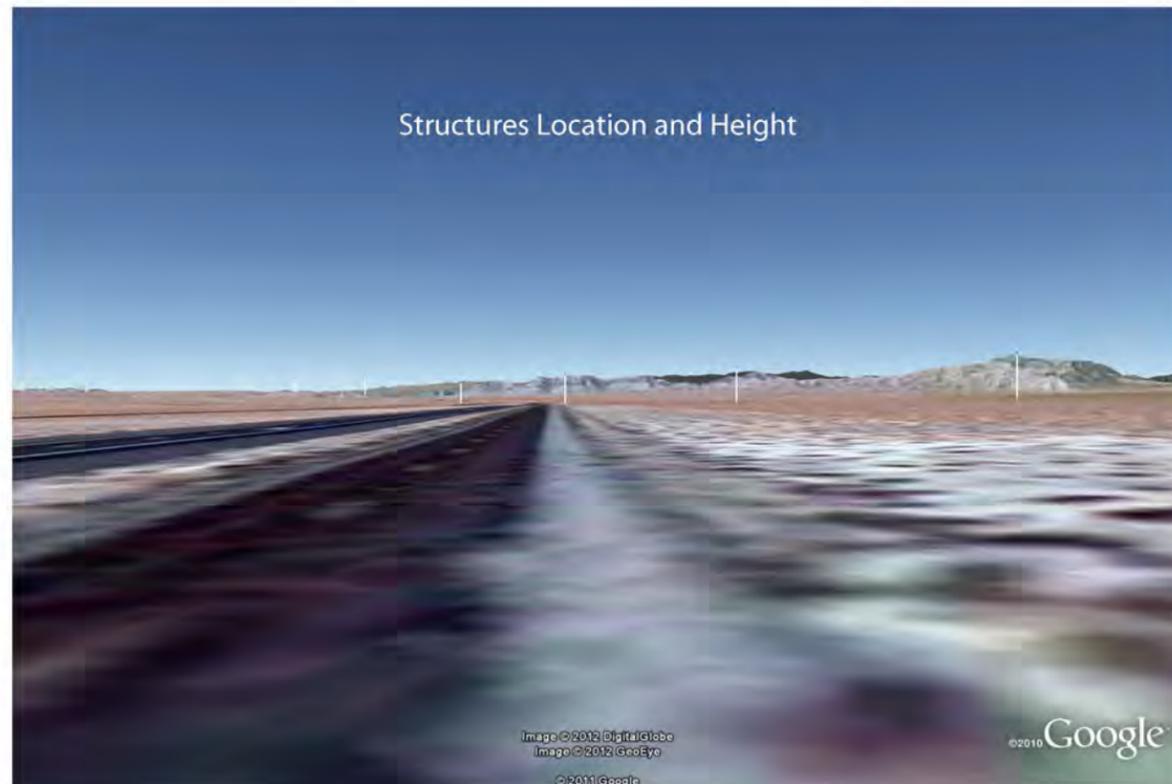




KOP Photograph



Structures Location and Height

Image © 2012 DigitalGlobe
Image © 2012 GeoEye
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Form 8400-4 (September 1985)

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

VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011

District Southern Nevada DO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location I-15 (southbound)	5. Location Sketch Please see Figure 3.12-3
2. Key Observation Point LV-1	Township 13S	
3. VRM Class III (VRI Class III)	Range 68E Section 034	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar valley floor. Angular background mountains and rock formations.	Blanket and clumps of shrubs and grasses. Sparse Joshua trees.	Planar roadway and multiple steel lattice and h-frame t-lines and utility poles.
LINE	Horizontal and angular ridgelines and rock formations. Horizontal valley floor.	Irregular Joshua trees, shrubs and grass patterns.	Horizontal roadway and vertical steel lattice t-lines. Vertical and horizontal h-frame poles. Curvilinear conductors.
COLOR	Light to medium reddish tan and grey..	Silver green and tan shrubs and tan grasses. Medium olive green Joshua trees.	Light, medium to dark grey roadway and t-lines. Medium to dark brown utility poles and fenceposts.
TEXTURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

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

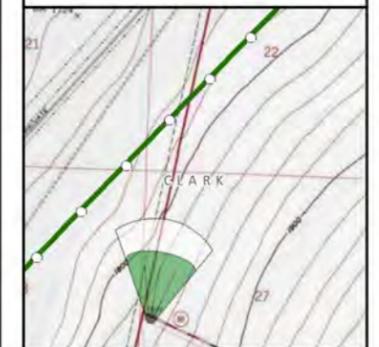
Rationale:

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

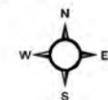
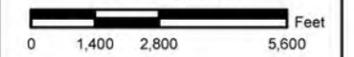
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP



Project Location



KOP Location



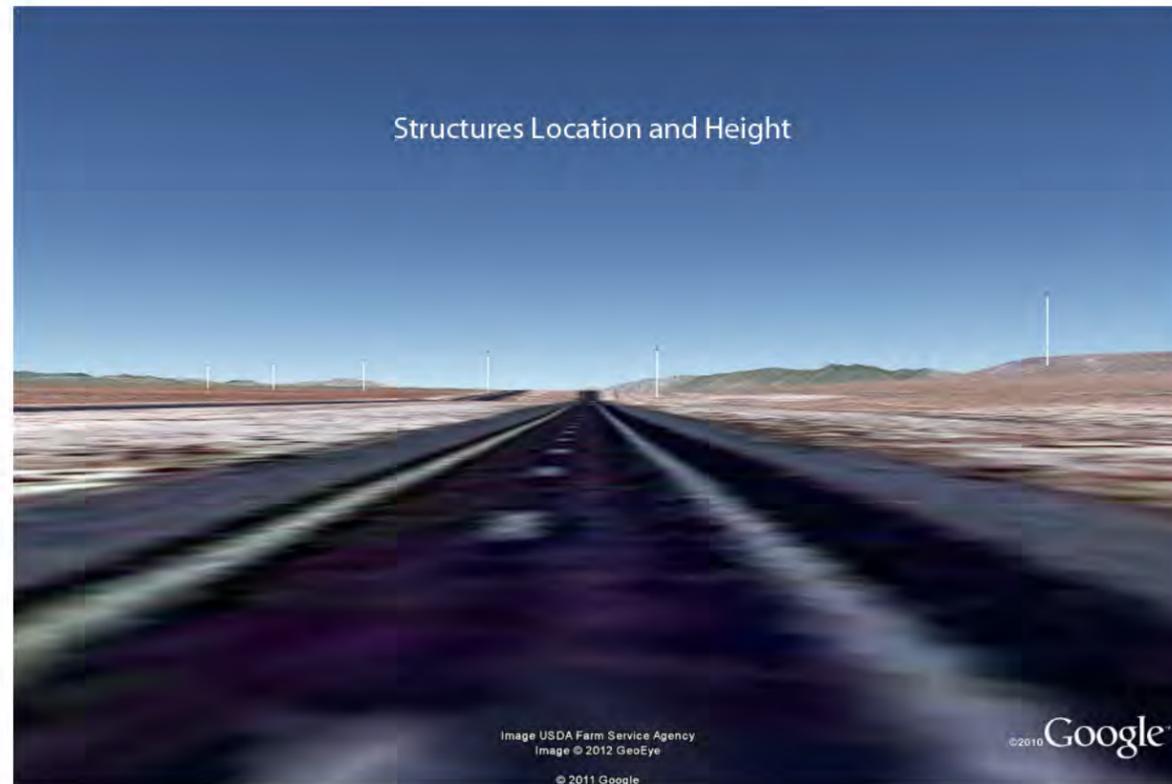
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-1
Interstate 15
(southbound)
(Segment 550)





KOP Photograph



Structures Location and Height

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

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

VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011
District Southern Nevada DO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location I-15 (southbound) Township 14S Range 68E Section 005	5. Location Sketch Please see Figure 3.12-3
2. Key Observation Point LV-2		
3. VRM Class III (VRI Class III)		

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar valley floor. Angular background mountains.	Blanket and clumps of shrubs and grasses. Sparse Joshua trees.	Planar roadway and row of utility poles.
LINE	Horizontal and angular ridgelines. Horizontal valley floor.	Irregular Joshua trees, shrubs and grass patterns.	Horizontal roadway and vertical utility poles.
COLOR	Light to medium reddish tan and grey.	Silver green and tan shrubs and tan grasses. Medium olive green Joshua trees.	Light, medium to dark grey roadway. Medium to dark brown utility poles.
TEXTURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

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

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

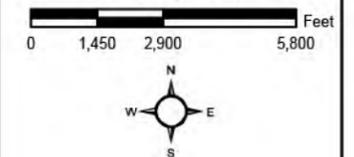
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP LV-2
Interstate 15
(southbound)
(Segment 550)



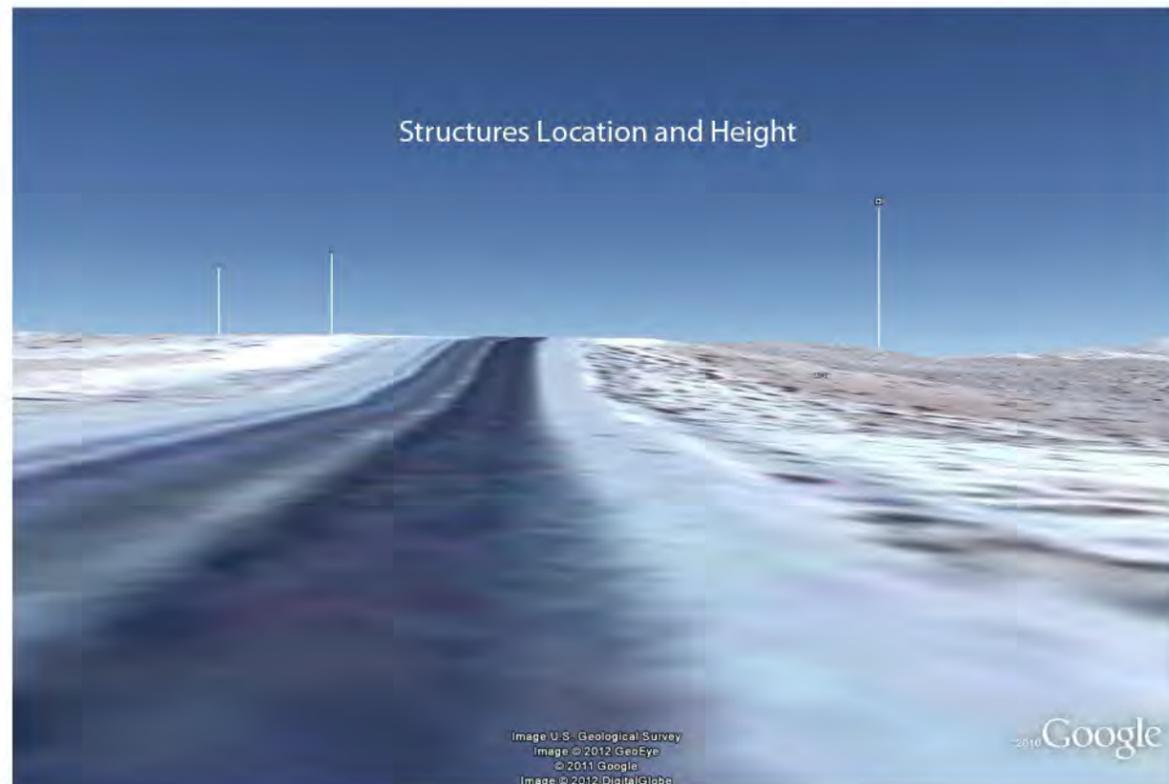


Image U.S. Geological Survey
 Image © 2012 GeoEye
 © 2011 Google
 Image © 2012 DigitalGlobe
 2010 Google

Form 8400-4 (September 1985)

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

VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011
 District Southern Nevada DO
 Resource Area
 Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location Nevada SH 169 (northbound) Township 15S Range 67E Section 009	5. Location Sketch Please see Figure 3.12-3
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SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Rolling hills.	Blanket and clumps of shrubs and grasses.	Undulating planar roadway and twin h-frame t-lines' cylindrical poles.
LINE	Horizontal, curvilinear and angular ridgelines.	Irregular shrubs and grass patterns.	Horizontal roadway and vertical and horizontal h-frame poles. Curvilinear conductors.
COLOR	Light to medium reddish tan and grey..	Dark green and tan shrubs and tan grasses.	Light, medium to dark grey roadway. Medium to dark brown utility poles. Light grey to silver conductors.
TEXTURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

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

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

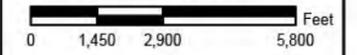
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



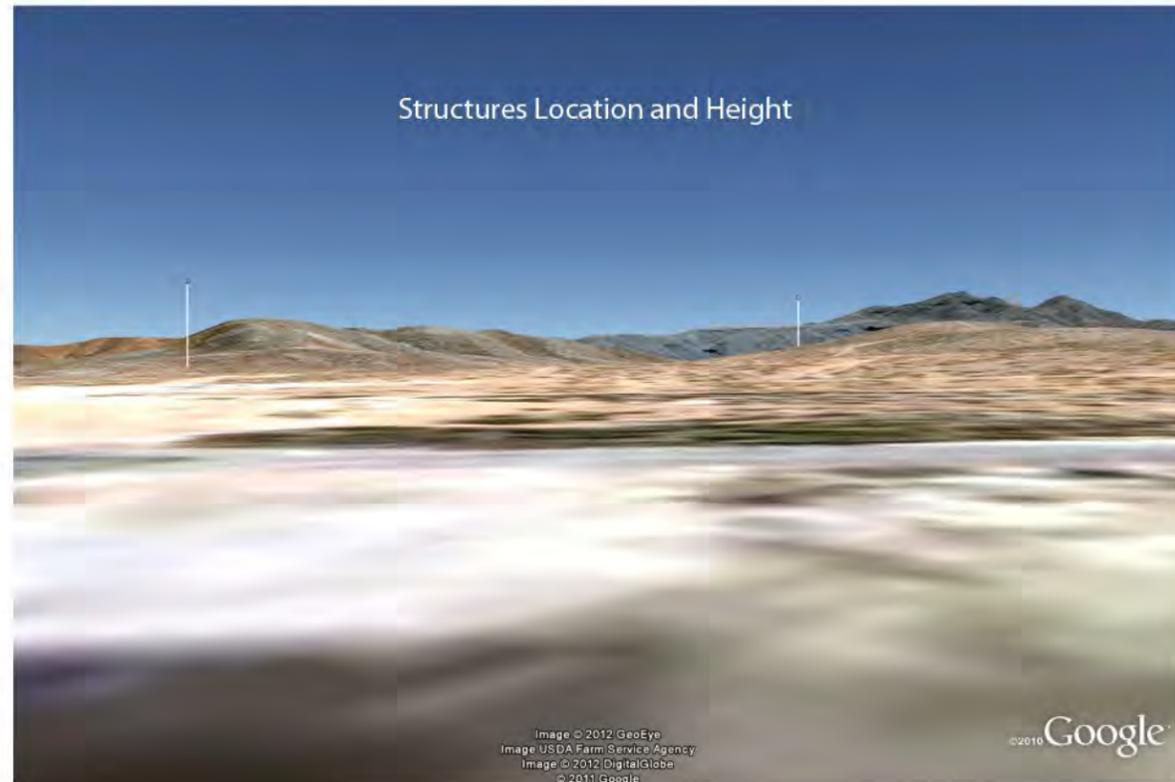
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-5
 Nevada State Hwy 169
 (northbound)
 (Segment 550)





KOP Photograph



Structures Location and Height

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

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Form 8400-4 (September 1985)

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

VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011

District Southern Nevada DO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location I-15/Hidden Valley Interchange	5. Location Sketch Please see Figure 3.12-3
2. Key Observation Point LV-6	Township 15S	
3. VRM Class III (VRI Class III)	Range 66E Section 015	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Rolling and angular hills.	Blanket and clumps of shrubs and grasses.	Planar roadway and parking area.
LINE	Horizontal, curvilinear and angular ridgelines.	Irregular shrubs and grass patterns.	Horizontal roadway and parking area.
COLOR	Light to medium reddish tan and grey..	Dark green and tan shrubs and tan grasses.	Light, medium tan roadway and parking area.
TEXTURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

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

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

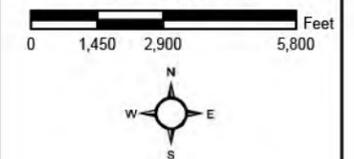
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP LV-6
Interstate 15
Hidden Valley Interchange
(Segment 550)





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

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

VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011
District Southern Nevada DO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location Nevada SH 169 (southbound) Township 17S Range 65E Section 008	5. Location Sketch Please see Figure 3.12-3
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SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar valley floor and angular mountains.	Blanket and clumps of shrubs and grasses.	Planar, slightly undulating roadway.
LINE	Horizontal valley floor, curvilinear and angular ridgelines.	Irregular shrubs and grass patterns.	Horizontal, slightly curvilinear roadway..
COLOR	Light to medium reddish tan and grey..	Dark tan and light green shrubs and tan grasses.	Light, medium to dark grey roadway.
TEX- TURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

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

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

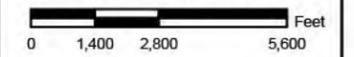
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



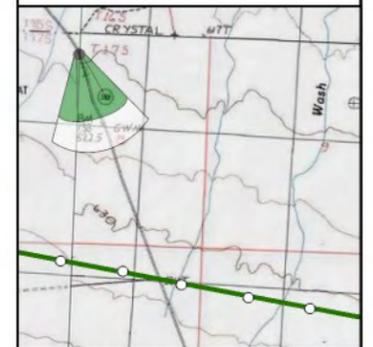
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP LV-7
Nevada State Hwy 169
(southbound)
(Segment 570)





Project Location



KOP Location



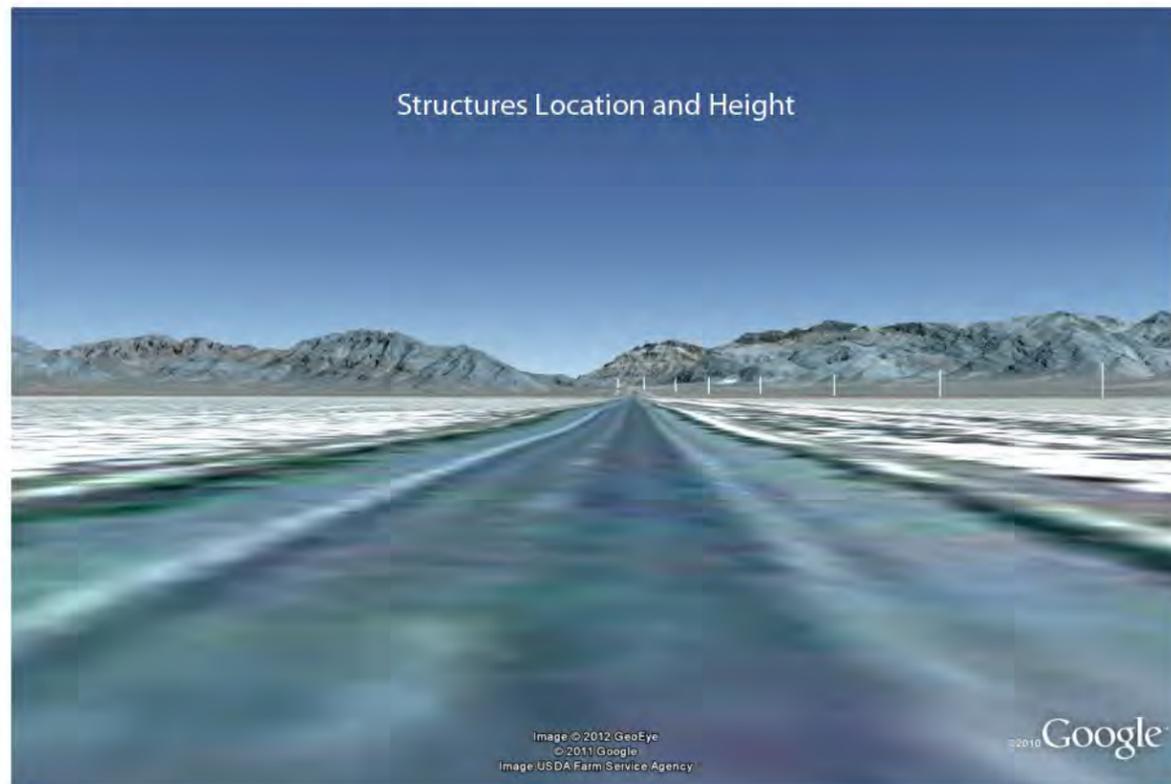
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP LV-7
(Segment 570)
Simulated Condition





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

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

VISUAL CONTRAST RATING WORKSHEET

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

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location U.S. 93 (northbound) Township 16S Range 63E Section 016	5. Location Sketch Please see Figure 3.12-3
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SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Undulating planar land form. Angular background mountains and rock formations.	Blanket and clumps of shrubs and grasses.	Planar roadway and cylindrical h-Frame poles. Pyramidal cell tower.
LINE	Horizontal foreground ridgeline and angular ridgelines and rock formations.	Irregular shrubs and grass patterns.	Horizontal roadway and vertical and horizontal h-Frame poles and curvilinear conductors. Vertical cell tower.
COLOR	Light to medium reddish tan and grey..	Silver green shrubs and tan grasses..	Light, medium to dark grey roadway and light grey cell tower. Medium to dark brown utility poles and conductors.
TEXTURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

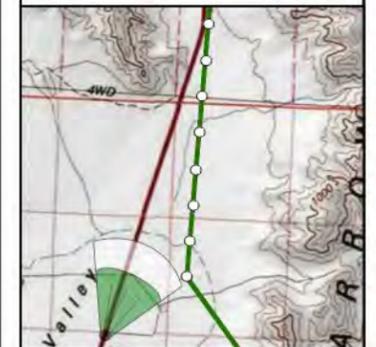
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No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

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

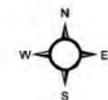
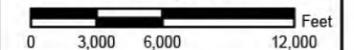
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-8
 U.S. 93 (northbound)
 (Segment 520)



KOP Photograph



Structures Location and Height



Form 8400-4
(September 1985)

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

Date 09/08/2011

District Southern Nevada DO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location U.S. 93 (eastbound) Township 17S Range 63E Section 032	5. Location Sketch Please see Figure 3.12-3
2. Key Observation Point LV-9		
3. VRM Class III (VRI Class III)		

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Undulating planar land form. Angular background mountains and rock formations.	Blanket and clumps of shrubs and grasses.	Planar roadway and pyramidal steel lattice towers.
LINE	Horizontal foreground ridgeline and angular ridgelines and rock formations.	Irregular shrubs and grass patterns.	Horizontal roadway, vertical steel lattice structures and horizontal curvilinear conductors. Vertical light poles
COLOR	Light to medium reddish tan and grey..	Silver green shrubs and tan grasses..	Light, medium to dark grey roadway and dark grey towers and poles.
TEXTURE	Smooth to medium landform.	Smooth, medium and coarse.	Medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

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

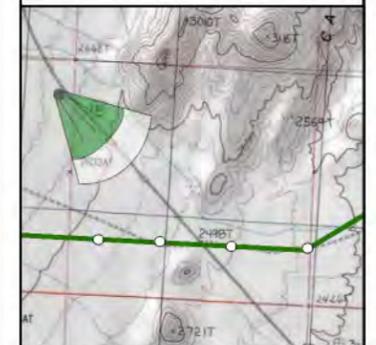
Rationale:

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

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



Project Location



KOP Location



TRANSWEST EXPRESS
TRANSMISSION PROJECT

KOP LV-9
U.S. 93 (eastbound)
(Segment 610)





Form 8400-4 (September 1985)

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

VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011

District Southern Nevada DO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location I-15 (southbound) Township 18S Range 63E Section 035	5. Location Sketch Please see Figure 3.12-3
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SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

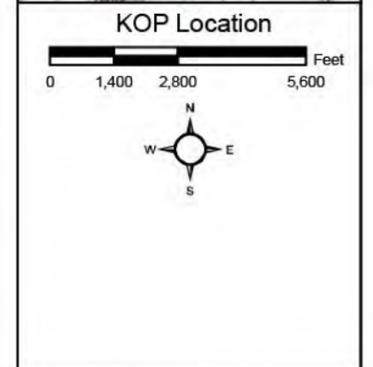
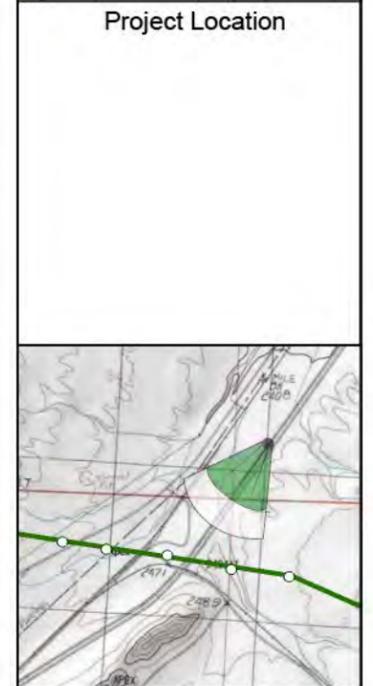
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar valley floor and angular mountains.	Blanket and clumps of shrubs and grasses.	Planar roadways and bridge. Multiple utilities, including t-lines, lights, and cell tower.
LINE	Horizontal valley floor, curvilinear and angular ridgelines.	Irregular shrubs and grass patterns.	Horizontal roadways and bridge. Vertical utilities.
COLOR	Light to medium reddish tan and grey..	Dark tan and light green shrubs and tan grasses.	Light, medium grey roadway and dark grey bridge. Medium to dark grey utilities.
TEXTURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

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



TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-10
Interstate-15
(southbound)
(Segment 610)

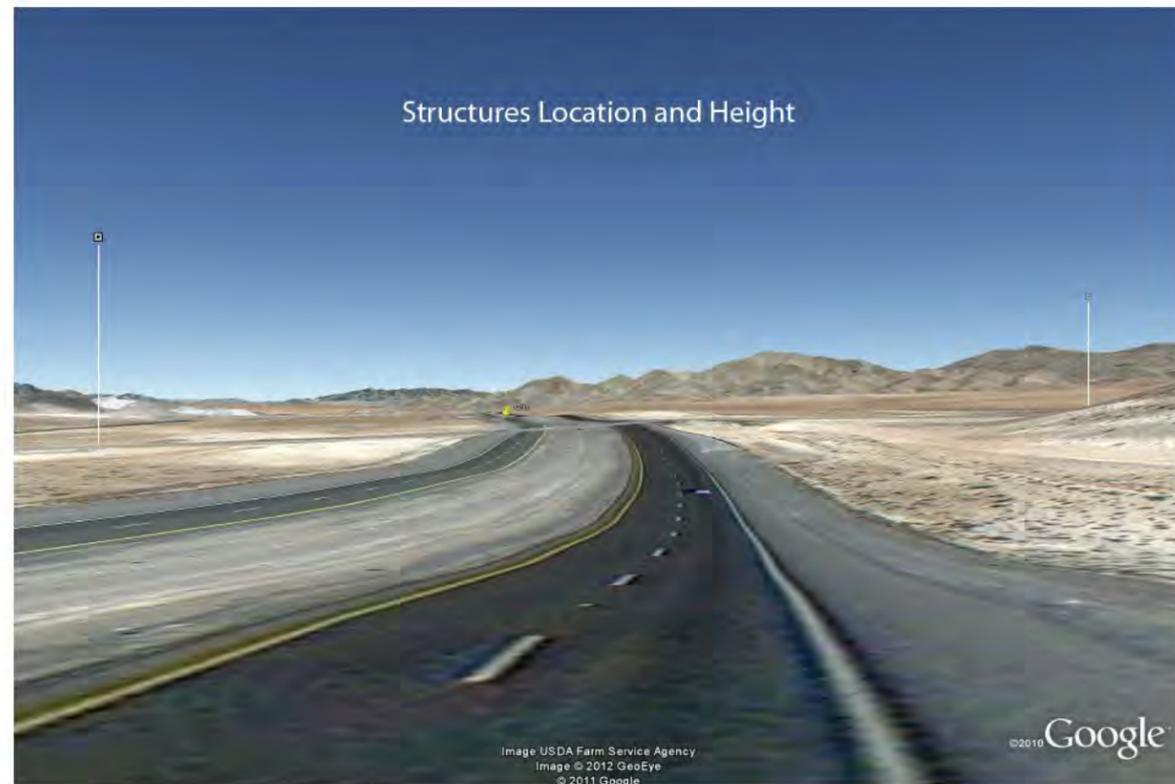


Rationale:

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



KOP Photograph



Structures Location and Height

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

©2010 Google

Form 8400-4
(September 1985)

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

VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011

District Southern Nevada DO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>I-15</u> (northbound)	5. Location Sketch Please see Figure 3.12-3
2. Key Observation Point LV-11	Township <u>19S</u>	
3. VRM Class Private	Range <u>63E</u>	
	Section <u>003</u>	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar valley floor and angular mountains.	Blanket and clumps of shrubs and grasses.	Planar roadways and bridge. Multiple utilities, including t-lines.
LINE	Horizontal valley floor, curvilinear and angular ridgelines.	Irregular shrubs and grass patterns.	Horizontal roadways and bridge. Vertical utilities.
COLOR	Light to medium reddish tan and grey.	Dark tan and light green shrubs and tan grasses.	Light, medium grey roadway and dark grey bridge. Medium to dark grey utilities.
TEXTURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

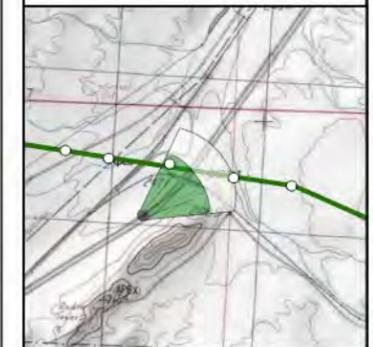
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM			Pyramidal steel lattice structures and guys, and tubular conductors.
LINE			Vertical steel lattice structures, angular guys, and curvilinear conductors.
COLOR			Light silver to dark grey steel lattice structures, guys, and conductors.
TEXTURE			Coarse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

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

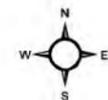
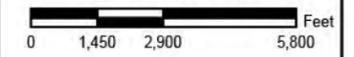
ELEMENTS	DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No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



Project Location



KOP Location



**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP LV-11
Interstate 15
(northbound)
(Segment 610)





Form 8400-4 (September 1985)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011

District Southern Nevada DO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location U.S. 93 (westbound). Township 23S Range 64E Section 007	5. Location Sketch Please see Figure 3.12-4
--------------------------------------	--	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

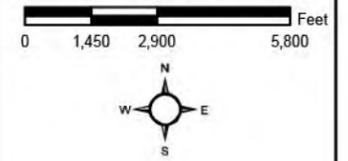
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Flat planar valley and angular mountains.	Clumps of desert shrubs and grasses.	Planar roadways. Pyramidal steel lattice structures. Cubed signage and structure and cylindrical highway sign pole.
LINE	Angular rock formations and ridgeline.	Irregular shrubs and grass patterns.	Horizontal roadway. Horizontal and vertical building and signage. Vertical utilities.
COLOR	Light to medium reddish tan and grey..	Dark green and tan desert shrubs and grasses.	Light, medium grey roadway. White structure and black to green signage. Medium to dark grey and brown utilities.
TEXTURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

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



TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-19
U.S. 93 (westbound)
(Segment 760)



Rationale:

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



KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

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

VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011

District Southern Nevada DO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location U.S. 93 (westbound). Township 21S Range 63E Section 033	5. Location Sketch Please see Figure 3.12-4
--------------------------------------	--	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Flat planar valley, disturbed planar mining, and angular mountains.	Clumps of desert shrubs and grasses.	Planar roadways. Multiple pyramidal steel lattice structures and multiple conductors.
LINE	Horizontal mining, angular ridgelines.	Irregular shrubs and grass patterns.	Horizontal roadway. Vertical t-line structures. Curvilinear conductors.
COLOR	Light to medium reddish tan and grey.	Dark brown and tan desert shrubs and grasses.	Medium to dark grey roadway. Medium to dark grey utilities.
TEXTURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

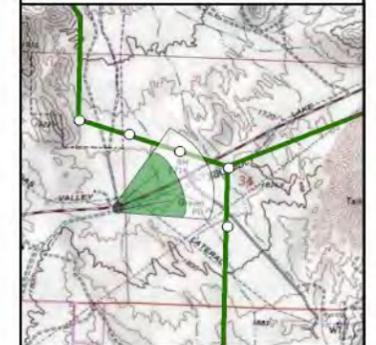
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input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

Rationale:

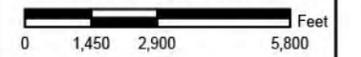
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-20
U.S. 93 (westbound)
(Segment 700)





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

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

VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011

District Southern Nevada DO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location U.S. 95 (northbound). Township 23S Range 63E Section 014	5. Location Sketch Please see Figure 3.12-4												
SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION														
1. LAND/WATER	2. VEGETATION	3. STRUCTURES												
FORM Flat planar valley, disturbed planar mining, and angular mountains.	Clumps of desert shrubs and grasses.	Planar roadways. Multiple pyramidal steel lattice structures and multiple conductors. Multiple buildings and signs.												
LINE Horizontal mining, angular ridgelines.	Irregular shrubs and grass patterns.	Horizontal roadway. Vertical t-line structures. Curvilinear conductors. Horizontal and vertical blds and signs.												
COLOR Light to medium reddish tan and grey.	Dark brown and tan desert shrubs and grasses.	Medium to dark grey roadway. Medium to dark grey utilities.												
TEXTURE Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.												
SECTION C. PROPOSED ACTIVITY DESCRIPTION														
1. LAND/WATER	2. VEGETATION	3. STRUCTURES												
FORM		Pyramidal steel lattice structures and guys, and tubular conductors.												
LINE		Vertical steel lattice structures, angular guys, and curvilinear conductors.												
COLOR		Light silver to dark grey steel lattice structures, guys, and conductors.												
TEXTURE		Coarse steel lattice structures, and smooth guys and conductors.												
SECTION D. CONTRAST RATING <input type="checkbox"/> SHORT TERM <input checked="" type="checkbox"/> LONG TERM														
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form													X	Evaluator's Names M. Paulson Date 09/09/2011
Line													X	
Color													X	
Texture													X	

Rationale:

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

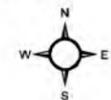
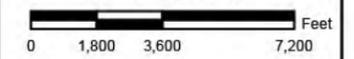
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-22
U.S. 95 (northbound)
(Segment 820)





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

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

VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011

District Southern Nevada DO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>U.S. 95</u> (northbound). Township <u>23S</u> Range <u>63E</u> Section <u>027</u>	5. Location Sketch Please see Figure 3.12-4
--------------------------------------	--	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Flat planar valley, planar mining disturbance and angular mountains.	Clumps of desert shrubs and grasses.	Planar roadways. Multiple pyramidal steel lattice structures and multiple conductors. Cylindrical utility poles.
LINE	Angular ridgelines and horizontal valley.	Irregular shrubs and grass patterns.	Horizontal roadway. Vertical t-line structures. Curvilinear conductors.
COLOR	Light to medium reddish tan and grey..	Dark brown and tan desert shrubs and grasses.	Medium to dark grey roadway. Medium to dark grey utilities.
TEXTURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

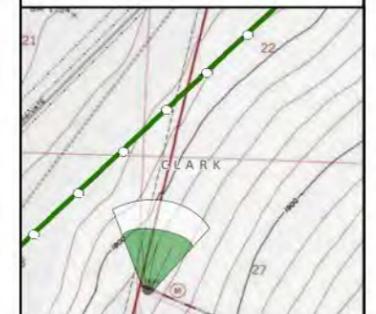
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input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

Rationale:

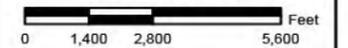
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



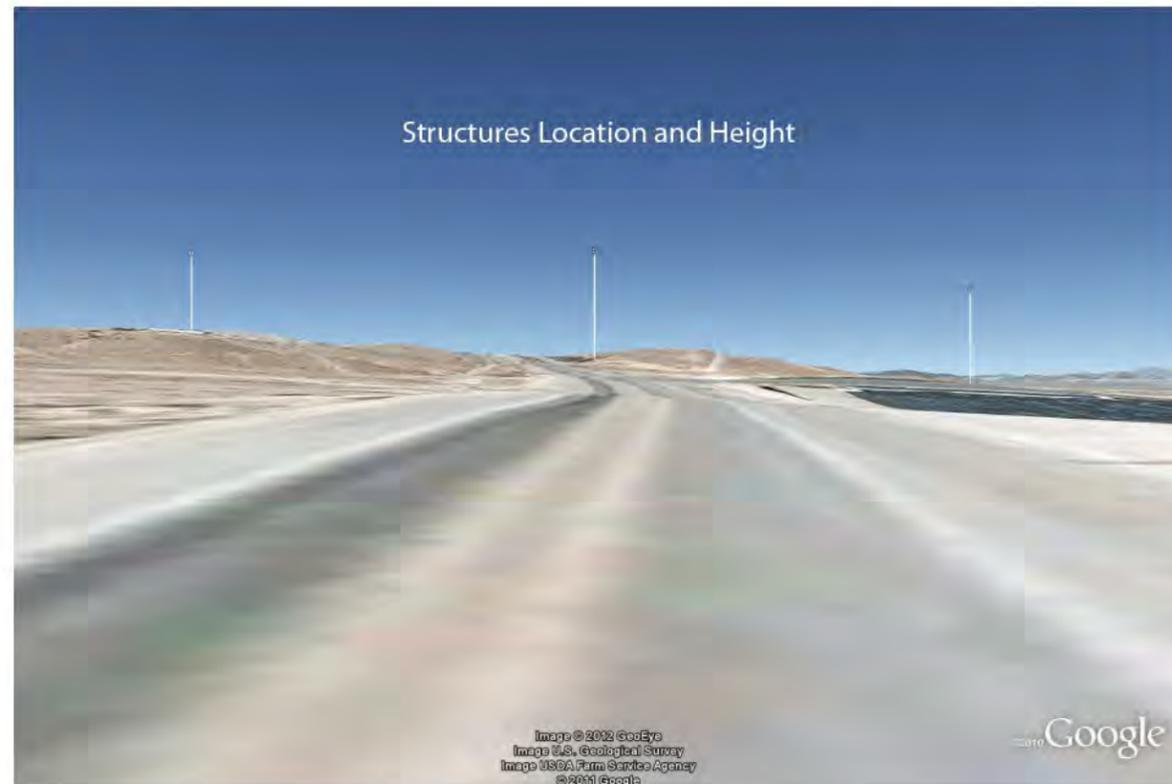
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP LV-23
U.S. 95 (northbound)
(Segment 770)





KOP Photograph



Structures Location and Height

Image © 2012 GeoEye
Image U.S. Geological Survey
Image USDA Farm Service Agency
© 2011 Google

Google

Form 8400-4
(September 1985)

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

VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011
District Southern Nevada DO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location Nevada SH 168 (westbound). Township Range Section	5. Location Sketch Please see Figure 3.12-3
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SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Flat planar valley and rolling hills.	Clumps of desert shrubs and grasses.	Planar roadway. Multiple pyramidal steel lattice structures and multiple conductors. Cylindrical utility poles.
LINE	Curvilinear ridgelines and horizontal valley.	Irregular shrubs and grass patterns.	Horizontal roadway. Vertical t-line structures. Curvilinear conductors.
COLOR	Light to medium reddish tan and grey..	Dark brown and tan desert shrubs and grasses.	Medium to dark grey roadway. Medium to dark grey utilities. Dark brown utility poles.
TEXTURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

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

Rationale:

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

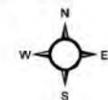
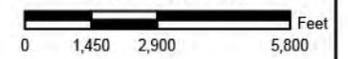
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



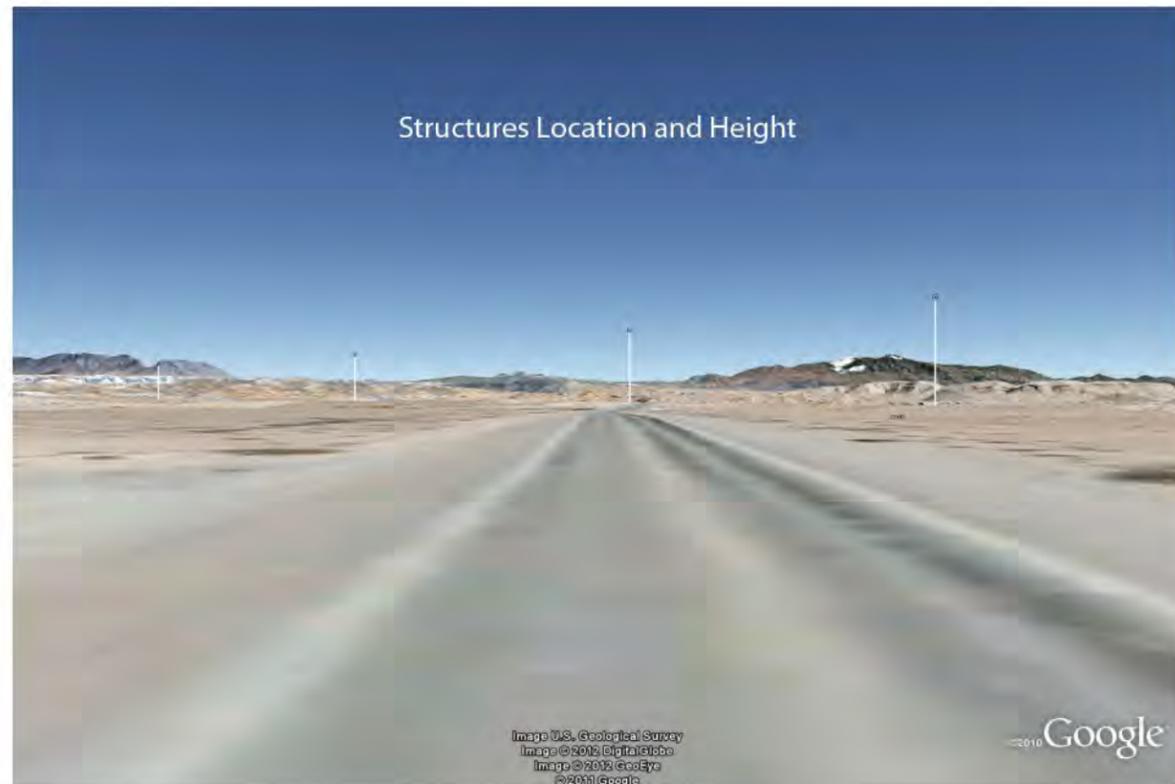
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-34
Nevada State Hwy 168
(westbound)
(Segment 540)





KOP Photograph



Structures Location and Height

Image U.S. Geological Survey
Image © 2012 DigitalGlobe
Image © 2012 GeoEye
© 2011 Google

© 2011 Google

Form 8400-4
(September 1985)

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

VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011

District Southern Nevada DO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location Nevada SH 168 (eastbound). Township 14S Range 66E Section 033	5. Location Sketch Please see Figure 3.12-3
--------------------------------------	---	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Flat planar valley, rolling hills and angular mountains.	Ciumps of desert shrubs and grasses.	Planar roadways. Pyramidal steel lattice structures. Cylindrical utility poles.
LINE	Curvilinear ridgelines and horizontal valley.	Irregular shrubs and grass patterns.	Horizontal roadway. Vertical t-line structures.
COLOR	Light to medium reddish tan and grey..	Dark brown and tan desert shrubs and grasses.	Medium to dark grey roadway. Medium to dark grey utilities. Dark brown utility poles.
TEX- TURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

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

Rationale:

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

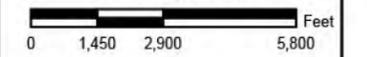
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



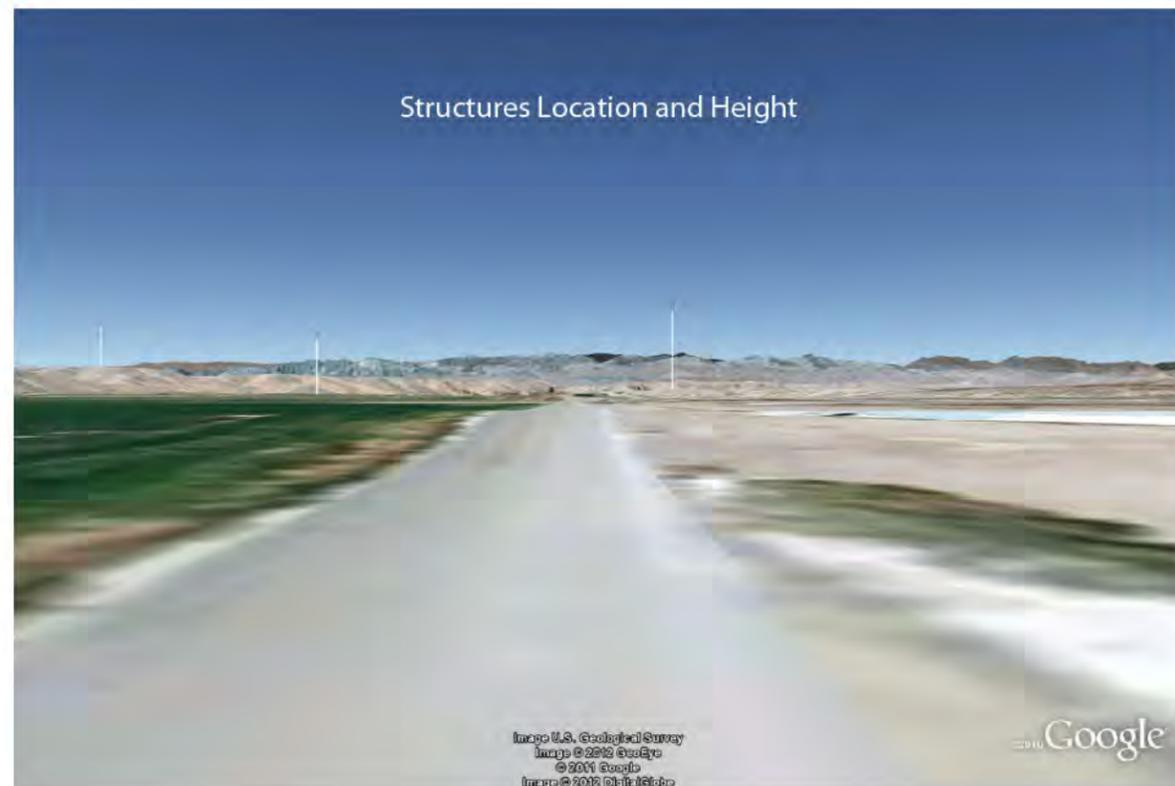
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP LV-35
Nevada State Hwy 168
(eastbound)
(Segment 540)





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

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

VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011

District **Southern Nevada DO**

Resource Area _____

Activity (program) _____

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location Nevada SH 168 (eastbound) Township 15S Range 66E Section 4	5. Location Sketch Please see Figure 3.12-3
--------------------------------------	--	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Flat planar valley, rolling hills and angular mountains.	Clumps of desert shrubs and grasses.	Planar roadways. Pyramidal steel lattice structures. Cylindrical utility poles.
LINE	Curvilinear ridgelines and horizontal valley.	Irregular shrubs and grass patterns.	Horizontal roadway. Vertical t-line structures.
COLOR	Light to medium reddish tan and grey.	Dark brown and tan desert shrubs and grasses.	Medium to dark grey roadway. Medium to dark grey utilities. Dark brown utility poles.
TEXTURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

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

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

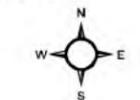
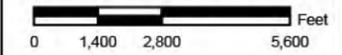
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



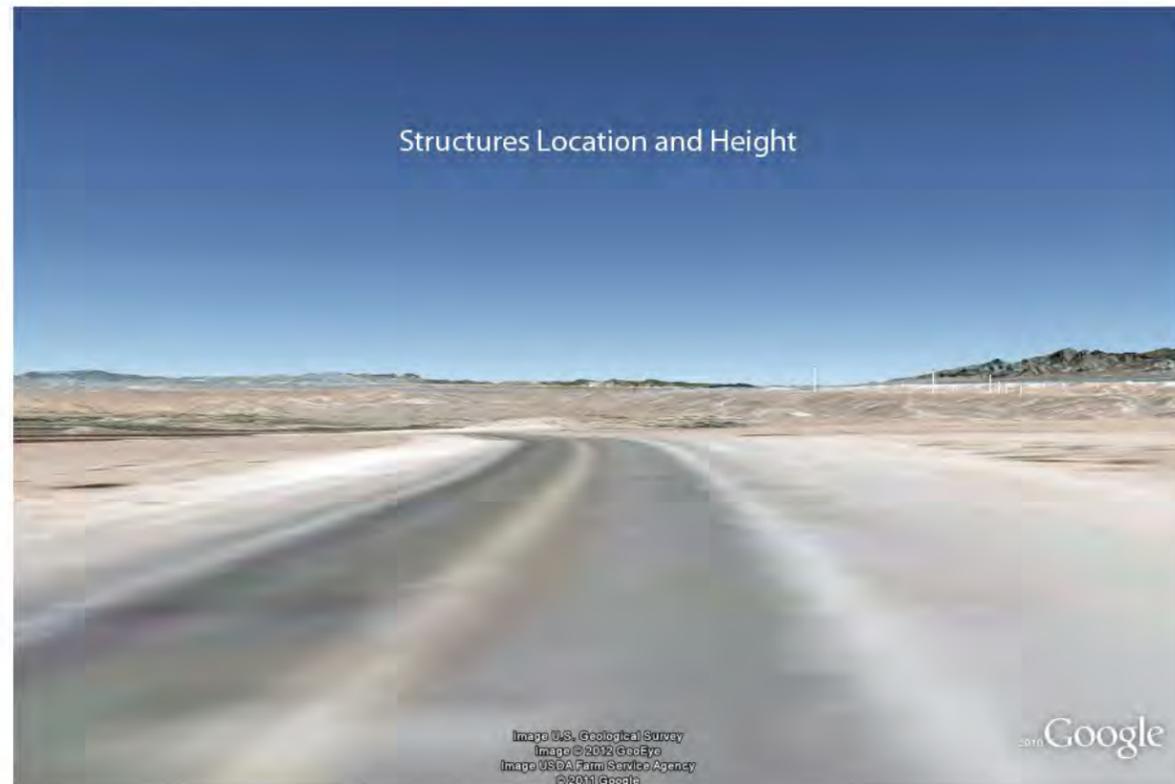
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP LV-36
 Nevada State Hwy 168
 (westbound)
 (Segment 540)





KOP Photograph



Structures Location and Height

Image U.S. Geological Survey
Image © 2012 GeoEye
Image USDA Farm Service Agency
© 2011 Google

Google

Form 8400-4
(September 1985)

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

VISUAL CONTRAST RATING WORKSHEET

Date 09/09/2011

District Southern Nevada DO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location Nevada SH 78 (westbound). Township 15S Range 660E Section 10	5. Location Sketch Please see Figure 3.12-3
--------------------------------------	---	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Flat planar valley and rolling hills.	Clumps of desert shrubs and grasses.	Planar roadway. Multiple pyramidal steel lattice structures and multiple conductors. Cylindrical utility poles.
LINE	Curvilinear ridgelines and horizontal valley.	Irregular shrubs and grass patterns.	Horizontal roadway. Vertical t-line structures. Curvilinear conductors.
COLOR	Light to medium reddish tan and grey.	Dark brown and tan desert shrubs and grasses.	Medium to dark grey roadway. Medium to dark grey utilities. Dark brown utility poles.
TEXTURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

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

Rationale:

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

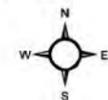
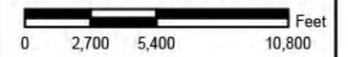
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-37
Nevada State Hwy 78
(westbound)
(Segment 540)





KOP Photograph



Structures Location and Height

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

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Form 8400-4 (September 1985)

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

VISUAL CONTRAST RATING WORKSHEET

Date 09/10/2011
District Southern Nevada DO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location I-15 (southbound) Township 17S Range 64E Section 015	5. Location Sketch Please see Figure 3.12-3
--------------------------------------	--	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Rolling hills and angular mountains.	Clumps of desert shrubs and grasses.	Planar roadways. Pyramidal steel lattice structures and multiple conductors.
LINE	Curvilinear and angular ridgelines.	Irregular shrubs and grass patterns.	Horizontal roadway. Vertical t-line structures. Curvilinear conductors.
COLOR	Light to medium reddish tan and grey..	Dark brown and tan desert shrubs and grasses.	Medium to dark grey roadway. Medium to dark grey utilities. Dark brown utility poles.
TEXTURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

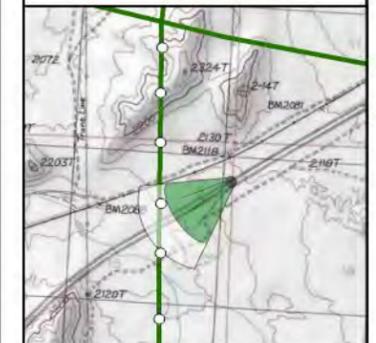
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form									X				Evaluator's Names M. Paulson	Date 09/10/2011
Line											X			
Color											X			
Texture											X			

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

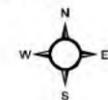
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-38
Interstate 15
(southbound)
(Segment 590)





KOP Photograph



Structures Location and Height

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

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Form 8400-4
(September 1985)

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

VISUAL CONTRAST RATING WORKSHEET

Date 09/10/2011

District Southern Nevada DO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location I-15 (northbound).	5. Location Sketch Please see Figure 3.12-3
2. Key Observation Point LV-39	Township 17S	
3. VRM Class III (VRI Class III)	Range 64E	
	Section 015	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Rolling hills and angular mountains.	Clumps of desert shrubs and grasses.	Planar roadways. Pyramidal steel lattice structures and multiple conductors.
LINE	Curvilinear and angular ridgelines.	Irregular shrubs and grass patterns.	Horizontal roadway. Vertical t-line structures. Curvilinear conductors.
COLOR	Light to medium reddish tan and grey..	Dark brown and tan desert shrubs and grasses.	Medium to dark grey roadway. Medium to dark grey utilities. Dark brown utility poles.
TEX- TURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)		
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None			
Form													X	Evaluator's Names M. Paulson	Date 09/10/2011
Line													X		
Color													X		
Texture													X		

Rationale:

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

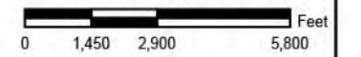
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



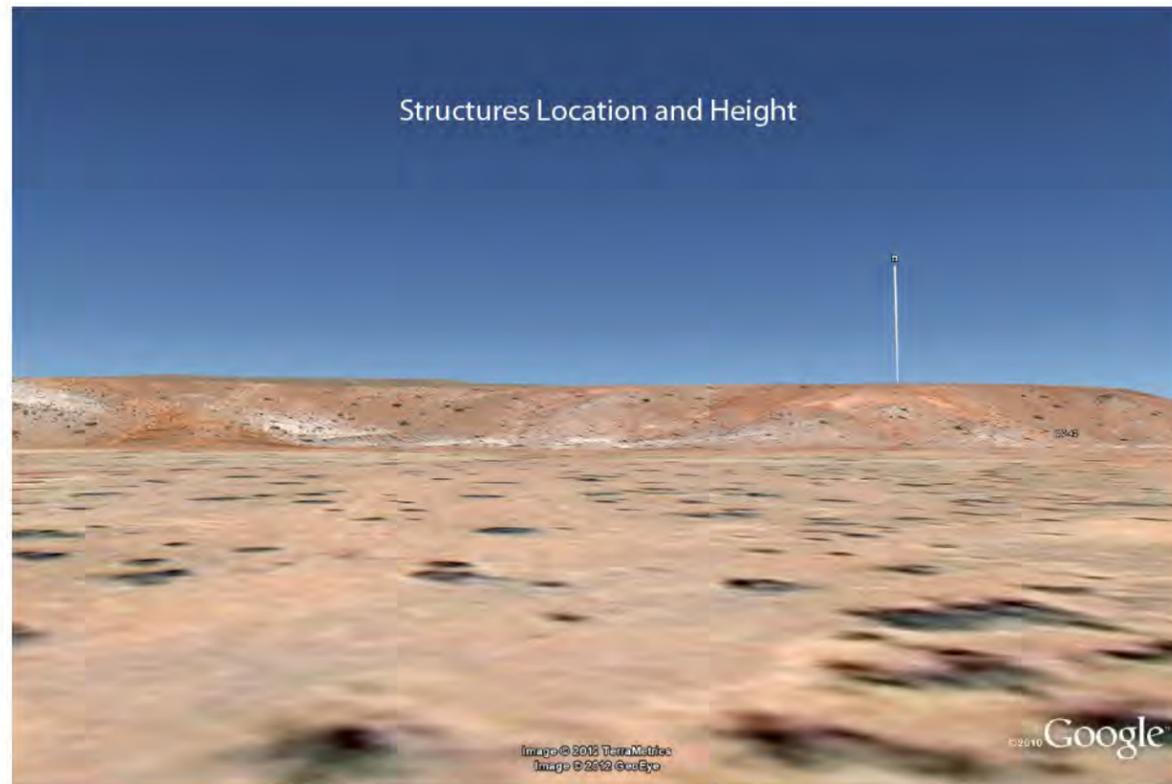
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP LV-39
Interstate 15
(northbound)
(Segment 590)





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

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

VISUAL CONTRAST RATING WORKSHEET

Date 09/10/2011

District **Southern Nevada DO**

Resource Area _____

Activity (program) _____

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Lake Mead Blvd Recreation Area</u>	5. Location Sketch Please see Figure 3.12-4
2. Key Observation Point LV-41	Township <u>20S</u>	
3. VRM Class III (VRI Class III)	Range <u>63E</u>	
	Section <u>026</u>	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Rolling hills and angular mountains.	Clumps of desert shrubs and grasses.	Planar parking and signage.
LINE	Curvilinear and angular ridgelines.	Irregular shrubs and grass patterns.	Horizontal gravel parking and vertical and horizontal signage.
COLOR	Light to medium reddish tan and grey.	Dark brown and tan desert shrubs and grasses.	Light to medium gray parking. White, green, and reddish brown signage.
TEXTURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

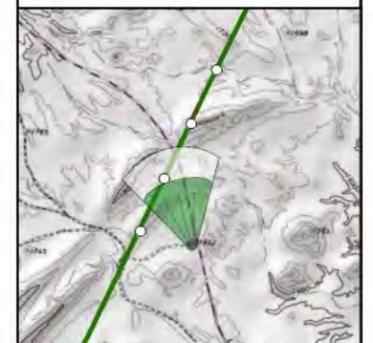
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form										X			Evaluator's Names M. Paulson	Date 09/10/2011
Line										X				
Color											X			
Texture											X			

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

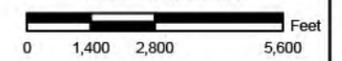
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-41
Lake Mead Boulevard Recreation Area (Segment 630)





U.S. Department of the Interior
Your Recovery Dollars at Work

Rainbow Gardens Area of Critical Environmental Concern
Southern Nevada District Office, Las Vegas

Kodachrome Road Repairs and Restoration Project

Kodachrome Road is a designated route within the Rainbow-Gardens Area of Critical Environmental Concern. The area is a treasure trove of rare plants, unique geology and cultural resources, and biodiversity. An additional road is needed to facilitate repair, maintenance, and safety for the road.

As a result of these invaluable activities, new roads have been needed to get around the difficult terrain. These new roads are designed to be safe, durable, and provide quality and safety for the area. Restoration of environmentally sensitive areas will include soil stabilization, water quality and filtration, and soil sealing.

Using funding from the American Recovery and Reinvestment Act of 2009, the U.S. Army Corps of Engineers is providing the necessary funding to restore the natural and cultural resources of the area and provide long-term solutions to road deterioration. The goal for the project is to provide a safe and reliable road for the future and provide a safe and enjoyable experience for the thousands of the public.

Consultants
Construction Supervised By:
U.S. Army Corp of Engineers - Los Angeles District.

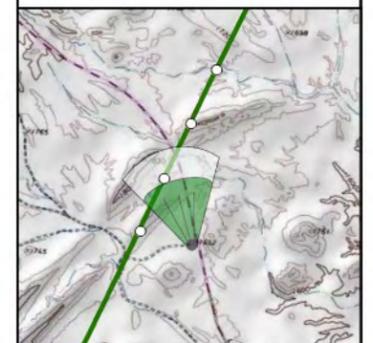
Barajas and Associates, Inc.
Contractor

S&B Christ Consulting LLC
Civil Engineer

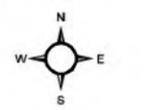
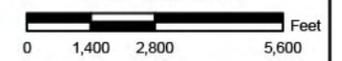
Land Survey Technologies, Inc.
Surveyor



Project Location



KOP Location



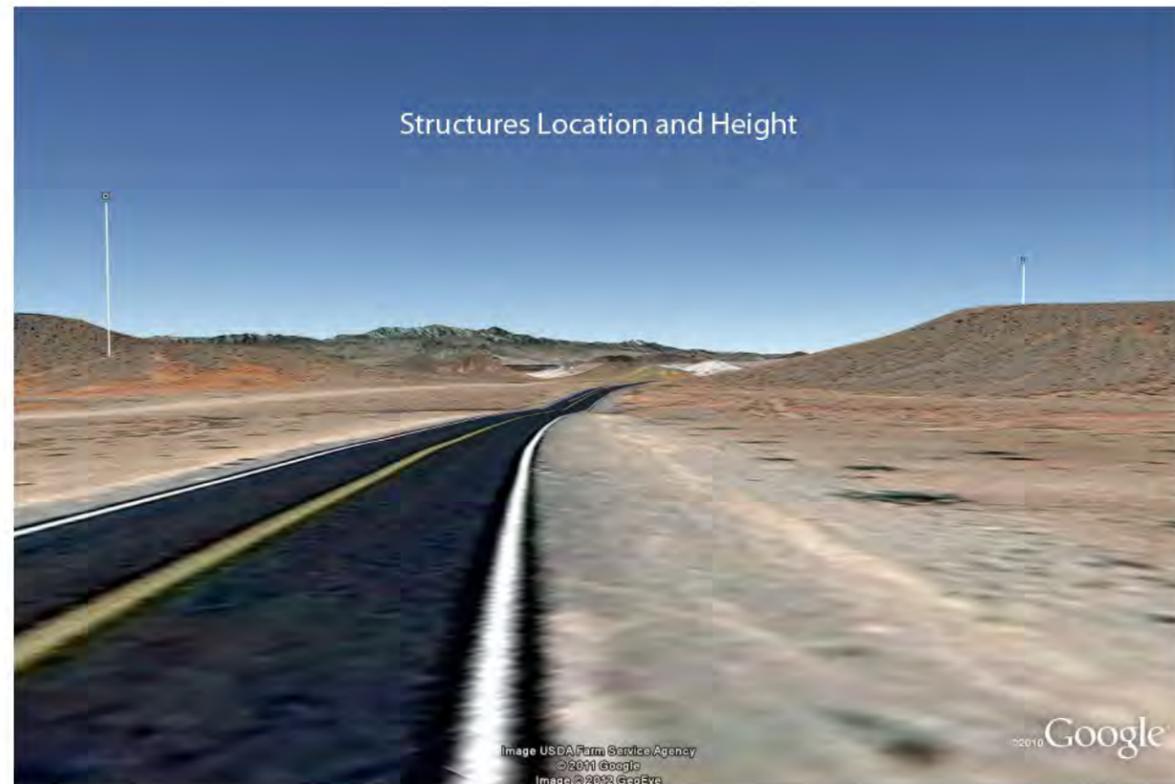
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-41
(Segment 630)
Simulated Condition





KOP Photograph



Structures Location and Height

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

©2010 Google

Form 8400-4 (September 1985)

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

VISUAL CONTRAST RATING WORKSHEET

Date 09/10/2011
District Southern Nevada DO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Lake Mead Blvd (southbound)</u> Township <u>20S</u> Range <u>63E</u> Section <u>022</u>	5. Location Sketch Please see Figure 3.12-4
--------------------------------------	---	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Rolling hills and angular mountains. Planar water.	Clumps of desert shrubs and grasses.	Planar roadway. Multiple pyramidal steel structures.
LINE	Curvilinear and angular ridgelines. Horizontal water.	Irregular shrubs and grass patterns.	Meandering roadway and vertical t-lines. Curvilinear conductors.
COLOR	Light to medium reddish tan and grey..	Dark brown and tan desert shrubs and grasses.	Medium to dark grey roadway and dark grey t-lines.
TEX- TURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form													X	Evaluator's Names M. Paulson Date 09/10/2011
Line													X	
Color													X	
Texture													X	

Rationale:

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

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



Project Location



KOP Location



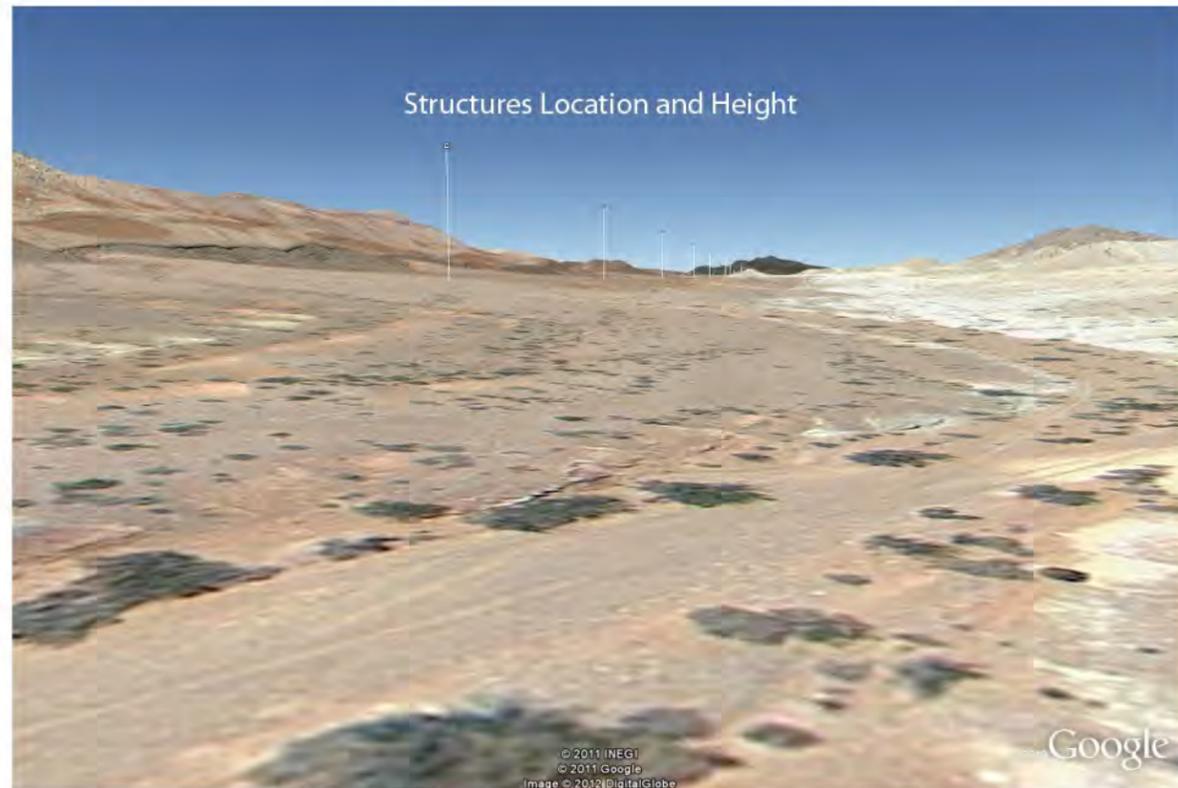
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-42
Lake Mead Boulevard (southbound)
(Segment 630)





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

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

VISUAL CONTRAST RATING WORKSHEET

Date 09/10/2011

District Southern Nevada DO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Pabco BLM Recreation Road</u> Township <u>21S</u> Range <u>63E</u> Section <u>004</u>	5. Location Sketch Please see Figure 3.12-4
--------------------------------------	---	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Rolling hills and angular mountains. Planar water.	Clumps of desert shrubs and grasses.	Planar roadway. Cuboid bollards. Linear cables.
LINE	Curvilinear and angular ridgelines. Horizontal water.	Irregular shrubs and grass patterns.	Meandering roadway. Vertical and horizontal bollards and curvilinear cables.
COLOR	Light to medium reddish tan and grey..	Dark brown and tan desert shrubs and grasses.	Light to medium reddish tan roadway. Medium to dark brown bollards.
TEXTURE	Smooth to medium landform.	Smooth, medium and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

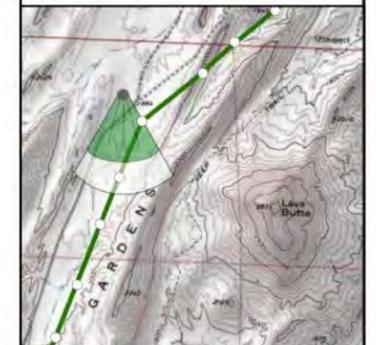
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form									X				Evaluator's Names: M. Paulson Date: 09/10/2011	
Line									X					
Color										X				
Texture										X				

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

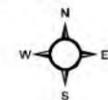
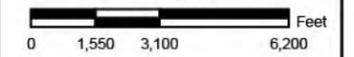
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



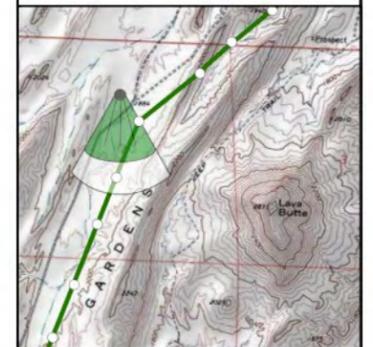
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP LV-43
Pabco BLM
Recreation Road
(Segment 630)

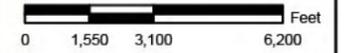




Project Location



KOP Location



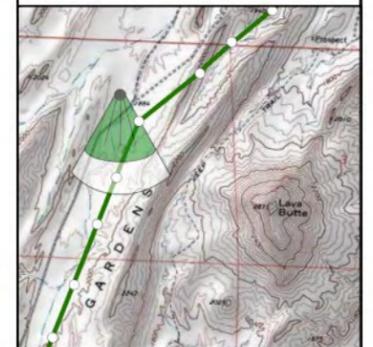
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP LV-43
Simulated Condition
(Segment 630)

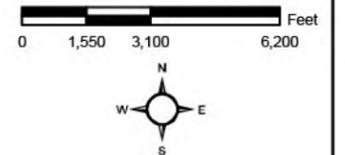




Project Location



KOP Location



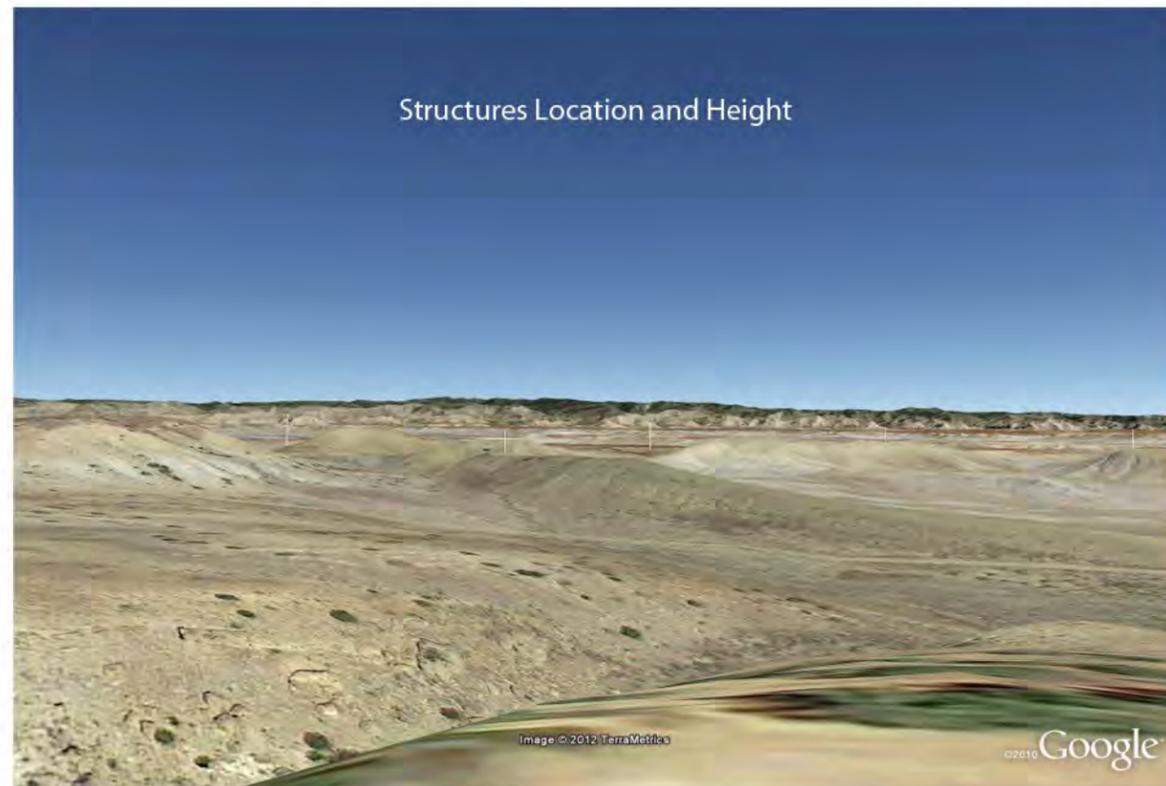
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP LV-43
Cumulative Condition
(Segment 630)





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

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

VISUAL CONTRAST RATING WORKSHEET

Date 07/26/2011

District Moab FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location I-70 Scenic Overlook	5. Location Sketch Please see Figure 3.12-2
2. Key Observation Point M-1	Overlook Township 19S	
3. VRM Class III (VRI Class III)	Range 25E Section 2	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar ridgeline. Irregular and rounded background mesas. Rolling valley ridges.	Scattered clumps of trees, grasses and forbs.	NA
LINE	Horizontal ridgeline.	Irregular edges of trees, shrubs and grasses.	NA
COLOR	Light to medium light brown and grey rock and soil.	Light tan to medium reddish browns.	NA
TEXTURE	Smooth to coarse landforms.	Smooth, moderate and coarse.	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

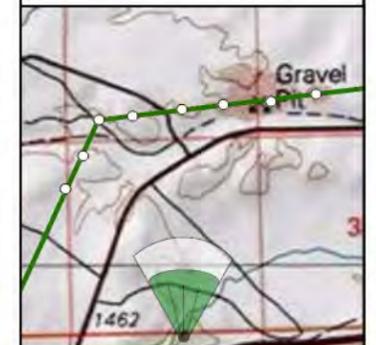
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form											X		Evaluator's Names M. Paulson	Date 01/04/13
Line											X			
Color												X		
Texture												X		

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

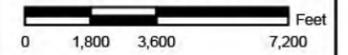
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



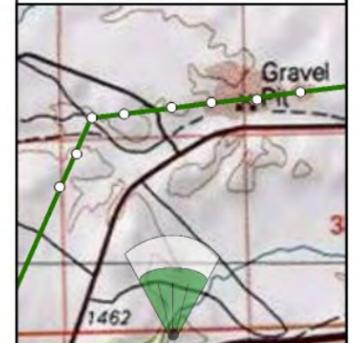
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP M-1
I-70 Scenic Overlook
(Segment 220.1)

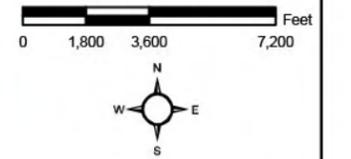




Project Location



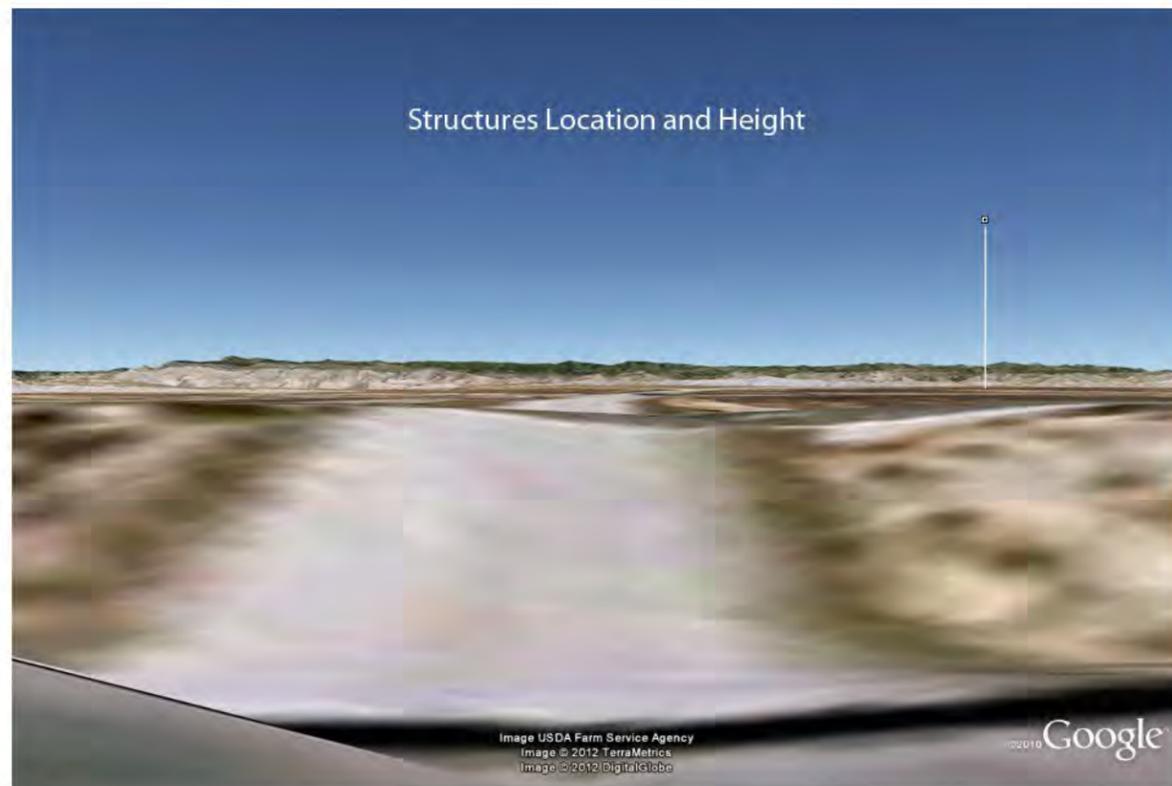
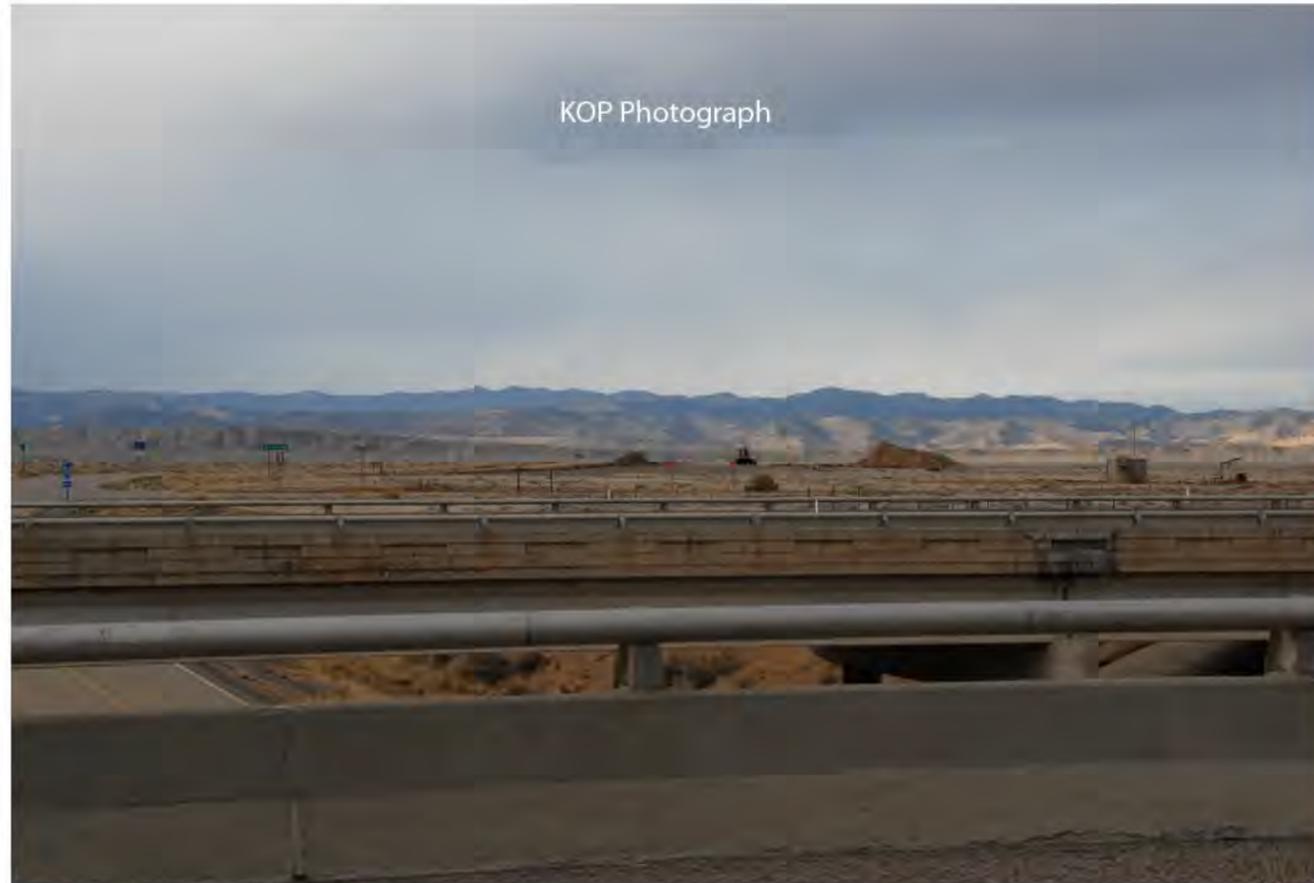
KOP Location



**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP M-1
Simulated Condition
(Segment 220.1)





Form 8400-4 (September 1985)

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

VISUAL CONTRAST RATING WORKSHEET

Date 07/26/2011
District Moab FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location I-70- Dinosaur Diam. Inters. Township 20S Range 24E Section 29	5. Location Sketch Please see Figure 3.12-2
--------------------------------------	--	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar ridgeline. Irregular and rounded background mesas. Rolling valley ridges.	Scattered clumps of grasses and forbs.	Foreground paved roadway.
LINE	Horizontal ridgeline.	Irregular edges of shrubs and grasses.	Horizontal.
COLOR	Light to medium light to medium brown and grey rock and soil. Light grey water.	Light tan to medium greens and browns.	Light to medium grey.
TEXTURE	Smooth to coarse landforms.	Smooth, moderate and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

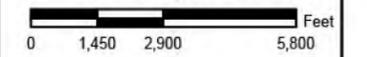
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No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



Project Location



KOP Location



TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP M-2
Interstate 70
Dinosaur Diamond Intersection
(Segment 220.1)

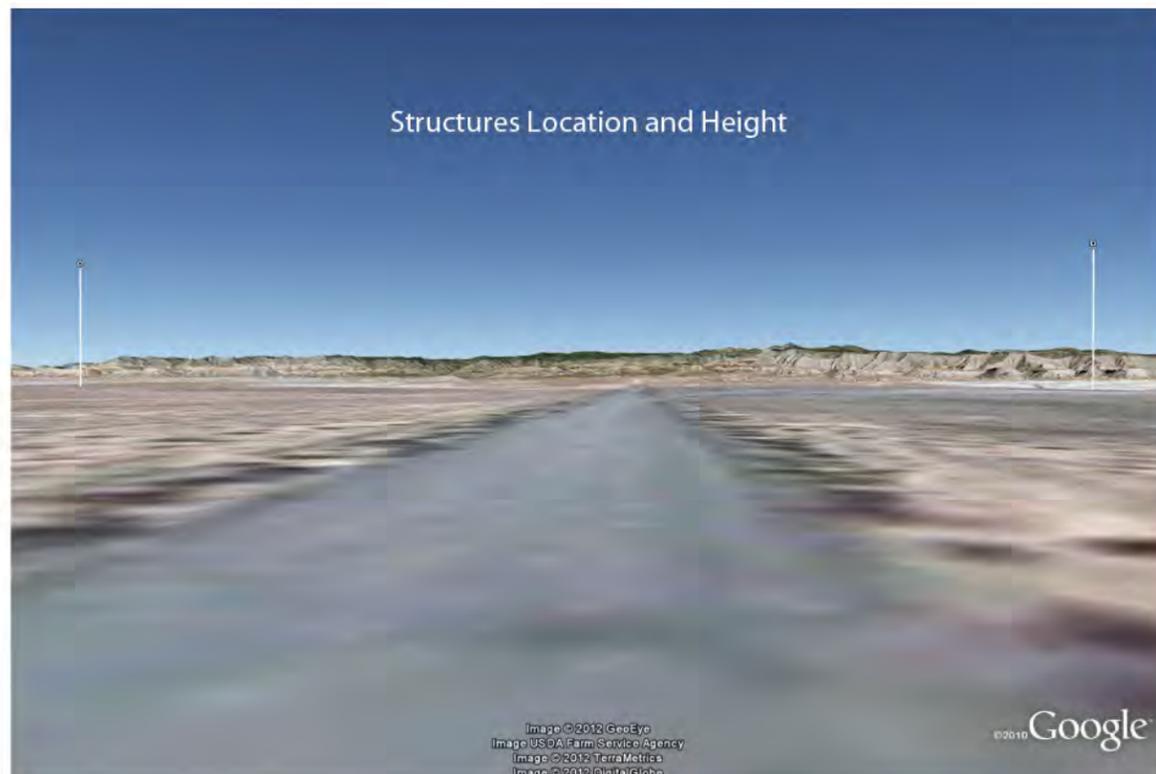


Rationale:
The Project would be consistent with VRM Class IV management objectives. This management objective allows for strong (and all other) contrasts in the landscape.

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



KOP Photograph



Structures Location and Height

Image © 2012 GeoEye
Image US D.A. Farm Service Agency
Image © 2012 TerraMetrics
Image © 2012 DigitalGlobe

©2010 Google

Form 5400-4
(September 1985)

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

VISUAL CONTRAST RATING WORKSHEET

Date 07/26/2011

District Moab FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Old Spanish Trail</u>	5. Location Sketch Please see Figure 3.12-2
2. Key Observation Point M-4	Trail Township <u>21S</u>	
3. VRM Class III	Range <u>23E</u>	
	Section <u>21</u>	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Planar ridgeline. Irregular and rounded background mesas. Rolling valley ridges.	Scattered clumps of grasses and forbs.	Foreground paved roadway and parking area.
LINE	Horizontal ridgeline.	Irregular edges of shrubs and grasses.	Horizontal and curvilinear.
COLOR	Light to medium light to medium brown and grey rock and soil.	Light tan to medium greens and browns.	Light to medium reddish grey and brown.
TEXTURE	Smooth to coarse landforms.	Smooth, moderate and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

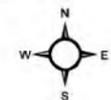
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended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



Project Location



KOP Location



TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP M-4
Old Spanish Trail
(Segment 220.1)



Rationale:

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

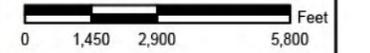
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



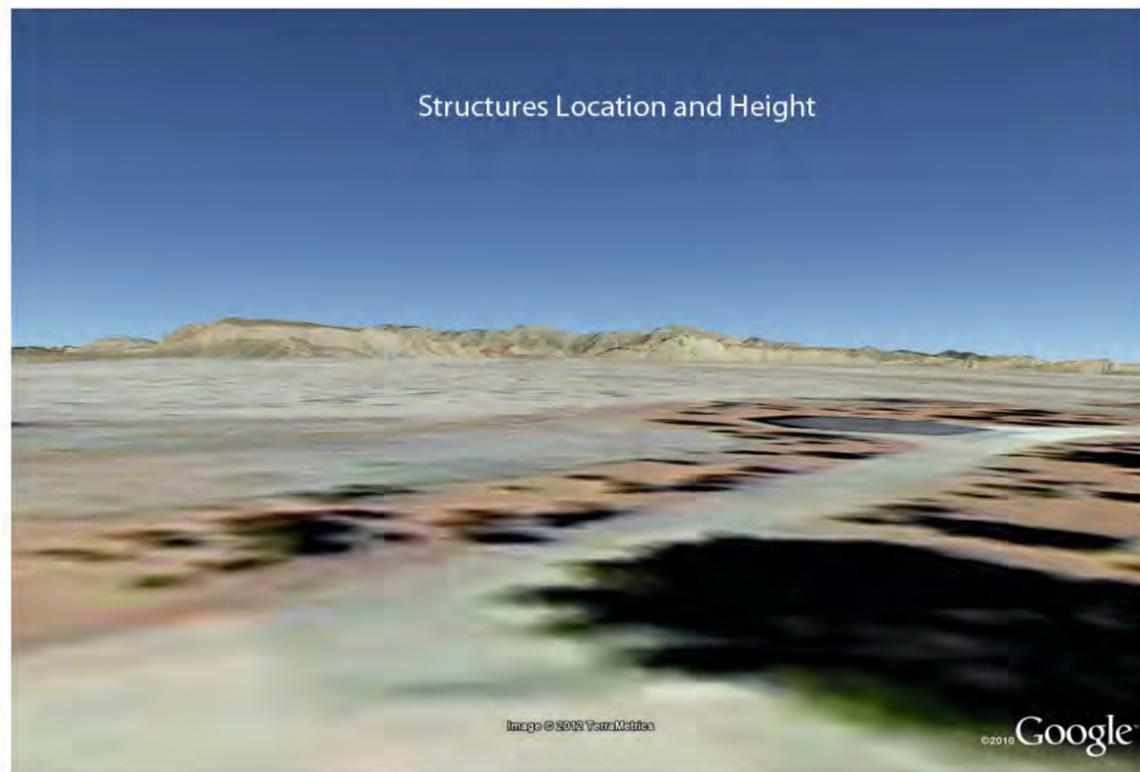
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP M-4
Simulated Condition
(Segment 220.1)





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

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

VISUAL CONTRAST RATING WORKSHEET

Date 07/28/2011

District Moab FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>UDOT I-70</u> <u>WB</u> Township <u>21S</u> Range <u>20E</u> Section <u>26</u>	5. Location Sketch Please see Figure 3.12-2
--------------------------------------	---	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Irregular mesas, erosion patterns and conical form in foreground. Planar valley floor.	Scattered clumps of grasses and forbs.	Prominent linear railroad.
LINE	Horizontal and irregular mesas, meandering edges of flat valley floor.	Irregular edges of grasses.	Horizontal railroad and vertical poles.
COLOR	Light to medium light to medium brown and grey rock and soil. Light grey water.	Light tan to medium and dark brown.	Dark brown rail bed and medium brown poles.
TEX- TURE	Smooth to coarse landforms.	Smooth, moderate and coarse.	Smooth.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form													X	Date
Line													X	Evaluator's Names
Color													X	M. Paulson
Texture													X	Date
														01/04/13

Rationale:

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

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



Project Location



KOP Location



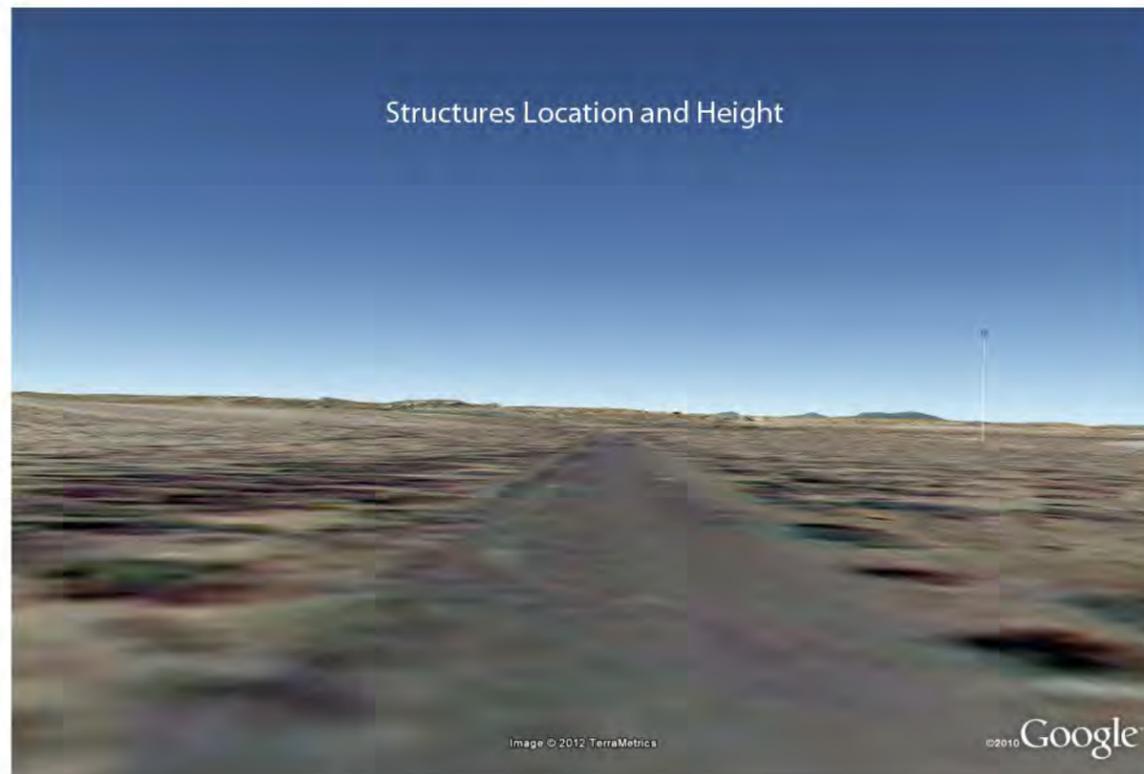
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP M-7
U.S. Dept of Transportation
I-70 (westbound)
(Segment 220.1)





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

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

VISUAL CONTRAST RATING WORKSHEET

Date 07/26/2011

District Moab FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Sego Canyon Rd. SB</u> Township <u>21S</u> Range <u>20E</u> Section <u>16</u>	5. Location Sketch Please see Figure 3.12-2
--------------------------------------	---	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Irregular and rounded mesa. Rolling valley ridges.	Scattered clumps of grasses and forbs.	Foreground roadway.
LINE	Horizontal and irregular mesa, and edges of valley ridges and wash.	Irregular edges of shrubs and grasses.	Horizontal and curvilinear.
COLOR	Light to medium light to medium brown and grey rock and soil.	Light tan to medium and dark greens and browns.	Light to medium reddish brown.
TEXTURE	Smooth to coarse landforms.	Smooth, moderate and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

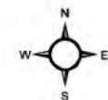
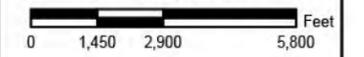
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form									X				Evaluator's Names M. Paulson	Date 01/04/13
Line										X				
Color										X				
Texture											X			



Project Location



KOP Location



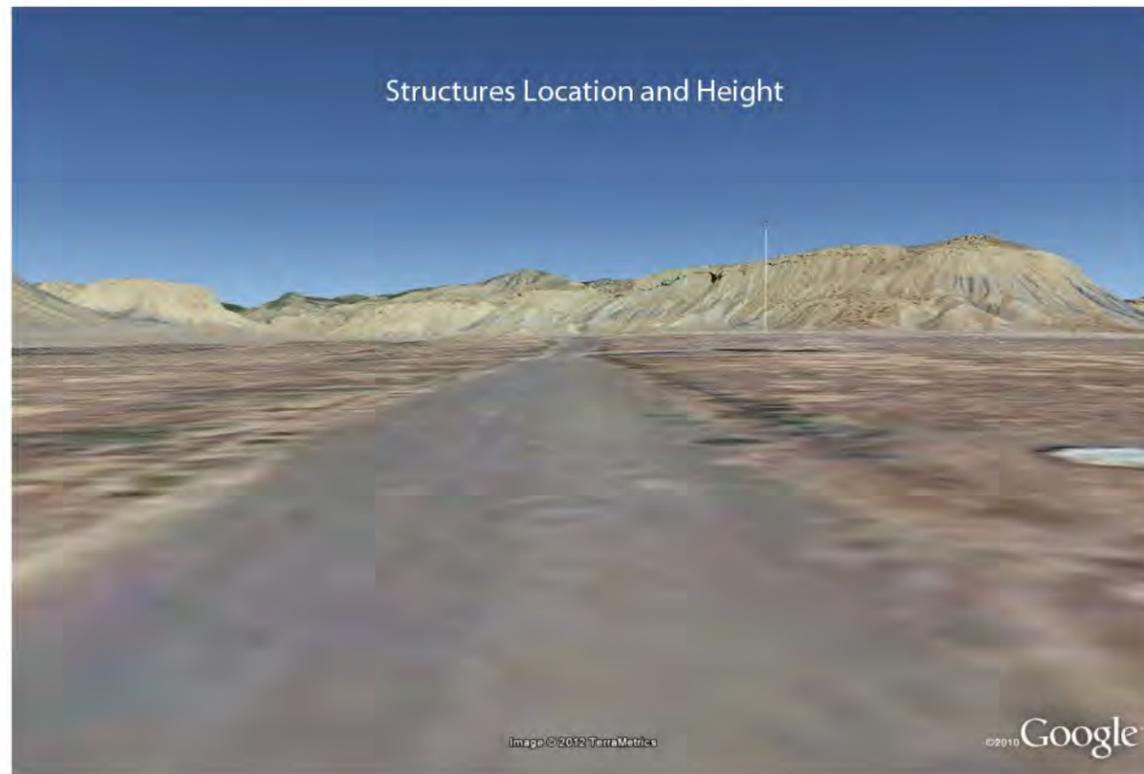
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP M-8
Sego Canyon Road
(southbound)
(Segment 220.1)





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

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

VISUAL CONTRAST RATING WORKSHEET

Date 07/26/2011

District Moab FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location_Sego Canyon Road NB Township_21S Range_20E Section_21	5. Location Sketch Please see Figure 3.12-2
--------------------------------------	---	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Irregular mesas and erosion patterns. Rolling valley ridges.	Scattered clumps of grasses and forbs.	Foreground paved roadway and cuboid historic school structure. Cell towers in midground.
LINE	Horizontal and irregular mesa, and edges of valley ridges.	Irregular edges of shrubs and grasses.	Horizontal and curvilinear road and horizontal and vertical structures..
COLOR	Light to medium light to medium brown and grey rock and soil.	Light tan to medium and dark greens and browns.	Light to medium grey, white, green and brown..
TEX-TURE	Smooth to coarse landforms.	Smooth, moderate and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form											X		Evaluator's Names M. Paulson	Date 01/04/13
Line										X				
Color										X				
Texture											X			

Rationale:

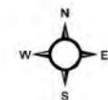
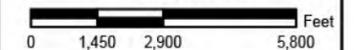
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP M-9
Sego Canyon Road
(northroad)
(Segment 220.1)

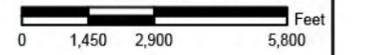




Project Location



KOP Location



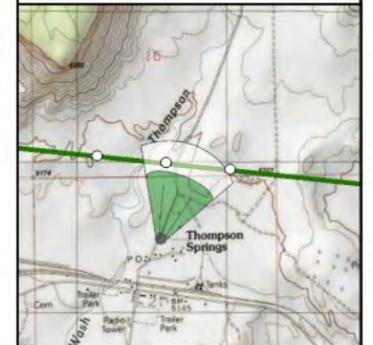
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP M-9
Simulated Condition
(Segment 220.1)

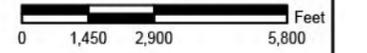




Project Location



KOP Location



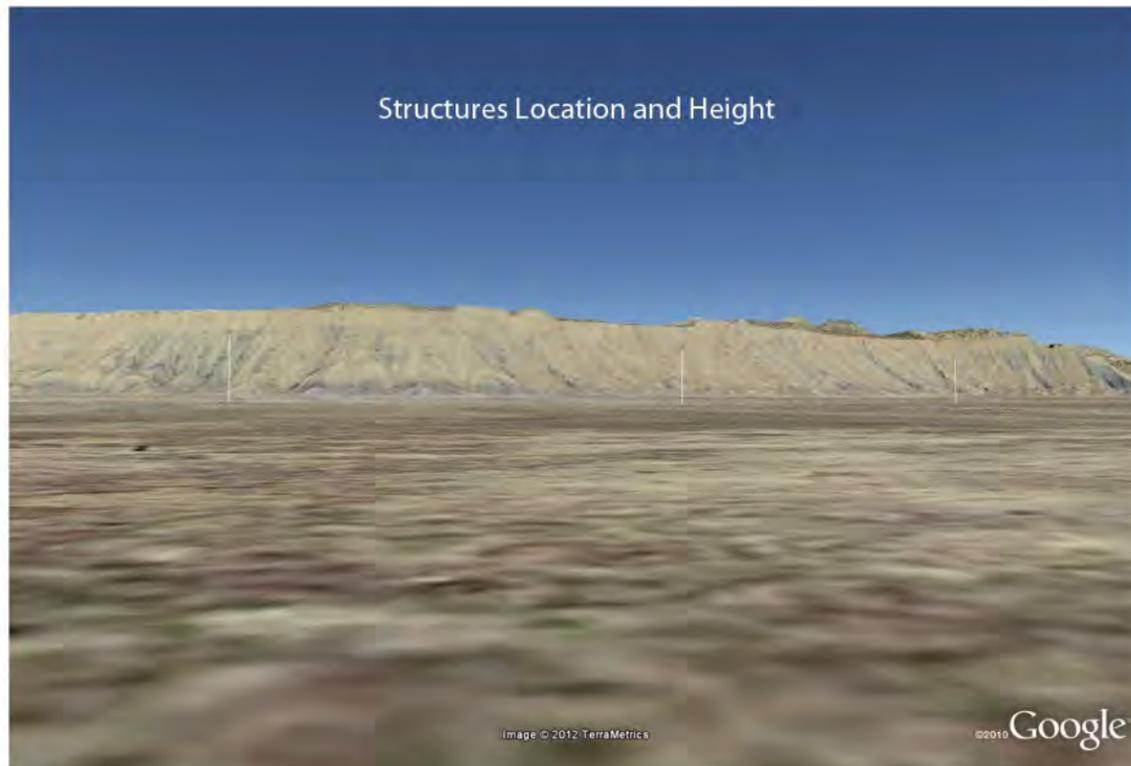
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP M-9
Cumulative Condition
(Segment 220.1)





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

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

VISUAL CONTRAST RATING WORKSHEET

Date 07/26/2011

District Moab FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location_Old Spanish Trail (Road)	5. Location Sketch Please see Figure 3.12-2
2. Key Observation Point M-10	Township 21S	
3. VRM Class IV (VRI Class III)	Range 19E Section 26	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Irregular mesas and erosion patterns. Planar valley floor.	Scattered clumps of grasses and forbs.	Prominent linear railroad.
LINE	Horizontal and irregular mesas, and edges of flat valley floor.	Irregular edges of grasses.	Horizontal railroad and vertical poles.
COLOR	Light to medium light to medium brown and grey rock and soil.	Light tan to medium and dark brown.	Dark grey rail bed and medium brown poles.
TEXTURE	Smooth to coarse landforms.	Smooth, moderate and coarse.	Smooth.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form									X				Evaluator's Names M. Paulson	Date 01/04/13
Line									X					
Color											X			
Texture											X			

Rationale:

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

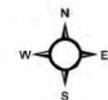
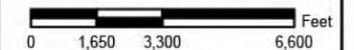
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP M-10
Old Spanish Trail
(Road)
(Segment 220.1)





KOP Photograph



Structures Location and Height

Image © 2012 TerraMetrics
Image USDA Farm Service Agency

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Form 8400-4 (September 1985)

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

VISUAL CONTRAST RATING WORKSHEET

Date 07/28/2011

District Moab FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location UDOT I-70 EB	5. Location Sketch Please see Figure 3.12-2
2. Key Observation Point M-11	Township 21S	
3. VRM Class IV	Range 19E Section 33	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Irregular mesas, erosion patterns and production pit form in foreground. Planar valley floor.	Scattered clumps of grasses and forbs.	Prominent cylindrical oil facility tanks and railroad bed in foreground. Cylindrical electrical poles in midground.
LINE	Horizontal and irregular mesas, meandering edges of flat valley floor.	Irregular edges of grasses.	Horizontal and vertical tanks, railroad and poles.
COLOR	Light to medium light to medium brown and grey rock and soil.	Light tan to medium and dark brown.	Medium olive green tanks, dark brown rail bed and medium brown poles.
TEXTURE	Smooth to coarse landforms.	Smooth, moderate and coarse.	Smooth.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form											X		Evaluator's Names M. Paulson	Date 01/04/13
Line											X			
Color											X			
Texture												X		

Rationale:

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

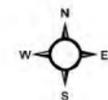
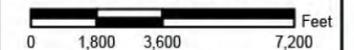
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



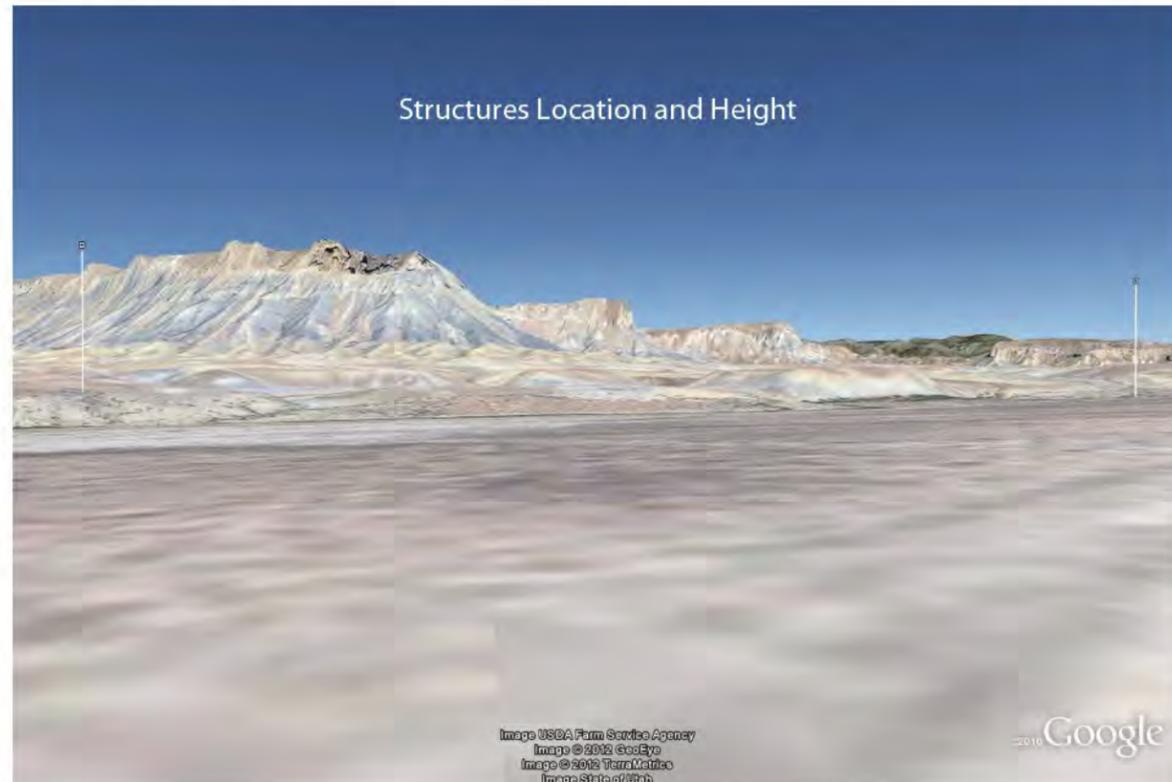
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP M-11
U.S. Dept. of Transportation
I-70 (eastbound)
(Segment 220.1)





KOP Photograph



Structures Location and Height

Image USDA Farm Service Agency
Image © 2002 GeoEye
Image © 2002 TerraMetrics
Image State of Utah

© 2010 Google

Form 8400-4
(September 1985)

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

VISUAL CONTRAST RATING WORKSHEET

Date 07/25/2011

District Moab FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Floy Wash Rd_SB</u>	5. Location Sketch Please see Figure 3.12-2
2. Key Observation Point M-12	Township <u>22S</u>	
3. VRM Class IV (VRI Class III)	Range <u>18E</u> Section <u>4</u>	

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Irregular horizontal topography.	Scattered clumps of shrubs and grasses.	Prominent planar road.
LINE	Horizontal and irregular shapes.	Irregular shrubs and grasses.	Horizontal road.
COLOR	Light to medium light to medium brown and grey rock and soil.	Light to medium green and brown shrubs and grasses.	Light to medium brown roadways.
TEXTURE	Smooth to medium landforms.	Smooth, moderate and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

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

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

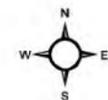
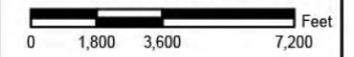
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



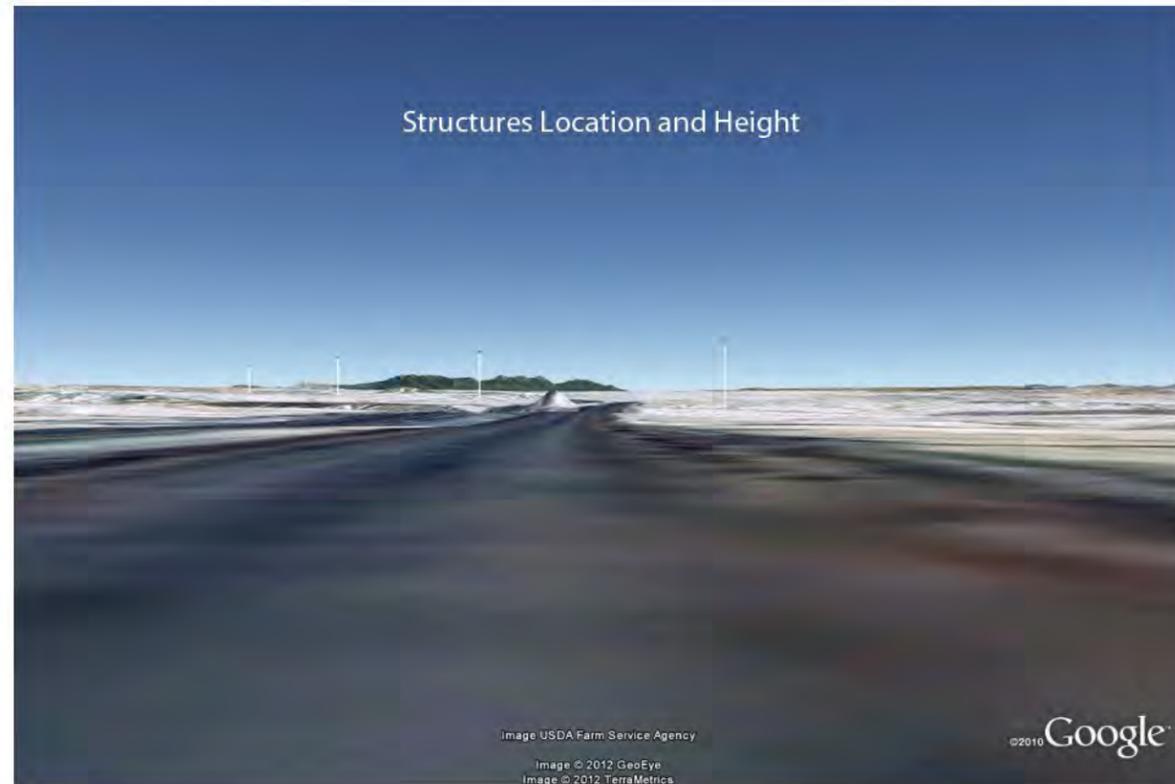
TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP M-12
Floy Wash Road
(southbound)
(Segment 220.1)





KOP Photograph



Structures Location and Height

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

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Form 8400-4 (September 1985)

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

VISUAL CONTRAST RATING WORKSHEET

Date 07/25/2011
District Moab FO
Resource Area
Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location I-70 EB Township 21S Range 17E Section 33	5. Location Sketch Please see Figure 3.12-2
--------------------------------------	--	--

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Irregular horizontal topography.	Scattered clumps of shrubs and grasses.	Prominent planar road lanes.
LINE	Horizontal and irregular shapes.	Irregular shrubs and grasses.	Horizontal roadways.
COLOR	Light to medium light to medium brown and grey rock and soil.	Light to medium green and brown shrubs and grasses.	Light to medium grey roadways.
TEXTURE	Smooth to medium landforms.	Smooth, moderate and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

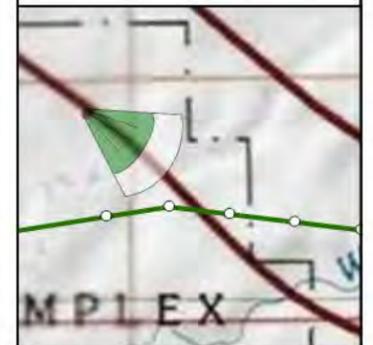
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended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

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

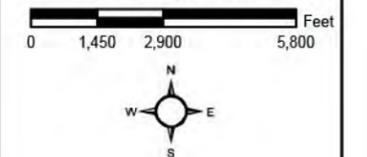
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



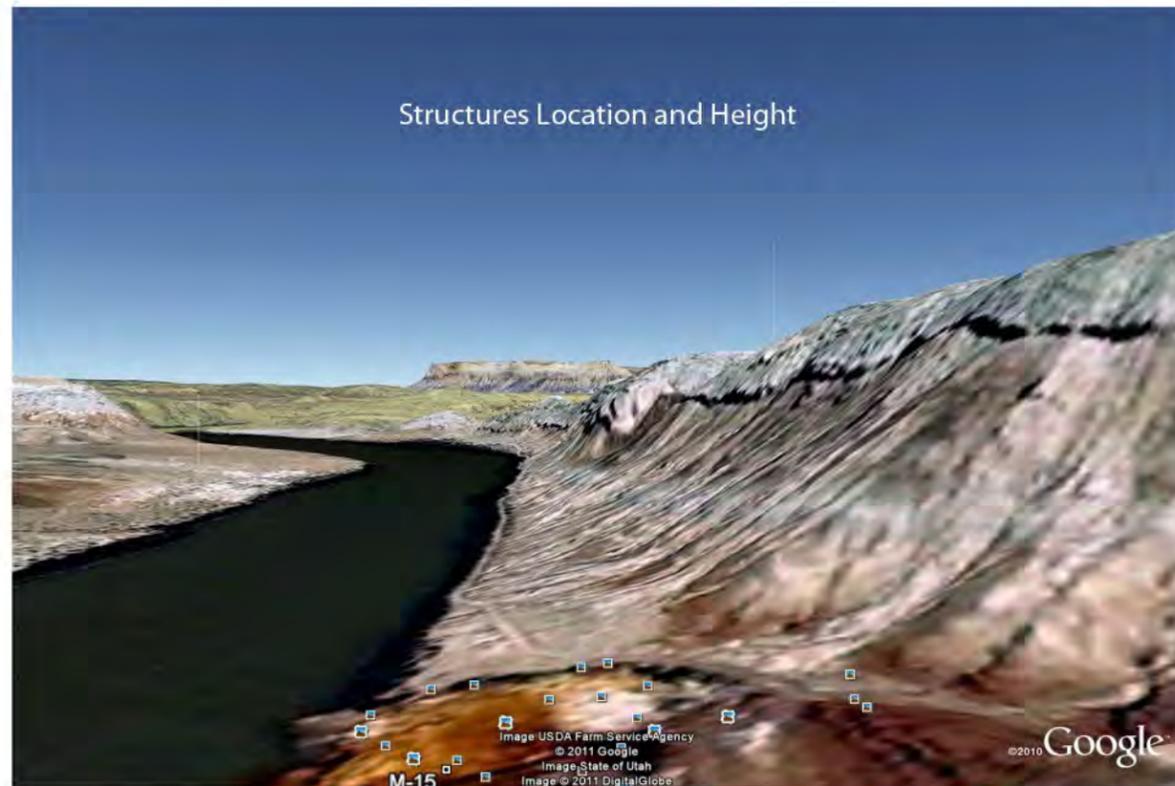
**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP M-13
Interstate 70
(eastbound)
(Segment 220.1)





KOP Photograph



Structures Location and Height

Form 8400-4 (September 1985)

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

VISUAL CONTRAST RATING WORKSHEET

Date 07/28/2011

District Moab FO

Resource Area

Activity (program)

SECTION A. PROJECT INFORMATION

1. Project Name TransWest Express	4. Location <u>Green Rv.</u> <u>Crystal Geyser Recr.Ar.</u> <u>Township 21S</u> <u>Range 16E</u> <u>Section 34</u>	5. Location Sketch Please see Figure 3.12-2
2. Key Observation Point M-15		
3. VRM Class III (VRI Class II)		

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Irregular mesas, erosion patterns and production pit form in foreground. Planar river surface and geyser area.	Amorphous riparian trees and shrubs. Scattered clumps of shrubs, grasses and forbs.	Planar roadway.
LINE	Horizontal and irregular mesas, meandering edges of river valley floor.	Irregular edges of riparian trees, shrubs, grasses.	Curvilinear roadway.
COLOR	Bluish grey water surface. Light to medium light to medium reddish brown and grey rock and soil.	Light to medium to dark olive green trees, shrubs, and grasses.	Light to medium tan to grey roadway.
TEXTURE	Smooth water to coarse landforms.	Smooth, moderate and coarse.	Smooth to medium.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

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

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

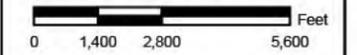
DEGREE OF CONTRAST	FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Explain on reverse side)	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					3. Additional mitigating measures recommended <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
Form									X				Evaluator's Names M. Paulson	Date 07/28/2011
Line									X					
Color										X				
Texture										X				



Project Location



KOP Location



TRANSWEST EXPRESS TRANSMISSION PROJECT

KOP M-15
Green River/Crystal Geyser Recreation Area
(Segment 220.1)



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

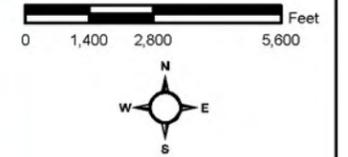
Please refer to the table at the beginning of this Appendix for visual contrast rating analysis criteria and evaluations for this KOP.



Project Location



KOP Location



**TRANSWEST EXPRESS
TRANSMISSION PROJECT**

KOP M-15
Simulated Condition
(Segment 220.1)

