ESTIMATE OF QUANTITIES

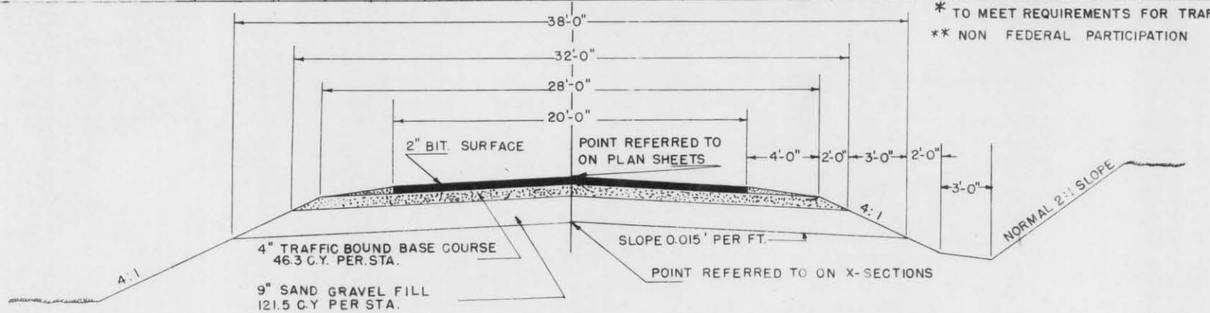
CONTRACT NC 1

S 0570 (2) 2 39

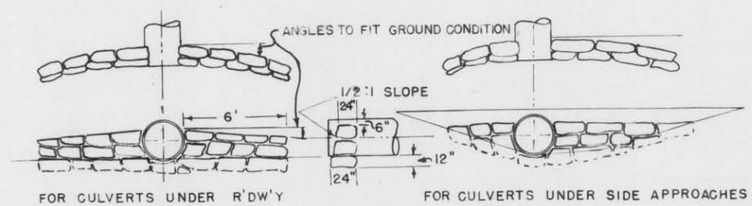
THIS PROJECT IS TO BE EXECUTED UNDER THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION OF THE STATE HIGHWAY COMMISSION OF WISCONSIN — EDITION OF 1951 APPROVED JAN. 23, 1952
FEDERAL AID REQUIRED CONTRACT PROVISIONS APPROVED NOV. 8, 1948 AND SPECIAL PROVISIONS ATTACHED TO PROPOSAL

STATION TO STATION	NET LENGTH OF CENTER LINE	CLEARING	GRUBBING	EXCAVATION UNCLASSIFIED	EXCAVATION BORROW		SAND GRAVEL FILL	FINISHING ROADWAY	OBLITERATING OLD ROAD	TRAFFIC BOUND BASE COURSE	CULVERT PIPE 18"	24"	30"	48"		RIP-RAP	GUARD FENCE		MARKER POSTS	MARKER POSTS FOR R/W	BIT. ROAD MIX SURFACE	*AGGR. FOR BIT. MIX	BIT MAT'L FOR SURFACE	SECT PLATE PIPE ARCH 7'X5'-1"	SECT PLATE PIPE ARCH 10'-11"X 7'-1"	SODDING	REMOVING OLD CULV STA. 155+31	REMOVING OLD CULV STA. 169+14	REMOVING OLD CULV STA. 175+90			TOPSOIL		FERTILIZER	SEEDING
ITEM NO.		2101-1	2101-4	2106-5	2109-1	210 -	2110-1	2114-1	2116-1	2204-1	23	2411-11	2411-12	2411-13	2411-14		2512-1	2523-	2523-	2523-3	2523-4	2313-1	2313-2	2313-3	2412-31	2412-32	2533-1	2104-1	2104-2	2104-3			2528-1	2528-2	2531-1	2532-1
UNIT	LIN. FT.	STA.	STA.	C.Y.	C.Y.	C.Y.	C.Y.	STA.	STA.	C.Y.	C.Y.	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	C.Y.	LIN. FT.		EACH	EACH	S.Y.	C.Y.	GAL.	L.F.	L.F.	S.Y.	L.S.	L.S.	L.S.			SQ. YD.	SQ. YD.	CWT.	SQ. YD.
7+53.6 – 212+00	20446.4		130	44202	16700		25090	207.0		10028		476	772	92	134		147**			32		45888	382.0*	58000	104		228	1	1	1						
TOTALS																																				

* TO MEET REQUIREMENTS FOR TRAFFIC BOUND BASE COURSE
** NON FEDERAL PARTICIPATION



TYPICAL FINISHED SECTION



RIPRAP FOR CULVERT END WALLS

STANDARD DETAIL DRAWINGS

MARKER POSTS	7-1.3.1
CONSTRUCTION BARRICADE	7-4.1.1

TRAFFIC BOUND BASE	
STATION — STATION	C.Y.
7+53.6 – 212+00	9468
APP. STA. 7+53.6	70
APP. STA. 212+00	70
27 P.E. AT 10 C.Y.	270
5 TOWN RD. AT 30 C.Y.	150
TOTAL	10028

FINISHING ROADWAY		
STATION — STATION		STA'S
7+53.6 – 212+00	℄	204.5
105+49 TN. RD. APP.	LT	0.5
105+49 TN. RD. APP.	RT	0.5
158+23 TN. RD. APP.	LT	0.5
210+98 TN. RD. APP.	LT	0.5
210+98 TN. RD. APP.	RT	0.5
TOTAL		207.0

UNCLASSIFIED EXCAVATION		
SOURCE	STA.	C.Y.
X-SECTIONS		42829
OFF-TAKE DITCH	57+35	10
CHANNEL CHANGE	168-177	1,363
~~CHANNEL CHANGE~~	~~231+50~~	~~550~~
TOTAL		44202

GRUBBING	
STATION-STATION	STA.
7+54 – 26+55	20.0
26+55 – 39+88	14.0
39+88 – 69+60	—
69+60 – 72+50	4
72+50 – 84+00	—
84+00 – 88+00	4
88+00 – 91+88	—
91+88 – 105+00	14
105+00 – 105+70	—
105+70 – 116+00	11
116+00 – 127+25	—
127+25 – 133+15	7
133+15 – 156+00	—
156+00 – 210+75	55
210+75 – 211+20	—
211+20 – 212+00	1
~~230+00 – 233+50~~	~~—~~
~~233+50 – 237+20~~	~~—~~
237+20 – 244+00	—
244+00 – 270+00	
TOTAL	130

SAND-GRAVEL FILL	
STATION-STATION	C.Y.
7+53.6 – 212+00	24847
APP. STA. 7+53.6	121.5
APP. STA. 212+00	121.5
TOTAL	25090

SODDING				
STATION	LT.	RT	SIZE	S.Y.
7+50	✓	✓	12 X 9	24
8+50	✓	✓	12 X 9	24
9+50	✓	✓	12 X 9	24
10+50		✓	12 X 9	12
11+50		✓	12 X 9	12
13+50		✓	12 X 9	12
118+50	✓		12 X 9	12
119+50	✓		12 X 9	12
120+50	✓		12 X 9	12
121+50	✓		12 X 9	12
122+50	✓		12 X 9	12
123+50	✓		12 X 9	12
124+50	✓		12 X 9	12
125+50	✓		12 X 9	12
126+50	✓	✓	12 X 9	24
~~225+50~~	~~✓~~	~~✓~~	~~12 X 9~~	~~24~~
226+50	✓	✓	12 X 9	24
227+50	✓	✓	12 X 9	24
228+50	✓	✓	12 X 9	24
229+30	✓	✓	12 X 9	24
239+00	✓	✓	12 X 9	24
240+00	✓	✓	12 X 9	24
241+00	✓	✓	12 X 9	24
242+00	✓	✓	12 X 9	24
243+00	✓	✓	12 X 9	24
250+00	✓	✓	12 X 9	24
251+00	✓	✓	12 X 9	24
~~262+00~~	~~✓~~	~~✓~~	~~12 X 9~~	~~24~~
TOTAL				228

SECTIONAL PLATE PIPE ARCH					
STATION	℄	7' X 5'-1"	10'-11" X 7'-1"	RIP RAP	MARKER POST
155+31	✓	52 52		14	2
231+50	✓		60 60	24	2
TOTAL		104		14**	2

STATION	LOCATION ℄	LT.	RT.	CULVERT PIPE 18"	24"	30"	48"	RIP RAP	MARKER POST
19+45	✓					64		5	2
31+60	✓				44			4	2
39+55	✓				60			4	2
44+30	✓				56			4	2
55+25			✓	28				3	
64+00	✓				52			4	2
67+36	✓				56			4	2
75+25	✓				64			4	2
87+20	✓				52			4	2
90+00			✓	28				3	
99+30	✓				86			4	2
103+90	✓				62			4	2
113+10			✓	28				3	
120+20		✓		28				3	
127+10		✓		28				3	
138+64		✓				28		5	
141+05			✓	28				3	
147+00			✓		28			4	
165+80			✓	28				3	
169+14	✓						54	8	2
175+90	✓						80	8	2
186+00			✓	28				3	
192+06	✓				50			4	2
192+85			✓	28				3	
194+75		✓		28				3	
199+50	✓				80			4	2
203+49	✓				54			4	2
205+30		✓		28				3	
207+40			✓		28			4	
~~214+90~~			✓	28				3	
~~223+60~~			✓	28				3	
~~224+50~~		✓			50			4	
~~225+00~~			✓	28				3	
~~228+80~~			✓	28				3	
~~234+60~~	✓				56			4	2
~~239+00~~		✓			50			4	
~~243+10~~			✓	28				3	
~~69+40~~			✓	28				3	
98+10		✓		28				3	
78+25		✓		28				3	
96+00			✓	28				3	
UNDIST.				56				6	
TOTAL				476	772	92	134	135	30

** NON FEDERAL PARTICIPATION