

EARTHWORK QUANTITIES										
LOCATION (STA TO STA)	UNSUITABLE REMOVAL (CU YD)	EARTH EX. (CU YD)	EARTH EX. ADJUSTED FOR SHRINKAGE (CU YD)	STRUCTURE EXCAVATION (CU YD)	STRUCTURE EXCAVATION ADJ. FOR SHRINKAGE (CU YD)	EMBANKMENT (CU YD)	BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)	BORROW EXCAVATION (CU YD)	BORROW EXCAVATION ADJUSTED FOR SHRINKAGE (CU YD)	FURNISHED EXCAVATION REQUIRED (CU YD)
10+00 TO GRACE STREET	1054.2	178.2	151.2	230	195.5	3,680.2	-3,372.3			
GRACE STREET TO UPRR	2,101.2	2,297.6	1,953.0	856.6	728.1	13,986.7	-11,353.2			
UPRR TO ST. CHARLES ROAD	501.5	193.2	164.2	1864.0	1,584.4	3,697.0	-1,948.4			
ST. CHARLES ROAD TO 33+00	0.0	308.3	262.1	520.0	442.0	1,225.3	-521.2			
FINLEY ROAD POND	0.0							1,600	1,360	
MORRIS AVENUE POND	0.0							5,300	4,505	
TOTAL	3,656.8	2,977.3	2,530.5	3,470.6	2,950.0	21,849.4	-16,368.9	6,900	5,865	10,503.9

NOTE: SHRINKAGE FACTOR CALCULATED AS 15% FOR THE LIMITS OF THE GREAT WESTERN TRAIL

STORM SEWERS, CLASS A, TYPE 2, 12"				
PIPE #	STRUCTURE		LINEAR FEET	QUANTITY (FOOT)
	FROM	TO		
1	1	2	30	30
2	3	4	12	12
3	4	5	13	13
4	6	7	10	10
5	7	8	13	13
6	9	10	98	98
7	10	11	100	100
8	12	13	10	10
9	13	14	17	17
10	15	16	19	19
12	18	19	11	11
13	19	20	16	16
TOTAL:				349

COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12		
LOCATION STATION-STATION	LENGTH	QUANTITY (FOOT)
GRACE STREET		
201+90 TO 202+20/L	30	30
201+90 TO 202+20/R	30	30
FINLEY ROAD POND	30	30
TOTAL:		90

INLETS, TYPE A, TYPE 3 FRAME & GRATE			
STRUCTURE#	STATION	OFFSET	QUANTITY (EACH)
5	13+33.30	6.87 RT	1
8	14+77.81	6.88 RT	1
14	20+32.48	6.87 RT	1
20	25+54.03	6.87 RT	1
TOTAL:			4

CATCH BASIN, TYPE A, TYPE 1 FRAME & GRATE			
STRUCTURE#	STATION	OFFSET	QUANTITY (EACH)
9	14+10.95	134.90 LT	1
TOTAL:			1

PORTLAND CEMENT CONCRETE SIDEWALK, 4"			
LOCATION STATION-STATION	LENGTH	WIDTH	AREA (SQ FT)
GRACE STREET			
201+43 TO 202+43/L	100	5	520
201+43 TO 202+43/R	35	5	170
GRACE ST BRIDGE WEST			296
GRACE STREET BRIDGE EAST			196
ST CHARLES BRIDGE WEST			205
ST CHARLES BRIDGE EAST			99
FINLEY POND			105
TOTAL:			1591

COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24		
LOCATION STATION-STATION	LENGTH	QUANTITY (FOOT)
AT BRIDGE APPROACHES		
GRACE STREET - NE	27	27
GRACE STREET - SE	27	27
GRACE STREET - NW	27	27
GRACE STREET - SW	27	27
UP RAILROAD - NE	10	10
UP RAILROAD - NW	10	10
UP RAILROAD - SW	10	10
ST. CHARLES ROAD - NE	10	10
ST. CHARLES ROAD - SE	10	10
TOTAL:		158

INLETS, TYPE B, TYPE 3 FRAME & GRATE			
STRUCTURE#	STATION	OFFSET	QUANTITY (EACH)
4	13+32.29	6.87 LT	1
7	14+76.80	6.87 LT	1
13	20+43.71	6.88 LT	1
16	22+47.38	6.87 LT	1
19	25+63.02	6.87 LT	1
TOTAL:			5

INLETS, TYPE B, TYPE 8 FRAME & GRATE			
STRUCTURE#	STATION	OFFSET	QUANTITY (EACH)
10	15+00	95' LT	1
11	16+00	95' LT	1
TOTAL:			2