

CITY OF NEWBERG
PUBLIC WORKS DEPARTMENT / ENGINEERING DIVISION
 CITY HALL, 414 EAST FIRST STREET, P. O. BOX 970, NEWBERG, OR 97132
 TEL: (503) 537-1240 FAX: (503) 537-1277

COST ESTIMATE for
HWY 219 (N. COLLEGE ST.) PROPOSED PEDESTRIAN/BIKE IMPROVEMENT PROJECT

Date: 12/20/2010

SCHEDULE 1 PRELIMINARY ENGINEERING (PE)					
Item No.	Item Description	Quantity	Unit	Unit Price	Item Total
1.01	Project Administrative Costs	1	LS	\$30,000.00	\$30,000.00
1.02	ODOT Administrative Costs	1	LS	\$10,000.00	\$10,000.00
1.03	Surveying	1	LS	\$40,000.00	\$40,000.00
1.04	Engineering & Design	1	LS	\$80,000.00	\$80,000.00
1.05	Environmental Process	1	LS	\$10,000.00	\$10,000.00
1.06	Permitting	1	LS	\$1,150.00	\$1,150.00
SCHEDULE 1 TOTAL PE =					\$171,150.00

SCHEDULE 2						RIGHT-OF-WAY (ROW)	
Item No.	Item Description		Quantity	Unit	Unit Price	Item Total	
2.01	Administration Costs		1	LS	\$20,000.00	\$20,000.00	
2.02	Dedication Record Process		1	LS	\$2,800.00	\$2,800.00	
2.03	Acquisition		7000	SF	\$14.50	\$101,500.00	
SCHEDULE 2 TOTAL ROW =						\$124,300.00	

SCHEDULE 3A CONSTRUCTION - GENERAL					
Item No.	Item Description	Quantity	Unit	Unit Price	Item Total
3.01	Mobilization	1	LS	\$40,000.00	\$40,000.00
3.02	Traffic Control	1	LS	\$40,000.00	\$40,000.00
3.03	Sediment & Erosion Control Measure	1	LS	\$4,000.00	\$4,000.00
3.04	Site Restoration & Cleanup	1	LS	\$2,000.00	\$2,000.00
3.05	Clear & Grub	1	LS	\$2,000.00	\$2,000.00
3.06	Construction Staking	1	LS	\$4,000.00	\$4,000.00
SCHEDULE 3A SUBTOTAL =					\$92,000.00

SCHEDULE 3B CONSTRUCTION - ROADWAY, BIKEWAY, WALKWAY IMPROVEMENTS					
Item No.	Item Description	Quantity	Unit	Unit Price	Item Total
4.01	Sawcut Asphalt Concrete Pavement up to 6" depth	4400	LF	\$1.50	\$6,600.00
4.02	Demolish & Remove Asphalt Pavement to an Approved Site	1	LS	\$7,000.00	\$7,000.00
4.03	Excavate or Provide Embankment, Grade Sidewalk Subgrade & Side Slopes	1	LS	\$15,000.00	\$15,000.00
4.04	Base Rock, 1 1/2" Minus, 12" In-place	1470	SY	\$7.00	\$10,290.00
4.05	Leveling Rock, 3/4" Minus, 3" In-place	1470	SY	\$2.00	\$2,940.00
4.06	Asphalt Concrete, Type 'C' In 3 Lifts, 6" In-place	1470	SY	\$20.00	\$29,400.00
4.07	Install Concrete Curb & Gutter	2200	LF	\$10.00	\$22,000.00
4.08	Install Gravel Shoulder	6600	SF	\$1.50	\$9,900.00
4.09	Install 6' wide Concrete Sidewalk, 4" Thick On Compacted 2" Of 3/4" Minus on Compacted Subgrade	13200	SF	\$4.00	\$52,800.00
4.10	Install Concrete Sidewalk Ramp With ADA Safety Yellow Truncated Domes	16	EA	\$1,600.00	\$25,600.00
4.11	Install Striping	1	LS	\$16,500.00	\$16,500.00
4.12	Pedestrian RR Crossing Pads **	3	EA	\$25,000.00	\$75,000.00
4.13	Install Gravel between Road and Ped Crossing **	150	SF	\$4.00	\$600.00
SCHEDULE 3B SUBTOTAL =					\$273,630.00

SCHEDULE 3C CONSTRUCTION - DRAINAGE IMPROVEMENTS					
Item No.	Item Description	Quantity	Unit	Unit Price	Item Total
5.01	Install Pelican Style Catch Basins	14	EA	\$2,000.00	\$28,000.00
5.02	Install 12" PVC storm pipe	2600	LF	\$38.00	\$98,800.00
5.03	Extend RR Storm Culvert, Install Short Retaining Wall & Regrade As Needed	1	LS	\$5,000.00	\$5,000.00
SCHEDULE 3C SUBTOTAL =					\$131,800.00

SCHEDULE 3			CONSTRUCTION (CONST)		
			SCHEDULE 3A =		\$92,000.00
			SCHEDULE 3B =		\$273,630.00
			SCHEDULE 3C =		\$131,800.00
			TOTAL (3A+3B+3C) =		\$497,430.00
			CONTINGENCY (20% OF 3A+3B+3C) =		\$99,500.00
			CONSTRUCTION ENGINEERING (15% OF 3A+3B+3C) =		\$74,600.00
			TOTAL CONSTRUCTION =		\$671,530.00
			SCHEDULE 3 TOTAL CONST =		\$671,530.00

GRAND TOTAL (PE + ROW + CONST) =					\$966,980.00
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NOTE:
 MINIMUM 10.27% MATCH = \$99,309. CITY OF NEWBERG WILL PROVIDE THE REQUIRED MATCH IN FUNDING BY
 PERFORMING THE "PEDESTRIAN RAILROAD CROSSING WORK" AND PROVIDING STAFF SUPPORT FOR THE PROJECT.