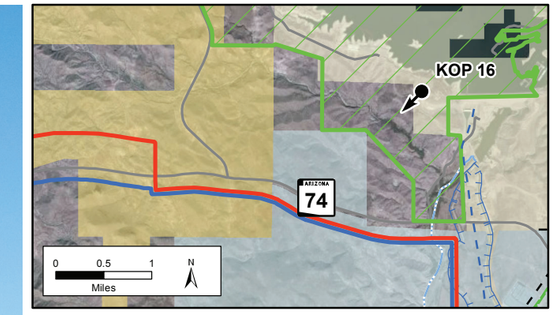


Legend

- Key Observation Point
- Sun Valley to Morgan Proposed Action Right-of-Way
- Alternative 2 South of SR 74
- Existing 500kV Transmission Line
- Existing 230kV Transmission Line
- Existing 69kV Transmission Line
- Major Roads
- Wash or Stream
- Canal
- Regional Park

Surface Land Management

- Bureau of Land Management
- Bureau of Reclamation
- State
- Private

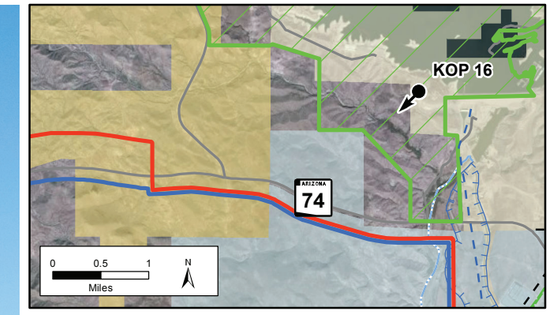
Photograph Information

Time of photograph:	9:38 AM
Date of photograph:	10-19-11
Weather condition:	Clear
Viewing direction:	Southwest
Latitude:	33°50'51.52"N
Longitude:	112°16'49.57"W
Camera:	Nikon D700
Lens:	50mm
Lighting condition:	Sidelit
Nearest tower in view:	NA

Photograph is intended to be viewed 18 inches from viewer's eyes when printed on 11x17 paper. The photograph below has been cropped top and bottom to show a wide angle of view with the above photograph's area shown in yellow.

Figure 4.14-20a
Existing Conditions
from Key Observation Point 16
Lake Pleasant Regional Park Campground
looking southwest

Sun Valley to Morgan 500/230kV
Transmission Line EIS Project



Legend

- Key Observation Point
- Sun Valley to Morgan Proposed Action Right-of-Way
- Alternative 2 South of SR 74
- Existing 500kV Transmission Line
- Existing 230kV Transmission Line
- Existing 69kV Transmission Line
- Major Roads
- Wash or Stream
- Canal
- Regional Park

Surface Land Management

- Bureau of Land Management
- Bureau of Reclamation
- State
- Private

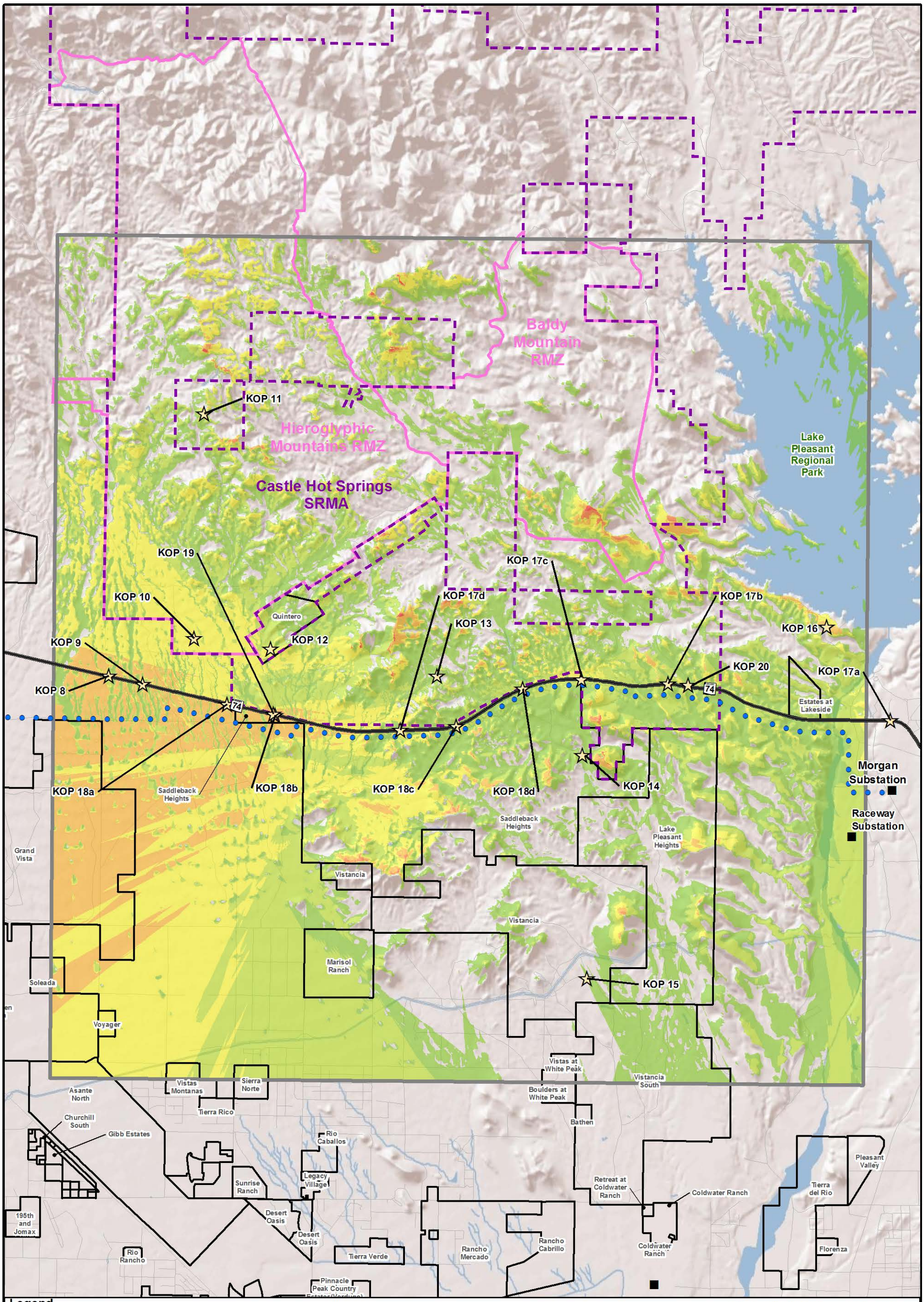
Photograph Information

Time of photograph:	9:38 AM
Date of photograph:	10-19-11
Weather condition:	Clear
Viewing direction:	Southwest
Latitude:	33°50'51.52"N
Longitude:	112°16'49.57"W
Camera:	Nikon D700
Lens:	50mm
Lighting condition:	Sidelit
Nearest tower in view:	1.56 Miles

Photograph is intended to be viewed 18 inches from viewer's eyes when printed on 11x17 paper. The photograph below has been cropped top and bottom to show a wide angle of view with the above photograph's area shown in yellow.

Figure 4.14-20b
Simulation of Proposed Action
and Alternative 2
from Key Observation Point 16
Lake Pleasant Regional Park Campground
looking southwest

Sun Valley to Morgan 500/230kV
Transmission Line EIS Project



Legend

- KOPs
- Alternative 2 South of SR74 - Structure Locations
- Visual Resources Focus Area
- SRMA
- RMZ
- Existing High-Voltage Substation
- Existing and Future Development Areas

# of Structures Visible

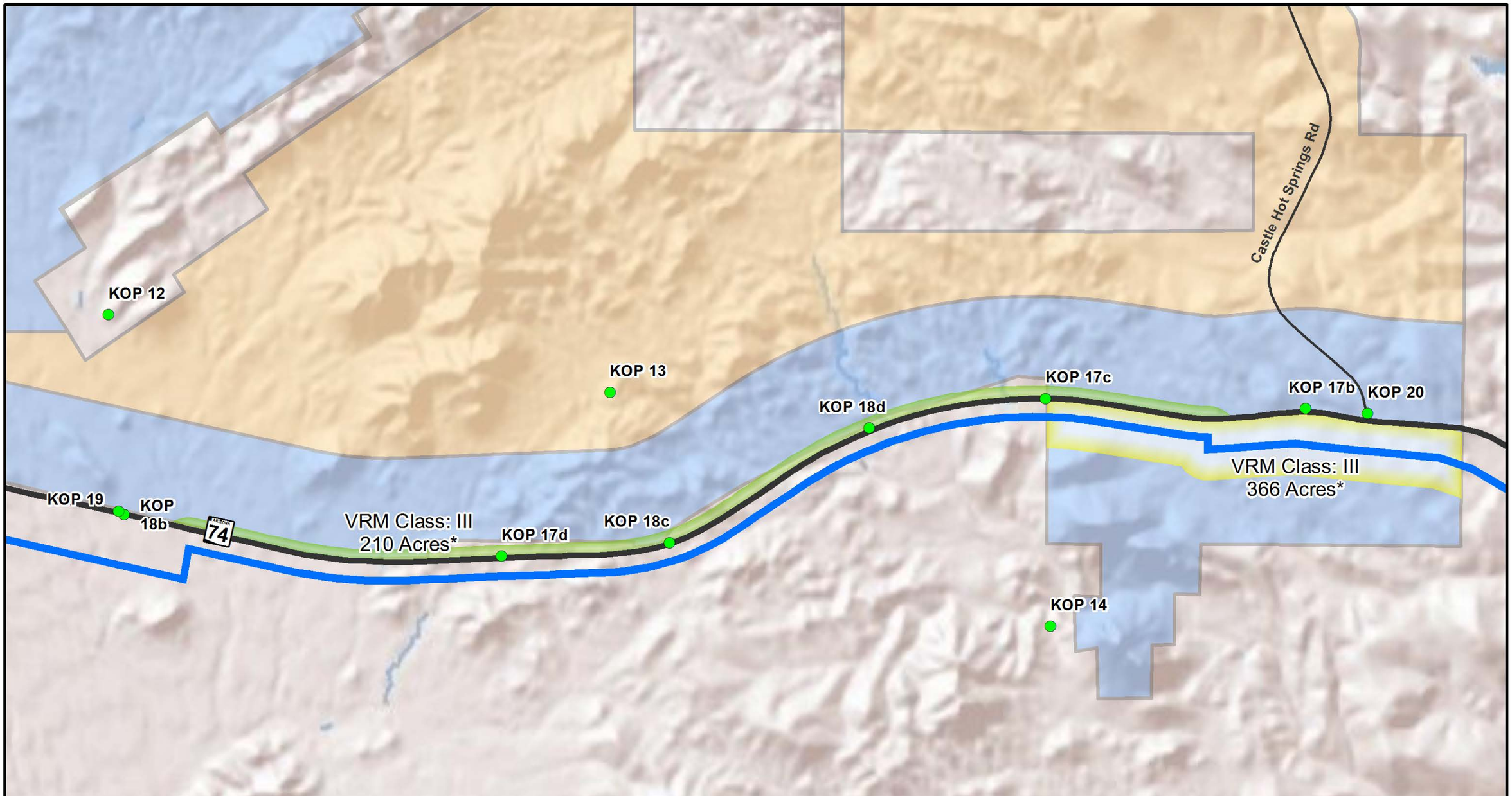
- 0
- 1 - 10
- 11 - 20
- 21 - 30
- 31 - 40
- 41 - 50
- 51 - 70

N

1 0.5 0 1 Miles

Base Map: ESRI Shaded Relief accessed at ArcGISOnline.com
BLM 2011

Figure 4.14-21
Viewshed Analysis Alternative 2 - Visual Resources Focus Area
Sun Valley to Morgan 500/230kV - Transmission Line EIS Project



Legend

Alternative 2 South of SR 74

KOPs

VRM Class Area

II

III

Estimated Area of Visual Dominance by VRM Class

III, North of SR74

III, South of SR74

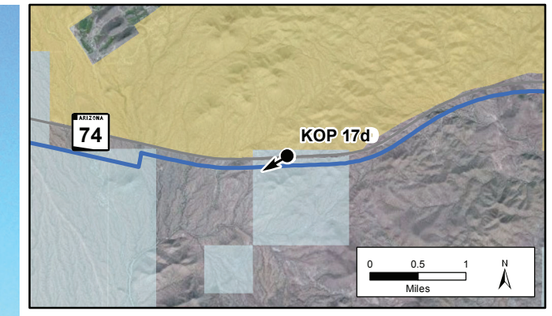
*Estimated acreage of Visual Dominance

N

2,000 0 2,000 Feet

Base Map: ESRI Shaded Relief accessed at ArcGISOnline.com
VRM: BLM 20110
KOPs: BLM 2011

Figure 4.14-22
Alternative 2 - Area of Viewshed Dominance
Sun Valley to Morgan 500/230kV Transmission Line EIS Project



Legend

- Key Observation Point
- Alternative 2 South of SR 74
- Major Roads

Surface Land Management

- Bureau of Land Management
- State
- Private

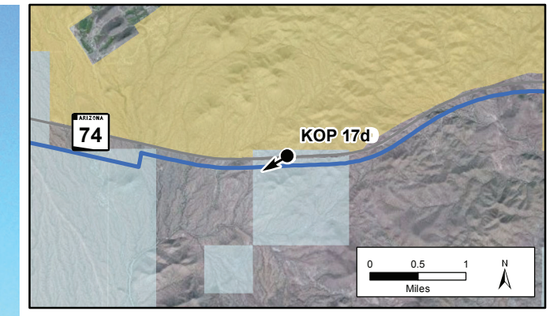
Photograph Information

Time of photograph:	10:43 AM
Date of photograph:	10-19-11
Weather condition:	Clear
Viewing direction:	West
Latitude:	33°49'28.24"N
Longitude:	112°23'18.96"W
Camera:	Nikon D700
Lens:	50mm
Lighting condition:	Sidelit
Nearest tower in view:	NA

Photograph is intended to be viewed 18 inches from viewer's eyes when printed on 11x17 paper. The photograph below has been cropped top and bottom to show a wide angle of view with the above photograph's area shown in yellow.

Figure 4.14-23a
Existing Conditions
from Key Observation Point 17d
Westbound view from SR 74 looking west

Sun Valley to Morgan 500/230kV Transmission Line EIS Project



Legend

- Key Observation Point
- Alternative 2 South of SR 74
- Major Roads

Surface Land Management

- Bureau of Land Management
- State
- Private

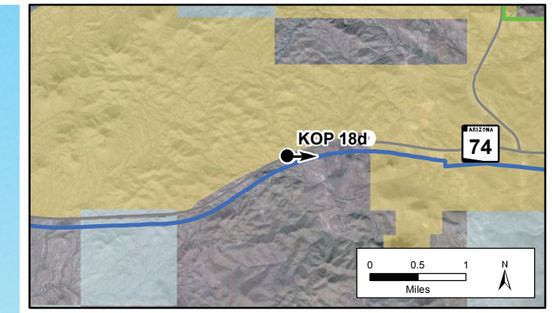
Photograph Information

Time of photograph:	10:43 AM
Date of photograph:	10-19-11
Weather condition:	Clear
Viewing direction:	West
Latitude:	33°49'28.24"N
Longitude:	112°23'18.96"W
Camera:	Nikon D700
Lens:	50mm
Lighting condition:	Sidelit
Nearest tower in view:	0.32 Miles

Photograph is intended to be viewed 18 inches from viewer's eyes when printed on 11x17 paper. The photograph below has been cropped top and bottom to show a wide angle of view with the above photograph's area shown in yellow.

Figure 4.14-23b
Simulation of Alternative 2
from Key Observation Point 17d
Westbound view from SR 74 looking west

Sun Valley to Morgan 500/230kV
Transmission Line EIS Project



Legend

- Key Observation Point
- Alternative 2 South of SR 74
- Major Roads
- Regional Park

Surface Land Management

- Bureau of Land Management
- State
- Private

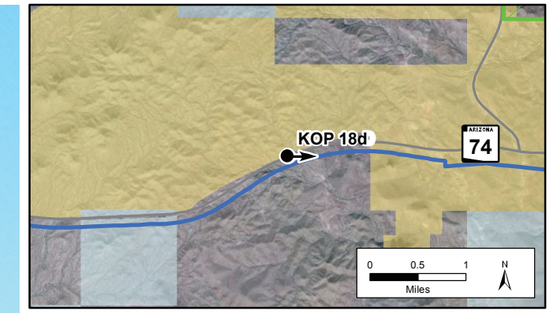
Photograph Information

Time of photograph:	10:26 AM
Date of photograph:	10-19-11
Weather condition:	Clear
Viewing direction:	East
Latitude:	33°50'1.19"N
Longitude:	112°21'27.25"W
Camera:	Nikon D700
Lens:	50mm
Lighting condition:	Sidelit
Nearest tower in view:	NA

Photograph is intended to be viewed 18 inches from viewer's eyes when printed on 11x17 paper. The photograph below has been cropped top and bottom to show a wide angle of view with the above photograph's area shown in yellow.

Figure 4.14-24a
Existing Conditions
from Key Observation Point 18d
Eastbound view from SR 74 looking east

Sun Valley to Morgan 500/230kV
Transmission Line EIS Project



Legend

- Key Observation Point
- Alternative 2 South of SR 74
- Major Roads
- Regional Park

Surface Land Management

- Bureau of Land Management
- State
- Private

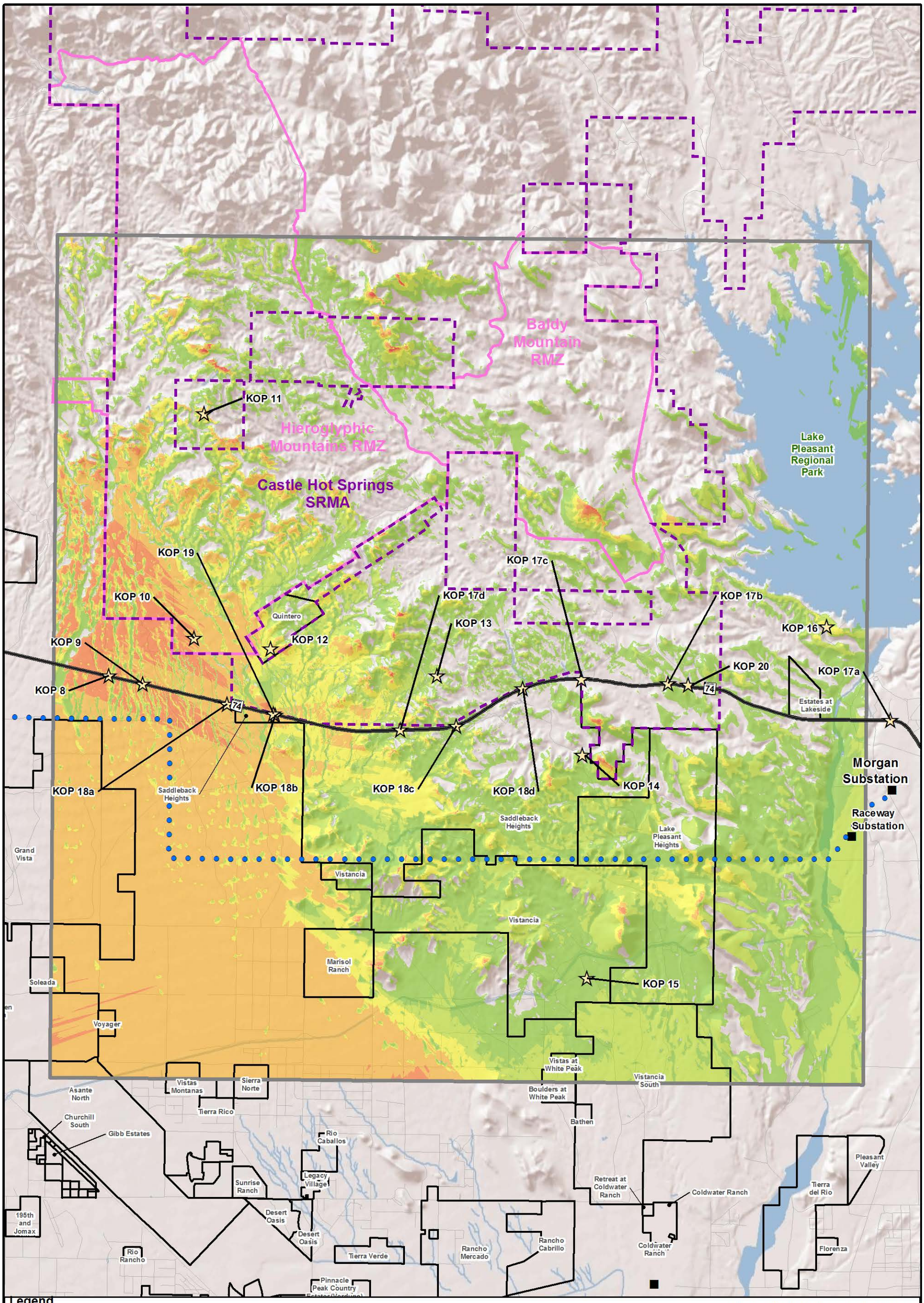
Photograph Information

Time of photograph:	10:26 AM
Date of photograph:	10-19-11
Weather condition:	Clear
Viewing direction:	East
Latitude:	33°50'1.19"N
Longitude:	112°21'27.25"W
Camera:	Nikon D700
Lens:	50mm
Lighting condition:	Sidelit
Nearest tower in view:	0.42 Miles

Photograph is intended to be viewed 18 inches from viewer's eyes when printed on 11x17 paper. The photograph below has been cropped top and bottom to show a wide angle of view with the above photograph's area shown in yellow.

Figure 4.14-24b
Simulation of Alternative 2
from Key Observation Point 18d
Eastbound view from SR 74 looking east

Sun Valley to Morgan 500/230kV
Transmission Line EIS Project



Legend

- KOPs
- Alternative 3 Carefree Highway - Structure Locations
- Visual Resources Focus Area
- SRMA
- RMZ
- Existing High-Voltage Substation
- Existing and Future Development Areas

# of Structures Visible

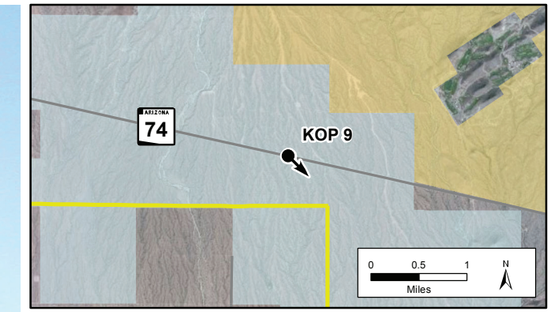
- 0
- 1 - 10
- 11 - 20
- 21 - 30
- 31 - 40
- 41 - 50
- 51 - 70

N

1 0.5 0 1 Miles

Base Map: ESRI Shaded Relief accessed at ArcGISOnline.com
BLM 2011

Figure 4.14-25
Viewshed Analysis Alternative 3 - Visual Resources Focus Area
Sun Valley to Morgan 500/230kV - Transmission Line EIS Project



Legend

- Key Observation Point
- Alternative 3 Carefree Highway
- Major Roads

Surface Land Management

- Bureau of Land Management
- State
- Private

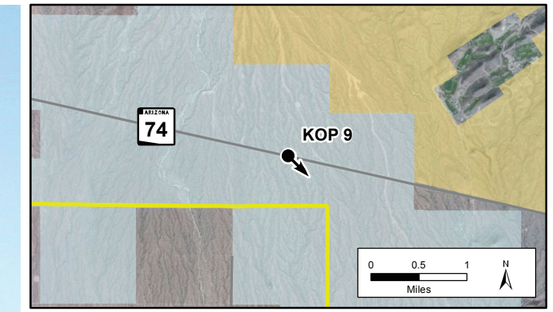
Photograph Information

Time of photograph:	11:51 AM
Date of photograph:	2-21-08
Weather condition:	Clear
Viewing direction:	Southeast
Latitude:	33°50'0.54"N
Longitude:	112°27'15.64"W
Camera:	Canon Rebel EOS XT
Lens:	50mm
Lighting condition:	Backlit
Nearest tower in view:	NA

Photograph is intended to be viewed 18 inches from viewer's eyes when printed on 11x17 paper. The photograph below has been cropped top and bottom to show a wide angle of view with the above photograph's area shown in yellow.

Figure 4.14-26a
Existing Conditions
from Key Observation Point 9
Vicinity of SR 74 and 179th Avenue looking southeast

Sun Valley to Morgan 500/230kV
Transmission Line EIS Project



Legend

- Key Observation Point
- Alternative 3 Carefree Highway
- Major Roads

Surface Land Management

- Bureau of Land Management
- State
- Private

Photograph Information

Time of photograph:	11:51 AM
Date of photograph:	2-21-08
Weather condition:	Clear
Viewing direction:	Southeast
Latitude:	33°50'0.54"N
Longitude:	112°27'15.64"W
Camera:	Canon Rebel EOS XT
Lens:	50mm
Lighting condition:	Backlit
Nearest tower in view:	0.50 Mile

Photograph is intended to be viewed 18 inches from viewer's eyes when printed on 11x17 paper. The photograph below has been cropped top and bottom to show a wide angle of view with the above photograph's area shown in yellow.

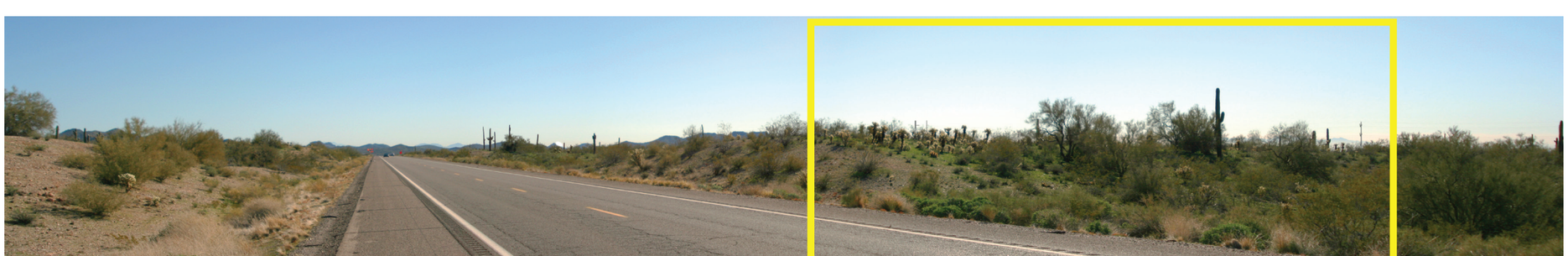
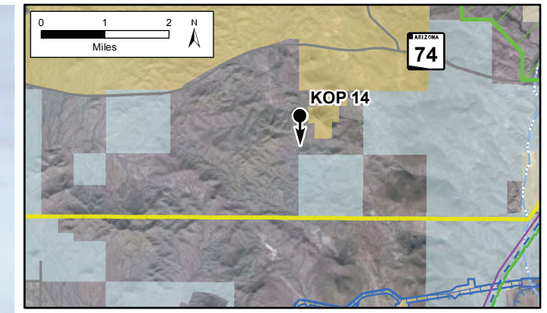


Figure 4.14-26b
Simulation of Alternative 3
from Key Observation Point 9
Vicinity of SR 74 and 179th Avenue looking southeast

Sun Valley to Morgan 500/230kV
Transmission Line EIS Project



Legend

- Key Observation Point
- Alternative 3 Carefree Highway
- Existing 500kV Transmission Line
- Existing 230kV Transmission Line
- Approved High-Voltage Transmission Line
- Major Roads
- Wash or Stream
- Canal
- Central Arizona Project Canal
- Regional Park

Surface Land Management

- Bureau of Land Management
- Bureau of Reclamation
- State
- Private

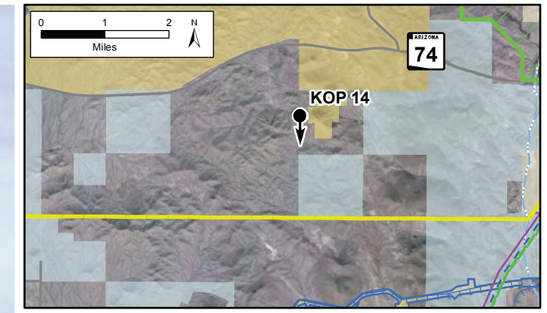
Photograph Information

Time of photograph:	10:24 AM
Date of photograph:	10-4-08
Weather condition:	Cloudy
Viewing direction:	South
Latitude:	33°49'11.03"N
Longitude:	112°20'31.88"W
Camera:	Canon Rebel EOS XT
Lens:	50mm
Lighting condition:	Sidelit
Nearest tower in view:	NA

Photograph is intended to be viewed 18 inches from viewer's eyes when printed on 11x17 paper. The photograph below has been cropped top and bottom to show a wide angle of view with the above photograph's area shown in yellow.

Figure 4.14-27a
Existing Conditions
from Key Observation Point 14
Saddleback Heights property looking south

Sun Valley to Morgan 500/230kV
Transmission Line EIS Project



Legend

- Key Observation Point
- Alternative 3 Carefree Highway
- Existing 500kV Transmission Line
- Existing 230kV Transmission Line
- Approved High-Voltage Transmission Line
- Major Roads
- Wash or Stream
- Canal
- Central Arizona Project Canal
- Regional Park

Surface Land Management

- Bureau of Land Management
- Bureau of Reclamation
- State
- Private

Photograph Information

Time of photograph:	10:24 AM
Date of photograph:	10-4-08
Weather condition:	Cloudy
Viewing direction:	South
Latitude:	33°49'11.03"N
Longitude:	112°20'31.88"W
Camera:	Canon Rebel EOS XT
Lens:	50mm
Lighting condition:	Sidelit
Nearest tower in view:	1.41 Miles

Photograph is intended to be viewed 18 inches from viewer's eyes when printed on 11x17 paper. The photograph below has been cropped top and bottom to show a wide angle of view with the above photograph's area shown in yellow.

Figure 4.14-27b
Simulation of Alternative 3
from Key Observation Point 14
Saddleback Heights property looking south

Sun Valley to Morgan 500/230kV
Transmission Line EIS Project