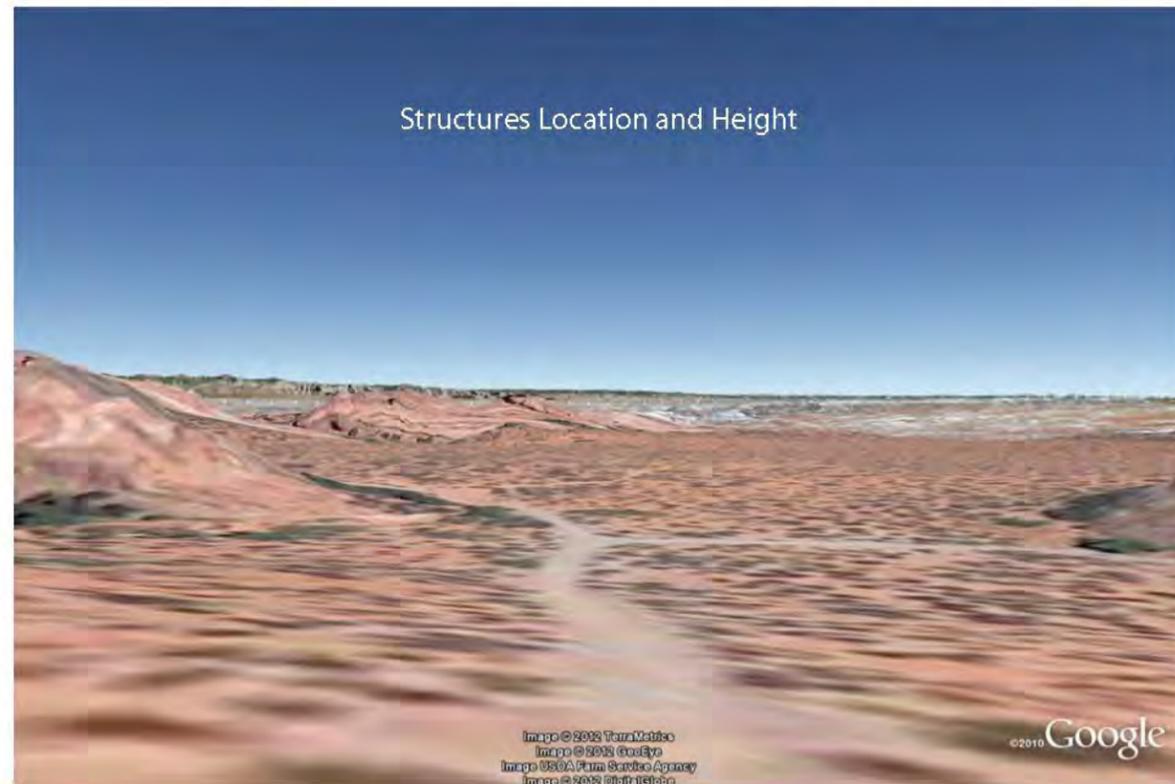


## **KOP Figures**





KOP Photograph



Structures Location and Height

Image © 2012 TerraMetrics  
 Image © 2012 GeoEye  
 Image © 2012 Aerial Digital Agency  
 Image © 2012 DigitalGlobe

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Form 8400-4 (September 1985)

UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/26/2011

District Moab FO

Resource Area

Activity (program)

---

**SECTION A. PROJECT INFORMATION**

1. Project Name Trans West Express	4. Location <u>Arches NP</u> <u>Landscape Arch Tr.</u> <u>Township 29S</u> <u>Range 21E</u> <u>Section 27</u>	5. Location Sketch  Please see Figure 3.12-2
2. Key Observation Point ANP-2		
3. VRM Class III		

---

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

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

---

**SECTION C. PROPOSED ACTIVITY DESCRIPTION**

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

---

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

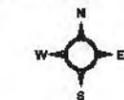
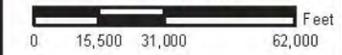
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)			
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended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



Project Location



KOP Location



**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP ANP-2  
 Arches National Park  
 Landscape Arch Trail  
 (Segment 220.1)



Rationale:

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



KOP Photograph



Structures Location and Height

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

©2010 Google

Form 8400-4 (September 1985)

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

**VISUAL CONTRAST RATING WORKSHEET**

Date 08/19/2011

District Cedar City FO

Resource Area

Activity (program)

---

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>Utah SH 21</u> (westbound)	5. Location Sketch Please see Figure 3.12-3
2. Key Observation Point CC-1	Township <u>T28S</u>	
3. VRM Class IV	Range <u>R11W</u> Section <u>2</u>	

---

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

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

---

**SECTION C. PROPOSED ACTIVITY DESCRIPTION**

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

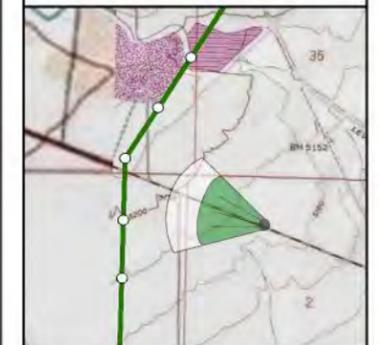
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**SECTION D. CONTRAST RATING**  SHORT TERM  LONG TERM

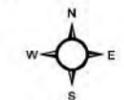
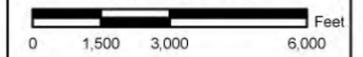
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended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



Project Location



KOP Location



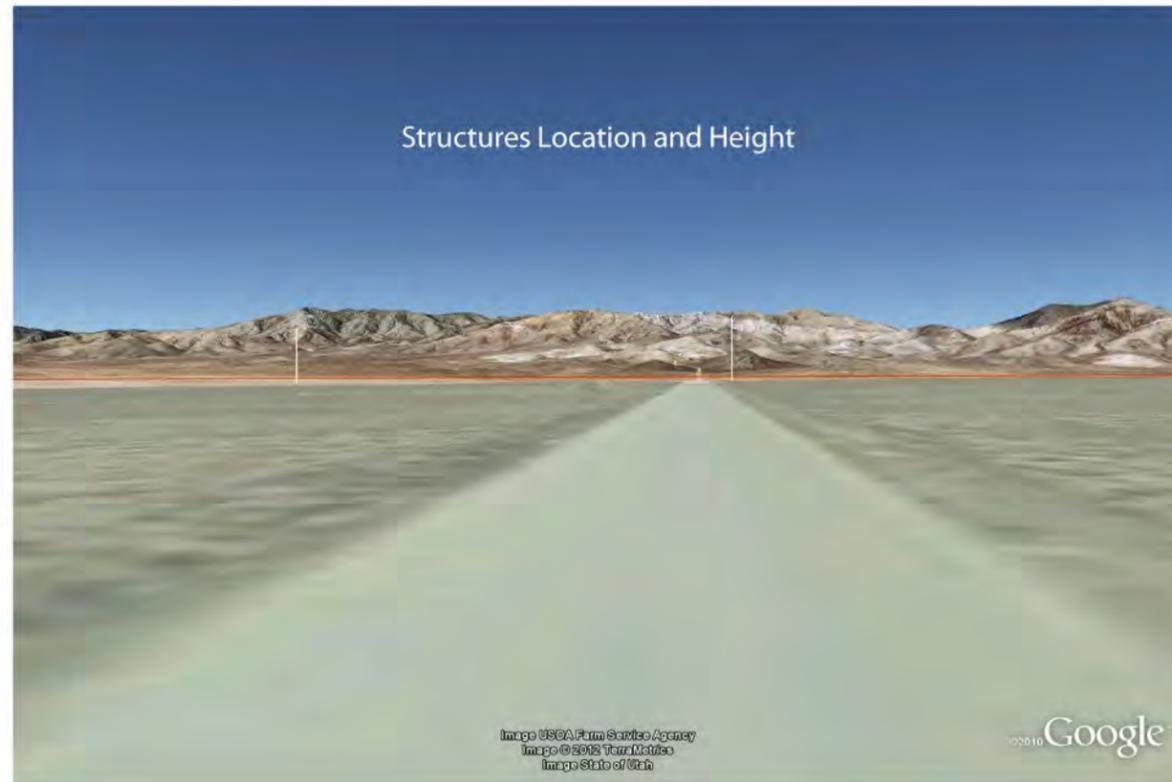
**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP CC-1  
Utah State Highway 21  
(westbound)  
(Segment 480)





KOP Photograph



Structures Location and Height

Image USA from Service Agency  
Image © 2012 TomTom  
Image State of Utah

©2010 Google

Form 8400-4 (September 1985)

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

**VISUAL CONTRAST RATING WORKSHEET**

Date 08/19/2011

District Cedar City FO

Resource Area

Activity (program)

---

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>Milford Recreation Rd. (WB)</u> <u>Township 28S</u> <u>Range 11W</u> <u>Section 11</u>	5. Location Sketch  Please see Figure 3.12-3
--------------------------------------	--	--

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

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

**SECTION C. PROPOSED ACTIVITY DESCRIPTION**

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

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

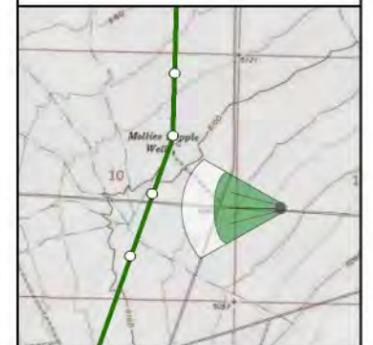
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)					
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended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

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

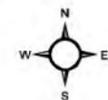
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



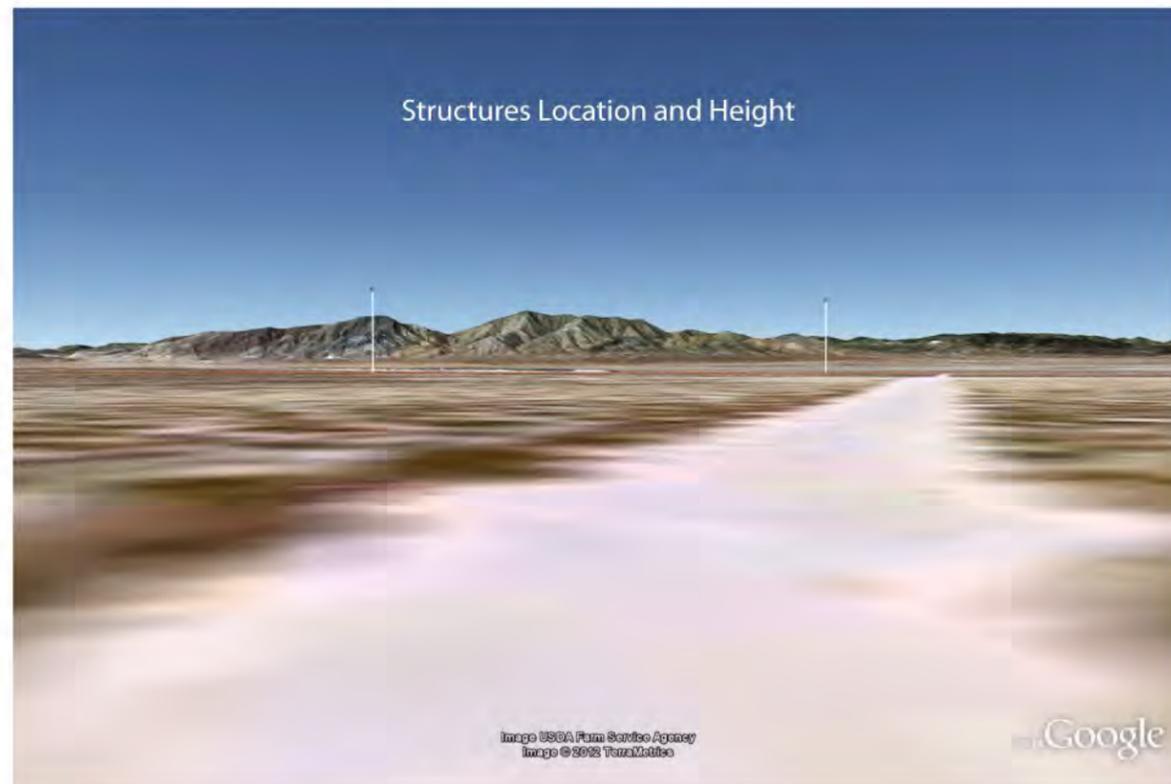
**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP CC-2  
Milford Recreation Road  
(westbound)  
(Segment 480)





KOP Photograph



Structures Location and Height

Image USDA Farm Service Agency  
Image © 2012 TurnMatrix

Google

Form 8400-4 (September 1985)

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

**VISUAL CONTRAST RATING WORKSHEET**

Date 08/19/2011

District Cedar City FO

Resource Area

Activity (program)

---

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>Milford Recreation Rd. (WB)</u> <u>Township_30S</u> <u>Range_12W</u> <u>Section_31</u>	5. Location Sketch  Please see Figure 3.12-3
2. Key Observation Point CC-3		
3. VRM Class IV		

---

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

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

---

**SECTION C. PROPOSED ACTIVITY DESCRIPTION**

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

---

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

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

**Rationale:**

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

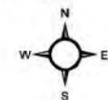
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



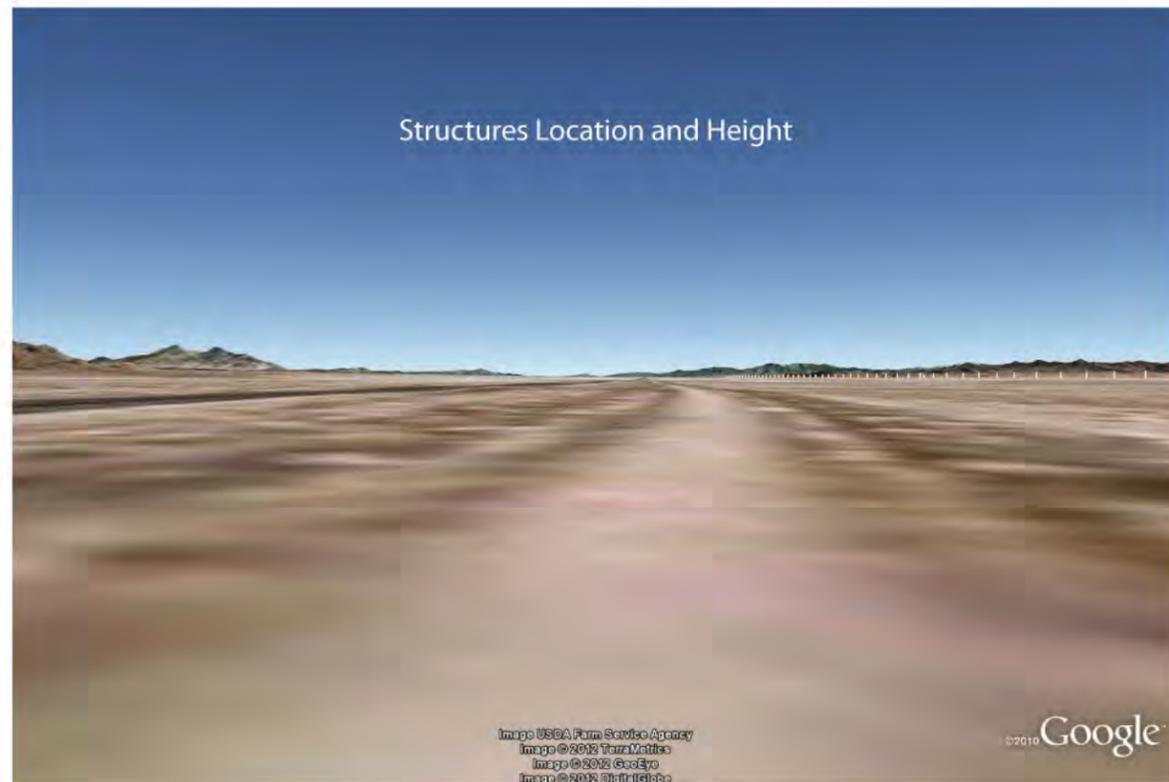
**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP CC-3  
Milford Recreation Road  
(westbound)  
(Segment 480)





KOP Photograph



Structures Location and Height

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

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Form 8400-4 (September 1985)

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

**VISUAL CONTRAST RATING WORKSHEET**

Date 08/19/2011

District Cedar City FO

Resource Area

Activity (program)

---

**SECTION A. PROJECT INFORMATION**

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

---

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

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

---

**SECTION C. PROPOSED ACTIVITY DESCRIPTION**

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

---

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

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

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

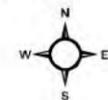
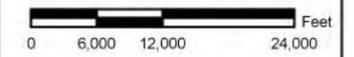
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



**TRANSWEST EXPRESS  
 TRANSMISSION PROJECT**

KOP CC-4  
 Near Lund Recreation Rd.  
 (northbound)  
 (Segment 480)





KOP Photograph



Structures Location and Height

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

© 2010 Google

Form 8400-4 (September 1985)

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

**VISUAL CONTRAST RATING WORKSHEET**

Date 08/19/2011

District Cedar City FO

Resource Area

Activity (program)

---

**SECTION A. PROJECT INFORMATION**

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

---

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

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

---

**SECTION C. PROPOSED ACTIVITY DESCRIPTION**

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

---

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

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

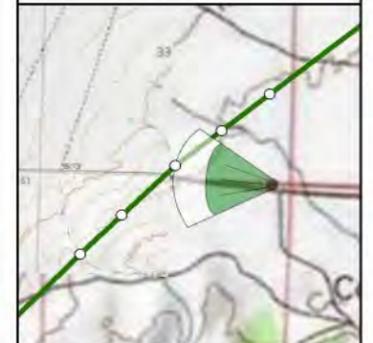
Rationale:

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

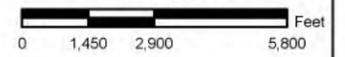
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP CC-5  
East Antelope Road  
(westbound)  
(Segment 500.02)





KOP Photograph



Structures Location and Height

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

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Form 8400-4 (September 1985)

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

**VISUAL CONTRAST RATING WORKSHEET**

Date 08/19/2011

District Cedar City FO

Resource Area

Activity (program)

---

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location Utah SH 56 (WB) Township 36S Range 15W Section 15	5. Location Sketch Please see Figure 3.12-3
--------------------------------------	--	--

---

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular mountains and wide valley floor.	Planar blanket of grasses with scattered clumps of PJ, deciduous trees and shrubs.	Planar roadway. Pyramidal steel lattice t-line. Planar h-Frames. Indistinct Newcastle buildings.
LINE	Horizontal valley and angular ridgelines.	Irregular PJ, deciduous trees, sagebrush and grass patterns.	Vertical and horizontal t-line and curvilinear conductors. Horizontal, rolling roadway.
COLOR	Light to medium reddish tan.	Dark green PJ, deciduous trees, and light tan and medium green grasses.	Light, medium and dark grey and dark brown t-lines and light to medium grey buildings.
TEX-TURE	Smooth landforms.	Smooth, medium and coarse.	Smooth to medium.

---

**SECTION C. PROPOSED ACTIVITY DESCRIPTION**

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

---

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

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

**Rationale:**

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

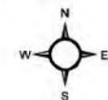
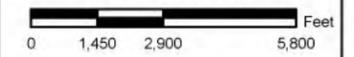
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



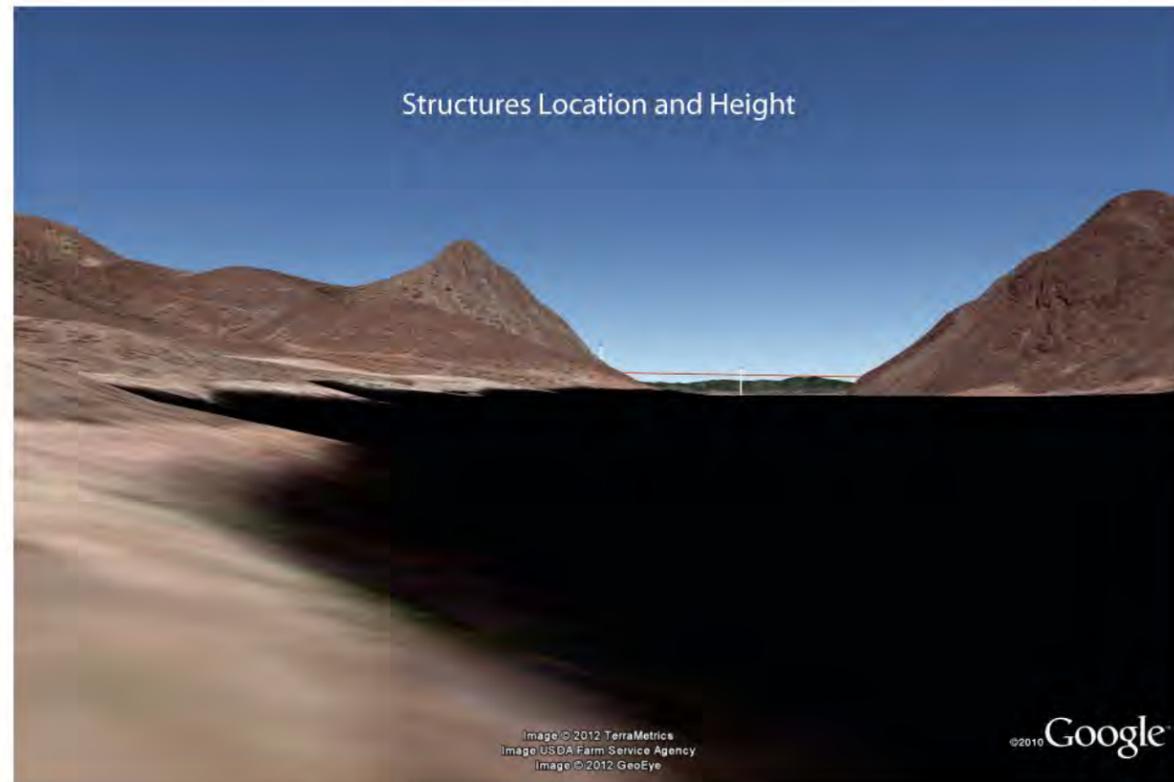
**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP CC-6  
Utah State Highway 56  
(westbound)  
(Segment 506.00)





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

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

**VISUAL CONTRAST RATING WORKSHEET**

Date 08/19/2011

District Cedar City FO

Resource Area

Activity (program)

---

**SECTION A. PROJECT INFORMATION**

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

---

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

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

---

**SECTION C. PROPOSED ACTIVITY DESCRIPTION**

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

---

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

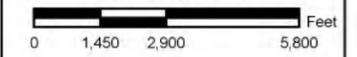
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended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



Project Location



KOP Location



**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP CC-7  
Newcastle Reservoir  
Boat Launch  
(Segment 500.05)

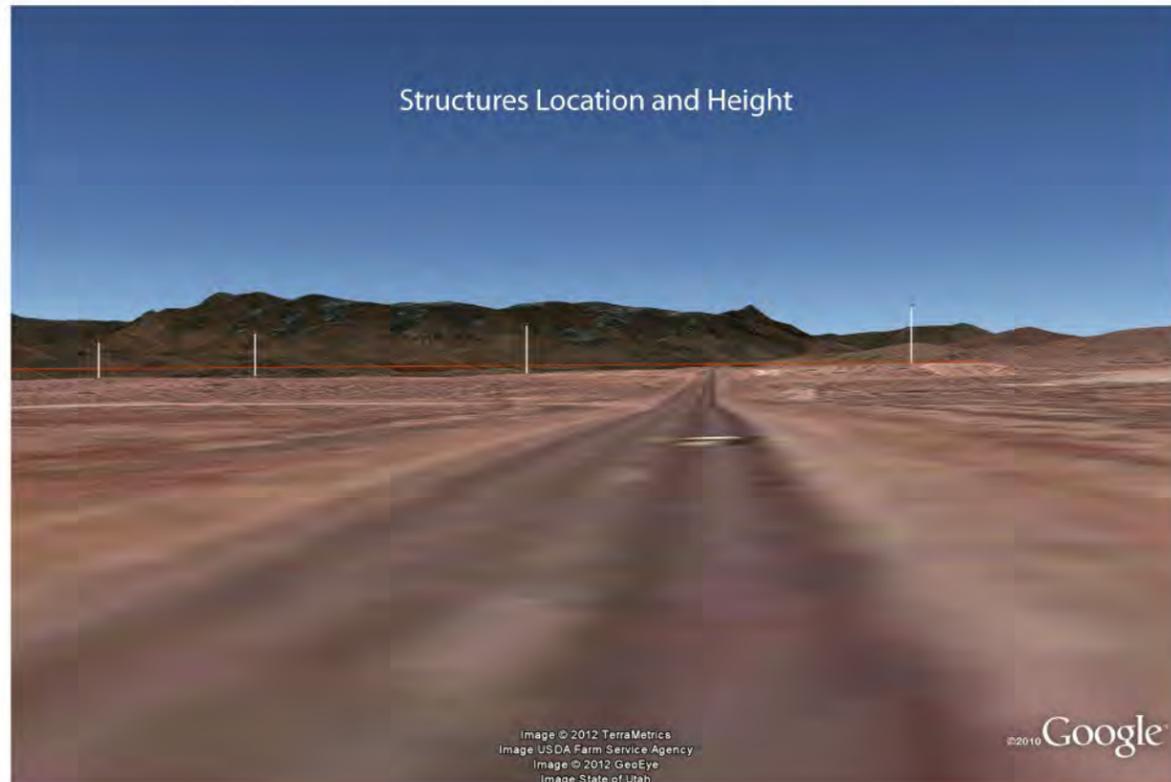


Rationale:  
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce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

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



KOP Photograph



Structures Location and Height

Image © 2012 TerraMetrics  
Image USDA Farm Service Agency  
Image © 2012 GeoEye  
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 08/19/2011

District Cedar City FO

Resource Area

Activity (program)

---

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>Utah SH 56</u> (EB)	5. Location Sketch  Please see Figure 3.12-3
2. Key Observation Point CC-8	Township <u>36S</u>	
3. VRM Class III	Range <u>15W</u> Section <u>16</u>	

---

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

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

---

**SECTION C. PROPOSED ACTIVITY DESCRIPTION**

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

---

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

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

Rationale:  
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management 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.

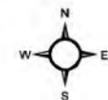


Project Location



KOP Location

0 1,450 2,900 5,800 Feet



**TRANSWEST EXPRESS TRANSMISSION PROJECT**

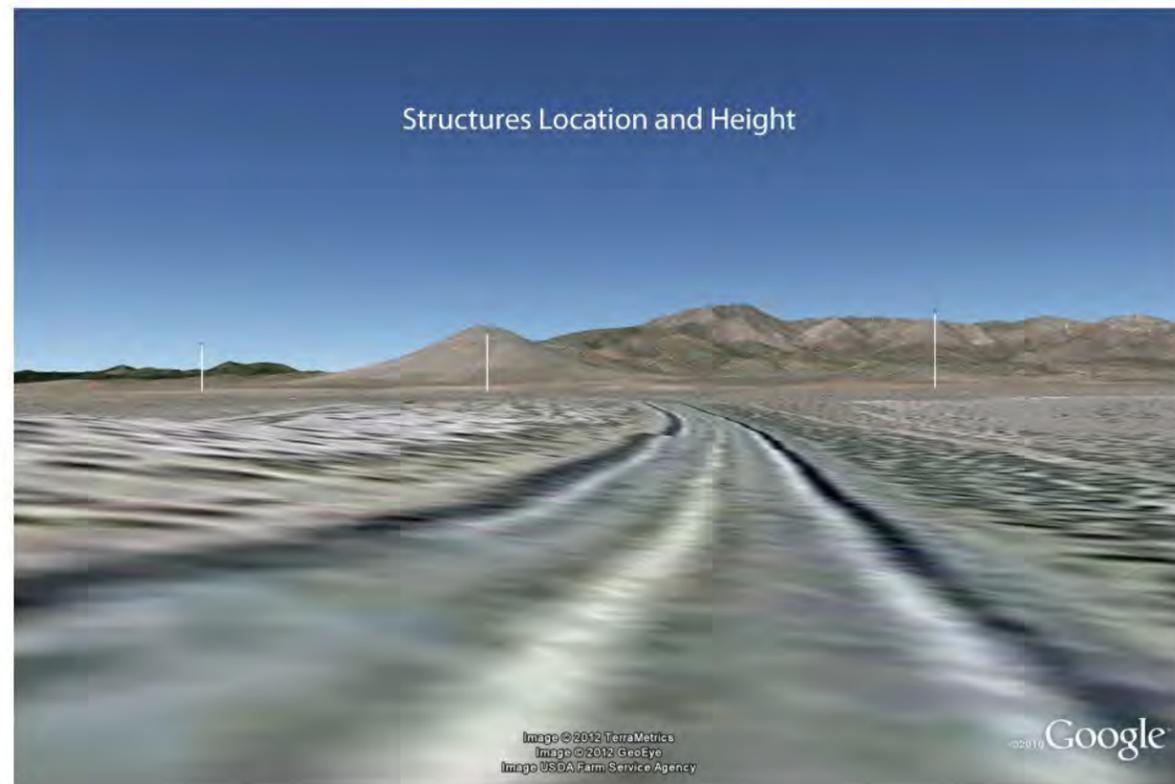
KOP CC-8  
Utah State Hwy 56  
(eastbound)  
(Segment 500.05)







KOP Photograph



Structures Location and Height

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

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Form 8400-4 (September 1985)

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

**VISUAL CONTRAST RATING WORKSHEET**

Date 08/19/2011

District Cedar City FO

Resource Area

Activity (program)

---

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location Utah SH 56 (WB) Township 34S Range 18W Section 31	5. Location Sketch Please see Figure 3.12-3
--------------------------------------	--	--

---

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

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

---

**SECTION C. PROPOSED ACTIVITY DESCRIPTION**

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

---

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

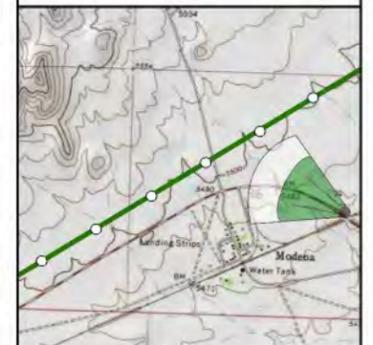
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended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

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

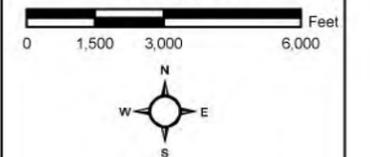
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



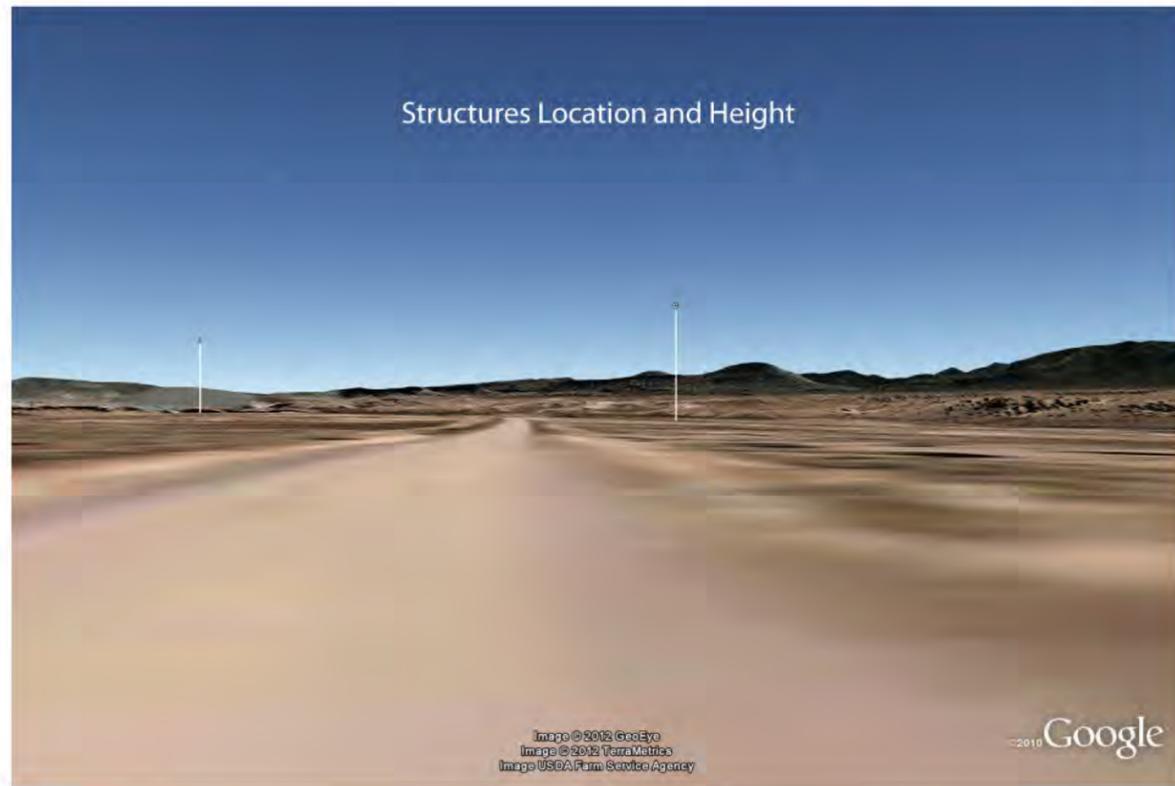
**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP CC-10  
Utah State Highway 56 (westbound)  
(Segment 490.05)





KOP Photograph



Structures Location and Height

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

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Form 8400-4 (September 1985)

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

**VISUAL CONTRAST RATING WORKSHEET**

Date 08/19/2011

District Cedar City FO

Resource Area

Activity (program)

---

**SECTION A. PROJECT INFORMATION**

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

---

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

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

---

**SECTION C. PROPOSED ACTIVITY DESCRIPTION**

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

---

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

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

Rationale:  
Where the Project would be located within 0.5 miles of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III 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.

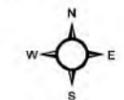
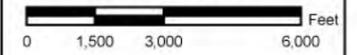
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



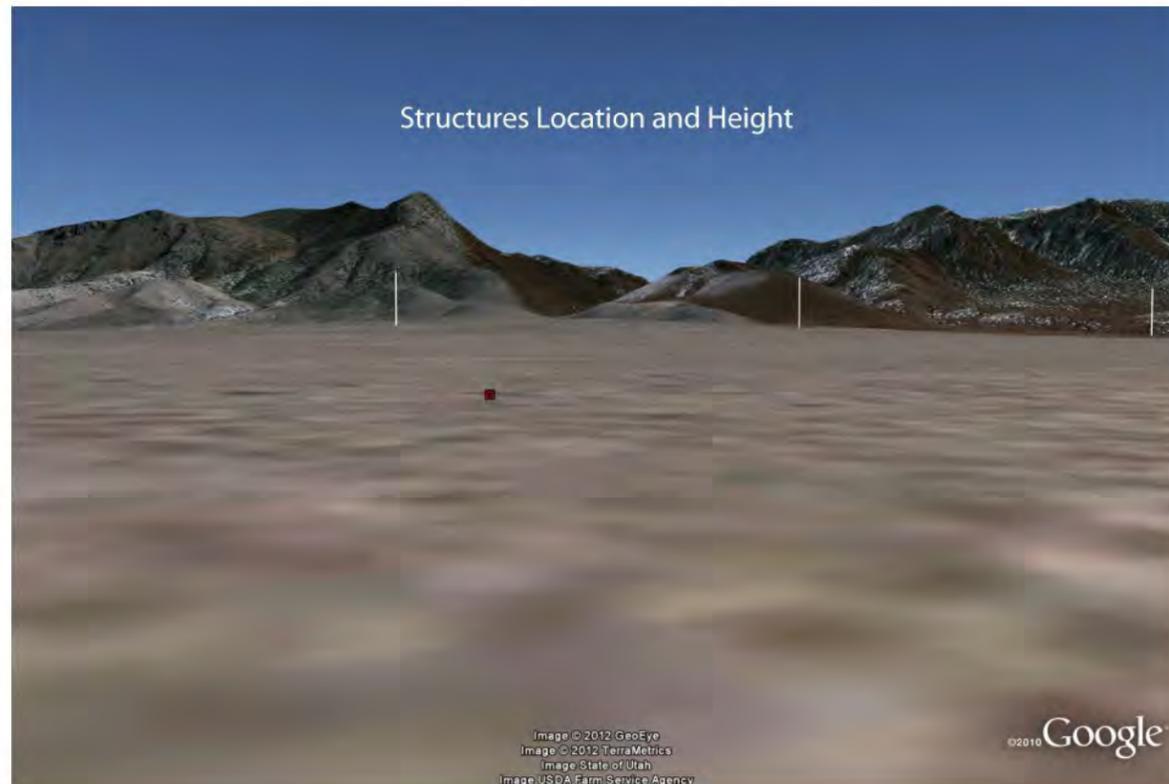
**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP CC-11  
Utah State Hwy 56 (eastbound)  
(Segment 490.05)





KOP Photograph



Structures Location and Height

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

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Form 8400-4 (September 1985)

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

**VISUAL CONTRAST RATING WORKSHEET**

Date 08/19/2011

District Cedar City FO

Resource Area

Activity (program)

---

**SECTION A. PROJECT INFORMATION**

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

---

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

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

---

**SECTION C. PROPOSED ACTIVITY DESCRIPTION**

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

---

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

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



**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

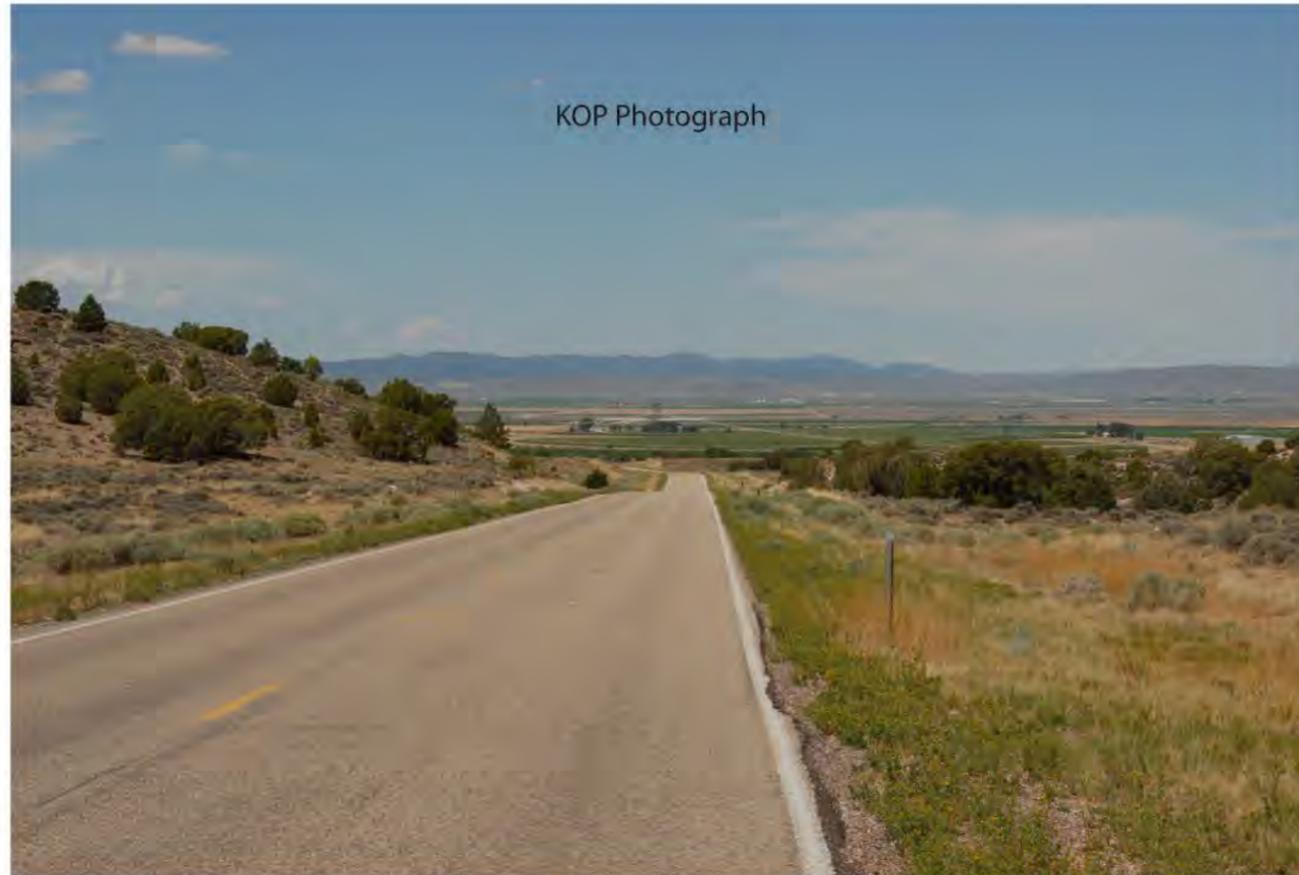
KOP CC-12  
Recreation Road  
near Antelope Springs  
(Segment 500.02)



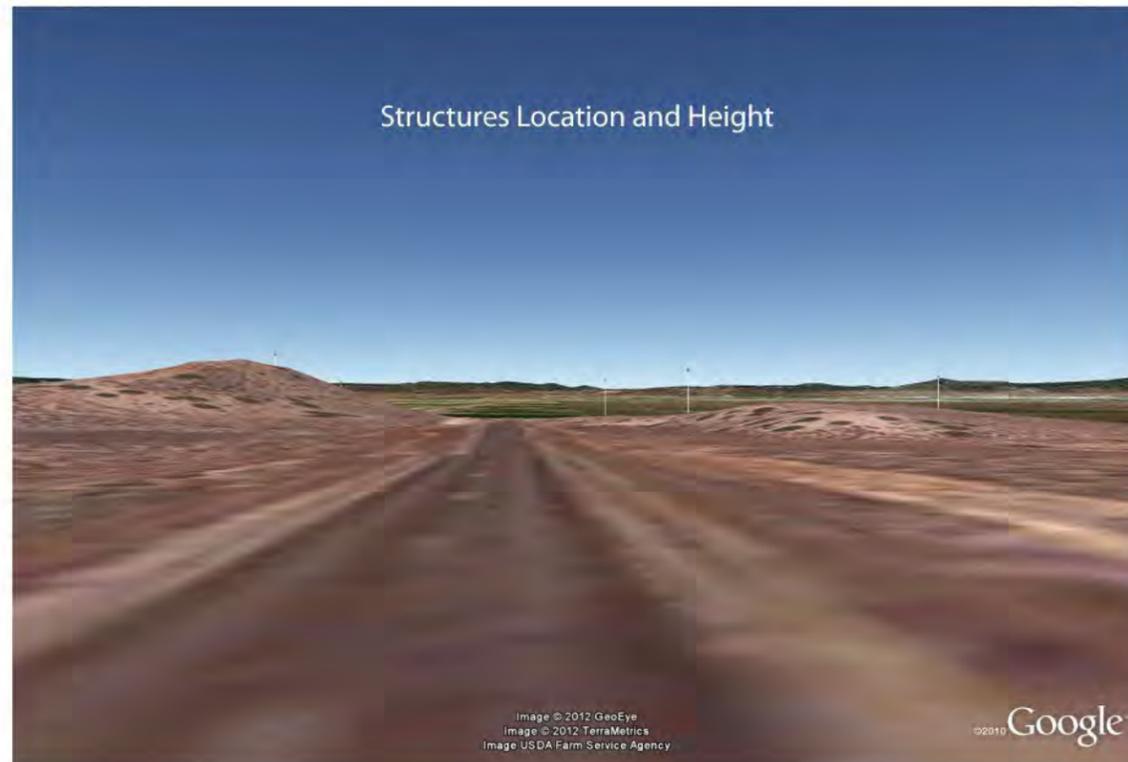
**Rationale:**

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

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



KOP Photograph



Structures Location and Height

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

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Form 8400-4  
(September 1985)

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

**VISUAL CONTRAST RATING WORKSHEET**

Date 08/07/2012

District Cedar City FO

Resource Area

Activity (program)

---

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>Utah SH 56</u> (WB) Township <u>36S</u> Range <u>15W</u> Section <u>14</u>	5. Location Sketch  Please see Figure 3.12-3
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---

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular mountains and wide valley floor.	Planar blanket of grasses with scattered clumps of PJ, deciduous trees and shrubs.	Planar roadway. Pyramidal steel lattice t-line. Planar h-Frames. Indistinct Newcastle buildings.
LINE	Horizontal valley and angular ridgelines.	Irregular PJ, deciduous trees, sagebrush and grass patterns.	Vertical and horizontal t-line and curvilinear conductors. Horizontal, rolling roadway.
COLOR	Light to medium reddish tan.	Dark green PJ, deciduous trees, and light tan and medium green grasses.	Light, medium and dark grey and dark brown t-lines and light to medium grey buildings.
TEXTURE	Smooth landforms.	Smooth, medium and coarse.	Smooth to medium.

---

**SECTION C. PROPOSED ACTIVITY DESCRIPTION**

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

---

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

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

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

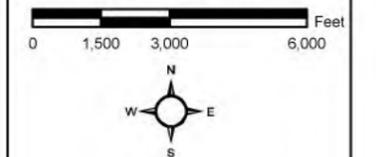
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



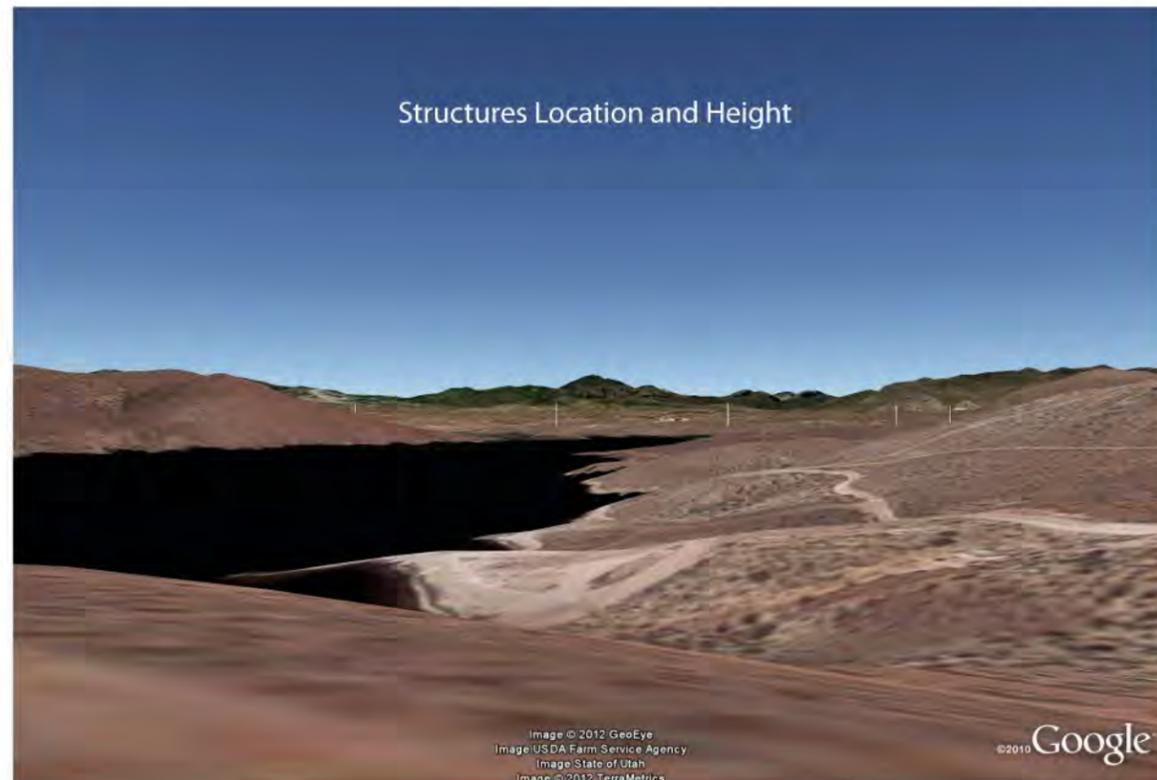
**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP CC-13  
Utah SH 56  
(westbound)  
(Segment 506)





KOP Photograph



Structures Location and Height

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

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Form 8400-4 (September 1985)

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

**VISUAL CONTRAST RATING WORKSHEET**

Date 08/07/2012

District Cedar City FO

Resource Area

Activity (program)

**SECTION A. PROJECT INFORMATION**

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

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

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

**SECTION C. PROPOSED ACTIVITY DESCRIPTION**

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

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

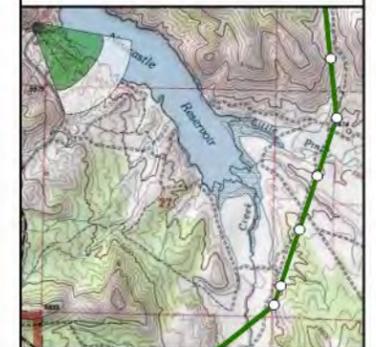
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)		
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended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

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

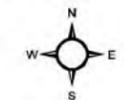
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



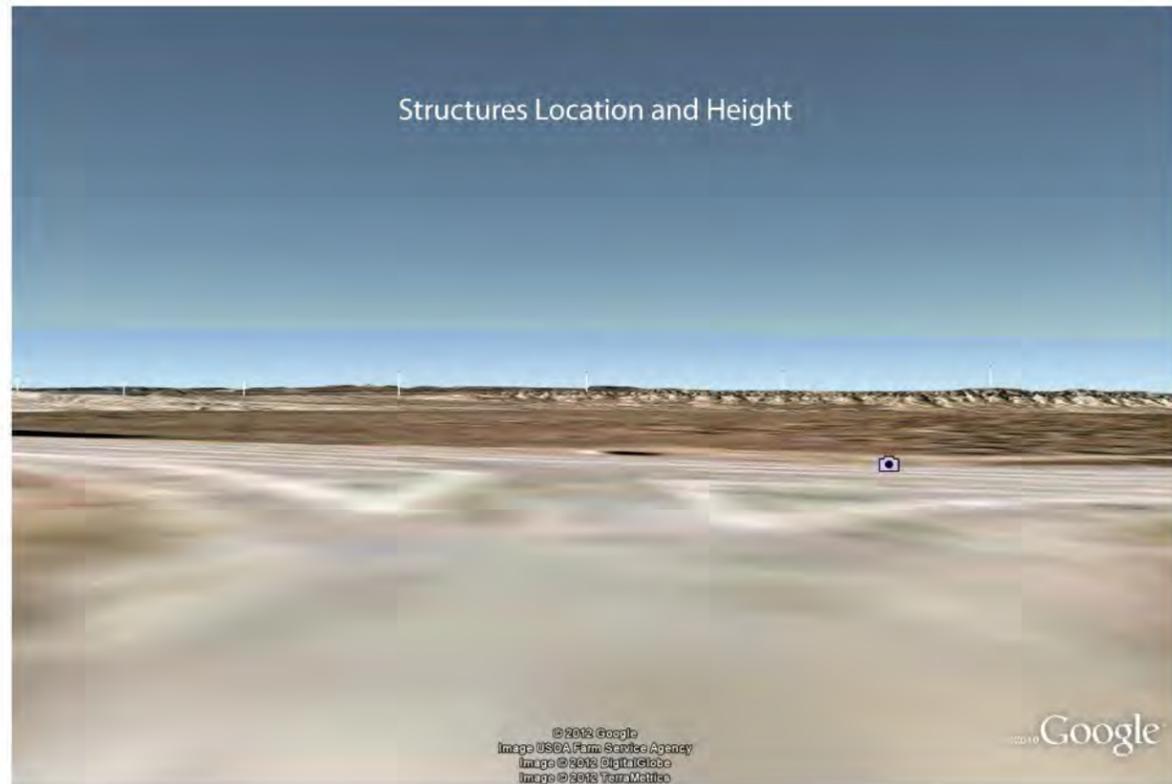
**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP CC-14  
Newcastle Reservoir  
Dam Overlook  
(Segment 500.05)





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

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

**VISUAL CONTRAST RATING WORKSHEET**

Date 05/30/2012

District Dinosaur National Monument

Resource Area

Activity (program)

---

**SECTION A. PROJECT INFORMATION**

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

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

---

**SECTION C. PROPOSED ACTIVITY DESCRIPTION**

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

---

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

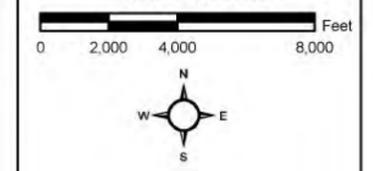
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain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



Project Location



KOP Location



**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP DNM-1  
Dinosaur National Monument (Entry)  
(Segment 210)



Rationale:

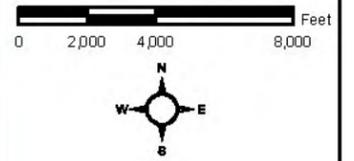
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



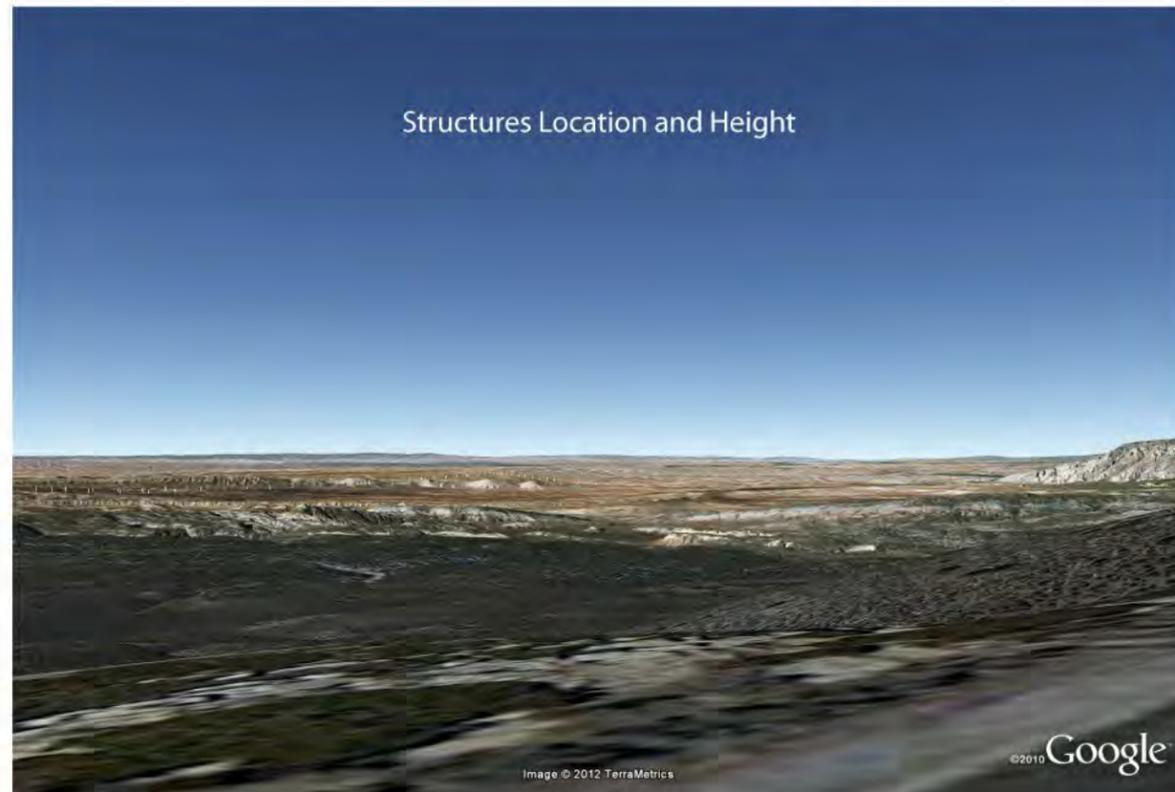
**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP DNM-1  
Simulated Condition  
(Segment 210)





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

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

**VISUAL CONTRAST RATING WORKSHEET**

Date 07/22/2011

District \_\_\_\_\_

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

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

---

**SECTION A. PROJECT INFORMATION**

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

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

---

**SECTION C. PROPOSED ACTIVITY DESCRIPTION**

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

---

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

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

Rationale:

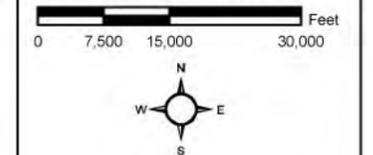
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



**TRANSWEST EXPRESS TRANSMISSION PROJECT**

**KOP DNM-2  
Dinosaur National Monument (Overlook)  
(Segments 210, 211, 214)**

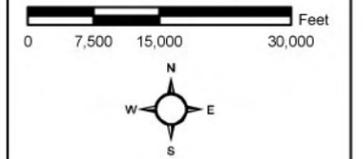




Project Location



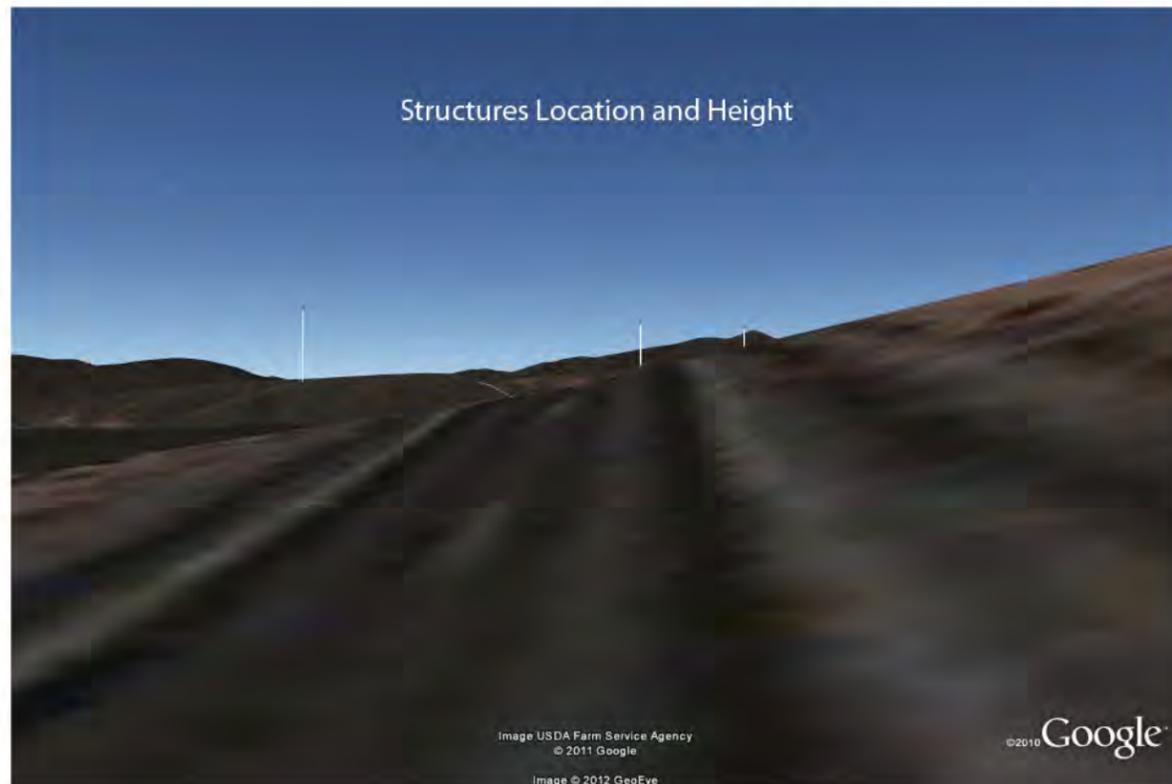
KOP Location



**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP DNM-2  
Simulated Condition  
(Segment 210, 211, 214)





KOP Photograph

Structures Location and Height

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

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Form 8400-4 (September 1985)

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

**VISUAL CONTRAST RATING WORKSHEET**

Date 09/08/2011  
District Ely DO  
Resource Area  
Activity (program)

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location U.S. 93 (SB) Township 03S Range 67E Section 22	5. Location Sketch Please see Figure 3.12-3
--------------------------------------	---	--

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

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

**SECTION C. PROPOSED ACTIVITY DESCRIPTION**

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

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

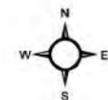
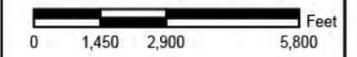
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended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



Project Location



KOP Location



**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP E-6  
U.S. 93 (southbound)  
(Segment 520)

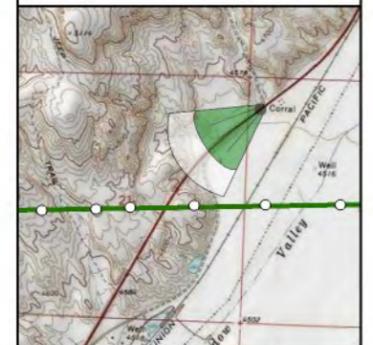


Rationale:  
Where the Project would be located within 0.5 miles of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III management 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.

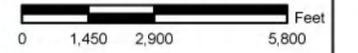
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



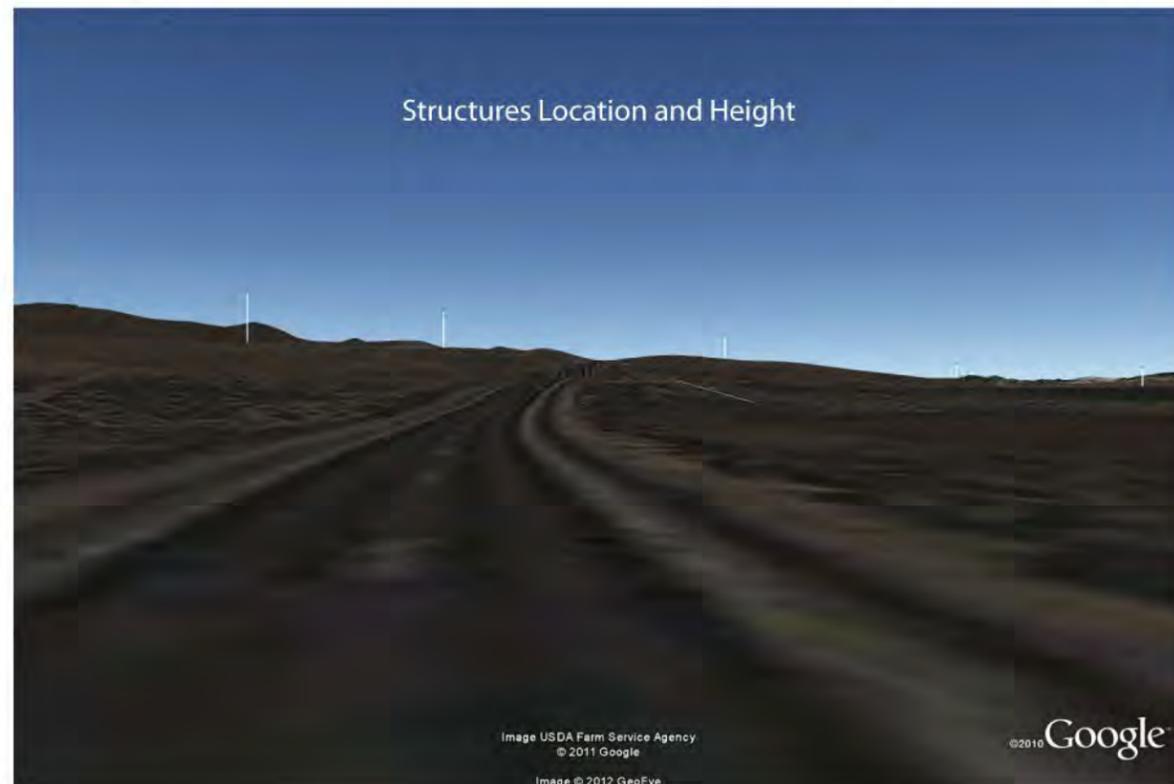
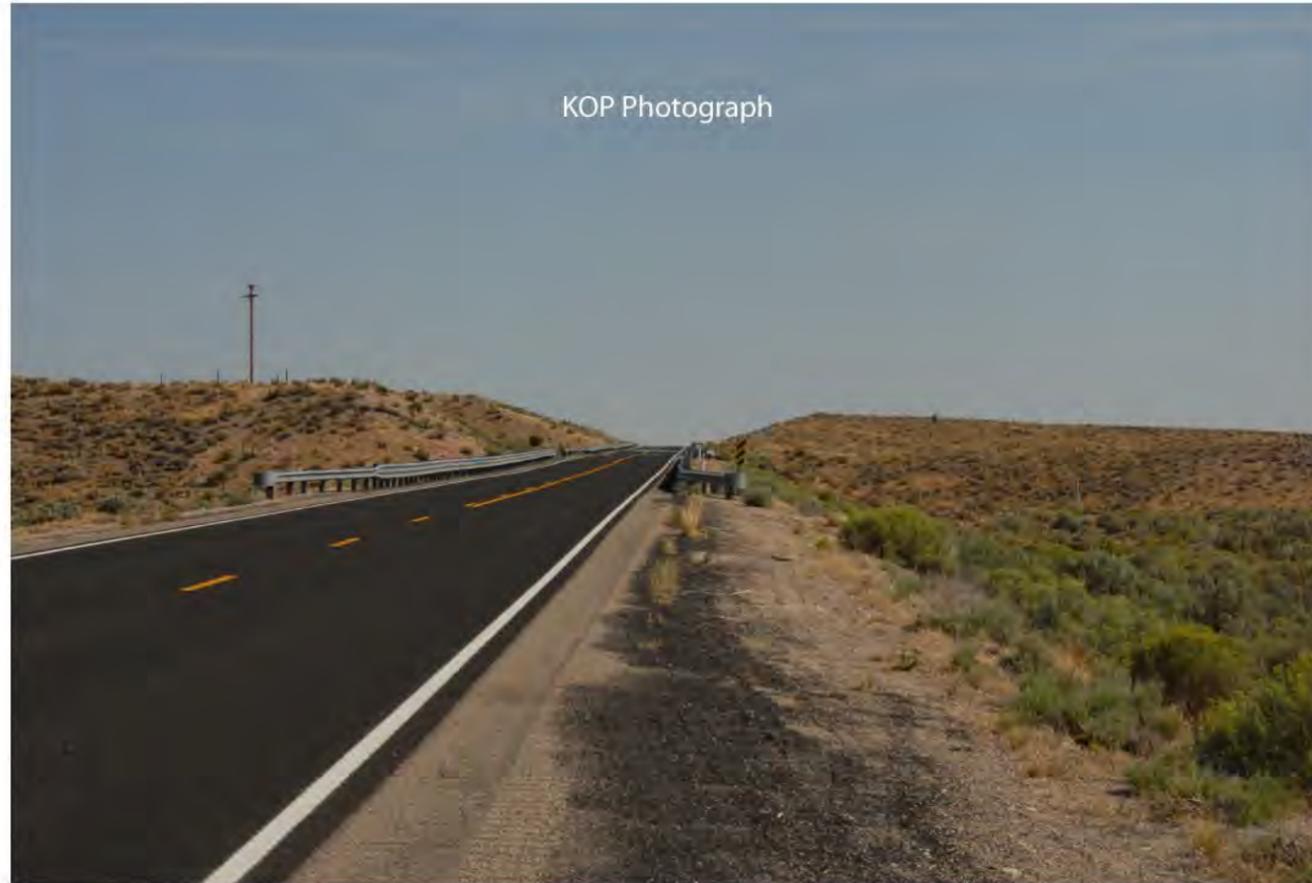
KOP Location



**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP E-6  
Simulated Condition  
(Segment 520)





Form 8400-4 (September 1985)

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

**VISUAL CONTRAST RATING WORKSHEET**

Date 09/08/2011

District Ely DO

Resource Area

Activity (program)

---

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>U.S. 93 (SB)</u> Township <u>03S</u> Range <u>67E</u> Section <u>28</u>	5. Location Sketch  Please see Figure 3.12-3
2. Key Observation Point E-7		
3. VRM Class III		

---

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

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

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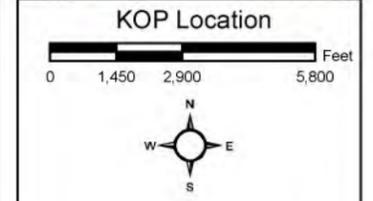
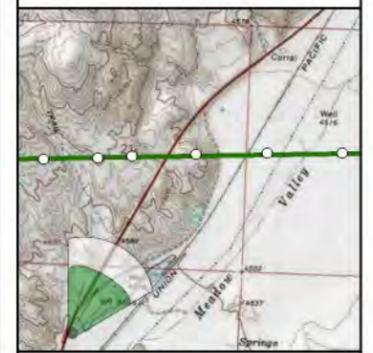
**SECTION C. PROPOSED ACTIVITY DESCRIPTION**

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

---

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

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



Rationale:  
Where the Project would be located within 0.5 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 comply with VRM Class III 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.

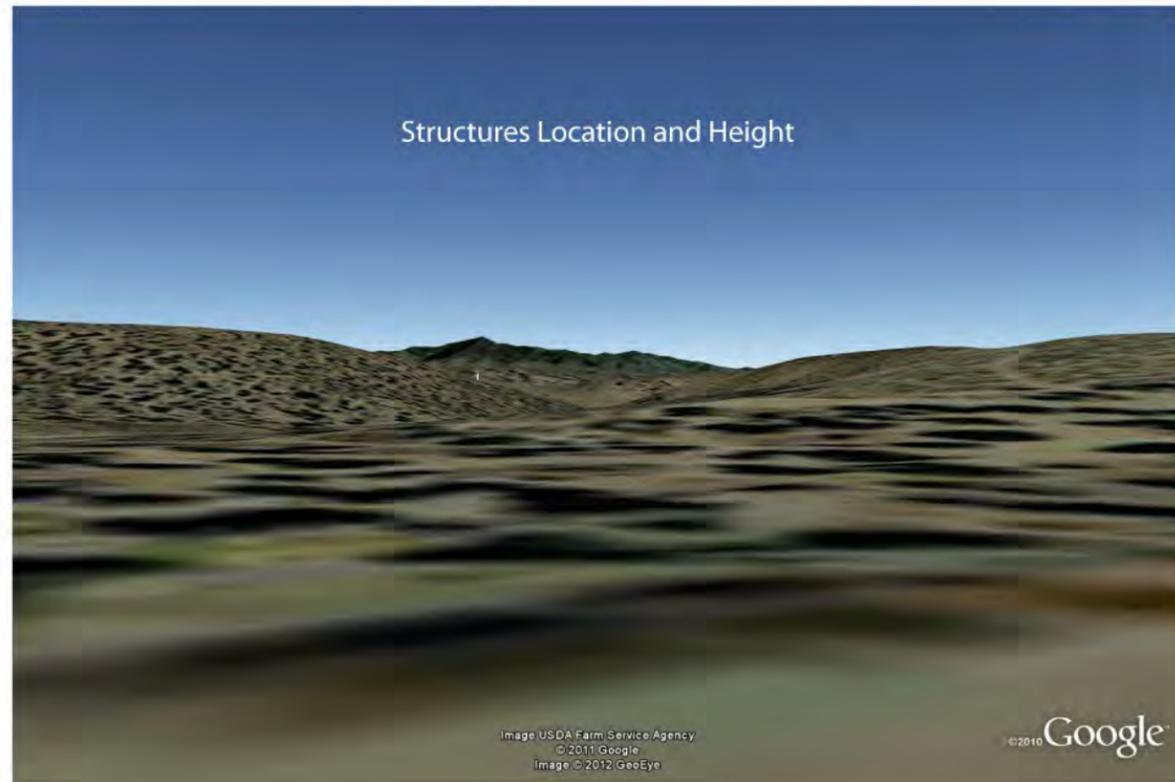
**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP E-7  
U.S. 93 (southbound)  
(Segment 520)





KOP Photograph



Structures Location and Height

Image USDA Farm Service Agency  
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Image © 2012 GeoEye

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Form 8400-4 (September 1985)

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

**VISUAL CONTRAST RATING WORKSHEET**

Date 09/08/2011  
District Ely DO  
Resource Area  
Activity (program)

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>U.S. 93</u> Township <u>04S</u> Range <u>66E</u> Section <u>18</u>	5. Location Sketch Please see Figure 3.12-3
--------------------------------------	--	--

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

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

**SECTION C. PROPOSED ACTIVITY DESCRIPTION**

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

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

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

Rationale:

Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management 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

0 1,450 2,900 5,800 Feet



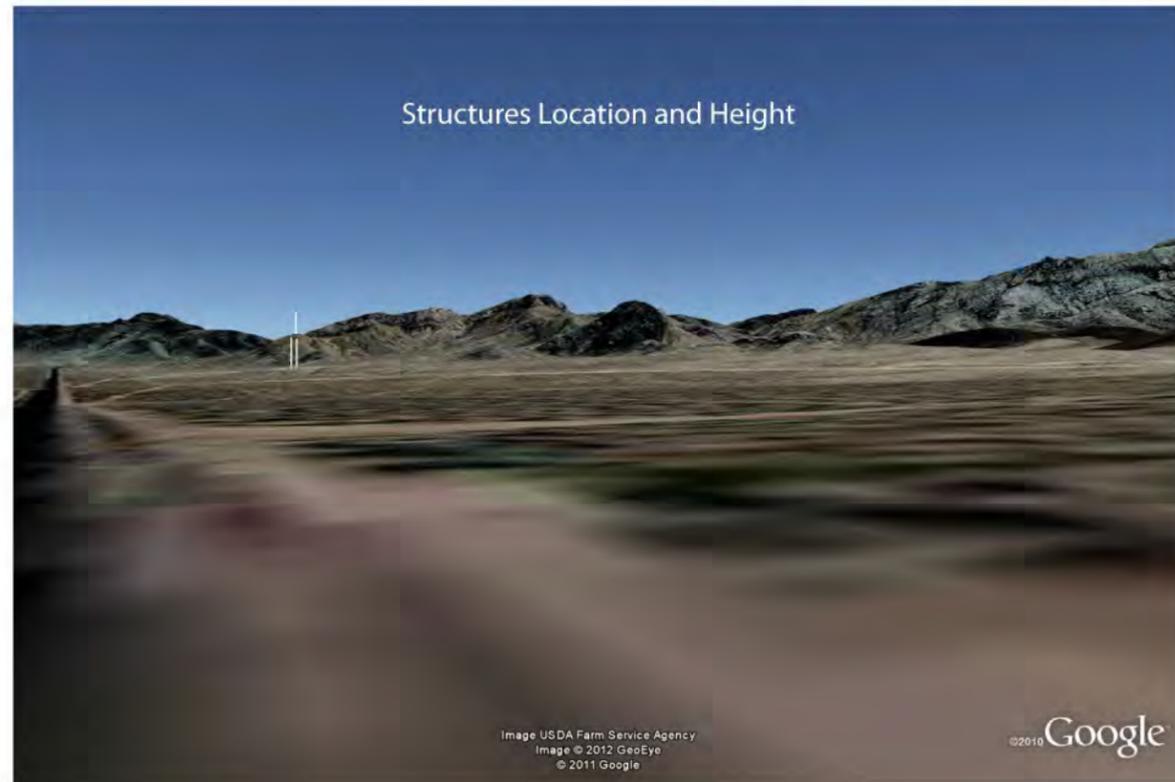
**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP E-8  
U.S. 93  
(Segment 520)





KOP Photograph



Structures Location and Height

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

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Form 8400-4 (September 1985)

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

**VISUAL CONTRAST RATING WORKSHEET**

Date 09/08/2011  
District Ely DO  
Resource Area  
Activity (program)

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location U.S. 93 (eastbound) Township 04S Range 64E Section 10	5. Location Sketch Please see Figure 3.12-3
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**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

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

**SECTION C. PROPOSED ACTIVITY DESCRIPTION**

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

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

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

**Rationale:**

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

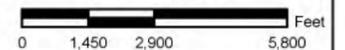
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP E-9  
U.S. 93 (eastbound)  
(Segment 520)

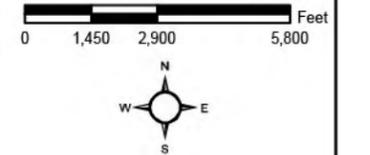




Project Location



KOP Location



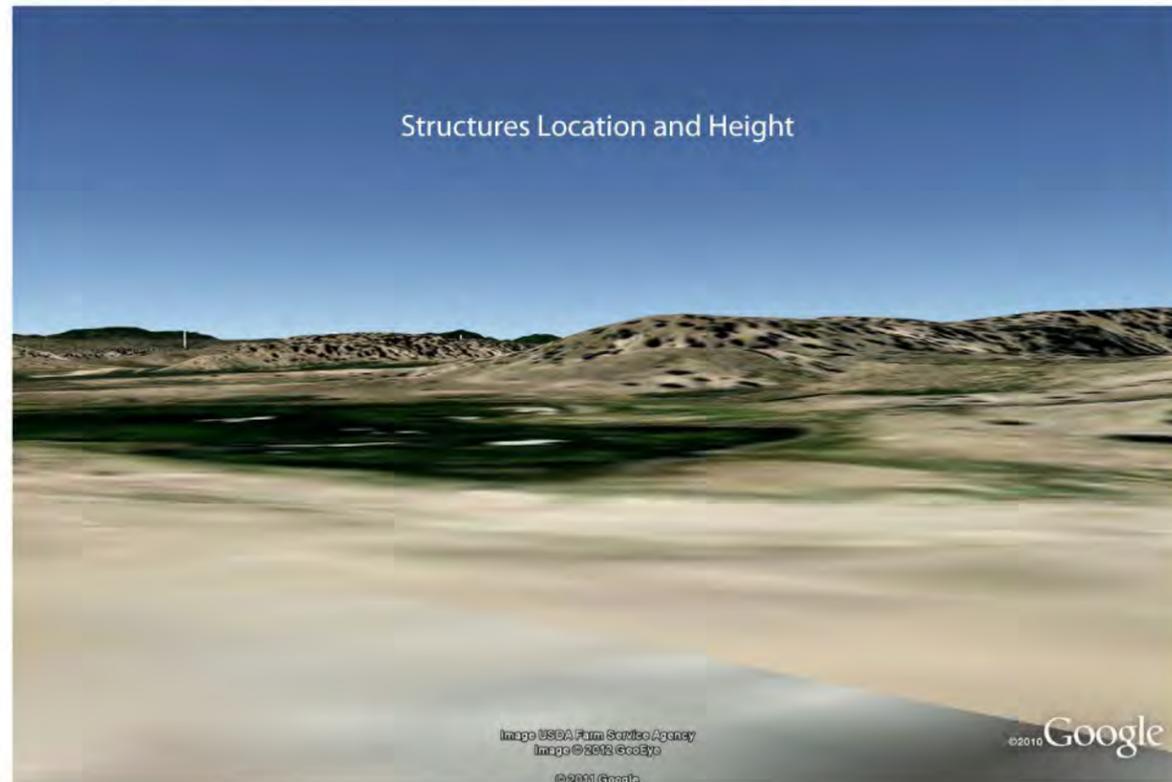
**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP E-9  
Simulated Condition  
(Segment 520)





KOP Photograph



Structures Location and Height

Image USA Farm Service Agency  
Image © 2012 Google  
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Form 8400-4 (September 1985)

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

**VISUAL CONTRAST RATING WORKSHEET**

Date 09/08/2011

District Ely DO

Resource Area

Activity (program)

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**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>Mathews Canyon Reservoir</u> <u>Township_05S</u> <u>Range_69E</u> <u>Section_24</u>	5. Location Sketch Please see Figure 3.12-3
2. Key Observation Point E-10		
3. VRM Class III		

---

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

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

---

**SECTION C. PROPOSED ACTIVITY DESCRIPTION**

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

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

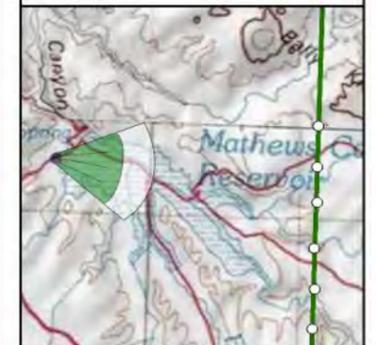
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)		
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended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

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

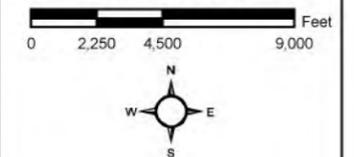
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



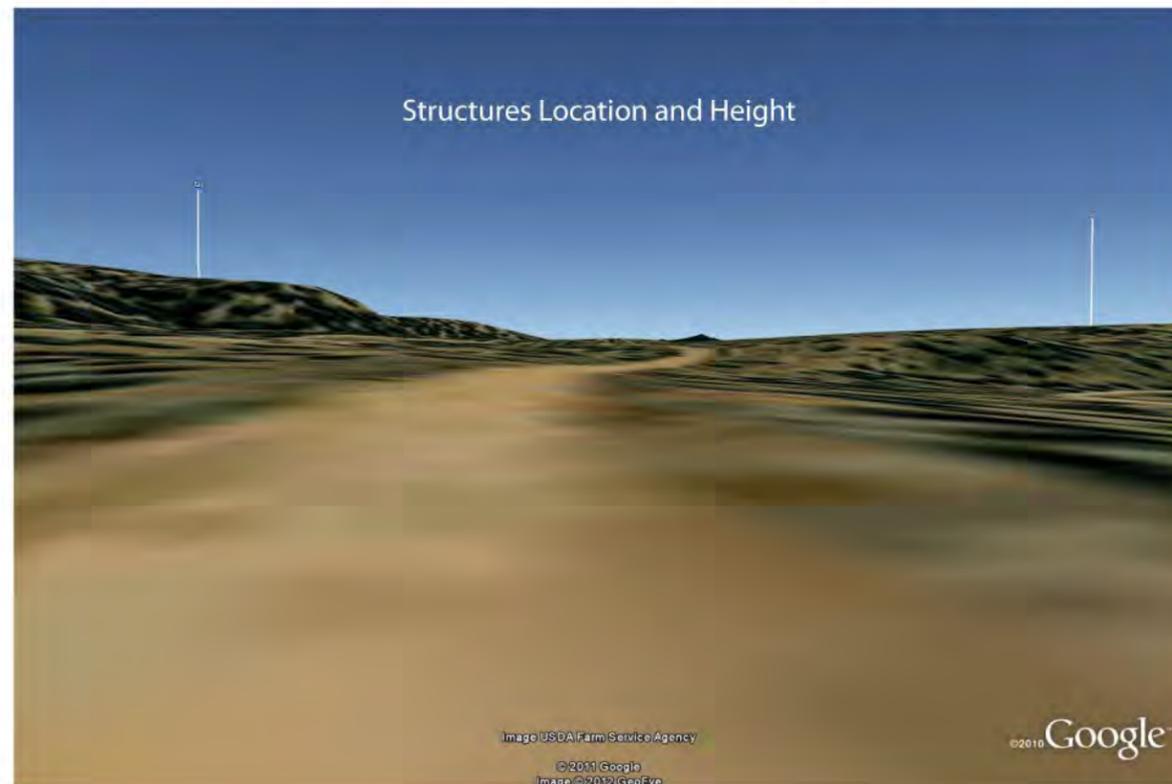
**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP E-10  
Mathews Canyon  
Reservoir  
(Segment 510)





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

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

**VISUAL CONTRAST RATING WORKSHEET**

Date 09/08/2011

District Ely DO

Resource Area

Activity (program)

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**SECTION A. PROJECT INFORMATION**

<b>1. Project Name</b> TransWest Express  <b>2. Key Observation Point</b> E-11  <b>3. VRM Class</b> IV (VRI Class III)	<b>4. Location</b> <u>Backway Loop</u> Township <u>05S</u> Range <u>70E</u> Section <u>31</u>	<b>5. Location Sketch</b>  Please see Figure 3.12-3
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**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

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

---

**SECTION C. PROPOSED ACTIVITY DESCRIPTION**

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

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

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

**Rationale:**

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

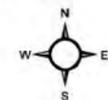
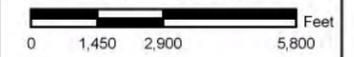
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



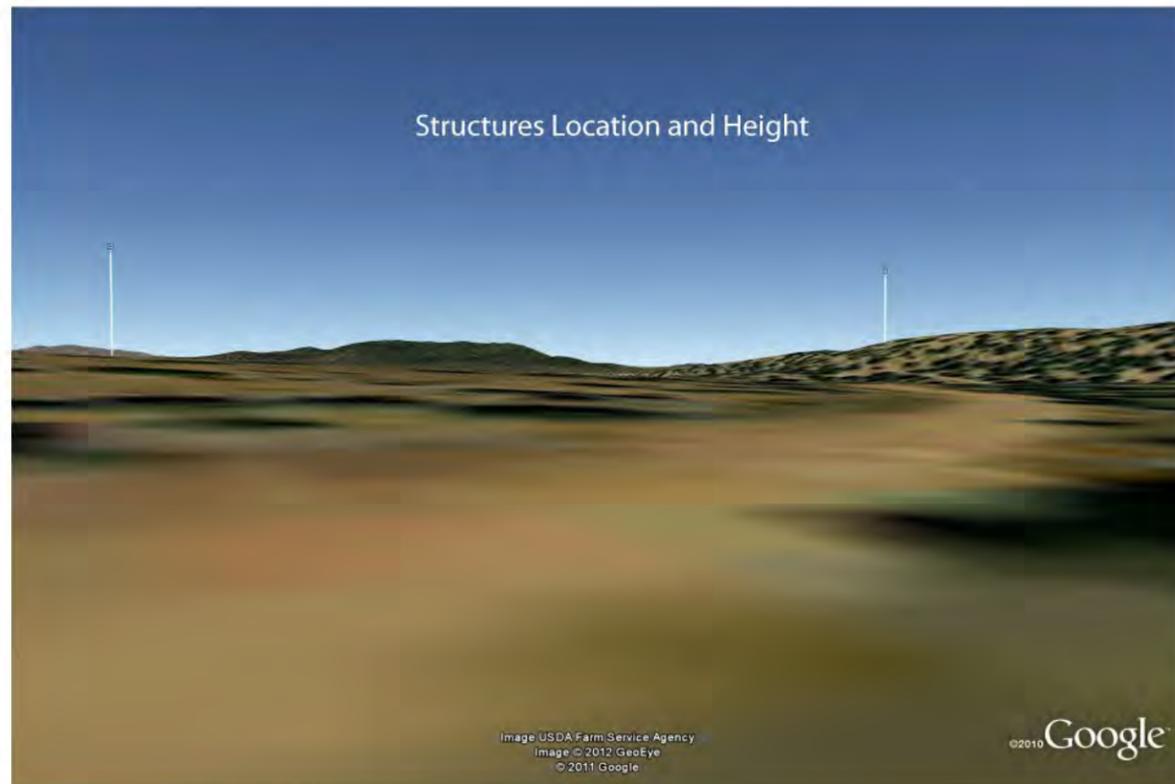
**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP E-11  
Backway Loop  
(Segment 510)





KOP Photograph



Structures Location and Height

Image: USDA Farm Service Agency  
Image © 2012 GeoEye  
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Form 8400-4 (September 1985)

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

**VISUAL CONTRAST RATING WORKSHEET**

Date 09/08/2011  
District Ely DO  
Resource Area  
Activity (program)

---

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>Backway Loop</u> Township <u>05S</u> Range <u>70E</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 foothills.	Dense planar blanket of PJ and sagebrush.	Planar roadway.
LINE	Curvilinear ridgelines.	Irregular PJ and sagebrush patterns.	Curvilinear roadway.
COLOR	Light to medium reddish tan and grey..	Dark green PJ and medium silvery green sagebrush.	Light to medium reddish brown.
TEXTURE	Smooth landform.	Smooth, medium and coarse.	Smooth.

---

**SECTION C. PROPOSED ACTIVITY DESCRIPTION**

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

---

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

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

**Rationale:**

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

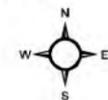
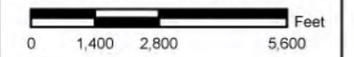
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



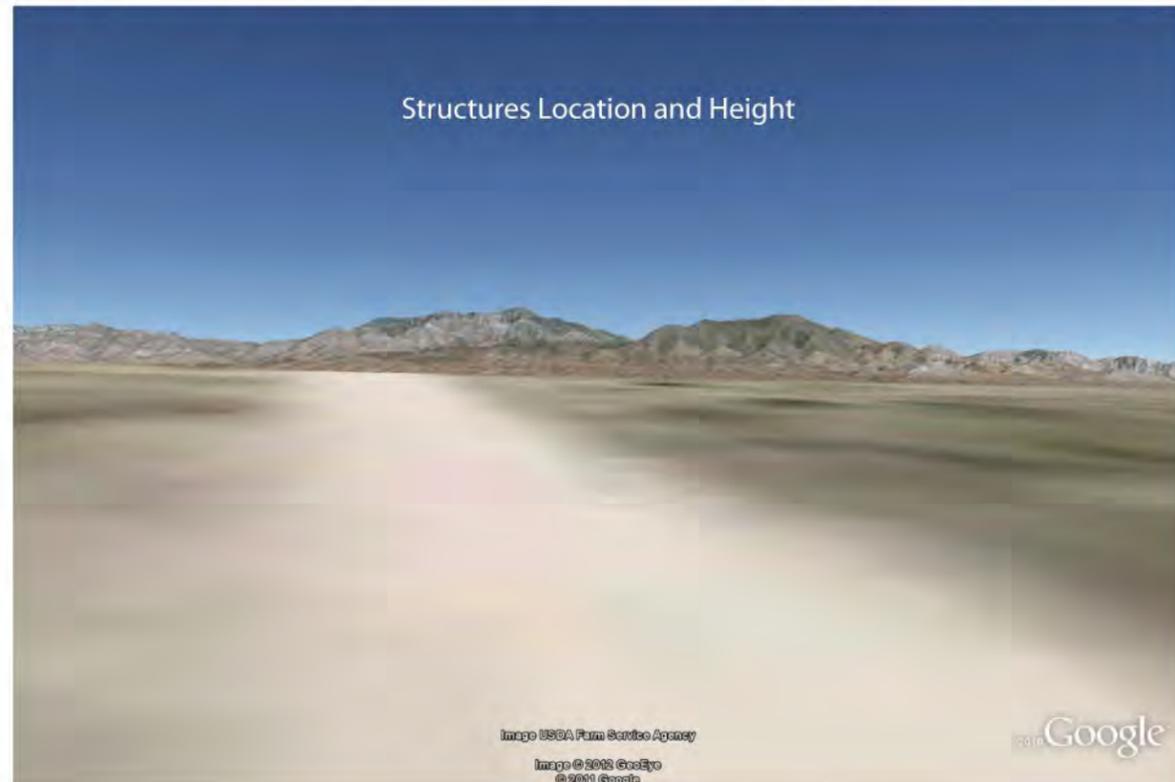
**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP E-12  
Backway Loop  
(Segment 510)





KOP Photograph



Structures Location and Height

Image USDA Farm Service Agency  
Image © 2013 GeoEye  
© 2011 Google

Form 8400-4 (September 1985)

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

**VISUAL CONTRAST RATING WORKSHEET**

Date 08/20/2011

District Ely DO

Resource Area

Activity (program)

---

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location Tule Spr Hills Backway Loop (EB) Township 09S Range 71E Section 10	5. Location Sketch  Please see Figure 3.12-3
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**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

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

---

**SECTION C. PROPOSED ACTIVITY DESCRIPTION**

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

---

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

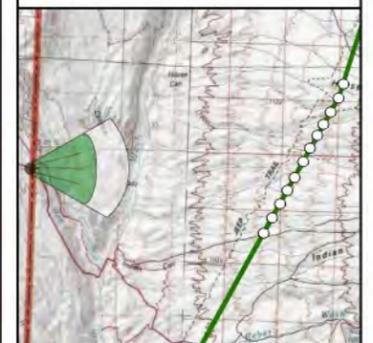
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended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

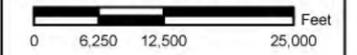
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



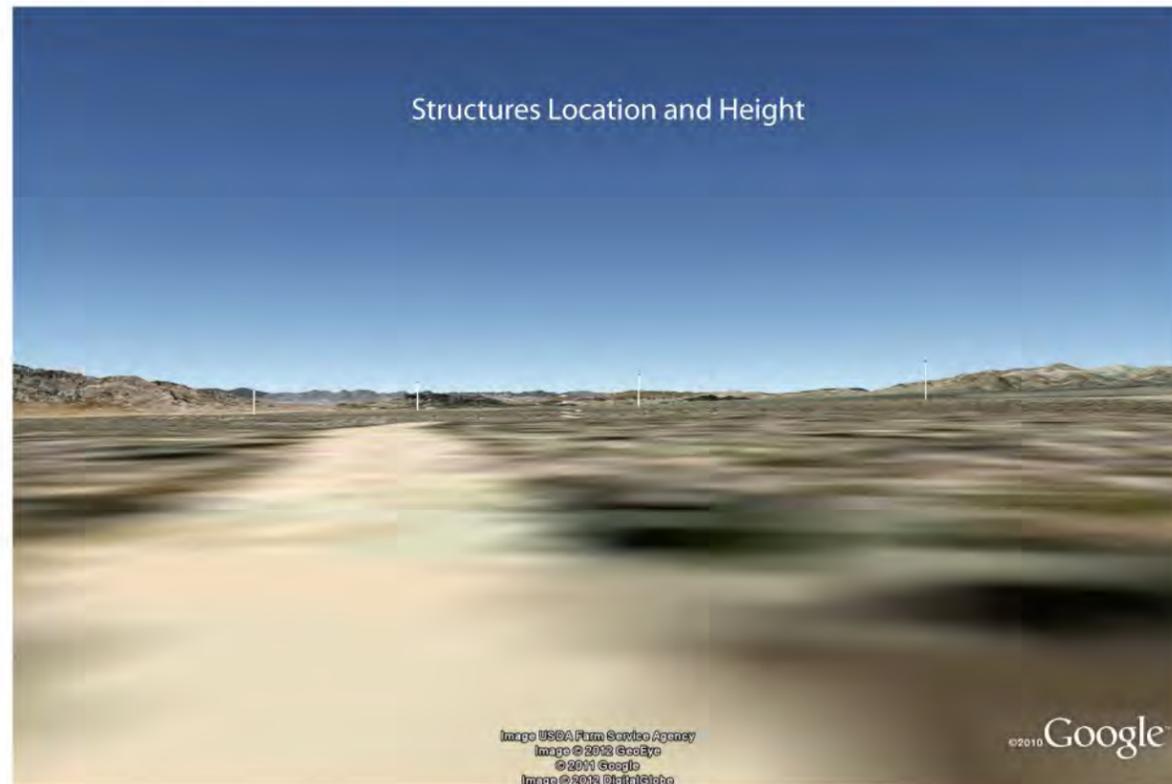
**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP E-13  
Tule Spring Hills  
Backway Loop (eastbound)  
(Segment 502)





KOP Photograph



Structures Location and Height

Image USA Firm Studio Agency  
 Image © 2012 GeoEye  
 © 2011 Google  
 Image © 2012 DigitalGlobe  
 ©2010 Google

Form 8400-4 (September 1985)

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

**VISUAL CONTRAST RATING WORKSHEET**

Date 09/08/2011  
 District Ely DO  
 Resource Area  
 Activity (program)

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location Backway Loop	5. Location Sketch Please see Figure 3.12-3
2. Key Observation Point E-14	Township 09S	
3. VRM Class IV (VRI Class III)	Range 69E Section 001	

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

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

**SECTION C. PROPOSED ACTIVITY DESCRIPTION**

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

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

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

Rationale:  
 Where the Project would be located within 0.5 miles of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III 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.

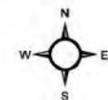
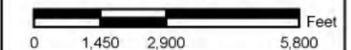
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



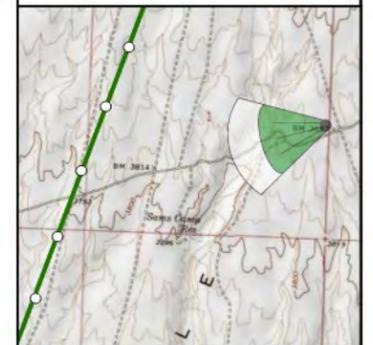
**TRANSWEST EXPRESS  
 TRANSMISSION PROJECT**

KOP E-14  
 Backway Loop  
 (Segment 510)

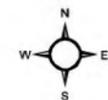




Project Location



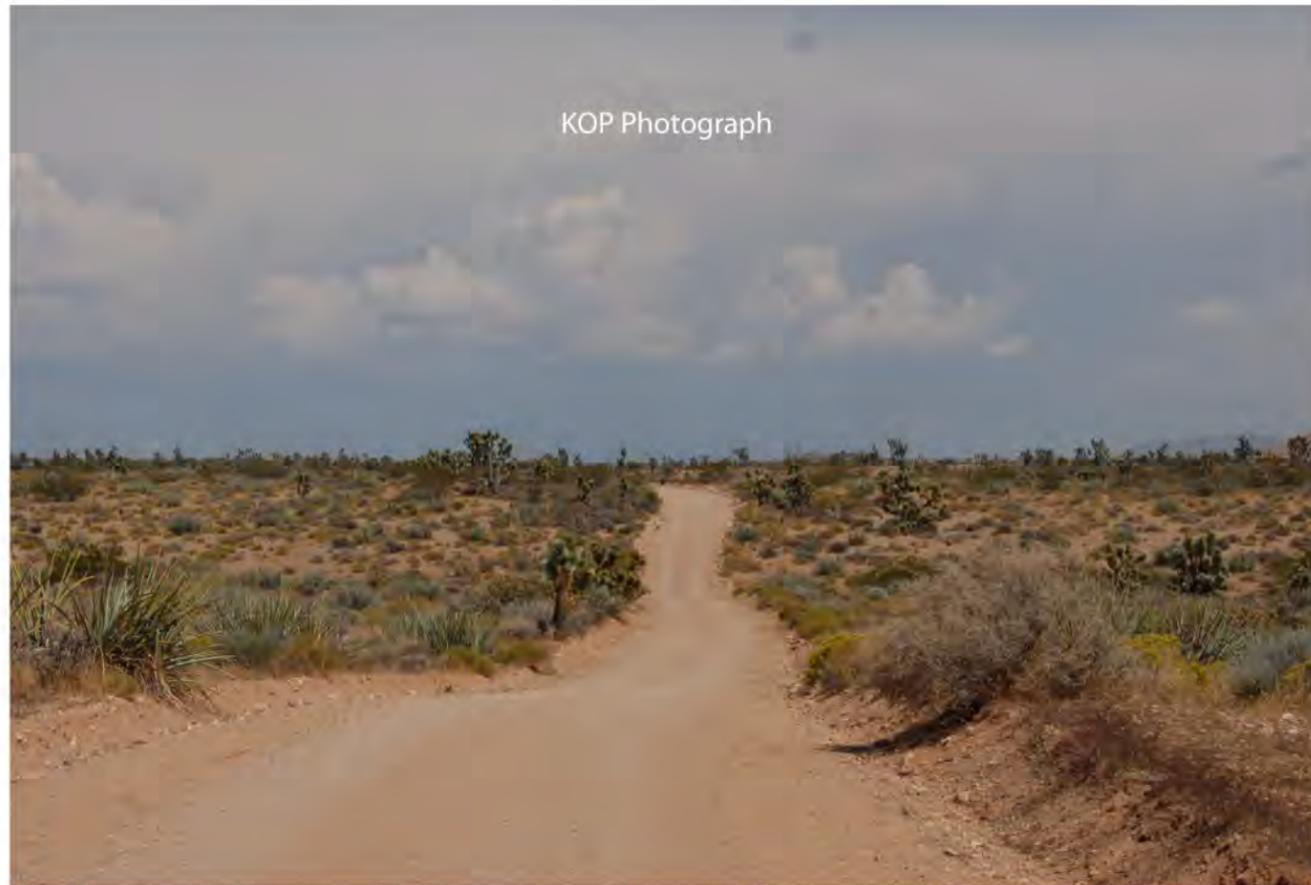
KOP Location



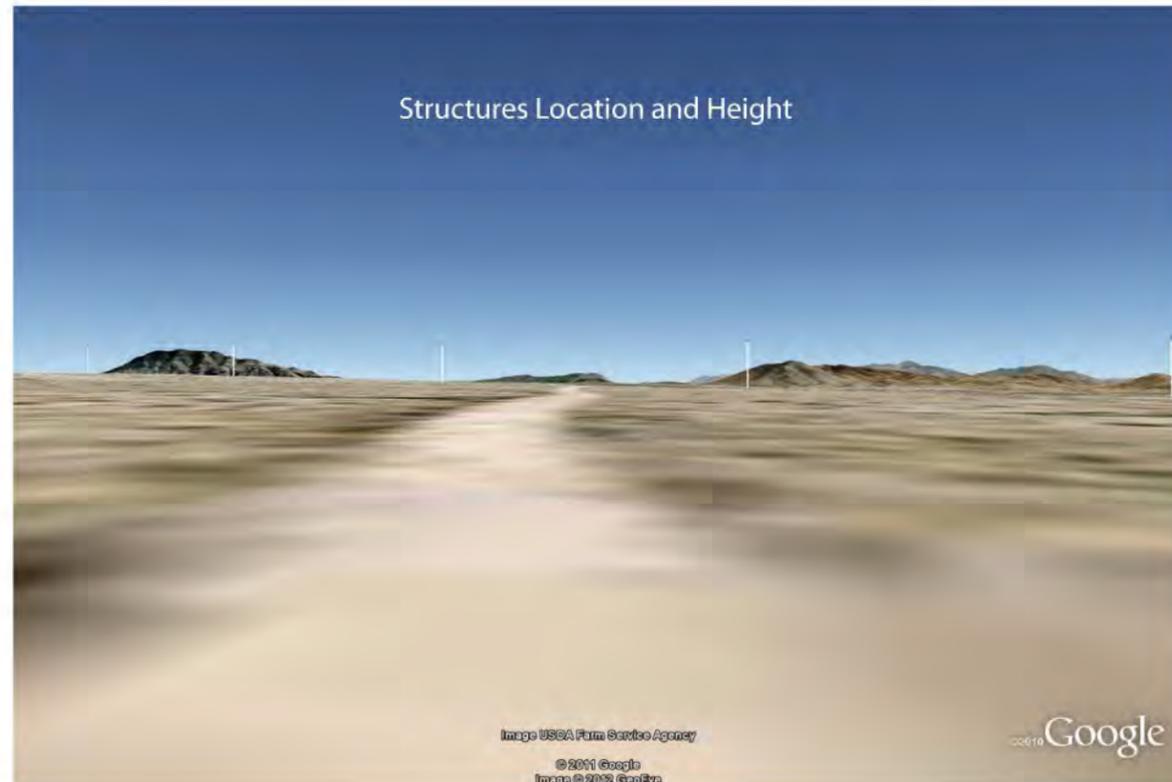
**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP E-14  
Simulated Condition  
(Segment 510)





KOP Photograph



Structures Location and Height

Image USFS Farm Service Agency  
© 2011 Google  
Image © 2012 Google

Form 8400-4 (September 1985)

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

**VISUAL CONTRAST RATING WORKSHEET**

Date 09/08/2011

District Ely DO

Resource Area

Activity (program)

---

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>Backway Loop</u> Township <u>09S</u> Range <u>69E</u> Section <u>011</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 plane.	Clumps of Joshua trees, cat's claw, yucca and high desert shrubs.	Planar roadway.
LINE	Horizontal ridgelines.	Irregular Joshua tree, yucca, and shrub patterns.	Curvilinear roadway.
COLOR	Light to medium reddish tan and grey.	Silvery green to brownish green Joshua trees, yucca, and shrubs.	Light to medium reddish brown.
TEXTURE	Smooth landform.	Smooth, medium and coarse.	Smooth.

---

**SECTION C. PROPOSED ACTIVITY DESCRIPTION**

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

---

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

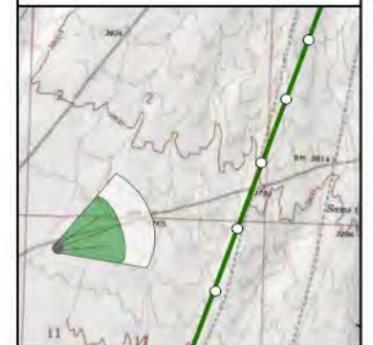
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended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

Rationale:  
Where the Project would be located within 0.5 miles of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III 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.

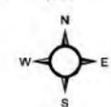
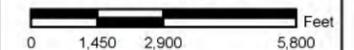
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



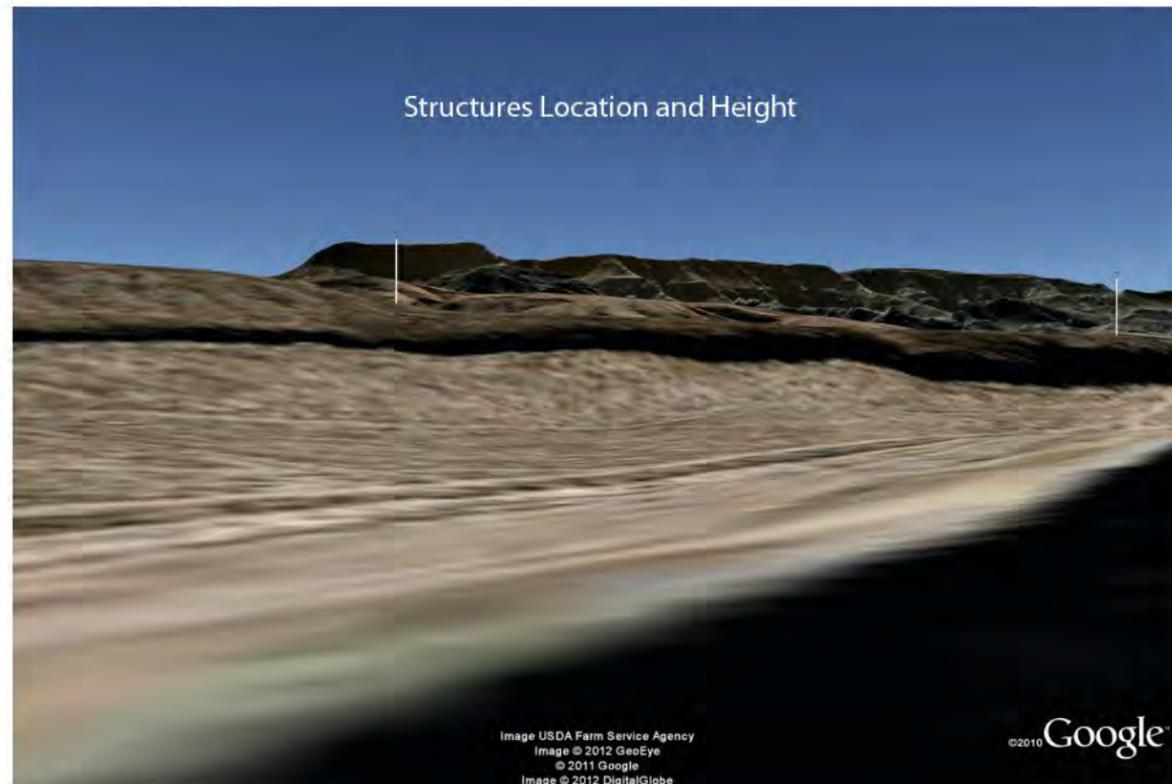
**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP E-15  
Backway Loop  
(Segment 510)





KOP Photograph



Structures Location and Height

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

©2010 Google

Form 8400-4  
(September 1985)

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

**VISUAL CONTRAST RATING WORKSHEET**

Date 09/08/2011

District Ely DO

Resource Area

Activity (program)

---

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location U.S. 93- Pahranagat(southbound) Township 09S Range 62E Section 003	5. Location Sketch  Please see Figure 3.12-3
--------------------------------------	--	--

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

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

**SECTION C. PROPOSED ACTIVITY DESCRIPTION**

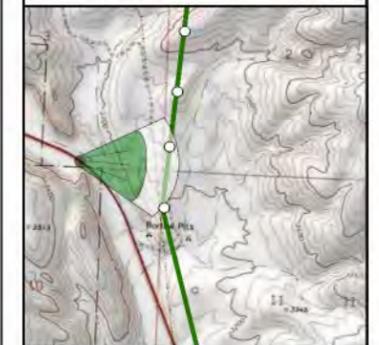
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse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

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

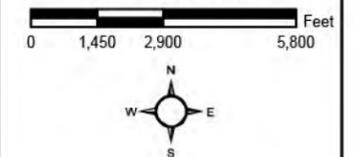
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No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



Project Location



KOP Location



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

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

**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

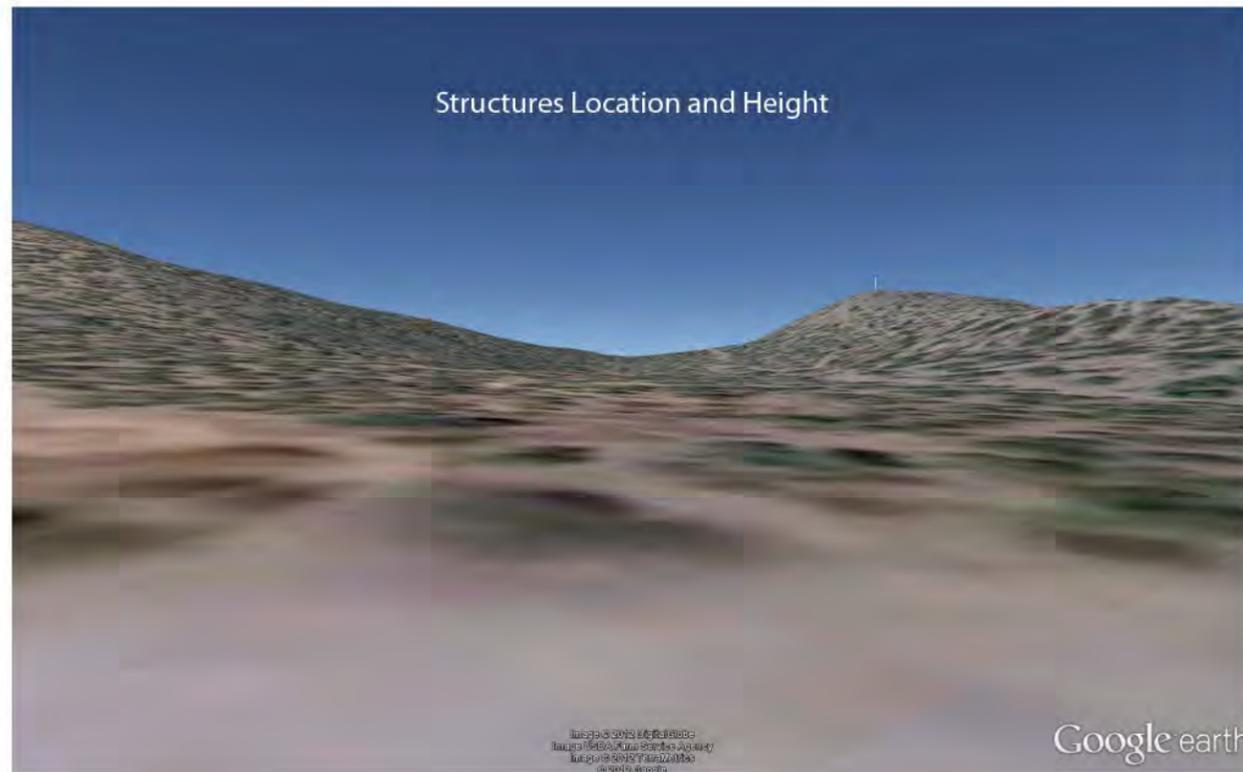
KOP E-16  
U.S. 93-Pahranagat  
(southbound)  
(Segment 520)







KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

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

**VISUAL CONTRAST RATING WORKSHEET**

Date 09/08/2011  
District Ely DO  
Resource Area  
Activity (program)

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location Silver State Trailhead and Parking Township 04S Range 65E Section 014	5. Location Sketch Please see Figure 3.12-3
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**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

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

**SECTION C. PROPOSED ACTIVITY DESCRIPTION**

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

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

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

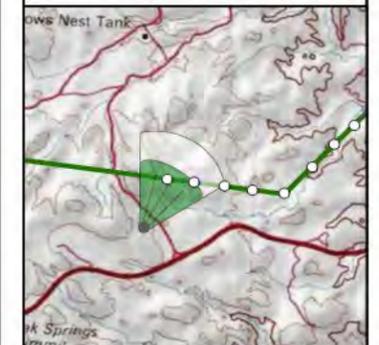
**Rationale:**

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

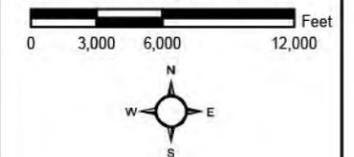
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP E-29  
Silver State Trailhead and Parking  
(Segment 520)

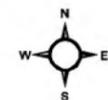
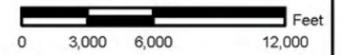




Project Location



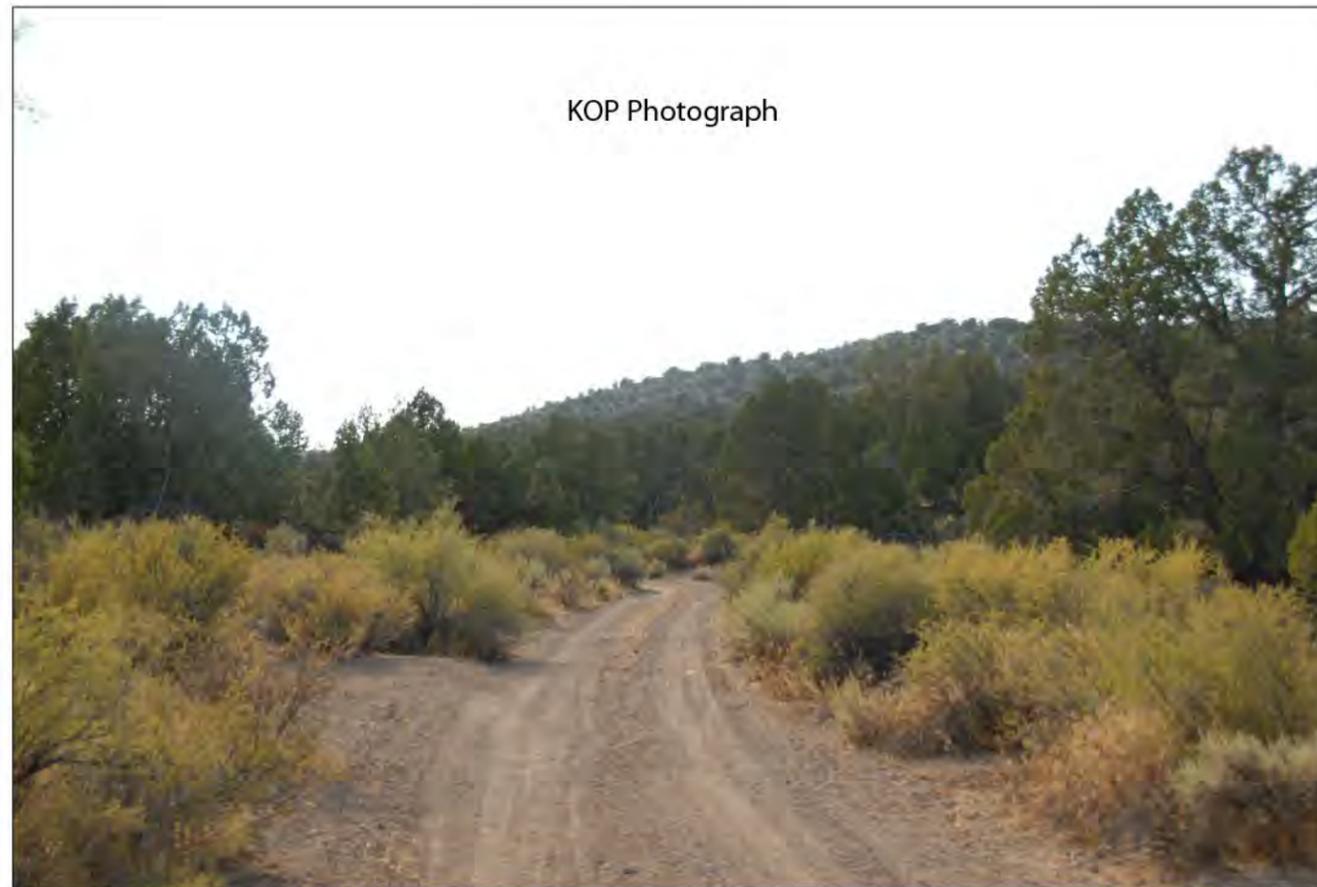
KOP Location



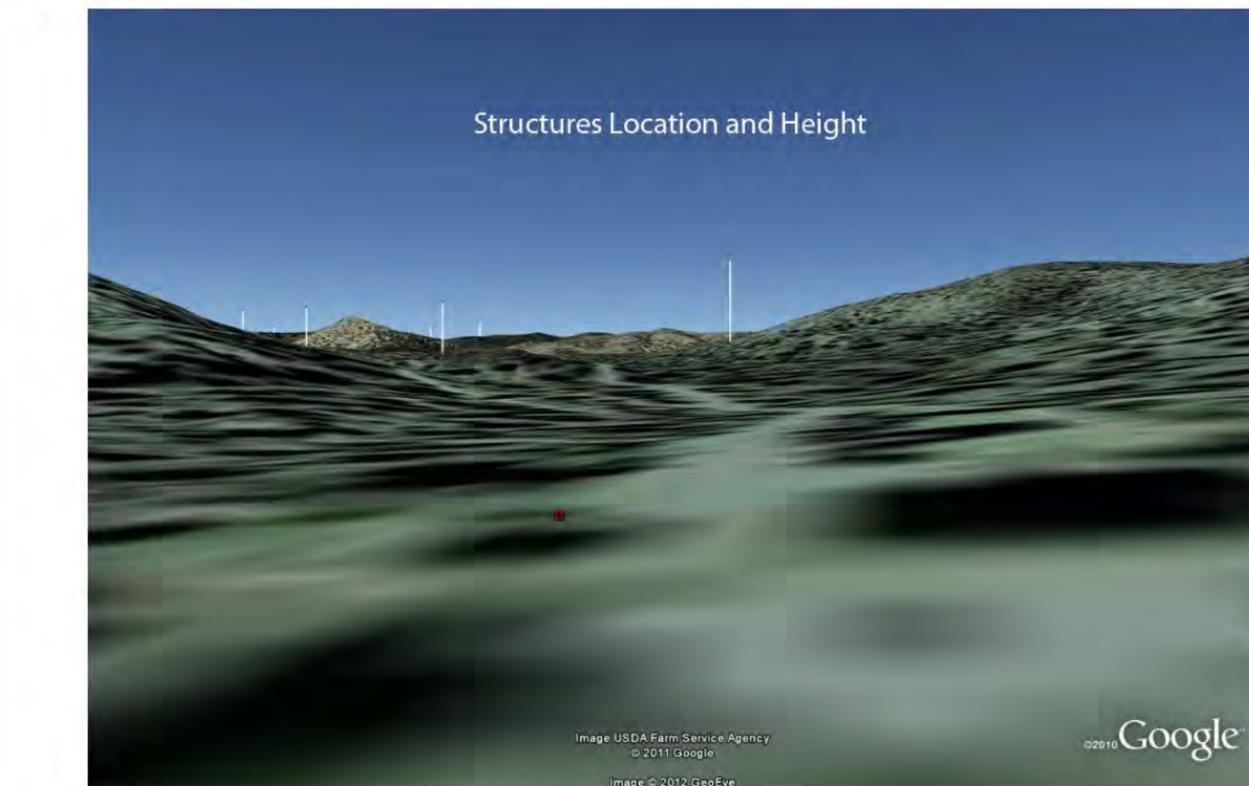
**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP E-29  
Simulated Condition  
(Segment 520)





KOP Photograph



Structures Location and Height

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

©2010 Google

Form 8400-4 (September 1985)

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

**VISUAL CONTRAST RATING WORKSHEET**

Date 09/08/2011

District Ely DO

Resource Area

Activity (program)

---

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location <u>Silver State Trail Road (NB)</u> <u>Trail Road (NB)</u> <u>Township 04S</u> <u>Range 66E</u> <u>Section 005</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	Undulating planar land form.	Blanket of PJ. Clumps of shrubs and grasses.	Planar road.
LINE	Angular ridgeline.	Irregular PJ, shrub and grass patterns.	Meandering roadway.
COLOR	Light to medium reddish tan and grey..	Medium to dark olive green PJ. Yellowish green shrubs and tan grasses..	Light to medium reddish tan.
TEX-TURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

---

**SECTION C. PROPOSED ACTIVITY DESCRIPTION**

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

---

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

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

Rationale:  
Where the Project would be located within 0.5 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 comply with VRM Class III 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.

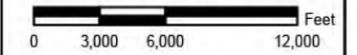
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



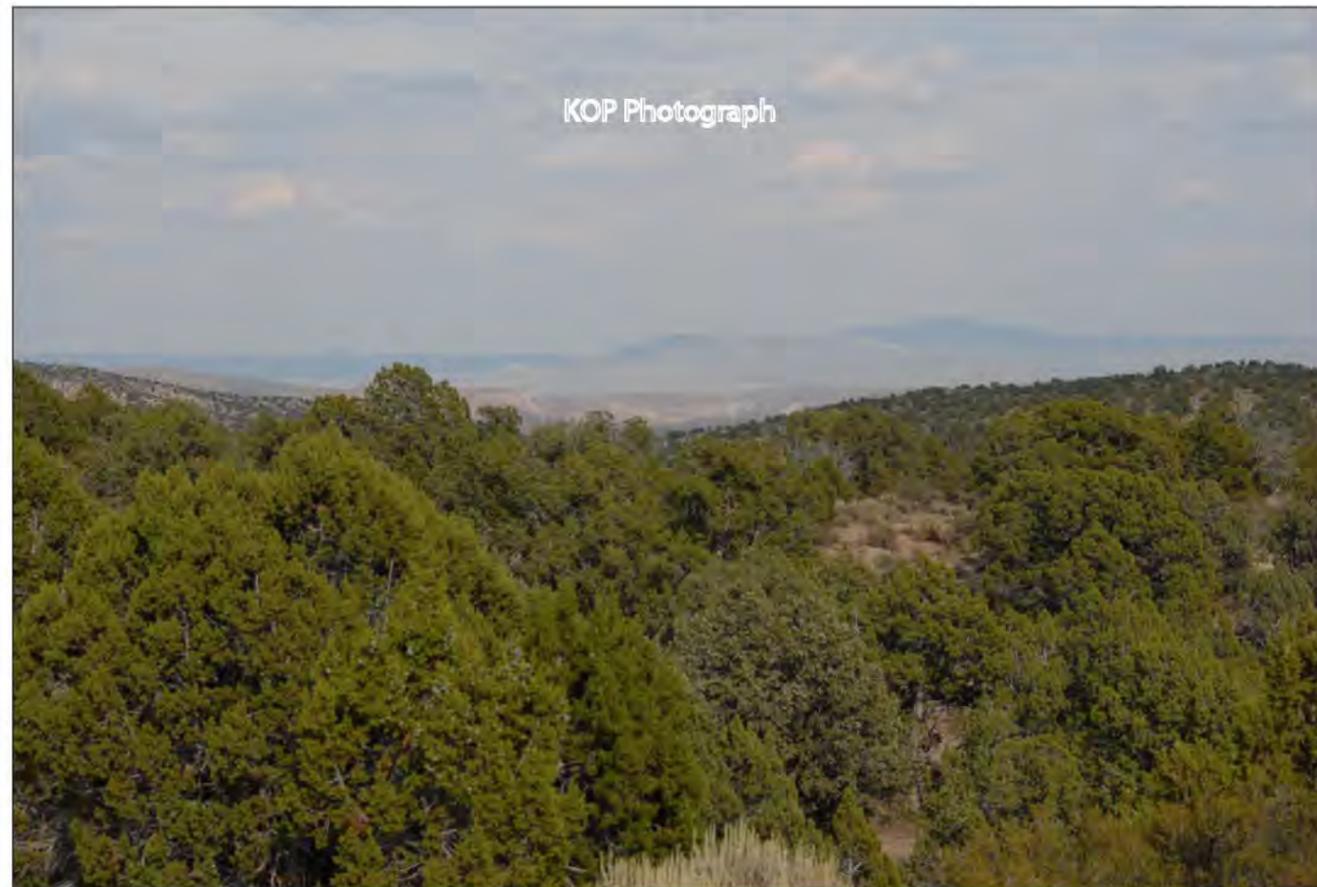
KOP Location



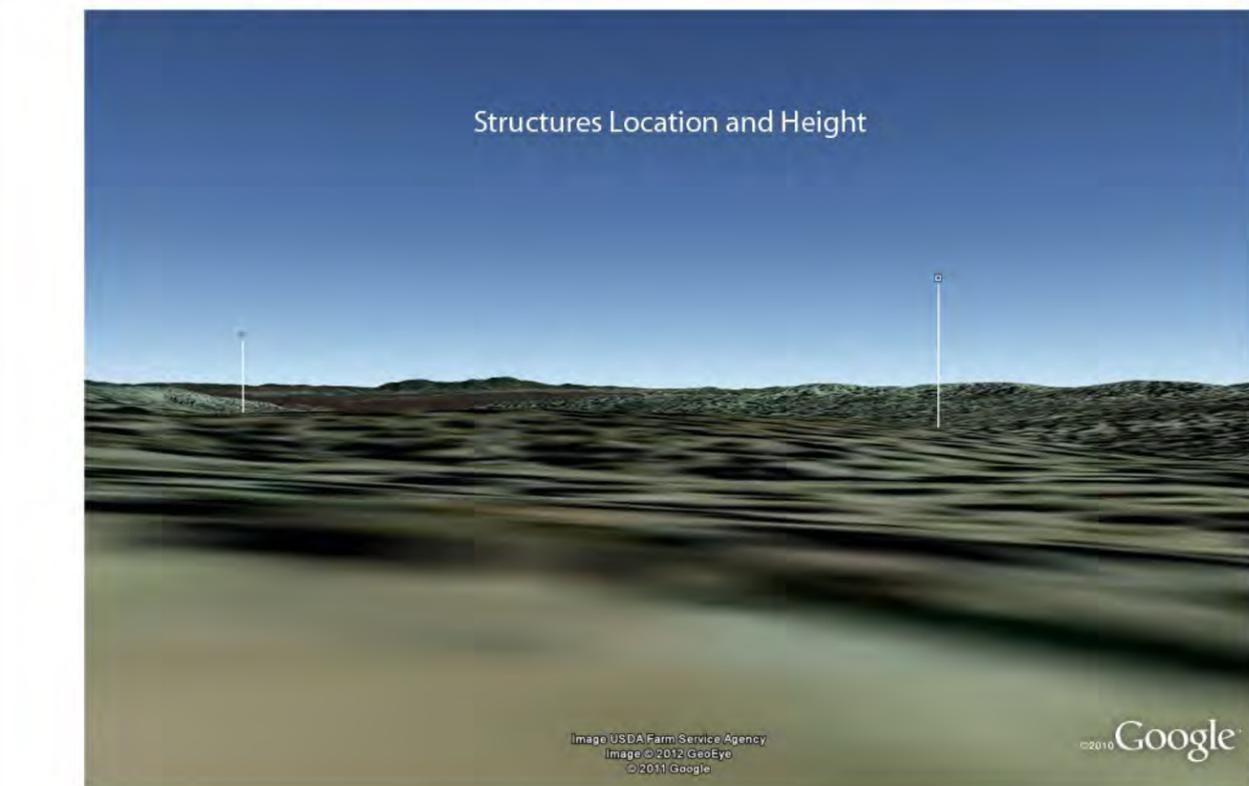
**TRANSWEST EXPRESS TRANSMISSION PROJECT**

KOP E-30  
Silver State Trail Road  
(northbound)  
(Segment 520)





KOP Photograph



Structures Location and Height

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

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

**VISUAL CONTRAST RATING WORKSHEET**

Date 09/08/2011  
District Ely DO  
Resource Area  
Activity (program)

**SECTION A. PROJECT INFORMATION**

1. Project Name TransWest Express	4. Location Silver State Trail Road (NB)	5. Location Sketch Please see Figure 3.12-3
2. Key Observation Point E-31	Township 04S	
3. VRM Class III (VRI Class III)	Range 66E Section 006	

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

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

**SECTION C. PROPOSED ACTIVITY DESCRIPTION**

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

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

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

Rationale:  
Where the Project would be located within 0.5 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 comply with VRM Class III 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.

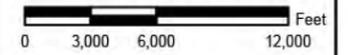
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



**TRANSWEST EXPRESS  
TRANSMISSION PROJECT**

KOP E-31  
Silver State Trail Road  
(northbound)  
(Segment 520)

