

DATE _____
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CONDENSED SCHEDULE OF EARTH QUANTITIES					
	EARTH EXCAVATION (20200100)	TOPSOIL EXCAVATION AND PLACEMENT (21101505) ⁽¹⁾	FURNISHED EXCAVATION (20400800) ⁽²⁾	POROUS GRANULAR EMBANKMENT (20700220) ⁽³⁾	POROUS GRANULAR EMBANKMENT, SUBGRADE (Z0042002) ⁽⁴⁾
	(CU FT)	(CU FT)	(CU FT)	(CU FT)	(CU FT)
SUBTOTAL GRAND AVE STAGE 1	16,650	38,200	31,150	0	0
SUBTOTAL GRAND AVE STAGE 2	7,700	3,050	37,250	20,207	16,636
SUBTOTAL BIKE PATH	399,653	129,420	254,464	150,708	0
SUBTOTAL BERM	0	47,100	315,775	0	0
ASSUMED 8" THICK WORKING PLATFORM FOR THE STRUCTURE	3,557	0	0	0	3,557
UNSUITABLE SOILS - ASSUMED 10% AREA OF THE BIKE PATH	13,766	0	0	0	13,766
STRUCTURAL QUANTITY	0	0	0	27,216	0
PROJECT SUBTOTAL (CU. FT.)	441,326	217,770	638,639	198,131	33,959
PROJECT SUBTOTAL (CU. YD.)	16,346	8,066	23,653	7,339	1,258
SHRINKAGE FACTOR ADJUSTMENT (15%)	-	-	x 1.15	-	-
PROJECT TOTAL NEEDED (CU. YD.)	16,346	8,066	27,202	7,339	1,258
PROJECT TOTAL (CU. YD.)	16,346	8,066	100	7,339	1,258

- (1) ESTIMATE INCLUDES APPROXIMATELY 12 INCHES OF TOPSOIL STRIPPING.
- (2) THERE IS NO HAUL-OFF ANTICIPATED AND ALL CUT SHOULD BE WASTED ON SITE AT THE DIRECTION OF ENGINEER. APPROXIMATE FILL QUANTITIES ARE PROVIDED FOR REFERENCE ONLY. 100 CU YD OF FURNISHED EXCAVATION HAS BEEN PROVIDED AS A CONTINGENCY QUANTITY.
- (3) ESTIMATE INCLUDES PGE FROM THE TOP OF THE TUNNEL ELEVATION TO THE BOTTOM OF PGES ALONG GRAND AVENUE, AND FOR VOLUMES REFLECTING A CUT SLOPE OF 3:1 FROM THE BOTTOM OF THE FOOTING TO THE TOP OF THE TUNNEL ELEVATION.
- (4) ESTIMATE INCLUDES 12" OF PGES UNDERNEATH AGGREGATE SUBGRADE ALONG THE GRAND AVENUE.

SCHEDULE OF PAVEMENT MARKING ITEMS								
STATION	(70300100) SHORT-TERM PAVEMENT MARKING	(70300220) TEMPORARY PAVEMENT MARKING - LINE 4"	(70300520) PAVEMENT MARKING TAPE, TYPE III 4"	(70300540) PAVEMENT MARKING TAPE, TYPE III 6"	(70301000) WORK ZONE PAVEMENT MARKING REMOVAL	(78000200) THERMOPLASTIC PAVEMENT MARKING - LINE 4"	(78300100) PAVEMENT MARKING REMOVAL	
FROM TO	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(SQ FT)	(FOOT)	(FOOT)	
GRAND AVENUE								
183+80 212+60	1,152	2,209	16,807	1,341	5,603	7,100	2,367	
Subtotal:	1,152	2,209	16,807	1,341	5,603	7,100	2,367	
BIKE PATH								
66+00 74+00	0	0	0	0	0	0	0	
74+00 81+36	0	0	0	0	0	0	0	
Subtotal:	0	0	0	0	0	0	0	
PROJECT TOTAL:	1,152	2,209	16,807	1,341	5,603	7,100	2,367	

SCHEDULE OF DRAINAGE STRUCTURES											
STRUCTURE #	STATION	OFFSET	(54213669) PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	(54215543) METAL SECTIONS 8"	(54215547) METAL SECTIONS 12"	(54215559) METAL SECTIONS 24"	(54244405) FLUSH INLET BOX FOR MEDIAN, STANDARD 542546	(54247130) GRATING FOR CONCRETE FLARED END SECTION 24"	(60200805) CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	(60207605) CATCH BASINS, TYPE C, TYPE 8 GRATE	(X6023102) MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID, SPECIAL
			(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)
1	66+85.00	10.00 RT								1	
2	66+85.00	10.00 LT							1		
3	69+61.75	20.87 LT		1							
4	70+70.00	19.68 LT					1				
5	70+70.00	11.28 LT									1
6	70+70.00	19.68 RT					1				
7	72+37.83	7.75 RT									1
8	72+57.59	26.28 RT	1							1	
9	76+50.00	18.32 LT			1						
10	76+50.00	19.85 RT			1						
11	78+50.00	18.32 LT			1						
12	78+50.00	19.85 RT			1						
Temporary	201+75.94	48.89 LT	1						1		
Temporary	201+71.54	78.57 LT				1					
Temporary	194+11.15	59.22 LT				1					
Permanent	194+12.15	28.16 LT							1		
PROJECT TOTAL:			2	1	5	1	2	2	2	1	2

SCHEDULE OF REMOVAL ITEMS						
STATION	(44000100) PAVEMENT REMOVAL	(44000200) DRIVEWAY PAVEMENT REMOVAL	(44000500) COMBINATION CURB AND GUTTER REMOVAL			
FROM TO	(SQ FT)	(SQ YD)	(SQ FT)	(SQ YD)	(FOOT)	
GRAND AVENUE						
183+80 212+60	18,889	2,099	0	0	1,602	
Subtotal:		2,099		0	1,602	
BIKE PATH						
66+00 74+00	0	0	19,286	2,143	0	
74+00 81+36	0	0	0	0	0	
Subtotal:		0		2,143	0	
PROJECT TOTAL:		2,099		2,143	1,602	

SCHEDULE OF AGGREGATE QUANTITIES							
STATION	(35101800) AGGREGATE BASE COURSE, TYPE B 6"	(Z0001050) AGGREGATE SUBGRADE 12"	(XX002007) AGGREGATE BICYCLE PATH				
FROM TO	(SQ FT)	(SQ YD)	(SQ FT)	(SQ YD)	(SQ FT)	(SQ YD)	
GRAND AVENUE							
183+80 212+60	0	0	11,365	1,263	0	0	
Subtotal:		0		1,263		0	
BIKE PATH							
66+00 74+00	13,313	1,480	0	0	240	27	
74+00 81+36	10,884	1,210	0	0	0	0	
Subtotal:		2,690		0		27	
PROJECT TOTAL:		2,690		1,263		27	

SCHEDULE OF STORM SEWER PIPES							
PIPE #	(5421D012) PIPE CULVERTS, CLASS D, TYPE 1 12" (TEMPORARY)	(5421D024) PIPE CULVERTS, CLASS D, TYPE 1 24" (TEMPORARY)	(550A0050) STORM SEWERS, CLASS A, TYPE 1 12"	(550A0070) STORM SEWERS, CLASS A, TYPE 1 15"	(550A0120) STORM SEWERS, CLASS A, TYPE 1 24"	(550B0030) STORM SEWERS, CLASS B, TYPE 1 8"	(550B0050) STORM SEWERS, CLASS B, TYPE 1 12"
	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)
1			17				
2					274		
3				5			
4				27			
5					166		
6					19		
7							38
8							38
Temporary	15						
Temporary		30					
Structural					20		
PROJECT TOTAL:	15	30	17	32	185	294	76

SCHEDULE OF PAVING QUANTITIES									
STATION	(40603335) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	(40603340) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	(40701961) HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 14"	(Z0062456) TEMPORARY PAVEMENT					
FROM TO	(SQ FT)	(TON)	(SQ FT)	(SQ YD)	(SQ FT)	(SQ YD)	(SQ FT)	(SQ YD)	
GRAND AVENUE									
183+80 212+60	0	0	2,564	32	7,364	819	11,525	1,281	
Subtotal:		0		32		819		1,281	
BIKE PATH									
66+00 74+00	12,530	234	0	0	0	0	0	0	
74+00 81+36	10,063	188	0	0	0	0	0	0	
Subtotal:		422		0		0		0	
PROJECT TOTAL:		422		32		819		1,281	

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