

EXCAVATION COMMON AND EXCAVATION ROCK

205.0100 EXCAVATION COMMON				205.0200 EXCAVATION ROCK				ROCK EXCAVATION AVAILABLE FOR FILL (UNEXPANDED VOLUME)		ROCK EXCAVATION AVAILABLE FOR FILL (EXPANDED VOLUME)		FILL (EXPANDED)	
STATION - STATION	EXCAVATION COMMON	COMMON SALVAGED ASPHALT	EBS (PAID AS COMMON)	EXCAVATION ROCK	6" UNDERCUT ROCK FOR SUBGRADE	12" UNDERCUT ROCK FOR DITCHES	4' X 4' TRENCH ROCK EXC FOR BEAM GUARD						
(A)	CY	CY	CY	CY	CY	CY	CY	CY	CY	CY	CY	CY	CY
102+04 - 119+50	3,695	505	-	-	-	-	-	-	-	-	340	425	
10+16'WRR- 10+70'WRR'	50	13	-	-	-	-	-	-	-	-	0	0	
9+40'NRR- 9+84'NRR'	50	8	-	-	-	-	-	-	-	-	0	0	
10+16'MAD- 12+35'MAD'	550	78	-	-	-	-	-	-	-	-	0	0	
8+70'MON- 9+84'MON'	200	38	-	-	-	-	-	-	-	-	0	0	
8+70'BEN- 9+84'BEN'	100	25	-	-	-	-	-	-	-	-	0	0	
10+16'HOL- 10+85'HOL'	50	17	-	-	-	-	-	-	-	-	0	0	
8+82'QUA- 9+80'QUA'	200	40	-	-	-	-	-	-	-	-	0	0	
8+50'EXC- 9+83'EXC'	375	3	-	-	-	-	-	-	-	-	0	0	
10+17'CHI- 12+50'CHI'	125	94	-	-	-	-	-	-	-	-	460	575	
7+82 'BEL- 9+83'BEL'	670	53	-	-	-	-	-	-	-	-	0	0	
119+50 - 165+50	28,640	1,360	-	5,135	402	175	0	5,712	6,340	5,350	6,688		
165+50 - 244+00	34,071	3,529	11,630	0	0	0	143	143	159	6,780	8,475		
264+00 - 292+00	14,372	1,728	3,704	2,500	60	0	267	2,827	3,138	3,450	4,313		
SUB-TOTAL	83,149	7,492	15,333	7,635	462	175	410	8,682	9,637	16,380	20,475		
TOTAL		105,974											

For hauling purposes, the entire project is to be considered one balance.

Column B = Estimated volume of common to be excavated, NOT including asphalt (Column C) or excavation below subgrade (Column D).

Column C = Estimated in place volume of asphalt which will be salvaged. The asphalt thickness on all sideroads is unknown.
For these calculations, it was estimated that each sideroad is paved with 4 inches of asphalt.

Column D = (40 ft wide * 1 ft thick * length of segment in feet)/27 = Estimated volume of excavation below subgrade which will be paid as common.

Column E = Estimated unexpanded rock excavation above subgrade - does NOT include quantities from Columns F, G and H.

Column F = Estimated unexpanded rock excavation that will need to be done to get a 6-inch undercut below subgrade.

Column G = Estimated unexpanded rock excavation that will need to be done to get a 12-inch undercut below the new ditchlines.

Column H = Estimated unexpanded rock excavation that will need to be done to install beamguard.

Column I = Column E & Column F & Column G & Column H = Estimated unexpanded volume of rock excavation.

Column J = Column I * 1.1 expansion factor = Expanded volume of rock available for use in fill areas.

Column K = Estimated unexpanded volume of fill necessary for construction.

Column L = Column K * 1.25 = Estimated expanded volume of fill necessary for construction

** The asphalt thickness and base thickness on all sideroads are unknown. It is conservatively assumed that none of this common excavation quantity will be usable as fill material.
Some common excavation material (existing base or suitable subgrade material) might be usable for fill areas.

CLEARING AND GRUBBING

		201.0105		201.0205
STATION - STATION		STA.	STA.	
102+00 - 103+00	LT	1	1	
111+00 - 112+00	LT	1	1	
132+00 - 135+00	RT	3	3	
139+00 - 140+00	RT	1	1	
144+00 - 145+00	LT	1	1	
215+00 - 217+00	LT	2	2	
228+00 - 245+00	LT	17	17	
270+00 - 275+00	LT	5	5	
TOTAL		31	31	

REMOVING SMALL PIPE CULVERTS

		203.0100	
STATION	DESCRIPTION	EACH	
102+50 RT	12" RCCP	1	
104+59 RT	24" RCCP	1	
108+70 LT	12" CSCP	1	
113+02 LT	12" CSCP	1	
114+83 RT	18" CSCP	1	
116+93 LT	15" CSCP	1	
117+89 RT	12" CSCP	1	
118+41 LT	12" CSCP	1	
118+82 LT	12" CSCP	1	
137+38 P.E.RT	18" CSCP	1	
137+41 P.E.LT	24" CSCP	1	
139+27 P.E.LT	24" CSCP	1	
150+37 P.E.RT	18" CSCP	1	
157+80 CL	30" CSCP	1	
165+43 P.E.RT	18" CSCP	1	
167+77 CL	48" CSCP	1	
169+80 P.E.LT	18" CSCP	1	
178+69 LT	18" CSCP	1	
179+43 P.E.LT	18" CSCP	1	
189+33 P.E.LT	18" CSCP	1	
190+65 P.E.RT	18" CSCP	1	
191+80 CL	60" CSCP	1	
193+21 P.E.LT	18" CSCP	1	
199+85 CL	24" CSCP	1	
206+50 P.E.RT	18" CSCP	1	
213+00 P.E.RT	18" CSCP	1	
214+15 CL	48" CSCP	1	
215+12 RT	18" CSCP	1	
215+29 P.E.LT	18" CSCP	1	
281+78 CL	36" CSCP	1	
9+82' BEL' RT	15" CSCP	1	
TOTAL		31	

REMOVING OLD STRUCTURE

		203.0200	
STATION	DESCRIPTION	EACH	
191+80 CL	5' x 5' RCBC	1	
TOTAL		1	

REMOVING CURB & GUTTER

		204.0150	
STATION - STATION	LOCATION	LF	
119+84 - 120+73	NW RADIUS	106	
121+05 - 121+95	NE RADIUS	109	
119+82 - 121+87	RT EDGE	204	
TOTAL		419	

REMOVING CONCRETE SIDEWALK

		204.0155	
STATION - STATION	LOCATION	SY	
101+90 - 102+15	RT MAINLINE	15	
102+45 - 102+55	RT MAINLINE	6	
102+95 - 103+20	RT MAINLINE	14	
103+50 - 103+75	RT MAINLINE	14	
109+97 - 110+22	RT MAINLINE	14	
10+31 - 10+50	RT MADISON ST	8	
110+54 - 110+79	RT MAINLINE	11	
110+00 - 111+00	LT MAINLINE	44	
112+65 - 112+85	LT MAINLINE	9	
8+80 - 9+65	RT MONTGOMERY ST	36	
111+62 - 112+00	RT MAINLINE	17	
112+00 - 113+50	RT MAINLINE	75	
115+00 - 116+46	RT MAINLINE	65	
117+76 - 119+50	RT MAINLINE	77	
120+45 - 121+50	RT MAINLINE	47	
TOTAL		463	

REMOVING WEIGH SCALE

		204.9060.S
STATION	DESCRIPTION	EACH
105+21 RT	Existing Weigh Scale	1
TOTAL		1

EXCAVATION FOR STRUCTURES
RETAINING WALLS

STRUCTURE	APPROX. QUANTITY
NUMBER	CY
R 56-15	100
R 56-16	75
R 56-17	75

For information only. Payment for excavation is included in the 'Wall Modular Block Gravity' item.

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BASE AGGREGATE DENSE 1 1/4", SALVAGED ASPHALTIC PAVEMENT BASE
AND SELECT CRUSHED MATERIAL

STATION - STATION	305.0110	305.012	301.0100.S	624.0100	306.0110	312.0110	490.0100
	BASE AGG.	BASE AGG.	OMP	WATER	SALVAGED ASPHALTIC	SELECT CRUSHED	SALVAGED ASPHALTIC
	DENSE 3/4"	DENSE 1 1/4"	BASE AGG.	MGAL	PAVEMENT BASE	MATERIAL	PAVEMENT
	TON	TON	TON		TON	TON	SY
102+04- 119+25	15	4,696	4,710	19	1,010	-	4,589
10+16'WRR- 10+70'WRR'	-	91	91	1	29	-	132
9+40'NRR- 9+84'NRR'	-	47	47	1	17	-	75
10+16'MAD- 12+35'MAD'	-	450	450	2	155	-	706
8+70'MON- 9+84'MON'	-	240	240	1	75	-	342
8+70'BEN- 9+84'BEN'	-	147	147	1	51	-	231
10+16'HOL- 10+85'HOL'	-	184	184	1	35	-	158
8+82'QUA- 9+80'QUA'	-	240	240	1	80	-	363
8+50'EXC- 9+83'EXC'	-	250	250	1	70	-	318
10+17'CHI- 12+50'CHI'	-	348	348	1	189	-	858
7+82'BEL- 9+83'BEL'	-	311	311	1	106	-	480
119+25- 122+00	-	750	750	3	161	-	733
122+00- 139+00	200	4,242	4,442	17	997	-	4,533
139+00 - 165+60	311	6,637	6,948	27	1,561	-	7,093
165+60 - 244+00	997	17,074	18,071	68	6,969	23,230	20,907
267+00 - 292+91.5	239	4,013	4,253	16	3,855	6,516	7,709
Dust Control - Undistributed				200			
TOTAL	1,762	39,721	41,483	360	15,358	29,745	49,227

CONCRETE PAVEMENT APPROACH SLAB HES

STATION	416.0055
	SY
100+50	14
102+04	14
TOTAL	28

CONCRETE DRIVEWAY 6-INCH

STATION	DESCRIPTION	416.0160
		SY
104+78 LT	REPLACE APRON ONLY	22
105+20 LT	REPLACE APRON ONLY	15
106+46 RT	REPLACE APRON ONLY	66
107+15 RT	REPLACE APRON ONLY	13
108+57 RT	SHARED APRON - RPLC APRON ONLY	32
109+38 LT	REPLACE APRON ONLY	23
110+30 LT	REPLACE APRON ONLY	7
110+80 LT	REPLACE APRON ONLY	9
111+30 LT	REPLACE APRON ONLY	9
111+37 RT	REPLACE APRON ONLY	17
111+68 LT	REPLACE APRON ONLY	16
113+06 RT	SHARED APRON - RPLC APRON ONLY	26
9+18'MON' LT	REPLACE APRON AND DRIVE	47
114+85 RT	REPLACE APRON ONLY	14
116+55 RT	REPLACE APRON ONLY	8
118+60 RT	REPLACE APRON ONLY	6
120+06 RT	REPLACE APRON ONLY	15
120+68 RT	REPLACE APRON ONLY	12
121+38 RT	REPLACE APRON ONLY	16
TOTAL		372

CONCRETE SURFACE DRAINS

STATION	DESCRIPTION	416.1010
		CY
113+30 LT	CURB CUT TO DITCH	1
125+50 LT	AT END OF 36" CURB TO DITCH	1
213+80 RT	CURB CUT TO DITCH	2
276+50 LT	AT END OF 36" CURB TO DITCH	4
290+58 LT	CURB CUT TO DITCH	2
TOTAL		9

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WARRANTED HMA PAVEMENT

STATION - STATION		LOCATION	460.1905.S WARRANTED HMA PAVEMENT MAINLINE TONS	460.1955.S WARRANTED HMA PAVEMENT ANCILLARY TONS
102+05 - 102+39	102+39	TAPER FROM CONCRETE APPROACH TO 16' LANE	-	15
102+39 - 103+82	103+82	16' LANES MAINLINE PVMT	-	140
10+16'WRR- 10+70'WRR'	10+70'WRR'	WEST RAILROAD ST	-	47
9+40'NRR- 9+84'NRR'	9+84'NRR'	NORTH RAILROAD ST	-	35
104+23 - 110+37	110+37	16' LANES MAINLINE PVMT	-	600
10+16'MAD- 12+35'MAD'	12+35'MAD'	MADISON ST	-	211
110+37- 113+02	113+02	16' LANES MAINLINE PVMT	-	259
8+70'MON- 9+84'MON'	9+84'MON'	MONTGOMERY ST	-	114
113+02 - 117+55	117+55	16' LANES MAINLINE PVMT	-	443
8+70'BEN- 9+84'BEN'	9+84'BEN'	BENDER ST	-	104
10+16'HOL- 10+85'HOL'	10+85'HOL'	HOLTZ ST	-	57
117+55 - 119+25	119+25	16' LANES MAINLINE PVMT	-	166
119+25 - 119+75	119+75	TAPER SECTION ON MAINLINE PVMT	-	53
8+82'QUA- 9+80'QUA'	9+80'QUA'	QUARRY RD	-	113
119+75 - 122+00	122+00	20' LT LANE / 18' RT LANE MAINLINE PVMT	-	261
122+82		DRIVEWAY RT	-	3
122+00 - 125+70	125+70	18' LT LANE / 17' RT LANE MAINLINE PVMT	396	-
126+77		FIELD ENTRANCE APRON RT	-	3
129+20		FIELD ENTRANCE APRON LT	-	4
132+10		FIELD ENTRANCE APRON RT	-	3
137+40		ASPHALTIC PAVED DRIVEWAY AND APRON LT	-	3
137+40		FIELD ENTRANCE RT	-	3
139+25		FIELD ENTRANCE APRON LT	-	4
141+00		FIELD ENTRANCE APRON LT	-	4
145+00		ASPHALTIC PAVED DRIVEWAY AND APRON LT	-	7
146+12		FIELD ENTRANCE APRON LT	-	3
150+37		ASPHALTIC PAVED DRIVEWAY AND APRON RT	-	8
152+62		DRIVEWAY RT	-	2
158+67		FIELD ENTRANCE APRON RT	-	3
165+45		DRIVEWAY RT	-	3

WARRANTED HMA PAVEMENT

STATION - STATION		LOCATION	460.1905.S WARRANTED HMA PAVEMENT MAINLINE TONS	460.1955.S WARRANTED HMA PAVEMENT ANCILLARY TONS
169+80		DRIVEWAY LT	-	3
178+71		ASPHALTIC PAVED DRIVEWAY WITH CURB LT	-	4
179+33		SHARED FIELD ENTRANCE APRON RT	-	5
179+43		FIELD ENTRANCE APRON LT	-	3
189+33		DRIVEWAY APRON LT	-	3
190+65		DRIVEWAY APRON RT	-	3
193+21		ASPHALTIC PAVED DRIVEWAY AND APRON LT	-	10
196+60		COMMERCIAL DRIVEWAY RT	-	4
198+86		COMMERCIAL DRIVEWAY RT	-	4
125+70 - 206+92	206+92	17' LANES MAINLINE PVMT	8438	-
9+30 'EXC'		FIELD ENTRANCE ON EXCELSIOR DR RT	-	2
8+50'EXC- 9+83'EXC'	9+83'EXC'	EXCELSIOR DR	-	185
213+00		DRIVEWAY APRON WITH CURB RT	-	1
215+13		ASPHALTIC DRIVEWAY WITH CURB RT	-	5
217+83		FIELD ENTRANCE APRON RT	-	3
223+27		FIELD ENTRANCE APRON LT	-	3
206+92 - 225+98	225+98	17' LANES MAINLINE PVMT	1980	-
10+17'CHF- 12+50'CHI'	12+50'CHI'	CTH I	-	253
230+75		DRIVEWAY APRON RT	-	4
225+98 - 245+00	245+00	17' LANES MAINLINE PVMT	1976	-
7+82 'BEL- 9+83'BEL'	9+83'BEL'	BELTER DRIVE	-	171
267+00 - 292+92	292+92	17' LANES MAINLINE PVMT	2693	-
TOTAL			15482	3340

ASPHALTIC FLUMES

			465.0315
STATION	DESCRIPTION	SY	
102+60	LT	END OF CURB	9
104+30	LT	END OF CURB	5
12+35'MAD'	LT & RT	ENDS OF CURB	12
10+57'HOL'	LT	END OF CURB	7
10+75'HOL'	RT	END OF CURB	7
122+00	RT	END OF CURB	7
139+00	LT	END OF CURB	7
150+15	RT	END OF CURB	7
153+00	RT	END OF CURB	7
178+80	LT	END OF CURB	7
229+25	RT	END OF CURB	7
TOTAL			81

WALL MODULAR BLOCK GRAVITY

			532.0200.S
STRUCTURE NUMBER	STATION - STATION	SF	
R-56-15	8+70- 9+70	LT	337
R-56-16	117+80- 118+60	LT	272
R-56-17	229+50- 230+60	RT	376
TOTAL			985

CONCRETE CURB & GUTTER

			601.0411	601.0554	
			Concrete C&G	Concrete C&G	
			30" Type-D	4" Mountable 36" Type-D	
STATION	STATION		DESCRIPTION	L.F.	L.F.
101+89	103+32	RT	BRIDGE TO WEST RR ST	168	-
103+55	- 104+02	RT	WEST RR ST TO RR TRACKS	73	-
104+23	- 109+97	RT	RR TRACKS TO RADIUS PT OF MADISON ST	574	-
109+97	- 12+25 'MAD'	RT	RADIUS PT OF MADISON ST TO END OF CURB	227	-
104+32	- 111+29	LT	RADIUS ON N RR ST TO PC ON MAINLINE	706	-
111+29	112+33	LT	PC ON MAINLINE TO PT ON MAINLINE	113	-
112+33	112+60	LT	PT ON MAINLINE TO RADIUS PT FOR MONTGOMERY ST	26	-
112+60	LT- 8+80 'MON' RT		RADIUS PT FOR MONTGOMERY ST TO END OF CURB	108	-
8+80'MON'	113+55	LT	END OF CURB TO RADIUS PT FOR MONTGOMERY ST	130	-
113+55	116+37	LT	RADIUS PT FOR MON ST TO RADIUS PT FOR BENDER ST	282	-
116+37	LT- 9+30 'BEN' RT		RADIUS PT FOR BEN ST TO END OF CURB	59	-
9+30 'BEN' LT-	117+29	LT	END OF CURB TO RADIUS PT FOR BENDER ST	69	-
117+29	120+47	LT	RADIUS PT FOR BENDER ST TO RADIUS PT FOR QUARRY RD	315	-
120+47	LT- 8+92 'QUA' RT		RADIUS PT FOR QUARRY RD TO END OF CURB	97	-
8+92 'QUA' LT-	121+30	LT	END OF CURB TO RADIUS PT FOR QUARRY RD	101	-
121+30	122+00	LT	RADIUS PT FOR QUARRY RD TO END OF 30-INCH CURB	70	-
12+00 'MAD' LT-	110+78	RT	END OF CURB TO RADIUS PT FOR MADISON ST	195	-
110+78	111+29	RT	RADIUS PT FOR MADISON ST TO PC ON MAINLINE	51	-
111+29	112+33	RT	PC ON MAINLINE TO PT ON MAINLINE	97	-
112+33	117+23	RT	PT ON MAINLINE TO RADIUS PT FOR HOLTZ ST	491	-
117+23	- 10+75 'HOL'	RT	RADIUS PT FOR HOLTZ ST TO END OF CURB	78	-
10+58 'HOL' LT-	118+06	RT	END OF CURB TO RADIUS PT FOR HOLTZ ST	51	-
118+06	122+00	RT	RADIUS PT FOR HOLTZ ST TO END OF CURB	395	-
122+50	125+50	LT	END OF 30-INCH CURB TO END OF CURB	-	350
139+00	- 142+00	LT	IN FRONT OF HISTORIC PROPERTY	-	300
150+15	- 153+00	RT	IN FRONT OF HOUSE FOR GRADING PURPOSES	-	286
177+00	- 178+81	LT	IN FRONT OF HOUSE FOR GRADING PURPOSES	-	181
206+20	- 206+62	LT	NW RADIUS OF EXCELSIOR	-	70
206+97	- 207+63	LT	NE RADIUS OF EXCELSIOR	-	87
212+88	- 216+50	RT	AREA IN FRONT OF SEPTIC SYSTEM AND HOUSE	-	362
225+23	- 225+81	RT	SW RADIUS OF CTH I	-	91
226+11	226+47	RT	SE RADIUS OF CTH I	-	56
229+25	230+55	RT	IN FRONT OF RETAINING WALL	-	129
264+00	- 276+50	LT	FOR GRADING PURPOSES	-	1,250
282+00	- 290+70	LT	MAINLINE AND NW RADIUS OF BELTER	-	892
9+20 'BEL'	291+78	LT	MAINLINE AND NE RADIUS OF BELTER	-	140
TOTAL			4,476	4,194	

APRON ENDWALLS AND PIPE GRATES

STRUCT. NO.	STATION	LOCATION	APRON ENDWALL FOR STORM SEWER PIPE REINF. CONC						STORM SEWER PIPE GRATES			
			522.1012	522.1015	522.1018	522.1021	522.1036*	523.0519	611.9800.S	611.9800.S	611.9800.S	611.9800.S
			12"	15"	18"	21"	36"	19"x30"	15"	18"	36"	19"x30"
			EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH
EW-1	102+64	45.' LT	-	-	-	-	1	-	-	-	1	-
EW-1.1	102+45	43.' RT	1	-	-	-	-	-	-	-	-	-
EW-2	115+44.2	33.9' LT	-	-	-	-	-	1	-	-	-	1
EW-3	115+55.6	44.5' RT	-	-	-	-	-	1	-	-	-	1
EW-4	116+50	17.5' LT	-	-	1	-	-	-	-	1	-	-
EW-5	10+45'HOL'	24.' LT	-	1	-	-	-	-	1	-	-	-
EW-5	10+45'HOL'	24.' LT	-	-	-	1	-	-	1	-	-	-
EW-6	9+20'BEL'	25.3' LT	1	-	-	-	-	-	-	-	-	-
EW-7	276+50	32.5' LT	1	-	-	-	-	-	-	-	-	-
TOTALS:			3	1	1	1	1	2	2	1	1	2

* ADDITIONAL QUANTITY SHOWN IN THE CULVERT PIPE TABLE OF THE MISCELLANEOUS QUANTITIES.

CULVERT PIPE																							
CULVERT PIPE CORRUGATED				APRON ENDWALLS FOR CULVERT PIPE		CLASS III R.C.C.P. DIAMETER					REINF. CONC. APRON ENDWALLS FOR CULVERT PIPE					614.0620.S MARKER POSTS, CULVERT END				JOINT			
		STEEL		SLOPED STEEL SECTION																			
		521.0118	521.0124	521.1518	521.1524	522.0124	522.0130	522.0136	522.0148	522.0160	522.1024	522.1030	522.1036*	522.1048	522.1060	STEEL				#	#		
		18-IN	24-IN	18-IN	24-IN	24-IN	30-IN	36-IN	48-IN	60-IN	24-IN	30-IN	36-IN	48-IN	60-IN	THICKNESS	INLET	OUTLET	% SLOPE	INLET	OUTLET	FLEXIBLE	REQ'D
STATION	LOCATION	L.F.	L.F.	EACH	EACH	L.F.	L.F.	L.F.	L.F.	L.F.	EACH	EACH	EACH	EACH	EACH	INCHES	ELEVATION	ELEVATION		OFFSET	OFFSET	EACH	EACH
CROSS DRAINS																							
157+77	CL	-	-	-	-	-	80	-	-	-	-	2	-	-	-	-	926.50	923.50	3.8	40.5' LT	51.5' RT	2	12
167+76	CL	-	-	-	-	-	-	-	56	-	-	-	-	2	-	-	884.00	883.00	1.8	34' LT	38' RT	2	12
191+80	CL	-	-	-	-	-	-	-	-	72	-	-	-	-	2	-	870.00	869.50	0.7	46' LT	42' RT	2	12
199+85	CL	-	-	-	-	56	-	-	-	-	2	-	-	-	-	-	878.10	877.60	0.9	32' LT	36' RT	2	12
214+15	CL	-	-	-	-	-	-	-	60	-	-	-	-	2	-	-	876.40	875.50	1.5	35' LT	41' RT	2	12
281+78	CL	-	-	-	-	-	-	62	-	-	-	-	2	-	-	-	912.90	911.40	2.4	37' LT	41' RT	2	12
MINOR SIDE ROAD, PRIVATE ENTRANCE, AND SLOPE DRAINS																							
132+12	F.E. RT	40	-	2	-	-	-	-	-	-	-	-	-	-	-	0.064	-	-	-	-	-	-	-
137+27	P.E. LT	-	54	-	2	-	-	-	-	-	-	-	-	-	-	0.064	-	-	-	-	-	-	-
137+38	P.E. RT	38	-	2	-	-	-	-	-	-	-	-	-	-	-	0.064	-	-	-	-	-	-	-
137+41	P.E. LT	-	53	-	2	-	-	-	-	-	-	-	-	-	-	0.064	-	-	-	-	-	-	-
165+43	P.E. RT	37	-	2	-	-	-	-	-	-	-	-	-	-	-	0.064	-	-	-	-	-	-	-
169+25	F.E. RT	40	-	2	-	-	-	-	-	-	-	-	-	-	-	0.064	-	-	-	-	-	-	-
169+80	P.E. LT	42	-	2	-	-	-	-	-	-	-	-	-	-	-	0.064	-	-	-	-	-	-	-
179+44	P.E. LT	40	-	2	-	-	-	-	-	-	-	-	-	-	-	0.064	-	-	-	-	-	-	-
189+33	P.E. LT	37	-	2	-	-	-	-	-	-	-	-	-	-	-	0.064	-	-	-	-	-	-	-
190+65	P.E. RT	46	-	2	-	-	-	-	-	-	-	-	-	-	-	0.064	-	-	-	-	-	-	-
193+21	P.E. LT	39	-	2	-	-	-	-	-	-	-	-	-	-	-	0.064	-	-	-	-	-	-	-
196+60	P.E. RT	47	-	2	-	-	-	-	-	-	-	-	-	-	-	0.064	-	-	-	-	-	-	-
198+86	P.E. RT	47	-	2	-	-	-	-	-	-	-	-	-	-	-	0.064	-	-	-	-	-	-	-
206+50	P.E. RT	39	-	2	-	-	-	-	-	-	-	-	-	-	-	0.064	-	-	-	-	-	-	-
212+99	P.E. RT	120	-	2	-	-	-	-	-	-	-	-	-	-	-	0.064	-	-	-	-	-	-	-
215+29	P.E. LT	43	-	2	-	-	-	-	-	-	-	-	-	-	-	0.064	-	-	-	-	-	-	-
TOTALS		655	107	28	4	56	80	62	116	72	2	2	2	4	2							12	72

* ADDITIONAL QUANTITY SHOWN ELSEWHERE IN PLAN

** NON-BID ITEM (FOR INFORMATION ONLY)

CULVERT LENGTHS ARE DESIGNED TO THE NEAREST 2 FOOT INCREMENT.

ANY CONSTRUCTION METHOD NECESSARY TO ACHIEVE A 2 FOOT INCREMENT, SUCH AS CONCRETE COLLARS, SHALL BE INCIDENTAL TO THE COST OF THE CULVERT PIPE.

OFFSETS SHOWN INCLUDE THE LENGTH OF THE ENDWALLS IN ADDITION TO THE PIPE LENGTHS SHOWN.

CONCRETE SIDEWALK 4-INCH & CURB RAMP
DETECTABLE WARNING FIELD YELLOW

		602.0405		602.0505	
		Concrete		Curb Ramp Detectable	
		Sidewalk 4-Inch		Warning Field Yellow	
STATION - STATION	DESCRIPTION	SF	SF		
101+90- 102+15	RT SIDEWALK	125	-		
102+45 - 102+55	RT SIDEWALK	55	-		
102+95 - 103+19	RT RAMP	168	8		
103+59 - 103+75	RT RAMP	112	8		
109+97 - 110+17	RT SIDEWALK & RAMP	140	8		
10+31'MAD'- 10+50'MAD'	RT SIDEWALK	76	-		
110+00- 111+00	LT SIDEWALK	400	-		
110+58 - 110+79	RT RAMP	147	8		
112+65 - 112+81	LT SIDEWALK & RAMP	112	8		
8+80'MON'- 9+65'MON'	RT SIDEWALK	340	-		
111+62- 112+00	RT SIDEWALK	171	-		
112+00- 113+50	RT SIDEWALK	675	-		
115+00 - 117+32	RT SIDEWALK & RAMP	1,044	8		
117+86 - 119+50	RT SIDEWALK & RAMP	738	8		
120+45- 121+50	RT SIDEWALK	473	-		
TOTAL		4,776	56		

ADJUSTING MANHOLE COVERS

611.8110			
STATION	DESCRIPTION	EACH	
109+50 8' LT	SAN MANHOLE	1	
111+63 8' LT	SAN MANHOLE	1	
112+70 RT	SAN MANHOLE	1	
112+85 23' LT	SAN MANHOLE	1	
112+83 87' LT	SAN MANHOLE	1	
117+08 8' LT	SAN MANHOLE	1	
118+18 8' LT	SAN MANHOLE	1	
117+89 LT	SAN MANHOLE	1	
TOTAL		8	

RIPRAP & GEOTEXTILE FABRIC

		606.0200		606.0300		645.0120		645.0130	
		RIPRAP		RIPRAP		TYPE HR		TYPE R	
		MEDIUM		HEAVY					
STATION	LOCATION	CY	CY	SY	SY				
102+64 LT	36" PIPE OUTFALL	-	74	111	-				
102+45 RT	12" PIPE OUTFALL	1	-	-	4				
104+45 LT	END OF FLUME	2	-	-	7				
115+55 RT	19"X32" PIPE OUTFALL	2	-	-	7				
116+50 LT	18" PIPE OUTFALL	2	-	-	7				
10+45'HOL' LT	15" PIPE OUTFALL	2	-	-	7				
125+50 LT	END OF FLUME	7	-	-	22				
213+80 RT	END OF FLUME	2	-	-	7				
157+80 CL	ENDS OF CULVERT	4	-	-	11				
167+77 CL	ENDS OF CULVERT	4	-	-	11				
191+80 CL	ENDS OF CULVERT	4	-	-	11				
199+85 CL	ENDS OF CULVERT	4	-	-	11				
213+70 RT	END OF CULVERT	7	-	-	11				
214+16 CL	ENDS OF CULVERT	7	-	-	11				
276+50 LT	END OF FLUME	2	-	-	7				
281+78 CL	ENDS OF CULVERT	4	-	-	11				
TOTAL		55	74	111	144				

STORM SEWER ITEMS

STORM SEWER PIPE REINF. CONC. CLASS III														• •	@ #	@ #	#	#	611.0612	611.0624	611.0627	611.0642							
STRUCT.	STATION	LOCATION	RIM /	STRUCT.	STRUCT.	STRUCT.	608.0312	608.0315	608.0318	608.0321	608.0324	608.0330	608.0336	610.0119	PIPE TIES	611.0201	611.0210	611.0303	611.0305	611.0530	611.0612	611.0624	611.0627	611.0642	PIPE LOCATION				
			CASTING	TOP	INV.	DEPTH	12"	15"	18"	21"	24"	30"	36"	19"x30"	REQ'D	M.H.	M.H.	INLET	INLET	M.H. COVERS	COVERS	COVERS	COVERS	COVERS	FROM	TO	INLET	OUTLET	% SLOPE
NO.			ELEV.	ELEV."	ELEV.	FT	LF	LF	LF	LF	LF	LF	LF	LF	EACH	TYPE 1	TYPE 3	TYPE 3	TYPE 8	TYPE J	TYPE C	TYPE H	TYPE HM	TYPE MS	STR NO	STR NO	ELEV	ELEV	
I-1	102+55	17.5' RT	880.19	879.19	877.20	1.99	25	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	I-1	EW-1.1	877.20	876.70	2.00
EW-1.1	102+45	43' RT	-	-	876.70	-	-	-	-	-	-	-	-	-	6	-	-	-	-	-	-	-	-	-	EW-1.1	-	-	-	-
EW-1	102+64	45' LT	-	-	874.30	-	-	-	-	-	-	-	-	-	6	-	-	-	-	-	-	-	-	-	EW-1	-	-	-	-
MH-2	103+00	17.5' LT	880.58	879.33	874.44	4.89	-	-	-	-	-	-	45	-	-	-	1	-	-	1	-	-	-	-	MH-2	EW-1	874.44	874.30	0.30
MH-3	104+55.7	17.5' LT	884.60	883.60	875.30	8.30	-	-	-	-	-	181	-	-	-	-	1	-	-	-	-	1	-	-	MH-3	MH-2	875.30	874.94	0.20
I-3.1	104+61	17.5' RT	884.62	883.62	880.75	2.87	-	-	34	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	I-3.1	MH-3	880.75	880.00	2.21
I-3.2	104+52	17.5' RT	884.59	883.59	881.00	2.59	-	-	9	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	I-3.2	I-3.1	881.00	880.75	2.78
MH-4	105+40	17.5' LT	887.13	886.13	881.78	4.35	-	-	-	-	-	85	-	-	-	-	1	-	-	-	-	1	-	-	MH-4	MH-3	881.78	875.30	7.62
MH-5	107+00	24. ' LT	895.52	894.27	889.75	4.52	-	-	-	-	161	-	-	-	-	1	-	-	-	1	-	-	-	-	MH-5	MH-4	889.75	882.28	4.64
I-5.1	107+00	17.5' LT	894.32	893.32	890.00	3.32	-	6	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	I-5.1	MH-5	890.00	889.75	4.17
I-5.2	107+00	17.5' RT	894.32	893.32	890.50	2.82	-	34	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	I-5.2	I-5.1	890.50	890.00	1.47
MH-6	109+05	32. ' LT	902.61	901.36	894.50	6.86	-	-	-	-	206	-	-	-	-	1	-	-	-	1	-	-	-	-	MH-6	MH-5	894.50	889.75	2.31
I-6.1	109+05	17.5' LT	900.79	899.79	894.51	5.28	-	-	11	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	I-6.1	MH-6	894.51	894.50	0.10
I-6.2	109+11	17.5' LT	900.87	899.87	894.54	5.33	-	-	6	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	I-6.2	I-6.1	894.54	894.51	0.50
MH-7	111+90	25. ' LT	900.61	899.36	895.75	3.61	-	-	-	-	292	-	-	-	-	1	-	-	-	1	-	-	-	-	MH-7	MH-6	895.97	894.50	0.50
MH-8	112+44	23. ' LT	900.59	899.26	895.90	3.36	-	-	-	-	77	-	-	-	-	1	-	-	-	-	1	-	-	-	MH-8	MH-7	895.90	895.75	0.19
MH-9	112+81.66	30.8' LT	900.28	899.28	896.00	3.28	-	-	-	-	29	-	-	-	-	1	-	-	-	-	-	1	-	-	MH-9	MH-8	896.00	895.90	0.35
MH-10	9+30'MON'	15. ' RT	900.86	899.86	896.60	3.26	-	-	-	-	33	-	-	-	-	1	-	-	-	-	-	1	-	-	MH-10	MH-9	896.60	896.00	1.80
I-10.1	9+24'MON'	15. ' RT	901.15	900.15	897.48	2.67	-	8	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	I-10.1	MH-10	897.48	897.40	1.00
I-10.2	8+92'MON'	15. ' RT	902.07	901.07	897.80	3.27	-	31	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	I-10.2	I-10.1	897.80	897.48	1.06
I-11	9+30'MON'	15. ' LT	900.86	899.86	897.06	2.80	-	-	32	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	I-11	MH-10	897.06	896.74	1.00
I-11.1	9+24'MON'	15. ' LT	901.15	900.15	897.56	2.59	-	8	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	I-11.1	I-11	897.56	897.06	2.25
I-11.2	8+92'MON'	15. ' LT	902.07	901.07	897.87	3.20	-	31	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	I-11.2	I-11.1	897.87	897.56	1.00
EW-3	115+56	44.5' RT	-	-	894.82	-	-	-	-	-	-	-	-	-	6	-	-	-	-	-	-	-	-	-	EW-3	-	-	-	-

CONTINUED

@ #	@ #	#	#	611.0612	611.0624	611.0627	611.0642
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ALL STRUCTURES ARE REQUIRED TO HAVE BENCHING THAT CONFORMS TO THE STANDARD DETAIL IN THIS PLAN.
BENCHING IS INCIDENTAL TO THE COST OF THE STORM SEWER STRUCTURES.

3

SALVAGED TOPSOIL, MULCH, FERTILIZER, AND SEEDING

STATION- STATION	LOCATION	625.0500	SPV 0090.01	627.0200	629.0210	630.0130	630.0140	630.0200
		SALVAGED TOPSOIL	SALVAGED TOPSOIL SPECIAL	MULCHING	FERTILIZER TYPE B	SEEDING MIXTURE NO. 30	SEEDING MIXTURE NO. 40	SEEDING TEMPORARY
		SY	SY	SY	CWT	LB	LB	LB
122+90- 126+66	RT	966	-	966	0.6	17	-	26
124+00 - 129+00	LT	1,024	-	1,024	0.6	18	-	28
126+87 - 132+00	RT	1,295	-	1,295	0.8	23	-	35
129+50 - 131+50	LT	568	-	568	0.4	10	-	15
132+31 - 137+30	RT	2,267	-	2,267	1.4	41	-	61
137+60 - 150+18	RT	5,269	230	5,269	3.3	95	-	142
144+75 - 145+40	LT	271	-	271	0.2	5	-	7
145+90 - 145+94	LT	85	-	85	0.1	2	-	2
146+32 - 153+50	LT	2,297	-	2,297	1.4	41	-	62
150+56 - 152+00	RT	439	100	439	0.3	8	-	12
162+50 - 165+34	RT	1,584	300	1,584	1.0	29	-	43
166+50 - 169+54	LT	958	-	958	0.6	17	-	26
169+00 - 179+08	RT	3,396	-	3,396	2.1	61	-	92
169+93 - 178+50	LT	3,701	-	3,701	2.3	67	-	100
178+90 - 179+36	LT	125	-	125	0.1	-	2	3
179+54 - 189+16	LT	3,287	-	3,287	2.1	59	-	89
179+63- 190+46	RT	3,165	-	3,165	2.0	57	-	85
189+60 - 193+00	LT	1,131	-	1,131	0.7	20	-	31
190+80 - 195+98	RT	1,379	-	1,379	0.9	25	-	37
193+38 - 206+68	LT	5,223	-	5,223	3.3	94	-	141
196+34 - 212+88	RT	4,631	-	4,631	2.9	83	-	125
207+00 - 215+14	LT	3,893	-	3,893	2.5	70	-	105
213+14 - 215+00	RT	436	-	436	0.3	-	8	12
215+26 - 217+74	RT	607	-	607	0.4	-	11	16
215+40 - 223+08	LT	2,372	-	2,372	1.5	43	-	64
218+00 - 225+50	RT	2,698	-	2,698	1.7	49	-	73
223+54 - 245+00	LT	11,745	-	11,745	7.4	211	-	317
226+30 - 230+60	RT	2,193	-	2,193	1.4	39	-	59
230+90 - 245+00	RT	6,366	-	6,366	4.0	145	-	172
267+00 - 270+50	RT	2,006	-	2,006	1.3	36	-	54
267+00 - 290+70	LT	11,274	-	11,274	7.1	203	-	304
281+95 - 283+50	RT	743	-	743	0.5	13	-	20
291+00 - 292+00	LT	461	-	461	0.3	-	8	12
UNDISTRIBUTED (25%)			-	21,000	13.2	378	21	567
TOTAL		87,855	630	108,855	69	1,960	50	2,939

SILT FENCE AND SILT FENCE MAINTENANCE

STATION -	STATION	LF	628.1504	628.1520
			SILT FENCE	SILT FENCE MAINTENANCE
			LF	LF
126+50- 129+00	LT	250		500
125+90 - 132+00	RT	610		1,220
142+00 - 151+00	LT	900		1,800
153+00 - 158+75	RT	575		1,150
157+75 - 158+50	LT	75		150
162+00 - 167+00	LT	500		1,000
165+00 - 180+00	RT	1,500		3,000
191+00 - 192+00	LT	100		200
190+00 - 194+00	RT	400		800
195+50 - 220+00	RT	2,450		4,900
199+00 - 201+00	LT	200		400
226+25 - 229+90	RT	365		730
230+90 - 245+00	RT	1,410		2,820
267+00 - 293+00	RT	2,600		5,200
	UNDI	2,980		5,960
TOTAL		14,915		29,830

MOBILIZATIONS, EROSION CONTROL &
EMERGENCY EROSION CONTROL

STATION	628.1905	628.1910
	MOB. EROSION CONTROL	MOB. EMERGENCY EROSION CONTROL
	EACH	EACH
102+00 - 293+00	5	7
TOTAL	5	7

3

INLET PROTECTION

STRUCT. NO.	STATION/LOCATION	628.7005	628.7010	628.7015
		TYPE A EACH	TYPE B EACH	TYPE C EACH
I-1	102+55 17.5' RT	1	-	1
MH-2	103+00 17.5' LT	1	-	1
MH-3	104+55 17.5' LT	1	-	1
I-3.1	104+61 17.5' RT	1	-	1
I-3.2	104+52 17.5' RT	1	-	1
MH-4	105+40 17.5' LT	1	-	1
MH-5	107+00 24. ' LT	1	-	-
I-5.1	107+00 17.5' LT	1	-	1
I-5.2	107+00 17.5' RT	1	-	1
MH-6	109+05 32. ' LT	1	-	-
I-6.1	109+05 17.5' LT	1	-	1
I-6.2	109+11 17.5' LT	1	-	1
MH-7	111+90 25. ' LT	1	-	-
MH-8	112+44 23. ' LT	1	1	1
MH-9	112+81 66 30.8' LT	1	-	1
MH-10	9+30' MON' 15. ' RT	1	-	1
I-10.1	9+24' MON' 15. ' RT	1	-	1
I-10.2	8+92' MON' 15. ' RT	1	-	1
I-11	9+30' MON' 15. ' LT	1	-	1
I-11.1	9+24' MON' 15. ' LT	1	-	1
I-11.2	8+92' MON' 15. ' LT	1	-	1
MH-21	115+53 17.5' RT	1	-	1
I-21.1	114+78 17.5' RT	1	-	1
I-21.2	114+78 17.5' LT	1	-	1
MH-22	115+47 17.5' LT	1	-	1
I-31	9+75' BEN' 14.2' LT	1	-	1
I-30	9+54' BEN' 22.4' RT	1	-	1
MH-41	118+25 21. ' RT	1	-	-
I-41.1	118+25 17.5' LT	1	-	1
I-41.2	118+35 17.5' LT	1	-	1
I-42	119+50 18.5' RT	1	-	1
I-50	287+60 18.5' LT	1	-	1
I-51	287+70 18.5' LT	1	-	1
I-52	290+15 18.5' LT	1	-	1
I-53	290+25 18.5' LT	1	-	1
I-54	290+25 27.5' LT	1	1	1
MH-55	291+06 25.3' LT	1	-	1
MH-56	291+63 24.18' LT	1	-	1
I-57	291+59 17.8' LT	1	-	1
I-58	273+00 18.5' LT	1	-	1
I-59	276+00 18.5' LT	1	-	1
TOTAL		41	2	37

STONE & TEMPORARY DITCH CHECKS

STATION	LOCATION	628.7504	628.7560S
		TEMPORARY DITCH CHECKS LF	STONE OR ROCK DITCH CHECKS CY
125+50	LT	-	5
126+00	LT	-	5
166+50	LT	10	-
167+10	LT	6	-
168+00	LT	8	-
169+00	LT	11	-
192+00	LT	7	-
194+00	LT	9	-
195+00	LT	13	-
224+00	LT	10	-
225+00	LT	14	-
225+60	LT	14	-
226+25	LT	14	-
226+80	LT	12	-
227+30	LT	12	-
227+80	LT	13	-
228+25	LT	13	-
228+70	LT	13	-
229+20	LT	13	-
234+00	LT	25	-
235+00	LT	27	-
235+76	LT	27	-
236+40	LT	27	-
236+90	LT	26	-
237+40	LT	26	-
237+80	LT	26	-
238+30	LT	26	-
238+80	LT	18	-
239+50	LT	15	-
240+20	LT	15	-
240+90	LT	16	-
241+50	LT	24	-
242+10	LT	24	-
242+50	LT	31	-
242+90	LT	39	-
243+40	LT	39	-
243+75	LT	35	-
244+20	LT	35	-
244+60	LT	35	-
TOTAL		722	10

SOD WATER & SOD LAWN

STATION - STATION	LOCATION	631.0300	631.1000
		SOD WATER MGAL	SOD LAWN SY
102+04 - 104+00	LT	1.7	311
103+75 - 104+14	RT	0.2	43
NORTH RAILROAD ST.	LT, RT	1.0	176
104+42 - 104+62	LT	0.2	40
104+53	RT - along driveway	1.8	313
104+53 - 105+36	RT	0.7	129
104+53 - 106+18	RT - behind sidewalk	0.5	83
104+94 - 105+14	LT	0.3	47
105+37 - 109+10	LT	6.4	1145
105+78 - 106+18	RT	0.4	68
106+67 - 107+10	RT	0.4	80
107+21 - 108+45	RT	1.3	233
108+74 - 110+20	RT	1.5	276
109+66 - 110+20	LT	0.6	108
MADISON ST	RT, RT	1.8	326
MADISON ST	RT, LT	2.2	386
110+44 - 110+68	LT	0.3	61
110+56 - 111+30	RT	0.9	158
110+86 - 111+24	LT	0.2	30
111+40 - 111+54	LT	0.3	54
111+58 - 112+34	RT	1.7	298
111+84 - 112+84	LT	1.7	310
MONTGOMERY ST.	LT, RT	1.1	194
MONTGOMERY ST.	LT, LT	0.4	77
113+19 - 114+78	RT	2.1	372
113+26 - 116+76	LT	4.7	846
BENDER ST.	LT, RT	1.2	209
BENDER ST.	LT, LT	0.6	112
114+94 - 116+43	RT	1.8	330
116+68 - 117+09	RT	0.3	57
HOLTZ ST.	RT, RT	0.4	73
HOLTZ ST.	RT, LT	0.5	81
117+28 - 118+74	LT	2.6	456
117+74 - 118+54	RT	1.3	234
118+66 - 120+00	RT	1.4	250
118+92 - 120+70	LT	2.5	449
120+12 - 120+60	RT	0.3	53
QUARRY RD.	LT, RT	0.4	74
QUARRY RD.	LT, LT	0.5	83
120+76 - 121+31	RT	0.5	95
121+10 - 124+00	LT	4.8	850
121+46 - 122+74	RT	2.1	383
UNDISTRIBUTED (15%)		13.9	2488
TOTAL		70	12,441

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EROSION MAT			
	628.2004	628.2023	628.2037
	CLASS I	CLASS II	CLASS III
	TYPE B	TYPE B	TYPE C
STATION - STATION	S.Y.	S.Y.	S.Y.
131+50 - 137+60	RT 1,573	-	1,573
137+60 - 139+10	RT 288	-	288
139+40 - 140+70	RT 345	-	345
141+00 - 144+75	RT 1,120	-	1,120
152+00 - 158+54	LT -	3,050	-
153+50 - 168+50	RT 5,266	-	-
158+80 - 162+50	LT -	2,161	-
270+50 - 281+95	LT -	3,763	-
283+50 - 292+00	LT -	3,637	-
UNDISTRIBUTED (25%)	1,316	3,153	832
TOTAL	9,908	15,764	4,158

SIGNS AND SIGN SUPPORTS							
SIGN NUMBER	STATION	SIGN TYPE	SIZE INCHES	634.0616	634.0618	637.0202	638.2102
				WOODEN POST - 16 FT EACH	WOODEN POST - 18 FT EACH	SIGNS TYPE II S.F.	MOVING SIGNS TYPE II EACH
1	103+50 LT	R2-1	24x30	1	-	5.0	-
2	103+60 RT	R1-1	36x36	1	-	7.46	-
3	106+00 RT	R2-1	24x30	1	-	5.0	-
4	107+55 LT	J1-1	24x39	1	-	6.5	-
5	108+80 LT	W10-1	36x36	1	-	9.0	-
6	110+15 RT	W14-1	24x24	1	-	4.0	-
7	110+80 RT	R1-1	36x36	1	-	7.46	-
8	111+80 LT	W11-8	36x36	1	-	9.0	-
9	112+75 LT	R1-1	36x36	1	-	7.46	-
10	113+50 LT	R2-1	24x30	1	-	5.0	-
11	116+85 LT	R1-1	36x36	1	-	7.46	-
12	117+80 RT	R1-1	36x36	1	-	7.46	-
13	118+10 RT	R2-1	24x30	1	-	5.0	-
14	120+65 LT	R1-1	36x36	1	-	7.46	-
15	123+50 LT	R2-1	24x30	1	-	5.0	-
16	123+65 RT	R2-1	24x30	1	-	5.0	-
17	128+15 RT	J4-1	24x36	-	2	8.0	-
17A		D1-1(2)	66x15	-	-	6.9	-
18	131+15 LT	W3-5	36x36	1	-	9.0	-
19	139+70 LT	I2-3(2)	78x24	-	2	13.0	-
20	182+95 RT	W1-2R	36x36	1	-	9.0	-
20A		W13-1	18x18	-	-	2.3	-
21	198+00 RT	W1-2L	36x36	1	-	9.0	-
21A		W13-1	18x18	-	-	2.3	-
22	204+00 LT	W1-2L	36x36	1	-	9.0	-
22A		W13-1	18x18	-	-	2.3	-
23	206+65 LT	R1-1	36x36	1	-	7.46	-
24	216+20 RT	W1-2L	36x36	1	-	9.0	-
24A		W13-1	18x18	-	-	2.3	-

SIGNS AND SIGN SUPPORTS							
SIGN NUMBER	STATION	SIGN TYPE	SIZE INCHES	634.0616	634.0618	637.0202	638.2102
				WOODEN POST - 16 FT EACH	WOODEN POST - 18 FT EACH	SIGNS TYPE II S.F.	MOVING SIGNS TYPE II EACH
25	218+15 RT	J1-1	24x39	-	2	6.5	-
26	218+90 LT	W1-2R	36x36	1	-	9.0	-
26A		W13-1	18x18	-	-	2.3	-
27	220+00 RT	D1-1(2)	102x15	-	2	10.6	-
28	225+00 RT	J13-1	24x45	1	-	7.5	-
29	225+25 LT	J4-1	24x36	1	-	6.0	-
30	226+15 LT	J13-1	24x45	1	-	7.5	-
31	226+35 RT	R1-1	36x36	1	-	7.46	-
32&32A	226+40 RT	J13-2	45x57	-	1	17.8	-
33	227+25 RT	J4-1	24x36	1	-	6.0	-
34	229+30 RT	W1-5L	REUSE	-	-	-	1
34A		W13-1	REUSE	-	-	-	1
35	231+35 LT	J1-1	24x39	1	-	6.5	-
36	236+50 RT	W1-6	REUSE	-	-	-	1
37	236+75 LT	W1-6	REUSE	-	-	-	1
38	273+00 LT	W1-1L	REUSE	-	-	-	1
38		W13-1	REUSE	-	-	-	1
38	273+00 RT	W1-1L	REUSE	-	-	-	1
38		W13-1	REUSE	-	-	-	1
39	284+90 RT	J1-1	24x39	1	-	6.5	-
40	286+00 RT	D1-2(2)	108x36	-	2	27.0	-
41	290+55 LT	R1-1	36x36	1	-	7.46	-
42	292+70 LT	J4-1	24x36	1	-	6.0	-
43	293+00 RT	J13-1	24x45	1	-	7.5	-
44	294+25 RT	R1-1	36x36	1	-	7.46	-
45&45A	294+25 RT	J13-2	45x57	-	2	17.8	-
46	294+25 LT	J13-1	24x45	1	-	7.5	-
47	393+75 LT	J1-1	24x39	1	-	6.5	-
UNDISTRIBUTED*	W14-3*	36x48x48	-	-	12	72.0	-
TOTAL				36	26	443	8

* NO PASSING ZONE SIGN LOCATIONS WILL BE DETERMINED IN THE FIELD.

@ SPEEDS TO BE DETERMINED IN FIELD BY DOT TRAFFIC SECTION.

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REMOVING SIGNS AND SIGN SUPPORTS

STATION	SIGN MESSAGE	638.2602	638.3000
		REMOVING	REMOVING
		SIGNS	SMALL SIGN
		TYPE II	SUPPORTS
		EACH	EACH
103+50 LT	SPEED LIMIT 25	1	1
103+60 RT	STOP (SOUTH RR STREET)	1	1
106+00 RT	SPEED LIMIT 30	1	1
107+55 LT	JCT 154	1	1
108+80 LT	RAILROAD CROSSING	1	1
110+15 RT	DEAD END	1	1
110+60 RT	STOP (MADISON STREET)	1	1
111+80 LT	FIRETRUCK CROSSING	1	1
112+75 LT	STOP (MONTGOMERY STREET)	1	1
113+50 LT	SPEED LIMIT 30	1	1
116+65 LT	STOP (BENDER STREET)	1	1
117+80 RT	STOP (HOLTZ)	1	1
118+10 RT	SPEED LIMIT 30	1	1
120+65 LT	STOP (QUARRY ROAD)	1	1
123+50 LT	SPEED LIMIT 30	1	1
123+65 RT	SPEED LIMIT 55	1	1
124+25 RT	ADOPT A HIGHWAY		
128+15 RT	EAST 136	2	1
	BARABOO 8		
129+70 RT	NO PASSING ZONE	1	1
131+15 LT	REDUCED SPEED AHEAD	2	1
	30 MPH		
132+55 LT	NO PASSING ZONE	1	1
139+70 LT	ROCK SPRINGS POPULATION 432	1	2
146+50 LT	FARM CROSSING	2	1
	45 MPH		
157+90 LT	FARM CROSSING	1	1
167+80 RT	NO PASSING ZONE	1	1
168+25 LT	NO PASSING ZONE	1	1
182+95 RT	ARROW	3	1
	40 MPH		
	NO PASSING ZONE		
187+50 LT	NO PASSING ZONE	1	1
198+00 RT	ARROW	2	1
	40 MPH		
204+00 LT	ARROW	2	1
	40 MPH		

REMOVING SIGNS AND SIGN SUPPORTS

STATION	SIGN MESSAGE	638.2602	638.3000
		REMOVING	REMOVING
		SIGNS	SMALL SIGN
		TYPE II	SUPPORTS
		EACH	EACH
206+60 LT	STREET SIGNS(EXCELSIOR ROAD)		
206+65 LT	STOP	1	1
206+90 RT	ARROW	1	1
216+20 RT	ARROW	3	1
	45 MPH		
	NO PASSING ZONE		
218+15 RT	JCT	2	1
	COUNTY 'I'		
218+90 LT	NO PASSING ZONE	3	1
	ARROW		
	40 MPH		
220+00 RT	NORTH FREEDOM	1	2
225+00 RT	COUNTY 'I'	2	1
	ARROW		
226+15 LT	COUNTY 'I'	2	1
	ARROW		
226+35 RT	STOP	1	1
226+40 RT	136	4	1
	DOUBLE HEADED ARROW		
	COUNTY 'I'		
	END		
226+50 RT	STOP (COUNTY 'I')	1	1
226+75 LT	ADOPT A HIGHWAY		
226+75 RT	ADOPT A HIGHWAY		
229+30 RT	ARROW	2	1
	20 MPH		
231+35 LT	JCT	2	1
	COUNTY 'I'		
236+50 RT	LARGE ARROW	1	1
236+75 LT	LARGE ARROW	1	1
273+00 LT	ARROW	2	1
	25 MPH		
273+00 RT	ARROW	2	1

REMOVING SIGNS AND SIGN SUPPORTS

STATION	SIGN MESSAGE	638.2602	638.3000
		REMOVING	REMOVING
		SIGNS	SMALL SIGN
		TYPE II	SUPPORTS
		EACH	EACH
	25 MPH		
278+75 LT	NO PASSING ZONE	1	1
279+75 RT	NO PASSING ZONE	1	1
283+25 RT	SCHOOL BUS STOP	1	1
284+90 RT	JCT	2	1
	COUNTY 'PF'		
286+00 RT	NORTH FREEDOM	2	2
	MID CONTINENT RAILWAY MUSEUM		
289+20 LT	WEST	2	1
	136		
290+50 LT	STREET SIGNS(BELTER ST)		
9+60'MON'LT	WEIGHT CLASS B@		
290+55 LT	STOP (BELTER STREET)	1	1
293+00 RT	COUNTY 'PF'	2	1
	ARROW		
294+25 RT	STOP (COUNTY 'PF')	1	1
294+25 RT	END	4	1
	COUNTY 'PF'		
	136		
	DOUBLE HEADED ARROW		
294+25 LT	COUNTY 'PF'	2	1
	ARROW		
393+75 LT	JCT	2	1
	COUNTY 'PF'		
TOTAL		88	61

CONTACT VILLAGE OF ROCK SPRINGS FOR REMOVAL OF SIGNS
+ CONTACT SAUK COUNTY HIGHWAY FOR REMOVAL OF SIGNS
@ CONTACT TOWN OF EXCELSIOR FOR REMOVAL OF SIGNS

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TRAFFIC CONTROL

STATION	LOCATION / DESCRIPTION	643.0200	643.0300	643.0420	643.0705	643.0715	643.0900	643.3000
		TRF CNTRL, SURV AND MAINT	DRUM	BARRICADES TYPE III	WARNING LIGHTS TYPE A	WARNING LIGHTS TYPE C	SIGNS	TRF CNTRL, DETOUR SIGNS
		DAYS	DAYS	DAYS	DAYS	DAYS	DAYS	DAYS
NORTHERN DETOUR ROUTE								
UNDEFINED	USH 12 EAST OF STH136 INTERSECTION	-	-	-	-	-	664	-
UNDEFINED	USH 12 / STH 33/136 INTERSECTION	-	-	332	664	-	332	1660
UNDEFINED	USH 12 / STH 33 INTERSECTION **	-	-	-	-	-	-	2656
UNDEFINED	STH 33 DETOUR ROUTE SECTION, EASTBOUND	-	-	-	-	-	-	1660
UNDEFINED	STH 33/136 INTERSECTION	-	-	332	664	-	996	1494
UNDEFINED	STH 23/STH 33 WESTERNMOST INTERSECTION#	-	-	-	-	-	332	0
UNDEFINED	STH 23/154 INTERSECTION & STH 154	-	-	498	996	-	664	0
SOUTHERN TRAILBLAZER / DETOUR ROUTE								
UNDEFINED	STH 136	-	-	-	-	-	996	664
UNDEFINED	STH 136 / CTH PF INTERSECTION	-	-	498	996	-	1162	-
UNDEFINED	CTH PF - CTH I - CTH W - CTH DD WESTBOUND	-	-	-	-	-	498	3818
UNDEFINED	CTH PF - CTH I - CTH W - CTH DD EASTBOUND	-	-	-	-	-	498	5810
UNDEFINED	STH 136/154 / CTH DD INTERSECTION ***	-	-	332	664	-	332	1328
SIDE ROAD AND BRIDGE TRAFFIC CONTROL								
UNDEFINED	NARROWS CREEK BRIDGE SIGNING	-	-	1992	3320	-	1162	-
103+33	WEST RAILROAD ST.	-	-	332	664	-	664	-
104+26	NORTH RAILROAD ST.	-	-	332	664	-	664	-
110+37	MADISON ST.	-	-	332	664	-	664	-
113+02.38	MONTGOMERY ST.	-	-	332	664	-	664	-
117+02.16	BENDER ST.	-	-	332	664	-	664	-
117+55.44	HOLTZ ST.	-	-	332	664	-	664	-
120+92	QUARRY RD.	-	-	332	664	-	664	-
206+97.19	EXCELSIOR DR.	-	-	332	664	-	664	-
226+00	CTH I	-	-	332	664	-	664	-
290+80	BELTER DR.	-	-	332	664	-	664	-
UNDISTRIBUTED - TO DELINEATE HAZARDS IN CLOSED ROADWAY		-	2250	664	1328	2250	-	-
TOTAL		166	2250	7968	15272	2250	14276	19090

** NOTE: See DETAIL 'A' on Traffic Control Details Sheet
*** NOTE: See DETAIL 'B' on Traffic Control Details Sheet
NOTE: See DETAIL 'C' on Traffic Control Details Sheet

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COVERING SIGNS

643.0905 S		
STATION	LOCATION	EACH
UNDISTRIBUTED	SIGNS FACING WB STH 33 TRAFFIC	6
UNDISTRIBUTED	SIGNS FACING WB STH 136 TRAFFIC	2
UNDISTRIBUTED	SIGNS FACING EB STH 136 TRAFFIC	8
UNDISTRIBUTED	SIGNS FACING WB CTH DD TRAFFIC	3
UNDISTRIBUTED	SIGNS FACING WB USH 12 TRAFFIC	1
UNDISTRIBUTED	SIGNS FACING EB STH 154 TRAFFIC	2
TOTAL		22

LOCATING NO-PASSING ZONES

648.0100		
STATION	LOCATION	MI
100+00 - 245+00	EB AND WB	2.75
264+00 - 293+00	EB AND WB	0.55
293+00 - 1/2 mile out		0.5
TOTAL		3.8

PAVEMENT MARKING, EPOXY

				646.0106		647.0110	647.0566	647.0766
				WHITE	YELLOW	RAILROAD	STOP	CROSSWALK
				EPOXY	EPOXY	CROSSINGS	LINE 18-INCH	EPOXY
				4-INCH	4-INCH	EPOXY	EPOXY	6-INCH
STATION	STATION	LOCATION	DESCRIPTION	L.F.	L.F.	EACH	LF	L.F.
100+40 - 104+03	104+03	12' LT & 12' RT	EDGE LINES	646	-	-	-	-
100+40 - 104+03	104+03	CL	CENTERLINE DOUBLE YELLOW	-	726	-	-	-
10+36' WRR'			STOP LINE 18-INCH	-	-	-	18	80
102+50		6' RT	RAILROAD CROSSING	-	-	1	-	-
106+00		6' LT	RAILROAD CROSSING	-	-	1	-	-
104+12 - 121+40	121+40	CL	CENTERLINE DOUBLE YELLOW	-	3,456	-	-	-
121+40 - 245+00	245+00	CL	CENTERLINE STRIPE	-	22,248	-	-	-
267+00 - 292+95	292+95	CL	CENTERLINE STRIPE	-	4,541	-	-	-
104+12 - 109+98	109+98	12' RT	EDGE LINES	586	-	-	-	-
104+12 - 112+61	112+61	12' LT	EDGE LINES	849	-	-	-	-
10+41 MADISON ST.			STOP LINE 18-INCH	-	-	-	18	80
110+78 - 117+22	117+22	12' RT	EDGE LINES	644	-	-	-	-
9+41 MONTGOMERY ST.			STOP LINE 18-INCH	-	-	-	18	-
113+55 - 116+37	116+37	12' LT	EDGE LINES	282	-	-	-	-
9+30 BENDER ST.			STOP LINE 18-INCH	-	-	-	18	-
10+47 HOLTZ RD.			STOP LINE 18-INCH	-	-	-	18	80
117+29 - 120+47	120+47	12' LT	EDGE LINES	318	-	-	-	-
118+06 - 225+23	225+23	12' RT	EDGE LINES	10,717	-	-	-	-
9+52 QUARRY RD.			STOP LINE 18-INCH	-	-	-	18	-
121+30 - 206+20	206+20	12' LT	EDGE LINES	8,490	-	-	-	-
9+29 EXCELSIOR DR.			STOP LINE 18-INCH	-	-	-	18	-
207+63 - 245+00	245+00	12' LT	EDGE LINES	3,737	-	-	-	-
10+54 CTH I			STOP LINE 18-INCH	-	-	-	18	-
226+48 - 245+00	245+00	12' RT	EDGE LINES	1,852	-	-	-	-
267+00 - 292+92	292+92	12' RT	EDGE LINES	2,592	-	-	-	-
267+00 - 290+31	290+31	12' LT	EDGE LINES	2,331	-	-	-	-
9+42 BELTER DR.			STOP LINE 18-INCH	-	-	-	18	-
291+78 - 292+92	292+92	12' LT	EDGE LINES	114	-	-	-	-
TOTAL				33158	30971	2	162	240

PROJECT NO: 5573-04-72

HWY: STH 136

COUNTY: SAUK

MISCELLANEOUS QUANTITIES

SHEET

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EXCAVATION ROCK & GRANULAR BACKFILL

CATEGORY	FROM	LOCATION	TO	LOCATION	205.0200 209.0100	
					EXCAVATION ROCK	EXCAVATION GRANULAR
0200		UNDISTRIBUTED				300
0200	116.50	15	RT 120.45	10	RT	56
0200	117.04.7	16.4	LT 117.50.9	11.9	LT	13
0200	117.37	34	RT 117.39	20	RT	5
0200	121.00	24	LT 121.90	24	LT	30
0200	121.30	24	LT 121.18	32	RT	1
0200	8.75"BEN"	19	LT 116.90	16	RT	33
0200	10.20"HOL"	12	LT 10.67"HOL"	15	LT	1
0200	8.52"BEN"	54	RT 8.73"BEN"	3	RT	11
0200	9.25"QUA"	9	RT 9.60"QUA"	6	RT	10
TOTAL 0200					158	300

LANDSCAPING ITEMS

CATEGORY	STATION	LOCATION	625.0100		627.0200		629.0210		630.0140		630.0200	
			TOPSOIL	MULCHING	FERTILIZER, TYPE	B	SEEDING	MIXTURE NO. 40	SEEDING	TEMPORARY		
0020	97.15	RT	135	135	0.09	CWT	4.9	LB	3.6			
0020	98.20	RT	17	17	0.01		0.6		0.5			
0020	102.68	RT	9	9	0.01		0.3		0.2			
0020	102.95	RT	7	7	0.00		0.3		0.2			
0020	104.85	RT	24	24	0.02		0.9		0.6			
0020	105.38	LT	9	9	0.01		0.3		0.2			
0020	106.74	RT	9	9	0.01		0.3		0.2			
0020	107.31	RT	16	16	0.01		0.6		0.4			
0020	108.17	RT	16	16	0.01		0.6		0.4			
0020	109.52	RT	16	16	0.01		0.6		0.4			
0020	110.60	LT	20	20	0.01		0.7		0.5			
0020	110.93	LT	11	11	0.01		0.4		0.3			
0020	111.19	LT	11	11	0.01		0.4		0.3			
0020	111.48	RT	5	5	0.00		0.2		0.1			
0020	111.58	RT	7	7	0.00		0.3		0.2			
0020	112.42	RT	11	11	0.01		0.4		0.3			
0020	113.64	RT	17	17	0.01		0.6		0.5			
0020	114.93	RT	3	3	0.00		0.1		0.1			
0020	116.02	RT	11	11	0.01		0.4		0.3			
0020	117.36	RT	17	17	0.01		0.6		0.5			
0020	118.57	LT	18	18	0.01		0.6		0.5			
0020	118.87	RT	12	12	0.01		0.4		0.3			
0020	119.50	RT	12	12	0.01		0.4		0.3			
0020	120.82	RT	4	4	0.00		0.1		0.1			
0020	121.16	RT	15	15	0.01		0.5		0.4			
0020	122.19	RT	27	27	0.02		1.0		0.7			
0020	8.57"BEN"	LT	50	50	0.03		1.8		1.4			
0020	8.76"BEN"	LT	3	3	0.00		0.1		0.1			
0020	8.81"MON"	LT	5	5	0.00		0.2		0.1			
0020	9.04"MON"	RT	2	2	0.00		0.1		0.1			
0020	9.26"MON"	LT	7	7	0.00		0.3		0.2			
0020	10.67"HOL"	LT	20	20	0.01		0.7		0.5			
0020	9.36"QUA"	RT	12	12	0.01		0.4		0.3			
0020	9.45"QUA"	LT	8	8	0.01		0.3		0.2			
TOTAL 0200			566	566	0.36		20.4		15			

WATER SERVICES, 1 INCH

CATEGORY	STATION	LOCATION	SPV.0060.15		SPV.0090.07	
			CORPORATION CURB	WATER SERVICE	COPPER 1 INCH	COPPER 2 INCH
0020	102.68	34	RT	1	22	
0020	104.52	38.5	RT	1	27	
0020	104.95	27	LT	1	38	
0020	105.38	26	LT	1	39	
0020	107.31	33	RT	1	22	
0020	108.17	33	RT	1	21	
0020	109.52	33	RT	1	22	
0020	109.56	31	LT	1	43	
0020	110.60	31	LT	1	44	
0020	110.93	31	LT	1	44	
0020	111.48	33	RT	1	23	
0020	111.68	35	LT	1	45	
0020	112.42	31	RT	1	18	
0020	113.64	35	RT	1	22	
0020	114.93	33	RT	1	18	
0020	116.02	29	RT	1	13	
0020	8.57"BEN"	22	RT	1	68	
0020	8.68"BEN"	22	LT	1	20	
0020	118.49	21	LT	1	55	
0020	118.87	30	RT	1	20	
0020	119.50	31	RT	1	21	
0020	120.54	62	LT	1	29	
0020	121.16	55	LT	1	34	
0020	121.18	34	RT	1	61	
0020	122.19	47	RT	1	71	
TOTAL 0200			25		840	

WATER SERVICES, 2 INCH

CATEGORY	STATION	LOCATION	SPV.0060.14		SPV.0090.06	
			CORPORATION CURB STOP	WATER SERVICE	COPPER 2	COPPER 1 INCH
0020	106.63	34	RT	1	22	
TOTAL 0200				1	22	

SANITARY WYE AND LATERAL

CATEGORY	STATION	LOCATION	SPV.0060.16		SPV.0090.08	
			SANITARY SEWER	SANITARY SEWER	LATERAL, 4-INCH	LATERAL, 4-INCH
0020	104.90	57	LT	1	57	
0020	109.50	30	LT	1	23	
0020	110.71	31	LT	1	27	
0020	111.19	31	LT	1	27	
0020	111.68	35	LT	1	30	
0020	8.80"MON"	23	LT	1	19	
0020	9.04"MON"	33	RT	1	29	
0020	9.25"MON"	23	LT	1	19	
0020	8.50"BEN"	33	LT	1	21	
0020	8.52"BEN"	33	RT	1	32	
Total				9	284	

WATER MAIN PIPE

CATEGORY	From Station	To Location	Water Main 8-Inch (LF)	Water Main 6-Inch (LF)	STEEL WATER MAIN CASING 18 Inch (LF)	Water Main, Restrained Joint 8-Inch (LF)
0020	96.91	10	RT	97.22	40	65
0020	97.22	40	RT	98.23	40	
0020	98.23	40	RT	98.60	13	110
0020	101.99	12	RT	103.40	12	141
0020	102.95	12	RT	102.95	24	
0020	103.82.80	12	RT	104.46.80	12	12
0020	103.40	12	RT	103.66	12	64
0020	103.40	12	RT	103.52	41	
0020	106.80	12	RT	106.80	26	35
0020	103.66	12	RT	110.45	12	14
0020	110.45	12	RT	110.50	80	680
0020	110.45	12	RT	112.91	13	70
0020	111.70	12	RT	111.70	24	15
0020	112.91	13	RT	112.89	54	70
0020	112.91	13	RT	116.91	17	401
0020	116.91	17	RT	8.75 "BEN"	8	136
0020	8.75 "BEN"	8	RT	8.75 "BEN"	19	27
0020	116.91	17	RT	117.73	17	86
0020	117.40	20	RT	117.40	35	14
0020	117.73	17	RT	117.85	61	48
0020	117.73	17	RT	120.82	10	312
0020	120.81	11	RT	120.81	25	14
0020	120.82	10	RT	120.82	26	37
0020	120.82	26	LT	120.84	67	45
0020	120.84	67	LT	120.84	75	8
0020	120.82	26	LT	122.25	25	145
0020	122.25	25	LT	122.30	25	5
TOTAL				2243	468	64
						110

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WATER MAIN APPURTENANCES															
			SPV.0060.03	SPV.0060.11	SPV.0060.04	SPV.0060.02	SPV.0060.01	SPV.0060.05	SPV.0060.06	SPV.0060.07	SPV.0060.08	SPV.0060.09	SPV.0060.10	SPV.0060.12	SPV.0060.13
			FIRE HYDRANT	REMOVE EXISTING	SALVAGE AND	6 INCH WATER	8 INCH WATER	8 INCH X 6	6 INCH X 6	8 INCH X 8	6 INCH PLUG	8 INCH X 6	EXISTING WATER	EXISTING VALVE	VALVE MANHOLE
CATEGORY	STATION	LOCATION	EACH	HYDRANT	REINSTALL	VALVE AND BOX	VALVE AND BOX	INCH TEE	INCH TEE	INCH TEE	EACH	INCH REDUCER	CONNECT TO	ADJUST	EACH
0020	87.15	18 LT	1			1			1		1				
0020	97.00	11 RT					1					1			
0020	98.50	11 RT										1			1
0020	101.99	12 RT				1				1	1	1			
0020	102.95	12 RT						1							
0020	102.96	24 RT	1			1									
0020	103.40	12 RT				1	1	1							
0020	103.52	41 RT													
0020	103.66	12 RT								1				1	
0020	104.79	28 RT		1											
0020	106.63	35 RT	1			1		1							
0020	110.45	12 RT				1	1	1							
0020	110.50	80 RT													
0020	111.70	25 RT	1			1		1						1	
0020	112.00	16 RT		1											
0020	112.91	13 RT				1	1	1							
0020	112.89	54 LT												1	
0020	116.91	17 RT				1		1							
0020	117.40	35 RT	1			1		1							
0020	117.73	17 RT				1	1	1							
0020	117.85	61 RT												1	
0020	117.93	22 RT		1											
0020	120.82	10 RT					2			1					
0020	120.81	25 RT			1	1						1			
0020	120.82	26 LT					1			1					
0020	120.84	67 LT										1		1	
0020	122.30	25 LT	1									1			
TOTAL 0200			6	3	1	12	8	9	1	4	2	6	9	1	1

SANITARY SEWER MAIN						
CATEGORY	FROM STATION	LOCATION	TO STATION	LOCATION	SPV.0090.09	
0020	109.50.36	7.59 LT	111.62.56	6.41 LT	209	
0020	111.62.56	6.41 LT	113.14.03	29.9 LT	152	
0020	8+00.36 "MON"	4.71 LT	113.14.03	29.9 LT	174	
0020	113.14.03	29.9 LT	113.14.93	18.68 RT	46	
0020	8+48.84 "BEN"	5.34 LT	117.04.70	16.42 LT	133	
0020	117.04.70	11.96 LT	118.17.80	7.09 LT	62	
0020	117.04.70	16.42 LT	117.50.96	11.96 RT	42	
0020	117.57.91	12.75 RT	11.73.07 "HOL"	1 RT	182	
TOTAL 0200					1000	

SANITARY SEWER APPURTENANCES						
CATEGORY	STATION	LOCATION	SPV.0060.17	SPV.0060.18	SPV.0060.19	SPV.0060.20
			SANITARY MANHOLE	ADJUST EXISTING	CONNECT TO EXISTING	MANHOLE FRAME, LID AND CHIMNEY
0020	98.49	2 RT		1		
0020	109.50.36	7.59 LT	1			
0020	113.62.56	6.41 RT	1			
0020	113.4.93	18.68 RT	1			
0020	113.82	214 RT				1
0020	117.04.70	16.42 LT	1			
0020	117.50.94	11.96 RT	1			
0020	118.17.80	7.09 LT			1	1
0020	11.73.07 "HOL"	1 RT			1	1
0020	120.90	77 LT		1		
0020	8+00.36 "MON"	4.71 LT			1	1
0020	9+70.11	11.68 LT	1			
0020	8+48.84 "BEN"	5.34 LT	1			
TOTAL 0200			7	2	3	4

POLYSTYRENE INSULATION		
CATEGORY	Station	Location
0020	UNDISTRIBUTED	320
TOTAL 0200		320

CONCRETE SIDEWALK AND REMOVALS						
CATEGORY	STATION	LOCATION	204.0155	602.0405	602.0415	
			REMOVING CONCRETE	CONCRETE SIDEWALK, 4-INCH	CONCRETE SIDEWALK, 6-INCH	
0020	97.15	22 RT	9	80		
0020	102.68	34 RT	6	50		
0020	106.63	35 RT	4		40	
0020	107.31	33 RT	4	40		
0020	108.17	33 RT	4	40		
0020	109.52	33 RT	4	40		
0020	109.56	31 LT	4		40	
0020	110.60	31 LT	9	80		
0020	110.93	31 LT	4	40		
0020	111.19	31 LT	4	40		
0020	111.48	33 RT	4	40		
0020	111.68	35 LT	7		60	
0020	112.42	31 RT	4	40		
0020	113.64	35 RT	4	40		
0020	114.93	33 RT	4	10	30	
0020	116.02	29 RT	4	40		
0020	118.87	30 RT	4	40		
0020	119.50	31 RT	4	40		
0020	121.16	55 LT	4	40		
0020	122.19	47 RT	4	40		
TOTAL 0200			95	740	170	

CLEARING & GRUBBING						
CATEGORY	FROM	LOCATION	TO	LOCATION	201.0105	201.0205
					CLEARING STA	GRUBBING STA
0020	97.25	40 RT	98.25	40 RT	1	1
TOTAL 0200					1	1

BASE AGGREGATE & HMA PAVEMENT						
CATEGORY	FROM STATION	LOCATION	TO STATION	LOCATION	TON	TON
0020	8+30 "BEN"	CL	9+00 "BEN"	CL	2.3	128
0020	7+90 "MON"	CL	8+70 "MON"	CL	3.0	164
0020	10+85 "HOL"	CL	11+90 "HOL"	CL	3.0	170
TOTAL 0200					8.3	462