

PRELIMINARY - COST ESTIMATE - 2016 Items					
OREGON STATE HIGHWAY DIVISION - ROADWAY ENGINEERING					
SECTION				COUNTY	
Cedar Creek/Tonquin Trail: OR99W - Edy Rd				Washington	
KEY NUMBER	KIND OF WORK	LENGTH	DATE	ROADWAY DESIGNER	
18280	Grading, Structures, Paving, Signals, Illumination	0.5	8/31/16	Sharon Daleo	
ITEM NUMBER	ITEM DESCRIPTION	UNIT	AMOUNT	UNIT COST	TOTAL
MOBILIZATION AND TRAFFIC CONTROL					
0210-010000A	MOBILIZATION	LS	All	10.00%	\$136,691.01
0280-010000A	EROSION CONTROL	LS	All		\$145,000.00
See Traffic Control Estimate, without Mob. And E&C.		LS	All	3.00%	\$35,589.61
ROADWORK					
0305-010000A	CONSTRUCTION SURVEY WORK	LS	All	3.00%	\$25,815.16
0310-010600A	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LS	All	3.00%	\$24,531.45
0320-010000R	CLEARING AND GRUBBING	ACRE	1.9	\$9,610.00	\$18,259.00
0330-012300K	EMBANKMENT IN PLACE	CUYD	8,690	\$20.00	\$173,800.00
0330-012600K	STONE EMBANKMENT	CUYD	1,100	\$50.00	\$55,000.00
0340-010000Q	WATERING	MGAL	10	\$16.00	\$166.04
0350-010500J	SUBGRADE GEOTEXTILE	SQYD	4,500	\$1.00	\$4,500.00
DRAINAGE AND SEWERS					
0445-010012AF	12 INCH CULVERT PIPE, 5 FT DEPTH	FOOT	70	\$80.00	\$5,600.00
0445-010018AF	18 INCH CULVERT PIPE, 5 FT DEPTH	FOOT	60	\$105.00	\$6,300.00
0490-012000E	MINOR ADJUSTMENT OF MANHOLES	EACH	2	\$1,080.00	\$2,160.00
0490-010400E	CONNECTION TO EXISTING STRUCTURES	EACH	4	\$1,050.00	\$4,200.00
0445-010036BF	36 INCH CULVERT PIPE, 10 FT DEPTH	FOOT	20	\$150.00	\$3,000.00
WALLS					
XXXXXXXXXX	SOIL REINFORCED SLOPE	SQFT	1,200	\$50.00	\$60,000.00
XXXXXXXXXX	ROCKERY CUT WALL	SQFT	3,100	\$42.00	\$130,200.00
BRIDGES					
Bridge					\$75,000.00
Boardwalk					\$165,000.00
BASES					
0640-010000M	AGGREGATE BASE	TON	900	\$27.00	\$24,300.00
WEARING SURFACES					
0730-010000M	EMULSIFIED ASPHALT FOR TACK COAT	TON	2	\$210.00	\$420.00
0745-020200M	LEVEL 2, 1/2 INCH ACP	TON	670	\$92.00	\$61,653.34
0745-062000M	PG 64-22 ASPHALT IN ACP	TON	40	\$170.00	\$6,835.48
0759-010500F	CONCRETE CURBS, CURB AND GUTTER, MODIFIED	FOOT	40	\$37.00	\$1,480.00
PERMANENT TRAFFIC CONTROL AND GUIDANCE DEVICES					
0587-012700A	PEDESTRIAN RAIL	FOOT	790	\$40.00	\$31,600.00
1050-013500F	CHAIN-LINK FENCE	FOOT	250	\$26.00	\$6,500.00
PLANTINGS					
Environmental Mitigation					\$250,000.00
RIGHT OF WAY					
					\$50,000.00
SUBTOTAL, Construction Items					\$1,503,601.09
	UTILITIES, for all work listed				\$10,000.00
	CONSTRUCTION ENGINEERING			15.0%	\$230,000.00
	CONTINGENCIES, for all work listed			20.0%	\$310,000.00
	Preliminary Engineering			20.0%	\$399,000.00
TOTAL CONSTRUCTION COST					\$2,452,601.09
Current Programmed Funding Amount				#DIV/0!	