

Form 8-400-4 (September 1985)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 10/03/2010

District Rawlins FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

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

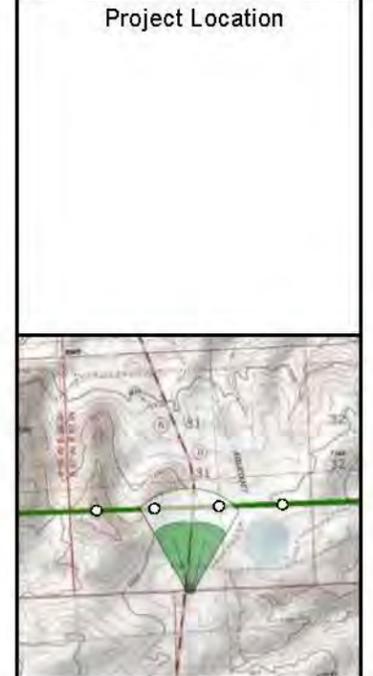
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar angular, horizontal, and rolling ridges. Angular side slopes and erosion cuts.	Organic planes of grasses.	Planar foreground roadway. Cubed structures. Linear markers and fence posts.
LINE	Strong foreground angular skyline. Angular side slopes. Linear,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

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

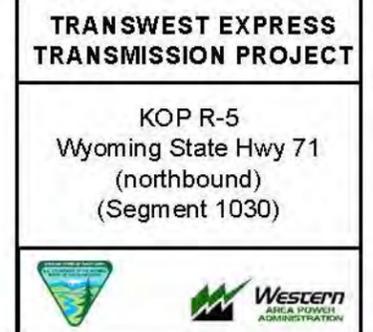
SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)		
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None			
Form													X	Evaluator's Names M. Paulson	Date 10/03/2010
Line															
Color															
Texture															



TRANSWEST EXPRESS TRANSMISSION PROJECT

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



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

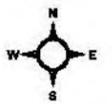


Project Location



KOP Location

0 1,450 2,900 5,800 Feet



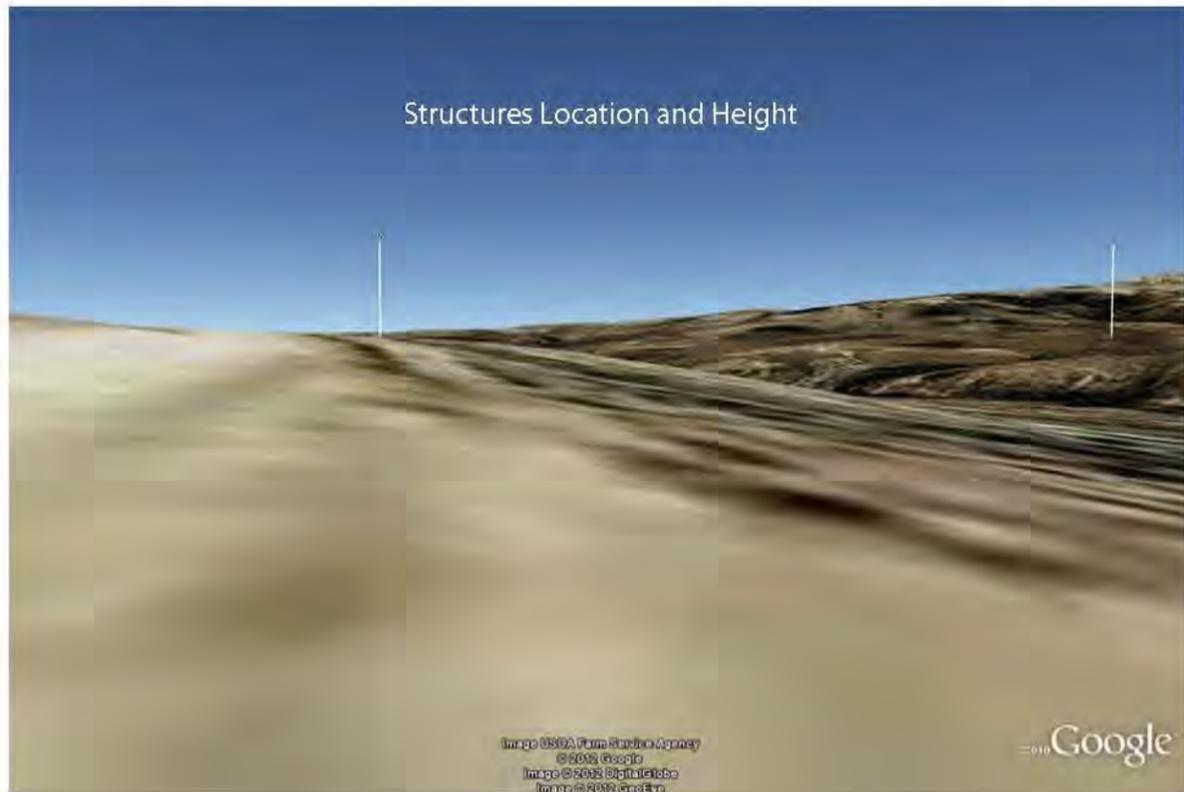
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP R-5
Simulated Condition
(Segment 1030)





KOP Photograph



Structures Location and Height

Image USAA from Rawlins Agency
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Image © 2011 DigitalGlobe
Image © 2011 GeoEye

Google

Form 9400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 10/15/2011

District Rawlins FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

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

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

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

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)		
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)							
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None				
Form													X		Evaluator's Names M. Paulson	Date 10/15/2011
Line													X			
Color														X		
Texture														X		

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

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



Project Location



KOP Location

0 1,400 2,800 5,600 Feet



**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

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

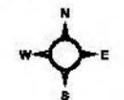




Project Location



KOP Location



**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP R-6
Simulated Condition
(Segment 1030)





Project Location



KOP Location



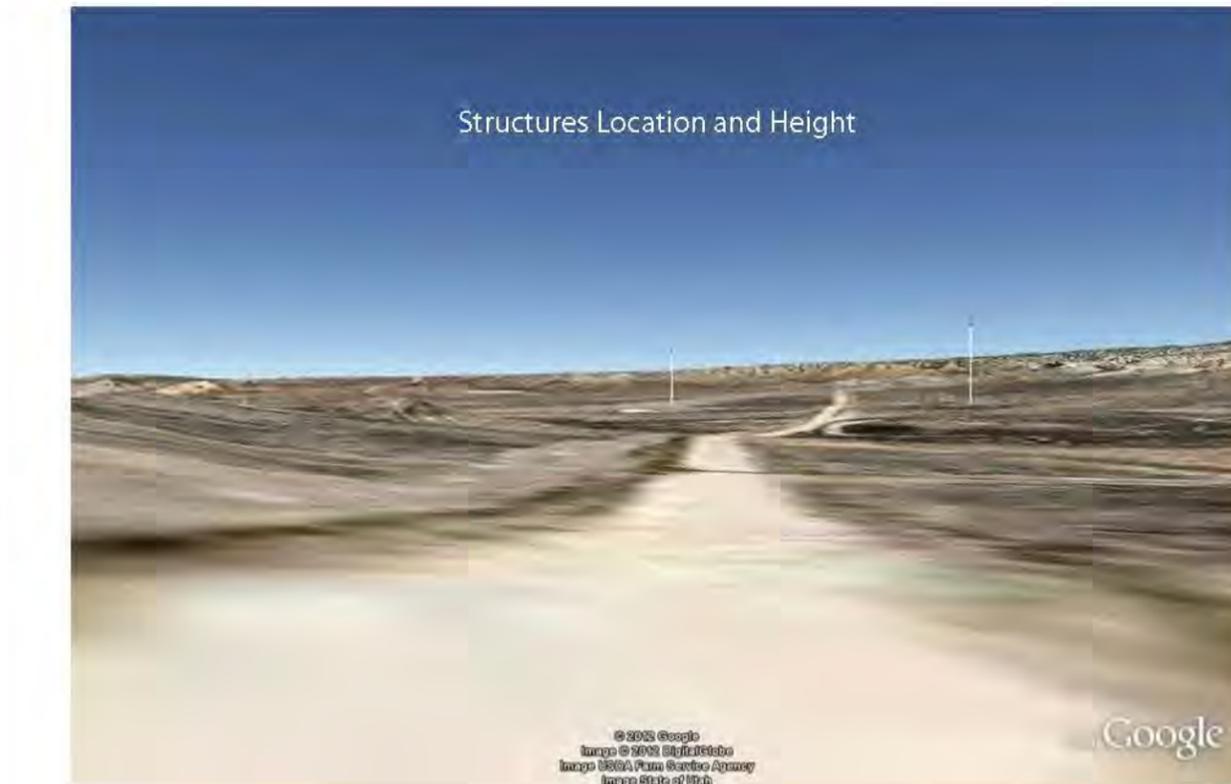
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP R-6
Cumulative Condition
(Segment 1030)





KOP Photograph



Structures Location and Height

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 Image © 2003 Google Earth
 Image © 2003 Google Earth

Form 8400-4 (September 1985)

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

Date 10/03/2010
 District Rawlins FO
 Resource Area
 Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
 2. Key Observation Point: R-7
 3. VRM Class: III (VRI Class III)
 4. Location: Poison Buttes Road, Township 12N, Range 92W, Section 4
 5. Location Sketch: Please see Figure 3.12-1

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

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

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

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

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

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

Evaluator's Names: M. Paulson Date: 10/03/2010

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

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



Project Location



KOP Location



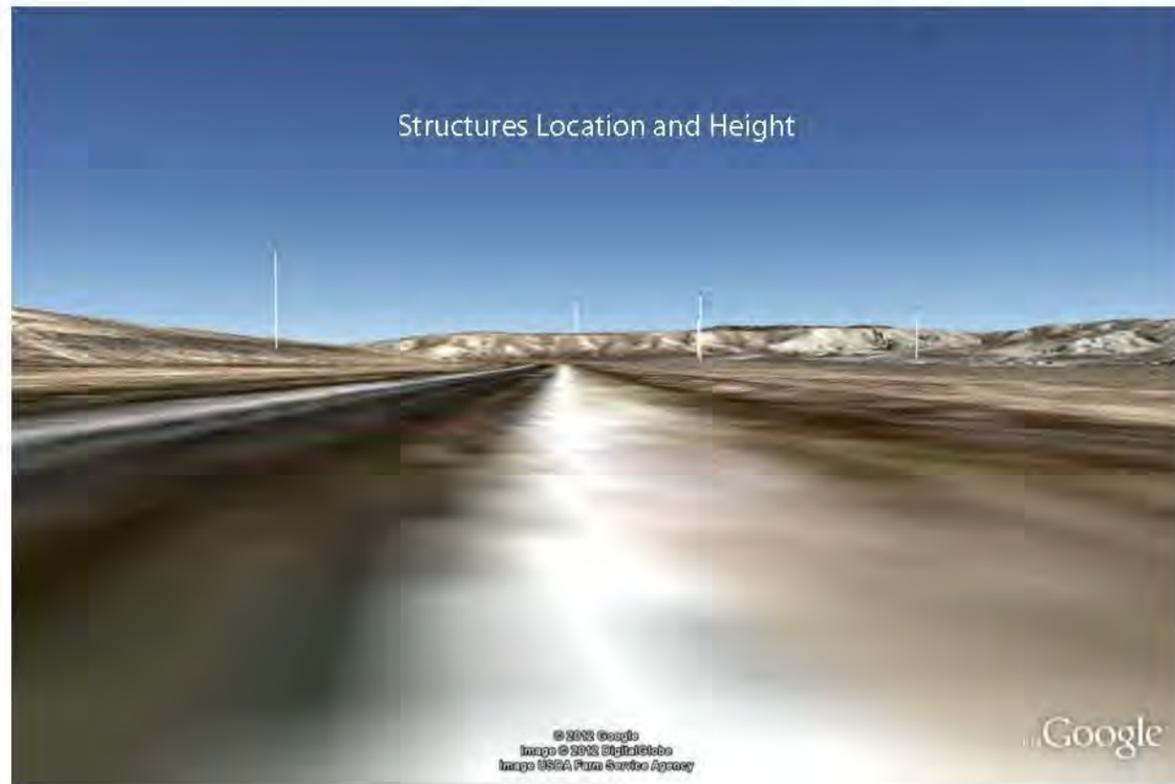
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP R-7
 Poison Buttes Road
 (Segment 1115)





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 10/03/2010

District Rawlins FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express

2. Key Observation Point: R-8

3. VRM Class: IV (VRI Class III)

4. Location: Wyoming, SH-789 (NB), Township 13N, Range 91W, Section 15

5. Location Sketch: Please see Figure 3.12-1

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

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

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form												X	Evaluator's Names: M. Paulson Date: 10/03/2010	
Line												X		
Color												X		
Texture												X		

Rationale:

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

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



Project Location



KOP Location



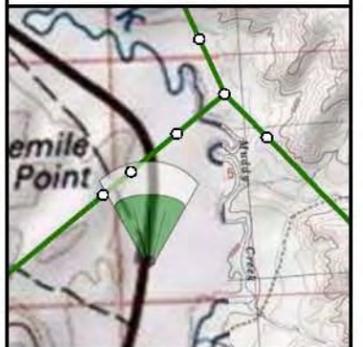
TRANSWEST EXPRESS TRANSMISSION PROJECT

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

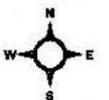




Project Location



KOP Location



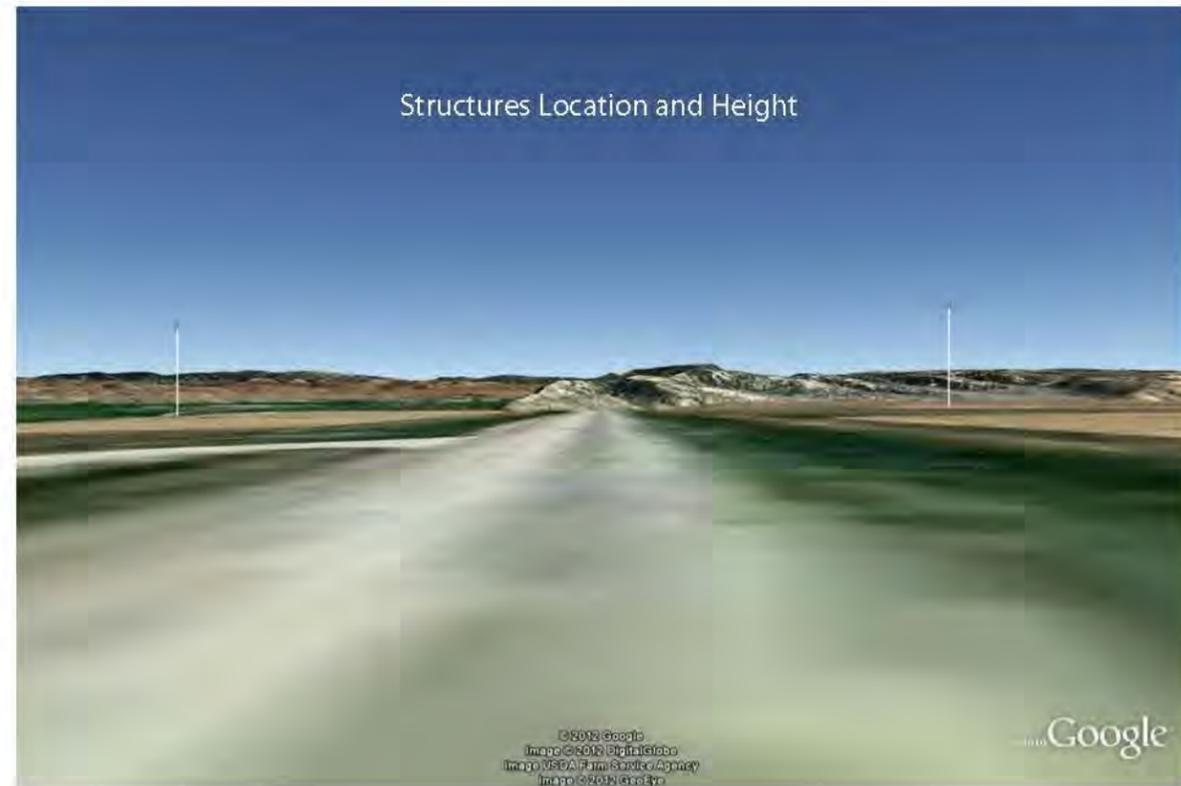
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP R-8
Simulated Condition
(Segment 1190)





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

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

VISUAL CONTRAST RATING WORKSHEET

Date 10/03/2010

District Rawlins FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

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

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

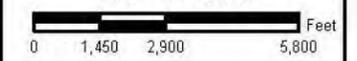
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form													X	Evaluator's Names M. Paulson Date 10/03/2010
Line													X	
Color													X	
Texture													X	



Project Location



KOP Location



**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

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

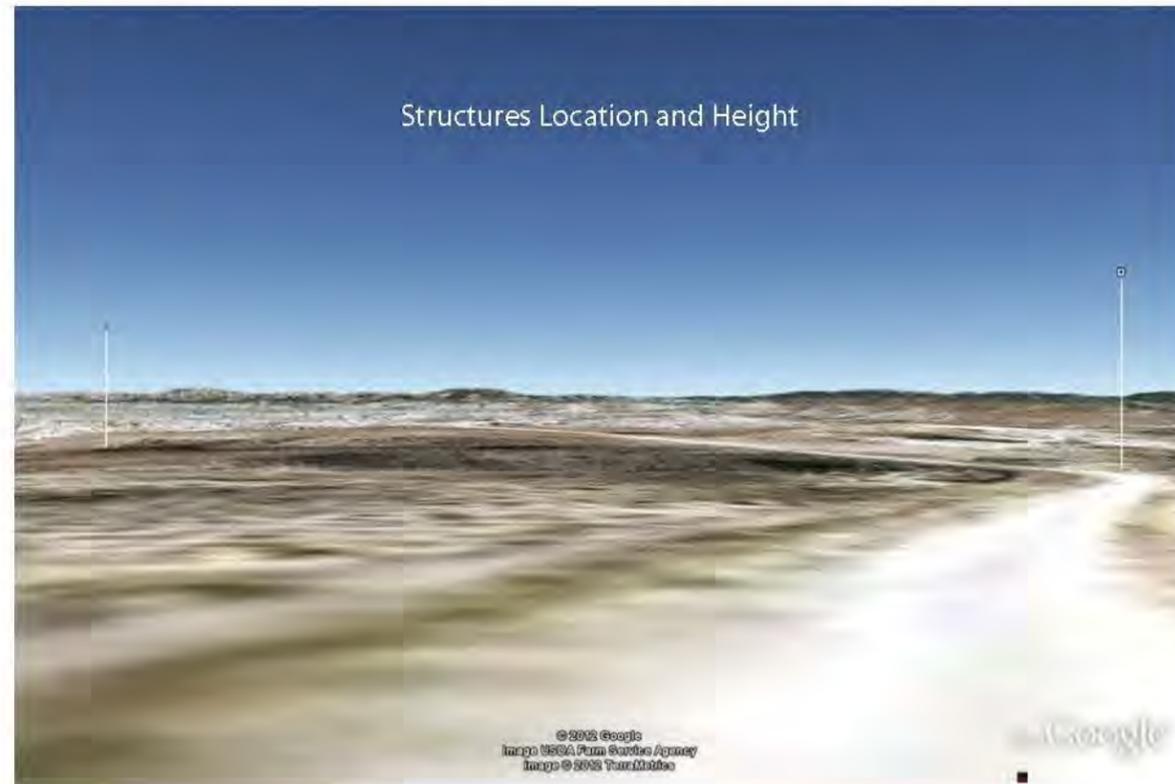


Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

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



KOP Photograph



Structures Location and Height

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 Image USA from Google Agency
 Image © 2012 TransWest

Form 8400-4 (September 1985)

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 10/03/2010
 District Rawlins FO
 Resource Area
 Activity (program)

SECTION A. PROJECT INFORMATION

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

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

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

SECTION C. PROPOSED ACTIVITY DESCRIPTION

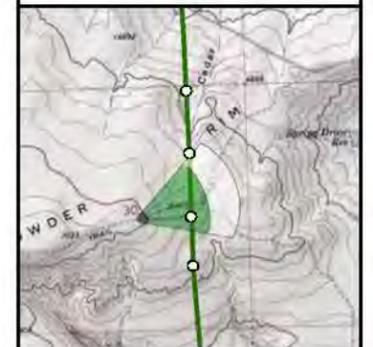
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Strongly pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE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

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form													X	Evaluator's Names M. Paulson Date 10/03/2010
Line													X	
Color													X	
Texture													X	



Project Location



KOP Location



**TRANSWEST EXPRESS
 TRANSMISSION PROJECT**

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



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

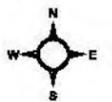
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



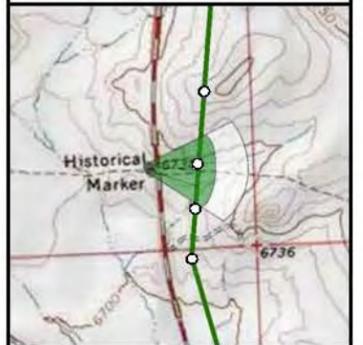
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP R-10
Simulated Condition
(Segment 1120.2)

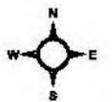




Project Location



KOP Location



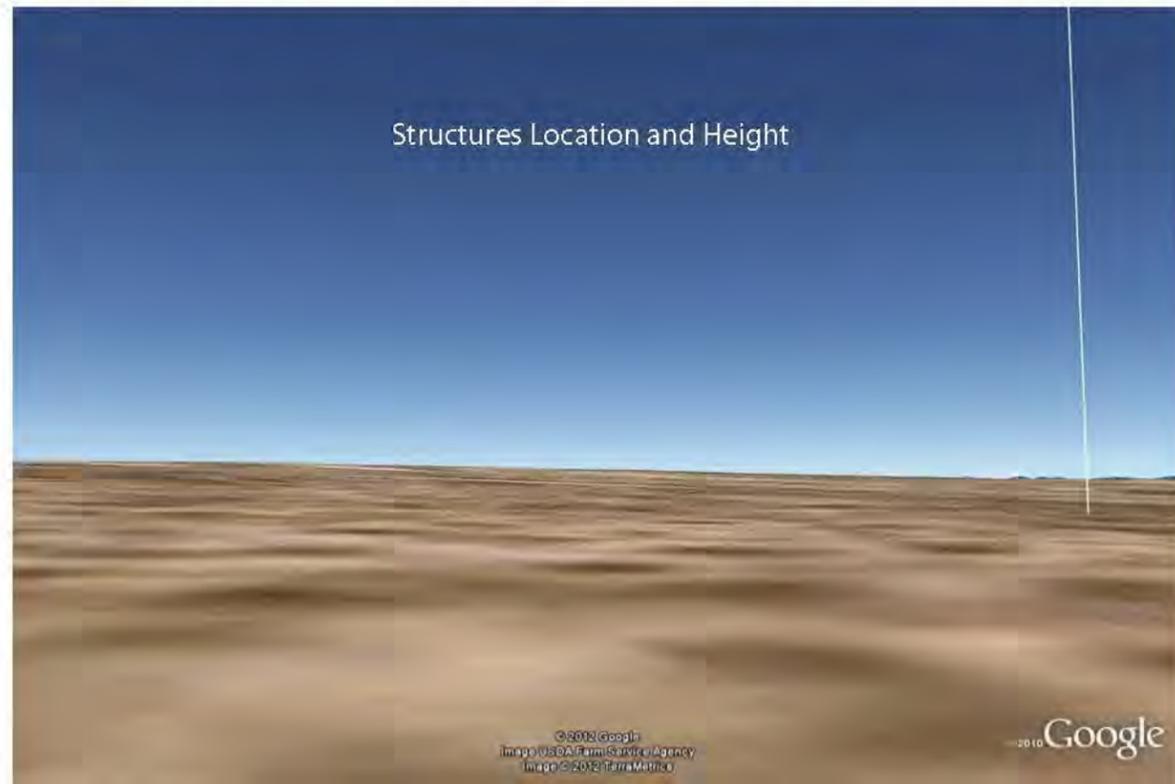
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP R-13
Simulated Condition
(Segment 1190)





KOP Photograph



Structures Location and Height

Form 8-400-4 (September 1985)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 10/15/2011

District Rawlins FO

Resource Area _____

Activity (program) _____

SECTION A. PROJECT INFORMATION

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

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

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

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

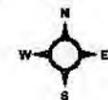
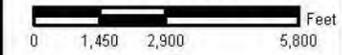
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended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



Project Location



KOP Location



TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP R-14
Overland Trail
(Segment 1115)

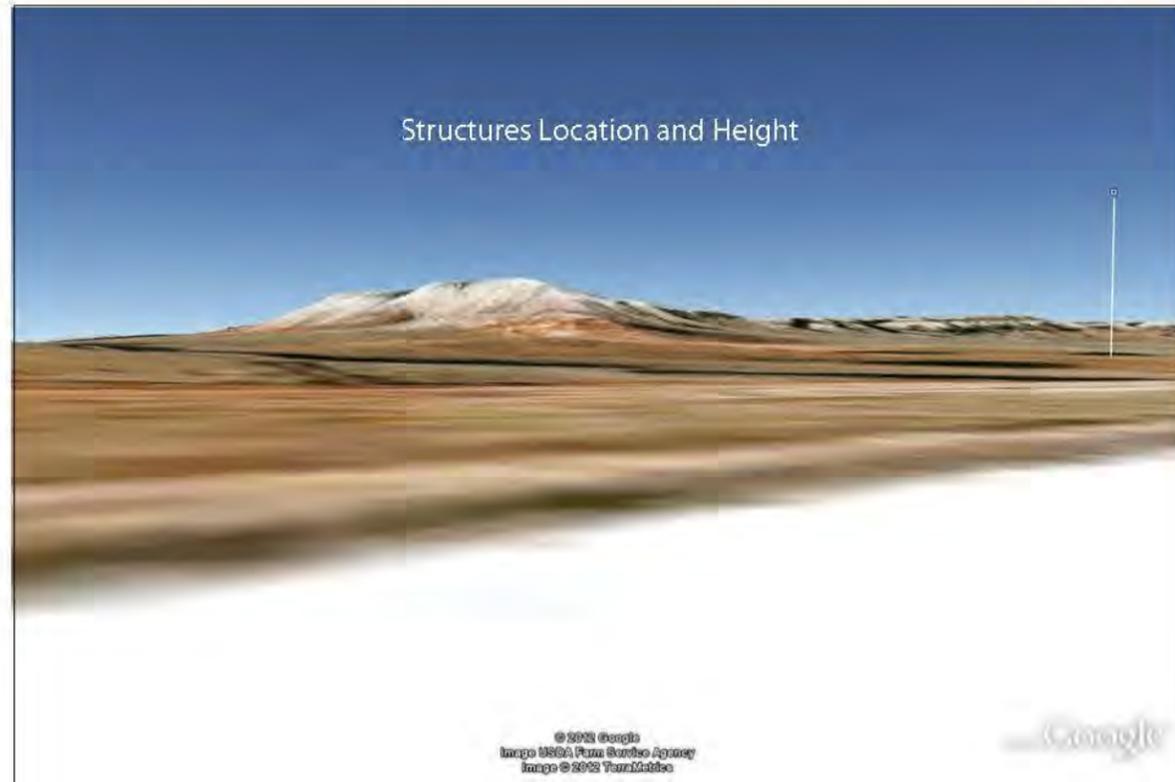


Rationale:
Where the Project would be located within 0.5 mile of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong contrast and would not comply with VRM Class III management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

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



KOP Photograph



Structures Location and Height

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Image USA&A from Google Agency
Image © 2012 TransWest



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 10/15/2011

District Rawlins FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Overland Trail</u> Trail Township <u>17N</u> Range <u>94W</u> Section <u>22</u>	5. Location Sketch Please see Figure 3.12-1
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SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

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

SECTION C. PROPOSED ACTIVITY DESCRIPTION

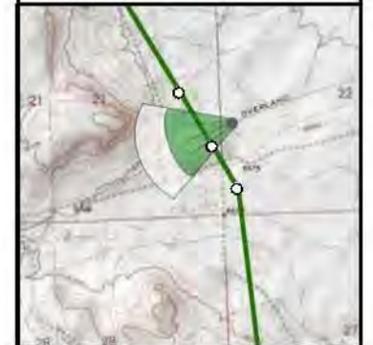
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Strongly pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE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

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

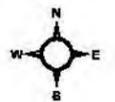
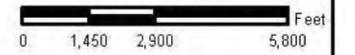
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)		
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input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



Project Location



KOP Location



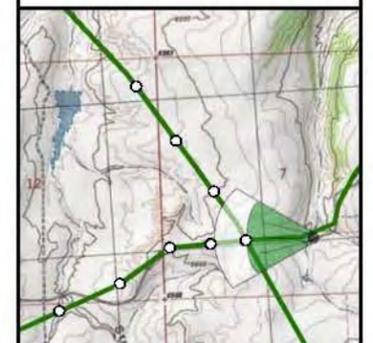
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP R-15
Overland Trail
(Segment 1120)

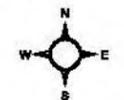




Project Location



KOP Location



**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP R-16
Simulated Condition
(Segment 1115)





KOP Photograph



Structures Location and Height

Form 8-400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORK SHEET

Date 05/29/2012

District Rock Springs FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location Wyoming SH-789 (SB) Township _____ Range _____ Section _____	5. Location Sketch Please see Figure 3.12-1
2. Key Observation Point R-17		
3. VRM Class IV (VRI Class IV)		

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

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

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)		
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None			
Form													X	Evaluator's Names M. Paulson	Date 05/29/2012
Line													X		
Color													X		
Texture													X		

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

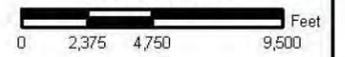
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



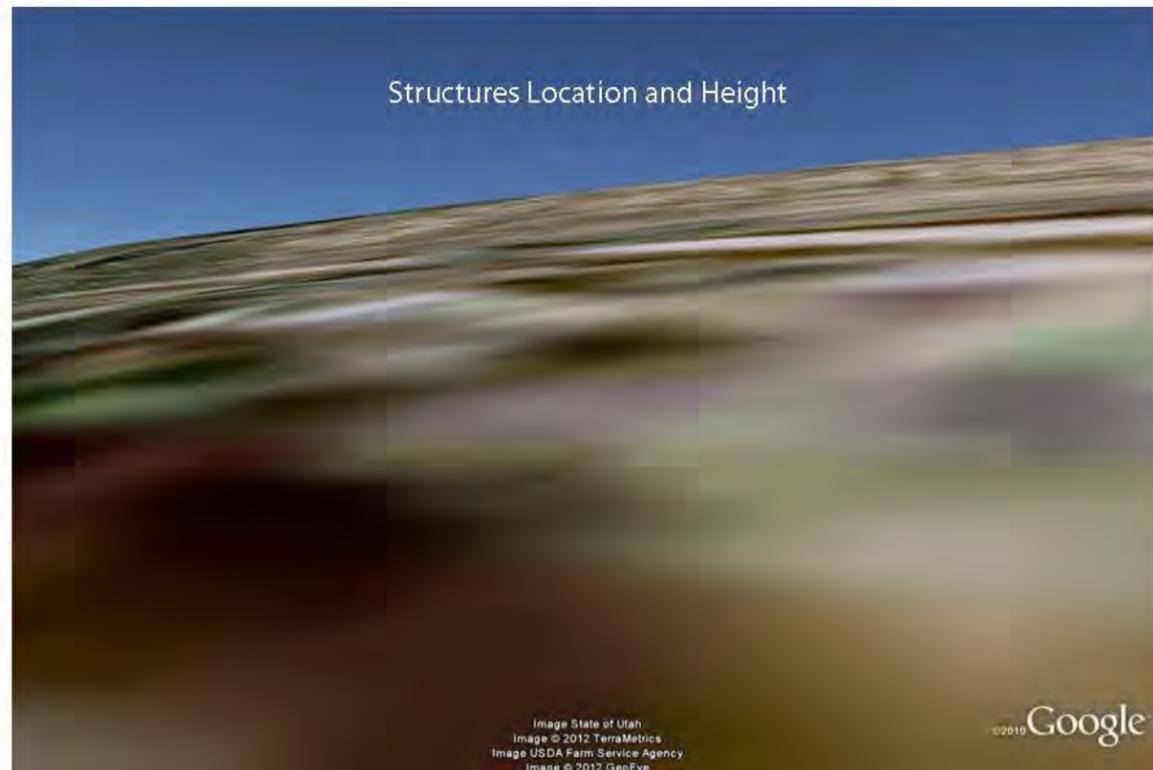
TRANSWEST EXPRESS TRANSMISSION PROJECT

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





KOP Photograph



Structures Location and Height

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

©2010 Google

Form 8400-4 (September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/24/2011

District Manti-LaSal NF

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location Skyline Rd. (NB)	5. Location Sketch Please see Figure 3.12-2
2. Key Observation Point Rich-2	Township 15S	
3. VRM Class USFS VQO Partial Retention	Range 5E Section 24	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular mountain ridges. Inclined planar side slopes.	Pyramidal clumps and surfaces of tundra spruce and fir.	Planar wood poles and conductors and curved roadways.
LINE	Horizontal mountain skyline, angular side slopes and inclined snowfield.	Toothed skyline edges of forest.	Vertical and horizontal structures and roadways.
COLOR	Light to medium light to medium brown rock and soil.	Light to medium to dark olive green trees. Light and medium green tundra grasses and forbs.	Medium to dark brown structures and roadways. Dark grey conductors.
TEXTURE	Smooth landforms.	Smooth to coarse.	Smooth.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

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

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

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



Project Location



KOP Location



TRANSWEST EXPRESS TRANSMISSION PROJECT

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





KOP Photograph



Structures Location and Height

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

©2010 Google

Form 3-400-4 (September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/27/2011

District Richfield FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

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

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

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

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

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

Rationale:

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

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



Project Location



KOP Location



TRANSWEST EXPRESS TRANSMISSION PROJECT

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





KOP Photograph



Structures Location and Height

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

©2010 Google

Form 8400-4 (September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/27/2011

District Richfield FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location US 89 (NB) Township 14S Range 4E Section 34	5. Location Sketch Please see Figure 3.12-2												
SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION														
1. LAND/WATER	2. VEGETATION	3. STRUCTURES												
FORM Rounded mountains and prominent planar valley floor.	Clump of homestead trees, shrubs and grasses.	Planar roadway and planar 345-kV wood tower and conductors. Cuboid residential structures.												
LINE Horizontal valley floor and curvilinear and angular mountains.	Amorphous tree and shrub pattern edges. Rectilinear cropland.	Curvilinear paved roadway and vertical and horizontal tower and conductors.												
COLOR Light to medium reddish tan and brown soil.	Light to medium to dark green trees cropland, shrubs and grasses.	Light to medium grey road and medium to dark brown towers.												
TEXTURE Smooth to medium landforms.	Smooth, moderate and coarse.	Smooth to medium.												
SECTION C. PROPOSED ACTIVITY DESCRIPTION														
1. LAND/WATER	2. VEGETATION	3. STRUCTURES												
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.												
LINE		Vertical steel lattice structures, angular guys, and curvilinear conductors.												
COLOR		Light silver to dark grey steel lattice structures, guys, and conductors.												
TEXTURE		Coarse steel lattice structures, and smooth guys and conductors.												
SECTION D. CONTRAST RATING <input type="checkbox"/> SHORT TERM <input checked="" type="checkbox"/> LONG TERM														
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form											X		Evaluator's Names M. Paulson	Date 07/22/2011
Line											X			
Color											X			
Texture														

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

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



Project Location



KOP Location

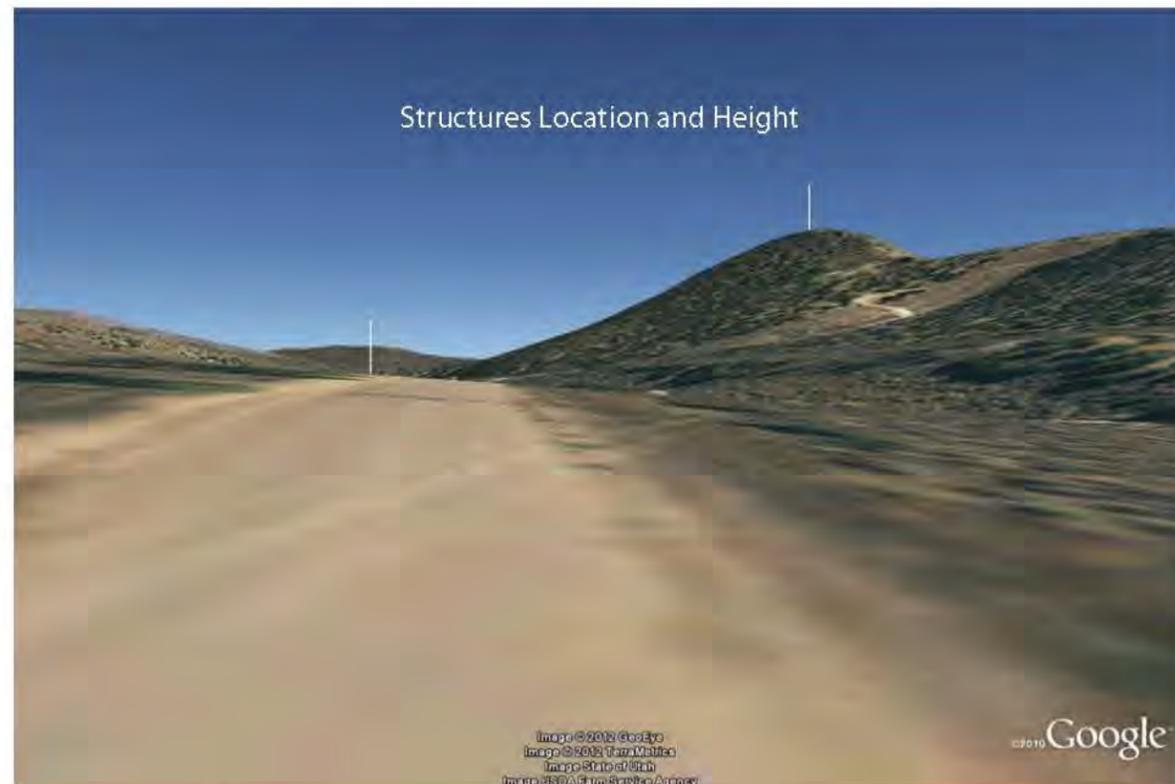
0 1,450 2,900 5,800 Feet



**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

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





Form 8400-4 (September 1985)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Visual Contrast Rating Worksheet

Date: 07/27/2011

District: Richfield FO

Resource Area:

Activity (program):

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location Big Hollow Road-Fountain Green	5. Location Sketch Please see Figure 3.12-2
2. Key Observation Point Rich-7	Township 13S	
3. VRM Class IV	Range 3E	
	Section 32	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Rounded and angular mountains and prominent planar valley floor.	Blanket and clumps of pinyon-juniper trees, sagebrush and grasses in ROW clearing.	Planar roadway and planar 345-kV steel lattice wood towers and conductors. Cylindrical wood poles.
LINE	Horizontal valley floor and curvilinear and angular mountains.	Amorphous tree and shrub pattern edges. Linear ROW edge.	Curvilinear paved roadway and vertical and horizontal towers, conductors and poles.
COLOR	Light to medium reddish tan and brown soil.	Light to medium to dark green trees, silvery green shrubs and grasses.	Light to medium grey road and medium to dark brown towers and poles. Light tan to grey conductors.
TEXTURE	Smooth to medium landforms.	Smooth, moderate and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

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



Project Location



KOP Location

0 1,450 2,900 5,800 Feet

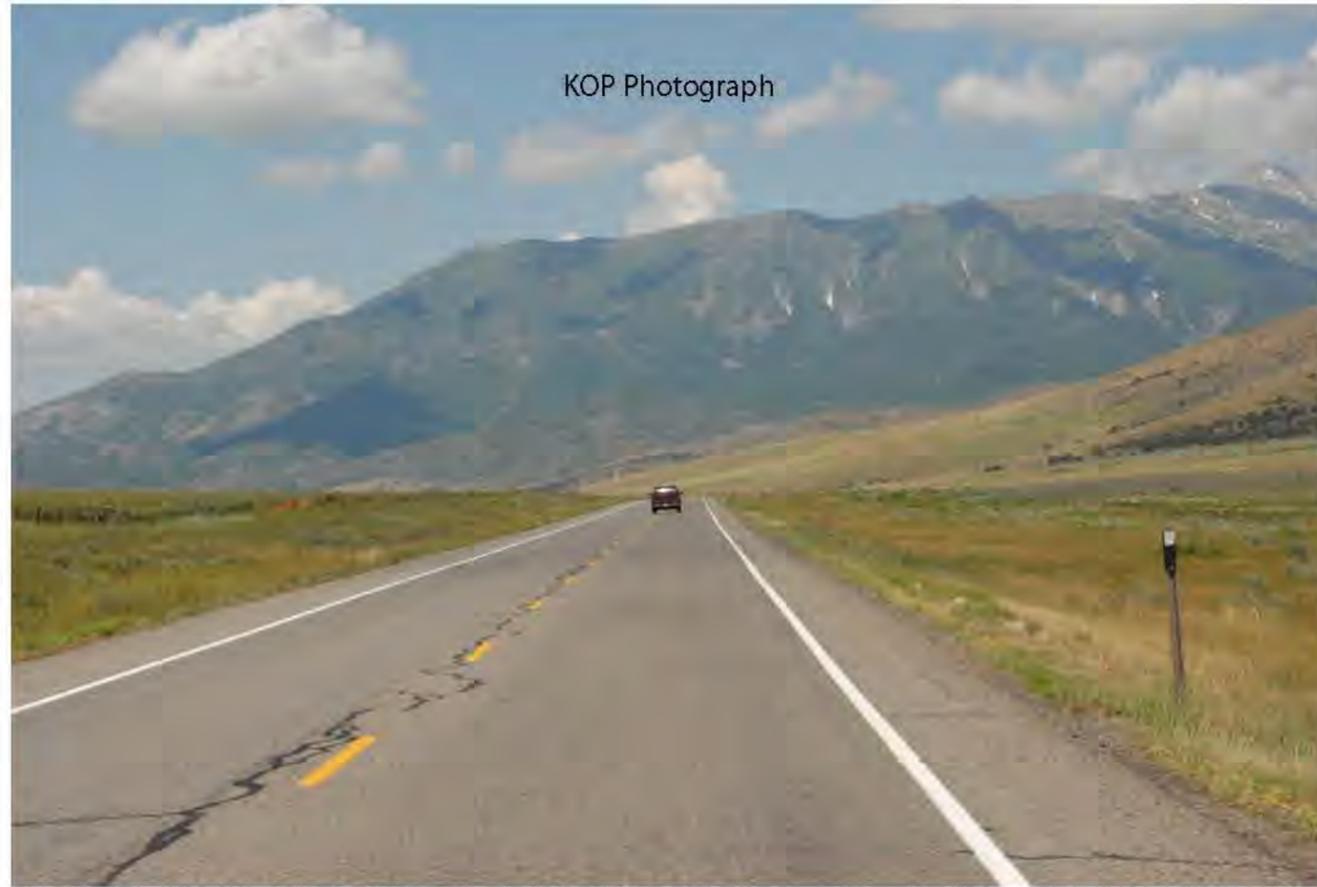
TRANSWEST EXPRESS TRANSMISSION PROJECT

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

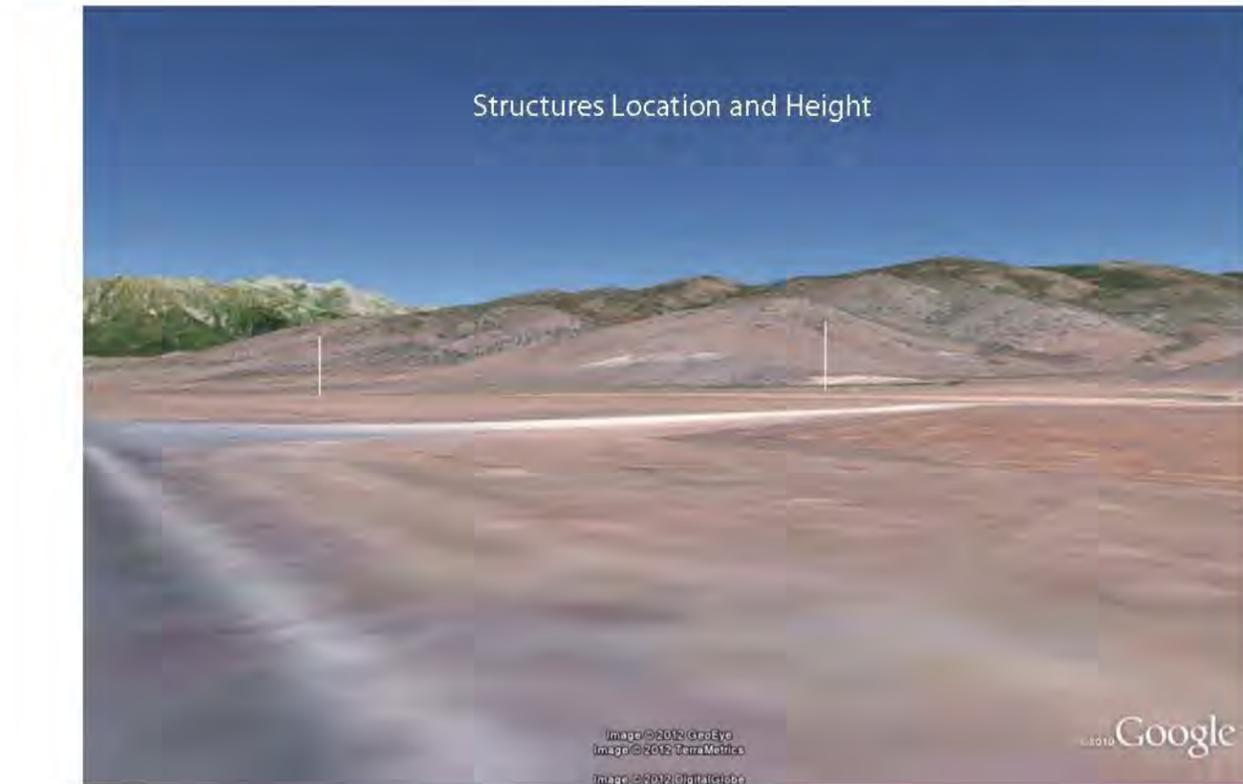


Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

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



KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Visual Contrast Rating Worksheet

Date 07/27/2011

District Richfield FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location Utah SH 132 (WB) Township 13S Range 2E Section 23	5. Location Sketch Please see Figure 3.12-2
--------------------------------------	--	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Prominent rounded and angular mountains and inclined planar valley floor.	Blanket and clumps of piñon-juniper trees, sagebrush and grasses.	Planar roadway and planar 345-kV wood towers. Steel lattice towers in background.
LINE	Horizontal valley floor and curvilinear and angular mountains.	Amorphous tree and shrub pattern edges.	Curvilinear paved roadway and vertical and horizontal towers, and poles.
COLOR	Light to medium reddish tan and brown soil.	Light to medium to dark green trees, silvery green shrubs and grasses.	Light to medium grey road and medium to dark brown towers and poles.
TEXTURE	Smooth to medium landforms.	Smooth, moderate and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

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

Rationale:

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

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



Project Location



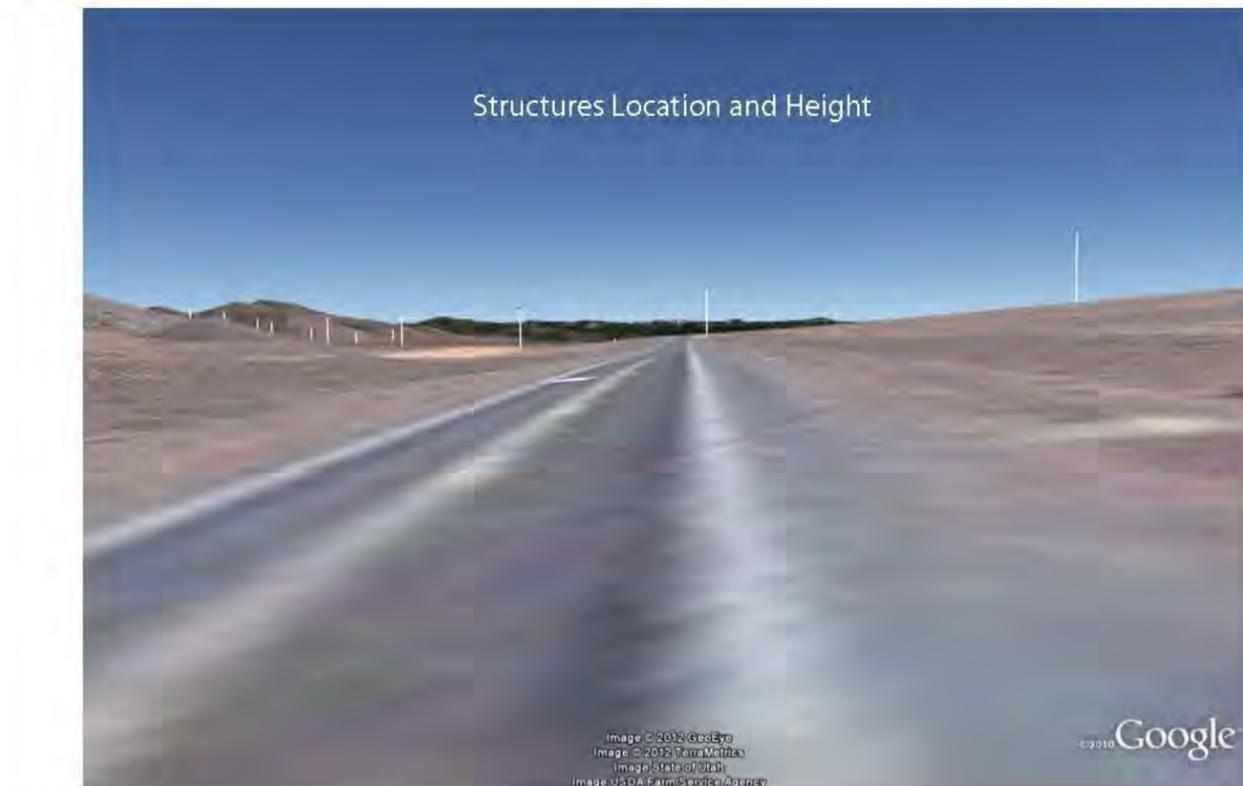
KOP Location



TRANSWEST EXPRESS TRANSMISSION PROJECT

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





Form 2400-4 (September 1985)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/27/2011

District Richfield FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express

2. Key Observation Point Rich-9

3. VRM Class IV

4. Location Utah SH-132 (EB) Township 13S Range 2E Section 15

5. Location Sketch Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

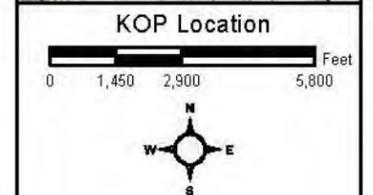
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Rounded and angular mountains and inclined planar valley floor.	Clumps of pinyon-juniper trees, sagebrush and grasses.	Planar roadway and prominent planar 345-kV wood towers and conductors. H-frame 161-kV (approximate) in foreground.
LINE	Horizontal valley floor and curvilinear and angular mountains.	Amorphous tree and shrub pattern edges.	Curvilinear paved roadway and vertical and horizontal towers, conductors and poles.
COLOR	Light to medium reddish tan and brown soil.	Light to medium to dark green trees, silvery green shrubs and grasses.	Light to medium grey road and medium to dark brown poles. Light tan to grey conductors.
TEXTURE	Smooth to medium landforms.	Smooth, moderate and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

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



TRANSWEST EXPRESS TRANSMISSION PROJECT

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

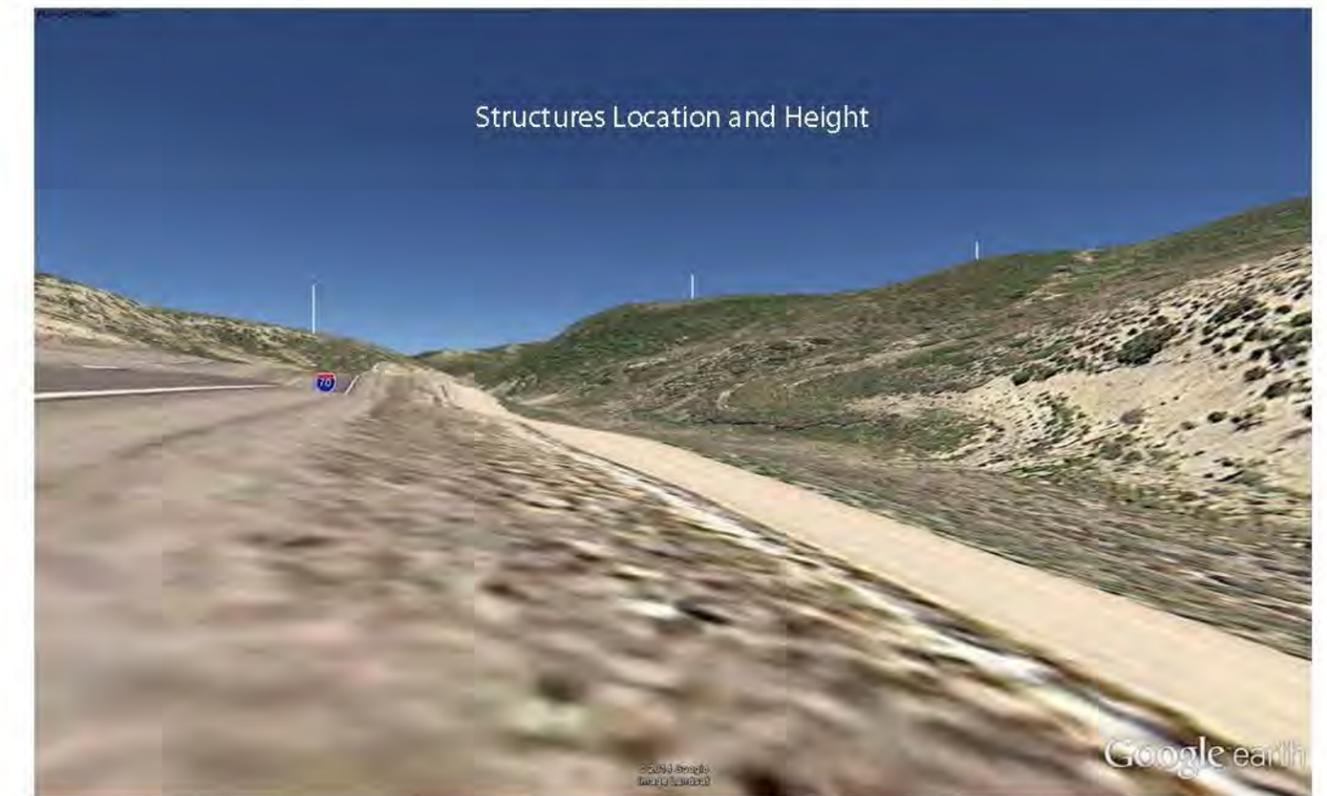


Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

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



KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 04/28/2014

District Richfield FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location I-70 (EB) Township 23S Range 3E Section 11	5. Location Sketch Please see Figure 3.12-2
--------------------------------------	---	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Prominent rounded and angular mountains in foreground, midground, and background.	Blanket of piñon-juniper, shrubs and grasses.	Planar roadway and planar twin steel lattice towers.
LINE	Curvilinear and angular mt. ridges and curvilinear valley.	Irregular tree and shrub pattern edges.	Horizontal roadway and vertical and horizontal towers.
COLOR	Light to medium reddish brown rock formations.	Light to medium to dark green trees, shrubs and grasses.	Light to medium grey road lanes and dark grey towers.
TEXTURE	Smooth to medium landforms.	Smooth, moderate and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

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



Project Location



KOP Location



TRANSWEST EXPRESS TRANSMISSION PROJECT

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



Rationale:
Where the Project would be located within 0.5 miles of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong or moderate contrast and would not be consistent with High SIO or Retention VQO management objectives. Mitigation measures (VR-1, VR-3, VR-4, VR-5, VR-6, VR-7, VR-9, VR-10, and VR-12) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 miles away from viewer locations

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



Project Location



KOP Location



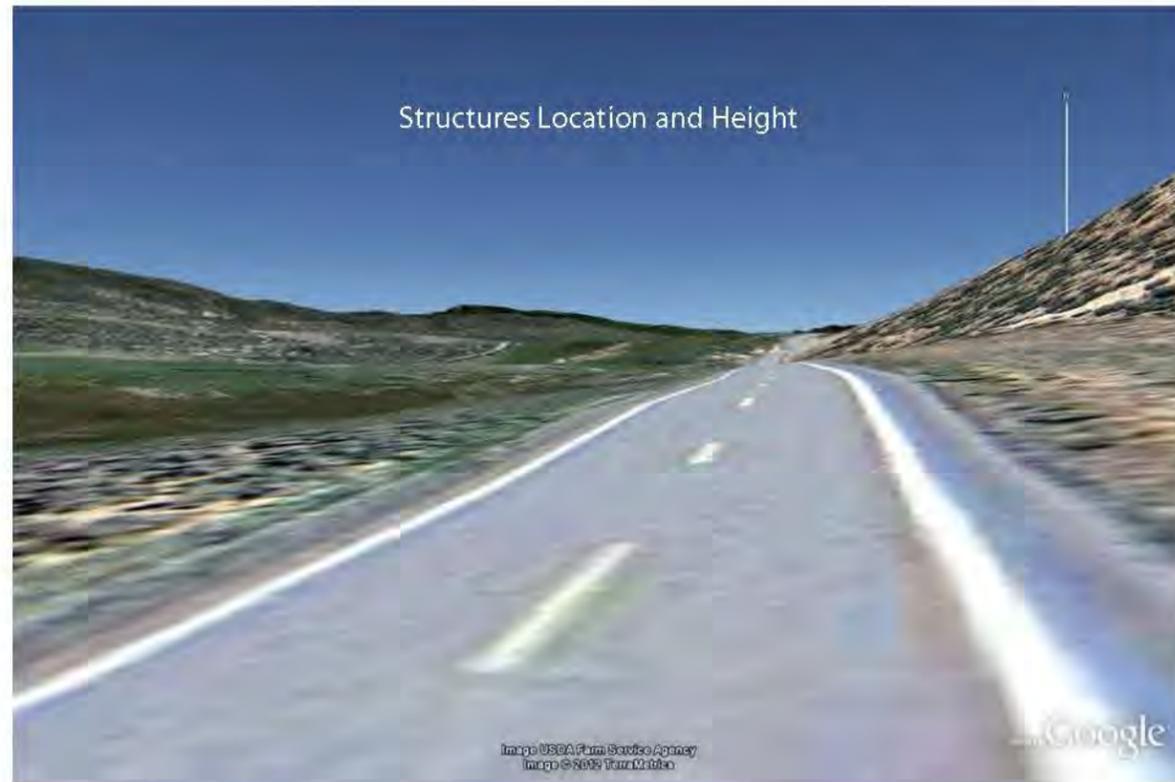
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP Rich-13
Simulated Condition
(Segment 1330.1)





KOP Photograph



Structures Location and Height

Form 8-400-4 (September 1985)

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

VISUAL CONTRAST RATING WORKSHEET

Date 07/27/2011

District Richfield FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Gooseberry-Fremont Scenic Backway</u> <u>Township 22S</u> <u>Range 1E</u> <u>Section 24</u>	5. Location Sketch Please see Figure 3.12-2
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SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

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

SECTION C. PROPOSED ACTIVITY DESCRIPTION

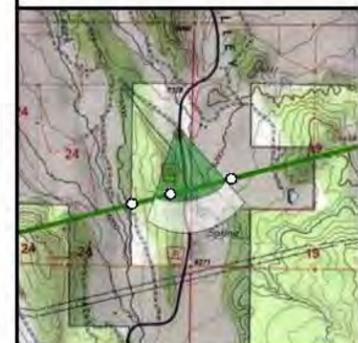
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse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

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

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



Project Location



KOP Location



TRANSWEST EXPRESS TRANSMISSION PROJECT

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



Rationale:
Where the Project would be located within 0.5 miles of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong or moderate contrast and would not be consistent with High SIO or Retention VQO management objectives. Mitigation measures (VR-1, VR-3, VR-4, VR-5, VR-6, VR-7, VR-9, VR-10, and VR-12) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 miles away from viewer locations

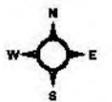
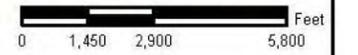
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



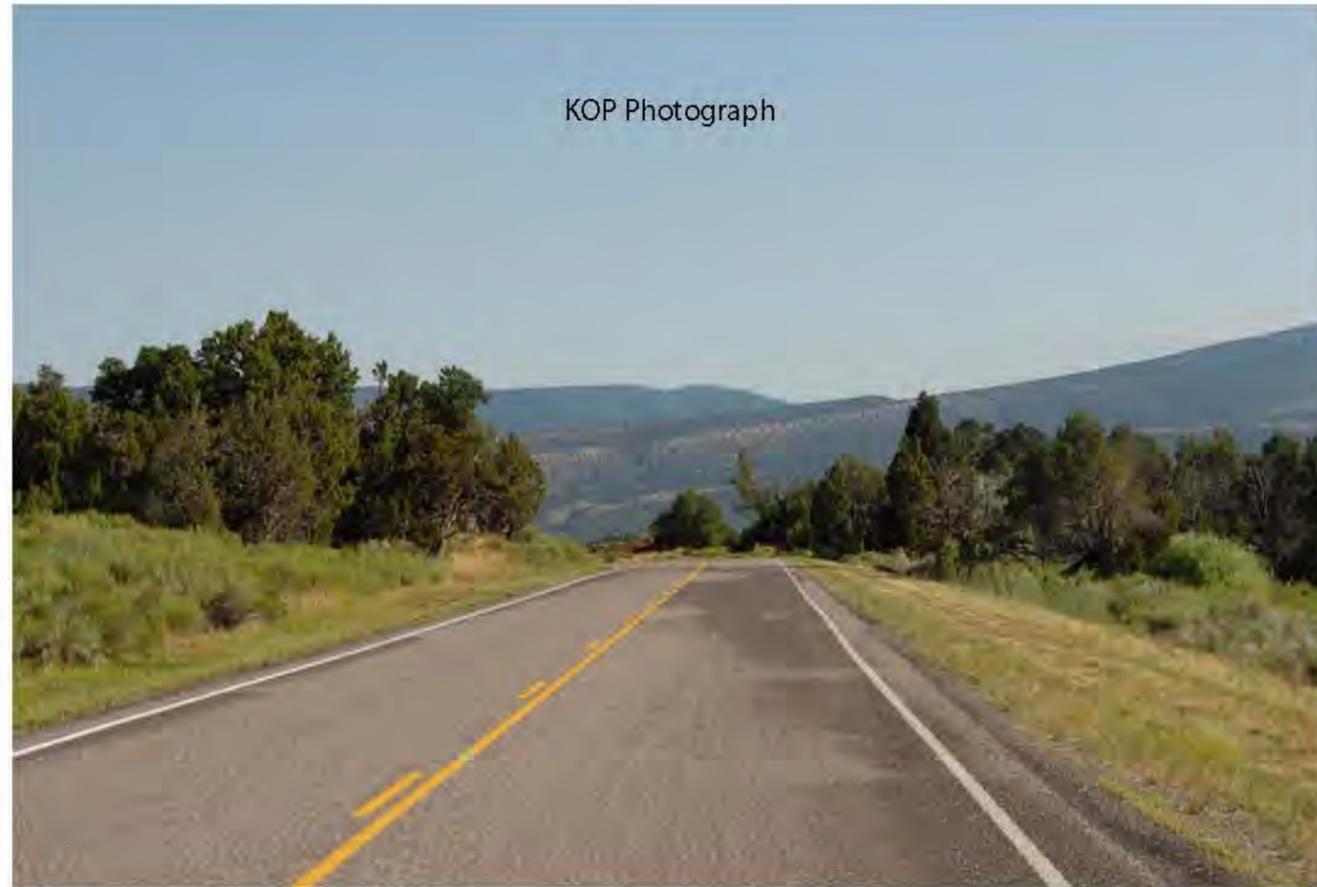
KOP Location



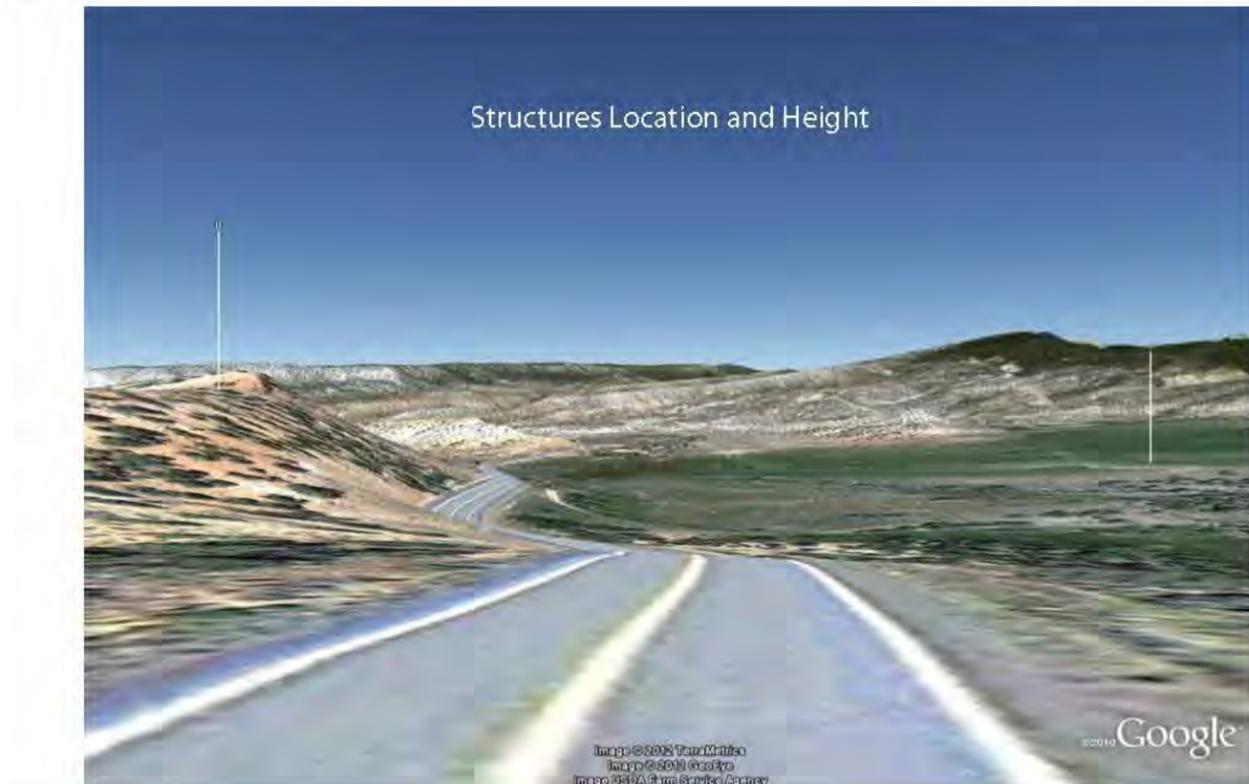
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP Rich-14
Simulated Condition
(Segment 1330.1)





KOP Photograph



Structures Location and Height

Form 3-400-4 (September 1985)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/27/2011

District Richfield FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express

2. Key Observation Point: Rich-15

3. VRM Class: USFS SIO High

4. Location: Gooseberry, Fremont Scenic Backway, Township 22S, Range 1E, Section 25

5. Location Sketch: Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

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

SECTION C. PROPOSED ACTIVITY DESCRIPTION

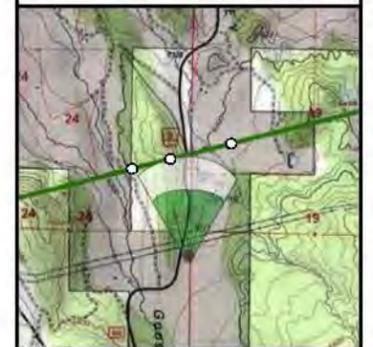
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse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

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

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



Project Location



KOP Location



TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP Rich-15
Gooseberry-Fremont Scenic Backway (Segment 1330.1)



Rationale:

Where the Project would be located within 0.5 miles of the viewer and does not parallel an existing transmission line and/or where access roads and vegetation clearing would occur in moderate to steep terrain, it would have a strong or moderate contrast and would not be consistent with High SIO or Retention VQO management objectives. Mitigation measures (VR-1, VR-3, VR-4, VR-5, VR-6, VR-7, VR-9, VR-10, and VR-12) would reduce strong contrasts to moderate resulting in moderate to low residual impacts where the Project is located more than 0.5 miles away from viewer locations.

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



KOP Photograph



Structures Location and Height

Form 8-400-4 (September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/27/2011

District Richfield FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location I-70 (NB) Township 22S Range 1W Section 16	5. Location Sketch Please see Figure 3-12-2
--------------------------------------	---	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

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

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

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

Rationale:

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

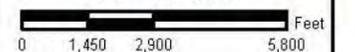
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



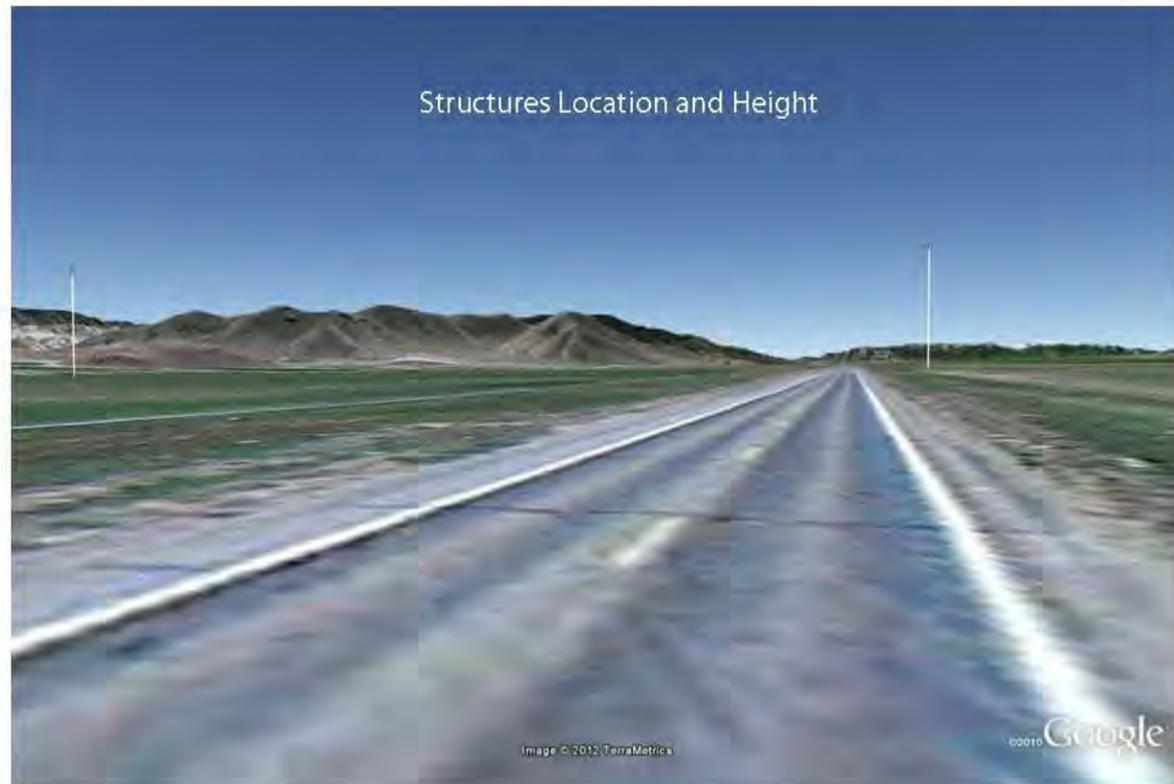
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP Rich-17
Interstate 70
(northbound)
(Segment 1330.1)





KOP Photograph



Structures Location and Height

Form 8-400-4 (September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/27/2011

District Richfield FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location US-89 (SB) Township 22S Range 1W Section 8	5. Location Sketch Please see Figure 3.12-2
--------------------------------------	---	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Rounded mountains and prominent planar valley floor.	Clumps of homestead trees, shrubs and grasses.	Planar roadway and planar steel lattice and wood poles.
LINE	Horizontal valley floor and curvilinear and angular mountains.	Amorphous tree and shrub pattern edges.	Curvilinear paved roadway and vertical and horizontal towers and poles.
COLOR	Light to medium reddish brown soil.	Light to medium to dark green trees, shrubs and grasses.	Light to medium grey road and towers and dark brown poles.
TEXTURE	Smooth to medium landforms.	Smooth, moderate and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

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

Rationale:

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

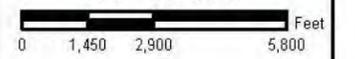
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



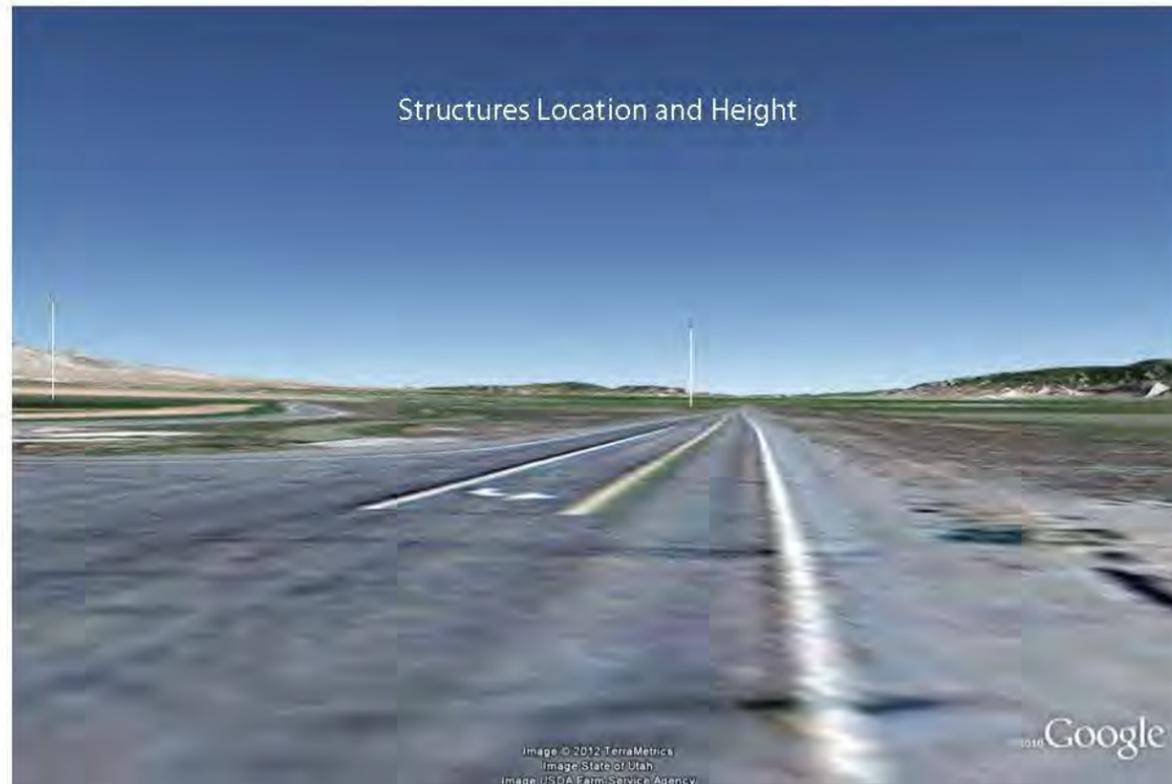
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP Rich-18
U.S. 89
(southbound)
(Segment 1330.1)





KOP Photograph



Structures Location and Height

Form 8-00-4 (September 1985)

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

VISUAL CONTRAST RATING WORKSHEET

Date 07/27/2011

District Richfield FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>US-89 (NB)</u> Township <u>22S</u> Range <u>1W</u> Section <u>8</u>	5. Location Sketch Please see Figure 3.12-2
--------------------------------------	---	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Rounded mountains and prominent planar valley floor.	Clumps of homestead trees, shrubs and grasses.	Planar roadway and cylindrical wood poles.
LINE	Horizontal valley floor and curvilinear and angular mountains.	Amorphous tree and shrub pattern edges.	Curvilinear paved roadway and vertical poles.
COLOR	Light to medium reddish brown soil.	Light to medium to dark green trees, shrubs and grasses.	Light to medium grey road and dark brown poles.
TEXTURE	Smooth to medium landforms.	Smooth, moderate and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

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

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

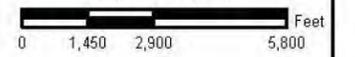
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP Rich-19
U.S. 89
(northbound)
(Segment 1330.1)





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/27/2011

District Richfield FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express

2. Key Observation Point: Rich-20

3. VRM Class: IV

4. Location: Aurora Residential Road

5. Location Sketch: Please see Figure 3.12-2

Township 22S

Range 1W

Section 6

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

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

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

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

Rationale:

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

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



Project Location



KOP Location



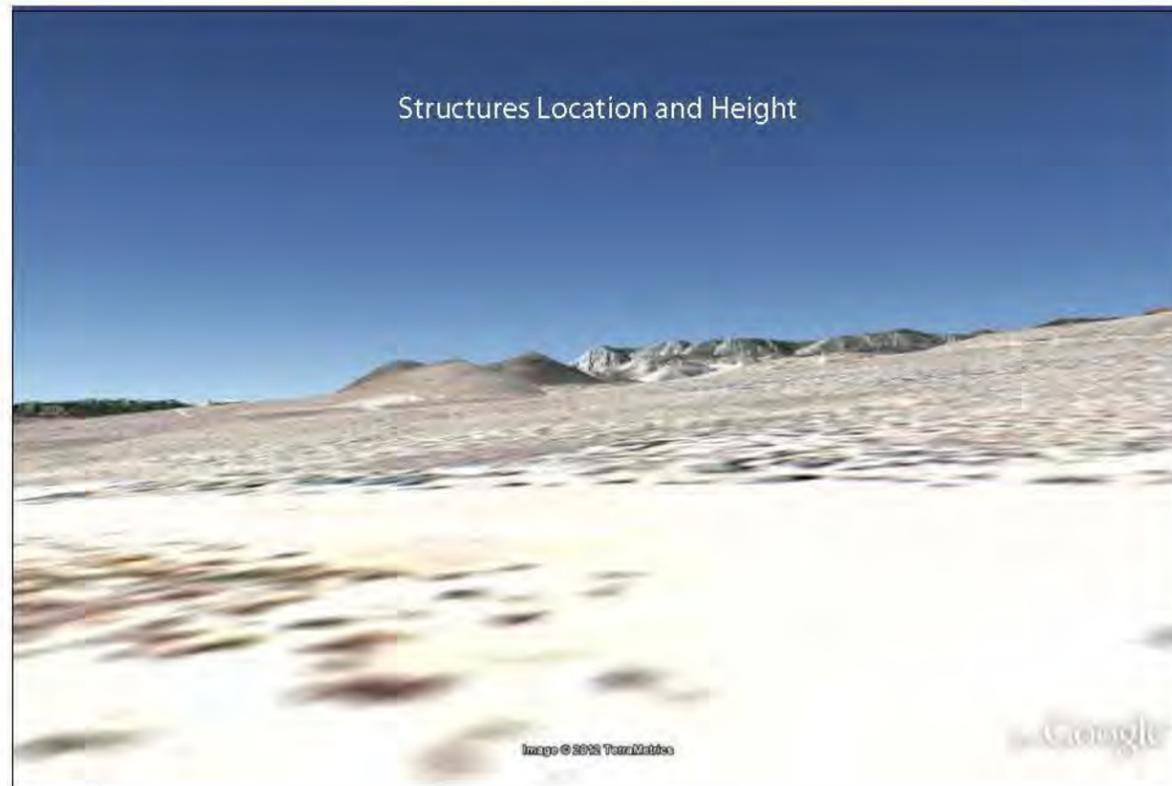
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP Rich-20
Aurora Residential Road
(Segment 1330.1)





KOP Photograph



Structures Location and Height

Form 8-400-4 (September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/27/2011

District Richfield FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

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

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

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

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

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

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

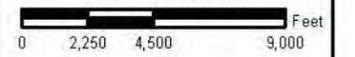
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



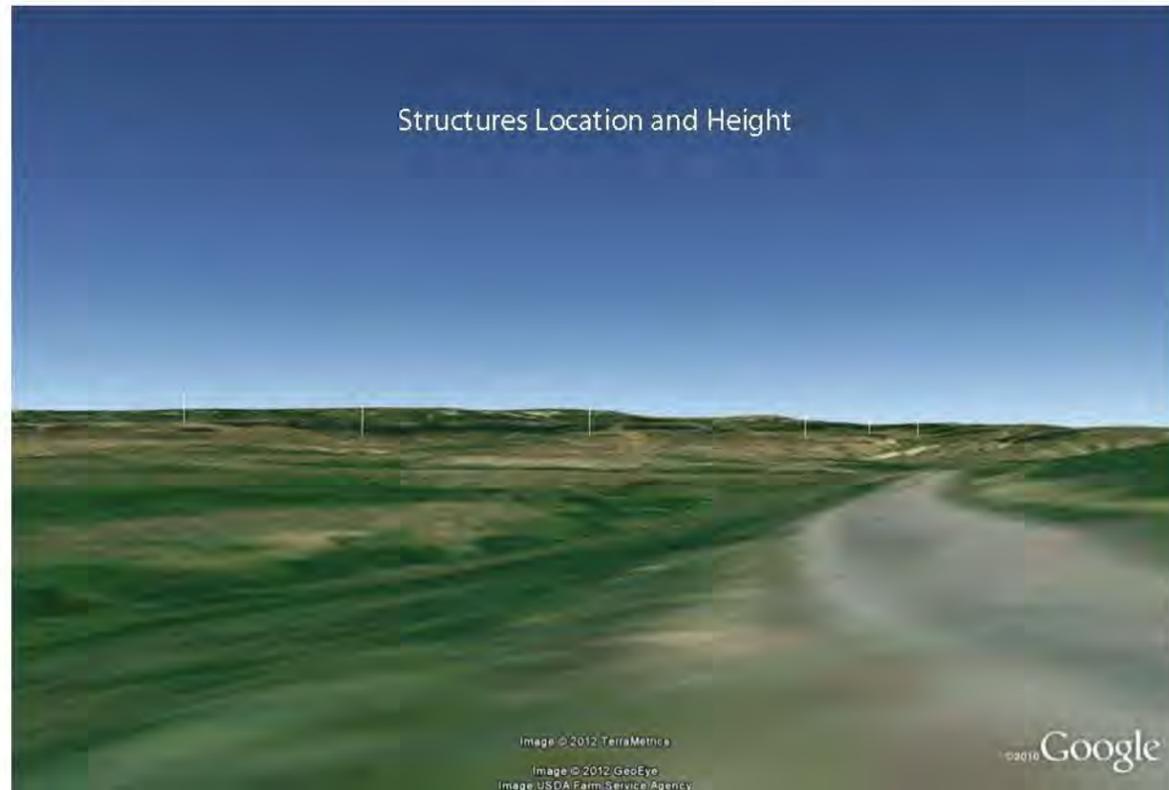
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP Rich-21
Aurora Recreation Road
(Segment 1330.1)





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

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

Date 9/27/11
District Manti-Lasal National Forest
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

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

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

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

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Geometric, rectangular	Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Bold, butt edge	Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Tans, grey-green	Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE		Fine grain	Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

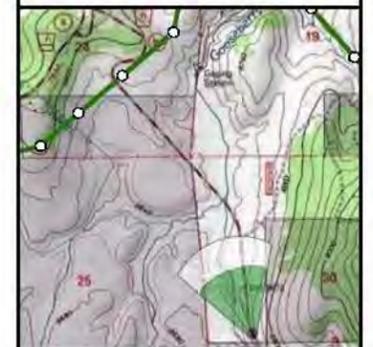
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Explain on reverse side)		
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None			
Form		x			x				x					Evaluator's Names EPG (Review and update as needed by M. Paulson)	Date 9/27/11 7/24/12
Line		x				x			x						
Color			x			x			x						
Texture		x				x			x						

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

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



Project Location



KOP Location



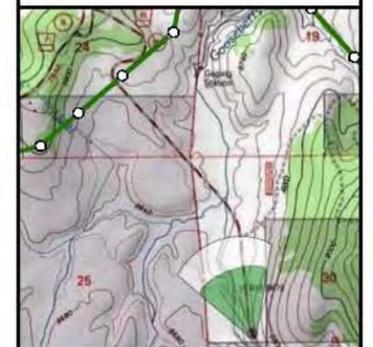
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP Rich 22
Energy Loop
Scenic Byway
(Segment 1217.15)





Project Location



KOP Location



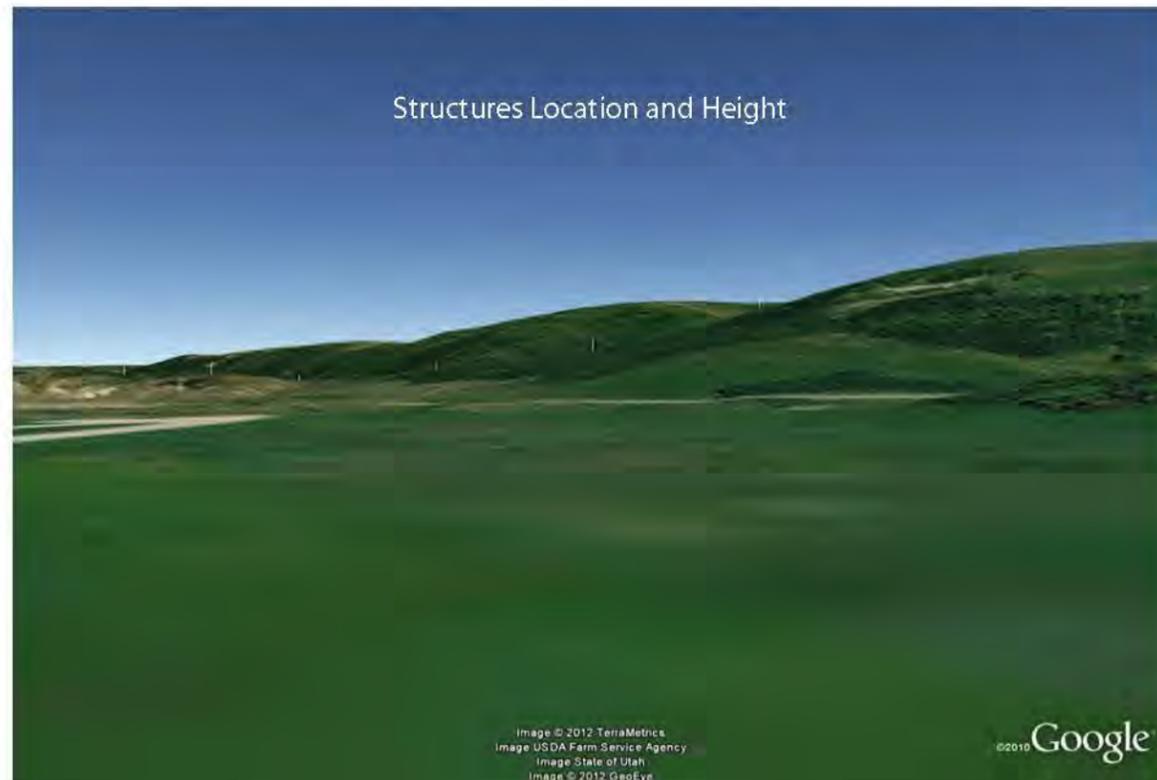
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP Rich 22
Simulated Condition
(Segment 1217.15)





KOP Photograph



Structures Location and Height

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

©2010 Google

Form 8-400-4 (September 1985)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 9/27/11

District **Manté-Lasal National Forest**

Resource Area _____

Activity (program) _____

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location Fairview Lakes Residential	5. Location Sketch Please see Figure 3.12-2
2. Key Observation Point Rich-23	Township 13S	
3. VRM Class USFS VQO Partial Retention	Range 15E	
	Section 36	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Wide trough-shaped, rolling, rounded	Vertical, complex, pyramidal, amorphous patches	Low, geometric
LINE	Curving, continuous, diagonal	Flowing, complex, irregular, butt edges	Angular, vertical
COLOR	Tans	Vivid, greens, tans, seasonal variation	Browns and greens
TEXTURE	Fine to medium grain	Medium to coarse grain	Medium grain, sparse density

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Geometric, rectangular	Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Angular, butt edge	Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Tans, grey-green	Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE		Fine to medium grain	Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)		
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Explain on reverse side)	
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None			
Form		x				x				x				Evaluator's Names EPG (Review and update as needed by M. Paulson)	Date 9/27/11 7/24/12
Line		x				x				x					
Color			x				x				x				
Texture			x				x				x				

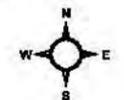


Project Location



KOP Location

0 1,900 3,800 7,600 Feet



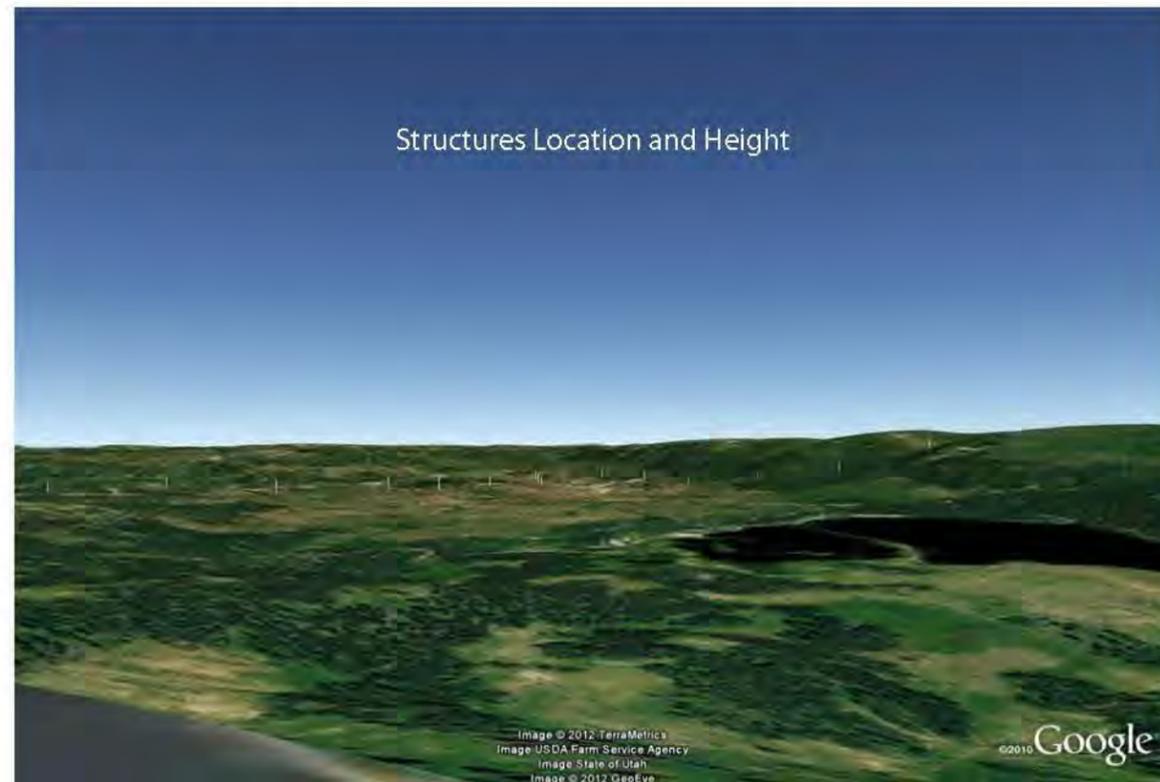
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP Rich 23 Fairview Lakes Residential (Segment 1217.15)



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

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



Form 8-400-4 (September 1985)

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

Date 9/27/11
District Manti-Lasal National Forest
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: Rich-24
3. VRM Class: USFS VQO Partial Retention
4. Location: Fairview Lakes, The Energy Loop Scenic Byway, Township 14S, Range 5E, Section 2
5. Location Sketch: Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Wide trough-shaped, rolling, rounded	Amorphous patches, distinct, vertical, complex, pyramidal	Low, geometric
LINE	Continuous, curving, horizontal, diagonal	Flowing, complex, irregular, butt edges	Angular, vertical
COLOR	Tans, greys, blue	Vivid, greens, tans, seasonal variety	Greens, browns, whites
TEXTURE	Fine to medium grain	Medium to coarse grain	Medium grain, sparse density

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Geometric, rectangular	Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Angular, butt edge	Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Tans, grey-green	Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE		Fine to medium grain	Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)						
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None			
Form		X				X						X		Evaluator's Names: EPG Date: 9/27/11 (Review and update as needed by M. Paulson) 7/24/12	
Line		X				X						X			
Color			X				X						X		
Texture			X				X						X		



Project Location



KOP Location



TRANSWEST EXPRESS TRANSMISSION PROJECT

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



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

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



KOP Photograph



Structures Location and Height

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

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Form 3400-4 (September 1985)

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

Date 9/27/11
District Manti-Lasal National Forest
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location Energy Loop Scenic Byway (UT Rte 31) Township 13S Range 9E Section 26	5. Location Sketch Please see Figure 3.12-2
--------------------------------------	--	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

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

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

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

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

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

Evaluator's Names: EPG Date: 9/27/11
(Review and update as needed by M. Paulson) 7/24/12

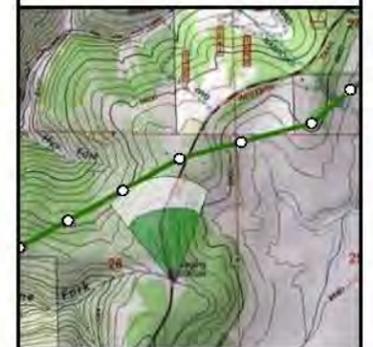
Rationale:

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

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



Project Location



KOP Location

0 1,400 2,800 5,600 Feet



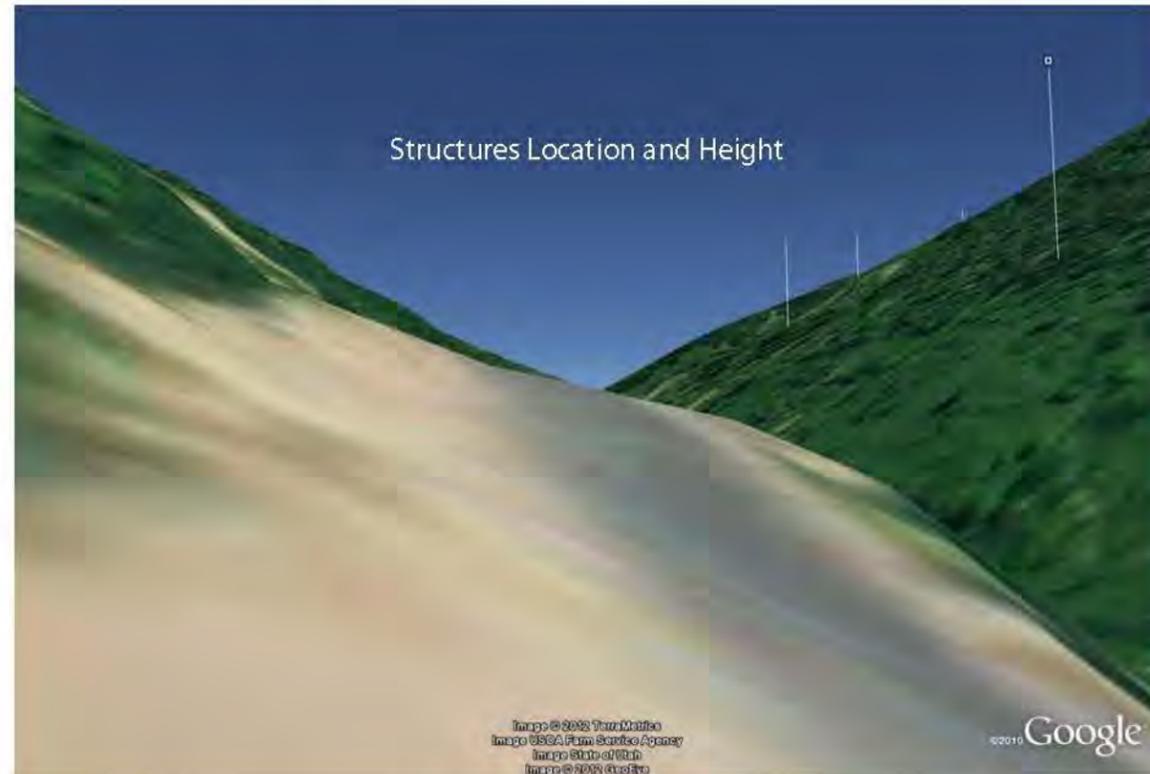
TRANSWEST EXPRESS TRANSMISSION PROJECT

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





KOP Photograph



Structures Location and Height

Image © 2012, View Master
Image USGS Photo Service Agency
Image State of Utah
Image © 2012, Google

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Form 9-400-4 (September 1985)

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

Date 9/27/11
District Manti-Lasal National Forest
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: Rich-26
3. VRM Class: USFS VQO Partial Retention
4. Location: Energy Loop Scenic Byway (Utah Rte 31), Township 13S, Range 5E, Section 27
5. Location Sketch: Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Diagonal, bold, rounded	Vertical, complex, pyramidal, amorphous	NA
LINE	Curving, continuous	Flowing, complex, irregular	NA
COLOR	Tans	Vivid, variety of greens, white, tans, seasonal variation	NA
TEXTURE	Medium to coarse grain	Dense, stippled	NA

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Geometric, rectangular	Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Angular, bold, butt edge	Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Tans, grey-green	Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE		Fine grain	Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

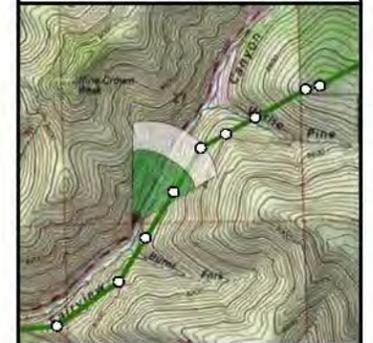
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form	x				x				x				Evaluator's Names	Date
Line	x				x				x				EPG	9/27/12
Color			x		x				x				(Review and update as needed by M. Paulson)	7/24/12
Texture		x			x				x					

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

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



Project Location



KOP Location



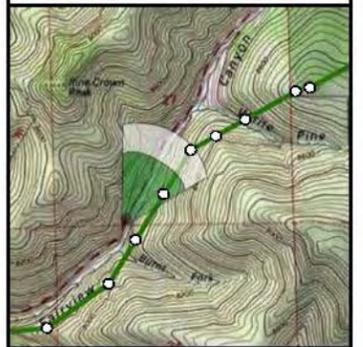
TRANSWEST EXPRESS TRANSMISSION PROJECT

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

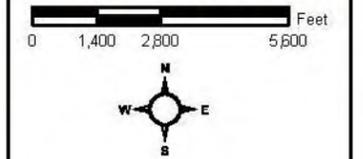




Project Location



KOP Location



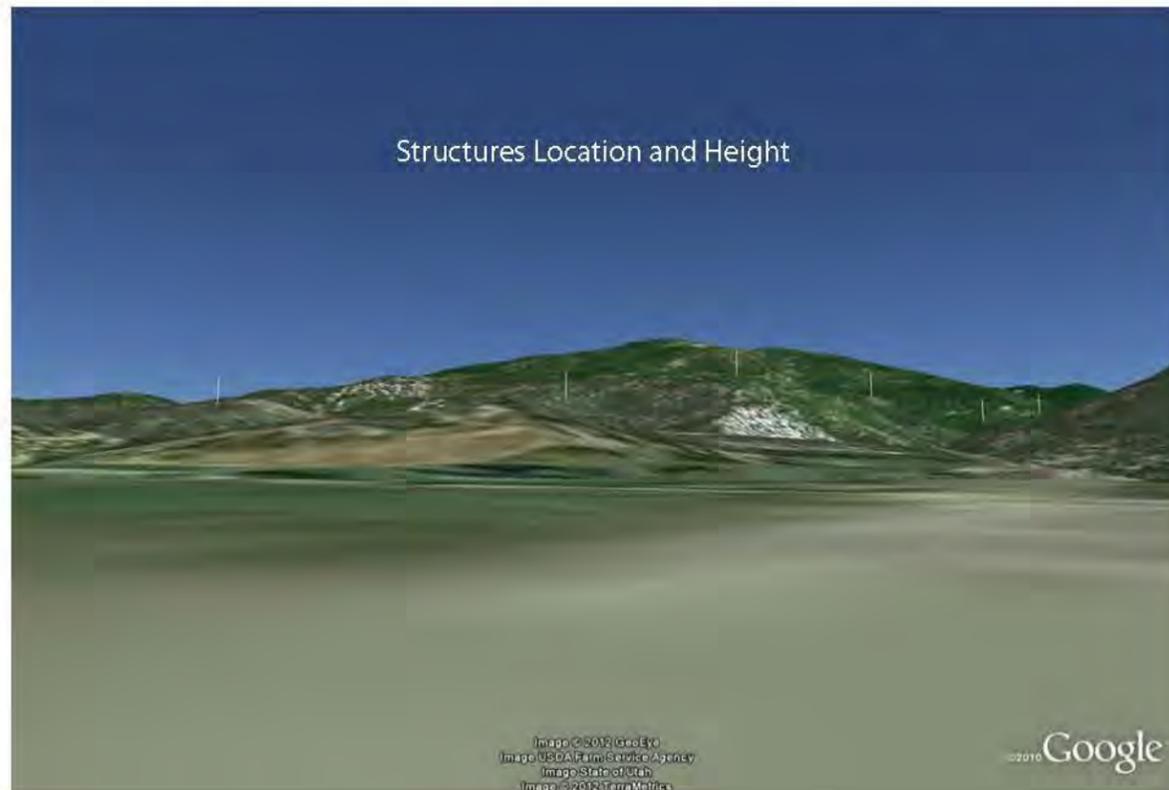
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP Rich 26
Simulated Condition
(Segment 1217.15)





KOP Photograph



Structures Location and Height

Image © 2012 GeoEye
Image © 2012 GeoEye
Image © 2012 GeoEye
Image © 2012 GeoEye

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Form 3-400-4 (September 1985)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 9/26/11

District Richfield FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
 2. Key Observation Point: Rich-27
 3. VRM Class: Private
 4. Location: Fairview Residential, Township 13S, Range 4E, Section 36
 5. Location Sketch: Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Level, undulating, rolling	Vertical, amorphous patches, stippled areas	Thin, moderately tall, geometric
LINE	Diagonal, curving	Flowing, complex, diffuse and butt edges	Vertical, horizontal
COLOR	Tans, whites	Greens, tans, seasonal variation	Browns
TEXTURE	Medium to fine grain	Medium grain	Medium grain, medium density

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Geometric, rectangular	Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Angular, butt edge	Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Tans, grey-green	Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE		Fine to medium grain	Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form		X			X				X					Evaluator's Names: EPG Date: 9/26/11 (Review and update as needed by M. Paulson) 7/24/12
Line		X			X				X					
Color			X		X				X					
Texture		X			X				X					

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



Project Location



KOP Location



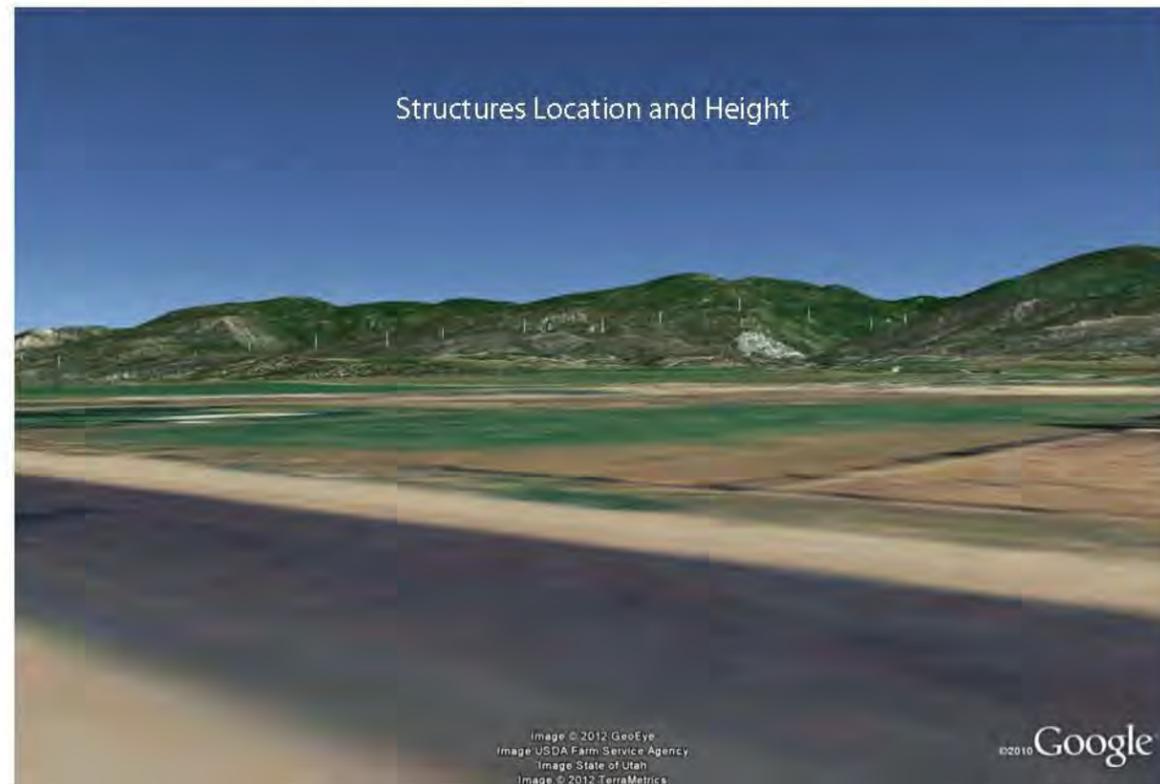
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP Rich-27
Fairview Residential
(Segment 1217.15)





KOP Photograph



Structures Location and Height

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

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Form 8-400-4 (September 1985)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 9/26/11

District Richfield FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
 2. Key Observation Point: Rich-28
 3. VRM Class: Private
 4. Location: Fairview Residential, Township 14S, Range 4E, Section 2
 5. Location Sketch: Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Level, undulating, rolling	Vertical, amorphous patches, stippled areas	Low, geometric
LINE	Diagonal, curving	Flowing, complex, diffuse and butt edges	Diagonal, horizontal
COLOR	Tans, whites	Greens, tans, seasonal variation	Browns, greys
TEXTURE	Medium to fine grain	Medium grain	Medium grain, dense

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Geometric, rectangular	Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Angular, butt edge	Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Tans, grey-green	Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE		Fine to medium grain	Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)						
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None			
Form		X			X				X					Evaluator's Names: EPG (Review and update as needed by M. Paulson)	Date: 9/26/11 7/24/12
Line		X			X				X						
Color			X		X				X						
Texture		X			X				X						

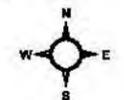
Rationale:
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP Rich-28
Fairview Residential
(Segment 1217.15)



KOP Photograph



Structures Location and Height

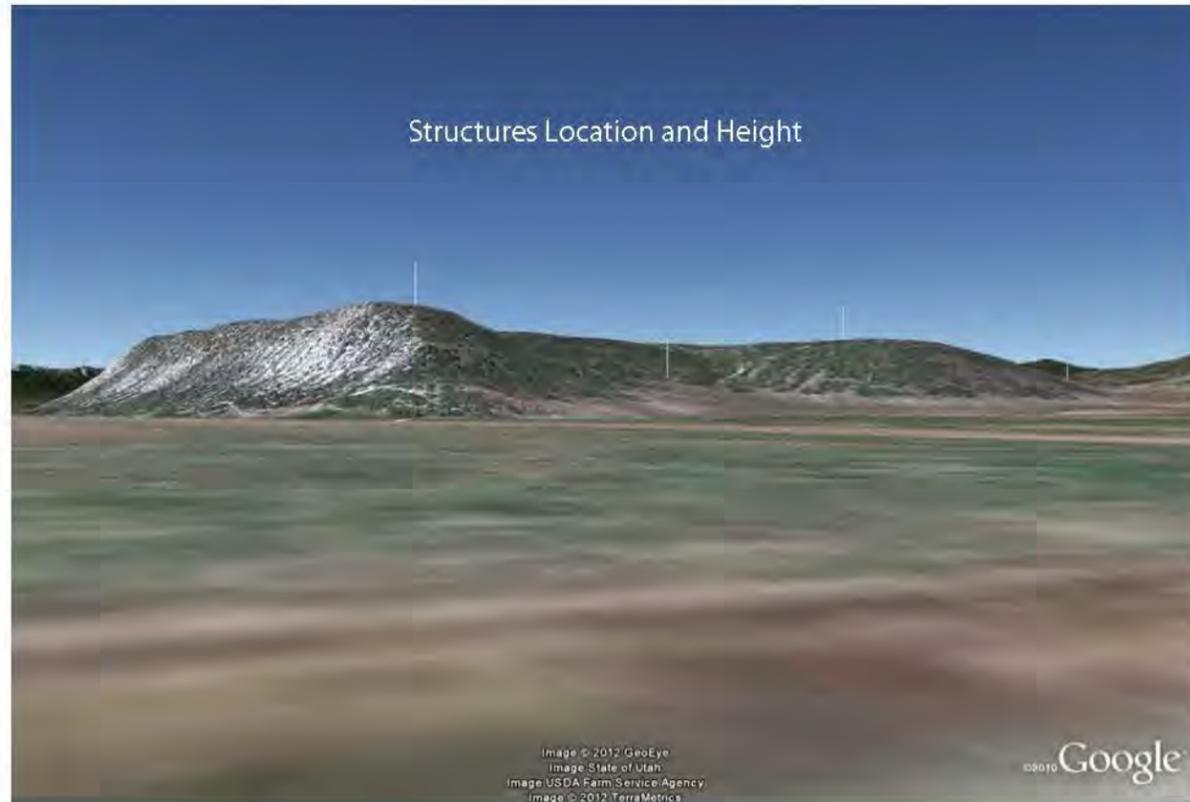


Image © 2012 GeoEye
Image State of Utah
Image USDA Farm Service Agency
Image © 2012 TerraMetrics

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Form 8400-4 (September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 9/26/11

District Richfield FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

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

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

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

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Geometric, rectangular	Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Angular, butt edge	Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Tans, grey-greens	Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE		Fine to medium grain	Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

ELEMENTS	DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
		LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form			X				X			X					Evaluator's Names: EPG Date: 9/26/11 (Review and update as needed by M. Paulson) 7/24/12
Line			X			X			X						
Color				X			X			X					
Texture				X			X			X					

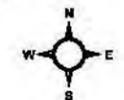
Rationale:
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP Rich-29
Milburn Residential
(Segment 1217.15)





KOP Photograph



Structures Location and Height

Image © 2012 GeoEye
 Image © 2012 State of Utah
 Image © U.S. Dept. of Agriculture
 Image © 2012 TerraMetrics
 ©2012 Google

Form 8-400-4 (September 1985)

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 9/26/11

District Richfield FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location US-89 (north of Fairview)	5. Location Sketch Please see Figure 3.12-2
2. Key Observation Point Rich-30	Township 13S	
3. VRM Class Private	Range 4E	
	Section 4	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Rounded, low relief, domed, rolling	Irregular to uniform expansive patches, stippled in areas	Tall, vertical
LINE	Horizontal, curving, subtle diagonals	Butt to diffuse edges	Vertical
COLOR	Tans	Dark and sage greens, tans	Gray
TEXTURE	Fine to medium grain	Fine to medium grain	Coarse grain, sparse density

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Geometric, rectangular	Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Bold, butt edge	Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR		Tans, grey-green	Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE		Fine to medium grain	Coarse steel lattice structures, and smooth guys and conductors.

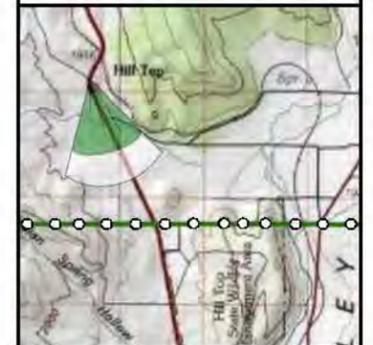
SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form		x			x				x				Evaluator's Names EPG (Review and update as needed by M. Paulson) Date 9/26/11 7/24/12	
Line			x		x				x					
Color			x			x			x					
Texture			x			x			x					

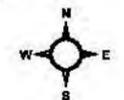
Rationale:
 Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



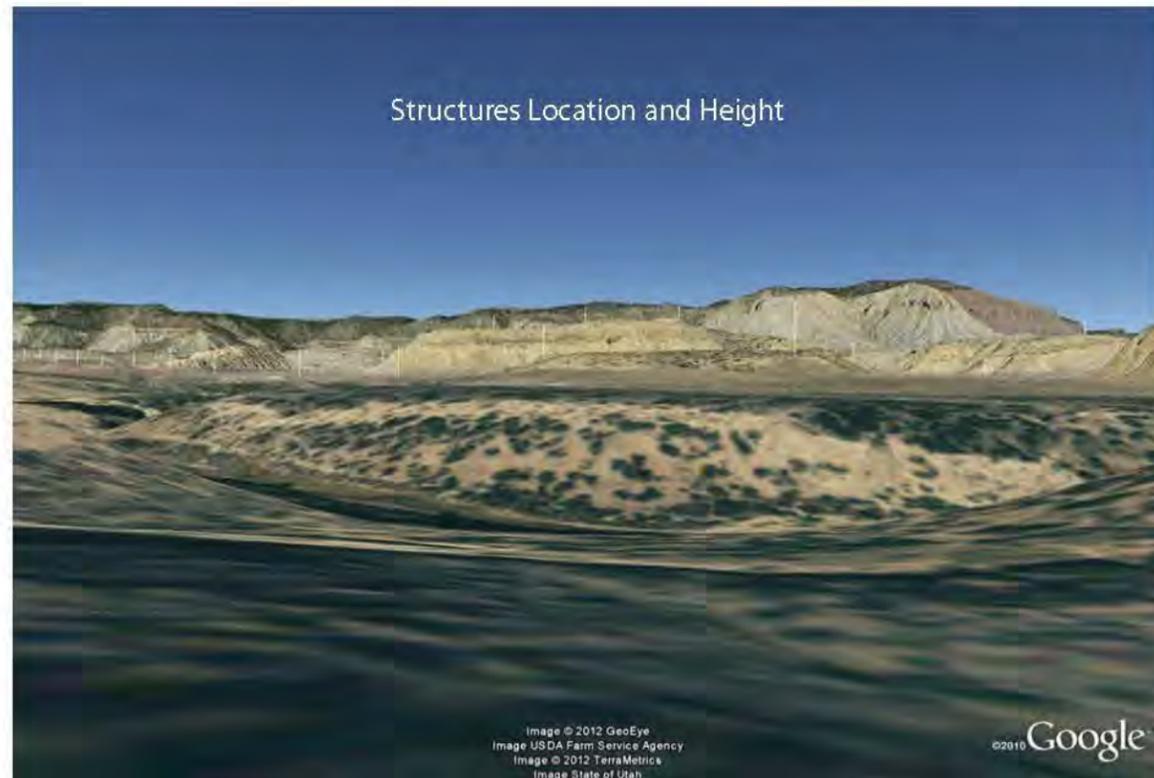
TRANSWEST EXPRESS TRANSMISSION PROJECT

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





KOP Photograph



Structures Location and Height

Image © 2012 GeoEye
Image USDA Farm Service Agency
Image © 2012 TerraMetrics
Image State of Utah
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Form 8-400-4 (September 1985)

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

VISUAL CONTRAST RATING WORKSHEET

Date 08/04/2012

District **Richfield FO**

Resource Area _____

Activity (program) _____

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Utah SH-10</u> (NB) Saleratus Benches	5. Location Sketch Please see Figure 3.12-2
2. Key Observation Point Rich-31	Township <u>23S</u>	
3. VRM Class Class IV	Range <u>5E</u> Section <u>14</u>	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Irregular planar ridge. Vertical planar slope faces and walls and eroded rocky side slopes.	Organic clumps and surfaces of shrubs. Blanket of pinyon-juniper on the skyline.	Planar twin 345-kV steel lattice structures.
LINE	Angular mesa skyline, angular side slopes and wide flat valley floor.	Irregular and curvilinear edges of shrubs and grasses. Curved edges of pinyon-juniper in background.	Straight and horizontal and vertical 345-kV structures
COLOR	Light to medium light to medium brown rock and soil.	Light to medium to dark olive green shrubs. Light bluish-silvery sagebrush. Light tan to green grasses.	Light to medium grey 345-kV structures.
TEXTURE	Smooth to coarse landforms.	Smooth, moderate and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

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

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

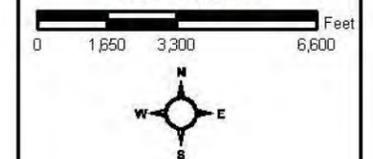
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



TRANSWEST EXPRESS TRANSMISSION PROJECT

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

