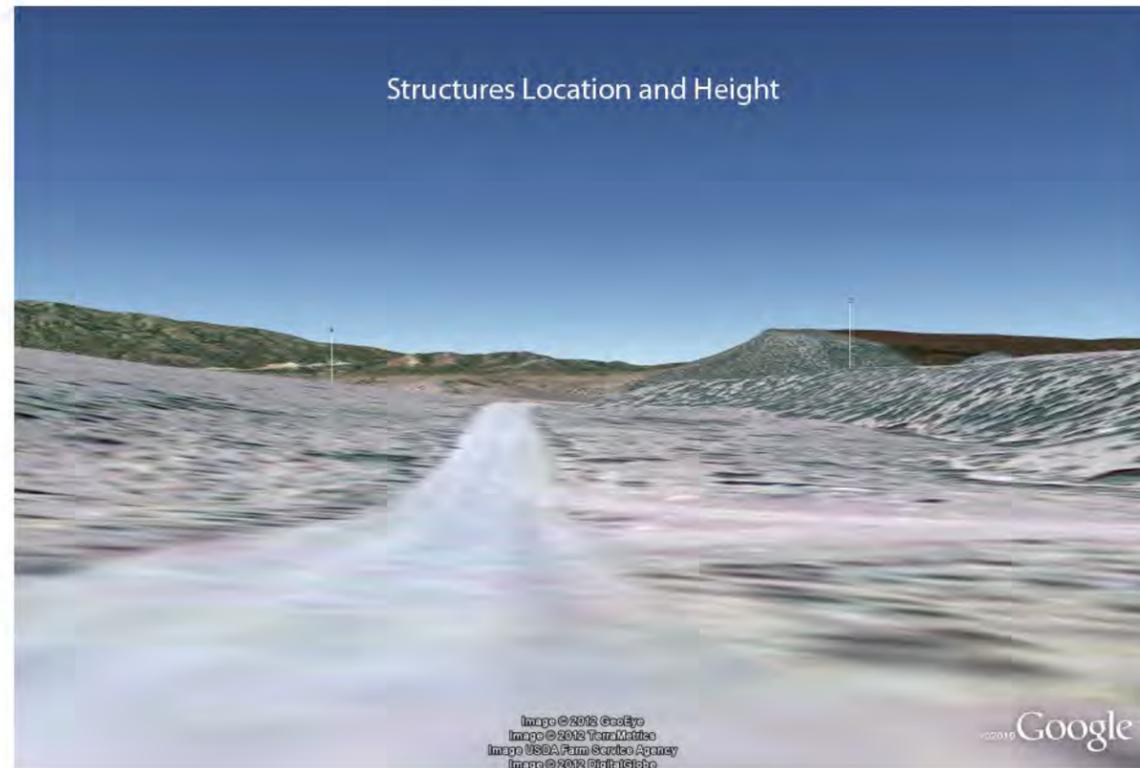




KOP Photograph



Structures Location and Height

Image © 2012 Google
 Image © 2012 TerraMetrics
 Image USGS, Fera 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 Pinto Road (westbound) Township 37S Range 16W Section 36	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 PJ. Clumps of sagebrush and grasses.	Planar roadway and H-frame. Pyramidal steel lattice towers.
LINE	Curvilinear and angular ridgelines.	Irregular PJ, sagebrush and grass patterns.	Meandering roadway. Vertical and horizontal towers and curvilinear conductors.
COLOR	Light to medium reddish tan and grey.	Dark green PJ 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					
Form													X				
Line														X			
Color														X			
Texture															X		

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

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

Evaluator's Names: M. Paulson Date: 01/04/13

Rationale:

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

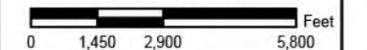
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



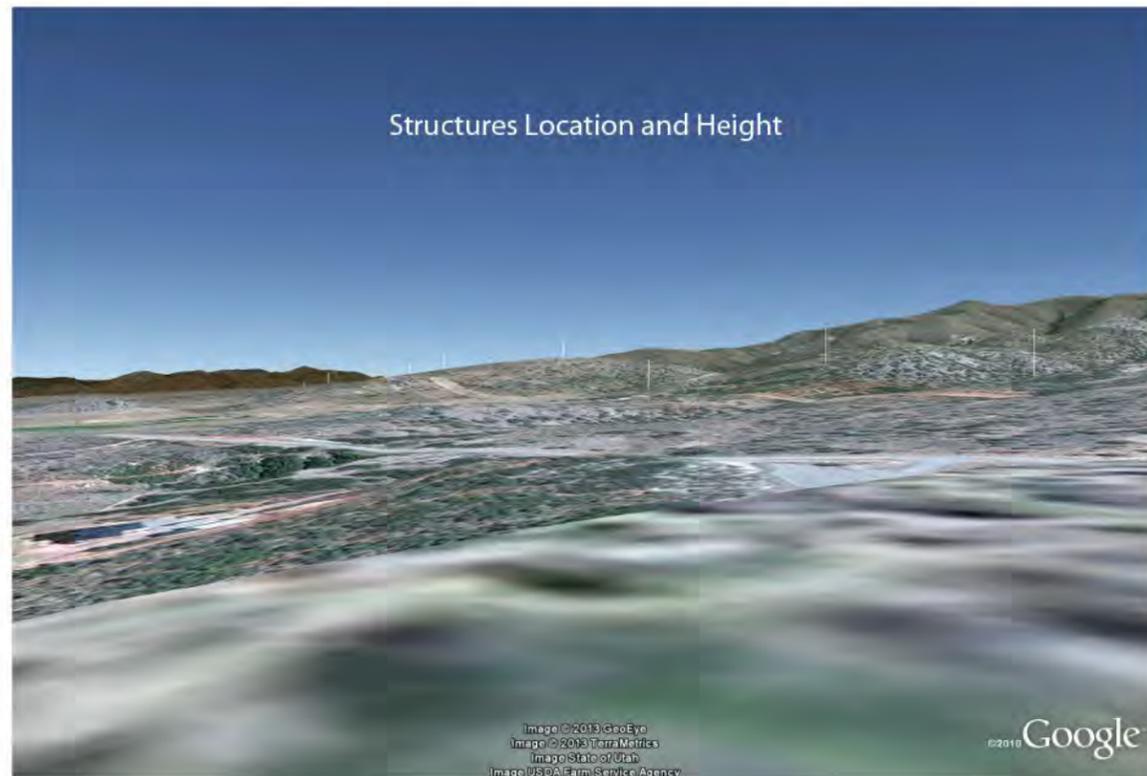
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP SG-1
 Pinto Road
 (westbound)
 (Segment 501)





KOP Photograph



Structures Location and Height

Image © 2013 GeoEye
Image © 2013 TerraMetrics
Image © State of Utah
Image USDA Farm Service Agency

©2013 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>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 PJ. 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 PJ, sagebrush and grass patterns.	Meandering pipeline ROW. Vertical and horizontal towers and residential.
COLOR	Light to medium reddish tan and grey.	Dark green PJ 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.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

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

Rationale:
Where the Project would be located within 0.5 miles of the viewer and parallels existing large H-frame and steel lattice transmission lines, it would have weak contrast and would be consistent with High SIO or Retention VQO management objectives. Mitigation measures (VR-1 and VR-7) 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.

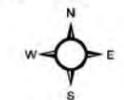
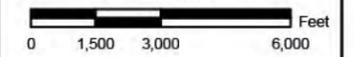
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

**KOP SG-2
Mountain Meadows National
Historic Landmark and Site
(Segment 501)**

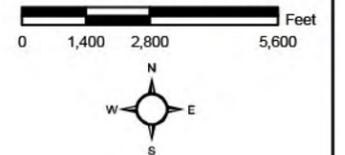




Project Location



KOP Location



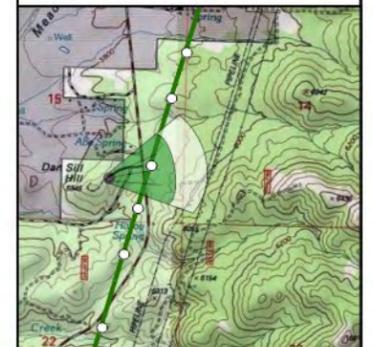
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP SG-2
Mitigated Condition
(Segment 501)

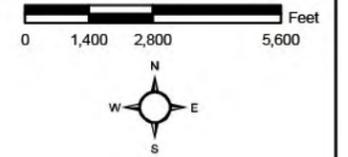




Project Location



KOP Location



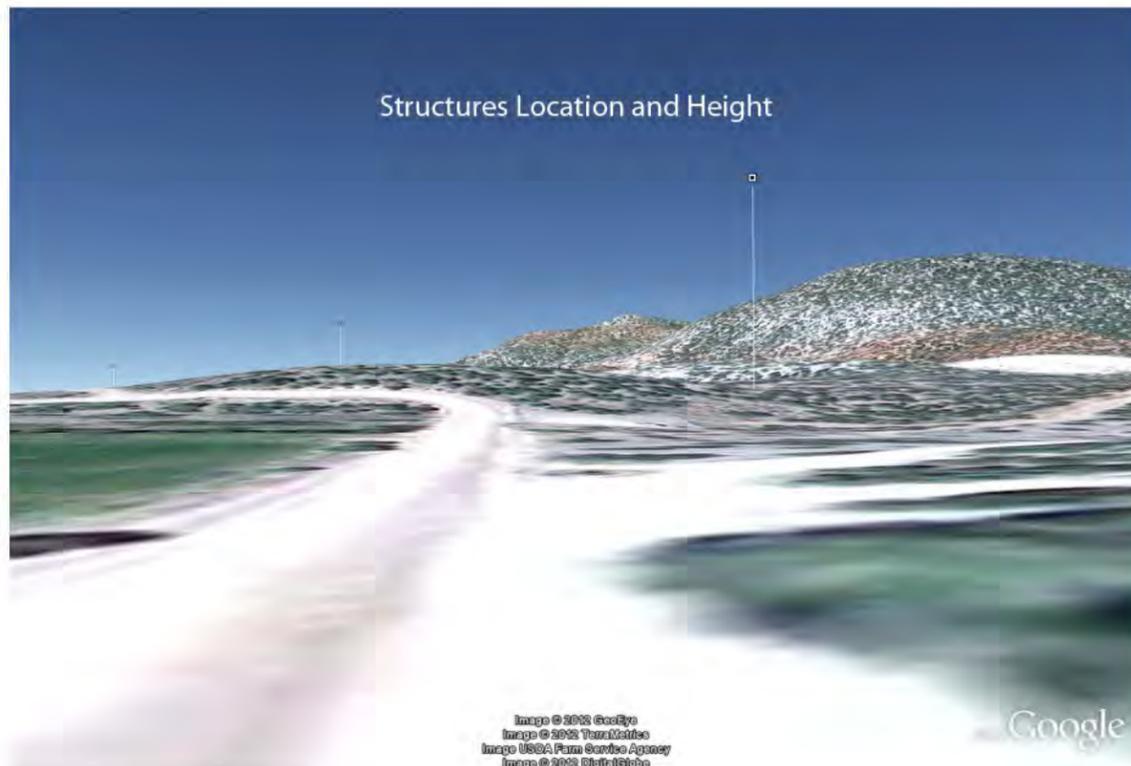
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP SG-2
Simulated Condition
(Segment 501)





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 Pine Valley Highway (westbound)	5. Location Sketch Please see Figure 3.12-3
2. Key Observation Point SG-4	Township 39S	
3. VRM Class IV	Range 16W Section 3	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

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

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

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

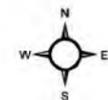


Project Location



KOP Location

0 1,450 2,900 5,800 Feet



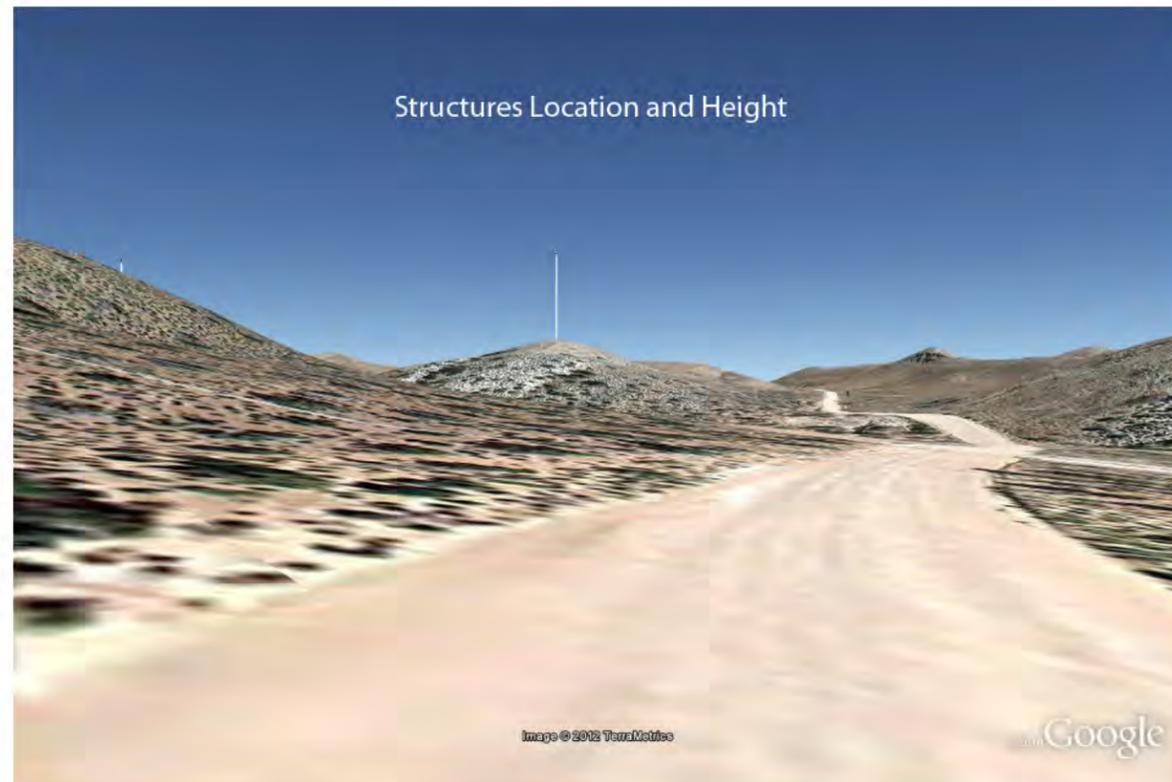
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP SG-4
 Pine Valley Highway
 (westbound)
 (Segment 501)





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 (southbound)</u> Township <u>40S</u> Range <u>18W</u> Section <u>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 PJ. Clumps of rabbit brush, sagebrush and grasses.	Planar roadway and building.
LINE	Curvilinear and angular ridgelines.	Irregular PJ, rabbit brush, sagebrush and grass patterns.	Meandering roadway. Vertical utility poles.
COLOR	Light to medium reddish tan and grey..	Dark green PJ 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

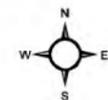
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended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



Project Location



KOP Location



TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP SG-5
Gunlock Road
(southbound)
(Segment 502)



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 1995)

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 Mojave Joshua Scenic Bkwy (wb) Township 43S Range 18W Section 30	5. Location Sketch Please see Figure 3.12-3
--------------------------------------	--	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar valley floor. 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

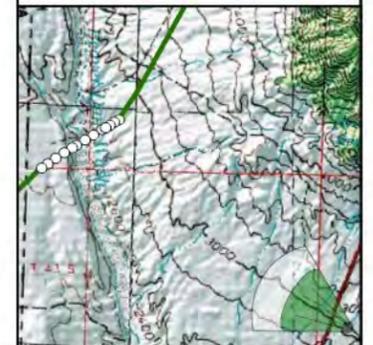
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)		
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <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 visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

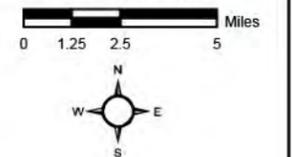
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



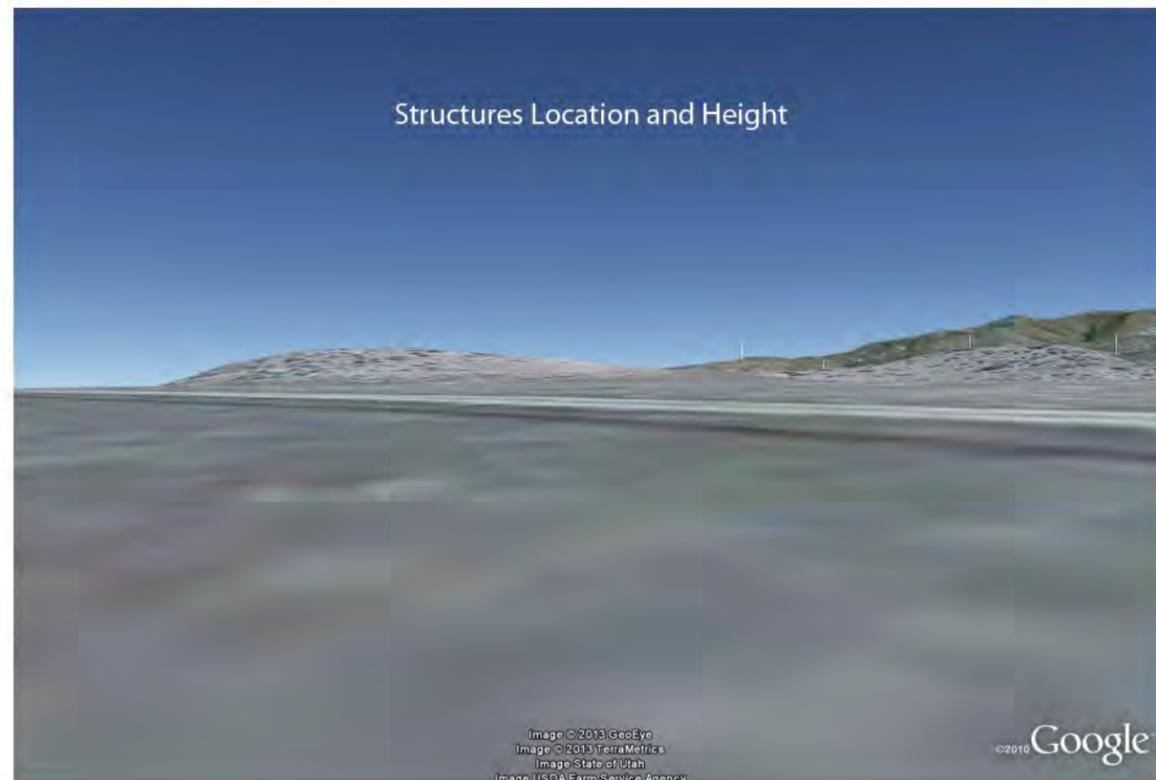
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP SG-6
Mojave Joshua
Scenic Bkwy (westbound)
(Segment 502)





KOP Photograph



Structures Location and Height

Image © 2013 GeoEye
Image © 2013 TerraMetrics
Image State of Utah
Image USDA Farm Service Agency

©2010 Google

Form 8400-4 (September 1985)

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

VISUAL CONTRAST RATING WORKSHEET

Date 08/19/2011

District **St. George FO**

Resource Area _____

Activity (program) _____

SECTION A. PROJECT INFORMATION

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

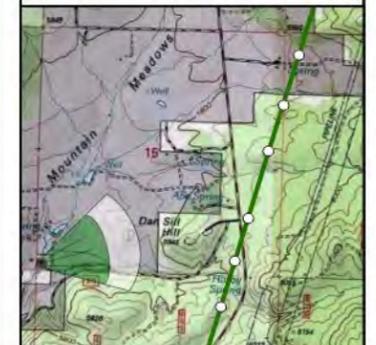
Rationale:

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



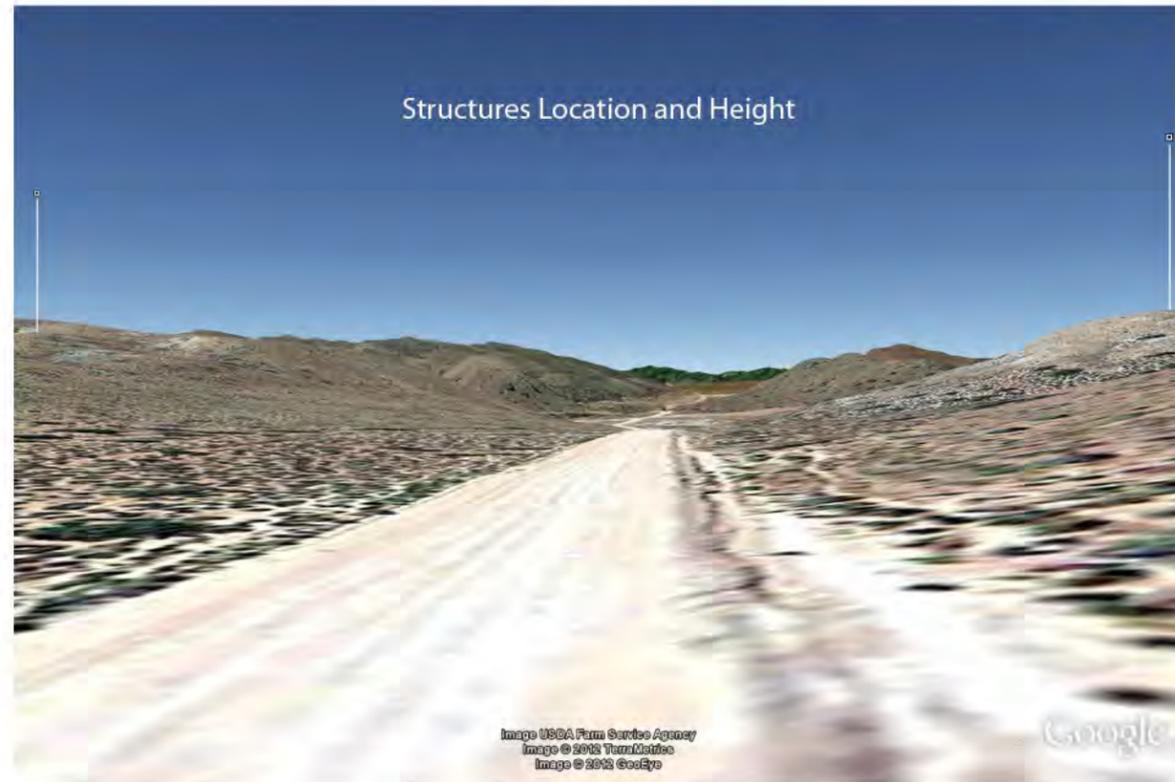
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP SG-7
Mountain Meadows
Memorial Parking
(Segment 501)





KOP Photograph



Structures Location and Height

Image USGS Farm Service Agency
Image © 2012 TomKatlee
Image © 2012 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 (northbound)</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 PJ. Clumps of rabbit brush, sagebrush and grasses.	Pyramidal steel lattice structures. Planar roadway and building.
LINE	Curvilinear and angular ridgelines.	Irregular PJ, 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 PJ 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.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

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

Rationale:

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

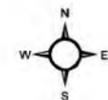
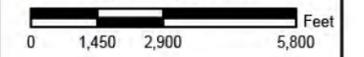
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



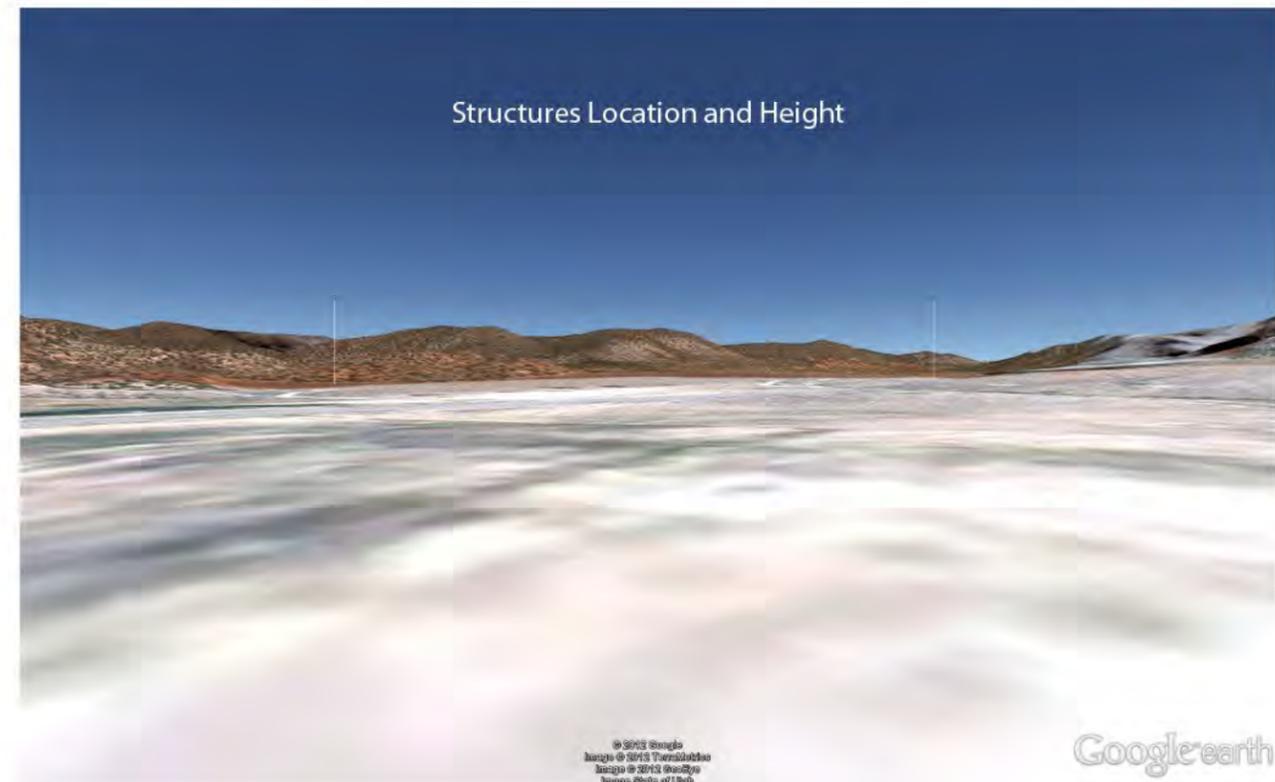
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP SG-8
Gunlock Road
(northbound)
(Segment 502)





KOP Photograph



Structures Location and Height

© 2012 Google
 Image © 2012 TransWest
 Image © 2012 Google
 Image © 2012 Google

Google earth

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	5. Location Sketch Please see Figure 3.12-3
2. Key Observation Point SG-9	Township 37S	
3. VRM Class USFS SIO High	Range 15W	
	Section 34	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Rolling ridgeline and angular mountains.	Blanket and clumps of PJ. Blanket and clumps of sagebrush and grasses.	Planar fences and distribution line.
LINE	Curvilinear and angular ridgelines.	Irregular PJ, sagebrush and grass patterns.	Vertical fences and distribution line
COLOR	Light to medium reddish tan and grey..	Dark green PJ 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 gray 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			
Form													X	Evaluator's Names M. Paulson	Date 08/05/2012
Line													X		
Color													X		
Texture													X		

Rationale:
 Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would be consistent with Moderate SIO or Partial Retention VQO management objectives. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

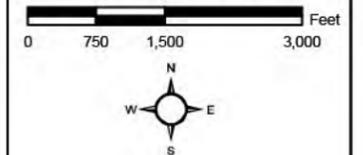
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



**TRANSWEST EXPRESS
 TRANSMISSION PROJECT**

KOP SG-9
 Pinto Residences
 (Segment 506)

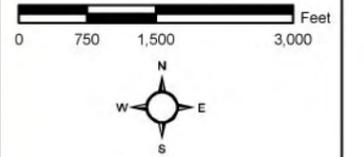




Project Location



KOP Location



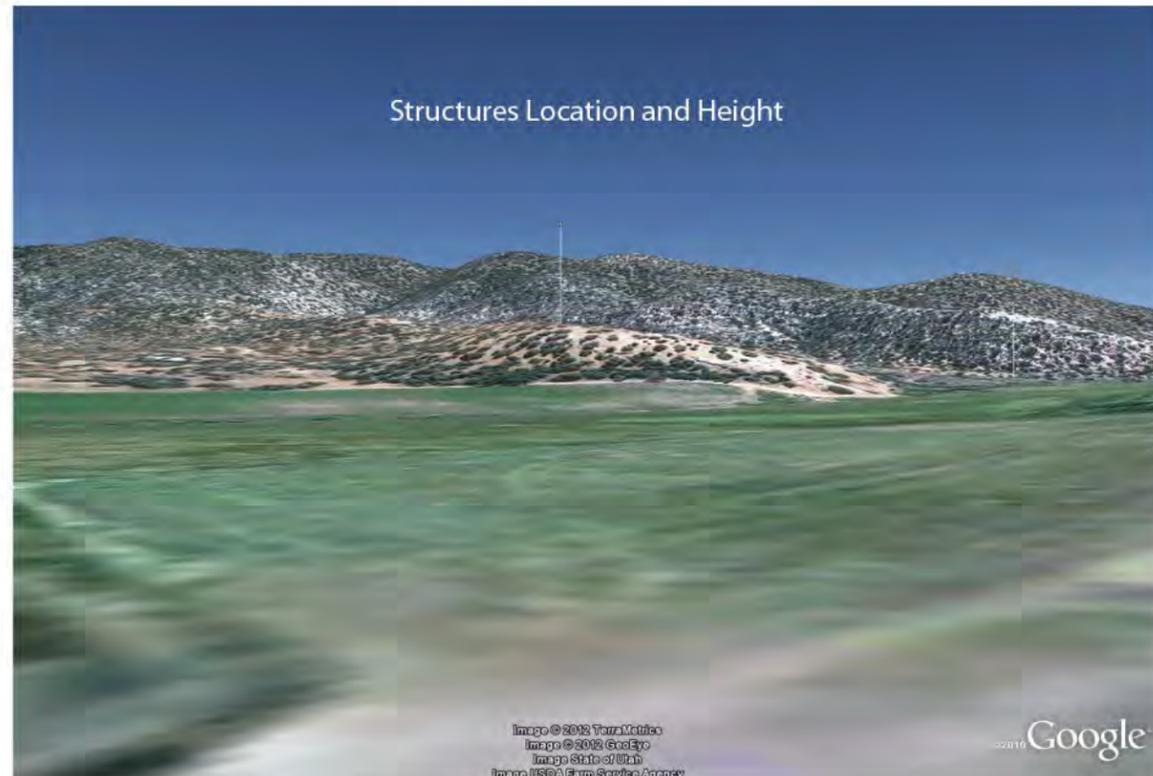
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP SG-9
Simulated Condition
(Segment 506)





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
--------------------------------------	---	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Rolling ridgeline and angular mountains.	Blanket and clumps of PJ. Blanket and clumps of sagebrush and grasses.	Planar fences and distribution line.
LINE	Curvilinear and angular ridgelines.	Irregular PJ, sagebrush and grass patterns.	Vertical fences and distribution line patterns.
COLOR	Light to medium reddish tan and grey.	Dark green PJ 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 gray steel lattice structures, guys, and conductors.
TEXTURE		Smooth to medium.	Coarse steel lattice structures and smooth conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

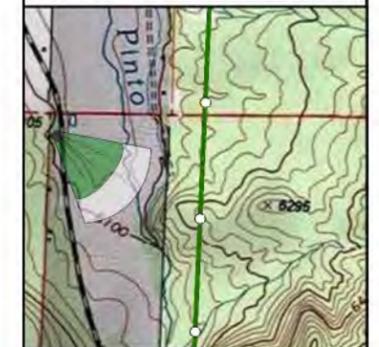
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form					X						X		Evaluator's Names M. Paulson	Date 08/05/2012
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-3, VR-6, and VR-7) would further reduce contrasts.

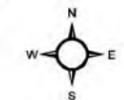
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



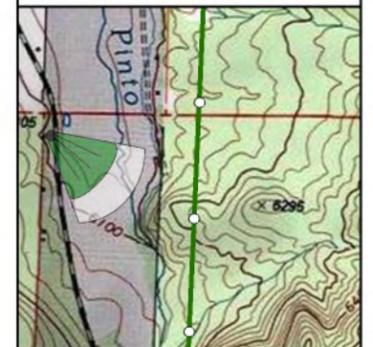
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP SG-10
Pinto Residences
(Segment 506)

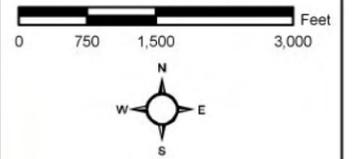




Project Location



KOP Location



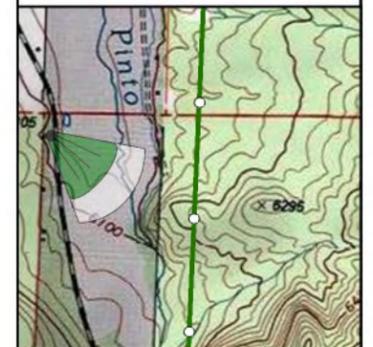
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP SG-10
Simulated Condition
(Segment 506)

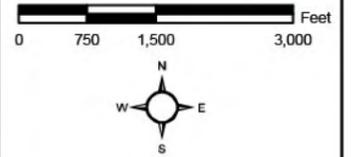




Project Location



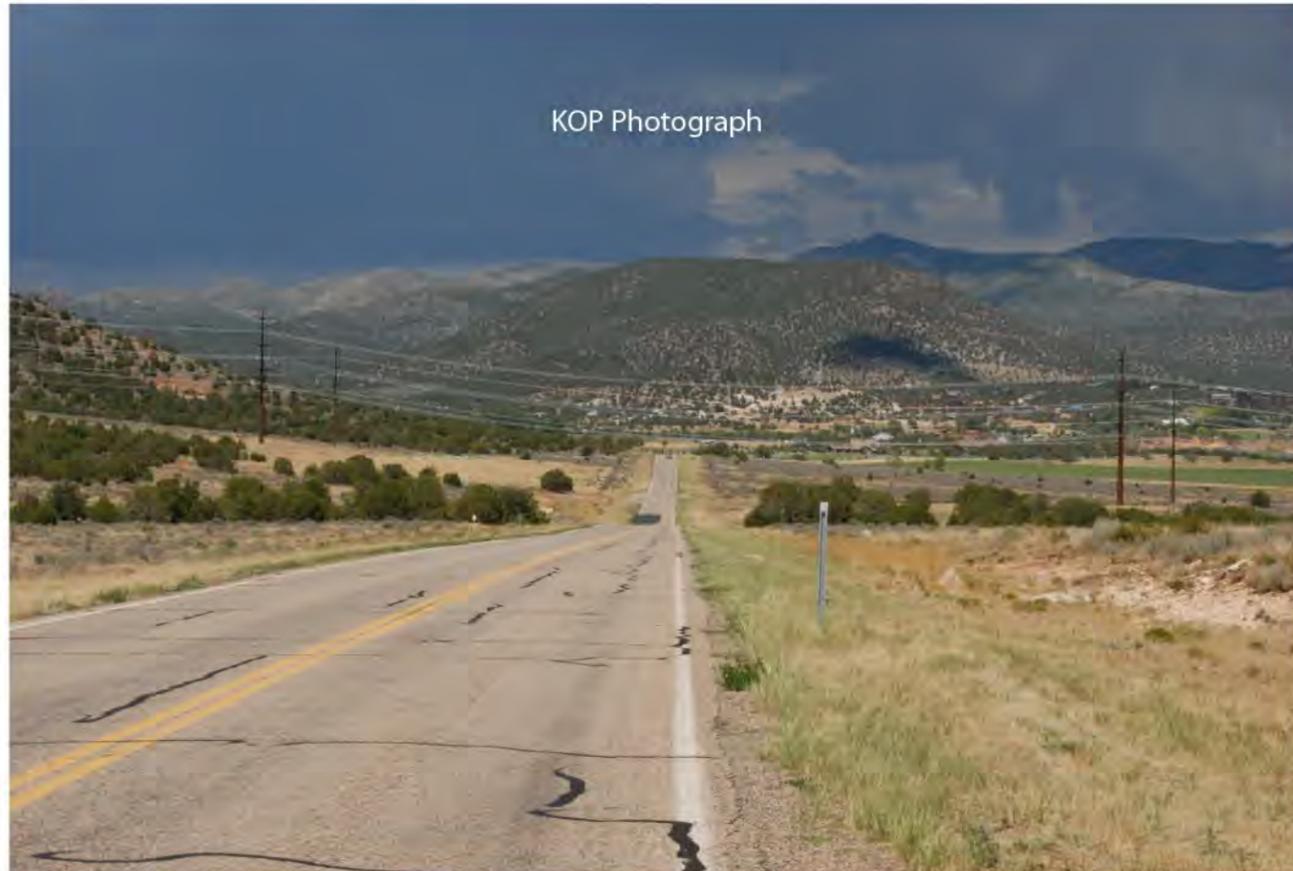
KOP Location



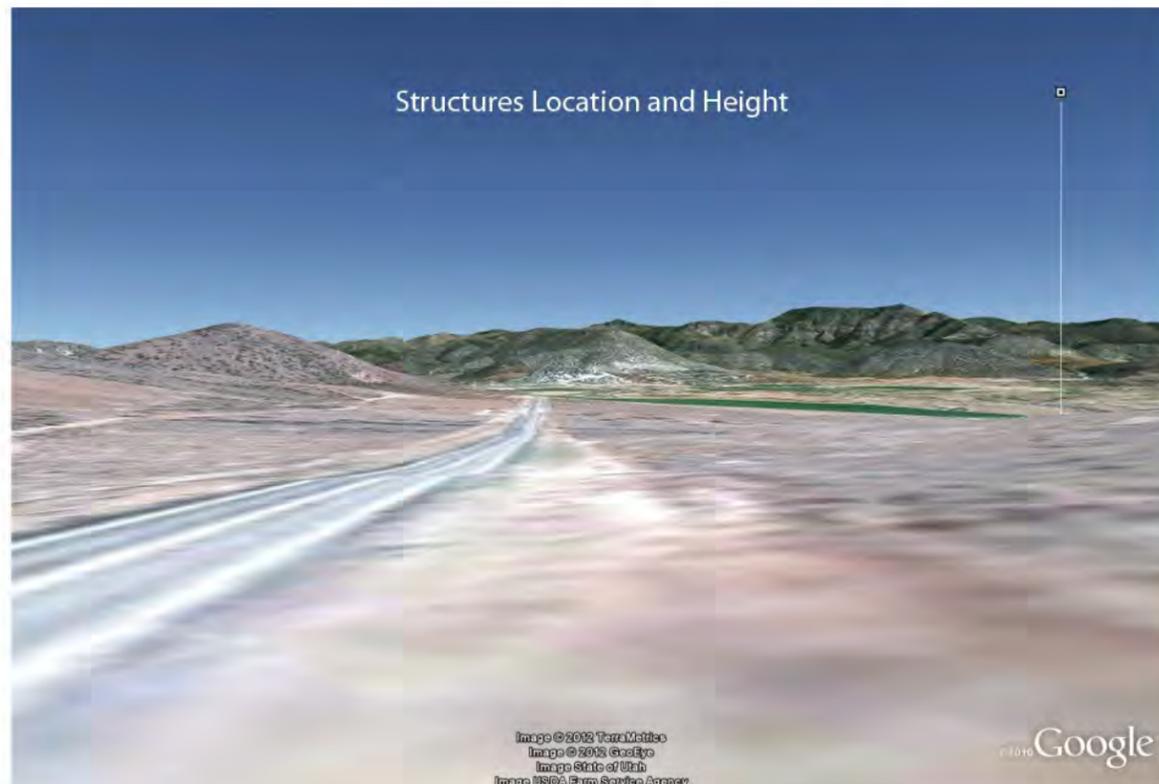
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP SG-10
Cumulative Condition
(Segment 506)





KOP Photograph



Structures Location and Height

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

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 Utah SH 18 (northbound)	5. Location Sketch Please see Figure 3.12-3
2. Key Observation Point SG-11	Township 39S	
3. VRM Class IV	Range 16W Section 16	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

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

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

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

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

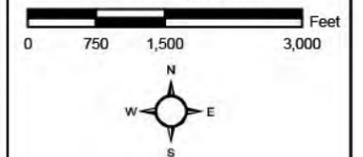
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



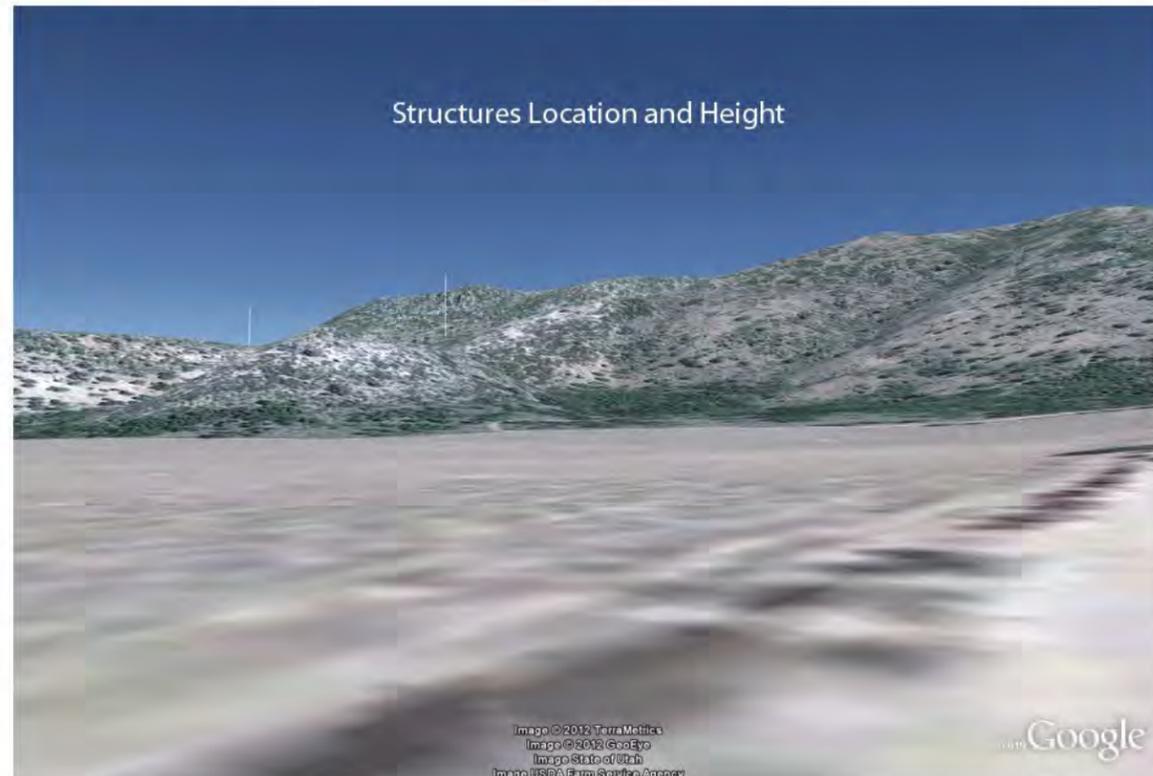
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP SG-11
Utah SH 18 (southbound)
(Segment 506)





KOP Photograph



Structures Location and Height

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

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 **Dixie NF**

Resource Area _____

Activity (program) _____

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Ox Valley</u> Ranch Township <u>38S</u> Range <u>17W</u> Section <u>14</u>	5. Location Sketch Please see Figure 3.12-3
--------------------------------------	---	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Rolling ridgeline and angular mountains.	Blanket and clumps of PJ. Blanket and clumps of sagebrush and grasses.	Planar fences and distribution line.
LINE	Curvilinear and angular ridgelines.	Irregular PJ, sagebrush and grass patterns.	Vertical fences and distribution line patterns.
COLOR	Light to medium reddish tan and grey..	Dark green PJ to light silvery green sagebrush and tan grasses.	Medium to dark brown fences and distribution line .
TEX-TURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

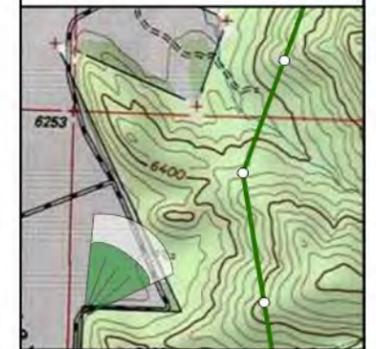
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form													X	Evaluator's Names M. Paulson Date 08/04/2012
Line													X	
Color													X	
Texture													X	

Rationale:
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would be consistent with Moderate SIO or Partial Retention VQO management objectives. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

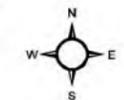
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



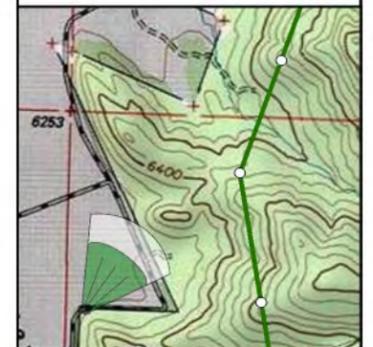
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP SG-12
Ox Valley Ranch
(Segment 505)

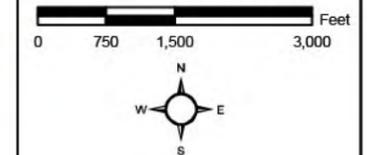




Project Location



KOP Location



**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP SG-12
Simulated Condition
(Segment 505)

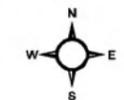




Project Location



KOP Location



**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP SG-13
Simulated Condition
(Segment 504)

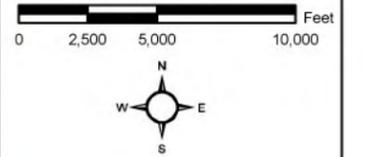




Project Location



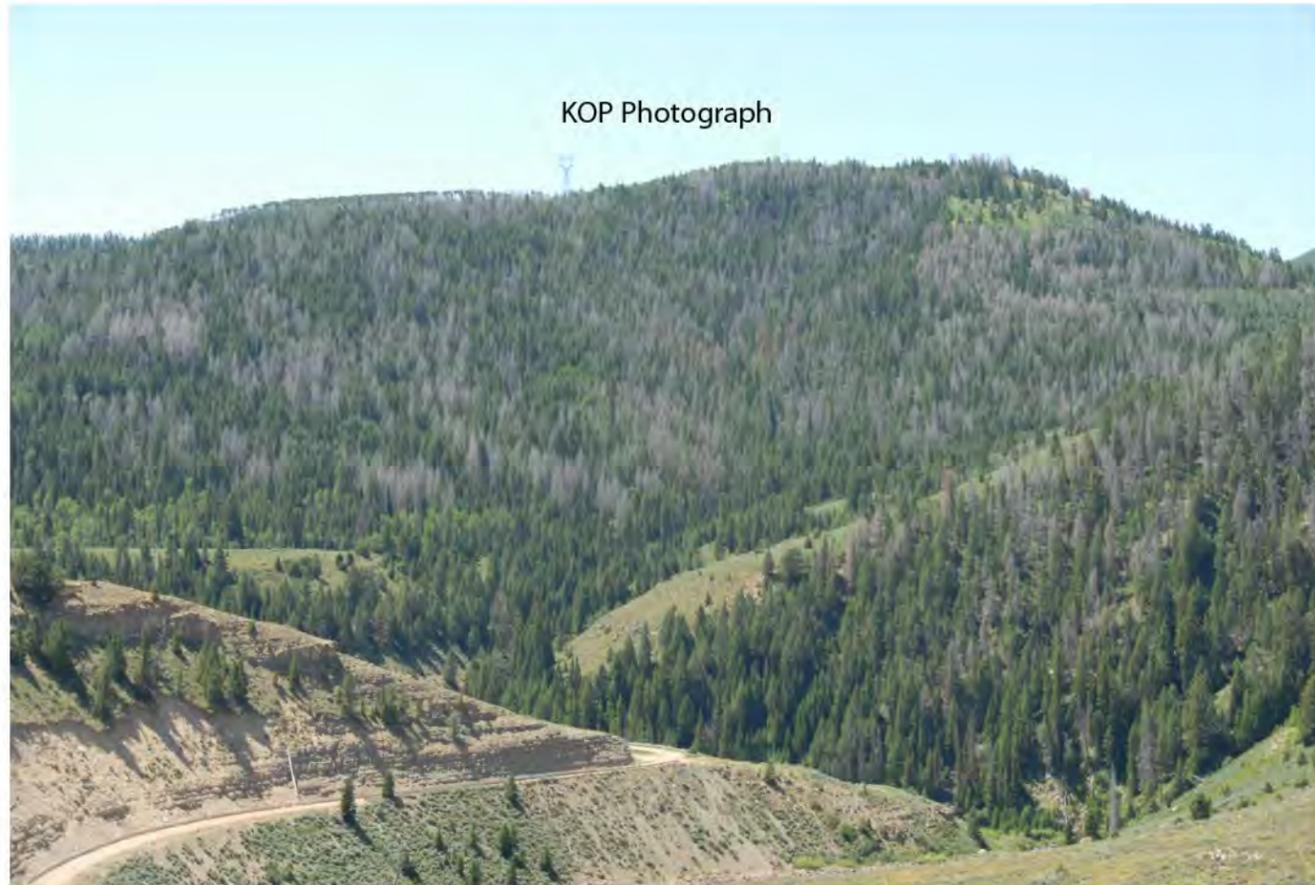
KOP Location



**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP SG-14
Simulated Condition
(Segment 503)





KOP Photograph



Structures Location and Height

Form 5400-4
(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 Soldier Cr. Bay Dam Overlook Township 4S Range 10W Section 16	5. Location Sketch Please see Figure 3.12-2
2. Key Observation Point SL-1 - Segments 320.1 / 320.101 / 320.102 / 320.103		
3. VRM Class USFS VQO Partial Retention		

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.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

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

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 contrast and would not be consistent with Moderate SIO or Partial Retention VQO management objectives. Mitigation measures (VR-1 and VR-7) 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.

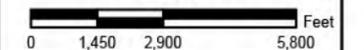
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



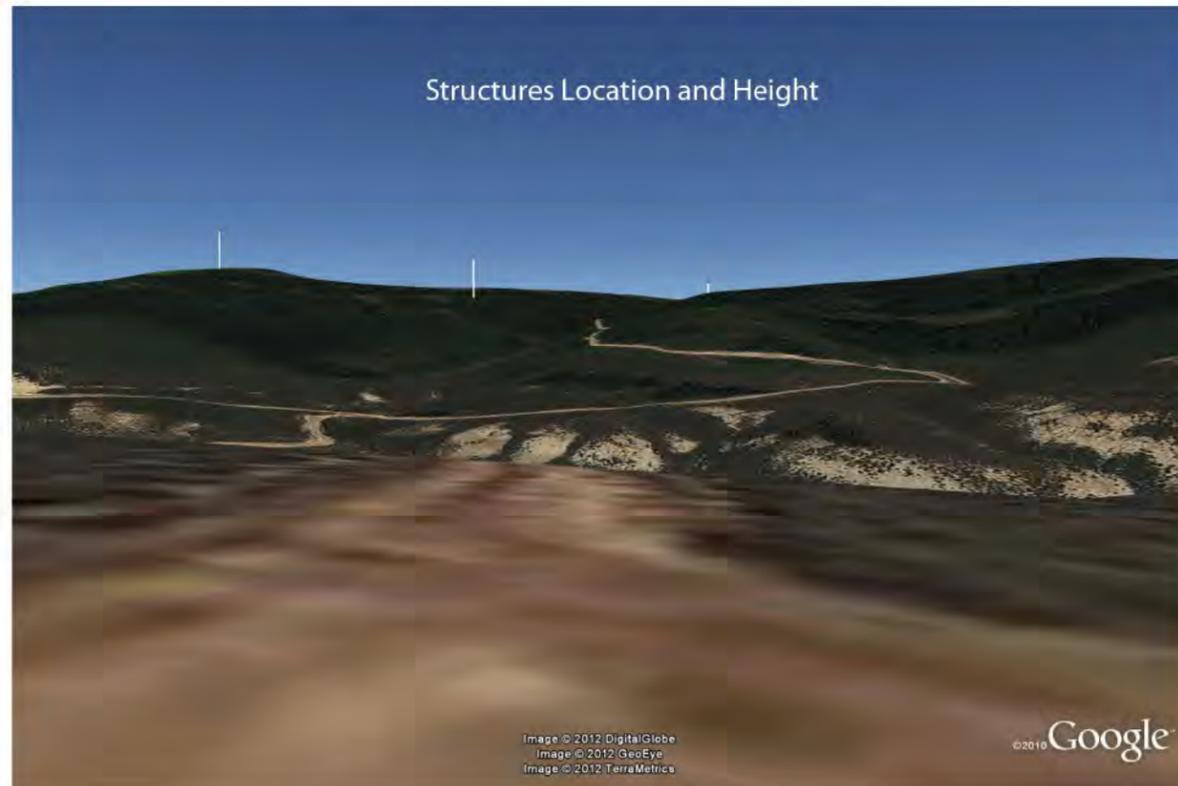
KOP Location



TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP SL-1
Soldier Circle Bay Dam Ovrk
(Segments 320.1 / 320.101 / 320.102 / 320.103)





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>	5. Location Sketch Please see Figure 3.12-2
2. Key Observation Point SL-2 - Segment 320.1	Township <u>5S</u>	
3. VRM Class USFS VQO Partial Retention	Range <u>11W</u>	
	Section <u>17</u>	

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

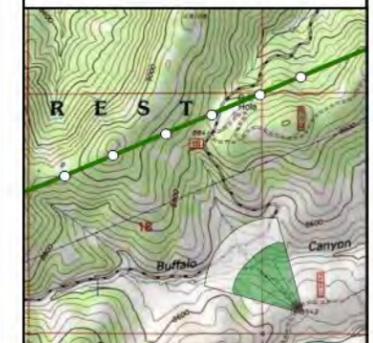
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		ROW clearing of spruce, fir and aspen creates planar forms	Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Horizontal edges of ROW clearing.	Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Green 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

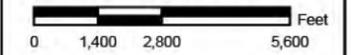
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended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



Project Location



KOP Location



TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP SL-2
White River
Recreation Road
(Segment 320.1)



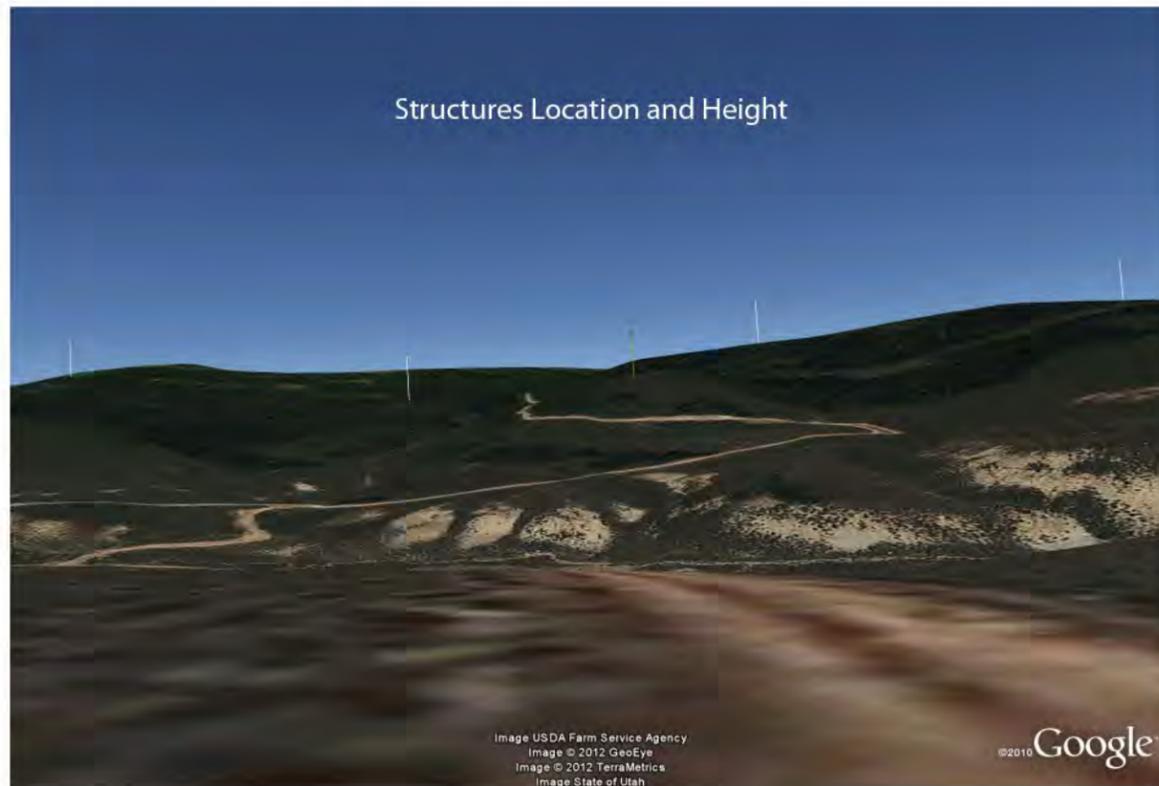
Rationale:

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.



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>	5. Location Sketch Please see Figure 3.12-2
2. Key Observation Point SL-2 – Segment 320.101	Township <u>5S</u>	
3. VRM Class USFS VQO Partial Retention	Range <u>11W</u>	
	Section <u>17</u>	

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-3, VR-6, and VR-7) would further reduce contrasts.

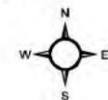
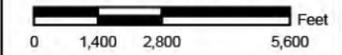
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



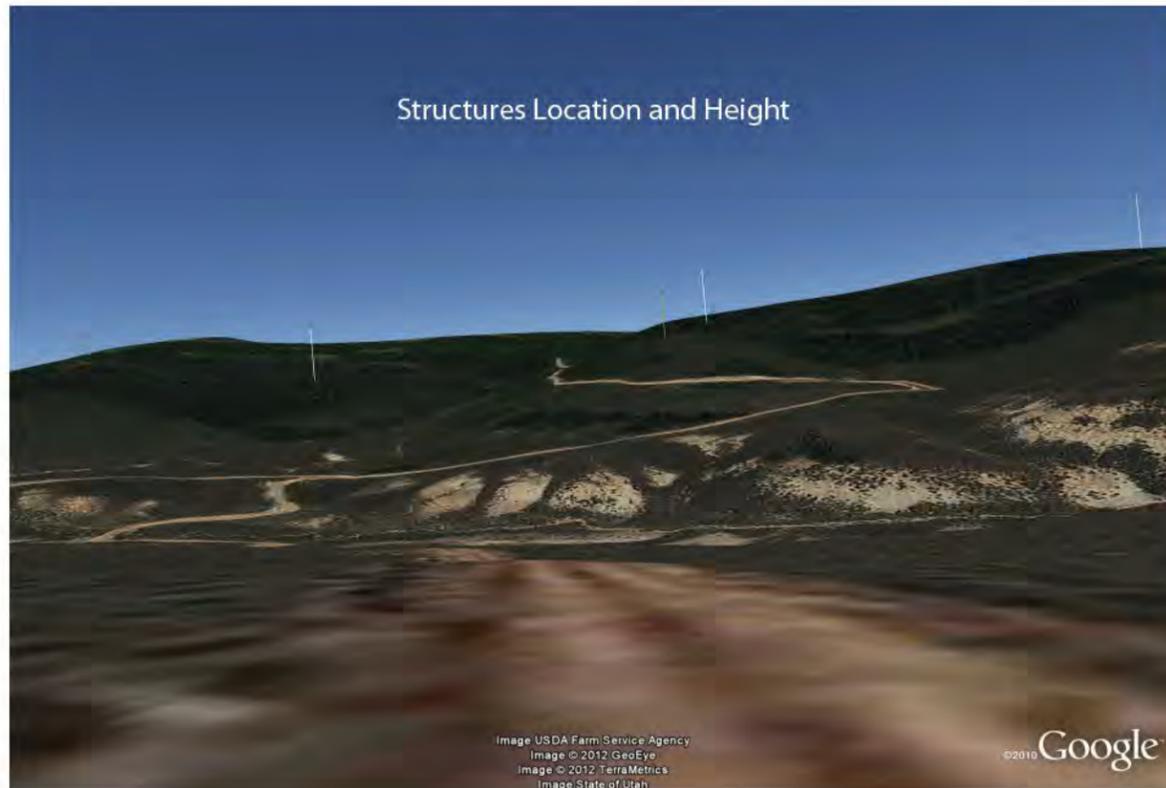
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP SL-2
 White River
 Recreation Road
 (Segment 320.101)





KOP Photograph



Structures Location and Height

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

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Form 8400-4 (September 1985)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 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>	5. Location Sketch Please see Figure 3.12-2
2. Key Observation Point SL-2 - Segment 320.102	Township <u>5S</u>	
3. VRM Class USFS VQO Partial Retention	Range <u>11W</u>	
	Section <u>17</u>	

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-3, VR-6, and VR-7) would further reduce contrasts.

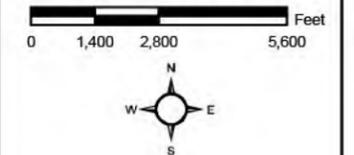
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



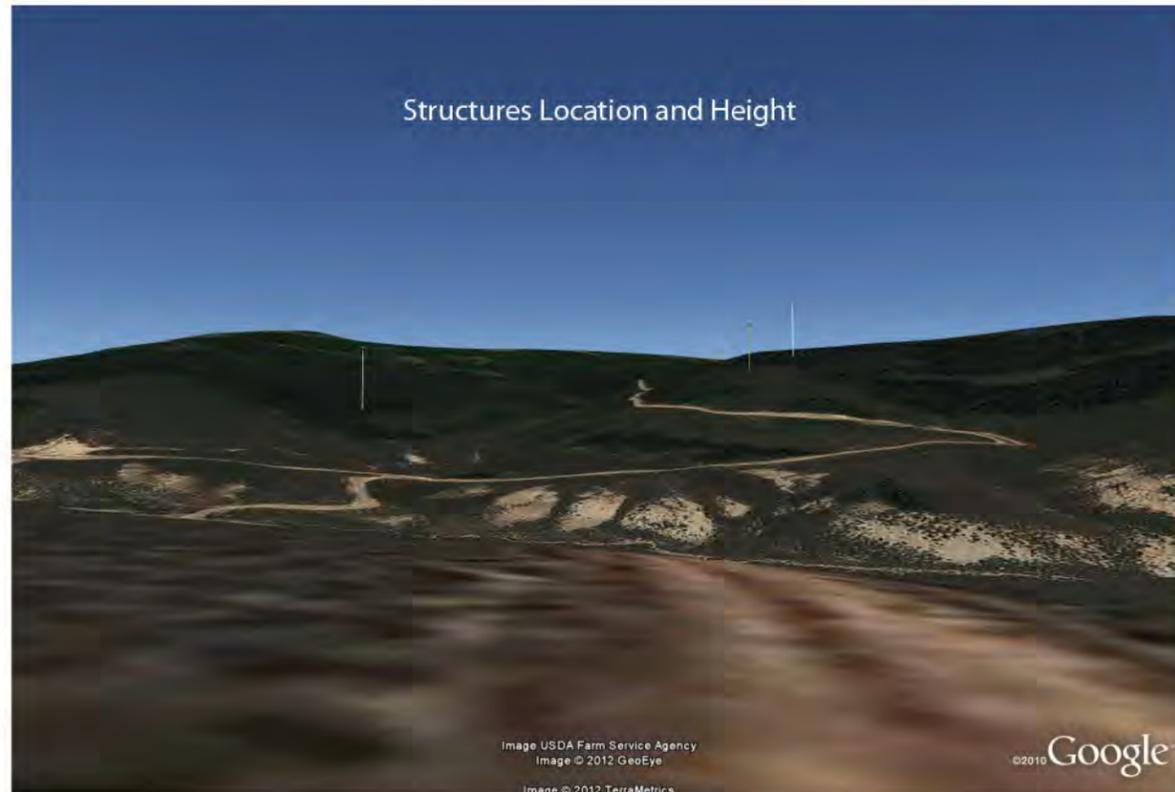
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP SL-2
White River
Recreation Road
(Segment 320.102)





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 Salt Lake FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>WhiteRv- Recreation Rd.</u>	5. Location Sketch Please see Figure 3.12-2
2. Key Observation Point SL-2 - Segment 320.103	Township <u>5S</u>	
3. VRM Class USFS VQO Partial Retention	Range <u>11W</u>	
	Section <u>17</u>	

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-3, VR-6, and VR-7) would further reduce contrasts.

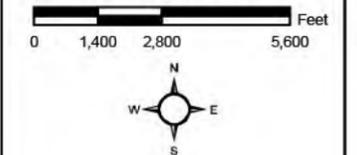
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



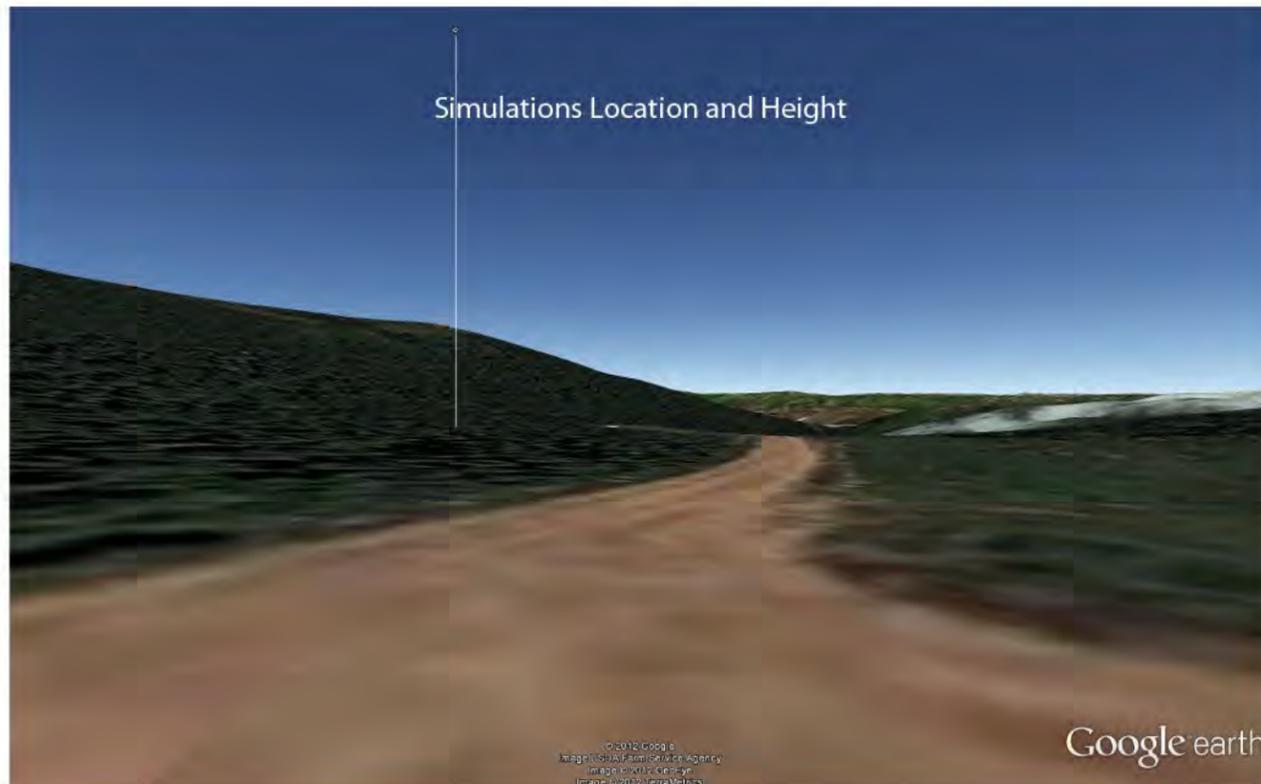
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP SL-2
White River
Recreation Road
(Segment 320.103)





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)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>WhiteRv- StrawberryRd. Backway</u>	5. Location Sketch Please see Figure 3.12-2
2. Key Observation Point SL-3	Township <u>5S</u>	
3. VRM Class USFS VQO Partial Retention	Range <u>11W</u>	
	Section <u>18</u>	

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

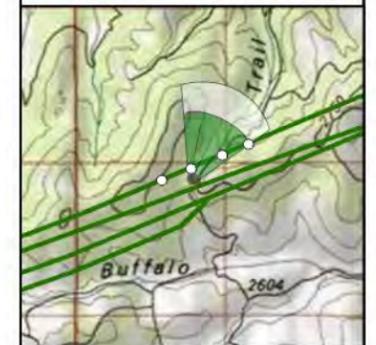
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Planar ROW clearing of aspen, spruce, and fir.	Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Linear ROW clearing of aspen, spruce, and fir.	Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		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

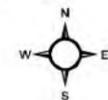
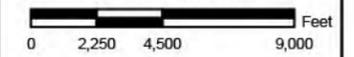
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Explain on reverse side)		
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended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



Project Location



KOP Location



**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP SL-3
White River
Strawberry Road Bckwy
(Segment 320.1)



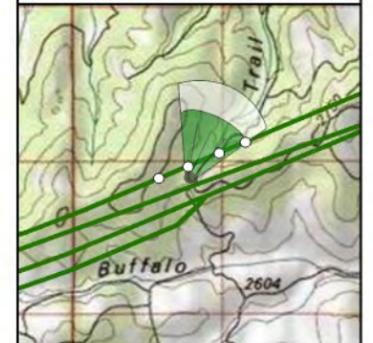
Rationale:

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.

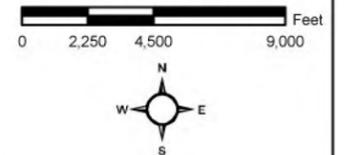
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



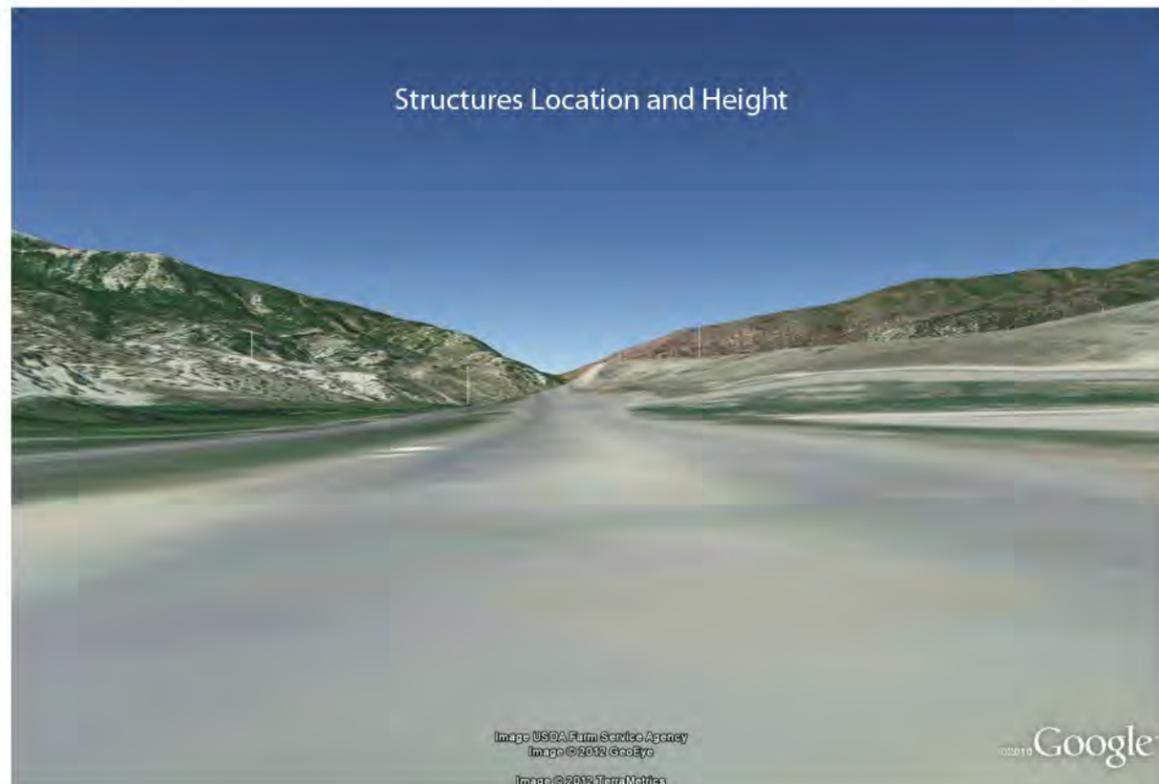
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP SL-3
(Segment 320.1)
Simulated Condition





KOP Photograph



Structures Location and Height

Image: USCA Firm 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 pinon-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 gray 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 PJ.	Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Linear edges of ROW clearing in PJ.	Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Light green to tan of grasses and forbs in ROW clearing in PJ.	Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE		Smooth ROW clearing in PJ.	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-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

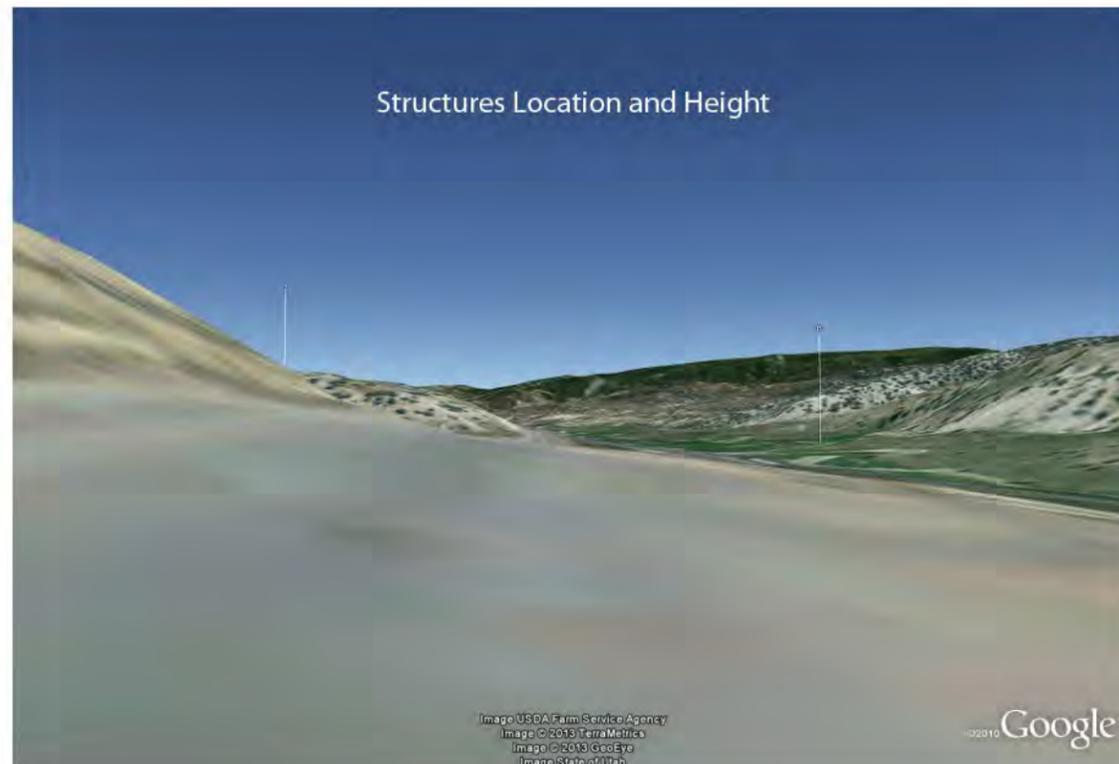
0 1,450 2,900 5,800 Feet



TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP SL-5
U.S. 6
(Segment 217.05)





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
2. Key Observation Point SL-6 - Segments 320.101 / 320.102 / 320.103		
3. VRM Class Private		

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 pinon-juniper, shrubs and grasses. Continuous surface of pinon-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)
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)				
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	
Form									X				3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
Line										X			
Color										X			
Texture											X		

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

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

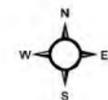
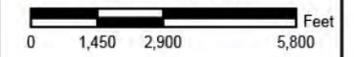
Evaluator's Names M. Paulson	Date 01/04/13
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Project Location



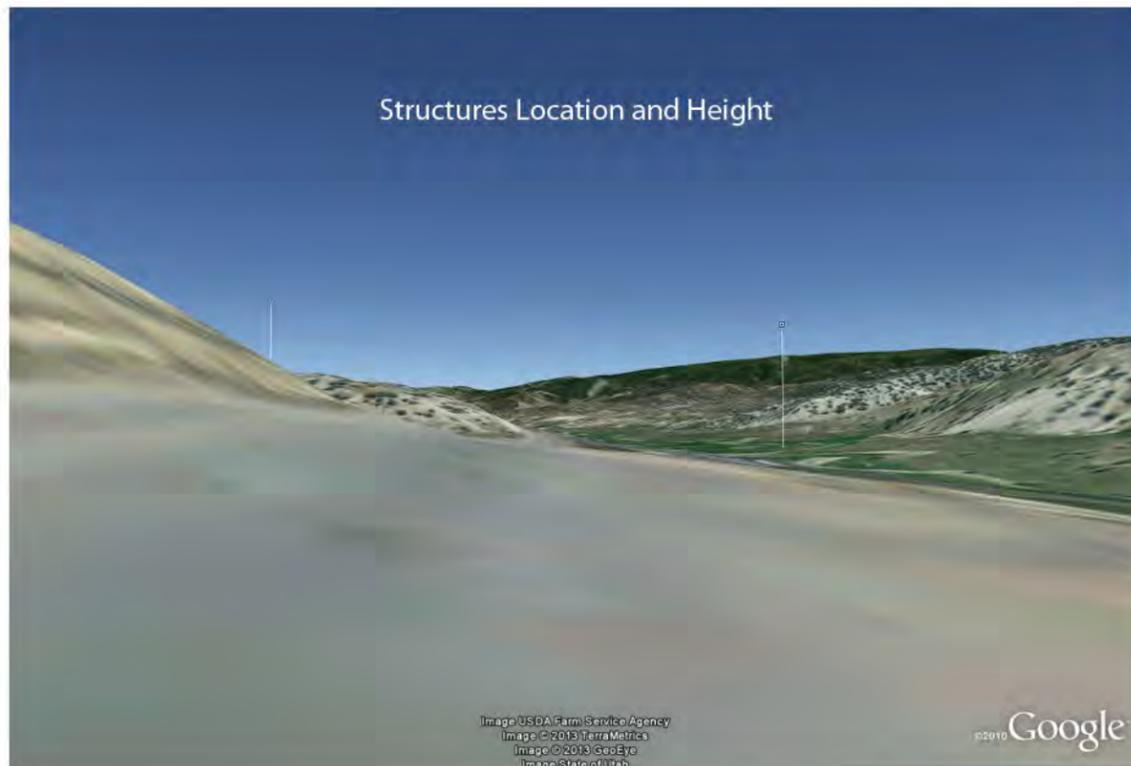
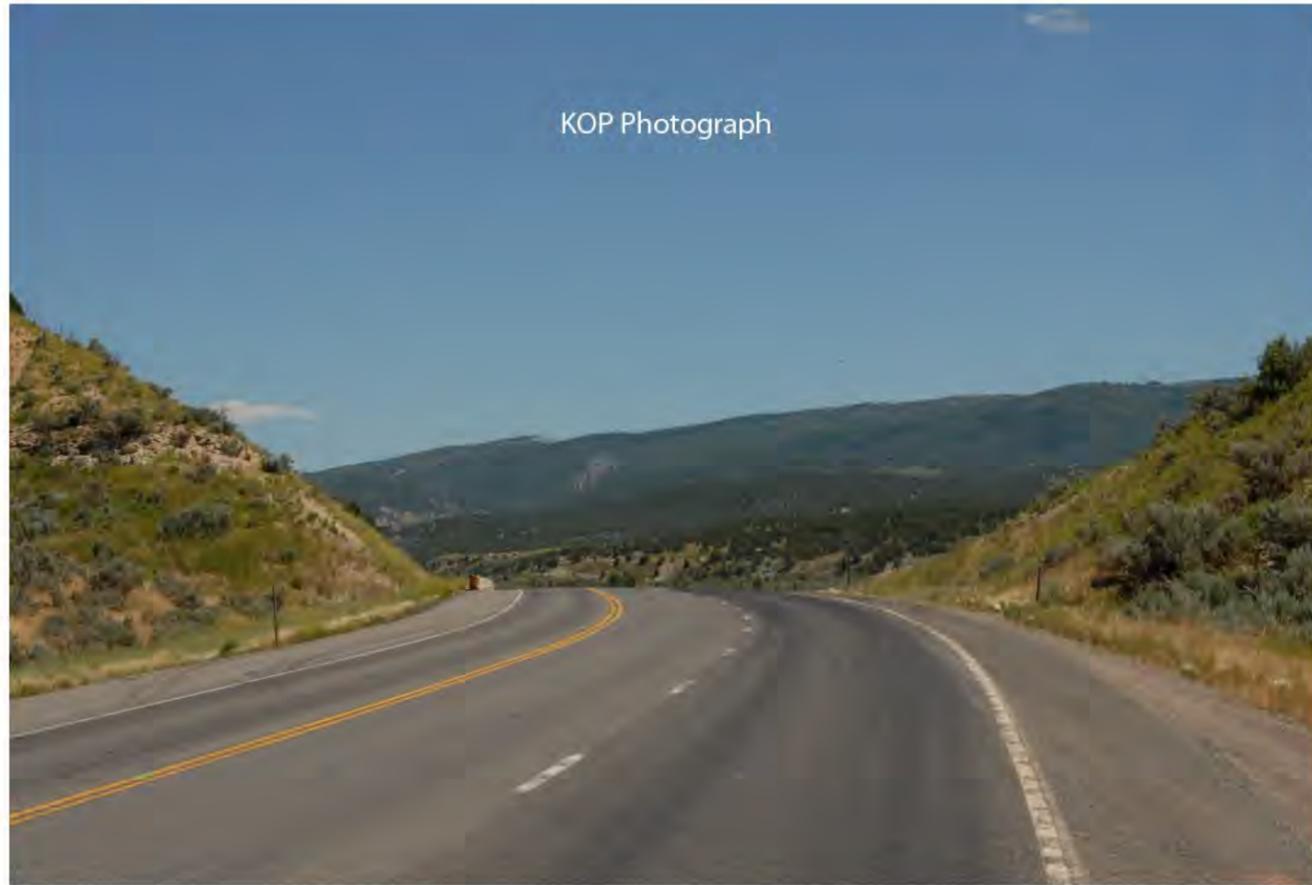
KOP Location



TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP SL-6
U.S. 6
(eastbound)
(Segments 320.101 / 320.102 / 320.103)





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 pinon-juniper, shrubs and grasses. Continuous surface of pinon-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)			
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)							
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None				
Form													X			3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
Line														X		
Color														X		
Texture															X	

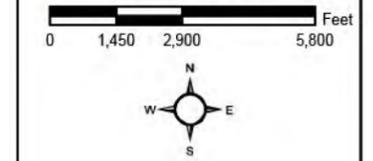
2. Does project design meet visual resource management objectives? Yes No (Explain on reverse side)

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

Elements

Form																	
Line																	
Color																	
Texture																	

Evaluator's Names: M. Paulson Date: 01/04/13



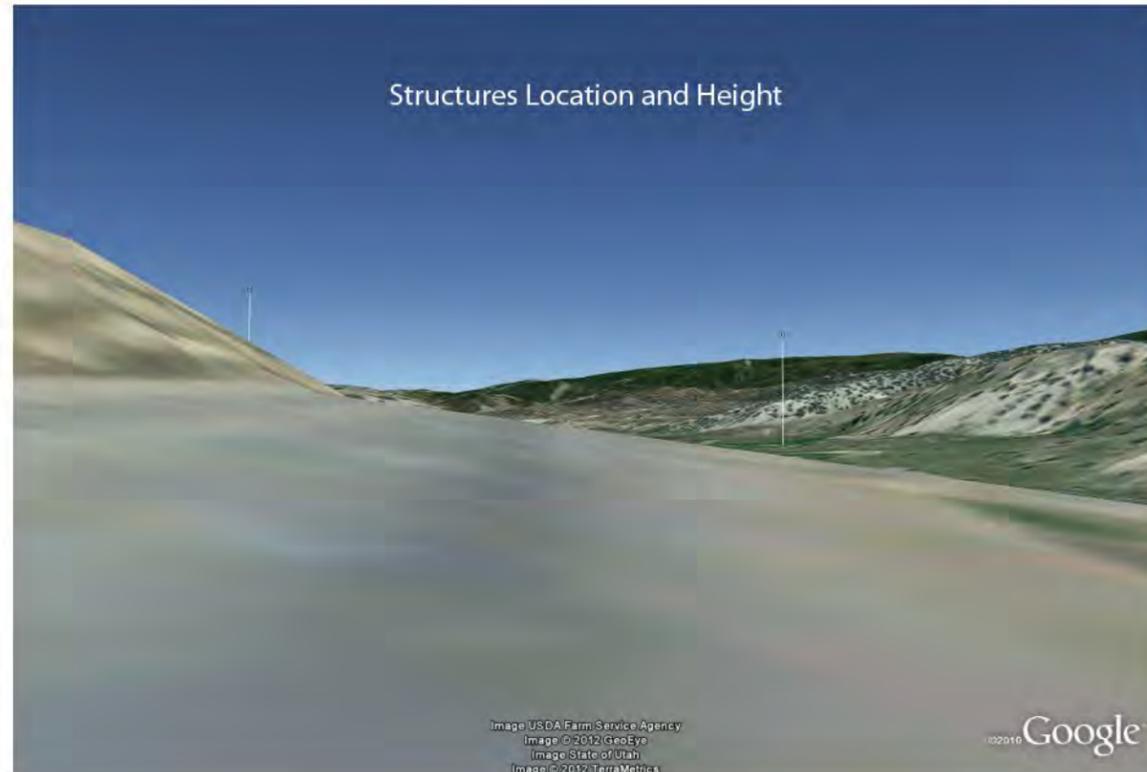
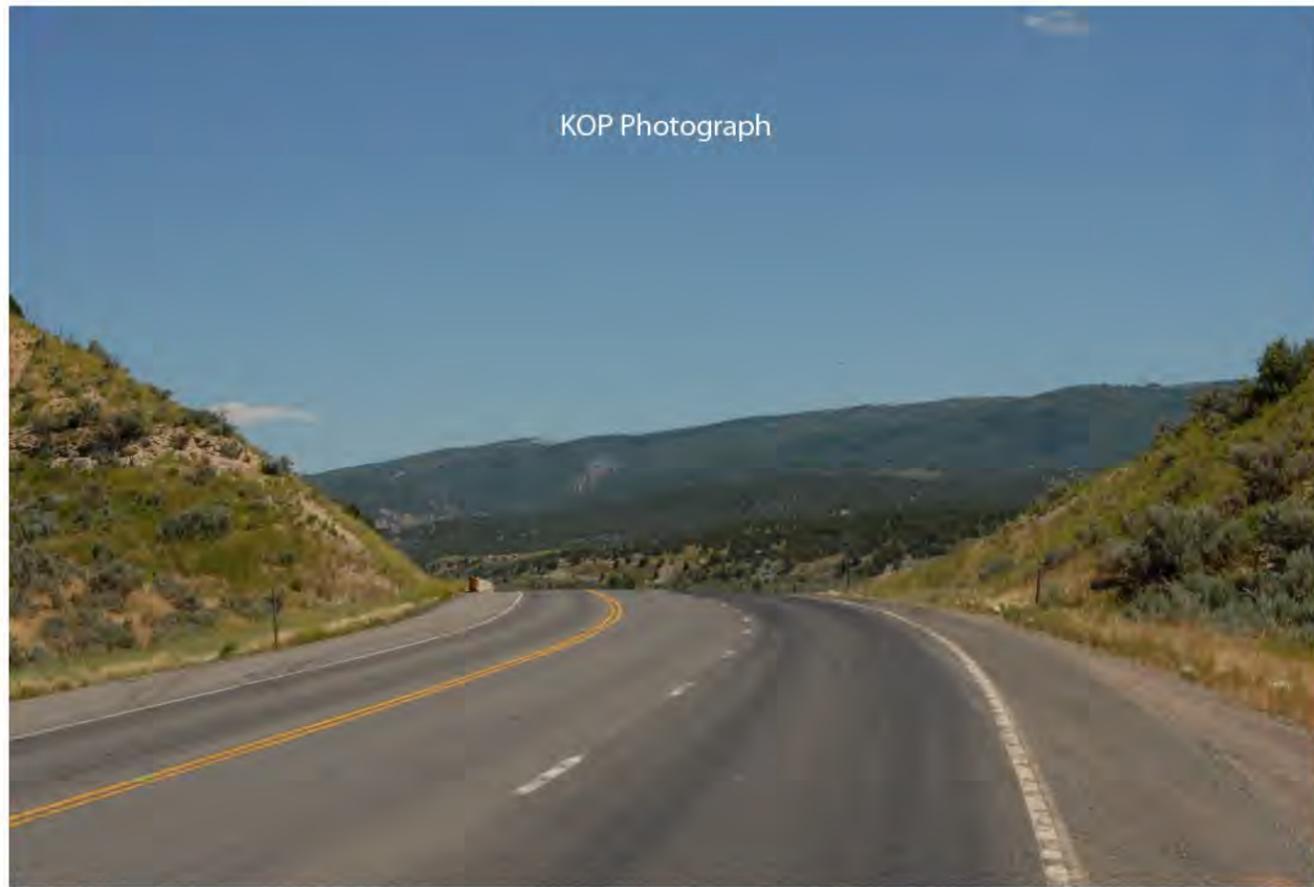
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP SL-6
U.S. 6
(eastbound)
(Segment 217.05)



Rationale:

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



Form 8400-4 (September 1985)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 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-6 - Segment 320.1

3. VRM Class: Private

4. Location: US 6 EB, Township 9S, Range 5E, Section 34

5. Location Sketch: Please see Figure 3.12-2

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 pinon-juniper, shrubs and grasses. Continuous surface of pinon-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			



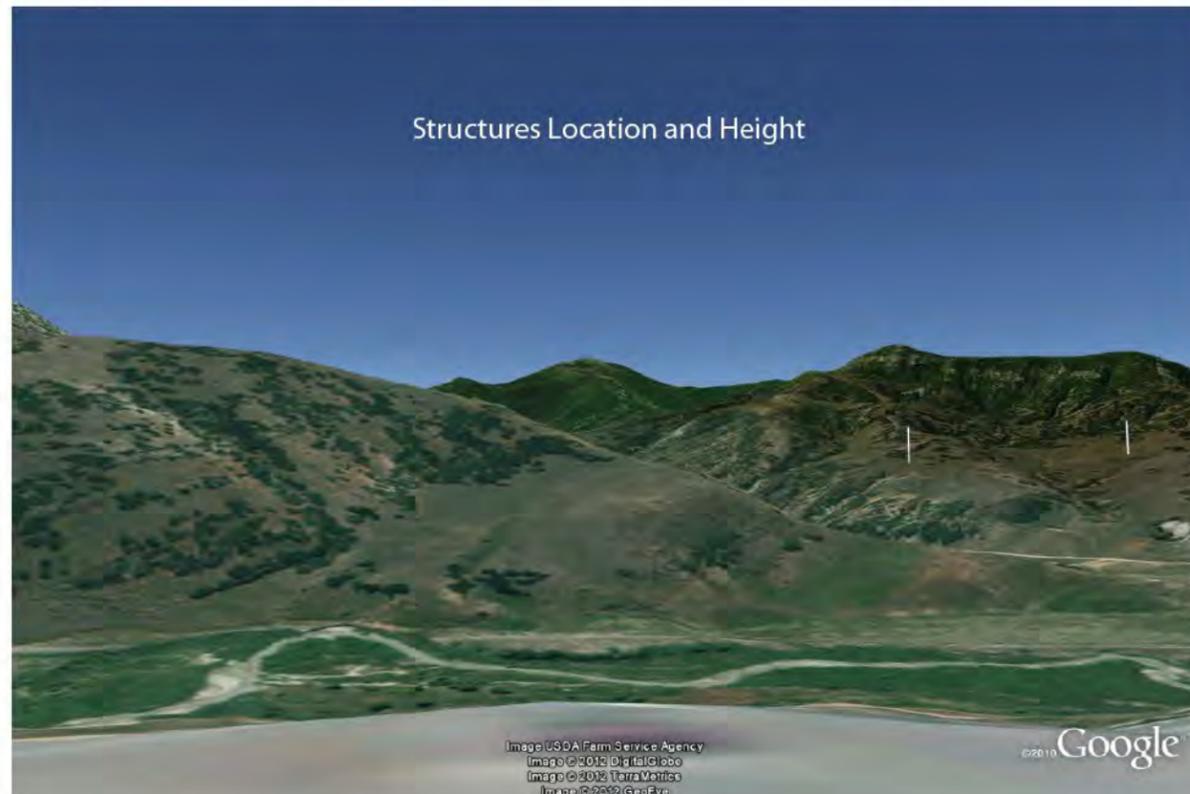
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP SL-6
U.S. 6
(eastbound)
(Segment 320.1)

Rationale:

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





Form 8400-4 (September 1985)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 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 - Segment 320.15

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

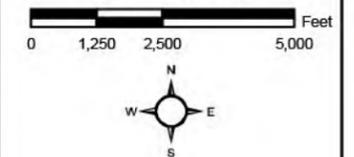
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input 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
U.S. 6/U.S. 89
(Segment 320.15)

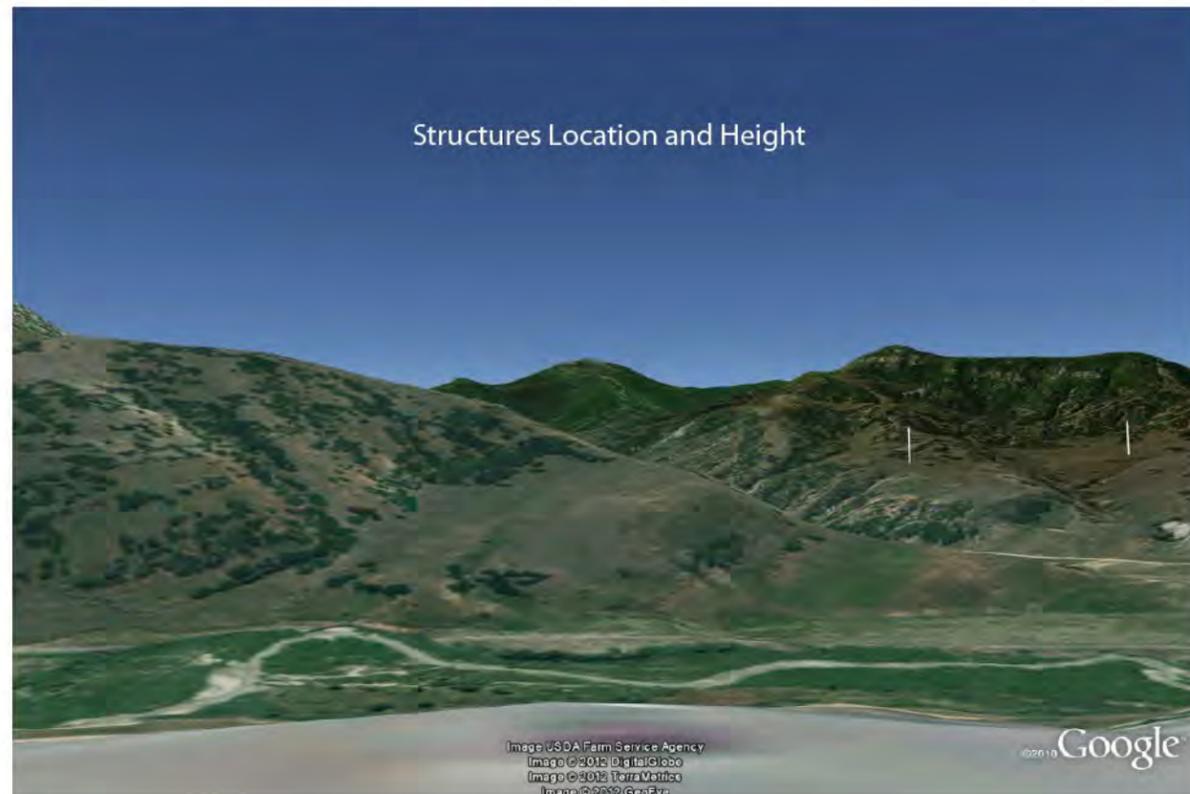


Rationale:

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 © 2013 USDA Farm Service Agency
 Image © 2013 DigitalGlobe
 Image © 2013 Terra Metrics
 Image © 2013 GeoEye
 © 2013 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>US 6-US 89</u> Township <u>9S</u> Range <u>4E</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	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 01/04/13
Line					X				X					
Color					X				X					
Texture					X					X				

Rationale:

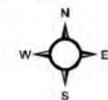
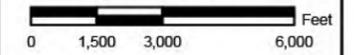
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



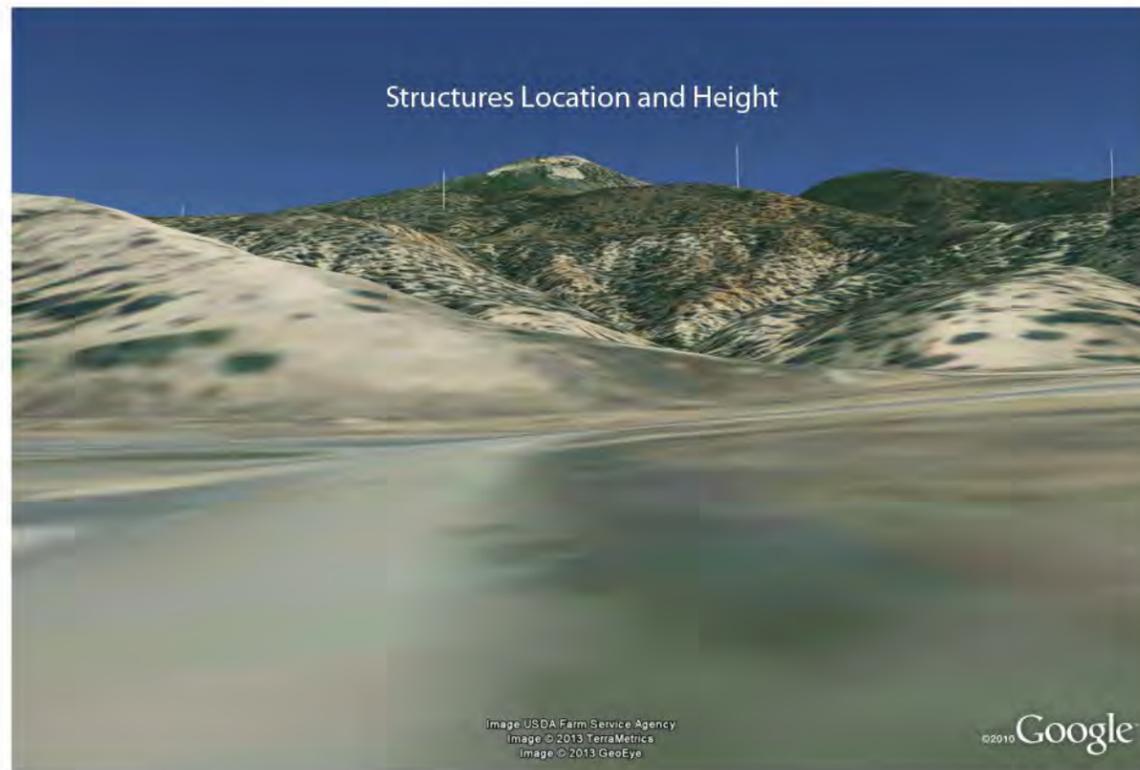
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP SL-7
U.S. 6/U.S. 89
(Segment 320.151)





KOP Photograph



Structures Location and Height

Image USDA Farm Service Agency
Image © 2013 TerraMetrics
Image © 2013 GeoEye
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Form 8400-4 (September 1985)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

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

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location US 89 - Church	5. Location Sketch Please see Figure 3.12-2
2. Key Observation Point SL-8 - Segment 320.15	Township 10S	
3. VRM Class USFS VQO Partial Retention	Range 3E Section 25	

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 pinon-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 pinon-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.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

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

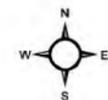


Project Location



KOP Location

0 1,450 2,900 5,800 Feet



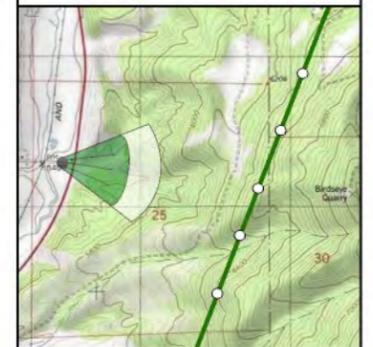
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP SL-8
U.S. 89
Church
(Segment 320.15)

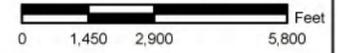




Project Location



KOP Location



**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP SL-8
Simulated Condition
(Segment 320.15)





KOP Photograph



Structures Location and Height

Image USDA Farm Service Agency
Image © 2013 TerraMetrics
Image © 2013 GeoEye
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 US 89 - Church Township 10S Range 3E Section 25	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. Layered rock formation. Planar valley floor.	Organic clumps of pinon-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 pinon-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.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

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



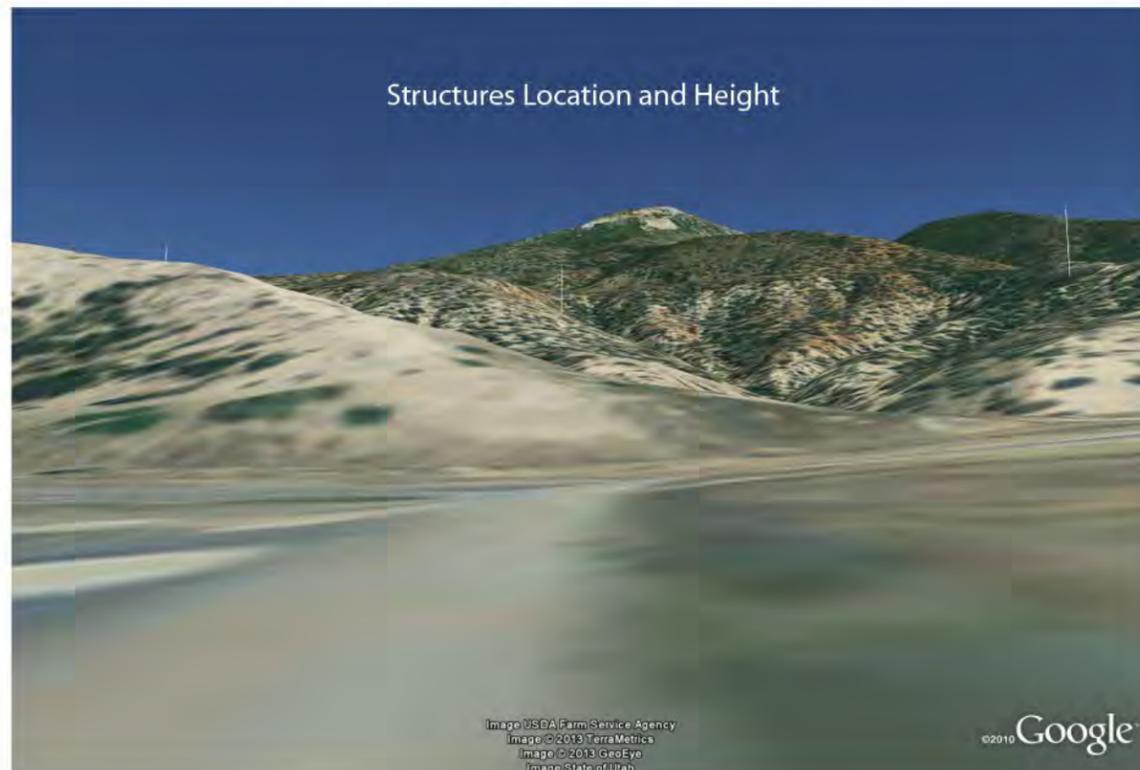
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP SL-8
U.S. 89
Church
(Segment 320.151)





KOP Photograph



Structures Location and Height

Image USDA Farm Service Agency
 Image © 2013 TerraMetrics
 Image © 2013 GeoEye
 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 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 pinon-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 pinon-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.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

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

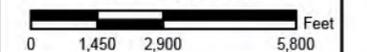
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



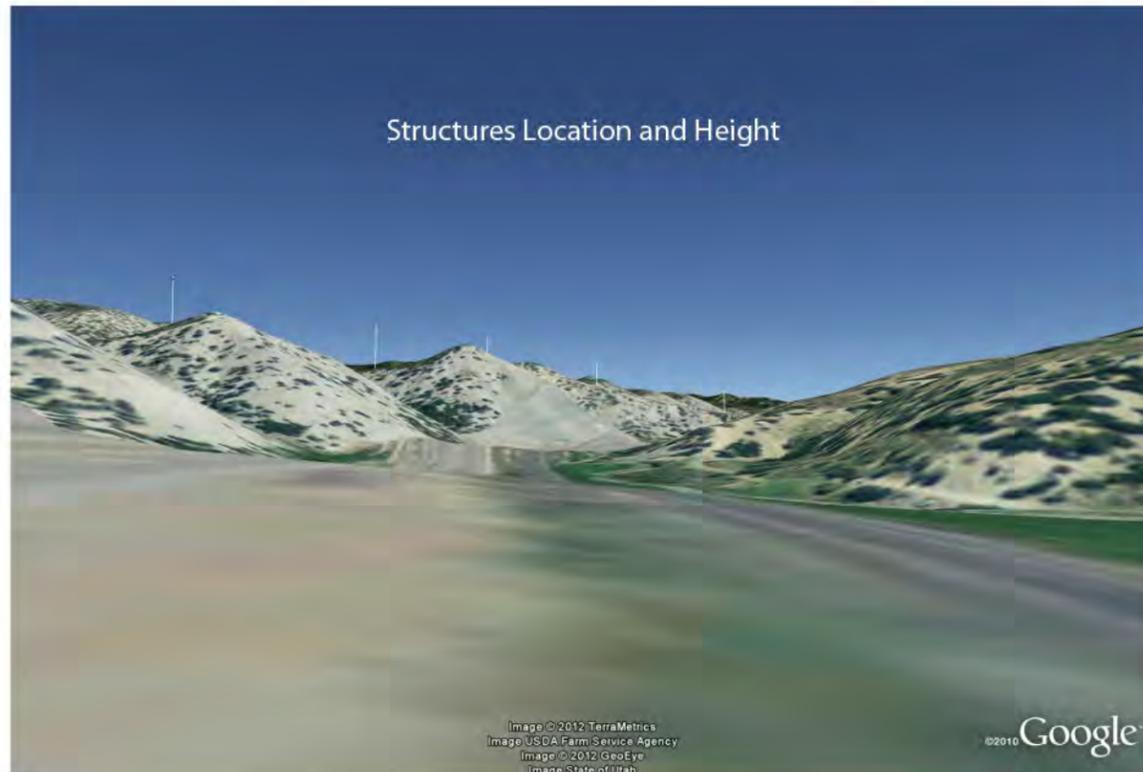
KOP Location



**TRANSWEST EXPRESS
 TRANSMISSION PROJECT**

KOP SL-8
 U.S. 89
 Church
 (Segment 320.152)





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	4. Location <u>U.S. Hwy 6</u> <u>(west of Soldier Summit)</u>	5. Location Sketch Please see Figure 3.12-2
2. Key Observation Point SL-10	Township <u>10S</u>	
3. VRM Class NA	Range <u>6E</u>	
	Section <u>16</u>	

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	Grays, reds	Dark greens, tans	Grays, 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 gray steel lattice structures, guys, and conductors.
TEXTURE		NA	Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form				X					X	X			Evaluator's Names EPG (Review and update as needed by M. Paulson)	Date 10/3/11 7/24/12
Line				X					X	X				
Color				X					X		X			
Texture				X					X		X			

Rationale:

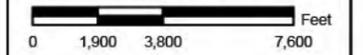
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



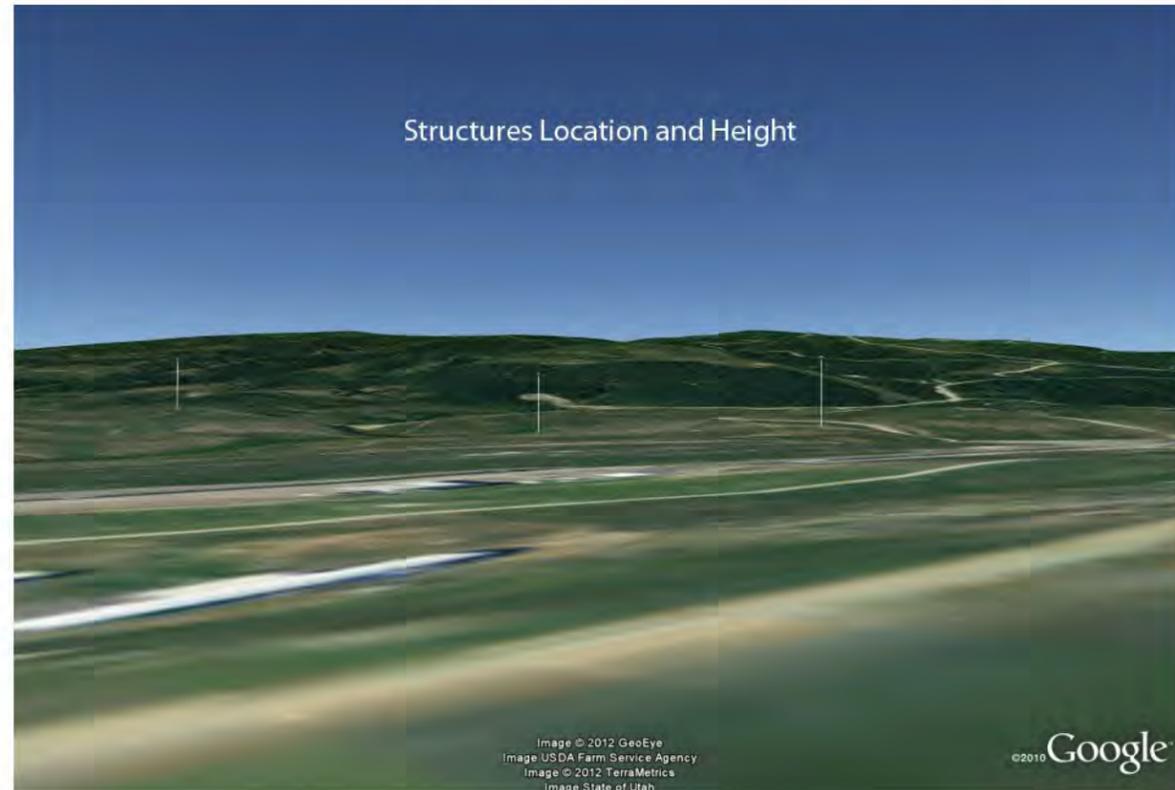
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP SL-10
U.S. Highway 6
(west of Soldier Summit)
(Segment 217.05)





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 07/24/2011

District Salt Lake FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>U.S. Hwy 6</u> <u>Soldier Summit Residentl</u> <u>Township 10S</u> <u>Range 7E</u> <u>Section 24</u>	5. Location Sketch Please see Figure 3.12-2
--------------------------------------	---	--

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.

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

Rationale:

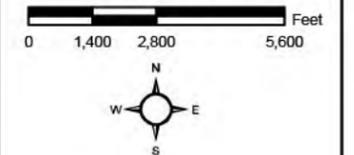
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP SL-11
Utah State Hwy 10
(northbound)
(Segment 217.05)

