FED. ROAD DIST. No.	STATE	FEDERAL PROJ. NO.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
5N	MINN.	F.O.M.-1 F.O.M.-1		9	165

DRAINAGE

LINE	SHEET NO.	STATION	LOCATION	IN PLACE	REMARKS	12" CLASS A RANDOM RIP-RAP CU. YD.	6" TYPE I FILTER BLANKET CU. YD.
1		Leb 306+90	℄		Pl. after Emb. is Inpl. 30° Skew		
2		Leb 307+08	30' Lt.		Pl. Median Drain		
3		Leb 307+20	Lt.		Const. Earth Ditch Block		
4		Lwb 322+00	℄		Pl. after Emb. Is Inpl.		
5		Leb 343+93	℄		Pl. after Emb. Is Inpl.		
6		Leb 344+00	℄		Pl. after Emb. Is Inpl.		
7		Leb 344+00	32' Lt.		Pl. Median Drain		
8		Ramp "C" 346+91	℄		Hanson Blvd. Inter.		
9		Ramp "A" 347+35	℄		Hanson Blvd. Inter.		
10		Hanson Blvd. 9+28	℄				
11		Hanson Blvd. 10+72	℄				
12		Lwb 354+40	Rt.		Const. Earth Ditch Block		
13		Lwb 354+50	℄				
14		Ramp "D" 355+00	℄		Hanson Blvd. Inter.		
15		Lwb 371+00	℄		Pl. after Emb. Is Inpl.		
16		Lwb 371+10	Rt.		Const. Earth Ditch Block		
17		Leb 381+00	℄				
18		Leb 381+10	Lt.		Const. Earth Ditch Block		
19		Leb 391+00	℄				
20		Leb 391+10	Lt.		Const. Earth Ditch Block		
21		Lori 401+75	℄		Riprap 30' Downstream	18	9
22		Lori 401+75	℄		Pl. Median Drain		
23		Lori 410+70	℄		Const. Earth Ditch Block		
24		Lori 410+80	℄				
25		Lori 410+80	℄		Pl. Median Drain		
26		Lor 410+63	38' Rt.	15" x 20' C. M.	Abandon		
27		Lor 411+80	72' Lt.	15" x 16' C. M.	Abandon		
28		Lor 412+16	36' Lt.	18" x 26' C. M.	Abandon		
29		Leb 432+00	℄		Pl. after Emb. Is Inpl.		
30		Leb 432+10	Lt.		Const. Earth Ditch Block		
31		Lor 439+00	℄		12° Skew		
32		Leb 443+36	℄		Pl. after Emb. is Inpl.		
33		Lor 449+20	℄		Const. Earth Ditch Block		
34		Lor 449+30	℄		36° Skew		
35		Lor 449+30	℄		Pl. Median Drain		
36		Leb 462+90	Lt.		Const. Earth Ditch Block		
37		Leb 463+00	℄		Pl. after Emb. is Inpl.		
38		LL 475+88	℄		Pl. after Emb. is Inpl. 40° Skew		
39		LL 475+88	℄		Const. Earth Ditch Block		
40		Leb 476+00	℄		Pl. after Emb. is Inpl.		
41		Leb 487+90	Rt.		Const. Earth Ditch Block		
42		Leb 488+00	℄				
43		Ramp "A" 3+29	℄		Foley Blvd. Inter.		
44		Ramp "C" 3+06	℄		Foley Blvd. Inter.		
45		Loop "A" 1+75	℄		Foley Blvd. Inter.		
46		Leb 499+90	Lt.		Const. Earth Ditch Block		
47		Leb 500+00	℄				
48		Loop "C" 8+15	℄		Foley Blvd. Inter.		
49		Foley Blvd. 2+83	℄				
50		Foley Blvd. 4+85	℄	15" x 68' S. C. P.	Remove and Salvage		
51		Foley Blvd. By-Pass	4+50 ℄		Install Salvaged 15"x68' S. C. P.		
52		Foley Blvd. 5+17	℄				
53		Leb 507+90	Lt.		Const. Earth Ditch Block		
54		Leb 508+00	℄				
55		Lsb 525+00	℄				
56		Lsb 536+00	℄				
57		LL 547+77	℄		Const. Earth Ditch Block		
58		LL 547+87	℄		Pl. after Emb. is Inpl. 30° Skew		
59		LL 547+87	℄		Pl. Median Drain		
60		Lsb 555+90	℄		Const. Earth Ditch Block		
61		Lsb 556+00	℄		Pl. after Emb. is Inpl.		
62		Ramp "C" 563+16	℄				
63		Inpl. T. H. 10 721+60	Rt.				
64		Inpl. T. H. 10 725+80	Rt.				
65		Inpl. T. H. 10 720+82	Lt.				
66		Inpl. T. H. 10 723+97	Lt.				
67		Ramp "D" 568+06	℄		Pl. after Emb. is Inpl.		
68		Service Rd. 2+48	℄		Pl. after Emb. is Inpl.		
69		Le 575+70	℄				
70		Le 575+70	8' Rt.		Pl. Median Drain		
71		Le 575+80	℄		Const. Earth Ditch Block		
72		Le 583+33	42' Lt.		Pl. after Emb. is Inpl.		
73		Le 583+33	42' Rt.		Pl. after Emb. is Inpl.		
74		Le 583+41	42' Lt.		Pl. after Emb. is Inpl.		
75		Le 583+41	42' Rt.		Pl. after Emb. is Inpl.		
76		Lsb 594+90	Lt.		Const. Earth Ditch Block		
77		Lsb 595+00	℄				
78		Lnb 608+90	Lt.				
79		Cty. Rd. 11-1+27	Lt. & Rt.	2 - 18"x36' C. M'S.	Abandon		

PORTABLE CULVERTS

LINE	CULVERT EXCAVATION CU. YD.	SODDING SQ. YD.	CHANNEL EXCAVATION CU. YD.	18" S.C.P. CLASS II LIN. FT.	APR.	24" S.C.P. CLASS II LIN. FT.	APR.	30" S.C.P. CLASS II LIN. FT.	APR.	30" S.C.P. CLASS III LIN. FT.	APR.	36" S.C.P. CLASS II LIN. FT.	APR.	36" S.C.P. CLASS III LIN. FT.	APR.	48" S.C.P. CLASS II LIN. FT.	APR.	28" SPAN S.C.P.-A. LIN. FT.	APR.	43" SPAN S.C.P.-A. LIN. FT.	APR.	51" SPAN S.C.P.-A. LIN. FT.	APR.
1	826	25																					
2																							
3		20																					
4	20	11		56	2																		
5	185	22																				176	2
6	185	22																				176(1)	2
7																							
8		21										58	2										
9	42	14				62	2																
10		21										140	2										
11		14				148	2																
12		20																					
13	18	11		50	2																		
14	6	21	143											132	2								
15	21	11		56	2																		
16		20																					
17	20	11		54	2																		
18		27																					
19	20	11		54	2																		
20		38																					
21		158																					
22																							
23		38																					
24			100																				
25																							
26																							
27																							
28																							
29	36	11		72	2																		
30		38																					
31	107	18						180	2														
32	20	11		60	2																		
33		46																					
34		23														206(1)	2						
35																							
36		38																					
37	18	11		52	2																		
38	617	25																					
39		38																					
40	15	11		58	2																		
41		38																					
42	15	11		56	2																		
43	56	21										50	2										
44	16	14																46	2				
45	60	21										52	2										
46		38																					
47	23	11		56	2																		
48	28	14				54	2																
49		21										178	2										
50																							
51																							
52		14				170	2																
53		38																					
54	25	11		60	2																		
55	16	11		76	2																		
56	50	21																		56	2		
57		51																					
58	563	24																					
59																							
60		38																					
61	36	11		78	2																		
62		14				90	2																
63		11		62	2																		
64		14				246	2																
65		11		100	2																		
66		14				246	2																
67	17	14				46	2																
68	21	14				44	2																
69	116	18	12															300(1)	2				
70																							
71		38																					
72	96	22																				62	2
73	106	22																				70	2
74	96	22																				62	2
75	106	22																				70	2
76		38																					
77	5	11		50	2																		
78		14				96	2																
79																							

PORTABLE CULVERTS

LINE	73" SPAN S.C.P.-A. LIN. FT.	APR.	88" SPAN S.C.P.-A. LIN. FT.	APR.	115" SPAN S.C.P.-A. LIN. FT.	APR.	DESIGN I CATCH BASIN LIN. FT.	(2)	SP. DESIGN CATCH BASIN LIN. FT.	(2)	(11-14-11)x 8'+30° SKEW x 20' BOX REINFOR. BARS POUND	CONCRETE CU. YD.	CLASS U EXC. CU. YD.	LIN. FT.	APR.
1			184(1)	2											
2															
3							8.2	1							
4															
5															
6															
7															
8							3.0	1							
9															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															
21											130249	919	913		
22															
23									2.5(3)	1					
24					228(1)	2									
25							15.5	1							
26															
27															
28															
29															
30															
31															
32															
33															
34															
35							6.1	1							
36															
37															
38			188	2											
39															
40															
41															
42															
43															
44															
45															
46															
47															
48															
49															
50															
51															
52															
53															
54															
55															
56															
57															
58	192(1)	2													
59															
60							4.8	1							
61															
62															
63															
64															
65															
66															
67															
68															
69															
70							7.7	1							
71															
72															
73															
74															
75															
76															
77															
78															
79															

(1) Includes 1 - 6' T-Section.
(2) Pre-Cast Concrete Median Drain (without access).
(3) See Detail on Sheet No 6