

# ITEM DETAIL SHEET



CURB		POSITION		REMARKS
BEGIN STATION km + m	END STATION km + m	LEFT M	RIGHT M	
<b>ITEM 616.20 - GRANITE SLOPE EDGING</b>				
A 1+024.411	A 1+242.000	217.6		
A 1+047.861	A 1+078.268		30.4	
A 1+095.047	A 1+235.000		140	
AS 1+000.000	AS 1+046.836	46.8		
AS 1+003.170	AS 1+030.021	26.9		
D 1+000.000	D 1+127.030		127	
D 1+045.083	D 1+081.053	36		
DS 1+000.000	DS 1+055.735	55.7		
D 1+100.000	D 1+236.000	136		
DS 1+004.144	DS 1+036.626		32.5	
VT 1+394.579	VT 1+430.713	36.1		
VT 1+445.544	VT 1+492.913	47.4		
POSITION TOTAL =		602.5	329.9	
SUBTOTAL =		932.4		
ROUNDING =		7.6		
TOTAL =		940.0		
<b>ITEM 616.28 - CAST-IN-PLACE CONCRETE CURB, TYPE B</b>				
VT 1+200.000	VT 1+246.911	46.9		
VT 1+200.000	VT 1+214.474		14.5	
VT 1+221.859	VT 1+306.208		84.3	
VT 1+259.960	VT 1+328.779	68.8		
VT 1+313.983	VT 1+551.951		238.0	
VT 1+336.691	VT 1+369.202	32.5		
VT 1+540.167	VT 1+566.996	26.8		
VT 1+583.548	VT 1+607.530	24.0		
VT 1+618.835	VT 1+649.030	30.2		
VT 1+574.698	VT 1+580.133		5.4	
VT 1+584.233	VT 1+590.995		6.8	
VT 1+595.095	VT 1+639.787		44.7	
<b>RAMP A</b>				
South Approach		10.0	10.0	
North Approach		10.0	10.0	
<b>RAMP D</b>				
South Approach		10.0	10.0	
North Approach		10.0	10.0	
POSITION TOTAL =		269.2	433.7	
SUBTOTAL =		702.9		
ROUNDING =		7.1		
TOTAL =		710		
<b>ITEM 616.305 - BITUMINOUS CONCRETE CURB, TYPE A</b>				
<b>RAMP A</b>				
A 1+388.000	A 1+419.270	31.3		
A 1+397.000	A 1+419.270		22.3	
D 1+127.030	D 1+234.000		107.4	
D 1+380.000	D 1+452.393		72.4	
D 1+382.000	D 1+416.407	34.4		
POSITION TOTAL =		65.7	202.1	
SUBTOTAL =		267.8		
ROUNDING =		2.2		
TOTAL =		270		
<b>ITEM 616.41 - REMOVAL OF EXISTING CURB</b>				
ROUTE 9				
VT 1+200.000	VT 1+215.324		15.3	
VT 1+200.000	VT 1+247.853	47.9		
VT 1+220.992	VT 1+261.436		40.4	
VT 1+259.681	VT 1+330.944	71.3		
VT 1+336.000	VT 1+356.171	20.2		
VT 1+336.556	VT 1+340.735		4.2	
VT 1+352.962	VT 1+378.200		25.2	
VT 1+360.048	VT 1+562.792	202.7		
VT 1+381.685	VT 1+391.906		10.2	
VT 1+402.013	VT 1+436.287		34.3	
VT 1+441.810	VT 1+474.411		32.6	
VT 1+479.756	VT 1+498.641		18.9	
VT 1+502.951	VT 1+533.269		30.3	
VT 1+539.448	VT 1+558.799		19.4	
VT 1+568.668	VT 1+580.133		11.5	
VT 1+582.182	VT 1+605.153		23	
VT 1+634.139	VT 1+648.791		14.7	
SUBTOTAL =		622.1		
ROUNDING =		2.9		
TOTAL =		625		

SIDEWALK		POSITION		REMARKS
BEGIN STATION km + m	END STATION km + m	LEFT m	RIGHT m	
<b>ITEM 618.10 - PORTLAND CEMENT CONCRETE SIDEWALK, 125 MM</b>				
ROUTE 9				
VT 1+200.000	VT 1+248.100	73.9		
VT 1+244.800	VT 1+557.105		475.1	
VT 1+569.999	VT 1+644.910		105.1	
VT 1+640.000			2.3	WALKWAY
VT 1+702.274		2		WALKWAY
SUBTOTAL =		658		
ROUNDING =		2		
TOTAL =		660		
<b>FENCE</b>				
<b>ITEM 620.25 - WOVEN WIRE FENCE WITH STEEL POSTS</b>				
A 1+022.300	A 1+247.646	238.0		
A 1+390.178	A 1+429.394	86.6		
D 1+361.01	D 1+435.805		136.4	
VT 1+561.800	D 1+243.152		227.0	
VT 1+519.000	VT 1+523.000	4.0		
VT 1+529.000	VT 1+533.600	4.6		
POSITION TOTAL =		333.2	363.4	
SUBTOTAL =		696.6		
ROUNDING =		3.4		
TOTAL =		700		
<b>ITEM 620.30 - DRIVE GATE FOR WOVEN WIRE FENCE</b>				
				1 EACH
<b>ITEM 620.50 - REMOVING AND RESETTING FENCE</b>				
VT 1+517.900	VT 1+543.300		15.2	
VT 1+658.400	VT 1+674.500		18.6	
VT 1+679.000	VT 1+706.386		33	
DRN 60+047.7	DRN 60+047.7		6	GATE
SUBTOTAL =			73	
ROUNDING =			2	
TOTAL =			75	
<b>ITEM 620.55 - REMOVAL OF EXISTING FENCE</b>				
D 1+374.400	D 1+448.658		165.5	
NB 6+403.626	NB 6+428.025		132.8	
A 1+668.254	A 1+737.893	189.9		
VT 1+451.718	VT 1+462.735	13.9		
DR 1+002.185	DR 1+047.465	50.0		
DR 1+029.018	DR 1+032.775		19.0	
DR 1+059.000	DR 1+066.000	7.0		
VT 1+497.605	VT 1+497.906		3.6	
VT 1+518.350	VT 1+518.690		3.0	
VT 1+519.690	VT 1+533.418		14.6	
VT 1+538.373	VT 1+543.266		8	
SUBTOTAL =			607	
ROUNDING =			3	
TOTAL =			610	

GUARDRAIL		POSITION		END TREATMENT	
BEGIN STATION km + m	END STATION km + m	LEFT m	RIGHT m	BEGIN ea	END ea
<b>ITEM 621.20 - STEEL BEAM GUARDRAIL, GALVANIZED</b>					
RAMP A					
A 1+092.225	A 1+242.615	150.4			
A 1+206.220	A 1+241.571		35.4		
A 1+386.235	A 1+419.270		32.8	1	
A 1+387.964	A 1+419.270	31.0			1
RAMP D					
D 1+127.030	D 1+234.402		107.4	1	
D 1+203.030	D 1+235.595	32.6		1	
D 1+380.360	D 1+456.851		76.5		
D 1+382.000	D 1+420.873	38.9			
POSITION TOTAL =		252.9	252.1		
SUBTOTAL =		505.0			
ROUNDING =		0.0			
TOTAL =		505			
<b>ITEM 621.50 - MANUFACTURED TERMINAL SECTION, FLARED</b>					
POSITION TOTAL =		2	2		
SUBTOTAL =		4			
ROUNDING =		0			
TOTAL =		4			
<b>ITEM 621.60 - ANCHOR FOR STEEL BEAM RAIL</b>					
POSITION TOTAL =		1	1	RAMP A	
		1	1	RAMP D	
SUBTOTAL =		2	2		
ROUNDING =		0			
TOTAL =		4			
<b>RUMBLE STRIP</b>					
BEGIN STATION km + m	END STATION km + m	LEFT m	CENTER m	RIGHT M	TYPE
<b>ITEM 213.10 - MILLED RUMBLE STRIPS</b>					
NB 6+574.2	NB 6+762.0	187.8			SHLDR
NB 6+574.2	NB 8+319.0			1744.8	SHLDR
NB 6+574.2	NB 6+734.0	159.8			SHLDR
NB 6+574.2	NB 8+319.0			1744.8	CL
NB 6+855.4	NB 8+319.0	1463.6			SHLDR
NB 8+376.0	NB 8+527.0			151.0	CL
NB 8+376.0	NB 8+527.0	151.0			SHLDR
NB 8+376.0	NB 8+527.0			151.0	SHLDR
NB 8+700.0	NB 8+872.0	172.0			SHLDR
NB 8+700.0	NB 9+672.8			972.8	SHLDR
NB 8+700.0	NB 9+106.3			406.3	CL
NB 9+106.3	NB 9+292.6	186.3			SHLDR
NB 9+348.1	9+672.8	324.7			SHLDR
XO 0+861.0	XO 1+573.6			712.6	SHLDR
XO 0+861.0	XO 1+188.4	327.4			SHLDR
XO 1+243.9	XO 1+430.5	186.6			SHLDR
XO 1+430.5	XO 1+506.5			76.0	CL
POSITION TOTAL =		3159.2	2378.1	3581.2	
SUBTOTAL =		9118.5			
ROUNDING =		1.5			
TOTAL =		9120.0			

UNDERDRAIN		PIPE NO.	POSITION	DIA. mm	LENGTH m	TRENCH		GRAN BKFFILL m³	FB ea	MKR PST ea
BEGIN STATION km + m	END STATION km + m					EARTH m³	ROCK m³			
<b>ITEM 605.10 - 150 MM UNDERDRAIN PIPE</b>										
NB MAINLINE										
NB 6+445	NB 6+515	U514	RT	150	70	87			1	1
NB 6+520	NB 6+590	U517	LT	150	70	87			1	1
NB 6+520	NB 6+590	U502	RT	150	70	87			1	1
RAMP A										
A 1+400	A 1+470	U513	LT	150	70	87			1	1
A 1+469	A 1+538.4	U515	LT	150	70	87			1	1
RAMP D										
D 1+400	D 1+470	U500	RT	150	70	87			1	1
D 1+475.8	D 1+550	U501	RT	150	70	87			1	1
SUBTOTAL =					490	609				
ROUNDING =					-					
TOTAL =					490					
<b>ITEM 605.20 - 150 MM UNDERDRAIN CARRIER PIPE</b>										
10 FLUSHING BASINS										
RAMP D		C	LT/RT	150	12	15				
		CB502	RT	150	3.5	4				
		CB501	RT	150	4.2	5				
		CB500	RT	150	3.5	4				
NB MAINLINE										
		DI514	LT	150	9.2	11				
RAMP A										
		DI517	LT	150	3.5	4				
		DI513	LT	150	4.1	5				
		DI515	LT	150	4.7	6				
ROUTE 9 RETAINING WALLS										
VT 1+570	VT 1+ 579.5		RT	150	9.5	12				
VT 1+586	VT 1+591.2		RT	150	6.3	8				
VT 1+586	VT 1+595.6		RT	150	9.6	12				
SUBTOTAL =					70	87				
ROUNDING =					0					
TOTAL =					70					
<b>ITEM 605.95 - UNDERDRAIN FLUSHING BASINS</b>										
SUBTOTAL =										
ROUNDING =										
TOTAL =										
<b>ITEM 619.17 - YIELDING MARKER POSTS</b>										
UNDERDRAIN DRAINAGE										
SUBTOTAL =										
ROUNDING =										
TOTAL =										

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