

81028370 UNDERGROUND CONDUIT, PVC, 3" DIA.			
LOCATION	FOOT	REMARKS	
CONTROLLER TO HANDHOLE	11.5		
HANDHOLE TO MAST ARM (MA-2)	23.2		
HANDHOLE TO HANDHOLE	49.0		
HANDHOLE TO MAST ARM (MA-1)	7.8		
TOTAL	91.5		

81400700 HANDHOLE, PORTLAND CEMENT CONCRETE			
LOCATION	EACH	REMARKS	
PEDESTRIAN HYBRID BEACON	2		
TOTAL	2		

81702130 ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6			
LOCATION	FOOT	REMARKS	
SERVICE TO CONTROLLER CABINET	69.0		
TOTAL	69.0		

86300200 CONTROLLER CABINET TYPE II			
LOCATION	EACH	REMARKS	
PEDESTRIAN HYBRID BEACON	1		
TOTAL	1		

87301225 ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C			
LOCATION	FOOT	REMARKS	
CONTROLLER CABINET TO MA-1	87.3		
CONTROLLER CABINET TO MA-2	47.3		
TOTAL	134.6		

87301245 ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C			
LOCATION	FOOT	REMARKS	
CONTROLLER CABINET TO MA-1	224.1		
CONTROLLER CABINET TO MA-2	144.0		
TOTAL	368.1		

87301900 ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C			
LOCATION	FOOT	REMARKS	
CONTROLLER CABINET TO MA-1	84.3		
CONTROLLER CABINET TO MA-2	44.3		
SERVICE TO CONTROLLER CABINET	34.5		
TOTAL	163.1		

87700160 STEEL MAST ARM ASSEMBLY AND POLE, 24 FT.			
LOCATION	EACH	REMARKS	
PEDESTRIAN HYBRID BEACON	2		
TOTAL	2		

87800100 CONCRETE FOUNDATION, TYPE A			
LOCATION	FOOT	REMARKS	
352+07.00 12.22' RT	3.0		
TOTAL	3.0		

87800400 CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER			
LOCATION	FOOT	REMARKS	
PEDESTRIAN HYBRID BEACON MA-1	10.0		
PEDESTRIAN HYBRID BEACON MA-2	10.0		
TOTAL	20.0		

88040090 SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED			
LOCATION	EACH	REMARKS	
PEDESTRIAN HYBRID BEACON MA-1	2		
PEDESTRIAN HYBRID BEACON MA-2	2		
TOTAL	4		

88102825 PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER			
LOCATION	EACH	REMARKS	
PEDESTRIAN HYBRID BEACON MA-1	1		
PEDESTRIAN HYBRID BEACON MA-2	1		
TOTAL	2		

88800100 PEDESTRIAN PUSH-BUTTON			
LOCATION	EACH	REMARKS	
PEDESTRIAN HYBRID BEACON MA-1	1		
PEDESTRIAN HYBRID BEACON MA-2	1		
TOTAL	2		

X0323443 PRECAST MODULAR RETAINING WALL			
LOCATION	SQ FT	REMARKS	
375+71.76 TO 376+35.00	159.2		
TOTAL	159.2		

X0326805 FOUNDATION REMOVAL			
LOCATION	SQ FT	REMARKS	
375+66.97 5.2' LT	4.0		
TOTAL	4.0		

X4240420 PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH, SPECIAL			
LOCATION	SQ FT	REMARKS	
NW QUAD PROSPECT INTERSECTION	558.9		
NE QUAD PROSPECT INTERSECTION	475.2		
TOTAL	1034.1		

X5430100 INSERTION CULVERT LINER (SPECIAL)			
LOCATION	FOOT	REMARKS	
429+46.50	86.3		
TOTAL	86.3		

X6020065 INLETS, TYPE G-1, DOUBLE (SPECIAL)			
LOCATION	EACH	REMARKS	
378+56.63 10.5' RT	1		
TOTAL	1		

X6020082 INLETS, TYPE G-1			
LOCATION	EACH	REMARKS	
376+87.64 11.2' RT	1		
377+05.70 6.9' RT	1		
TOTAL	2		

X6021065 INLETS, TYPE G-1, SPECIAL			
LOCATION	EACH	REMARKS	
378+76.94 13.4' RT	1		
TOTAL	1		

X6640555 CHAIN LINK FENCE, 5' (SPECIAL)			
LOCATION	FOOT	REMARKS	
381+00.00 TO 385+88.00 7' LT	488.06		
393+50.00 TO 398+30.00 7' RT	481.25		
395+00.00 TO 398+30.00 7' LT	329.14		
410+00.00 TO 414+70.00 7' LT	472.35		
410+00.00 TO 414+40.00 7' RT	437.80		
421+00.00 TO 422+86.00 7' LT	186.93		
421+00.00 TO 422+86.00 7' RT	185.07		
424+61.00 TO 431+45.00 7' LT	684.00		
440+10.00 TO 448+00.00 7' LT	787.42		
451+11.00 TO 458+64.00 7' LT	768.86		
451+11.00 TO 453+00.00 7' RT	188.06		
TOTAL	5008.9		

X6640560 CHAIN LINK FENCE, 6' (SPECIAL)			
LOCATION	FOOT	REMARKS	
381+25.00 TO 387+58.00 7' RT	633.45		
TOTAL	633.5		

X7010216 TRAFFIC CONTROL AND PROTECTION, (SPECIAL)			
LOCATION	L SUM	REMARKS	
ENTIRE PROJECT	1		
TOTAL	1.0		

XX002202 VEHICLE CONTROL BOLLARDS			
LOCATION	EACH	REMARKS	
352+25.00	1		
375+00.00	1		
379+35.00	1		
422+76.70	1		
423+37.00	1		
458+64.00	1		
TOTAL	6		

Z0013798 CONSTRUCTION LAYOUT			
LOCATION	L SUM	REMARKS	
ENTIRE PROJECT	1		
TOTAL	1		

Z0056608 STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH			
LOCATION	FOOT	REMARKS	
FROM STR			
1	EXISTING	15.7	
2	EXISTING	7.5	
3	EXISTING	12.1	
4	3	14.5	
TOTAL		49.8	

LOCATION	EARTH EXCAVATION	EXCAVATION ADJUSTED FOR SHRINKAGE (25%)	EMBANKMENT (FILL)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
	CU YD	CU YD	CU YD	CU YD
GLEN TO PROSPECT				
STA. 352+04.83 TO STA. 377+00.00	585.45	439.09	273.76	165.33
PROSPECT TO BISHOP				
STA. 378+50.00 TO STA. 422+96.73	1613.49	1210.11	512.46	697.66
BISHOP TO HARVARD				
STA. 423+17.00 TO STA. 458+84.26	578.03	433.52	1071.94	-638.42
TOTAL	2776.97	2082.72	1858.16	224.57