Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 03/26/2014
District Vernal FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: V-17
3. VRM Class: III (VRI Class III)
4. Location: Utah State Highway 45; Township 6S; Range 20E; Section 21
5. Location Sketch: Please see Figure 3.12-1

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar inclined and inclined side slopes.	Organic clumps of sagebrush and grasses.	Strongly planar foreground roadway and steel lattice tower, and cylindrical poles.
LINE	Horizontal skyline and horizontal valley floor.	Indistinct sagebrush and grasses.	Strongly horizontal curvilinear foreground roadway. Vertical steel lattice towers and power poles.
COLOR	Light to medium brown slopes.	Golden tan to brown grasses. Bluish silver green sagebrush.	Light to medium grey towers and paved foreground roadway. Dark brown poles and dark grey substation.
TEXTURE	Smooth landforms.	Coarse shrubs and grasses.	Course lattice tower. Smooth to medium foreground roadway and smooth poles.

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: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements	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: 03/26/2014

Rationale:
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objectives. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-4, 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

Feet
0 1,400 2,800 5,600

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP V-17
Utah State Hwy 45
(Segment 1320.05)

Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/22/2011
District Vernal FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
V-18

3. VRM Class
III (VRI Class III)

4. Location Utah State Highway 45
Township 7S
Range 22E
Section 11

5. Location Sketch
Please see Figure 3.12-1

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar inclined and inclined side slopes.	Organic clumps of sagebrush and grasses.	Strongly planar foreground roadway and steel lattice tower, and cylindrical poles.
LINE	Horizontal skyline and horizontal valley floor.	Indistinct sagebrush and grasses.	Strongly horizontal curvilinear foreground roadway. Vertical steel lattice towers and power poles.
COLOR	Light to medium brown slopes.	Golden tan to brown grasses. Bluish silver green sagebrush.	Light to medium grey towers and paved foreground roadway. Dark brown poles and dark grey substation.
TEX-TURE	Smooth landforms.	Coarse shrubs and grasses.	Course lattice tower. Smooth to medium foreground roadway and smooth poles.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements	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 07/22/2011

Rationale:
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objectives. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-4, 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

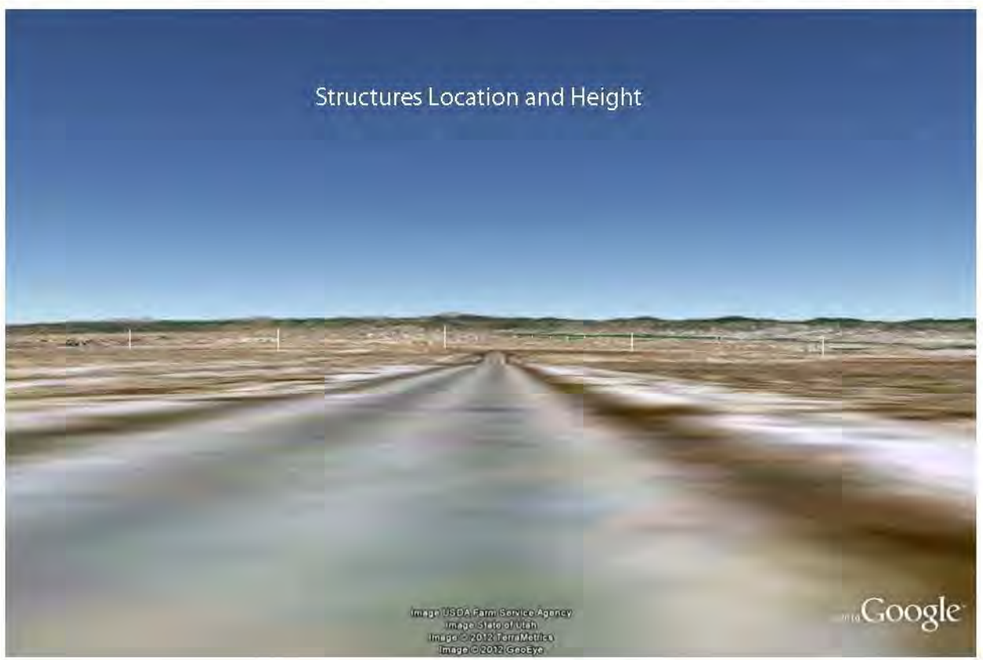
KOP Location

Feet
0 1,450 2,900 5,800

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP V-18
Utah State Hwy 45
(Segment 1212)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date	07/22/2011
District Vernal FO	
Resource Area	
Activity (program)	

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location Utah State Highway 45 Township 7S Range 22E Section 13	5. Location Sketch Please see Figure 3.12-1
2. Key Observation Point V-19		
3. VRM Class III (VRI Class III)		

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular mountain backdrop. Planar inclined and inclined side slopes.	Organic clumps of sagebrush and grasses.	Strongly planar foreground roadway and h-frame cylindrical poles.
LINE	Angular skyline and horizontal valley floor.	Indistinct sagebrush and grasses.	Strongly horizontal curvilinear foreground roadway. Vertical power poles.
COLOR	Light to medium brown slopes.	Golden tan to brown grasses. Bluish silver green sagebrush.	Dark brown poles and light to medium grey paved roadway.
TEX-TURE	Smooth landforms.	Coarse shrubs and grasses.	Smooth to medium foreground roadway and smooth poles.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements	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	Date
M. Paulson	07/22/2011

Rationale:
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objectives. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-4, 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

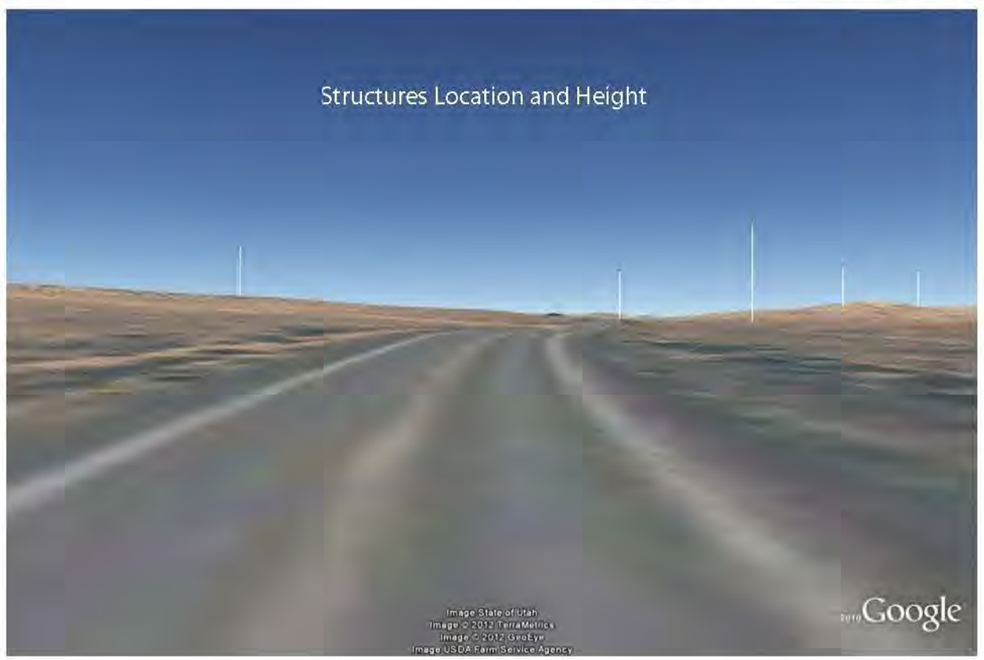
KOP Location

Feet
0 1,450 2,900 5,800

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP V-19
Utah State Hwy 45
(Segment 1212)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date	07/22/2011
District	Vernal FO
Resource Area	
Activity (program)	

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location Utah State Highway 88 Township 6S Range 20E Section 29	5. Location Sketch Please see Figure 3.12-1
2. Key Observation Point V-20		
3. VRM Class IV (VRI Class III)		

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Strong horizontal planar slopes. Moderately inclined side slopes.	Organic clumps of juniper, sagebrush and grasses.	Dbl. circuit steel lattice towers. Strongly planar foreground roadway. Massive PI tower.
LINE	Angular and curvilinear skyline and horizontal valley floor.	Indistinct juniper, sagebrush and grasses.	Vertical, horizontal, and angular tower and conductor elements. Horizontal curvilinear foreground roadway.
COLOR	Very light to medium brown slopes and erosion cuts.	Golden tan to brown grasses. Dark green juniper. Bluish silver green sagebrush.	Light to dark grey towers and conductors. Light to medium grey paved foreground roadway.
TEX-TURE	Smooth landforms.	Coarse sagebrush. Smooth grasses.	Moderate to coarse towers. Smooth to medium foreground roadway.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form										X		
Elements: Line										X		
Elements: Color										X		
Elements: 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	Date
M. Paulson	07/22/2011

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

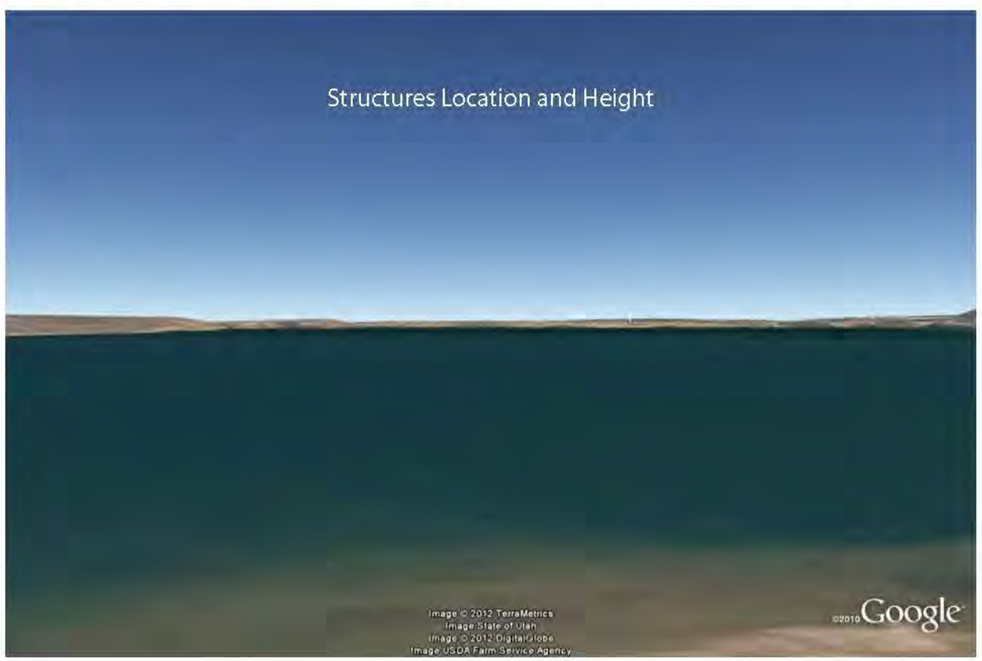
KOP Location

Feet
0 1,450 2,900 5,800

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP V-20
Utah State Hwy 88
(Segment 1320.05)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

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

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location Bottle Hollow Landing/Campground Township 2S Range 1E Section 21	5. Location Sketch Please see Figure 3.12-2
2. Key Observation Point V-21		
3. VRM Class Private		

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Strong planar foreground water and planar distant slopes.	Organic foreground rushes.	Distant dbl. circuit steel lattice towers.
LINE	Strongly horizontal skyline and horizontal lake surface.	Angular edges of rushes.	Vertical tower elements.
COLOR	Strong blue water surface. Very light to medium brown slopes and erosion cuts.	Olive green and golden tan to brown rushes.	Light to dark grey towers.
TEXTURE	Smooth water and land shapes.	Moderately coarse rushes.	NA

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: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form										X		
Elements: Line										X		
Elements: Color										X		
Elements: 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	Date
M. Paulson	07/22/2011

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

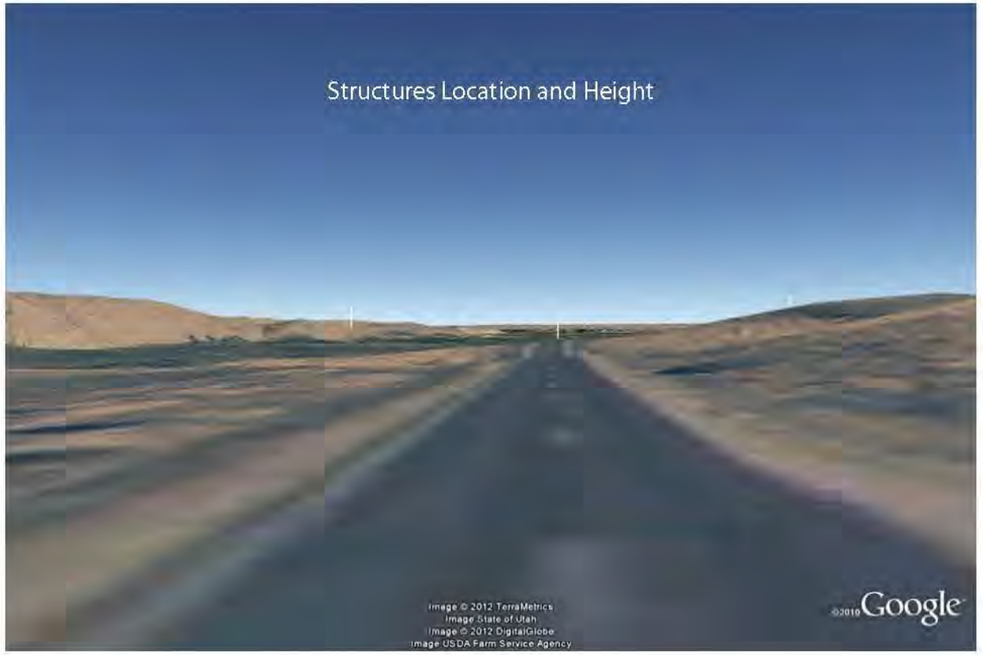
KOP Location

0 2,250 4,500 9,000 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP V-21
Bottle Hollow Landing Campground
(Segment 1320.05)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/22/2011
District Vernal FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: V-22
3. VRM Class: Private
4. Location: Utah State Highway; Township 2S; Range 1E; Section 26
5. Location Sketch: Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Horizontal planar valley floor and inclined side slopes.	Organic clumps of riparian trees, sagebrush and grasses.	Strongly planar foreground roadway and steel lattice tower, and cylindrical poles.
LINE	Horizontal and angular skyline and horizontal valley floor.	Curvilinear tree edges. Indistinct sagebrush and grasses.	Strongly horizontal foreground roadway. Vertical steel lattice towers and power poles.
COLOR	Light to medium brown slopes.	Dark olive green riparian trees. Golden tan to brown grasses. Bluish silver green sagebrush.	Light to medium grey towers and paved foreground roadway. Dark brown poles and dark grey substation.
TEXTURE	Smooth landforms.	Coarse trees and shrubs. Smooth grasses.	Course lattice tower. Smooth to medium foreground roadway and smooth poles.

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: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements	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: 07/22/2011

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

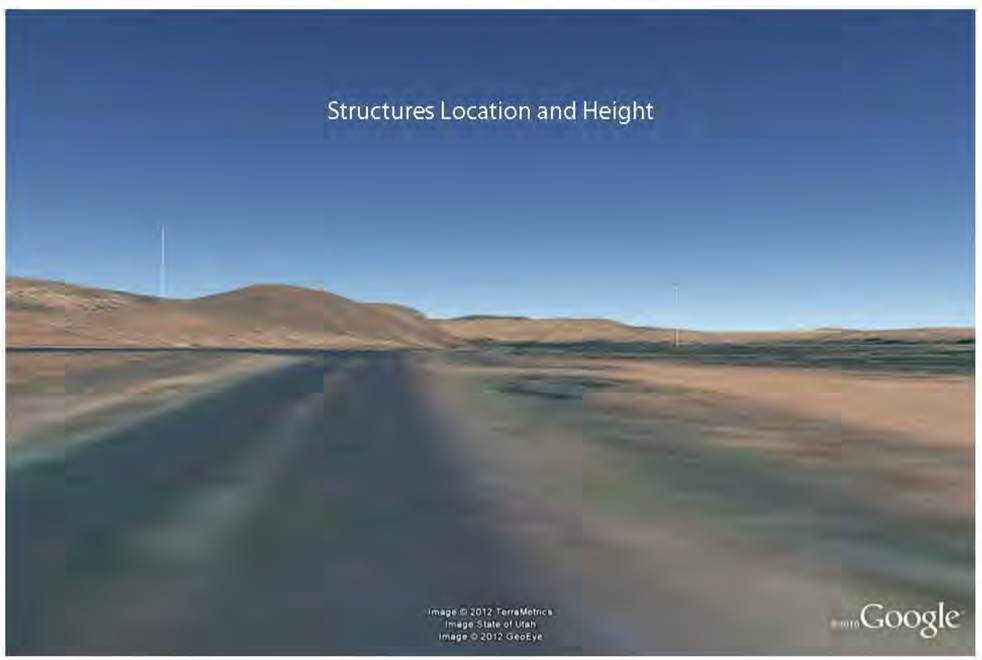
KOP Location

Feet
0 1,450 2,900 5,800

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP V-22
Utah State Hwy
(Segment 1320.05)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/22/2011
District Vernal FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: V-23
3. VRM Class: Private
4. Location: Utah State Highway; Township 2S; Range 1E; Section 35
5. Location Sketch: Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Horizontal planar valley floor and inclined side slopes.	Organic clumps of riparian trees, sagebrush and grasses.	Strongly planar foreground roadway and steel lattice tower, and cylindrical poles.
LINE	Horizontal and angular skyline and horizontal valley floor.	Curvilinear tree edges. Indistinct sagebrush and grasses.	Strongly horizontal foreground roadway. Vertical steel lattice towers and power poles.
COLOR	Light to medium brown slopes.	Dark olive green riparian trees. Golden tan to brown grasses. Bluish silver green sagebrush.	Light to medium grey towers and paved foreground roadway. Dark brown poles and dark grey substation.
TEXTURE	Smooth landforms.	Coarse trees and shrubs. Smooth grasses.	Course lattice tower. Smooth to medium foreground roadway and smooth poles.

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: LAND/WATER BODY (1) Strong	Moderate	Weak	None	VEGETATION (2) Strong	Moderate	Weak	None	STRUCTURES (3) Strong	Moderate	Weak	None
Elements	Form										X		
	Line										X		
	Color										X		
	Texture											X	

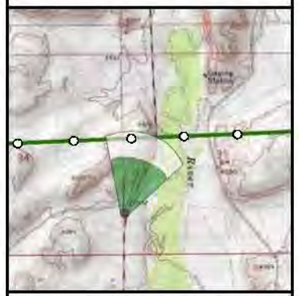
2. Does project design meet visual resource management objectives? ☐ Yes ☐ No (Explain on reverse side)

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

Evaluator's Names: M. Paulson
Date: 07/22/2011

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



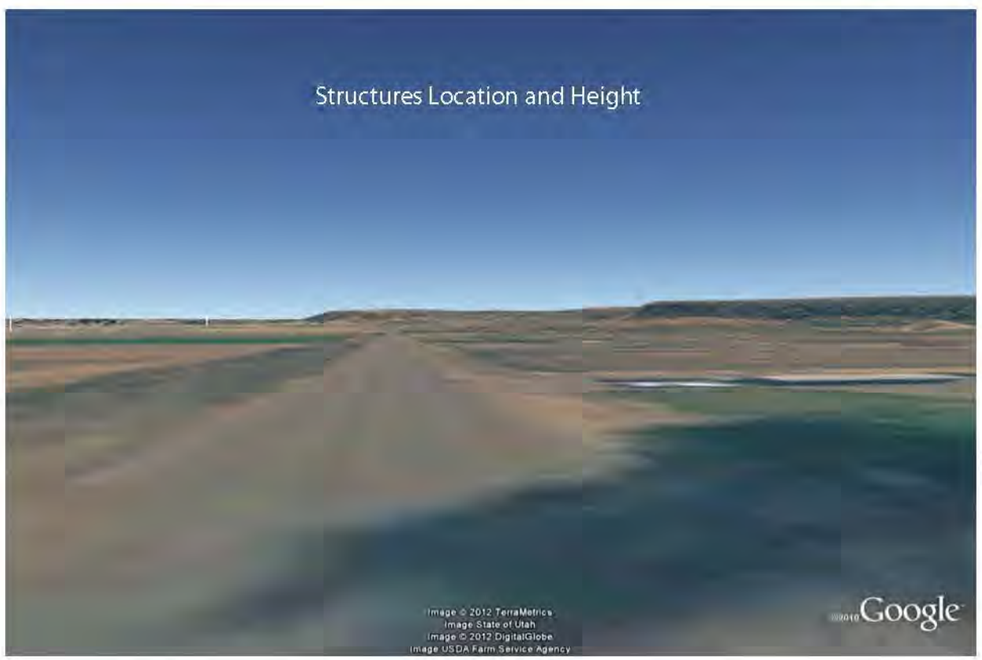
KOP Location

Feet
0 1,450 2,900 5,800

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP V-23
Utah State Hwy
(Segment 1320.05)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/22/2011
District Vernal FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
V-24

3. VRM Class
Private

4. Location Utah State Highway
Township 2S
Range 1W
Section 27

5. Location Sketch
Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Horizontal planar valley floor and inclined side slopes.	Organic clumps of riparian trees and shrubs, sagebrush and grasses.	Strongly planar foreground roadway and steel lattice tower, and cylindrical poles. Cubed residential structures.
LINE	Horizontal and angular skyline and horizontal valley floor.	Curvilinear tree edges. Indistinct sagebrush and grasses.	Strongly horizontal foreground roadway. Vertical steel lattice towers and power poles. Horizontal and vertical structures.
COLOR	Light to medium brown slopes.	Dark olive green riparian trees. Golden tan to brown grasses. Bluish silver green sagebrush.	Light to medium grey towers and paved foreground roadway. Dark brown poles and dark grey substation. White structs.
TEX-TURE	Smooth landforms.	Coarse trees and shrubs. Smooth grasses.	Course lattice tower. Smooth to medium foreground roadway and smooth poles.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1) Strong	Moderate	Weak	None	VEGETATION (2) Strong	Moderate	Weak	None	STRUCTURES (3) Strong	Moderate	Weak	None
Elements	Form										X		
	Line										X		
	Color										X		
	Texture											X	

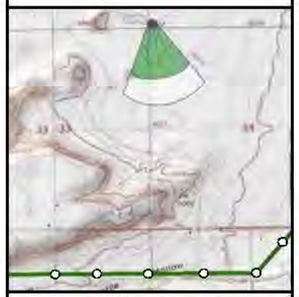
2. Does project design meet visual resource management objectives? ☐ Yes ☐ No (Explain on reverse side)

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

Evaluator's Names: M. Paulson
Date: 07/22/2011

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



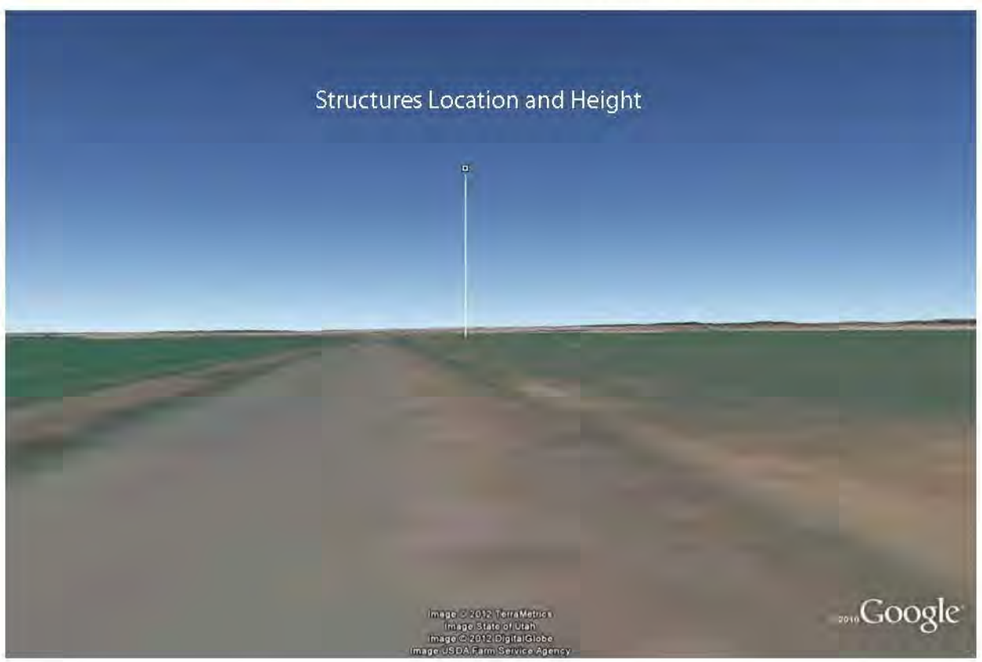
KOP Location

Feet
0 1,450 2,900 5,800

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP V-24
Utah State Hwy
(Segment 1320.05)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date	07/22/2011
District	Vernal FO
Resource Area	
Activity (program)	

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location Utah State Highway Township 3S Range 1W Section 5	5. Location Sketch Please see Figure 3.12-2
2. Key Observation Point V-25		
3. VRM Class Private		

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Horizontal planar ridges.	Organic clumps of riparian trees and shrubs, sagebrush and grasses.	Strongly planar foreground roadway and cylindrical poles. Cubed residential structures.
LINE	Horizontal and skyline and horizontal ridge.	Curvilinear tree edges. Rectilinear crops and grasses.	Strongly horizontal foreground roadway. Vertical power poles. Horizontal and vertical structures.
COLOR	Light to medium grey slopes.	Dark olive green trees. Golden tan to brown grasses. Strong green crops.	Light to medium paved foreground roadway. Dark brown poles. Red and white structures.
TEX-TURE	Smooth landforms.	Coarse trees and roadside grasses. Smooth fields and grasses.	Smooth to medium foreground roadway and smooth structures and poles.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements	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	Date
M. Paulson	07/22/2011

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

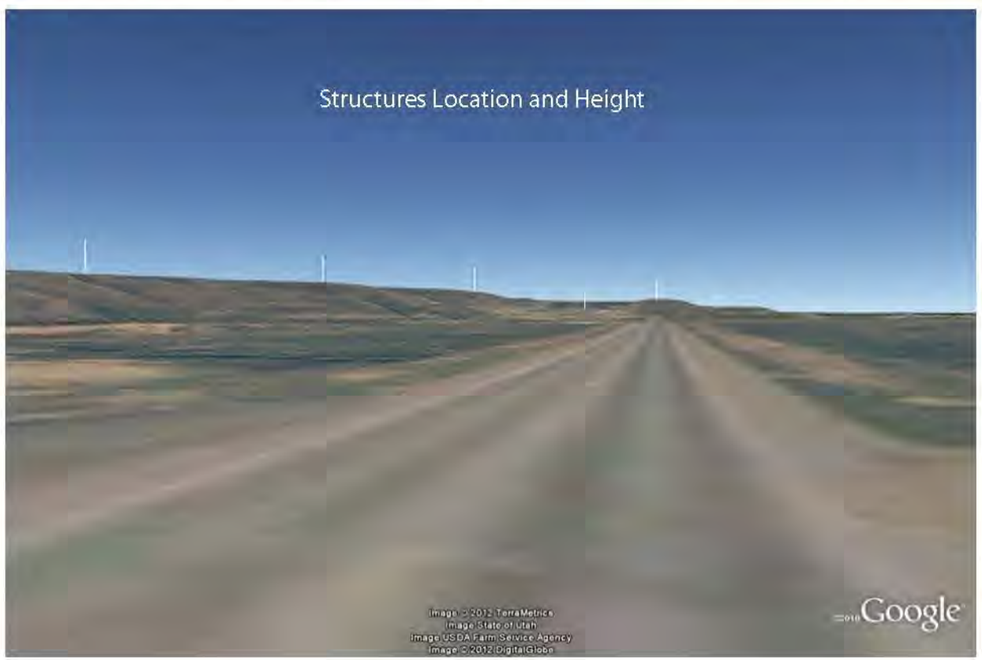
KOP Location

0 1,450 2,900 5,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP V-25
Utah State Hwy
(Segment 1320.05)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/22/2011
District Vernal FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: V-26
3. VRM Class: Private
4. Location: US-40; Township 2S; Range 1W; Section 31
5. Location Sketch: Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Strong horizontal planar mesa slopes. Moderately inclined side slopes.	Organic clumps of trees, juniper, sagebrush and grasses.	Dbl. circuit steel lattice tower and conductors. Strongly planar foreground roadway.
LINE	Angular and curvilinear skyline and horizontal valley floor.	Indistinct juniper, sagebrush and grasses.	Vertical, horizontal, and angular tower and conductor elements. Horizontal curvilinear foreground roadway.
COLOR	Very light to medium brown slopes and erosion cuts.	Golden tan to brown grasses. Dark green deciduous trees and juniper. Bluish silver green sagebrush.	Light to dark grey towers and conductors. Light to medium grey paved foreground roadway.
TEXTURE	Smooth landforms.	Coarse sagebrush. Smooth grasses.	Moderate to coarse towers. Smooth to medium foreground roadway.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements	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: 07/22/2011

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

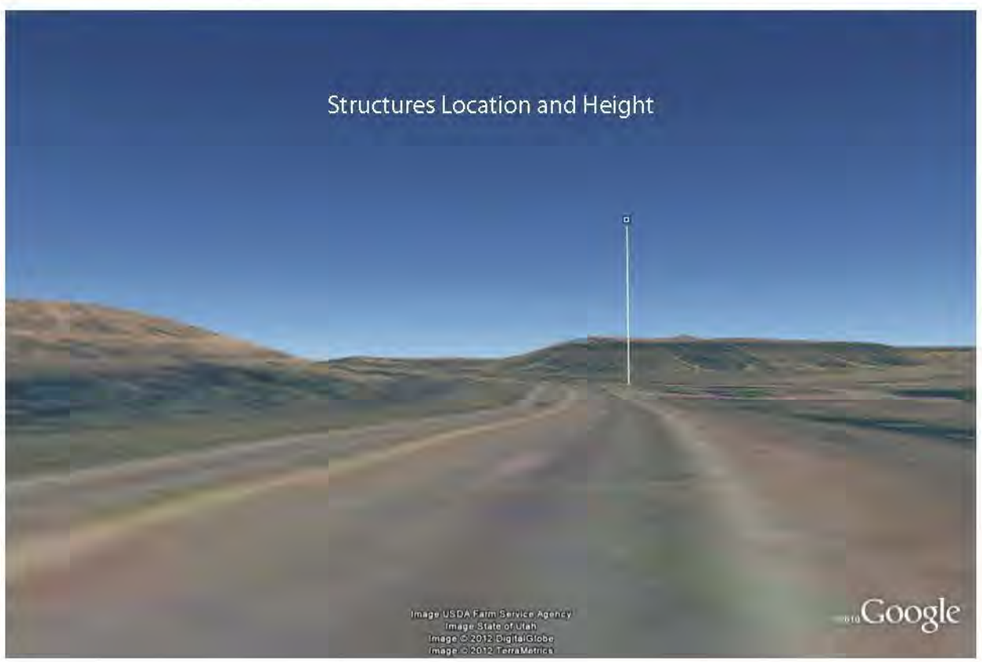
KOP Location

0 1,450 2,900 5,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP V-26
U.S. 40
(Segment 1320.05)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/22/2011
District Vernal FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: V-27
3. VRM Class: Private
4. Location: US-40; Township 3S; Range 2W; Section 1
5. Location Sketch: Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Strong horizontal planar mesa slopes. Moderately inclined side slopes.	Organic clumps of trees, juniper, sagebrush and grasses.	Steel lattice cell tower. Strongly planar foreground roadway.
LINE	Horizontal skyline and horizontal valley floor.	Indistinct juniper, sagebrush and grasses.	Vertical, horizontal, and spherical tower elements. Horizontal curvilinear foreground roadway.
COLOR	Very light to medium brown slopes and erosion cuts.	Golden tan to brown grasses. Dark green deciduous trees and juniper. Bluish silver green sagebrush.	Light to dark grey tower. Light to medium grey paved foreground roadway.
TEXTURE	Smooth landforms.	Coarse sagebrush. Smooth grasses.	Moderate tower. Smooth to medium foreground roadway.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements	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: 07/22/2011

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

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP V-27
U.S. 40
(Segment 1320.05)

Form 8-400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/22/2011
District Vernal FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: V-28
3. VRM Class: Private
4. Location: Utah SH-87 Residential; Township 3S; Range 2W; Section 4
5. Location Sketch: Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Horizontal planar ridges.	Organic clumps of residential trees, shrubs and grasses.	Strongly planar foreground roadway and cylindrical poles. Cubed residential structures.
LINE	Horizontal skyline.	Curvilinear tree edges. Rectilinear roadside grasses.	Strongly horizontal foreground roadway. Vertical power poles. Horizontal and vertical structures.
COLOR	Light to medium light to medium brown soil.	Dark olive green trees. Light silver grey green shrubs. Golden tan to green grasses. Strong green mown areas.	Light to medium paved foreground roadway. Dark brown poles. White structures.
TEX-TURE	Smooth landforms.	Coarse trees and roadside grasses.	Smooth to medium foreground roadway and smooth structures and poles.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form									X			
Elements: Line										X		
Elements: Color										X		
Elements: 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: 07/22/2011

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

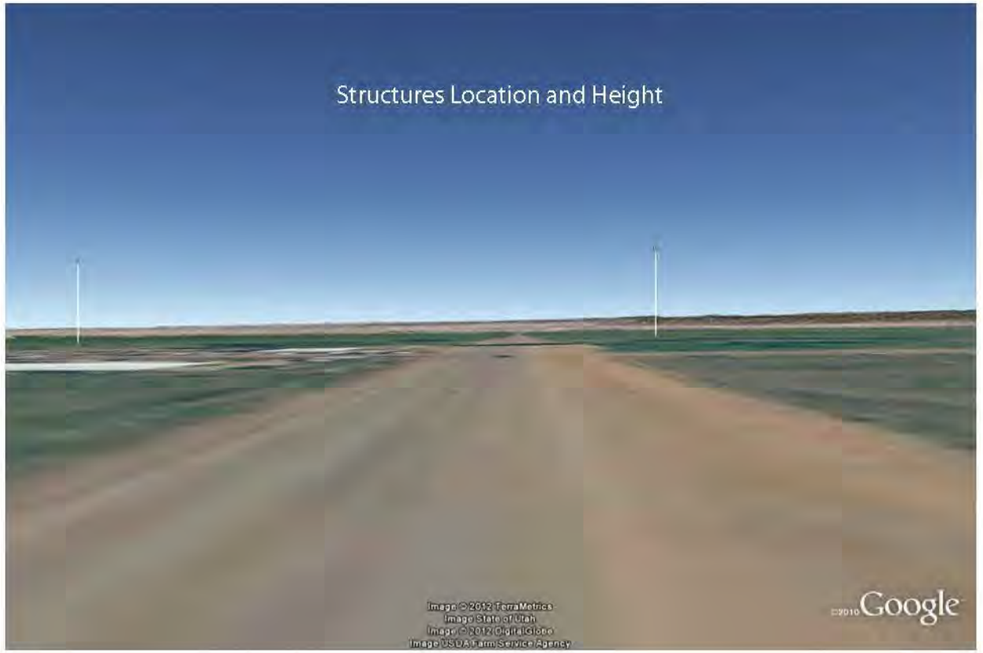
KOP Location

0 1,450 2,900 5,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP V-28
Utah State Hwy 87
Residential
(Segment 1320.05)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/22/2011
District Vernal FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: V-29
3. VRM Class: Private
4. Location: Utah State Highway 87–Residential; Township 2S; Range 3W; Section 28
5. Location Sketch: Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Horizontal planar ridges.	Organic clumps of residential trees, shrubs and grasses.	Strongly planar steel lattice tower, conductors, foreground roadway and cylindrical poles. Cubed residential structures.
LINE	Horizontal skyline.	Curvilinear tree edges. Rectilinear roadside grasses.	Strongly horizontal foreground roadway. Vertical lattice towers and power poles. Horizontal and vertical structures.
COLOR	Light to medium light to medium brown soil.	Dark olive green trees. Light silver grey green shrubs. Golden tan to green grasses. Strong green mown areas.	Dark grey tower. Light to medium paved foreground roadway. Dark brown poles. White structures.
TEX-TURE	Smooth landforms.	Coarse trees and roadside grasses.	Smooth to medium foreground roadway and smooth structures and poles.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements	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: 07/22/2011

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

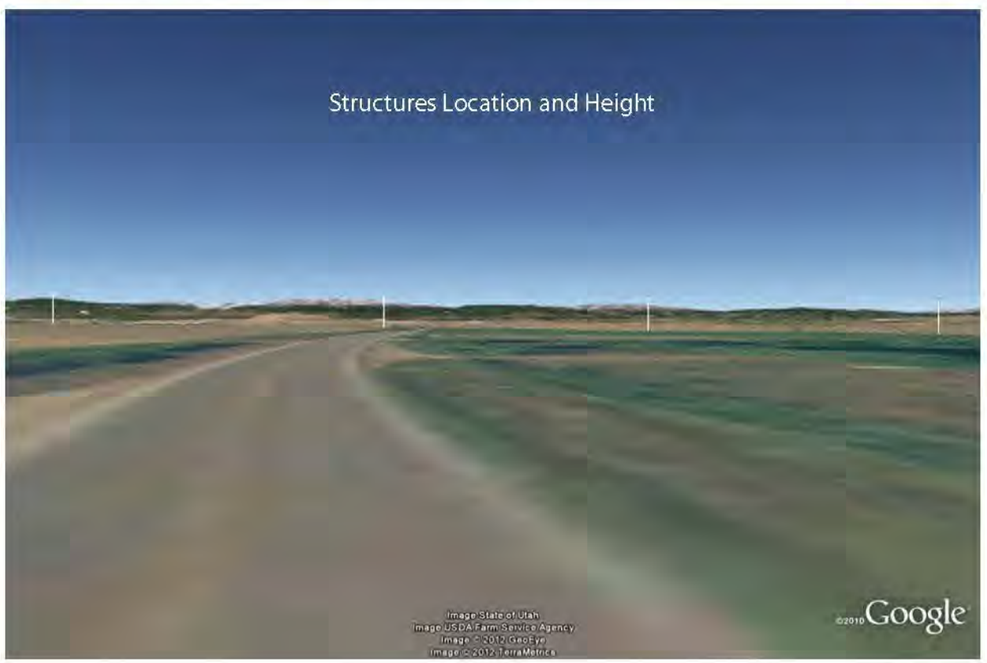
KOP Location

Feet
0 1,450 2,900 5,800

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP V-29
Utah State Hwy 87
Residential
(Segment 1321)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/22/2011
District Vernal FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
V-30

3. VRM Class
Private

4. Location Utah SH-87
Township 2S
Range 3W
Section 33

5. Location Sketch
Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Inclined rounded mountain ridges. Planar valley floor.	Organic clumps of roadside shrubs and grasses.	Strongly planar steel lattice tower, conductors, foreground roadway and cylindrical irrigation pipe.
LINE	Angular mountain skyline.	Curvilinear shrub edges. Indistinct roadside grasses.	Strongly horizontal foreground roadway. Vertical lattice towers and horizontal conductors.
COLOR	Light to medium light to medium brown soil.	Dark olive green trees. Light silver grey green shrubs. Golden tan to green grasses. Strong green mown areas.	Dark grey tower. Light to medium paved foreground roadway.
TEX-TURE	Smooth landforms.	Coarse trees and roadside grasses.	Coarse tower. Smooth to medium foreground roadway and smooth structures.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: 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: 07/22/2011

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 1,400 2,800 5,600 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP V-30
Utah State Hwy 87
(Segment 1320)

Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/22/2011
District Vernal FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: V-31
3. VRM Class: Private
4. Location: Utah State Highway 87; Township 2S; Range 4W; Section 31
5. Location Sketch: Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular mountain backdrop. Planar inclined and inclined side slopes.	Organic clumps of sagebrush and grasses.	Strongly planar foreground roadway and two sets of cylindrical poles.
LINE	Angular skyline and horizontal valley floor.	Indistinct sagebrush and grasses.	Strongly horizontal foreground roadway. Vertical power poles.
COLOR	Light to medium brown slopes.	Golden tan to brown grasses. Bluish silver green sagebrush.	Dark brown poles and light to medium grey paved roadway.
TEXTURE	Smooth landforms.	Coarse shrubs and grasses.	Smooth to medium foreground roadway and smooth poles.

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: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements	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: 07/22/2011

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

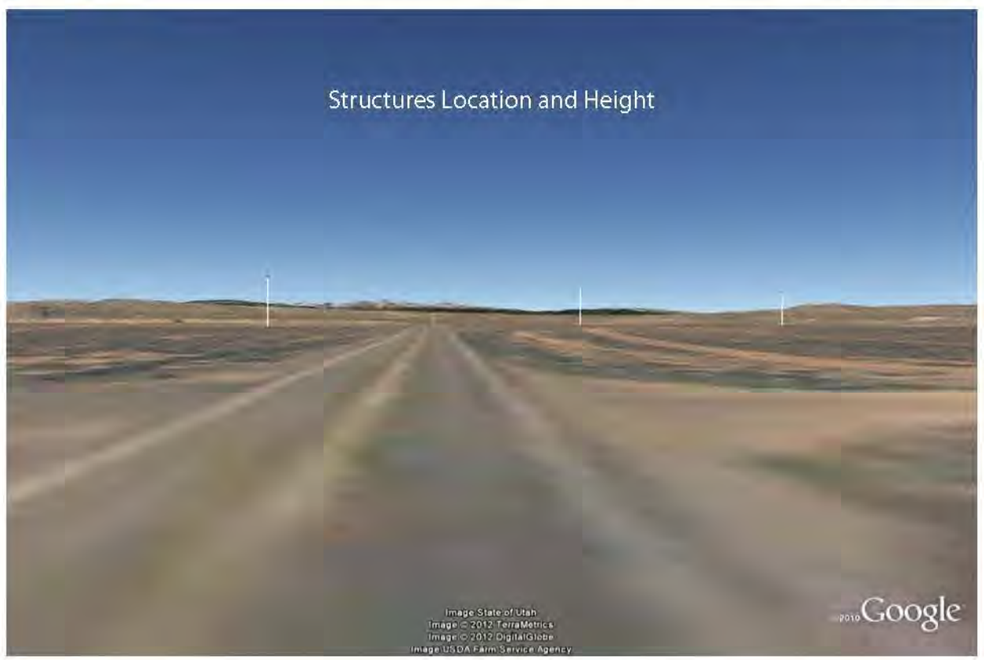
KOP Location

0 1,450 2,900 5,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP V-31
Utah State Hwy 87
(Segment 1321)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date	07/22/2011
District	Vernal FO
Resource Area	
Activity (program)	

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location Utah State Highway 87 Township 3S Range 4W Section 6	5. Location Sketch Please see Figure 3.12-2
2. Key Observation Point V-32		
3. VRM Class Private		

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular mountain backdrop. Planar inclined and inclined side slopes.	Organic clumps of sagebrush and grasses.	Strongly planar foreground roadway and two sets of cylindrical poles.
LINE	Angular skyline and horizontal valley floor.	Indistinct sagebrush and grasses.	Strongly horizontal foreground roadway. Vertical power poles.
COLOR	Light to medium brown slopes.	Golden tan to brown grasses. Bluish silver green sagebrush.	Dark brown poles and light to medium grey paved roadway.
TEXTURE	Smooth landforms.	Coarse shrubs and grasses.	Smooth to medium foreground roadway and smooth poles.

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: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements	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: 07/22/2011

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

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP V-32
Utah State Hwy 87
(Segment 1321)

Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date	07/22/2011
District	Vernal FO
Resource Area	
Activity (program)	

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location Utah State Highway 87 Township 3S Range 5W Section 1	5. Location Sketch Please see Figure 3.12-2
2. Key Observation Point V-33		
3. VRM Class Private		

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular mesa mountain backdrop. Planar inclined and inclined side slopes.	Organic clumps of pinyon-juniper, sagebrush and grasses.	Strongly planar foreground roadway and cylindrical poles. Cubed residential structures.
LINE	Angular skyline and horizontal valley floor.	Indistinct sagebrush and grasses.	Strongly curvilinear horizontal foreground roadway. Vertical power poles. Horizontal and vertical structures.
COLOR	Light to medium brown slopes.	Golden tan to brown grasses. Bluish silver green sagebrush.	Dark brown poles and light to medium grey paved roadway. White and grey residential structures.
TEX-TURE	Smooth landforms.	Coarse shrubs and grasses.	Smooth to medium foreground roadway and smooth poles.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements	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	Date
M. Paulson	07/22/2011

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

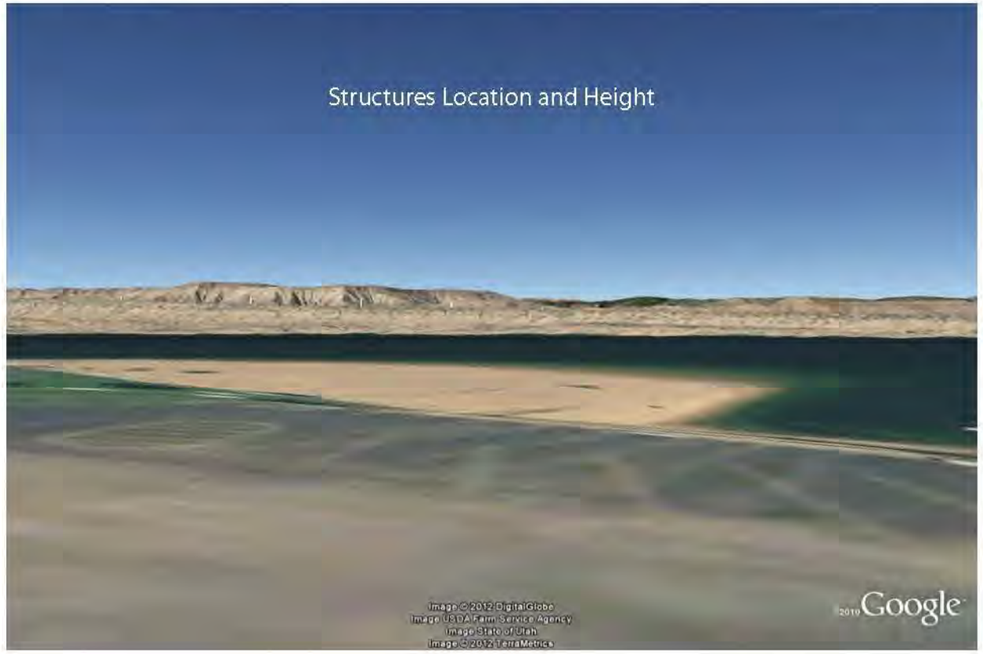
KOP Location

0 1,450 2,900 5,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP V-33
Utah State Hwy 87
(Segment 1321)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/22/2011
District Vernal FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: V-34
3. VRM Class: State Park
4. Location: Boat Launch-Campground; Township 3S; Range 5W; Section 28
5. Location Sketch: Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar water surface. Angular mesa mountain backdrop. Planar inclined and inclined side slopes.	Organic clumps of pinyon-juniper, sagebrush and grasses.	Strongly pyramidal foreground picnic structures. Multiple shapes of RVs.
LINE	Angular skyline and horizontal water surface edge.	Indistinct sagebrush and grasses.	Strongly angular, horizontal and vertical structures.
COLOR	Strongly blue water surface. Light to medium brown slopes.	Strongly dark and medium olive green trees. Golden tan to brown grasses.	Dark brown roofs and light to medium grey brown roadway. Multiple colors of RVs.
TEXTURE	Smooth water and landforms.	Coarse trees, shrubs and grasses.	Smooth to medium foreground roadway and smooth poles.

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: LAND/WATER BODY (1) Strong	Moderate	Weak	None	VEGETATION (2) Strong	Moderate	Weak	None	STRUCTURES (3) Strong	Moderate	Weak	None
Elements	Form										X		
	Line											X	
	Color											X	
	Texture											X	

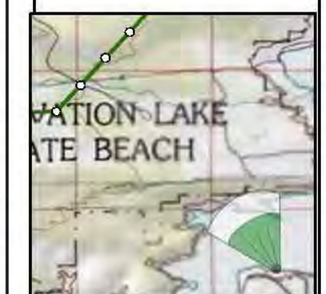
2. Does project design meet visual resource management objectives? ☐ Yes ☐ No (Explain on reverse side)

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

Evaluator's Names: M. Paulson
Date: 07/22/2011

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

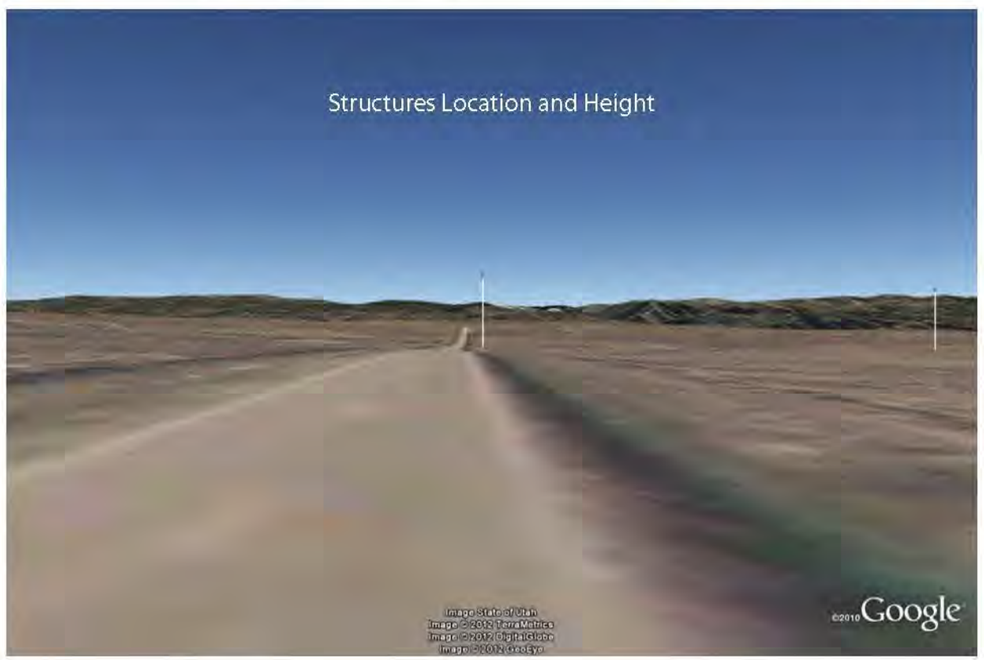


KOP Location

0 2,100 4,200 8,400 Feet

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP V-34
Boat Launch - Campground
(Segment 1321)



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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/22/2011
District Vernal FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
V-35

3. VRM Class
Private

4. Location Utah SH-208
Township 3S
Range 7W
Section 7

5. Location Sketch
Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Inclined rounded mountain ridges. Planar valley floor.	Organic clumps of shrubs and grasses. Continuous surface of pinyon-juniper in the background.	Strongly planar steel lattice tower, conductors, and foreground roadway. Cylindrical wooden poles.
LINE	Angular mountain skyline and horizontal valley floor.	Curvilinear shrub edges and edges of grass patterns.	Strongly horizontal foreground roadway. Vertical lattice towers and horizontal conductors.
COLOR	Light to medium light to medium brown rock and soil.	Dark olive green trees. Light silver grey green sage brush. Golden tan to green grasses.	Dark grey tower. Light to medium paved foreground roadway. Brown wooden poles.
TEXTURE	Smooth landforms, coarse geology.	Coarse trees and shrubs, and smooth grasses.	Coarse towers. Smooth to medium foreground roadway and smooth pole structures.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			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: LAND/WATER BODY (1) Strong	Moderate	Weak	None	VEGETATION (2) Strong	Moderate	Weak	None	STRUCTURES (3) Strong	Moderate	Weak	None
Elements	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: 07/22/2011

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

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP V-35
Utah State Hwy 208
(Segment 1321)

Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/22/2011
District Vernal FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
V-36

3. VRM Class
Private

4. Location Utah SH-208
Township 3S
Range 7W
Section 18

5. Location Sketch
Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Inclined rounded mountain ridges. Planar valley floor.	Organic clumps of trees, shrubs and grasses. Continuous surface of pinyon-juniper in the background.	Strongly planar steel lattice tower, conductors, and foreground roadway. Cylindrical wooden poles.
LINE	Angular mountain skyline, foreground ridgeline and horizontal valley floor.	Curvilinear tree and shrub edges and edges of grass patterns.	Strongly horizontal foreground roadway. Vertical lattice towers and horizontal conductors.
COLOR	Light to medium light to medium brown rock and soil.	Dark olive green trees. Light silver grey green sage brush. Golden tan to green grasses.	Dark grey tower. Light to medium paved foreground roadway. Brown wooden poles.
TEX-TURE	Smooth landforms, coarse geology.	Coarse trees and shrubs, and smooth grasses.	Coarse towers. Smooth to medium foreground roadway and smooth pole structures.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1) Strong	Moderate	Weak	None	VEGETATION (2) Strong	Moderate	Weak	None	STRUCTURES (3) Strong	Moderate	Weak	None
Elements	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: 07/22/2011

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

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP V-36
Utah State Hwy 208
(Segment 1321)

Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date	07/22/2011
District	Vernal FO
Resource Area	
Activity (program)	

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location US-40 Township 3S Range 9W Section 23	5. Location Sketch Please see Figure 3.12-2
2. Key Observation Point V-37		
3. VRM Class Private		

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar horizontal mountain ridges. Inclined planar side slopes. Planar valley floor.	Organic clumps of trees, shrubs and grasses. Continuous surface of pinyon-juniper in the background.	Planar steel lattice towers and strong foreground roadway. Cylindrical wood poles.
LINE	Horizontal mountain skyline, foreground ridgeline and horizontal valley floor.	Curvilinear tree and shrub edges and edges of grass patterns.	Strongly horizontal foreground roadway. Vertical and horizontal lattice towers.
COLOR	Light to medium light to medium brown rock and soil.	Dark olive green trees. Light silver grey green sage brush. Golden tan to green grasses.	Dark grey tower. Light to medium paved foreground roadway. Brown wooden poles. Multiple colored structures.
TEX-TURE	Smooth landforms, coarse geology.	Coarse trees and shrubs, and smooth grasses.	Coarse towers. Smooth to medium foreground roadway and smooth pole structures.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1) Strong	Moderate	Weak	None	VEGETATION (2) Strong	Moderate	Weak	None	STRUCTURES (3) Strong	Moderate	Weak	None
Elements	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: 07/22/2011

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 2,150 4,300 8,600 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP V-37
U.S. 40
(Segment 1321)

Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 10/17/2014
District Vernal FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
V-37-2

3. VRM Class
Private

4. Location U.S. 40 (eb)
Township 3S
Range 9W
Section 23

5. Location Sketch
Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar horizontal valley floor.	Organic clumps of shrubs and grasses.	Planar roadway, rectangular LDS church, and cylindrical electrical distribution lines.
LINE	Horizontal and slightly angular skyline, foreground ridgeline and horizontal valley floor.	Curvilinear shrub edges and edges of grass patterns.	Strongly horizontal foreground roadway. Vertical and horizontal church structure and vertical distribution lines.
COLOR	Light to medium light to medium brown rock and soil.	Light silver grey green sage brush. Golden tan to green grasses.	Light to medium paved foreground roadway. Brown wooden poles. White structure.
TEXTURE	Smooth landforms.	Coarse shrubs and smooth grasses.	Smooth to medium foreground roadway and building, and smooth poles.

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: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements	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: 10/17/2014

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 0.5 1 2 Miles

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP V-37-2
U.S. 40
(eastbound)
(Segment 1322.22)

Project Location

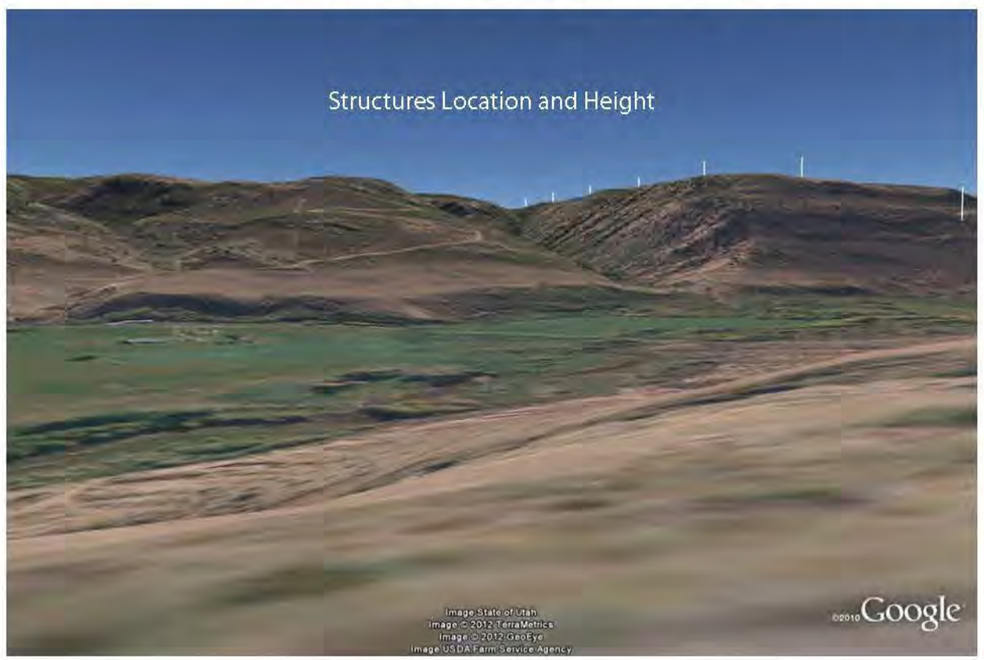
KOP Location

Miles
0 0.5 1 2

N
W E
S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP V-37-2
Simulated Condition
(Segment 1322.22)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 07/22/2011
District Vernal FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
V-38

3. VRM Class
Private

4. Location US-40
Township 3S
Range 9W
Section 22

5. Location Sketch
Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Rounded mountain ridges. Inclined planar side slopes. Planar valley floor.	Organic clumps of riparian and alpine trees, shrubs and grasses. Clumps of pinyon-juniper and shrubs.	Strongly planar steel lattice towers and weak conductors.
LINE	Curvilinear mountain skyline, angular side slopes and horizontal valley floor.	Curvilinear tree and shrub edges and edges of grass patterns. Linear sage brush pattern.	Vertical and horizontal lattice towers. Angular access roads.
COLOR	Light to medium light to medium brown rock and soil.	Dark olive green trees. Light silver grey green sage brush. Golden tan to green grasses.	Dark grey tower and light brown access roads.
TEX-TURE	Smooth landforms, coarse geology.	Coarse trees and shrubs, and smooth grasses.	Coarse towers. Smooth access roads.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements	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: 07/22/2011

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

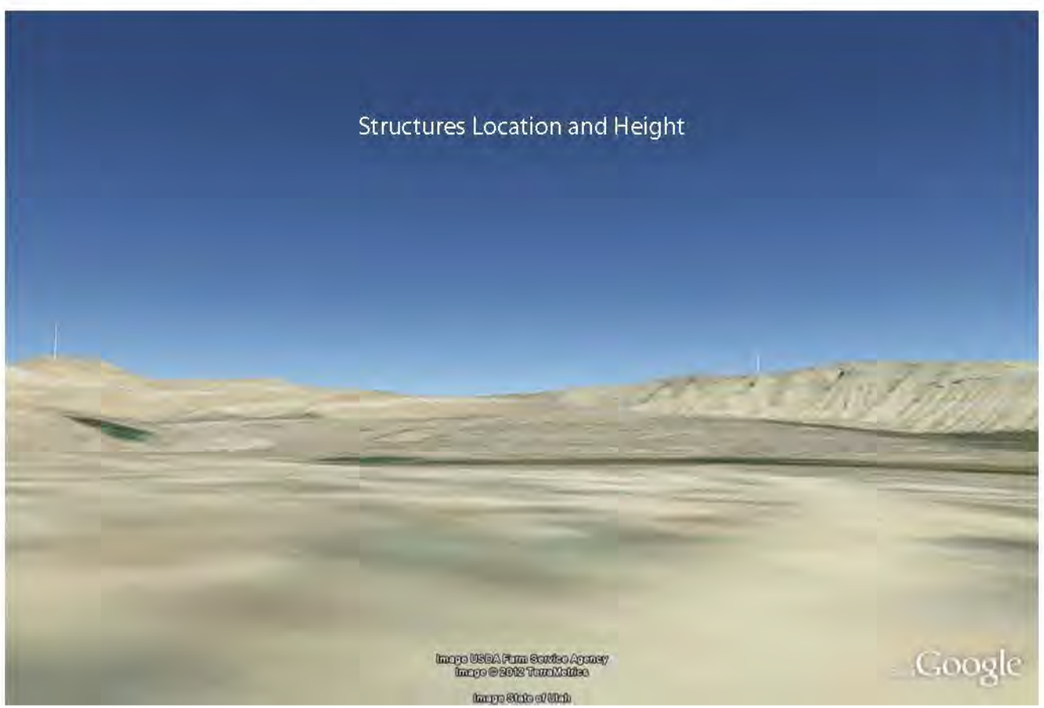
KOP Location

0 2,100 4,200 8,400 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP V-38
U.S. 40
(Segment 1321)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 9/28/11
District Vernal FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: V-43
3. VRM Class: II
4. Location: Fourmile Bottom; Township 10S; Range 19E; Section 19
5. Location Sketch: Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Bold, domed, rolling to rugged	Typically low except for scattered trees in riparian corridor	NA
LINE	Undulating, angular, diagonal, horizontal	Undulating and continuous in riparian corridor; weak and indistinct on hills	NA
COLOR	Tans, browns	Variety of greens, subtle tans	NA
TEXTURE	Medium to coarse grain	Fine to medium grain, dense in riparian corridor, sparse and random on hills	NA

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Low, rectangular clearings (tower pads)	Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		indistinct, broken, regular	Vertical steel lattice structures, angular guys, and curvilinear conductions.
COLOR		Sage greens, tans	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: LAND/WATER BODY (1) Strong	Moderate	Weak	None	VEGETATION (2) Strong	Moderate	Weak	None	STRUCTURES (3) Strong	Moderate	Weak	None
Elements: Form		X					X		X			
Elements: Line			X				X			X		
Elements: Color			X				X			X		
Elements: 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	Date
EPG	9/28/11
(Review and update as needed by M. Paulson)	7/24/12

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

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

Project Location

KOP Location

0 1,400 2,800 5,600 Feet

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP V-43
Fourmile Bottom
(Segment 1217.01)

Project Location

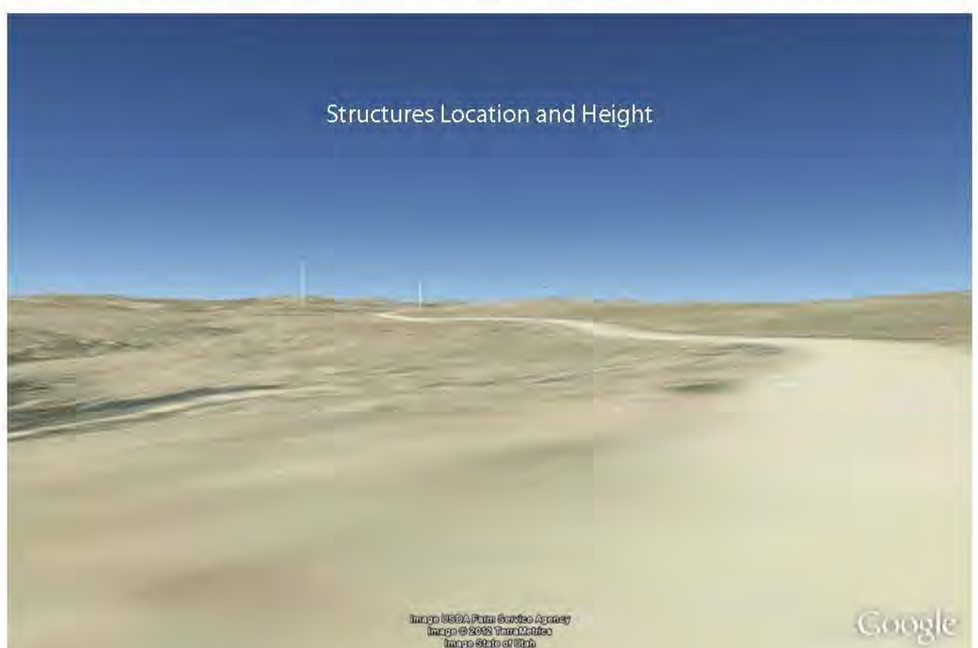
KOP Location

Feet
0 1,400 2,800 5,600

N
W E
S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP V-43
Simulated Condition
(Segment 1217.01)



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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date V-44
District Vernal FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
V-44

3. VRM Class
IV

4. Location Sand Wash
North Destination Route
Township 10S
Range 17E
Section 29

5. Location Sketch
Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Flat/rolling, simple	Low, amorphous patches and stippled areas	NA
LINE	Horizontal, undulating	Diffuse and butt edges between shrubland and grasslands	NA
COLOR	Monotone, beige, tans	Subtle, greens/yellows	NA
TEXTURE	Fine to medium grain	Fine grain	NA

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Low, rectangular clearings (tower pads)	Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Indistinct, broken, regular	Vertical steel lattice structures, angular guys, and curvilinear conductions.
COLOR		Sage greens, tans	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: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements	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	Date
EPG	9/28/11
(Review and update as needed by M. Paulson)	7/24/12

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

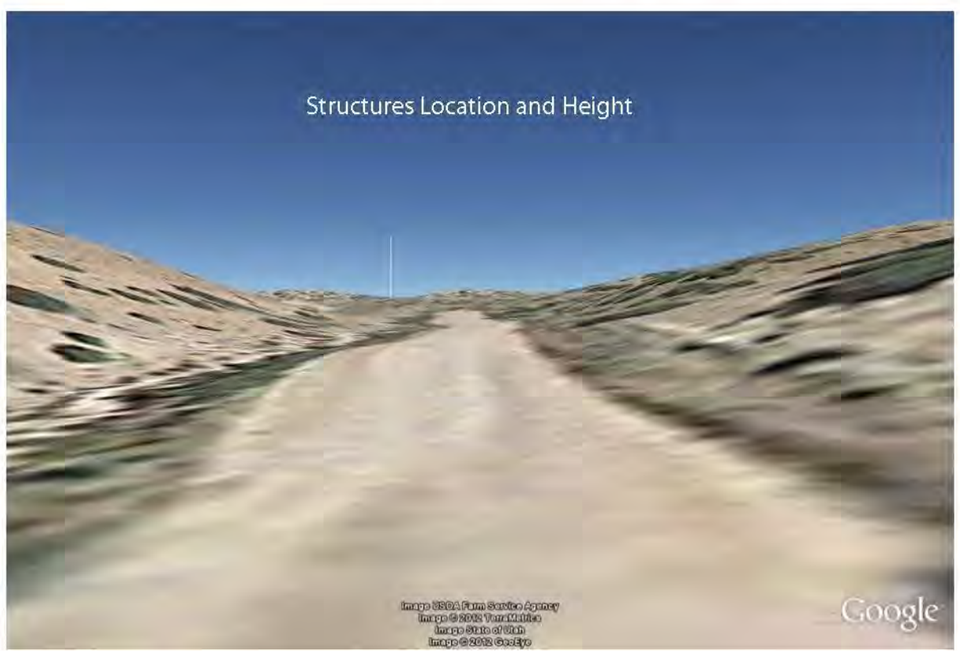
KOP Location

0 1,400 2,800 5,600 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP V-44
Sand Wash
North Destination Route
(Segment 1217.01)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 9/28/11
District Vernal FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: V-45
3. VRM Class: III
4. Location: Nine Mile Canyon Scenic Backway
Township 11S
Range 15E
Section 9
5. Location Sketch: Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Horizontal, rounded	Stippled, regular	NA
LINE	Continuous, horizontal, angular	Diffuse edges, continuous	NA
COLOR	Tans	Light tan (grasses), dark green (juniper)	NA
TEXTURE	Fine to medium grain	Medium grain, dense	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, butt edge	Vertical steel lattice structures, angular guys, and curvilinear conductions.
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: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements	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	Date
EPG	9/28/11
(Review and update as needed by M. Paulson)	7/24/12

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 vegeation 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 imapcts 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

0 1,400 2,800 5,600 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP V-45
Nine Mine Canyon
Scenic Backway
(Segment 1217.01)

Project Location

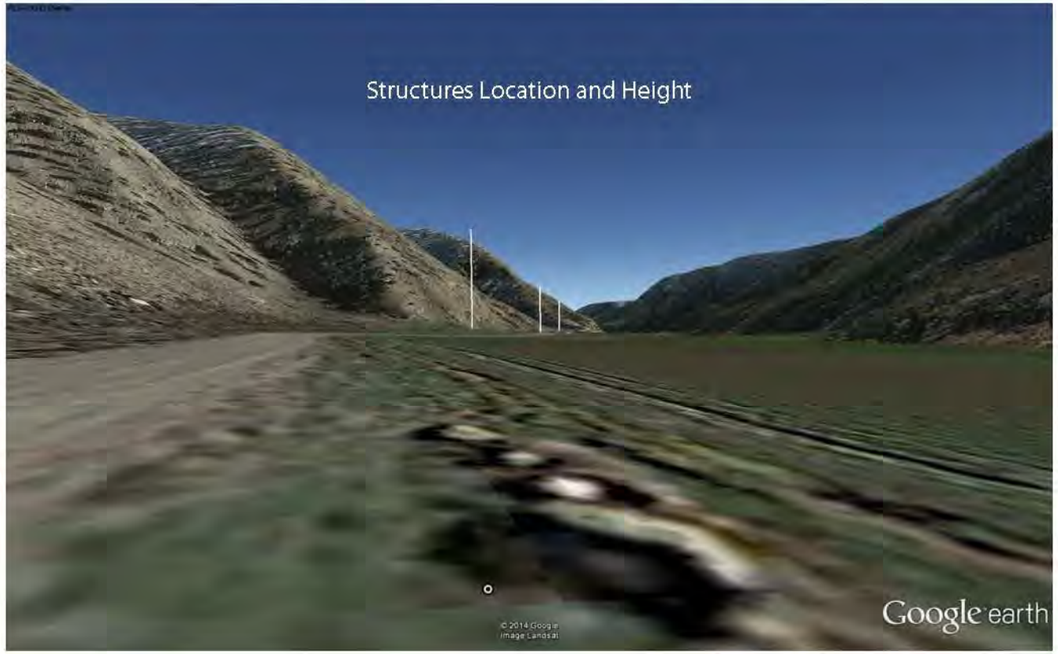
KOP Location

0 1,400 2,800 5,600 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP V-45
Simulated Condition
(Segment 1217.1)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 4/28/2014
District Vernal FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: V-46
3. VRM Class: III
4. Location: Argyle Canyon Ranch; Township 11S; Range 13E; Section 27
5. Location Sketch: Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	V-shaped, bold, steep, level valley	Numerous, irregular	NA
LINE	Diagonal, angular, jagged, horizontal	Broken, flowing, angular	NA
COLOR	Tans and greys	Variety of greens, tans, little seasonal variation	NA
TEXTURE	Medium, granular, fine grain in valley	Random, scattered, fine to medium grain	NA

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Low, rectangular clearings (tower pads)	Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Indistinct, broken, regular	Vertical steel lattice structures, angular guys, and curvilinear conductions.
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

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1) Strong	Moderate	Weak	None	VEGETATION (2) Strong	Moderate	Weak	None	STRUCTURES (3) Strong	Moderate	Weak	None
Elements	Form							X		X			
	Line						X			X			
	Color							X		X			
	Texture							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: M. Paulson
Date: 4/28/2014

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 vegeation 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 imapcts 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

0 1,400 2,800 5,600 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP V-46
Argyle Canyon Ranch
(Segment 1217.01)

Project Location

KOP Location

0 1,400 2,800 5,600 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP V-46
Simulated Condition
(Segment 1217.01)

KOP Photograph

Structures Location and Height

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(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 10/10/11
District Vernal FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: V-47
3. VRM Class: III
4. Location: Enron Rec. Area (on White River)
Township 9S
Range 22E
Section 28
5. Location Sketch: Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Horizontal, rolling to steep	Band along riparian corridor, stippled canyon walls	Moderately tall, vertical, geometric, transparent (temporary)
LINE	Continuous, curving, flowing, horizontal, parallel	Butt edge between riparian vegetation and canyon wall	Vertical, complex (temporary)
COLOR	Reflective, grey-green, browns, reds	Variety of greens, tans	Gray (temporary)
TEXTURE	Fine, glossy, rippled, medium to coarse grain canyon walls	Medium to coarse grain	Coarse grain (temporary)

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Low, rectangular clearings (tower pads)	Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Indistinct, broken, regular	Vertical steel lattice structures, angular guys, and curvilinear conductions.
COLOR		Sage greens, tans	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: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form			X				X		X			
Elements: Line		X					X		X			
Elements: Color			X				X		X			
Elements: 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	Date
EPG	10/10/11
(Review and update as needed by M. Paulson)	7/24/12

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 vegeation 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 imapcts 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

Feet
0 1,400 2,800 5,600

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP V-47
Enron Recreation Area
(on White River)
(Segment 1217.01)

Project Location

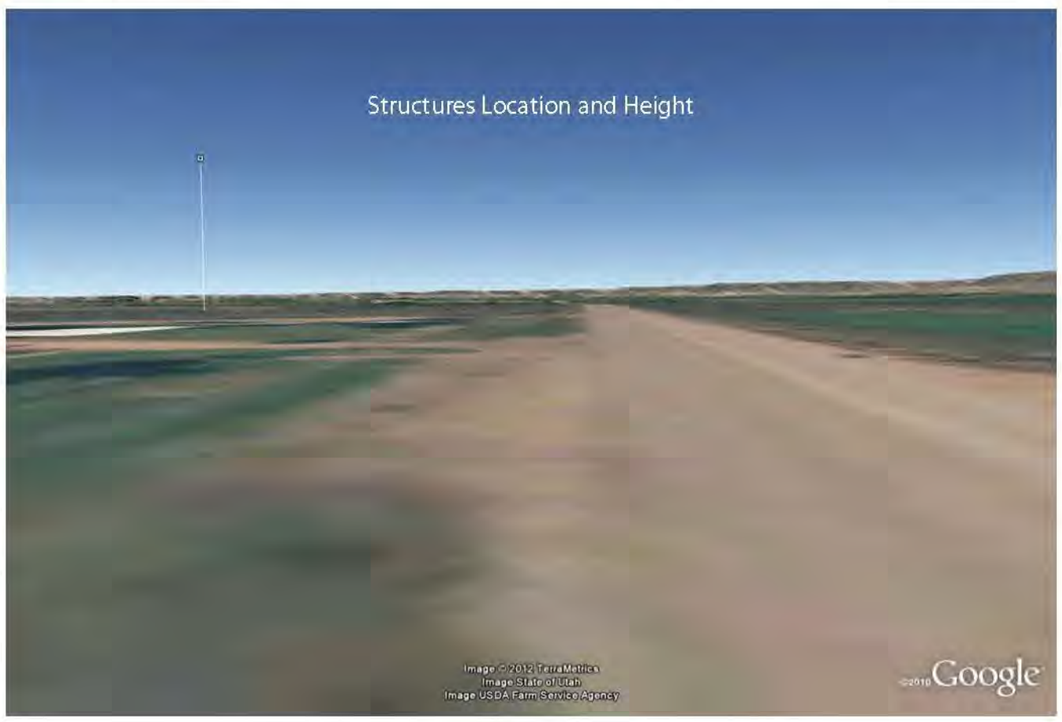
KOP Location

0 1,400 2,800 5,600 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP V-47
Simulated Condition
(Segment 1217.01)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 9/28/11
District Vernal FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: V-48
3. VRM Class: Private
4. Location: Bridgeland Residential
Township 4S
Range 3W
Section 4
5. Location Sketch: Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Flat, indistinct	Amorphous, irregular	Moderately tall, vertical, geometric
LINE	Horizontal, curving	Butt edge between riparian vegetation and agricultural fields	Angular, concave, horizontal
COLOR	Tans, greys	Variety of greens (deep greens, sage greens, medium greens) and tans	Gray, brown
TEXTURE	Fine grain	Fine to medium grain	Coarse grain, sparse density, matted, uniform, ordered

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 conductions.
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: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements	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	Date
EPG	9/28/11
(Review and update as needed by M. Paulson)	7/24/12

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

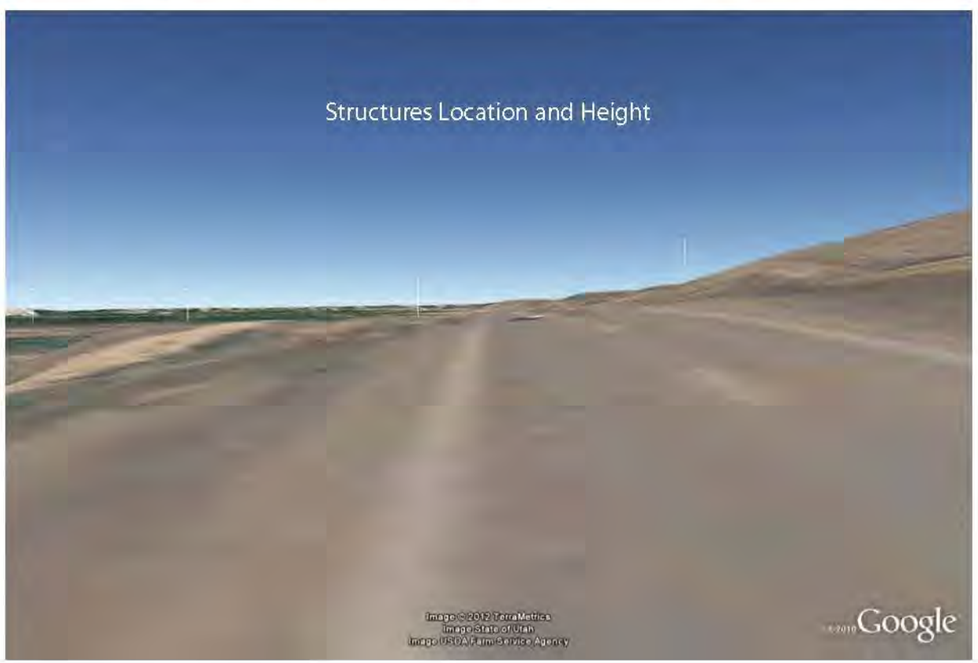
KOP Location

0 1,400 2,800 5,600 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP V-48
Bridgeland
Residential
(Segment 1325.1)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 9/28/11
District Vernal FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: V-49
3. VRM Class: Private
4. Location: US-40 South of Bridgeland)
Township 4S
Range 3W
Section 8
5. Location Sketch: Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Flat/rolling, rounded	Los, amorphous patches and stippled areas	Moderately tall, vertical, geometric
LINE	Horizontal, undulating, continuous	Weak indistinct and diffuse edges	Angular, concave, horizontal
COLOR	Beige, tans	Subtle, greens, tans, bright greens along riparian corridor	Brown
TEX-TURE		Fine to medium grain	Medium grain, medium density, matted, uniform, ordered

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 conductions.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements	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	Date
EPG	9/28/11
(Review and update as needed by M. Paulson)	7/24/12

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 1,400 2,800 5,600 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP V-49
U.S. Hwy 40
(South of Bridgeland)
(Segment 1325.1)

Form 8400-4
(September 1985)

UNITED STATES
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BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 5/21/09
District Vernal FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
V-50

3. VRM Class
Private

4. Location Dispersed Residences S of Duchesne
Township 4S
Range 4W
Section 20

5. Location Sketch
Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Horizontal, rounded	Amorphous patches	Moderately tall, vertical, geometric
LINE	Continuous, horizontal	Diffuse to butt edges from juniper stands	Complex, angular, concave, horizontal
COLOR	Tans	Light tan (grasses), dark green (juniper)	Brown
TEXTURE	Fine to medium	Fine to patchy, coarse	Fine grain, sparse density, matted, uniform, ordered

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 conductions.
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: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements	Form			X			X				X		
	Line			X				X			X		
	Color			X				X				X	
	Texture			X				X				X	

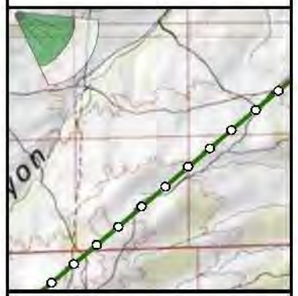
2. Does project design meet visual resource management objectives? ☐ Yes ☐ No (Explain on reverse side)

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

Evaluator's Names	Date
EPG	5/21/09
(Review and update as needed by M. Paulson)	7/24/12

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



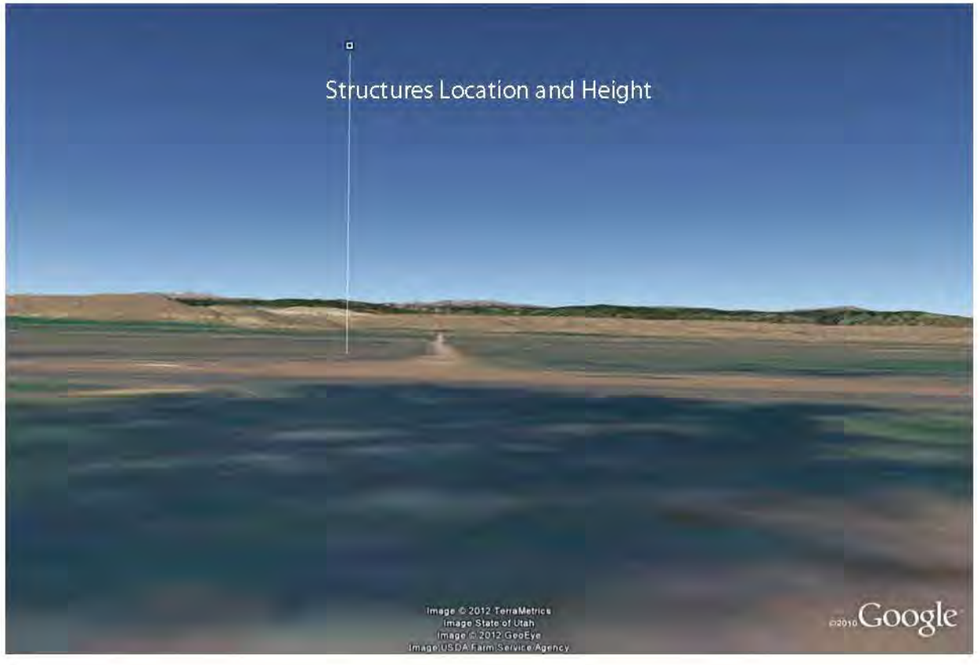
KOP Location

0 2,500 5,000 10,000 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP V-50
Dispersed Residences
South of Duchesne
(Segment 1325.1)



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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 9/29/11
District Vernal FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: V-51
3. VRM Class: Private
4. Location: Ioka Residential; Township 3S; Range 2W; Section 5
5. Location Sketch: Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Flat, horizontal, slightly rolling, plateaus	Low and flat to tall, vertical	Tall, vertical, geometric, transparent
LINE	Weak, horizontal	Regular, vertical, horizontal, butt edges	Complex, angular, concave, horizontal
COLOR	Browns, reds	Vivid greens, tans	Reflective, grey
TEX-TURE	Fine grain, smooth	Fine grained grasslands; dense, medium grained trees	Medium grain, sparse density, matted, uniform, ordered

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 conductions.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-TURE			Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1) Strong	Moderate	Weak	None	VEGETATION (2) Strong	Moderate	Weak	None	STRUCTURES (3) Strong	Moderate	Weak	None
Elements	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	Date
EPG	9/29/11
(Review and update as needed by M. Paulson)	7/24/12

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

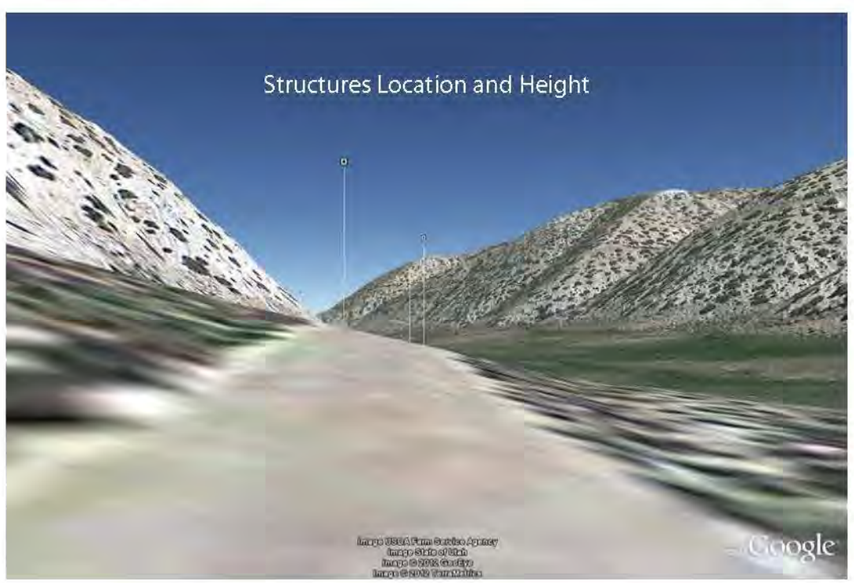
KOP Location

0 700 1,400 2,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP V-51
Ioka Residential
(Segment 1320.05)



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DEPARTMENT OF THE INTERIOR
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VISUAL CONTRAST RATING WORKSHEET

Date 9/27/11
District Vernal FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: V-52
3. VRM Class: USFS VQO Modification
4. Location: Sowers Canyon Road; Township 6S; Range 5W; Section 8
5. Location Sketch: Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	V-shaped, bold, steep, level valley.	Numerous, irregular.	Moderately tall, vertical, geometric H-frame.
LINE	Diagonal, angular, jagged, horizontal.	Butt and diffuse edges.	Vertical, horizontal H-frame.
COLOR	Tans, beiges.	Variety of greens, tans, little seasonal variation.	Brown H-frame.
TEXTURE	Medium, granular, fine grain in valley.	Random, scattered, fine to medium grain.	Coarse grain, sparse density, ordered.

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 conductions.
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: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements	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)

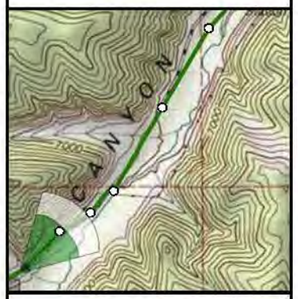
3. Additional mitigating measures recommended ☐ Yes ☑ No (Explain on reverse side)

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

Rationale:
The Project would be consistent with VQO Modification management objectives. This management objective allows for moderate alternations to the landscape. Mitigation measures (VR-1, VR-3, VR-4, VR-5, VR-6, 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

0 750 1,500 3,000 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP V-52
Sowers Canyon Road
(Segment 1325.1)

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 4/28/2014
District Vernal FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
V-53

3. VRM Class
Private

4. Location US-191 (SB) and Argyle Canyon Rd.
Township 11S
Range 10W
Section 12

5. Location Sketch
Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	V-shaped, bold, steep, level valley.	Blanket of spruce/fir and scattered aspen.	Planar, US-191.
LINE	Diagonal, angular, jagged, horizontal.	Irregular and organic clumps.	Curvilinear, US-191.
COLOR	Tans, beiges.	Dark to light greens and seasonal yellow/golds.	Grays, US-191.
TEXTURE	Medium, granular, fine grain in valley.	Coarse to medium.	Fine, US-191.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, self-supporting structures, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductions.
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: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements	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: 4/28/201

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

Feet
0 1,400 2,800 5,600

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP V-53
US-191 (SB)
and Argyle Canyon Road
(Segment 1219.2)

Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 4/28/2014
District Vernal FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: V-54
3. VRM Class: Private
4. Location: US-191 (NB); Township 11S; Range 10W; Section 12
5. Location Sketch: Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	V-shaped, bold, steep, level valley.	Blanket of spruce/fir and scattered aspen.	Planar, US-191.
LINE	Diagonal, angular, jagged, horizontal.	Irregular and organic clumps.	Curvilinear, US-191.
COLOR	Tans, beiges.	Dark to light greens and seasonal yellow/golds.	Grays, US-191.
TEXTURE	Medium, granular, fine grain in valley.	Coarse to medium.	Fine, US-191.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, self-supporting structures, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductions.
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: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements	Form									X			
	Line										X		
	Color										X		
	Texture										X		

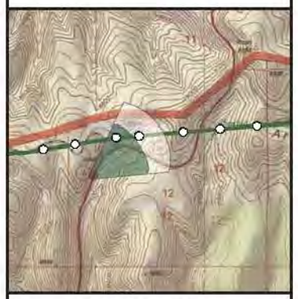
2. Does project design meet visual resource management objectives? ☐ Yes ☐ No (Explain on reverse side)

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

Evaluator's Names: M. Paulson
Date: 4/28/14

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



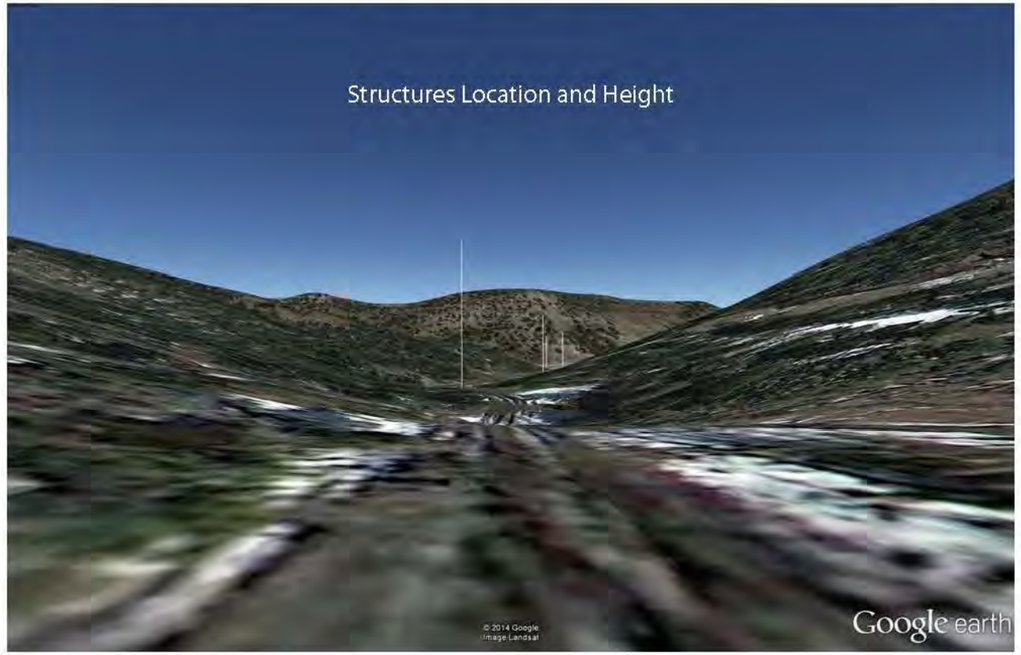
KOP Location

0 1,400 2,800 5,600 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP V-54
US-191
(northbound)
(Segment 1219.2)



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(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 10/12/2014
District Vernal FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: V-55
3. VRM Class: Private
4. Location: Timberlane Road (NB); Township 11S; Range 11E; Section 7
5. Location Sketch: Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	V-shaped, bold, steep, level valley.	Numerous, irregular aspen and spruce forest.	Planar, Timberlane Road.
LINE	Diagonal, angular, jagged, horizontal.	Butt and diffuse edges and numerous, irregular aspen and spruce forest.	Curvilinear, Timberlane Road.
COLOR	Tans, beiges.	Variety of greens, tans, little seasonal variation. Numerous, irregular aspen and spruce forest.	Grays, Timberlane Road.
TEXTURE	Medium, granular, fine grain in valley.	Random, scattered, fine to medium grain. Numerous, irregular aspen and spruce forest.	Fine, Timberlane Road.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Planar ROW clearing of aspen and spruce forest.	Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Horizontal and vertical lines of ROW clearing.	Vertical steel lattice structures, angular guys, and curvilinear conductions.
COLOR		Grass greens and tans to browns of ROW.	Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE		Smooth ROW clearing.	Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements	Form					X				X			
	Line					X					X		
	Color					X					X		
	Texture					X					X		

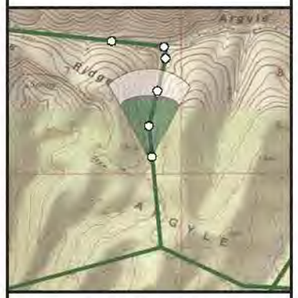
2. Does project design meet visual resource management objectives? ☐ Yes ☐ No (Explain on reverse side)

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

Evaluator's Names: M. Paulson
Date: 10/12/14

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

Feet
0 1,400 2,800 5,600

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP V-55
Timberlane Road
(northbound)
(Segment 1219.2)

Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 4/28/2014
District Vernal FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: V-56
3. VRM Class: Class III
4. Location: Reservation Ridge Road (WB)
Township 7S
Range 8W
Section 16
5. Location Sketch: Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	V-shaped, bold, steep, level valley.	Blanket of spruce/fir and scattered aspen.	Planar, Reservation Ridge Road.
LINE	Diagonal, angular, jagged, horizontal.	Irregular and organic clumps.	Curvilinear, Reservation Ridge Road.
COLOR	Tans, beiges.	Dark to light greens and seasonal yellow/golds.	Grays, Reservation Ridge Road.
TEXTURE	Medium, granular, fine grain in valley.	Coarse to medium.	Fine, Reservation Ridge Road.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Planar ROW clearing of aspen and spruce forest.	Pyramidal steel lattice structures and guys, self-supporting structures, and tubular conductors.
LINE		Horizontal and vertical lines of ROW clearing.	Vertical steel lattice structures, angular guys, and curvilinear conductions.
COLOR		Grass greens and tans to browns of ROW.	Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE		Smooth ROW clearing.	Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements	Form					X				X			
	Line					X				X			
	Color					X					X		
	Texture						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: M. Paulson
Date: 4/28/2014

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 vegeation 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 imapcts 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

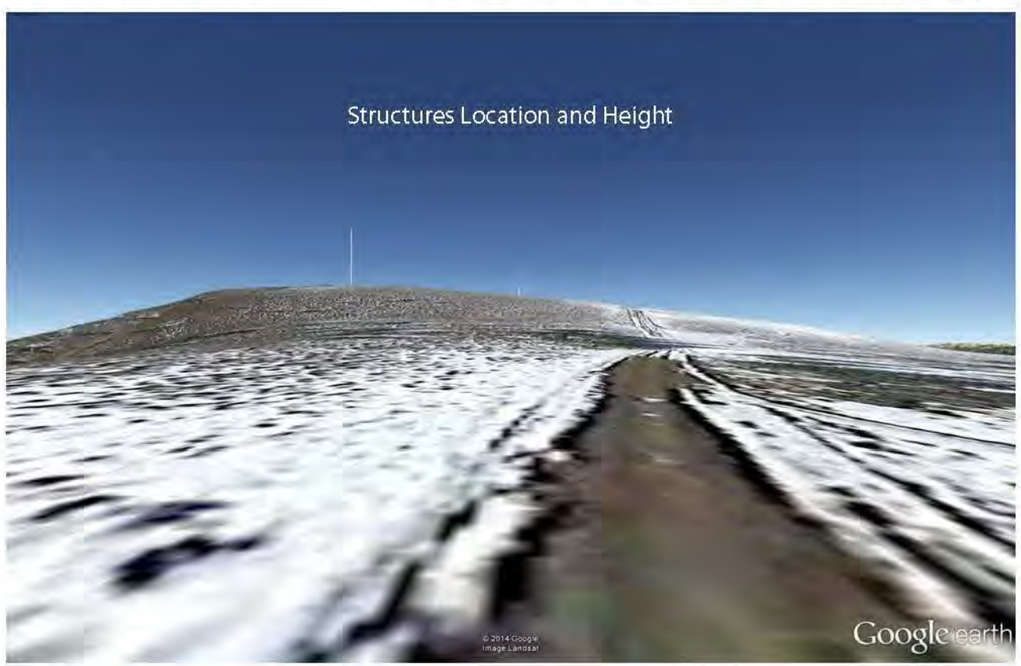
KOP Location

0 1,400 2,800 5,600 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP V-56
Reservation Ridge Road
(westbound)
(Segment 1219.2)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 4/28/2014
District Vernal FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: V-58
3. VRM Class: Class III
4. Location: Reservation Ridge Road (WB); Township 11S; Range 9E; Section 11
5. Location Sketch: Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	V-shaped, bold, steep, level valley.	Blanket of spruce/fir and scattered aspen.	Planar, Reservation Ridge Road.
LINE	Diagonal, angular, jagged, horizontal.	Irregular and organic clumps.	Curvilinear, Reservation Ridge Road.
COLOR	Tans, beiges.	Dark to light greens and seasonal yellow/golds.	Grays, Reservation Ridge Road.
TEXTURE	Medium, granular, fine grain in valley.	Coarse to medium.	Fine, Reservation Ridge Road.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Planar ROW clearing of aspen and spruce forest.	Pyramidal steel lattice structures and guys, self-supporting structures, and tubular conductors.
LINE		Horizontal and vertical lines of ROW clearing.	Vertical steel lattice structures, angular guys, and curvilinear conductions.
COLOR		Grass greens and tans to browns of ROW.	Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE		Smooth ROW clearing.	Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements	Form					X				X			
	Line					X					X		
	Color					X					X		
	Texture						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: M. Paulson
Date: 4/28/2014

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 vegeation 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 imapcts 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

0 1,400 2,800 5,600 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP V-58
Reservation Ridge Road
(westbound)
(Segment 1219.2)

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 4/28/2014
District Vernal FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: V-59
3. VRM Class: Private
4. Location: US-191 (NB); Township 11S; Range 10E; Section 35
5. Location Sketch: Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	V-shaped, bold, steep, level valley.	Numerous, irregular.	
LINE	Diagonal, angular, jagged, horizontal.	Butt and diffuse edges.	
COLOR	Tans, beiges.	Variety of greens, tans, little seasonal variation.	
TEXTURE	Medium, granular, fine grain in valley.	Random, scattered, fine to medium grain.	

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, self-supporting structures, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, self-supporting structures, and curvilinear conductions.
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: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form									X			
Elements: Line									X			
Elements: Color										X		
Elements: 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: 4/28/14

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

Feet
0 1,400 2,800 5,600

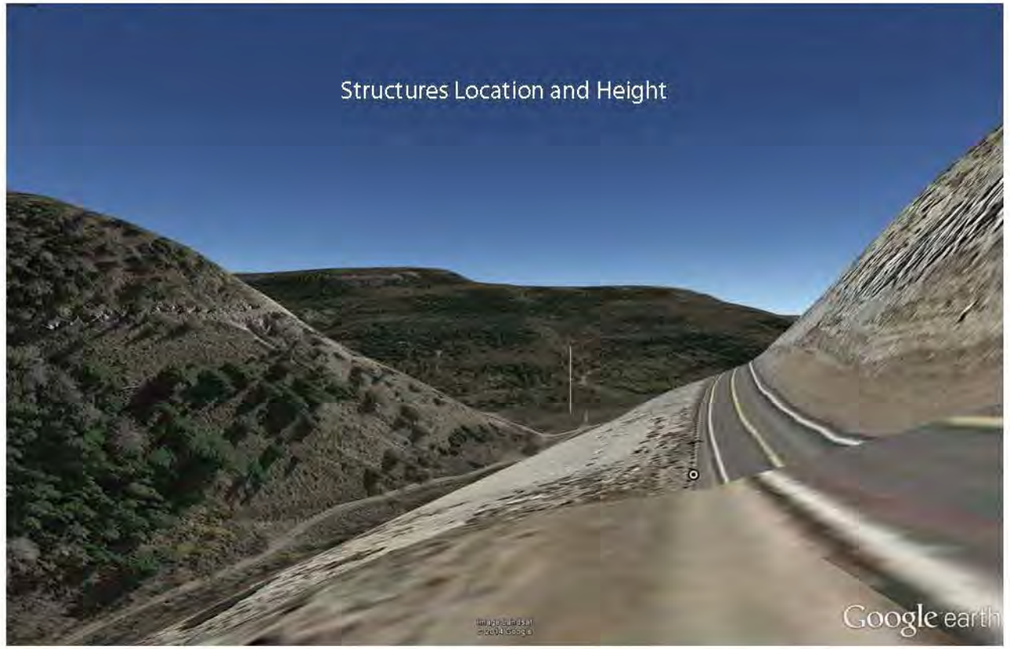
N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP V-59
US-191
(northbound)
(Segment 1217.051)

KOP Photograph

Structures Location and Height



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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 4/28/2014
District Vernal FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: V-60
3. VRM Class: III
4. Location: Reservation Ridge Road (WB); Township 11S; Range 10E; Section 23
5. Location Sketch: Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	V-shaped, bold, steep, level valley.	Blanket of spruce/fir and scattered aspen.	Planar, Reservation Ridge Road.
LINE	Diagonal, angular, jagged, horizontal.	Irregular and organic clumps.	Curvilinear, Reservation Ridge Road.
COLOR	Tans, beiges.	Dark to light greens and seasonal yellow/golds.	Grays, Reservation Ridge Road.
TEXTURE	Medium, granular, fine grain in valley.	Coarse to medium.	Fine, Reservation Ridge Road.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Planar ROW clearing of aspen and spruce forest.	Pyramidal steel lattice structures and guys, self-supporting structures, and tubular conductors.
LINE		Horizontal and vertical lines of ROW clearing.	Vertical steel lattice structures, angular guys, and curvilinear conductions.
COLOR		Grass greens and tans to browns of ROW.	Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE		Smooth ROW clearing.	Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: 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)

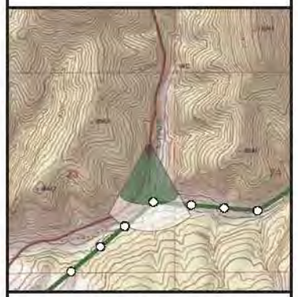
3. Additional mitigating measures recommended ☐ Yes ☑ No (Explain on reverse side)

Evaluator's Names: M. Paulson
Date: 4/28/2014

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 vegeation 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 imapcts 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



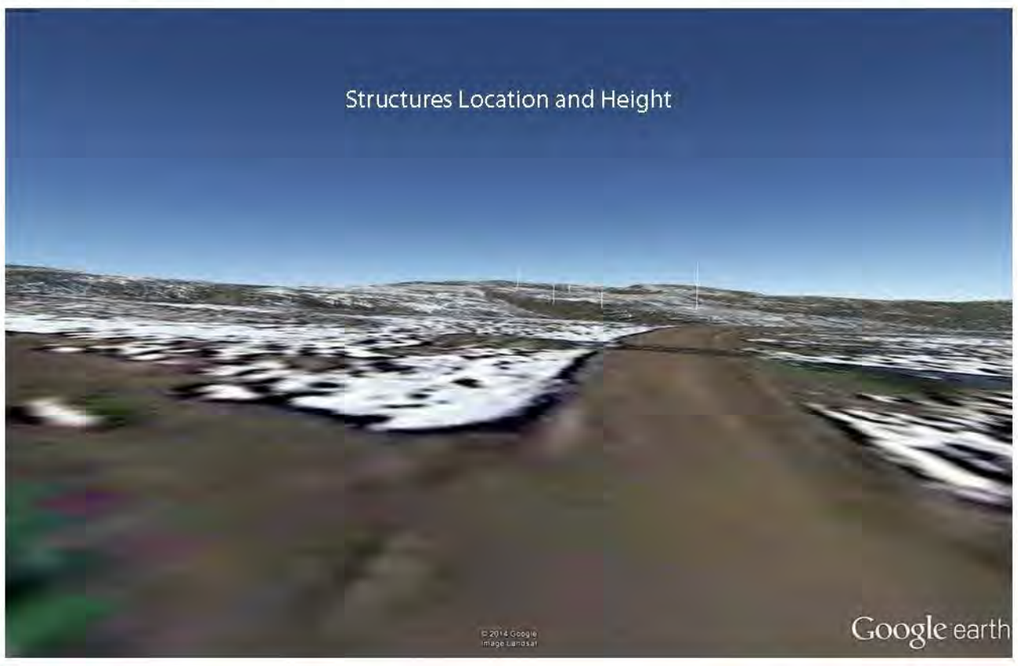
KOP Location

Feet
0 1,400 2,800 5,600

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP V-60
Reservation Ridge Road
(westbound)
(Segment 1219.6)



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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 04/28/2014
District Vernal FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: V-61
3. VRM Class: Private
4. Location: Timberlane Road (WB)
Township 7S
Range 9W
Section 13
5. Location Sketch: Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	V-shaped, bold, steep, level valley.	Numerous, irregular.	Planar, Timberlane Road.
LINE	Diagonal, angular, jagged, horizontal.	Butt and diffuse edges.	Curvilinear, Timberlane Road.
COLOR	Tans, beiges.	Variety of greens, tans, little seasonal variation.	Tans, Timberlane Road.
TEXTURE	Medium, granular, fine grain in valley.	Random, scattered, fine to medium grain.	Fine, Timberlane Road.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Planar ROW clearing of spruce forest.	Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Horizontal and vertical lines of ROW clearing.	Vertical steel lattice structures, angular guys, and curvilinear conductions.
COLOR		Grass greens and tans to browns of ROW.	Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE		Smooth ROW clearing.	Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements	Form					X				X			
	Line					X				X			
	Color						X				X		
	Texture						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: M. Paulson
Date: 04/28/14

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

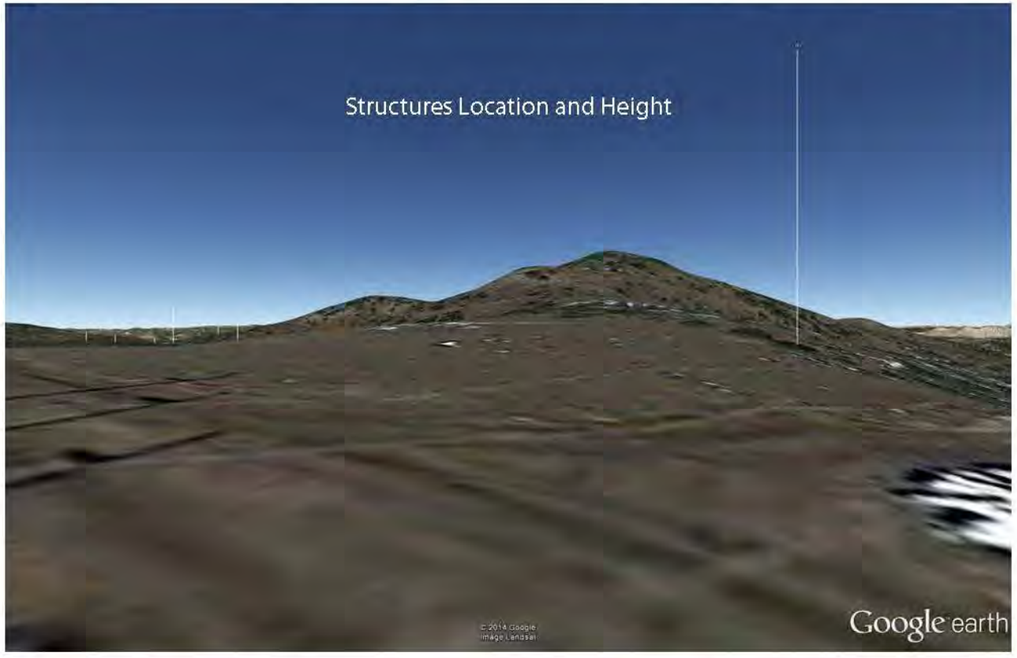
KOP Location

Feet
0 1,400 2,800 5,600

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP V-61
Timberlane Road
(westbound)
(Segment 1219.2)



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(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 4/28/2014
District Vernal FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: V-62
3. VRM Class: Private
4. Location: Reservation Ridge Road (WB); Township 11S; Range 10E; Section 17
5. Location Sketch: Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	V-shaped, bold, steep, level valley.	Blanket of spruce/fir and scattered aspen.	Planar, Reservation Ridge Road.
LINE	Diagonal, angular, jagged, horizontal.	Irregular and organic clumps.	Curvilinear, Reservation Ridge Road.
COLOR	Tans, beiges.	Dark to light greens and seasonal yellow/golds.	Grays, Reservation Ridge Road.
TEXTURE	Medium, granular, fine grain in valley.	Coarse to medium.	Fine, Reservation Ridge Road.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Planar ROW clearing of aspen and spruce forest.	Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Horizontal and vertical lines of ROW clearing.	Vertical steel lattice structures, angular guys, and curvilinear conductions.
COLOR		Grass greens and tans to browns of ROW.	Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE		Smooth ROW clearing.	Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements	Form					X				X			
	Line					X					X		
	Color					X					X		
	Texture						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: M. Paulson
Date: 4/28/14

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

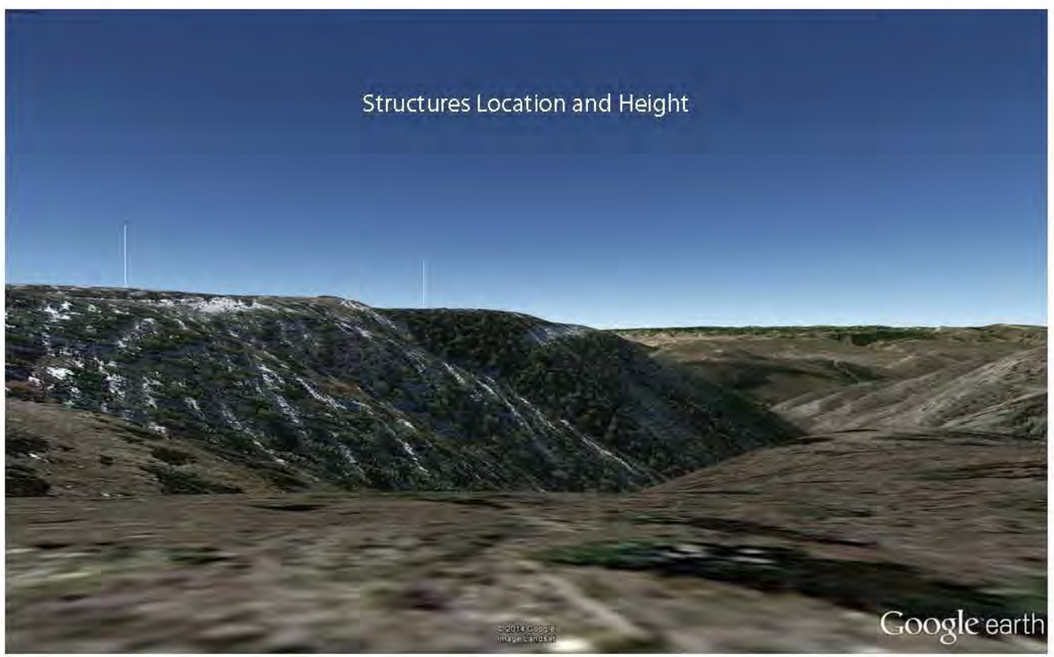
KOP Location

0 1,400 2,800 5,600 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP V-62
Reservation Ridge Road
(westbound)
(Segment 1325.2)



Form 8-400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 04/28/2014
District Vernal FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
V-63

3. VRM Class
Private

4. Location Timberlane Road (EB)
Township 11S
Range 11E
Section 17

5. Location Sketch
Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	V-shaped, bold, steep, level valley.	Blanket of spruce/fir and scattered aspen.	Planar, Timberlane Road.
LINE	Diagonal, angular, jagged, horizontal.	Irregular and organic clumps.	Curvilinear, Timberlane Road. Horizontal and Vertical H-frames.
COLOR	Tans, beiges.	Dark to light greens and seasonal yellow/golds.	Tans, Timberlane Road. Brown H-frame.
TEXTURE	Medium, granular, fine grain in valley.	Coarse to medium.	Fine, Timberlane Road. H-frame.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Planar ROW clearing of spruce forest.	Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Horizontal and vertical lines of ROW clearing.	Vertical steel lattice structures, angular guys, and curvilinear conductions.
COLOR		Grass greens and tans to browns of ROW.	Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE		Smooth ROW clearing.	Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements	Form					X				X			
	Line					X				X			
	Color					X					X		
	Texture						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: M. Paulson
Date: 04/28/14

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

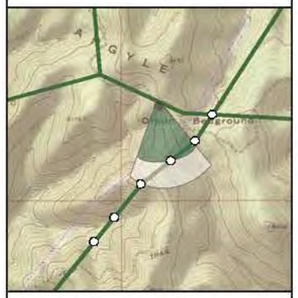
0 1,400 2,800 5,600 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP V-63
Timberlane Road
(eastbound)
(Segment 1219.1)

Project Location



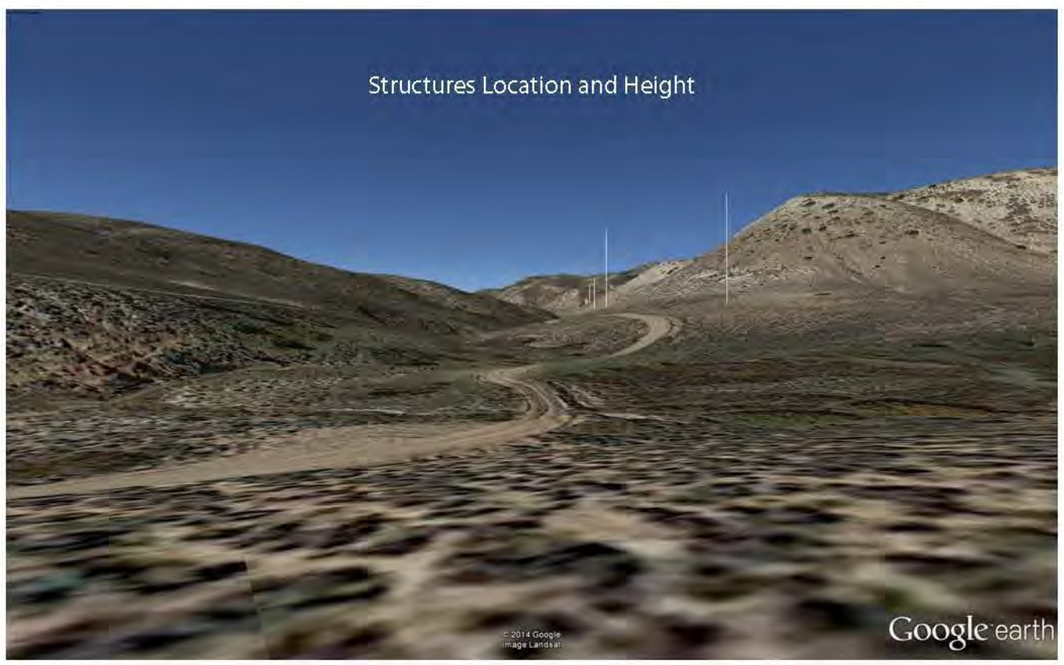
KOP Location

0 1,400 2,800 5,600 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP V-63
Simulated Condition
(Segment 1219.1)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 4/28/2014
District Vernal FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: V-64
3. VRM Class: State of Utah
4. Location: Sowers Canyon Road; Township 11S; Range 10E; Section 27
5. Location Sketch: Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	V-shaped, bold, steep.	Numerous, irregular.	
LINE	Diagonal, angular, jagged, horizontal.	Butt and diffuse edges.	
COLOR	Tans, beiges.	Variety of greens, tans, little seasonal variation.	
TEXTURE	Medium, granular, fine grain in valley.	Random, scattered, fine to medium grain.	

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM		Planar ROW clearing.	Pyramidal steel lattice structures and guys, and tubular conductors.
LINE		Horizontal and vertical ROW clearing.	Vertical steel lattice structures, angular guys, and curvilinear conductions.
COLOR		Green and brown grass edges in ROW.	Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE		Smooth ROW.	Coarse steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements	Form					X				X			
	Line					X				X			
	Color						X				X		
	Texture						X				X		

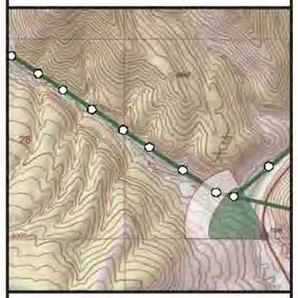
2. Does project design meet visual resource management objectives? ☐ Yes ☐ No (Explain on reverse side)

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

Evaluator's Names: M. Paulson
Date: 4/28/14

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

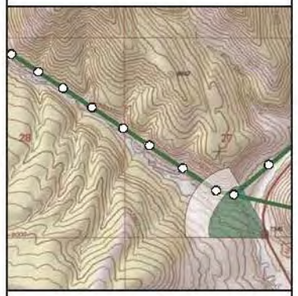
0 1,400 2,800 5,600 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP V-64
Sowers Canyon Road
(Segment 1219.45)

Project Location



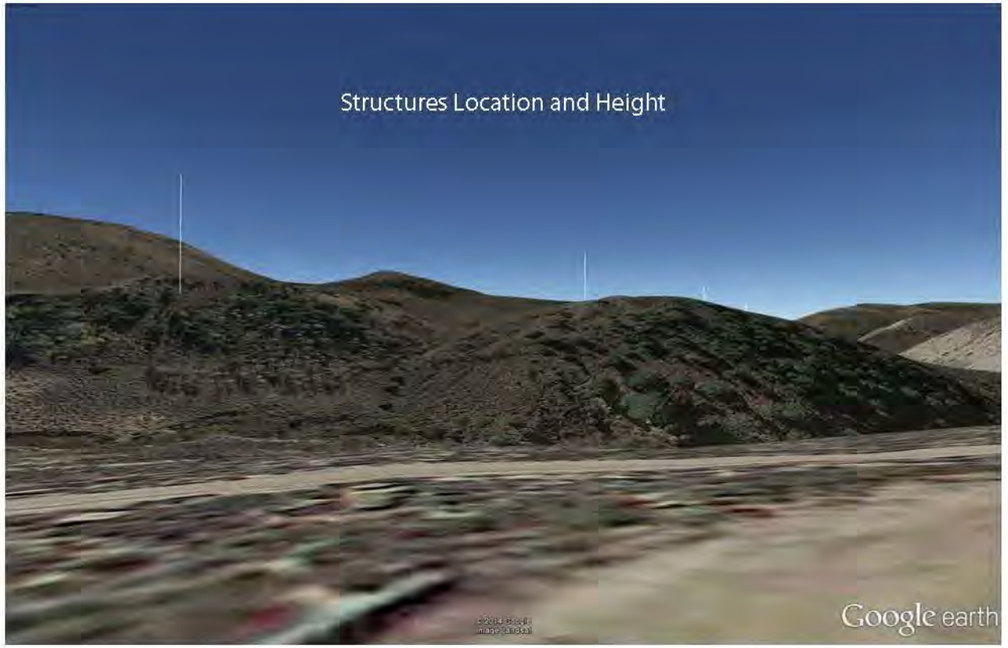
KOP Location

0 1,400 2,800 5,600 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP V-64
Simulated Condition
(Segment 1219.45)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 4/28/2014
District Vernal FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: V-65
3. VRM Class: Private
4. Location: US-191 (SB)
Township 11S
Range 10E
Section 23
5. Location Sketch: Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	V-shaped, bold, steep, level valley.	Blanket of spruce/fir and scattered aspen.	Planar, US-191.
LINE	Diagonal, angular, jagged, horizontal.	Irregular and organic clumps.	Curvilinear, US-191.
COLOR	Tans, beiges.	Dark to light greens and seasonal yellow/golds.	Grays, US-191.
TEXTURE	Medium, granular, fine grain in valley.	Coarse to medium.	Fine, US-191.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, self-supporting structures, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductions.
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: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form									X			
Elements: Line										X		
Elements: Color										X		
Elements: 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: 4/28/2014

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

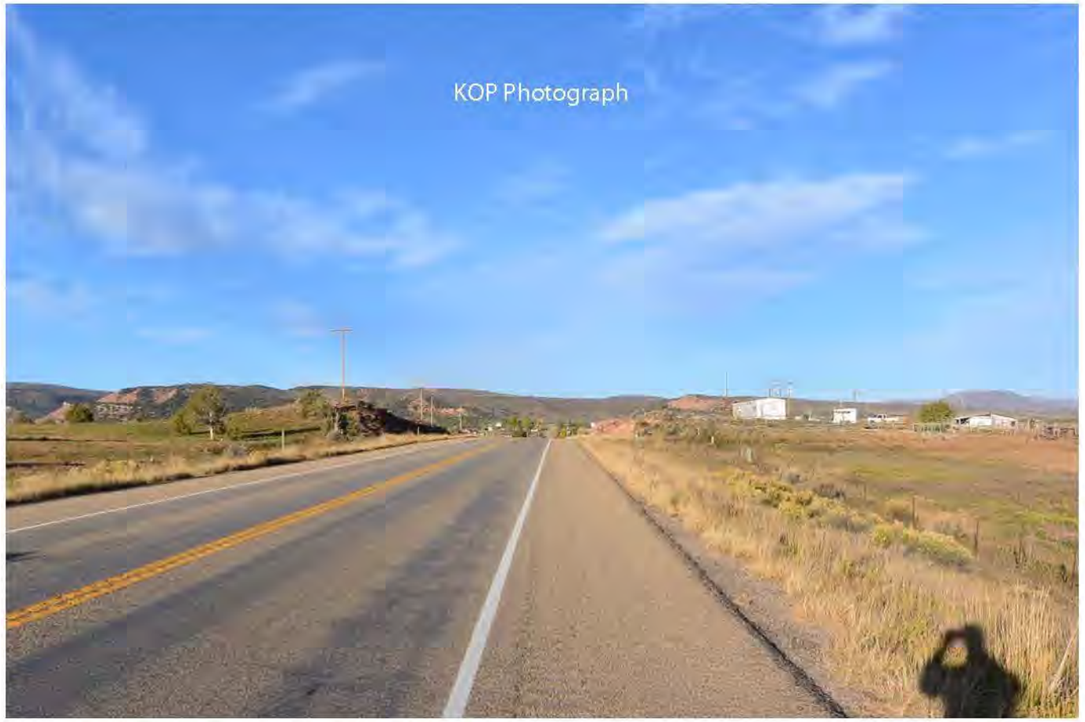
KOP Location

Feet
0 1,400 2,800 5,600

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP V-65
US-191
(southbound)
(Segment 1219.6)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date	10/17/2014
District	Vernal FO
Resource Area	
Activity (program)	

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location U.S. 40 (wb) Township 3S Range 9W Section 24	5. Location Sketch Please see Figure 3.12-2
2. Key Observation Point V-66		
3. VRM Class Private		

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar horizontal valley floor.	Organic clumps of shrubs and grasses.	Planar roadway, rectangular ranch structures, and cylindrical electrical distribution lines.
LINE	Horizontal and slightly angular skyline, foreground ridgeline and horizontal valley floor.	Curvilinear shrub edges and edges of grass patterns.	Strongly horizontal foreground roadway. Vertical and horizontal ranch structures and vertical distribution lines.
COLOR	Light to medium light to medium brown rock and soil.	Light silver grey green sage brush. Golden tan to green grasses.	Light to medium paved foreground roadway. Brown wooden poles. Multiple structure colors.
TEXTURE	Smooth landforms.	Coarse shrubs and smooth grasses.	Smooth to medium foreground roadway and building, and smooth poles.

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: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: 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: 10/17/2014

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 0.5 1 2 Miles

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP V-66
U.S. 40
(westbound)
(Segment 1322.22)

Project Location

KOP Location

0 0.5 1 2 Miles

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP V-66
Simulated Condition
(Segment 1322.22)

Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 10/17/2014
District Vernal FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
V-67

3. VRM Class
Private

4. Location Fruitland
4500W Road (nb)
Township 3S
Range 9W
Section 13

5. Location Sketch
Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar horizontal valley floor.	Organic clumps of shrubs and grasses.	Planar roadway, rectangular ranch structures. Planar steel lattice towers and cylindrical wood poles.
LINE	Horizontal and slightly angular skyline, foreground ridgeline and horizontal valley floor.	Curvilinear shrub edges and edges of grass patterns.	Strongly horizontal foreground roadway. Vertical and horizontal ranch structures and vertical towers.
COLOR	Light to medium light to medium brown rock and soil.	Light silver grey green sage brush. Golden tan to green grasses.	Light to medium paved foreground roadway. Grey and brown towers. Multiple structure colors.
TEX-TURE	Smooth landforms.	Coarse shrubs and smooth grasses.	Smooth to medium foreground roadway and building, and smooth poles. Coarse lattice.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements	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: 10/17/2014

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 0.5 1 2 Miles

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP V-67
Fruitland 4500W Road
(northbound)
(Segment 1322.22)

Project Location

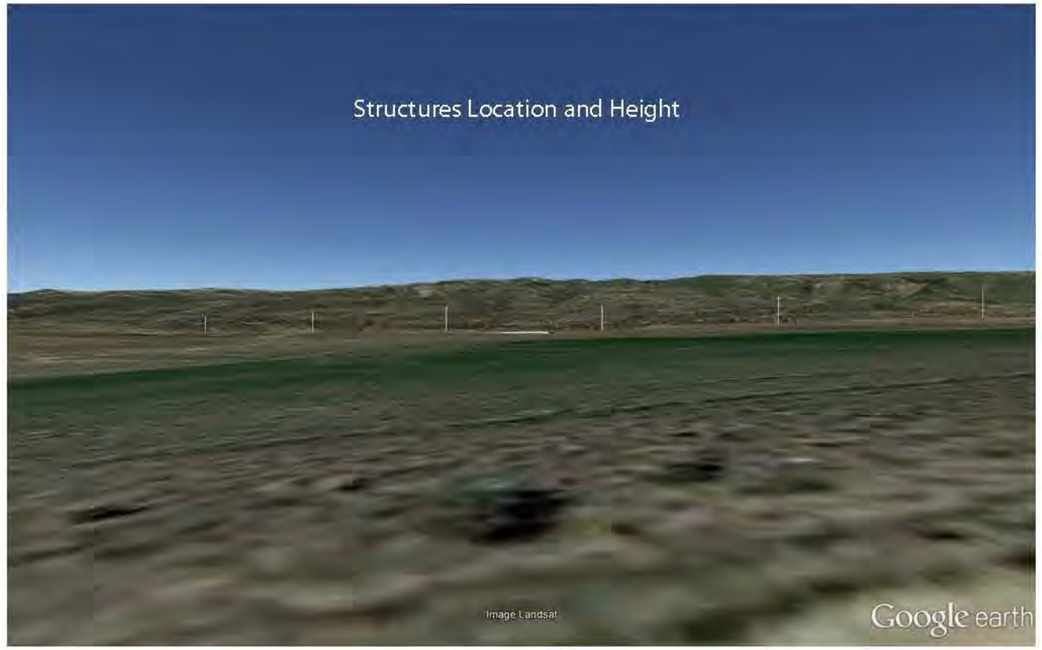
KOP Location

0 0.5 1 2 Miles

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP V-67
Simulated Condition
(Segment 1322.22)



Form 8-400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 10/17/2014
District Vernal FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: V-68
3. VRM Class: Private
4. Location: Fruitland 4500 Road (sb); Township 3S; Range 9W; Section 24
5. Location Sketch: Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Angular mountain ridgeline. Planar horizontal valley floor.	Organic clumps of shrubs and grasses.	Planar roadway, rectangular ranch structures, and cylindrical electrical distribution lines.
LINE	Horizontal and angular skyline, foreground ridgeline and horizontal valley floor.	Curvilinear shrub edges and edges of grass patterns.	Strongly horizontal foreground roadway. Vertical and horizontal ranch structures.
COLOR	Light to medium light to medium brown rock and soil.	Light silver grey green sage brush. Golden tan to green grasses.	Light to medium paved foreground roadway. Multiple structure colors.
TEXTURE	Smooth landforms.	Coarse shrubs and smooth grasses.	Smooth to medium foreground roadway and building, and smooth poles.

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: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements	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: 10/17/2014

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

Miles
0 0.5 1 2

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP V-68
Fruitland 4500 Road
(southbound)
(Segment 1322.71)

Project Location

KOP Location

0 0.5 1 2 Miles

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP V-68
Simulated Condition
(Segment 1322.71)

Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 10/17/2014
District Vernal FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: V-69
3. VRM Class: Private
4. Location: Red Creek Road (sb); Township 3S; Range 8W; Section 27
5. Location Sketch: Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar horizontal mountain ridges. Inclined planar side slopes. Planar valley floor.	Organic clumps of trees, shrubs and grasses. Patches and blankets of pinyon-juniper on the ridges.	Planar roadway.
LINE	Horizontal mountain skyline, foreground ridgeline and horizontal valley floor.	Curvilinear tree and shrub edges and edges of grass patterns.	Strongly horizontal foreground roadway.
COLOR	Light to medium light to medium brown rock and soil.	Dark olive green trees. Light silver grey green sage brush. Golden tan to green grasses.	Light to medium tans and browns gravel foreground roadway.
TEX-TURE	Smooth landforms, coarse geology.	Coarse trees and shrubs, and smooth grasses.	Smooth to medium foreground roadway.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements	Form									X			
	Line									X			
	Color										X		
	Texture											X	

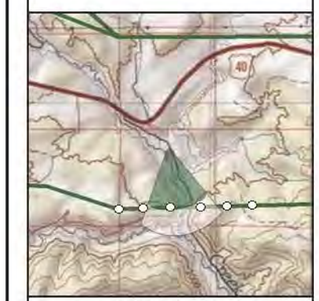
2. Does project design meet visual resource management objectives? ☐ Yes ☐ No (Explain on reverse side)

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

Evaluator's Names: M. Paulson
Date: 10/17/2014

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

Miles
0 0.5 1 2

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP V-69
Red Creek Road
(southbound)
(Segment 1322.71)

Project Location

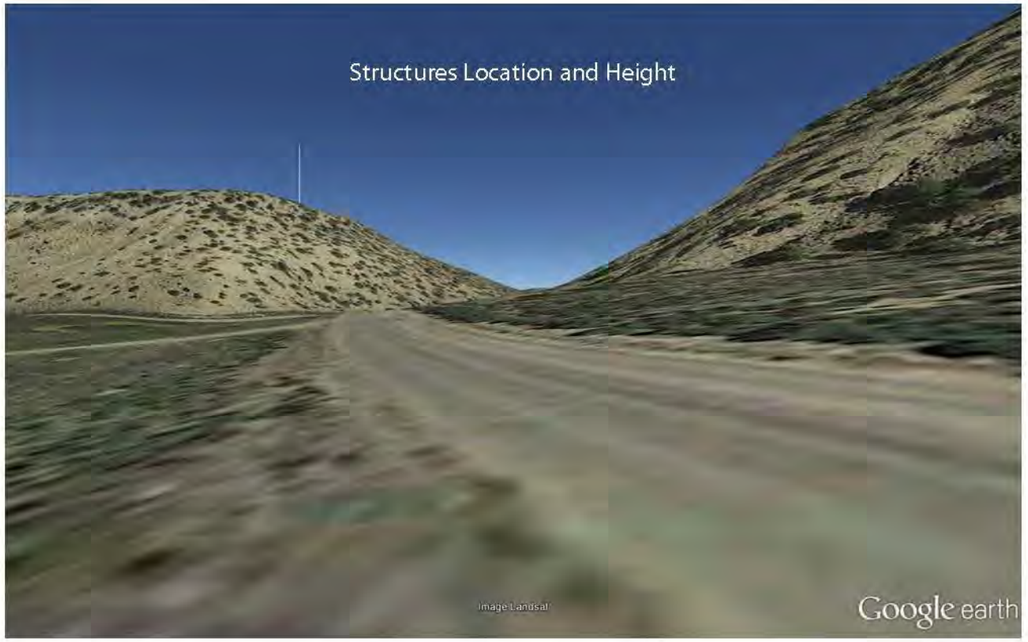
KOP Location

Miles
0 0.5 1 2

N
W E
S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP V-69
Simulated Condition
(Segment 1322.71)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 10/17/2014
District Vernal FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
V-70

3. VRM Class
Private

4. Location Red Creek Road (nb)
Township 3S
Range 8W
Section 34

5. Location Sketch
Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar horizontal mountain ridges. Inclined planar side slopes. Planar valley floor.	Organic clumps of trees, shrubs and grasses. Patches of pinyon-juniper on the ridges.	Planar roadway.
LINE	Horizontal mountain skyline, foreground ridgeline and horizontal valley floor.	Curvilinear tree and shrub edges and edges of grass patterns.	Strongly horizontal foreground roadway.
COLOR	Light to medium light to medium brown rock and soil.	Dark olive green trees. Light silver grey green sage brush. Golden tan to green grasses.	Light to medium tans and browns gravel foreground roadway.
TEX-TURE	Smooth landforms, coarse geology.	Coarse trees and shrubs, and smooth grasses.	Smooth to medium foreground roadway.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements	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: 10/17/2014

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 0.5 1 2 Miles

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP V-70
Red Creek Road
(northbound)
(Segment 1322.71)

Project Location

KOP Location

0 0.5 1 2 Miles

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP V-70
Simulated Condition
(Segment 1322.71)

Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 10/17/2014
District Vernal FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
V-71

3. VRM Class
Private

4. Location U.S. 40 (eb)
Township 3S
Range 8W
Section 22

5. Location Sketch
Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Rocky angular ridges. Inclined planar side slopes.	Organic clumps of trees, shrubs and grasses. Patches of pinyon-juniper on the ridges.	Planar roadway.
LINE	Angular skyline, angular foreground ridgeline.	Curvilinear tree and shrub edges and edges of grass patterns.	Strongly horizontal foreground roadway.
COLOR	Light to medium light to medium tans and browns in rock and soil.	Dark olive green trees. Light silver grey green sage brush. Golden tan to green grasses.	Light to medium greys of paved foreground roadway.
TEX-TURE	Smooth landforms, coarse geology.	Coarse trees and shrubs, and smooth grasses.	Smooth to medium foreground roadway.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements	Form									X			
	Line									X			
	Color										X		
	Texture											X	

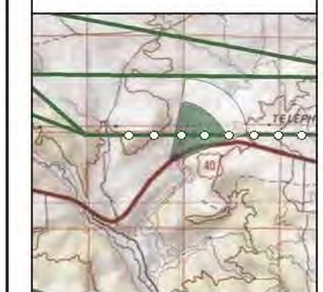
2. Does project design meet visual resource management objectives? ☐ Yes ☐ No (Explain on reverse side)

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

Evaluator's Names: M. Paulson
Date: 10/17/2014

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

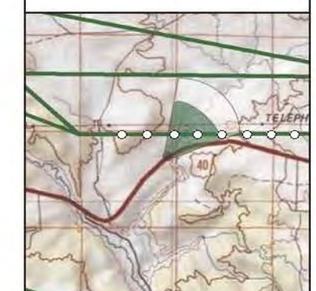
Miles
0 0.5 1 2

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP V-71
U.S. 40
(eastbound)
(Segment 1322.51)

Project Location



KOP Location

0 0.5 1 2 Miles

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP V-71
Simulated Condition
(Segment 1322.51)

Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 10/17/2014
District Vernal FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
V-72

3. VRM Class
Private

4. Location U.S. 40 (wb)
Township 3S
Range 8W
Section 24

5. Location Sketch
Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar horizontal mountain ridges. Inclined planar side slopes. Planar valley floor.	Organic clumps of trees, shrubs and grasses. Patches of pinyon-juniper in the background.	Planar steel lattice towers.
LINE	Horizontal mountain skyline, foreground ridgeline and horizontal valley floor.	Curvilinear tree and shrub edges and edges of grass patterns.	Strongly horizontal foreground roadway. Vertical and horizontal lattice towers.
COLOR	Light to medium light to medium brown rock and soil.	Dark olive green trees. Light silver grey green sage brush. Golden tan to green grasses.	Dark grey tower. Light to medium paved foreground roadway.
TEXTURE	Smooth landforms, coarse geology.	Coarse trees and shrubs, and smooth grasses.	Coarse towers. Smooth to medium foreground roadway and smooth pole structures.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			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: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements	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	Date
M. Paulson	10/17/2014

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 0.5 1 2 Miles

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP V-72
U.S. 40
(westbound)
(Segment 1322.51)

Project Location

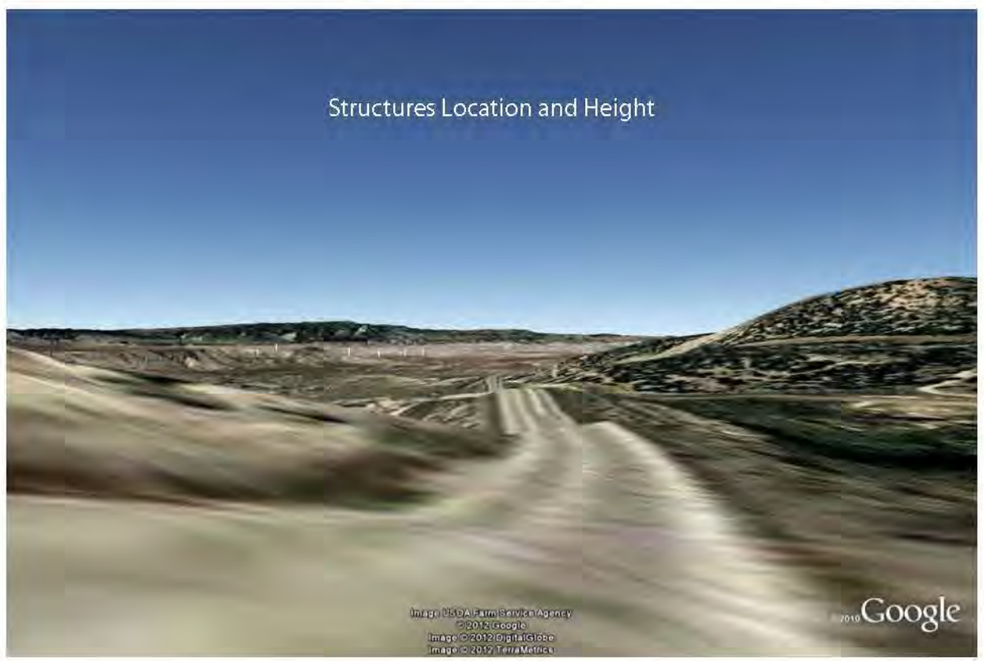
KOP Location

0 0.5 1 2 Miles

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP V-72
Simulated Condition
(Segment 1322.51)



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 US-40 (WB) Township 5N Range 98W Section 30	5. Location Sketch Please see Figure 3.12-1
2. Key Observation Point WR-9		
3. VRM Class III (VRI-III)		

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar rolling and angular ridges. Angular side slopes.	Organic clumps of pinyon-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 pinyon-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 pinyon-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 pinyon-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: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements	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	Date
M. Paulson	10/24/10

Rationale:
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objectives. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-4, VR-6, and VR-7) would further reduce contrasts.

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

Project Location

KOP Location

0 4,800 9,600 19,200 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP WR-9
U.S. 40
(westbound)
(Segment 1100)

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 US-40 (WB) Township 3N Range 100W Section 2	5. Location Sketch Please see Figure 3.12-1
2. Key Observation Point WR-10		
3. VRM Class IV (VRI Class III)		

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar rolling and angular ridges. Angular side slopes.	Organic clumps of pinyon-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 pinyon-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 pinyon-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.
TEX-TURE	Smooth to moderate landforms.	Coarse pinyon-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.
TEX-TURE			Course steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements	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	Date
M. Paulson	10/24/10

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

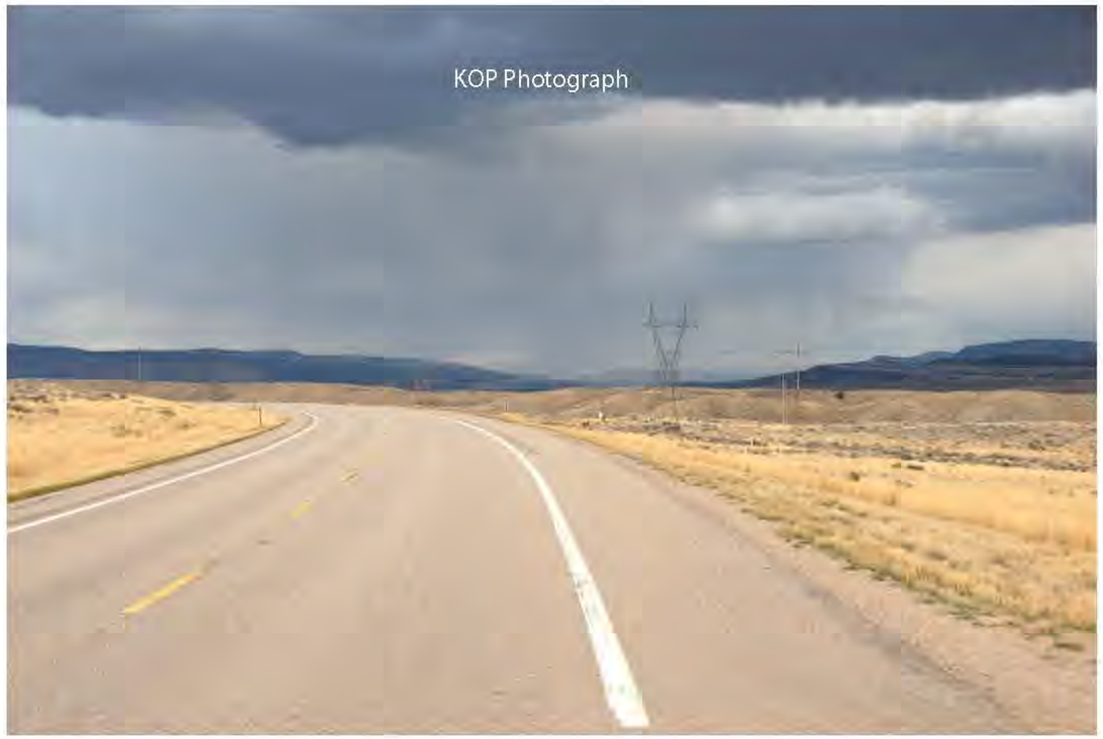
KOP Location

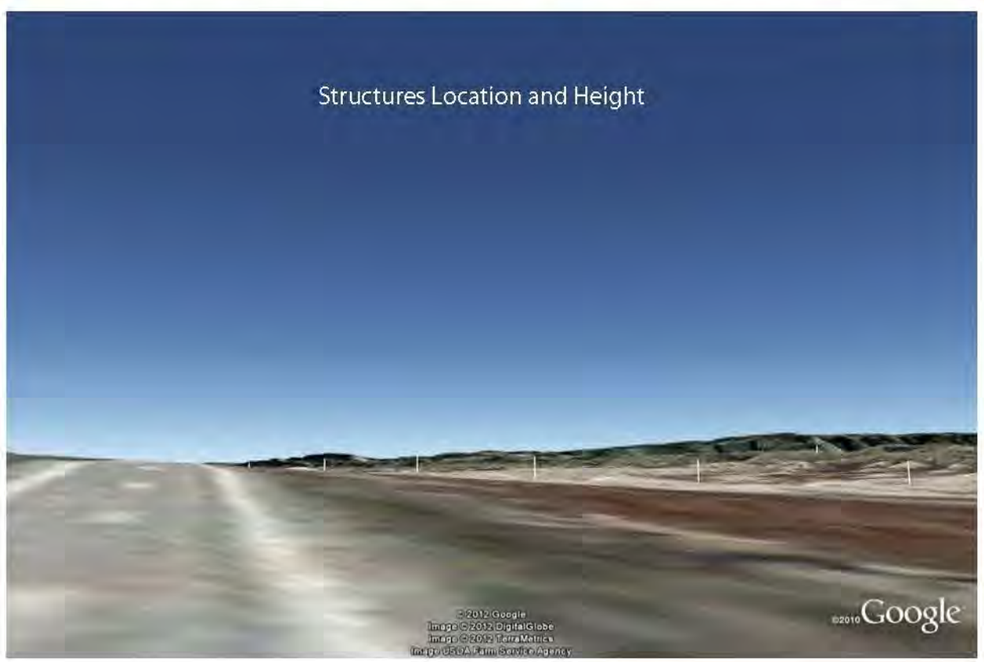
0 2,400 4,800 9,600 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP WR-10
U.S. 40 (westbound)
(Segment 1210)





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

2. Key Observation Point
WR-11

3. VRM Class
IV (VRI Class III)

4. Location US-40 (EB)
Township 3N
Range 100W
Section 9

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 pinyon-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 pinyon-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 pinyon-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.
TEX-TURE	Smooth to moderate landforms.	Coarse pinyon-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.
TEX-TURE			Course steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form										x		
Elements: Line										x		
Elements: Color										x		
Elements: 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: 10/24/10

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

Feet
0 1,550 3,100 6,200

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP WR-11
U.S. 40 (eastbound)
(Segment 1210)

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
2. Key Observation Point: WR-12
3. VRM Class: III (VRI Class III)
4. Location: Moffat Co. Rd. 134 (SB); Township 3N; Range 102W; Section 17
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 pinyon-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 pinyon-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 pinyon-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 pinyon-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: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements	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: 6/2/12

Rationale:
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objectives. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-4, VR-6, and VR-7) would further reduce contrasts.

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

Project Location

KOP Location

0 1,400 2,800 5,600 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP WR-12
Moffat County Road 134
(southbound)
(Segment 1210)

Project Location

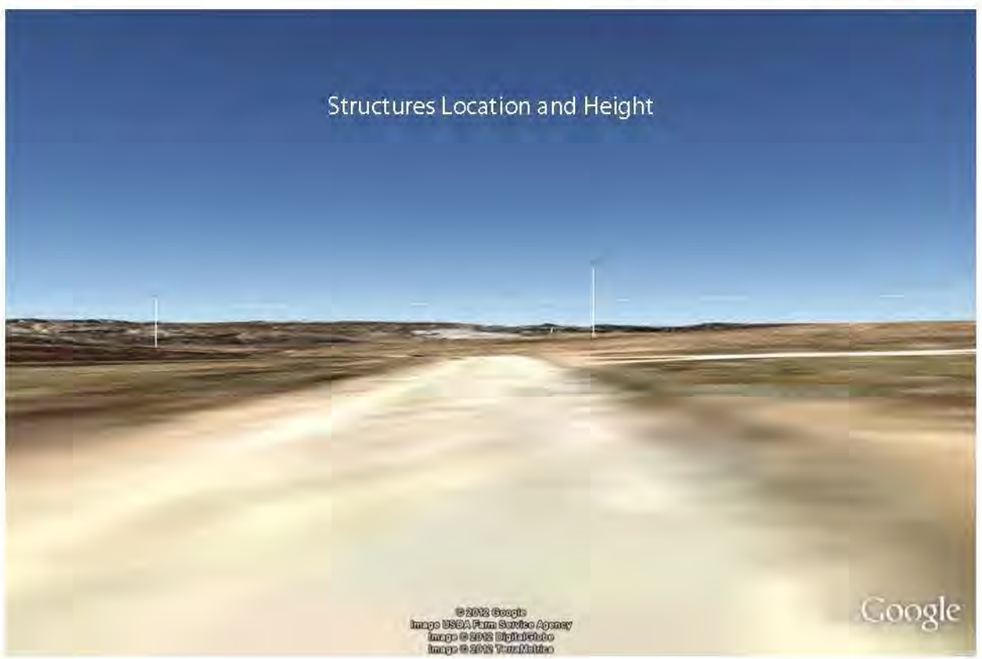
KOP Location

0 1,400 2,800 5,600 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP WR-12
Simulated Condition
(Segment 1210)



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

2. Key Observation Point
WR-13

3. VRM Class
III (VRI Class III)

4. Location Colo. SH-64 (NB)
Township 3N
Range 100W
Section 9

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 pinyon-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 pinyon-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 pinyon-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 pinyon-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: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements	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	Date
M. Paulson	10/24/11

Rationale:
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objectives. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-4, 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

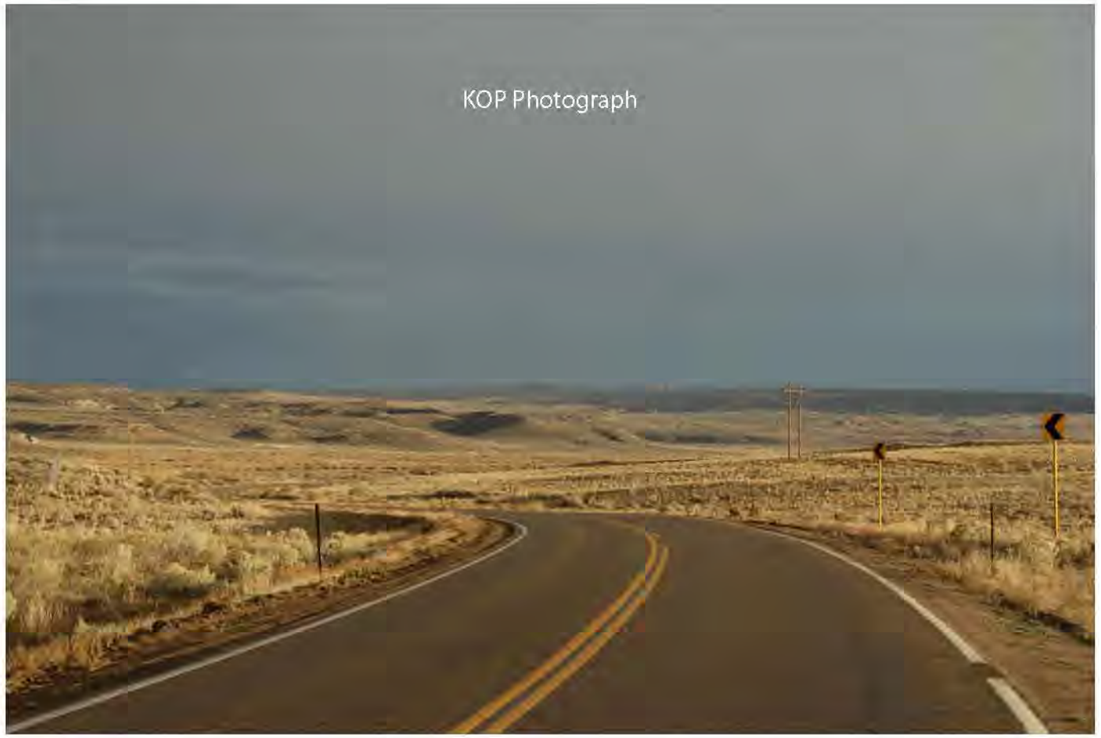
KOP Location

Feet
0 1,450 2,900 5,800

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP WR-13
Colo State Highway 64
(northbound)
(Segment 1210)



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 SH-64 (SB) Township 3N Range 100W Section 9	5. Location Sketch Please see Figure 3.12-1
2. Key Observation Point WR-14		
3. VRM Class III (VRI Class III)		

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar rolling and angular ridges. Angular side slopes.	Organic clumps of pinyon-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 pinyon-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 pinyon-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 pinyon-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: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form										X		
Elements: Line										X		
Elements: Color										X		
Elements: 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	Date
M. Paulson	10/24/10

Rationale:
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objectives. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-4, 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

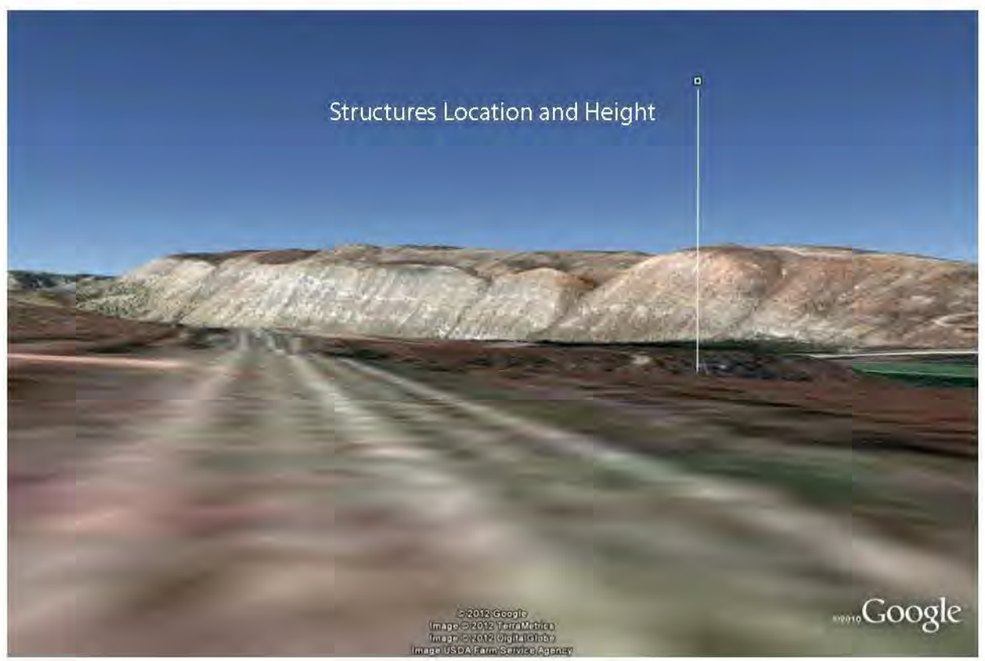
KOP Location

Feet
0 1,450 2,900 5,800

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP WR-14
Colo State Highway 64
(southbound)
(Segment 1210)



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

2. Key Observation Point
WR-15

3. VRM Class
III (VRI Class III)

4. Location Colo.SH-64 (WB)
Township 3N
Range 100W
Section 9

5. Location Sketch
Please see Figure 3.12-2

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar rolling and angular ridges. Angular side slopes.	Organic clumps of pinyon-juniper, rabbit brush, sagebrush and grasses.	Planar roadway and pyramidal 230-kV transmission line structures.
LINE	Strong angular lines of ridges and skyline. Angular side slopes.	Indistinct pinyon-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 pinyon-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 pinyon-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: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements	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: 10/24/10

Rationale:
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objectives. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-4, VR-6, and VR-7) would further reduce contrasts.

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

Project Location

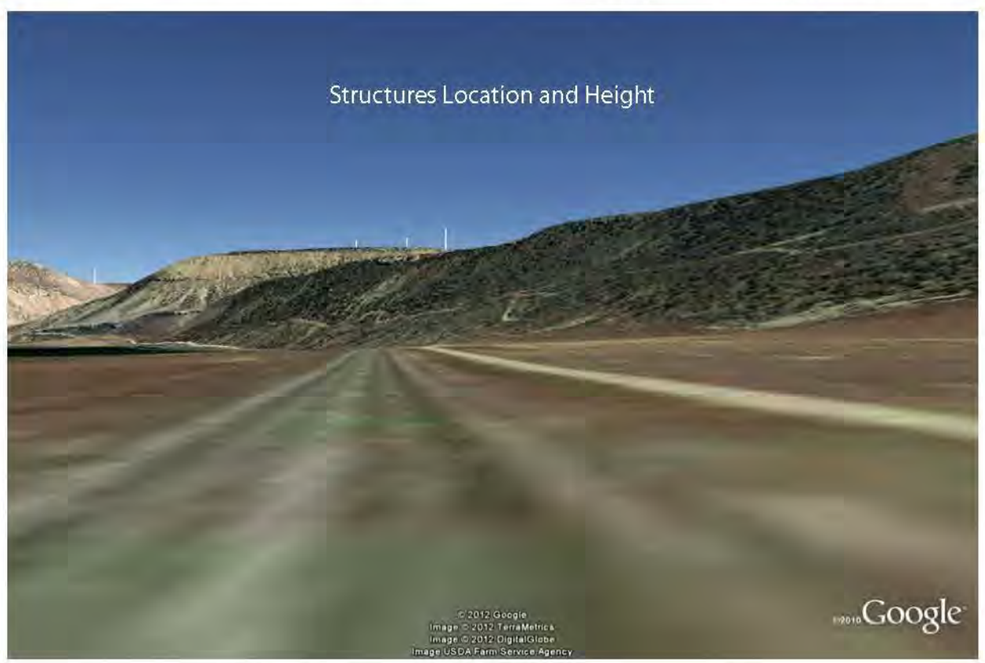
KOP Location

0 1,400 2,800 5,600 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP WR-15
Colo State Highway 64
(westbound)
(Segment 1220)



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

2. Key Observation Point
WR-16

3. VRM Class
IV (VRI Class III)

4. Location Colo SH-64 (EB)
Township 2N
Range 101W
Section 33

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 pinyon-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 pinyon-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 pinyon-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 pinyon-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: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements	Form									X			
	Line										X		
	Color										X		
	Texture												

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	Date
M. Paulson	10/24/10

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

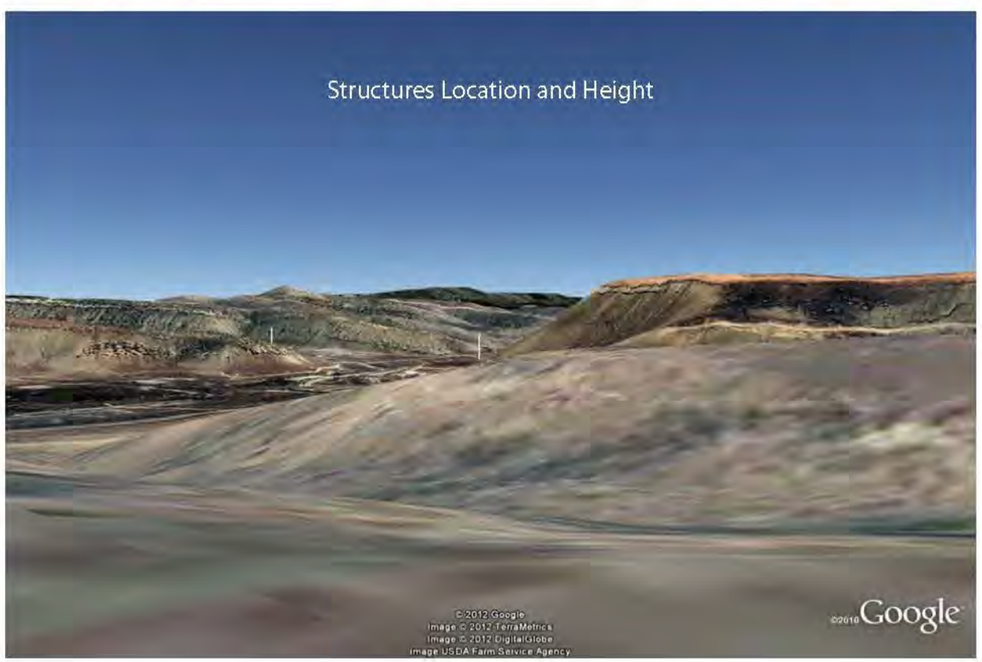
KOP Location

0 1,950 3,900 7,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP WR-16
Colo State Highway 64
(eastbound)
(Segment 1220)



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 1N Range 102W Section 1	5. Location Sketch Please see Figure 3.12-2
2. Key Observation Point WR-17		
3. VRM Class III		

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 pinyon-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 pinyon-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 pinyon-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 pinyon-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: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form										x		
Elements: Line										x		
Elements: Color										x		
Elements: Texture											x	

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

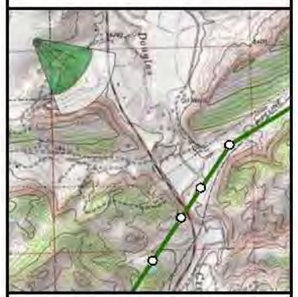
3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names	Date
M. Paulson	10/24/10

Rationale:
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objectives. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-4, VR-6, and VR-7) would further reduce contrasts.

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

Project Location



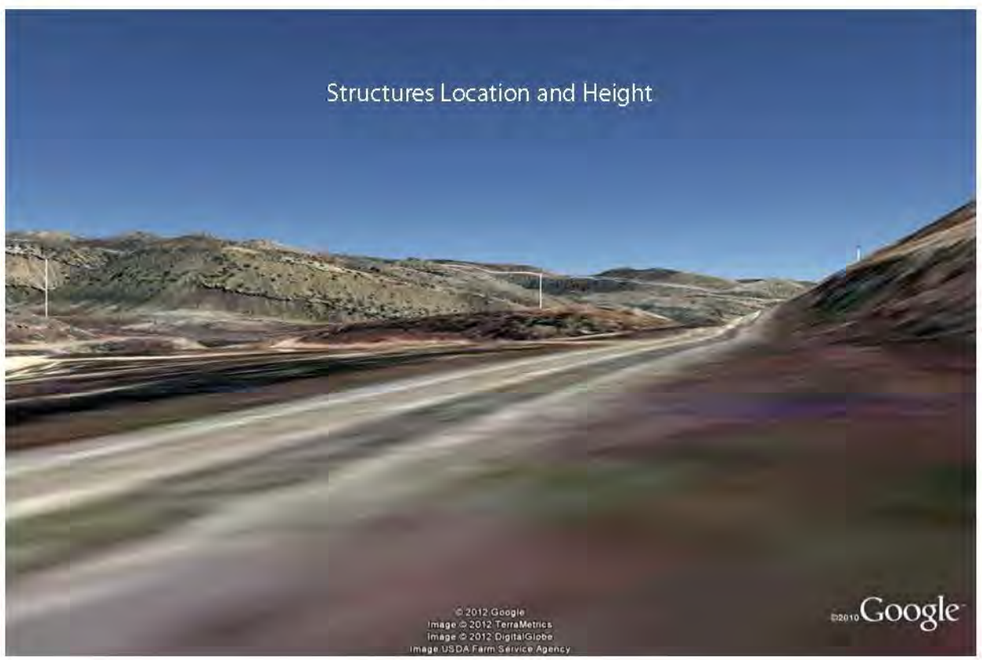
KOP Location

0 1,400 2,800 5,600 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP WR-17
Rangely Residential Road
(Segment 1220)



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 Colo SH-139 (SB) Township 1N Range 101W Section 7	5. Location Sketch Please see Figure 3.12-2
2. Key Observation Point WR-18		
3. VRM Class III (VRI Class III)		

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 pinyon-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 pinyon-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 pinyon-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 pinyon-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: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements	Form										X		
	Line										X		
	Color										X		
	Texture											X	

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

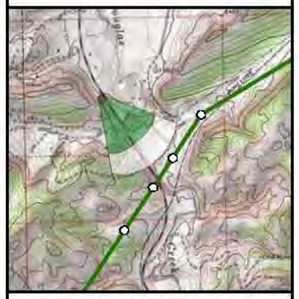
3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names	Date
M. Paulson	10/24/10

Rationale:
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objectives. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-4, 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

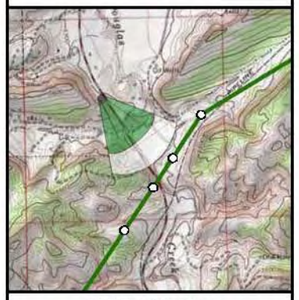
Feet
0 1,450 2,900 5,800

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP WR-18
Colo State Highway 139
(southbound)
(Segment 1220)

Project Location



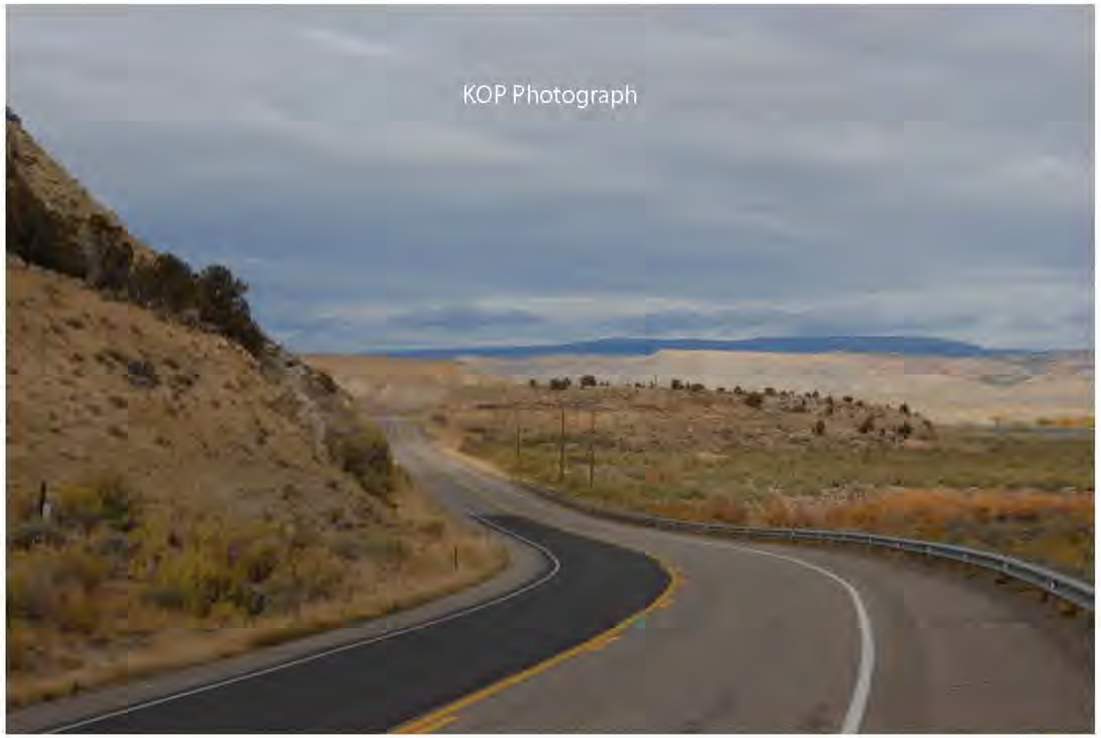
KOP Location

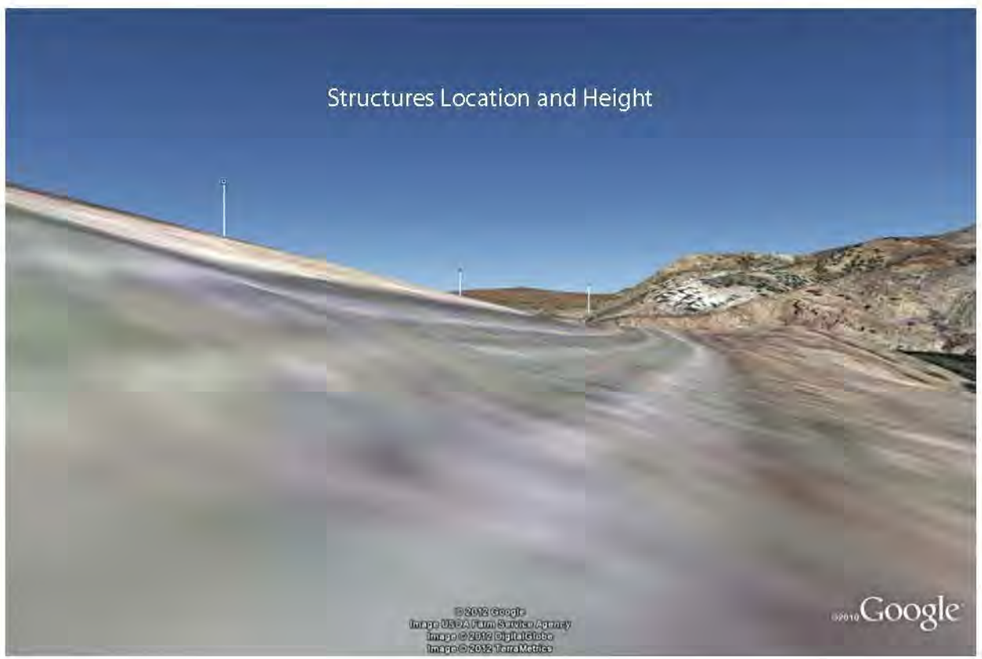
Feet
0 1,450 2,900 5,800

N
W E
S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP WR-18
Simulated Condition
(Segment 1220)





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

2. Key Observation Point
WR-19

3. VRM Class
III (VRI Class III)

4. Location Colo SH-139 (NB)
Township 1N
Range 101W
Section 18

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 pinyon-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 pinyon-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 pinyon-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 pinyon-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: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements	Form										X		
	Line										X		
	Color										X		
	Texture											X	

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

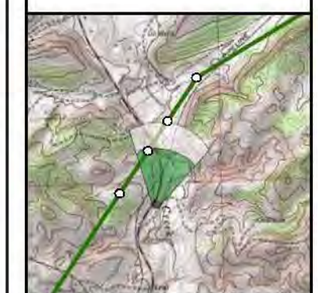
3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names	Date
M. Paulson	10/24/10

Rationale:
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objectives. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-4, VR-6, and VR-7) would further reduce contrasts.

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

Project Location



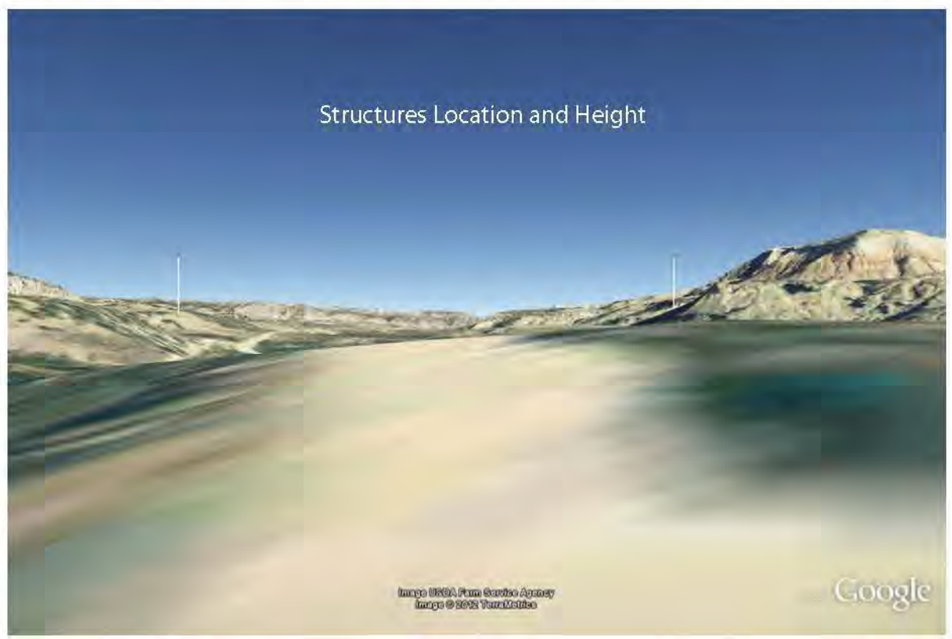
KOP Location

0 1,450 2,900 5,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP WR-19
Colorado State Hwy 139
(northbound)
(Segment 1220)



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
2. Key Observation Point: WR-20
3. VRM Class: III
4. Location: Moffat County Rd.
Township 3S
Range 104W
Section 35
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 pinyon-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 pinyon-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 pinyon-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 pinyon-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: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: 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: 10/24/10

Rationale:
Where the Project visually parallels an existing transmission line, access roads, and vegetation clearing, the project would comply with VRM Class III management objectives. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-4, VR-6, and VR-7) would further reduce contrasts.

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

Project Location

KOP Location

0 1,350 2,700 5,400 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP WR-20
Moffet County
Baxter Pass Road
(Segment 1220)

Project Location

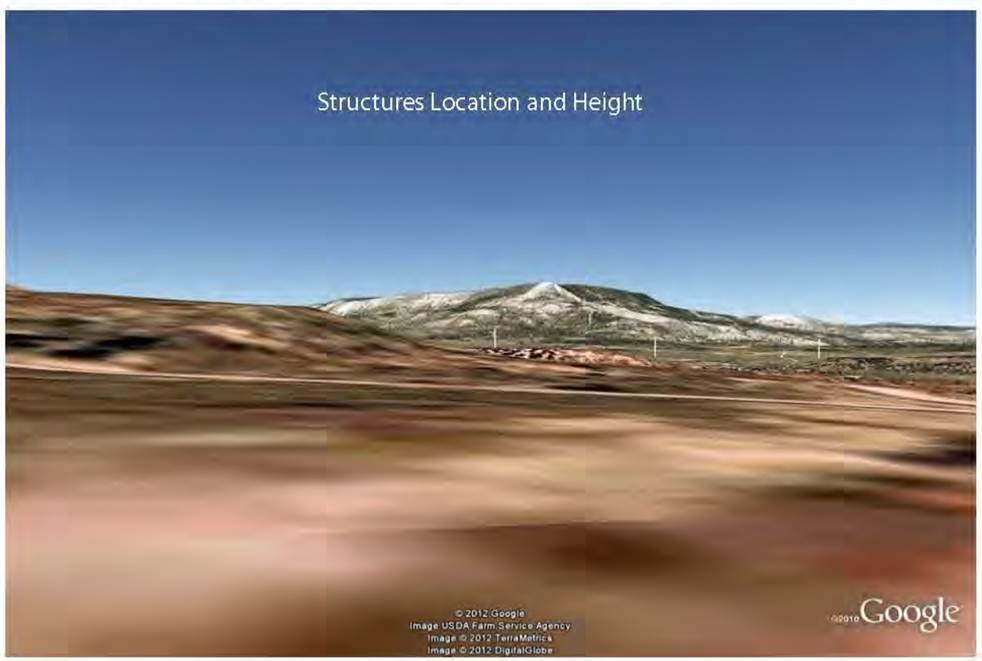
KOP Location

0 1,350 2,700 5,400 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP WR-20
Simulated Condition
(Segment 1220)



Form 8-400-4
(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

2. Key Observation Point
WR-21

3. VRM Class
IV (VRI Class IV)

4. Location BLM Recreation Rd. (WB)
Township 2S
Range 103W
Section 23

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 pinyon-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 pinyon-juniper, sagebrush, rabbit brush and grasses.	Linear horizontal roadway. Horizontal and vertical buildings.
COLOR	Very light, medium, and dark brown slopes.	Dark olive pinyon-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.
TEX-TURE	Smooth to moderate landform.	Smooth to coarse pinyon-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.
TEX-TURE			Course steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST	FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements: Form										X		
Elements: Line										X		
Elements: Color										X		
Elements: 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: 10/24/10

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

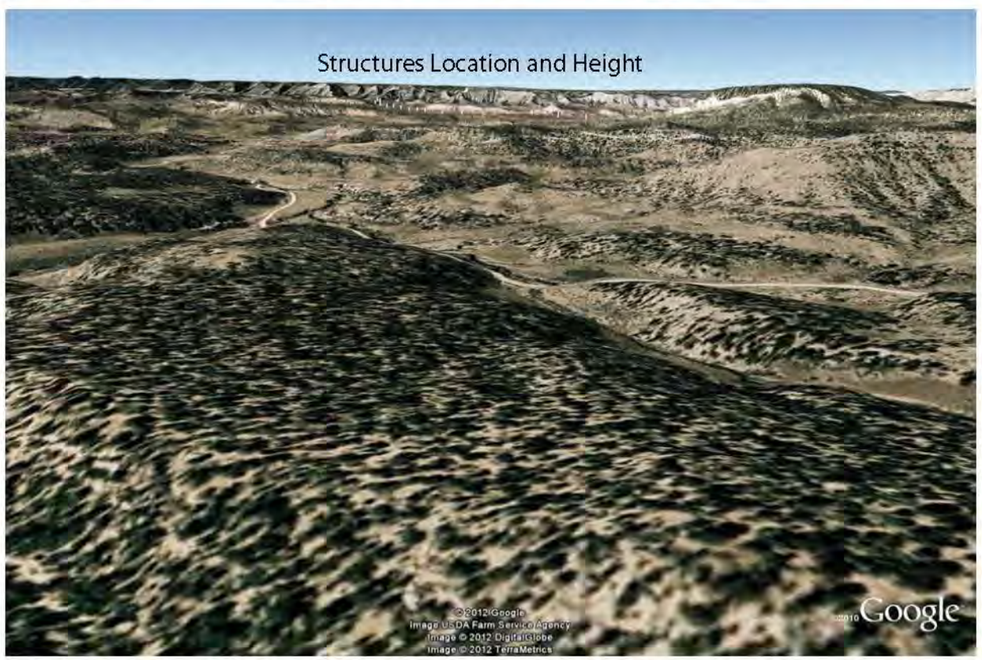
KOP Location

0 1,950 3,900 7,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP WR-21
BLM Recreation Road
(westbound)
(Segment 1220)



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

2. Key Observation Point
WR-22

3. VRM Class
IV (VRI Class IV)

4. Location BLM Recreation Rd. (SB)
Township 2S
Range 103W
Section 25

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 pinyon-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 pinyon-juniper, sagebrush, rabbit brush and grasses.	Linear horizontal roadway. Horizontal and vertical buildings.
COLOR	Very light, medium, and dark brown slopes.	Dark olive pinyon-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.
TEX-TURE	Smooth to moderate landform.	Smooth to coarse pinyon-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.
TEX-TURE			Course steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements	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: 10/24/10

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

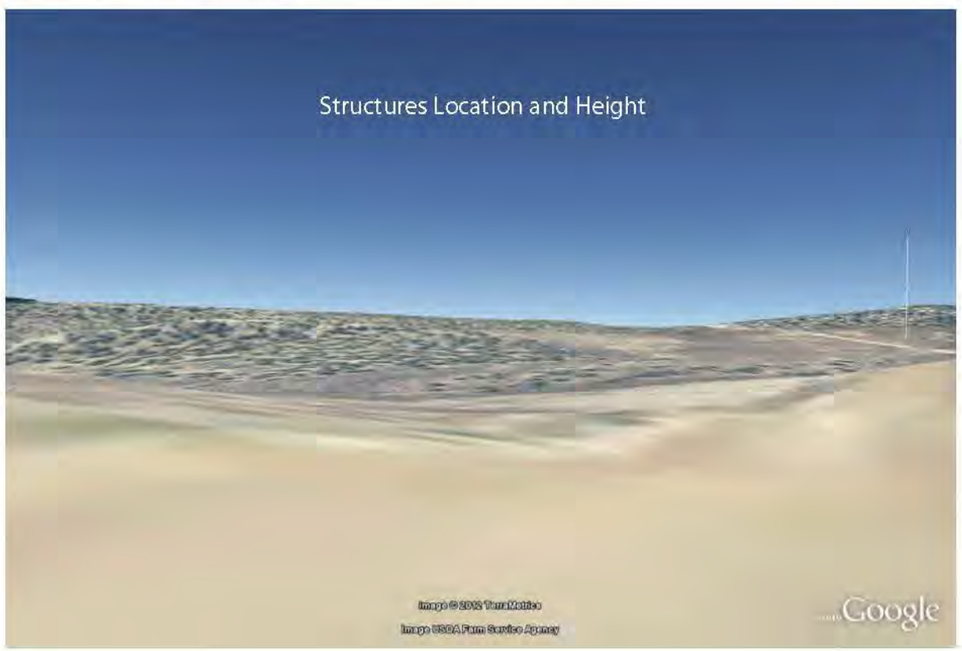
KOP Location

0 4,950 9,900 19,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP WR-22
BLM Recreation Road
(southbound)
(Segment 1220)



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

2. Key Observation Point
WR-23

3. VRM Class
IV (VRI Class III)

4. Location Moffat Co. Rd. 23 (SB)
Township 1N
Range 102W
Section 33

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 pinyon-juniper, rabbit brush, sagebrush and grasses.	Planar gravel road.
LINE	Strong angular lines of ridges and skyline. Angular side slopes.	Indistinct pinyon-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 pinyon-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 pinyon-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: LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Elements	Form									x			
	Line									x			
	Color										x		
	Texture											x	

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

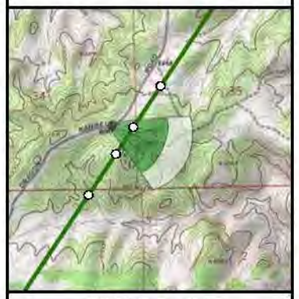
3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names: M. Paulson
Date: 10/24/10

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

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP WR-23
Moffat County Rd. 23
(southbound)
(Segment 1220)

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
2. Key Observation Point: WR-25
3. VRM Class: IV (VRI Class III)
4. Location: Blue Mt. Rd (NB)
Township 3N
Range 100W
Section 9
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 pinyon-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 pinyon-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 pinyon-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.
TEX-TURE	Smooth to moderate landforms.	Coarse pinyon-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.
TEX-TURE			Course steel lattice structures, and smooth guys and conductors.

SECTION D. CONTRAST RATING ☐ SHORT TERM LONG TERM

DEGREE OF CONTRAST		FEATURES: LAND/WATER BODY (1) Strong	Moderate	Weak	None	VEGETATION (2) Strong	Moderate	Weak	None	STRUCTURES (3) Strong	Moderate	Weak	None
Elements	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: 10/24/10

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

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP WR-25
Blue Mountain Road
(northbound)
(Segment1210)

Project Location

KOP Location

Feet
0 1,400 2,800 5,600

N
W E
S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP WR-25
Simulated Condition
(Segment1210)