STATE OF OHIO
DEPARTMENT OF HIGHWAYS AND PUBLIC WORKS
DIVISION OF HIGHWAYS
BUREAU OF MAINTENANCE

NEW LONDON FITCHVILLE ROAD

I.C.H. NO. 293 SEC. B PET. NO. 5420

HURON COUNTY

NEW LONDON TWP FEBRUARY 1926

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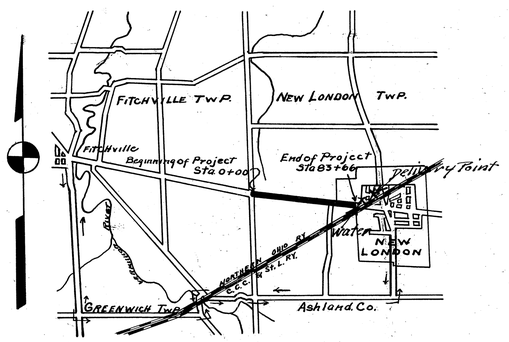
CONVENTIONAL SIGNS

STATE LINE
COUNTY LINE
TOWNSHIP LINE
SECTION LINE
PROPERTY LINE NOT FENCED
CENTER LINE
CITY OR VILLAGE LINE
FENCE
TELEPHONE OR TELEGRAPH
STEAM RAILROAD
ELECTRIC LINE
GUARD RAIL
DRAIN PIPE NEW
DRAIN PIPE OLD



LOCATION PLAN

SCALE OF MILES

PORTION TO BE IMPROVED
DETOURS SHOWN THUS
IMPROVED ROADS

SCALES

PLAN	1" = 100'
PROFILE (VERTICAL)	1" = 10'
PROFILE (HORIZONTAL)	1" = 100'
CROSS SECTION	1" = 5'

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO DIVISION OF HIGHWAYS IN FORCE ON DATE OF CONTRACT WILL GOVERN THIS IMPROVEMENT.

I HEREBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF THIS IMPROVEMENT WILL REQUIRE THE CLOSING TO TRAFFIC OF THE HIGHWAY AND THAT DETOURS WILL BE PROVIDED AS SHOWN ON THE PLAN AND ESTIMATES

APPROVED Clifford T. Williams
DATE RESIDENT ENGINEER

APPROVED R. J. Brindle
DATE 8/15/26 DIVISION ENGINEER

APPROVED Harry J. Kirk
DATE 8/30-26 STATE HIGHWAY ENGINEER

APPROVED G. F. Schlesinger
DATE 8/30-26 DIRECTOR OF HIGHWAYS

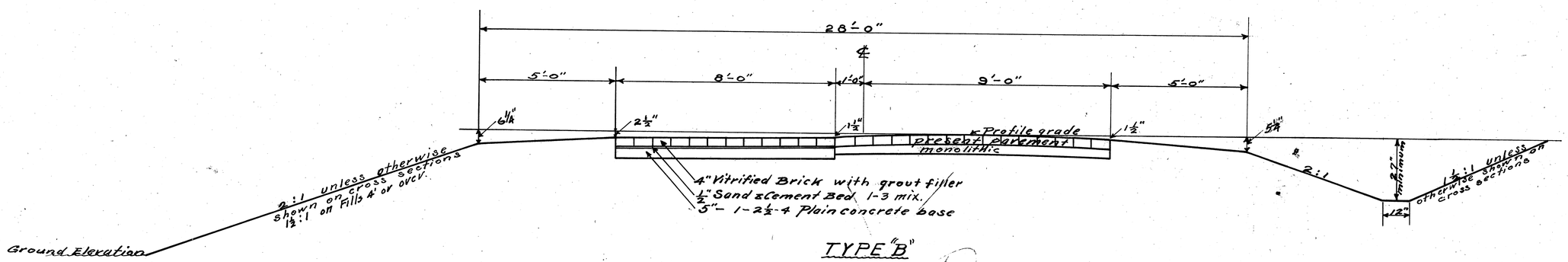
WE THE COMMISSIONERS OF HURON COUNTY HEREBY APPROVE THESE PLANS AND CERTIFY THAT THE RIGHT OF WAY 60 FEET IS AVAILABLE FOR THE CONSTRUCTION MAINTENANCE AND REPAIR OF THE ABOVE HIGHWAY

Homer Fish
H. N. Kessy
N. W. Lee

DATE COUNTY COMMISSIONERS

CONSTRUCTION BUREAU
AUG 22 1955
GROUND PHOTOLAB

TYPICAL CROSS-SECTION



TYPE "B"

SEMI-MONOLITHIC

Note: All excavated material to be used to widen Berms to a minimum of 5 Ft. as directed. Extra width will be allowed where there is a surplus of material.

The shoulders, slopes and ditches shall be cut and trimmed to the dimensions shown on the cross-section. All present Guard Rail necessary to be moved shall be taken down and neatly stored by the contractor as directed.

SUMMARY OF QUANTITIES

8366 Lin. Ft. x 8 ÷ 9 =

Excavation	4162 Cu. yds.
Pavement	7436.44 Sq. yds.
Deduct for Bridge Sta. 46+00	12.44 " "
Total Pavement	7424.00 Sq. yds.
Berms	8352 Lin. Ft.

SUMMARY OF CORR. PIPE FOR PRIVATE DRIVES

Station	Side of Road	Size	Lin. Ft.
1+70	South	8"	20
41+50	South	8"	18
54+00	South	8"	18
Total			56

SUMMARY OF 6" DRAIN TILE

From Station	To Station	Side of Road	Lin. Ft.
19+25	20+25	North	100
41+00	43+30	South	212
41+25	43+50	North	225
50+50	53+00	South	250
51+65	53+00	North	135
Total			922

STRUCTURES UNDER 20'

No.	Station	Type	Size	Length	Excavation Cu. yds.	Concrete 1-2-3½ Cu. yds.	Reinf. Steel Lbs.	Concrete 1-2½-4 Cu. yds.	Concrete 1-3-5 Cu. yds.	Hand Rail Lin. Ft.	Dowels ¾" Cut	Steel Dowels 36" x 12" in place
1	27+35	Conc. Box	2½x2½	30'	1.4	2.85	83				8	
2	28+50	Conc. Box	6'x4'	30'	4.0	11.6	343				22	
3	46+00	Conc. Slab	12' Span	24' Rdway	15.0	2.75	289	9.6	4.3	14	5	8
TOTALS					20.4	17.20	715	9.6	4.3	14	35	8

Huron County
I.C.H. 293 Sec. "B"

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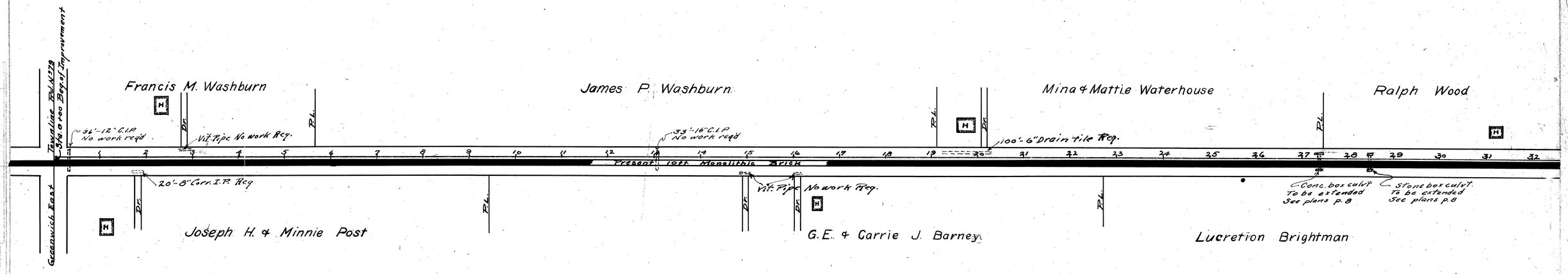
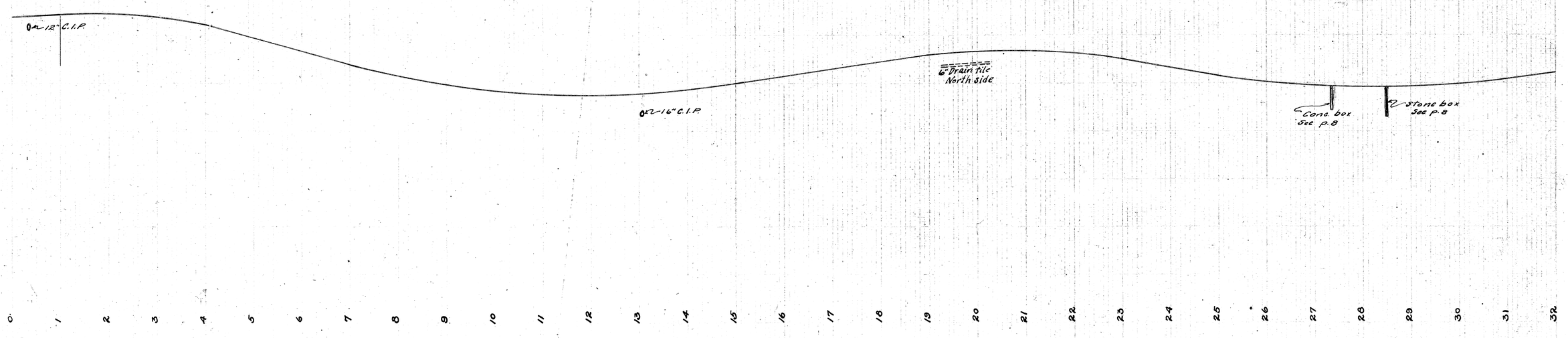
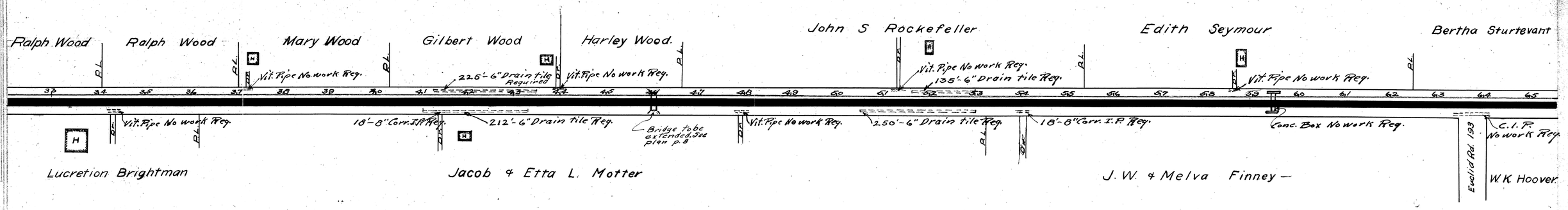
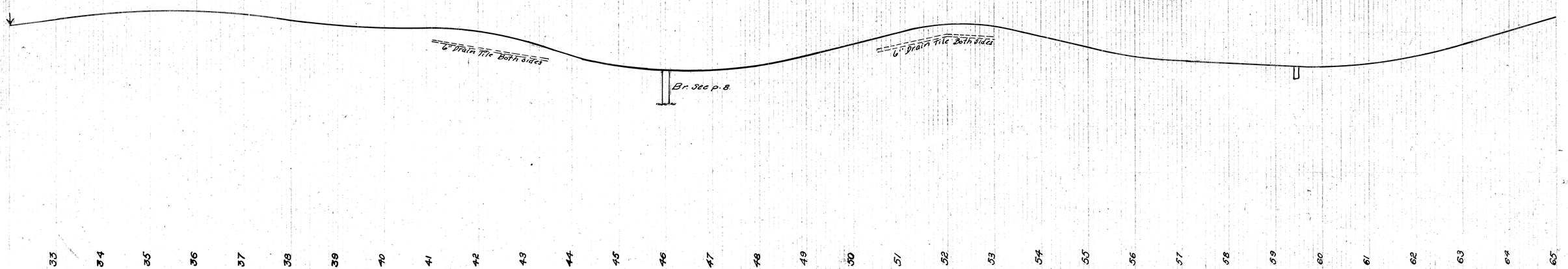


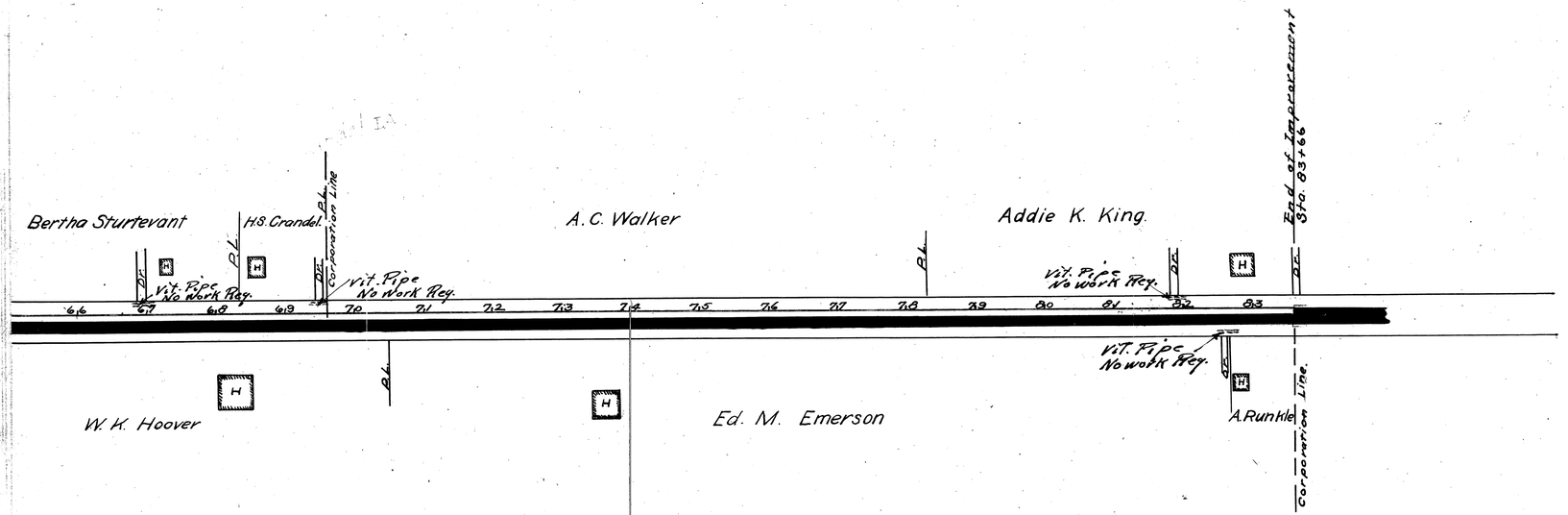
Note:- Grade Line Shown is Crown of Present Pavement



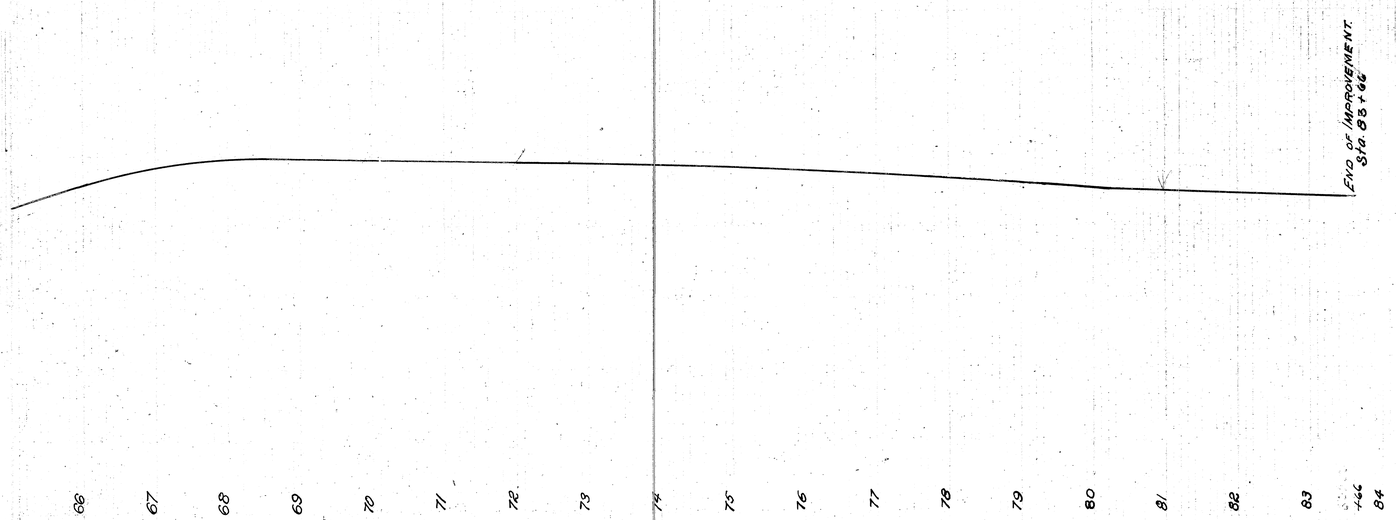


Note:- Grade Line Shown is Crown of Present Pavement



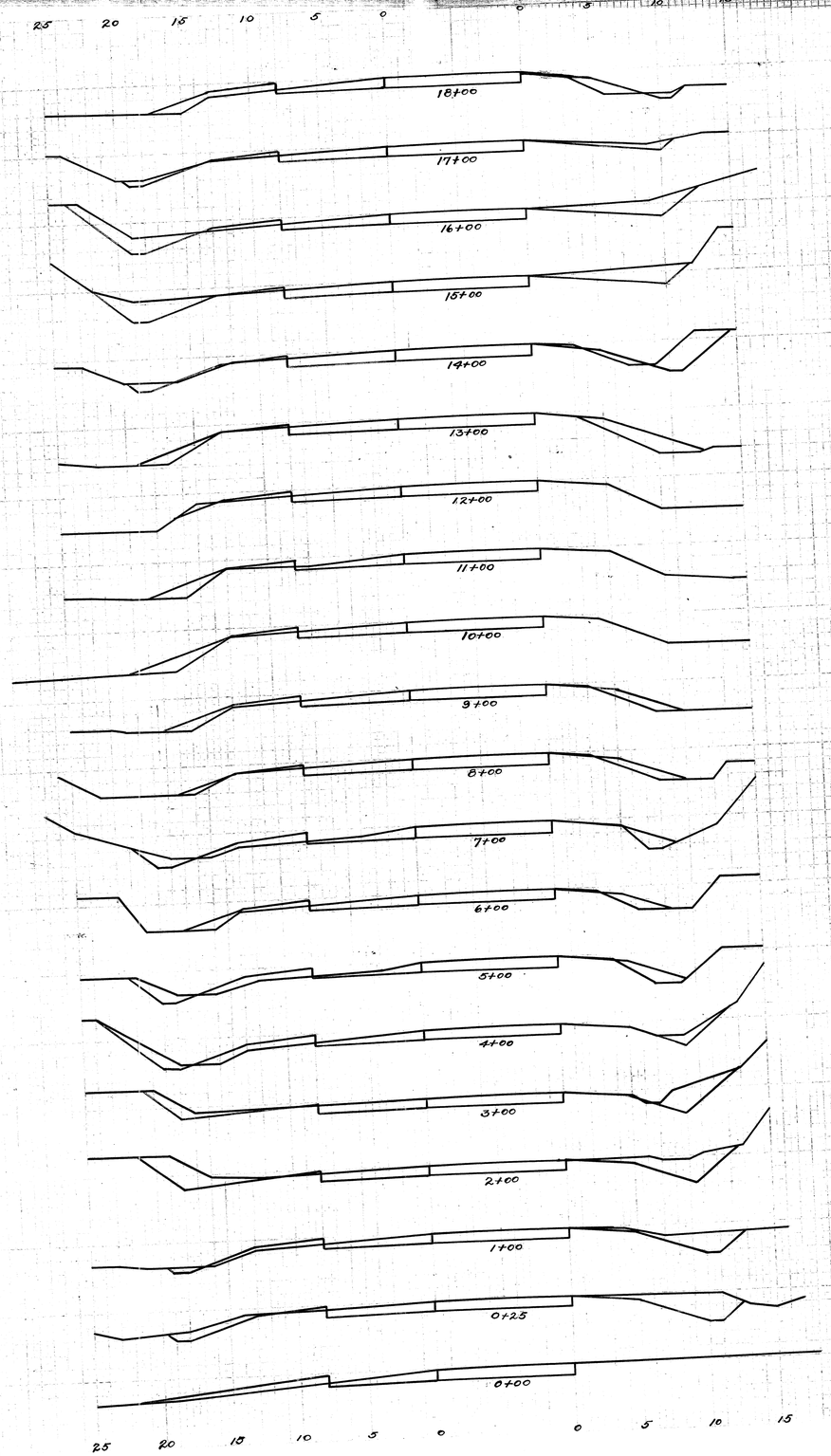


Note:- Grade line shown is crown of old pavement



I.C. Hwy 93 Sheet 1
Hayden County

End Area Cut	End Area Fill	Cu. Yds. Cut	Cu. Yds. Fill
5			
		22	
7			
		50	
20			
		74	
20			
		59	
12			
		32	
5			
		17	
4			
		13	
3			
		15	
5			
		17	
4			
		17	
5			
		19	
5			
		17	
4			
		17	
5			
		24	
8			
		46	
17			
		74	
23			
		61	
10			
		54	
19			
		11	
4			



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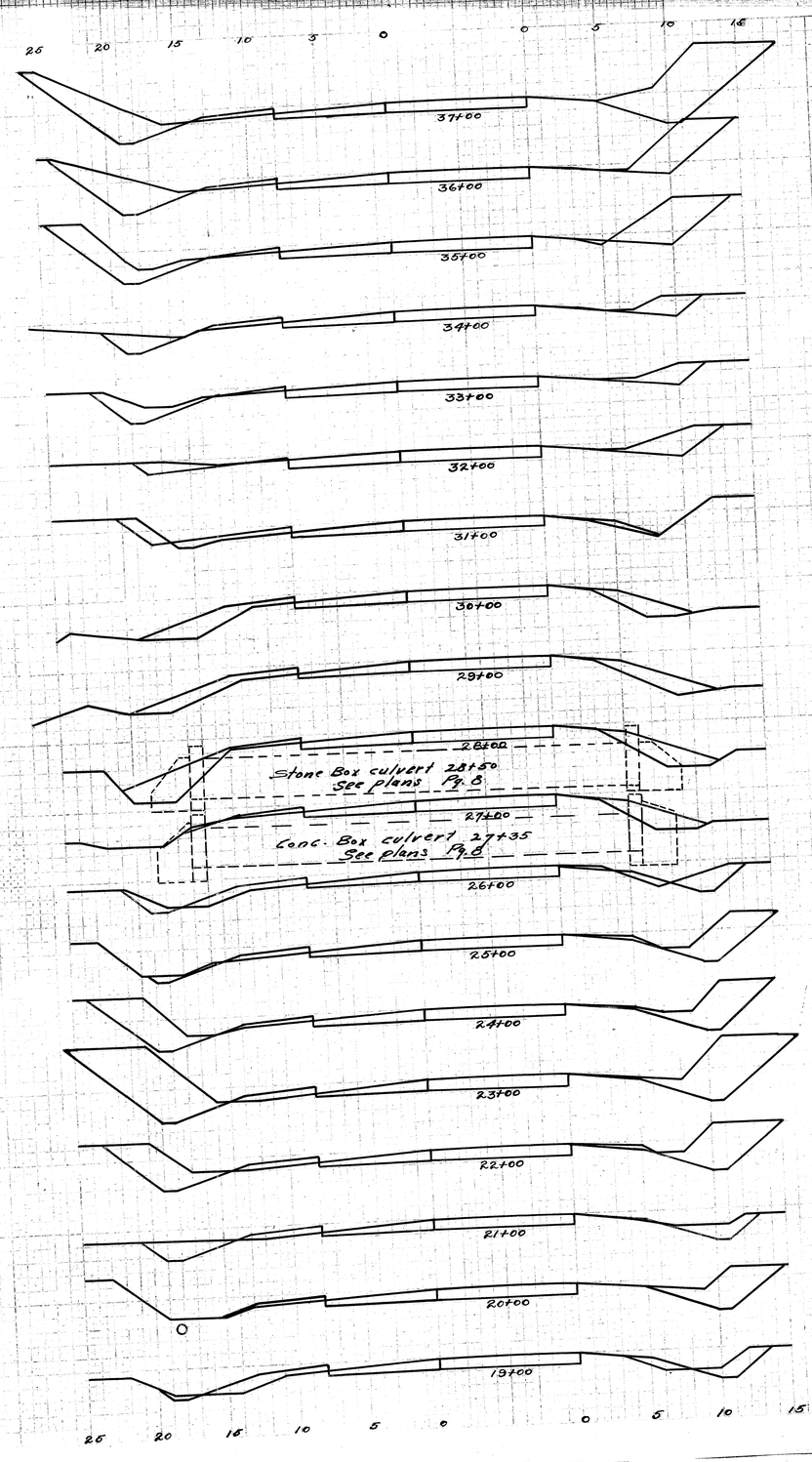
End Area Cut	End Area Fill	Cu. Yds. Cut	Cu. Yds. Fill
		107	
54			
		163	
34			
		122	
32			
		85	
14			
		54	
15			
		57	
16			
		41	
6			
		19	
4			
		13	
3			
		13	
4			
		15	
4			
		26	
10			
		48	
16			
		93	
36			
		165	
53			
		159	
33			
		89	
15			
		57	
16			
		44	
8			
		24	



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I.C.H. 293 Sec. B.
Huron County

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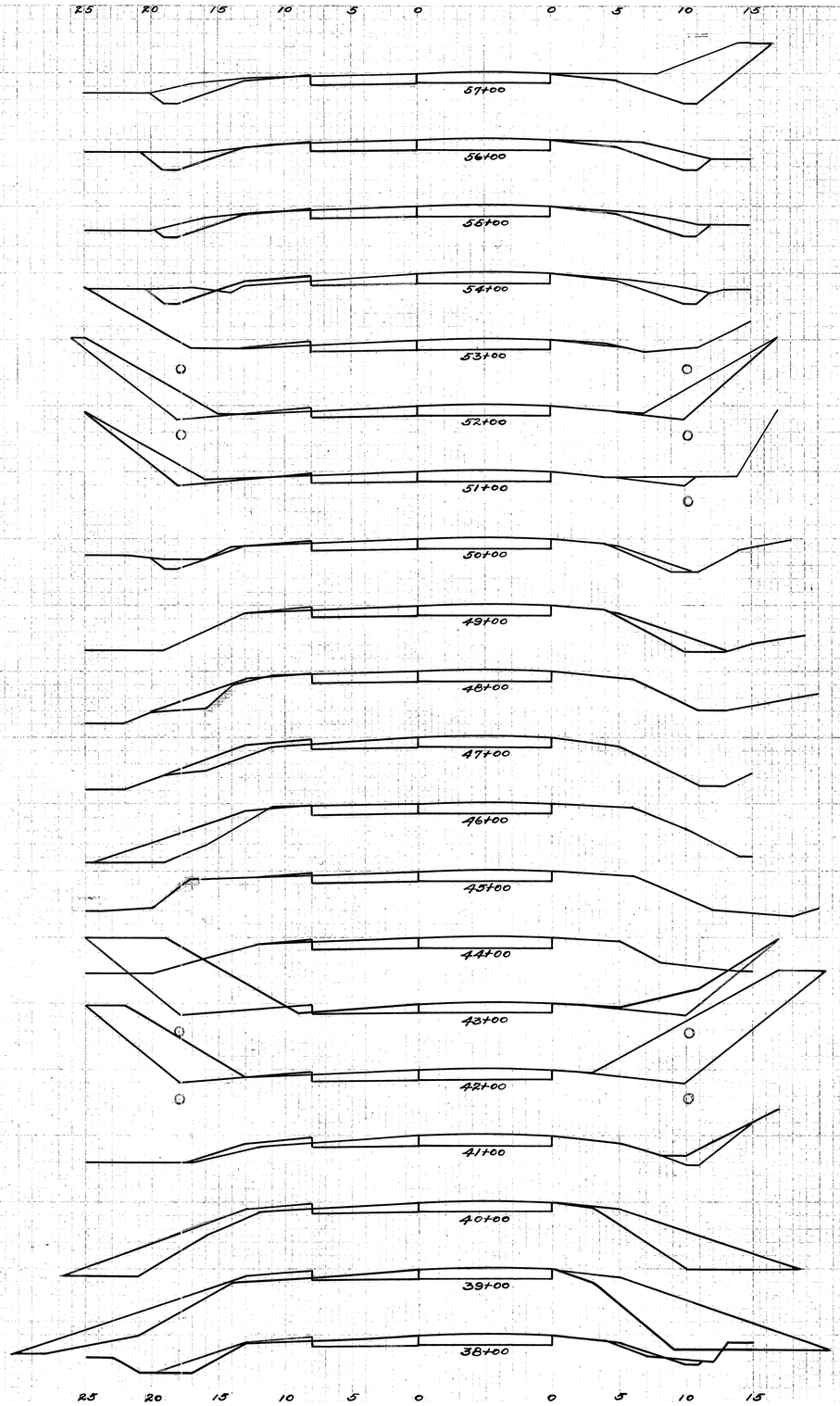
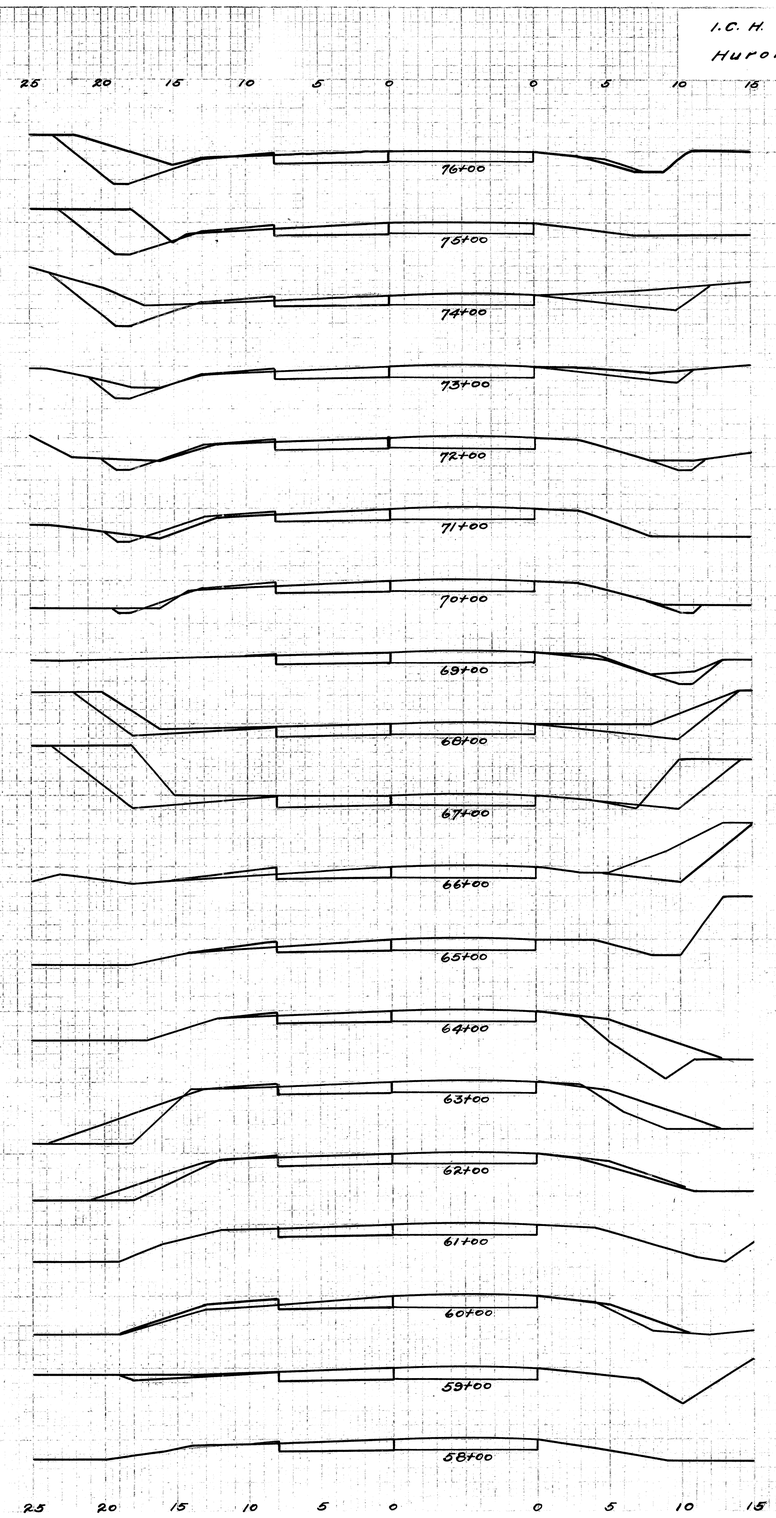
End Area Cut	End Area Fill	Cu. yds. Cut	Cu. yds. Fill
32			
		91	
17			
		56	
13			
		46	
12			
		30	
4			
		68	
33			
		89	
15			
		41	
7			
		22	
5			
		19	
5			
		17	
4			
		17	
5			
		18	
5			
		19	
5			
		111	
55			
		252	
81			
		165	
8			
		22	
4			
		13	
3			
		13	
4			



End Area Cut	End Area Fill	Cu. yds. Cut	Cu. yds. Fill
20			
		81	
24			
		89	
24			
		67	
12			
		35	
7			
		22	
5			
		17	
4			
		24	
9			
		59	
23			
		117	
40			
		107	
18			
		41	
4			
		17	
5			
		19	
5			
		18	
5			
		19	
5			
		15	
3			
		18	
7			
		22	
5			
		68	



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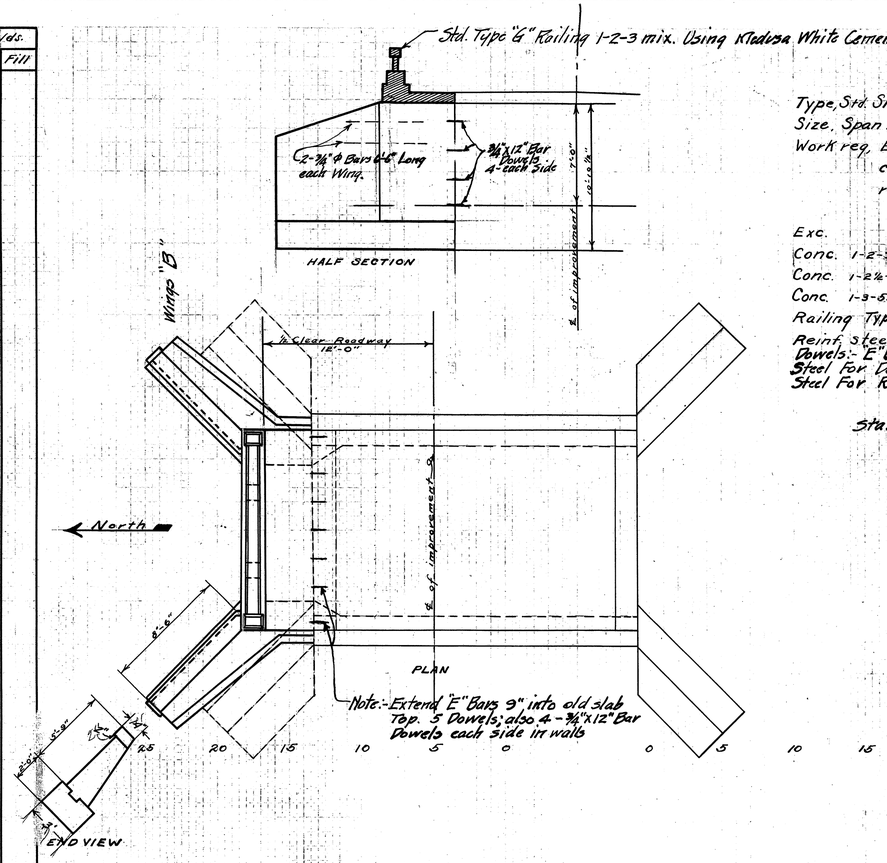
End Area		Cu. yds.	
Cut	Fill	Cut	Fill



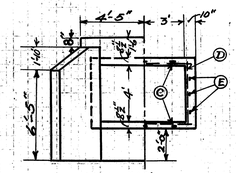
BRIDGE DATA

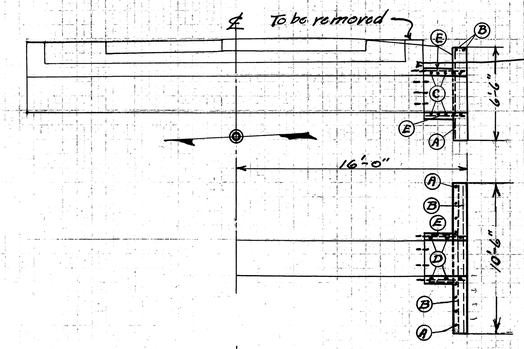
Type, Std. Slab Bridge Dr. 302-1
Size, Span 12', Roadway 24', Height 7'
Work req. Extend bridge North 3'-0", present North curb and handrails to be removed, where necessary. remove present wing walls.

EST. QUANTITIES

Exc.	15. cu. yds.
Conc. 1-2-3½	2.75 cu. yds.
Conc. 1-2¼-4	9.4 cu. yds.
Conc. 1-3-6.	4.3 cu. yds.
Railing Type "G" 1-2-3 mix. White Cem.	14 Lin. ft.
Reinf. Steel	289 lbs.
Dowels:- E" Bars 5 x 3/8"x12" ϕ Bars	8
Steel For Dowels	12 Lbs.
Steel For Railing	58.5 Lbs.

Sta. 46+00





Note:- Dowel 6 "E" side x 2 "E" top Bars into Old Structure 6"

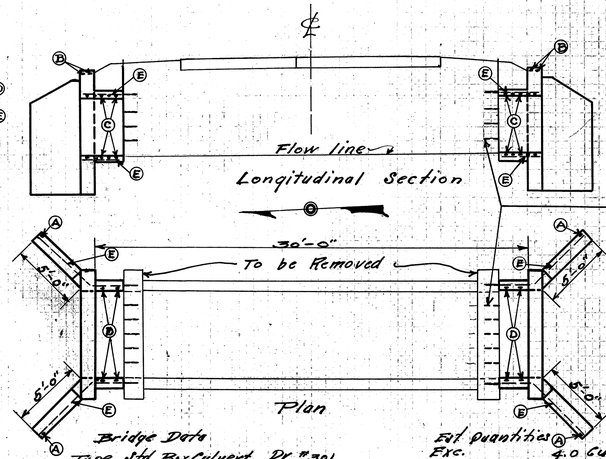
Bridge Data
Type, Std. Box Culvert Dr. #301
Size, 2'-6" x 2'-6"
Work req. Extend Present conc. bbx 3'-0" So. end Special End Wall

Est. Quantities
Exc. 1.4 cu. yds.
Conc. 1-2-3½ 2.85 cu. yds.
Reinf. Steel 83 Lbs.
Dowels 3/8"x6" 8
Drawn by W.D.T. checked by

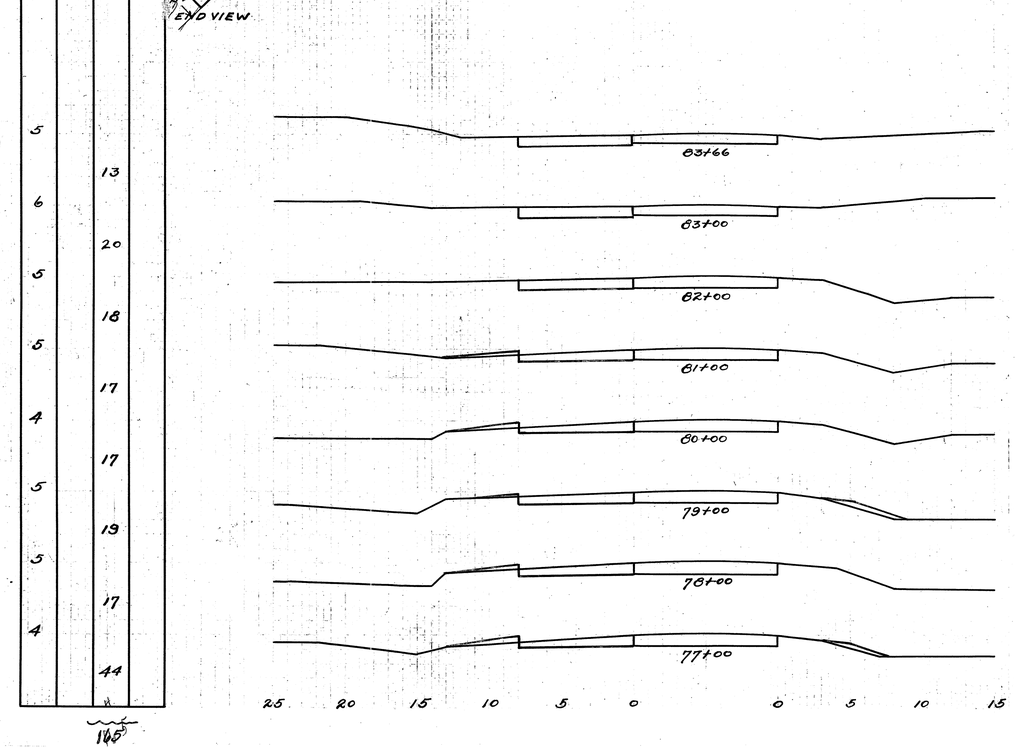
Sta. 27+35

Steel List

"A"	8 Pcs.	3/8 ϕ Bars	6'-6" Long	=	23.0 Lbs.
"B"	2 "	" ϕ "	10'-0 "	=	9.5 "
"C"	10 "	1/2 ϕ "	3'-6" "	=	30.0 "
"D"	4 "	3/8 ϕ "	3'-3" "	=	6.2 "
"E"	10 "	3/8 ϕ "	3'-0" "	=	14.3 "
					83.0 Lbs.



Note:- Dowel 6 "E" Side x 5 "E" Top Bars into Stone Box 9"
22 "E" 3/8" Bars 9" Extra Length = 8 Lbs.

Bridge Data
Type Std. Box Culvert Dr. #301
Size 6' x 4' Standard.
Work req. Extend Present Stone Box Culvert 3'-0" No. & 3'-0" So.
Drawn by W.D.T. checked by

Est. Quantities
Exc. 4.0 cu. yds.
Conc. 1-2-3½ 11.6 cu. yds.
Reinf. Steel 343 lbs.
Dowels 3/8"x6" 22
Sta. 28+50