

APPENDIX 17A

Key Observation Points for the Enhanced Bus Service and Gondola Alternatives

KOPs in this appendix are listed in ascending order.



KOP 1 – Existing Condition – Gravel Pit Mobility Hub



KOP 1 – Proposed Condition – Gravel Pit Mobility Hub (Enhanced Bus Alternatives and Gondola Alternative A)

VISUAL CONTRAST RATING WORKSHEET

DateJune 17, 2020

District N/A

Resource Area N/A

Activity (program) N/A

SECTION	A. PROJECT INFORMATION	
1. Project Name: Little Cottonwood Canyon Wasatch Blvd to Alta Transportation	4. Location	5. Location Sketch
Improvements	SæfgureinElSsætion	SæfgureinElSsædion
2. Key Observation Point: 1 - Gravel Pit Mobility Hub (All Alternatives)		
3. VRM Class N/A		

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION											
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES								
FORM	Trapezoidal, mounded, exposed aggregate backdrop with rugged, undulating broken ridges	Domestic vegetation plantings; short and low indistinct grasses; rounded low shrubs at foot of mound; rounded oak shrubs; conical evergreens on ridge	Industrial cylindrical upright structures; rectangular buildings								
LINE	Several horizontal lines from tiered mound/mountain ridgelines; rugged broken ridgelines	Distinct lines between dense vegetation and low grasses or exposed soil/aggregate	Varied angles and orientations; complex								
SOLOR	Golden tan exposed rock to pinkish tones; exposed light tan to gray aggregate	Gray green sage; yellowish to dark green shrubs; lime to golden straw-colored grasses	Green and brown building; grays, blues, beige, yellow throughout complex; earth tones								
TURE Y	Distinct, smooth, uniform, and patterned soil; rugged, broken landforms in background	Clustered and organized; low stippled, broken sage groupings; consistent carpeted grasses; dense clusters of domestic vegetation with varied heights	Irregular, complex, rigid, disorganized								

	SECTION C. PROPOSED ACTIVITY DESCRIPTION	
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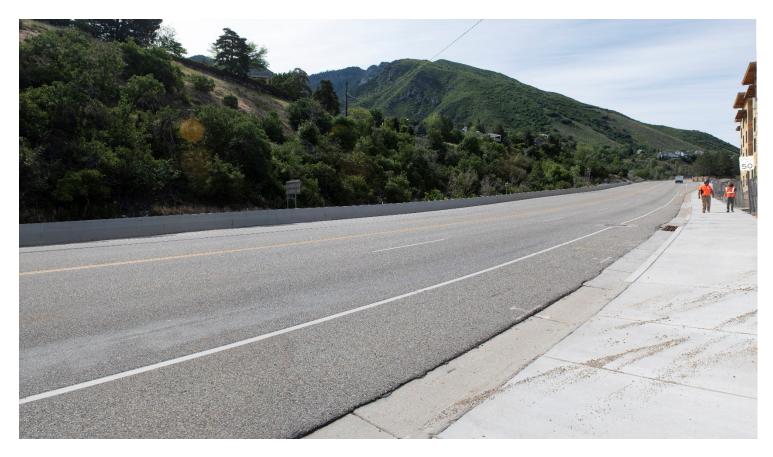
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES		
FORM	Abrupt change in gradation between flat dearing and foothills	No perceived change.	Defined, angular organized infrastructure with descending ramps to flat/grade lot; prominent 3- to-4-story geometric structure		
INE	Unknown	No perceived change.	Distinct, abrupt lines between paved road and parking lot and the mine; horizontal lines created by overpass; ascending and descending lines associated with ramp contours		
COLOR	Gray to brown exposed soil at toe of foothills	No perceived change.	Dark gray to black asphalt; dark tones of mobility hub, infrastructure and surface treatments		
TLR:	Irregular to flat; inconsistent transitions to abrupt distinctive parking structure	No perceived change.	Smooth continuous roadway; angular, organized infrastructure		

	SECTION D. CONTRAST RATING] SH	ORT TERM X LONG TERM			
1.							FEAT	URES	5					2. Does project design meet visual resource		
DEGREE OF CONSTRAST		L	AND/ BC (R	V	EGET/	Tatio 2)	N	STRUCTURES (3)			ĒS	management objectives? □ Yes □ No (Explain on reverse side) N/A		
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strang	Moderate	Weak	None	 Additional mitigating measures recommended? □ Yes □ No (Explain on reverse side) TBD Evaluator's Names Date 		
6	Form		Х						Х		Х			Laren Cyphers/ Chris Bockey 7/24/2020		
JEMENIS	Line		Х						Х		Х					
ШШ	Color		Х						Х		Х					
	Texture		Х						Х		Х					

N/A

Additional Mitigating Measures (See item 3)

To be developed based on further design information



KOP 2 – Existing Condition – Fort Union Boulevard

Note: Proposed Condition simulation not included for this KOP.

VISUAL CONTRAST RATING WORKSHEET

DateJune 17, 2020

District N/A

Resource Area N/A

Activity (program) N/A

SECTION	A. PROJECT INFORMATION	
1. Project Name: Little Cottonwood Canyon Wasatch Blvd to Alta Transportation Improvements	4. Location See figure in EIS section	5. Location Sketch See figure in EIS section
2. Key Observation Point: 2 - Fort Union Boulevard (All Alternatives: Five-lane Alternative)		
3. VRMClass N/A		

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Sloping, angular side slopes; lower rounded foothills of residential properties that taper to roadway; Open setting compared to enclosed setting of subsequent KOPs; broader views because adjacent slopes are lower in elevation	Mix of evergreen, domestic deciduous, and oak brush	Geometric, angular forms of residents that are mostly obscured by vegetation; geometric prominent developments and infrastructure line roadway, including rigid Jersey barriers;
LINE	Undulating ridgelines descending to flat valley	Amorphic lines of groupings; some vertical evergreens; mostly rounded, dense brush and shrubs	Varied single-pole wood and transmission lines; continuous linear pattern of associated electric telephone lines
COLOR	Brown to dark brown exposed soils intermixed with gray aggregate and light gray to dark gray exposed rock	Dark deep to light yellow green of most vegetation; soft gray green of Russian olives	Light beige to dark brown structures
TEX- TURE	Smooth ridges transition to lower elevations	Carpeted, continuous vegetation on foothills; varied vegetation height in residential area	Inconsistent, organized structures; smooth, continuous, flat road surface; continuous fine energy cables with repetitive transmission poles

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Cut and fill would generally follow existing form; some distinct abrupt changes in gradation between residential structures and developments and widened roadway	No perceived change.	Multi-use path, roadway improvements, bike lanes, pedestrian bridge would all create distinct, vertical and horizontal geometric, rectangular structures to span the roadway
INE	Distinct horizontal line between flat roadway and cut slopes	No perceived change.	Horizontal and vertical distinct lines
2010R	Dark brown exposed soils and gray aggregate and rocks	No perceived change.	Light gray to dark tones of infrastructure and surface treatments
TURE TURE	More abrupt changes in elevation and gradation	No perceived change.	Angular, organized infrastructure; smooth, flat, continuous roadway

SECTION D. CONTRAST RATING 🗆 SHORT TERM X LONG TERM

1.					FEATURES									2. Does project design meet visual resource		
	DEGREE	L		Wate DDY 1)	ĒR	V		Tatio 2)	N	S		ture 3)	S	management objectives? □ Yes □ No (Explain on reverse side) N/A		
	OF CONSTRAST	Strong	oderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	Nane	 Additional mitigating measures recommended? □ Yes □ No (Explain on reverse side) TBD 		
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s S	Form			Х					Х	Х				Laren Cyphers/ Chris Bockey 7/17/2020		
ELEMENI S	Line			Х					Х		Х					

	Color			Х					Х		Х	
Γ	Texture			Х					Х		Х	
SECTION D. (Continued)												

Additional Mitigating Measures (See item 3)

To be developed based on further design information



KOP 3 – Existing Condition – Daneborg Drive



KOP 3 – Proposed Condition – Daneborg Drive (All Alternatives: Five-lane Alternative)

VISUAL CONTRAST RATING WORKSHEET

DateJune 17, 2020

District N/A

Resource Area N/A

Activity (program) N/A

SECTION	A. PROJECT INFORMATION	
1. Project Name: Little Cottonwood Canyon Wasatch Blvd to Alta Transportation	4. Location	5. Location Sketch
Improvements	SæfgureinElSsection	SæfgureinElSsætion
2. Key Observation Point: 3 - Daneborg Drive (All Alternatives: Five-lane		
Alternative)		
	-	
3. VRM Class N/A		

	SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION											
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES									
FORM	Sloping, angular side slopes; lower rounded foothills of residential properties that taper to roadway	Mix of evergreen, domestic deciduous, and oak brush	Geometric, angular forms of residential structures that line the roadway; mostly obscured by vegetation									
LNE	Undulating ridgelines descending to flat valley	Amorphic lines of groupings; some vertical evergreens; mostly rounded, dense brush and shrubs	Varied single-pole wood and transmission lines; continuous, linear pattern of associated electric telephone lines									
COLOR	Brown to dark brown exposed soils intermixed with gray aggregate	Dark deep to light yellow green of most vegetation; soft gray green of Russian olives	Light beige to dark brown structures									
TLRF.	Smooth ridges transition to lower elevations	Carpeted, continuous vegetation on foothills; varied vegetation height in residential area	Inconsistent, angular residential structures; smooth. continuous flat road surface; continuous fine energy cables with repetitive transmission poles									

	SECT	ION C. PROPOSED ACTIVITY DESCRIPTION	
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Cut and fill would generally follow existing form; some distinct abrupt changes in gradation between residential structures to the east and widened roadway	Revegetation of low, indistinct grasses and shrubs mostly or entirely obscured by retaining wall	Multi-use path, roadway improvements, bike lanes, pedestrian bridge would all create distinct, vertical and horizontal geometric, rectangular structures to span the roadway
LINE	Distinct horizontal line between flat roadway and cut slopes	Line between vegetation type and height; soft, undulating lines	Horizontal and vertical distinct lines
COLOR	Dark brown exposed soils and gray aggregate	Seasonal variety assumed based on revegetation	Light gray to dark tones of infrastructure and surface treatments
TURE	More abrupt changes in elevation and gradation	Shorter stature oak brush; gradual tapering; loss of vertical elements	Angular, organized infrastructure; smooth, flat continuous roadway

SECTION D. CONTRAST RATING - SHORT TERM X LONG TERM

1.	1. FEATURES									2. Does project design meet visual resource					
DEGREE		LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			S	management objectives? □ Yes □ No (Explain on reverse side) N/A	
OF CONSTRAST		Strong	Moderate	Weak	None	Strang	Moderate	Weak	None	Strong	Moderate	Weak	None	 Additional mitigating measures recommended? □ Yes □ No (Explain on reverse side) TBD 	
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S	Form			Х				Х		Х				Laren Cyphers/ Chris Bockey 7/17/2020	
aements	Line			Х				Х			Х				
ВВ	Color			Х				Х			Х				
	Texture			Х				Х			Х				

Additional Mitigating Measures (See item 3) To be developed based on further design information



KOP 4 – Existing Condition – Quarry Trailhead

VISUAL CONTRAST RATING WORKSHEET

DateJune 17, 2020

District N/A

Resource Area N/A

Activity (program) N/A

SECTION	A. PROJECT INFORMATION	
1. Project Name: Little Cottonwood Canyon Wasatch Blvd to Alta Transportation Improvements	4. Location Sæfigure in EIS section	5. Location Sketch Sæfigure in EIS sædion
2. Key Observation Point: 4 - Quarry Trailhead (Enhanced Bus Service in Peak- period Shoulder Lane Alternative)		

3. VRM Class N/A

	SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION									
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES							
FORM	Rugged, broken canyon faces; rounded, irregular diffs; distinct spines and angled, linear drainages transition to chunky, broken, exposed granite walls; tiered parking lot set above roadway	Consistent, dense shrub and deciduous forest; some indistinct shrubs and low grasses	Flat, horizontal roadway; some geometric, upright signage; horizontal transmission cables overhead attached to upright, vertical utility poles							
ILE	Irregular and inconsistent rock bands; undulating, broken ridgeline; directional breakage along diff face	Amorphic lines created by tree groupings; distinct lines between dense vegetation and exposed diff	Curvilinear roadway; horizontal and vertical lines of energy infrastructure							
COLOR	Whitish-gray diffs with dark gray to black vertical striations	Yellowish-green to dark green shrubs	Dark gray asphalt; natural wood utility poles; gray cables and energy infrastructure							
Ϋ́Ξ	Broken, soft, and rounded edged cliff face which transitions to some medium boulders roadside	Consistent, carpeted, and dense forest	Smooth, continuous roadway; fine cables; inconsistent energy infrastructure							

SECTION C. PROPOSED ACTIVITY DESCRIPTION

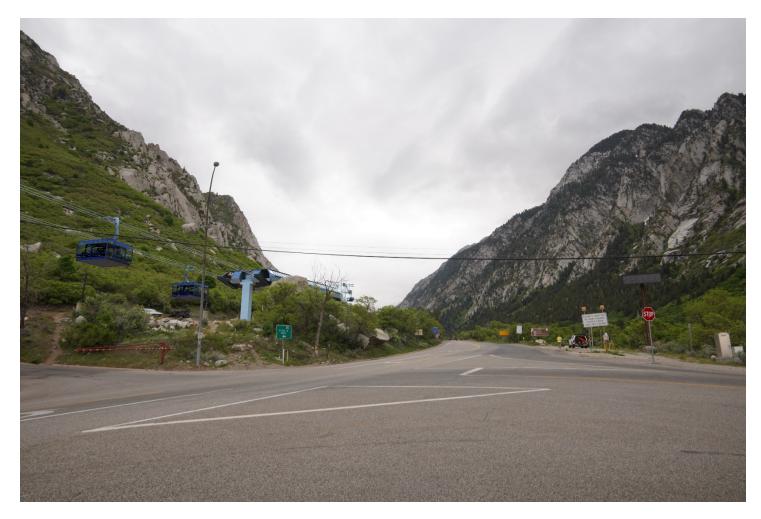
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Some subtle cut areas tapering to slope	No perceived change.	No perceived change.
INE	Subtle transitions between paved and natural surfaces	No perceived change.	No perceived change.
2010R	Dark brown to gray exposed soil; light gray exposed boulders and gravel	No perceived change.	No perceived change.
ЦЦ ЦЦ ЦЦ	Gradational transition to slope	No perceived change.	No perceived change.

SECTION D. CONTRAST RATING - SHORT TERM X LONG TERM

1.	1. FEATURES								2. Does project design meet visual resource							
DEGREE		LAND/WATER BODY (1)				V	EGET/	Tatio 2)	N	STRUCTURES (3)			S	management objectives? □ Yes □ No (Explain on reverse side) N/A		
OF CONSTRAST		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	ne	 Additional mitigating measures recommended? □ Yes □ No (Explain on reverse side) TBD 		
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S	Form			Х					Х				Х	Laren Cyphers/ Chris Bockey 7/17/2020		
aements	Line			Х					Х				Х			
ВВ	Color			Х					Х				Х			
	Texture			Х					Х				Х			

Additional Mitigating Measures (See item 3)

To be developed based on further design information



KOP 4 – Proposed Condition – Quarry Trailhead (Gondola Alternative)

VISUAL CONTRAST RATING WORKSHEET

Date	June 1	7.2	020

District N/A

Resource Area N/A

Activity (program) N/A

SECTION A. PROJECT INFORMATION										
1. Project Name: Little Cottonwood Canyon Wasatch Blvd to Alta Transportation	4. Location	5. Location Sketch								
Improvements	SeefgureinElSsection	SæfgureinElSsætion								
2. Key Observation Point: 4 - Quarry Trailhead (Gondola Alternative)										
3. VRM Class N/A										

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Rugged, broken canyon faces; rounded irregular diffs; Distinct spines and angled linear drainages transition to chunky broken exposed granite walls; tiered parking lot set above roadway	Consistent, dense shrub and deciduous forest; some indistinct shrubs and low grasses	Flat horizontal roadway; Some geometric upright signage; horizontal transmission cables overhead attached to upright vertical utility poles
LINE	Irregular and inconsistent rock bands; undulating broken ridgeline; directional breakage along diff face	Amorphic lines created by tree groupings; distinct lines between dense vegetation and exposed cliff	Curvilinear roadway; horizontal and vertical lines of energy infrastructure
COLOR	Whitish gray diffs with dark gray to black vertical striations	Yellowish greens to dark green shrubs	Dark gray asphalt; natural wood utility poles; gray cables and energy infrastructure
TURE	Broken soft and rounded edged cliff face which transitions to some medium boulders roadside	Consistent, carpeted, and dense forest	Smooth continuous roadway; fine cables; inconsistent energy infrastructure

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	No perceived change.	No perceived change.	Upright, vertical, geometric form with angular and vertical components; linear continuous cables; geometric square gondola car; Lack of backdrop makes towers and cables more distinct in the skyline
LINE	No perceived change.	No perceived change.	Bold, vertical, rigid; intersecting perpendicular lines; continuous cables
COLOR	No perceived change.	No perceived change.	Galvanized steel
TEX- TURE	No perceived change.	No perceived change.	Rigid, broken, inconsistent towers; continuous fine cables; repetitive gondola cars

SECTION D. CONTRAST RATING SHORT TERM X LONG TERM

1.	1. FEATURES									2. Does project design meet visual resource					
DEGREE		LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			ĒS	management objectives? □ Yes □ No (Explain on reverse side) N/A	
	OF CONSTRAST		Moderate	Weak	Nane	Strong	Moderate	Weak	Nane	Strong	Moderate	Weak	Nane	 Additional mitigating measures recommended? Yes I No (Explain on reverse side) TBD Evaluator's Names Date 	
(0	Form				Х				Х	Х				Laren Cyphers/ Chris Bockey 7/17/2020	
I III	Line				Х				Х	Х					
EMENTS	Color				Х				Х	Х					
ш	Texture				Х				Х	Х					

Additional Mitigating Measures (See item 3)

To be developed based on further design information.



KOP 5 – Existing Condition – Wasatch Resort

Note: Proposed Condition simulation not included for this KOP.

VISUAL CONTRAST RATING WORKSHEET

DateJune 17, 2020

District N/A

Resource Area N/A

Activity (program) N/A

SECTION	A. PROJECT INFORMATION	
1. Project Name: Little Cottonwood Canyon Wasatch Blvd to Alta Transportation Improvements	4. Location SæfigureinEISsection	5. Location Sketch Sæfigure in EIS section
2. Key Observation Point: 5 - Wasatch Resort (Gondola Alternative) 3. VRM Class IV/A		
J. VRIVICIASTIVA		

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION								
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES					
FORM	Rugged, broken, rounded edged diff faces	Consistent, dense shrub and deciduous forest; low grasses in foreground	Clustered residential development; built forms for landscaping; low-voltage 69-kV transmission line in immediate and middle foreground; flat roadway for devilment					
LINE	Irregular and inconsistent rock bands; directional breakage in cliff side; broken ridgeline on V-shaped horizon; intersecting cliffs create focal point	Amorphic lines created by tree groupings; distinct line between vegetation and rock	Tall vertical poles; horizontal, continuous thin electric lines					
COLOR	Whitish-gray diffs with subtle tan to yellow streaks	Yellowish-green to mostly dark forest and shrub	Buckskin poles; light gray attached infrastructure; darker wood transmission line in distance					
TEX- TURE	Soft cliff face with inconsistent breakage	Consistent, carpeted, dense forest	Irregular residential area; linear smooth, continuous distribution line					
			1					

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	No perceived change.	No perceived change.	Horizontal, contrasting, thin, linear, continuous, and consistent cables
INE	No perceived change.	No perceived change.	Linear, continuous cables
00LOR	No perceived change.	No perceived change.	Grayish-silver cables; dark tones of gondola cabins
ЦК.	No perceived change.	No perceived change.	Continuous fine cables; repetitive gondola cabins

	SECTION D. CONTRAST RATING SHORT TERM X LONG TERM															
1.							FEAT	URES	5					2. Does project design meet visual resource		
	LAND/WATER BODY (1)				V		Tatio 2)	N	S		CTURE 3)	S	management objectives? □ Yes □ No (Explain on reverse side) N/A			
OF CONSTRAST		Strang	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	 Additional mitigating measures recommended? □ Yes □ No (Explain on reverse side) TBD 		
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ELEMENTS	Line				Х				Х			Х]		
	Color				Х				Х			Х				

Texture				Х				Х			Х		
SECTION D. (Continued)													

Additional Mitigating Measures (See item 3)

To be developed based on further design information.



KOP 6 – Existing Condition – Gate Buttress Trailhead



KOP 6 – Proposed Condition – Gate Buttress Trailhead (Gondola Alternatives)

VISUAL CONTRAST RATING WORKSHEET

Date June 17, 2020

District N/A

Resource Area N/A

Adivity (program) N/A

SECTION A. PROJECT INFORMATION							
4. Location	5. Location Sketch Sæfigure in ElSsection						
SælguenLSsaun							

	SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION								
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES						
FORM	Rugged, broken canyon faces; rounded, irregular diffs	Consistent, dense shrub and deciduous forest; some indistinct shrubs and low grasses	Only significant structure is the roadway						
II	Irregular and inconsistent rock bands; undulating, broken ridgeline; directional breakage along diff face	Amorphic lines created by tree groupings							
2010K	Whitish-gray diffs with dark gray to black vertical striations	Yellowish-green to dark green shrubs							
LIRE	Broken soft and rounded edged diff face which transitions to some medium boulders roadside	Consistent, carpeted, and dense forest							

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Some subtle cut areas tapering to slope	No perceived change.	Geometric restroom, flat, smooth parking lot
LINE	Subtle transitions between paved and natural surfaces	No perceived change.	More distinct edge between soil and paved surface; geometric lines of restroom, both horizontal and vertical
COLOR	Dark brown to gray exposed soil; light gray exposed boulders	No perceived change.	Tan restrooms; dark gray asphalt
TEX- TURE	Gradational transition to slope	No perceived change.	Smooth, soft parking lot; organized restroom

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

1.	1. FEATURES						2. Does project design meet visual resource										
DEGREE		L	BC	WATE DDY 1)	R	V		TATIO 2)	N	S		CTURE 3)	S	management objectives? □ Yes □ No (Explain on reverse side) N/A			
OF CONSTRAST		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	 Additional mitigating measures recommended? □ Yes □ No (Explain on reverse side) TBD 			
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Ē	Color			Х					Х			Х					
	Texture			Х					Х			Х					

Additional Mitigating Measures (See item 3)

To be developed based on further design information

	U.S. GOVERNMENT PRINTING OFFICE: 1985-461-988/33	094
Form 8400 - 4 (September 1985)	UNITED STATES	Date June 17, 2020

DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

District N/A

Resource Area N/A

VISUAL CONTRAST RATING WORKSHEET

Activity (program) N/A

SECTION	A. PROJECT INFORMATION	
1. Project Name: Little Cottonwood Canyon Wasatch Blvd to Alta Transportation	4. Location	5. Location Sketch
Improvements	Seefgure in EIS section	Seefigure in ElS section

2. Key Observation Point: 6 - Gate Buttress Trailhead (Gondola Alternatives)

3. VRM Class N/A

	SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION						
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES				
FORM	Rugged, broken canyon faces; rounded irregular diffs	Consistent, dense shrub and deciduous forest; some indistinct shrubs and low grasses	Only significant structure is the roadway				
IINE	Irregular and inconsistent rock bands; undulating broken ridgeline; directional breakage along diff face	Amorphic lines created by tree groupings					
SUCK	Whitish gray diffs with dark gray to black vertical striations	Yellowish greens to dark green shrubs					
AT BAC	Broken soft and rounded edged diff face which transitions to some medium boulders roadside	Consistent, carpeted, and dense forest					

SECTION C. PROPOSED ACTIVITY DESCRIPTION

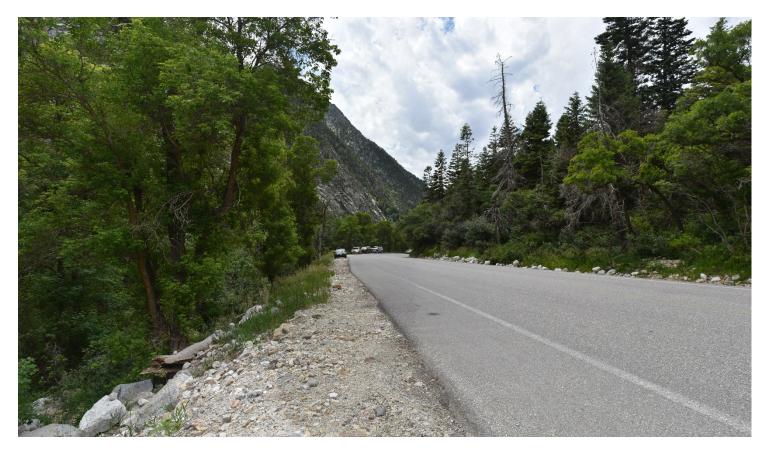
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	No perceived change.	No perceived change.	Upright, vertical geometric towers with angular and vertical components; linear continuous cables; geometric gondola cabin
LINE	No perceived change.	No perceived change.	Bold vertical rigid tower; intersecting perpendicular lines; continuous cables
COLOR	No perceived change.	No perceived change.	Galvanized steel of towers; dark tones of gondola cabins
TEX- TURE	No perceived change.	No perceived change.	Rigid broken inconsistent tower; continuous fine cables; repetitive gondola cabins

1.	1. FEATURES							URES		2. Does project design meet visual resource				
DEGREE		L		WATE DDY 1)	R	V		TATIO 2)	N	STRUCTURES (3)				management objectives? □ Yes □ No (Explain on reverse side) N/A
OF CONSTRAST		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	 Additional mitigating measures recommended? □ Yes □ No (Explain on reverse side) TBD
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S	Form				Х				Х	Х				Laren Cyphers/ Chris Bockey 7/17/2020
SINEMEE	Line				Х				Х	Х				
	Color				Х				Х	Х				
	Texture				Х				Х	Х				
										SECT	TION	D. ((Contir	nued)

SECTION D. CONTRAST RATING
SHORT TERM X LONG TERM

Additional Mitigating Measures (See item 3)

To be developed based on further design information.



KOP 7 – Existing Condition – Bridge Trailhead



KOP 7 – Proposed Condition – Bridge Trailhead (Enhanced Bus Service in Peak-period Shoulder Lane Alternative)

VISUAL CONTRAST RATING WORKSHEET

Date	Ime	17	2020	
Daic	սԵ	17,	2020	

District N/A

Resource Area N/A

Activity (program) N/A

SECTION	A. PROJECT INFORMATION	
1. Project Name: Little Cottonwood Canyon Wasatch Blvd to Alta Transportation Improvements	4. Location Sæfigure in EIS sædion	5. Location Sketch Sæfigure in EIS sætion
2. Key Observation Point: 7 - Bridge Trailhead (Enhanced Bus Service in Peak- period Shoulder Lane Alternative)		
3. VRM Class N/A		

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Enclosed, rugged, broken canyon faces; scree slopes	Distinct conical evergreens; shrubby, dense deciduous trees; moderate height shrubs and low grasses	Flat, smooth road
LINE	Broken, converging, irregular, inconsistent lines along canyon faces and ridges	Distinct transition between cut slope and hill; lines created by variation in vegetation	Sinuous, curvilinear road
COLOR	Light tan to light gray soil; soft gray with reddish-toned cliff side	Vibrant yellowish-green to lime green to dark, muted green; isolated gray to dark brown of wood material	Muted dark gray of roadway surface
TEX- TURE	Jagged, rigged, inconsistent, coarse diffs; broken, cobbled sandy roadside	Consistent, dense vegetation; more stippled on rocky slopes; gradational pattern based on vegetation height	Smooth and consistent roadway

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Enclosed perspective; maximum cut areas approximately 70 feet wide, tapering to slope	Low, indistinct grasses and shrubs	Rectangular and geometric retaining wall; geometric, short restrooms
LINE	Pronounced lines between roadside area and cut slope	Line between vegetation type and height; soft, undulating lines	Defined hard line from wall; geometric restrooms
COLOR	Dark brown exposed soil; light gray gravel to cobble exposed rock	Seasonal variety assumed based on revegetation; Removal of dark evergreen trees	Assume tan bathroom; muted gray to dark tones of concrete for retaining wall
TEX-	Abrupt transition from flat to cut slope	Shorter stature oak brush; gradual tapering; loss of vertical elements	Abrupt, defined edged wall; ordered restroom

SECTION D. CONTRAST RATING SHORT TERM X LONG TERM

1.		FEATURES 2. Does project design meet visual resource													
DEGREE		L	AND/ BC (Wate Dy 1)	R	V	EGET (2	atio 2)	N	STRUCTURES (3)				management objectives? □ Yes □ No (Explain on reverse side) N/A	
OF CONSTRAST		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	 Additional mitigating measures recommended? □ Yes □ No (Explain on reverse side) TBD 	
		Str	R	Ň	Ž	Str	NC	Ŵ	Nc	Str	M	Ň	No	Evaluator's Names Date	
S	Form		Х				Х					Х		Laren Cyphers/ Chris Bockey 7/17/2020	
JEMENIS	Line		Х				Х					Х			
	Color			Х			Х					Х			
	Texture		Х				Х					Х			

Additional Mitigating Measures (See item 3)

To be developed based on further design information.

	U.S. GOVERNMENT PRINTIN	NG OFFICE: 1985-461-988/33094
Form 8400 - 4 (September 1985)	UNITED STATES	DateJune 17, 2020

DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

District N/A

5. Location Sketch

SeefgureinElSsection

Resource Area N/A

VISUAL CONTRAST RATING WORKSHEET

Activity (program) N/A

SECTION A. PROJECT INFORMATION

1. Project Name: Little Cottonwood Canyon Wasatch Blvd to Alta Transportation Improvements	4. Location Seefigure in EIS section
2. Key Observation Point: 7 - Bridge Trailhead (Gondola Alternative)	
3. VRMCass	

	SECTION	3. CHARACTERISTIC LANDSCAPE DESCRIPTION	N		
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES		
FORM	Enclosed, rugged, broken canyon faces; Scree slopes	Distinct conical evergreens; shrubby dense deciduous trees; moderate height shrubs and low grasses	Flat, smooth road		
LINE	Broken converging irregular inconsistent lines along canyon faces and ridges	Distinct transition between cut slope and hill; lines created by variation in vegetation	Sinuous; curvilinear road		
SOLOR	Light tan to light gray soil; soft gray with reddish toned diff side	Vibrant yellowish green to lime green to dark muted green; isolated gray to dark brown of wood material	Muted dark gray of roadway surface		
TURE TURE	Jagged, rigged, inconsistent, coarse diffs; broken, cobbled sandy roadside	Consistent, dense vegetations; more stippled on rocky slopes; gradational pattern based on vegetation height	Smooth and consistent roadway		

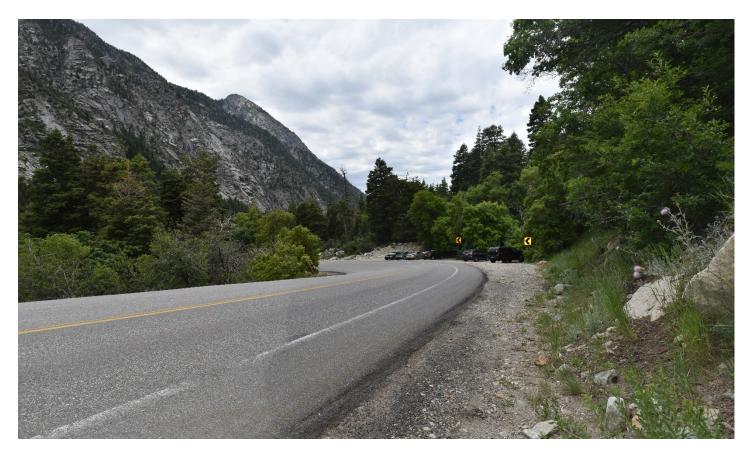
SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	No perceived change.	No perceived change.	Upright, vertical geometric towers with angular and vertical components; linear continuous cables; geometric gondola cabins
LINE	No perceived change.	No perceived change.	Bold vertical rigid tower; intersecting perpendicular lines; continuous cables
COLOR	No perceived change.	No perceived change.	Galvanized steel; dark tones of gondola cabins
TURE	No perceived change.	No perceived change.	Rigid broken inconsistent tower; continuous fine cables; repetitive gondola cabins

					S	ECTI	ON E	D. CC	NTR	ASTI	rati	NGE	⊐ SH(ORT TERM X LONG TERM
1.							FEAT	URES	5					2. Does project design meet visual resource
	DEGREE		LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			management objectives? □ Yes □ No (Explain on reverse side) N/A
OF CONSTRAST		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	 Additional mitigating measures recommended? □ Yes □ No (Explain on reverse side) TBD
			ž	Ň	Ž	ţ	ž	Ň	Ž	ЪЪ	ž	Ň	Ž	Evaluator's Names Date
<i>w</i>	Form				Х				Х		Х			Laren Cyphers/ Chris Bockey 7/17/2020
EMENTS	Line				Х				Х		Х			
ШШ	Color				Х				Х		Х			
	Texture				Х				Х		Х			
									(SECT		D ((Contir	nued)

Additional Mitigating Measures (See item 3)

To be developed based on further design information.



KOP 8 – Existing Condition – Lisa Falls Trailhead

Note: Proposed Condition simulation not included for this KOP.

DateJune 17, 2020

District N/A

Resource Area N/A

Activity (program) N/A

VISUAL CONTRAST RATING WORKSHE	ΞT

SECTION A. PROJECT INFORMATION									
1. Project Name: Little Cottonwood Canyon Wasatch Blvd to Alta Transportation	4. Location	5.LocationSketch							
Improvements	SæfgureinEIS section	SæfgureinElSsætion							

2. Key Observation Point: 8 -Lisa Falls Trailhead (Enhanced Bus Service Alternative) 3. VRMClass IVA

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION								
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES					
FORM	Enclosed, rugged, broken canyon faces; scree slopes	Distinct, conical evergreens; shrubby, dense deciduous trees; moderate-height shrubs and low grasses	Flat, smooth road					
INE	Broken, converging, irregular, inconsistent lines along canyon faces and ridges	Distinct transition between cut slope and hill; lines created by variation in vegetation	Sinuous, curvilinear road					
COLOR	Light tan to light gray soil; soft gray with reddish-toned cliff side	Vibrant yellowish-green to lime green to dark, muted green; isolated gray to dark brown of wood material	Muted dark gray of roadway surface					
ЦЩ ЦЩ	Jagged, rigged, inconsistent, coarse diffs; broken, cobbled sandy roadside	Consistent, dense vegetation; more stippled on rocky slopes; gradational pattern based on vegetation height	Smooth and consistent roadway					

SECTION C. PROPOSED ACTIVITY DESCRIPTION

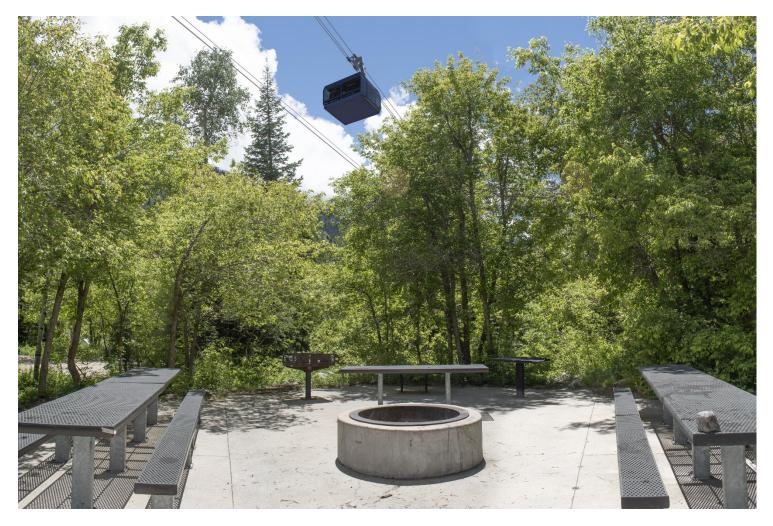
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Soft, subtle transition at parking lot; low, concave depression from drainages	No perceived change.	Geometric, short in structure restrooms; similar to other government vault toilets
LINE	Undulating and continuous line between cut slope and vegetation	No perceived change.	Geometric
QUOR	Light tan to darker brown exposed soils; gray exposed cobble and boulders	No perceived change.	Tan restrooms with dark roof consistent with USFS design
TURE TURE	Tapered smooth transition to parking lot	No perceived change.	Smooth, ordered, subtle

1.	FEATURES							URES	5		2. Does project design meet visual resource			
DEGREE			LAND/WATER BODY (1)			VEGETATION (2)			STRUCTURES (3)			S	management objectives? □ Yes □ No (Explain on reverse side) N/A	
OF CONSTRAST		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	 Additional mitigating measures recommended? Pes Do (Explain on reverse side) TBD Evaluator's Names Date
BEVENTS	Form			Х					Х			х		Laren Cyphers/ Chris Bockey 7/17/2020
	Line			Х					Х			Х		
	Color			Х					Х			Х		
	Texture			Х					Х			Х		

Additional Mitigating Measures (See item 3)



KOP 9 – Existing Condition – Tanners Flat Group Site C



KOP 9 – Proposed Condition – Tanners Flat Group Site C (Gondola Alternatives)

VISUAL CONTRAST RATING WORKSHEET

DateJune 17, 2020

District N/A

Resource Area N/A

Activity (program) N/A

SECTION A. PROJECT INFORMATION									
1. Project Name: Little Cottonwood Canyon Wasatch Blvd to Alta Transportation	4. Location	5. Location Sketch							
Improvements	SæfgureinElSsætion	SæfgureinElSsætion							
2. Key Observation Point: 9 - Tanners Flat Group Site C (Gondola Alternative)									
3. VRM Class N/A									

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Flat canyon bottom; canyon walls mostly obstructed by vegetation and inferior viewpoint; rugged mountain ridgeline seen to the northeast	Vertical, dense, scraggly deciduous trees and shrubs in foreground; conical evergreens at higher elevations	Organized , angular , rigid campground infrastructure; flat, horizontal roadway and parking lot
ΠNE	Sloping ridgeline tapering to canyon bottom	Distinct lines between deciduous trees and shrubs and developed campgrounds; vertical trees	Horizontal and vertical lines of infrastructure; curvilinear parking lot
αιor	Dark brown exposed soils; gray to light gray exposed granite rocks in campground	Yellowish-green deciduous trees; dark green evergreens in background	Grays, blacks, and browns of infrastructure; dark gray asphalt
TEX- TURE	Rugged, tapered canyon walls transition to a generally flat, uniform canyon bottom	Dense, inconsistent, grouped vegetation with varied heights	Organized, unnatural, rigid infrastructure; smooth roadway and parking lot

	SECTION C. PROPOSED ACTIVITY DESCRIPTION									
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES							
FORM	No perceived change.	No perceived change.	Towers obstructed by vegetation; linear continuous cables run overhead southwest to northeast; geometric gondola cabins							
LINE	No perceived change.	No perceived change.	Horizontal continuous cables							
αlor	No perceived change.	No perceived change.	Galvanized steel; dark tones of gondola cabins							
TURE Y	No perceived change.	No perceived change.	Continuous fine cables; repetitive gondola cabins							

1. FEATURES											2. Does project design meet visual resource			
DEGREE		LAND/WATER BODY (1)			VEGETATION (2)				STRUCTURES (3)			S	management objectives? □ Yes □ No (Explain on reverse side) N/A	
	OF CONSTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	 Additional mitigating measures recommended? Pes Do (Explain on reverse side) TBD Evaluator's Names Date
S	Form				Х				Х			Х		Laren Cyphers/ Chris Bockey 7/17/2020
EMENIS	Line				Х				Х			Х		
	Color				Х				Х			Х		
	Texture				Х				Х			Х		

SECTION D. CONTRAST RATING SHORT TERM X LONG TERM

Additional Mitigating Measures (See item 3)



KOP 10 – Existing Condition – First Snow Shed

Note: Proposed Condition simulation not included for this KOP.

DateJune 17, 2020

District N/A

Resource Area N/A

Activity (program) N/A

SECTION A. PROJECT INFORMATIC	N

1. Project Name: Little Cottonwood Canyon Wasatch Blvd to Alta Transportation Improvements	4. Location Sæfigure in EIS sædion	5. Location Sketch Sæfigure in ElS sætion
2. Key Observation Point: 10-First Snow Shed (All Alternatives)		
:3. VRMCass N/A		

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION							
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES				
FORM	Sloping, rolling with intermixed drainages	Vertical, upright deciduous trees; low, indistinct shrubs and ground cover	None visible				
LINE	Broken and intersecting; complex	Directional lines along drainages; broken, undulating, amorphic lines between vegetation patterns and vegetation types	None visible				
2010K	Light brown to dark brown soils; gray to pale yellowish-white exposed rocks	Yellowish-green to deeper green evergreens and aspens; lime green grasses; brown to dark dead or wood vegetation	None visible				
LT LT LT LT	Undulating with a variety of transition within drainages	Feathered, bristly trees; transitional areas of coarse smaller vegetation to taller vegetation	None visible				

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	No perceived change.	No perceived change.	No perceived change.
IINE	No perceived change.	No perceived change.	No perceived change.
QUOR	No perceived change.	No perceived change.	No perceived change.
TLRK-	No perceived change.	No perceived change.	No perceived change.

SECTION D. CONTRAST RATING D SHORT TERM D LONG TERM

1. FEATURES								2. Does project design meet visual resource						
DEGREE		LAND/WATER BODY (1)			VEGETATION (2)				STRUCTURES (3)			S	management objectives? □ Yes □ No (Explain on reverse side) TBD	
	OF CONSTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	 Additional mitigating measures recommended? □ Yes X No (Explain on reverse side)
		0	2	Λ	2	0)	2	Λ	2	5	2	>	2	Evaluator's Names Date
(0	Form				Х				Х				Х	Laren Cyphers/ Chris Bockey 7/17/2020
aements	Line				Х				Х				Х	
ШШ	Color				Х				Х				Х	
	Texture				Х				Х				Х	

Additional Mitigating Measures (See item 3) None recommended



KOP 11 – Existing Condition – Southwest Toward Tanners Flat (S.R. 210)



KOP 11 – Proposed Condition – Southwest Toward Tanners Flat (S.R. 210) (Snow sheds - All Alternatives)

VISUAL CONTRAST RATING WORKSHEET

DateJune 17, 2020

District N/A

Resource Area N/A

Activity (program) N/A

SECTION		
1. Project Name: Little Cottonwood Canyon Wasatch Blvd to Alta Transportation Improvements	4. Location Sæfigure in EIS sætion	5. Location Sketch Sæfigure in EIS sætion
2. Key Observation Point: 11 - Southwest Toward Tanners Flat (S.R. 210) (Gondola Alternative)		

3. VRM Class N/A

	SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION								
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES						
FORM	Enclosed, rugged, broken canyon faces; scree slopes; abrupt transition to northeastem slope from flat roadway	Distinct, conical evergreens; shrubby, dense deciduous trees; moderate height shrubs and low grasses	Flat, smooth road						
INE	Broken, irregular, inconsistent lines along canyon faces and ridges	Distinct transition between bare roadway and gradually more vegetated hill; lines created by variation in vegetation	Sinuous, curvilinear road						
2010R	Light tan to light gray soil; soft gray granite diff side and loose rock near roadside	Vibrant yellowish-green to lime green to dark, muted green; isolated gray to dark brown of wood material	Muted dark gray of roadway surface						
TURE	Ridged, inconsistent, coarse diffs; broken, cobbled sandy roadside	Consistent, dense vegetation; gradational pattern based on vegetation height	Smooth and consistent roadway						

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES						
FORM	No perceived change.	No perceived change.	Towers mostly obstructed by snowshed, cabin visible with movement; linear continuous cables run overhead; geometric openings of snowshed and enclosure						
LINE	No perceived change.	No perceived change.	Horizontal continuous cables, distinctive vertical and horizontal lines of snowshed						
X010X	No perceived change.	No perceived change.	Galvanized steel; dark tones of gondola cabins; light muted gray of concrete snowshed						
LEX LIEX	No perceived change.	No perceived change.	Continuous fine cables; repetitive gondola cabins; rigid, hard, and repetitive elements of snowshed						

SECTION D. CONTRAST RATING I SHORT TERM X LONG TERM

1. FEATURES									2. Does project design meet visual resource					
DEGREE		LAND/WATER BODY (1) VEGETATION (2) (3)						N	S			S	management objectives? □ Yes □ No (Explain on reverse side) N/A	
OF CONSTRAST		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	 Additional mitigating measures recommended? □ Yes □ No (Explain on reverse side) TBD
		Ś	Σ	\leq	Ž	Ś	Σ	\leq	Ň	Ś	Σ	\triangleleft	Ž	Evaluator's Names Date
6	Form				Х				Х	Х				Laren Cyphers/ Chris Bockey 7/17/2020
ELEMENTS	Line				Х				Х	Х				
	Color				Х				Х	Х				
	Texture				Х				Х	Х				

Additional Mitigating Measures (See item 3)



KOP 12 – Existing Condition – Second Snow Shed (S.R. 210)



KOP 12 – Proposed Condition – Second Snow Shed (S.R. 210) (Enhanced Bus Service Alternative)

DateJune 17, 2020

District N/A

Resource Area N/A

Activity (program) N/A

VISUAL CONTRAST RATING WORKSHEET

SECTION A. PROJECT INFORMATION											
1. Project Name: Little Cottonwood Canyon Wasatch Blvd to Alta Transportation Improvements	4. Location Sæfigure in EIS sætion	5. Location Sketch Sæfigure in EIS section									
2. Key Observation Point: 12 - Second Snow Shed (S.R. 210) (Enhanced Bus Service in Peak-period Shoulder Lane Alternative)											
3. VRMClass N/A											

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES							
FORM	Enclosed, rugged canyon faces and ridgelines; scree slopes	Distinct, conical evergreens; shrubby, dense deciduous trees; moderate height shrubs and low grasses	Flat, smooth road							
LINE	Broken, irregular, inconsistent lines along canyon ridges	Distinct transition between bare roadway and tall conifers; lines created by variation in vegetation	Sinuous, curvilinear road							
COLOR	Light tan to light gray soil; soft gray granite cliff side and loose rock near roadside	Vibrant yellowish-green to lime green to dark, muted green; isolated gray to dark brown of wood material	Muted dark gray of roadway surface							
TEX- TURE	Ridged, inconsistent, coarse cliffs; broken, cobbled sandy roadside	Consistent, dense vegetation; gradational pattern based on vegetation height	Smooth and consistent roadway							

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES		
FORM	Horizontal, tapered transition into slope of snow chute	Low, indistinct grasses and shrubs	Geometric rectangle, rigid, defined, bold/dark opening		
LINE	Subtle line created between snow shed and earth	Line between vegetation type and height; soft, undulating lines	Angular, sloping, continuous line of length of snow shed wall, perpendicular intersection lines of snow shed opening		
αor	Dark brown to light gray exposed soil	Seasonal variety assumed based on revegetation; Removal of dark evergreen trees	Light gray muted concrete		
TURE	Smooth, consistent, and feathered to existing slope	Shorter stature oak brush; gradual tapering; loss of vertical elements	Soft face; rigid and abrupt edges of snow shed opening		

SECTION D. CONTRAST RATING SHORT TERM X LONG TERM

1.		FEATURES												2. Does project design meet visual resource
DEGREE		LAND/WATER BODY (1) VEGETATION STRUCTURES (2) (3)						N	S			S	management objectives? □ Yes □ No (Explain on reverse side) N/A	
	OF CONSTRAST	Strong	Voderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	 Additional mitigating measures recommended? □ Yes □ No (Explain on reverse side) TBD
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S	Form		Х				Х			Х				Laren Cyphers/ Chris Bockey 7/17/2020
JEMENTS	Line		Х				Х			Х				
Ē	Color		Х				Х			Х				
	Texture		Х				Х			Х				

Additional Mitigating Measures (See item 3)



KOP 13 – Existing Condition – Third Snow Shed (S.R. 210)



KOP 13 – Proposed Condition – Third Snow Shed (S.R. 210) (Enhanced Bus Service Alternative)

VISUAL CONTRAST RATING WORKSHEET

Date	Ime	17	2020	
Daic	սԵ	17,	2020	

District N/A

Resource Area N/A

Activity (program) N/A

SECTION A. PROJECT INFORMATION												
1. Project Name: Little Cottonwood Canyon Wasatch Blvd to Alta Transportation Improvements	4. Location SæfgureinEIS sædion	5. Location Sketch Sæfigure in ElS sætion										
2. Key Observation Point: 13 – Third Snow Shed (S.R. 210) (Enhanced Bus Service in Reak-period Shoulder Lane Alternative)												
3. VRM Class N/A												

	SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION										
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES								
FORM	Enclosed, rugged canyon faces and ridgelines; scree slopes;	Distinct, conical evergreens; shrubby, dense deciduous trees; moderate height shrubs and low grasses	Flat, smooth road								
LINE	Broken, irregular, inconsistent lines along canyon ridges	Distinct transition between bare roadway and vertical scraggly aspens and evergreens; lines created by variation in vegetation	Sinuous, curvilinear road								
2010K	Light tan to light gray soil; soft gray granite diff side and loose rock near roadside	Vibrant yellowish-green to lime green to dark, muted green; isolated gray to dark brown of wood material	Muted dark gray of roadway surface								
-YEL	Ridged, inconsistent, coarse cliffs; broken, cobbled sandy roadside	Consistent, dense vegetation; gradational pattern based on vegetation height	Smooth and consistent roadway								

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES		
FORM	Horizontal tapered transition into slope of snow chute	Low, indistinct grasses and shrubs	Geometric rectangle, rigid, defined, bold/dark opening		
LINE	Subtle line created between snow shed and earth	Line between vegetation type and height; soft, undulating lines	Angular, sloping, continuous line length of snow shed wall, perpendicular intersection lines of snow shed opening		
2010K	Dark brown to light gray exposed soil	Yellow green vegetation; seasonal variety assumed based on revegetation	Light gray muted concrete		
TLRK-	Smooth, consistent and feathered to existing slope	Subtle change to low vegetation and decreased density	Soft face; rigid and abrupt edges of snow shed opening		

SECTION D. CONTRAST RATING SHORT TERM X LONG TERM

1.		FEATURES												2. Does project design meet visual resource	
DEGREE		L		Wate DDY 1)	R	V	EGET (2	Tatio 2)	N	STRUCTURES (3)			S	management objectives? □ Yes □ No (Explain on reverse side) N/A	
	OF CONSTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	 Additional mitigating measures recommended? □ Yes □ No (Explain on reverse side) TBD 	
		ţ	Ŋ	Ŵ	S	Sth	Mo	Ŵ	No	Str	Ŋ	Ň	No	Evaluator's Names Date	
S	Form		Х				Х			Х				Laren Cyphers/ Chris Bockey 7/17/2020	
SI Line Color			Х				Х			Х					
ШШ	Color		Х				Х			Х					
	Texture		Х				Х			Х					

Additional Mitigating Measures (See item 3)

VISUAL CONTRAST RATING WORKSHEET

Date June 17, 2020

District N/A

Resource Area N/A

Activity (program) N/A

SECTION A. PROJECT INFORMATION										
1. Project Name: Little Cottonwood Canyon Wasatch Blvd to Alta Transportation	4. Location	5. Location Sketch								
Improvements	SæfgureinElSsætion	SæfgureinElSsætion								
2. Key Observation Point: 13 - Third Snow shed (Gondola Alternative)										
3. VRM Class N/A										

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION										
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES							
FORM	Enclosed, rugged canyon faces and ridgelines; Scree slopes;	Distinct conical evergreens; shrubby dense deciduous trees; moderate height shrubs and low grasses	Flat, smooth road							
LINE	Broken irregular inconsistent lines along canyon ridges	Distinct transition between bare roadway and vertical scraggly aspens and evergreens; lines created by variation in vegetation	Sinuous; curvilinear road							
COLOR	Light tan to light gray soil; soft gray granite cliff side and loose rock near roadside	Vibrant yellowish green to lime green to dark muted green; isolated gray to dark brown of wood material	Muted dark gray of roadway surface							
LIRK TURE	Ridged, inconsistent, coarse cliffs; broken, cobbled sandy roadside	Consistent, dense vegetation; gradational pattem based on vegetation height	Smooth and consistent roadway							

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	No perceived change.	No perceived change.	Towers entirely obstructed by vegetation; curvilinear continuous cables run overhead visible from canopy to canopy; geometric gondola cabins
UNE	No perceived change.	No perceived change.	Curved continuous cables
2010R	No perceived change.	No perceived change.	Galvanized Steel; dark tones of gondola cabins
Ϋ́Ξ	No perceived change.	No perceived change.	Continuous fine cables; repetitive gondola cabins

	SECTION D. CONTRAST RATING SHORT TERM LONG TERM																
1.			FEATURES											2. Does project design meet visual resource			
DEGREE		L	BC	Wate DDy 1)	ĒR	V		Tatio 2)	N	S		CTURE 3)	S	management objectives? □ Yes □ No (Explain on reverse side) N/A			
OF CONSTRAST			ate				ate				ate			3. Additional mitigating measures recommended?			
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	□ Yes □ No (Explain on reverse side) TBD			
(0	Form				Х				Х			Х		Evaluator's Names Date			
EMENIS	Line				Х				Х			Х		Laren Cyphers/ Chris Bockey 7/17/2020			
ШШ	Color				Х				Х			Х					
	Texture				Х				Х			Х					
	SECTION D. (Continued)																

N/A

Additional Mitigating Measures (See item 3)



KOP 15 – Existing Condition – Red Pine Trail Mid



KOP 15 – Proposed Condition – Red Pine Trail Mid (Gondola Alternatives)

DateJune 17, 2020

District N/A

Resource Area N/A

Activity (program) N/A

VISUAL CONTRAST RATING WORKSHEE	Т
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SECTION	A. PROJECT INFORMATION	
1. Project Name: Little Cottonwood Canyon Wasatch Blvd to Alta Transportation Improvements	4. Location Sæfigure in EIS section	5.LocationSketch SæfgureinElSsection
2. Key Observation Point: 15 - Red Pine Trail Mid (Enhanced Bus Service in Peak- period Shoulder Lane Alternative)		

3. VRM Class N/A

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION										
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES							
FORM	Bold, trapezoidal, prominent canyon walls that create an enclosed, bowl setting; ridges/spines descending canyon walls	Vertical, conical evergreens transition to low grasses and shrubs	Flat, smooth road							
LINE	Horizontal, undulating horizon; directional drainages and snow shoots; U-shape created by canyon walls on either edge of the viewshed	Amorphic lines between vegetation type; distinct lines between dense vegetation and exposed rock	Sinuous, curvilinear road							
2010R	Light brown to tan soils; gray to grayish- white exposed rocks	Dark green evergreens; light green to lime green shrubs and grasses	Muted dark gray of roadway surface							
ЦЦ ЦЦ	Variety of exposed rock outcrops intermixed with inconsistent ridges across canyon walls	Feathered, bristly, transitional areas of smaller vegetation to taller vegetation	Smooth and consistent roadway							

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Cut slopes would be similar to existing condition.	No perceived change.	No perceived change.
IINE	Cut slopes would be similar to existing condition.	No perceived change.	No perceived change.
NOLOR	Cut slopes would be similar to existing condition.	No perceived change.	No perceived change.
TURE	Cut slopes would be similar to existing condition.	No perceived change.	No perceived change.

SECTION D. CONTRAST RATING SHORT TERM X LONG TERM

1. FEATURES								URES	2. Does project design meet visual resource							
DEGREE		L	BC	Wate DDY 1)	R	V	EGET/		N	S		TURE 3)	S	management objectives? □ Yes □ No (Explain on reverse side) N/A		
	OF CONSTRAST	Strong	Moderate	Weak	None	Strang	Moderate	Weak	None	Strong	Moderate	Weak	None	 Additional mitigating measures recommended? □ Yes □ No (Explain on reverse side) TBD 		
		Ŷ	No	¥	£	Ŷ	No	W	2	ß	No	Ŵ	2	Evaluator's Names Date		
ELEMENTS	Form			Х					Х				Х	Laren Cyphers/ Chris Bockey 7/17/2020		
EE	Line			Х					Х				Х			

Color		Х			Х		Х
Texture		Х			Х		х
 						ION	Conti

N/A

Additional Mitigating Measures (See item 3)

VISUAL CONTRAST RATING WORKSHEET

Date	Ime	17	2020	
Daic	սԵ	17,	2020	

District N/A

Resource Area N/A

Activity (program) N/A

SECTION A. PROJECT INFORMATION										
1. Project Name: Little Cottonwood Canyon Wasatch Blvd to Alta Transportation	4. Location	5. Location Sketch								
Improvements	SæfgureinElSsætion	SæfgureinElSsætion								
2. Key Observation Point: 15 - Red Pine Mid-Trail (Gondola Alternative)										
3. VRM Class IVA										

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Bold, trapezoidal, prominent canyon walls that create an enclosed, bowl setting; ridges/spines descending canyon walls	Vertical conical evergreens transition to low grasses and shrubs	Flatt, smooth road
LINE	Horizontal, undulating horizon; directional drainages and snow shoots; "U" shape created by canyon walls on either edge of the viewshed	Amorphic lines between vegetation type; distinct lines between dense vegetation and exposed rock	Sinuous curvilinear road
X010R	Light brown to tan soils; gray to grayish white exposed rocks;	Dark green evergreens; light green to lime green shrubs and grasses	Muted dark gray of roadway surface
ЦК ЦК	Variety of exposed rock outcrops intermixed with inconsistent ridges across canyon walls	Feathered, bristly, transitional areas of smaller vegetation to taller vegetation	Smooth and consistent roadway

SECTION C. PROPOSED ACTIVITY DESCRIPTION

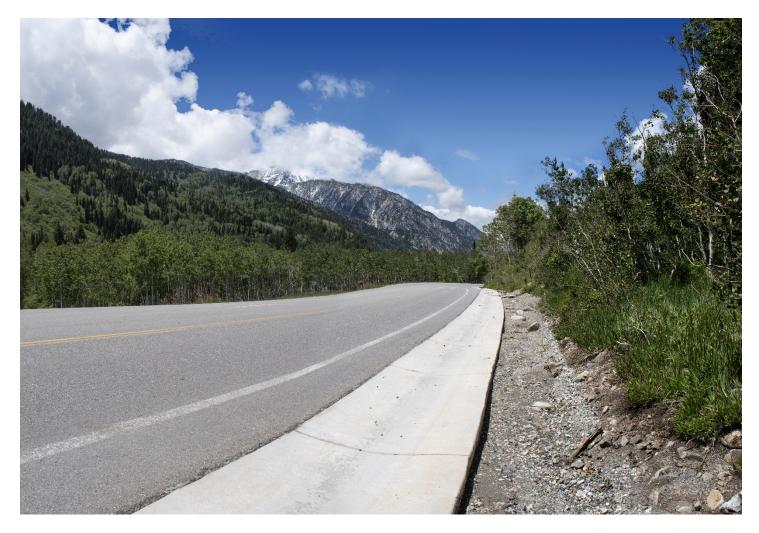
	0201	ION C. TROI OSED ACTIVITI DESCRIPTION	1
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	No perceived change.	Consistent geometric/square pattern of tower footing; rectangular clearing on approach and exit of the turn station	Repetitive distinctive continuous and soft angles of lattice structure; geometric, domed or blocky, bod distinct turn station
IUNE	No perceived change.	Distinctive lines from vegetation dearings	Vertical triangular, distinctive towers give way to finer lines as the eye moves down canyon; continuous, fine, directional cables; distinct, horizontal and vertical lines of the abrupt, rigid, turn station
COLOR	No perceived change.	No change.	Galvanized steel; dark tones of gondola cabins
TLRY.	No perceived change.	Distinct geometric patterns; consistent rhythmic, unnatural openings	Repetitive, continuous towers and cables; irregular, rigid turn station; consistent pattern of gondola cabins

SECTION D. CONTRAST RATING SHORT TERM X LONG TERM

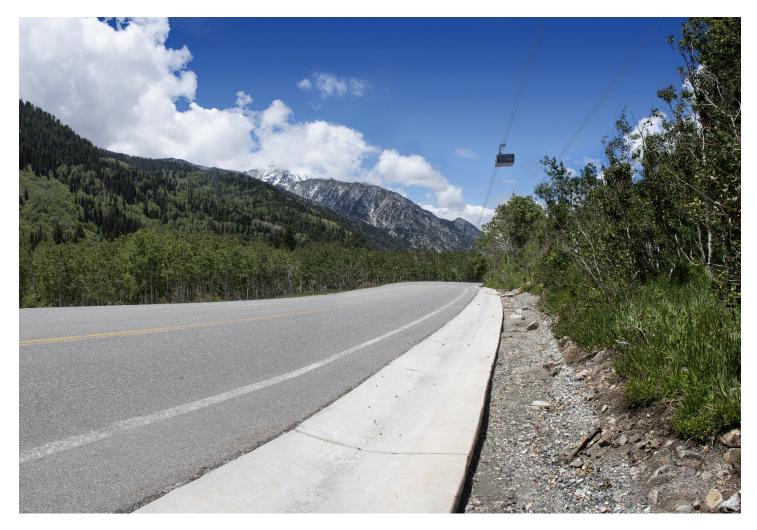
1.		FEATURES												2. Does project design meet visual resource	
DEGREE		LAND/WATER BODY (1)				VEGETATION STRUCTURES (2) (3)							ĒS	management objectives? □ Yes □ No (Explain on reverse side) N/A	
	OF CONSTRAST		Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	 Additional mitigating measures recommended? Yes I No (Explain on reverse side) TBD Evaluator's Names Date 	
S	Form				Х		Х			Х				Laren Cyphers/ Chris Bockey 7/17/2020	
	Line				Х			Х		Х					
ELEMENTS	Color				Х				Х	Х					
	Texture				Х			Х		Х					

N/A

Additional Mitigating Measures (See item 3)



KOP 16 – Existing Condition – White Pine Trailhead



KOP 16 - Proposed Condition - White Pine Trailhead (Gondola Alternatives)

VISUAL CONTRAST RATING WORKSHEET

DateJune 17, 2020

District N/A

Resource Area N/A

Activity (program) N/A

SECTION A. PROJECT INFORMATION											
1. Project Name: Little Cottonwood Canyon Wasatch Blvd to Alta Transportation Improvements	4. Location Sæfigure in ElS section	5. Location Sketch Sæfgure in EIS section									
2. Key Observation Point: 16 - White Pine Trailnead (Enhanced Bus Service Alternative)											
3. VRM Class N/A											

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Broken, horizontal ridgeline to north and smoother ridgeline to southeast; concave valley with high walls; angular, upright rock features; flatter valley bottom	Conical evergreens; feathered, scraggly aspens, low grasses, medium indistinct shrubs; amorphic shapes between vegetation transitions	Flat, horizontal road; geometric signage
LINE	Undulating, sometimes broken ridgeline of canyon walls mostly obstructed by inferior viewpoint and vegetation	Amorphic, indistinct, soft, and transitional; differences driven by color and height	Horizontal, continuous road
001.0R	Muted gray exposed rock; light tan to grayish soils	Lime green grasses and shrubs; dark yellow green conifers; yellowish-green aspens; gray brown dead wood material	Dark gray asphalt; yellow signage
TEX- TURE	Rugged, rocky, rigid; some smooth transition to lower elevations with less exposed rock	Bristly, fairly consistent, gradational pattern, based on vegetation height	Smooth, continuous road

SECTION C. PROPOSED ACTIVITY DESCRIPTION

SECTION C. FROFOSED ACTIVITY DESCRIPTION								
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES					
FORM	Higher mounded road that tapers toward lot; ramp that ascends to existing road surface; cut slopes and fill would look similar to existing conditions	No perceived change.	Non-roadway structures mimic existing parking structure and infrastructure; flat, broad, consistent parking lot mostly obstructed					
LINE	Defined transition from horizontal sloping line of fill; subtle transition to grade	Distinct lines between vegetation and soil; distinct lines at parking lot to vegetation; subtle and undulating lines to match cut slope	Subtle line between asphalt and fill; distinct line between lot and vegetation with abrupt transition					
2010K	Dark browns to light gray exposed soil on mounds and cut and fill slopes	No perceived change.	Dark gray to black asphalt; contrast at freshly painted road markings					
ЦЦ ЦЦ ЦЦ	Uniform, continuous, smooth along mounds	Subtle transitions to low vegetation; softer, finer textures on entry and exit to lot	Smooth, consistent roadway and parking surface					

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

1. FEATURES										2. Does project design meet visual resource				
DEGREE		LAND/WATER BODY (1)			VEGETATION (2)			S	STRUCTURES (3)			management objectives? □ Yes □ No (Explain on reverse side) N/A		
OF CONSTRAST		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	 Additional mitigating measures recommended? □ Yes □ No (Explain on reverse side) TBD
	Form				Х			-	Х			X		Evaluator's Names Date Laren Cyphers/ Chris Bockey 7/17/2020
aements	Line				Х			Х				Х		
EEV	Color				Х				Х			Х		
	Texture				Х			Х				Х		

N/A

Additional Mitigating Measures (See item 3)

	U.S. GOVERNMENT PRINTING OFFICE: 1985-461-988/330	094
Farm 8400 - 4 (September 1985)	UNITED STATES	DateJune 17, 2020

DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

District N/A

Resource Area N/A

VISUAL CONTRAST RATING WORKSHEET

Activity (program) N/A

SECTION A. PROJECT INFORMATION

1. Project Name: Little Cottonwood Canyon

4. Location Sæfgurein ElS section 5. Location Sketch See figure in EIS section

2. Key Observation Point: 16 - White Pine Trailhead (Gondola Alternative)

3. VRM Class N/A

	N		
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
	Broken, horizontal ridgeline to north and smoother ridgeline to southeast; concave valley with high walls; angular upright rock features; flatter valley bottom	Conical evergreens; feathered scraggly aspens, low grasses, medium indistinct shrubs; amorphic shapes between vegetation transitions	Flat horizontal road; geometric signage
1 1 1	Undulating sometimes broken ridgeline of canyon walls mostly obstructed by inferior viewpoint and vegetation	Amorphic indistinct soft and transitional; differences driven by color and height	horizontal, continuous road
5	Muted gray exposed rock; light tan to grayish soils	Lime green grasses and shrubs; dark yellow green conifers; yellowish green aspens; gray brown dead wood material	Dark gray asphalt; yellow signage
Å	Rugged, rocky, rigid; some smooth transition to lower elevations with less exposed rock	Bristly, fairly consistent, gradational pattern, based on vegetation height	Smooth continuous road

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	No perceived change.	No perceived change.	Tower to the west is obstructed; Tower to the east: Upright, vertical, geometric form with angular and vertical components; linear continuous cables; geometric square gondola cabins
LINE	No perceived change.	No perceived change.	Bold, vertical, rigid; intersecting perpendicular lines; continuous cables
COLOR	No perceived change.	No perceived change.	Galvanized steel; dark tones of gondola cabins
TURE	No perceived change.	No perceived change.	Rigid, broken, inconsistent towers; continuous fine cables; repetitive gondola cabins

1.			FEATURES											2. Does project design meet visual resource			
DEGREE		L		Wate DDY 1)	ĒR	V		Tatio 2)	N	S		CTURE 3)	ĒS	─ management objectives? □ Yes □ No (Explain on reverse side) N/A			
OF CONSTRAST		Strang	Moderate	Weak	None	Strang	Moderate	Weak	None	Strong	Moderate	Weak	e	 Additional mitigating measures recommended? □ Yes □ No (Explain on reverse side) TBD 			
			Ŋ	We	P	fS	ð	We	2	f	ð	We	None	Evaluator's Names Date			
(0	Form				Х				Х	Х				Laren Cyphers/ Chris Bockey 7/17/2020			
ENIE	Line Color				Х				Х	Х							
	Color				Х				Х	Х							
	Texture				Х				Х	Х							
										SECT	ION	D. ((Contir	nued)			

SECTION D. CONTRAST RATING D SHORT TERM D LONG TERM

N/A

Additional Mitigating Measures (See item 3)



KOP 17 – Existing Condition – White Pine Lake Trail

Note: Proposed Condition simulation not included for this KOP.

VISUAL CONTRAST RATING WORKSHEET

DateJune 17, 2020

District N/A

Resource Area N/A

Activity (program) N/A

SECTION A. PROJECT INFORMATION										
4. Location	5. Location Sketch									
SeefgureinElSsection	SæfgureinElSsædion									
	4. Location									

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Bold, trapezoidal, prominent diff faces with spined slopes; distinct scree slopes; upright broken exposed rock faces	Vertical, conical evergreens; tall, skinny aspens; predominately indistinct grasses and moderate-height shrubs in foreground	No structures visible.
ΓNE	Horizontal, undulating horizon; directional drainages along slope faces	Directional lines along drainages; distinct, irregular lines of vegetation groupings	
00LOR	Light brown to grayish soils; gray to pale yellow exposed rock and scree fields	Dark green evergreens; light green to yellowish-green of aspens, shrubs, and grasses	
TUR€	Variety of exposed rocky outcrops and broken rock faces; irregular, rugged, ridged spines across mountain	Transitional areas of tall, feathery evergreens to low indistinct shrubs and grasses in the background; dense, consistent vegetation in the foreground	

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES		
FORM	No perceived change.	No perceived change.	Geometric pattern of (presumably) square pad; pyramidal, tall, slender tower		
LINE	No perceived change.	No perceived change.	A finer, softer tower structure due to busy background; distant, fine cables against busy background		
00.0R	No perceived change.	No perceived change.	Galvanized steel		
LEK-	No perceived change.	No perceived change.	Softened, rigid gondola elements		

SECTION D. CONTRAST RATING D SHORT TERM D LONG TERM

1.		FEATURES												 Does project design meet visual resource management objectives? □ Yes □ No (Explain on reverse side) N/A 	
DEGREE		LAND/WATER BODY (1)			VEGETATION (2)			STRUCTURES (3)			S				
OF CONSTRAST		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	 Additional mitigating measures recommended? □ Yes □ No (Explain on reverse side) TBD 	
		La S	ĭ ĭ	Ŵ	Š	St	Mc	Ŵ	S	Т.S	Ro	Ň	Я	Evaluator's Names Date	
ELEMENTS	Form				Х				Х		Х			Laren Cyphers/ Chris Bockey 7/17/2020	
	Line				Х				Х			Х			
	Color				Х				Х						
	Texture				Х				Х			Х			

Additional Mitigating Measures (See item 3)

	U.S. GOVERNMENT PRINTING OFFICE: 1985-461-988/33	094
Farm 8400 - 4 (September 1985)	UNITED STATES	DateJune 17, 2020

DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

District N/A

Resource Area N/A

VISUAL CONTRAST RATING WORKSHEET

Activity (program) N/A

SECTION A. PROJECT INFORMATION									
1. Project Name: Little Cottonwood Canyon Wasatch Blvd to Alta Transportation	4. Location	5. Location Sketch							
Improvements	SæfgureinElSsection	SæfgureinElSsætion							
2. Key Observation Point 17 - White Pine Lake Trail (Enhanced Bus Service in									
Peak-period Shoulder Lane Alternative; Snowsheds without berms)									
	-								
3. VRM Class N/A									
	1								

	SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION							
	1. LAND/WATER	3. STRUCTURES						
FORM	Bold, trapezoidal, prominent diff faces with spined slopes; distinct scree slopes; upright, broken, exposed rock faces	Vertical, conical evergreens; tall skinny aspens; predominately indistinct grasses and moderate-height shrubs in foreground	No structures visible.					
LINE	Horizontal, undulating horizon; directional drainages along slope faces	Directional lines along drainages; distinct, irregular lines of vegetation groupings						
00LOR	Light brown to grayish soils; gray to pale yellow exposed rock and scree fields	Dark green evergreens; light green to yellowish-green of aspens, shrubs, and grasses						
¥⊒ L	Variety of exposed rocky outcrops and broken rock faces; irregular, rugged, ridged spines across mountain	Transitional areas of tall, feathery evergreens to low, indistinct shrubs and grasses in the background; dense, consistent vegetation in the foreground						
	SECTION C. PROPOSED ACTIVITY DESCRIPTION							

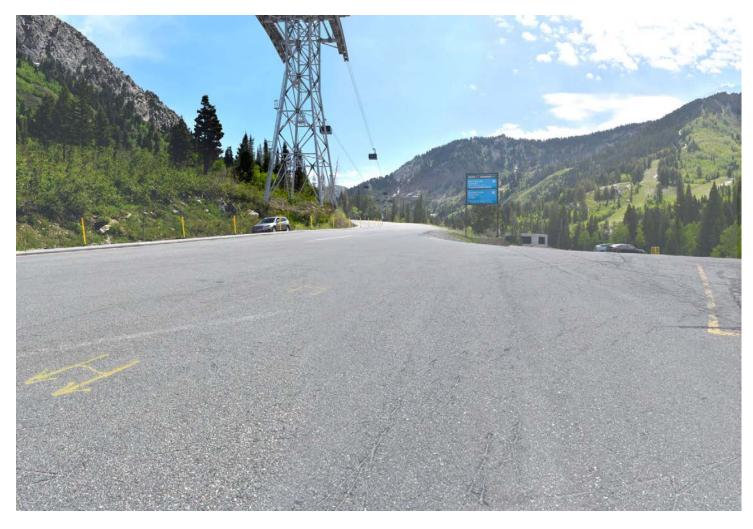
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Horizontal tapered transition into slope of snow shoot	Low indistinct grasses and shrubs	N/A – Obstructed by vegetation and topography
LNE	Subtle line created between snow shed and earth	Line between vegetation type and height; soft undulating lines	N/A – Obstructed by vegetation and topography
COLOR	Dark brown to light gray exposed soil	Yellow green vegetation; seasonal variety assumed based on revegetation	N/A – Obstructed by vegetation and topography
TLR.	Smooth, consistent and feathered to existing slope	Subtle change to low vegetation and decreased density	N/A – Obstructed by vegetation and topography

	SECTION D. CONTRAST RATING - SHORT TERM - LONG TERM													
1.			FEATURES											2. Does project design meet visual resource
	DEGREE	LAND/WATER BODY (1)		VEGETATION (2)				STRUCTURES (3)			ĒS	management objectives? □ Yes □ No (Explain on reverse side) N/A		
	OF CONSTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	 Additional mitigating measures recommended? □ Yes □ No (Explain on reverse side) TBD
			N	Ŵ	S	St	No	Ŵ	Š	St	Mc	Ŵ	No	Evaluator's Names Date
Ś	Form			Х				Х					Х	Laren Cyphers/ Chris Bockey 7/17/2020
EMENIS	Line			Х				Х					Х	
Ш	Color			Х				Х					Х	
	Texture			Х				Х					Х	
	SECTION D. (Continued)													

Additional Mitigating Measures (See item 3)



KOP 18 – Existing Condition – Snowbird Entry 1



KOP 18 – Proposed Condition – Snowbird Entry 1 (Gondola Alternatives)

DateJune 17, 2020

District N/A

Resource Area N/A

Activity (program) N/A

VISUAL CON	ITRAST RATING	G WORKSHEET
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SECTION A. PROJECT INFORMATION

1. Project Name: Little Cottonwood Canyon Wasatch Blvd to Alta Transportation	4. Location	5. Location Sketch
Improvements	SeefgureinElSsection	SæfgureinElSsætion
2. Key Observation Point: 18 - Snowbird Entry 1 (Gondola Alternative)		
3. VRM Class IVA		
3. VNVICABSTVA		

_	SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION								
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES						
FORM	Broken, rugged diff faces; concave valley with high walls; angular, upright rock features	Conical evergreens; feathered aspens, low grasses, medium indistinct shrubs; amorphic shapes between vegetation transitions	Angular, geometric structures; linear, cylindrical tube; flat, horizontal road; geometric signage; tall, vertical, insistent lift towers						
LINE	Converging angular lines that create a focal point; undulating, broken ridgeline of canyon walls; angular striations; directional incised drainages	Amorphic, indistinct soft and transitional; differences driven by color	Horizontal, rigid, definite; continuous, horizontal conveyor tube; flowing road						
00LOR	Beige to muted gray exposed rock; light tan to rust soils; gold banding	Lime green grasses and shrubs; dark yellow green conifers; gray brown dead wood material	Light gray concrete; black windows; reflective shiny tube, blues of tube and resort sign; muted gray lift towers						
	Rugged, rocky, rigid; some smooth transition to lower elevations with less exposed rock	Bristly, fairly consistent, gradational pattern, based on vegetation height	Smooth with defined edges; continuous, smooth tube; continuous, repetitive towers; smooth, continuous road						

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	No perceived change.	No perceived change.	Upright, vertical, geometric form with angular and vertical components; linear, continuous cables; geometric, square gondola cabins
LINE	No perceived change.	No perceived change.	Bold, vertical, rigid; intersecting perpendicular lines; continuous cables
COLOR	No perceived change.	No perceived change.	Galvanized steel; dark tones of gondola cabins
TURE	No perceived change.	No perceived change.	Rigid, broken, inconsistent towers; continuous fine cables; repetitive gondola cabins

SECTION D. CONTRAST RATING SHORT TERM X LONG TERM

1.		FEATURES											2. Does project design meet visual resource	
		LAND/WATER BODY (1)				VEGETATION (2)				STRUCT (3)		6	management objectives? □ Yes □ No (Explain on reverse side) N/A	
(OF CONSTRAST	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Woderate	Weak	None	 Additional mitigating measures recommended? □ Yes □ No (Explain on reverse side) TBD
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()	Form				Х				Х	Х				Laren Cyphers/ Chris Bockey 7/17/2020
Ĩ	Line				Х				Х	Х				
JEMENIS	Color				Х				Х	Х				
	Texture				Х				Х		Х			

Additional Mitigating Measures (See item 3)

	U.S. GOVERNMENT PRINTING OFFICE: 1985-461-988/33	094
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DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

District N/A

Resource Area N/A

VISUAL CONTRAST RATING WORKSHEET

Activity (program) N/A

SECTION A. PROJECT INFORMATION							
1. Project Name: Little Cottonwood Canyon Wasatch Blvd to Alta Transportation	4. Location	5. Location Sketch					
Improvements	SæfgureinElSsætion	SæfgureinElSsætion					
2. Key Observation Point: 18 -Snowbird Entrance 1 (Enhanced Bus Service in							
Peak-period Shoulder Lane)							
3. VRM Class N/A							

	SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION										
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES								
FORM	Broken rugged cliff faces; concave valley with high walls; angular upright rock features	Conical evergreens; feathered aspens, low grasses, medium indistinct shrubs; amorphic shapes between vegetation transitions	Angular geometric structures; linear cylindrical tube; flat horizontal road; geometric signage; tall vertical insistent lift towers								
LINE	Converging angular lines that create a focal point; undulating broken ridgeline of canyon walls; angular striations; directional incised drainages	Amorphic indistinct soft and transitional; differences driven by color	horizontal, rigid, definite; continuous horizontal conveyor tube; flowing road								
20 CR	Beige to muted gray exposed rock; light tan to rust soils; gold banding	Lime green grasses and shrubs; dark yellow green conifers; gray brown dead wood material	Light gray concrete; black windows; reflective shiny tube , blues of tube and resort sign; muted gray lift towers								
TURE	Rugged, rocky, rigid, ; some smooth transition to lower elevations with less exposed rock	Bristly, fairly consistent, gradational pattern, based on vegetation height	Smooth with defined edges; continuous smooth tube; continuous repetitive towers; smooth continuous road								

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Cut areas tapering to slope	Low, indistinct grasses and shrubs	N/A
LNE	Pronounced lines between roadside area and cut slope	Line between vegetation type and height; soft, undulating lines	N/A
QUOK	Exposed dark brown to gray soils with exposed muted gray rocks (1-3 ft cobbles)	Seasonal variety assumed based on revegetation; Removal of dark evergreen trees	N/A
TURE TEX	Abrupt transition from flat to cut slope	Shorter stature oak brush; gradual tapering; loss of vertical elements	N/A

1.	FEATURES									2. Does project design meet visual resource					
DEGREE		LAND/WATER BODY (1)				V		Tatio 2)	N	STRUCTURES (3)				management objectives? □ Yes □ No (Explain on reverse side) N/A	
OF CONSTRAST		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	 Additional mitigating measures recommended? □ Yes □ No (Explain on reverse side) TBD 	
		ß	Ŋ	X	Z	ş	Σ	Ň	Ž	ş	Σ	Ň	S	Evaluator's Names Date	
S	Form		Х				Х						Х	Laren Cyphers/ Chris Bockey 7/17/2020	
E	Line		Х				Х						Х		
EMENIS	Color			Х			Х						Х		
ш	Texture		Х				Х						Х		
	SECTION D. (Continued)														

SECTION D. CONTRAST RATING - SHORT TERM X LONG TERM

Additional Mitigating Measures (See item 3)

To be developed based on further design information.

U.S. GOVERNMENT PRINTING OFFICE: 1985-461-988/33094



KOP 19 – Existing Condition – Catherine's Pass

Note: Proposed Condition simulation not included for this KOP.

FORM

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

DateJune 17, 2020

District N/A

Resource Area N/A

Activity (program) N/A

SECTION	A. PROJECT INFORMATION	
1. Project Name: Little Cottonwood Canyon Wasatch Blvd to Alta Transportation	4. Location	5. Location Sketch
Improvements	SæfgureinElSsection	SæfgureinElSsætion
	-	
2. Key Observation Point: 19 - Catherine's Pass (Gondola Alternative)		
: 3. VRM Class N/A		

	020110111		
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
	Bold, trapezoidal, angular, prominent mountains; enclosed bowl setting	Vertical, conical evergreens; tall, skinny, light aspens; low, indistinct grasses and shrubs	Bold, geometric forms of base lodges and facilities; geometric residential structures; bold horizontal and vertical distinct lines; distinct curved, smooth asphalt road
1	Horizontal, undulating horizon; directional drainages along slope faces; sinuous, flowing roads	Directional lines along drainages; broken, undulating, amorphic lines between vegetation patterns and vegetation types	Horizontal and vertical bold lines that converge
ś	Light brown to tan soils; gray to pale	Yellowish-green to deeper green evergreens	Beige to dark brown matte structures; light

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

-	LINE	drainages along slope faces; sinuous, flowing roads Light brown to tan soils; gray to pale	undulating, amorphic lines between vegetation patterns and vegetation types Yellowish-green to deeper green evergreens	converge Beige to dark brown matte structures; light									
	COLOR	yellowish-white exposed rocks; exposed rust soil from mining activity	and aspens; lime green grasses; brown to dark dead or wood vegetation	gray-toned paved roadway									
	TEX- TURE	Variety of exposed rock outcrops intermixed with smooth to fine transitions	Feathered, bristly trees; transitional areas of smaller (smooth) vegetation to taller (coarse) vegetation	Angular, rigid, clustered, organized structures									

SECTION C. PROPOSED ACTIVITY DESCRIPTION

SECTION C. FROFOSED ACTIVITY DESCRIPTION										
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES							
FORM	No perceived change.	No perceived change.	No perceived change.							
LINE	No perceived change.	No perceived change.	No perceived change.							
COLOR	No perceived change.	No perceived change.	No perceived change.							
TEX-	No perceived change.	No perceived change.	No perceived change.							

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

1. FEATURES									2. Does project design meet visual resource						
DEGREE		L	BC	Wate DDy 1)	R	V		Tatio 2)	N	STRUCTURES (3)			S	management objectives? □ Yes □ No (Explain on reverse side) TBD	
OF CONSTRAST		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	 Additional mitigating measures recommended? □ Yes X No (Explain on reverse side) 	
		S	Ź ≥		ž	SI	Σ	3	Ž	Š	Σ	\$	Ž	Evaluator's Names Date	
(0	Form				Х				Х				Х	Laren Cyphers/ Chris Bockey 7/17/2020	
JEMENIS	Line				Х				Х				Х		
EE	Color				Х				Х				Х		
	Texture				Х				Х				Х		

Additional Mitigating Measures (See item 3) None recommended



KOP 20 – Existing Condition – La Caille Base Station



KOP 20 – Proposed Condition – La Caille Base Station (Gondola Alternative B)

Date October 12, 2020

District N/A

Resource Area N/A

Adivity (program) N/A

VISUAL CONTRAST RATING WORKSHEET

SECTION A. PROJECT INFORMATION 1. Project Name: Little Cottonwood Canyon Wasatch Blvd to Alta Transportation 5. Location Sketch 4. Location Improvements Seefigure in EIS section Seefgure in EIS section 2. Key Observation Point: 20 - La Caille Base Station (Gondola Alternative B) 3. VRM Class N/A SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION 1. LAND/WATER 2. VEGETATION **3. STRUCTURES** Rugged, broken canyon faces; Fairly consistent mix of evergreen, Flat, horizontal roadway; geometric, angular forms of rounded, irregular diffs; distinct domestic deciduous, oak brush, and residential structures that line roadway; mostly obscured

FORM	spines and angled linear drainages; sloped foothills transition to flat road which transitions to steeper slope down to flat residential area and road set below roadway	some indistinct shrubs and low grasses	by vegetation; indistinct energy transmission line
LINE	Irregular and inconsistent rock bands; undulating, broken ridgeline; undulating foothills descending to flat valley	Amorphic lines of groupings; vertical evergreens in the background; mostly rounded, dense brush, shrubs, and grasses in foreground	Curvilinear roadway; horizontal and vertical lines of energy infrastructure
COLOR	Light brown to gray exposed soils intermixed with gray aggregate	Dark deep to light yellow green to yellow of most vegetation; tan dry grasses; some oak brush transitioning to red	Gray asphalt; natural wood utility poles and guard rails; gray and brown homes
A⊒ Ba	Broken soft and rounded edged diff face in the background; smooth foothills transition to lower elevations	Consistent, carpeted, and dense forest and brush	Smooth, continuous roadway; fine cables; inconsistent residential structures

SECTION C. PROPOSED ACTIVITY DESCRIPTION

SECTION C. THOROSED ACTIVITY DESCRIPTION											
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES								
FORM	Cut and fill would cause some distinct abrupt changes in gradation between sloped foothills to flat parking lot to steep slope down to residential structures	No perceived change.	Defined, angular, organized infrastructure with descending ramps to flat/grade road, parking lot, and base station; prominent 3- to 4-story geometric structure; upright, vertical, geometric form of base station with angular and vertical components; linear, continuous cables; geometric, square gondola cabins								
IN	Distinct horizontal line between flat roadway and cut slopes	No perceived change.	Bold, vertical, rigid; intersecting perpendicular lines; continuous cables; ascending and descending lines associated with ramp contours								
COLOR	Dark brown to gray exposed soils	No perceived change.	Galvanized steel of gondola towers and infrastructure; dark gray to black asphalt; gray concrete faces of road components; light gray of concrete parking structure, brown to rust earth tones of lift house								
TEX- TURE	More abrupt changes in elevation and gradation	No perceived change.	Rigid, broken, inconsistent towers; continuous fine cables; repetitive gondola cars; smooth, continuous roadway; angular, organized base station infrastructure								

SECTION D. CONTRAST RATING SHORT TERM X LONG TERM

1.	1. FEATURES										2. Does project design meet visual resource			
	L	BC	WATE DY 1)	R	V	EGET (2	TATIO 2)	N	STRUCTURES (3)				management objectives? □ Yes □ No (Explain on reverse side) N/A	
OF CONSTRAST		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	 Additional mitigating measures recommended? □ Yes □ No (Explain on reverse side) TBD
	-	S	2	٨	2	S	2	^	2	S	2	٨	2	Evaluator's Names Date
(0	Form			Х					Х	Х				Laren Cyphers/ Chris Bockey 10/12/2020
	Line			Х					Х	Х				
BURNIS	Color			Х					Х	Х				
ш	Texture			Х					Х	Х				

N/A

Additional Mitigating Measures (See item 3)



KOP 21 – Existing Condition – La Caille Residential Area

Note: Proposed Condition simulation not included for this KOP.

VISUAL CONTRAST RATING WORKSHEET

Date October 12, 2020

District N/A

Resource Area N/A

Activity (program) N/A

SECTION A. PROJECT INFORMATION										
1. Project Name: Little Cottonwood Canyon Wasatch Blvd to Alta Transportation Improvements	4. Location Sæfigure in EIS section	5. Location Sketch Sæfigure in EIS section								
2. Key Observation Point: 21 – La Caille Residential Area (Gondola Alternative)										
3. VRMClass IVA										
SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION										

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Sloping, angular side slopes; lower rounded foothills of residential properties that taper to roadway	Inconsistent domestic and deciduous trees; low grasses	Clustered residential development; built forms for landscaping; 69-kV transmission line in middle foreground; flat roadway for access to residences
LINE	Undulating foothills descending to flat valley	Amorphic lines created by tree groupings; distinct line between tall and short vegetation	Tall, vertical transmission line poles; horizontal, continuous thin electric lines; smooth continuous roadway surface
COLOR	Brown to dark brown exposed soils intermixed with gray aggregate	Yellowish green to green trees; tan, gray, and brown dry grasses	Buckskin transmission line poles; light gray attached infrastructure; darker wood transmission line in distance; light gray asphalt
LEX LEX	Soft foothill slopes; smooth, undulating flat area	Consistent, carpeted grasses in spots; inconsistent tree groupings	Irregular residential area; linear, smooth roadway; continuous distribution line

	SECT		
	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Cut and fill would cause distinct, abrupt changes in gradation between sloped foothills to flat parking lot to steep slope down to residential structures; foothills in background would be mostly obstructed	Vegetation clearing will result in less consistent tree groupings	Defined, angular, organized infrastructure of parking garage and lot, and base station; prominent 3- to 4-story geometric structure; upright, vertical, geometric form of base station with angular and vertical components; flat, large parking lot somewhat obstructed by vegetation
LINE	Distinct horizontal line between flat overhead parking area cut and fill slopes, and flat residential area	Distinct line between new roads and infrastructure and vegetation that remains	Bold, vertical, rigid; intersecting, perpendicular lines
COLOR	Dark brown to gray exposed soils	No perceived change.	Dark gray to black asphalt of roadway changes; light gray of concrete parking structure, brown to rust earth tones of lift house
ka Lag	Abrupt changes in elevation and gradation	Inconsistent, distinct tree groupings giving way to flat cleared areas	Angular, organized base station infrastructure; smooth, flat parking lot

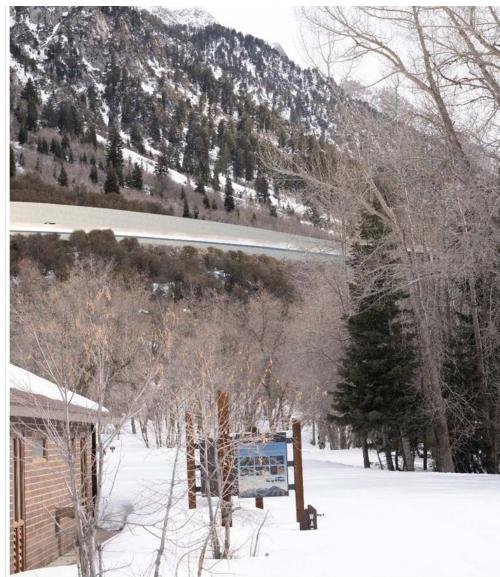
SECTION D. CONTRAST RATING SHORT TERM X LONG TERM

1. FEATURES							2. Does project design meet visual resource							
DEGREE		LAND/WATER BODY (1)			VEGETATION (2)			STRUCTURES (3)			S	management objectives? □ Yes □ No (Explain on reverse side) N/A		
OF CONSTRAST		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	 Additional mitigating measures recommended? Yes I No (Explain on reverse side) TBD Evaluator's Names Date
	I	0)		>	2	0)	2	-	2		2	>	2	Laren Cyphers/ Chris Bockey 10/12/2020
ELEMENTS	Form		Х					Х		Х				
	Line		Х					Х		Х				
	Color		Х					Х		Х				
	Texture		Х					Х		Х				

Additional Mitigating Measures (See item 3)



KOP 25 – Existing Condition – Tanner's Flat Campground



KOP 25 – Proposed Condition – Tanner's Flat Campground (Enhanced Bus Service Alternative and Enhanced Bus Service in Peak-period Shoulder Lane)

VISUAL CONTRAST RATING WORKSHEET

Date March 30, 2021

District N/A

Resource Area N/A

Activity (program) N/A

SECTION A. PROJECT INFORMATION												
1. Project Name: Little Cottonwood Canyon Wasatch Blvd to Alta Transportation Improvements	4. Location Sæfigure in EIS sædion	5. Location Sketch Sæfgure in EIS section										
2. Key Observation Point: 25 – Tanner's Flat Campground (Enhanced Bus Service Alternative and Enhanced Bus Service in Peak-period Shoulder Lane)												
3. VRM Class N/A												

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES		
FORM	Flat canyon bottom; canyon walls mostly obstructed by vegetation and inferior viewpoint; rugged mountain ridgeline in distance	Vertical, dense, scraggly deciduous trees and shrubs in foreground; conical evergreens at higher elevations	Organized, angular , rigid campground infrastructure; flat, horizontal roadway and guardrail above		
LINE	Sloping ridgeline tapering to canyon bottom	Distinct lines between deciduous trees and shrubs and developed campgrounds; vertical trees	Horizontal and vertical lines of existing infrastructure		
QLOR	Dark brown exposed soils; gray to light gray exposed granite rocks in campground; covered in snow	Dormant deciduous trees; dark green evergreens in background; seasonal variation	Grays, blacks, and wood browns of infrastructure		
TEX- TURE	Rugged, tapered canyon walls transition to a generally flat, uniform canyon bottom	Dense, inconsistent, grouped vegetation with varied heights	Organized, unnatural, rigid infrastructure		

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	SECTION C. PROPOSED ACTIVITY DESCRIPTION										
_	1. LAND/WATER	2. VEGETATION	3. STRUCTURES								
FORM	Any change obstructed by inferior viewpoint and proposed retaining wall. No perceived change.	Any change obstructed by inferior viewpoint and proposed retaining wall. No perceived change.	Geometric, distinct retaining wall, partially obstructed by vegetation								
ΓNE	No perceived change.	No perceived change.	Geometric, horizontal lines of structure								
00LOR	No perceived change.	No perceived change.	Light colored concrete structure								
TEX- TURE	No perceived change.	No perceived change.	Smooth, continuous, angled structure								

SECTION D. CONTRAST RATING

1.		FEATURES												2. Does project design meet visual resource		
DEGREE		LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)			S	management objectives? □ Yes □ No (Explain on reverse side) N/A		
OF CONSTRAST		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	 Additional mitigating measures recommended? □ Yes □ No (Explain on reverse side) TBD 		
		Ś	S ≥		Ž	S	2	5	z	Ś	Σ	\leq	Ž	Evaluator's Names Date		
S	Form				Х				Х		Х			Laren Cyphers/ Kevin Rauhe 4/14/2021		
ELEMENTS	Line				Х				Х		Х					
	Color				Х				Х		Х					
	Texture				Х				Х		Х					

Additional Mitigating Measures (See item 3)