FED. AID DIST. NO.	STATE
10	OHIO

S.H. 161
MEIGS CO
PROPOSAL

Sta. 34+0
Deduct 190 Cu. Yds. Embankment for 10'x8' Concrete Box.

Sta. 37+50
Take up and Relay 16' 12" Corr. Pipe Sideroad on left.

Sta. 39+88.
Remove old 3'x2'x29' box culvert.
Build new 30"x46' Std. V.S.P. Enc. Culvert. Coping on Right and Left.
Present Str. longer than necessary.

Sta. 39+00
Place 16' of 12" Corr. Pipe in side drive on Right. Place 50 Cu. Yds. Emb. in side road approach on right of ℄.

NOTE:- Equation
Sta. 38+0 to 39+0
Short Station. 47.6'

Sta. 49+60
Remove 16' of 12" V.P. and place 16'-15" Corr. Pipe Sideroad on left.

Sta. 48+18
Place 12' of 15" Corr. Pipe in Side Drive on left of ℄.

Sta. 47+32.
Remove old 24"x28' V.S.P. Enc. Culvert.
Build new Std. V.S.P. Enc. Culv. 24"x50'.
Coping on Right and Left

Sta. 47+40 to 47+90.
Place 50 Lin. Ft. 15" V.S.P. Underdrain on left of ℄. Ditch grade.

Sta. 51+0
Remove present boiler flue 15"x18' long. Place 20' of 15" Corr. Pipe side road approach on left of ℄.

NOTE:- Sta. 54+0 to 55+0
Equation. Short Station 67.8'

Sta. 53+75
Remove 30' of 12" V.P.

Sta. 58+25
Remove 32' of 18" Cast Iron pipe.

Sta. 53+00.
Build Std. V.S.P. Enc. Culvert. 20"x44' With coping Right and left.

Channel Change
Excavation 106 Cu. Yds.
Shown on Sheet No. 46

Sta. 60+72.
Remove old 16' span x 17' wid
Build Special Slab Bridge.
S=17', H 12', Rdy 30, Skew 20
Build Detour Bridge 10 Ton
Approches 16 ft. wide.

Sta. 36+0
Place 16' of 12" Corr. Pipe Side Drive on left.

B.M. Sta. 36+00
East End Pump Stand
Kaylors Gas Sta. 25' Rt of ℄
Elev. 565.71

B.M. Sta. 52+50
N.W. Cor. Culvert Headwall at Shays Mine, 50' L of ℄
Elev. 572.69

B.M. S
N.W. Cor.
35'
Elev.

Curve Data on sheet No. 48.

Remove 50 trees on Rt. & Lft. of ℄ from Sta. 18+00 to 129+00

Sta. 36+50 to 90+00
Remove 8137 Sq. Yds. Old Brick Pavement

Sta. 36+50 to 90+00
Remove 10562 Lin. Ft. Old Stone Curb

Grade line shown is crown of finished pavement.

All elevations are referred to U.S.G.S. Datum

SHORT 47.6 STA.

SHORT 67.8 STA.

Sta. 34+0
Deduct 190 Cu. Yds. Embankment for 10'x8' Concrete Box.

Sta. 39+0
Place 50 Cu. Yd. Embankment in Side road approach on right of ℄.

Sta. 43+23
Place 25 Cu. Yds. Embankment in side road approach on right of ℄.

Sta. 58+50
Excavate 106 Cu. Yds. of Channel Change as shown on Sheet. No. 46.

Sta. 60+72
Deduct 83 Cu. Yds. Embankment for Slab Bridge.

P.I. 562.00

562.00 562.02 562.08 562.18 562.32 562.51 562.73 563.00 563.30 564.60 565.90 567.20 568.50 569.80 570.68 571.98 573.28 574.58 575.88 577.18 578.48 579.78 581.08

+1.30 %

0.00 %

47+00 P.C. — 200' V.C. — 49+00 P.T.

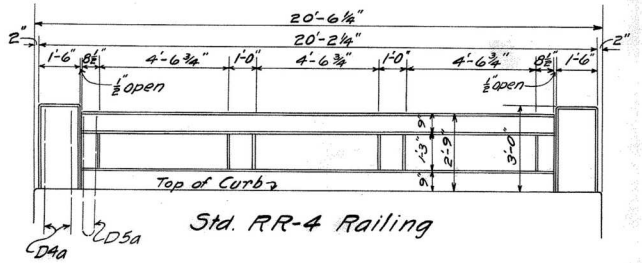
Excavation
Plus for Channel Change Sta. 34+50
Plus for Channel Change Sta. 58+50
Total Excavation
Embankment
Plus for Sideroad Sta. 67+50
Plus for Sideroad Sta. 43+25
Plus for Sideroad Sta. 39+0
Deduct for Bridge Sta. 60+72
Embankment
Embankment +20%

5304 5636 5642 5641 5630 5618 5611 5609 5610 5610 5611 5610 5612 5619 5644 5676 5679 5661 5637 5650 5662 5755 5735 5747 5734 5732 5764 5796 5805

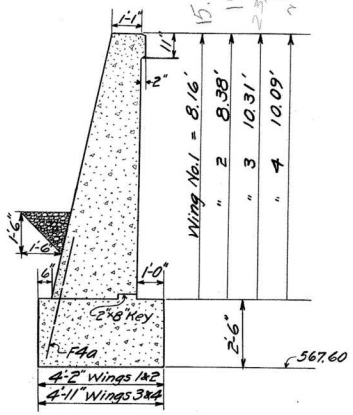
35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63

FED. AID DIST. NO.	STAT
10	OHI

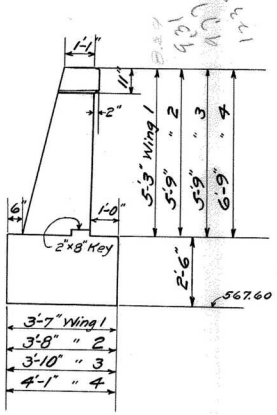
S.H. (I.C.H.)
MEIGS
PROPOSA
Structure

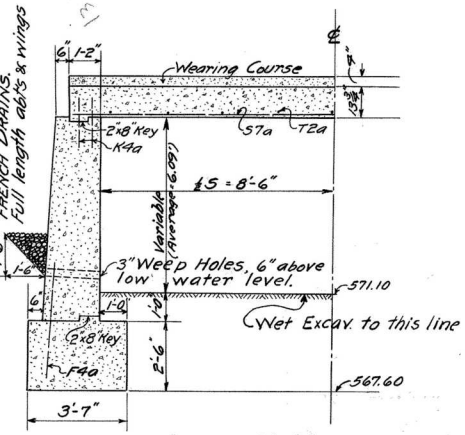


Std. RR-4 Railing



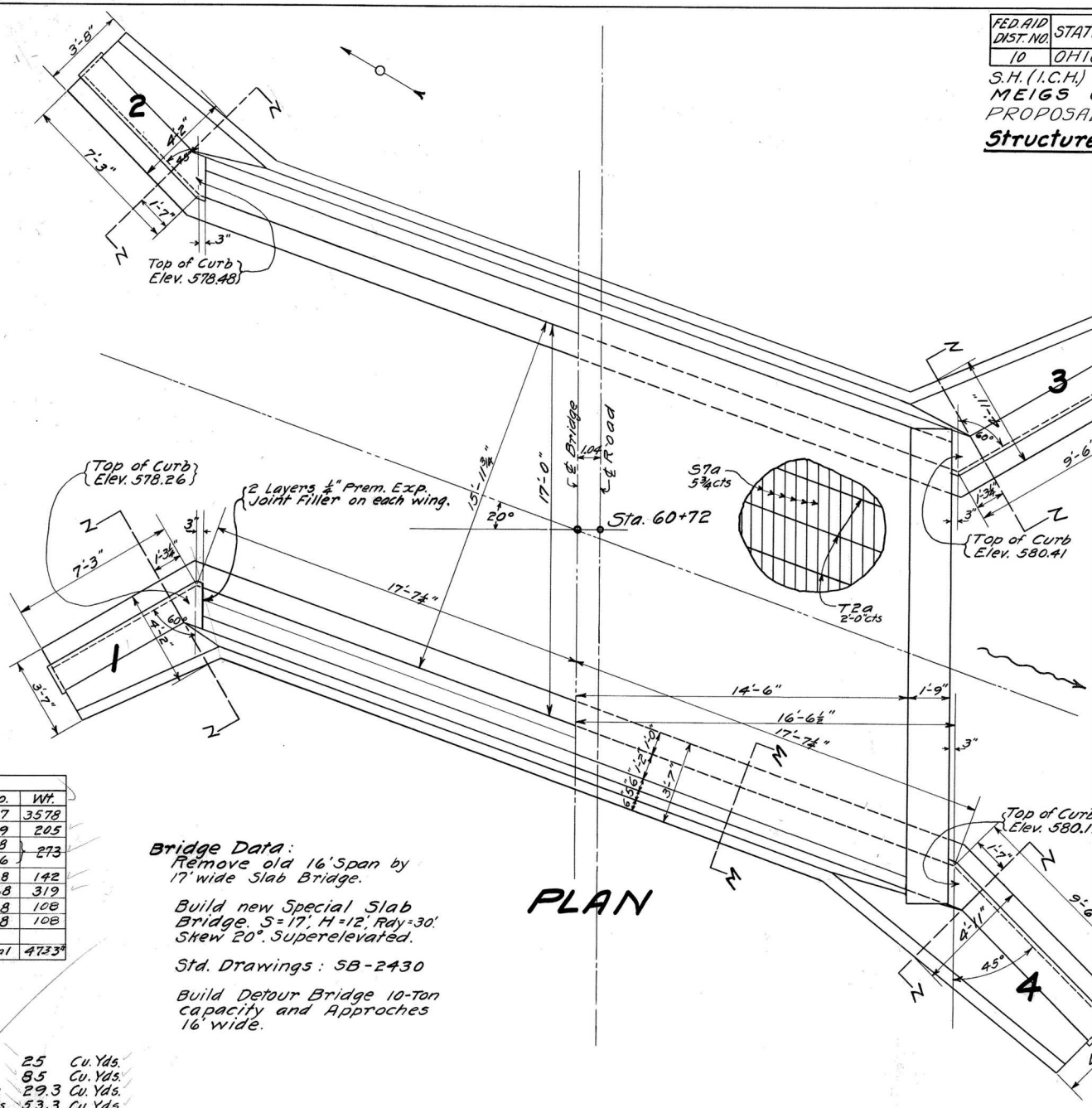
SECTION N-N





SECTION M-M

Steel List						
Mark	Size	Shape	Spc'g	Length	No.	Wt.
S7a	1"ϕ	bent	5 3/4"	20'-0"	67	3578
T2a	½"ϕ	str't	2'-0"	34'-0¾"	9	205
D4a	5/8"ϕ	bent	shown	9-0	8	273
D5a	3/4"ϕ	"	"	8-3	16	
K4a	5/8ϕ	str't	1'-0" stgrd	2-0	68	142
F4a	5/8ϕ	"	1'-6"	4-6	68	319
W3a	3/4ϕ	bent	2 to each wing	9-0	8	108
W5b	3/4ϕ	"		9-0	8	108
					Total	4733#



PLAN

Bridge Data:
Remove old 16' Span by 17' wide Slab Bridge.

Build new Special Slab Bridge. S = 17', H = 12', Rdy = 30'. Skew 20°. Superelevated.

Std. Drawings: SB-2430

Build Detour Bridge 10-Ton capacity and Approches 16' wide.

Est. Quantities:

Excav., dry	25	Cu. Yds.
" wet	85	Cu. Yds.
Conc., 1:5½, Slab & Curbs	29.3	Cu. Yds.
" 1:6½, Abts & Wings	53.3	Cu. Yds.
" 1:6½, Footings	35.8	Cu. Yds.
4" Wearing Course (1:5½ Conc)	63.	Sq. Yds.
Reinf. Steel	4733	Lbs.
¼" Prem. Exp. Jt. Filler	25	Sq. Ft.
Std. RR-4 Railing	40.4	Lin. Ft.
Removal old bridge	Lump $	35.00
Detour bridge	Lump $	50.00

Drawn by
Blazewicz
Aug. 1930

SPECIAL
SPAN
STA