

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

CLEARING AND GRUBBING

STATION TO STATION	LOCATION	CLEARING	GRUBBING	REMARKS
		20101 STA.	20104 STA.	
813+00 - 814+00	MAINLINE	1	1	
816+00 - 817+00	MAINLINE	1	1	
818+00 - 819+00	MAINLINE	1	1	
826+00 - 831+00	MAINLINE	5	5	
833+00 - 844+00	MAINLINE	11	11	
849+00 - 855+00	MAINLINE	6	6	
859+00 - 869+00	MAINLINE	10	10	
897+50 - 898+50	MAINLINE	1	1	
900+00 - 901+00	MAINLINE	1	1	
907+00 - 915+00	MAINLINE	8	8	
921+00 - 935+00	MAINLINE	14	14	
937+00 - 941+00	MAINLINE	4	4	
944+00 - 948+00	MAINLINE	4	4	
949+00 - 957+00	MAINLINE	8	8	
965+00 - 981+00	MAINLINE	16	16	
983+00 - 991+00	MAINLINE	8	8	
993+00 - 1006+00	MAINLINE	13	13	
1009+00 - 1010+00	MAINLINE	1	1	
1028+00 - 1030+00	MAINLINE	2	2	
1069+00 - 1071+00	MAINLINE	2	2	
1092+00 - 1108+00	MAINLINE	16	16	
1111+00 - 1134+00	MAINLINE	23	23	
1136+00 - 1140+00	MAINLINE	4	4	
TOTAL 0010		160	160	

REMOVING SMALL PIPE CULVERT

STATION	LOCATION	20335 EACH	REMARKS
819+02	MAINLINE	1	24" X 48' CSCP
821+99	MAINLINE	2	24" X 46' CSCP & 30" X 46' RCCP
877+73	MAINLINE	1	18" X 50' CSCP
901+59	MAINLINE	1	36" X 54' CSCP
914+69	MAINLINE	1	18" X 44' CSCP
928+71	MAINLINE	1	24" X 94' CSCP
929+70	MAINLINE	1	15" X 44' CSCP
942+62	MAINLINE	1	36" X 50' CSCP
966+35	MAINLINE	1	18" X 42' CPCP
974+65	MAINLINE	1	24" X 46' CSCP
976+72	MAINLINE	1	36" X 48' CSCP
983+70	MAINLINE	1	24" X 48' CSCP
1015+07	MAINLINE	1	24" X 40' CSCP
1069+79	MAINLINE	1	24" X 46' CSCP
1094+15	MAINLINE	1	18" X 36' CSCP
1100+30	MAINLINE	1	15" X 48' CSCP
1113+70	MAINLINE	1	30" X 52' CSCP
1122+01	MAINLINE	1	18" X 54' CSCP
1126+28	MAINLINE	1	15" X 44' CSCP
1132+43	MAINLINE	1	30" X 50' CSCP
TOTAL 0010		21	

REMOVING ASPHALTIC SURFACE

STATION TO STATION	20402 S.Y.	REMARKS
818+97 - 819+07	9	MAINLINE CULVERT REMOVAL
821+94 - 822+04	9	MAINLINE CULVERT REMOVAL
877+68 - 877+78	9	MAINLINE CULVERT REMOVAL
914+64 - 914+74	9	MAINLINE CULVERT REMOVAL
966+30 - 966+40	9	MAINLINE CULVERT REMOVAL
1094+10 - 1094+20	9	MAINLINE CULVERT REMOVAL
1100+25 - 1100+35	9	MAINLINE CULVERT REMOVAL
TOTAL 0010		63

REMOVING MASONRY

STATION	LOCATION	20408 C.Y.	REMARKS
942+62	RT.	5	PORTION OF EXISTING WALL, SEE DETAIL FOR REMOVAL LIMITS
TOTAL 0010		5	

REMOVING GUARDRAIL

STATION TO STATION	LOCATION	20411 L.F.	REMARKS
941+05 - 943+80	RT.	275	
988+90 - 990+40	RT.	150	
989+10 - 990+35	LT.	125	
1116+00 - 1149+50	RT.	3200	
TOTAL 0010		3750	

REMOVING ASPHALTIC SURFACE, BUTT JOINTS

STATION	LOCATION	20419 S.Y.	REMARKS
794+00		183	MAINLINE
795+85	LT.	56	147TH AVENUE
817+50	LT.	56	150TH AVENUE
899+07	LT.	56	165TH AVENUE
960+78	LT.	56	215TH STREET
1051+29	LT.	56	180TH AVENUE
1163+00		183	MAINLINE
797+40	30' RT.	18	P.E.
951+90	30' RT.	18	P.E.
952+70	30' RT.	18	P.E.
983+20	40' RT.	18	P.E.
984+30	40' RT.	18	P.E.
1099+85	30' RT.	18	P.E.
1152+90	30' RT.	18	P.E.
793+60	30' LT.	18	P.E.
797+40	30' LT.	18	P.E.
808+50	30' LT.	18	P.E.
825+50	45' LT.	18	P.E.
12+25	75' RT.	18	P.E. TO 200TH STREET
894+00	30' LT.	18	P.E.
903+20	30' LT.	18	P.E.
909+90	40' LT.	18	P.E.
915+60	30' LT.	18	P.E.
918+10	30' LT.	18	P.E.
921+00	40' LT.	18	P.E.
923+00	30' LT.	18	P.E.
935+40	45' LT.	18	P.E.
948+80	40' LT.	18	P.E.
965+50	40' LT.	18	P.E.
1049+80	30' LT.	18	P.E.
1062+10	40' LT.	18	P.E.
1063+70	40' LT.	18	P.E.
TOTAL 0010		1096	

STATE PROJECT NUMBER: 8600-02-71

HWY: S.T.H. 178

COUNTY: CHIPPEWA

MISCELLANEOUS QUANTITIES

NOT TO SCALE

SHEET NO: 49

E

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

REMOVING ASPHALTIC SURFACE, MILLING

STATION TO STATION	LOCATION	20421		REMARKS
		TON		
794+00 - 823+00		780		MAINLINE
795+85	LT.	59		147TH AVENUE
817+50	LT.	51		150TH AVENUE
831+50 - 859+00		739		MAINLINE
880+50 - 899+00		497		MAINLINE
899+07	LT.	44		165TH AVENUE
904+00 - 906+50		67		MAINLINE
910+50 - 922+00		309		MAINLINE
946+00 - 969+00		618		MAINLINE
960+78	LT.	51		215TH STREET
997+50 - 1000+00		67		MAINLINE
1005+00 - 1008+50		94		MAINLINE
1031+50 - 1063+00		1541		MAINLINE
1051+29	LT.	44		180TH AVENUE
1074+00 - 1079+00		134		MAINLINE
1095+00 - 1110+00		403		MAINLINE
1161+75 - 1163+00		34		MAINLINE
TOTAL 0010		5532		

EXCAVATION

STATION TO STATION	LOCATION	COMMON		MARSH	SELECTED		REMARKS
		20501	E.B.S.		20505	20811	
		C.Y.	** C.Y.	C.Y.	C.Y.	C.Y.	
794+00 - 823+00	MAINLINE	1045	540	0	0	0	SHOULDER WIDENING/DITCHING
823+00 - 832+00	MAINLINE	5500	1656	0	1656	0	PROFILE ADJUSTMENT
832+00 - 859+00	MAINLINE	2648	1998	0	0	0	SHOULDER WIDENING/DITCHING
859+00 - 868+00	MAINLINE	2060	74	0	0	0	REALIGNMENT
868+00 - 899+00	MAINLINE	1503	762	0	0	0	SHOULDER WIDENING/DITCHING
899+00 - 911+00	MAINLINE	3720	1530	0	1600	0	PROFILE ADJUSTMENT
911+00 - 922+00	MAINLINE	400	0	0	0	0	SHOULDER WIDENING/DITCHING
922+00 - 946+00	MAINLINE	11223	4250	0	4250	0	PROFILE ADJUSTMENT
946+00 - 969+00	MAINLINE	2598	222	0	0	0	SHOULDER WIDENING/DITCHING
969+00 - 1032+00	MAINLINE	42817	3652	0	6304	0	REALIGNMENT/PROFILE ADJUSTMENT
1032+00 - 1063+00	MAINLINE	4522	2464	0	2464	0	ALIGNMENT SHIFT
1063+00 - 1074+00	MAINLINE	2758	1870	0	1870	0	PROFILE ADJUSTMENT
1074+00 - 1084+00	MAINLINE	1573	170	0	0	0	SHOULDER WIDENING/DITCHING
1084+00 - 1088+00	MAINLINE	2365	680	0	680	0	PROFILE ADJUSTMENT
1088+00 - 1110+00	MAINLINE	9284	1184	0	0	0	SHOULDER WIDENING/DITCHING
1110+00 - 1142+00	MAINLINE	36610	74	7802	7802	0	REALIGNMENT
1142+00 - 1150+00	MAINLINE	2054	592	0	592	0	ALIGNMENT SHIFT
1150+00 - 1163+00	MAINLINE	2161	1776	0	0	0	SHOULDER WIDENING/DITCHING
200TH STREET	SIDEROAD	403	0	0	0	0	
210TH STREET	SIDEROAD	71	0	0	0	0	
COBBAN BRIDGE	SIDEROAD	3	0	0	0	0	
190TH AVENUE	SIDEROAD	175	0	0	0	0	
49+50 - 54+00	OLD S.T.H. 178	1104	0	689	0	0	
TOTAL 0010		136597	23494	8491	27218		

** E.B.S. QUANTITY IS INCLUDED AND PAID AS COMMON EXCAVATION

NOTE: EXCAVATED MARSH MATERIAL SHALL BE PLACED TO MITIGATE WETLAND LOSS ALONG OLD S.T.H. 178 FROM 51+50 TO 54+00; EXCESS MARSH MATERIAL IS TO BE WASTED OFF SITE.

OBLITERATING OLD ROAD

STATION TO STATION	LOCATION	21401		REMARKS
		STA.		
1017+50 - 1025+50	RT.	8		OLD STH 178
1135+00 - 1139+00	RT.	4		OLD STH 178
TOTAL 0010		12		

CRUSHED AGGREGATE BASE COURSE

STATION TO STATION	CABC		OMP	REMARKS
	30404	TON	90365	
794+00 - 823+00	1880		1880	
823+00 - 831+50	2795		2795	
831+50 - 859+00	2680		2680	
859+00 - 868+00	2703		2703	
868+00 - 880+50	920		920	
880+50 - 899+00	834		834	
899+00 - 904+00	1741		1741	
904+00 - 906+50	28		28	
906+50 - 910+50	1250		1250	
910+50 - 922+00	724		724	
922+00 - 946+00	7897		7897	
946+00 - 969+00	1652		1652	
969+00 - 985+50	5100		5100	
985+50 - 997+50	3941		3941	
997+50 - 1000+00	352		352	
1000+00 - 1005+00	1644		1644	
1005+00 - 1008+50	385		385	
1008+50 - 1031+50	7641		7641	
1031+50 - 1063+00	5555		5555	
1063+00 - 1074+00	3667		3667	
1074+00 - 1079+00	185		185	
1079+00 - 1084+00	289		289	
1084+00 - 1088+00	1315		1315	
1088+00 - 1095+00	325		325	
1095+00 - 1110+00	781		781	
1110+00 - 1142+00	9712		9712	
1142+00 - 1150+00	2822		2822	
1150+00 - 1161+75	1145		1145	
1161+75 - 1163+00	122		122	
200TH STREET	377		377	
210TH STREET	285		285	
190TH AVENUE	271		271	
OTHER SIDEROADS DRIVEWAYS	300		300	
	510		510	
TOTAL		71828	71828	

STATE PROJECT NUMBER: 8600-02-71

HWY: S.T.H. 178

COUNTY: CHIPPEWA

MISCELLANEOUS QUANTITIES

NOT TO SCALE

SHEET NO: 50

E

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

SHAPING SHOULDERS

STATION TO STATION	LOCATION	30409 STA.	REMARKS
797+00 - 799+00	RT.	2	
803+00 - 805+00	RT.	2	
807+00 - 809+00	RT.	2	
893+00 - 899+00	RT.	6	
904+00 - 906+50	RT.	3	
913+00 - 920+00	RT.	7	
959+00 - 962+00	RT.	3	
999+00 - 1000+00	RT.	1	
1006+00 - 1008+00	RT.	2	
1031+50 - 1063+00	RT.	32	
1074+00 - 1076+00	RT.	2	
1088+00 - 1090+00	RT.	2	
1099+00 - 1102+00	RT.	3	
794+00 - 810+00	LT.	16	
873+00 - 889+00	LT.	16	
891+00 - 899+00	LT.	8	
904+00 - 906+50	LT.	3	
910+50 - 912+00	LT.	2	
913+00 - 922+00	LT.	9	
951+00 - 957+00	LT.	6	
964+00 - 969+00	LT.	5	
997+50 - 998+50	LT.	1	
1074+00 - 1084+00	LT.	10	
1088+00 - 1108+00	LT.	20	
TOTAL 0010		163	

BREAKER RUN STONE

LOCATION	30425 C.Y.	REMARKS
UNDISTRIBUTED	750	PROJECT
TOTAL 0010		750

DENSITY INCENTIVE, ASPHALTIC CONCRETE PAVEMENT

LOCATION	40728 DOL	REMARKS
FROM ITEM NO.40722	11700	TYPE E-1
FROM ITEM NO.40723	8060	TYPE E-3
TOTAL 0010		19760

ASPHALTIC CONCRETE PAVEMENT ITEMS

STATION TO STATION	ASPHALTIC CONCRETE PAVEMENT TYPE E-1 40722 TON	ASPHALTIC CONCRETE PAVEMENT TYPE E-3 40723 TON	ASPHALTIC MATERIAL FOR PLANT MIXES 40501 TON	ASPHALTIC MATERIAL FOR TACK COAT 40204 GAL.	OMP ASPHALTIC MIXTURE 40301 TON	REMARKS
794+00 - 823+00	931	931	112	483	1862	3.5" DEPTH
823+00 - 831+50	506	273	47	142	779	5.0" DEPTH
831+50 - 859+00	883	883	106	458	1766	3.5" DEPTH
859+00 - 868+00	536	289	50	150	825	5.0" DEPTH
868+00 - 880+50	745	401	69	208	1146	5.0" DEPTH
880+50 - 899+00	594	594	71	308	1188	3.5" DEPTH
899+00 - 904+00	298	160	27	83	458	5.0" DEPTH
904+00 - 906+50	80	80	10	42	160	3.5" DEPTH
906+50 - 910+50	239	128	22	67	367	5.0" DEPTH
910+50 - 922+00	369	369	44	192	738	3.5" DEPTH
922+00 - 946+00	1430	770	132	400	2200	5.0" DEPTH
946+00 - 969+00	738	738	89	383	1476	3.5" DEPTH
969+00 - 997+50	1761	948	163	492	2709	5.0" DEPTH
997+50 - 1000+00	80	80	10	42	160	3.5" DEPTH
1000+00 - 1005+00	298	160	27	83	458	5.0" DEPTH
1005+00 - 1008+50	113	113	14	58	226	3.5" DEPTH
1008+50 - 1031+50	1370	738	126	383	2108	5.0" DEPTH
1031+50 - 1063+00	1444	1011	147	525	2455	3.5" DEPTH RT.. 5.0" DEPTH LT.
1063+00 - 1074+00	655	353	60	183	1008	5.0" DEPTH
1074+00 - 1079+00	161	161	19	83	322	3.5" DEPTH
1079+00 - 1084+00	298	160	27	83	458	5.0" DEPTH
1084+00 - 1088+00	239	128	22	67	367	5.0" DEPTH
1088+00 - 1095+00	417	225	39	117	642	5.0" DEPTH
1095+00 - 1110+00	482	482	58	250	964	3.5" DEPTH
1110+00 - 1142+00	1922	1037	178	538	2959	5.0" DEPTH
1142+00 - 1150+00	476	257	44	133	733	5.0" DEPTH
1150+00 - 1161+75	700	377	65	196	1077	5.0" DEPTH
1161+75 - 1163+00	40	40	5	21	80	3.5" DEPTH
147TH AVENUE	41	41	5	25	82	3.0" DEPTH
150TH AVENUE	41	41	5	25	82	3.0" DEPTH
165TH AVENUE	41	41	5	25	82	3.0" DEPTH
215TH STREET	41	41	5	25	82	3.0" DEPTH
180TH AVENUE	41	41	5	25	82	3.0" DEPTH
200TH STREET	80	80	10	48	160	3.0" DEPTH
210TH STREET	61	61	7	37	122	3.0" DEPTH
COBBAN BRIDGE	18	18	2	11	36	3.0" DEPTH
TURN LANE& BYPASS	112	60	10	31	172	5.0" DEPTH
SHOULDERS&T&BEAM&GUARD	0	270	16	0	270	2.0" DEPTH
TOTAL		18281	12580	1853	6422	30861

PROFILE INDEX INCENTIVE, ASPHALTIC CONCRETE PAVEMENT

STATION TO STATION	NET LENGTH	NUMBER OF LANES	40729 DOL	REMARKS
794+00 1163+00	6.989	2	13980	
TOTAL 0010			13980	

STATE PROJECT NUMBER: 8600-02-71

HWY: S.T.H.178

COUNTY: CHIPPEWA

MISCELLANEOUS QUANTITIES

NOT TO SCALE

SHEET NO: 51

E

FILE NAME : L:\microstation\Projects\d6_86000201\030201_M0.DGN

PLOT DATE: 23-OCT-2002 15:56

PLOT NAME : 030203M0.J

Originator : 7-22-02 leo

PLOT SCALE : 200.000000:1.000000

WISDOT/CADDs SHEET 42

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

ASPHALTIC SURFACE, DETOURS

STATION TO STATION		41103 TON	REMARKS
C.T.H.	"Y"	1300	
C.T.H.	"R"	700	
TOTAL 0010		2000	

ASPHALTIC SURFACE, DRIVEWAYS AND FIELD ENTRANCES

STATION TO STATION	LOCATION	41105 TON	REMARKS
797+40	RT.	3	
951+90	RT.	3	
952+70	RT.	3	
983+20	RT.	4	
984+30	RT.	5	
1099+85	RT.	123	WAYSIDE DRIVE & LOT
1152+90	RT.	3	
793+60	LT.	3	
797+40	LT.	3	
808+50	LT.	3	
825+50	LT.	6	
12+25	RT.	15	P.E. TO 200TH STREET
894+00	LT.	3	
903+20	LT.	3	
909+90	LT.	5	
915+60	LT.	3	
918+10	LT.	3	
921+00	LT.	4	
923+00	LT.	3	
935+40	LT.	6	
948+80	LT.	5	
965+50	LT.	5	
1049+80	LT.	3	
1062+10 - 1063+90	LT.	61	HIST. MARKER DRIVE & LOT
TOTAL 0010		278	

CLEANING CULVERT PIPES

STATION TO STATION	LOCATION	52098 EACH	REMARKS
832+10	CROSS-DRAIN	1	
840+75	CROSS-DRAIN	1	
845+99	CROSS-DRAIN	1	
853+69	CROSS-DRAIN	1	
911+98	CROSS-DRAIN	1	
957+13	CROSS-DRAIN	1	
961+45	CROSS-DRAIN	1	
989+78	CROSS-DRAIN	1	
1000+20	CROSS-DRAIN	1	
1050+50	CROSS-DRAIN	1	
1061+64	CROSS-DRAIN	1	
1076+26	CROSS-DRAIN	1	
1105+02	CROSS-DRAIN	1	
1110+98	CROSS-DRAIN	1	
1142+05	CROSS-DRAIN	1	
1147+84	CROSS-DRAIN	1	
TOTAL 0010		16	

CORRUGATED STEEL CULVERT PIPE, 15-INCH

STATION	LOCATION	PIPE 52104 L.F.	ENDWALLS 52148 EACH	THICKNESS FT.	REMARKS
1000+20	CROSS-DRAIN	4	2	0.064	4' LT.
TOTAL 0010		4	2		

CORRUGATED STEEL CULVERT PIPE, 18-INCH

STATION	LOCATION	PIPE 52105 L.F.	ENDWALLS 52149 EACH	THICKNESS FT.	REMARKS
1050+50	CROSS-DRAIN	6	1	0.064	6' LT.
903+30	LT.	30	2	0.064	P.E.
933+80	LT.	30	2	0.064	P.E.
939+13	LT.	30	2	0.064	P.E.
978+42	LT.	30	2	0.064	P.E.
1002+57	LT.	30	2	0.064	P.E.
1012+39	LT.	30	2	0.064	P.E.
1060+35	LT.	30	2	0.064	P.E.
1078+25	LT.	30	2	0.064	P.E.
1131+50	LT.	30	2	0.064	P.E.
1161+70	RT.	30	2	0.064	P.E.
TOTAL 0010		306	21		

STATE PROJECT NUMBER: 8600-02-71

HWY: S.T.H. 178

COUNTY: CHIPPEWA

MISCELLANEOUS QUANTITIES

NOT TO SCALE

SHEET NO: 52

E

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

CORRUGATED STEEL CULVERT PIPE, 24-INCH

STATION	LOCATION	PIPE	ENDWALLS	THICKNESS	REMARKS
		52107 L.F.	52151 EACH		
845+99	CROSS-DRAIN	16	2	0.064	4' LT., 12' RT.
911+98	CROSS-DRAIN	6	2	0.064	6' LT.
957+13	CROSS-DRAIN	16	2	0.064	10' LT., 6' RT.
961+45	CROSS-DRAIN	6	1	0.064	6' LT.
998+33	CROSS-DRAIN	0	2	0.064	ENDWALLS ONLY
1105+02	CROSS-DRAIN	10	2	0.064	6' LT., 4' RT.
1142+05	CROSS-DRAIN	8	1	0.064	8' LT.
912+20	LT.	30	2	0.064	P.E.
TOTAL 0010		92	14		

REINFORCED CONCRETE CULVERT PIPE, CLASS III, 18-INCH

STATION TO STATION	LOCATION	PIPE	ENDWALLS	TIE BARS*	REMARKS
		52203 L.F.	52262 EACH		
917+57	CROSS-DRAIN	46	2	18	SKEW 17.5 DEGREES L.H.F.
917+40	CROSS-DRAIN	0	1	2	STORM SEWER OUTLET
922+50	CROSS-DRAIN	0	1	2	STORM SEWER OUTLET
1072+26	CROSS-DRAIN	0	1	2	STORM SEWER OUTLET
TOTAL 0010		46	5	24*	

* TIE BAR QUANTITY IS FOR BID INFORMATION ONLY.

CORRUGATED STEEL CULVERT PIPE, 30-INCH

STATION	LOCATION	PIPE	ENDWALLS	THICKNESS	REMARKS
		52109 L.F.	52152 EACH		
1076+26	CROSS-DRAIN	6	1	0.079	6' LT.
TOTAL 0010		6	1		

REINFORCED CONCRETE CULVERT PIPE, CLASS III, 24-INCH

STATION TO STATION	LOCATION	PIPE	ENDWALLS	TIE BARS*	REMARKS
		52205 L.F.	52264 EACH		
806+56	CROSS-DRAIN	0	2	4	ENDWALLS ONLY
819+02	CROSS-DRAIN	58	2	22	SKEW 9 DEGREES R.H.F.
840+75	CROSS-DRAIN	30	2	12	16' LT., 14' RT.
853+69	CROSS-DRAIN	16	2	8	8' LT., 8' RT.
861+86	CROSS-DRAIN	76	2	28	
935+00	CROSS-DRAIN	58	2	22	SKEW 30 DEGREES R.H.F.
966+35	CROSS-DRAIN	42	2	16	
983+70	CROSS-DRAIN	70	2	26	
1015+25	CROSS-DRAIN	128	4	46	SKEW 40 DEGREES L.H.F.; SET ELEV. SAME AS EXISTING PIPE
1069+79	CROSS-DRAIN	48	2	18	
1094+15	CROSS-DRAIN	50	2	18	
1100+30	CROSS-DRAIN	50	2	18	
1113+70	CROSS-DRAIN	78	0	28	SET ELEV. SAME AS EXISTING PIPE
1122+01	CROSS-DRAIN	64	2	24	
1134+80	CROSS-DRAIN	144	4	52	SKEW 45 DEGREES L.H.F.; SET ELEV. BOTH PIPES @ 955.00, W/ 0% SLOPE
11+20	SIDEROAD	58	2	22	210TH STREET
974+00	CROSS-DRAIN	0	1	2	STORM SEWER OUTLET
TOTAL 0010		970	35	366*	

* TIE BAR QUANTITY IS FOR BID INFORMATION ONLY.

CORRUGATED STEEL CULVERT PIPE, 48-INCH

STATION	LOCATION	PIPE	ENDWALLS	THICKNESS	REMARKS
		52113 L.F.	52155 EACH		
989+78	CROSS-DRAIN	38	2	0.109	16' LT., 22' RT.
TOTAL 0010		38	2		

REINFORCED CONCRETE CULVERT PIPE, CLASS III, 30-INCH

STATION	LOCATION	PIPE	ENDWALLS	TIE BARS*	REMARKS
		52207 L.F.	52266 EACH		
821+99	CROSS-DRAIN	136	4	50	
832+10	CROSS-DRAIN	12	2	6	6' LT., 6' RT.
877+50	CROSS-DRAIN	104	4	38	SKEW 20 DEGREES L.H.F.; SET ELEV. BOTH PIPES @ 951.00, W/ 0% SLOPE
901+59	CROSS-DRAIN	92	0	32	SET ELEV. BOTH PIPES @ 951.00, W/ 0% SLOPE
928+71	CROSS-DRAIN	118	2	42	SKEW 40 DEGREES R.H.F.
976+72	CROSS-DRAIN	70	2	26	
TOTAL 0010		532	14	194*	

* TIE BAR QUANTITY IS FOR BID INFORMATION ONLY.

STATE PROJECT NUMBER: 8600-02-71

HWY: S.T.H. 178

COUNTY: CHIPPEWA

MISCELLANEOUS QUANTITIES

NOT TO SCALE

SHEET NO: 53

E

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

REINFORCED CONCRETE APRON ENDWALLS FOR CULVERT PIPE, 36-INCH

STATION TO STATION	LOCATION	52267 TIE BARS*		REMARKS
		EACH	EACH	
798+02	CROSS-DRAIN	1	2	ENDWALL LT. ONLY
TOTAL 0010		1	2*	

* TIE BAR QUANTITY IS FOR BID INFORMATION ONLY.

REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CULVERT PIPE, CLASS HE-III, 43X68-INCH

STATION	LOCATION	52344 TIE BARS*		REMARKS
		L.F.	EACH	
942+62	CROSS-DRAIN	92	32	SET ELEV. BOTH PIPES @ 950.5, W/ 0% SLOPE
TOTAL 0010		92	32*	

* TIE BAR QUANTITY IS FOR BID INFORMATION ONLY.

SALVAGED CULVERT PIPE, 24-INCH

STATION	LOCATION	52407		REMARKS
		L.F.		
11+20	SIDEROAD	30		180TH AVENUE
825+54	LT.	30		P.E.
852+20	LT.	30		P.E.
858+90	LT.	30		P.E.
945+53	LT.	30		P.E.
956+00	LT.	30		P.E.
992+18	LT.	30		P.E.
1062+00	LT.	30		P.E.
1063+92	LT.	30		P.E.
12+25	RT.	30		P.E. TO 200TH STREET
TOTAL 0010		300		

CORRUGATED ALUMINUM CULVERT PIPE, 18-INCH

STATION	LOCATION	PIPE		THICKNESS	REMARKS
		52505	ENDWALLS 52552		
1110+98	CROSS-DRAIN	22	1	0.060	22' LT.
1147+84	CROSS-DRAIN	10	1	0.060	10' LT.
TOTAL 0010		32	2		

CORRUGATED POLYETHYLENE CULVERT PIPE, 18-INCH

STATION	LOCATION	53003		REMARKS
		L.F.		
1061+64	CROSS-DRAIN	10		10' LT.
TOTAL 0010		10		

CONCRETE CURB AND GUTTER, 36-INCH, TYPE D

STATION TO STATION	LOCATION	60170	
		L.F.	REMARKS
906+20 - 911+00	LT.	480	
913+50 - 927+20	LT.	1370	
935+50 - 938+50	LT.	300	
969+60 - 982+00	LT.	1240	
994+20 - 997+50	LT.	330	
1066+50 - 1074+50	LT.	800	
1107+50 - 1110+50	LT.	300	
1123+00 - 1127+30	LT.	430	
TOTAL 0010		5250	

HEAVY RIPRAP

STATION TO STATION	LOCATION	GEOTEXTILE FABRIC		REMARKS
		60602 C.Y.	TYPE HR 64506 S.Y.	
875+50 - 878+50	RT.	356	533	
876+50 - 878+50	LT.	148	222	
900+50 - 902+50	LT. & RT.	237	356	
917+50	RT.	19	28	CULVERT OUTLET
922+50	RT.	30	44	CULVERT OUTLET
928+71	RT.	7	11	CULVERT OUTLET
941+50 - 943+50	LT. & RT.	351	486	DRAP E FABRIC OVER EXIST. WALL RT.
956+50 - 958+50	RT.	133	200	
974+00	RT.	19	28	CULVERT OUTLET
976+72	RT.	30	44	CULVERT OUTLET
976+25 - 978+00	RT.	390	590	
989+00 - 990+50	LT.	111	167	DITCH
1004+50 - 1005+50	RT.	59	89	
1007+50 - 1008+50	LT.	67	100	
1008+50 - 1009+50	RT.	74	111	
1014+50 - 1016+50	LT.	267	400	
1059+50 - 1060+50	RT.	67	100	
1063+50 - 1064+50	RT.	74	111	
1069+79	RT.	11	17	CULVERT OUTLET
1070+50 - 1072+50	RT.	119	178	
1072+26	RT.	11	17	CULVERT OUTLET
1113+50 - 1114+50	LT.	104	156	
1131+50 - 1137+50	RT.	756	1133	
1132+50 - 1137+50	LT.	556	833	
TOTAL 0010		3996	5954	

REINFORCED CONCRETE PIPE, CLASS III, STORM SEWER ITEMS

STATION	LOCATION	18-INCH	24-INCH	INLETS	INLETS	INLET	INLET	REMARKS
		60827 L.F.	60829 L.F.	TYPE 3 61122 EACH	TYPE 9 61124 EACH	COVERS TYPE MS 61170 EACH	COVERS TYPE HM 61180 EACH	
917+40	CROSS-DRAIN	36	0	1	0	0	1	
922+50	CROSS-DRAIN	36	0	1	0	0	1	
974+00	CROSS-DRAIN	0	60	1	1	2	1	
1072+26	CROSS-DRAIN	40	0	1	0	0	1	
TOTAL 0010		112	60	4	1	2	4	

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

STEEL PLATE BEAM GUARD, CLASS A

STATION TO STATION	LOCATION	BEAM GUARD 61408 L.F.	ENERGY ABSORBING TERMINAL 61435 EACH	REMARKS
900+05 - 903+42.5	RT.	237.5	2	
899+80 - 903+05.0	LT.	225.0	2	
912+45 - 915+57.5	RT.	212.5	2	
919+72 - 923+84.5	RT.	312.5	2	
939+72.5 - 944+22.5	RT.	350.0	2	
940+54.5 - 944+54.5	LT.	300.0	2	
955+51.5 - 963+51.5	RT.	700.0	2	
972+68.5 - 979+43.5	RT.	575.0	2	
991+10 - 1001+22.5	RT.	912.5	2	
1002+80 - 1009+92.5	RT.	612.5	2	
1006+74.5 - 1009+74.5	LT.	200.0	2	
1012+71.5 - 1016+21.5	RT.	250.0	2	
1026+90 - 1067+02.5	RT.	3912.5	2	
1067+81.5 - 1077+56.5	RT.	875.0	2	
1109+11.5 - 1114+61.5	RT.	450.0	2	
1139+60 - 1149+72.5	RT.	912.5	2	
TOTAL 0010		11037.5	32	

ASPHALTIC FLUMES

STATION TO STATION	LOCATION	62203 S.Y.	REMARKS
906+20	LT.	7	
911+00	LT.	8	
913+50	LT.	8	
938+50	LT.	10	
969+60	LT.	7	
997+50	LT.	5	
1066+89.33	RT.	7	
1067+91.42	RT.	7	
1074+50	LT.	8	
1107+50	LT.	7	
1123+00	LT.	11	
TOTAL 0010		85	

WATER

LOCATION	62401 MGAL	REMARKS
PROJECT	100	FOR DUST CONTROL
TOTAL 0010	100	

LANDSCAPE RESTORATION ITEMS

STATION TO STATION	LOCATION	TOPSOIL 62501 S.Y.	SALVAGED TOPSOIL 62505 S.Y.	MULCHING 62702 S.Y.	FERTILIZER TYPE B 62905 CWT.	SEEDING TEMPORARY 63003 LB.	SEEDING MIXTURE NO. 10 63008 LB.	SEEDING MIXTURE NO. 20 63009 LB.	WETLAND RESTORATION SEEDING 90036A LB.	REMARKS
794+00 - 1163+00	MAINLINE	49374	98750	148124	95	1344	2815			
200TH STREET	SIDEROAD	222	445	667	1	6	12			
210TH STREET	SIDEROAD	148	296	444	1	4	8			
COBBAN BRIDGE	SIDEROAD	56	111	167	1	2	3			
190TH AVENUE	SIDEROAD	69	139	208	1	2	4			
OLD STH 178		1375	2748	4123	3	46	92			
923+00	930+00	323	645	968	1	13		27		TREE SEEDLING PLANTING AREA
974+00	979+00	807	1613	2420	2	33		67		TREE SEEDLING PLANTING AREA
988+00	991+00	403	807	1210	1	17		34		TREE SEEDLING PLANTING AREA
51+50	54+00	403	807	1210	1	3			6	WETLAND RESTORATION AREA
ENTIRE PROJECT	UNDISTRIBUTED	13295	26590	39885	27	367	735	19	1	
TOTAL 0010		66475	132951	199426	134	1837	3669	147	7	

TEMPORARY DITCH CHECKS

STATION	LOCATION	DELIVERED 62875 L.F.	INSTALLED 62876 L.F.	L.F. REMARKS
822+50	LT.	22.5	22.5	DITCH
824+00	LT.	22.5	22.5	DITCH
825+50	LT.	22.5	22.5	DITCH
827+00	LT.	22.5	22.5	DITCH
828+50	LT.	22.5	22.5	DITCH
865+00	LT.	22.5	22.5	DITCH
867+00	LT.	22.5	22.5	DITCH
869+00	LT.	22.5	22.5	DITCH
871+00	LT.	22.5	22.5	DITCH
873+00	LT.	22.5	22.5	DITCH
903+50	LT.	22.5	22.5	DITCH
905+00	LT.	22.5	22.5	DITCH
912+50	LT.	22.5	22.5	DITCH
928+00	LT.	22.5	22.5	DITCH
930+00	LT.	22.5	22.5	DITCH
932+00	LT.	22.5	22.5	DITCH
933+00	LT.	22.5	22.5	DITCH
934+00	LT.	22.5	22.5	DITCH
935+00	LT.	22.5	22.5	DITCH
939+00	LT.	22.5	22.5	DITCH
940+00	LT.	22.5	22.5	DITCH
962+75	LT.	22.5	22.5	DITCH
964+00	LT.	22.5	22.5	DITCH
965+25	LT.	22.5	22.5	DITCH
966+50	LT.	22.5	22.5	DITCH
967+75	LT.	22.5	22.5	DITCH
969+00	LT.	22.5	22.5	DITCH
977+00	LT.	22.5	22.5	DITCH
978+00	LT.	22.5	22.5	DITCH
979+00	LT.	22.5	22.5	DITCH
980+00	LT.	22.5	22.5	DITCH
983+00	LT.	22.5	22.5	DITCH
985+00	LT.	22.5	22.5	DITCH
986+00	LT.	22.5	22.5	DITCH
987+00	LT.	22.5	22.5	DITCH
988+00	LT.	22.5	22.5	DITCH
989+00	LT.	22.5	22.5	DITCH
991+50	LT.	22.5	22.5	DITCH
992+75	LT.	22.5	22.5	DITCH
994+00	LT.	22.5	22.5	DITCH
996+00	LT.	22.5	22.5	DITCH
997+00	LT.	22.5	22.5	DITCH
998+00	LT.	22.5	22.5	DITCH
1002+00	LT.	22.5	22.5	DITCH
1003+00	LT.	22.5	22.5	DITCH
1004+00	LT.	22.5	22.5	DITCH
1005+00	LT.	22.5	22.5	DITCH
1006+00	LT.	22.5	22.5	DITCH
1007+00	LT.	22.5	22.5	DITCH
1063+25	LT.	22.5	22.5	DITCH
1064+50	LT.	22.5	22.5	DITCH
1065+50	LT.	22.5	22.5	DITCH
1075+00	LT.	22.5	22.5	DITCH
1085+00	LT. & RT.	45.0	45.0	DITCH
1087+00	LT. & RT.	45.0	45.0	DITCH
1119+00	LT.	22.5	22.5	DITCH
1121+50	LT.	22.5	22.5	DITCH
PROJECT	UNDISTRIBUTED	332.5	332.5	
TOTAL 0010		1660	1660	

STATE PROJECT NUMBER: 8600-02-71

HWY: S.T.H. 178

COUNTY: CHIPPEWA

MISCELLANEOUS QUANTITIES

NOT TO SCALE

SHEET NO: 55

E

FILE NAME : L:\microstation\Projects\sd6_86000201\030201-MQ.DGN

PLOT DATE: 23-OCT-2002 15:56

PLOT NAME : 030207M0.J

Originator : T-22-02 leo

PLOT SCALE : 200.000000:1.000000

WISDOT/CADDs SHEET 42

SILT FENCE

STATION TO STATION	LOCATION	DELIVERED	INSTALLED	MAINTENANCE	REMARKS
		62815 L.F.	62816 L.F.	62817 L.F.	
810+50 - 813+50	RT. TOE	300	300	300	
810+50 - 815+50	LT. TOE	500	500	500	
817+50 - 818+50	LT. TOE	100	100	100	
820+00 - 824+50	RT. TOE	450	450	450	
821+50 - 822+50	LT. TOE	100	100	100	
825+50 - 838+50	RT. TOE	1300	1300	1300	
839+50 - 843+50	RT. TOE	400	400	400	
846+50 - 862+50	RT. TOE	1600	1600	1600	
920+50 - 923+50	RT. TOE	300	300	300	
924+50 - 925+50	RT. TOE	100	100	100	
927+50 - 931+50	RT. TOE	400	400	400	
937+00 - 940+50	RT. TOE	350	350	350	
952+00 - 955+00	RT. TOE	300	300	300	
961+50 - 966+50	RT. TOE	500	500	500	
969+00 - 976+50	RT. TOE	750	750	750	
978+00 - 979+50	RT. TOE	150	150	150	
985+50 - 990+50	RT. TOE	500	500	500	
992+50 - 996+50	RT. TOE	400	400	400	
999+50 - 1000+50	LT. & RT. TOE	200	200	200	
1003+50 - 1005+50	RT. TOE	200	200	200	
1013+00 - 1015+00	RT. TOE	200	200	200	
1063+50 - 1066+50	RT. TOE	300	300	300	
1068+50 - 1074+50	RT. TOE	600	600	600	
1094+50 - 1098+50	RT. TOE	400	400	400	
1104+50 - 1109+50	RT. TOE	500	500	500	
1110+50 - 1115+50	RT. TOE	500	500	500	
1119+50 - 1129+50	RT. TOE	1000	1000	1000	
PROJECT	UNDISTRIBUTED	3000	3000	3000	
TOTAL 0010		15400	15400	15400	

TURBIDITY BARRIERS

STATION TO STATION	LOCATION	62860	REMARKS
		S.Y.	
901+00 - 902+00	RT.	67	ASSUMED 6' WATER DEPTH
941+50 - 943+00	RT.	133	ASSUMED 8' WATER DEPTH
1014+75 - 1015+25	RT.	33	ASSUMED 6' WATER DEPTH
1132+00 - 1133+50	RT.	67	ASSUMED 4' WATER DEPTH
TOTAL 0010		300	

INLET PROTECTION, TYPE A & C

STATION TO STATION	LOCATION	TYPE A	TYPE C	REMARKS
		62870 EACH	62872 EACH	
917+40	15' LT.	-	1	
922+50	15' LT.	-	1	
974+00	17' LT.	-	1	
974+00	29' LT.	1	-	
1072+26	15' LT.	-	1	
TOTAL 0010		1	4	

EROSION MAT, CLASS I, II & III, TYPE B

STATION TO STATION	LOCATION	CLASS I TYPE B DELIVERED 62824 S.Y.	CLASS I TYPE B INSTALLED 62825 S.Y.	CLASS II TYPE B DELIVERED 62832 S.Y.	CLASS II TYPE B INSTALLED 62833 S.Y.	CLASS III TYPE B DELIVERED 62842 S.Y.	CLASS III TYPE B INSTALLED 62843 S.Y.	REMARKS
928+50 - 930+50	RT.	911	911	-	-	-	-	
969+50 - 970+50	RT.	278	278	-	-	-	-	
973+50 - 976+50	RT.	1144	1144	-	-	-	-	
985+50 - 986+50	RT.	244	244	-	-	-	-	
987+50 - 988+50	LT.	344	344	-	-	-	-	
988+50 - 989+50	RT.	278	278	-	-	-	-	
992+50 - 997+50	LT.	2167	2167	-	-	-	-	
1001+50 - 1004+50	LT.	767	767	-	-	-	-	
1008+50 - 1014+50	LT.	1533	1533	-	-	-	-	
1056+50 - 1057+50	RT.	56	56	-	-	-	-	
1077+50 - 1093+50	LT.	2133	2133	-	-	-	-	
1095+50 - 1096+50	LT.	489	489	-	-	-	-	
1099+50 - 1100+50	LT.	500	500	-	-	-	-	
1102+50 - 1106+50	LT.	500	500	-	-	-	-	
1112+50 - 1113+50	LT.	233	233	-	-	-	-	
1114+50 - 1116+50	LT.	544	544	-	-	-	-	
1118+50 - 1121+50	LT.	678	678	-	-	-	-	
1122+50 - 1132+50	LT.	4646	4646	-	-	-	-	
900+50 - 901+50	RT.	-	-	33	33	-	-	
921+50 - 923+50	RT.	-	-	333	333	-	-	
930+50 - 931+50	RT.	-	-	300	300	-	-	
941+50 - 942+50	LT.	-	-	89	89	-	-	
969+50 - 970+50	LT.	-	-	356	356	-	-	
973+50 - 976+50	LT.	-	-	1592	1592	-	-	
977+50 - 978+50	RT.	-	-	444	444	-	-	
999+50 - 1000+50	RT.	-	-	356	356	-	-	
1005+50 - 1006+50	RT.	-	-	56	56	-	-	
1055+50 - 1056+50	RT.	-	-	56	56	-	-	
1057+50 - 1058+50	RT.	-	-	33	33	-	-	
1064+50 - 1066+50	RT.	-	-	100	100	-	-	
1073+50 - 1074+50	RT.	-	-	33	33	-	-	
1093+50 - 1095+50	LT.	-	-	1015	1015	-	-	
1096+50 - 1099+50	LT.	-	-	1478	1478	-	-	
1100+50 - 1102+50	LT.	-	-	878	878	-	-	
1110+50 - 1113+50	RT.	-	-	467	467	-	-	
900+50 - 902+50	LT.	-	-	-	-	111	111	
920+50 - 921+50	RT.	-	-	-	-	144	144	
928+50 - 929+50	RT.	-	-	-	-	333	333	
942+50 - 943+50	LT.	-	-	-	-	56	56	
956+50 - 958+50	RT.	-	-	-	-	156	156	
960+50 - 962+50	RT.	-	-	-	-	144	144	
970+50 - 973+50	LT.	-	-	-	-	344	344	
976+50 - 977+50	RT.	-	-	-	-	411	411	
992+50 - 993+50	RT.	-	-	-	-	200	200	
1004+50 - 1005+50	RT.	-	-	-	-	233	233	
1007+50 - 1008+50	LT.	-	-	-	-	67	67	
1008+50 - 1009+50	RT.	-	-	-	-	67	67	
1013+50 - 1014+50	RT.	-	-	-	-	100	100	
1035+50 - 1036+50	RT.	-	-	-	-	89	89	
1058+50 - 1060+50	RT.	-	-	-	-	100	100	
1063+50 - 1064+50	RT.	-	-	-	-	89	89	
1069+50 - 1073+50	RT.	-	-	-	-	422	422	
1075+50 - 1076+50	RT.	-	-	-	-	44	44	
1147+50 - 1148+50	RT.	-	-	-	-	56	56	
PROJECT	UNDISTRIBUTED	4360	4360	1900	1900	790	790	
TOTAL 0010		21805	21805	9519	9519	3956	3956	

STATE PROJECT NUMBER: 8600-02-71

HWY: S.T.H. 178

COUNTY: CHIPPEWA

MISCELLANEOUS QUANTITIES

NOT TO SCALE

SHEET NO: 56 E

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

SIGN #	SIMS #	ROUTE	STATION	MILE MARKER	SIGN CODE	W	H	SIGN DESCRIPTION	63702 SIGNS TYPE II REFLECTIVE SQ. FT.	63412 WOOD POSTS 4"x6"x16"	63827 REMOVING SIGNS TYPE II EACH	63830 REMOVING SMALL SIGN SUPPORTS EACH	REMARKS
200	107	_178S	793+99 RT	10.21	W14-3	48x36		No Passing Zone	12.00		1		REPLACE SIGN ONLY
201	863	_178N	799+60 LT	12.05	W14-3	48x36		No Passing Zone	12.00		1		REPLACE SIGN ONLY
202	106	_178S	807+30 LT	9.96	W11-6	30x30		Snowmobile Crossing Symbol	6.25		1		REPLACE SIGN ONLY
203	27962	_178N	807+30 RT	12.21	W2-2	30x30		Side Road (90 Degrees)	6.25		1		REPLACE SIGN ONLY
204	354	_178N	813+50 RT	12.31	D5-64-R	60x36		Historical Marker (Right Arrow)	15.00		1		REPLACE SIGN ONLY
205	866	_178N	814+90 RT	12.33	R1-1	30x30		Stop	6.25		1		REPLACE SIGN ONLY
206	105	_178S	814+95 LT	9.81	D5-64-L	60x36		Historical Marker (Left Arrow)	15.00		1		REPLACE SIGN ONLY
207	260	_178N	816+05 RT	12.36	W54-57	30x30		Truck Entrance	6.25		1		REPLACE SIGN ONLY
208	867	_178N	816+05 LT	12.37	W14-3	48x36		No Passing Zone	12.00		1		REPLACE SIGN ONLY
209	104	_178S	816+20 RT	9.81	W14-3	48x36		No Passing Zone	12.00		1		REPLACE SIGN ONLY
210	16194	_178S	816+20 LT	9.79	A---Adopt	30x36		Adopt-A-Highway	7.50		1		REPLACE SIGN ONLY
211	NONE	200TH ST	-	-	W3-1	36x36		Stop Ahead	9.00	1			INSTALL SIGN AND POST
212	NONE	200TH ST	-	-	W1-6	48x24		Night Arrow (Single)	8.00	1			INSTALL SIGN AND POST
213	31106	_178N	834+80 RT	12.71	R1-1	30x30		Stop	6.25		1		REPLACE SIGN ONLY
214	99	_178S	835+45 RT	9.45	W14-3	48x36		No Passing Zone	12.00		1		REPLACE SIGN ONLY
215	98	_178S	839+38 LT	9.35	D5-63	60x36		Historical Marker [1/2] Mile	15.00		1		REPLACE SIGN ONLY
216	358	_178N	844+50 LT	12.91	W14-3	48x36		No Passing Zone	12.00		1		REPLACE SIGN ONLY
217	360	_178N	850+75 RT	13.09	W1-2-R	30x30		Right Curve	6.25		1		REPLACE SIGN ONLY
218	95	_178S	869+20 RT	8.79	W14-3	48x36		No Passing Zone	12.00		1		REPLACE SIGN ONLY
219	362	_178N	871+70 LT	13.46	W14-3	48x36		No Passing Zone	12.00		1		REPLACE SIGN ONLY
220	91	_178S	885+20 RT	8.48	W14-3	48x36		No Passing Zone	12.00		1		REPLACE SIGN ONLY
221	5899	_178S	898+60 LT	8.22	R1-1	30x30		Stop	6.25		1		REPLACE SIGN ONLY
222	363	_178N	899+65 LT	13.97	W14-3	48x36		No Passing Zone	12.00		1		REPLACE SIGN ONLY
223	90	_178S	914+00 RT	7.93	W14-3	48x36		No Passing Zone	12.00		1		REPLACE SIGN ONLY
224	364	_178N	917+00 LT	14.31	W14-3	48x36		No Passing Zone	12.00		1		REPLACE SIGN ONLY
225	365	_178N	918+00 RT	14.33	S3-1	30x30		School Bus Stop Ahead	6.25		1		REPLACE SIGN ONLY
226	NONE	STH 178	924+30 RT	-	W1-2R	30x30		Right Curve	6.25	1			INSTALL SIGN AND POST
227	NONE	210TH ST	-	-	W3-1	36x36		Stop Ahead	9.00	1			INSTALL SIGN AND POST
228	88	_178S	934+10 LT	7.58	S3-1	30x30		School Bus Stop Ahead	6.25		1		REPLACE SIGN ONLY
229	NONE	178S	939+50 LT	-	W1-2L	30x30		Right Reverse Curve	6.25	1			INSTALL SIGN AND POST
230	87	_178S	943+40 RT	7.37	W5-52-L	12x36		Clearance Striper Down Right	3.00		1		REPLACE SIGN ONLY
231	878	_178N	941+20 RT	14.74	W5-52-R	12x36		Clearance Striper Down Left	3.00		1		REPLACE SIGN ONLY
232	NONE	_178S	943+40 RT	-	W5-52-L	12x36		Clearance Striper Down Right	3.00	1			INSTALL SIGN AND POST
233	NONE	178S	943+40 LT	-	W5-52R	12x36		Clearance Striper Down Left	3.00	1			INSTALL SIGN AND POST
234	16146	_178N	951+00 RT	14.94	W1-6	48x24		Night Arrow (Single)	8.00		1		REPLACE SIGN ONLY
235	16191	_178S	953+20 RT	7.19	W1-6	48x24		Night Arrow (Single)	8.00		1		REPLACE SIGN ONLY
236	82	_178S	957+90 LT	7.11	S3-1	30x30		School Bus Stop Ahead	6.25		1		REPLACE SIGN ONLY
237	83	_178S	960+30 LT	7.06	R1-1	30x30		Stop	6.25		1		REPLACE SIGN ONLY
238	16189	_178S	964+85 LT	7	W1-4-L	30x30		Left Reverse Curve	6.25		1		REPLACE SIGN ONLY
239	16190	_178S	964+85 LT	7	W13-1	18x18		Advisory Speed Plate (Yellow Back)	2.25		1		REPLACE SIGN ONLY
240	374	_178N	987+00 RT	15.57	S3-1	30x30		School Bus Stop Ahead	6.25		1		REPLACE SIGN ONLY
241	80	_178S	998+00 LT	6.3	S3-1	30x30		School Bus Stop Ahead	6.25		1		REPLACE SIGN ONLY
242	NONE	178S	1000+50 RT	-	W1-2L	30x30		Left Curve	6.25	1			INSTALL SIGN AND POST
243	NONE	178S	1028+90 LT	-	W1-2R	30x30		Right Curve	6.25	1			INSTALL SIGN AND POST
244	378	_178N	1034+25 RT	16.52	D5-63	60x36		Historical Marker [1/2] Mile	15.00		1		REPLACE SIGN ONLY
245	16187	_178S	1037+80 RT	5.6	W1-6	48x24		Night Arrow (Single)	8.00		1		REPLACE SIGN ONLY
246	16149	_178N	1038+00 RT	16.56	W1-6	48x24		Night Arrow (Single)	8.00		1		REPLACE SIGN ONLY
247	16150	_178N	1048+90 RT	16.8	W1-6	48x24		Night Arrow (Single)	8.00		1		REPLACE SIGN ONLY
248	16186	_178S	1049+60 RT	5.36	W1-6	48x24		Night Arrow (Single)	8.00		1		REPLACE SIGN ONLY
249	NONE	178N	1055+30 RT	-	M2-1	21x15		JCT					SIGN TO REMAIN AS IS
250	NONE	178N	1055+30 RT	-	M1-5A	24x24		County Marker					SIGN TO REMAIN AS IS
251	16151	_178N	1057+35 RT	16.96	W1-6	48x24		Night Arrow (Single)	8.00		1		REPLACE SIGN ONLY
252	16185	178S	1058+00 RT	5.06	W1-6	48x24		Night Arrow (Single)	8.00		1		REPLACE SIGN ONLY
253	379	_178N	1062+00 RT	17.05	D5-64-L	60x36		Historical Marker (Left Arrow)	15.00		1		REPLACE SIGN ONLY
254	NONE	178S	1060+40 LT	-	M1-6	24x24		State Route Marker					SIGN TO REMAIN AS IS
255	NONE	178S	1060+40 LT	-	M3-3	24x12		South					SIGN TO REMAIN AS IS
256	75	_178S	1064+55 LT	5.06	D5-64-R	60x36		Historical Marker (Right Arrow)	15.00		1		REPLACE SIGN ONLY
257	NONE	178N	1067+15 RT	-	M1-5A	24x24		County Marker					SIGN TO REMAIN AS IS
258	NONE	178N	1067+15 RT	-	M6-1	21x21		Arrow (Right, Left, Ahead)					SIGN TO REMAIN AS IS
259	891	178N	1067+75 RT	17.16	R1-1	36x36		Stop	9.00		1		REPLACE SIGN ONLY
260	NONE	178S	1067+75 LT	17.16	M1-5A	24x24		County Marker					SIGN TO REMAIN AS IS
261	NONE	178S	1067+75 LT	17.16	M6-1	21x21		Arrow (Right, Left, or Ahead)					SIGN TO REMAIN AS IS
262	16161	178N	1067+80 RT	17.17	M6-4	21x21		Arrow (Left or Right)	3.06		1		REPLACE SIGN ONLY
263	16160	178N	1067+80 RT	17.17	M1-6	24x24		State Route Marker	4.00		1		REPLACE SIGN ONLY
264	NONE	178N	1070+70 RT	-	M6-1	24x24		State Route Marker					SIGN TO REMAIN AS IS
265	NONE	178N	1070+70 RT	-	M3-1	24x12		North					SIGN TO REMAIN AS IS

continued

STATE PROJECT NUMBER: 8600-02-71

HWY: S.T.H. 178

COUNTY: CHIPPEWA

PERMANENT SIGNING QUANTITIES

NOT TO SCALE

SHEET NO: 57 E

FILE NAME : L:\microstation\Projects\d6_86000201\023215-ps.dgn

PLOT DATE: 10-SEP-2002 11:13

PLOT NAME : 023215psa.i

Originator : 7-23-02 leo

PLOT SCALE : 200.000000:1.000000

WISDOT/CADS SHEET 42

LEVELS ON * 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

continued

SIGN #	SIMS #	ROUTE	STATION	WILE MARKER	SIGN CODE	W H	SIGN DESCRIPTION	63702 SIGNS TYPE II REFLECTIVE SQ. FT.	63412 WOOD POSTS 4"x6"x16'	63827 REMOVING SIGNS TYPE II EACH	63830 REMOVING SMALL SIGN SUPPORTS EACH	REMARKS
266	381	_178N	1072+40	RT	17.26	W1-2-L	30x30	Left Curve	6.25		1	REPLACE SIGN ONLY
267	384	_178N	1075+20	RT	17.3	DB5-69B	48x 9	Boat Landing	3.00		1	REPLACE SIGN ONLY
268	382	_178N	1075+20	RT	17.3	D5-61	48x24	Wayside [1/2] Mile	8.00		1	REPLACE SIGN ONLY
269	NONE	178S	1075+80	LT	-	M1-5A	24x24	County Marker				SIGN TO REMAIN AS IS
270	NONE	178S	1075+80	LT	-	M2-1	21x15	JCT				SIGN TO REMAIN AS IS
271	72	_178S	1082+40	LT	4.6	W1-2-R	30x30	Right Curve	6.25		1	REPLACE SIGN ONLY
272	70	_178S	1092+00	LT	4.56	D5-63	60x36	Historical Marker [1/2] Mile	15.00		1	REPLACE SIGN ONLY
273	387	_178N	1099+30	RT	17.76	D5-62-R	48x24	Wayside (RIGHT Arrow)	8.00		1	REPLACE SIGN ONLY
274	69	_178S	1100+30	LT	4.4	D5-62-L	48x24	Wayside (LEFT Arrow)	8.00		1	REPLACE SIGN ONLY
275	898	_178N	1100+50	RT	17.77	R1-1	30x30	Stop	6.25		1	REPLACE SIGN ONLY
276	68	_178S	1100+99	RT	4.38	W14-3	48x36	No Passing Zone	12.00		1	REPLACE SIGN ONLY
277	900	_178N	1106+00	LT	17.86	W14-3	48x36	No Passing Zone	12.00		1	REPLACE SIGN ONLY
278	60	_178S	1127+80	LT	3.85	D5-61	48x24	Wayside [1/2] Mile	8.00		1	REPLACE SIGN ONLY
279	61	_178S	1127+80	LT	3.85	DB5-69B	48x 9	Boat Landing	3.00		1	REPLACE SIGN ONLY
280	2367	_178N	1143+85	RT	18.62	W13-1	18x18	Advisory Speed Plate (Yellow Back)	2.25		1	REPLACE SIGN ONLY
281	399	_178N	1143+85	RT	18.62	W1-2-L	30x30	Left Curve	6.25		1	REPLACE SIGN ONLY
283	2366	_178S	1155+00	LT	3.32	W1-2-R	30x30	Right Curve	6.25		1	REPLACE SIGN ONLY
282	53	_178S	1153+40	RT	3.35	W14-3	48x36	No Passing Zone	12.00		1	REPLACE SIGN ONLY
284	910	_178N	1158+10	LT	18.9	W14-3	48x36	No Passing Zone	12.00		1	REPLACE SIGN ONLY
285	402	178N	1159+00	RT	18.91	M2-1	21x15	JCT	2.19		1	REPLACE SIGN ONLY
286	401	178N	1159+00	RT	18.91	M1-5A	24x24	County Marker	4.00		1	REPLACE SIGN ONLY
287	403	_178N	1169+90	LT	19	W5-52-L	12x36	Clearance Striper Down Right	3.00		1	REPLACE SIGN ONLY
288	404	_178N	1169+90	RT	19	W5-52-R	12x36	Clearance Striper Down Left	3.00		1	REPLACE SIGN ONLY
289	49	178S	1165+00	RT	19	W5-52-L	12x36	Clearance Striper Down Right	3.00		1	REPLACE SIGN ONLY
290	48	178S	1165+00	LT	19	W5-52-R	12x36	Clearance Striper Down Left	3.00		1	REPLACE SIGN ONLY
291	46	178S	1168+00	LT	3.081	M1-6	24x24	State Route Marker	4.00		1	REPLACE SIGN ONLY
292	47	178S	1168+00	LT	3.081	M6-4	21x21	Arrow (Left or Right)	3.06		1	REPLACE SIGN ONLY
293	45	178S	1168+05	LT	3.08	R1-1	36x36	Stop	9.00		1	REPLACE SIGN ONLY
294	406	178N	1169+05	RT	19.09	M1-5A	24x24	County Marker	4.00		1	REPLACE SIGN ONLY
295	407	178N	1169+05	RT	19.09	M6-1	21x21	Arrow (Right, Left, or Ahead)	3.06		1	REPLACE SIGN ONLY
Column Totals								* 650.13	* 9	* 75		

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

LEVELS ON * 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

SIGN	SIMS	ROUTE	STATION	WILE MARKER	SIGN CODE	W	H	SIGN DESCRIPTION	63702 SIGNS TYPE II REFLECTIVE SQ. FT.	63412 WOOD POSTS 4"x6"x16"	63827 REMOVING SIGNS TYPE II EACH	63830 REMOVING SMALL SIGN SUPPORTS EACH	REMARKS
300	359	_178N	850+70 RT	13.09	W13-1	18	x 18	Advisory Speed Plate (Yellow Back)			1	1	REMOVE SIGN AND POST
301	871	_178N	863+10 LT	13.25	W1-6	48	x 24	Night Arrow (Single)			1	1	REMOVE SIGN AND POST
302	96	_178S	863+20 LT	8.91	W1-6	48	x 24	Night Arrow (Single)			1	1	REMOVE SIGN AND POST
303	97	_178S	871+50 LT	8.76	W13-1	18	x 18	Advisory Speed Plate (Yellow Back)			1	1	REMOVE SIGN AND POST
304	366	_178N	920+60 RT	14.44	W1-4-R	30	x 24	Right Reverse Curve			1	1	REMOVE SIGN AND POST
305	367	_178N	920+60 RT	14.44	W13-1	18	x 18	Advisory Speed Plate (Yellow Back)			1	1	REMOVE SIGN AND POST
306	16192	_178S	942+20 LT	7.38	W1-4-L	30	x 30	Left Reverse Curve			1	1	REMOVE SIGN AND POST
307	16193	_178S	942+20 LT	7.38	W13-1	18	x 18	Advisory Speed Plate (Yellow Back)			1	1	REMOVE SIGN AND POST
308	371	_178N	971+00 RT	15.32	W1-4-L	30	x 24	Left Reverse Curve			1	1	REMOVE SIGN AND POST
309	372	_178N	907+00 RT	15.32	W13-1	18	x 18	Advisory Speed Plate (Yellow Back)			1	1	REMOVE SIGN AND POST
310	373	_178N	972+90 RT	15.35	W1-6	48	x 24	Night Arrow (Single)			1	1	REMOVE SIGN AND POST
311	16188	_178S	974+20 RT	6.75	W1-6	48	x 24	Night Arrow (Single)			1	1	REMOVE SIGN AND POST
312	16147	_178N	977+80 LT	15.44	W1-6	48	x 24	Night Arrow (Single)			1	1	REMOVE SIGN AND POST
313	2368	_178S	978+00 LT	6.7	W1-6	48	x 24	Night Arrow (Single)			1	1	REMOVE SIGN AND POST
314	2369	_178S	979+00 LT	6.69	W1-8	18	x 24	Chevron			1	1	REMOVE SIGN AND POST
315	2371	_178S	979+80 LT	6.67	W1-8	18	x 24	Chevron			1	1	REMOVE SIGN AND POST
316	2370	_178S	980+70 LT	6.68	W1-8	18	x 24	Chevron			1	1	REMOVE SIGN AND POST
317	85	_178S	983+70 LT	6.59	W1-4-L	30	x 30	Left Reverse Curve			1	1	REMOVE SIGN AND POST
318	81	_178S	983+70 LT	6.59	W13-1	18	x 18	Advisory Speed Plate (Yellow Back)			1	1	REMOVE SIGN AND POST
319	16148	_178N	1011+90 RT	16.1	W1-6	48	x 24	Night Arrow (Single)			1	1	REMOVE SIGN AND POST
320	376	_178N	1015+30 RT	16.14	W13-1	18	x 18	Advisory Speed Plate (Yellow Back)			1	1	REMOVE SIGN AND POST
321	375	_178N	1015+30 RT	16.14	W1-4-L	30	x 30	Left Reverse Curve			1	1	REMOVE SIGN AND POST
322	377	_178N	1020+10 RT	16.28	W1-6	48	x 24	Night Arrow (Single)			1	1	REMOVE SIGN AND POST
323	319	_178S	1021+50 RT	5.88	W1-6	48	x 24	Night Arrow (Single)			1	1	REMOVE SIGN AND POST
324	77	_178S	1030+95 LT	5.66	W1-4-L	30	x 30	Left Reverse Curve			1	1	REMOVE SIGN AND POST
325	78	_178S	1030+95 LT	5.66	W13-1	18	x 18	Advisory Speed Plate (Yellow Back)			1	1	REMOVE SIGN AND POST
326	380	_178N	1072+45 RT	17.26	W13-1	18	x 18	Advisory Speed Plate (Yellow Back)			1	1	REMOVE SIGN AND POST
327	383	_178N	1075+20 RT	17.3	DB5-69A	48	x 9	Toilet			1	1	REMOVE SIGN AND POST
328	385	_178N	1075+20 RT	17.3	DB5-69C	48	x 9	Drinking Water			1	1	REMOVE SIGN AND POST
329	386	_178N	1075+20 RT	17.3	SP- -11	48	x 18	REFLECTIVE FACE STENCIL MESSAGE			1	1	REMOVE SIGN AND POST
330	71	_178S	1082+50 LT	4.6	W13-1	18	x 18	Advisory Speed Plate (Yellow Back)			1	1	REMOVE SIGN AND POST
331	389	_178N	1104+00 RT	17.84	W1-5-R	30	x 30	Right Winding Road			1	1	REMOVE SIGN AND POST
332	16152	_178N	1104+00 RT	17.84	W57-51	30	x 24	Next _ Miles			1	1	REMOVE SIGN AND POST
334	391	_178N	1112+50 RT	18	W1-4-L	30	x 30	Left Reverse Curve			1	1	REMOVE SIGN AND POST
333	392	_178N	1112+50 RT	18	W13-1	18	x 18	Advisory Speed Plate (Yellow Back)			1	1	REMOVE SIGN AND POST
335	16153	_178N	1115+50 RT	18.08	W1-6	48	x 24	Night Arrow (Single)			1	1	REMOVE SIGN AND POST
336	16184	_178S	1116+00 RT	4.08	W1-6	48	x 24	Night Arrow (Single)			1	1	REMOVE SIGN AND POST
337	65	_178S	1121+00 LT	3.92	W1-4-L	30	x 30	Left Reverse Curve			1	1	REMOVE SIGN AND POST
338	66	_178S	1121+00 LT	3.92	W13-1	18	x 18	Advisory Speed Plate (Yellow Back)			1	1	REMOVE SIGN AND POST
339	393	_178N	1124+50 RT	18.22	W1-3-R	36	x 36	Right Reverse Turn			1	1	REMOVE SIGN AND POST
340	394	_178N	1124+50 RT	18.22	W13-1	24	x 24	Advisory Speed Plate (Yellow Back)			1	1	REMOVE SIGN AND POST
341	62	_178S	1127+80 LT	3.85	DB5-69C	48	x 9	Drinking Water			1	1	REMOVE SIGN AND POST
342	64	_178S	1127+80 LT	3.85	DB5-69A	48	x 9	Toilet			1	1	REMOVE SIGN AND POST
343	63	_178S	1127+80 LT	3.85	SP- -11	48	x 18	REFLECTIVE FACE STENCIL MESSAGE			1	1	REMOVE SIGN AND POST
344	905	_178N	1129+50 LT	18.33	W1-6	48	x 24	Night Arrow (Single)			1	1	REMOVE SIGN AND POST
345	59	_178S	1130+05 LT	3.83	W1-6	48	x 24	Night Arrow (Single)			1	1	REMOVE SIGN AND POST
346	93	_178S	1132+80 RT	3.75	W1-6	48	x 24	Night Arrow (Single)			1	1	REMOVE SIGN AND POST
347	906	_178N	1134+00 RT	18.42	W1-6	48	x 24	Night Arrow (Single)			1	1	REMOVE SIGN AND POST
348	397	_178N	1137+00 RT	18.49	W1-2-R	30	x 30	Right Curve			1	1	REMOVE SIGN AND POST
349	398	_178N	1137+00 RT	18.49	W13-1	18	x 18	Advisory Speed Plate (Yellow Back)			1	1	REMOVE SIGN AND POST
350	58	_178S	1137+70 LT	3.64	W13-1	24	x 24	Advisory Speed Plate (Yellow Back)			1	1	REMOVE SIGN AND POST
351	57	_178S	1137+70 LT	3.64	W1-3-R	36	x 36	Right Reverse Turn			1	1	REMOVE SIGN AND POST
352	54	_178S	1143+45 LT	3.51	W1-2-L	30	x 30	Left Curve			1	1	REMOVE SIGN AND POST
353	55	_178S	1143+45 LT	3.51	W13-1	18	x 18	Advisory Speed Plate (Yellow Back)			1	1	REMOVE SIGN AND POST
354	16182	_178S	1150+30 LT	3.37	W1-5-R	30	x 30	Right Winding Road			1	1	REMOVE SIGN AND POST
355	16183	_178S	1150+30 LT	3.37	W57-51	30	x 15	Next _ Miles			1	1	REMOVE SIGN AND POST
356	51	_178S	1165+00 LT	3.16	I 3-1	30	x 9	Lake or River Name			1	1	REMOVE SIGN AND POST
Column Totals											* 57	* 35	

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

SIGN	SIMS	ROUTE	STATION	WILE MARKER	SIGN CODE	#	H	SIGN DESCRIPTION	63702 SIGNS TYPE II REFLECTIVE SQ. FT.	63412 WOOD POSTS 4"x6"x16'	63827 REMOVING SIGNS TYPE II EACH	63830 REMOVING SMALL SIGN SUPPORTS EACH
400	450	_178N	798+10 RT	12.01	R1-1	30	x 30	Stop	6.25	1	1	1
401	103	_178S	817+30 LT	9.77	R1-1	30	x 30	Stop	6.25	1	1	1
402	101	_178S	829+50 LT	9.56	R1-1	30	x 30	Stop	6.25	1	1	1
403	868	_178N	829+75 RT	12.6	W1-7	48	x 24	Night Arrow (Double)	8	1	1	1
404	94	_178S	871+50 LT	8.76	W1-2-L	30	x 30	Left Curve	6.25	1	1	1
405	89	_178S	929+10 LT	7.66	R1-1	30	x 30	Stop	6.25	1	1	1
406	369	_178N	946+00 RT	14.85	W1-4-L	30	x 30	Left Reverse Curve	6.25	1	1	1
407	370	_178N	946+00 RT	14.85	W13-1	18	x 18	Advisory Speed Plate (Yellow Back)	2.25		1	
408	76	_178S	1051+20 LT	5.32	R1-1	30	x 30	Stop	6.25	1	1	
409	412	_178S	1115+30 LT	4.11	R1-1	30	x 30	Stop	6.25	1	1	1
410	56	_178S	1142+30 LT	3.58	R1-1	30	x 30	Stop	6.25	1	1	1
411	16180	178S	1166+50 LT	3.1	M1-6	24	x 24	State Route Marker	4	1	1	1
412	16181	178S	1166+50 LT	3.1	M3-3	24	x 12	South	2		1	1
Column Totals									*72.5	11 *	13 *	11 *

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

TRAFFIC CONTROL ITEMS

STATION TO STATION	LOCATION	BARRICADES	WARNING	SIGNS	DETOUR	REMARKS
		TYPE III 64318 DAYS	LIGHTS TYPE A 64321 DAYS		SIGNS 64326 DAYS	
BEGIN PROJECT		756	1386	840	-	
150TH AVENUE		252	504	252	-	
200TH STREET		252	504	252	-	
165TH AVENUE		252	504	252	-	
210TH STREET		252	504	252	-	
215TH STREET		252	504	252	-	
180TH AVENUE		252	504	252	-	
COBBAN BRIDGE		252	504	252	-	
190TH AVENUE		252	504	252	-	
195TH AVENUE		252	504	252	-	
END PROJECT		504	1386	840	-	
DETOUR ROUTE		-	-	-	22806	
TOTAL 0010		3528	7308	3948	22806	

GEOTEXTILE FABRIC, TYPE ES

STATION TO STATION	LOCATION	64508 S.Y.	REMARKS
976+25	978+00 RT.	467	EMBANKMENT
TOTAL 0010		467	

PAVEMENT MARKING, 4-INCH, PAINT

STATION TO STATION	LOCATION	64601 L.F.	REMARKS
C.T.H. "Y"		23760	CENTERLINE; DETOUR ROUTE YELLOW
C.T.H. "R"		14850	CENTERLINE; DETOUR ROUTE YELLOW
TOTAL 0010		38610	

PAVEMENT MARKING, 4-INCH, EPOXY

STATION TO STATION	LOCATION	64602 L.F.	REMARKS
794+00 - 1163+00	CENTERLINE	59413	YELLOW
794+00 - 1163+00	EDGELINES	71800	WHITE *
TOTAL 0010		131213	

* PERMANENT PAVEMENT MARKING ON STH 178 SHALL BE PLACED SUCH THAT THE TRAFFIC LANES ARE 11' WIDE.

PAVEMENT MARKING, CHANNELIZING, 8-INCH, EPOXY

STATION TO STATION	LOCATION	64618 L.F.	REMARKS
1065+89 - 1066+89	RT.	100	COBBAN BRIDGE
TOTAL 0010		100	

CONSTRUCTION STAKING, SUBGRADE, & CABC

STATION TO STATION	LOCATION	SUBGRADE 65045 L.F.	CRUSHED AGGREGATE BASE COURSE 65050 L.F.	REMARKS
823+00 - 831+50	MAINLINE	850	850	
859+00 - 868+00	MAINLINE	900	900	
899+00 - 904+00	MAINLINE	500	500	
906+50 - 910+50	MAINLINE	400	400	
922+00 - 946+00	MAINLINE	2400	2400	
969+00 - 997+50	MAINLINE	2850	2850	
1000+00 - 1005+00	MAINLINE	500	500	
1008+50 - 1031+50	MAINLINE	2300	2300	
1063+00 - 1074+00	MAINLINE	1100	1100	
1084+00 - 1088+00	MAINLINE	400	400	
1110+00 - 1142+00	MAINLINE	3200	3200	
10+50 - 12+65	SIDEROAD	215	215	200TH STREET
9+85 - 11+50	SIDEROAD	165	165	210TH STREET
11+20 - 12+50	SIDEROAD	130	130	190TH AVENUE
TOTAL 0010		15910	15910	

CONSTRUCTION STAKING, CURB, GUTTER, AND CURB AND GUTTER

STATION TO STATION	LOCATION	65055 L.F.	REMARKS
906+20 - 911+00	LT.	480	MAINLINE
913+50 - 927+20	LT.	1370	MAINLINE
935+50 - 938+50	LT.	300	MAINLINE
969+60 - 982+00	LT.	1240	MAINLINE
994+20 - 997+50	LT.	330	MAINLINE
1066+50 - 1074+50	LT.	800	MAINLINE
1107+50 - 1110+50	LT.	300	MAINLINE
1123+00 - 1127+30	LT.	430	MAINLINE
TOTAL 0010		5250	

STATE PROJECT NUMBER: 8600-02-71

HWY: S.T.H. 178

COUNTY: CHIPPEWA

MISCELLANEOUS QUANTITIES

NOT TO SCALE

SHEET NO: 61 E

FILE NAME : L:\microstation\Projects\d6_86000201\030201-MQ.DGN

PLOT DATE: 10-SEP-2002 11:13

PLOT NAME : 030209MOJ

Originator : 7-22-02 leo

PLOT SCALE : 200.000000:1.000000

WISDOT/CADDs SHEET 42

LEVELS ON - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63

CONSTRUCTION STAKING, PIPE CULVERTS

STATION	LOCATION	65060 EACH	REMARKS
819+02	CROSS-DRAIN	1	MAINLINE
821+99	CROSS-DRAIN	2	MAINLINE
861+86	CROSS-DRAIN	1	MAINLINE
877+50	CROSS-DRAIN	2	MAINLINE
901+59	CROSS-DRAIN	2	MAINLINE
917+57	CROSS-DRAIN	1	MAINLINE
928+71	CROSS-DRAIN	1	MAINLINE
935+00	CROSS-DRAIN	1	MAINLINE
942+62	CROSS-DRAIN	2	MAINLINE
966+35	CROSS-DRAIN	1	MAINLINE
976+72	CROSS-DRAIN	1	MAINLINE
983+70	CROSS-DRAIN	1	MAINLINE
1015+25	CROSS-DRAIN	2	MAINLINE
1069+79	CROSS-DRAIN	1	MAINLINE
1094+15	CROSS-DRAIN	1	MAINLINE
1100+30	CROSS-DRAIN	1	MAINLINE
1113+70	CROSS-DRAIN	1	MAINLINE
1122+01	CROSS-DRAIN	1	MAINLINE
1134+80	CROSS-DRAIN	2	MAINLINE
TOTAL 0010		25	

SAWING EXISTING PAVEMENT

STATION TO STATION	LOCATION	66501 L.F.	REMARKS
818+97 - 819+07		44	MAINLINE CULVERT REMOVAL
821+94 - 822+04		44	MAINLINE CULVERT REMOVAL
823+00		22	MAINLINE
829+70	LT.	20	200TH STREET
831+50		22	MAINLINE
859+00		22	MAINLINE
868+00		22	MAINLINE
877+68 - 877+78		44	MAINLINE CULVERT REMOVAL
899+00		22	MAINLINE
904+00		22	MAINLINE
906+50		22	MAINLINE
910+50		22	MAINLINE
914+64 - 914+74		44	MAINLINE CULVERT REMOVAL
922+00		22	MAINLINE
929+26	LT.	20	210TH STREET
946+00		22	MAINLINE
966+30 - 966+40		44	MAINLINE CULVERT REMOVAL
969+00		22	MAINLINE
997+50		22	MAINLINE
1000+00		22	MAINLINE
1005+00		22	MAINLINE
1008+50		22	MAINLINE
1031+50		22	MAINLINE
1063+00		22	MAINLINE
1074+00		22	MAINLINE
1084+00		22	MAINLINE
1088+00		22	MAINLINE
1094+10 - 1094+20		44	MAINLINE CULVERT REMOVAL
1100+25 - 1100+35		44	MAINLINE CULVERT REMOVAL
1110+00		22	MAINLINE
1142+00		22	MAINLINE
TOTAL 0010		832	

REMOVING STEEL RAILING, STATION 941+20 TO 943+70, RIGHT

STATION TO STATION	LOCATION	90004A LS	REMARKS
941+20 - 943+70	RT.	1	APPROX. 250' LENGTH
TOTAL 0010		1	

PLANTING TREE SEEDLINGS, VARIOUS SPECIES

STATION TO STATION	LOCATION	90005A EACH	REMARKS
923+00	930+00 RT.	18	WHITE PINE
923+00	930+00 RT.	18	WHITE ASH
923+00	930+00 RT.	18	YELLOW BIRCH
923+00	930+00 RT.	18	SUGAR MAPLE
923+00	930+00 RT.	18	NORTHERN RED OAK
974+00	979+00 RT.	45	WHITE PINE
974+00	979+00 RT.	45	WHITE ASH
974+00	979+00 RT.	45	YELLOW BIRCH
974+00	979+00 RT.	45	SUGAR MAPLE
974+00	979+00 RT.	45	NORTHERN RED OAK
988+00	991+00 RT.	23	WHITE PINE
988+00	991+00 RT.	23	WHITE ASH
988+00	991+00 RT.	23	YELLOW BIRCH
988+00	991+00 RT.	23	SUGAR MAPLE
988+00	991+00 RT.	23	NORTHERN RED OAK
51+50	54+00* LT. & RT.	100	SILVER MAPLE
51+50	54+00* LT. & RT.	100	GREEN ASH
TOTAL 0010		630	

* WETLAND RESTORATION AREA

SPLIT RAIL FENCE

STATION TO STATION	LOCATION	90030A L.F.	REMARKS
923+62 - 924+92	LT.	130	TOP OF R-09-0009
925+12 - 926+42	LT.	130	TOP OF R-09-0010
TOTAL 0010		260	

LEVELS ON * 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

GEOGRID REINFORCEMENT

STATION TO STATION		LOCATION	90033A S.Y.	REMARKS
868+00 - 880+50			3611	
1031+50 - 1063+00			4550	
1079+00 - 1084+00			1444	
1088+00 - 1095+00			2022	
1142+00 - 1150+00			3467	
1150+00 - 1161+75			3394	
ENTIRE	PROJECT	UNDISTRIBUTED	1125	
TOTAL 0010			19613	

MILL AND RELAY ASPHALTIC MATERIAL

STATION TO STATION		LOCATION	90358 S.Y.	REMARKS
868+00 - 880+50			3611	MAINLINE
1079+00 - 1084+00			1444	MAINLINE
1088+00 - 1095+00			2022	MAINLINE
1150+00 - 1161+75			3394	MAINLINE
TOTAL 0010			10471	

MARKER POSTS, FLEXIBLE, FOR CULVERT END

STATION	LOCATION	90616 EACH	REMARKS
793+08	LT. & RT.	2	
798+02	LT. & RT.	2	
802+00	LT. & RT.	2	
806+56	LT. & RT.	2	
819+02	LT. & RT.	2	
821+99	LT. & RT.	2	
832+10	LT. & RT.	2	
840+75	LT. & RT.	2	
845+99	LT. & RT.	2	
853+69	LT. & RT.	2	
861+86	LT. & RT.	2	
877+50	LT. & RT.	2	
901+59	LT. & RT.	2	
911+98	LT. & RT.	2	
917+50	LT. & RT.	2	
922+50	RT.	1	
928+71	LT. & RT.	2	
935+00	LT. & RT.	2	
942+00	LT. & RT.	2	
942+62	LT. & RT.	2	
957+13	LT. & RT.	2	
961+45	LT. & RT.	2	
966+35	LT. & RT.	2	
974+00	LT. & RT.	2	
976+72	LT. & RT.	2	
983+70	LT. & RT.	2	
989+78	LT. & RT.	2	
998+40	LT. & RT.	2	
1000+20	LT. & RT.	2	
1008+50	LT. & RT.	2	
1015+25	LT. & RT.	2	
1050+50	LT. & RT.	2	
1061+64	LT. & RT.	2	
1069+79	LT. & RT.	2	
1072+26	RT.	1	
1076+26	LT. & RT.	2	
1094+15	LT. & RT.	2	
1100+30	LT. & RT.	2	
1105+02	LT. & RT.	2	
1110+98	LT. & RT.	2	
1113+70	LT. & RT.	2	
1122+01	LT. & RT.	2	
1134+80	LT. & RT.	2	
1142+05	LT. & RT.	2	
1147+84	LT. & RT.	2	
TOTAL 0010		88	

SAFETY FENCE

STATION TO STATION	LOCATION	90637 L.F.	REMARKS
957+00 - 959+00	ALONG R/W LT.	200	POTENTIAL ARCHEOLOGICAL SITE
1055+70 - 1060+05	ALONG R/W LT.	435	POTENTIAL ARCHEOLOGICAL SITE
TOTAL 0010		635	

STATE PROJECT NUMBER: 8600-02-71

HWY: S.T.H. 178

COUNTY: CHIPPEWA

MISCELLANEOUS QUANTITIES

NOT TO SCALE

SHEET NO: 63

E