

PROTECTIVE COAT	
SURFACE	AREA SQ YD
COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12	538.8
COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24	137.8
TYPE B GUTTER	89.7
PORTLAND CEMENT CONCRETE PAVEMENT, 8" (JOINTED)	5432.0
PORTLAND CEMENT CONCRETE PAVEMENT, 12" (JOINTED)	1247.8
CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 12" BRIDGE APPROACH PAVEMENT (SPECIAL)	577.8
	173.0
TOTAL	8196.9
USE	8197

FENCE REMOVAL					
STATION	OFFSET	TO	STATION	OFFSET	LENGTH FOOT
E. BROADWAY ST.					
19+02.2	38.9' LT.	TO	19+57.1	39.1' LT.	58.0
TOTAL					58.0
USE					58

EARTHWORK									
1		2		3		4		5	
LOCATION		EARTH EXCAVATION		EARTH EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE		EMBANKMENT		EARTHWORK BALANCE WASTE(+) OR SHORTAGE(-)	
STATION	TO	STATION	CU YD	STATION	CU YD	STATION	CU YD	STATION	CU YD
E. BROADWAY ST.									
15+20.00	TO	16+65.75	51.4	38.5	294.0	-255.5			
23+75.00	TO	29+00.00	161.6	121.2	113.3	7.8			
SUBTOTAL			212.9			-247.6			
SHABBONA ST.									
68+37.58	TO	71+96.93	203.5	152.6	203.1	-50.5			
SUBTOTAL			203.5			-50.5			
N.W. FRONTAGE RD.									
16+39.36	TO	20+00.00	153.3	115.0	42.1	72.9			
SUBTOTAL			153.3			72.9			
S.W. FRONTAGE RD.									
16+36.93	TO	20+00.00	190.0	142.5	39.6	103.0			
SUBTOTAL			190.0			103.0			
ILLINOIS ST.									
88+12.88	TO	92+50.90	48.4	36.3	268.2	-231.9			
SUBTOTAL			48.4			-231.9			
TOTAL			808.1			-354.1			
USE			810			-355			

SHRINKAGE FACTORS: 25%

EARTH EXCAVATION:

COLUMN 1 & 4 - LOCATION AND QUANTITIES FROM CROSS SECTIONS.

CUT = EARTH EXCAVATION      FILL = EMBANKMENT

COLUMN 3 = (COLUMN 2) x (1 - EARTH EXCAVATION SHRINKAGE FACTOR)

COLUMN 5 = COLUMN 4 - COLUMN 3

PAY ITEMS:

EARTH EXCAVATION: 810 CU YDS

FURNISHED EXCAVATION: 355 CU YDS

TOPSOIL, SODDING, NUTRIENTS, TEMPORARY EROSION CONTROL SEEDING AND SUPPLEMENTAL WATERING											
STATION	TO	STATION	SIDE	TOPSOIL FURNISH AND PLACE, 6"	SODDING	AREA	NITROGEN FERTILIZER NUTRIENT	PHOSPHOROUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	TEMPORARY EROSION CONTROL SEEDING	SUPPLEMENTAL WATERING
				SQ YD		ACRE	POUND				UNIT
E. BROADWAY ST.											
15+19.4	TO	15+38.2	LT.	30.7	30.7	0.006	0.4	0.4	0.4	10.1	0.09
15+44.1	TO	15+88.2	LT.	66.7	66.7	0.014	0.9	0.9	0.9	22.1	0.20
15+93.2	TO	16+03.8	LT.	5.2	5.2	0.001	0.1	0.1	0.1	1.7	0.02
23+61.8	TO	27+64.8	LT.	679.0	679.0	0.140	8.5	8.5	8.5	224.5	2.04
27+87.8	TO	28+09.1	LT.	21.8	21.8	0.005	0.3	0.3	0.3	7.2	0.07
28+09.1	TO	29+00.7	LT.	169.6	169.6	0.035	2.2	2.2	2.2	56.1	0.51
15+19.4	TO	15+88.6	RT.	125.5	125.5	0.026	1.6	1.6	1.6	41.5	0.38
15+93.5	TO	16+02.7	RT.	6.1	6.1	0.001	0.1	0.1	0.1	2.0	0.02
23+61.8	TO	27+62.9	RT.	682.4	682.4	0.141	8.5	8.5	8.5	225.6	2.05
27+85.7	TO	28+59.5	RT.	233.5	233.5	0.048	2.9	2.9	2.9	77.2	0.70
28+71.2	TO	29+00.7	RT.	54.9	54.9	0.011	0.7	0.7	0.7	18.1	0.16
SHABBONA ST.											
68+37.2	TO	69+62.1	LT.	249.2	249.2	0.051	3.1	3.1	3.1	82.4	0.75
70+36.2	TO	71+75.5	LT.	303.0	303.0	0.063	3.8	3.8	3.8	100.2	0.91
71+87.1	TO	71+96.9	LT.	4.0	4.0	0.001	0.1	0.1	0.1	1.3	0.01
68+37.3	TO	68+47.6	RT.	5.6	5.6	0.001	0.1	0.1	0.1	1.9	0.02
68+67.0	TO	69+44.9	RT.	134.4	134.4	0.028	1.7	1.7	1.7	44.4	0.40
70+61.8	TO	71+42.0	RT.	127.5	127.5	0.026	1.6	1.6	1.6	42.1	0.38
71+54.0	TO	71+97.3	RT.	85.9	85.9	0.018	1.1	1.1	1.1	28.4	0.26
N.W. FRONTAGE RD.											
16+63.1	TO	17+35.9	LT.	30.7	30.7	0.006	0.4	0.4	0.4	10.1	0.09
17+40.7	TO	17+59.9	LT.	2.8	2.8	0.001	0.1	0.1	0.1	0.9	0.01
17+74.9	TO	18+47.1	LT.	7.4	7.4	0.002	0.1	0.1	0.1	2.4	0.02
18+50.0	TO	18+81.1	LT.	3.3	3.3	0.001	0.1	0.1	0.1	1.1	0.01
19+00.3	TO	19+38.1	LT.	4.3	4.3	0.001	0.1	0.1	0.1	1.4	0.01
19+48.3	TO	19+57.2	LT.	0.7	0.7	0.000	0.1	0.1	0.1	0.2	0.00
16+95.3	TO	19+74.8	LT.	1.3	1.3	0.000	0.1	0.1	0.1	0.4	0.00
S.W. FRONTAGE RD.											
16+62.6	TO	17+32.5	RT.	17.4	17.4	0.004	0.3	0.3	0.3	5.8	0.05
17+37.2	TO	17+56.4	RT.	8.9	8.9	0.002	0.2	0.2	0.2	2.9	0.03
17+65.1	TO	18+05.2	RT.	18.7	18.7	0.004	0.3	0.3	0.3	6.2	0.06
18+26.0	TO	18+95.7	RT.	21.4	21.4	0.004	0.3	0.3	0.3	7.1	0.06
19+06.0	TO	19+35.3	RT.	10.9	10.9	0.002	0.2	0.2	0.2	3.6	0.03
19+38.5	TO	19+68.6	RT.	11.5	11.5	0.002	0.2	0.2	0.2	3.8	0.03
19+73.8	TO	19+89.1	RT.	12.6	12.6	0.003	0.2	0.2	0.2	4.2	0.04
ILLINOIS ST.											
88+12.3	TO	88+22.9	LT.	8.8	8.8	0.002	0.2	0.2	0.2	2.9	0.03
88+46.9	TO	89+35.1	LT.	238.2	238.2	0.049	3	3.0	3	78.8	0.71
90+46.9	TO	91+12.0	LT.	66.6	66.6	0.014	0.9	0.9	0.9	22.0	0.20
92+00.8	TO	92+51.4	LT.	89.9	89.9	0.019	1.2	1.2	1.2	29.7	0.27
88+12.5	TO	89+76.1	RT.	128.2	128.2	0.026	1.6	1.6	1.6	42.4	0.38
TOTAL				3668.5	3668.5		47.3	47.3	47.3	1212.7	11.0
USE				3669	3669		48	48	48	1213	11

SIXTEEN APPLICATIONS HAS BEEN ASSUMED FOR TEMPORARY SEEDING.  
ONE APPLICATION HAS BEEN ASSUMED FOR SUPPLEMENTAL WATERING.

TREE REMOVAL		
STATION	OFFSET	(OVER 15 UNITS DIAMETER) UNIT
E. BROADWAY ST.		
17+12.15	45.4' RT.	39.0
TOTAL		39.0
USE		39

PIPE DRAINS, 6"					
STATION	OFFSET	TO	STATION	OFFSET	FOOT
E. BROADWAY ST.					
19+75.00	C.L.	TO	19+75.00	56.54 RT.	55.0
24+00.00	C.L.	TO	24+00.00	32.00 RT.	30.0
TOTAL					85.0
USE					85