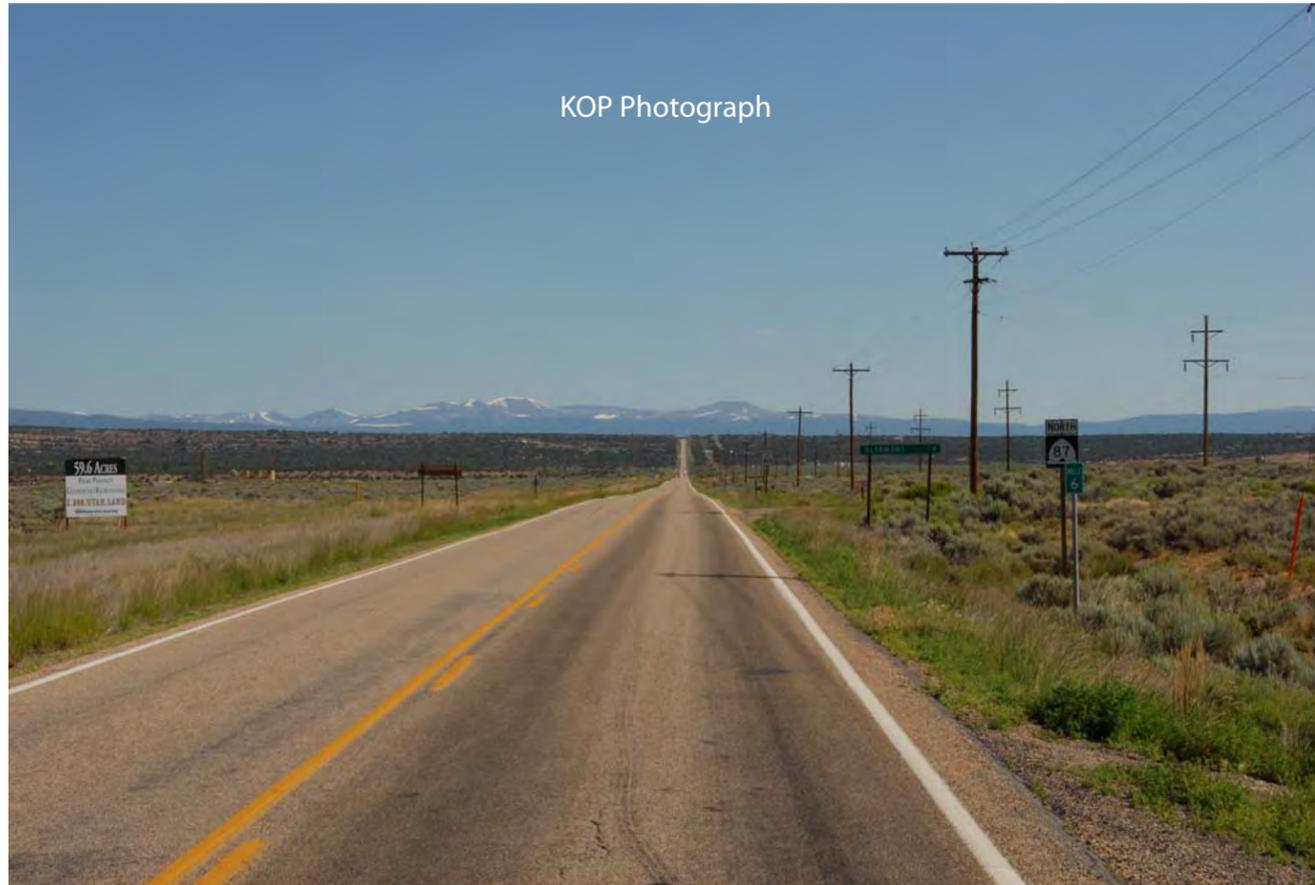
KOP Location



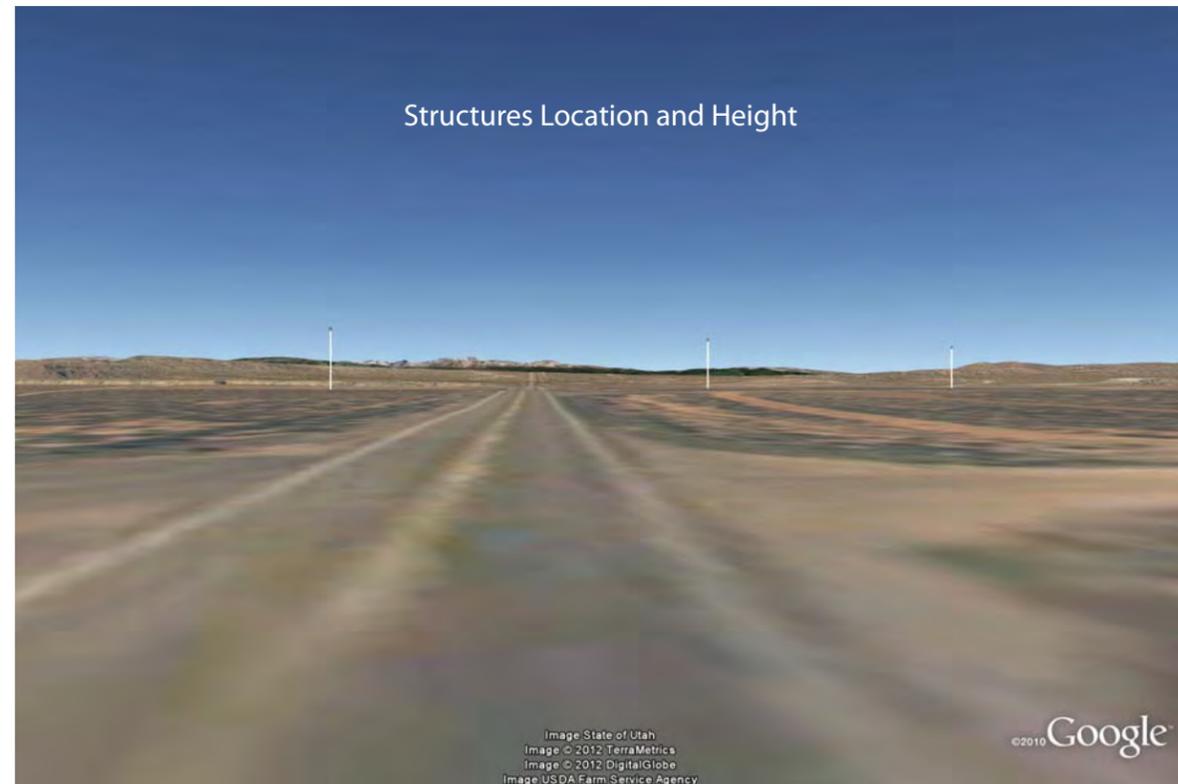
**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP V-31  
Utah State Hwy 87  
(Segment 1321)





KOP Photograph



Structures Location and Height

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

Resource Area

Activity (program)

---

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>Utah State</u> <u>Highway 87</u> <u>Township 3S</u> <u>Range 4W</u> <u>Section 6</u>	5. Location Sketch  Please see Figure 3.12-2
2. Key Observation Point V-32		
3. VRM Class Private		

---

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular mountain backdrop. Planar inclined and inclined side slopes.	Organic clumps of sagebrush and grasses.	Strongly planar foreground roadway and two sets of cylindrical poles.
LINE	Angular skyline and horizontal valley floor.	Indistinct sagebrush and grasses.	Strongly horizontal foreground roadway. Vertical power poles.
COLOR	Light to medium brown slopes.	Golden tan to brown grasses. Bluish silver green sagebrush.	Dark brown poles and light to medium grey paved roadway.
TEXTURE	Smooth landforms.	Coarse shrubs and grasses.	Smooth to medium foreground roadway and 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

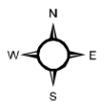
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input 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



**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

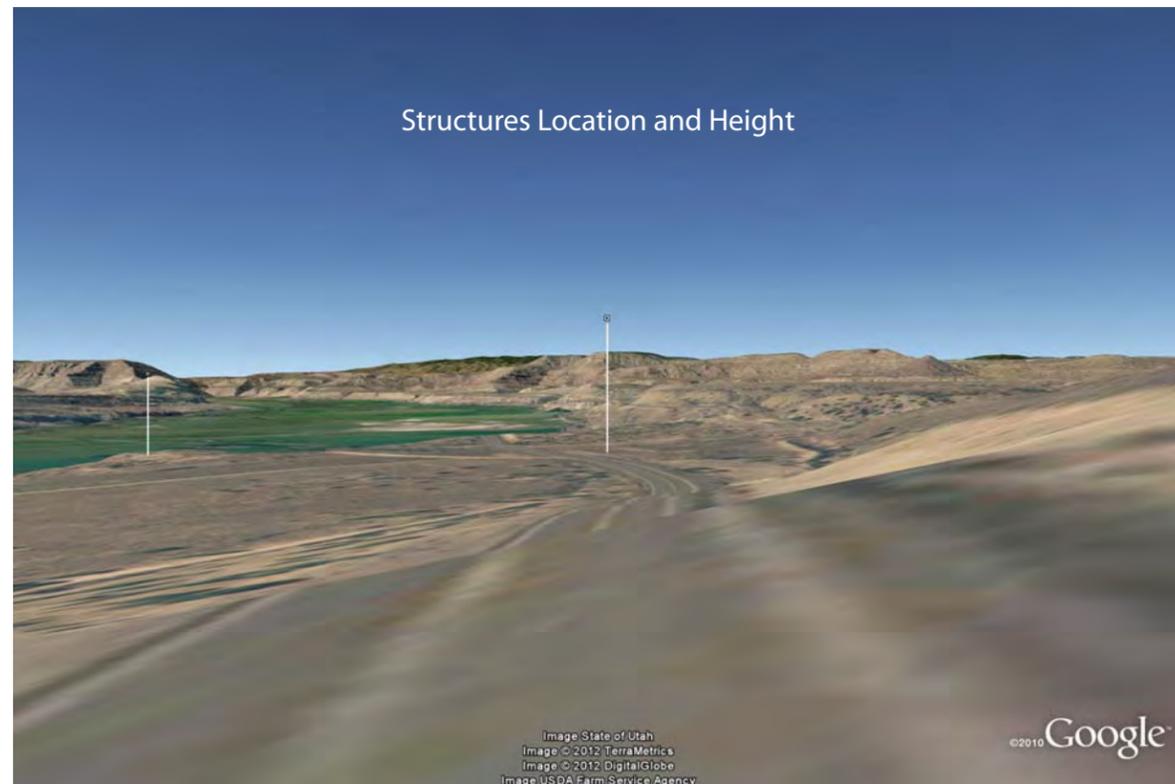
KOP V-32  
Utah State Hwy 87  
(Segment 1321)



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

Image State of Utah  
Image © 2012 TerraMetrics  
Image © 2012 DigitalGlobe  
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 07/22/2011

District Vernal FO

Resource Area

Activity (program)

---

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>Utah State</u> <u>Highway 87</u> <u>Township 3S</u> <u>Range 5W</u> <u>Section 1</u>	5. Location Sketch  Please see Figure 3.12-2
2. Key Observation Point V-33		
3. VRM Class Private		

---

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular mesa mountain backdrop. Planar inclined and inclined side slopes.	Organic clumps of pinyon-juniper, sagebrush and grasses.	Strongly planar foreground roadway and cylindrical poles. Cubed residential structures.
LINE	Angular skyline and horizontal valley floor.	Indistinct sagebrush and grasses.	Strongly curvilinear horizontal foreground roadway. Vertical power poles. Horizontal and vertical structures.
COLOR	Light to medium brown slopes.	Golden tan to brown grasses. Bluish silver green sagebrush.	Dark brown poles and light to medium grey paved roadway. White and grey residential structures.
TEXTURE	Smooth landforms.	Coarse shrubs and grasses.	Smooth to medium foreground roadway and 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.

---

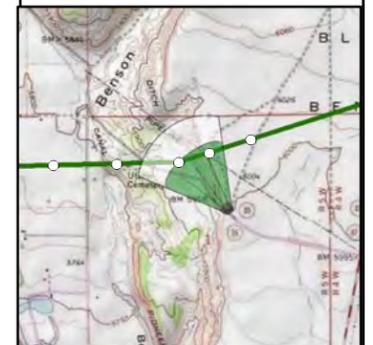
**SECTION D. CONTRAST RATING**     SHORT TERM     LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input 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.

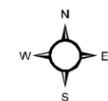


Project Location



KOP Location

0 1,450 2,900 5,800 Feet



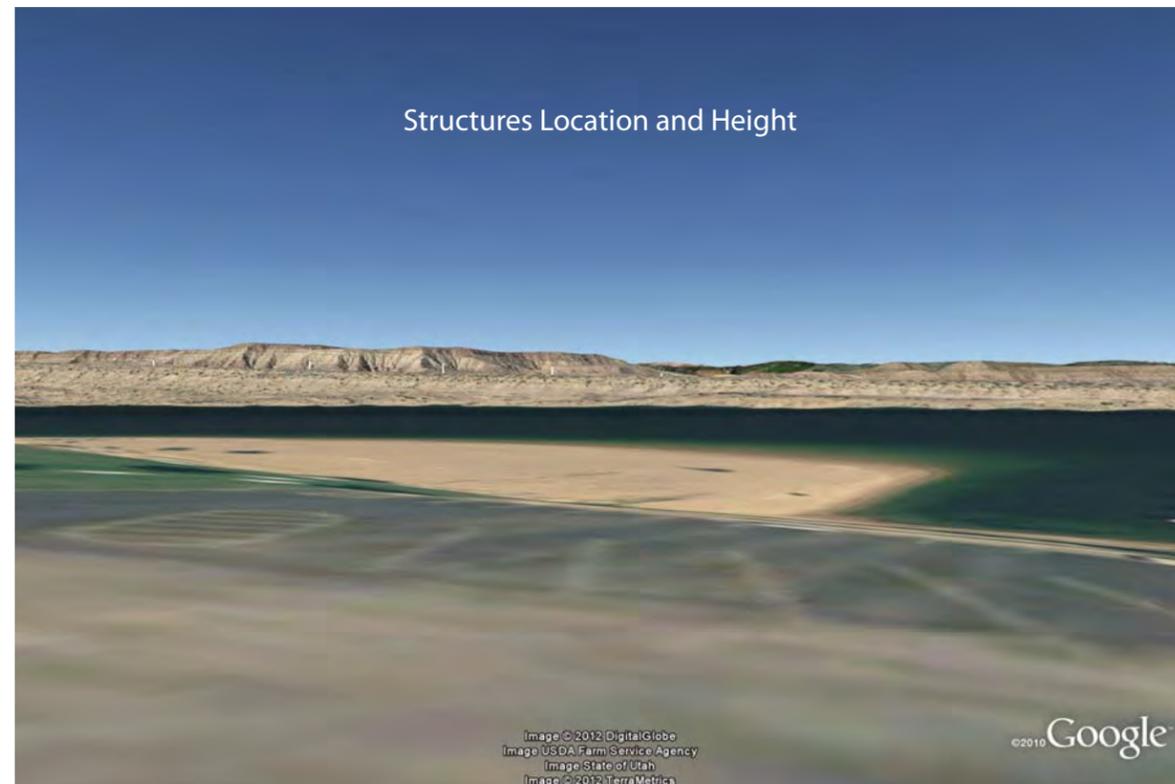
**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP V-33  
Utah State Hwy 87  
(Segment 1321)





KOP Photograph



Structures Location and Height

Image © 2012 DigitalGlobe  
 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 07/22/2011

District Vernal FO

Resource Area

Activity (program)

---

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>Boat Launch-Campground</u> Township <u>3S</u> Range <u>5W</u> Section <u>28</u>	5. Location Sketch  Please see Figure 3.12-2
--------------------------------------	---	--

---

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar water surface. Angular mesa mountain backdrop. Planar inclined and inclined side slopes.	Organic clumps of pinyon-juniper, sagebrush and grasses.	Strongly pyramidal foreground picnic structures. Multiple shapes of RVs.
LINE	Angular skyline and horizontal water surface edge.	Indistinct sagebrush and grasses.	Strongly angular, horizontal and vertical structures.
COLOR	Strongly blue water surface. Light to medium brown slopes.	Strongly dark and medium olive green trees. Golden tan to brown grasses.	Dark brown roofs and light to medium grey brown roadway. Multiple colors of RVs.
TEXTURE	Smooth water and landforms.	Coarse trees, shrubs and grasses.	Smooth to medium foreground roadway and 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.

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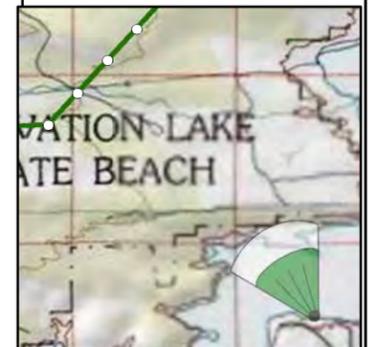
**SECTION D. CONTRAST RATING**     SHORT TERM     LONG TERM

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			

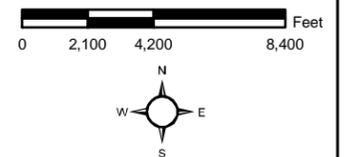
Rationale:  
 Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



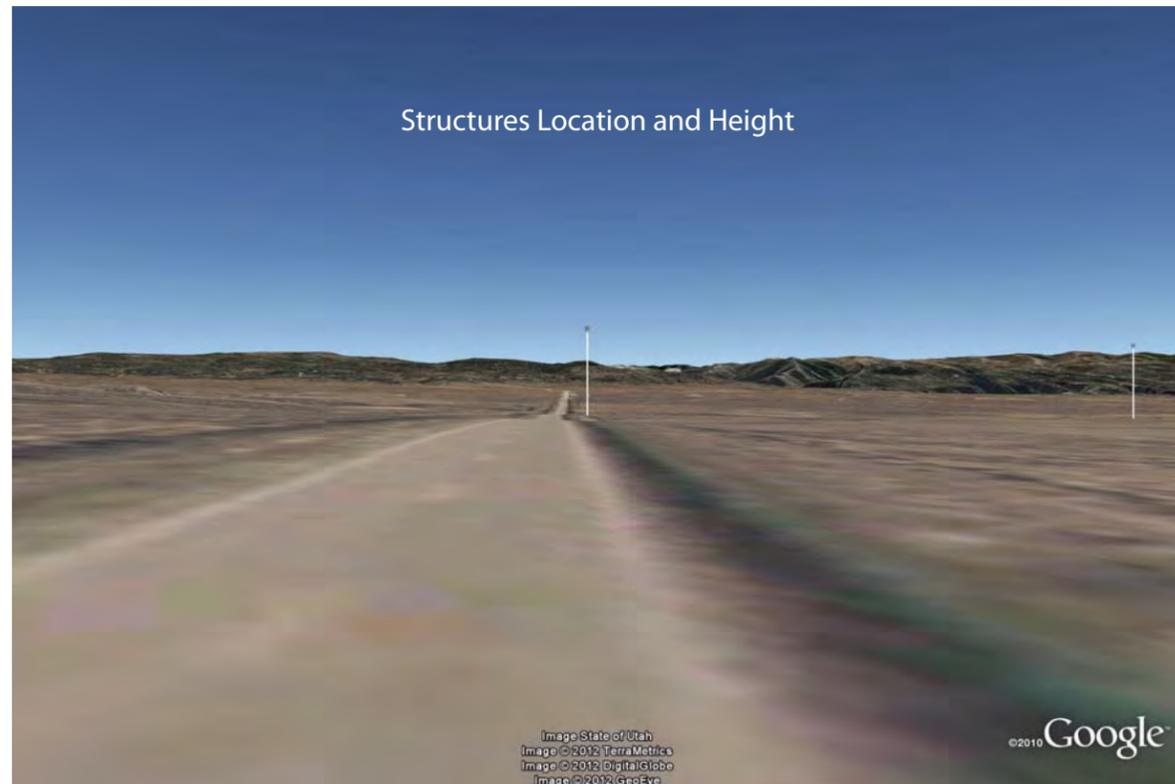
**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP V-34  
 Boat Launch - Campground  
 (Segment 1321)





KOP Photograph



Structures Location and Height

Image State of Utah  
Image ©2012 TerraMetrics  
Image ©2012 DigitalGlobe  
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 07/22/2011

District Vernal FO

Resource Area

Activity (program)

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location Utah SH-208 Township 3S Range 7W Section 7	5. Location Sketch Please see Figure 3.12-2
--------------------------------------	---	--

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Inclined rounded mountain ridges. Planar valley floor.	Organic clumps of shrubs and grasses. Continuous surface of pinyon-juniper in the background.	Strongly planar steel lattice tower, conductors, and foreground roadway. Cylindrical wooden poles.
LINE	Angular mountain skyline and horizontal valley floor.	Curvilinear shrub edges and edges of grass patterns.	Strongly horizontal foreground roadway. Vertical lattice towers and horizontal conductors.
COLOR	Light to medium light to medium brown rock and soil.	Dark olive green trees. Light silver grey green sage brush. Golden tan to green grasses.	Dark grey tower. Light to medium paved foreground roadway. Brown wooden poles.
TEXTURE	Smooth landforms, coarse geology.	Coarse trees and shrubs, and smooth grasses.	Coarse towers. Smooth to medium foreground roadway and smooth pole 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

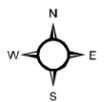
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)		
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input 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 07/22/2011
	Line													X	
	Color													X	
	Texture													X	



Project Location



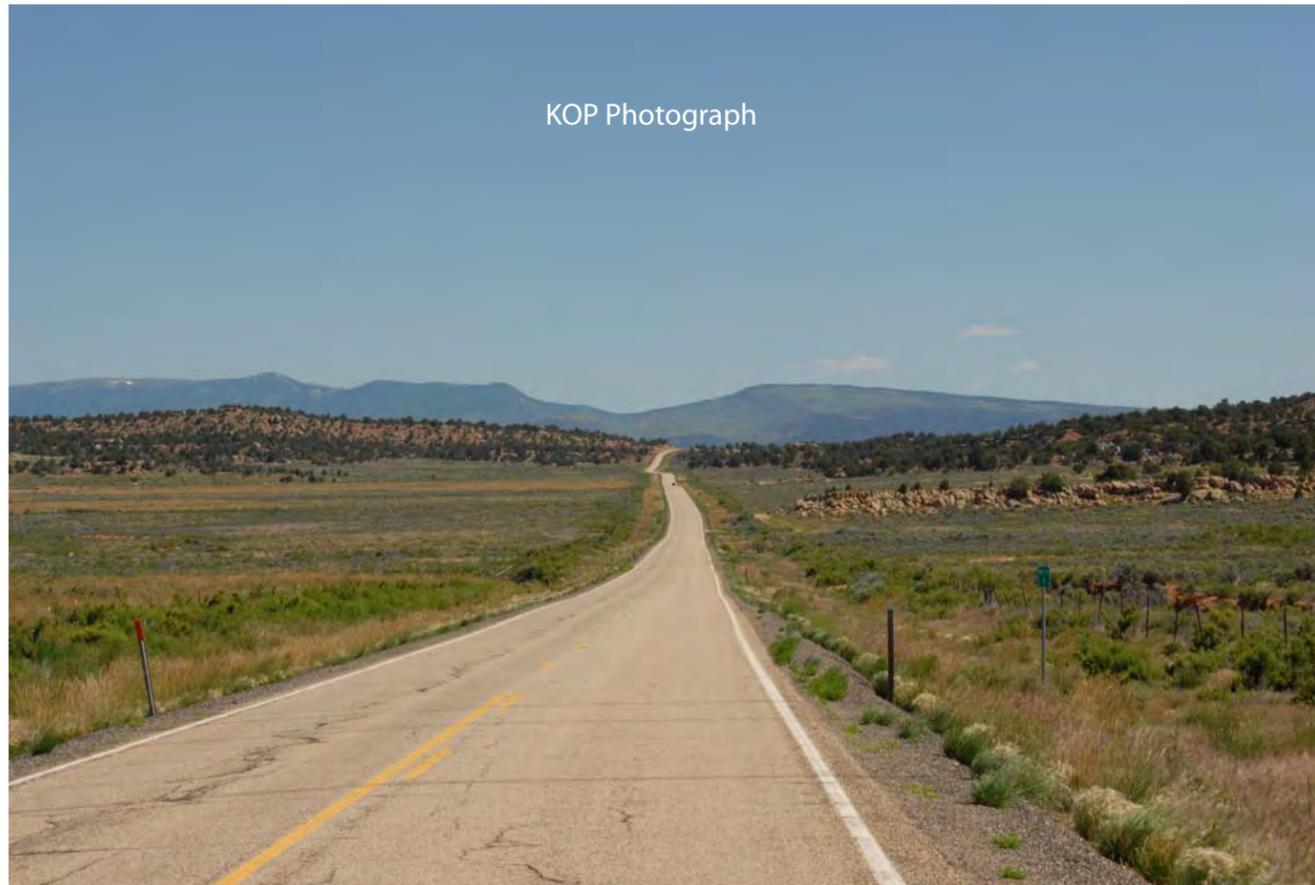
KOP Location



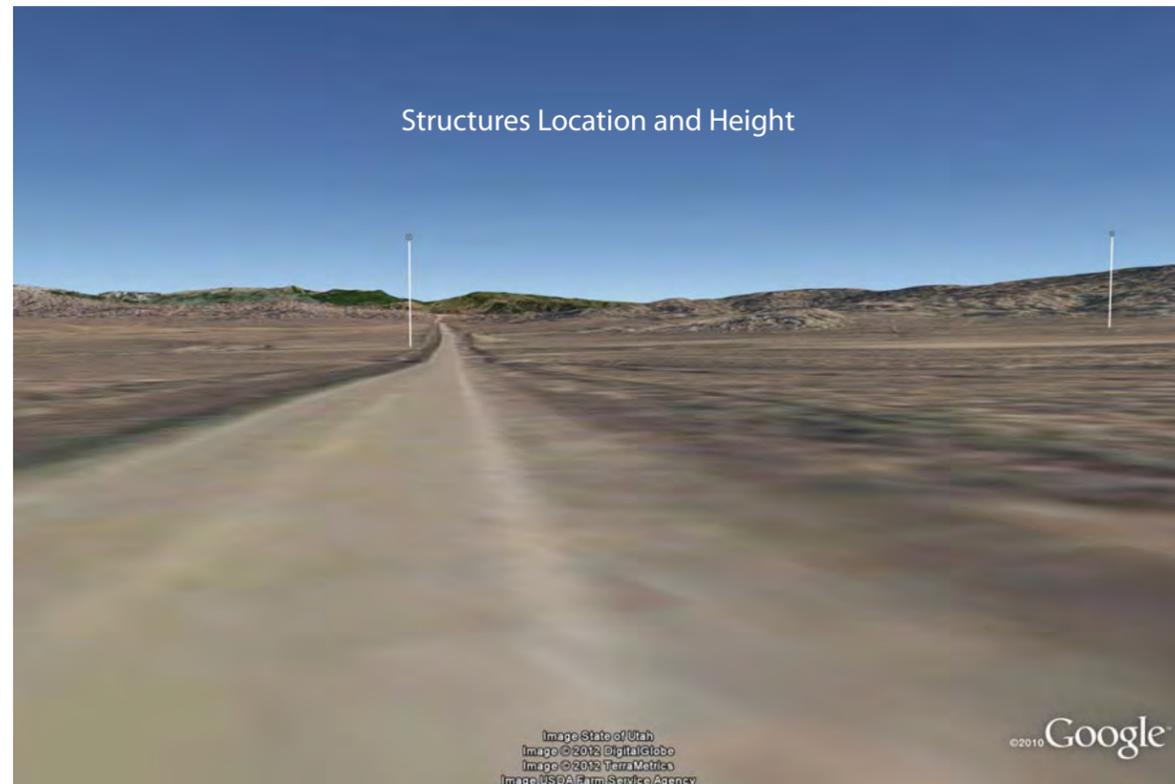
**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP V-35  
Utah State Hwy 208  
(Segment 1321)





KOP Photograph



Structures Location and Height

Image State of Utah  
Image © 2012 DigitalGlobe  
Image © 2012 TerraMetrics  
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 07/22/2011

District Vernal FO

Resource Area

Activity (program)

---

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location_Utah SH-208 Township_3S Range_7W Section_18	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	Inclined rounded mountain ridges. Planar valley floor.	Organic clumps of trees, shrubs and grasses. Continuous surface of pinyon-juniper in the background.	Strongly planar steel lattice tower, conductors, and foreground roadway. Cylindrical wooden poles.
LINE	Angular mountain skyline, foreground ridgeline and horizontal valley floor.	Curvilinear tree and shrub edges and edges of grass patterns.	Strongly horizontal foreground roadway. Vertical lattice towers and horizontal conductors.
COLOR	Light to medium light to medium brown rock and soil.	Dark olive green trees. Light silver grey green sage brush. Golden tan to green grasses.	Dark grey tower. Light to medium paved foreground roadway. Brown wooden poles.
TEXTURE	Smooth landforms, coarse geology.	Coarse trees and shrubs, and smooth grasses.	Coarse towers. Smooth to medium foreground roadway and smooth pole 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.

---

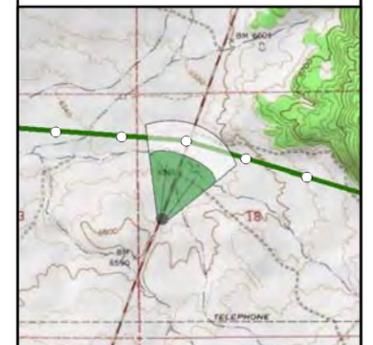
**SECTION D. CONTRAST RATING**     SHORT TERM     LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input 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	

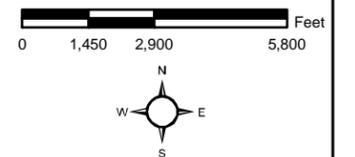
Rationale:  
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location

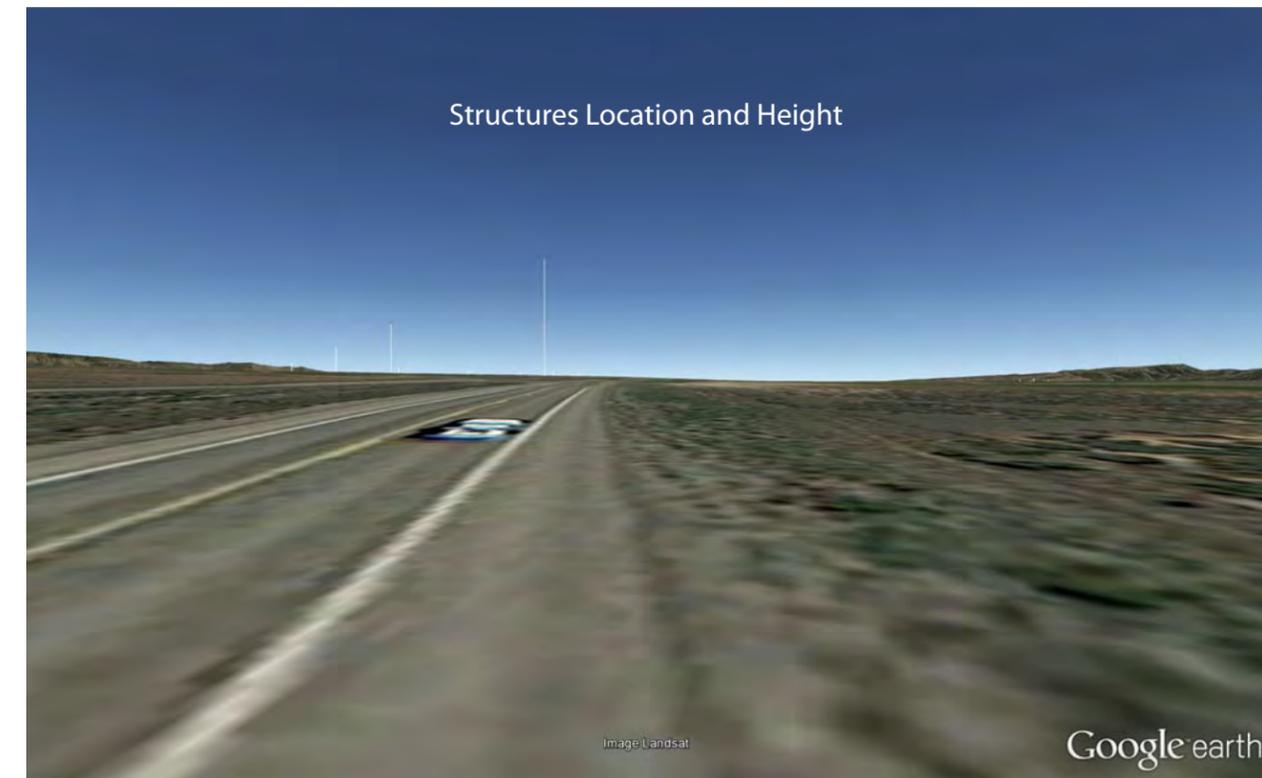


**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP V-36  
Utah State Hwy 208  
(Segment 1321)







Form 8400-4 (September 1985)

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

**VISUAL CONTRAST RATING WORKSHEET**

Date 10/17/2014  
 District Vernal FO  
 Resource Area  
 Activity (program)

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>U.S. 40 (eb)</u> Township <u>3S</u> Range <u>9W</u> Section <u>23</u>	5. Location Sketch Please see Figure 3.12-2
--------------------------------------	---	--

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

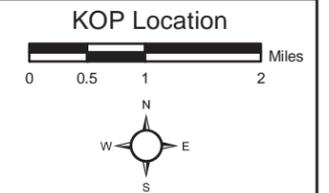
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar horizontal valley floor.	Organic clumps of shrubs and grasses.	Planar roadway, rectangular LDS church, and cylindrical electrical distribution lines.
LINE	Horizontal and slightly angular skyline, foreground ridgeline and horizontal valley floor.	Curvilinear shrub edges and edges of grass patterns.	Strongly horizontal foreground roadway. Vertical and horizontal church structure and vertical distribution lines.
COLOR	Light to medium light to medium brown rock and soil.	Light silver grey green sage brush. Golden tan to green grasses.	Light to medium paved foreground roadway. Brown wooden poles. White structure.
TEXTURE	Smooth landforms.	Coarse shrubs and smooth grasses.	Smooth to medium foreground roadway and building, and 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 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 10/17/2014
Line														
Color														
Texture														



**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP V-37-2  
 U.S. 40  
 (eastbound)  
 (Segment 1322.22)



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



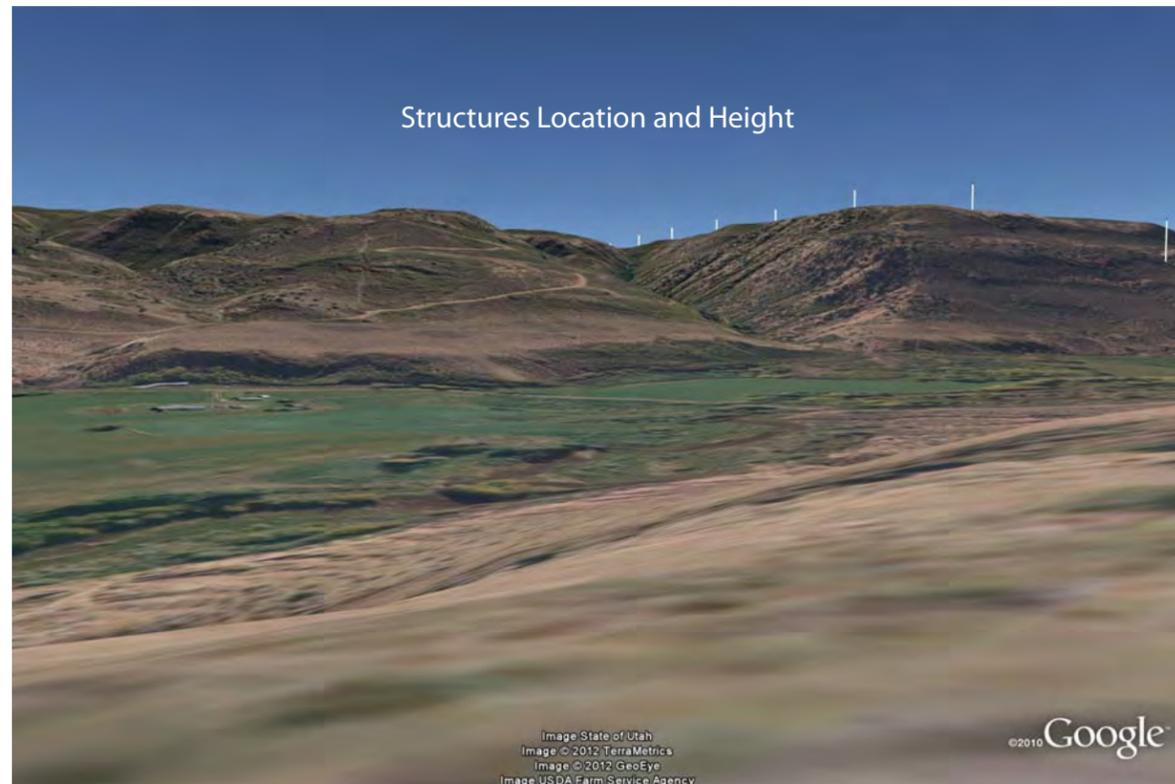
**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP V-37-2  
Simulated Condition  
(Segment 1322.22)





KOP Photograph



Structures Location and Height

Image State of Utah  
Image © 2012 TerraMetrics  
Image © 2012 GeoEye  
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 07/22/2011

District Vernal FO

Resource Area

Activity (program)

---

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>US-40</u> Township <u>3S</u> Range <u>9W</u> Section <u>22</u>	5. Location Sketch  Please see Figure 3.12-2
--------------------------------------	--	--

---

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Rounded mountain ridges. Inclined planar side slopes. Planar valley floor.	Organic clumps of riparian and alpine trees, shrubs and grasses. Clumps of pinyon-juniper and shrubs.	Strongly planar steel lattice towers and weak conductors.
LINE	Curvilinear mountain skyline, angular side slopes and horizontal valley floor.	Curvilinear tree and shrub edges and edges of grass patterns. Linear sage brush pattern.	Vertical and horizontal lattice towers. Angular access roads.
COLOR	Light to medium light to medium brown rock and soil.	Dark olive green trees. Light silver grey green sage brush. Golden tan to green grasses.	Dark grey tower and light brown access roads.
TEXTURE	Smooth landforms, coarse geology.	Coarse trees and shrubs, and smooth grasses.	Coarse towers. Smooth access roads.

---

**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.

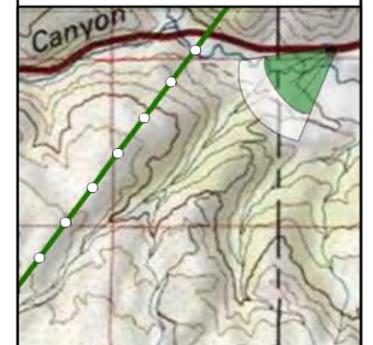
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**SECTION D. CONTRAST RATING**     SHORT TERM     LONG TERM

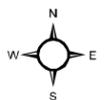
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input 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	



Project Location



KOP Location



**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

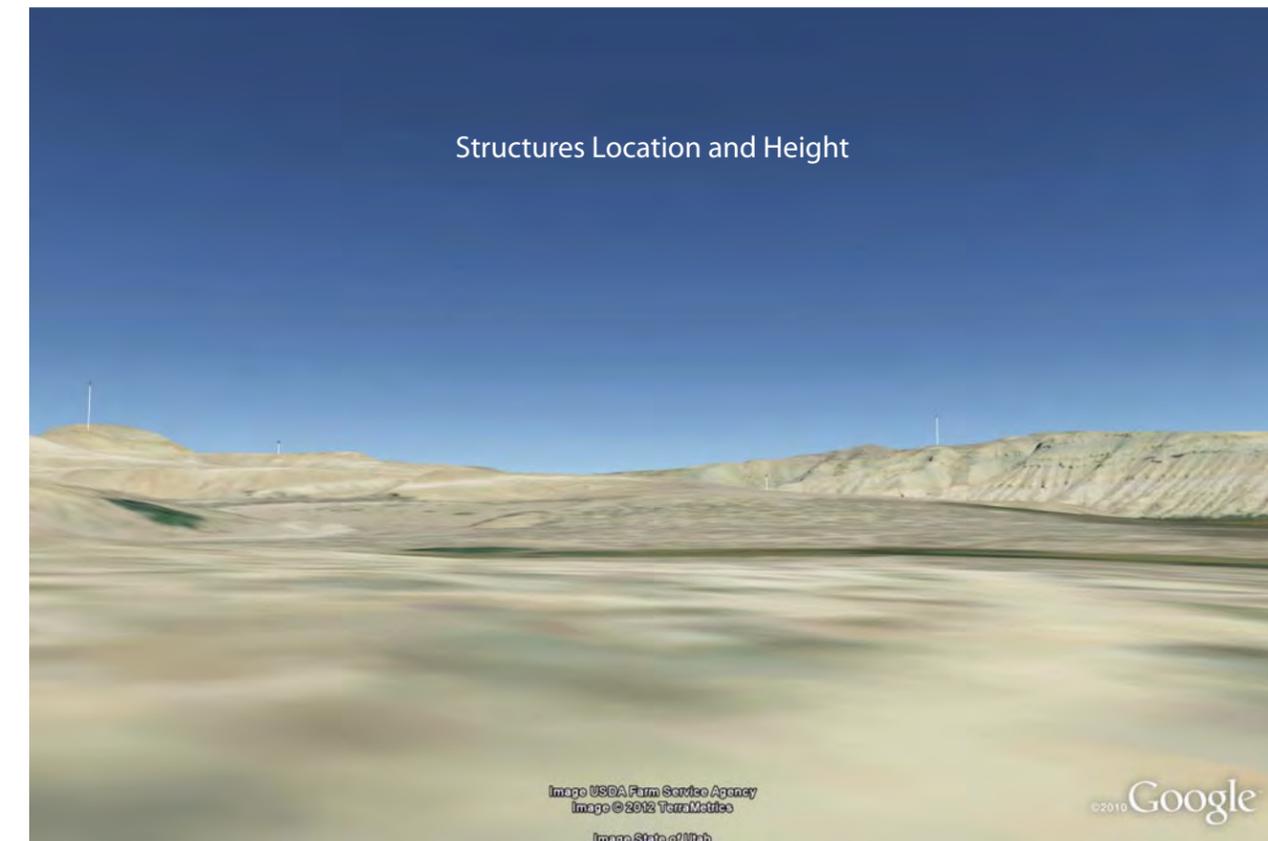
KOP V-38  
U.S. 40  
(Segment 1321)



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

Imago USDA Farm Service Agency  
Imago © 2012 TerraMetrics  
Imago 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 9/28/11

District **Vernal FO**

Resource Area

Activity (program)

---

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>Fourmile Bottom</u>	5. Location Sketch  Please see Figure 3.12-2
2. Key Observation Point V-43	Township <u>10S</u>	
3. VRM Class II	Range <u>19E</u> Section <u>19</u>	

---

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Bold, domed, rolling to rugged	Typically low except for scattered trees in riparian corridor	NA
LINE	Undulating, angular, diagonal, horizontal	Undulating and continuous in riparian corridor; weak and indistinct on hills	NA
COLOR	Tans, browns	Variety of greens, subtle tans	NA
TEXTURE	Medium to coarse grain	Fine to medium grain, dense in riparian corridor, sparse and random on hills	NA

---

**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 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 9/28/11  7/24/12
Line			X				X				X			
Color			X				X				X			
Texture		X					X			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.

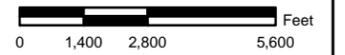
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



**TRANSWEST EXPRESS TRANSMISSION PROJECT**

**KOP V-43  
Fourmile Bottom  
(Segment 1217.01)**

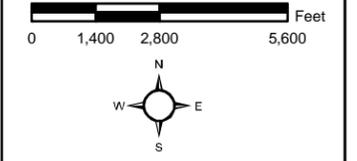




Project Location



KOP Location



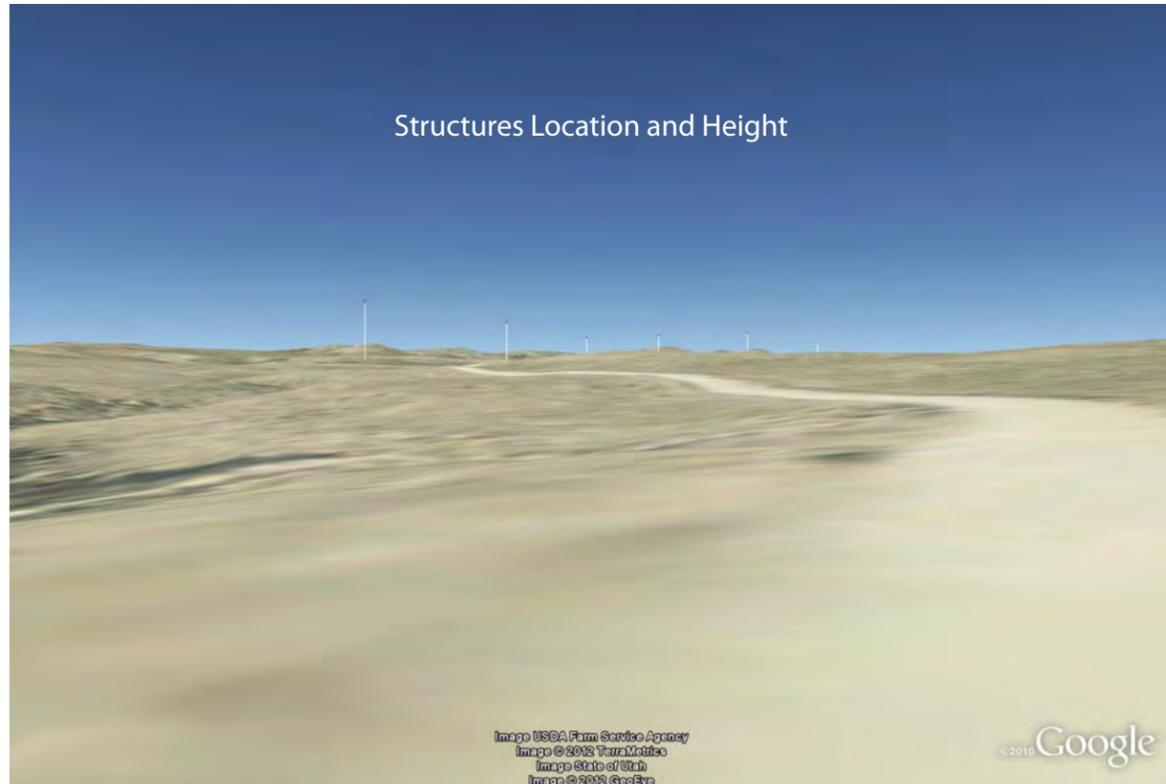
**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP V-43  
Simulated Condition  
(Segment 1217.01)





KOP Photograph



Structures Location and Height

Image USA 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 V-44

District Vernal FO

Resource Area \_\_\_\_\_

Activity (program) \_\_\_\_\_

---

**SECTION A. PROJECT INFORMATION**

<b>1. Project Name</b> TransWest Express	<b>4. Location</b> <u>Sand Wash</u> <u>North Destination Route</u> <u>Township 10S</u> <u>Range 17E</u> <u>Section 29</u>	<b>5. Location Sketch</b>  Please see Figure 3.12-2
---	---	---

---

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Flat/rolling, simple	Low, amorphous patches and stippled areas	NA
LINE	Horizontal, undulating	Diffuse and butt edges between shrubland and grasslands	NA
COLOR	Monotone, beige, tans	Subtle, greens/yellows	NA
TEXTURE	Fine to medium grain	Fine grain	NA

---

**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

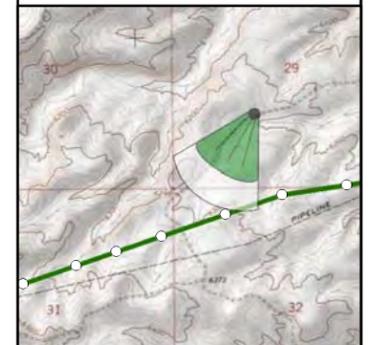
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input 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                      Date EPG    9/28/11 (Review and update as needed by M. Paulson)                      7/24/12	
Line				X					X	X				
Color				X					X	X				
Texture				X					X	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.

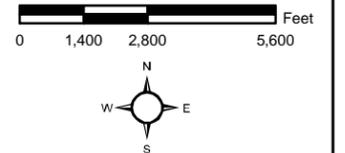
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



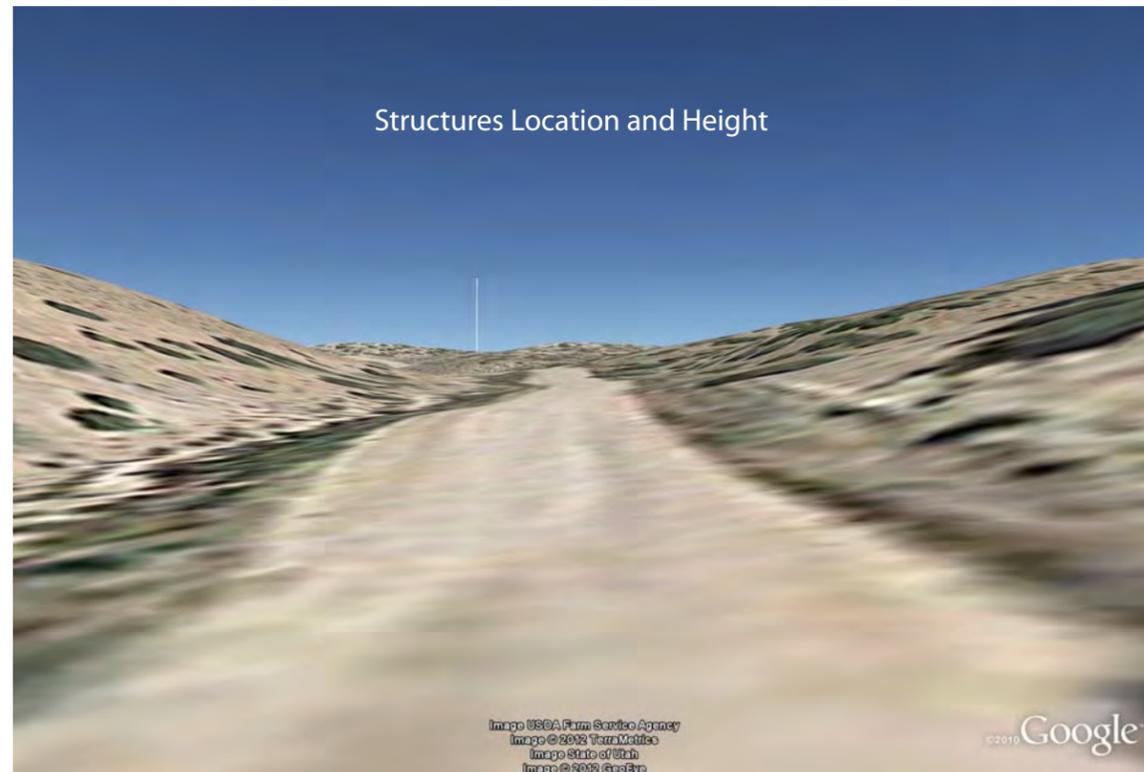
**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP V-44  
Sand Wash  
North Destination Route  
(Segment 1217.01)





KOP Photograph



Structures Location and Height

Image USA 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 9/28/11  
District Vernal FO  
Resource Area  
Activity (program)

---

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>Nine Mile Canyon Scenic Backway</u> Township <u>11S</u> Range <u>15E</u> Section <u>9</u>	5. Location Sketch Please see Figure 3.12-2
--------------------------------------	---	--

---

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Horizontal, rounded	Stippled, regular	NA
LINE	Continuous, horizontal, angular	Diffuse edges, continuous	NA
COLOR	Tans	Light tan (grasses), dark green (juniper)	NA
TEXTURE	Fine to medium grain	Medium grain, dense	NA

---

**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, butt edge	Vertical steel lattice structures, angular guys, and curvilinear conductions.
COLOR		Tans, grey-green	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 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) 7/24/12	Date 9/28/11
Line			x					x		x					
Color			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.

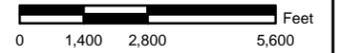
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP V-45  
Nine Mine Canyon  
Scenic Backway  
(Segment 1217.01)





Project Location



KOP Location



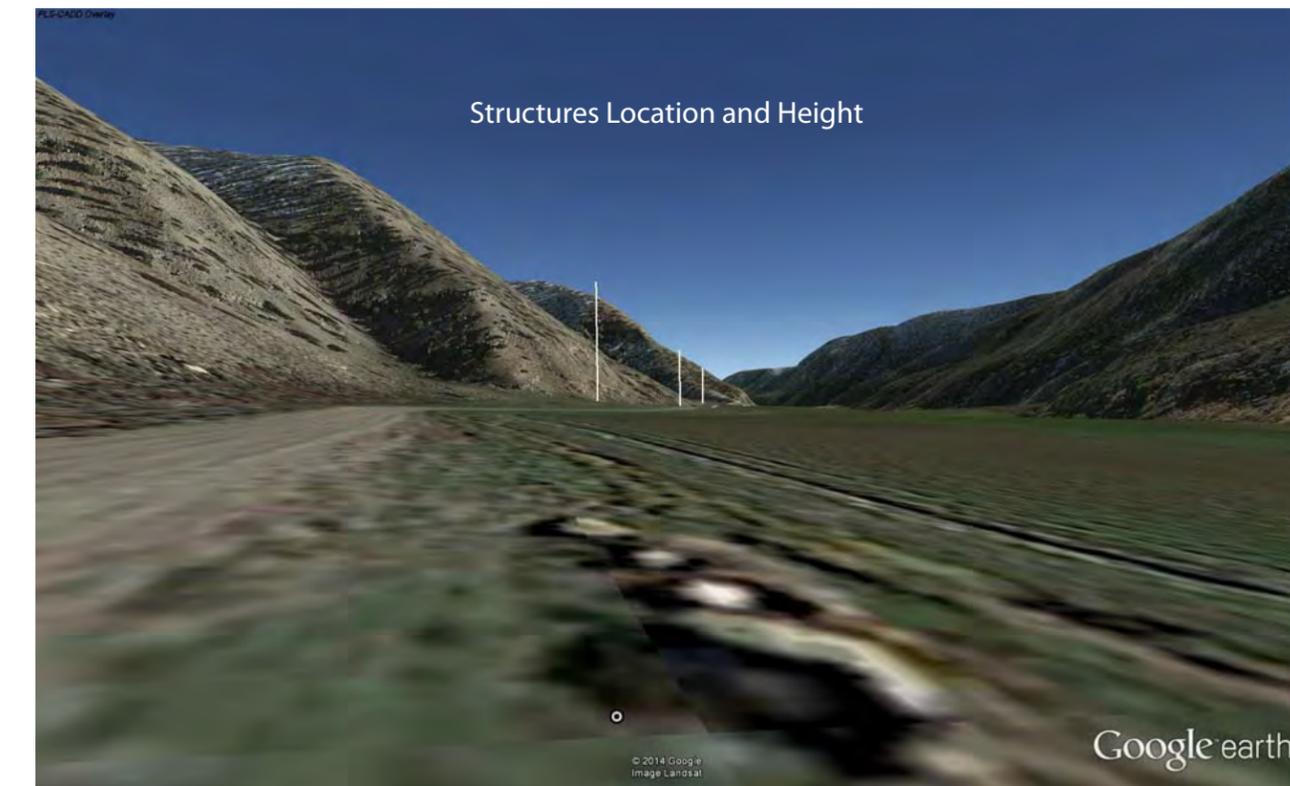
**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP V-45  
Simulated Condition  
(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 4/28/2014

District Vernal FO

Resource Area

Activity (program)

---

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>Argyle</u> Canyon Ranch Township <u>11S</u> Range <u>13E</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	V-shaped, bold, steep, level valley	Numerous, irregular	NA
LINE	Diagonal, angular, jagged, horizontal	Broken, flowing, angular	NA
COLOR	Tans and greys	Variety of greens, tans, little seasonal variation	NA
TEXTURE	Medium, granular, fine grain in valley	Random, scattered, fine to medium grain	NA

---

**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		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.

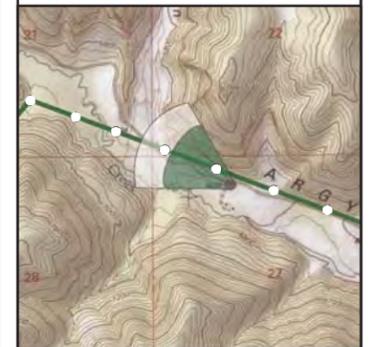
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**SECTION D. CONTRAST RATING**     SHORT TERM     LONG TERM

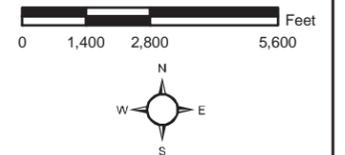
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <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 4/28/2014
Line						X					X			
Color											X			
Texture								X			X			



Project Location



KOP Location



**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP V-46  
Argyle Canyon Ranch  
(Segment 1217.01)



**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.

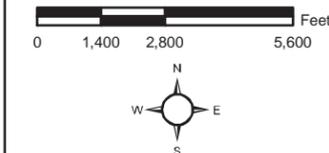
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



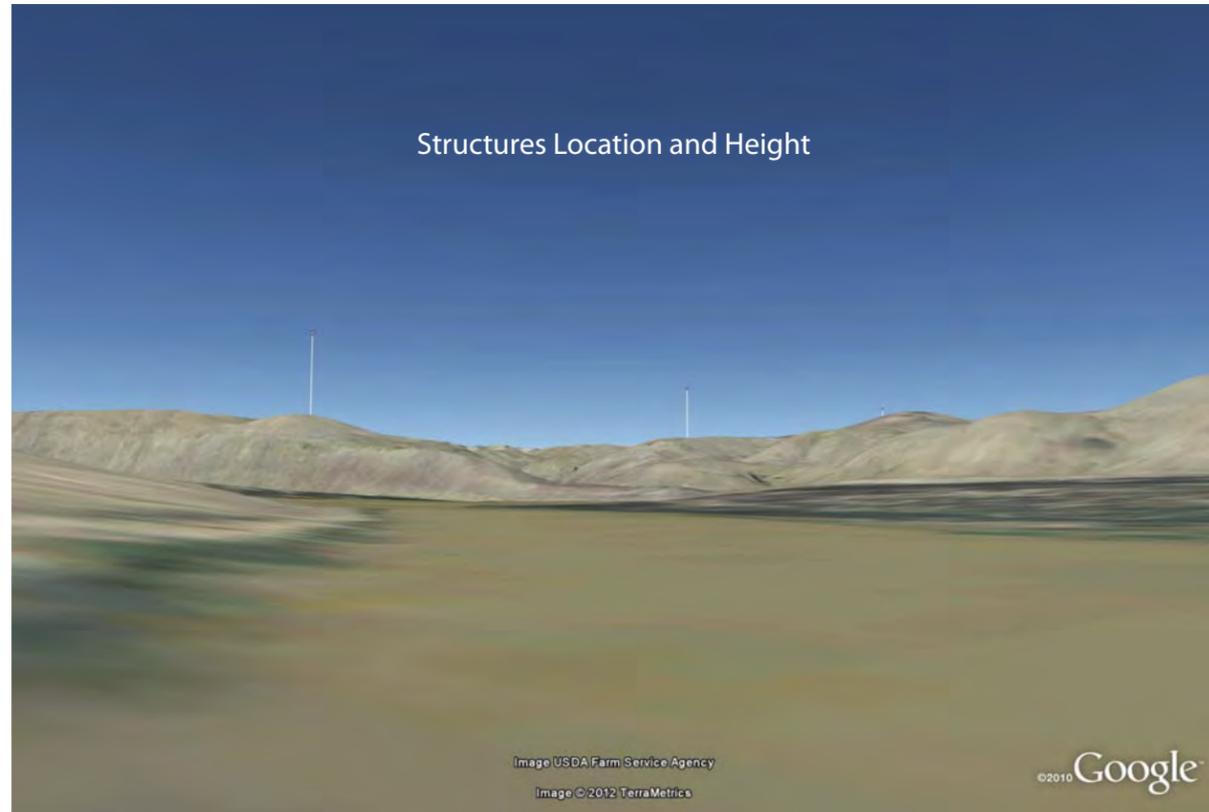
**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP V-46  
Simulated Condition  
(Segment 1217.01)





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 10/10/11

District **Vernal FO**

Resource Area \_\_\_\_\_

Activity (program) \_\_\_\_\_

---

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>Enron Rec. Area (on White River)</u>	5. Location Sketch Please see Figure 3.12-2
2. Key Observation Point V-47	Township <u>9S</u>	
3. VRM Class III	Range <u>22E</u>	
	Section <u>28</u>	

---

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Horizontal, rolling to steep	Band along riparian corridor, stippled canyon walls	Moderately tall, vertical, geometric, transparent (temporary)
LINE	Continuous, curving, flowing, horizontal, parallel	Butt edge between riparian vegetation and canyon wall	Vertical, complex (temporary)
COLOR	Reflective, grey-green, browns, reds	Variety of greens, tans	Gray (temporary)
TEXTURE	Fine, glossy, rippled, medium to coarse grain canyon walls	Medium to coarse grain	Coarse grain (temporary)

---

**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 conduction.
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					X		X				Evaluator's Names EPG  (Review and update as needed by M. Paulson)	Date 10/10/11  7/24/12
Line		X						X		X					
Color			X					X		X					
Texture		X						X		X					

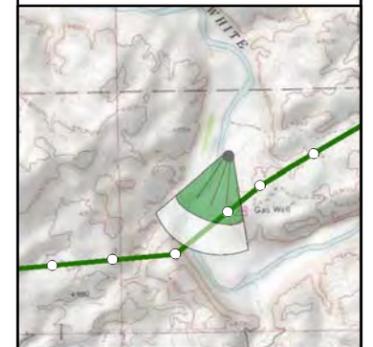
**Rationale:**

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.

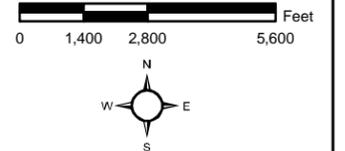
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP V-47  
Enron Recreation Area  
(on White River)  
(Segment 1217.01)

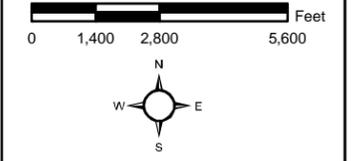




Project Location



KOP Location



**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP V-47  
Simulated Condition  
(Segment 1217.01)





Form 8400-4 (September 1985)

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

**VISUAL CONTRAST RATING WORKSHEET**

Date 9/28/11

District Vernal FO

Resource Area

Activity (program)

---

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>Bridgeland Residential</u>	5. Location Sketch Please see Figure 3.12-2
2. Key Observation Point V-48	Township <u>4S</u>	
3. VRM Class Private	Range <u>3W</u>	
	Section <u>4</u>	

---

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Flat, indistinct	Amorphous, irregular	Moderately tall, vertical, geometric
LINE	Horizontal, curving	Butt edge between riparian vegetation and agricultural fields	Angular, concave, horizontal
COLOR	Tans, greys	Variety of greens (deep greens, sage greens, medium greens) and tans	Gray, brown
TEXTURE	Fine grain	Fine to medium grain	Coarse grain, sparse density, matted, uniform, ordered

---

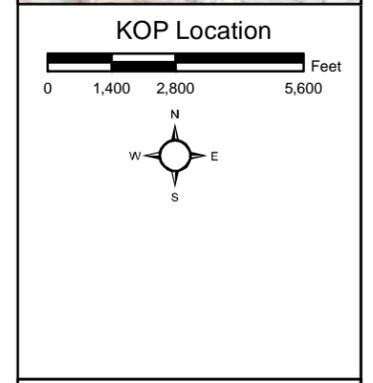
**SECTION C. PROPOSED ACTIVITY DESCRIPTION**

	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				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			



**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP V-48  
Bridgeland  
Residential  
(Segment 1325.1)

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



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

**VISUAL CONTRAST RATING WORKSHEET**

Date 9/28/11

District Vernal FO

Resource Area

Activity (program)

---

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>US-40 South of Bridgeland</u>	5. Location Sketch Please see Figure 3.12-2
2. Key Observation Point V-49	Township <u>4S</u>	
3. VRM Class Private	Range <u>3W</u>	
	Section <u>8</u>	

---

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Flat/rolling, rounded	Los, amorphous patches and stippled areas	Moderately tall, vertical, geometric areas
LINE	Horizontal, undulating, continuous	Weak indistinct and diffuse edges	Angular, concave, horizontal
COLOR	Beige, tans	Subtle, greens, tans, bright greens along riparian corridor	Brown
TEXTURE		Fine to medium grain	Medium grain, medium density, matted, uniform, ordered

---

**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 conduction.
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

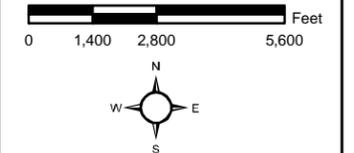
Elements	DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (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		Evaluator's Names EPG (Review and update as needed by M. Paulson)	Date 9/28/11  7/24/12
Line			x										x			
Color				x									x			
Texture				x									x			



Project Location



KOP Location



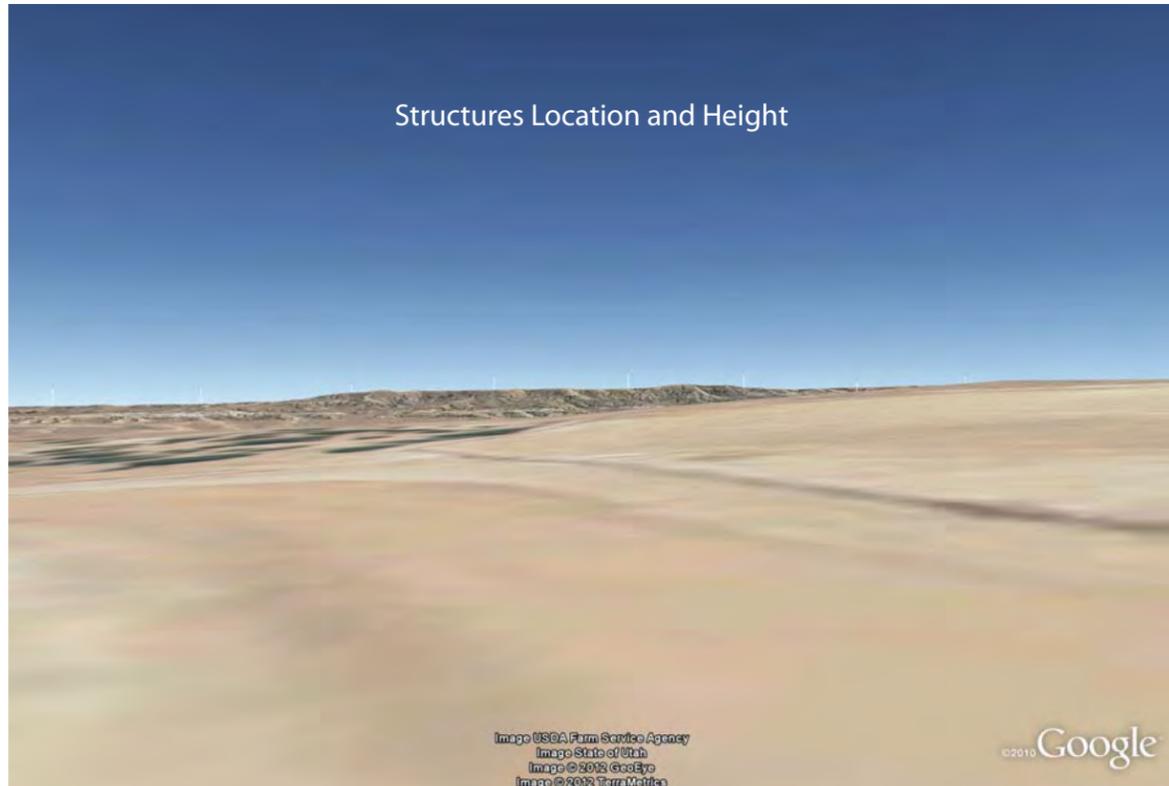
**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP V-49  
U.S. Hwy 40  
(South of Bridgeland)  
(Segment 1325.1)





KOP Photograph



Structures Location and Height

Image USDA Farm Service Agency  
Image State of Utah  
Image © 2012 GeoEye  
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 5/21/09

District Vernal FO

Resource Area \_\_\_\_\_

Activity (program) \_\_\_\_\_

---

**SECTION A. PROJECT INFORMATION**

1. Project Name <u>TransWest Express</u>	4. Location <u>Dispersed</u> <u>Residences S of Duchesne</u>	5. Location Sketch <u>Please see Figure 3.12-2</u>
2. Key Observation Point <u>V-50</u>	Township <u>4S</u>	
3. VRM Class <u>Private</u>	Range <u>4W</u>	
	Section <u>20</u>	

---

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Horizontal, rounded	Amorphous patches	Moderately tall, vertical, geometric
LINE	Continuous, horizontal	Diffuse to butt edges from juniper stands	Complex, angular, concave, horizontal
COLOR	Tans	Light tan (grasses), dark green (juniper)	Brown
TEXTURE	Fine to medium	Fine to patchy, coarse	Fine grain, sparse density, matted, uniform, ordered

---

**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.

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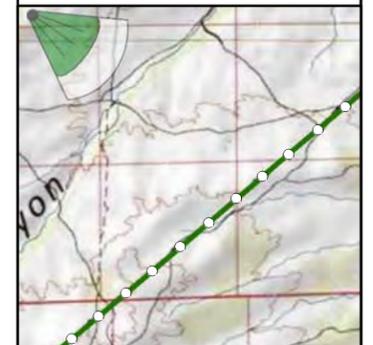
**SECTION D. CONTRAST RATING**     SHORT TERM     LONG TERM

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 _____ Date _____ EPG _____ (Review and update as needed by M. Paulson) _____ 7/24/12	
Line			x				x			x				
Color			x				x				x			
Texture			x				x				x			

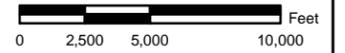
Rationale:  
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



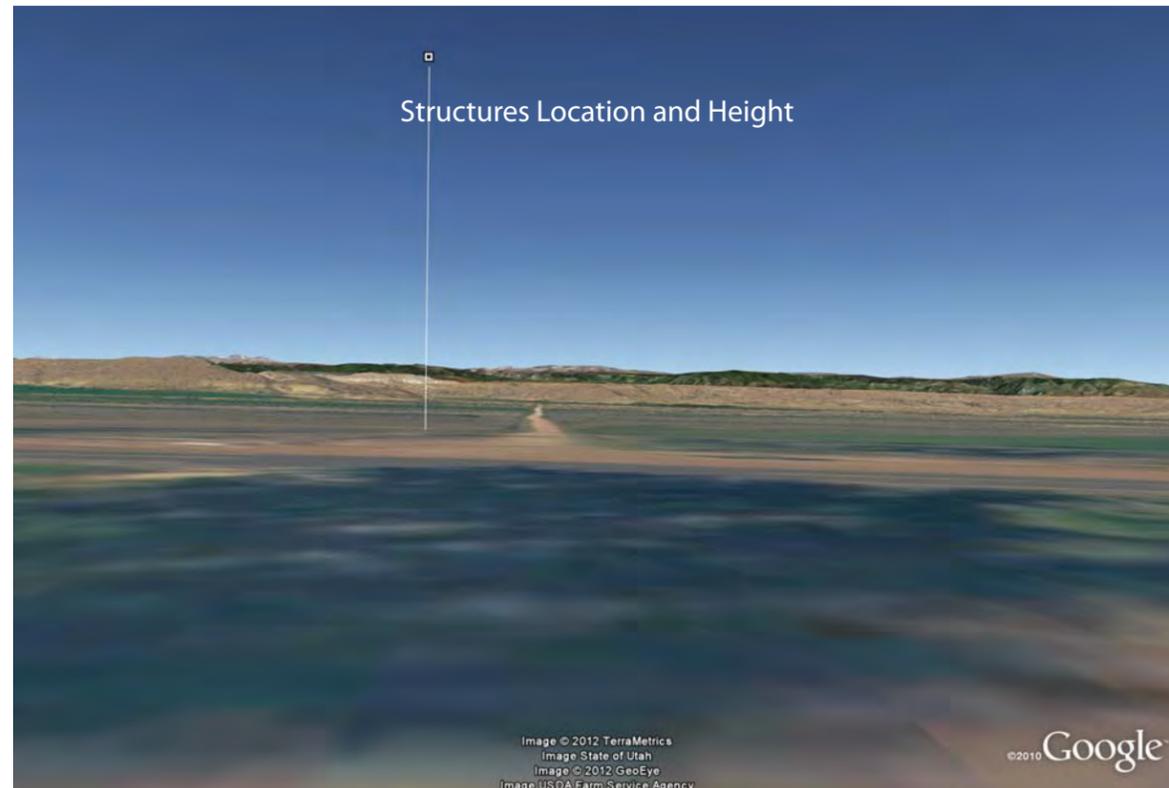
**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP V-50  
Dispersed Residences  
South of Duchesne  
(Segment 1325.1)





KOP Photograph



Structures Location and Height

Image © 2012 TerraMetrics  
Image State of Utah  
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 9/29/11  
District Vernal FO  
Resource Area  
Activity (program)

---

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location_loka Residential	5. Location Sketch Please see Figure 3.12-2
2. Key Observation Point V-51	Township 3S	
3. VRM Class Private	Range 2W Section 5	

---

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Flat, horizontal, slightly rolling, plateaus	Low and flat to tall, vertical	Tall, vertical, geometric, transparent
LINE	Weak, horizontal	Regular, vertical, horizontal, butt edges	Complex, angular, concave, horizontal
COLOR	Browns, reds	Vivid greens, tans	Reflective, grey
TEXTURE	Fine grain, smooth	Fine grained grasslands; dense, medium grained trees	Medium grain, sparse density, matted, uniform, ordered

---

**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 conduction.
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		x				x				Evaluator's Names EPG (Review and update as needed by M. Paulson)	Date 9/29/11  7/24/12
Line			x								x			
Color			x				x				x			
Texture			x				x				x			

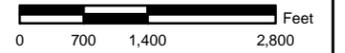
Rationale:  
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP V-51  
Ioka Residential  
(Segment 1320.05)







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 4/28/2014  
 District Vernal FO  
 Resource Area  
 Activity (program)

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location US-191 (SB) and Argyle Canyon Rd. Township 11S Range 10W Section 12	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	V-shaped, bold, steep, level valley.	Blanket of spruce/fir and scattered aspen.	Planar, US-191.
LINE	Diagonal, angular, jagged, horizontal.	Irregular and organic clumps.	Curvilinear, US-191.
COLOR	Tans, beiges.	Dark to light greens and seasonal yellow/golds.	Grays, US-191.
TEXTURE	Medium, granular, fine grain in valley.	Coarse to medium.	Fine, US-191.

**SECTION C. PROPOSED ACTIVITY DESCRIPTION**

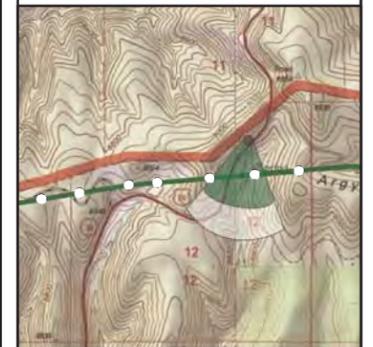
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, self-supporting structures, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.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

**SECTION D. CONTRAST RATING**  SHORT TERM  LONG TERM

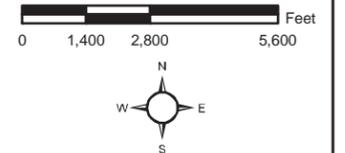
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input checked="" 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 4/28/201
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.

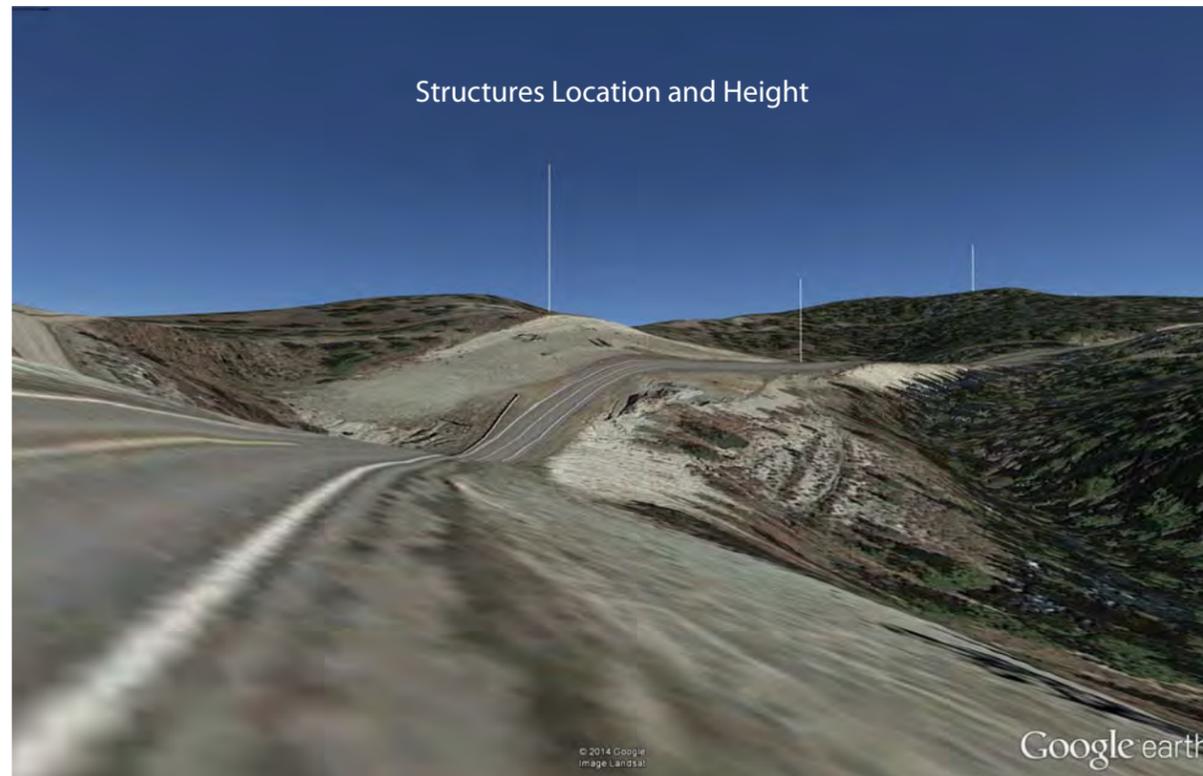
**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP V-53  
US-191 (SB)  
and Argyle Canyon Road  
(Segment 1219.2)





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 4/28/2014

District **Vernal FO**

Resource Area

Activity (program)

---

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>US-191 (NB)</u> Township <u>11S</u> Range <u>10W</u> Section <u>12</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	V-shaped, bold, steep, level valley.	Blanket of spruce/fir and scattered aspen.	Planar, US-191.
LINE	Diagonal, angular, jagged, horizontal.	Irregular and organic clumps.	Curvilinear, US-191.
COLOR	Tans, beiges.	Dark to light greens and seasonal yellow/golds.	Grays, US-191.
TEXTURE	Medium, granular, fine grain in valley.	Coarse to medium.	Fine, US-191.

---

**SECTION C. PROPOSED ACTIVITY DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, self-supporting structures, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductions.
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 checked="" 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 4/28/14	
Line										X				
Color										X				
Texture										X				

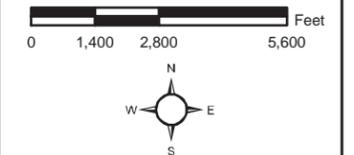
Rationale:  
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



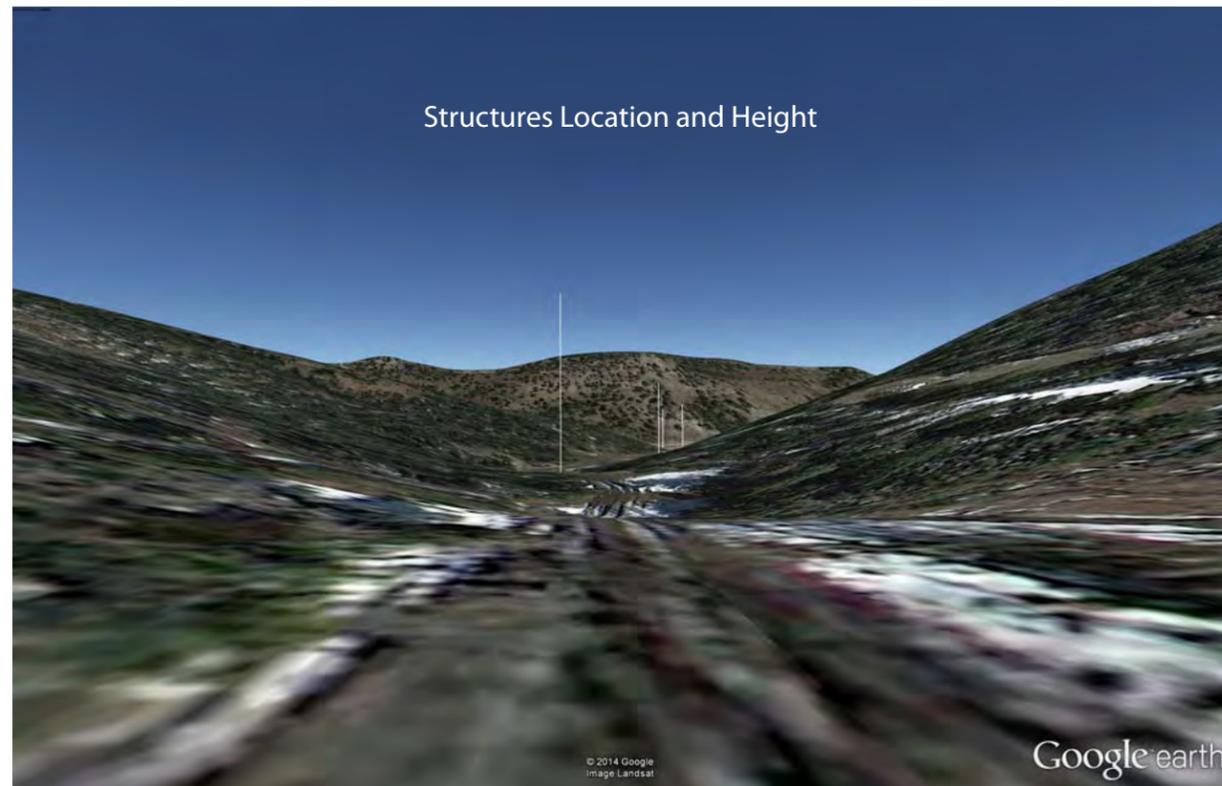
**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP V-54  
US-191  
(northbound)  
(Segment 1219.2)





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 10/12/2014

District Vernal FO

Resource Area

Activity (program)

---

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>Timberlane</u> Road (NB) Township <u>11S</u> Range <u>11E</u> Section <u>7</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	V-shaped, bold, steep, level valley.	Numerous, irregular aspen and spruce forest.	Planar, Timberlane Road.
LINE	Diagonal, angular, jagged, horizontal.	Butt and diffuse edges and numerous, irregular aspen and spruce forest.	Curvilinear, Timberlane Road.
COLOR	Tans, beiges.	Variety of greens, tans, little seasonal variation. Numerous, irregular aspen and spruce forest.	Grays, Timberlane Road.
TEXTURE	Medium, granular, fine grain in valley.	Random, scattered, fine to medium grain. Numerous, irregular aspen and spruce forest.	Fine, Timberlane Road.

---

**SECTION C. PROPOSED ACTIVITY DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Planar ROW clearing of aspen and spruce forest.	Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Horizontal and vertical lines of ROW clearing.	Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Grass greens and tans to browns of ROW.	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 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	Evaluator's Names M. Paulson  Date 10/12/14
Line													x	
Color													x	
Texture													x	

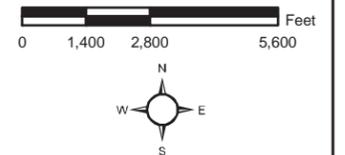
Rationale:  
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP V-55  
Timberlane Road  
(northbound)  
(Segment 1219.2)





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 4/28/2014

District **Vernal FO**

Resource Area

Activity (program)

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**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express  2. Key Observation Point V-56  3. VRM Class Class III	4. Location <u>Reservation</u> <u>Ridge Road (WB)</u> Township <u>7S</u> Range <u>8W</u> Section <u>16</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	V-shaped, bold, steep, level valley.	Blanket of spruce/fir and scattered aspen.	Planar, Reservation Ridge Road.
LINE	Diagonal, angular, jagged, horizontal.	Irregular and organic clumps.	Curvilinear, Reservation Ridge Road.
COLOR	Tans, beiges.	Dark to light greens and seasonal yellow/golds.	Grays, Reservation Ridge Road.
TEXTURE	Medium, granular, fine grain in valley.	Coarse to medium.	Fine, Reservation Ridge Road.

---

**SECTION C. PROPOSED ACTIVITY DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Planar ROW clearing of aspen and spruce forest.	Pyramidal steel lattice structures and guys, self-supporting structures, and tubular conductors.
LINE		Horizontal and vertical lines of ROW clearing.	Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Grass greens and tans to browns of ROW.	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 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 checked="" 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 4/28/2014	
Line					x				x					
Color					x					x				
Texture						x				x				

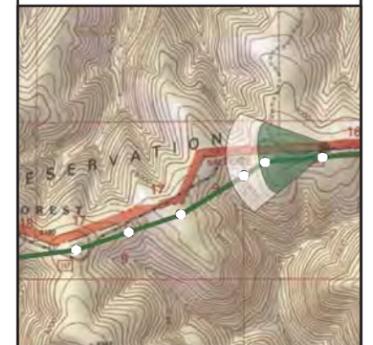
**Rationale:**

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.

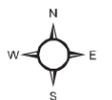
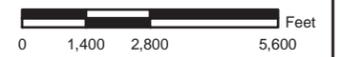
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



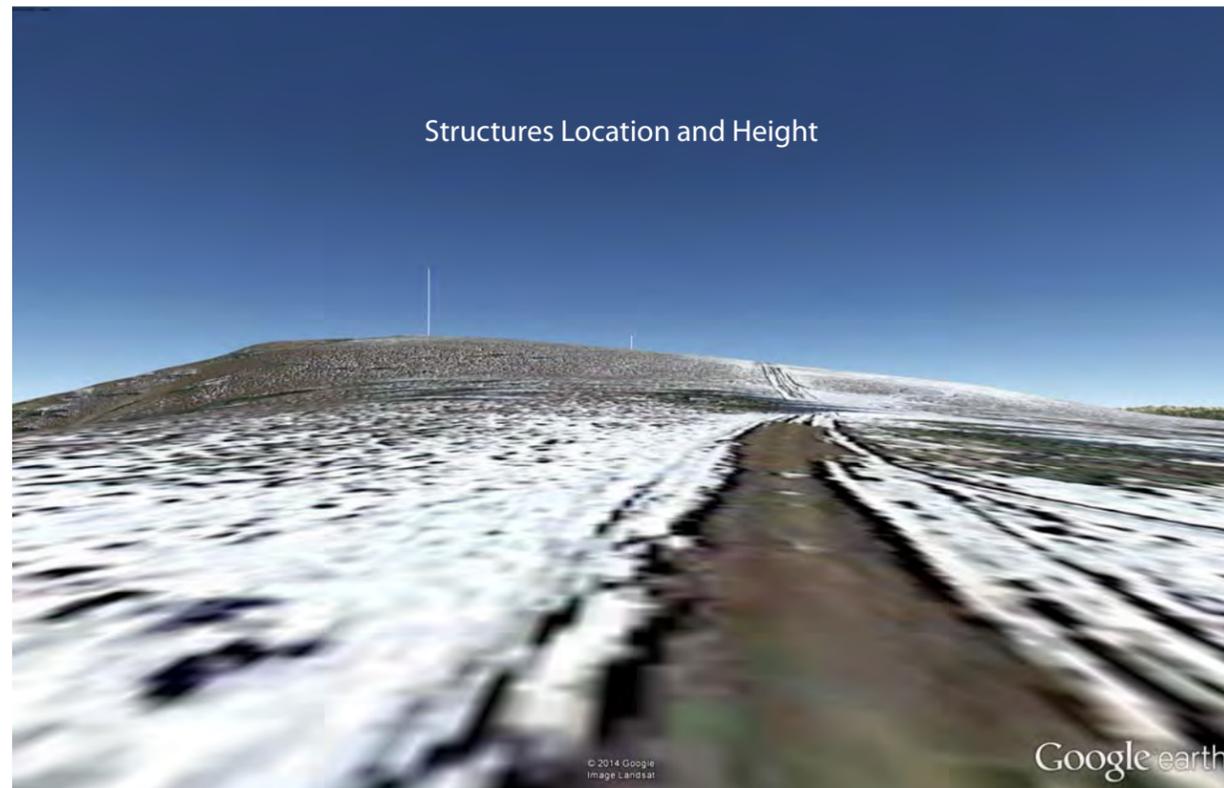
**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP V-56  
Reservation Ridge Road  
(westbound)  
(Segment 1219.2)





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 4/28/2014

District Vernal FO

Resource Area \_\_\_\_\_

Activity (program) \_\_\_\_\_

---

**SECTION A. PROJECT INFORMATION**

1. Project Name <b>TransWest Express</b>	4. Location <u>Reservation</u> <u>Ridge Road (WB)</u>	5. Location Sketch  Please see Figure 3.12-2
2. Key Observation Point <b>V-58</b>	Township <u>11S</u>	
3. VRM Class <b>Class III</b>	Range <u>9E</u>	
	Section <u>11</u>	

---

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	V-shaped, bold, steep, level valley.	Blanket of spruce/fir and scattered aspen.	Planar, Reservation Ridge Road.
LINE	Diagonal, angular, jagged, horizontal.	Irregular and organic clumps.	Curvilinear, Reservation Ridge Road.
COLOR	Tans, beiges.	Dark to light greens and seasonal yellow/golds.	Grays, Reservation Ridge Road.
TEXTURE	Medium, granular, fine grain in valley.	Coarse to medium.	Fine, Reservation Ridge Road.

---

**SECTION C. PROPOSED ACTIVITY DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Planar ROW clearing of aspen and spruce forest.	Pyramidal steel lattice structures and guys, self-supporting structures, and tubular conductors.
LINE		Horizontal and vertical lines of ROW clearing.	Vertical steel lattice structures, angular guys, and curvilinear conductions.
COLOR		Grass greens and tans to browns of ROW.	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 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 checked="" 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 4/28/2014	
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.

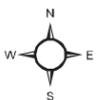
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



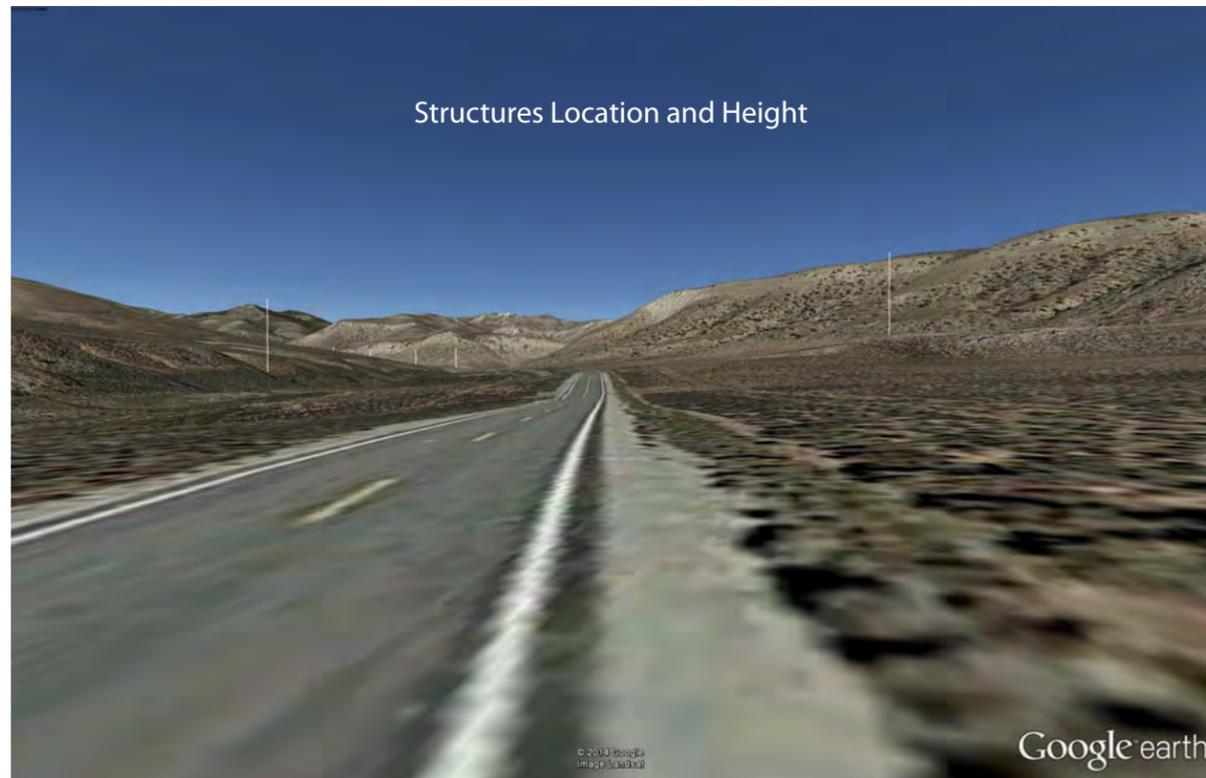
**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP V-58  
Reservation Ridge Road  
(westbound)  
(Segment 1219.2)





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 4/28/2014

District Vernal FO

Resource Area \_\_\_\_\_

Activity (program) \_\_\_\_\_

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**SECTION A. PROJECT INFORMATION**

1. Project Name <u>TransWest Express</u>	4. Location <u>US-191 (NB)</u> Township <u>11S</u> Range <u>10E</u> Section <u>35</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	V-shaped, bold, steep, level valley.	Numerous, irregular.	
LINE	Diagonal, angular, jagged, horizontal.	Butt and diffuse edges.	
COLOR	Tans, beiges.	Variety of greens, tans, little seasonal variation.	
TEXTURE	Medium, granular, fine grain in valley.	Random, scattered, fine to medium grain.	

---

**SECTION C. PROPOSED ACTIVITY DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, self-supporting structures, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, self-supporting structures, 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 checked="" type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form													x	Evaluator's Names: <u>M. Paulson</u> Date: <u>4/28/14</u>
Line													x	
Color													x	
Texture													x	

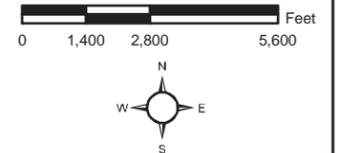
Rationale:  
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



**TRANSWEST EXPRESS TRANSMISSION PROJECT**

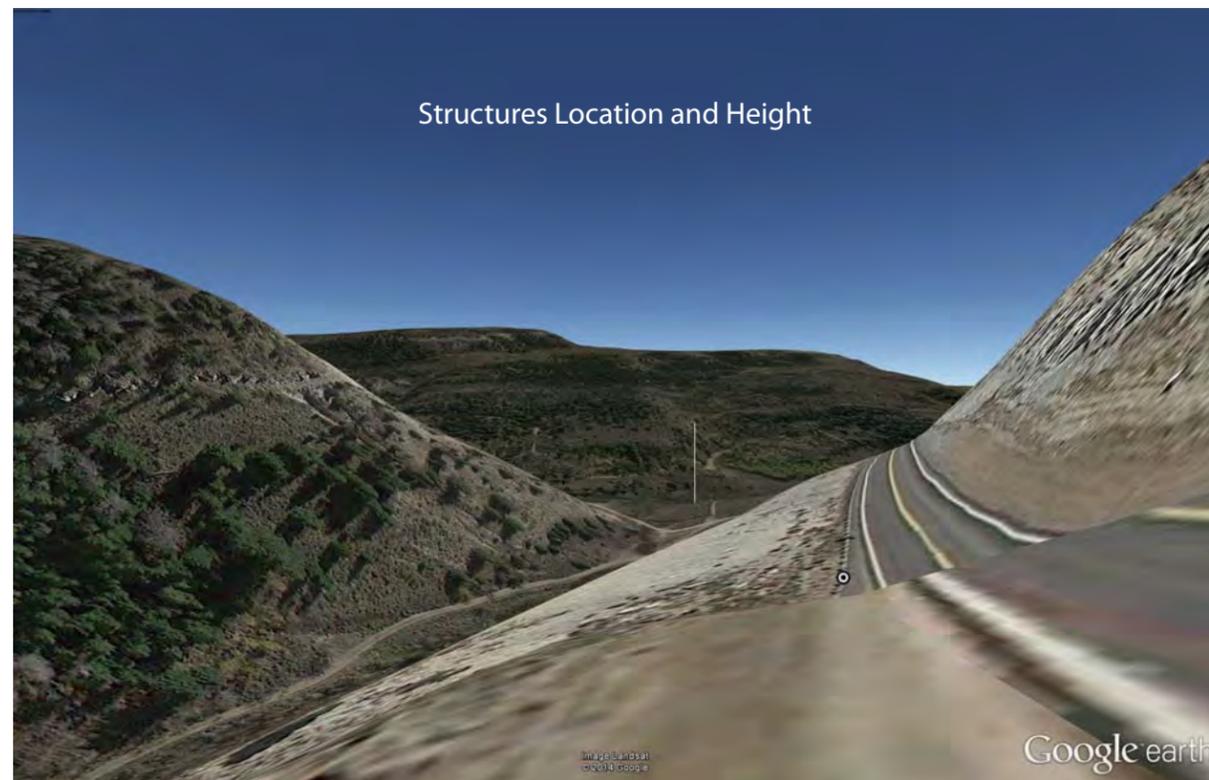
KOP V-59  
US-191  
(northbound)  
(Segment 1217.051)



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 4/28/2014

District **Vernal FO**

Resource Area

Activity (program)

---

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location Reservation Ridge Road (WB)	5. Location Sketch Please see Figure 3.12-2
2. Key Observation Point V-60	Township 11S	
3. VRM Class III	Range 10E	
	Section 23	

---

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	V-shaped, bold, steep, level valley.	Blanket of spruce/fir and scattered aspen.	Planar, Reservation Ridge Road.
LINE	Diagonal, angular, jagged, horizontal.	Irregular and organic clumps.	Curvilinear, Reservation Ridge Road.
COLOR	Tans, beiges.	Dark to light greens and seasonal yellow/golds.	Grays, Reservation Ridge Road.
TEXTURE	Medium, granular, fine grain in valley.	Coarse to medium.	Fine, Reservation Ridge Road.

---

**SECTION C. PROPOSED ACTIVITY DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Planar ROW clearing of aspen and spruce forest.	Pyramidal steel lattice structures and guys, self-supporting structures, and tubular conductors.
LINE		Horizontal and vertical lines of ROW clearing.	Vertical steel lattice structures, angular guys, and curvilinear conductions.
COLOR		Grass greens and tans to browns of ROW.	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 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 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 M. Paulson	Date 4/28/2014
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.

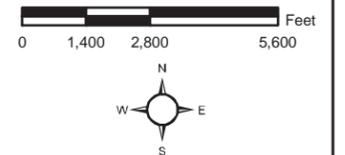
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP V-60  
Reservation Ridge Road  
(westbound)  
(Segment 1219.6)





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 Vernal FO

Resource Area \_\_\_\_\_

Activity (program) \_\_\_\_\_

---

**SECTION A. PROJECT INFORMATION**

1. Project Name <u>TransWest Express</u>	4. Location <u>Timberlane Road (WB)</u>	5. Location Sketch  Please see Figure 3.12-2
2. Key Observation Point <u>V-61</u>	Township <u>7S</u>	
3. VRM Class <u>Private</u>	Range <u>9W</u>	
	Section <u>13</u>	

---

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	V-shaped, bold, steep, level valley.	Numerous, irregular.	Planar, Timberlane Road.
LINE	Diagonal, angular, jagged, horizontal.	Butt and diffuse edges.	Curvilinear, Timberlane Road.
COLOR	Tans, beiges.	Variety of greens, tans, little seasonal variation.	Tans, Timberlane Road.
TEXTURE	Medium, granular, fine grain in valley.	Random, scattered, fine to medium grain.	Fine, Timberlane Road.

---

**SECTION C. PROPOSED ACTIVITY DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Planar ROW clearing of spruce forest.	Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Horizontal and vertical lines of ROW clearing.	Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Grass greens and tans to browns of ROW.	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 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				Evaluator's Names M. Paulson	Date 04/28/14
Line					X				X					
Color						X				X				
Texture						X				X				

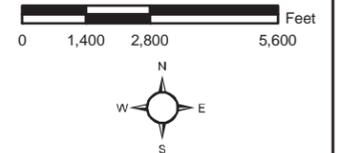
Rationale:  
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



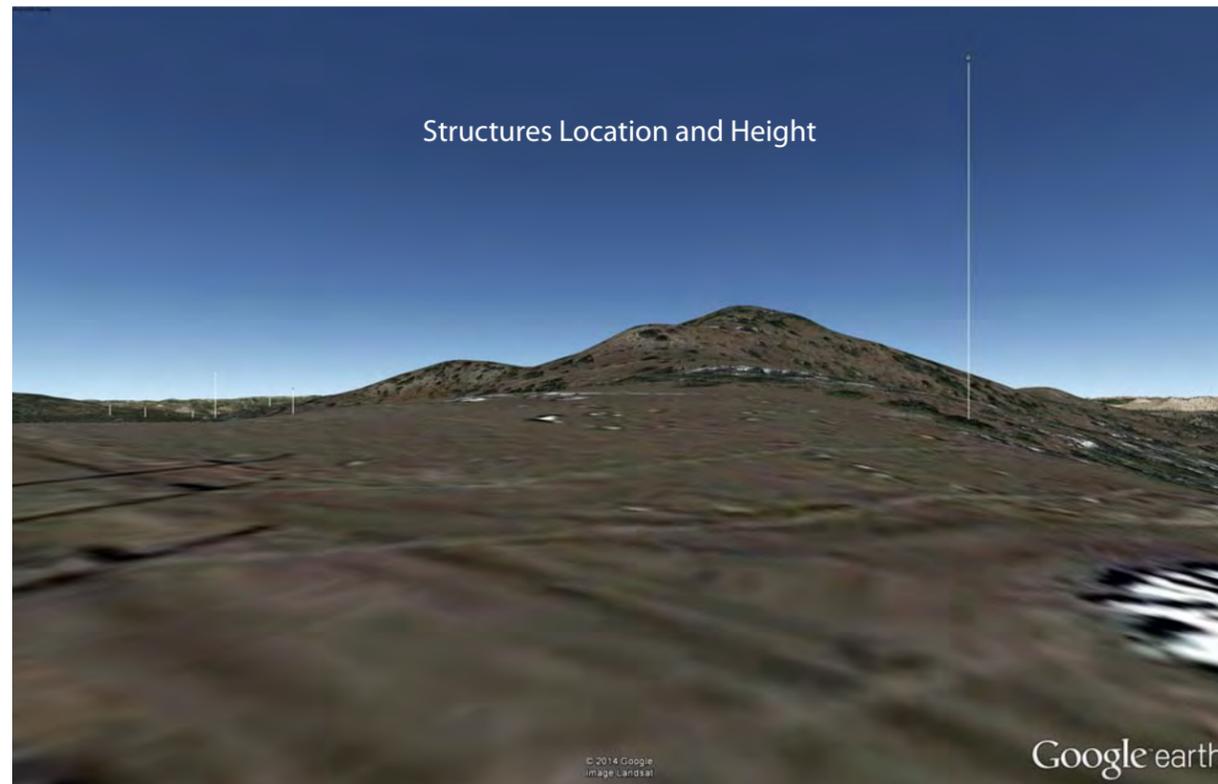
**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP V-61  
Timberlane Road  
(westbound)  
(Segment 1219.2)





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 4/28/2014

District Vernal FO

Resource Area

Activity (program)

---

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>Reservation</u> <u>Ridge Road (WB)</u> <u>Township 11S</u> <u>Range 10E</u> <u>Section 17</u>	5. Location Sketch  Please see Figure 3.12-2
--------------------------------------	--	--

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	V-shaped, bold, steep, level valley.	Blanket of spruce/fir and scattered aspen.	Planar, Reservation Ridge Road.
LINE	Diagonal, angular, jagged, horizontal.	Irregular and organic clumps.	Curvilinear, Reservation Ridge Road.
COLOR	Tans, beiges.	Dark to light greens and seasonal yellow/golds.	Grays, Reservation Ridge Road.
TEXTURE	Medium, granular, fine grain in valley.	Coarse to medium.	Fine, Reservation Ridge Road.

**SECTION C. PROPOSED ACTIVITY DESCRIPTION**

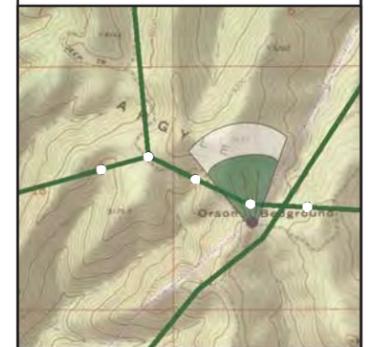
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Planar ROW clearing of aspen and spruce forest.	Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Horizontal and vertical lines of ROW clearing.	Vertical steel lattice structures, angular guys, and curvilinear conductions.
COLOR		Grass greens and tans to browns of ROW.	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

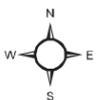
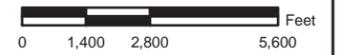
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (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				Evaluator's Names M. Paulson	Date 4/28/14
Line					X				X					
Color					X				X					
Texture					X				X					



Project Location



KOP Location



**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP V-62  
Reservation Ridge Road  
(westbound)  
(Segment 1325.2)





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 04/28/2014

District Vernal FO

Resource Area

Activity (program)

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**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>Timberlane Road (EB)</u>	5. Location Sketch Please see Figure 3.12-2
2. Key Observation Point V-63	Township <u>11S</u>	
3. VRM Class Private	Range <u>11E</u>	
	Section <u>17</u>	

---

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	V-shaped, bold, steep, level valley.	Blanket of spruce/fir and scattered aspen.	Planar, Timberlane Road.
LINE	Diagonal, angular, jagged, horizontal.	Irregular and organic clumps.	Curvilinear, Timberlane Road. Horizontal and Vertical H-frames.
COLOR	Tans, beiges.	Dark to light greens and seasonal yellow/golds.	Tans, Timberlane Road. Brown H-frame.
TEXTURE	Medium, granular, fine grain in valley.	Coarse to medium.	Fine, Timberlane Road. H-frame.

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**SECTION C. PROPOSED ACTIVITY DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Planar ROW clearing of spruce forest.	Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Horizontal and vertical lines of ROW clearing.	Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Grass greens and tans to browns of ROW.	Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE		Smooth ROW clearing.	Coarse steel lattice structures, and smooth guys and conductors.

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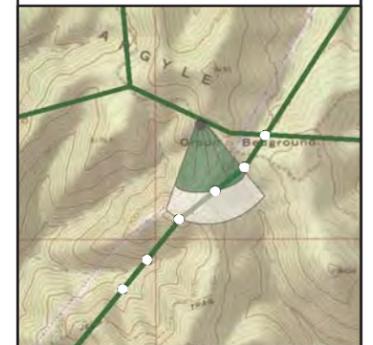
**SECTION D. CONTRAST RATING**     SHORT TERM     LONG TERM

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 checked="" 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 04/28/14
Line					X				X					
Color					X						X			
Texture						X					X			

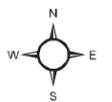
Rationale:  
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



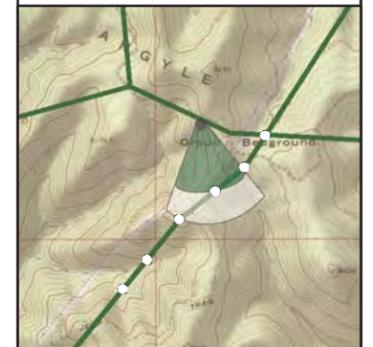
**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP V-63  
Timberlane Road  
(eastbound)  
(Segment 1219.1)

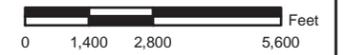




Project Location



KOP Location



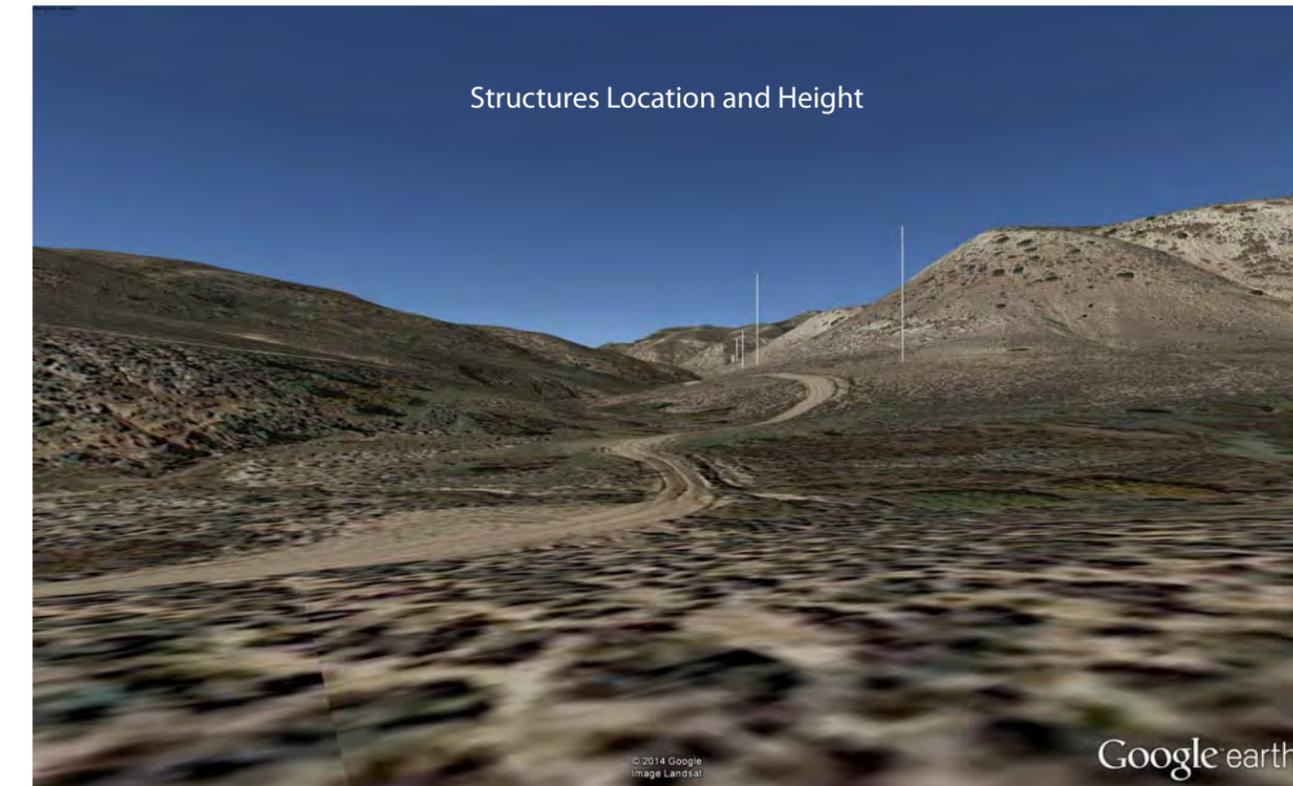
**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP V-63  
Simulated Condition  
(Segment 1219.1)





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 4/28/2014

District Vernal FO

Resource Area

Activity (program)

---

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>Sowers Canyon Road</u> <u>Township 11S</u> <u>Range 10E</u> <u>Section 27</u>	5. Location Sketch  Please see Figure 3.12-2
2. Key Observation Point V-64		
3. VRM Class State of Utah		

---

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	V-shaped, bold, steep.	Numerous, irregular.	
LINE	Diagonal, angular, jagged, horizontal.	Butt and diffuse edges.	
COLOR	Tans, beiges.	Variety of greens, tans, little seasonal variation.	
TEXTURE	Medium, granular, fine grain in valley.	Random, scattered, fine to medium grain.	

---

**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 and vertical ROW clearing.	Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Green and brown grass edges in ROW.	Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE		Smooth ROW.	Coarse steel lattice structures, and smooth guys and conductors.

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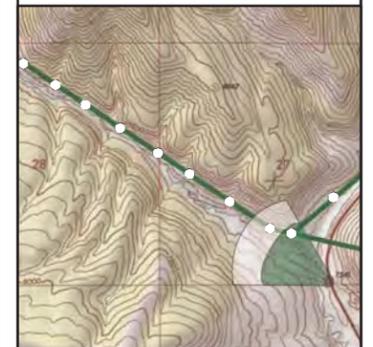
**SECTION D. CONTRAST RATING**     SHORT TERM     LONG TERM

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 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														Evaluator's Names M. Paulson	Date 4/28/14
Line															
Color															
Texture															

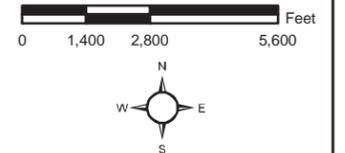
Rationale:  
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP V-64  
Sowers Canyon Road  
(Segment 1219.45)





Project Location



KOP Location



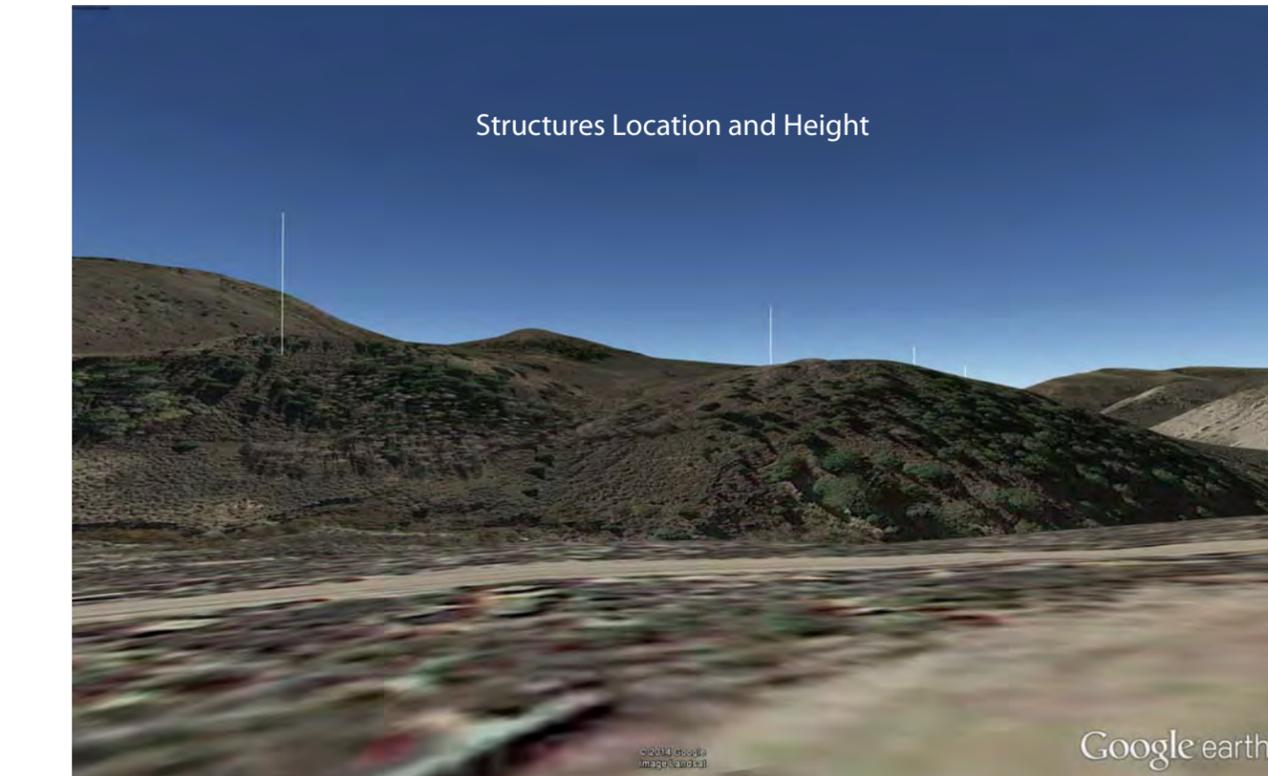
**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP V-64  
Simulated Condition  
(Segment 1219.45)





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 4/28/2014

District Vernal FO

Resource Area \_\_\_\_\_

Activity (program) \_\_\_\_\_

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**SECTION A. PROJECT INFORMATION**

1. Project Name <u>TransWest Express</u>	4. Location_US-191 (SB) <u>Township 11S</u> <u>Range 10E</u> <u>Section 23</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	V-shaped, bold, steep, level valley.	Blanket of spruce/fir and scattered aspen.	Planar, US-191.
LINE	Diagonal, angular, jagged, horizontal.	Irregular and organic clumps.	Curvilinear, US-191.
COLOR	Tans, beiges.	Dark to light greens and seasonal yellow/golds.	Grays, US-191.
TEXTURE	Medium, granular, fine grain in valley.	Coarse to medium.	Fine, US-191.

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**SECTION C. PROPOSED ACTIVITY DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, self-supporting structures, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductions.
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 checked="" 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 4/28/2014
Line											X			
Color											X			
Texture											X			

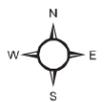
Rationale:  
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

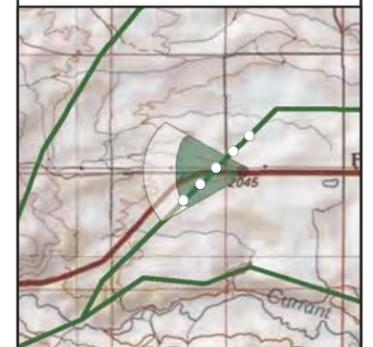
KOP V-65  
US-191  
(southbound)  
(Segment 1219.6)



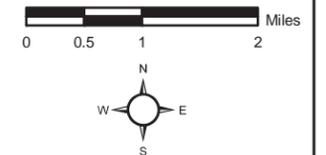




Project Location



KOP Location



**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP V-66  
Simulated Condition  
(Segment 1322.22)





Form 8400-4 (September 1985)

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

**VISUAL CONTRAST RATING WORKSHEET**

Date 10/17/2014

District Vernal FO

Resource Area

Activity (program)

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**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>Fruitland</u> <u>4500W Road (nb)</u> <u>Township_3S</u> <u>Range_9W</u> <u>Section_13</u>	5. Location Sketch Please see Figure 3.12-2
2. Key Observation Point V-67		
3. VRM Class Private		

---

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar horizontal valley floor.	Organic clumps of shrubs and grasses.	Planar roadway, rectangular ranch structures. Planar steel lattice towers and cylindrical wood poles.
LINE	Horizontal and slightly angular skyline, foreground ridgeline and horizontal valley floor.	Curvilinear shrub edges and edges of grass patterns.	Strongly horizontal foreground roadway. Vertical and horizontal ranch structures and vertical towers.
COLOR	Light to medium light to medium brown rock and soil.	Light silver grey green sage brush. Golden tan to green grasses.	Light to medium paved foreground roadway. Grey and brown towers. Multiple structure colors.
TEXTURE	Smooth landforms.	Coarse shrubs and smooth grasses.	Smooth to medium foreground roadway and building, and smooth poles. 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.

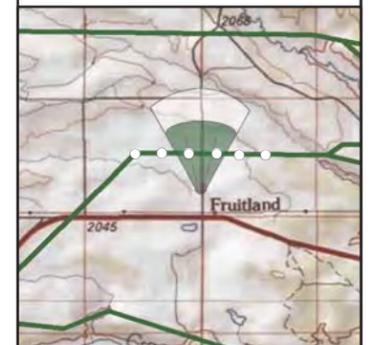
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**SECTION D. CONTRAST RATING**     SHORT TERM     LONG TERM

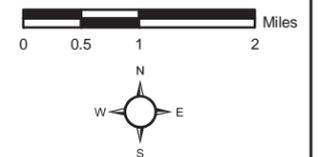
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input 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: 10/17/2014
Line													X	
Color													X	
Texture													X	



Project Location



KOP Location



**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP V-67  
Fruitland 4500W Road  
(northbound)  
(Segment 1322.22)



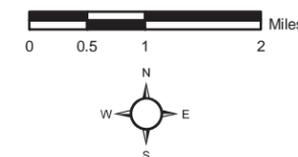
Rationale:  
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP V-67  
Simulated Condition  
(Segment 1322.22)







Project Location



KOP Location



**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP V-68  
Simulated Condition  
(Segment 1322.71)





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 10/17/2014

District Vernal FO

Resource Area \_\_\_\_\_

Activity (program) \_\_\_\_\_

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**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>Red Creek</u> Road (sb) Township <u>3S</u> Range <u>8W</u> Section <u>27</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 mountain ridges. Inclined planar side slopes. Planar valley floor.	Organic clumps of trees, shrubs and grasses. Patches and blankets of pinyon-juniper on the ridges.	Planar roadway.
LINE	Horizontal mountain skyline, foreground ridgeline and horizontal valley floor.	Curvilinear tree and shrub edges and edges of grass patterns.	Strongly horizontal foreground roadway.
COLOR	Light to medium light to medium brown rock and soil.	Dark olive green trees. Light silver grey green sage brush. Golden tan to green grasses.	Light to medium tans and browns gravel foreground roadway.
TEXTURE	Smooth landforms, coarse geology.	Coarse trees and shrubs, and smooth grasses.	Smooth to medium foreground roadway.

---

**SECTION C. PROPOSED ACTIVITY DESCRIPTION**

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

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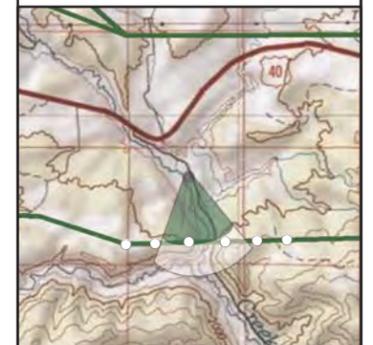
**SECTION D. CONTRAST RATING**     SHORT TERM     LONG TERM

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 M. Paulson	Date 10/17/2014
Line														
Color														
Texture														

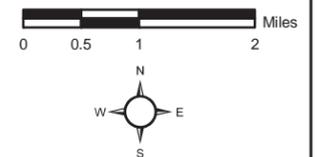
Rationale:  
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



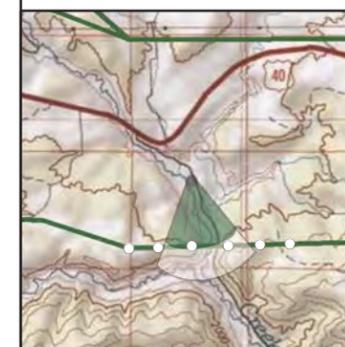
**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP V-69  
Red Creek Road  
(southbound)  
(Segment 1322.71)

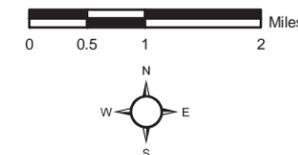




Project Location



KOP Location



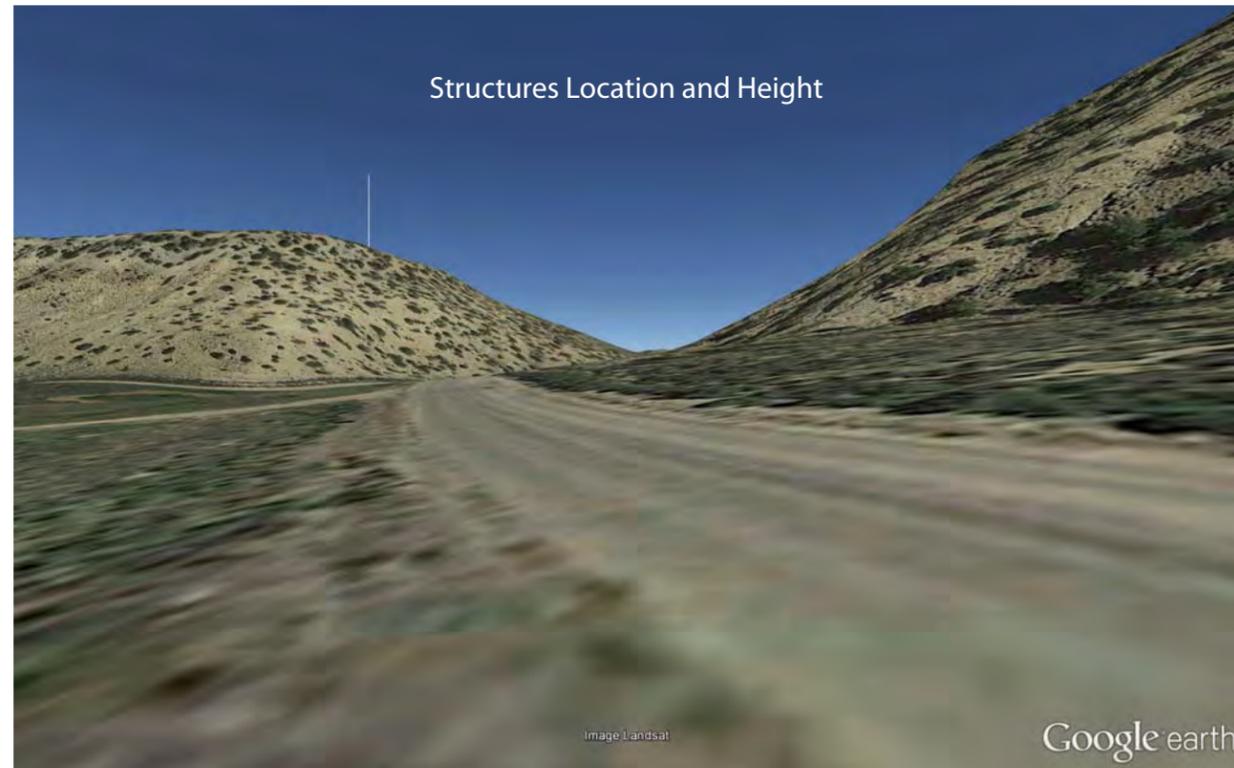
**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP V-69  
Simulated Condition  
(Segment 1322.71)





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 10/17/2014

District Vernal FO

Resource Area

Activity (program)

---

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>Red Creek</u> Road (nb) Township <u>3S</u> Range <u>8W</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	Planar horizontal mountain ridges. Inclined planar side slopes. Planar valley floor.	Organic clumps of trees, shrubs and grasses. Patches of pinyon-juniper on the ridges.	Planar roadway.
LINE	Horizontal mountain skyline, foreground ridgeline and horizontal valley floor.	Curvilinear tree and shrub edges and edges of grass patterns.	Strongly horizontal foreground roadway.
COLOR	Light to medium light to medium brown rock and soil.	Dark olive green trees. Light silver grey green sage brush. Golden tan to green grasses.	Light to medium tans and browns gravel foreground roadway.
TEXTURE	Smooth landforms, coarse geology.	Coarse trees and shrubs, and smooth grasses.	Smooth to medium foreground roadway.

**SECTION C. PROPOSED ACTIVITY DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and tubular conductors.
LINE			Vertical steel lattice structures and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures 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 10/17/2014
Line													X		
Color													X		
Texture													X		

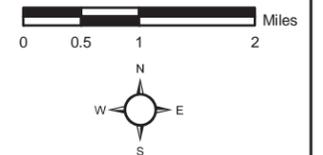
Rationale:  
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP V-70  
Red Creek Road  
(northbound)  
(Segment 1322.71)

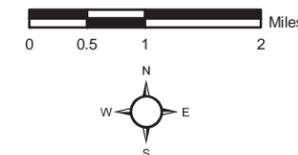




Project Location



KOP Location



**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP V-70  
Simulated Condition  
(Segment 1322.71)





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 10/17/2014

District Vernal FO

Resource Area

Activity (program)

---

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>U.S. 40 (eb)</u>	5. Location Sketch Please see Figure 3.12-2
2. Key Observation Point V-71	Township <u>3S</u>	
3. VRM Class Private	Range <u>8W</u>	
	Section <u>22</u>	

---

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Rocky angular ridges. Inclined planar side slopes.	Organic clumps of trees, shrubs and grasses. Patches of pinyon-juniper on the ridges.	Planar roadway.
LINE	Angular skyline, angular foreground ridgeline.	Curvilinear tree and shrub edges and edges of grass patterns.	Strongly horizontal foreground roadway.
COLOR	Light to medium light to medium tans and browns in rock and soil.	Dark olive green trees. Light silver grey green sage brush. Golden tan to green grasses.	Light to medium greys of paved foreground roadway.
TEXTURE	Smooth landforms, coarse geology.	Coarse trees and shrubs, and smooth grasses.	Smooth to medium foreground roadway.

---

**SECTION C. PROPOSED ACTIVITY DESCRIPTION**

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

---

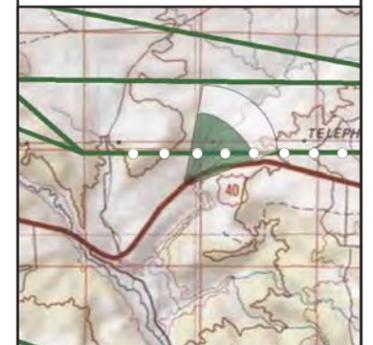
**SECTION D. CONTRAST RATING**     SHORT TERM     LONG TERM

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 10/17/2014
Line													X		
Color													X		
Texture													X		

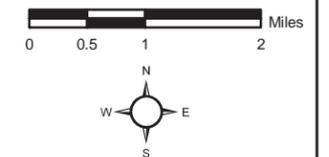
Rationale:  
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP V-71  
U.S. 40  
(eastbound)  
(Segment 1322.51)

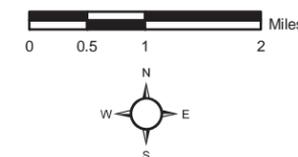




Project Location



KOP Location



**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP V-71  
Simulated Condition  
(Segment 1322.51)





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 10/17/2014

District Vernal FO

Resource Area

Activity (program)

**SECTION A. PROJECT INFORMATION**

<b>1. Project Name</b> TransWest Express	<b>4. Location</b> <u>U.S. 40 (wb)</u> Township <u>3S</u> Range <u>8W</u> Section <u>24</u>	<b>5. Location Sketch</b> Please see Figure 3.12-2
<b>2. Key Observation Point</b> V-72		
<b>3. VRM Class</b> Private		

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar horizontal mountain ridges. Inclined planar side slopes. Planar valley floor.	Organic clumps of trees, shrubs and grasses. Patches of pinyon-juniper in the background.	Planar steel lattice towers.
LINE	Horizontal mountain skyline, foreground ridgeline and horizontal valley floor.	Curvilinear tree and shrub edges and edges of grass patterns.	Strongly horizontal foreground roadway. Vertical and horizontal lattice towers.
COLOR	Light to medium light to medium brown rock and soil.	Dark olive green trees. Light silver grey green sage brush. Golden tan to green grasses.	Dark grey tower. Light to medium paved foreground roadway.
TEXTURE	Smooth landforms, coarse geology.	Coarse trees and shrubs, and smooth grasses.	Coarse towers. Smooth to medium foreground roadway and smooth pole structures.

**SECTION C. PROPOSED ACTIVITY DESCRIPTION**

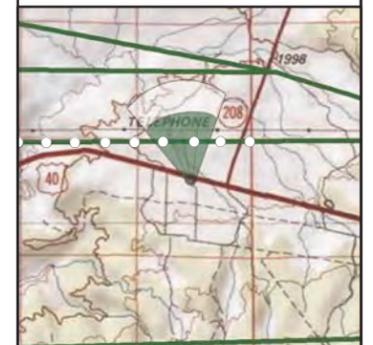
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse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

**SECTION D. CONTRAST RATING**  SHORT TERM  LONG TERM

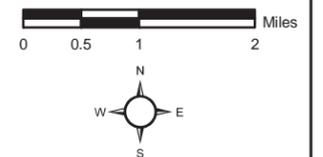
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input 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 10/17/2014
Form														
Line														
Color														
Texture														



Project Location



KOP Location



**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP V-72  
U.S. 40  
(westbound)  
(Segment 1322.51)

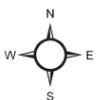




Project Location



KOP Location



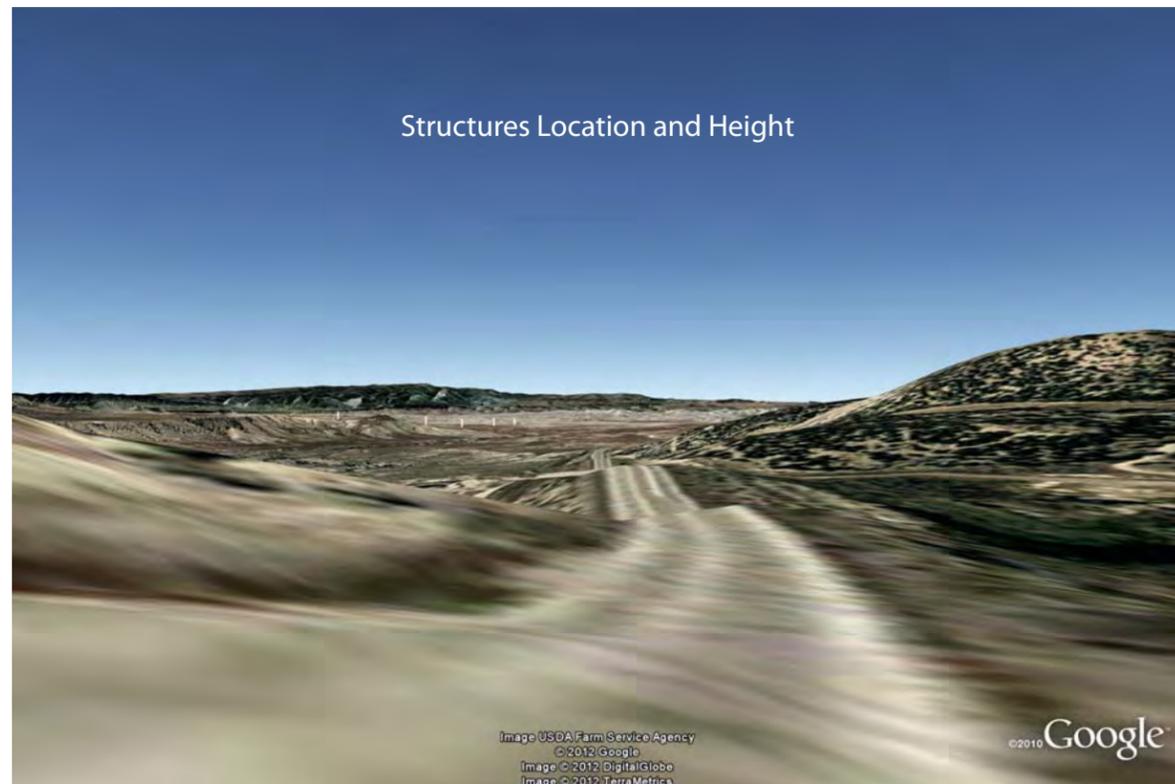
**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP V-72  
Simulated Condition  
(Segment 1322.51)





KOP Photograph



Structures Location and Height

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

Form 8400-4 (September 1985)

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

**VISUAL CONTRAST RATING WORKSHEET**

Date 10/24/2011  
 District White River 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>98W</u> Section <u>30</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, 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 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 transmission line. Light tan to brown H-frame and dark green markers.
TEXTURE	Smooth to moderate landforms.	Coarse pinyon-juniper, 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

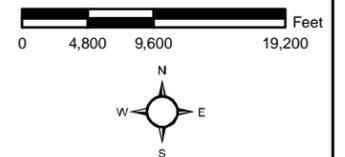
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (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 10/24/10
Line													X	
Color													X	
Texture													X	



Project Location



KOP Location



**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP WR-9  
 U.S. 40  
 (westbound)  
 (Segment 1100)



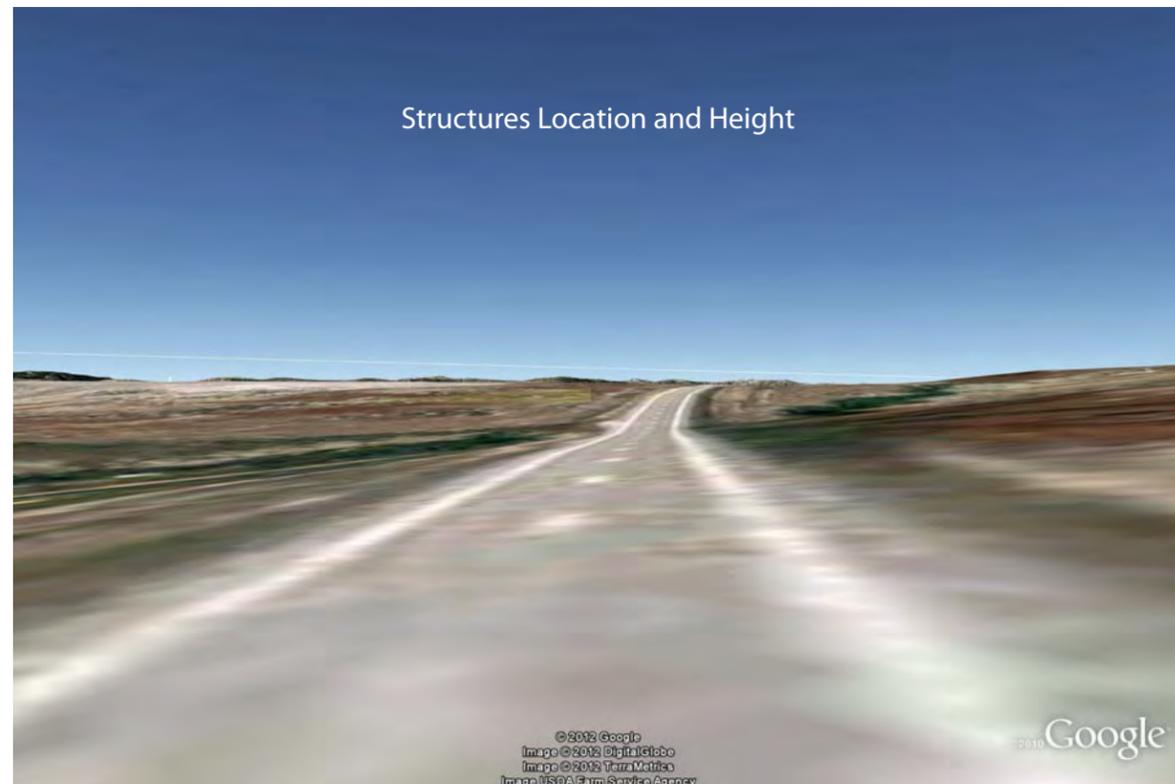
**Rationale:**

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 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 (WB)</u> Township <u>3N</u> Range <u>100W</u> Section <u>2</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, 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 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 transmission line. Light tan to brown H-frame and dark green markers.
TEXTURE	Smooth to moderate landforms.	Coarse pinyon-juniper, rabbit brush and sagebrush. Smooth to coarse grasses.	Smooth to medium roadway, transmission line, H-frame and markers.

**SECTION C. PROPOSED ACTIVITY DESCRIPTION**

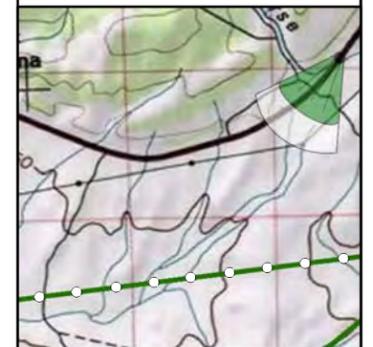
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Strongly pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE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

**SECTION D. CONTRAST RATING**  SHORT TERM  LONG TERM

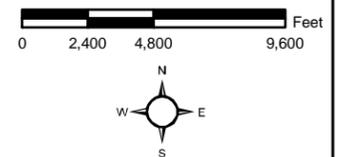
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <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 10/24/10
Line													X	
Color													X	
Texture													X	



Project Location



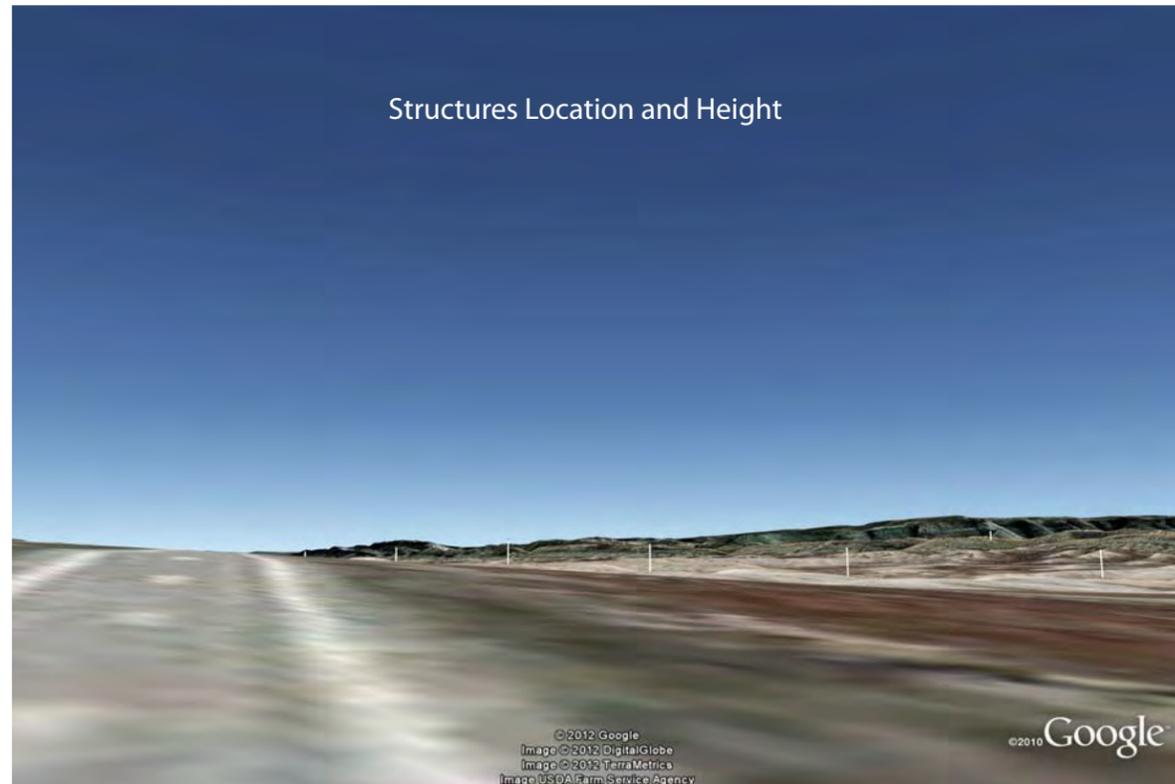
KOP Location



**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP WR-10  
 U.S. 40 (westbound)  
 (Segment 1210)





Form 8400-4 (September 1985)

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

**VISUAL CONTRAST RATING WORKSHEET**

Date 10/24/2011

District White River FO

Resource Area

Activity (program)

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location US-40 (EB) Township 3N Range 100W Section 9	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, 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 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 transmission line. Light tan to brown H-frame and dark green markers.
TEXTURE	Smooth to moderate landforms.	Coarse pinyon-juniper, 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

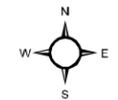
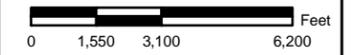
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (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 10/24/10
Line													X	
Color													X	
Texture													X	



Project Location



KOP Location



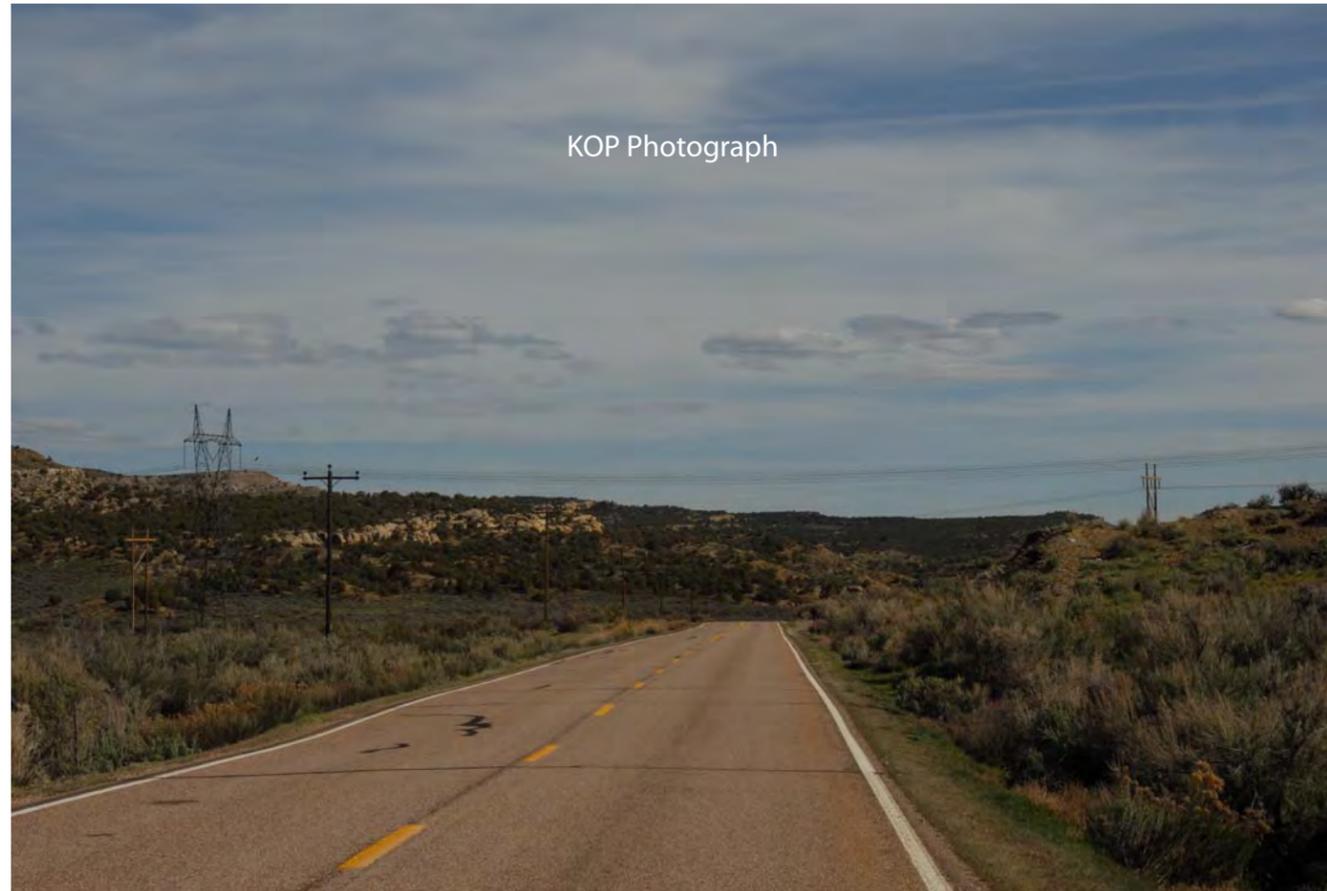
**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP WR-11  
U.S. 40 (eastbound)  
(Segment 1210)

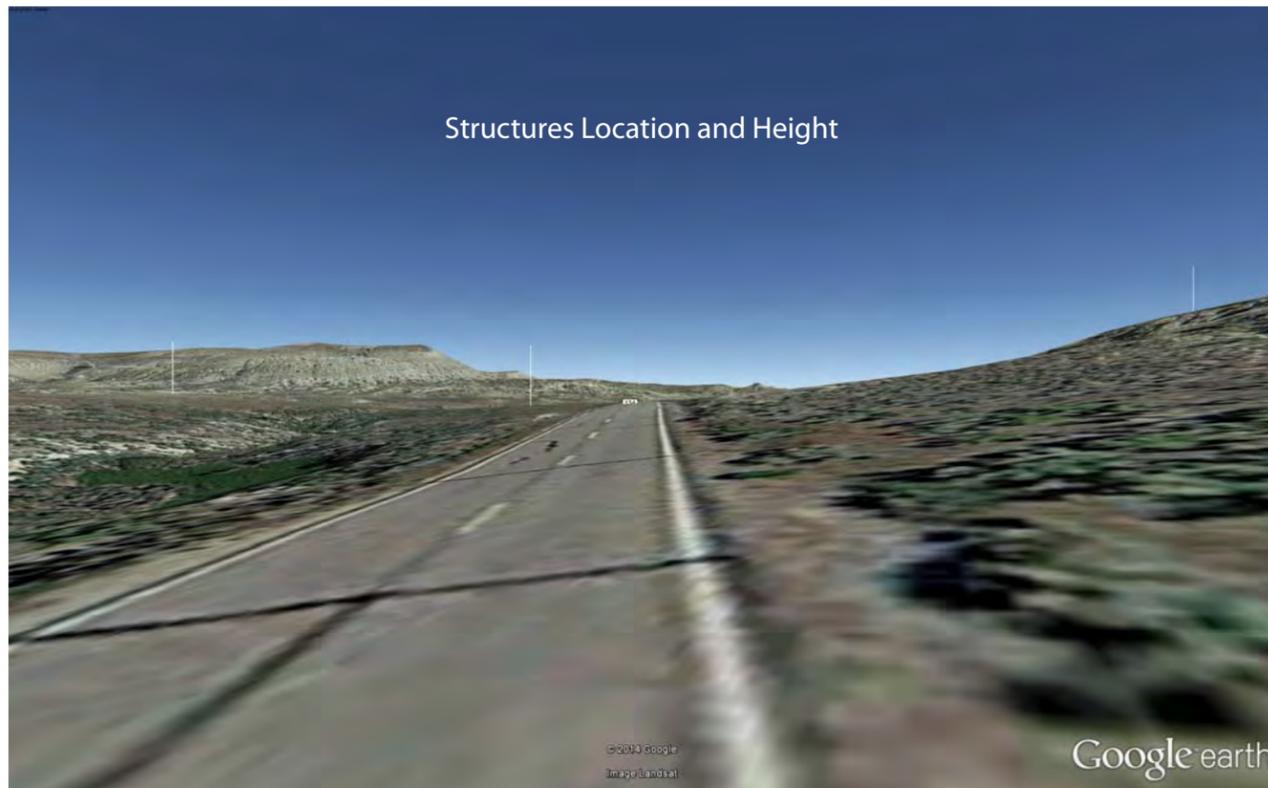


Rationale:  
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

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 06/02/2012

District White River FO

Resource Area

Activity (program)

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**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>Moffat Co.</u> <u>Rd. 134 (SB)</u> Township <u>3N</u> Range <u>102W</u> Section <u>17</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 and pyramidal 345-kV transmission line structures.
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 transmission line 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 transmission line.
TEXTURE	Smooth to moderate landforms.	Coarse pinyon-juniper, rabbit brush and sagebrush. Smooth to coarse grasses.	Smooth to medium roadway, transmission line.

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**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.

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**SECTION D. CONTRAST RATING**  SHORT TERM  LONG TERM

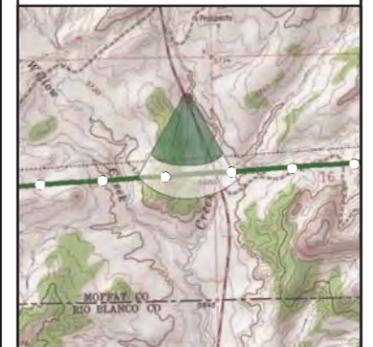
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (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	Date
Line													X	M. Paulson	6/2/12
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.

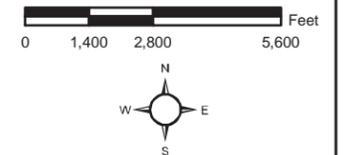
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



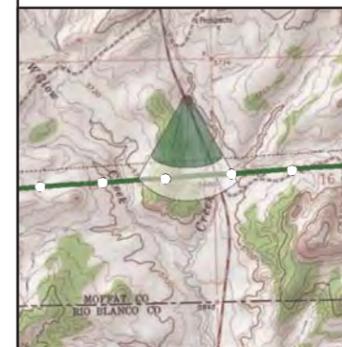
**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP WR-12  
Moffat County Road 134 (southbound)  
(Segment 1210)

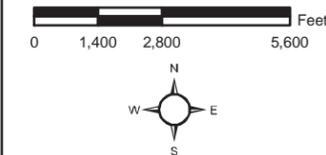




Project Location



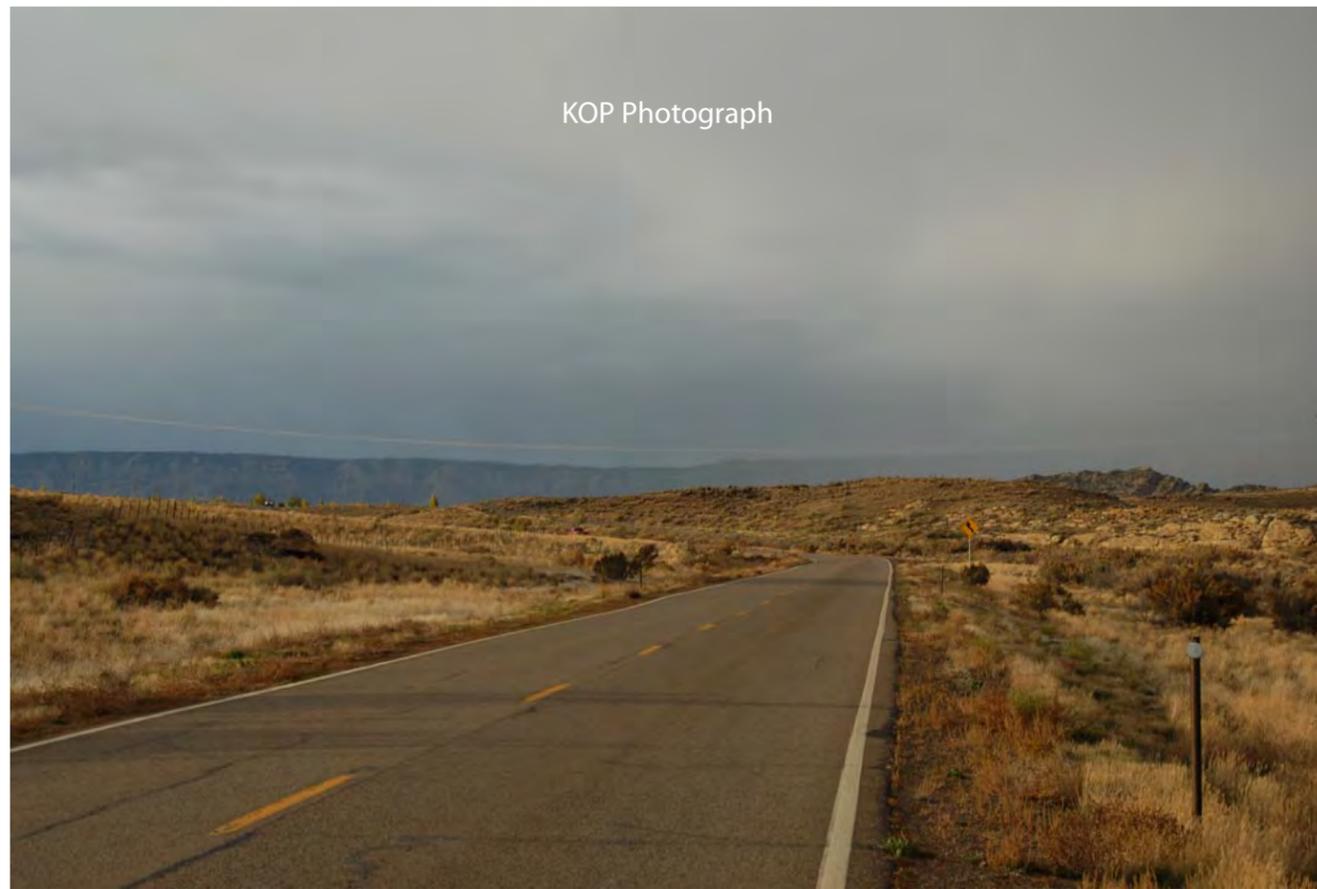
KOP Location



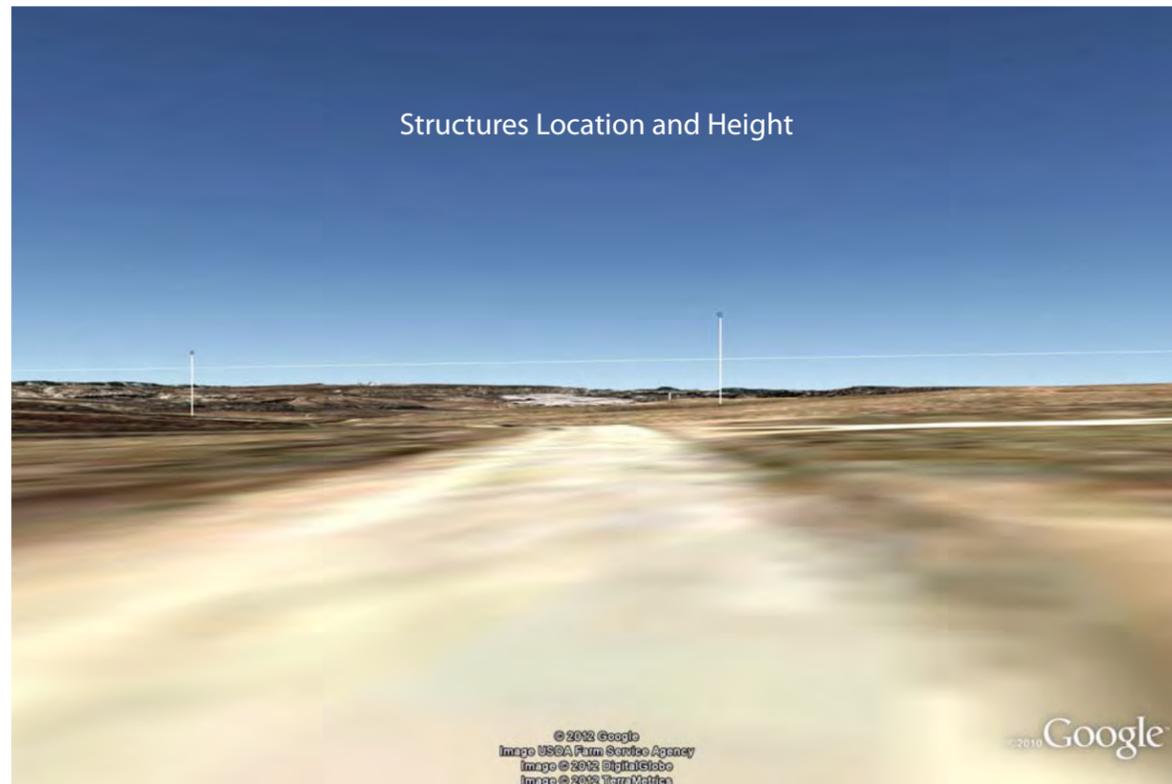
**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP WR-12  
Simulated Condition  
(Segment 1210)





KOP Photograph



Structures Location and Height

© 2012 Google  
 Image USA, Public Service Agency  
 Image © 2012 Skylinephoto  
 Image © 2012 TomMolde

Google

Form 8400-4  
(September 1985)

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

**VISUAL CONTRAST RATING WORKSHEET**

Date 10/24/2011

District White River FO

Resource Area

Activity (program)

---

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>Colo. SH-64</u> (NB) Township <u>3N</u> Range <u>100W</u> Section <u>9</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 and pyramidal 345-kV transmission line structures.
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 transmission line 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 transmission line.
TEXTURE	Smooth to moderate landforms.	Coarse pinyon-juniper, rabbit brush and sagebrush. Smooth to coarse grasses.	Smooth to medium roadway, 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			
Form													X	Evaluator's Names M. Paulson	Date 10/24/11
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.

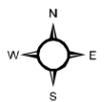
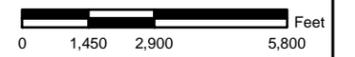
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



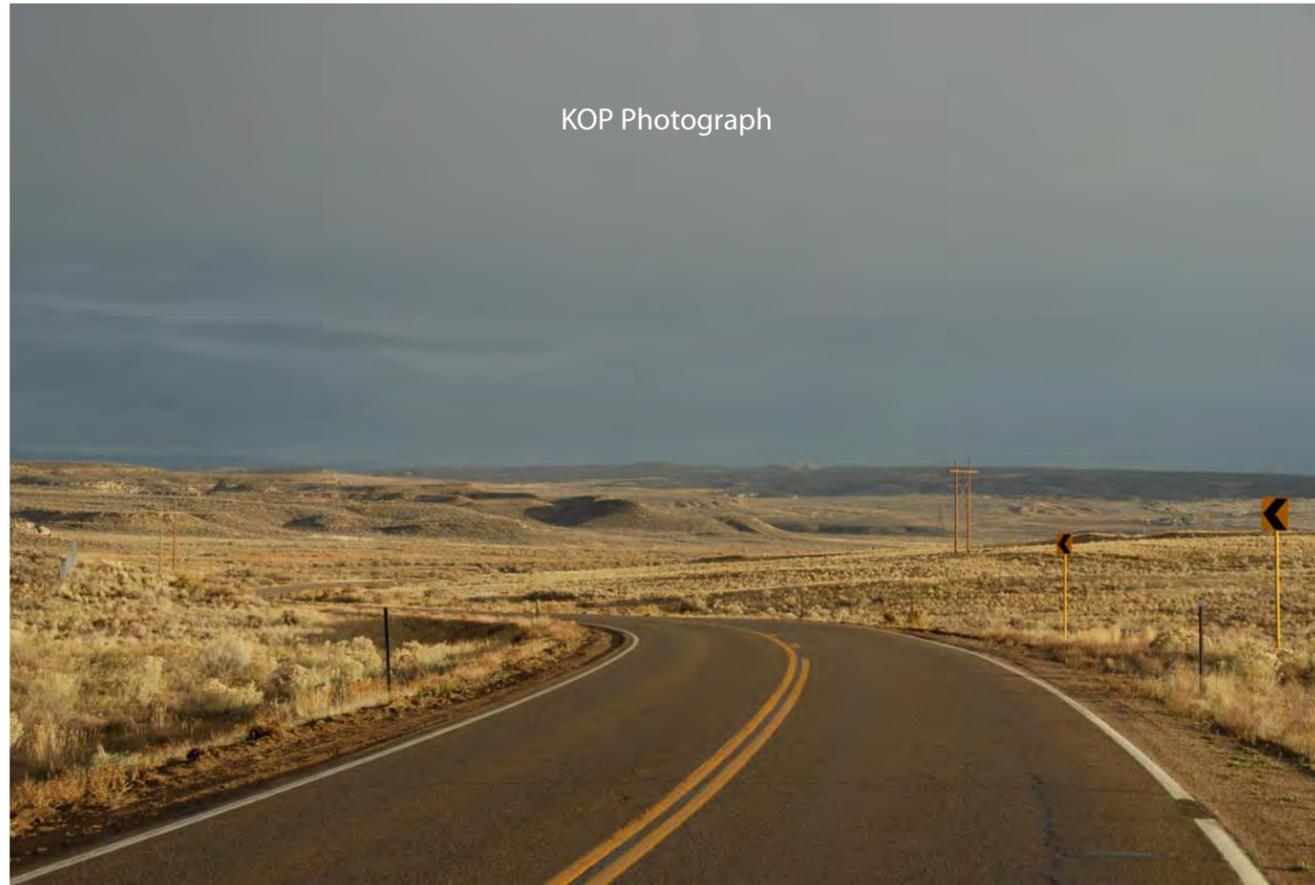
KOP Location



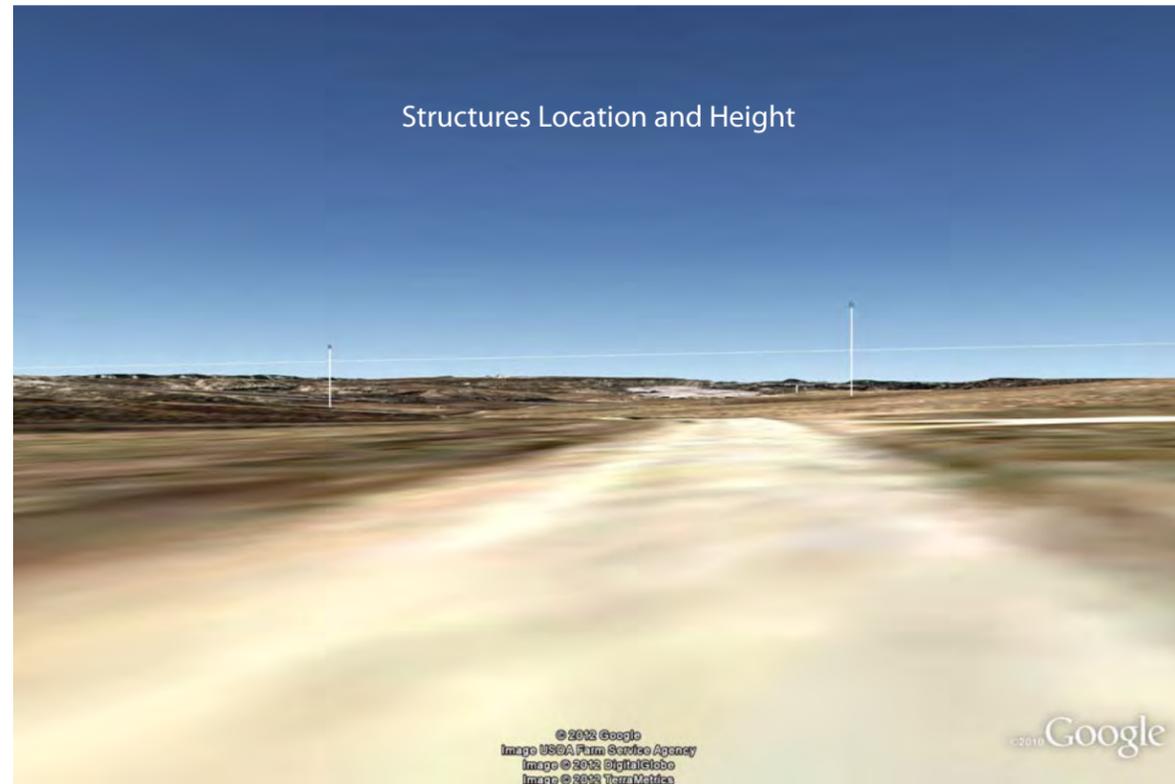
**TRANSWEST EXPRESS  
 TRANSMISSION PROJECT**

KOP WR-13  
 Colo State Highway 64  
 (northbound)  
 (Segment 1210)





KOP Photograph



Structures Location and Height

© 2012 Google  
Image USAFA Film Service Agency  
Image © 2012 Digitalisite  
Image © 2012 TomMatisse

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Form 8400-4 (September 1985)

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

**VISUAL CONTRAST RATING WORKSHEET**

Date 10/24/2011

District White River FO

Resource Area

Activity (program)

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location Colo.SH-64 (SB) Township 3N Range 100W Section 9	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 pinyon-juniper, rabbit brush, sagebrush and grasses.	Planar roadway and pyramidal 345-kV transmission line structures.
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 transmission line 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 transmission line.
TEXTURE	Smooth to moderate landforms.	Coarse pinyon-juniper, rabbit brush and sagebrush. Smooth to coarse grasses.	Smooth to medium roadway, 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		
Form													X	Evaluator's Names M. Paulson Date 10/24/10
Line													X	
Color													X	
Texture													X	

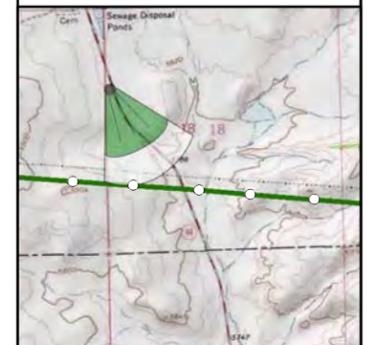
**Rationale:**

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.

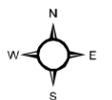
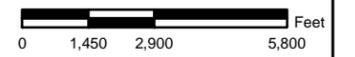
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



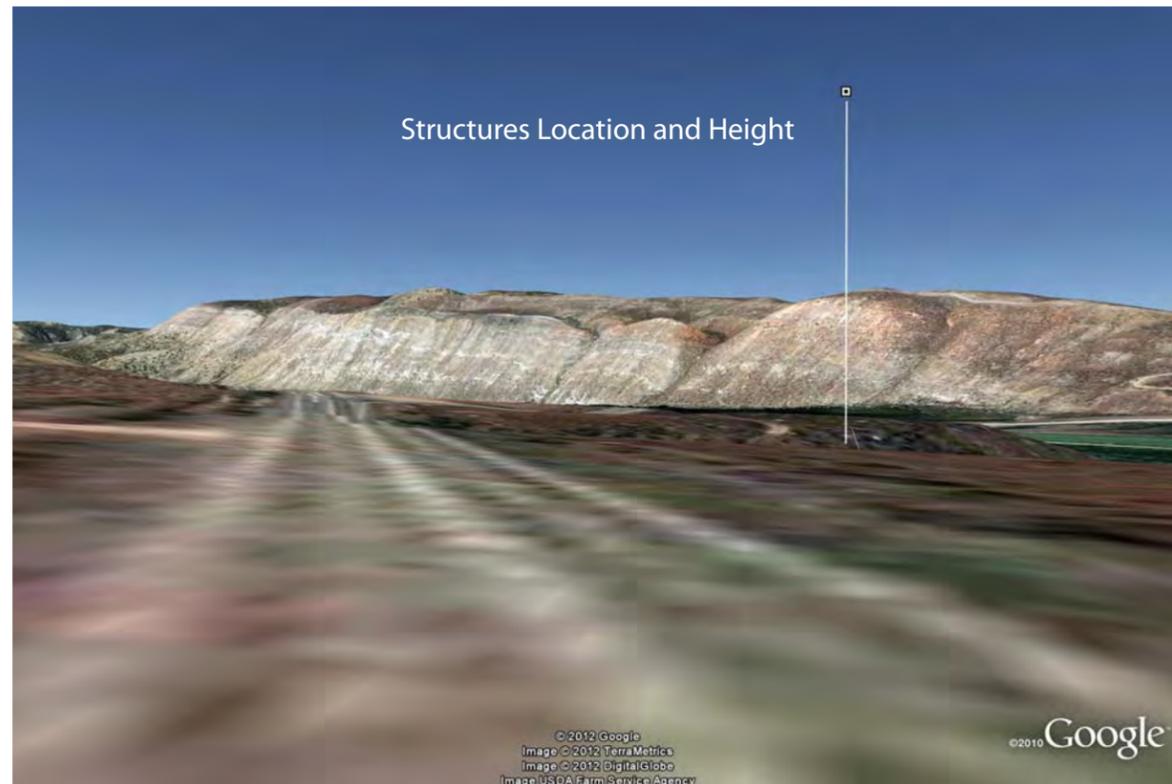
**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP WR-14  
 Colo State Highway 64  
 (southbound)  
 (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 10/24/2011

District White River FO

Resource Area

Activity (program)

---

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location_Colo.SH-64 (WB)	5. Location Sketch Please see Figure 3.12-2
2. Key Observation Point WR-15	Township_3N	
3. VRM Class III (VRI Class III)	Range_100W	
	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 pinyon-juniper, rabbit brush, sagebrush and grasses.	Planar roadway and pyramidal 230-kV transmission line structures.
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 transmission line 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 transmission line.
TEXTURE	Smooth to moderate landforms.	Coarse pinyon-juniper, rabbit brush and sagebrush. Smooth to coarse grasses.	Smooth to medium roadway, 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.

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**SECTION D. CONTRAST RATING**  SHORT TERM  LONG TERM

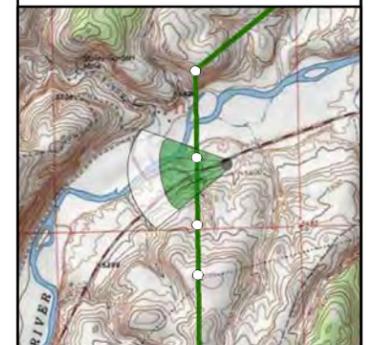
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)		
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <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 10/24/10
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.

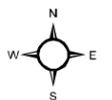
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



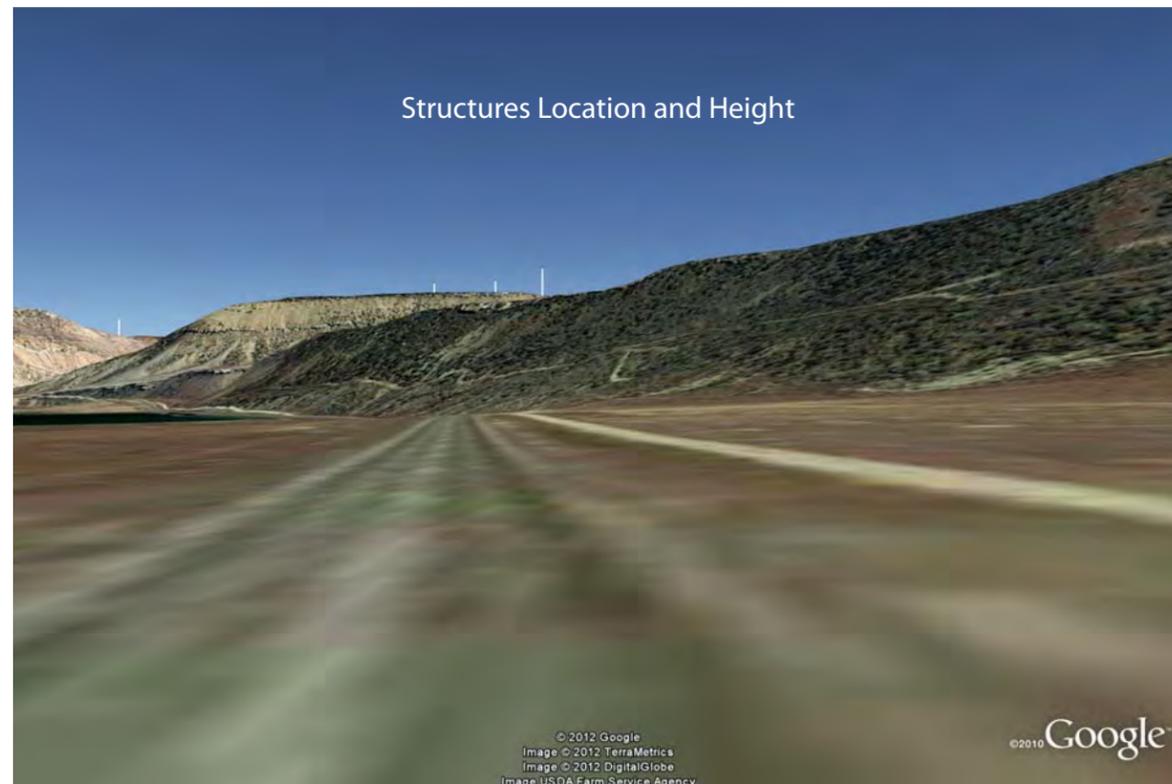
**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP WR-15  
Colo State Highway 64  
(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 10/24/2010

District White River FO

Resource Area

Activity (program)

---

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>Colo SH-64</u> (EB) Township <u>2N</u> Range <u>101W</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	Planar cliffs, and rolling and angular ridges. Angular side slopes.	Organic clumps of pinyon-juniper, rabbit brush, sagebrush and grasses.	Planar roadway, columnar utility poles and fence posts.
LINE	Strong vertical and angular lines of cliffs, ridges and skyline. Angular side slopes.	Indistinct pinyon-juniper, sagebrush, rabbit brush and linear roadside grasses.	Linear horizontal roadway and vertical utility poles, fence posts 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 light tan to brown utility poles and fence posts.
TEXTURE	Smooth to moderate landforms.	Coarse pinyon-juniper, rabbit brush and sagebrush. Smooth to coarse grasses.	Smooth to medium roadway, utility poles, fence posts 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.

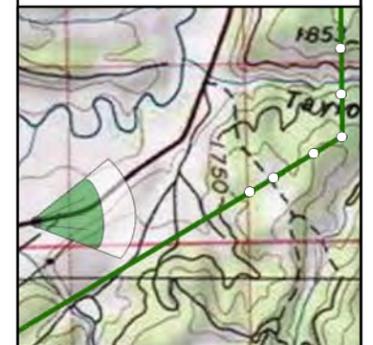
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**SECTION D. CONTRAST RATING**     SHORT TERM     LONG TERM

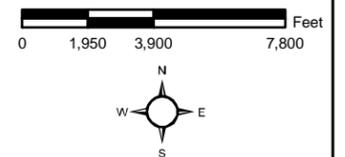
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <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 10/24/10
Line													x	
Color													x	
Texture														



Project Location



KOP Location



**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.

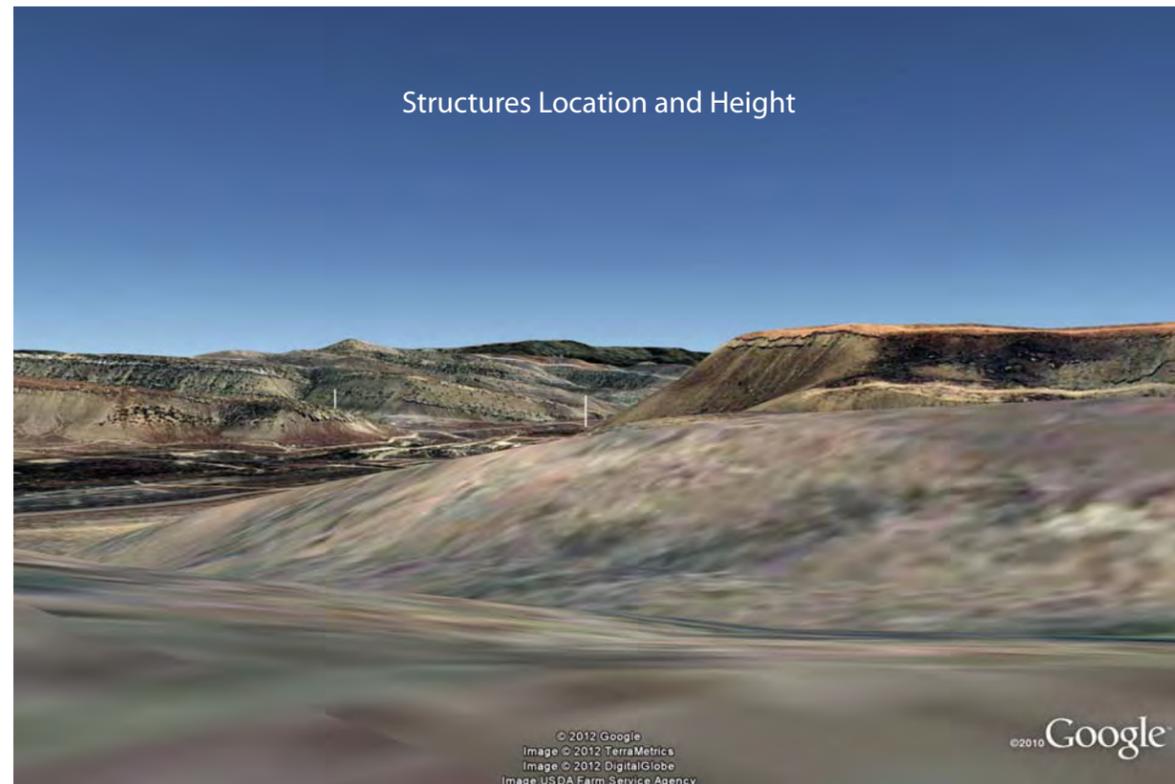
**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP WR-16  
Colo State Highway 64  
(eastbound)  
(Segment 1220)





KOP Photograph



Structures Location and Height

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Image © 2012 TerraMetrics  
Image © 2012 DigitalGlobe  
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 10/24/2010

District White River FO

Resource Area

Activity (program)

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**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location_Rangely Residential Road Township 1N Range 102W 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	Planar cliffs and rolling and angular ridges. Angular side slopes.	Organic clumps of pinyon-juniper, rabbit brush, sagebrush and grasses.	Ribbon roadway, columnar utility poles and fence posts. Amorphous oil pad and pyramidal pump jack.
LINE	Strong angular lines of vertical cliffs, ridges and skyline. Angular side slopes.	Indistinct pinyon-juniper, sagebrush, rabbit brush and linear roadside grasses.	Linear horizontal roadway, and vertical pump jack and utility poles.
COLOR	Very light, medium, and dark tan to brown landforms.	Olive green pinyon-juniper and medium olive green sagebrush. Orange riparian shrubs. Golden tan to brown rabbit brush and grasses..	Light to medium grey roadway. Light tan to brown utility poles and fence posts. Dark brown pump jack.
TEXTURE	Smooth to moderate landforms.	Coarse pinyon-juniper, rabbit brush and sagebrush. Smooth to coarse grasses.	Smooth to medium roadway, pump jack and utility poles.

---

**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																Evaluator's Names M. Paulson	Date 10/24/10
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.

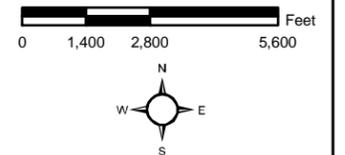
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



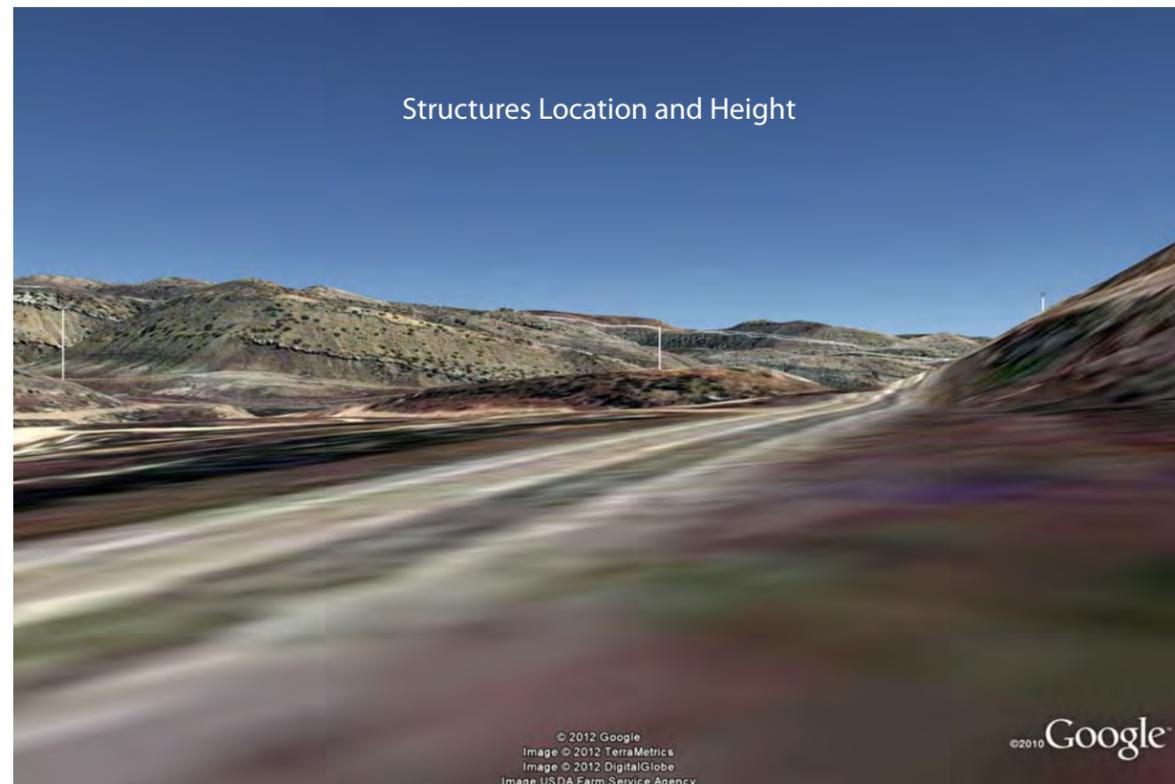
**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP WR-17  
Rangely Residential Road  
(Segment 1220)





KOP Photograph



Structures Location and Height

© 2012 Google  
Image © 2012 TerraMetrics  
Image © 2012 DigitalGlobe  
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 10/24/2010

District White River FO

Resource Area

Activity (program)

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location Colo SH-139 (SB) Township 1N Range 101W Section 7	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 rolling and angular ridges. Angular side slopes.	Organic clumps of pinyon-juniper, rabbit brush, sagebrush and grasses.	Planar roadway, overhead conductors, columnar utility poles and fence posts.
LINE	Strong angular lines of vertical cliffs, ridges and skyline. Angular side slopes.	Indistinct pinyon-juniper, sagebrush, rabbit brush and linear roadside grasses.	Linear horizontal roadway, curvilinear conductors, and vertical utility poles, fence posts 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 conductors. Light tan to brown utility poles and fence posts.
TEXTURE	Smooth to moderate landforms.	Coarse pinyon-juniper, rabbit brush and sagebrush. Smooth to coarse grasses.	Smooth to medium roadway, utility poles, fence posts and markers.

**SECTION C. PROPOSED ACTIVITY DESCRIPTION**

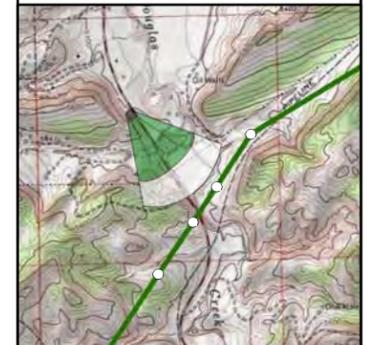
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Strongly pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE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

**SECTION D. CONTRAST RATING**  SHORT TERM  LONG TERM

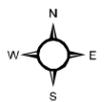
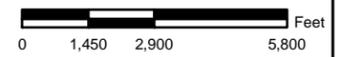
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (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 10/24/10
Line													X		
Color													X		
Texture													X		



Project Location



KOP Location



**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP WR-18  
 Colo State Highway 139 (southbound)  
 (Segment 1220)



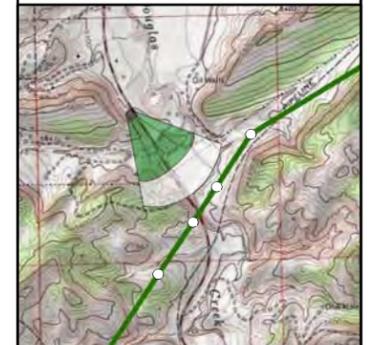
**Rationale:**

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.

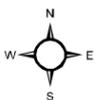
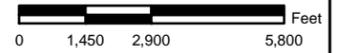
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



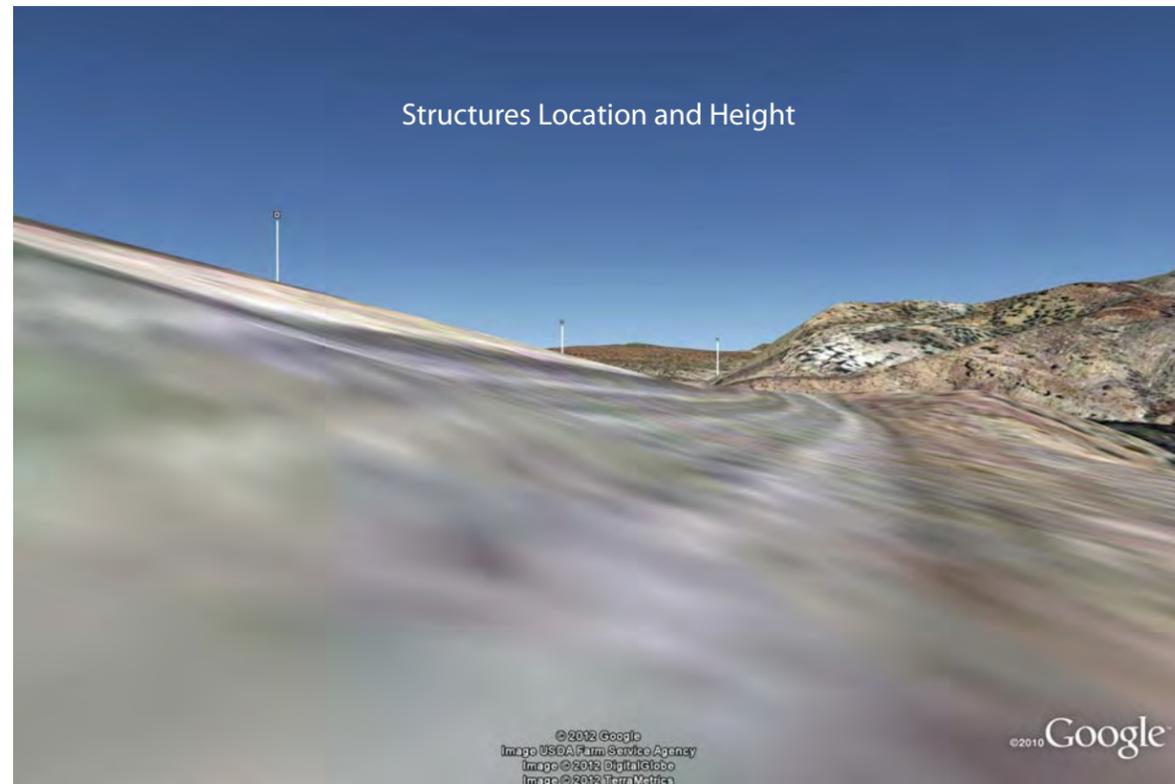
**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP WR-18  
Simulated Condition  
(Segment 1220)





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 10/24/2010

District White River FO

Resource Area

Activity (program)

---

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>Colo SH-139</u> (NB) Township <u>1N</u> Range <u>101W</u> Section <u>18</u>	5. Location Sketch  Please see Figure 3.12-2
2. Key Observation Point WR-19		
3. VRM Class III (VRI Class III)		

---

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar cliffs and rolling and angular ridges. Angular side slopes.	Organic clumps of pinyon-juniper, rabbit brush, sagebrush and grasses.	Planar roadway, columnar utility poles and fence posts.
LINE	Strong angular lines of vertical cliffs, ridges and skyline. Angular side slopes.	Indistinct pinyon-juniper, sagebrush, rabbit brush and linear roadside grasses.	Linear horizontal roadway, and vertical utility poles, fence posts and markers.
COLOR	Very light, medium, and dark tan to brown landforms.	Olive green pinyon-juniper and medium olive green sagebrush. Orange riparian shrubs. Golden tan to brown rabbit brush and grasses..	Light to medium grey roadway. Light tan to brown utility poles and fence posts.
TEXTURE	Smooth to moderate landforms.	Coarse pinyon-juniper, rabbit brush and sagebrush. Smooth to coarse grasses.	Smooth to medium roadway, utility poles, fence posts 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													Evaluator's Names M. Paulson	Date 10/24/10
Line														
Color														
Texture														



Project Location



KOP Location

0 1,450 2,900 5,800 Feet



**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP WR-19  
 Colorado State Hwy 139  
 (northbound)  
 (Segment 1220)



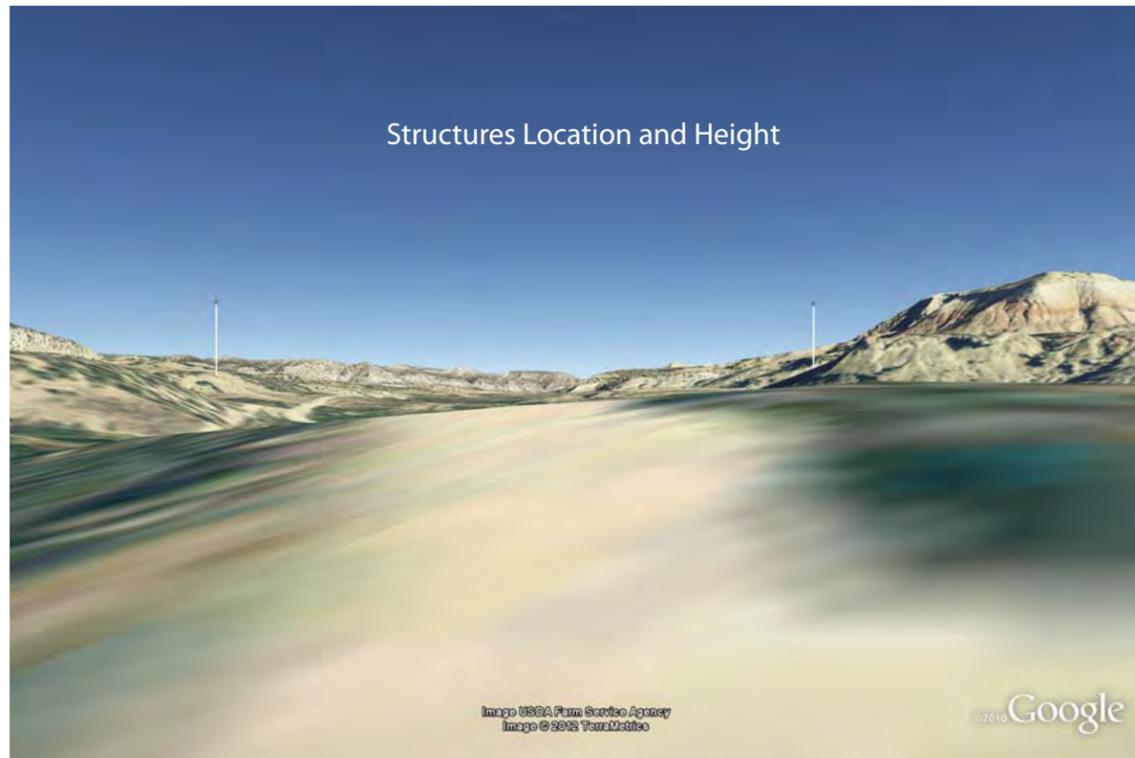
**Rationale:**

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 USGA Farm Service Agency  
Image © 2010 TerraMetrics

©2010 Google

Form 8400-4  
(September 1985)

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

**VISUAL CONTRAST RATING WORKSHEET**

Date 10/24/2010

District White River FO

Resource Area

Activity (program)

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**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>Moffat</u> County Rd. Township <u>3S</u> Range <u>104W</u> Section <u>35</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 rolling and angular ridges. Angular side slopes.	Organic clumps of pinyon-juniper, rabbit brush, sagebrush and grasses.	Planar roadway, columnar utility poles.
LINE	Strong angular lines of vertical cliffs, ridges and skyline. Angular side slopes.	Indistinct pinyon-juniper, sagebrush, rabbit brush and linear roadside grasses.	Linear horizontal roadway and vertical utility poles.
COLOR	Very light, medium, and dark tan to brown landforms.	Olive green pinyon-juniper and tanish olive green sagebrush. Golden tan to brown rabbit brush and grasses..	Light to medium tan roadway and utility poles.
TEXTURE	Smooth to moderate landforms.	Coarse pinyon-juniper, rabbit brush and sagebrush. Smooth to coarse grasses.	Smooth to medium roadway and smooth utility poles..

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**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 10/24/10
Line												X		
Color												X		
Texture												X		



Project Location



KOP Location



**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP WR-20  
Moffet County  
Baxter Pass Road  
(Segment 1220)

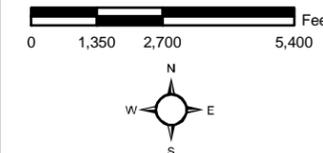




Project Location



KOP Location



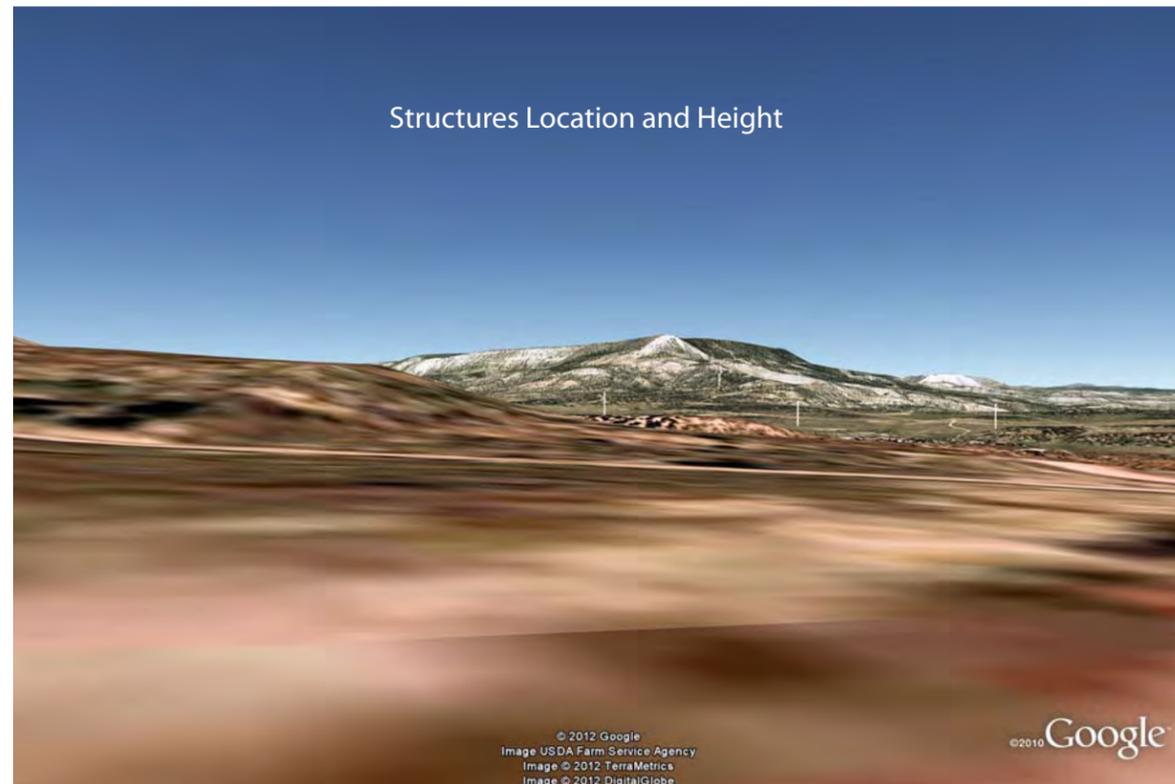
**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP WR-20  
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 10/24/2010

District White River FO

Resource Area

Activity (program)

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location_BLM Recreation Rd. (WB) Township_2S Range_103W Section_23	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 pinyon-juniper and organic clumps of sagebrush and rabbit brush.	Planar roadway, cuboid pump station and utility buildings.
LINE	Strong angular lines of skyline. Angular side slopes and foreground ridgeline.	Indistinct lines in surface of pinyon-juniper, sagebrush, rabbit brush and grasses.	Linear horizontal roadway. Horizontal and vertical buildings.
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 to medium tan roadway. White pump station buildings and olive utility buildings.
TEXTURE	Smooth to moderate landform.	Smooth to coarse pinyon-juniper, grasses and sagebrush.	Smooth gravel roadway and buildings.

**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 10/24/10
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.

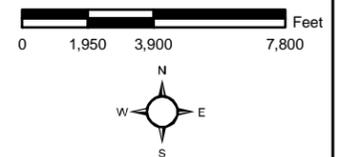
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



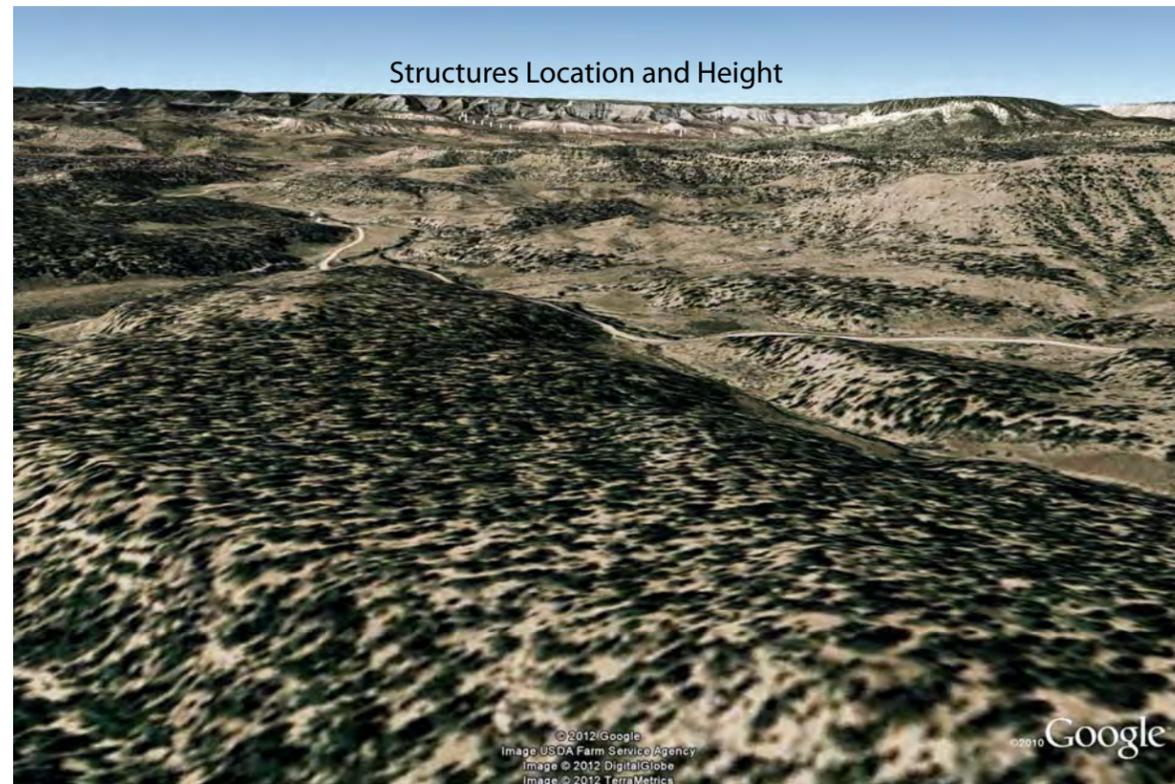
**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP WR-21  
BLM Recreation Road  
(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 10/24/2010

District White River FO

Resource Area

Activity (program)

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**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>BLM</u> <u>Recreation Rd. (SB)</u> <u>Township 2S</u> <u>Range 103W</u> <u>Section 25</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 pinyon-juniper and organic clumps of sagebrush and rabbit brush.	Planar roadway, cuboid pump station and utility buildings.
LINE	Strong angular lines of skyline. Angular side slopes and foreground ridgeline.	Indistinct lines in surface of pinyon-juniper, sagebrush, rabbit brush and grasses.	Linear horizontal roadway. Horizontal and vertical buildings.
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 to medium tan roadway. White pump station buildings and olive utility buildings.
TEXTURE	Smooth to moderate landform.	Smooth to coarse pinyon-juniper, grasses and sagebrush.	Smooth gravel roadway and buildings.

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**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.

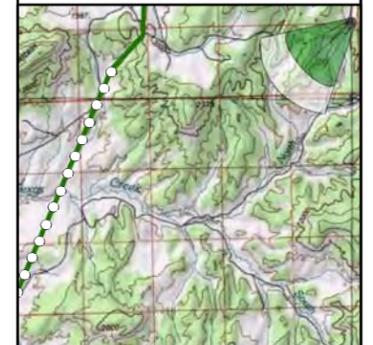
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**SECTION D. CONTRAST RATING**     SHORT TERM     LONG TERM

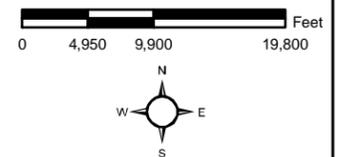
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)		
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <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	Date
Line													M. Paulson	10/24/10	
Color															
Texture															



Project Location



KOP Location



**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP WR-22  
BLM Recreation Road  
(southbound)  
(Segment 1220)

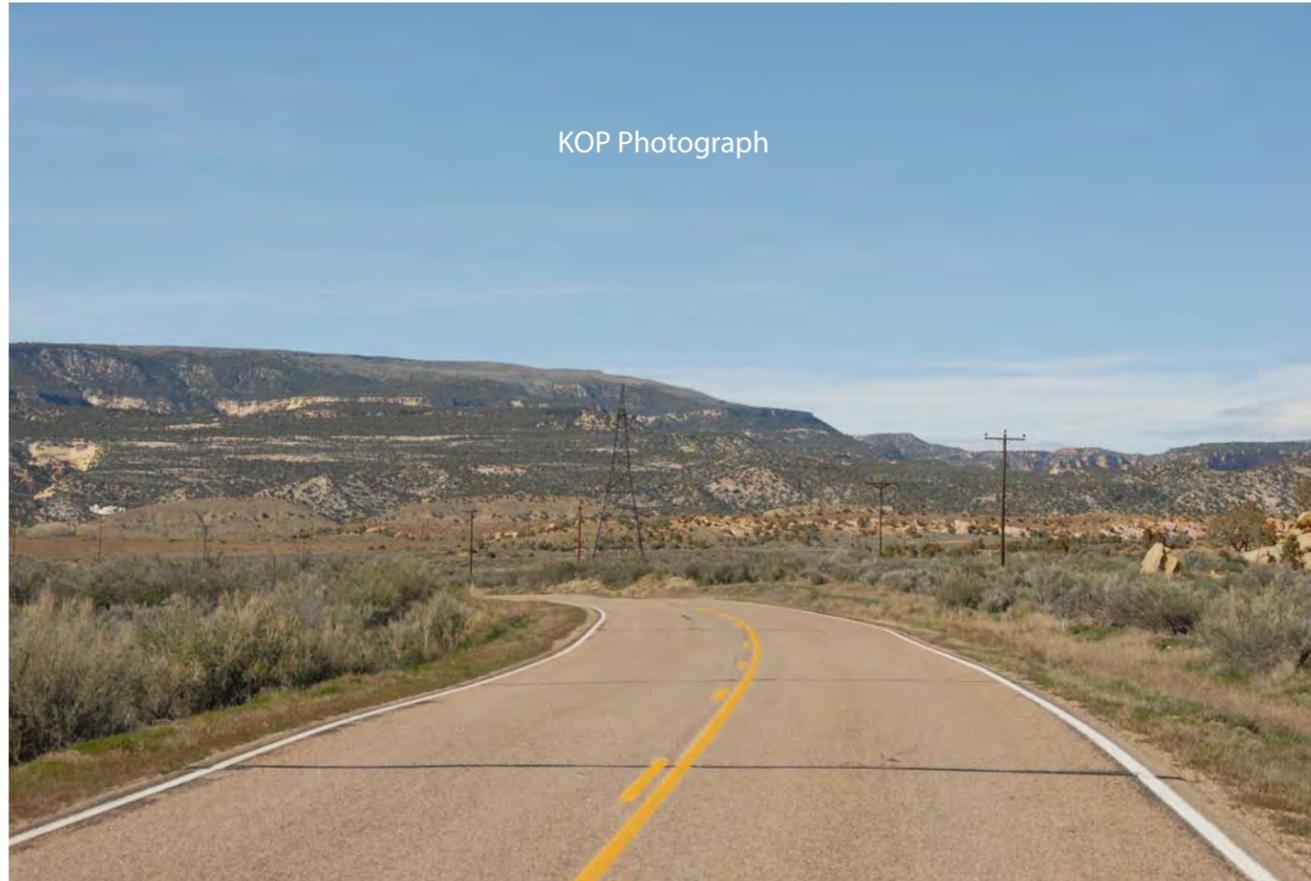


**Rationale:**

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 10/24/2011

District **White River FO**

Resource Area \_\_\_\_\_

Activity (program) \_\_\_\_\_

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**SECTION A. PROJECT INFORMATION**

<b>1. Project Name</b> TransWest Express	<b>4. Location</b> <u>Blue Mt. Rd (NB)</u> Township <u>3N</u> Range <u>100W</u> Section <u>9</u>	<b>5. Location Sketch</b>  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, 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 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 transmission line. Light tan to brown H-frame and dark green markers.
TEXTURE	Smooth to moderate landforms.	Coarse pinyon-juniper, rabbit brush and sagebrush. Smooth to coarse grasses.	Smooth to medium roadway, transmission line, H-frame and markers.

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**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.

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**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 10/24/10
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.

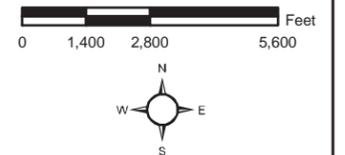
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP WR-25  
Blue Mountain Road  
(northbound)  
(Segment1210)

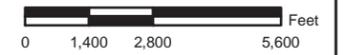




Project Location



KOP Location



**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP WR-25  
Simulated Condition  
(Segment1210)

