

# STATE OF OHIO

## DEPARTMENT OF HIGHWAYS

### COLUMBUS - WASHINGTON C. H. ROAD

S. H. 50      SEC. H-2 & H-3 PT.      PET. N°

### FRANKLIN COUNTY

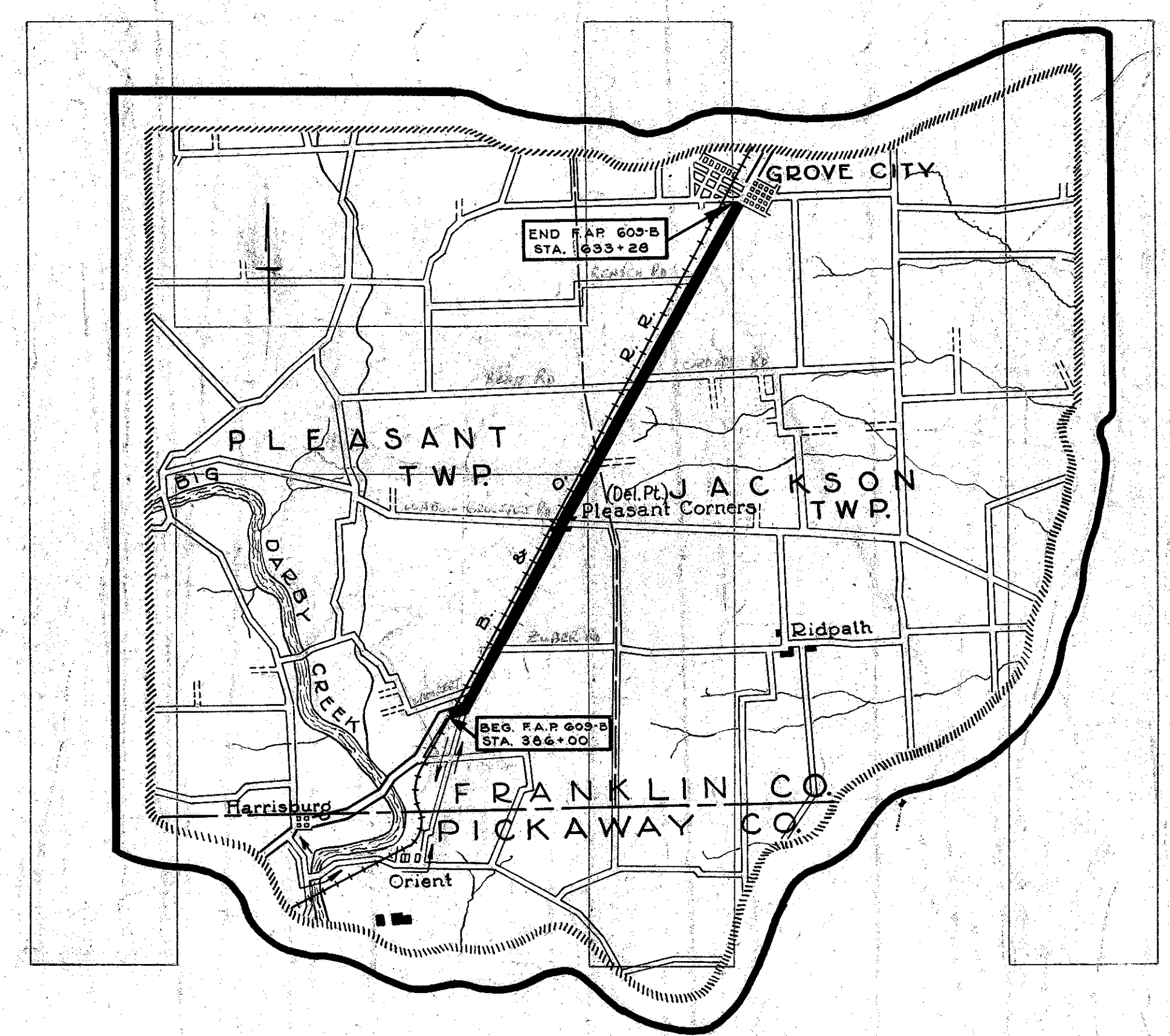
PLEASANT AND JACKSON TWP'S      MAY 1932

#### ~ CONVENTIONAL SIGNS ~

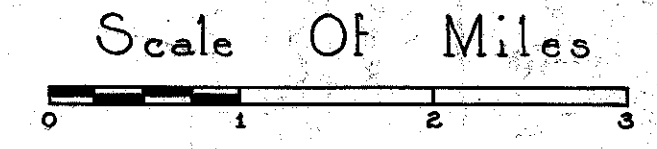
- |                          |           |
|--------------------------|-----------|
| County line              | -----     |
| Township line            | -----     |
| Section line             | -----     |
| Property line not fenced | -----     |
| Center line              | -----     |
| City or Village line     | -----     |
| Fence                    | -----     |
| Hedge                    | -----     |
| Telephone or Telegraph   | T T T T T |
| Steam railroad           | -----     |
| Electric line            | -----     |
| Guard rail               | -----     |
| Drain pipe ~ new         | -----     |
| Drain pipe ~ old         | -----     |

#### ~ INDEX ~

- |                  |       |
|------------------|-------|
| Title Sheet      | 1     |
| Typical Section  | 2     |
| Alignment Sheets | 3-19  |
| Cross Sections   | 20-36 |
| Structures       | 37-38 |
| Summary          | 39    |



LOCATION PLAN



- Portion to be improved -----
- Detours shown thus -----
- Improved roads -----

#### References

Supplemental Prints of Structural Standards  
Dwgs. #95, 98, 100, 123, 127, 300, 305, SC-A and BC-A.



The Standard Specifications of the STATE OF OHIO Department 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 not require the closing to traffic of the highway, except a portion where detours will be provided as shown on the plan and estimates, and certify that the right of way is available for the construction, maintenance and repair of the above highway.

- Approved: \_\_\_\_\_  
Date: \_\_\_\_\_ Resident District Deputy Director
- Approved: *H. H. Chapman*  
Date: *6-1-32* Resident Division Deputy Director
- Approved: *Elmer Hilte*  
Date: *6/3-32* Deputy Director Bureau of Construction
- Approved: \_\_\_\_\_  
Date: \_\_\_\_\_ Deputy Director Bureau of Maintenance
- Approved: \_\_\_\_\_  
Date: \_\_\_\_\_ Deputy Director Bureau of Bridges
- Approved: *H. H. Chapman*  
Date: *6-3-32* Chief Engineer, Asst. Director
- Approved: *O. W. Menzel*  
Date: *6-3-32* Director of Highways

Recommended for Approval: \_\_\_\_\_  
Date: \_\_\_\_\_ District Engineer Bureau of Public Roads

Recommended for Approval: \_\_\_\_\_  
Date: \_\_\_\_\_ Chief Engineer Bureau of Public Roads

Approved: \_\_\_\_\_  
Date: \_\_\_\_\_ Chief of Bureau

*OK for 5th min Sept. 1932*



FRANKLIN COUNTY  
S. H. - 50 SEC. H-2 & H-3 (Pt.)

GEORGE H. MILLER

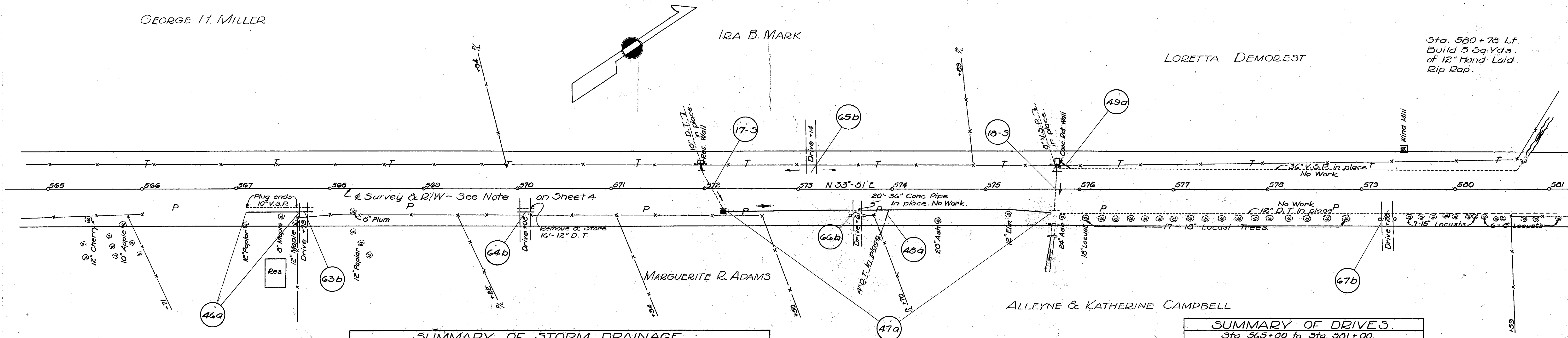
Sta. 572+08.

Extend present 30"x 46" Conc. Pipe and  
C.I.P. Culvert with 10' of 30" Rein. Conc. Pipe  
on left & 2' of 30" Rein. Conc. Pipe on Rt.  
Remove retaining wall on left & tops of headwalls  
Rt. & Lt. Build special inlet, 30" Lt. & 23'-6" Rt.  
See Sheet #37 for details of inlets. Spec. #3 Inlet.

Sta. 575 + 75.

Extend present 48"x42" Conc. Pipe Culvert with 10'-48" R.C.P. on Lt. Build special<sup>#4</sup> inlet 30'-6" Lt. & connect 8" V.S.P. & 36" V.S.P. to inlet. See Sh. #37 for details of inlet.

Sta. 580 + 78 Lt.  
Build 5 Sq. Yds.  
of 12" Hand Laid  
Rip Rap.



## SUMMARY OF STORM DRAINAGE

Sta. 565 + 00 to Sta. 581 + 00.

SUMMARY OF STORM DRAINAGE								
Sta. 565+00 to Sta. 581+00.								
No	Station	Side	6" Pipe Lin. Ft.	8" Pipe Lin. Ft.	36" V.S.P. Relaid Lin. Ft.	45° Bend of 36" Pipes	30" R.C.P. Sec. M.S. (50) Lin. Ft.	Remarks
46-a	567+10 to 567+24	Rt.		54				Conn. to Corr.
47-a	572+24 to 575+60	Rt.					324	Conn. to Spec. Inlet & to E.C.P. in place. Lay in ditch
48-a	573+36		G					
49-a	575+06	Lt.			10	1		Conn. to Spec. Inlet & to 36" V.S.P. in place.
	Total		G	54	10	1	324	

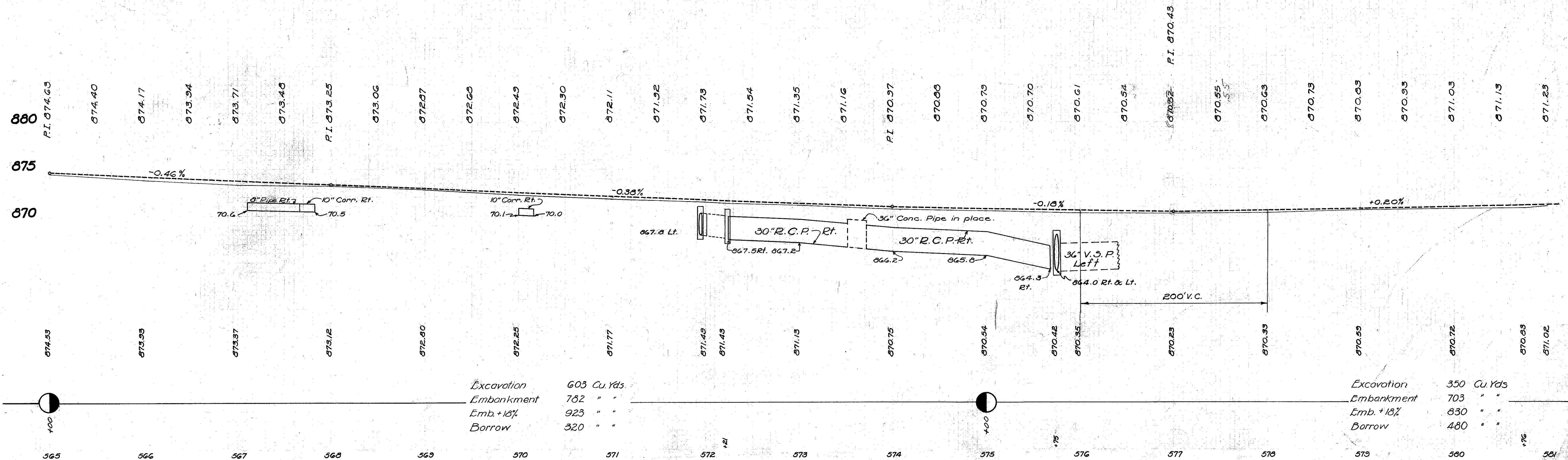
573 + 61 Rt.  
Connect new 30" R.C.P.  
to 20' of 36" R.C.P. in place  
with concrete collars.  
Payment for same to  
be included with pay-  
ment for 30" R.C.P.

575 + 70 Rt.  
Conc. Pipe Bridge  
48"x 12' Conc. Pipe Bridge  
in place. No Work  
Required.

### SUMMARY OF DRIVES.

Sta. 565+00 to Sta. 581+00.

SUMMARY OF DRIVES.					
Sta. 565+00 to Sta. 581+00.					
No.	Station	Side	10" Corr. I.P. Lin. Ft.	12" Corr. I.P. Relead Lin. Ft.	46 Stone or Gravel Cu. Yds.
63-b	567+73	Rt.		20	4
64-b	570+08	Rt.	16		4
65-b	573+14	Lt.			4
66-b	573+61	Rt.			4
67-b	579+28	Rt.			4
	Total		16	20	20



FRANKLIN COUNTY S. H. - 50 SEC. H-2 & H-3 (Pt.)

HARRY W. KROPP

MARTIN I. & EFFIE G. SNIDER

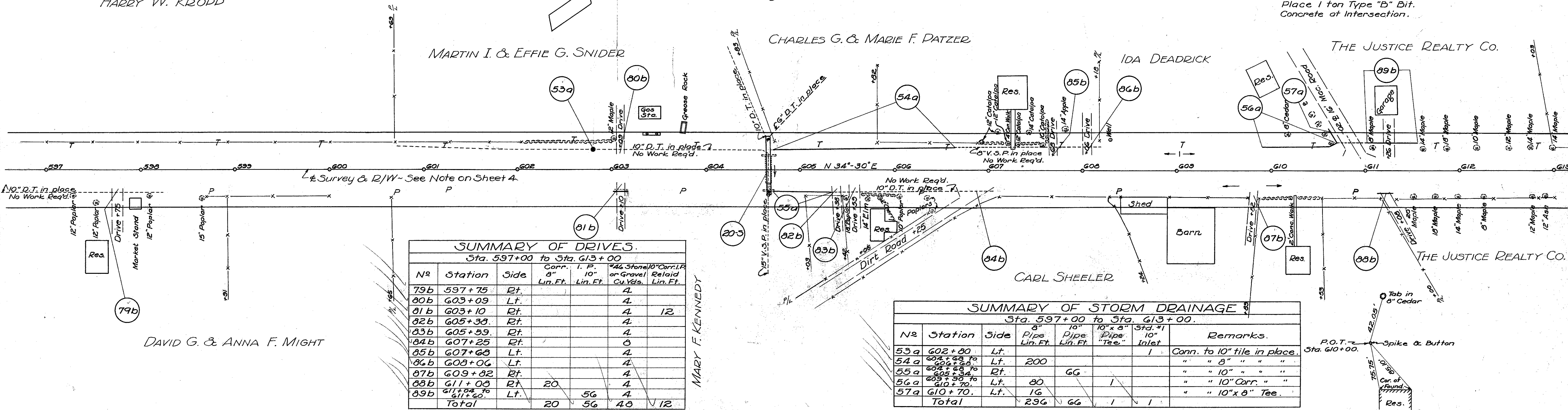
CHARLES G. & MARIE F. PATZER

IDA DEADRICK

THE JUSTICE REALTY CO.

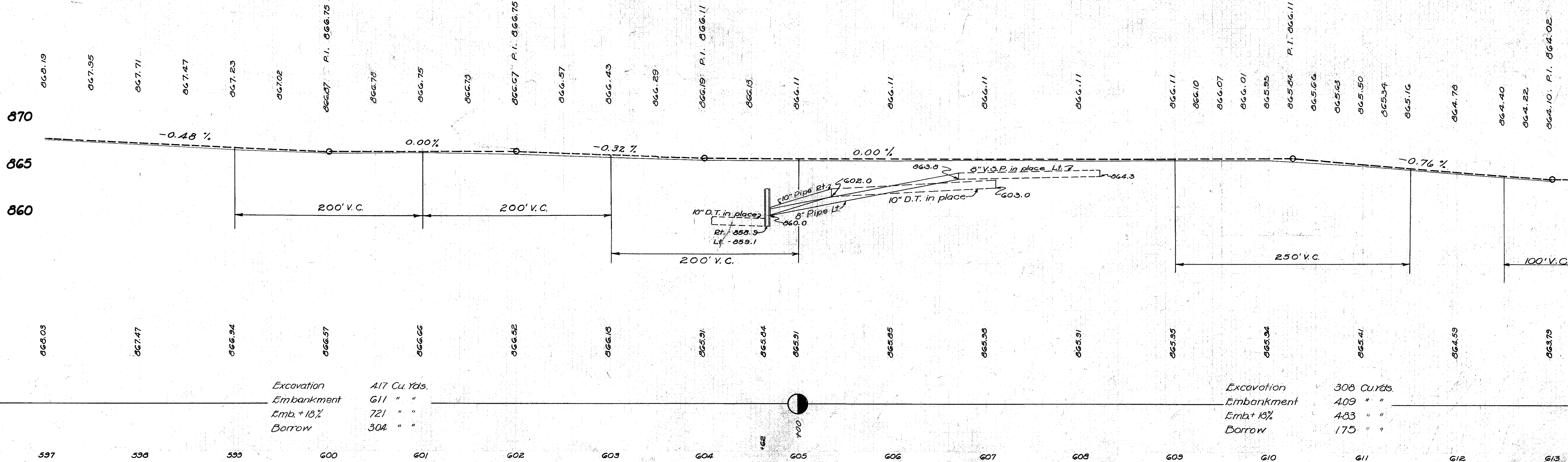
G11+02 Left 34'-10" Corr. I.P. in place No Work Req. Place 1 ton Type "B" Bit. Concrete at Intersection.

Sta. 604+66. Remove 6'x4' Stone Slab & 24" V.S.P. x 40' Culvert and 8" Conc. Inlet left. Build special 4'-0"x4'-0"x63'-0" Box Culvert. Connect existing tile & V.S.P. and new V.S.P. to structure. See Sheet #38 for details. Place 386# Trench Reinforcement Bars to be 10' long.



SUMMARY OF DRIVES.						
Sta. 597+00 to Sta. 613+00						
N <sup>o</sup>	Station	Side	Corr. 8" 10" Lin. Ft.		44" Stone/10" Corr. I.P. or Gravel Retard' Cu. Yds. Lin. Ft.	
			Lin. Ft.	Lin. Ft.	Lin. Ft.	Lin. Ft.
79b	597+75	Rt.			4	
80b	603+09	Lt.			4	
81b	603+10	Rt.			4	12
82b	605+38	Rt.			4	
83b	605+59	Rt.			4	
84b	607+25	Rt.			0	
85b	607+68	Lt.			4	
86b	608+06	Lt.			4	
87b	609+82	Rt.			4	
88b	611+08	Rt.	20		4	
89b	611+04 to 611+60	Lt.		56	4	
Total			20	56	40	12

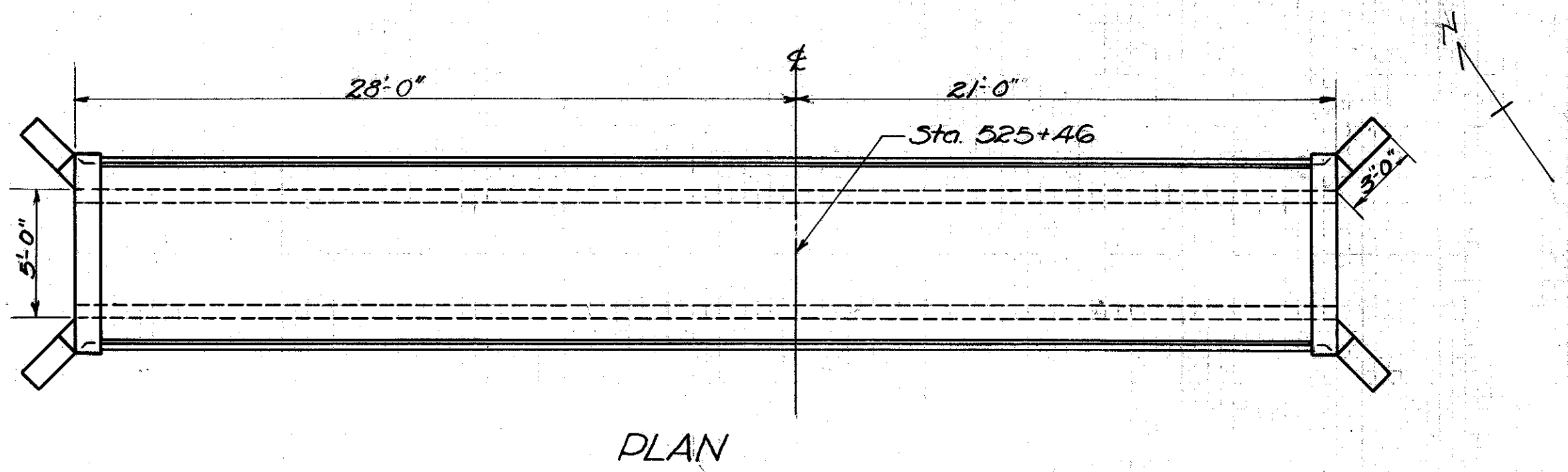
SUMMARY OF STORM DRAINAGE						
Sta. 597+00 to Sta. 613+00						
N <sup>o</sup>	Station	Side	8" 10" Pipe Lin. Ft.		10" x 8" 10" Pipe "Tee" Inlet	
			Lin. Ft.	Lin. Ft.	Lin. Ft.	Lin. Ft.
53a	602+80	Lt.			1	
54a	604+68	Lt.	200			
55a	608+34	Rt.		66		
56a	609+82	Lt.	80		1	
57a	610+70	Lt.	16			
Total			296	66	1	1



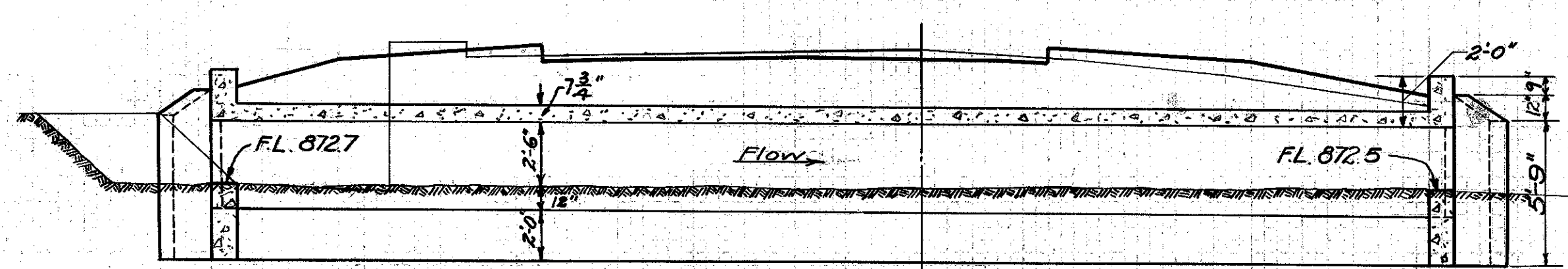
Excavation 417 Cu. Yds.  
Embankment 611 " "  
Emb. + 13% 721 " "  
Borrow 304 " "

Excavation 308 Cu. Yds.  
Embankment 409 " "  
Emb. + 13% 483 " "  
Borrow 175 " "





PLAN



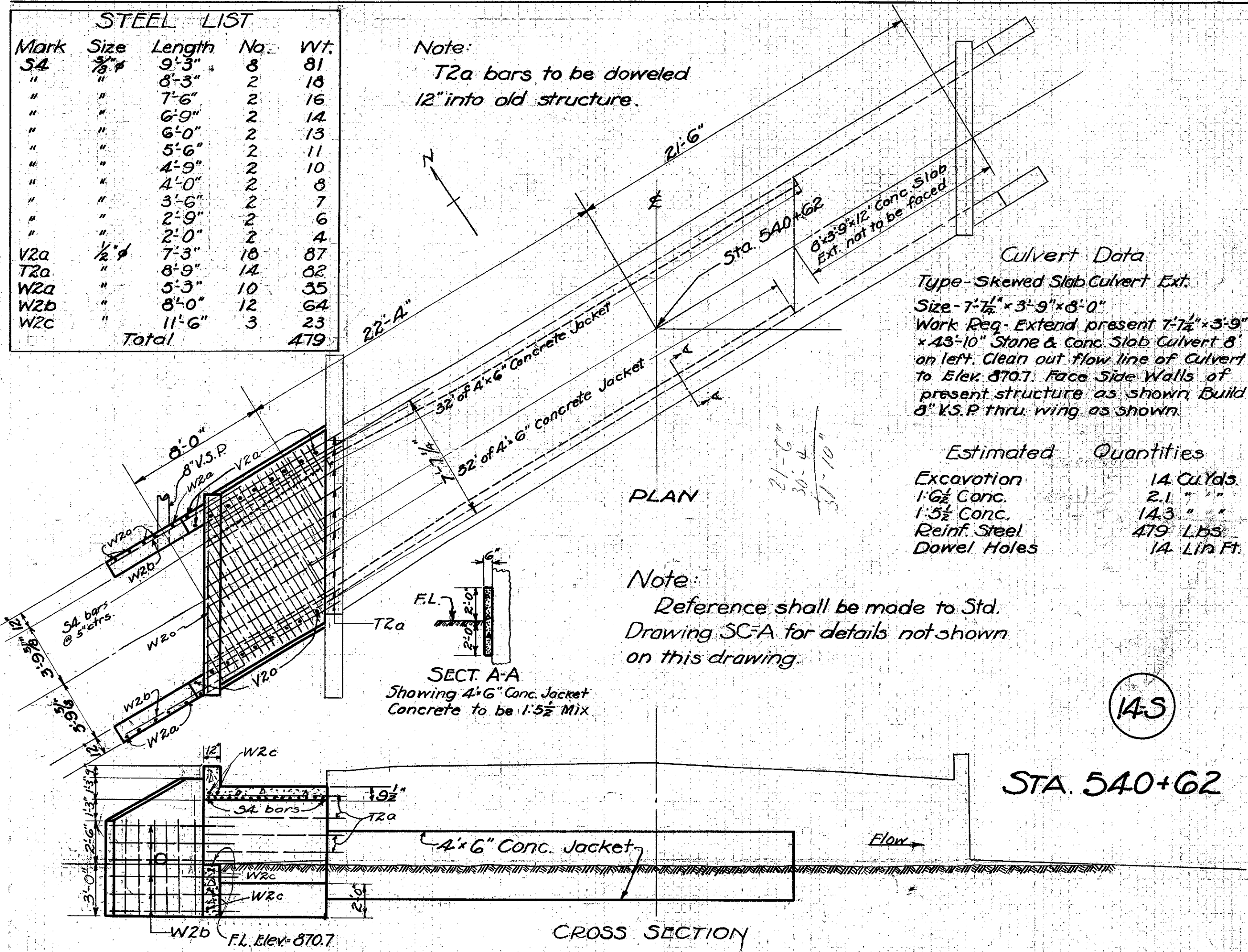
CROSS SECTION

Culvert Data		Estimated Quantities		STA. 525+46
Type -	Std. Slab Top Culvert Dr. # SC-A	Excavation	103 Cu. Yds.	
Size -	5'-0" x 2'-6" x 49'-0"	1'-6" Concrete	132 "	
Work Req. -	Remove present 4'-3" x 41"	1'-5 1/2" Concrete	24.8 "	
Stone & Conc. Slab Culvert. Build new.	5'-0" x 2'-6" x 49'-0" Slab Top Culvert.	Reinforcing Steel	1898 Lbs.	

STEEL LIST

Mark	Size	Length	No.	Wt.
5A	9'-3"	8	81	
"	8'-3"	2	18	
"	7'-6"	2	16	
"	6'-9"	2	14	
"	6'-0"	2	13	
"	5'-6"	2	11	
"	4'-9"	2	10	
"	4'-0"	2	8	
"	3'-6"	2	7	
"	2'-9"	2	6	
"	2'-0"	2	4	
V2a	7'-3"	10	87	
T2a	8'-9"	14	82	
W2a	5'-3"	10	35	
W2b	8'-0"	12	64	
W2c	11'-6"	3	23	
Total			479	

Note:  
T2a bars to be doweled  
12" into old structure.



Culvert Data

Type - Skewed Slab Culvert Ext.

Size - 7'-1 1/2" x 3'-9" x 8'-0"

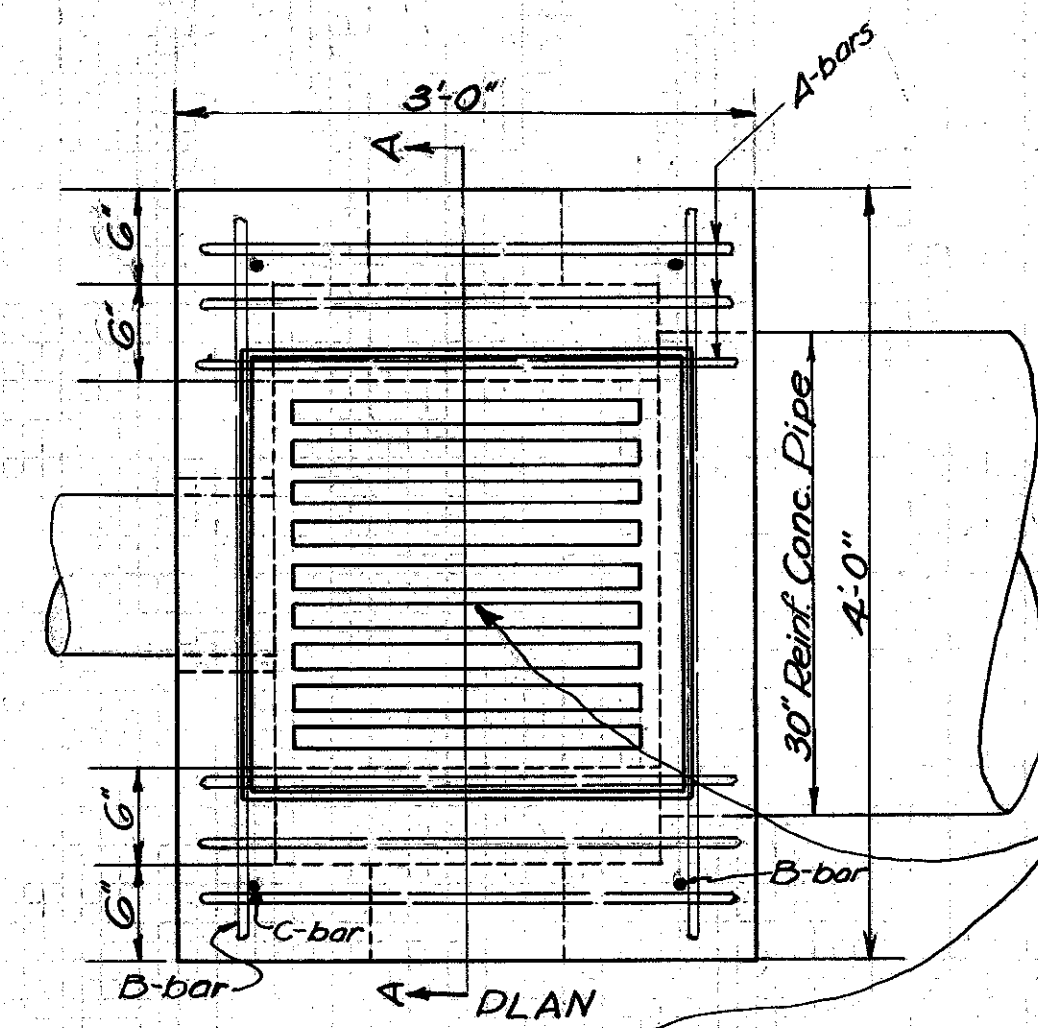
Work Req. - Extend present 7'-1 1/2" x 3'-9" x 43'-10" Stone & Conc. Slab Culvert 8' on left. Clean out flow line of Culvert to Elev. 870.7. Face Side Walls of present structure as shown. Build 8" V.S.P. thru wing as shown.

Estimated Quantities

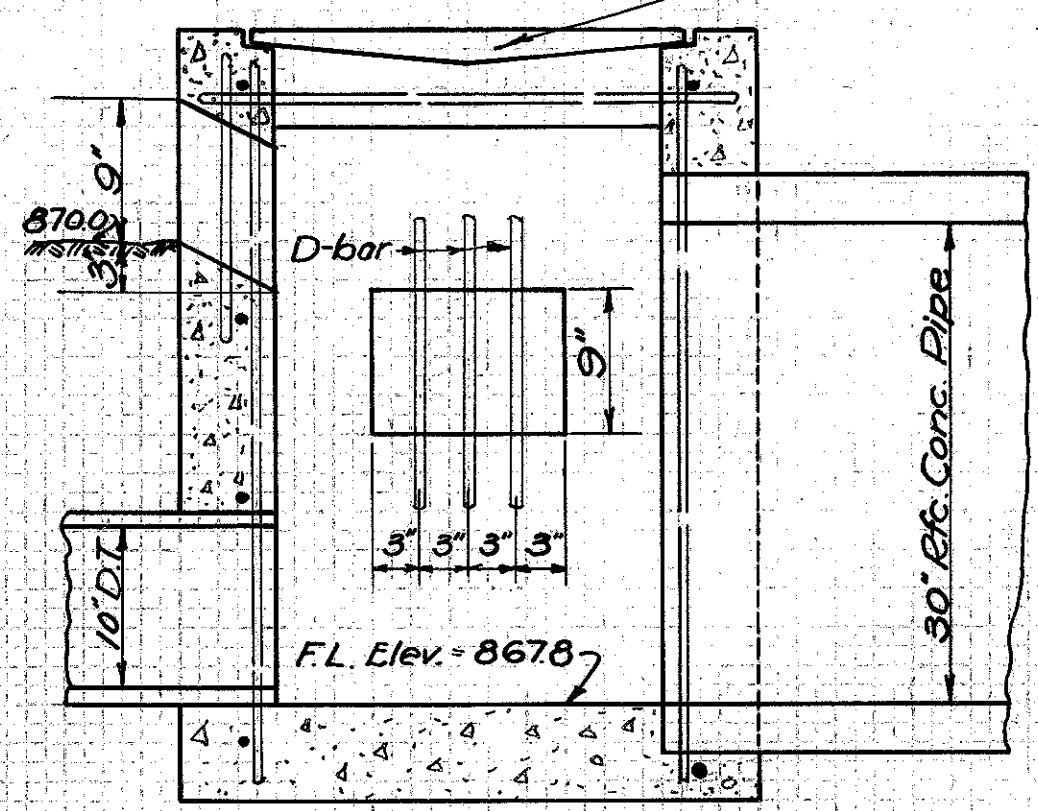
Excavation	14 Cu. Yds.
1'-6 1/2" Conc.	2.1 "
1'-5 1/2" Conc.	14.3 "
Reinf. Steel	479 Lbs.
Dowel Holes	14 Lin Ft.

Note:  
Reference shall be made to Std. Drawing SC-A for details not shown on this drawing.

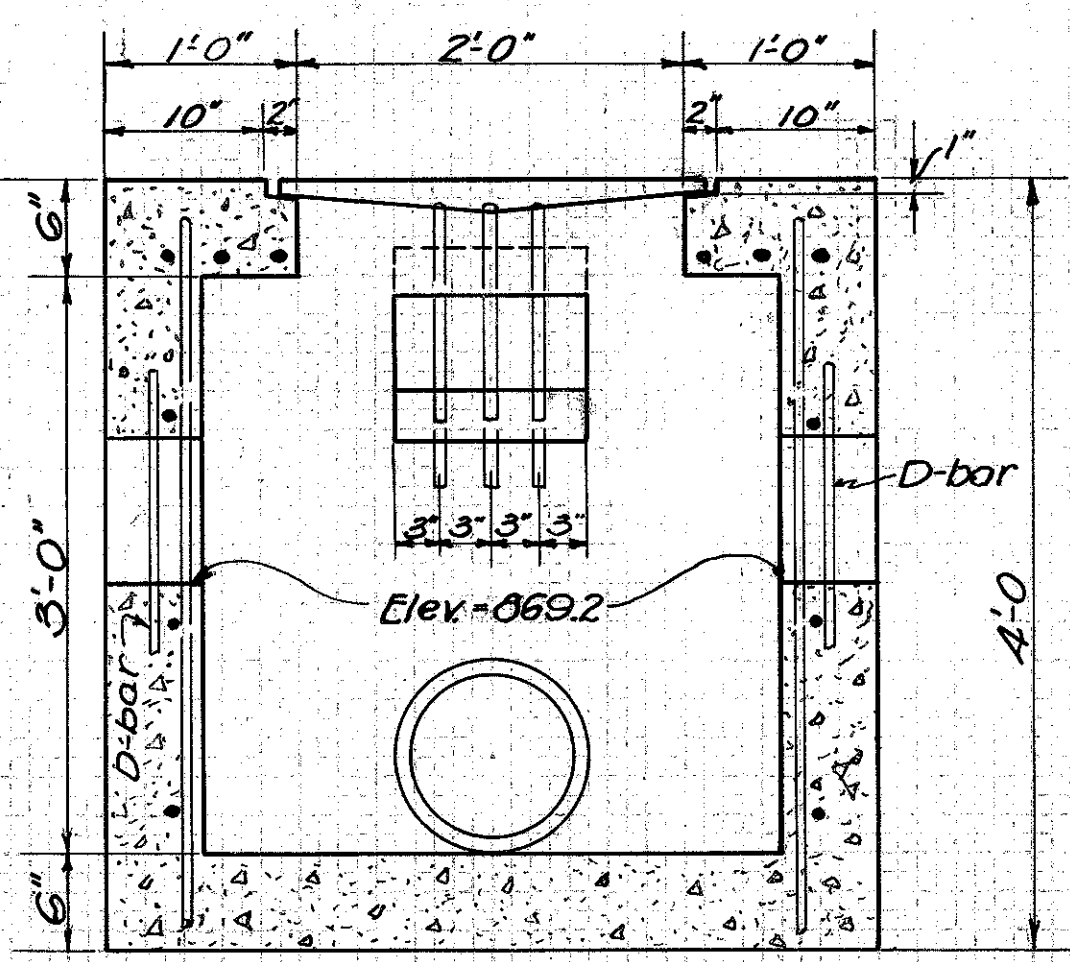
STA. 540+62



PLAN

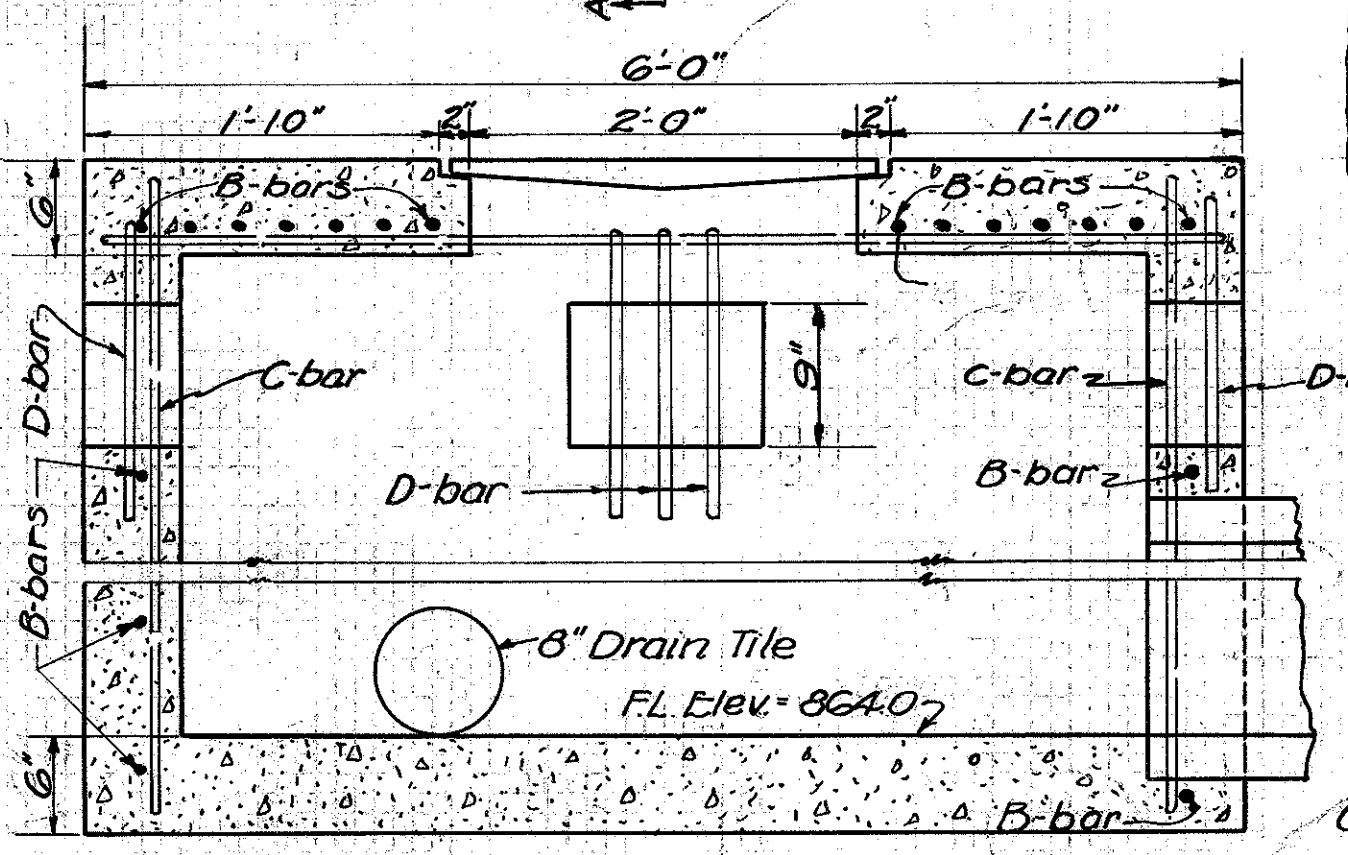
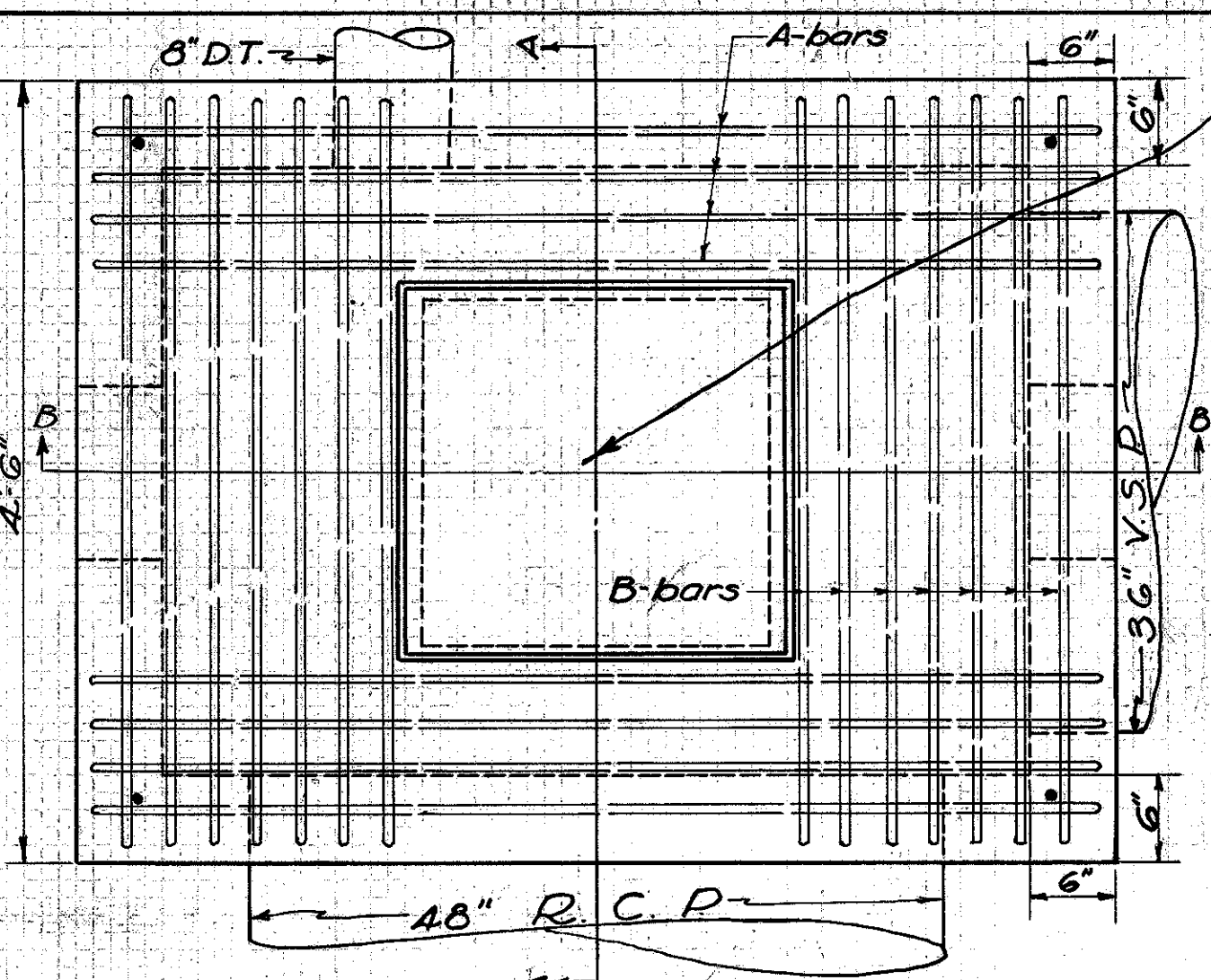


CROSS SECTION

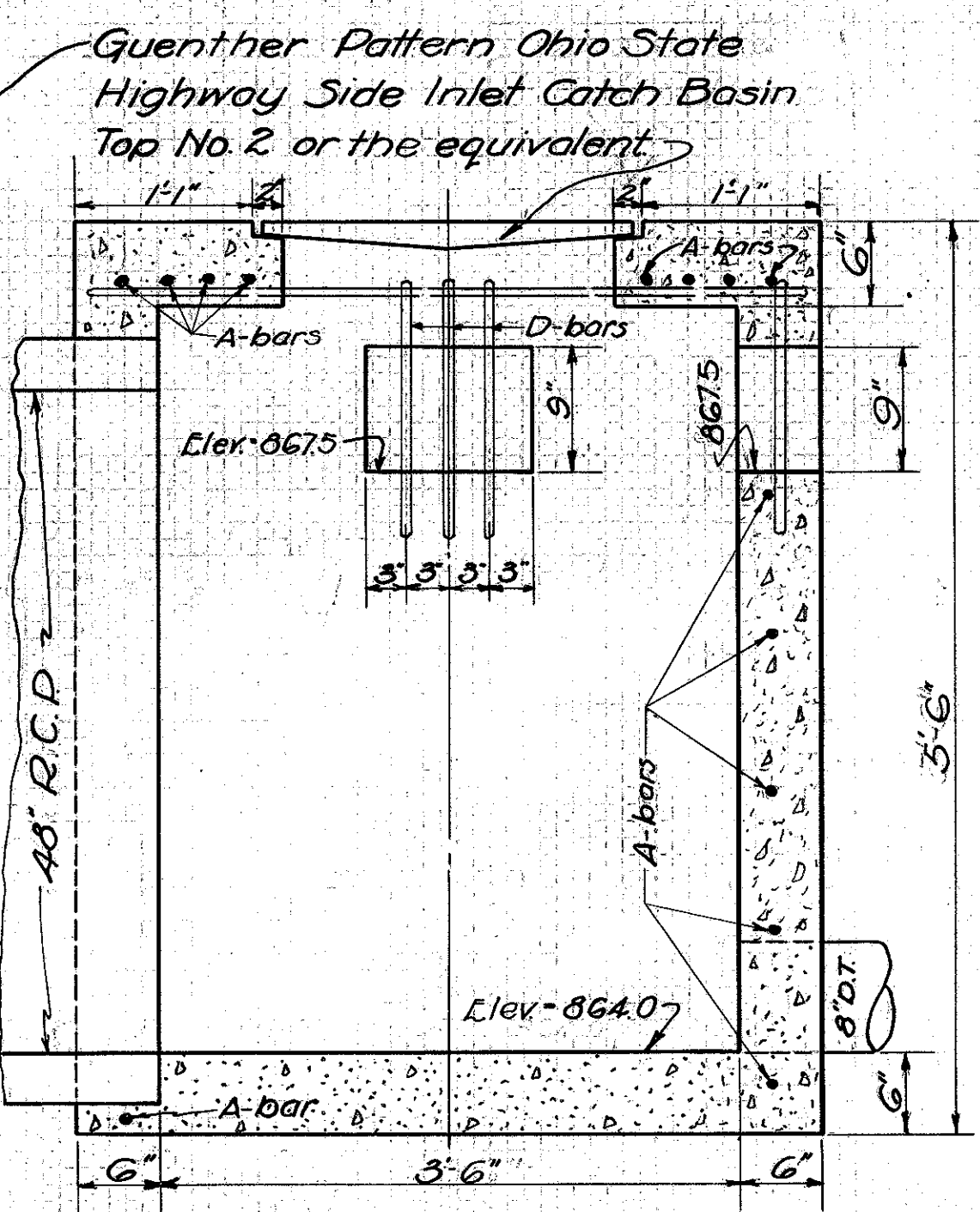


SECT. A-A

SPECIAL NO. 2 INLET STA. 572+00 LEFT



SECT. B-B



SECT. A-A

STEEL LIST

14 A-bars - 5'-9" long
19 B-bars - 4'-5" "
4 C-bars - 5'-3" "
9 D-bars - 1'-6" "

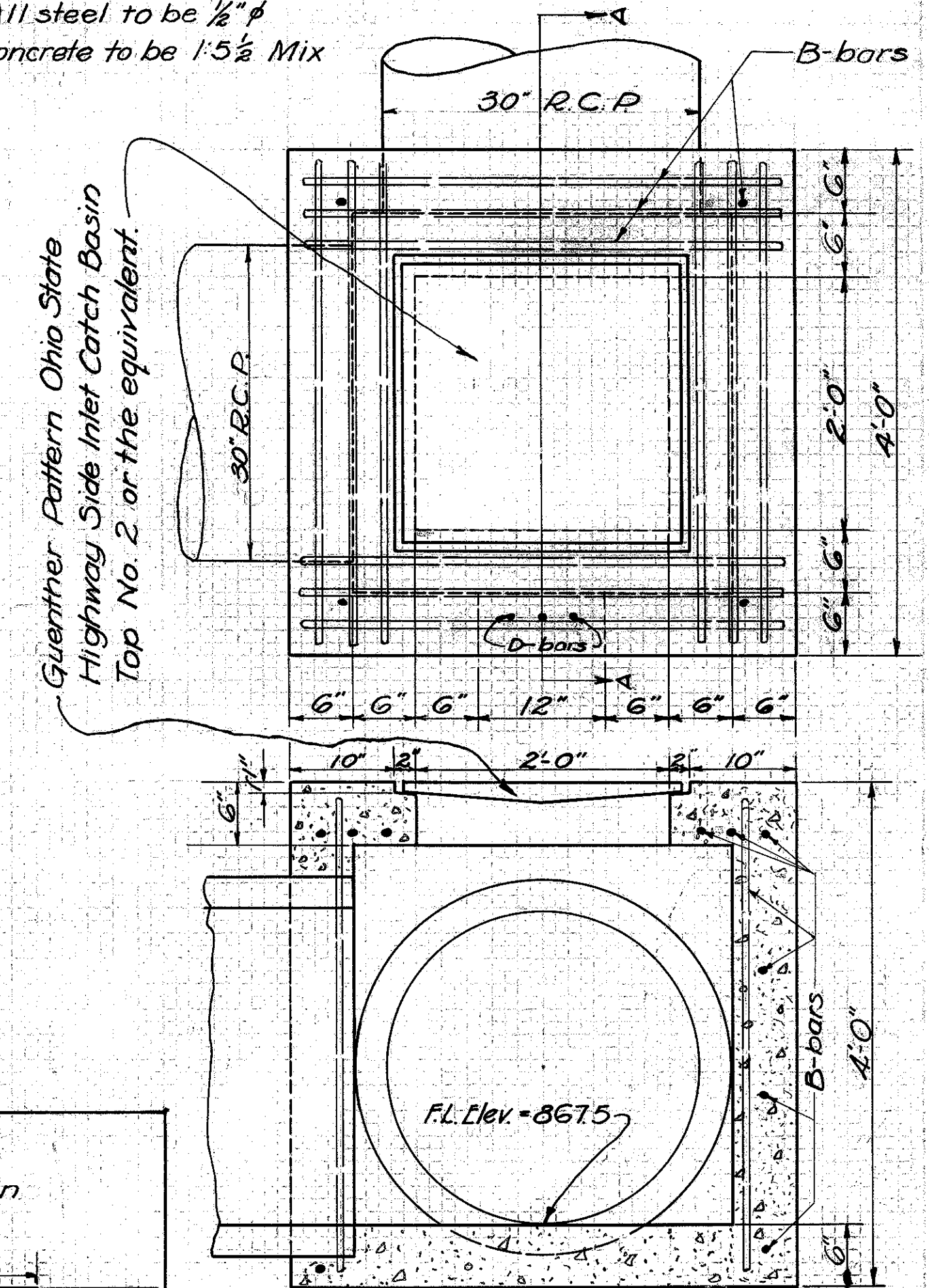
All steel to be 1/2" φ  
Concrete to be 1-5 1/2 Mix

SPECIAL NO. 4 INLET  
STA. 575+75 LT.

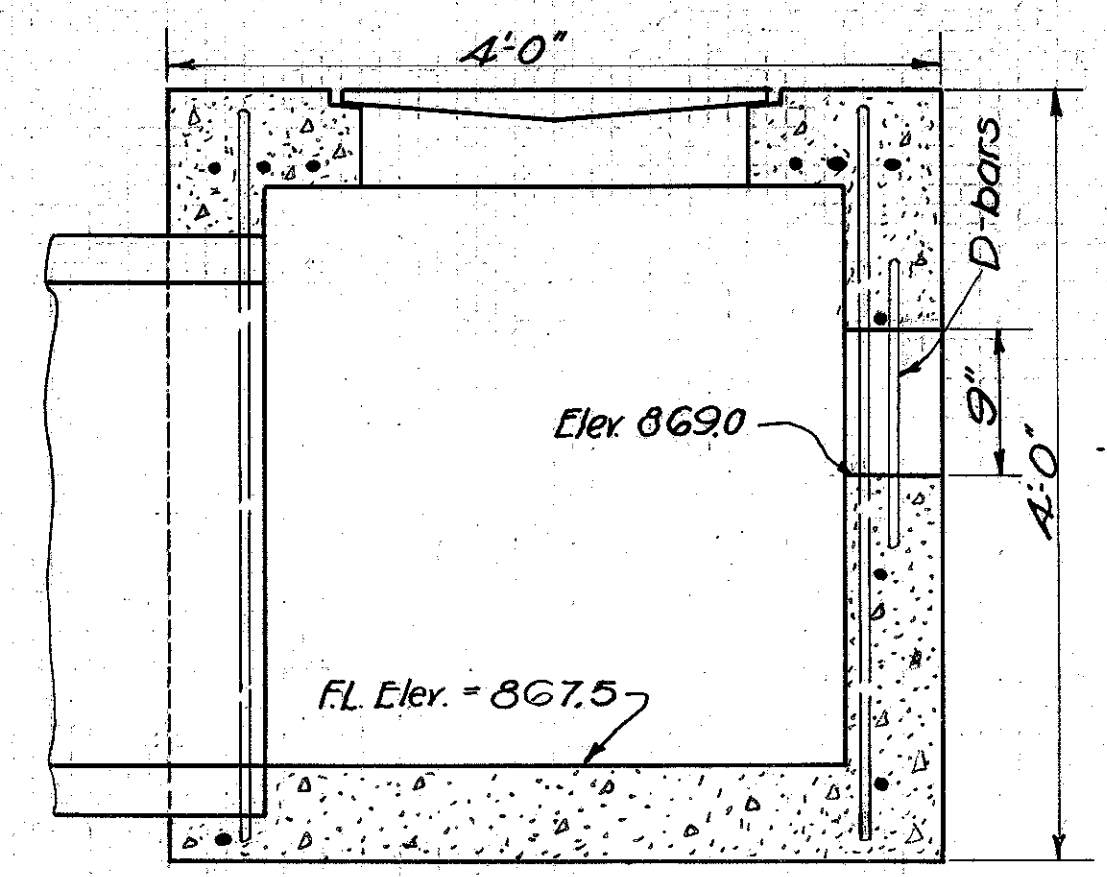
STEEL LIST

24 B-bars - 3'-9" long
3 D-bars - 1'-6" "

All steel to be 1/2" φ  
Concrete to be 1-5 1/2 Mix



CROSS SECTION



SECT. A-A

SPECIAL NO. 3 INLET  
STA. 572+20 RT.

17-5



