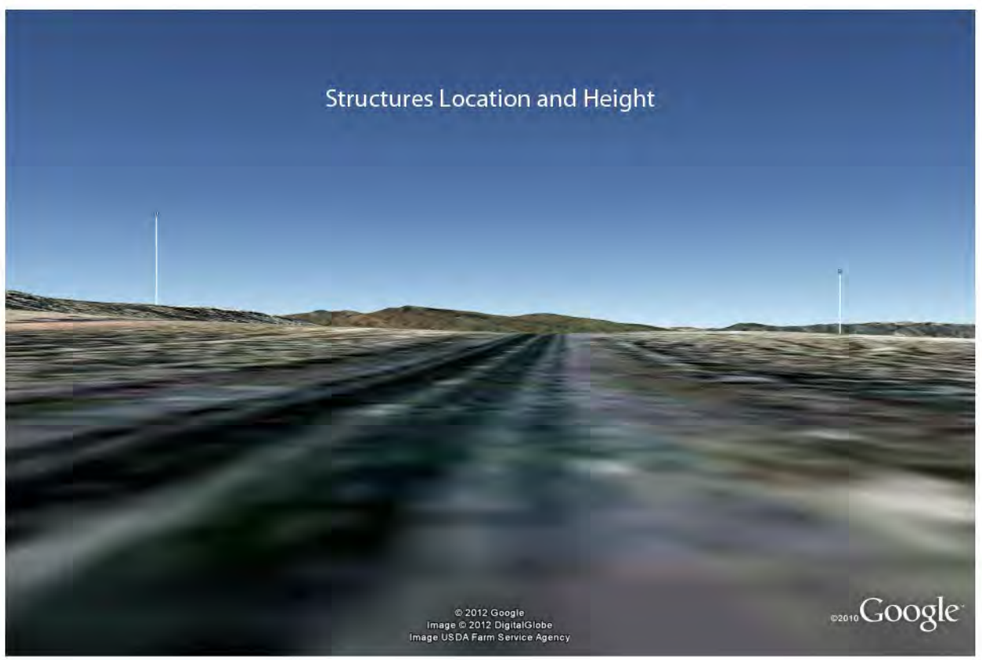


Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

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

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
R-5

3. VRM Class
Private

4. Location Wyoming SH 71(northbound)
Township 21N
Range 87W
Section 31

5. Location Sketch
Please see Figure 3.1-1

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

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

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Strongly pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
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 10/03/2010

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

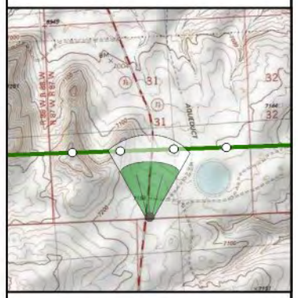
0 1,450 2,900 5,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP R-5
Wyoming State Hwy 71
(northbound)
(Segment 30)

Project Location



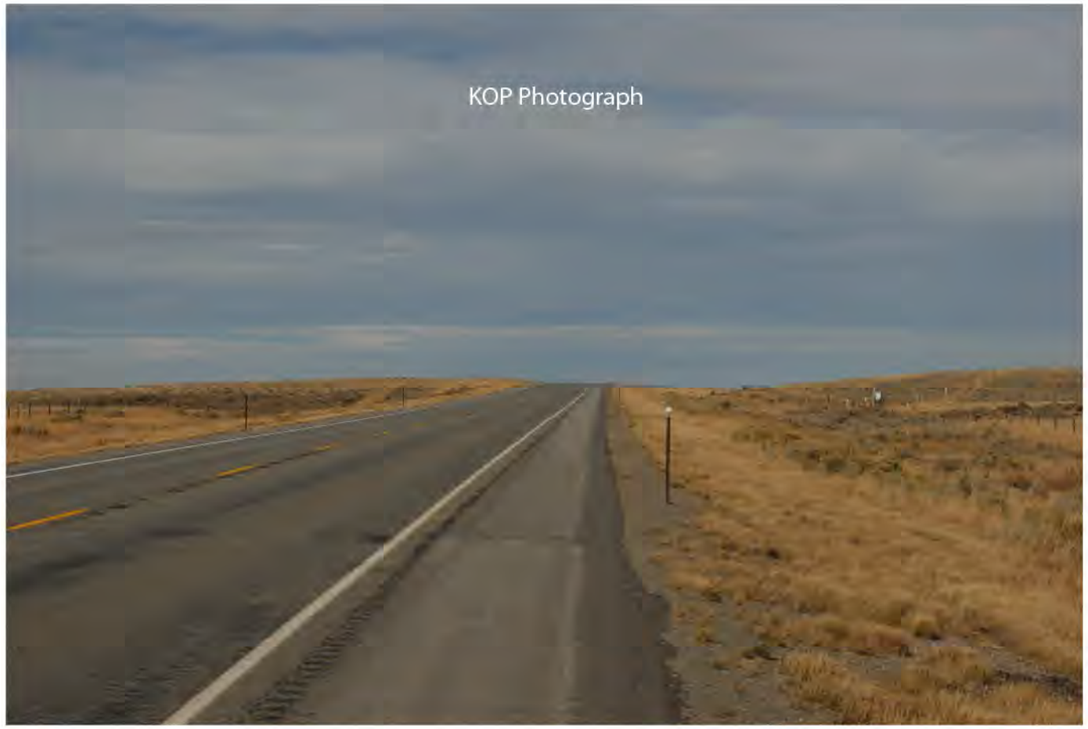
KOP Location

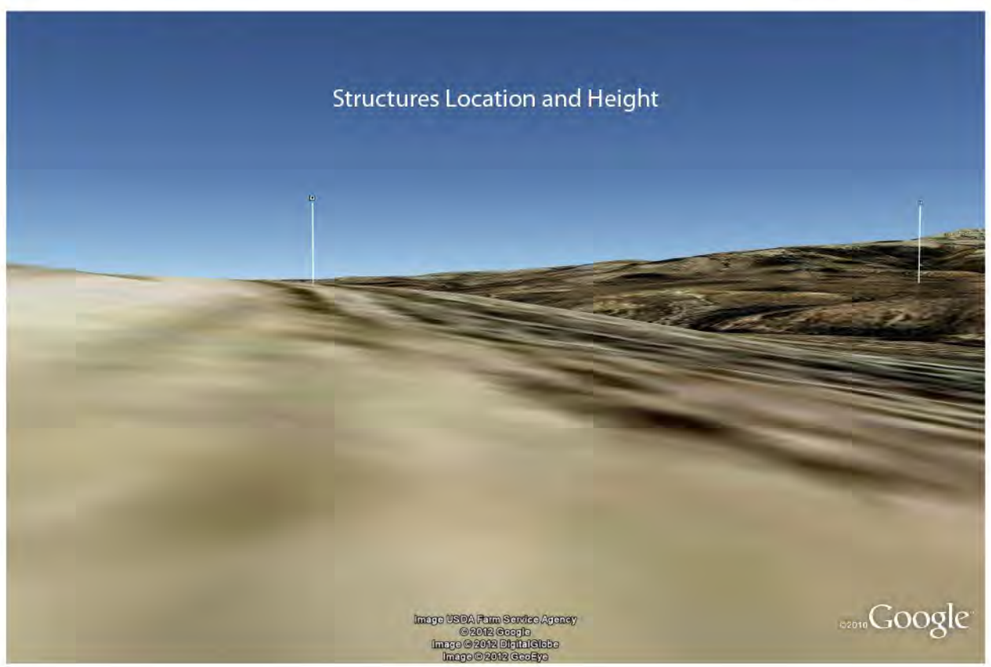
0 1,450 2,900 5,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP R-5
Simulated Condition
(Segment 30)





Form 8400-4
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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 10/15/2011
District Rawlins FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

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

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

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

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Strongly pyramidal steel lattice structures and guys, spherical jumpers, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, rounded jumpers, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEX-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: 10/15/2011

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

0 1,400 2,800 5,600 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP R-6
Wyoming SH 789
(northbound)
(Segment 130)

Project Location

KOP Location

0 1,400 2,800 5,600 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP R-6
Simulated Condition
(Segment 130)

Project Location

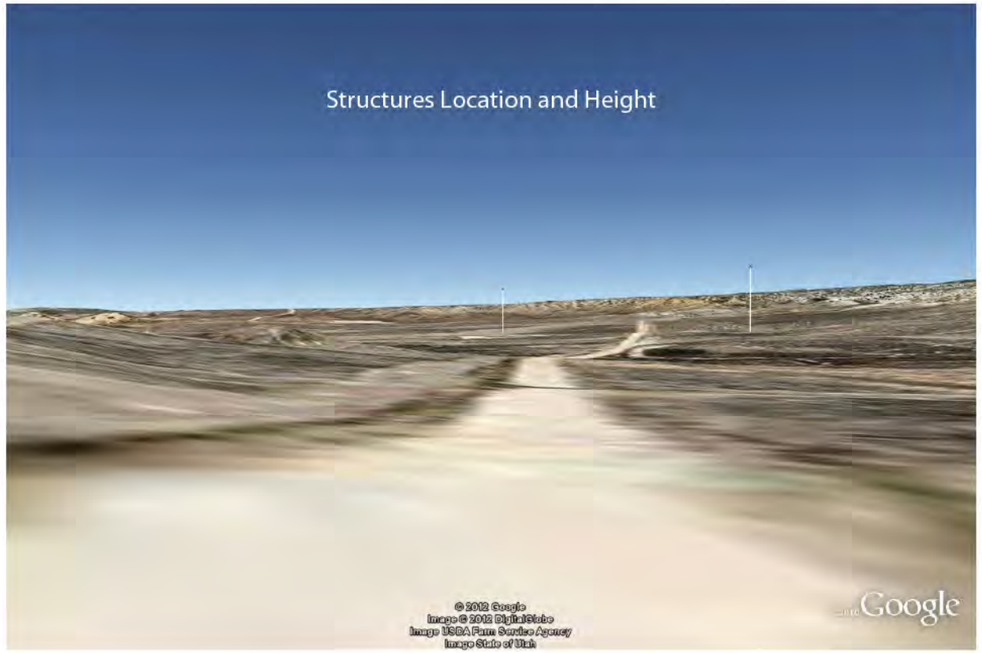
KOP Location

0 1,400 2,800 5,600 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP R-6
Cumulative Condition
(Segment 130)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

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

SECTION A. PROJECT INFORMATION

1. Project Name
TransWest Express

2. Key Observation Point
R-7

3. VRM Class
III (VRI Class III)

4. Location Poison Buttes Road)
Township 12N
Range 92W
Section 4

5. Location Sketch
Please see Figure 3.12-1

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

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

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING ☐ SHORT TERM ☑ LONG TERM

DEGREE OF CONTRAST		FEATURES: 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: 10/03/2010

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

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

Project Location

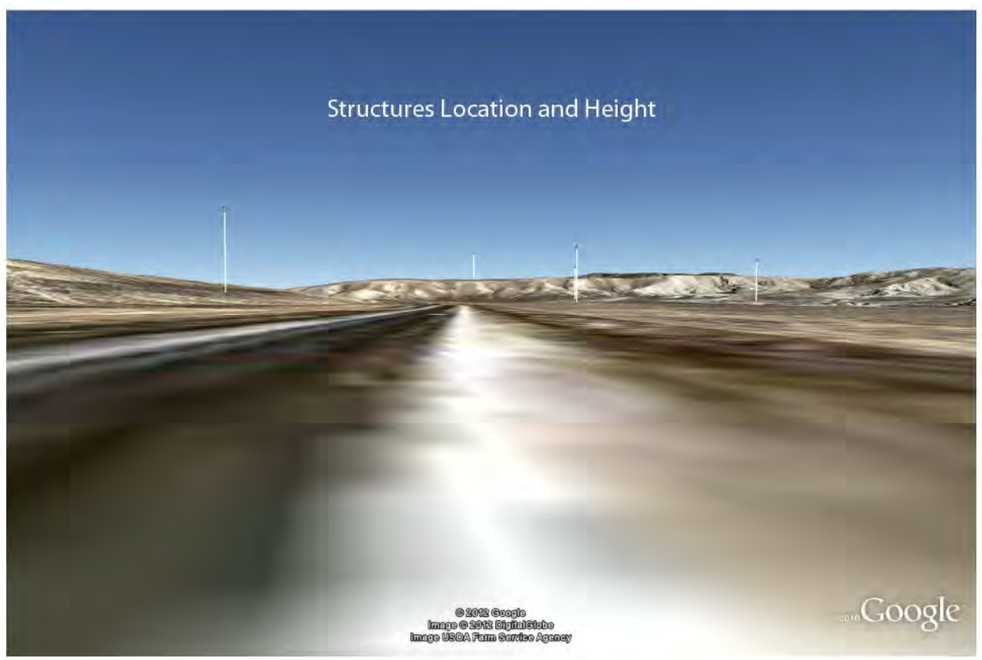
KOP Location

0 1,400 2,800 5,600 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP R-7
Poison Buttes Road
(Segment 170.05)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

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

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location Wyoming SH 789 (northbound) Township 13N Range 91W Section 15	5. Location Sketch Please see Figure 3.12-1
2. Key Observation Point R-8		
3. VRM Class IV (VRI Class III)		

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

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

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Strongly pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
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	10/03/2010

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

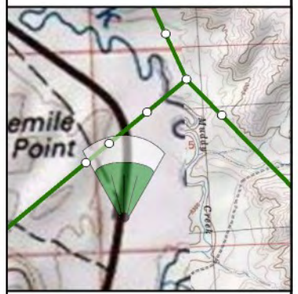
Feet
0 1,450 2,900 5,800

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP R-8
Wyoming State Hwy 789
(northbound)
(Segment 170)

Project Location



KOP Location

0 1,450 2,900 5,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP R-8
Simulated Condition
(Segment 170)

Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

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

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: R-9
3. VRM Class: IV (VRI Class III)
4. Location: Wyoming SH 70 (eastbound); Township 12N; Range 90W; Section 7
5. Location Sketch: Please see Figure 3.12-1

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

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

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Strongly pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
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: 10/03/2010

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

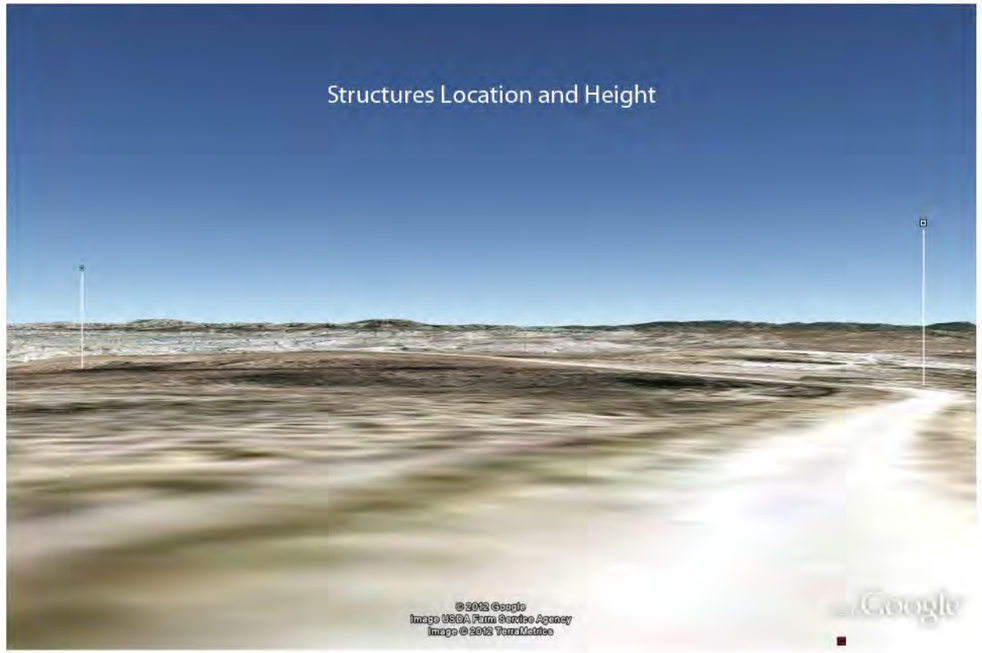
KOP Location

0 1,450 2,900 5,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP R-9
Wyoming State Hwy 70
(eastbound)
(Segment 190)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

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

SECTION A. PROJECT INFORMATION

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

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

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

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Strongly pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
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: 10/03/2010

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

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

Project Location

KOP Location

Feet
0 1,400 2,800 5,600
N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP R-10
Cherokee Trail Road
(Segment 70)

Project Location

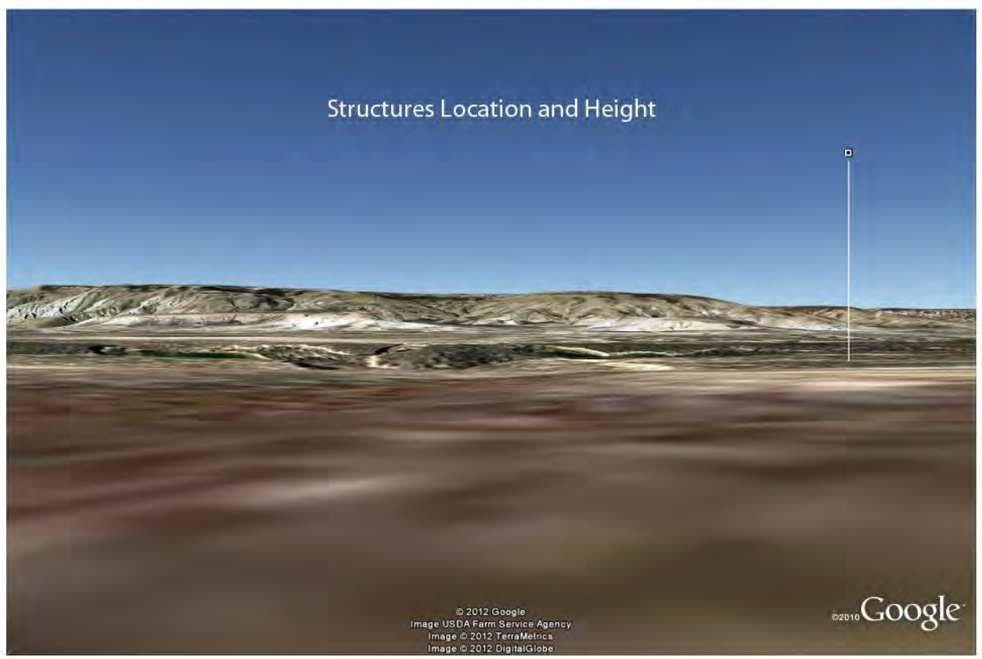
KOP Location

0 1,400 2,800 5,600 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP R-10
Simulated Condition
(Segment 70)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date	10/22/2011
District	Rawlins FO
Resource Area	
Activity (program)	

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location Old Cheroke Trail/WyomingSH 789 Township 13N Range 91W Section 4	5. Location Sketch Please see Figure 3.12-1
2. Key Observation Point R-11		
3. VRM Class IV (VRI-Class III)		

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

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

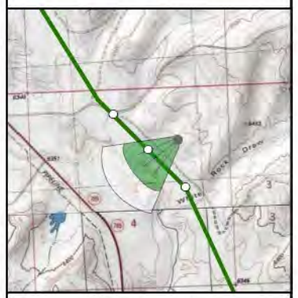
3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names	Date
M. Paulson	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



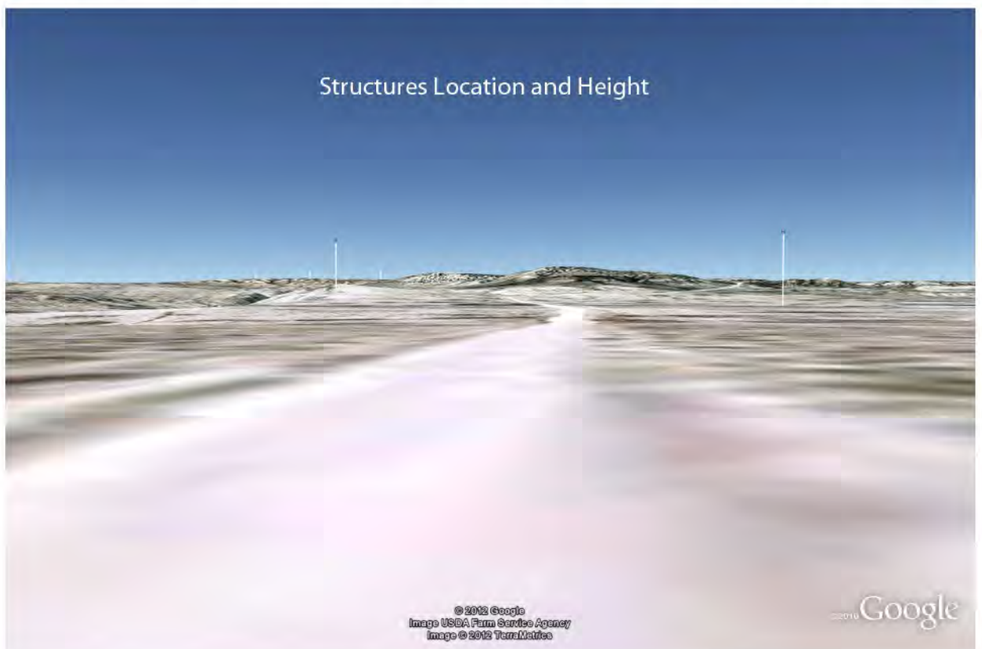
KOP Location

0 1,450 2,900 5,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP R-11
Old Cherokee Trail - near Wyoming State Hwy 789
(Segment 140.05)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 08/11/2011
District Rawlins FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: R-12
3. VRM Class: III (VRI Class III)
4. Location: Shell Creek Stock Trail; Township 13N; Range 94W; Section 22
5. Location Sketch: Please see Figure 3.12-1

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

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

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

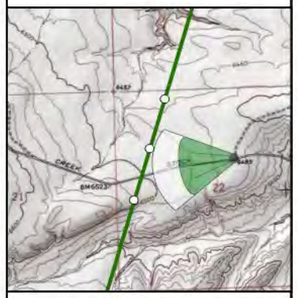
3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names: M. Paulson
Date: 08/11/2011

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

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

Project Location



KOP Location

0 1,450 2,900 5,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP R-12
Shell Creek Stock Trail
(Segment 120)

Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 10/15/2011
District Rawlins FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: R-13
3. VRM Class: IV (VRI Class II)
4. Location: Overland Trail-Wyoming SH 789; Township 17N; Range 92W; 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 horizontal and angular ridges. Angular side slopes and erosion cuts.	Organic clumps of pinyon-juniper, sagebrush and grasses.	Planar foreground roadway. Linear markers and fence posts.
LINE	Strong horizontal skyline. Angular side slopes. Horizontal valley floor.	Indistinct sagebrush, pinyon-juniper and grasses. Meandering sagebrush.	Linear horizontal foreground roadway, and vertical markers and fence posts..
COLOR	Very light, medium, and dark grey and brown exposed eroded slopes.	Bluish olive green sagebrush. Dark green PJ. Golden tan to brown grasses and forbs.	Light to medium grey foreground roadway, green markers, and dark brown fence posts.
TEX-TURE	Smooth to moderate exposed soils.	Coarse PJ and sagebrush. Smooth to coarse grasses.	Smooth to medium foreground roadway , markers, and fence posts..

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Strongly pyramidal steel lattice structures and spherical jumpers, and tubular conductors.
LINE			Vertical steel lattice structures, rounded jumpers, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, jumpers, and conductors.
TEX-TURE			Course steel lattice structures and smooth 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: 11/15/2011

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

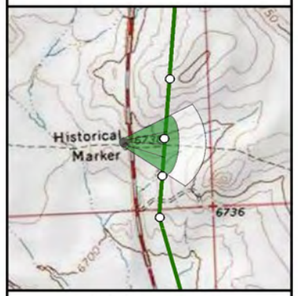
Feet
0 700 1,400 2,800

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP R-13
Overland Trail
Wyoming SH 789
(Segment 130)

Project Location



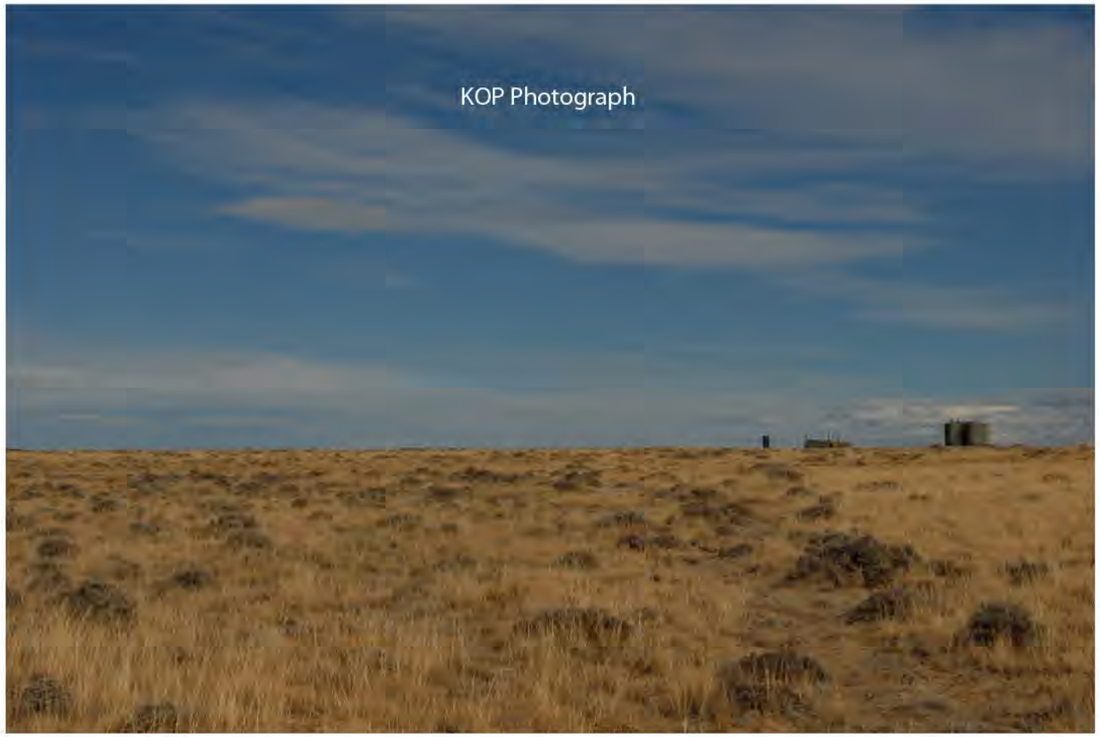
KOP Location

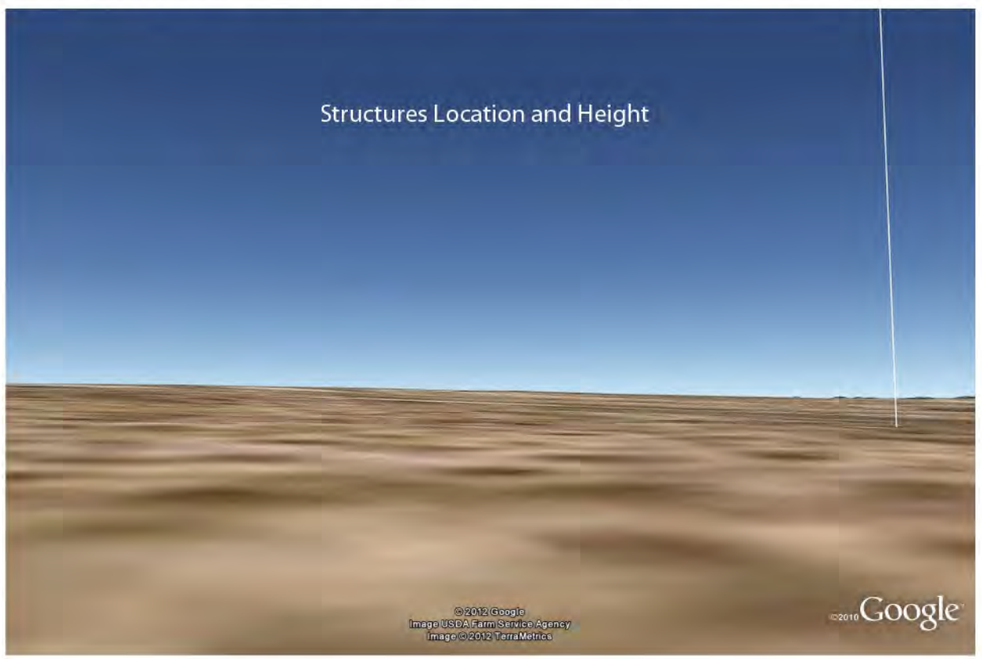
0 700 1,400 2,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP R-13
Simulated Condition
(Segment 130)





Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 10/15/2011
District Rawlins FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

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

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

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

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

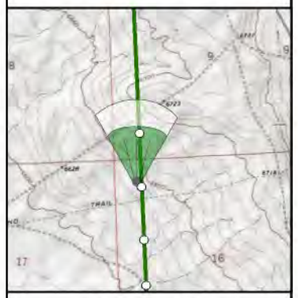
3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names: M. Paulson
Date: 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 objects. Contrasts in these situations would be moderate or weak. Mitigation measures (VR-3, VR-6, and VR-7) would further reduce contrasts.

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

Project Location



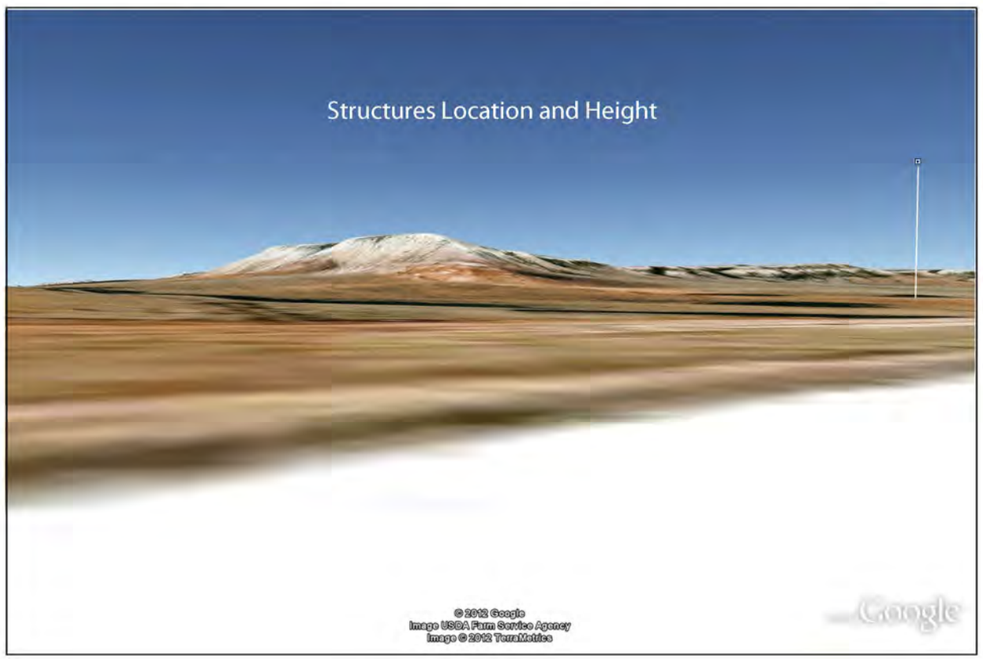
KOP Location

0 1,450 2,900 5,800 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP R-14
Overland Trail
(Segment 110)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 10/15/2011
District Rawlins FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: R-15
3. VRM Class: Private
4. Location: Overland Trail, Township 17N, Range 94W, Section 22
5. Location Sketch: Please see Figure 3.12-1

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

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

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

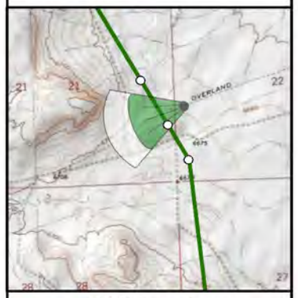
3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names: M. Paulson
Date: 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 R-15
Overland Trail
(Segment 60)

Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 05/31/2012
District Rawlins FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: R-16
3. VRM Class: III (VRI Class III)
4. Location: Shell Creek Stock Trail westbound
Township_____
Range_____
Section_____
5. Location Sketch: Please see Figure 3.12-1

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

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

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Strongly pyramidal steel lattice structures and guys, turning structure, 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)

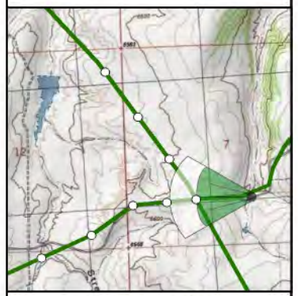
3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names: M. Paulson
Date: 05/31/2012

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

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

Project Location



KOP Location

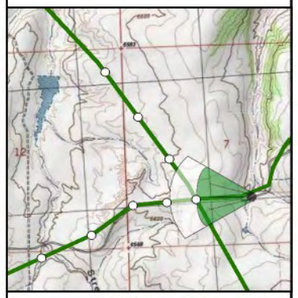
0 1,400 2,800 5,600 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP R-16
Shell Creek Stock Trail
(westbound)
(Segment 116)

Project Location



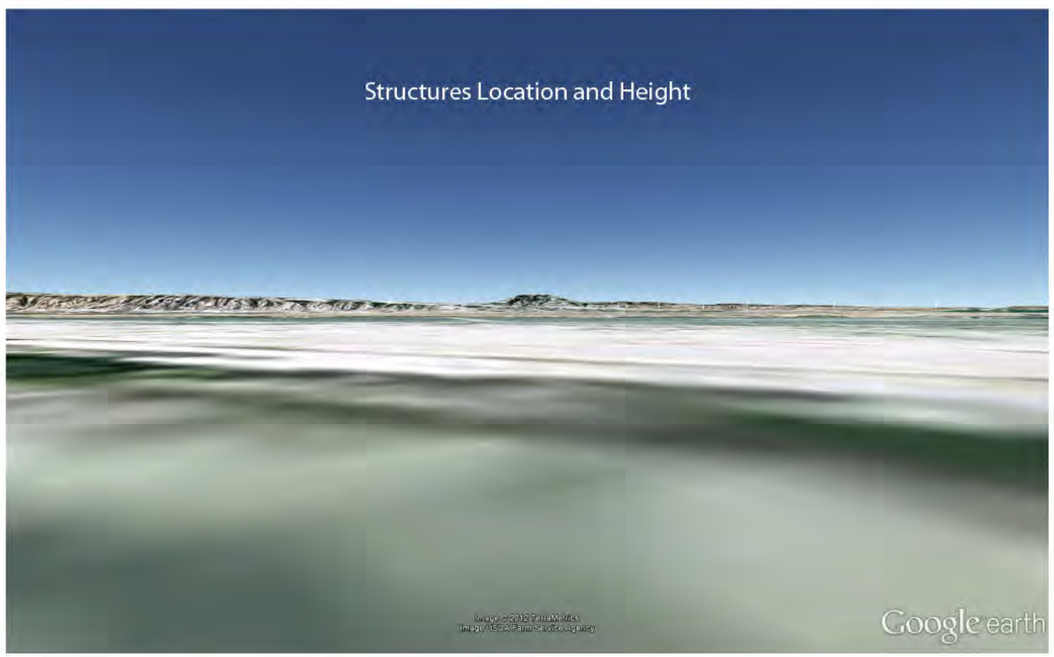
KOP Location

0 1,400 2,800 5,600 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP R-16
Simulated Condition
(Segment 116)



Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 05/29/2012
District Rock Springs FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name: TransWest Express
2. Key Observation Point: R-17
3. VRM Class: IV (VRI Class IV)
4. Location: Wyoming SH 789 (southbound)
Township_____
Range_____
Section_____
5. Location Sketch: Please see Figure 3.12-1

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

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

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

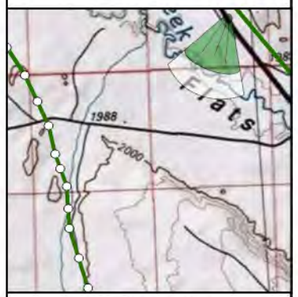
3. Additional mitigating measures recommended ☐ Yes ☐ No (Explain on reverse side)

Evaluator's Names: M. Paulson
Date: 05/29/2012

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 2,375 4,750 9,500 Feet

N W E S

TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP R-17
Wyoming State Hwy 789
(southbound)
(Segment 140)