QUANTITY SHEET-F

H.W.Y. DIV. NO.	STATE	PROJ. NO.	PROJ. SHEET NO.	TOTAL SHEETS
4	MICH.	S1040	1956	10
ROUTE	STATE PROJECT	COUNTY	PROJ. SHEET NO.	TOTAL SHEETS
	CS 66-55	Ontonagon	Carp Lake	

CULVERTS

AS PER PLANS

CULV. NO.	STATION	STANDARD PLAN	NO. BARRELS	SIZE	LENGTH	GRADE A CONCRETE CU. YDS.	STEEL REINF. LBS.	LIN. FT. CIRC. C.M.P. 18"	24"	30"	36"	42"	48"	72"	LIN. FT. CIRC. CLASS B
	303+28	E-13-A-10	2	36"	60'	6.2	66				60'				
	307+53	E-13-A-10	2	24"	36'	3.0	45		36'						
	317+52	E-13-A-10	2	30"	44'	4.4	55			44'					
	323+55	E-13-A-10	2	18"	36'	2.0	34	36'							
	328+14	E-13-A-10	2	36"	66'	6.2	66				66'				
	339+70	E-13-A-10	2	30"	50'	4.4	55			50'					
	343+75	E-13-A-10	2	24"	72'	3.8	56		72'						
	352+00	E-13-A-10	2	18"	36'	2.0	34	36'							
	357+90	E-13A-42-48A	2	42"	70'	5.4	208					70'			
	369+70	E-13-A-10	2	18"	38'	2.0	42	38'							
	376+25	E-13-A-10	2	24"	36'	3.0	45		36'						
	386+40	E-13-A-10	2	36"	66'	6.2	66				66'				
	388+30	E-13-A-10	2	18"	38'	2.0	34	38'							
	392+28.2	—		18"	30'			30'							
	392+70	E-13-A-10	2	30"	36'	4.4	55			36'					
	401+64	E-13-A-10	2	30"	48'	4.4	55			48'					
	406+58	E-13-A-48A	2	48"	50'	6.3	249						50'		
	413+00	E-13-A-10	2	24"	42'	3.0	45		42'						
	423+75	E-13-A-10	2	42"	54'	5.0	237					54'			
	430+67	E-13-A-10	2	24"	44'	3.0	45		44'						
	436+00	E-13-A-10	2	30"	46'	4.4	55			46'					
TOTAL CULVERTS 20 FT. SPAN OR UNDER								178	230	220	172	124	50		
TOTAL CULVERTS OVER 20 FT. SPAN															

AS CONSTRUCTED

CULV. NO.	STATION	STANDARD PLAN		SIZE	LENGTH	GRADE A CONCRETE CU. YDS.	STEEL REINF. LBS.	LIN. FT. CIRC. CLASS A	LIN. FT. CIRC. CLASS D	EXPLANATION OF CHANGES
TOTAL CULVERTS 20 FT. SPAN OR UNDER										
TOTAL CULVERTS OVER 20 FT. SPAN										

GUARD RAIL

AS PER PLANS STA. TO STA.		CABLE G. RAIL LIN. FT.	GUARD POSTS EACH	EXPANSION TAKEUPS EACH	BRACED END PANELS EACH	AS CONST. STA. TO STA.	CABLE G. RAIL LIN. FT.	GUARD POST EACH	EXPANSION TAKEUPS EACH	BRACED END PANELS EACH	EXPLANATION OF CHANGES
302+25	304+80 Rt.		37								
307+53	Rt.		2								
317+00	318+00 Rt.		16								
323+55	Rt.		2								
327+20	329+80 Rt.		37								
337+25	340+50 Rt.		39								
342+50	344+75 Rt.		31								
352+00	Rt.		2								
356+50	358+75 Rt.		29								
369+70	Rt.		2								
376+25	Rt.		2								
383+25	384+75 Rt.		22								
388+30	Rt.		2								
392+70	Rt.		2								
401+20	402+00 Rt.		13								
404+50	407+50 Rt.		42								
412+50	414+50 Rt.		28								
423+25	424+20 Rt.		15								
430+40	431+00 Rt.		12								
435+00	436+50 Rt.		28								
TOTALS			355			TOTALS					

GRADING

AS PER PLANS

STA. TO STA.	EARTH EXC. CU. YDS.	BORROW CU. YDS.	ROCK EXC. CU. YDS.	SUB-BASE BORROW CU. YDS.	EMB. – SHR. + LOSS CU. YDS.	WASTE CU. YDS.	OVERHAUL COMP. CU. YD. MIS.
292+20-303+32	2234				2234		
303+32-324+50	5734				5787		1107
324+50-329+00	3676				3611	155	
329+00-380+07	13424				13393	42	2020
380+07-385+10	1267				1267		
385+10-395+29	1702				1701		
395+29-406+25	2882				2885		
406+25-409+60	1618				1611		
409+60-451+00	7612				7290	326	544
292+00-451+00				21474			32960
TOTALS	40164			21474	39644	521	36631

AS CONSTRUCTED

STA. TO STA.	EARTH EXC. CU. YDS.	BORROW CU. YDS.	ROCK EXC. CU. YDS.	EMB. + SHR. + LOSS CU. YDS.	WASTE CU. YDS.	OVERHAUL COMP. CU. YD. MIS.	EXPLANATION OF CHANGES

SURFACING

AS PER PLANS

STA. TO STA.		ROD. SURF. TONS	BITUMIN. GUTTER LFT.
292	437	8383	
332L	—	7	
392+25	—	35	
302	305R		200
TOTALS		8425	200

COBBLE GUTTER

AS CONSTRUCTED

STA. TO STA.	EXPLANATION OF CHANGES
TOTALS	

CLEARING GRUBBING REMOVING CORDUROY

AS PER PLANS

STA. TO STA.		CLEARING ACRES	GRUBBING SQ. RODS	REMOVING CORDUROY LIN. FT.
BORROW	PIT	2		
BORROW	PIT		320	
292	437			300
TOTALS		2	320	300

AS CONSTRUCTED

STA. TO STA.	EXPLANATION OF CHANGES
TOTALS	

MISCELLANEOUS

AS PER PLANS		AS CONSTRUCTED	EXPLANATION OF CHANGES
ROAD PROJECT MARK	1 EA.		
FINE GRADING & CLEANUP	185 STA.		
INTERCEPTING DITCH	70 STA.		

Length of Project: 2.746 Mi.

PLAN ESTIMATE BY _____ DATE _____ CHECKED BY _____ DATE _____ DATA COMPLETED _____ PROJ. ENG. _____ DATE _____

HISTORY CHECKED _____ DATE _____
ENTERED ON PLANS _____ DATE _____

FILE NO. U.S. NO. 331 STA. GOL.	E-109 A	STATE PROJECT CS 66-55	FEDERAL PROJECT S-1040(17)	SHEET NO. 32