

# Opinion of Probable Construction Costs

3/9/2018 **DRAFT**

## CONCEPT A - BASE PLAN

ITEM NO.	CONSTRUCTION ITEMS		UNIT	UNIT COST	TOTAL COST
<b>General Conditions</b>					
1	Erosion & Sediment Control	1	LS	\$10,000.00	\$10,000.00
2	Tree Protection Fencing	516	LF	\$6.00	\$3,096.00
3	Construction Fencing	8,261	LF	\$3.00	\$24,783.00
					<b>\$37,879.00</b>
<b>Demolition</b>					
4	Landscape Removal, Clear & Grub	25,186	SF	\$2.00	\$50,372.00
					<b>\$50,372.00</b>
<b>Site Features</b>					
5	ADA Crossings	5	EA	\$1,500.00	\$7,500.00
6	Concrete Sidewalk	23,474	SF	\$8.00	\$187,792.00
7	5' Concrete Sidewalk along road	1,705	SF	\$8.00	\$13,640.00
8	Steps to Trail	182	SF	\$35.00	\$6,370.00
9	Handrail at Steps	44	LF	\$120.00	\$5,280.00
10	Retaining Wall at Steps	16	CY	\$895.00	\$14,320.00
11	Railroad Crossing	1	LS	\$24,253.00	\$24,253.00
12	Split Rail Fencing	1,721	LF	\$15.00	\$25,815.00
13	Concrete Mow Band at Alley	577	SF	\$8.00	\$4,616.00
					<b>\$289,586.00</b>
<b>Landscape</b>					
14	Existing Tree Trimming	0	EA	\$250.00	\$0.00
15	Native Seed + Soil Prep (Disurbed Areas)	84,177	SF	\$1.00	\$84,177.00
					<b>\$84,177.00</b>
<b>Irrigation</b>	<b>(not included in base plan)</b>				
<b>Other</b>					
16	RTD Safety Training	16	HR	\$60.00	\$960.00
					<b>\$960.00</b>
<b>General Items Subtotal</b>					<b>\$462,974.00</b>
<b>Construction Surveying</b>		1	LS	\$10,000.00	\$10,000.00
<b>Mobilization &amp; General Conditions (10%)</b>		1	LS	\$46,297.40	\$46,297.40
<b>Contingency / Minor Contract Revisions 15%</b>		1	LS	\$69,446.10	\$69,447.10
<b>Items Total with Contingency</b>					<b>\$588,718.50</b>

**Table A: Railroad Crossing Breakdown (Line 11)**

Grading/Site Preparation	30	CY	\$4.00	\$120.00
Construction Fencing	207	LF	\$3.00	\$621.00
Tree Protection Fencing	62	LF	\$6.00	\$372.00
Singage - warning sign, 90-degree turn ahead	1	EA	\$500.00	\$500.00
Singage - sign per MUTCD	2	EA	\$500.00	\$1,000.00
Singage - warning sign, stop ahead	2	EA	\$500.00	\$1,000.00
Singage - stop sign at trail intersection	1	EA	\$500.00	\$500.00
Striping	1	LS	\$500.00	\$500.00
Precast Concrete Panels, 8'-0" x 2'-3"	4	EA	\$1,500.00	\$6,000.00
Precast Concrete Panels, 8'-0" x 4'-2"	2	EA	\$2,000.00	\$4,000.00
Concrete Paving	938	SF	\$8.00	\$7,504.00
Native Seed + Soil Prep (Disurbed Areas)	2,136	SF	\$1.00	\$2,136.00
				<b>\$24,253.00</b>

**Assumptions**

- 1 This includes everything within the 100'-0" x 45'-0" Easment Boundary.
- 2 Includes signage associated with the crossing (even if it is outside of the easment).