

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)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Date: June 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 See figure in EIS section	5. Location Sketch See figure in EIS section
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
COLOR	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
TEXTURE	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

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Abrupt change in gradation between flat clearing and foothills	No perceived change.	Defined, angular organized infrastructure with descending ramps to flat/grade lot; prominent 3- to-4-story geometric structure
LINE	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
TEXTURE	Irregular to flat; inconsistent transitions to abrupt distinctive parking structure	No perceived change.	Smooth continuous roadway; angular, organized infrastructure

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

1.	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) N/A
		LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)				
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	
			X						X	X	X			
			X						X	X	X			
ELEMENTS	Form		X						X	X			3. Additional mitigating measures recommended? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side) TBD	
	Line		X						X	X				
	Color		X						X	X				
	Texture		X						X	X				
Evaluator's Names											Date			
Laren Cyphers/ Chris Bockey											7/24/2020			

Comments from item 2.

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.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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 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. 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; 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
TEXTURE	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 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
LINE	Distinct horizontal line between flat roadway and cut slopes	No perceived change.	Horizontal and vertical distinct lines
COLOR	Dark brown exposed soils and gray aggregate and rocks	No perceived change.	Light gray to dark tones of infrastructure and surface treatments
TEXTURE	More abrupt changes in elevation and gradation	No perceived change.	Angular, organized infrastructure; smooth, flat, continuous roadway

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

1.	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) N/A
		LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)				
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating measures recommended? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side) TBD
ELEMENTS	Form			X					X	X				
	Line			X					X	X				Date

	Color			X					X		X		
	Texture			X					X		X		

SECTION D. (Continued)

Comments from item 2.
N/A

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)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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 Improvements	4. Location See figure in EIS section	5. Location Sketch See figure in EIS section
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
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	Dark deep to light yellow green of most vegetation; soft gray green of Russian olives	Light beige to dark brown structures
TEXTURE	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

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 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
TEXTURE	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.	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) N/A
		LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)				
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	
				X				X		X				
				X				X			X			
ELEMENTS	Form			X				X		X				3. Additional mitigating measures recommended? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side) TBD
	Line			X				X			X			
	Color			X				X			X			
	Texture			X				X			X			
Evaluator's Names												Date		
Laren Cyphers/ Chris Bockey												7/17/2020		

Comments from item 2.
N/A

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



KOP 4 – Existing Condition – Quarry Trailhead

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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 Improvements	4. Location See figure in EIS section	5. Location Sketch See figure in EIS section
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 cliffs; 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 cliff 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 cliffs 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
TEXTURE	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.
LINE	Subtle transitions between paved and natural surfaces	No perceived change.	No perceived change.
COLOR	Dark brown to gray exposed soil; light gray exposed boulders and gravel	No perceived change.	No perceived change.
TEXTURE	Gradational transition to slope	No perceived change.	No perceived change.

SECTION D. CONTRAST RATING SHORT TERM X LONG TERM

1. 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) N/A	
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating measures recommended? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side) TBD	
			X					X				X		
			X					X				X		
		X					X				X			
		X					X				X			
ELEMENTS	Form			X				X				X	Evaluator's Names Laren Cyphers/ Chris Bockey 7/17/2020	
	Line			X				X				X		Date
	Color			X				X				X		
	Texture			X				X				X		

Comments from item 2.

N/A

Additional Mitigating Measures (See item 3)

To be developed based on further design information



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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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 Improvements	4. Location See figure in EIS section	5. Location Sketch See figure in EIS section
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 cliffs; 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 cliff 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 cliffs 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
TEXTURE	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
TEXTURE	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.	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) N/A	
		LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
					X				X	X					
					X				X	X					
ELEMENTS	Form				X				X	X					
	Line				X				X	X					
	Color				X				X	X					
	Texture				X				X	X					
												3. Additional mitigating measures recommended? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side) TBD			
												Evaluator's Names Laren Cyphers/ Chris Bockey 7/17/2020			
												Date			

Comments from item 2.

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.

Texture				X				X			X	
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SECTION D. (Continued)

Comments from item 2.
N/A

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 Butress Trailhead (Gondola Alternatives)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Date June 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 See figure in EIS section	5. Location Sketch See figure in EIS section
2. Key Observation Point: 6 - Gate Butress 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	Consistent, dense shrub and deciduous forest; some indistinct shrubs and low grasses	Only significant structure is the roadway
LINE	Irregular and inconsistent rock bands; undulating, broken ridgeline; directional breakage along cliff face	Amorphic lines created by tree groupings	
COLOR	Whitish-gray diffs with dark gray to black vertical striations	Yellowish-green to dark green shrubs	
TEXTURE	Broken soft and rounded edged cliff 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
TEXTURE	Gradational transition to slope	No perceived change.	Smooth, soft parking lot; organized restroom

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

1. 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) N/A		
		LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)						
ELEMENTS	Form	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating measures recommended? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side) TBD	Evaluator's Names Laren Cyphers/ Chris Bockey 7/17/2020	Date
	Line			X					X				X			
	Color			X					X				X			
	Texture			X					X				X			

Comments from item 2.
N/A

Additional Mitigating Measures (See item 3)

To be developed based on further design information

DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT VISUAL CONTRAST RATING WORKSHEET	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: 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 cliffs	Consistent, dense shrub and deciduous forest; some indistinct shrubs and low grasses		Only significant structure is the roadway	
LINE	Irregular and inconsistent rock bands; undulating broken ridgeline; directional breakage along cliff face	Amorphous lines created by tree groupings			
COLOR	Whitish gray cliffs with dark gray to black vertical striations	Yellowish greens to dark green shrubs			
TEXTURE	Broken soft and rounded edged cliff 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	
TEXTURE	No perceived change.	No perceived change.		Rigid broken inconsistent tower; continuous fine cables; repetitive gondola cabins	

SECTION D. CONTRAST RATING SHORT TERM X LONG TERM

1. 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) N/A		
		LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)						
ELEMENTS	Form				X					X	X					3. Additional mitigating measures recommended? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side) TBD Evaluator's Names: Laren Cyphers/ Chris Bockey 7/17/2020
	Line				X					X	X					
	Color				X					X	X					
	Texture				X					X	X					

Comments from item 2.
N/A

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)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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 Improvements	4. Location See figure in EIS section	5. Location Sketch See figure in EIS section
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	Sinuuous, 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
TEXTURE	Jagged, rigged, inconsistent, coarse cliffs; 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
TEXTURE	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.	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) N/A
		LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)				
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	
			X				X					X		
			X				X					X		
ELEMENTS	Form		X				X					X		3. Additional mitigating measures recommended? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side) TBD
	Line		X				X					X		
	Color			X			X					X		
	Texture		X				X					X		
Evaluator's Names												Date		
Laren Cyphers/ Chris Bockey 7/17/2020														

Comments from item 2.

N/A

Additional Mitigating Measures (See item 3)

To be developed based on further design information.

DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT VISUAL CONTRAST RATING WORKSHEET	District N/A <hr/> Resource Area N/A <hr/> Activity (program) N/A
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SECTION A. PROJECT INFORMATION

1. Project Name: Little Cottonwood Canyon Wasatch Blvd to Alta Transportation Improvements <hr/> 2. Key Observation Point: 7 - Bridge Trailhead (Gondola Alternative) <hr/> 3. VRM Class	4. Location See figure in EIS section	5. Location Sketch See figure in EIS section
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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	
TEXTURE	Jagged, rigged, inconsistent, coarse cliffs; 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	
TEXTURE	No perceived change.	No perceived change.		Rigid broken inconsistent tower; continuous fine cables; repetitive gondola cabins	

SECTION D. CONTRAST RATING SHORT TERM X LONG TERM

1. 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) N/A	
		LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					
ELEMENTS		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating measures recommended? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side) TBD Evaluator's Names _____ Date _____ Laren Cyphers/ Chris Bockey 7/17/2020	
		Form			X					X	X				
		Line			X					X	X				
		Color			X					X	X				
		Texture			X					X	X				

Comments from item 2.
N/A

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.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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 Improvements	4. Location See figure in EIS section	5. Location Sketch See figure in EIS section
2. Key Observation Point: 8-Lisa Falls Trailhead (Enhanced Bus Service 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
TEXTURE	Jagged, rigged, inconsistent, coarse cliffs; 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
COLOR	Light tan to darker brown exposed soils; gray exposed cobble and boulders	No perceived change.	Tan restrooms with dark roof consistent with USFS design
TEXTURE	Tapered smooth transition to parking lot	No perceived change.	Smooth, ordered, subtle

SECTION D. CONTRAST RATING SHORT TERM X LONG TERM

1. 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) N/A
		LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)				
ELEMENTS	Form			X					X				X	3. Additional mitigating measures recommended? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side) TBD
	Line			X					X				X	
	Color			X					X				X	
	Texture			X					X				X	
Evaluator's Names														Date
Laren Cyphers/ Chris Bockey 7/17/2020														

Comments from item 2.
N/A

Additional Mitigating Measures (See item 3)

To be developed based on further design information.



KOP 9 – Existing Condition – Tanners Flat Group Site C



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

Comments from item 2.
N/A

Additional Mitigating Measures (See item 3)

To be developed based on further design information.



KOP 10 – Existing Condition – First Snow Shed

Note: Proposed Condition simulation not included for this KOP.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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 Improvements	4. Location See figure in EIS section	5. Location Sketch See figure in EIS section
2. Key Observation Point: 10 - First Snow Shed (All Alternatives)		
3. VRM Class 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
COLOR	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
TEXTURE	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.
LINE	No perceived change.	No perceived change.	No perceived change.
COLOR	No perceived change.	No perceived change.	No perceived change.
TEXTURE	No perceived change.	No perceived change.	No perceived change.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

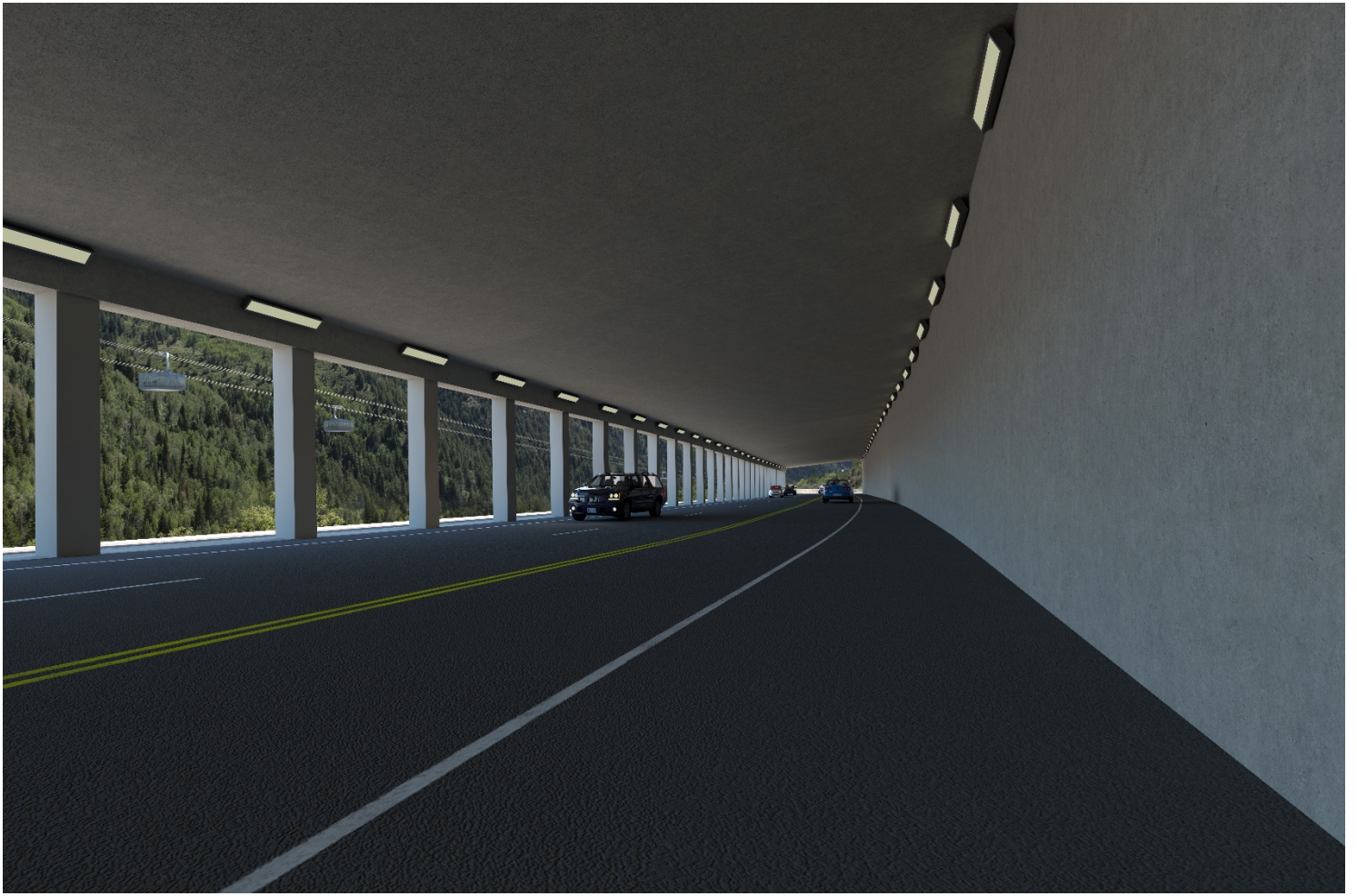
1. DEGREE OF CONTRAST		FEATURES												2. Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side) TBD	
		LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					
ELEMENTS	Form				X				X				X	3. Additional mitigating measures recommended? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Explain on reverse side) Evaluator's Names: Laren Cyphers/ Chris Bockey 7/17/2020 Date:	
	Line				X				X				X		
	Color				X				X				X		
	Texture				X				X				X		

Comments from item 2.
N/A

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)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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 Improvements	4. Location See figure in EIS section	5. Location Sketch See figure in EIS section
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 northeastern slope from flat roadway	Distinct, conical evergreens; shrubby, dense deciduous trees; moderate height shrubs and low grasses	Flat, smooth road
LINE	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
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
TEXTURE	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	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
COLOR	No perceived change.	No perceived change.	Galvanized steel; dark tones of gondola cabins; light muted gray of concrete snowshed
TEXTURE	No perceived change.	No perceived change.	Continuous fine cables; repetitive gondola cabins; rigid, hard, and repetitive elements of snowshed

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

1. 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) N/A
	LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)				
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating measures recommended? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side) TBD
				X				X	X				
				X				X	X				
			X				X	X					
ELEMENTS	Form			X			X	X				Evaluator's Names Laren Cyphers/ Chris Bockey 7/17/2020	
	Line			X			X	X					
	Color			X			X	X					
	Texture			X			X	X					
												Date	

Comments from item 2.
N/A

Additional Mitigating Measures (See item 3)

To be developed based on further design information.



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



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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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 Improvements	4. Location See figure in EIS section	5. Location Sketch See figure in EIS section
2. Key Observation Point: 12 - Second Snow Shed (S.R. 210) (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 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	Sinuuous, 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
TEXTURE	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 of length of snow shed wall, perpendicular intersection lines of snow shed opening
COLOR	Dark brown to light gray exposed soil	Seasonal variety assumed based on revegetation; Removal of dark evergreen trees	Light gray muted concrete
TEXTURE	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 LONG TERM

1. 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) N/A		
		LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)						
ELEMENTS		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating measures recommended? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side) TBD		
		Form	X				X				X					
		Line	X				X				X					
		Color	X				X				X					
		Texture	X				X			X				Evaluator's Names Laren Cyphers/ Chris Bockey 7/17/2020		
																Date

Comments from item 2.
N/A

Additional Mitigating Measures (See item 3)

To be developed based on further design information.



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



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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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 Improvements	4. Location See figure in EIS section	5. Location Sketch See figure in EIS section
2. Key Observation Point: 13 - Third Snow Shed (S.R. 210) (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 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	Sinuuous, 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
TEXTURE	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
COLOR	Dark brown to light gray exposed soil	Yellow green vegetation; seasonal variety assumed based on revegetation	Light gray muted concrete
TEXTURE	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. 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) N/A	
		LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					
ELEMENTS		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating measures recommended? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side) TBD	
			X				X			X					
			X				X			X					
			X				X			X					
												Evaluator's Names Laren Cyphers/ Chris Bockey 7/17/2020			
												Date			

Comments from item 2.
N/A

Additional Mitigating Measures (See item 3)

To be developed based on further design information.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Date June 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 See figure in EIS section	5. Location Sketch See figure in EIS section
2. Key Observation Point: 13 - Third Snowshed (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	Sinuuous; 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
TEXTURE	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	No perceived change.	No perceived change.	Towers entirely obstructed by vegetation; curvilinear continuous cables run overhead visible from canopy to canopy; geometric gondola cabins
LINE	No perceived change.	No perceived change.	Curved continuous cables
COLOR	No perceived change.	No perceived change.	Galvanized Steel; dark tones of gondola cabins
TEXTURE	No perceived change.	No perceived change.	Continuous fine cables; repetitive gondola cabins

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

1.	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) N/A	
		LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating measures recommended? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side) TBD	
ELEMENTS	Form				X				X				X		Evaluator's Names Laren Cyphers/ Chris Bockey 7/17/2020
	Line				X				X				X		
	Color				X				X				X		
	Texture				X				X				X		

SECTION D. (Continued)

Comments from item 2.

N/A

Additional Mitigating Measures (See item 3)

To be developed based on further design information.



KOP 15 – Existing Condition – Red Pine Trail Mid



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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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 Improvements	4. Location See figure in EIS section	5. Location Sketch See figure in EIS section
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
COLOR	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
TEXTURE	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.
LINE	Cut slopes would be similar to existing condition.	No perceived change.	No perceived change.
COLOR	Cut slopes would be similar to existing condition.	No perceived change.	No perceived change.
TEXTURE	Cut slopes would be similar to existing condition.	No perceived change.	No perceived change.

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

1.	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) N/A
		LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)				
ELEMENTS	Form	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating measures recommended? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side) TBD
				X					X				X	
	Line			X					X				X	Evaluator's Names Laren Cyphers/ Chris Bockey 7/17/2020

	Color			X					X				X
	Texture			x					X				x

SECTION D. (Continued)

Comments from item 2.

N/A

Additional Mitigating Measures (See item 3)

To be developed based on further design information.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Date June 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 See figure in EIS section	5. Location Sketch See figure in EIS section
2. Key Observation Point: 15 - Red Pine Mid-Trail (Gondola 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	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
COLOR	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
TEXTURE	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	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
LINE	No perceived change.	Distinctive lines from vegetation clearings	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
TEXTURE	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. 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) N/A
		LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)				
ELEMENTS		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating measures recommended? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side) TBD
					X		X			X				
					X			X		X	X			
					X			X		X				
		Evaluator's Names												Date
		Laren Cyphers/ Chris Bockey 7/17/2020												

Comments from item 2.

N/A

Additional Mitigating Measures (See item 3)

To be developed based on further design information.



KOP 16 – Existing Condition – White Pine Trailhead



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

Comments from item 2.

N/A

Additional Mitigating Measures (See item 3)

To be developed based on further design information.

DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT VISUAL CONTRAST RATING WORKSHEET	District N/A <hr/> Resource Area N/A <hr/> Activity (program) N/A
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SECTION A. PROJECT INFORMATION

1. Project Name: Little Cottonwood Canyon 2. Key Observation Point: 16 -White Pine Trailhead (Gondola Alternative) 3. VRM Class N/A	4. Location See figure in EIS section	5. Location Sketch See figure in EIS section
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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	
COLOR	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	
TEXTURE	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	
TEXTURE	No perceived change.	No perceived change.		Rigid, broken, inconsistent towers; continuous fine cables; repetitive gondola cabins	

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

1. 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) N/A	
		LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					
ELEMENTS		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	3. Additional mitigating measures recommended? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side) TBD Evaluator's Names _____ Date _____ Laren Cyphers/ Chris Bockey 7/17/2020	
					X					X	X				
					X					X	X				
					X					X	X				
					X					X	X				

Comments from item 2.

N/A

Additional Mitigating Measures (See item 3)

To be developed based on further design information.



KOP 17 – Existing Condition – White Pine Lake Trail

Note: Proposed Condition simulation not included for this KOP.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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 Improvements	4. Location See figure in EIS section	5. Location Sketch See figure in EIS section
2. Key Observation Point 17 - White Pine Lake Trail (Gondola Alternative)		
3. VRM Class N/A		

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Bold, trapezoidal, prominent cliff 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	
COLOR	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	
TEXTURE	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
COLOR	No perceived change.	No perceived change.	Galvanized steel
TEXTURE	No perceived change.	No perceived change.	Softened, rigid gondola elements

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

1.	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) N/A
		LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)				
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	
					X				X	X				
					X				X			X		
ELEMENTS	Form				X				X		X			3. Additional mitigating measures recommended? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side) TBD
	Line				X				X			X		
	Color				X				X					
	Texture				X				X			X		
Evaluator's Names												Date		
Laren Cyphers/ Chris Bockey 7/17/2020														

Comments from item 2.

N/A

Additional Mitigating Measures (See item 3)

To be developed based on further design information.

DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT VISUAL CONTRAST RATING WORKSHEET	District N/A <hr/> Resource Area N/A <hr/> Activity (program) N/A
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SECTION A. PROJECT INFORMATION

1. Project Name: Little Cottonwood Canyon Wasatch Blvd to Alta Transportation Improvements <hr/> 2. Key Observation Point 17 - White Pine Lake Trail (Enhanced Bus Service in Peak-period Shoulder Lane Alternative; Snowsheds without barns) <hr/> 3. VRM Class N/A	4. Location See figure in EIS section	5. Location Sketch See figure in EIS section
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SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

1. LAND/WATER		2. VEGETATION		3. STRUCTURES	
FORM	Bold, trapezoidal, prominent cliff 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			
COLOR	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			
TEXTURE	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	
LINE	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	
TEXTURE	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. 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) N/A		
		LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)						
ELEMENTS	Form			X				X							X	3. Additional mitigating measures recommended? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side) TBD Evaluator's Names: Laren Cyphers/ Chris Bockey 7/17/2020 Date:
	Line			X				X							X	
	Color			X				X							X	
	Texture			X				X							X	

Comments from item 2.
N/A

Additional Mitigating Measures (See item 3)

To be developed based on further design information.



KOP 18 – Existing Condition – Snowbird Entry 1



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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Date June 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 See figure in EIS section	5. Location Sketch See figure in EIS section
2. Key Observation Point: 18 - Snowbird Entry 1 (Gondola Alternative)		
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
COLOR	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
TEXTURE	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
TEXTURE	No perceived change.	No perceived change.	Rigid, broken, inconsistent towers; continuous fine cables; repetitive gondola cabins

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

ELEMENTS	1.	DEGREE OF CONTRAST												2.	Does project design meet visual resource management objectives? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side) N/A
		FEATURES												3.	Additional mitigating measures recommended? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side) TBD
		LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None		
	Form				X				X	X					
Line				X				X	X						
Color				X				X	X						
Texture				X				X		X					
														Evaluator's Names: Laren Cyphers/ Chris Bockey 7/17/2020 Date:	

Comments from item 2.

N/A

Additional Mitigating Measures (See item 3)

To be developed based on further design information.

DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT VISUAL CONTRAST RATING WORKSHEET	District N/A Resource Area N/A Activity (program) N/A
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SECTION A. PROJECT INFORMATION

1. Project Name: Little Cottonwood Canyon Wasatch Blvd to Alta Transportation Improvements 2. Key Observation Point: 18 - Snowbird Entrance 1 (Enhanced Bus Service in Peak-period Shoulder Lane) 3. VRM Class N/A	4. Location See figure in EIS section	5. Location Sketch See figure in EIS section
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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
COLOR	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
TEXTURE	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
LINE	Pronounced lines between roadside area and cut slope	Line between vegetation type and height; soft, undulating lines	N/A
COLOR	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
TEXTURE	Abrupt transition from flat to cut slope	Shorter stature oak brush; gradual tapering; loss of vertical elements	N/A

SECTION D. CONTRAST RATING SHORT TERM X LONG TERM

1. 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) N/A 3. Additional mitigating measures recommended? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side) TBD				
		LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)								
ELEMENTS	Form		X			Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	X
	Line		X			Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	X
	Color			X		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	X
	Texture		X			Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	X
Evaluator's Names: Laren Cyphers/ Chris Bockey 7/17/2020 Date:																		

Comments from item 2.
N/A

Additional Mitigating Measures (See item 3)

To be developed based on further design information.



KOP 19 – Existing Condition – Catherine’s Pass

Note: Proposed Condition simulation not included for this KOP.

Comments from item 2.
N/A

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)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Date October 12, 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 See figure in EIS section	5. Location Sketch See figure 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
FORM	Rugged, broken canyon faces; rounded, irregular cliffs; distinct 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	Fairly consistent mix of evergreen, domestic deciduous, oak brush, and some indistinct shrubs and low grasses	Flat, horizontal roadway; geometric, angular forms of residential structures that line roadway; mostly obscured 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
TEXTURE	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

	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
LINE	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
TEXTURE	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 LONG TERM

ELEMENTS	1. 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) N/A
		LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)				
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	
				X					X	X				
				X					X	X				
		X					X	X						
		X					X	X						
3. Additional mitigating measures recommended? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side) TBD													Evaluator's Names Laren Cyphers/ Chris Bockey 10/12/2020	
Date														

Comments from item 2.

N/A

Additional Mitigating Measures (See item 3)

To be developed based on further design information.



KOP 21 – Existing Condition – La Caille Residential Area

Note: Proposed Condition simulation not included for this KOP.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Date October 12, 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 See figure in EIS section	5. Location Sketch See figure in EIS section
2. Key Observation Point: 21 - La Caille Residential Area (Gondola 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	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
TEXTURE	Soft foothill slopes; smooth, undulating flat area	Consistent, carpeted grasses in spots; inconsistent tree groupings	Irregular residential area; linear, smooth roadway; continuous distribution line

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	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
TEXTURE	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.	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) N/A
		LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)				
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	
			X					X		X				
			X					X		X				
ELEMENTS	Form		X					X	X					
	Line		X					X	X					
	Color		X					X	X					
	Texture		X					X	X					
												3. Additional mitigating measures recommended? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side) TBD		
Evaluator's Names												Date		
Laren Cyphers/ Chris Bockey												10/12/2020		

Comments from item 2.

N/A

Additional Mitigating Measures (See item 3)

To be developed based on further design information.



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)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Date March 30, 2021

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 See figure in EIS section	5. Location Sketch See figure 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
COLOR	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
TEXTURE	Rugged, tapered canyon walls transition to a generally flat, uniform canyon bottom	Dense, inconsistent, grouped vegetation with varied heights	Organized, unnatural, rigid infrastructure

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
LINE	No perceived change.	No perceived change.	Geometric, horizontal lines of structure
COLOR	No perceived change.	No perceived change.	Light colored concrete structure
TEXTURE	No perceived change.	No perceived change.	Smooth, continuous, angled structure

SECTION D. CONTRAST RATING SHORT TERM LONG TERM

1. 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) N/A	
		LAND/WATER BODY (1)				VEGETATION (2)				STRUCTURES (3)					
ELEMENTS	Form				X				X		X			3. Additional mitigating measures recommended? <input type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side) TBD Evaluator's Names: Laren Cyphers/ Kevin Rauhe 4/14/2021 Date: _____	
	Line				X				X		X				
	Color				X				X		X				
	Texture				X				X		X				

Comments from item 2.
N/A

Additional Mitigating Measures (See item 3)

To be developed based on further design information.

