

### STORM SEWER SCHEDULE

FROM STA.	OFFSET	TO STA.	OFFSET	TRENCH BACKFILL	STORM SEW CLA 1 12	STORM SEW CLA 1 15	STORM SEW CLA 1 18	STORM SEW CLA 2 12	CONTR LOW-STRENG MATL	SS 1 WAT MN 12	SS 1 WAT MN 15	SS 2 WAT MN 12	SLOPE
				(CU YD)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(CU YD)	(FOOT)	(FOOT)	(FOOT)	
<b>LEGION STREET</b>													
<b>STORM SEWER SYSTEM 1</b>													
21+98.46	18.50' LT	21+98.46	18.50' RT	10						38			1.00%
21+98.46	20.05' RT	22+90.14	18.50' RT	26			92						1.17%
22+90.14	18.50' LT	22+90.14	18.50' RT	10							37		1.00%
22+90.14	18.50' RT	23+89.00	18.50' RT	28	99								3.00%
23+89.00	23.60' LT	23+89.00	12.00' LT	5						23			0.50%
23+89.00	12.00' LT	23+89.00	18.50' RT	8	30								1.00%
<b>STORM SEWER SYSTEM 2</b>													
27+27	11.50' LT	27+27	11.00' RT	5						22			1.00%
27+27	11.50' LT	28+45.52	11.50' LT	23	119								2.61%
28+44.97	55.32' LT	28+45.52	11.50' LT	18		44							0.45%*
28+44.97	55.32' LT	28+78.31	11.50' LT					10					
28+45.52	11.50' LT	28+45.52	11.00' RT	6						22			0.50%
28+45.52	11.00' RT	28+56.03	11.00' RT	5		11							0.98%
28+45.52	11.50' LT	28+56.03	11.50' LT	4	11								2.00%
28+56.03	11.00' RT	28+80.22	11.00' RT	5		24							1.00%
28+56.03	11.50' LT	30+00	11.50' LT	25	144								2.50%
28+80.22	11.00' RT	28+80.22	18.61' RT	2		8							1.01%
30+00	11.50' LT	30+00	11.00' RT	3						22			0.50%
<b>STORM SEWER SYSTEM 3</b>													
32+70.11	11.00' RT	33+03.52	9.59' RT	11							33		1.50%
32+70.66	11.50' LT	33+02.65	13.50' LT	26							33		1.50%
33+02.65	13.50' LT	33+25.70	14.50' LT	18							23		1.50%
33+03.52	9.59' RT	33+16.74	11.00' RT	4							13		1.50%
33+25.70	14.50' LT	33+80.00	14.50' LT	16	54								1.00%
33+80.00	14.50' LT	33+80.00	8.00' RT	6	22								1.00%
33+80.00	14.50' LT	34+35.00	14.50' LT	15	55								1.00%
34+35.00	14.50' LT	34+35.00	8.00' RT	6	22								1.00%
34+35.00	14.50' LT	34+75.00	14.50' LT	10	40								1.00%
34+75.00	14.50' LT	34+89.00	8.00' RT	7	26								1.00%
<b>STORM SEWER AT MAIN STREET</b>													
36+27.77	14.5' RT	36+49.56	34.17' LT	7	53								0.50%
<b>TOTAL</b>					<b>309</b>	<b>675</b>	<b>43</b>	<b>44</b>	<b>92</b>	<b>10</b>	<b>105</b>	<b>22</b>	<b>139</b>

\*GENERAL CONTRACTOR TO LOCATE EXISTING STORM SEWER IN FIELD AND TIE PROPOSED INTO EXISTING AT A SLOPE NOT LESS THAN 0.45%

### DRAINAGE SCHEDULE

STATION	OFFSET	MAN TA 4DIA T1F CL	MAN TA 4DIA T3F&G	INLETS TA T3F&G	INLETS TB T3F&G	INLETS TB T23F&G	MAN TA 4DIA T3VF&G	INLETS TA T3VF&G	INLETS TB T3VF&G	RIM ELEV (NOTE 1) (FOOT)	INVERT ELEV											
											N	S	E	W	NW	SW	NE	SE				
<b>LEGION STREET</b>																						
<b>STORM SEWER SYSTEM 1</b>																						
21+98.46	19.85' RT									498.74	494.38		494.74									
21+98.46	18.50' LT						1			498.78		494.76										
22+90.14	18.50' RT						1			499.85	495.46		495.46	495.46								
22+90.14	18.50' LT						1			499.85		495.83										
23+89.00	23.60' LT							1		501.49											498.85	
23+89.00	18.50' RT								1	501.91	498.43			498.43								
23+89.00	12.00' LT				1					502.01		498.73			498.73							
<b>STORM SEWER SYSTEM 2</b>																						
27+27	11.00' RT								1	506.69					503.09							
27+27	11.50' LT								1	506.68										502.87	502.87	
28+44.97	55.32' LT	1								+/-504.00			499.29'	499.29'								
28+45.52	11.00' RT						1			503.57			499.66							499.66		
28+45.52	11.50' LT						1			503.56			499.55	499.77	499.80	499.55						
28+56.03	11.00' RT							1		503.54				499.76	499.76							
28+56.03	11.50' LT								1	503.53					500.01	500.01						
30+00	11.00' RT									506.93				503.72								
30+00	11.50' LT									506.92					503.61						503.61	
28+80.22	18.61' RT	1								504.08				500.08							501.69	
28+80.22	11.00' RT									503.64					500.00						500.00	
<b>STORM SEWER SYSTEM 3</b>																						
32+70.11	11.00' RT		1							508.04											503.07	
32+70.66	11.50' LT		1							508.02											501.58	
33+02.65	13.50' LT	1								507.81					501.08	501.08						
33+03.52	9.60' RT	1								507.92					502.57	502.57						
33+16.74	11.00' RT		1							507.96					502.77							
33+25.70	14.50' LT		1							507.75					501.42	503.13						
33+80.00	8.00' RT							1		508.11				503.89								
33+80.00	14.50' LT							1		508.02					503.67	503.67	503.67					
34+35.00	8.00' RT							1		508.51				504.51								
34+35.00	14.50' LT							1		508.42					504.22	504.22	504.22					
34+75.00	14.50' LT							1		508.78			504.62		504.62							
34+89.00	8.00' RT							1		508.98				504.88								
<b>STORM SEWER AT MAIN STREET</b>																						
36+27.77	14.50' RT			1						508.77	506.53											
<b>TOTAL</b>			<b>4</b>	<b>4</b>	<b>1</b>	<b>8</b>	<b>1</b>	<b>5</b>	<b>1</b>	<b>6</b>												

**DRAINAGE STRUCTURE NOTES:**  
 1. RIM ELEVATIONS FOR STRUCTURES ALONG THE STREET ARE GIVEN AT THE EDGE OF PAVEMENT. RIM ELEVATIONS GIVEN FOR STRUCTURES IN LAWN AREAS ARE GIVEN AT THE FINISHED FRAME OR GRATE.  
 2. GENERAL CONTRACTOR TO LOCATE EXISTING STORM SEWER IN FIELD AND TIE PROPOSED INTO EXISTING AT AN INVERT NO GREATER THAN THE GIVEN INVERT.

### EARTHWORK SCHEDULE

STATION	STATION	EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
		(NOTE 2) (CU YD)	(NOTE 1) (CU YD)	(NOTE 2) (CU YD)	(NOTE 2) (CU YD)
<b>LEGION STREET</b>					
21+49.70	25+75.00	1,065	799	1	798
25+75.00	32+70.38	1,176	882	1	881
32+70.38	33+26.00	167	125		125
33+26.00	36+51.06	663	497		497
<b>TOTAL</b>		<b>3,071</b>	<b>2,303</b>	<b>2</b>	<b>2,301</b>

**EARTHWORK NOTES:**  
 1. ESTIMATED SHRINKAGE FACTOR = 25%.  
 2. EARTH EXCAVATION MAY NOT BE SUITABLE FOR USE AS EMBANKMENT AND SHALL BE REMOVED FROM THE RIGHT-OF-WAY. THE CITY RESERVES THE RIGHT TO EVALUATE EXCAVATED MATERIAL TO DETERMINE IF IT IS SUITABLE FOR EMBANKMENT (SEE SPECIAL PROVISIONS). AN APPROXIMATE EARTHWORK BALANCE AND EMBANKMENT QUANTITY IS SHOWN FOR INFORMATION ONLY.  
 3. ALL EARTH AREAS SHALL BE COVERED WITH AT LEAST 4" OF CLEAN EARTH MATERIAL. THE APPROXIMATE QUANTITY OF TOP SOIL NECESSARY TO COMPLETE THIS WORK IS INCLUDED IN THE CONTRACT.

### PAVEMENT MARKING SCHEDULE

STATION	STATION	TEMP PVT MK LINE 4	TEMP PVT MK LINE 6	TEMP PVT MK LINE 12	WORK ZONE PAVT MK REM	PAINT PVT MK LINE 4	PAINT PVT MK LINE 6	PAINT PVT MK LINE 12	PAINT CURB
		(NOTE 2) (FOOT)	(NOTE 2) (FOOT)	(NOTE 2) (FOOT)	(SQ FT)	(NOTE 1) (FOOT)	(FOOT)	(FOOT)	(FOOT)
<b>LEGION STREET</b>									
21+49.70	25+75.00	1,113	128	57	492	1,113	128	57	202
25+75.00	32+70.38	584	121	27	282	607	121	27	162
32+70.38	33+26.00		170	43	128		170	43	91
33+26.00	36+51.06	399	62	21	185	395	62	21	65
<b>TOTAL</b>		<b>2,096</b>	<b>481</b>	<b>148</b>	<b>1,087</b>	<b>2,115</b>	<b>481</b>	<b>148</b>	<b>521</b>

**PAVEMENT MARKING NOTES:**  
 1. SEE HIGHWAY STANDARD 780001 FOR PAVEMENT MARKING DETAILS.  
 2. ENGINEER WILL DETERMINE EXACT DIMENSIONS IN THE FIELD.

### CURB & GUTTER SCHEDULE

STATION	STATION	OFFSET	CURB REM	COMB CURB GUTTER REM	CURB REM (SPECIAL)	COMB CC&G TB6.18
			(FOOT)	(FOOT)	(FOOT)	(FOOT)
<b>LEGION STREET</b>						
21+49.70	25+75.00	LT		62		453
25+75.00	32+70.38	LT		408		