

EARTHWORK SCHEDULE

Shrinkage Factor = 0.25

STAGE	LOCATION		EARTH EXCAVATION 20200100	EARTH EXCAVATION Adjusted for Shrinkage	EMBANKMENT	EARTH BALANCE		DISPOSITION
	STATION	TO STATION				SHORT (--) LONG (+)		
Hwy 5 / Blackhawk Road								
I	76+50	115+50	2364	1773	1311	(+) 462		USE IN STG II
IIA	76+50	85+00	3908	2931	189	(+) 2742		USE IN STG II
IIB/II	75+60	116+00	5593	4195	8308	(--) 4113		FROM STG I AND IIA
IIIA	75+60	91+50	884	663	0	(+) 663		WASTE
IIIB/III	83+50	116+00	17103	12827	967	(+) 11860		WASTE
IV	90+00	116+00	1731	1298	0	(+) 1298		WASTE
	BIT DRIVE REMOVAL		388	291		(+) 291		WASTE
Indian Hill Road								
IIA	10+75	14+00	1385	1039	17	(+) 1022		USE IN STG II
30 th Street								
I	298+10	299+18	14	11	3	(+) 8		USE IN STG II
I	300+75	304+50	680	510	61	(+) 449		USE IN STG II
II	298+10	299+18	19	14	53	(--) 39		FROM STG I
II	298+10	299+18	18	14	162	(--) 148		FROM STG I
III	300+75	302+00	178	134	0	(+) 134		WASTE
III	300+75	302+00	137	103	20	(+) 83		WASTE
34 th Street								
II	18+23	19+66	21	16	181	(-) 165		FROM 30TH ST
TOTAL (cubic yards)			34,423	25,819	11,272	(+) 14,547		

20100210 TREE REMOVAL (OVER 15 UNITS DIAMETER)			
STATION	OFFSET	SIDE	DIAMETER INCH
F.A. 595			
85+20.4	46.4	LT	36
86+76.4	49.8	LT	32
92+94.7	65.8	LT	24
94+83.4	31.4	RT	24
99+07.2	71.1	LT	42
99+75.9	75.9	LT	33
101+19.9	45.6	LT	23
101+40.0	93.8	LT	24
101+65.0	46.5	LT	32
102+06.2	45.4	LT	30
102+11.4	76.5	LT	27
102+36.7	61.0	LT	22
104+64.3	51.2	RT	16
104+91.4	45.1	RT	23
105+21.4	49.1	RT	22
106+29.0	25.7	RT	18
106+51.3	27.0	RT	16
110+57.7	46.9	LT	36
110+96.1	56.0	LT	18
111+06.0	54.9	LT	20
111+10.6	65.4	LT	19
111+11.1	63.3	LT	19
114+90.7	48.5	RT	19
TOTAL			575

SCHEDULE OF QUANTITIES

20100110 TREE REMOVAL 6 TO 15 UNITS DIA.			
STATION	OFFSET	SIDE	DIAMETER INCH
F.A. 595			
88+35.3	122.2	LT	9
92+96.4	66.6	LT	8
101+73.6	90.0	LT	8
106+02.4	60.7	RT	12
106+26.5	25.8	RT	10
106+26.5	27.0	RT	12
108+69.8	66.4	RT	6
108+70.4	72.9	RT	8
109+73.6	113.0	RT	10
111+12.1	69.3	LT	12
111+92.1	31.1	RT	12
113+00.7	34.3	RT	9
113+21.8	32.2	RT	10
34TH STREET			
18+83.1	12.4	LT	10
TOTAL			136

20100500 TREE REMOVAL, ACRES			
STATION	TO STATION	ACRES	
F.A. 595			
LEFT	76+45	80+00	0.25
RIGHT	79+30	81+00	0.25
LEFT	82+32	84+71 AND 92+86	0.25
LEFT	105+10	110+00	0.50
LEFT	111+12	113+00	0.25
INDIAN HILL ROAD			
LT AND RT	11+00	14+00	0.25
30TH STREET			
LEFT	301+00	304+16	0.25
TOTAL			2.00

BITUMINOUS PAVEMENT SCHEDULE

BITUMINOUS PAVEMENT, AGGREGATE BASE AND GEOTECHNICAL FABRIC FOR GROUND STABILIZATION

	LENGTH FT	WIDTH FT	AREA SQ FT	MATERIALS								
				X0712400	#2001376	#2001368	31100100	21001000	40600200	X4066414	35500100	
				TEMPORARY PAVEMENT	P BC PVT FD SUP 9.5	P BC PVT FD SUP 13	SUB GRAN MAT A	GEOTECH FAB F/GR STAB	BIT MATLS PR CT	BIT CON SC SUP "C" N50	BIT BASE CSE 4	
FA 595												
STG I	RIGHT	76+40 TO 84+70	830	11 & VARY	7940		882					
STG I	LEFT	84+50 TO 95+49	1099	11 & VARY	11200		1244					
STG I	LEFT	99+29 TO 115+42	1611.42	11 & VARY	14555		1617					
STG IIA	LEFT	76+89 TO 82+80	590.67	24	14176			1575	1711	1876		
STG IIA	LEFT	82+80 TO 84+50	170	18 & VARY	2550		283					
STG IIB/II	RIGHT	75+61 TO 86+07	1046.05	12	12553			1395	1758	1927		
STG II	RIGHT	86+07 TO 91+47	540	18	9720			1080	1236	1355		
STG II	RIGHT	91+47 TO 112+54	2107.4	24	50578			5620	6104	6693		
STG II	RIGHT	112+56 TO 116+00	344.04	24	8257			917	996	1093		
STG II	RIGHT	92+81 TO 94+37	156	6	936			104	167	183		
STG II	RIGHT	94+37 TO 94+98	61.24	12	735			82	74	82		
STG II	MEDIAN	86+50 TO 93+00	650	7	4550		506					
STG IIIA	MEDIAN	75+61 TO 76+89	128.4	26	3338				371	319	350	
STG IIIA	MEDIAN	76+89 TO 86+50	960.67	14	13449				1494	1217	1334	
STG IIIB/III	LEFT	82+80 TO 86+50	370	24	8880				987	959	1052	
STG IIIB/III	LEFT	86+50 TO 90+00	350	24	8400				933	1014	1112	
STG IIIB/III	LEFT	90+00 TO 112+54	2254.38	24	54105				6012	6530	7160	
STG IIIB/III	LEFT	112+56 TO 116+00	344.04	24	8257				917	996	1093	
STG III	LEFT	97+07 TO 98+92	185	12	2220				247	225	247	
STG III	LEFT	98+92 TO 100+92	200	6	1200				133	122	133	
STG IV	MEDIAN	86+50 TO 112+54	2604.38	14	36461				4051	2903	3183	
STG IV	MEDIAN	112+56 TO 116+00	344.04	14	4817				535	383	420	
30TH STREET												
STG I	LEFT	298+10 TO 299+52	142	VARY	808		90					
STG I	LEFT	300+55 TO 301+79	124.3	VARY	1240		138					
STG I	LEFT	FILL IN NW CORNER ISLAND		VARY	183		20					
STG I	RIGHT	FILL IN NE CORNER ISLAND		VARY	441		49					
STG I	LEFT	301+79 TO 303+59	179.9	12 & VARY	1792			199	119	261		
STG II-PH I	RIGHT	298+10 TO 299+68	158.34	VARY	3275			364	191	418		
STG II-PH I	RIGHT	298+10 TO 299+50	140	VARY			103					
STG II-PH II	LEFT	298+10 TO 299+68	158.34	VARY	5375			597	297	651		
STG III-PH I	RIGHT	300+32 TO 301+79	164.45	VARY	5138			571	286	627		
STG III-PH II	LEFT	300+32 TO 301+79	164.45	VARY	5486			610	304	666		
34TH STREET												
STG II		18+22 TO 19+69	146.97	20 & VARY	3227				209	0.5	60	
INDIAN HILL ROAD												
STG IIB		10+32 TO 13+97	365.12	20 & VARY	8031				518	1.3	150	
TOTAL					4,932	2,341	26,453	28,638	31,916 *	1.8	210	359

* AREAS INCLUDE EXTENSION OF GEOTECH FAB F/GR STAB BEYOND CURB & GUTTER AND EACH SIDE OF MEDIAN.

20800150 TRENCH BACKFILL						
STATION	SIDE	TO STATION	SIDE	TRENCH TYPE	CUBIC YARD	
F.A. 595						
77+00	LT	TO	82+35	RT	REM STM S	80.5
77+35	LT	TO	77+50	LT	STM S	4.1
77+50	LT	TO	77+50	RT	STM S	6.5
77+50	LT	TO	78+75	LT	STM S	41.8
78+75	LT	TO	78+75	RT	STM S	7.7
78+75	LT	TO	80+20	LT	STM S	48.9
80+20	LT	TO	80+20	RT	STM S	6
80+20	LT	TO	81+55	LT	STM S	42.7
81+55	LT	TO	81+55	RT	STM S	4.8
81+55	LT	TO	82+38	LT	STM S	23.8
82+38	LT	TO	82+58	LT	STM S	3.5
82+58	LT	TO	82+38	RT	STM S	4
82+58	LT	TO	83+10	LT	STM S	16.8
83+10	LT	TO	83+10	RT	STM S	4.2
85+20	LT	TO	85+20	RT	STM S	6
85+20	RT	TO	86+85	RT	STM S	52.6
86+70	LT	TO	86+85	RT	STM S	4.6
86+85	RT	TO	87+85	RT	STM S	30.1
87+85	RT	TO	89+70	RT	STM S	57.3
88+00	LT	TO	87+85	RT	STM S	4.8
88+18	LT	TO	88+32	LT	ENT CULVERT	0.8
89+70	LT	TO	89+70	RT	STM S	5.5
89+70	RT	TO	91+40	RT	STM S	54.9
91+40	LT	TO	91+40	RT	STM S	5.2
91+40	RT	TO	93+20	RT	STM S	60.4
93+20	RT	TO	93+44	RT	STM S	19.2
93+47	RT	TO	93+55	LT	AR CULVERT	125
94+51	LT	TO	94+51	LT	REM EX STR	67.4
94+81	LT	TO	95+57	LT	STMS	18.5
95+40	RT	TO	96+11	RT	STM S	27
96+97	LT	TO	97+88	LT	STMS	9.9
97+35	LT	TO	98+80	LT	STMS	21.2
98+80	LT	TO	100+20	LT	STMS	22
100+44	LT	TO	100+72	LT	REM EX STR	78.9
100+95	LT	TO	101+23	LT	ENT CULVERT	2.3
101+50	RT	TO	101+50	LT	AR CULVERT	14.4
103+70	LT	TO	103+70	RT	STM S	15.7
103+70	RT	TO	104+22	RT	STM S	22.8

20800150 TRENCH BACKFILL						
STATION	SIDE	TO STATION	SIDE	TRENCH TYPE	CUBIC YARD	
F.A. 595						
103+90	RT	TO	104+45	LT	REM EX STR	80.9
104+13	LT	TO	104+29	LT	ENT CULVERT	0.8
104+22	RT	TO	104+22	RT	STM S	0.7
104+22	RT	TO	104+75	RT	STM S	19
104+75	RT	TO	106+40	RT	STM S	58.9
106+20	LT	TO	106+40	RT	STM S	4