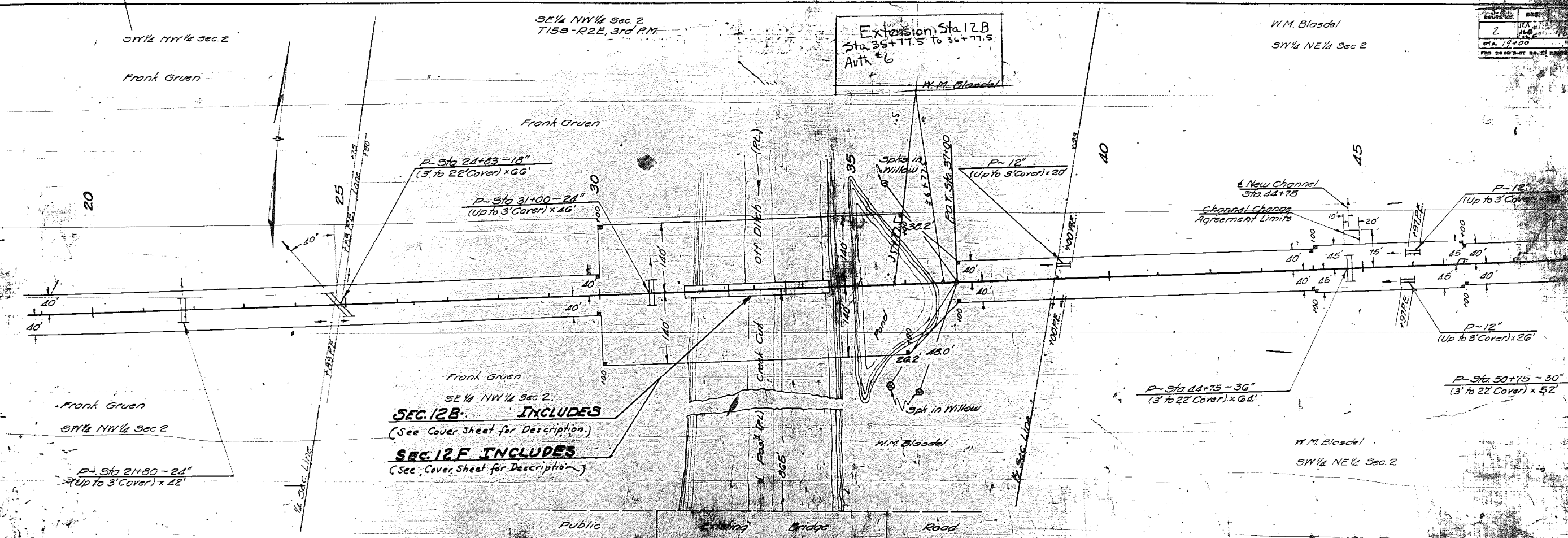


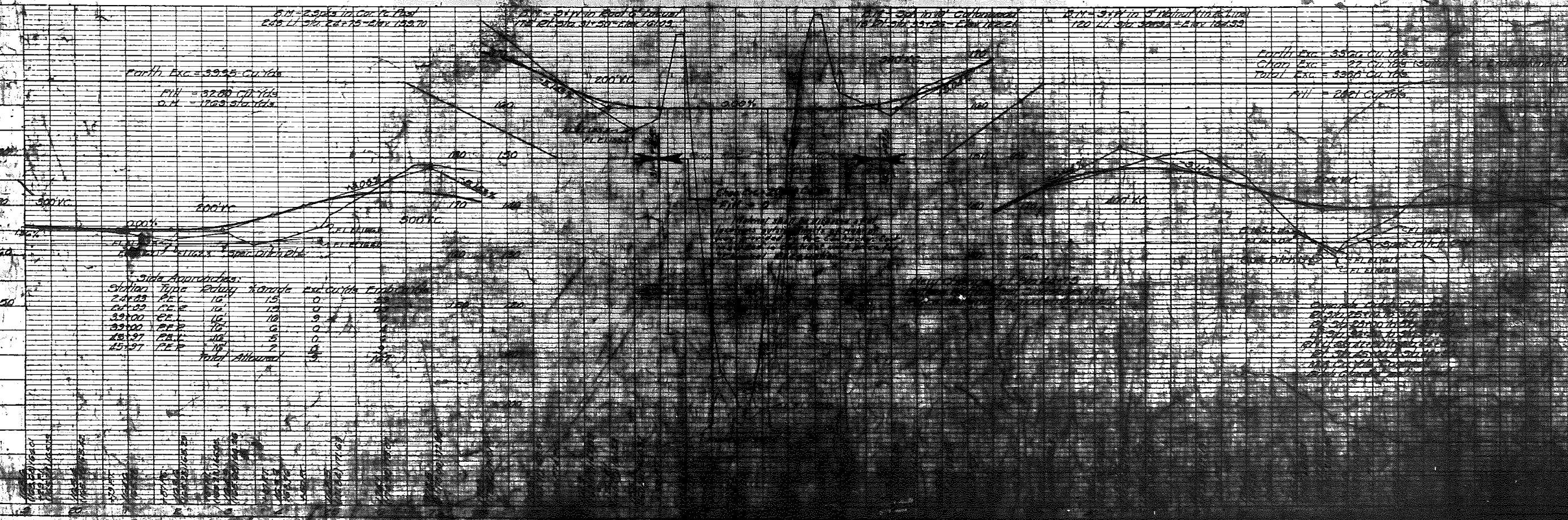
DATE	2/19/00
SCALE	1" = 40'
PROJECT	Frank Gruen
NO.	12B

Extension Sta 12B  
Sta 35+77.5 to 36+77.5  
Auth #6



SE 1/4 NW 1/4 Sec 2  
**SEC. 12B INCLUDES**  
(See Cover Sheet for Description.)  
**SEC. 12F INCLUDES**  
(See Cover Sheet for Description.)

Public Existing Bridge Road



Earth Exc. = 3935 Cu Yds  
Fill = 3260 Cu Yds  
Total Exc. = 7195 Cu Yds

Earth Exc. = 3300 Cu Yds  
Chan. Exc. = 27 Cu Yds  
Total Exc. = 3327 Cu Yds  
Fill = 2861 Cu Yds

Side Approaches:

Station	Type	Width	Depth	Exc. (Cu Yds)	Fill (Cu Yds)
24+53	REV	10'	15'	0	0
24+53	REV	10'	15'	0	0
33+00	REV	10'	10'	9	0
33+00	REV	10'	10'	0	0
45+37	REV	10'	5'	0	0
45+37	REV	10'	5'	0	0
Total Approach				9	0

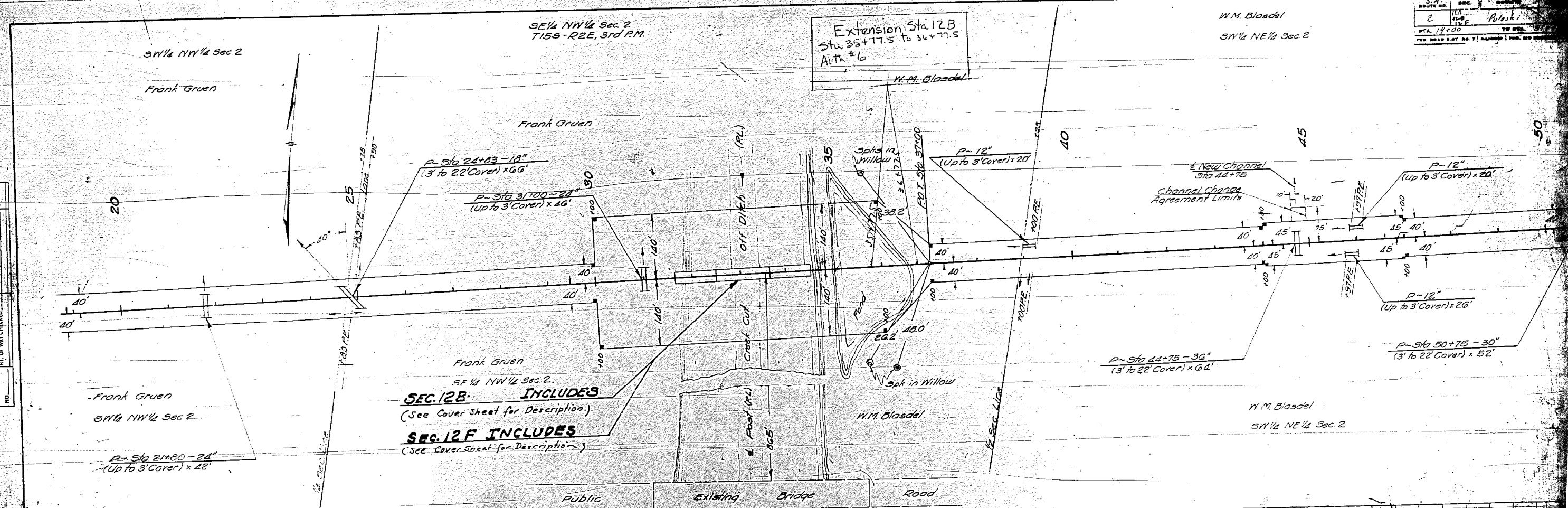
DATE  
SCALE  
PROJECT  
NO.

DATE  
SCALE  
PROJECT  
NO.

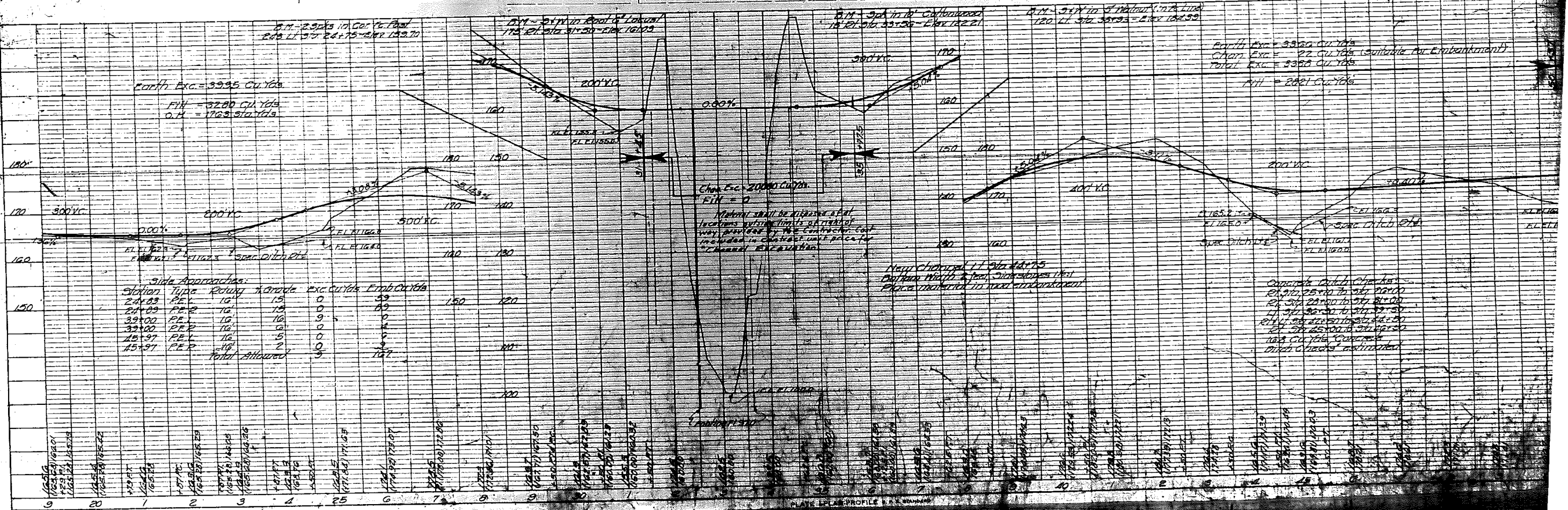


DATE  
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 CHECKED BY  
 NO. OF WA. CHECKED  
 NO. OF WA. CHECKED

DATE  
 PROFILE  
 PLOTTED  
 CHECKED  
 NO. OF WA. CHECKED  
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SE 1/4 NW 1/4 Sec. 2  
**SEC. 12B INCLUDES**  
 (See Cover Sheet for Description)  
**SEC. 12F INCLUDES**  
 (See Cover Sheet for Description)

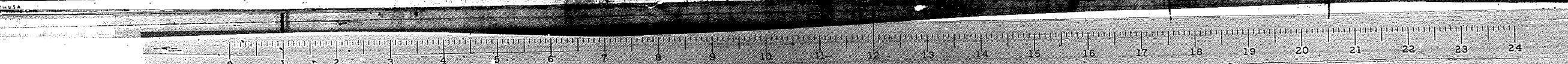


Side Approaches:

Station	Type	Width	Exc. Cu Yds	Emb. Cu Yds
24+03	P.E.P.	15'	0	59
24+09	P.E.P.	15'	0	89
39+00	P.E.P.	16'	9	0
32+00	P.E.P.	16'	0	2
25+97	P.E.P.	16'	5	0
15+97	P.E.P.	16'	2	0
Total		Allowed	3	141

Earth Exc. = 3995 Cu Yds  
 Chan Exc. = 22 Cu Yds (Suitable for Embankment)  
 Total Exc. = 3963 Cu Yds  
 FILL = 2881 Cu Yds

Capacity Ditch Checks  
 Sta. 25+00 to Sta. 26+00  
 Sta. 26+00 to Sta. 27+00  
 Sta. 27+00 to Sta. 28+00  
 Sta. 28+00 to Sta. 29+00  
 Sta. 29+00 to Sta. 30+00  
 Sta. 30+00 to Sta. 31+00  
 Sta. 31+00 to Sta. 32+00  
 Sta. 32+00 to Sta. 33+00  
 Sta. 33+00 to Sta. 34+00  
 Sta. 34+00 to Sta. 35+00  
 Sta. 35+00 to Sta. 36+00  
 Sta. 36+00 to Sta. 37+00  
 Sta. 37+00 to Sta. 38+00  
 Sta. 38+00 to Sta. 39+00  
 Sta. 39+00 to Sta. 40+00  
 Sta. 40+00 to Sta. 41+00  
 Sta. 41+00 to Sta. 42+00  
 Sta. 42+00 to Sta. 43+00  
 Sta. 43+00 to Sta. 44+00  
 Sta. 44+00 to Sta. 45+00  
 Sta. 45+00 to Sta. 46+00  
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 Sta. 47+00 to Sta. 48+00  
 Sta. 48+00 to Sta. 49+00  
 Sta. 49+00 to Sta. 50+00

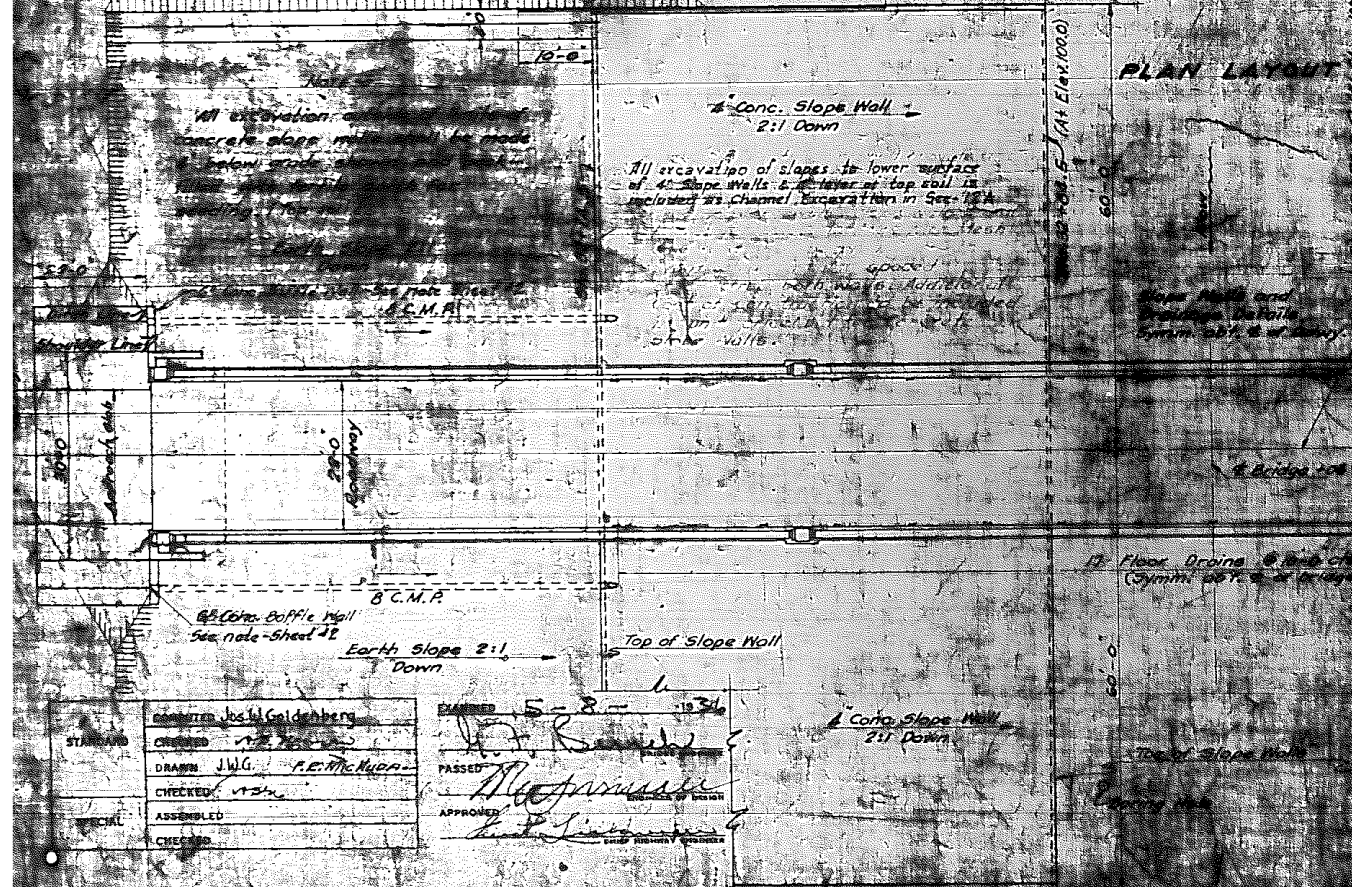
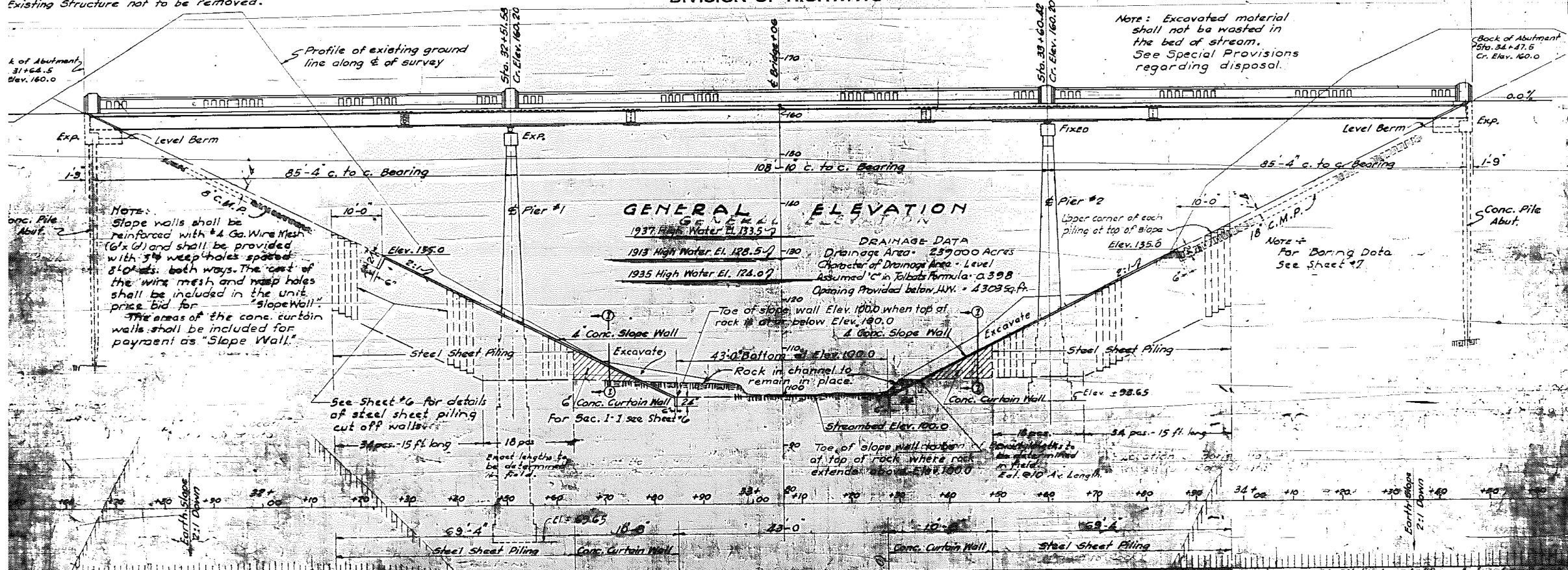




M. S. & W. in Root of 6 Locust 175 Ft. Sta. 31+50 - Elev. 161.03 - El. 365.47 U.S.G.S.  
 3. M. Spike in 10 Cottonwood 15 Ft. Sta. 33+56 - Elev. 122.21 - El. 376.65 U.S.G.S.  
 2. Spike in 5 Walnut on Fence Line 120 Ft. Sta. 38+93 - Elev. 164.39 - El. 388.83 U.S.G.S.  
 Existing Structure not to be removed.

STATE OF ILLINOIS  
 DEPARTMENT OF PUBLIC WORKS & BUILDINGS  
 DIVISION OF HIGHWAYS

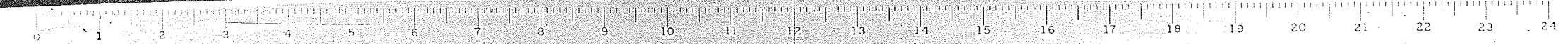
DESIGN NO.	PROJECT	COUNTY	DATE	SHEET NO.
S. A. 128	12F	Pulaski	129	18
SHEET NO. 1 7 SHEETS				



**SUMMARY OF QUANTITIES**

Item	Quantity	Unit	Item	Quantity	Unit
Handrail Concrete	66.3	Cu. Yds.	Structural Steel	24,750	Lbs.
Earth Retention	50,000	Cu. Yds.	Floor Drains Each	24	Each
Slope Wall	2,250	Sq. Yds.	Form Plates	1	Sq. Yds.
Excavation	5,500	Cu. Yds.	#4 Reinforcement	24,000	Lbs.
Steel Sheet Piling	2,500	Lbs.	1/2" Paved Ditch	20	Lbs.
Concrete	2,500	Cu. Yds.	6" Reinforcement	2,000	Lbs.
Reinforcement	2,500	Lbs.	18 C.M.P.		

COMMITTEE: Jack Goldenberg  
 CHECKED: J.W.G. P.E. McNamee  
 DRAWN: J.W.G. P.E. McNamee  
 CHECKED: J.W.G.  
 ASSEMBLED:  
 APPROVED:

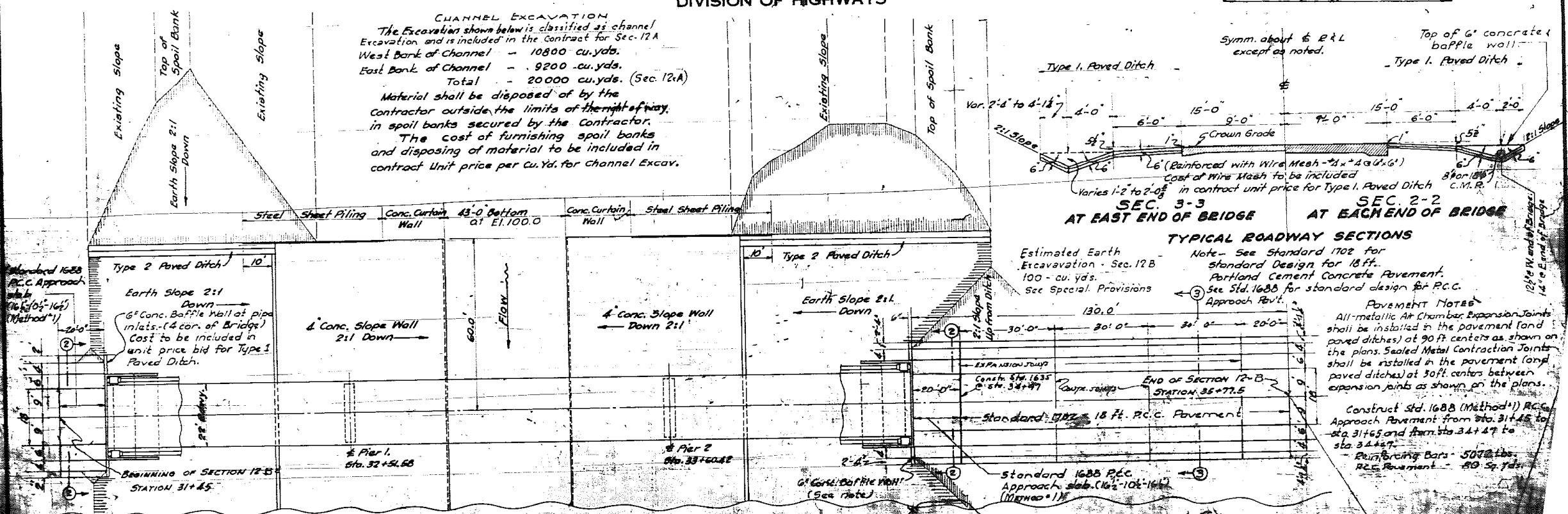




STATE OF ILLINOIS  
DEPARTMENT OF PUBLIC WORKS & BUILDINGS  
DIVISION OF HIGHWAYS

ROAD DISTRICT NO.	SECTION	COUNTY	TOWNSHIP	RANGE	SHEET NO.
2	12B	Polaski	29	19	7 SHEETS

**CHANNEL EXCAVATION**  
The Excavation shown below is classified as channel Excavation and is included in the Contract for Sec. 12A  
West Bank of Channel - 10800 cu.yds.  
East Bank of Channel - 9200 cu.yds.  
Total - 20000 cu.yds. (Sec. 12A)  
Material shall be disposed of by the Contractor outside the limits of the right-of-way, in spoil banks secured by the Contractor. The cost of furnishing spoil banks and disposing of material to be included in contract. Unit price per Cu. Yd. for Channel Excav.



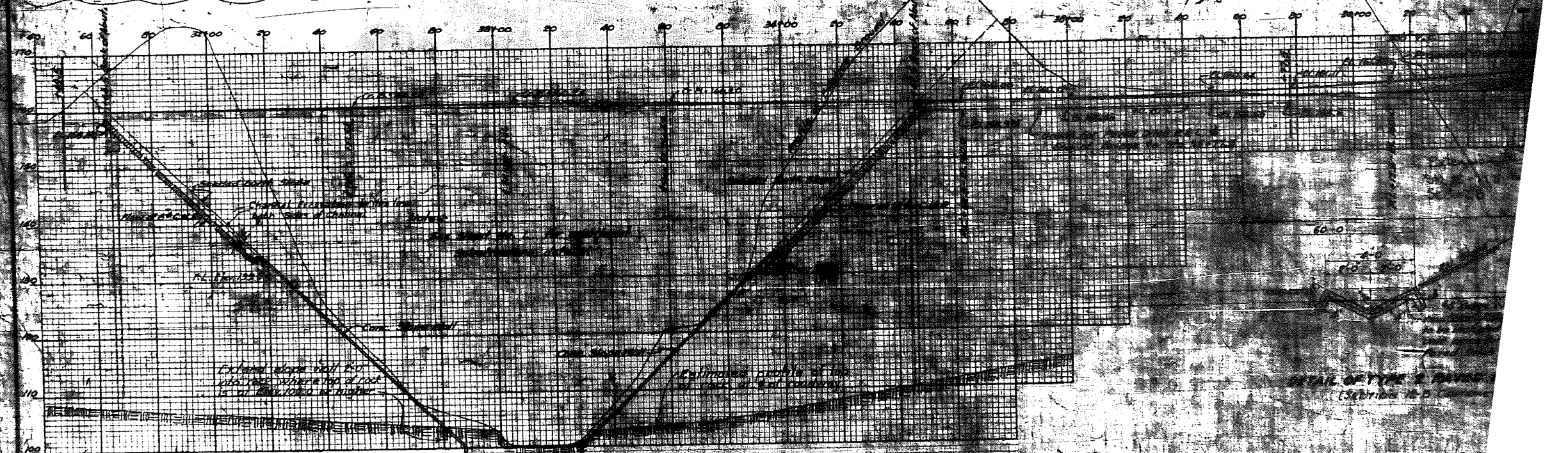
Estimated Earth Excavation - Sec. 12B  
100 - cu. yds.  
See Special Provisions

**TYPICAL ROADWAY SECTIONS**

Note - See Standard 1702 for Standard Design for 18 ft. Portland Cement Concrete Pavement. See Std. 1688 for standard design for P.C.C. Approach Pavt.

**PAVEMENT NOTES**  
All metallic Air Chamber Expansion Joints shall be installed in the pavement (and paved ditches) at 90 ft centers as shown on the plans. Sealed Metal Contraction Joints shall be installed in the pavement (and paved ditches) at 30 ft centers between expansion joints as shown on the plans.

Construct Std. 1688 (Method 1) P.C.C. Approach Pavement from Sta. 31+45 to Sta. 31+65 and from Sta. 34+47 to Sta. 34+67.  
Reinforcing Bars - 50# @ 18\"/>



Extend toe of slope wall to Elev. 98.0 where top of rock is at or below Elev. 100.0

STANDARD	COMPUTED	Joe W. Goldenberg	EXAMINED	5-8-36	
	CHECKED				
SPECIAL	DRAWN	J.W.G. P.E.M.	APPROVED		
	CHECKED				
	ASSEMBLED				

**QUANTITIES FOR DRAINAGE DETAILS**

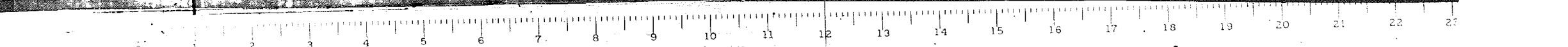
Type 1 Paved Ditch	300	cu. yds.
Type 2 Paved Ditch	300	cu. yds.
6\"/>		
18\"/>		

**PLAN & PROFILE OF DRAINAGE DETAIL**

POST CREEK CUT-OFF  
R.R. PROJECT 504  
16.2 ROUTE 1 SECTION  
PULLMAN COUNTY  
STATION 35+00

Standard 1688 P.C.C. Approach (Method 1)

L.A.W. 1936





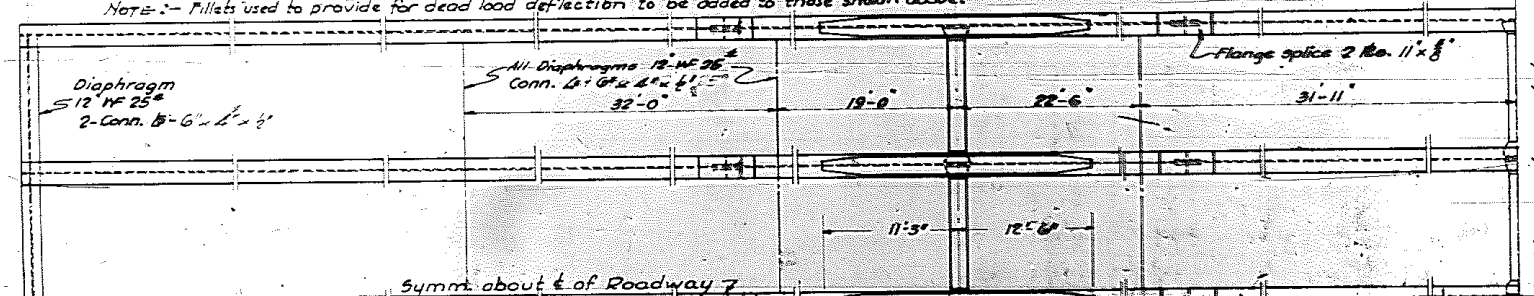
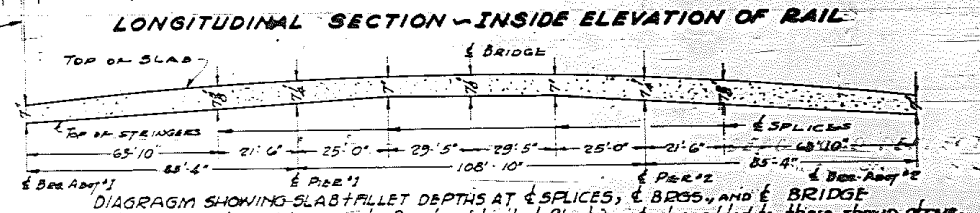
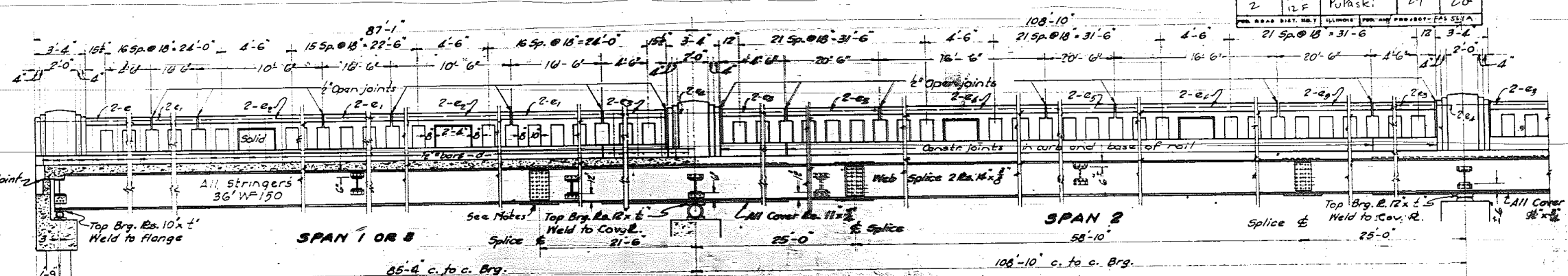




STATE OF ILLINOIS  
DEPARTMENT OF PUBLIC WORKS & BUILDINGS  
DIVISION OF HIGHWAYS

SHEET NO. 3  
7 SHEETS

ROAD DIST. NO.	SECTION	COUNTY	DATE	SCALE
2	12-B	Pulaski	29	20'
21 Sp. @ 18' = 31'-6"				

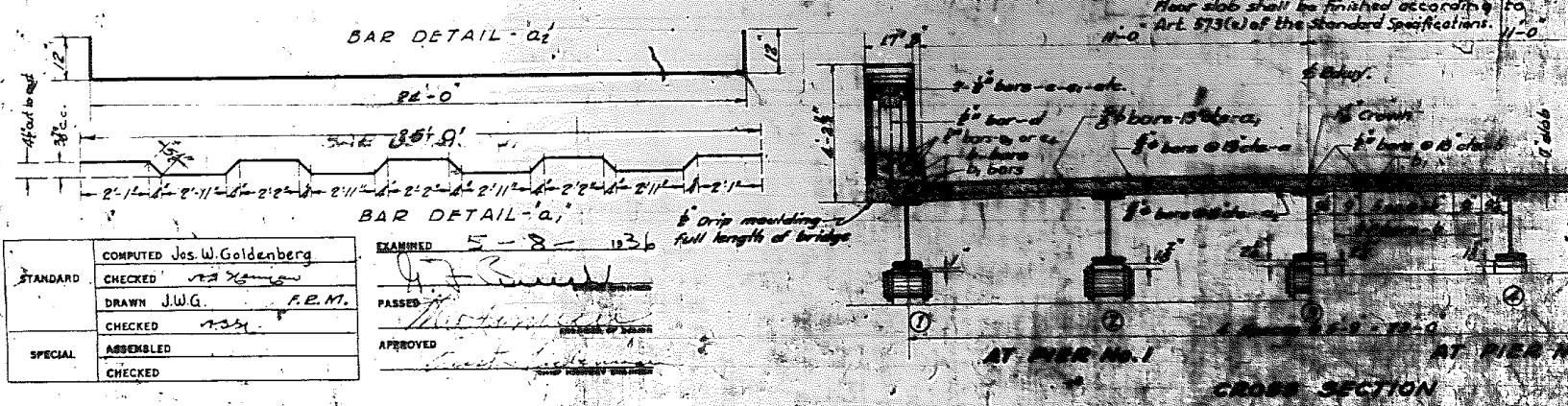


**SUPERSTRUCTURE BILL OF MATERIAL**

BAR	No.	SIZE	LENGTH
a	261	8"φ	25'-0"
a1	261	8"φ	26'-0"
a2	261	8"φ	28'-0"
b	550	1/2"	23'-3"
b1	62	1/2"	24'-0"
d	106	1/2"	3'-0"
e	8	1/2"	8'-0"
e1	32	1/2"	18'-3"
e2	16	1/2"	10'-3"
e3	20	1/2"	9'-3"
e4	20	1/2"	9'-0"
e5	12	1/2"	20'-5"
x	88	1/2"	3'-3"

Handrail Concrete - CUYDs. 26.9  
Class X Concrete - CUYDs. 18.8  
Reinforcing Steel - LBS. 3,700.0  
Structural Steel - LBS. 2,800.0  
C.I. Floor Drains - Each. 14  
Name Plate - Each. 1

**SECTION SHOWING CONCRETE FILLETS.**  
Use to provide for dead load deflection and parabolic camber. See Sheet #2 for camber diagram.



**GENERAL NOTES**

Class X Concrete shall be used throughout the structure and shall be finished according to the specifications for concrete. The concrete shall be finished with a smooth finish. Shop connections shall be made according to the specifications for arc welding metal bridge structures - A. A. C. S. D. The steel shall be finished. Rivet bolts shall be placed before riveting. Rivets shall comply with the specifications for arc welding metal bridge structures - A. A. C. S. D. The steel shall be finished. Rivet bolts shall be placed before riveting. Rivets shall comply with the specifications for arc welding metal bridge structures - A. A. C. S. D. The steel shall be finished. Rivet bolts shall be placed before riveting. Rivets shall comply with the specifications for arc welding metal bridge structures - A. A. C. S. D.

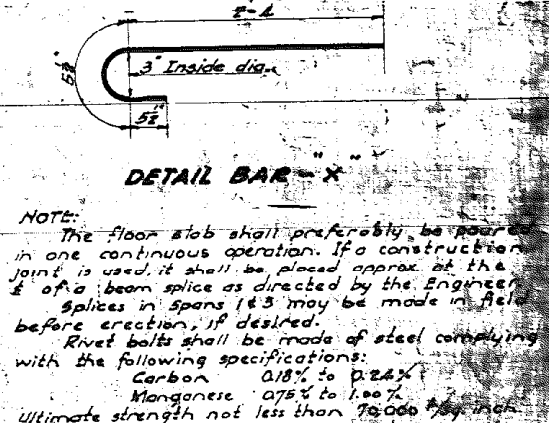
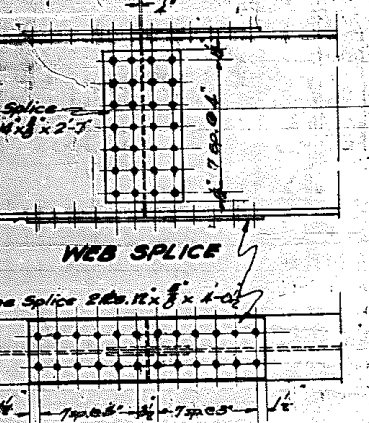
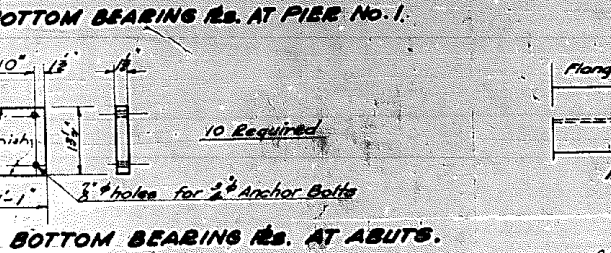
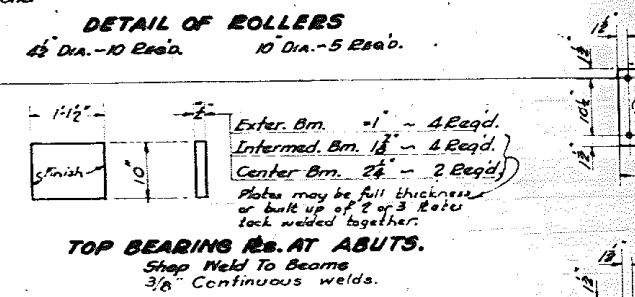
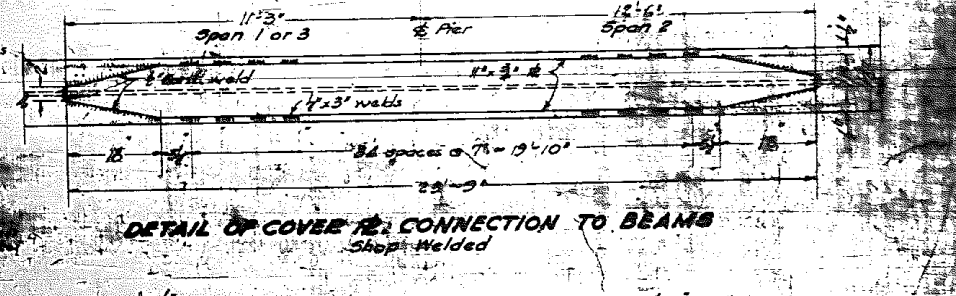
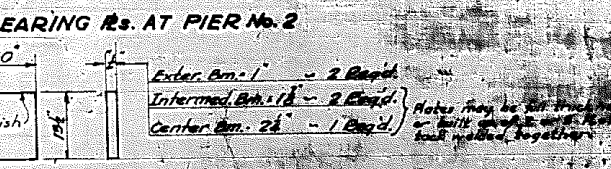
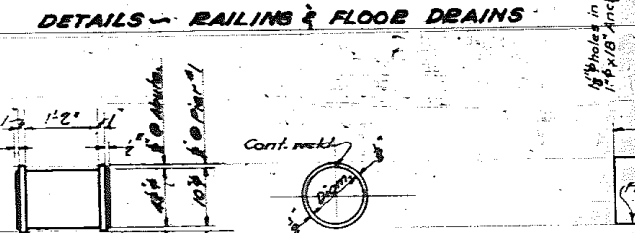
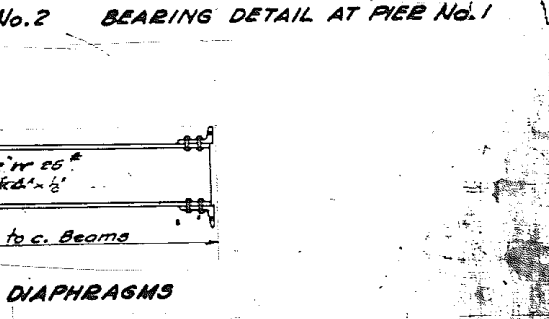
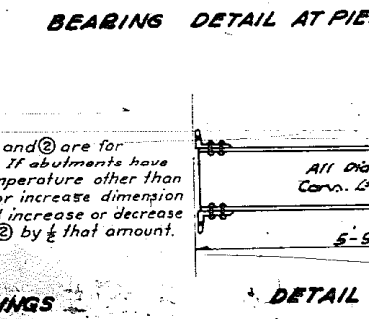
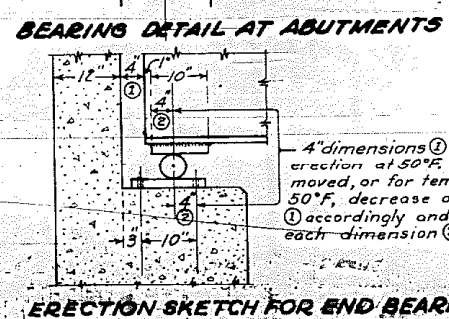
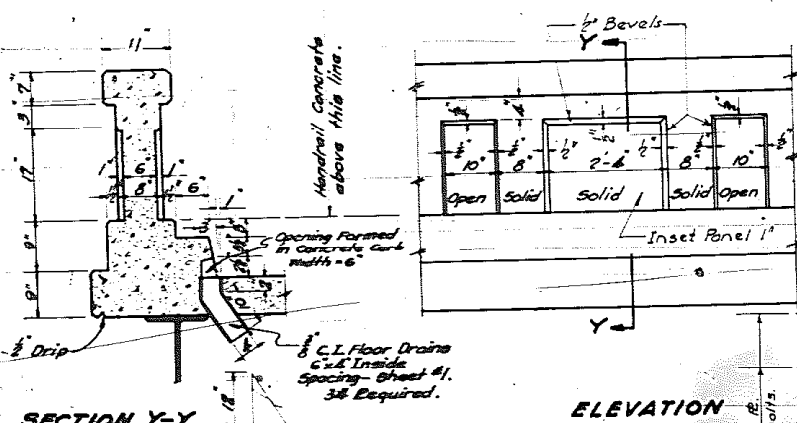
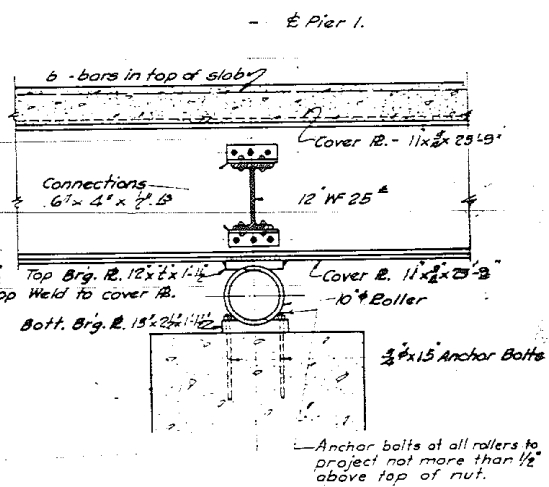
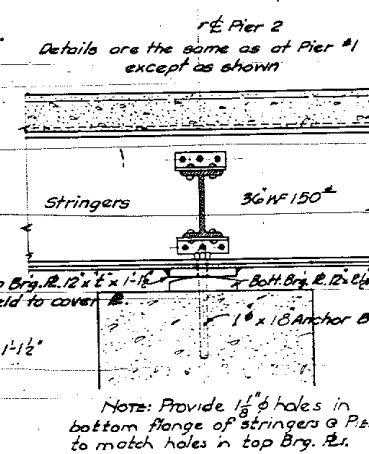
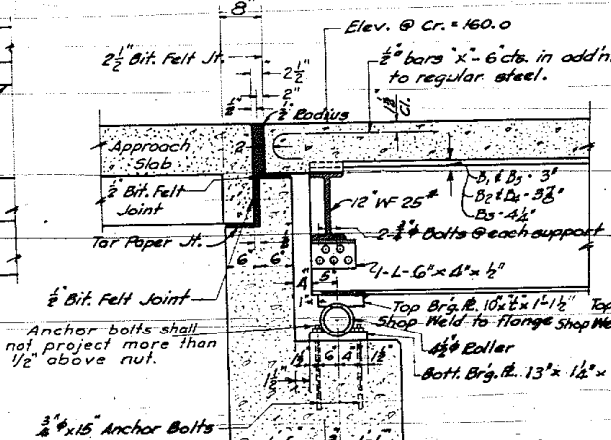
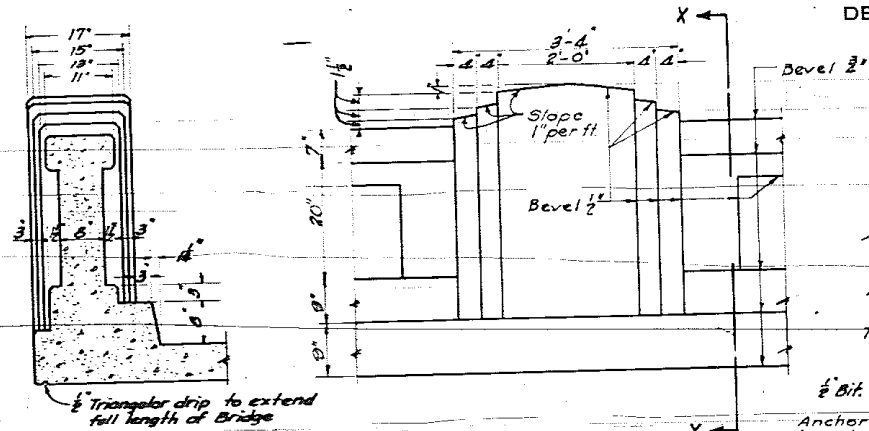
COMPUTED	Jos. W. Goldenberg
CHECKED	J. W. G.
DRAWN	J. W. G.
CHECKED	J. W. G.
ASSEMBLED	
CHECKED	

EXAMINED  
PASSED  
APPROVED



STATE OF ILLINOIS  
DEPARTMENT OF PUBLIC WORKS & BUILDINGS  
DIVISION OF HIGHWAYS

ROAD ISSUE	SECTION	COUNTY	DATE	SHEET
2	12-B	Pulaski	29	21
SHEET NO. 4		7 SHEETS		



NOTE:  
The floor slab shall preferably be poured in one continuous operation. If a construction joint is used, it shall be placed approx. at the 1/2 of a beam splice as directed by the Engineer. Splices in spans 1 & 3 may be made in field before erection, if desired.  
Rivet bolts shall be made of steel complying with the following specifications:  
Carbon 0.18% to 0.24%  
Manganese 0.75% to 1.00%  
Ultimate strength not less than 70,000 lbs. per inch.

COMPUTED	Jos W. Goldenberg	EXAMINED	5-8-1926
CHECKED	J.W.G.	PASSED	J.W.G.
DRAWN	J.W.G. F.E.M.	APPROVED	J.W.G.
CHECKED	J.W.G.	CHIEF HIGHWAY ENGINEER	
SPECIAL	ASSEMBLED		
	CHECKED		

Revised: March 29 - 1937 - J.W.G. L.A.W. 9-9-37.

POST CREEK CUT-OFF BRIDGE  
FAS. PROJECT 561A  
S.A. ROUTE 2 SECTION 12-B & C  
PULASKI COUNTY  
STATION 38+06

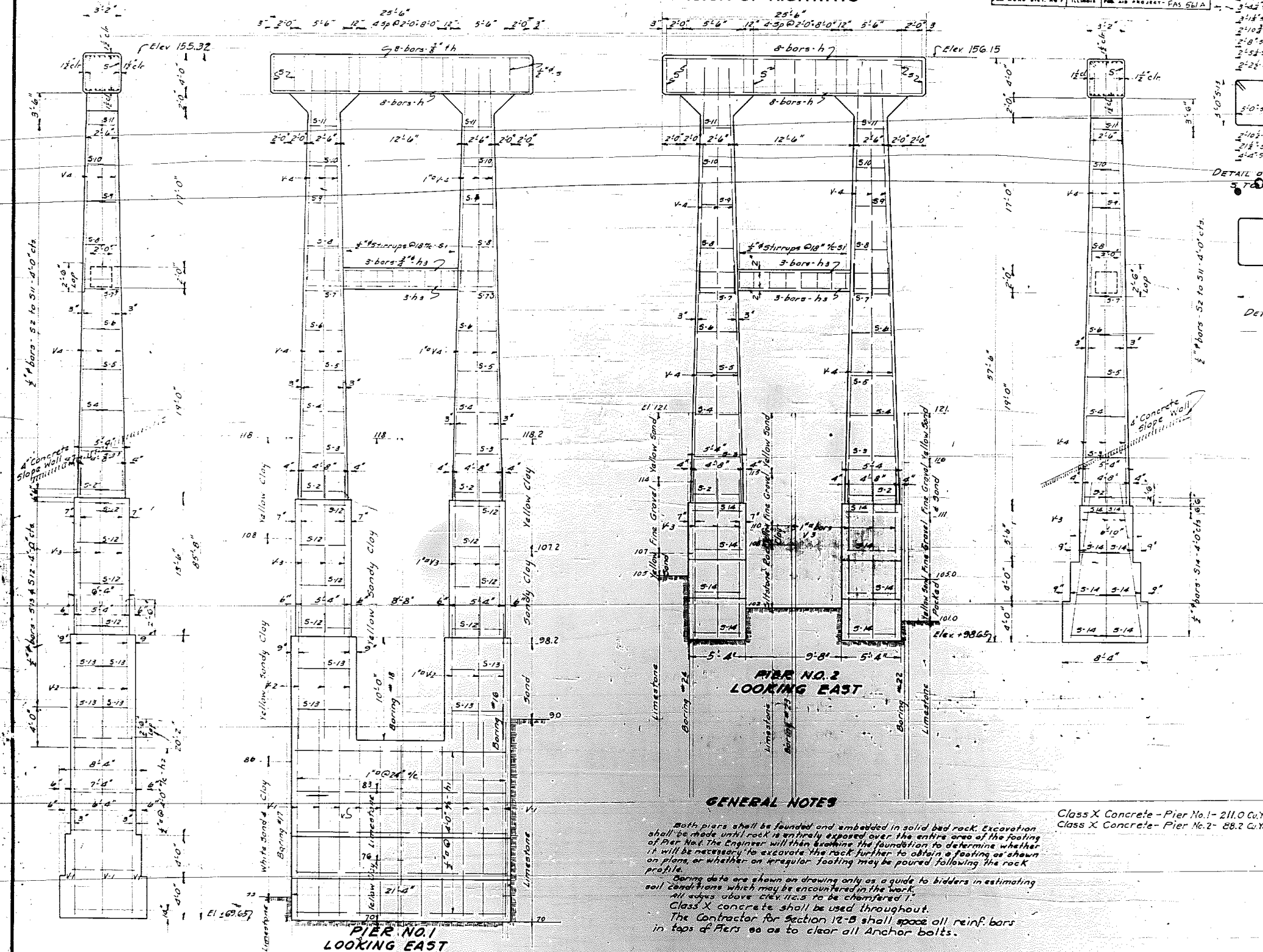


STATE OF ILLINOIS  
DEPARTMENT OF PUBLIC WORKS & BUILDINGS  
DIVISION OF HIGHWAYS

ROUTE NO.	SECTION	COUNTY	PIERS	SHEETS
5 A.	12 B	Pulaski	29	22
R.T. 2	12 F	ILLINOIS	FOR AID PROJECT - FAS 561A	

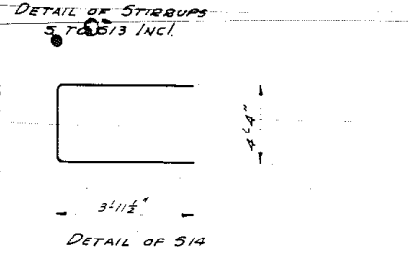
SHEET NO. 5  
7 SHEETS

B.M. 54 W in Root of a Lucas-  
115' E of Sta 31+50 Elev 161.03  
T.B.M. Spike in 10' Cottonwood 15'  
Elev Sta 33+50 E112221



DETAIL OF STIRRUPS  
5 TO 513 INCL.

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2 PIERS  
TOTAL BILL OF MATERIAL

NO.	QTY	SIZE	LENGTH
h	32	3/8"	25'-0"
h1	10	3/8"	20'-9"
h2	10	3/8"	6'-0"
h3	12	3/8"	16'-4"
v	10	1/2"	17'-9"
v1	14	1/2"	20'-4"
v2	16	1/2"	12'-4"
v3	32	1/2"	16'-0"
v4	64	1/2"	22'-6"
s	22	3/8"	16'-0"
s1	16	3/8"	8'-0"
s2	4	3/8"	17'-9"
s3	4	3/8"	17'-0"
s4	4	3/8"	16'-0"
s5	4	3/8"	15'-0"
s6	4	3/8"	14'-3"
s7	4	3/8"	13'-3"
s8	4	3/8"	12'-5"
s9	4	3/8"	11'-6"
s10	4	3/8"	10'-6"
s11	4	3/8"	9'-6"
s12	8	3/8"	18'-0"
s13	4	3/8"	20'-9"
s14	16	3/8"	12'-3"

Class X Concrete - Pier No. 1 - 211.0 Cu Yds  
Class X Concrete - Pier No. 2 - 88.2 Cu Yds  
Class X Concrete Cu Yds 299.2  
Reinforcing Steel Lbs 12000

GENERAL NOTES

Both piers shall be founded and embedded in solid bed rock. Excavation shall be made until rock is entirely exposed over the entire area of the footing of Pier No. 1. The Engineer will then examine the foundation to determine whether it will be necessary to excavate the rock further to obtain a footing as shown on plans, or whether an irregular footing may be poured following the rock profile.  
Boring data are shown on drawing only as a guide to bidders in estimating soil conditions which may be encountered in the work.  
All edges above elev 112.5 to be chamfered 1".  
Class X concrete shall be used throughout.  
The Contractor for Section 12-B shall space all reinf. bars in tops of Piers so as to clear all Anchor bolts.

STANDARD	COMPUTED	BY	J. J. HANCOCK
	CHECKED	BY	M. P. SUPREK
	DRAWN	BY	A. J. M. HINGLUM
	CHECKED	BY	M. P. S.
SPECIAL	ASSEMBLED	BY	
	CHECKED	BY	

EXAMINED	BY	J. J. HANCOCK	19 21
PASSED	BY		
APPROVED	BY		

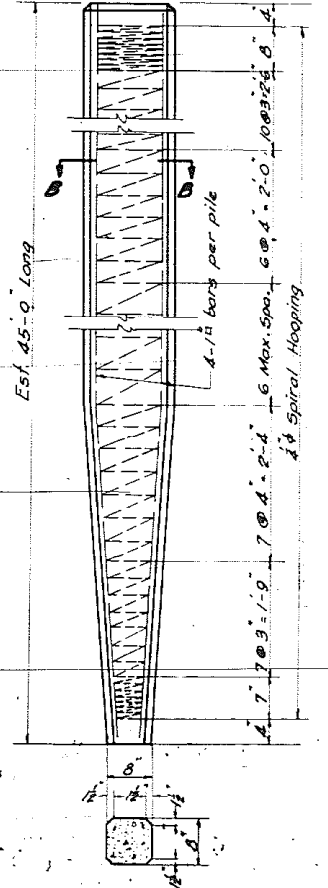
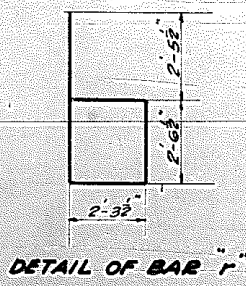
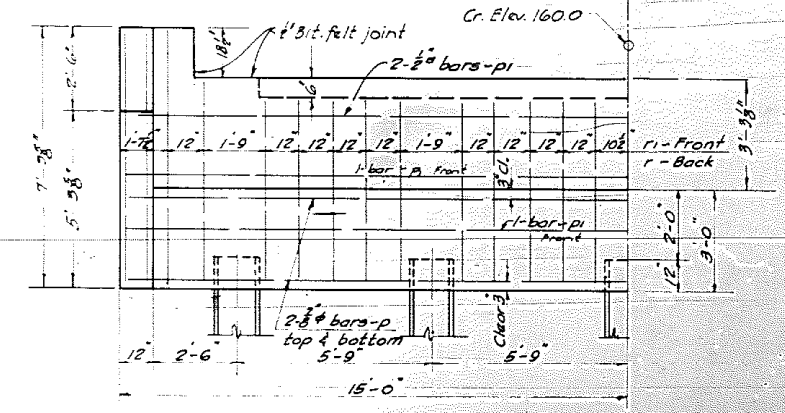
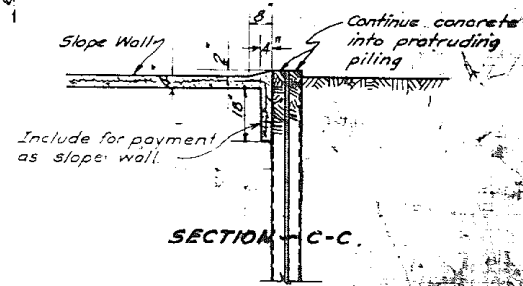
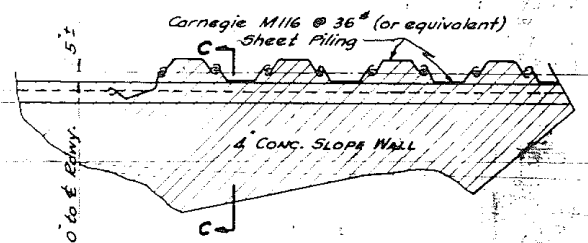
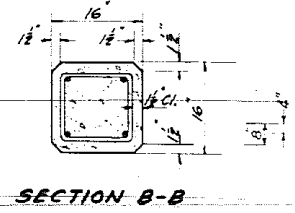
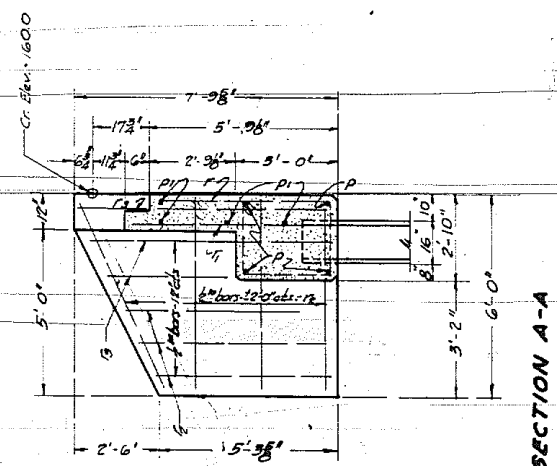
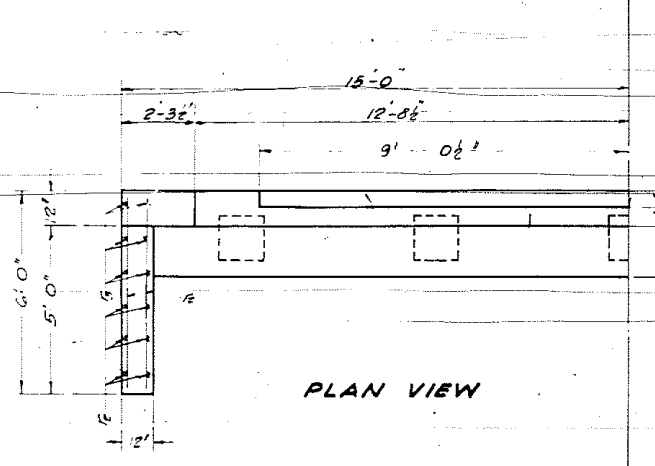
POST CREEK CUT-OFF BRIDGE  
F.A.S. PROJECT 561A  
S.A. RTE 2 SECTION 12-B  
PULASKI COUNTY  
STATION 33+06



STATE OF ILLINOIS  
DEPARTMENT OF PUBLIC WORKS & BUILDINGS  
DIVISION OF HIGHWAYS

SECTION	CONTRACT	DATE	NO.
12-B	Polaski	29	23

SHEET NO. 6  
7 SHEETS



**NOTES**  
Steel sheet piling shall be driven to depths determined by the Engineer.  
Carnegie M16 @ 36" or equivalent steel sheet piling shall be used.  
Tops of the sheet piling shall be set to slope of the slope wall at the surface of the concrete.  
The steel sheet piling shall be driven with joints interlocking and alternate webs in and out.

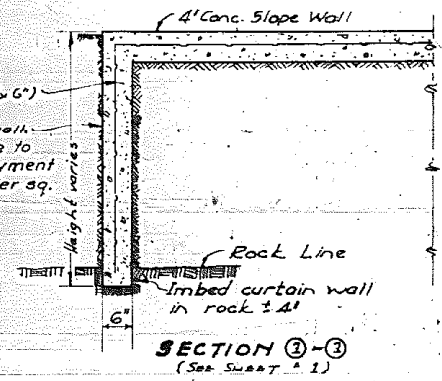
**BILL OF MATERIALS**

NO.	DESCRIPTION	QUANTITY	UNIT
1	Concrete		
2	Reinforcement		
3	Sheet Piling		
4	Concrete Pile		
5	Steel Sheet Piling		
6	Rock		

**Note:**  
The Section 12-B contractor shall drive two R.C. test piles as directed by the Engineer before casting the remainder of the Piling.

**Note:** The contractor for Section 12-B shall space all reinf. bars in Abut. tops so as to clear all Anchor bolts.

\* 4 Ga. Wire mesh (6" x 6")  
C concrete curtain wall.  
Area of vertical face to be included for payment at the unit price per sq. yd. for slope wall.



COMPUTED	A.S. Hansen	EXAMINED	J.W.G. Ash
CHECKED	Jos W. Goldenberg	PASSED	J.W.G. Ash
DRAWN	A.S. Hansen	APPROVED	J.W.G. Ash
CHECKED	J.W.G. Ash		
ASSEMBLED			
CHECKED			

Revised 4-5-37 L.A.W. 9-9-37

POST CREEK DIVERSION PROJECT  
S.A. ROUTE 7  
STATION

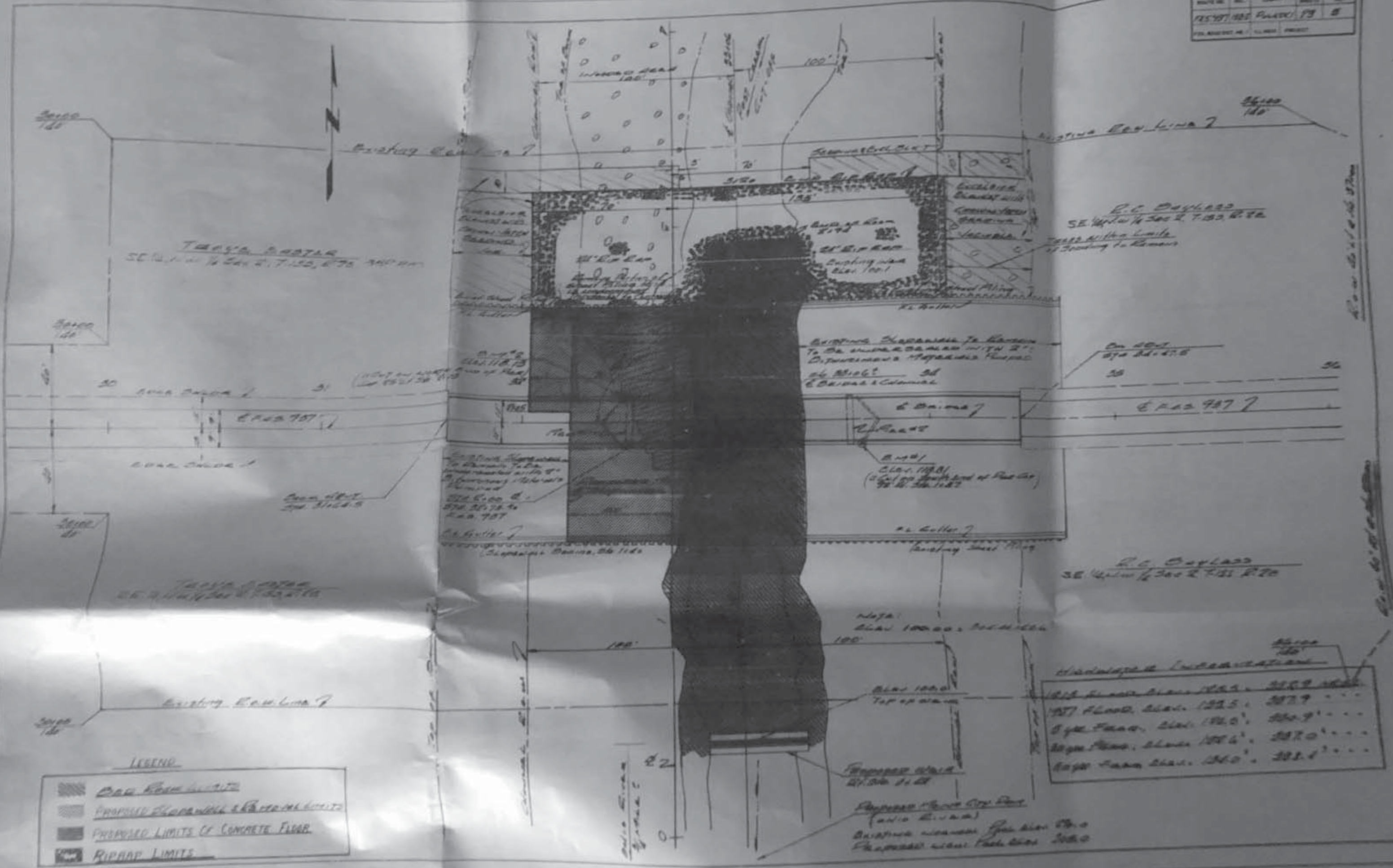
ORIGINAL TRAC SENT BACK CO. Supt. H.V. HE DID NOT SHEET 7 OF 1-18

SHEET 7 (BORING IS MISSING) SEE P.P.P. 1-11-6





DATE	NO.	DATE	NO.
12/27/88	105	1/19/89	113
PROJECT		PROJECT	



TRAVIS BOSTER  
SE 1/4 Sec 2, T.155, R.2E

R.C. DAYLASS  
SE 1/4 Sec 2, T.155, R.2E

On 20/1  
874 24.47.5

R.C. DAYLASS  
SE 1/4 Sec 2, T.155, R.2E

Hatched Incarceration

157 Flood Elev. 192.5	287.9
157 Flood Elev. 192.0	287.9
157 Flood Elev. 191.6	287.0
157 Flood Elev. 191.0	281.1

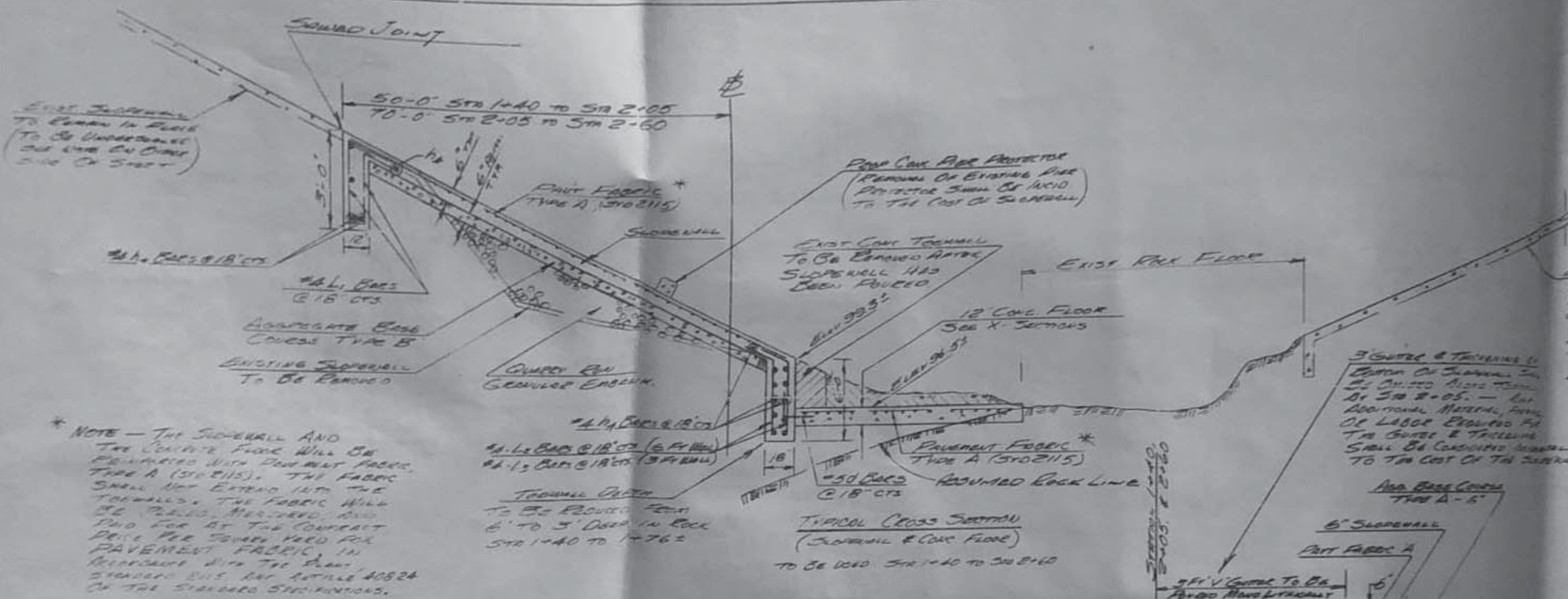
LEGEND

	Proposed Road Limits
	Proposed Sidewalk & Pavement Limits
	Proposed Limits of Concrete Floor
	Riprap Limits

Riprap 20' x 20' x 18" Stone

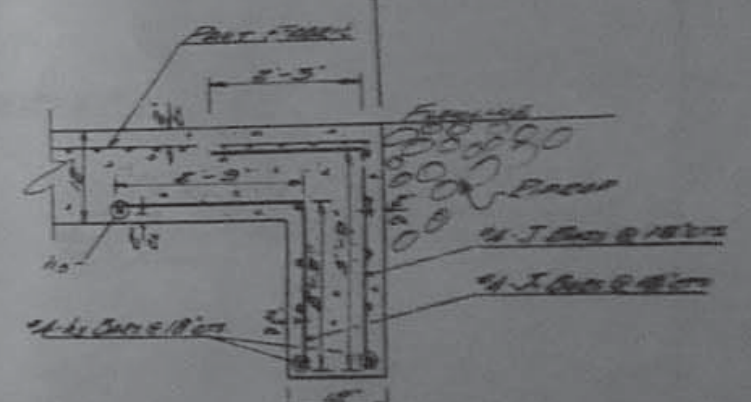
Riprap 20' x 20' x 18" Stone





EXIST. JOINT TO BE REMOVED - Concrete Underneath Will Be Provided Under The CONC. FLOOR ON EXISTING JOINTS TO BE REMOVED. Notes Below Will Be Spaced On 10' Center Of As Directed By The Engineer. Underpinning Shall Begin At The Lower Extremity And Proceed Up The Side.

\* NOTE - The SLOPEWALL AND THE CONC. CURB WILL BE REINFORCED WITH PAVEMENT FABRIC TYPE A (5102115). THE FABRIC SHALL NOT EXTEND INTO THE TOWNSHIP. THE FABRIC WILL BE PAID, MEASURED, AND PAID FOR BY THE CONTRACTOR PER SQUARE YARD FOR PAVEMENT FABRIC, IN ACCORDANCE WITH THE STANDARD SPEC. FOR ROADWAY CONSTRUCTION, BUT NOT LESS THAN 40824 OF THE STANDARD SPECIFICATIONS.



DETAIL OF CONC. FLOOR CORNER (To Be Used At Corner End Of Road Cut)

Bill Of Materials (12" Concrete Floor)

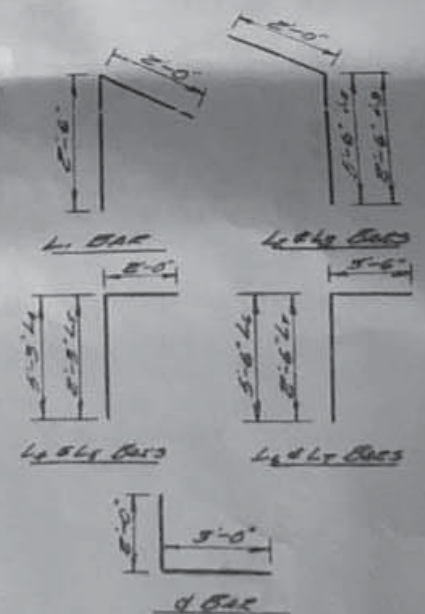
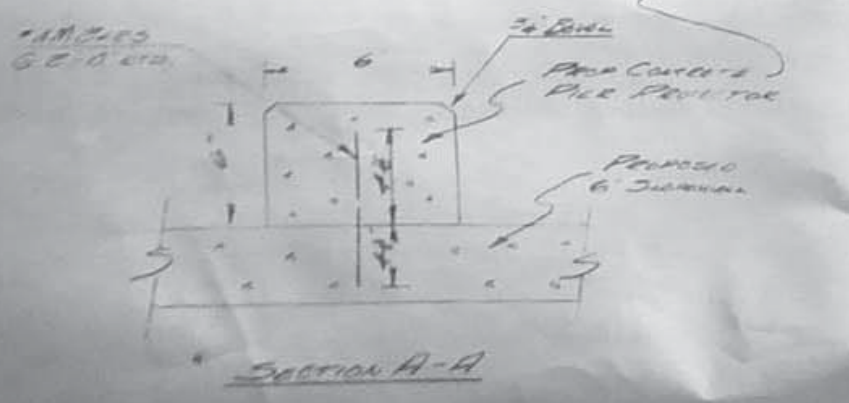
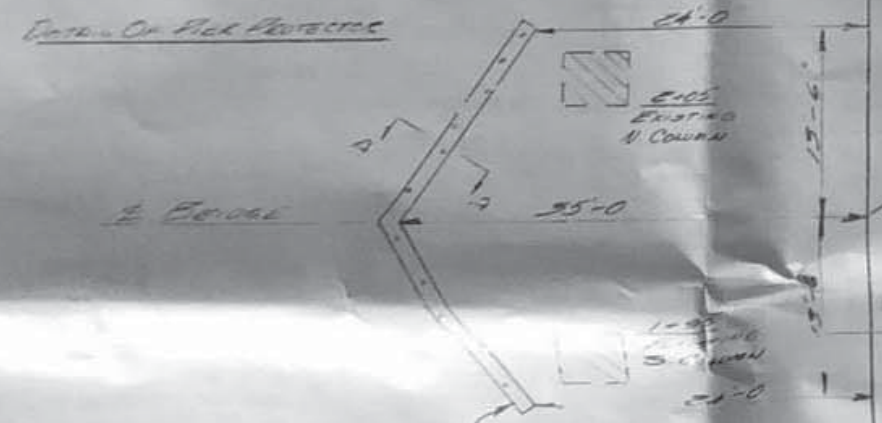
BAR	SIZE	NO.	LENGTH
4	#4	10	8'-0"
J	#4	13	8'-0"
J	#4	13	8'-0"
CLASS X CONC. 1470 55.7			
PAVEMENT FABRIC 50 SQ 280			
ROCK EX. FOR SLOPEWALL 3.0 (EST)			

Bill Of Materials (SLOPEWALL)

BAR	SIZE	NO.	LENGTH
1	#5	57	8'-0"
1a	#4	118	33'-0"
L1	#4	162	4'-6"
L2	#4	114	7'-6"
L3	#4	50	4'-6"
L4	#4	57	7'-3"
L5	#4	56	4'-3"
L6	#4	57	9'-0"
L7	#4	56	6'-0"
M	#4	18	0'-9"
SLOPEWALL 6" 50% 1195			
PAVEMENT FABRIC 50 SQ 1004			
CLASS X CONC. 1470 63			
ROCK EX. FOR SLOPEWALL 5120			
ROCK EX. FOR SLOPEWALL 6.0 (EST)			

\* PAVEMENT FABRIC

Notes: Class X Concrete Shall Be Used Throughout. All Bars Shall Be Lap Spliced At Minimum 30 Dia Bars.





FOUNDATION BORINGS

Project: 861-A  
 Route: 3 Sheets  
 Section:  
 County: Pinalaki  
 Bridge: Post-Creek Out-Off  
 Borings Made By: C. A. Peterson

Station	From Elev.	To Elev.	Material Encountered	
			Line "A"	
31/48	127.9	147.9	Yellow Clay - Hard	
on B	147.9	134.9	Sandy yellow clay - firm	
	134.9	187.9	Packed yellow clay - hard <i>Plotted</i>	
#2	127.2	122.9	Sandy Gray clay - hard	
	122.9	115.9	Packed yellow sand	
	115.9	109.2	Packed fine gravel	
	109.2	105.9	Rock	
			Piling O.K. for conc. piling.	
35/80	103.4	83.5	Rock <i>Plotted</i>	
#5	10' rt.			
cen. line				
33/91	102.9	98.9	Rock <i>Plotted</i>	
#4	44' rt.			
cen. line	88.9	84.9	Sandy gray clay - firm	
#8	36/88	164.8	151.8	Yellow Clay hard <i>Not Plotted</i>
125.5 ft.				
cen. line	151.8	139.8	Packed red sand	
	139.8	124.8	Packed yellow sand	
#1	31/45	166.1	151.1	Yellow clay - hard <i>Not Plotted</i>
325' rt.				
cen. line	151.1	131.1	Packed yellow sand	
	131.1	121.1	Packed gray sand	

REMARKS:  
 Will Piling be required.

FOUNDATION BORINGS

Project:  
 Route:  
 Section:  
 County:  
 Bridge:  
 Borings Made By:

Station	From Elev.	To Elev.	Material Encountered	
	108.8	104.8	Fine gravel	
	104.8	95.8	Packed yellow sand	
	95.8	80.8	Gray clay - firm	
#11			Line "A"	
36/74	155.2	143.2	Yellow Clay - hard	
on cen.	143.2	133.2	Sandy gray clay	
line	133.2	115.2	Yellow sand <i>Not Plotted</i>	
	115.2	97.2	Gray clay - firm	
	97.2	93.2	Rock	
	93.2	85.2	Gray clay	
			O.K. for piling on this hole	
#9	30/00	161.9	145.9	Yellow clay <i>Not Plotted</i>
on cen.	145.9	98.9	Yellow sand	
line	98.9	95.9	Gray clay	
	95.9	81.9	Yellow sand	
			O.K. for piling	
#10	33/78	128.0	110.0	Yellow Clay <i>Plotted</i>
16' rt.	110.0	104.3	Stony clay	
cen. line	104.3	92.0	Rock	
			No Piling	
#7	35/00	185.0	157.0	Yellow Clay - hard
300' rt.	157.0	140.0	Packed red sand <i>Not Plotted</i>	
cen. line	140.0	120.0	Packed yellow sand	
	120.0	107.0	Fine gray sand	
	107.0	95.0	Gray clay - soft	

REMARKS:  
 Will Piling be required.

FOUNDATION BORINGS

Project:  
 Route: 3 Sheets  
 Section:  
 County:  
 Bridge:  
 Borings Made By:

Station	From Elev.	To Elev.	Material Encountered	
	121.1	107.1	Packed yellow sand	
	107.1	104.1	Rock	
	104.1	88.1	Fine yellow sand	
<del>52/12</del>	<del>141.0</del>	<del>131.0</del>	<del>Yellow Clay - firm</del>	
<del>on cen.</del>	<del>131.0</del>	<del>125.0</del>	<del>Gray clay - firm</del>	
<del>line</del>	<del>125.0</del>	<del>111.0</del>	<del>Yellow clay - soft</del>	
<del></del>	<del></del>	<del></del>	<del>Piling O.K.</del>	
<del>57/34</del>	<del>142.2</del>	<del>133.3</del>	<del>Yellow Clay - hard</del>	
<del>20' ft.</del>	<del>133.3</del>	<del>126.3</del>	<del>Gray Clay - firm</del>	
<del>cen. line</del>	<del>126.3</del>	<del>93.3</del>	<del>Yellow Clay - firm</del>	
<del></del>	<del>93.3</del>	<del>82.3</del>	<del>Blue Gravel</del>	
<del></del>	<del></del>	<del></del>	<del>Piling O.K.</del>	
<del>59/72</del>	<del>140.8</del>	<del>131.5</del>	<del>Yellow Clay - hard</del>	
<del></del>	<del>131.5</del>	<del>126.5</del>	<del>Gray Clay - hard</del>	
<del></del>	<del>126.5</del>	<del>120.5</del>	<del>Sandy yellow clay - hard</del>	
<del></del>	<del>120.5</del>	<del>107.5</del>	<del>Packed yellow sand</del>	
<del></del>	<del>107.5</del>	<del>70.5</del>	<del>Packed red sand</del>	
<del></del>	<del>70.5</del>	<del>55.5</del>	<del>Packed yellow sand</del>	
<del></del>	<del></del>	<del></del>	<del>Piling O.K.</del>	
<del></del>	<del></del>	<del></del>	<del>Next abutment line "A"</del>	
#3	31/77	155.8	149.8	Yellow Clay firm <i>Not Plotted</i>
245.5 ft.	149.8	138.8	Gray clay - hard	
cen. line	138.8	124.8	Yellow clay - firm	
	124.8	108.8	Red sandy clay - hard	

REMARKS:  
 Will Piling be required.

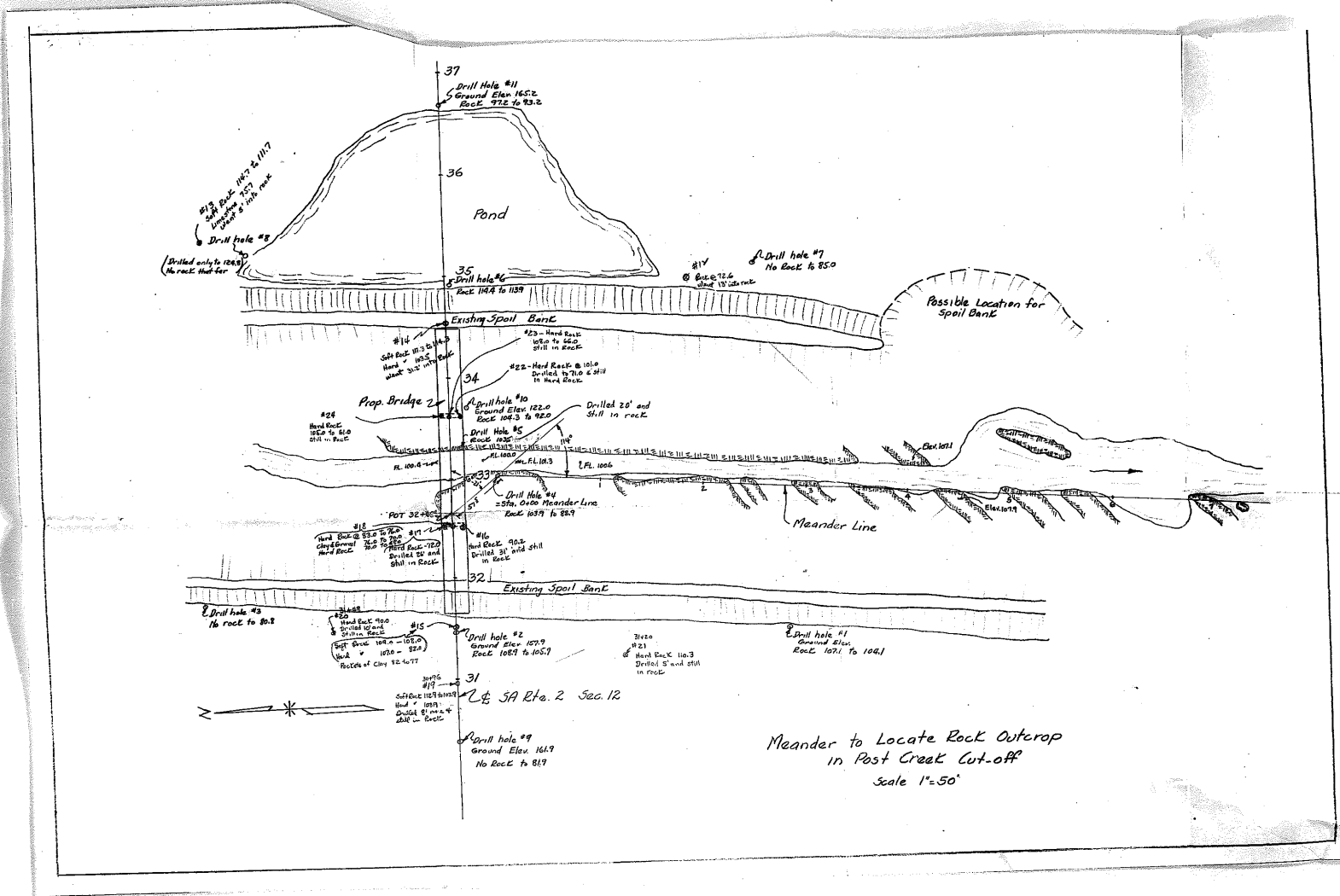
FOUNDATION BORINGS

Project:  
 Route: 3 Sheets  
 Section:  
 County:  
 Bridge:  
 Borings Made By:

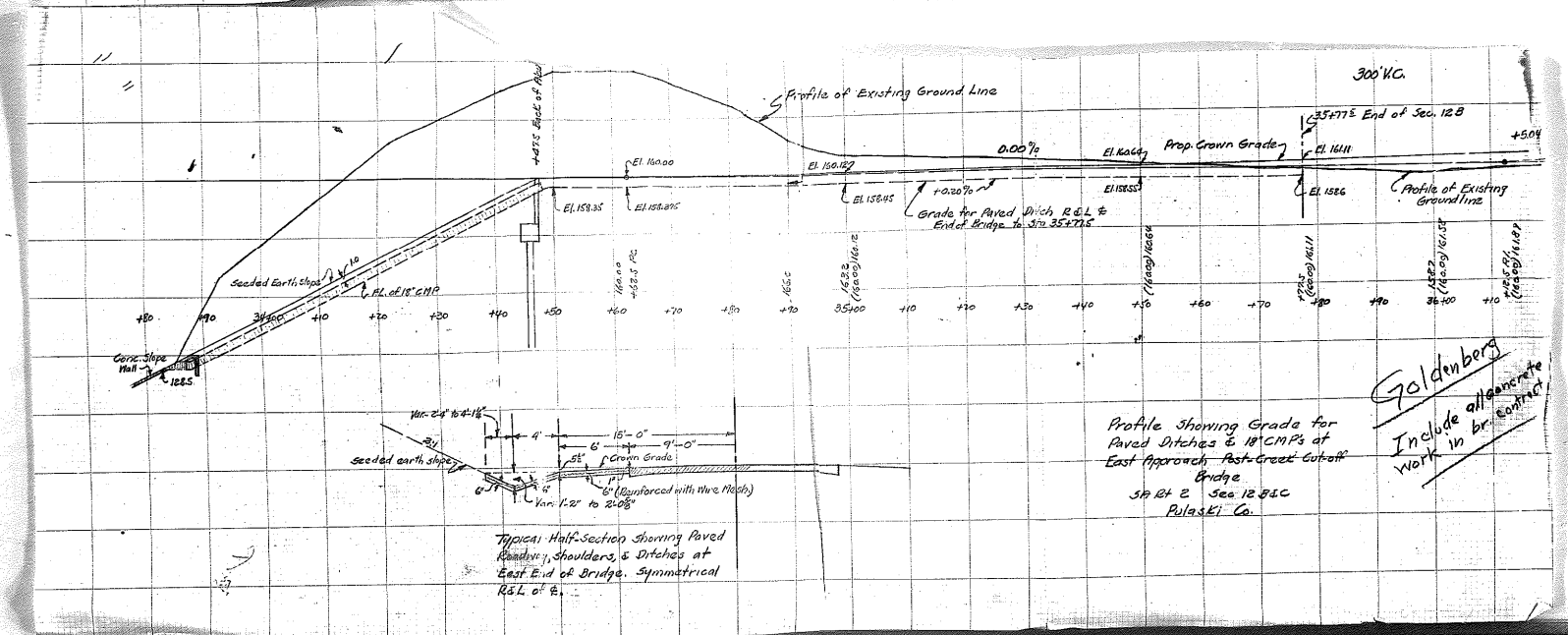
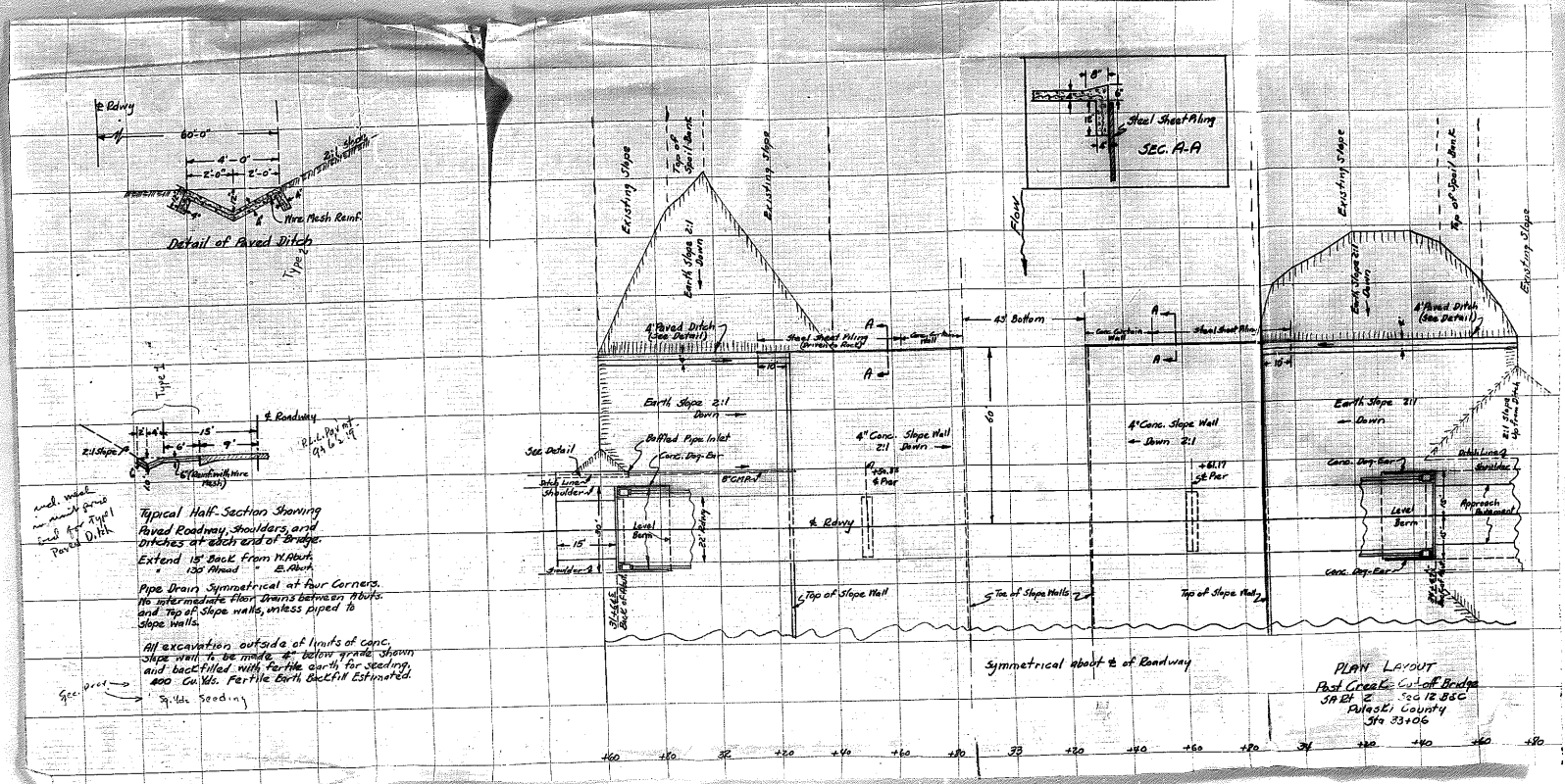
Station	From Elev.	To Elev.	Material Encountered
	95.0	85.0	Fine yellow sand
34/92	185.4	140.4	Yellow clay - firm <i>plotted</i>
on cen.	140.4	130.4	Packed red sand
line	130.4	114.4	Yellow sand
	114.4	113.9	Rock

REMARKS:  
 Will Piling be required.

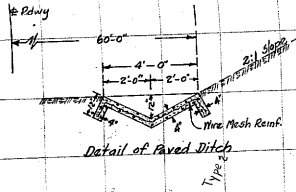




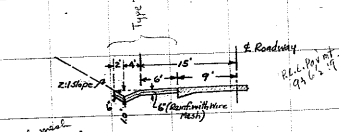








Detail of Paved Ditch



Typical Half-Section Showing Paved Roadway, Shoulders, and Ditches at each end of Bridge.

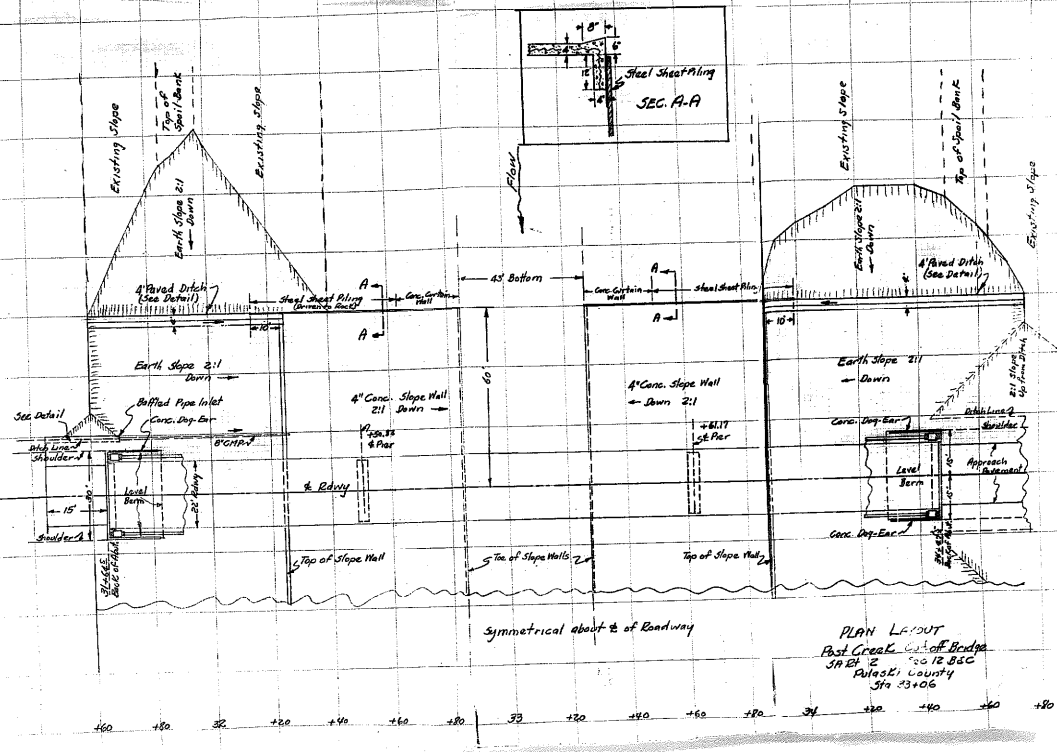
Extend 15' Back from N. Abut. = 130' Ahead = S. Abut.

Pipe Drains Symmetrical at Four Corners. No Intermediate Floor Drains between Abut. and Top of Slope Walls, unless piped to slope walls.

All excavation outside of limits of conc. slope walls to be made 2' below grade, shown and back-filled with fertile earth for seeding, 400 Cu. Yds. Fertile Earth Backfill Estimated.

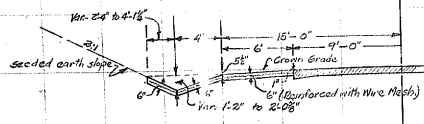
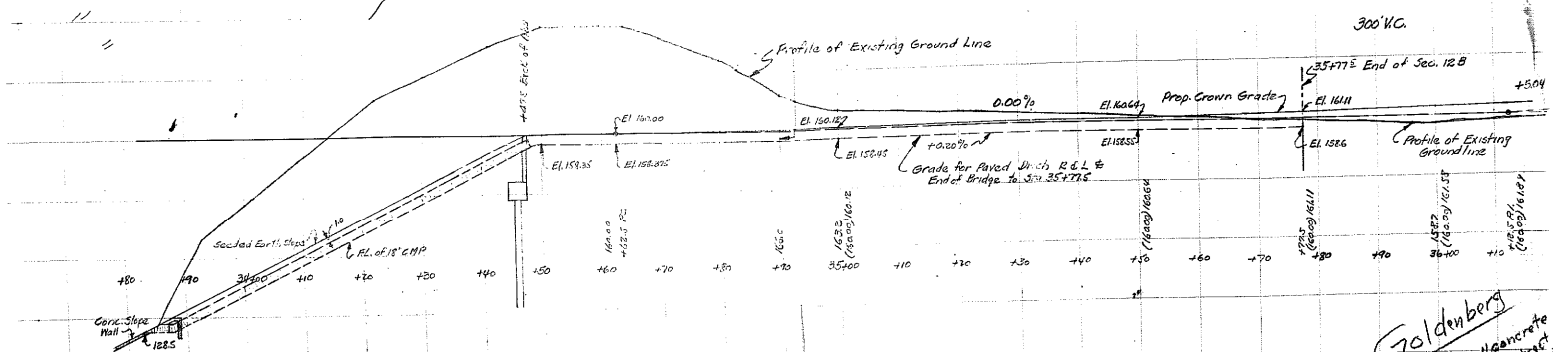
and with 2:1 slope and 15' wide gravel sand for typical Paved Ditch.

See 10' Spill Bank



Symmetrical about C of Roadway

PLAN LAYOUT  
Post Creek Cut-off Bridge  
Sta 12+00 to 12+85C  
Pulaski County  
Sta 23+06



Typical Half-Section Showing Paved Roadway, Shoulders, and Ditches at East End of Bridge. Symmetrical R.L. of E.

Profile Showing Grade for Paved Ditches & 18' CMPs at East Approach - Post-Creek Cut-off Bridge  
Sta 12+2 See 12+85C  
Pulaski Co.

Goldenberg  
Include all concrete work in br. contract

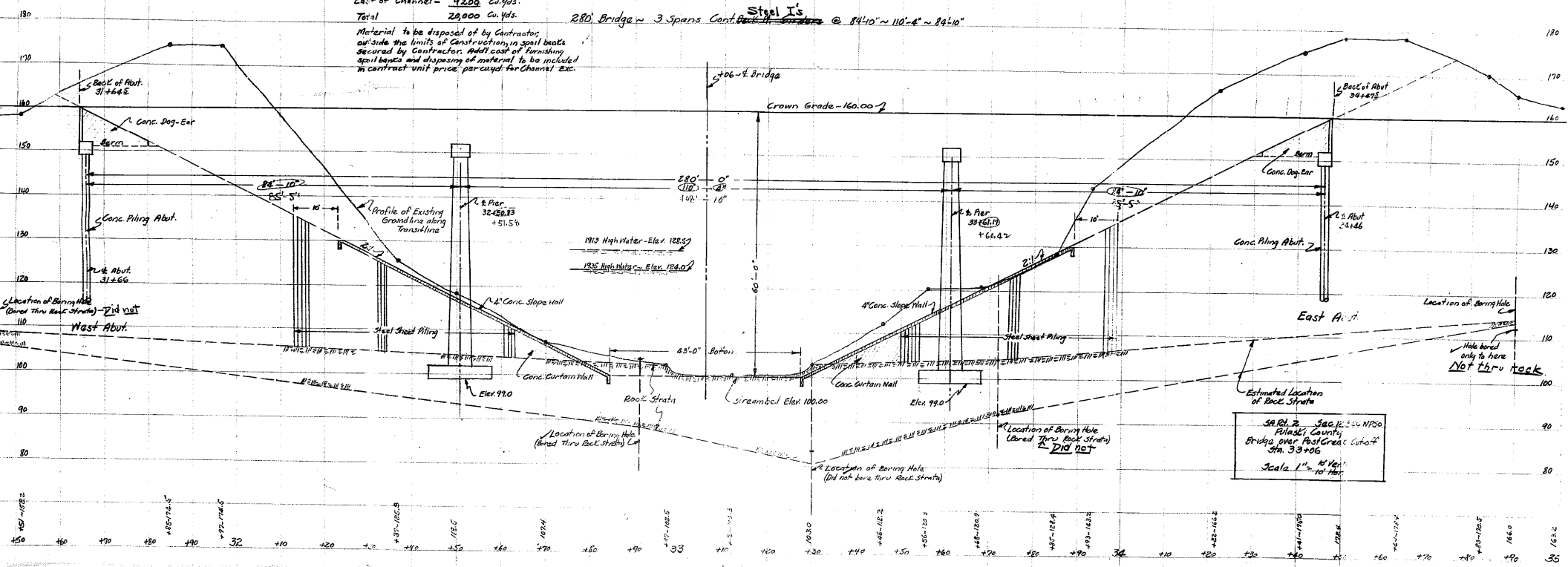


Channel Exc. to be Included in Sec. 12.8

West of Channel - 19,800 Cu.Yds.  
 East of Channel - 9,200 Cu.Yds.  
 Total 29,000 Cu.Yds.

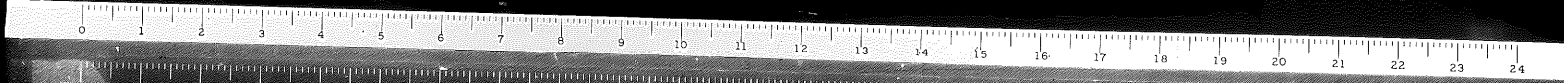
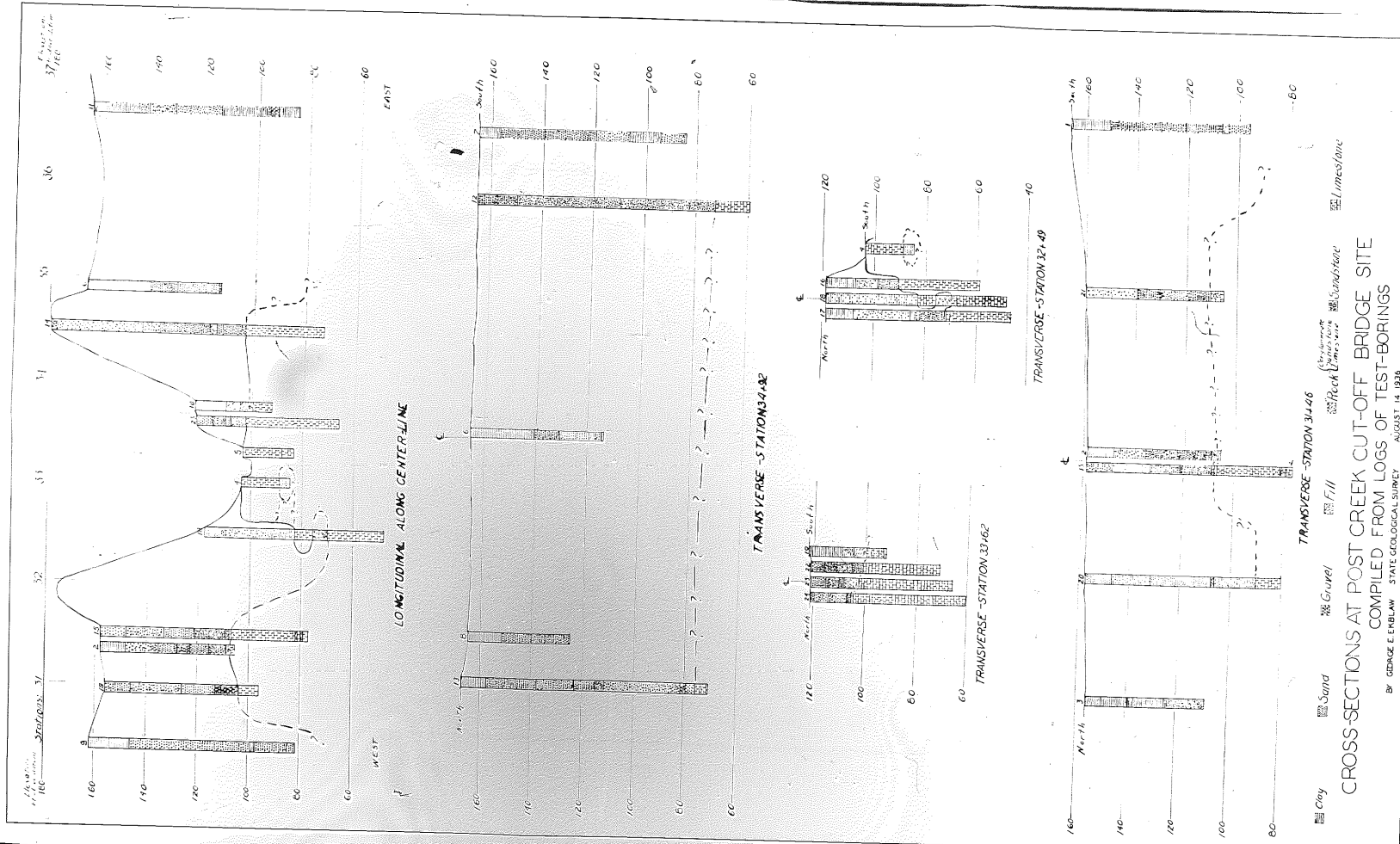
Material to be disposed of by Contractor, outside the limits of Construction, in spoil banks secured by Contractor. Advt. cost of furnishing spoil banks and disposing of material to be included in contract unit price, parav. for Channel Exc.

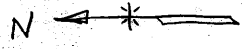
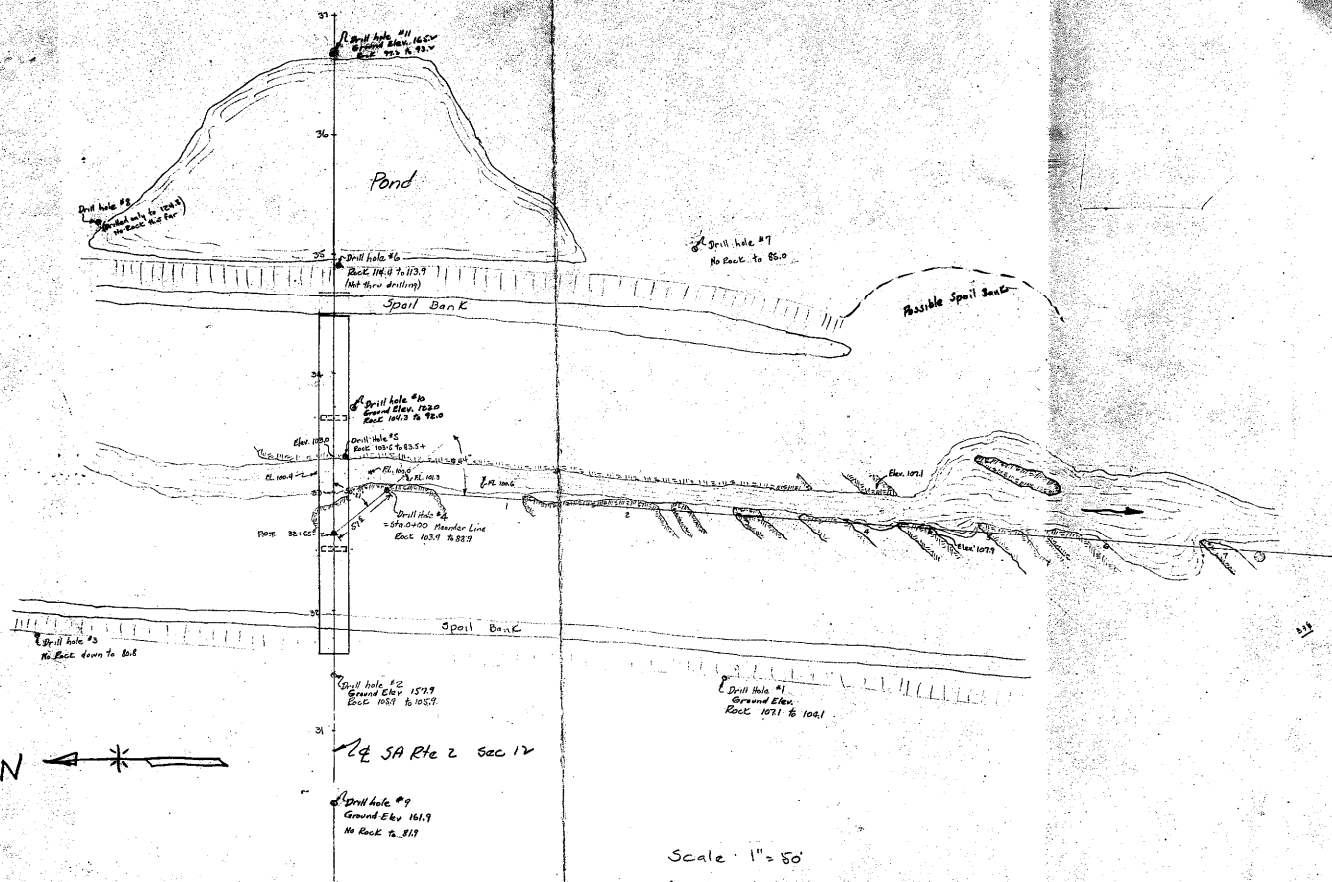
280 Bridge 3 Spans <sup>Steel I's</sup> Cont. ~~Cont. 280~~ @ 84'10" ~ 110'-8" ~ 89'10"



SA Proj. 22 Sec. 12.8 & 12.9 NPSO  
 Pinalo Co. County  
 Bridge over Rio Grande Cut-off  
 Sta. 33+00.5  
 DID NOT  
 Scale 1" = 40'







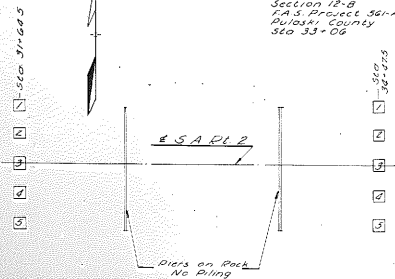
Scale 1" = 50'  
 Meander to Locate Rock Outcrop  
 In Post Creek Cut-Off





Diling Diagram

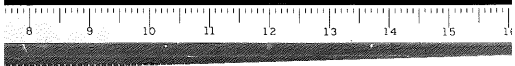
S.A. Route 2  
 Section 12-B  
 P.A.S. Project 30-A  
 Butte County  
 Sta. 33+00



West Abutment			East Abutment			
Diling	Furnished cut off	Driven	Diling	Furnished cut off	Driven	
1	1511 Test Pile	0	1	39	1038	2032
2	32	0	2	39	827	2933
3	32	0	3	39	1010	2690
4	32	0	4	39	817	2683
5	32	0	5	1511 Test Pile	0	0
Total	128	0	Total	156	3922	11648

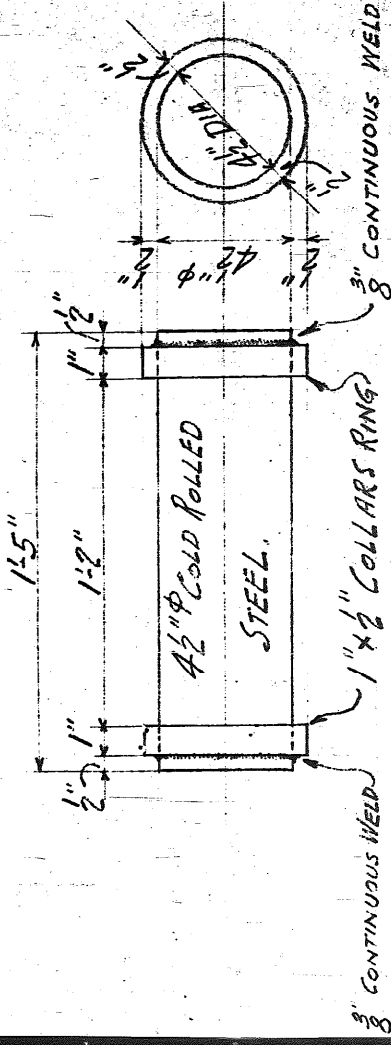
Grand Total Furnished 286 LIN. FT.  
 Grand Total Driven 20408 LIN. FT.

Average Length 30.36 ft

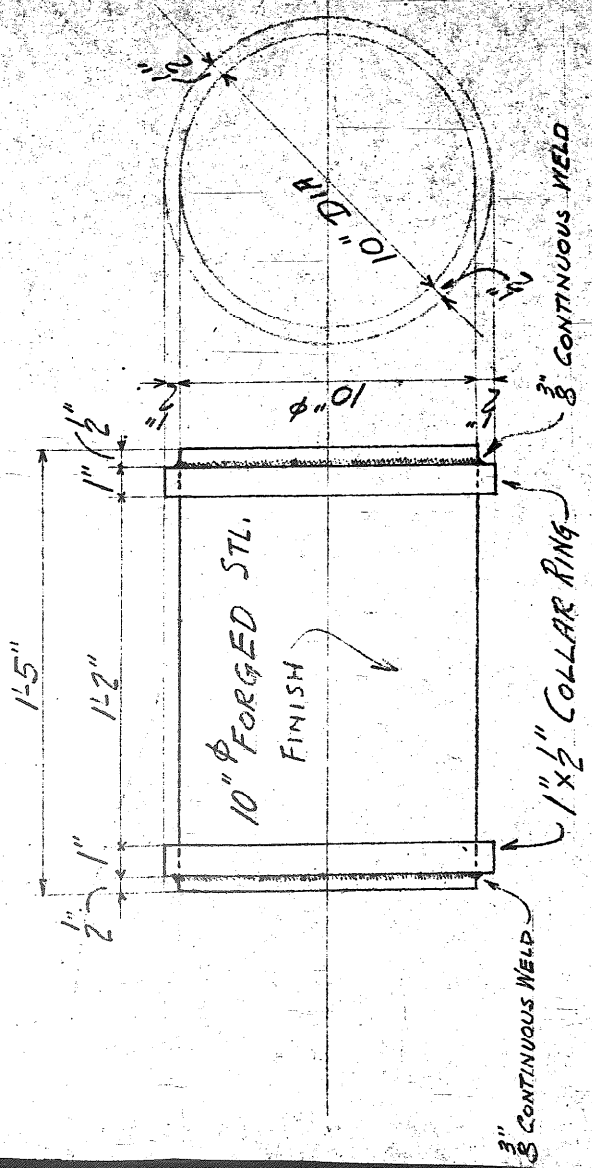








MAKE 10 - ROLLERS AS SHOWN MARK 2A - AT ABUTS.

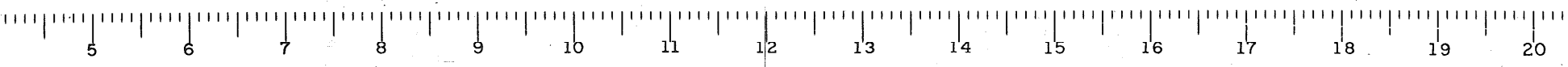


MAKE 5 - ROLLERS AS SHOWN MARK 2B - AT PIER NO 1

A	7
B	
C	
D	
E	
F	
G	
H	
I	
J	
K	
L	
M	
N	
O	
P	
Q	
R	
S	
T	
U	
V	
W	
X	
Y	
Z	

ITEM NO. \_\_\_\_\_  
 ORDER NO. L-1130 SHEET NO. 2  
 NAME STATE OF ILLINOIS  
 LOCATION PULASKI COUNTY BRIDGE  
 ARCHITECT DIVISION OF HIGHWAYS  
 S. A. ROUTE 2 - E.A.S.  
 PROJECT 561-A SEC. 12 E  
 STATION 33+06  
 PAINT 1 COAT BLUE LEAD AFTER INSPECTION  
 RIVETS - DIA. UNLESS NOTED  
 OPEN HOLES - DIA. UNLESS NOTED  
 DATE 11-11-1937 DRAWN BY JK

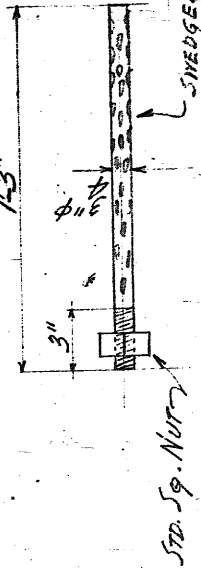
Hansell-Elcock Company





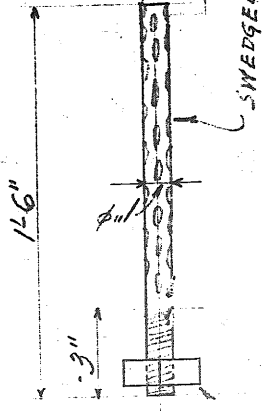


4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20



STD. SQ. NUT

MAKE 60-ANCHOR BOLTS AS SHOWN MK 3A-FOR ABUTS & PIER No 1



STD. SQ. NUT

MAKE 10-ANCHOR BOLTS AS SHOWN MARK AB-FOR PIER No 2

FIELD RIVETS

- FURNISH 125 RIVETS 7/8" x 2 1/2" LG.
- " 715 " 3/4" x 3" "
- " 1600 " 3/4" x 3 1/4" "

FIELD BOLTS

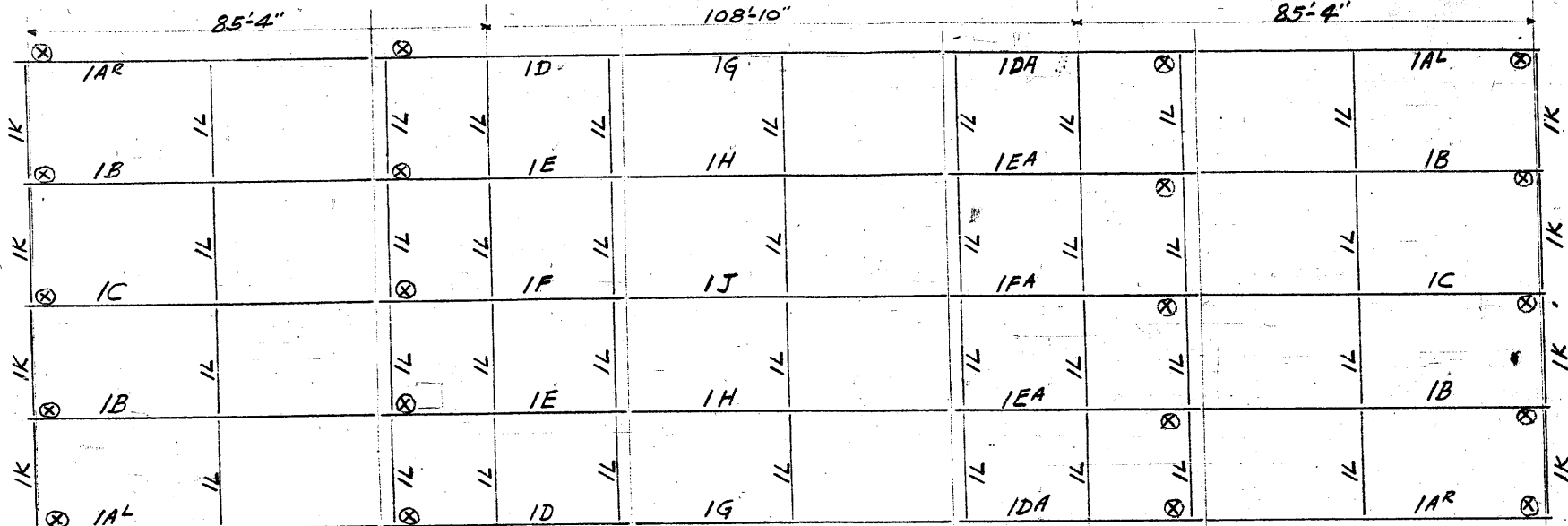
- FURNISH 40-3/16" BOLTS 2" LONG.
- WITH HEX. HEAD AND HEX NUT.

16-7/8

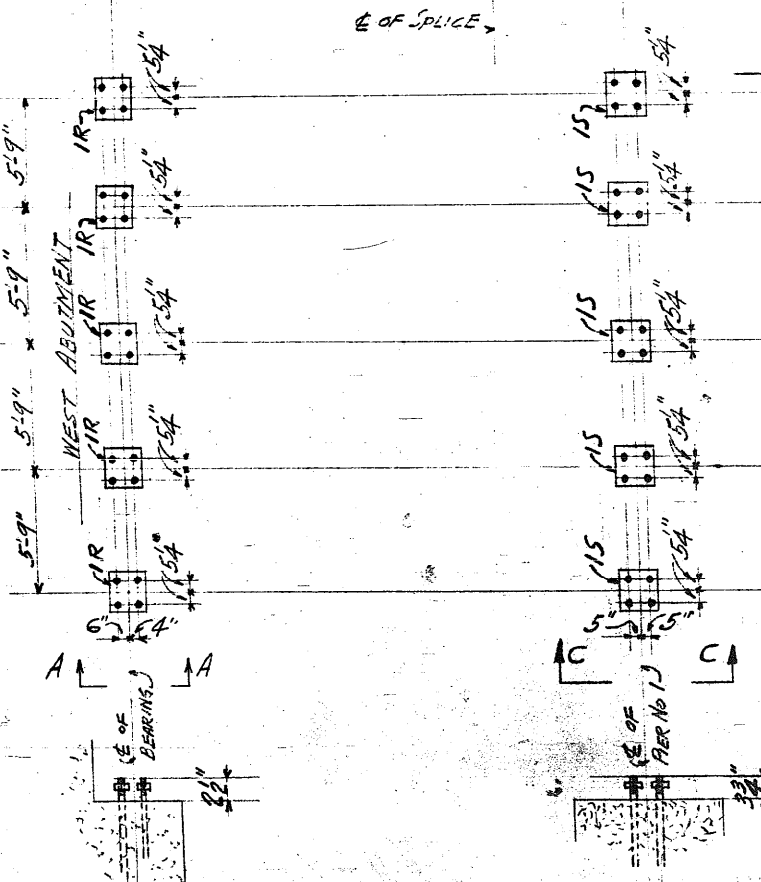

NAME STATE OF ILLINOIS ORDER NO. L-1130 SHEET NO. 3  
 LOCATION PULASKI COUNTY BRIDGE PAINT NONE  
 ARCHITECT DIVISION OF HIGHWAYS RIVETS DIA. UNLESS NOTED  
 CONTRACTOR S.A. ROWE & SONS OPEN HOLES DIA. UNLESS NOTED  
 ESTABLISHED BY PROJECT 561-A SEC. 12 F DATE 11-12-1927 DRAWN BY J.T.K.

STATION 35+06 Hansell-Elcock Company

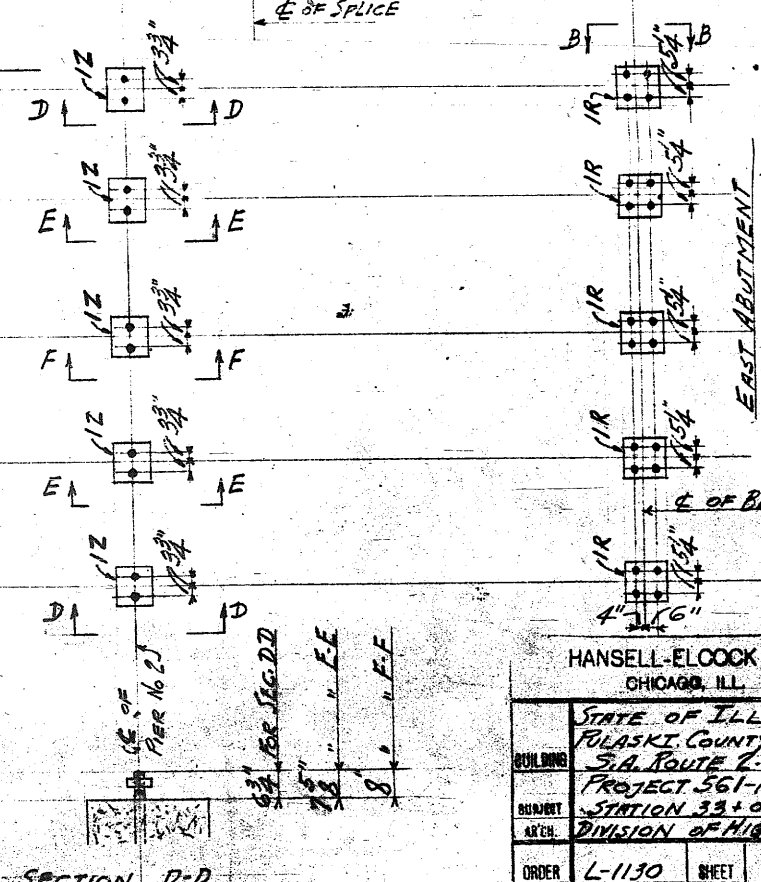




FRAMING PLAN



ANCHOR BOLT PLAN



SECTION D-D  
E-E  
F-F

HANSELL-ELOOCK CO. CHICAGO, ILL.		PRINTS 1334
BUILDING	STATE OF ILLINOIS POLASKI COUNTY BRIDGE S.A. ROUTE 2, F.A.S.	73 APR C APPR
PROJECT AREA	PROJECT 561-A SEC. 11F STATION 33+06 DIVISION OF HIGHWAYS	
ORDER	L-1130	SHEET E1
DRAWN BY	J.K.	DATE 11-12-37
CH. BY	72	DATE
FINISH		