

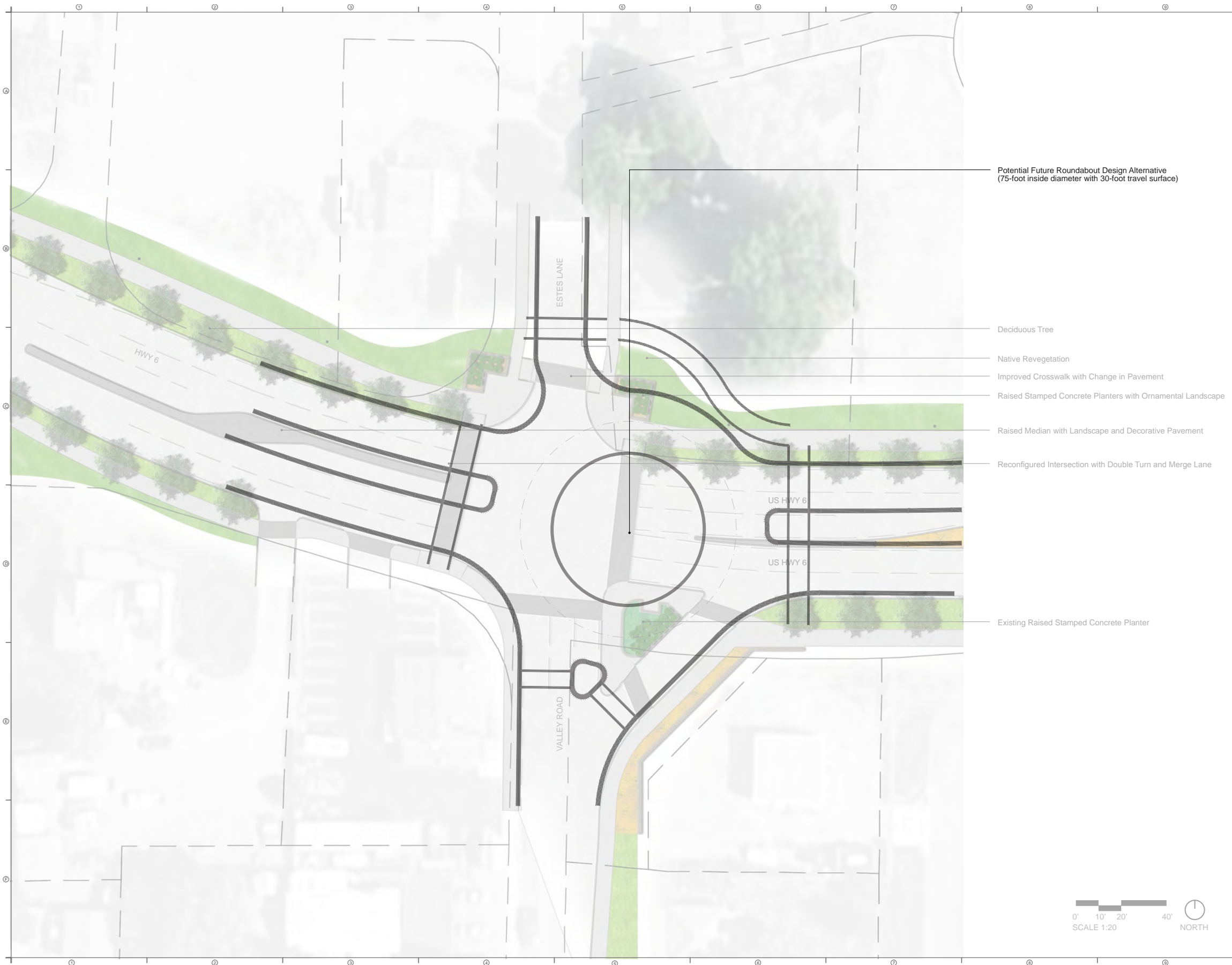
DESIGNWORKSHOP

GYPSUM PARKWAY CORRIDOR ENHANCEMENT

Gypsum, Colorado

Schematic Design
January 2015





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**GYPSUM PARKWAY
 CORRIDOR IMPROVEMENTS
 GYPSUM, COLORADO**

ISSUE DATE: October 25, 2014

REVISIONS		
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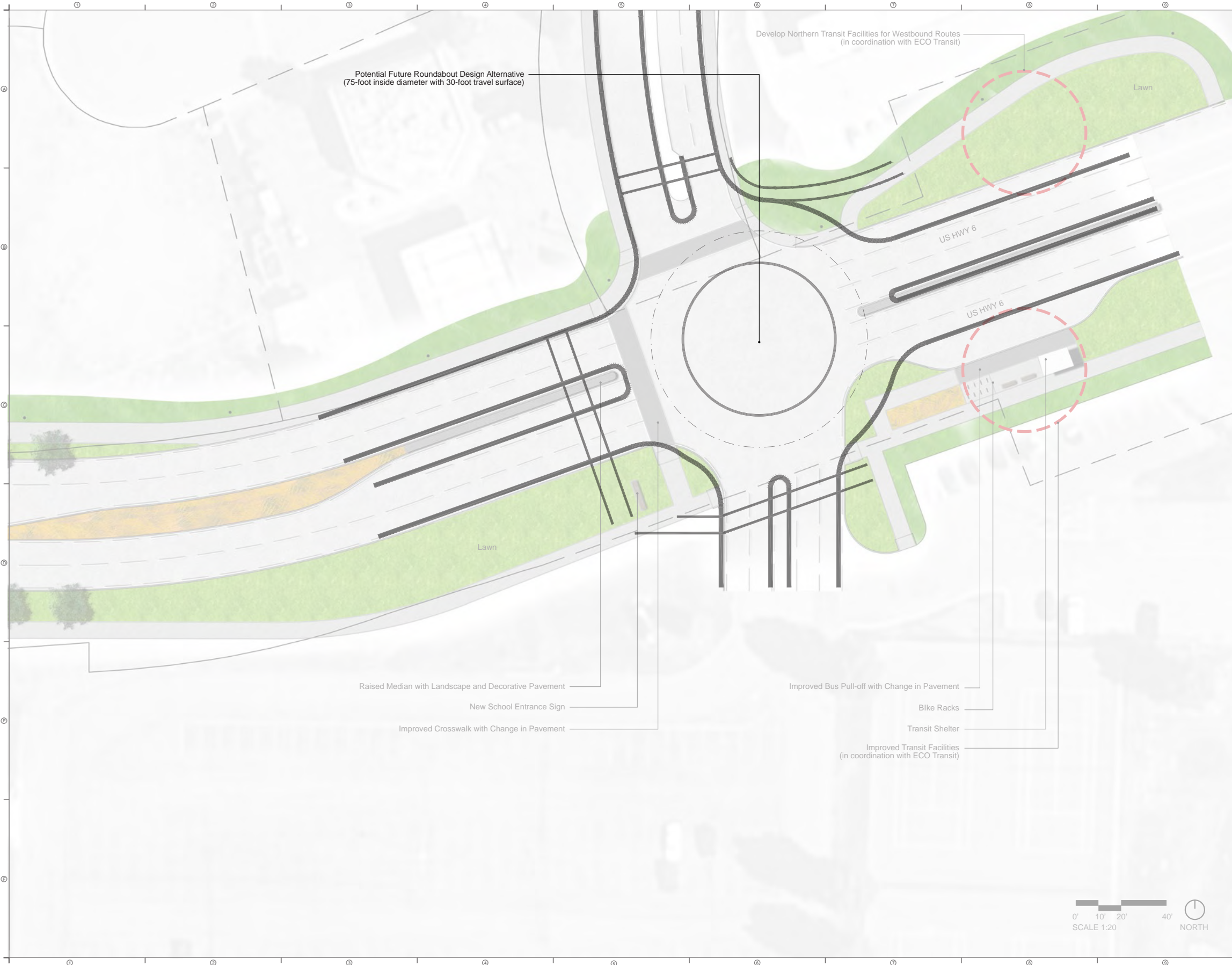
DRAWN: MS/DC REVIEWED: KJ

**SCHEMATIC
 DESIGN**

PROJECT NUMBER: 5057

SHEET NUMBER
 L-08

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**SCHEMATIC
 DESIGN**

PROJECT NUMBER: 5057

SHEET NUMBER
 L-09

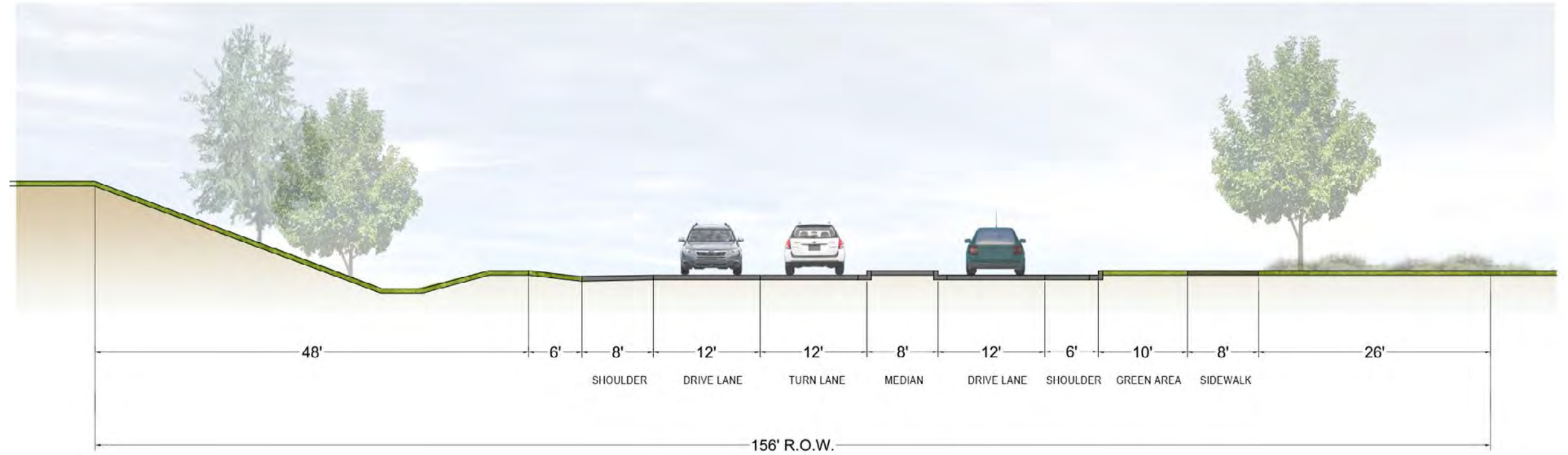
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Lighting Diagram

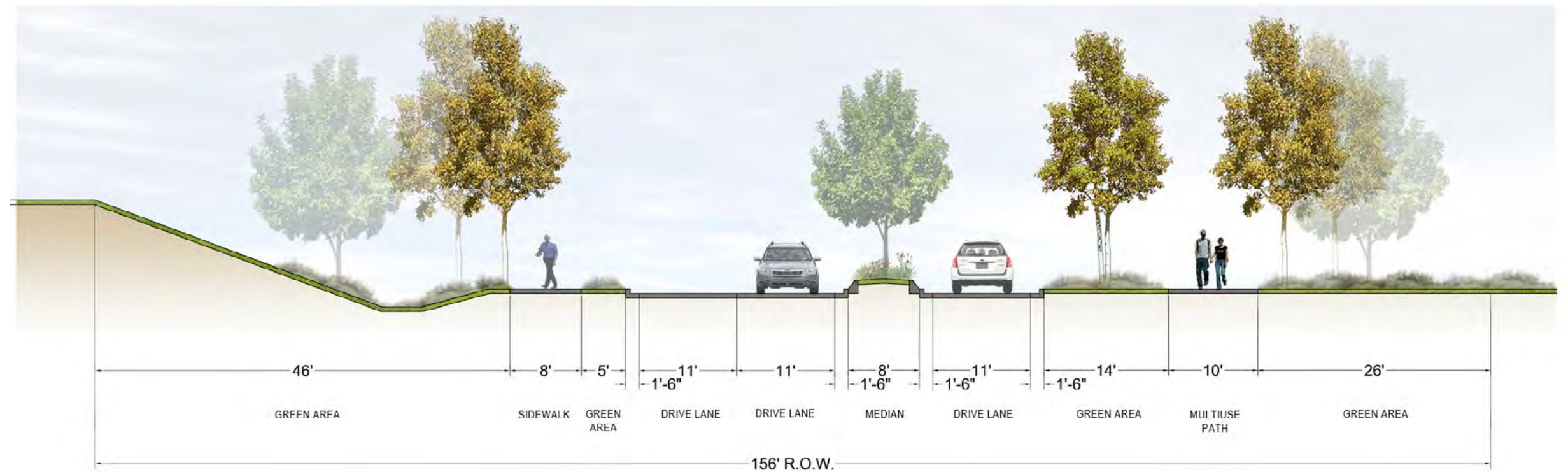
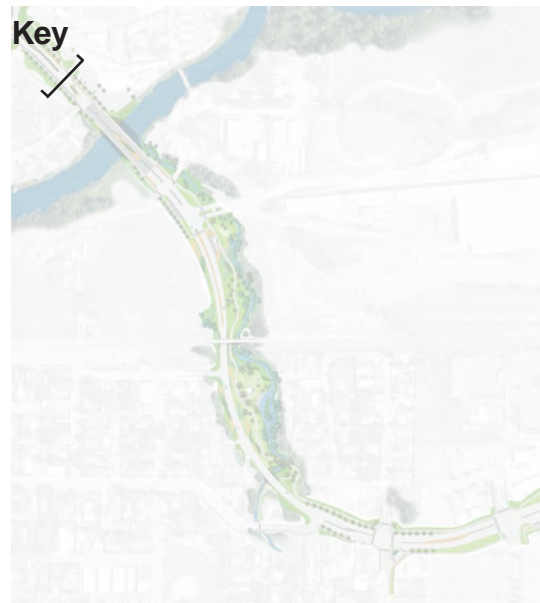


Pedestrian Lights Along Multi-use Path to Match Existing Fixtures at 100' Spacing

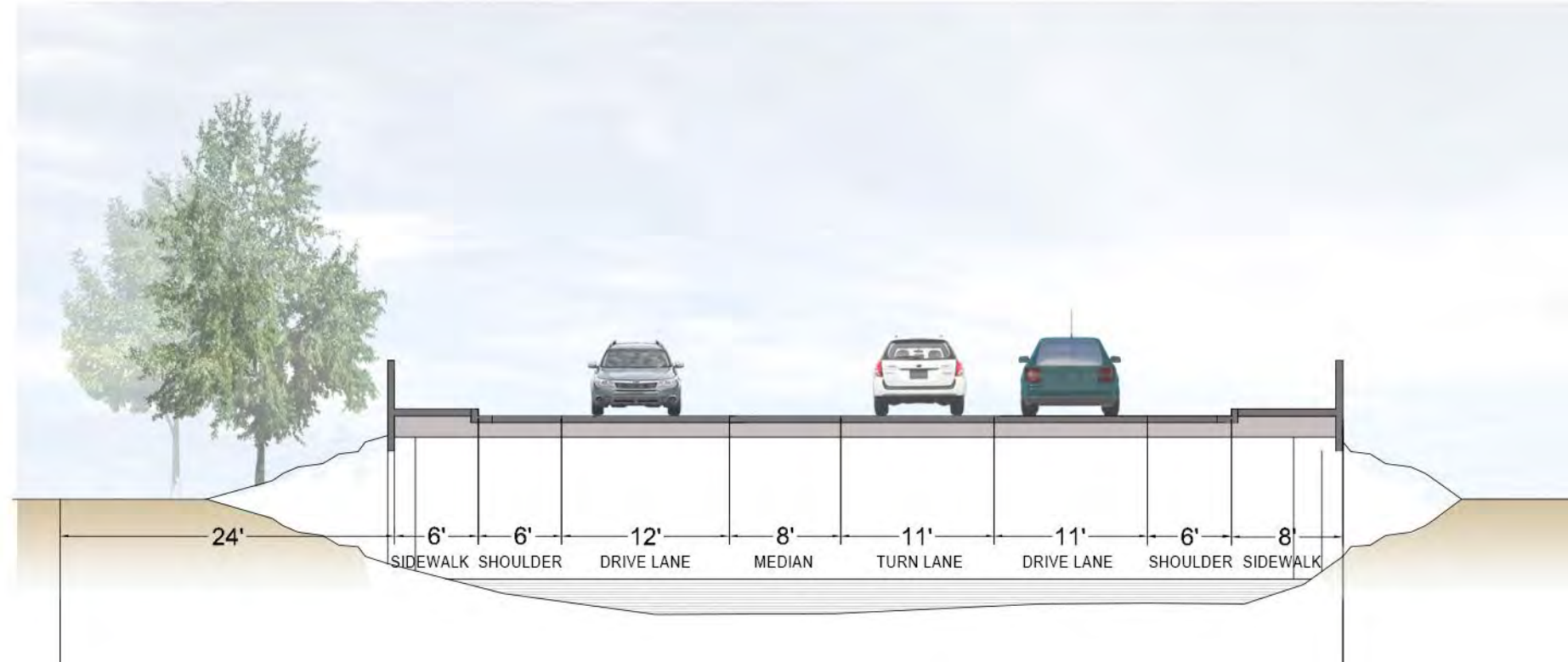
Roadway Typologies - Section 1 Existing



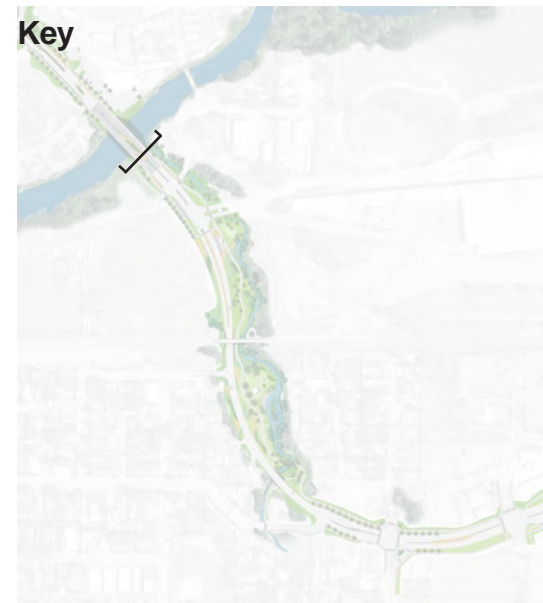
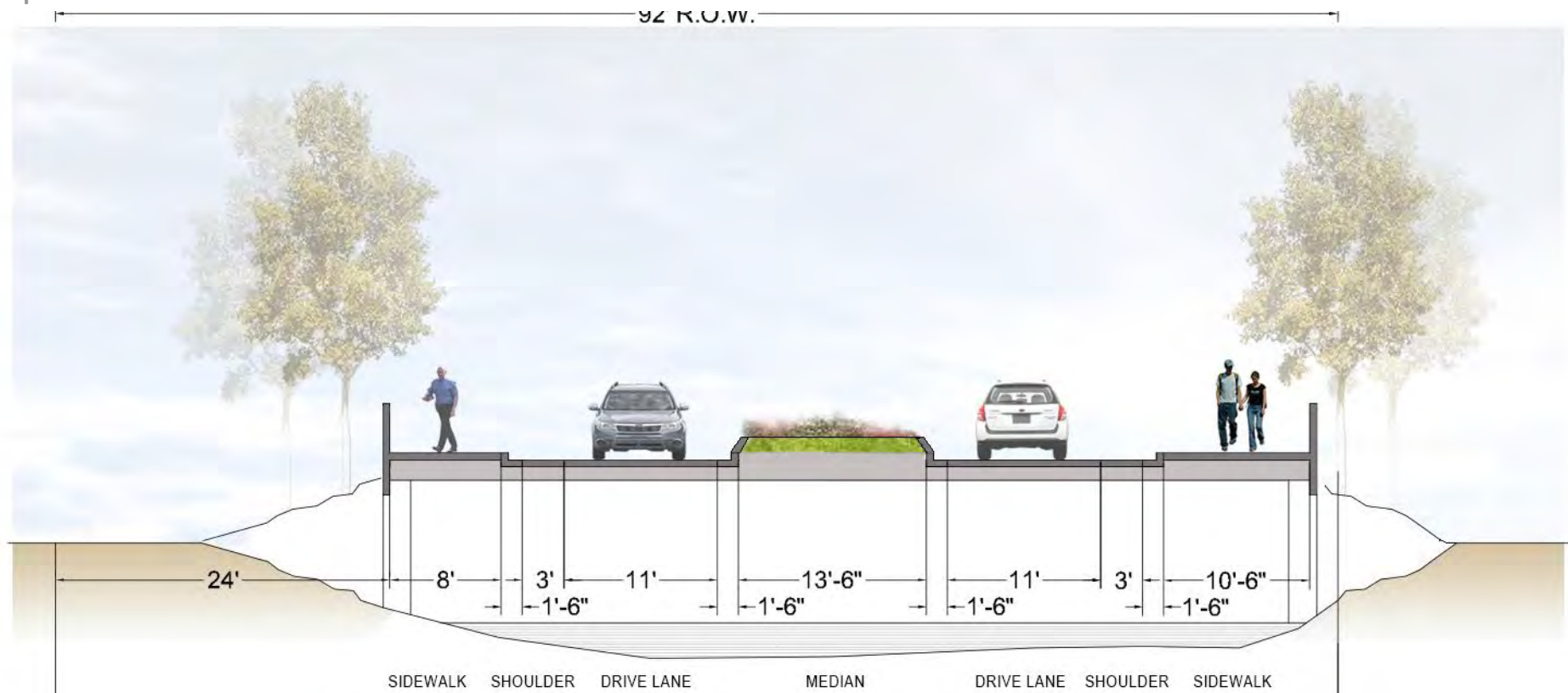
Roadway Typologies - Section 1 Proposed



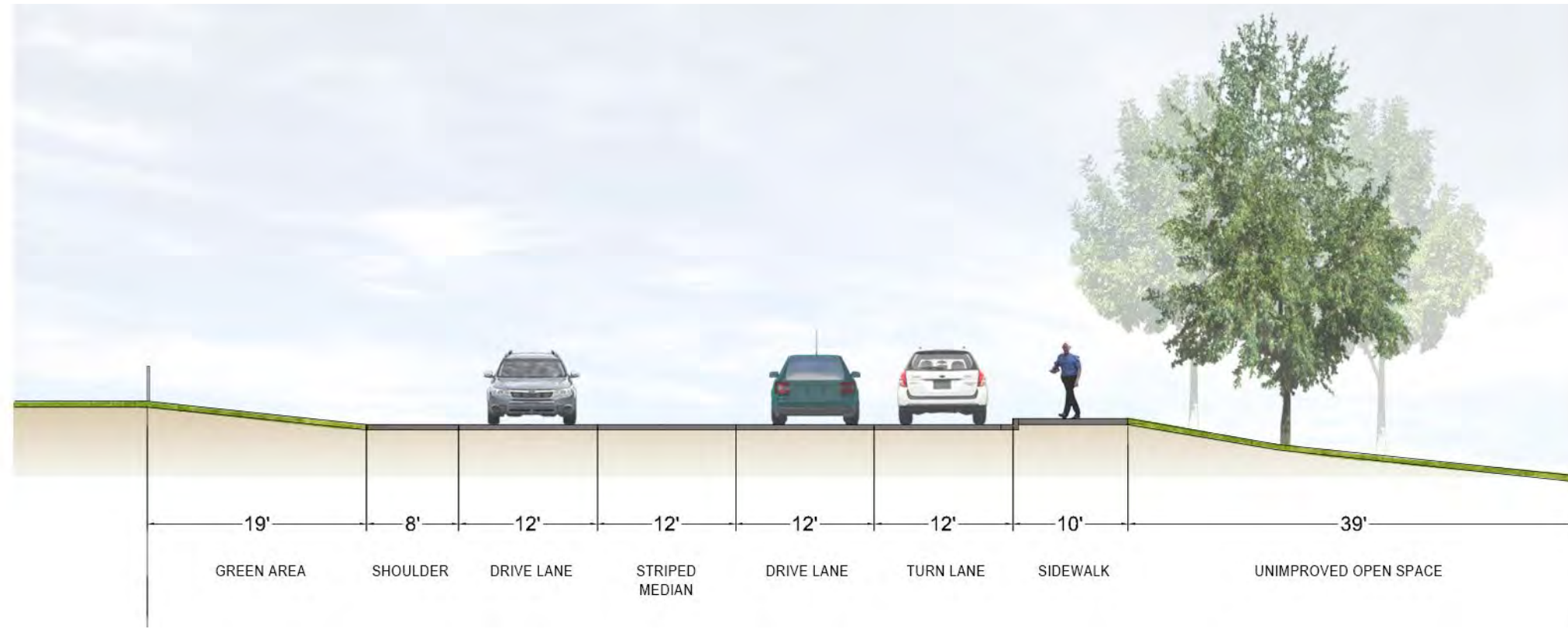
Roadway Typologies - Section 2 Existing



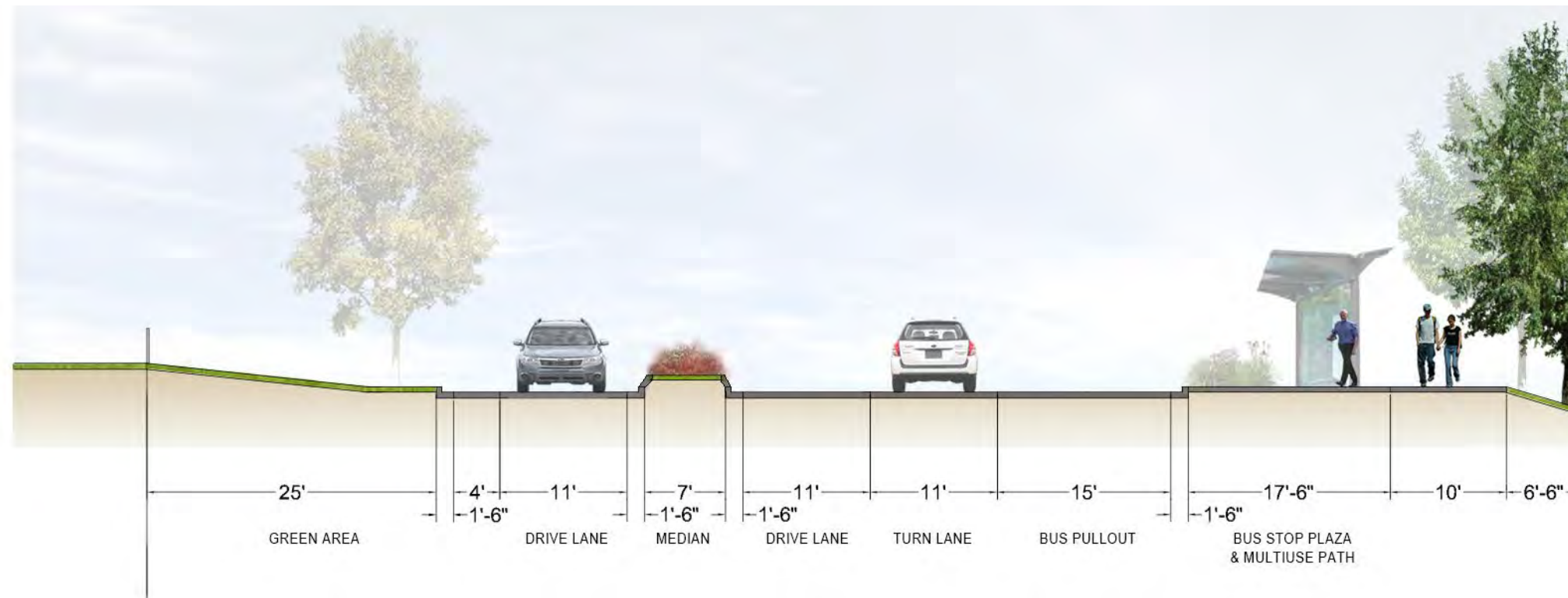
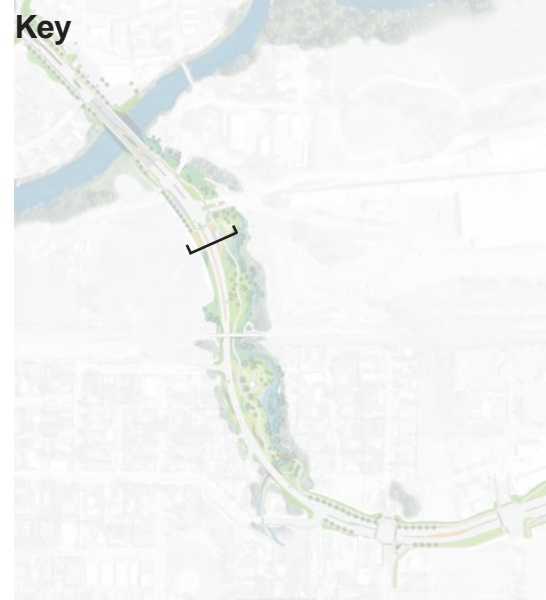
Roadway Typologies - Section 2 Proposed



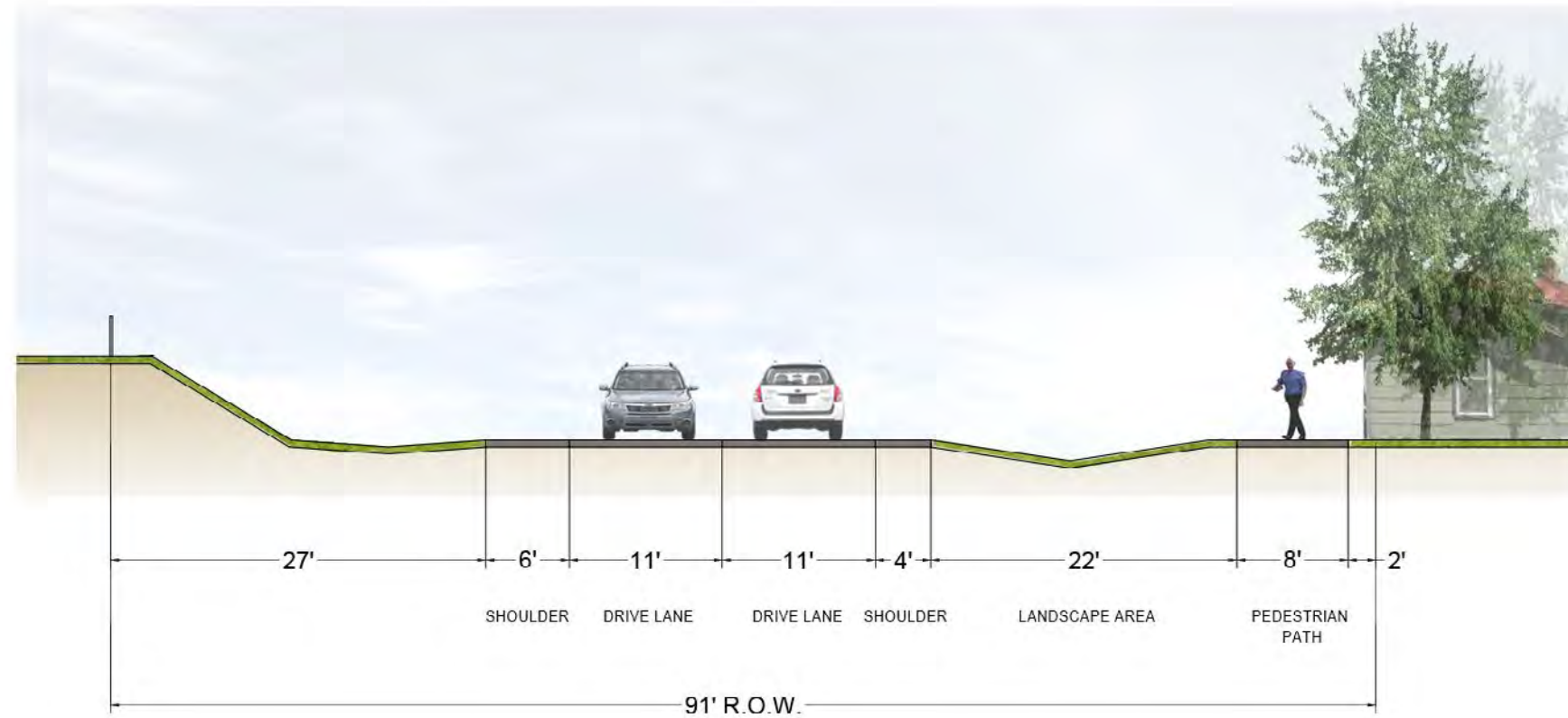
Roadway Typologies - Section 3 Existing



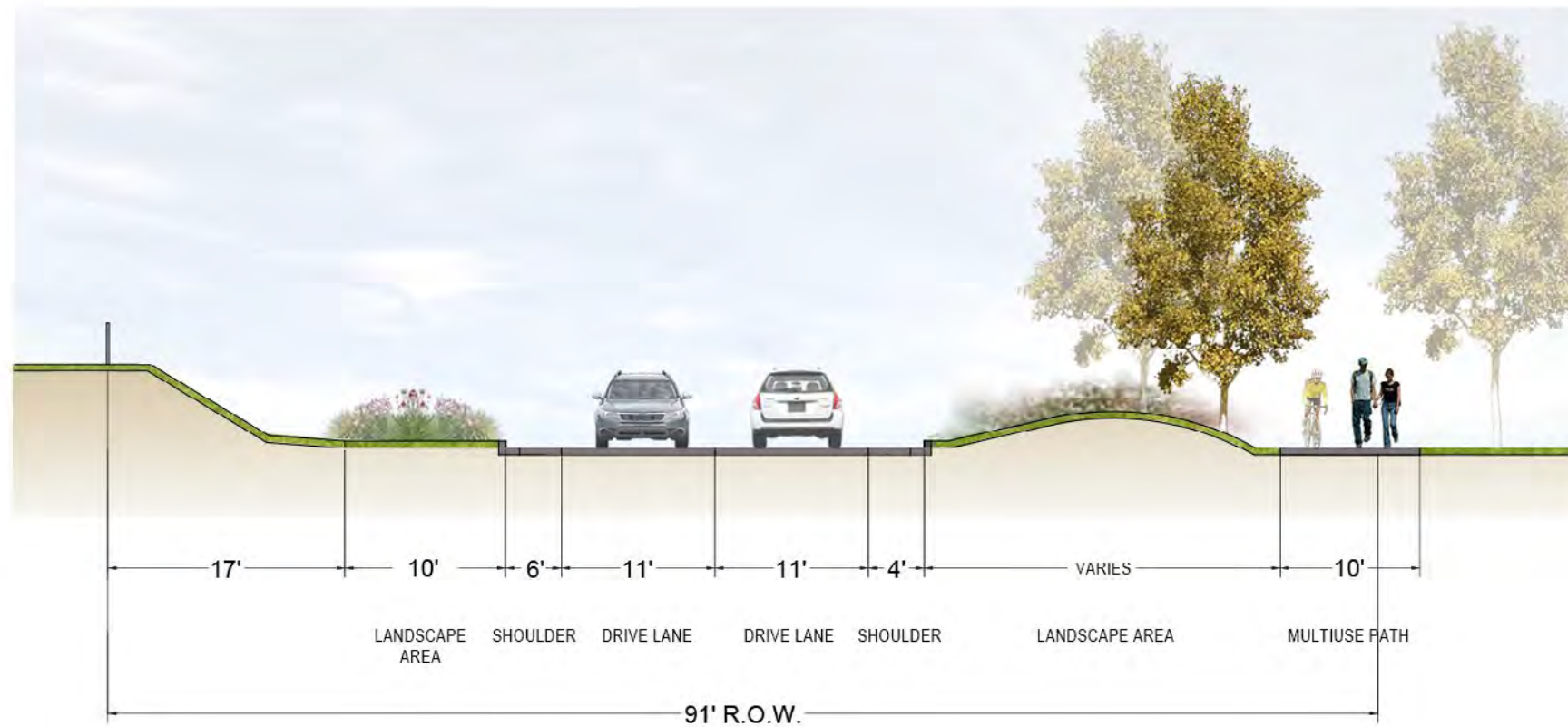
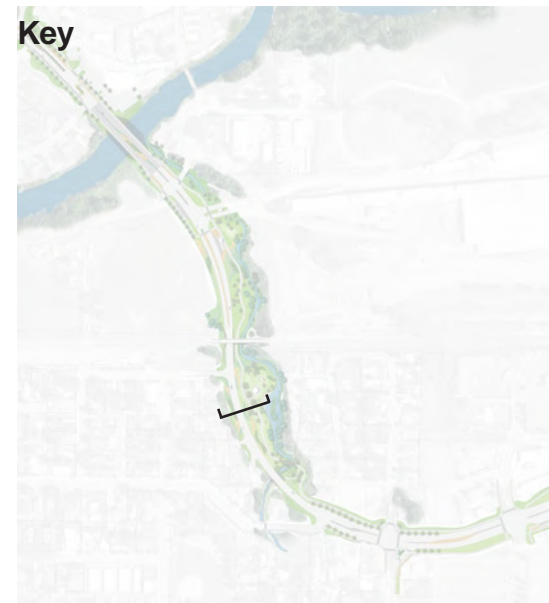
Roadway Typologies - Section 3 Proposed



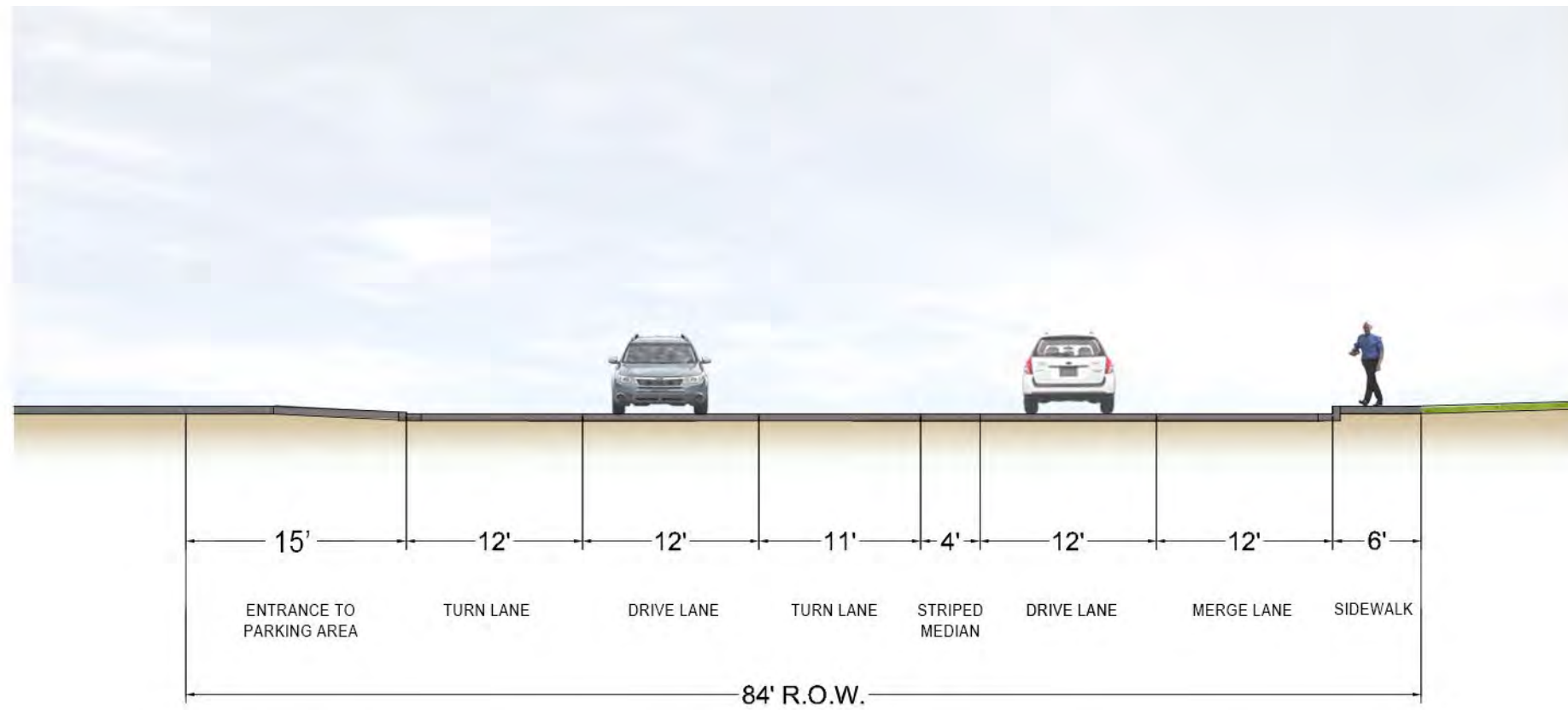
Roadway Typologies - Section 4 Existing



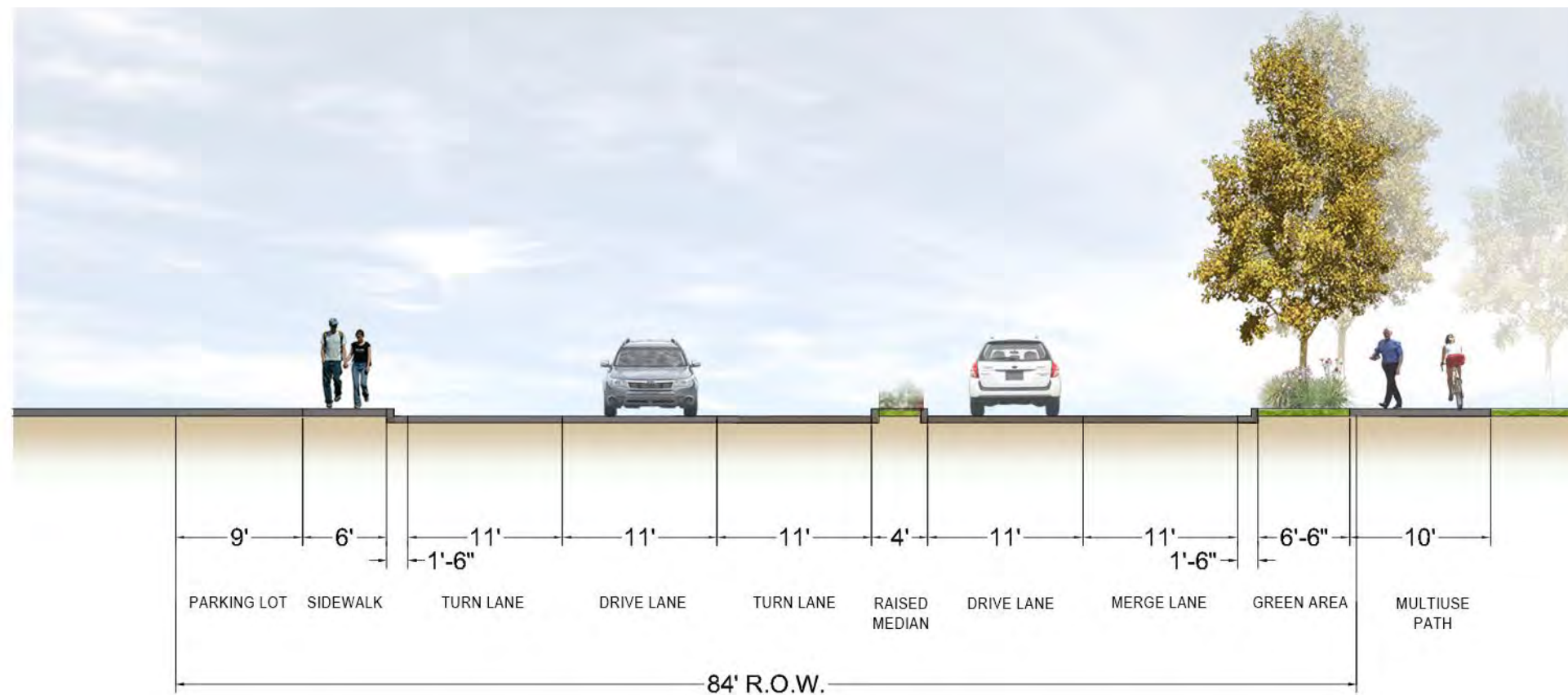
Roadway Typologies - Section 4 Proposed



Roadway Typologies - Section 5 Existing



Roadway Typologies - Section 5 Proposed



Simulation of Improvements — View 1



Simulation of Improvements — View 2

Existing



Simulation of Improvements — View 3

Existing



Plant Palette — Streetscape Enhancements and Revegetation



Lombardy Poplar



Narrow Leaf Cottonwood



Karl Foerster - Ornamental Grass Type 1



Blue Oat Grass - Ornamental Grass Type 2



Blonde Ambition - Ornamental Grass Type 3



Red Twig Dogwood



Fescue (Not Mowed)



Revegetation Native Seed Mix

Plant Palette — Riparian



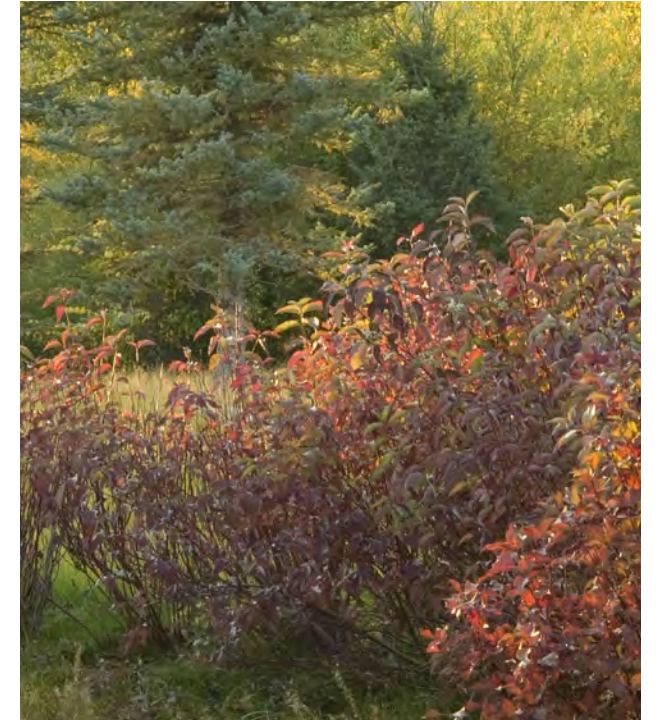
Colorado Spruce



Narrow Leaf Cottonwood



Globe Willow



Red Twig Dogwood



Nebraska Sedge



Drummond Willow



Bebb's Willow

Plant Palette — Focused Ornamental



Lombardy Poplar



Red Twig Dogwood



Common Juniper



Western Sandcherry



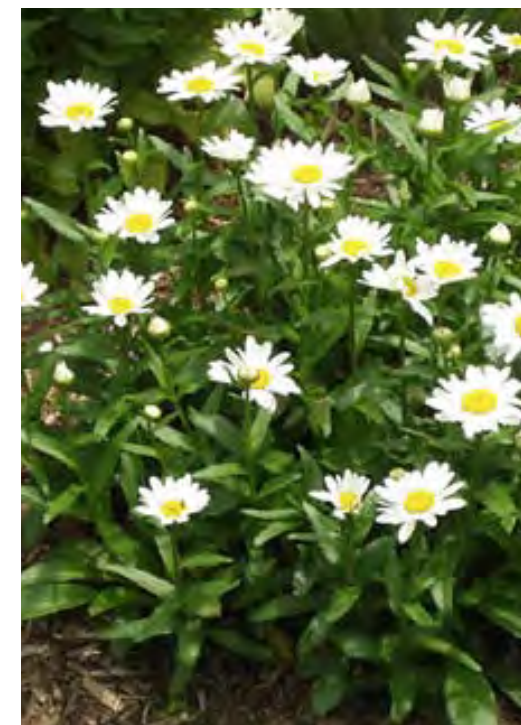
Feather Reed Grass



Purple Coneflower



Autumn Joy Sedum



Shasta Daisy



Moonshine Yarrow

Plan Palette — Median



Karl Foerster - Ornamental Grass Type 1



Blue Oat Grass - Ornamental Grass Type 2



Blonde Ambition - Ornamental Grass Type 3



Schubert Chokecherry

Materials and Site Furniture



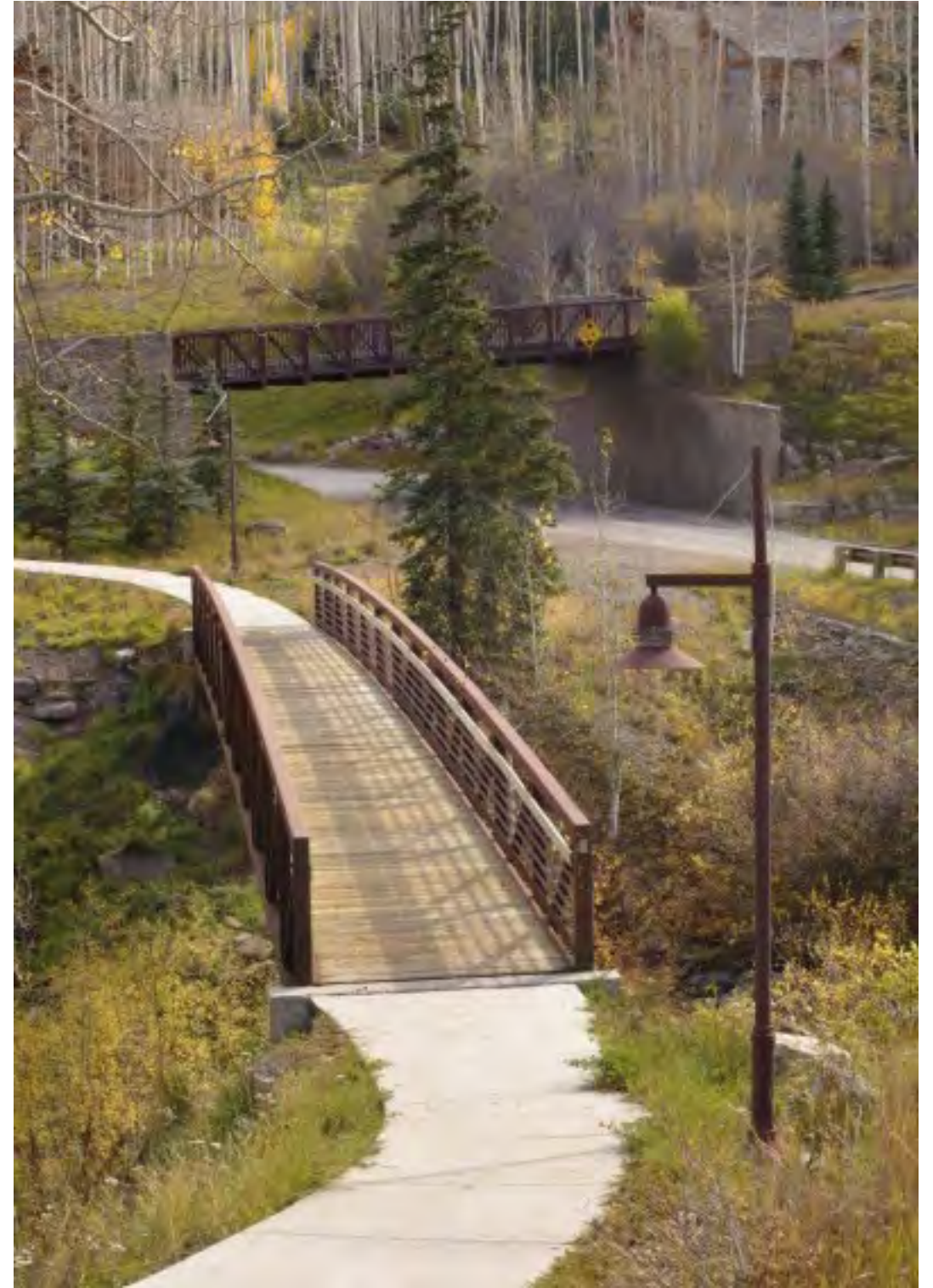
Concrete Bus Pullout



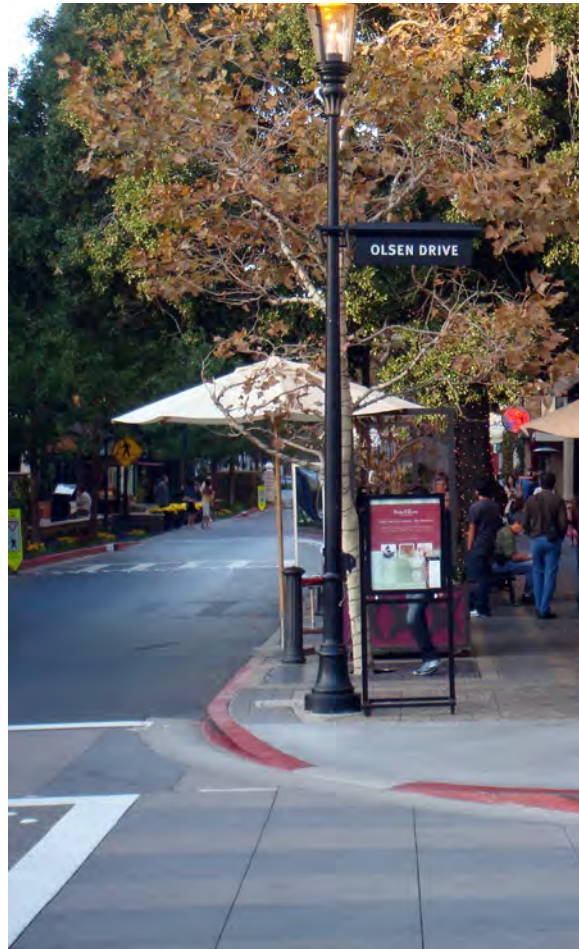
Stamped Concrete (Variable Message Sign)



Bike Racks



Pedestrian Bridge



Pedestrian Crossing and Textured Concrete



Pedestrian Lighting - Match Existing



Gypsum Bench



Corridor Signage

Electronic Variable Message Center



Gypsum Variable Message Sign: Option 2 (Stone wall base)
LED, text only, non-animated
Scale: 1/2" = 1'-0"

Cost Estimate

Town of Gypsum
US HWY 6 "Gypsum Parkway" Streetscape and Landscape Improvements

22-Dec-14

	PROJECT and ELEMENT DESCRIPTIONS	Unit	Quantity	Unit Rate	Estimate	Subtotal
G10	Site Preparation					
G1010	Site Clearing					
G1010.10	Clearing & Grubbing	SF	434,612	\$ 0.50	\$ 217,306	
G1010.20	Shrub & Tree Removal - remove, chip					
G1020	Site Demolition & Relocations					
G1020.10	Site Elements Demolition					
	Concrete Curbing (Recycle)	LF	2,435	\$ 10.00	\$ 24,350	
	Concrete Paving (Recycle) (Entire sidewalk and aprons)	SF	34,925	\$ 2.50	\$ 87,313	
	Concrete SubBase removal (Recycle) - CLASS A Excavation	CY	2,160	\$ 20.00	\$ 43,204	
	Asphalt Paving (Recycle) (Assume 12" thick)	SF	9,690	\$ 3.50	\$ 33,915	
	Asphalt SubBase removal (Recycle) - CLASS A Excavation	CY	359	\$ 20.00	\$ 7,178	
	Bridge Rail	LF	775	\$ 10.00	\$ 7,750	
	Concrete Barrier Walls	LF	480	\$ 25.00	\$ 12,000	
	Pedestrian Bridge	LS	1	\$ 15,000.00	\$ 15,000	
	Hauling and Storage / Disposal	LS	1	\$ 5,000.00	\$ 5,000	
G1030	Earthwork					
G1030.10	Grading	LS	1	\$ 50,000.00	\$ 50,000	
						Site Preparation Total
						\$503,015
G20	Site Improvements					
G2010	Roadways					
G2010.10	Roadway Surfaces					
	New Concrete Curb and Gutter	LF	15,950	\$ 20.00	\$ 319,000	
	Crosswalk Concrete Paving (exposed aggregate)	SF	6,300	\$ 12.00	\$ 75,600	
	Specialty Bridge Pavement	SF	3,350	\$ 15.00	\$ 50,250	
	Median Paving	SF	9,669	\$ 7.00	\$ 67,683	
G2010.50	Roadway Appurtenances					
	Specialty Bridge Railing (Eagle River)	LF	767	\$ 75.00	\$ 57,525	
	Pavement Markings: Travel and Turning Lanes	LF	25,000	\$ 0.75	\$ 18,750	
G2030	Pedestrian Paving					
G2030.20	Concrete Pedestrian Pavement - Natural Grey	SF	43,250	\$ 10.00	\$ 432,500	
G2030.30	Specialty Bridge Sidewalk	SF	8,300	\$ 12.00	\$ 99,600	
	ADA Ramps	SY	273	\$ 90.00	\$ 24,570	

	PROJECT and ELEMENT DESCRIPTIONS	Unit	Quantity	Unit Rate	Estimate	Subtotal
G2040	Site Development					
G2040.10	Site and Street Furnishings					
	Benches	Ea.	8	\$ 4,500.00	\$ 36,000	
	Trash Receptacles (New)	Ea.	6	\$ 3,000.00	\$ 18,000	
	Bicycle Racks (a rack that can accommodate up to 13 bicycles) (\$1,600 to \$3,300)	Ea.	4	\$ 1,600.00	\$ 6,400	
	Picnic Tables	Ea.	7	\$ 2,500.00	\$ 17,500	
	Playground Equipment	Ea.	1	\$ 50,000.00	\$ 50,000	
G2040.40	Exterior Signs - Wayfinding					
	Electronic Variable Message Center	Ea.	1	\$ 30,000.00	\$ 30,000	
G2040.50	Covers and Shelters					
	Bus Shelters	Ea.	2	\$ 35,000.00	\$ 70,000	
	Gypsum Park Pavilion	Ea.	1	\$ 50,000.00	\$ 50,000	
	Pedestrian Bridge	Ea.	1	\$ 100,000.00	\$ 100,000	
G2040.60	Stamped Concrete Retaining Walls/Planters					
		CY	50	\$ 500.00	\$ 25,000	
G2050	Planting					
G2050.10	Irrigation System					
		SF	215,500	\$ 0.50	\$ 107,750	
G2050.20	Planting Soil and Soil Preparation					
	Planter Topsoil (median planting)	CY	420	\$ 50.00	\$ 21,000	
	Enhanced Topsoil (perennial and turf areas)	CY	2,020	\$ 50.00	\$ 101,000	
	Wetland Topsoil (restoration areas)	CY	1,225	\$ 40.00	\$ 49,000	
	Topsoil (reveg areas)	CY	1,425	\$ 30.00	\$ 42,750	
	Sand at Beach Area	CY	100	\$ 10.00	\$ 1,000	
G2050.30	Lawns and Grasses - Sod					
		SF	71,000	\$ 2.00	\$ 142,000	
G2050.40	Trees, Plants and Groundcovers					
	Deciduous Trees (3" caliper)	Ea.	137	\$ 500.00	\$ 68,500	
	Evergreen Trees (12 foot)	Ea.	25	\$ 800.00	\$ 20,000	
	Shrubs (5 gallon)	Ea.	841	\$ 35.00	\$ 29,435	
	Ornamental Grasses / Perennials (1 gallon)	Ea.	29,000	\$ 17.00	\$ 493,000	
	Riparian Restoration	SF	100,000	\$ 4.00	\$ 400,000	
	Native Revegetation (till and seed)	SF	153,000	\$ 1.00	\$ 153,000	
G2050.60	Planting Accessories					
	Tree Staking/Guying	Ea.	162	\$ 50.00	\$ 8,100	
						Site Improvements Total
						\$3,184,913
G4020	Site Lighting					
G4020.10	Street Lighting					
	New	Ea.	35	\$ 3,000.00	\$ 105,000	
						Site Electrical Utilities Total
						\$105,000
						Construction Direct costs Subtotal
						\$3,792,928
	General Contingency		30%			\$1,137,878
						TOTAL CONSTRUCTION BUDGET
						\$4,930,806