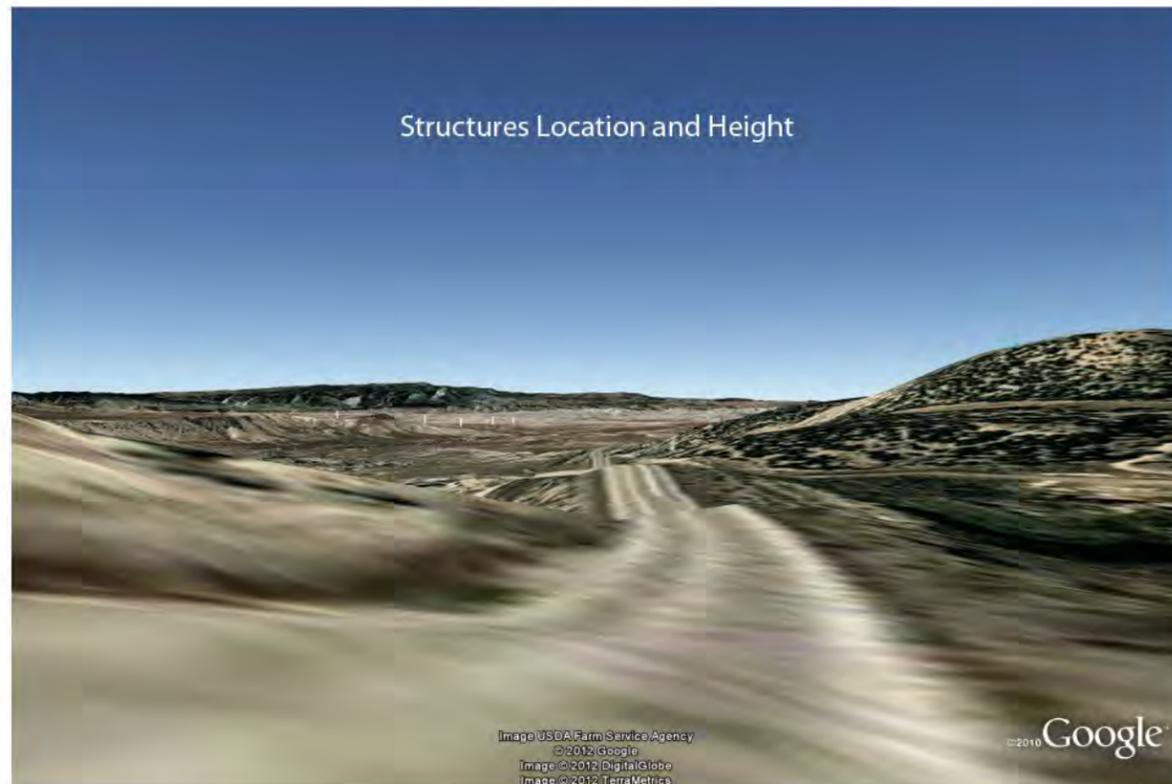




KOP Photograph



Structures Location and Height

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

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Form 8400-4 (September 1985)

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

VISUAL CONTRAST RATING WORKSHEET

Date 10/24/2011

District White River FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location U.S. 40 (westbound) Township 005N Range 098W Section 030	5. Location Sketch Please see Figure 3.12-1
--------------------------------------	--	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

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

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

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

Rationale:

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

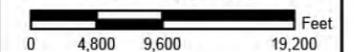
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



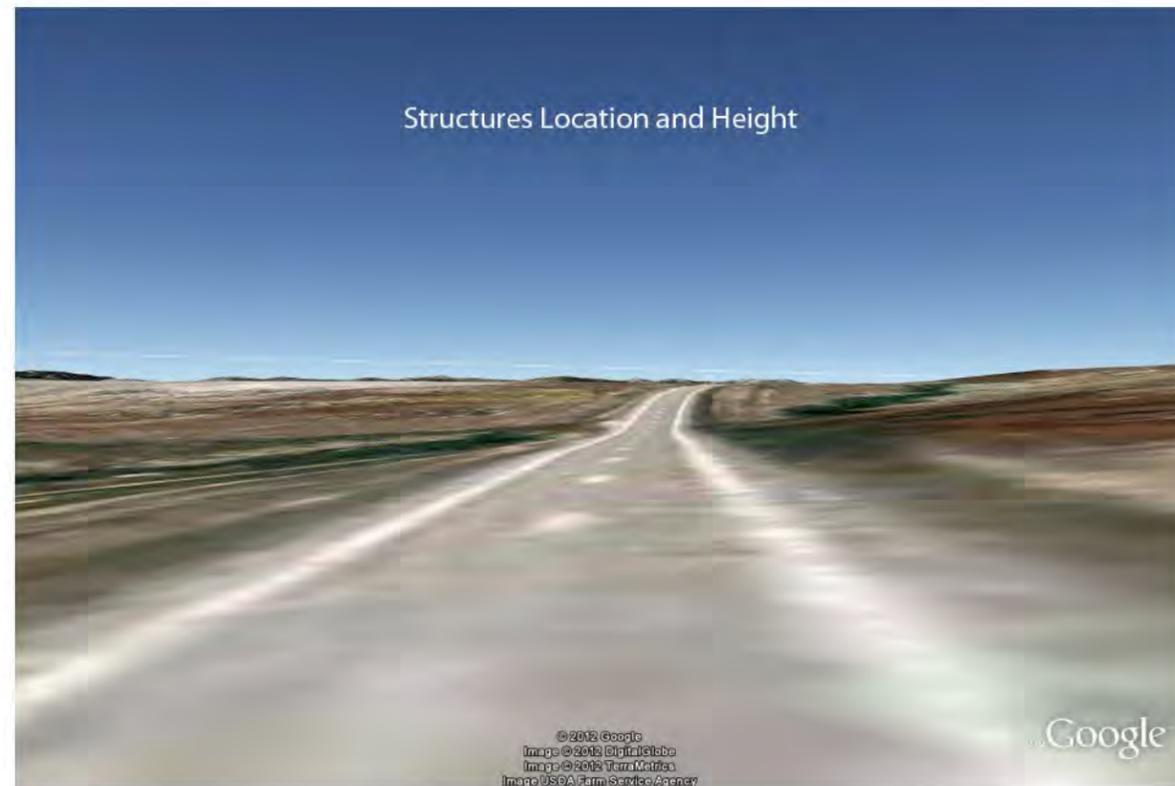
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP WR-9
U.S. 40
(westbound)
(Segment 100)





KOP Photograph



Structures Location and Height

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 Image © 2012 TerraMetrics
 Image © 2012 USGS Farm Service Agency

Form 8400-4 (September 1985)

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

VISUAL CONTRAST RATING WORKSHEET

Date 10/24/2010
 District Little Snake FO
 Resource Area
 Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location U.S. 40 (westbound) Township 003N Range 100W Section 002	5. Location Sketch Please see Figure 3.12-1
--------------------------------------	---	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

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

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

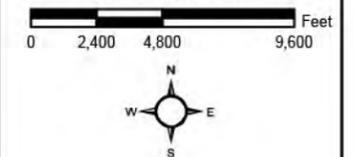
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended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



Project Location



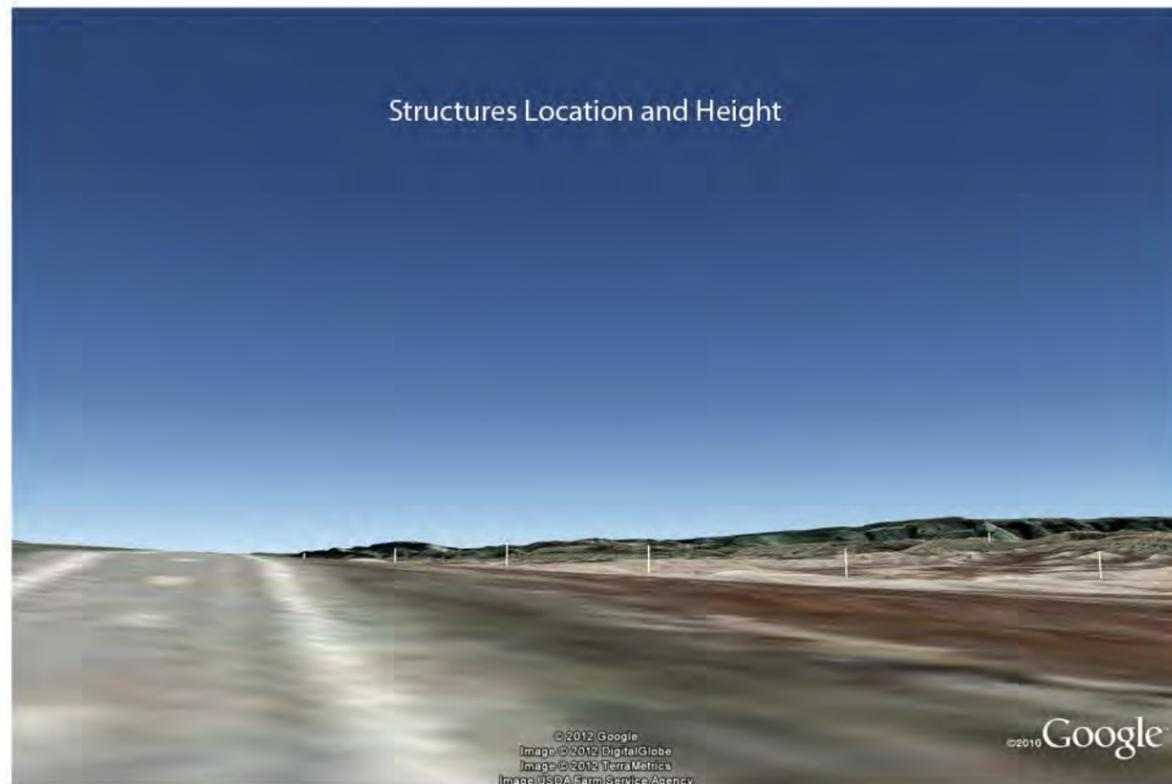
KOP Location



TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP WR-10
 U.S. 40 (westbound)
 (Segment 100)





Form 8400-4
(September 1985)

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

VISUAL CONTRAST RATING WORKSHEET

Date 10/24/2011
District White River FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location U.S. 40 (eastbound)	5. Location Sketch Please see Figure 3.12-1
2. Key Observation Point WR-11	Township 003N	
3. VRM Class IV (VRI Class III)	Range 100W Section 009	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

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

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

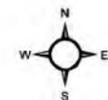
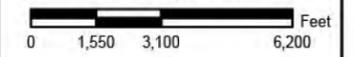
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended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



Project Location



KOP Location



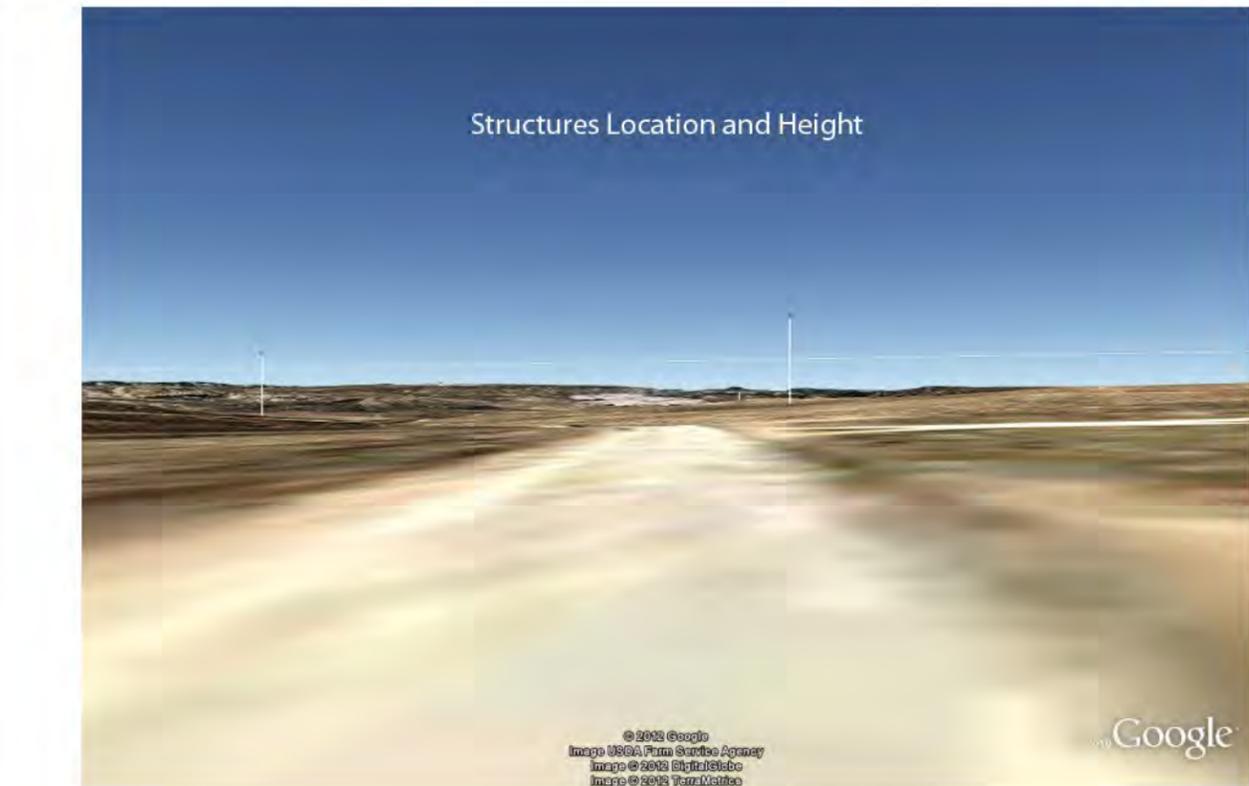
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP WR-11
U.S. 40 (eastbound)
(Segment 210)



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.



Form 8400-4 (September 1985)

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

VISUAL CONTRAST RATING WORKSHEET

Date 10/24/2011

District White River FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location Colo. SH64 (northbound) Township 003N Range 100W Section 009	5. Location Sketch Please see Figure 3.12-1
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SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

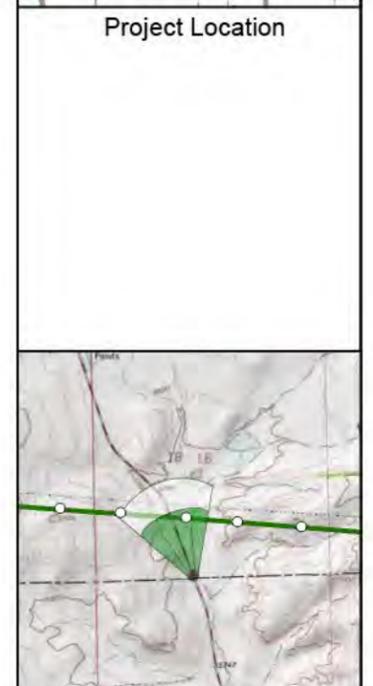
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar rolling and angular ridges. Angular side slopes.	Organic clumps of pinon-juniper, rabbit brush, sagebrush and grasses.	Planar roadway and pyramidal 345-kV transmission line structures.
LINE	Strong angular lines of ridges and skyline. Angular side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

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

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



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

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

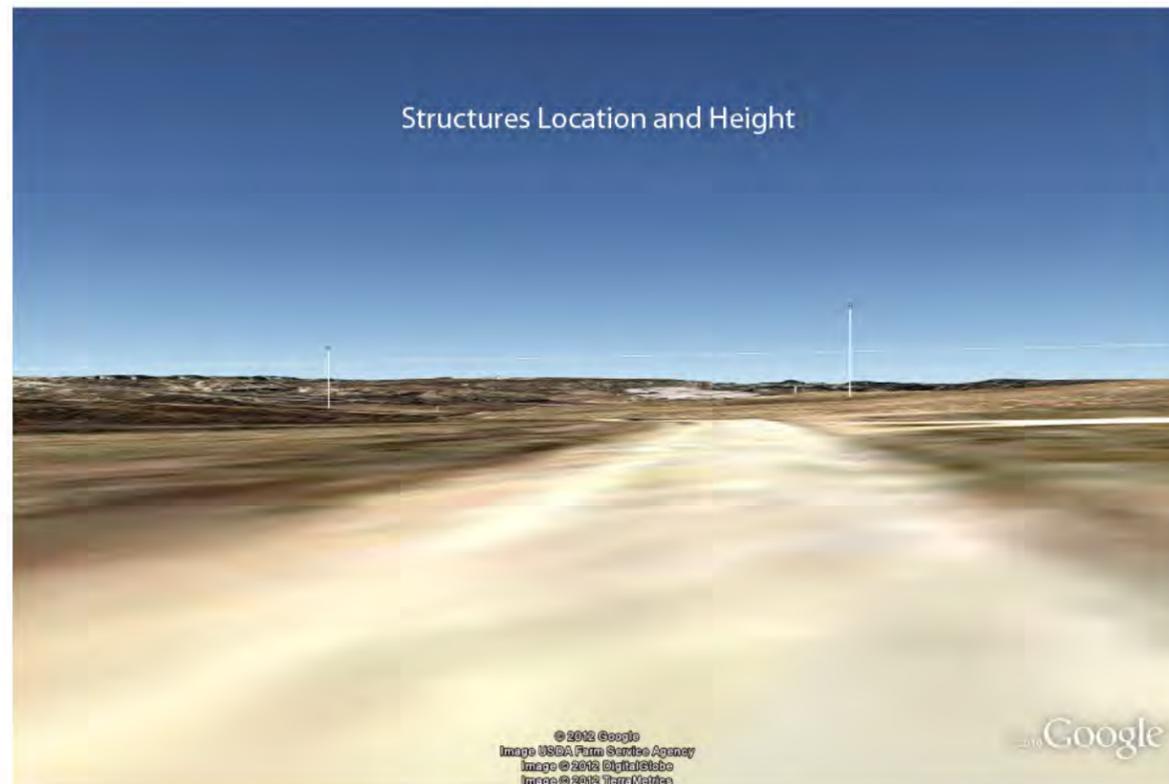
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP WR-13
 Colo State Highway 64
 (northbound)
 (Segment 210)





KOP Photograph



Structures Location and Height

© 2012 Google
 Image USA/FAA from Satellite Agency
 Image © 2012 Google/Mapbox
 Image © 2012 TomTom/Mapbox

Google

Form 8400-4 (September 1985)

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

VISUAL CONTRAST RATING WORKSHEET

Date 10/24/2011

District White River FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location_Colo_SH64 (southbound) Township_003N Range_100W Section_009	5. Location Sketch Please see Figure 3.12-1
--------------------------------------	---	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

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

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Strongly pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form													X	Evaluator's Names M. Paulson Date 10/24/10
Line													X	
Color													X	
Texture													X	

Rationale:

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

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



Project Location



KOP Location



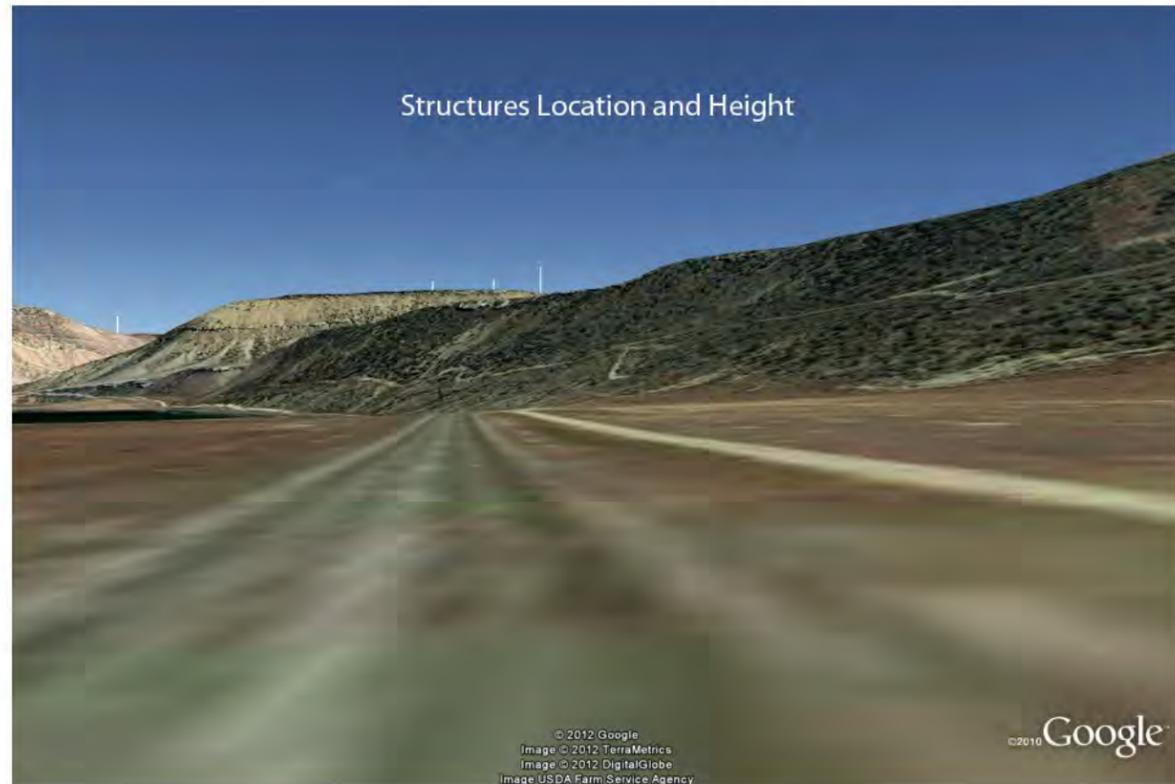
**TRANSWEST EXPRESS
 TRANSMISSION PROJECT**

KOP WR-14
 Colo State Highway 64
 (southbound)
 (Segment 210)





KOP Photograph



Structures Location and Height

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

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Form 8400-4 (September 1985)

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

VISUAL CONTRAST RATING WORKSHEET

Date 10/24/2010
District White River FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location Colorado SH 64 (eastbound) Township 002N Range 101W Section 033	5. Location Sketch Please see Figure 3.12-2
--------------------------------------	---	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

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

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

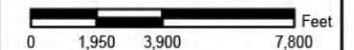
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended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



Project Location



KOP Location



TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP WR-16
 Colo State Highway 64
 (eastbound)
 (Segment 220.1)



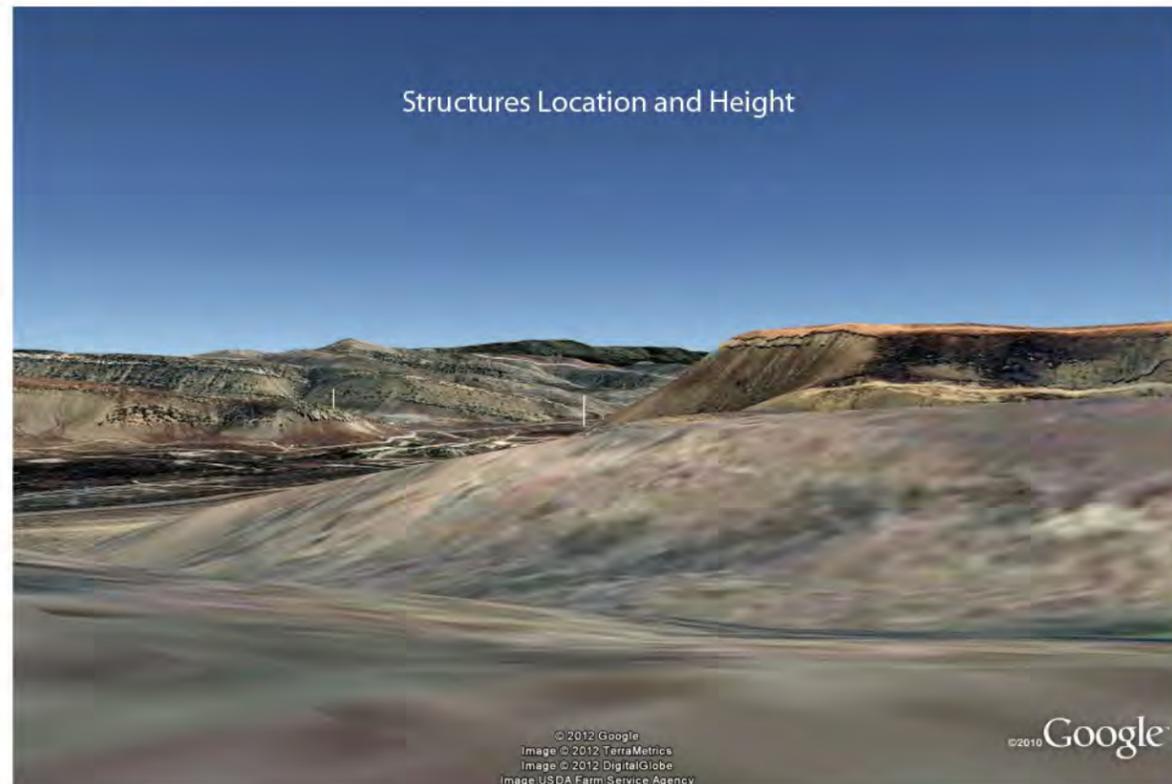
Rationale:

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

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



KOP Photograph



Structures Location and Height

Form 8400-4
(September 1985)

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

VISUAL CONTRAST RATING WORKSHEET

Date 10/24/2010

District White River FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location_Rangely Residential Road Township_001N Range_102W Section_001	5. Location Sketch Please see Figure 3.12-2
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SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar cliffs and rolling and angular ridges. Angular side slopes.	Organic clumps of pinon-juniper, rabbit brush, sagebrush and grasses.	Ribbon roadway, columnar utility poles and fence posts. Amorphous oil pad and pyramidal pump jack.
LINE	Strong angular lines of vertical cliffs, ridges and skyline. Angular side slopes.	Indistinct pinon-juniper, sagebrush, rabbit brush and linear roadside grasses.	Linear horizontal roadway, and vertical pump jack and utility poles.
COLOR	Very light, medium, and dark tan to brown landforms.	Olive green pinon-juniper and medium olive green sagebrush. Orange riparian shrubs. Golden tan to brown rabbit brush and grasses.	Light to medium grey roadway. Light tan to brown utility poles and fence posts. Dark brown pump jack.
TEXTURE	Smooth to moderate landforms.	Coarse pinon-juniper, rabbit brush and sagebrush. Smooth to coarse grasses.	Smooth to medium roadway, pump jack and utility poles.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

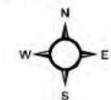
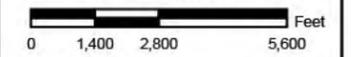
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended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



Project Location



KOP Location



TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP WR-17
Rangely Residential Road
(Segment 220.1)



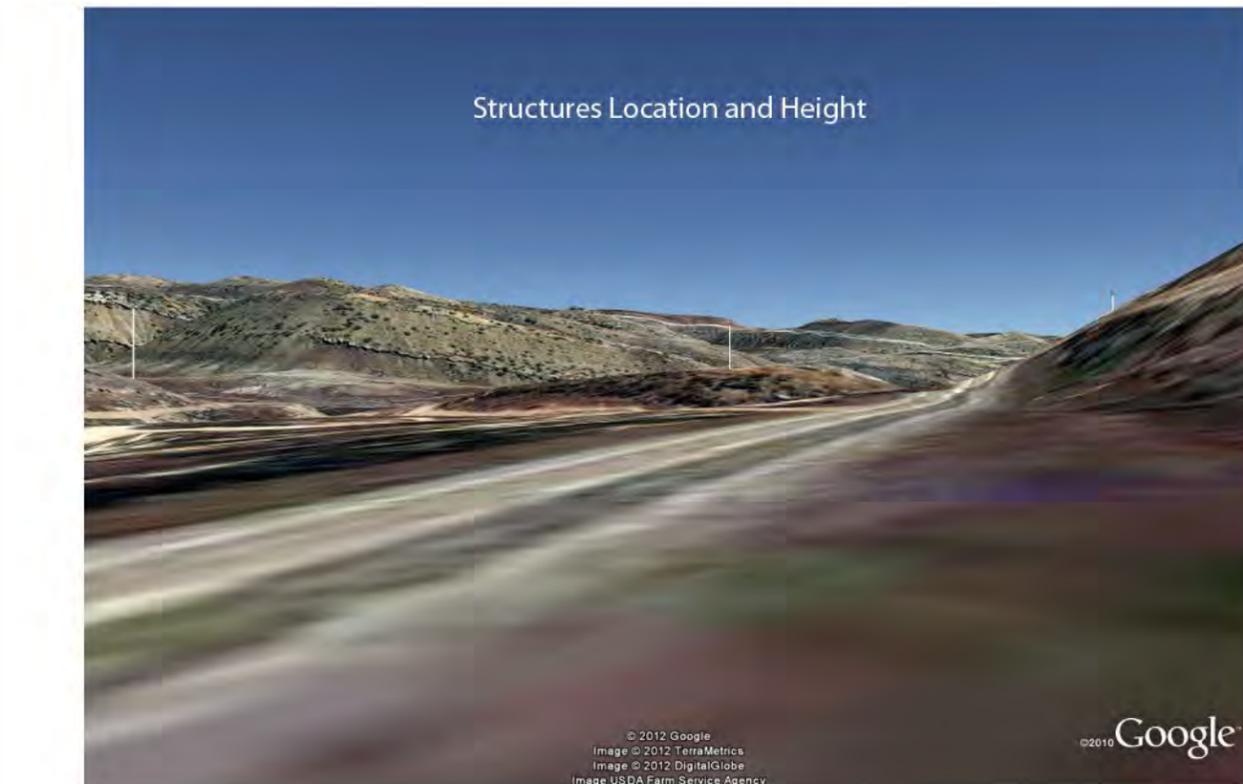
Rationale:

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

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



KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 10/24/2010
 District White River FO
 Resource Area
 Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location Colorado SH 139 (southbound) Township 001N Range 101W Section 007	5. Location Sketch Please see Figure 3.12-2
--------------------------------------	---	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar cliffs and rolling and angular ridges. Angular side slopes.	Organic clumps of pinon-juniper, rabbit brush, sagebrush and grasses.	Planar roadway, overhead conductors, columnar utility poles and fence posts.
LINE	Strong angular lines of vertical cliffs, ridges and skyline. Angular side slopes.	Indistinct pinon-juniper, sagebrush, rabbit brush and linear roadside grasses.	Linear horizontal roadway, curvilinear conductors, and vertical utility poles, fence posts and markers.
COLOR	Very light, medium, and dark tan to brown landforms.	Dark olive green pinon-juniper and medium olive green sagebrush. Golden tan to brown rabbit brush and grasses.	Light to medium grey roadway and conductors. Light tan to brown utility poles and fence posts.
TEXTURE	Smooth to moderate landforms.	Coarse pinon-juniper, rabbit brush and sagebrush. Smooth to coarse grasses.	Smooth to medium roadway, utility poles, fence posts and markers.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

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

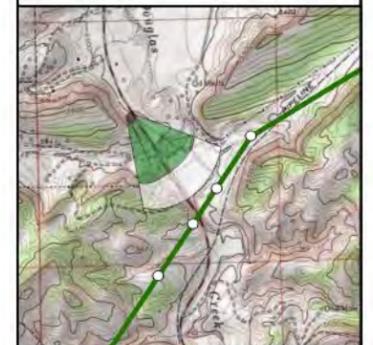
Rationale:

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

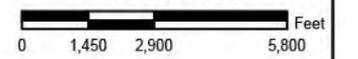
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



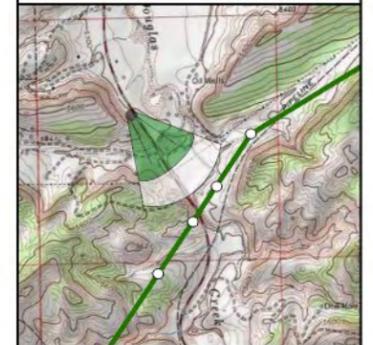
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP WR-18
 Colo State Highway 139 (southbound)
 (Segment 220.1)

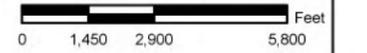




Project Location



KOP Location



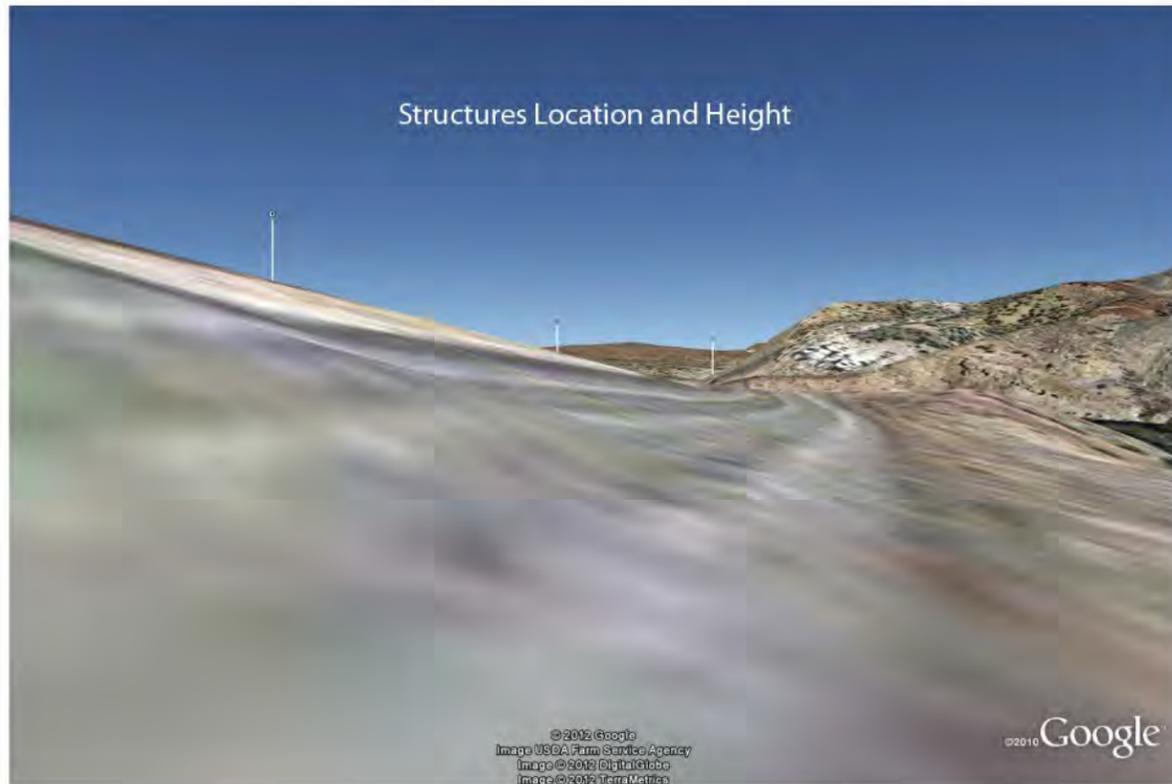
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP WR-18
Simulated Condition
(Segment 220.1)





KOP Photograph



Structures Location and Height

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

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Form 8400-4 (September 1985)

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

VISUAL CONTRAST RATING WORKSHEET

Date 10/24/2010

District White River FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location Colorado SH 139 (northbound) Township 001N Range 101W Section 018	5. Location Sketch Please see Figure 3.12-2
--------------------------------------	---	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

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

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

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

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

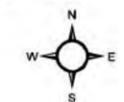
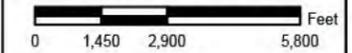
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



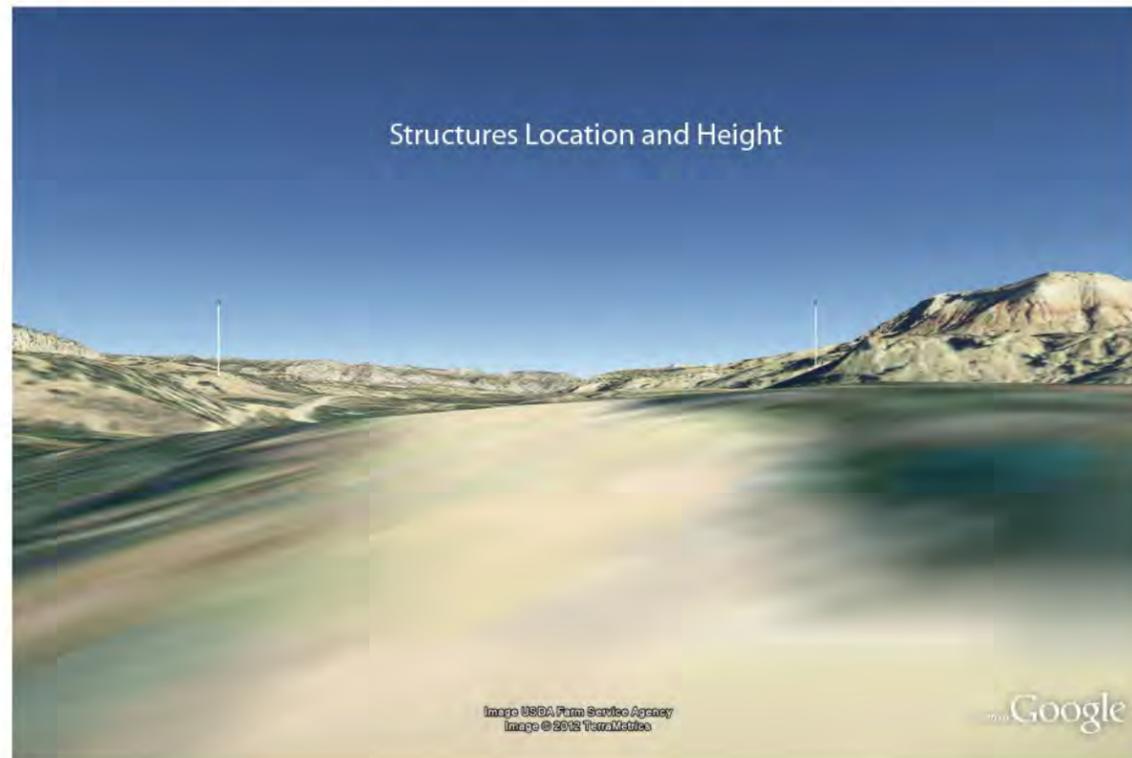
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP WR-19
Colorado State Hwy 139
(northbound)
(Segment 220.1)





KOP Photograph



Structures Location and Height

Image USDA Farm Service Agency
Image © 2012 TerraMetrics

Google

Form 8400-4 (September 1985)

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

Date 10/24/2010
District White River FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Moffat</u> County Rd. Township <u>S</u> Range <u>E</u> Section <u>4</u>	5. Location Sketch Please see Figure 3.12-2
--------------------------------------	--	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar cliffs and rolling and angular ridges. Angular side slopes.	Organic clumps of pinon-juniper, rabbit brush, sagebrush and grasses.	Planar roadway, columnar utility poles.
LINE	Strong angular lines of vertical cliffs, ridges and skyline. Angular side slopes.	Indistinct pinon-juniper, sagebrush, rabbit brush and linear roadside grasses.	Linear horizontal roadway and vertical utility poles.
COLOR	Very light, medium, and dark tan to brown landforms.	Olive green pinon-juniper and tanish olive green sagebrush. Golden tan to brown rabbit brush and grasses..	Light to medium tan roadway and utility poles.
TEXTURE	Smooth to moderate landforms.	Coarse pinon-juniper, rabbit brush and sagebrush. Smooth to coarse grasses.	Smooth to medium roadway and smooth utility poles..

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

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

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

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

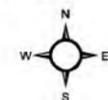


Project Location



KOP Location

0 1,350 2,700 5,400 Feet



TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP WR-20
Moffet County
Baxter Pass Road
(Segment 220.1)

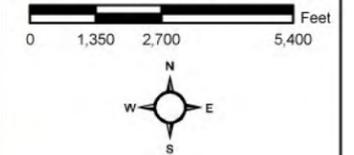




Project Location



KOP Location



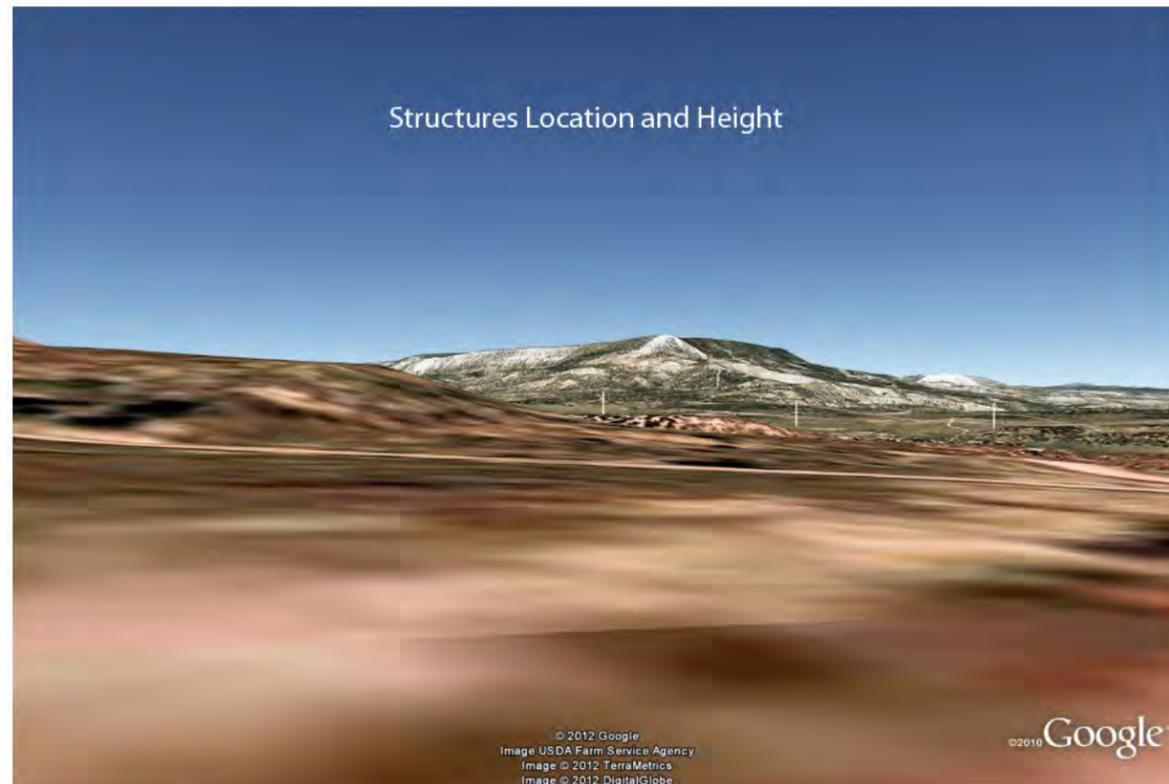
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP WR-20
Simulated Condition
(Segment 220.1)





KOP Photograph



Structures Location and Height

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

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Form 8400-4 (September 1985)

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

VISUAL CONTRAST RATING WORKSHEET

Date 10/24/2010

District White River FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location BLM Recreation Rd. (wb)	5. Location Sketch Please see Figure 3.12-2
2. Key Observation Point WR-21	Township 002S	
3. VRM Class IV (VRI Class IV)	Range 103W	
	Section 023	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar horizontal and angular ridges. Angular side slopes.	Organic planar surface of pinon-juniper and organic clumps of sagebrush and rabbit brush.	Planar roadway, cuboid pump station and utility buildings.
LINE	Strong angular lines of skyline. Angular side slopes and foreground ridgeline.	Indistinct lines in surface of pinon-juniper, sagebrush, rabbit brush and grasses.	Linear horizontal roadway. Horizontal and vertical buildings.
COLOR	Very light, medium, and dark brown slopes.	Dark olive pinon-juniper. Light tan to brown rabbit brush and grasses and light to medium tan sagebrush.	Light to medium tan roadway. White pump station buildings and olive utility buildings.
TEXTURE	Smooth to moderate landform.	Smooth to coarse pinon-juniper, grasses and sagebrush.	Smooth gravel roadway and buildings.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

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

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

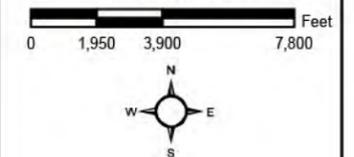
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



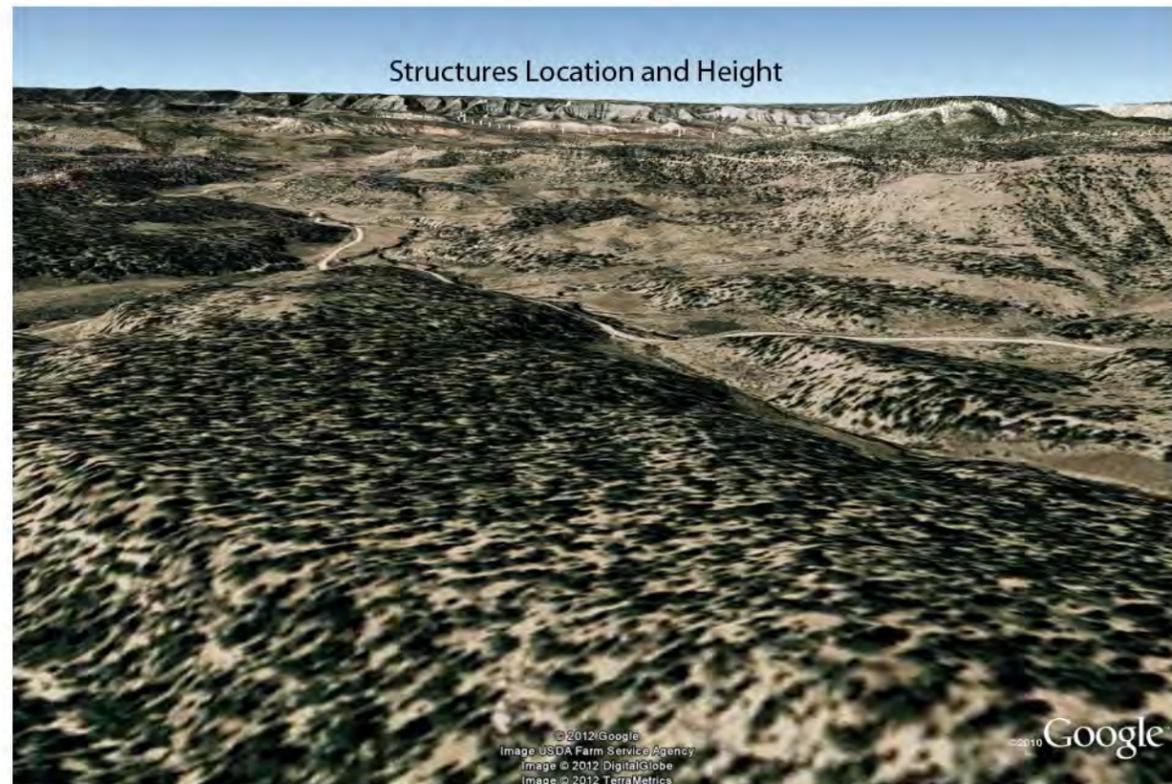
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP WR-21
BLM Recreation Road
(westbound)
(Segment 220.1)





KOP Photograph



Structures Location and Height

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Image © 2012 DigitalGlobe
Image © 2012 TerraMetrics

Form 8400-4
(September 1985)

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

VISUAL CONTRAST RATING WORKSHEET

Date 10/24/2010

District White River FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>BLM</u> <u>Recreation Rd. (sb)</u> <u>Township_002S</u> <u>Range_103W</u> <u>Section_025</u>	5. Location Sketch Please see Figure 3.12-2
--------------------------------------	---	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar horizontal and angular ridges. Angular side slopes.	Organic planar surface of pinon-juniper and organic clumps of sagebrush and rabbit brush.	Planar roadway, cuboid pump station and utility buildings.
LINE	Strong angular lines of skyline. Angular side slopes and foreground ridge line.	Indistinct lines in surface of pinon-juniper, sagebrush, rabbit brush and grasses.	Linear horizontal roadway. Horizontal and vertical buildings.
COLOR	Very light, medium, and dark brown slopes.	Dark olive pinon-juniper. Light tan to brown rabbit brush and grasses and light to medium tan sagebrush.	Light to medium tan roadway. White pump station buildings and olive utility buildings.
TEXTURE	Smooth to moderate landform.	Smooth to coarse pinon-juniper, grasses and sagebrush.	Smooth gravel roadway and buildings.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

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

Rationale:

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

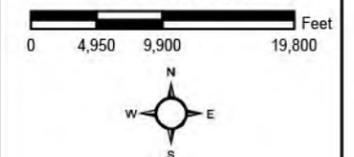
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



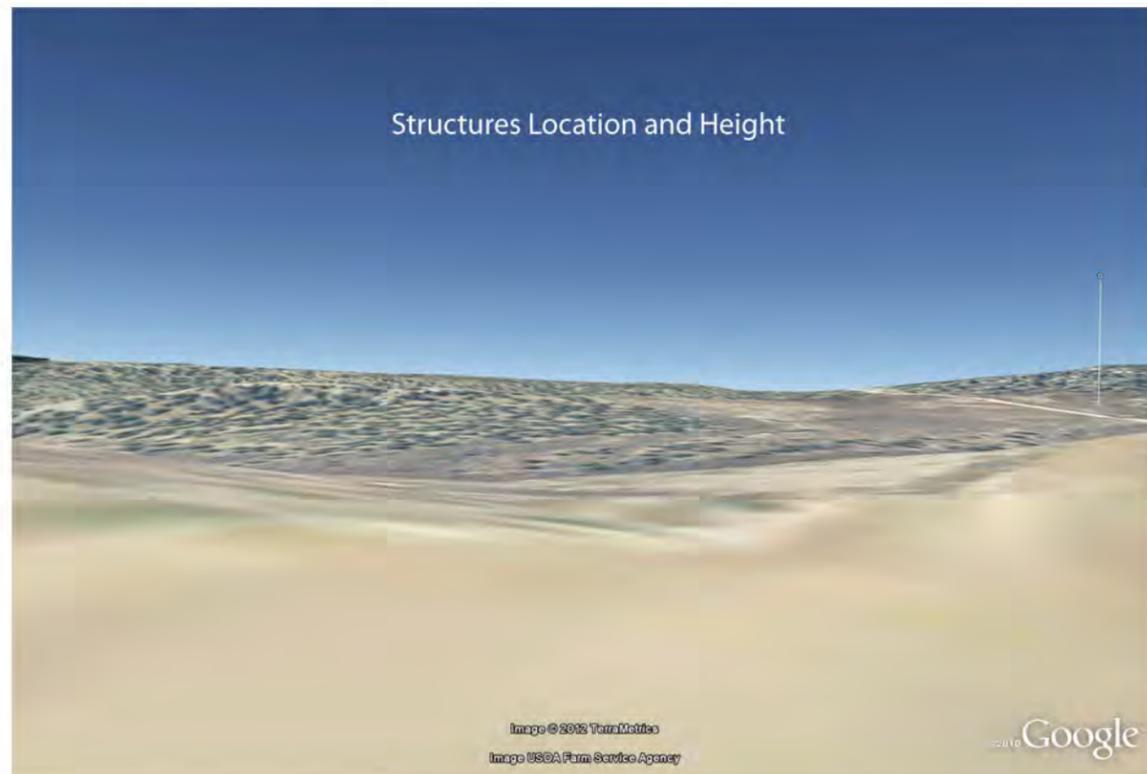
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP WR-22
BLM Recreation Road
(southbound)
(Segment 220.1)





KOP Photograph



Structures Location and Height

Image © 2012 TerraMetrics
Image USDA Farm Service Agency

Google

Form 8400-4 (September 1985)

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

VISUAL CONTRAST RATING WORKSHEET

Date 06/02/2012

District White River FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Moffat Co.</u> <u>Rd. 23 (Southbound)</u> <u>Township 001N</u> <u>Range 102W</u> <u>Section 33</u>	5. Location Sketch Please see Figure 3.12-1
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SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar rolling and angular ridges. Angular side slopes.	Organic clumps of pinon-juniper, rabbit brush, sagebrush and grasses.	Planar gravel road.
LINE	Strong angular lines of ridges and skyline. Angular side slopes.	Indistinct pinon-juniper, sagebrush, rabbit brush and linear roadside grasses.	Horizontal and curvilinear road edges.
COLOR	Very light, medium, and dark tan to brown landforms.	Dark olive green pinon-juniper and medium olive green sagebrush. Golden tan to brown rabbit brush and grasses.	Light to medium reddish brown roadway.
TEXTURE	Smooth to moderate landforms.	Coarse pinon-juniper, rabbit brush and sagebrush. Smooth to coarse grasses.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

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

Rationale:

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

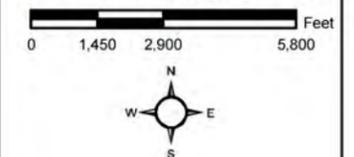
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP WR-23
Moffat County Rd. 23
(southbound)
(Segment 220.1)





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 10/24/2011

District White River FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Blue Mt. Rd</u> (northbound) Township <u>003N</u> Range <u>100W</u> Section <u>009</u>	5. Location Sketch Please see Figure 3.12-1
--------------------------------------	---	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

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

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

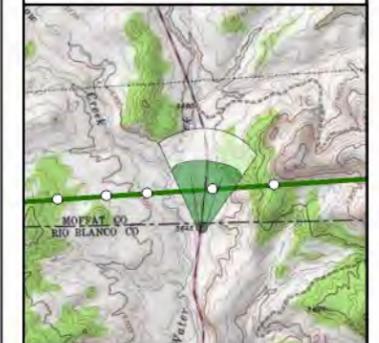
Elements	DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/>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

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

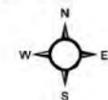
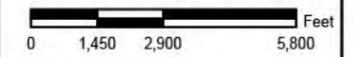
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP WR-25
Blue Mountain Road
(northbound)
(Segment 210)

