

PROPOSAL No 2
Sta. 552+75.75 to Sta 553+36.25
For Estimated Quantities
See Sheet No 58

FED. AID DIST. NO. 10 STATE OHIO. FED. AID PROJ. YES 100% FISCAL YEAR 1933
S.H.(I.C.H.) 575. SEC. B-Pt.
MUSKINGUM COUNTY

SUMMARY OF QUANTITIES.

PROPOSAL No 1

No	STATION	TYPE	SIZE	LGTH	EXCAVAT'N			REINF.	PIPE QUANTITIES			COPPER	TYPE B	RIP	1/2" PREP	1/4" PREP	REMARKS		
					UNCL. CHAN.	1-5'	1-6'		1-8'	PIPE	EXP. FT.							WTR PFC	EXP. FT.
STRUCTURES																			
38-C	418+50 L	S. Road	12"	42'	12			60	42								Build Std. Side Road Culvert		
39-C	419+46	Box	4'x3'	56'	60			2656	52								Build Std. Box Culvert		
40-C	423+50	Pipe	12"	52'	10									4			Build Std. Pipe Culvert.		
41-C	429+00	Box	6'x5'	77'	240			567									Build Std. Box Culvert. Remove 6'x6' Arch		
42-C	435+53	Pipe	36"	50'	150												Build Std. Pipe Culvert. Remove double 24" Corr		
43-C	440+37	"	36"	78'	95			83									pres. Stone Box		
44-C	444+00	"	12"	64'	90			33	64								"		
45-C	466+37	Box	6'x3'	81'	110			5070									Build Std. Box Culvert. Remove pres. 36" Pipe		
46-C	471+50	Pipe	12"	54'	50				54								Build Std. Pipe Culvert.		
47-C	475+50	"	36"	54'	35												Remove pres. 12" V.S.P.		
48-C	486+50	"	36"	66'	130												"		
49-C	495+94	Box	6'x4'	73'	85			47.1									Build Std. Box Culvert. Remove pres. 36" Conc. Pipe		
50-C	500+50	Pipe	18"	70'	150												Build Std. Pipe Culvert.		
51-C	504+92	"	36"	70'	150				70								"		
52-C	509+61	"	36"	52'	70												"		
53-C	513+00	"	12"	50'	25				50								Remove pres. 30" V.S.P.		
54-C	518+36	"	36"	68'	55												"		
55-C	530+91	"	24"	54'	35												Remove pres. 30" V.S.P.		
56-C	576+50 L	S. Road	18"	52'	15			3.3									"		
57-C	578+57	Box	6'x4'	69'	205			4672									Side Rd.		
58-C	584+00	Pipe	18"	50'	105												Build Std. Box Culvert. Remove pres (2) 24" V.S.P.		
59-C	586+50 R	S. Road	18"	42'	15			3.3									Build Std. Pipe Culvert.		
60-C	595+32	Pipe	12"	43'	30				70								Side Road Culvert		
61-C	598+34	"	12"	43'	20				48								Build Std. Pipe Culvert. Remove pres. 12" Corr.		
62-C	601+30	"	18"	50'	20				48								"		
63-C	606+63	"	18"	43'	30												"		
64-C	610+43	Box	6'x5'	112'	1305			795	114.9								10" C.I.P.		
65-C	617+00	Pipe	12"	53'	10												18" Corr.		
TOTAL PROPOS No 1																			
PROPOSAL No. 2 - STRUCTURES OVER 20 FT. SPAN																			
553+96	SPAN	29'	100	900	50	71	322	374	55/100	36	87.5	90	140	75	Lump	5700	2	139	Build Conc Beam Bldg.
TOTAL																			

SUMMARY OF EXC. & EMB.

FROM STA.	TO STA.	Exc.	EMB.	EMB. +20%	BORROW WASTE
417+00	423+39	1280		1075	1290
423+39	435+59	3740		3117	3740
435+59	447+00	7253		6044	7253
447+00	455+06	3902		3168	3902
455+06	515+31	4335		4029	4335
515+31	550+65	16729		13941	16729
550+65	561+74	8219		6849	8219
561+74	626+00	25291		22296	26295
626+00	626+00	1584*			
Total		77159		65619	78743

* This borrow to be replaced by 1584 cu. yd. culvert excavation at sta. 610+49, thereby leaving no net borrow.

PAVEMENT LENGTH.

BEGIN PROJECT 417+00
END PROJECT 626+00.
GROSS LENGTH 20900
DEDUCTIONS.

Sta. 553+06.00 Bridge. 60.50 Lin. Ft.
Sta. 589+01.40 Equation 418.95 " "
TOTAL DEDUCTIONS. 479.45 LIN. FT.

ADDITIONS
Sta. 476+78.38 Equation 725 Lin. Ft.
TOTAL ADDITIONS. 725 LIN. FT.
NET LENGTH. 20421.80 LIN. FT.
OR 386.9 MILES

TOTAL PAVEMENT. = 46,395.11 Sq Yds.
TRAFFIC BOUND MTL. 3" THICK
38658 Cu. yds.

EXTRA PAVEMENT.

Station 434	174 Sq Yds.
Station 446	253 Sq Yds.
Station 527	241 Sq Yds.
Station 550	327 Sq Yds.
TOTAL	995 Sq Yds.

12" RIP RAP (Grout Filled)

Item No	Station	To Station	Sq. Yds.
1-R	495+75	496+15	45
			45

FROM STA. 624+63.68 TO 626+00
REMOVE 272.64 SQ. YD. OF PRESENT
18' CONCRETE PAVEMENT.

QUARD RAIL (TYPE S-C)

No.	From Sta.	To Sta.	Lin. Ft.	No.	From Sta.	To Sta.	Lin. Ft.
1-G	428+75	429+79	208	11-G	541+50	546+78	528
2-G	435+25	444+77	952	12-G	547+24	552+76	552
3-G	466+25	466+97	72	13-G	547+24	552+76	552
4-G	471+25	475+49	424	14-G	553+06	556+32	326
5-G	484+50	489+30	480	15-G	553+06	554+00	144
6-G	495+00	504+72	1512	16-G	553+00	560+48	748
7-G	495+00	497+00	200	17-G	610+25	610+79	54
8-G	520+50	523+70	320	18-G	616+70	621+50	480
9-G	529+25	530+77	152				
10-G	531+60	535+60	200	Total			7288

SIDE DRIVE APPROACHES			
ITEM	STATION	PLACE	OR
72-A	417+50	R	
73-A	418+50	L	12
74-A	419+50	L	16
75-A	423+50	L	16
76-A	423+50	R	
77-A	426+50	R	16
78-A	426+50	L	16
79-A	428+00	L	16
80-A	430+15	R	16
81-A	430+15	R	16
82-A	434+60	L	16
83-A	434+60	R	16
84-A	436+50	L	16
85-A	455+10	R	
86-A	455+10	L	
87-A	467+00	L	16
88-A	468+50	R	
89-A	478+70	R	
90-A	478+70	L	
91-A	480+50	L	30
92-A	490+50	R	
93-A	502+00	L	16
94-A	502+00	R	
95-A	518+50	L	16
96-A	519+50	R	
97-A	531+50	L	16
98-A	546+90	R	
99-A	546+90	L	40
100-A	555+25	R	16
101-A	555+25	L	3
102-A	556+10	L	
103-A	557+65	R	3
104-A	566+20	R	3
105-A	566+20	L	16
106-A	576+50	L	12
107-A	576+50	L	16
108-A	584+30	R	16
109-A	584+30	L	16
110-A	586+30	L	30
111-A	586+30	L	16
112-A	588+50	L	16
113-A	600+00	L	16
114-A	603+00	R	
115-A	603+00	L	16
116-A	607+00	L	16
117-A	615+00	R	
118-A	622+00	L	16
119-A	624+50	R	16
120-A	624+50	L	16
121-A	626+50	L	16
122-A	626+50	R	16
TOTAL			512.56