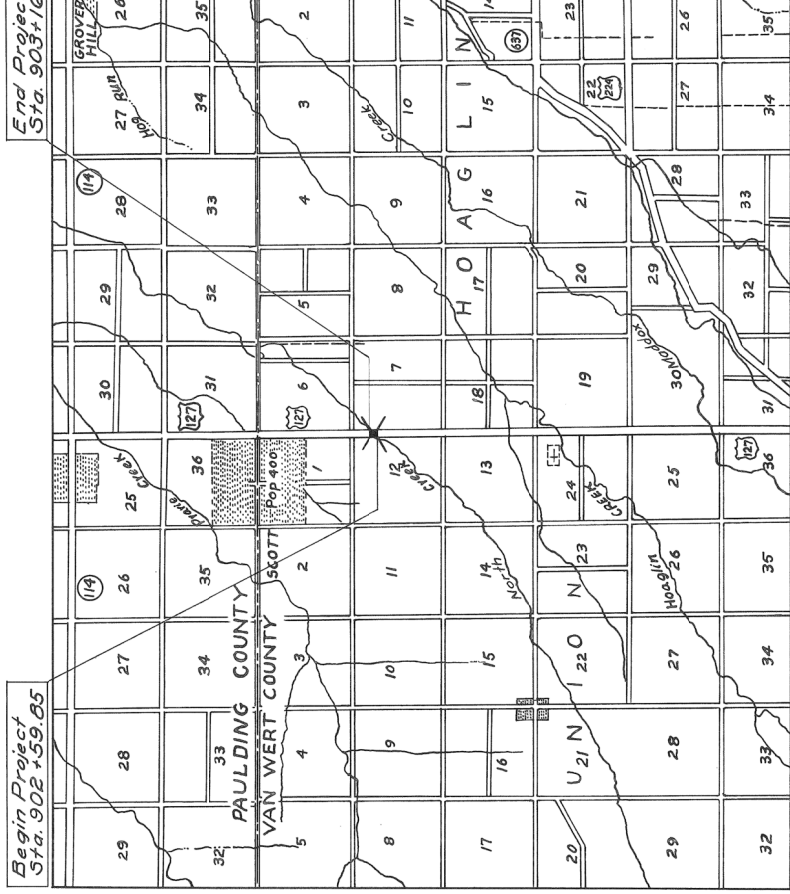


STATE OF OHIO DEPARTMENT OF HIGHWAYS VAN-127-17.23 VAN WERT COUNTY HOAGLIN & UNION TOWNSHIPS



DELIVERY POINT: SCOTT

AVERAGE HAUL = 2.0 MILES

LOCATION PLAN

SCALE 1" = 1 MILE

PORTION TO BE IMPROVED
 STATE HIGHWAYS
 OTHER ROADS

CONVENTIONAL SIGNS

STATE LINE	---
COUNTY LINE	---
TOWNSHIP LINE	---
SECTION LINE	---
CORPORATION LINE	---
FENCE LINE	X-X-X-X-X
CENTER LINE	o-o-o-o-o
POLE LINE	o-o-o-o-o
STEAM RAILROAD	—x—x—x—x—x—
GUARD RAIL, PROPOSED	o-o-o-o-o
GUARD RAIL, EXISTING	o-o-o-o-o
DRAIN PIPE, PROPOSED	o-o-o-o-o
DRAIN PIPE, EXISTING	o-o-o-o-o
PROPERTY LINE	---PZ---

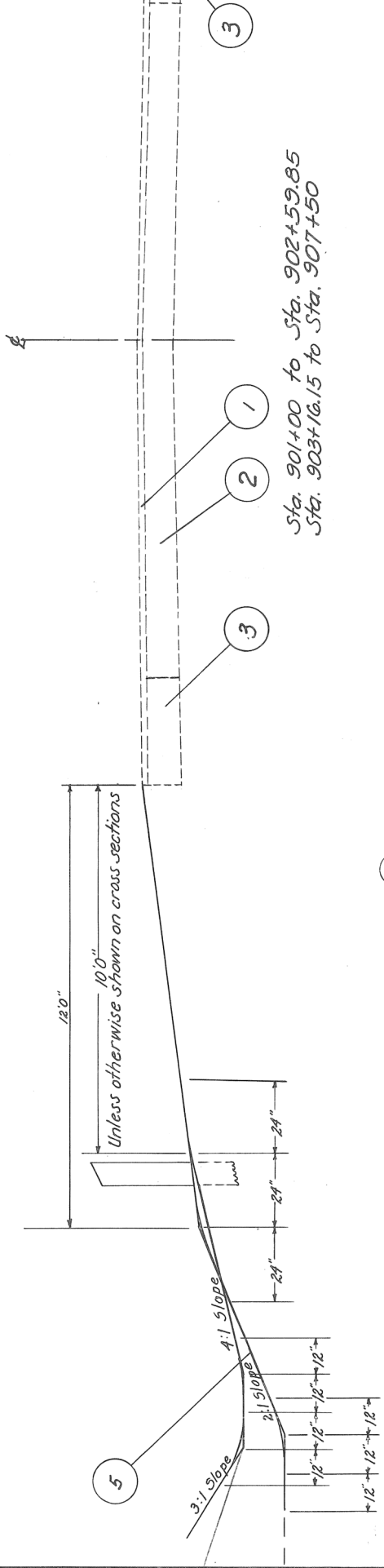
INDEX OF SHEETS

TITLE SHEET	1
TYPICAL SECTIONS	2
GENERAL NOTES	2
SUMMARY & PAVEMENT COMPUTATIONS	2
PLAN & PROFILE	3
CROSS SECTIONS	4-6
STRUCTURE OVER 20' SPAN	7-10

LINE DATA

BEGIN PROJECT STA. 902+59.85
 END PROJECT STA. 903+16.15
 GROSS LENGTH OF PROJECT = 56.30 LIN. FT.
 ADDITIONS & DEDUCTIONS = NONE

TYPICAL TYPE GRADING SECTION



- ① Existing Asphaltic Concrete Surface Course.
- ② Existing 16' wide Concrete Pavement.
- ③ Existing 2' Wide Bituminous Widening.
- ⑤ Item L-9 Seeding and Protecting, Type "A"

Sta. 901+00 to Sta. 902+59.85
Sta. 903+16.15 to Sta. 907+50

GENERAL NOTES

UTILITIES:— Any and all work required for adjustment of Private Utilities will be done by and at the expense of their respective owners unless otherwise noted on these plans.

FIELD OFFICE:— The contractor shall provide a suitable "Field Office" in accordance with Sec. 5-0.0(b) having a minimum of 110 Sq. Ft. of floor space. The contractor shall have a telephone installed and maintained during the construction of this project. When work is in progress during cold weather the office shall be heated to a temperature of at least 70°.

TREE REMOVALS:— No trees shall be removed by the contractor even though listed for removal until some have been specifically marked by the Engineer. Special care shall be taken to protect all trees not marked for removal.

FINISHING CONCRETE APPROACH SLABS:— Hand finishing will be permitted as per Sec. T-71.211.

RIPRAP:— Suitable material resulting from the removal of existing structure may be used in the construction of new Riprap, Type "A," Grouned.

SCALPING:— Topsoil from the scalping operation shall be used in the final

SEED MIXTURE:— Specifications L-9 Type "A" shall be followed except that following seed mixture shall be used throughout the limits of the project
20 % Timothy
10 % Fancy Red Top
40 % Creeping Red Fescue
20 % Alta Fescue

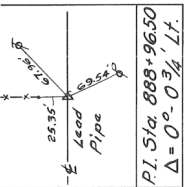
Seed at the rate of 3 pounds per 1000 square feet

FINAL CROSS SECTIONS:— The cross sections for roadway and channel excavation have been prepared with sufficient coverage and accuracy to establish the yardage for payment.

Final payment for roadway and channel excavation shall be based on the quantities as shown on these plans except as modified by changes in design covered approved change orders or to correct errors found in plans, staking out, or construction operations.

Final cross sections of roadway and channel excavation, therefore, will not be required for this project except at locations where the construction has deviated from the design as shown on the plans, or where errors are found.

TEMPORARY RUNAROUND:— Temporary runaround bridge and approach (including maintenance and removal) are included in this contract.

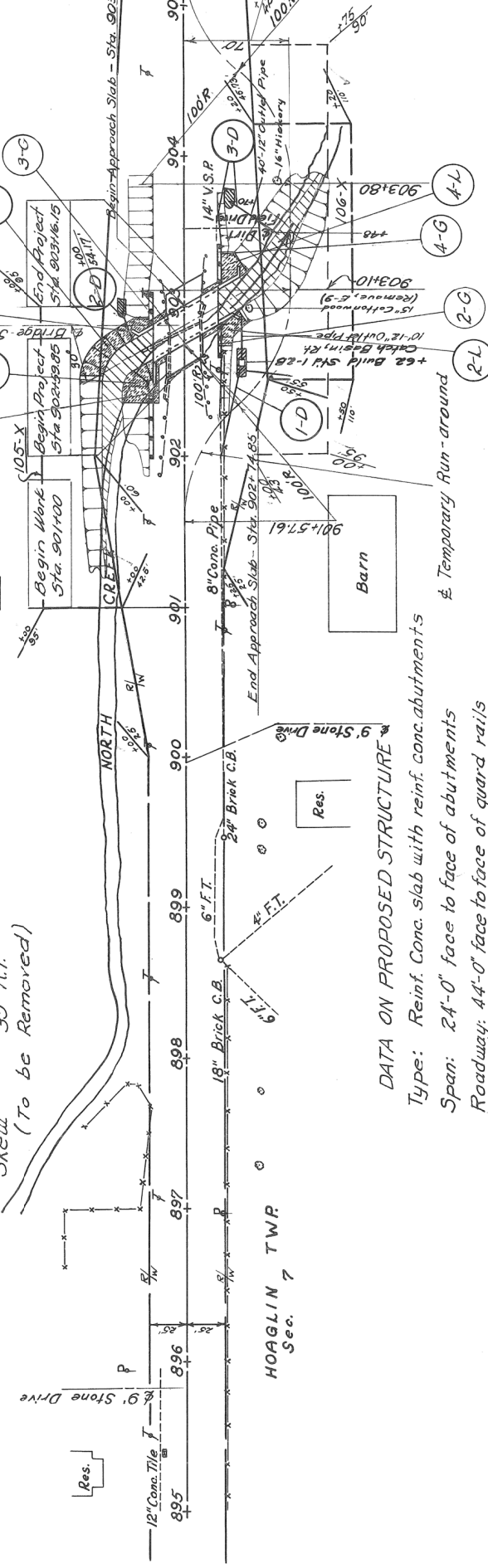


DATA ON EXISTING STRUCTURE

Type: Conc. Arch with slab extension
 Loading: H-15
 Clear Span: 22'-0"
 Roadway: 18'-5"
 Length %: 25'-6"
 Width %: 20'-5"
 Skew: 35° R.F.
 (To be Removed)

UNION TWP
 Sec. 12

JOHN H. & MAE FOUST
 105



DATA ON PROPOSED STRUCTURE

Type: Reinf. Conc. slab with reinf. conc. abutments
 Span: 24'-0" face to face of abutments
 Roadway: 44'-0" face to face of guard rails
 Loading: S-15-46
 Skew: 30° R.F.
 Surf. Course: Bituminous
 Appra. Slabs as shown
 Alignment: Tangent

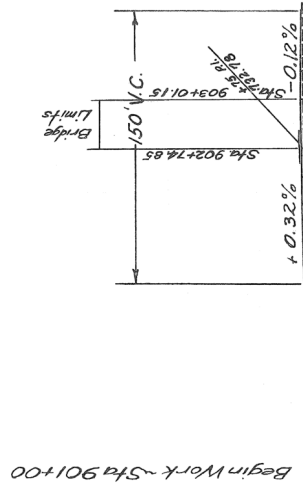
B.M. #1 Sta. 896+97 27' Rt.
 Spike in Power Pole
 Elev. 731.88

B.M. #2 Sta. 902+75 9.5' Rt.
 X Top N.E. Bridge Wing
 Elev. 732.49

WALTER I. & MABLE I. KEITH
 106

732.54	732.62	732.66	732.70	732.71	732.72	732.69
--------	--------	--------	--------	--------	--------	--------

GUARD	
Ref. Station	No. From
1-G	901+96.88 90.
2-G	902+66.62 90.
3-G	902+88.45 90.
4-G	903+58.85 90.
Total	

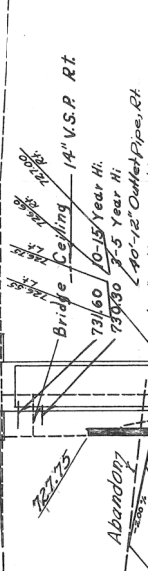


740

735

730 12" Conc. Tile Lt.

725



85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0

Seeding
Width Spikes

-104 Connection for Bridge Span

-220 Deduct for Sodded Area
around Bridge as shown
on plan sheet

-36 Deduct for Sodded Area
around C.B. & Pipe Inlets.

732.70
902+74.85
732.66
End South Approach Slab
722.60 Channel Elev.

732.68
902+67.50
732.69

Section across face of Existing Abut. on Skew (Back)

732.68
902+59.85
732.70 Ahead
Begin South Approach Slab (On Skew)
BEGIN PROJECT
Sta. 902+59.85

902+00
732.54

901+00
732.39

Begin Work Sta. 901+00

900+00
732.15

Sod

Sod

Sod

Channel Excavation

Channel Excavation

Seeding

Channel Excavation

Sod

Channel Excavation

Channel Excavation

Seeding

R/W

R/W

R/W

R/W

R/W

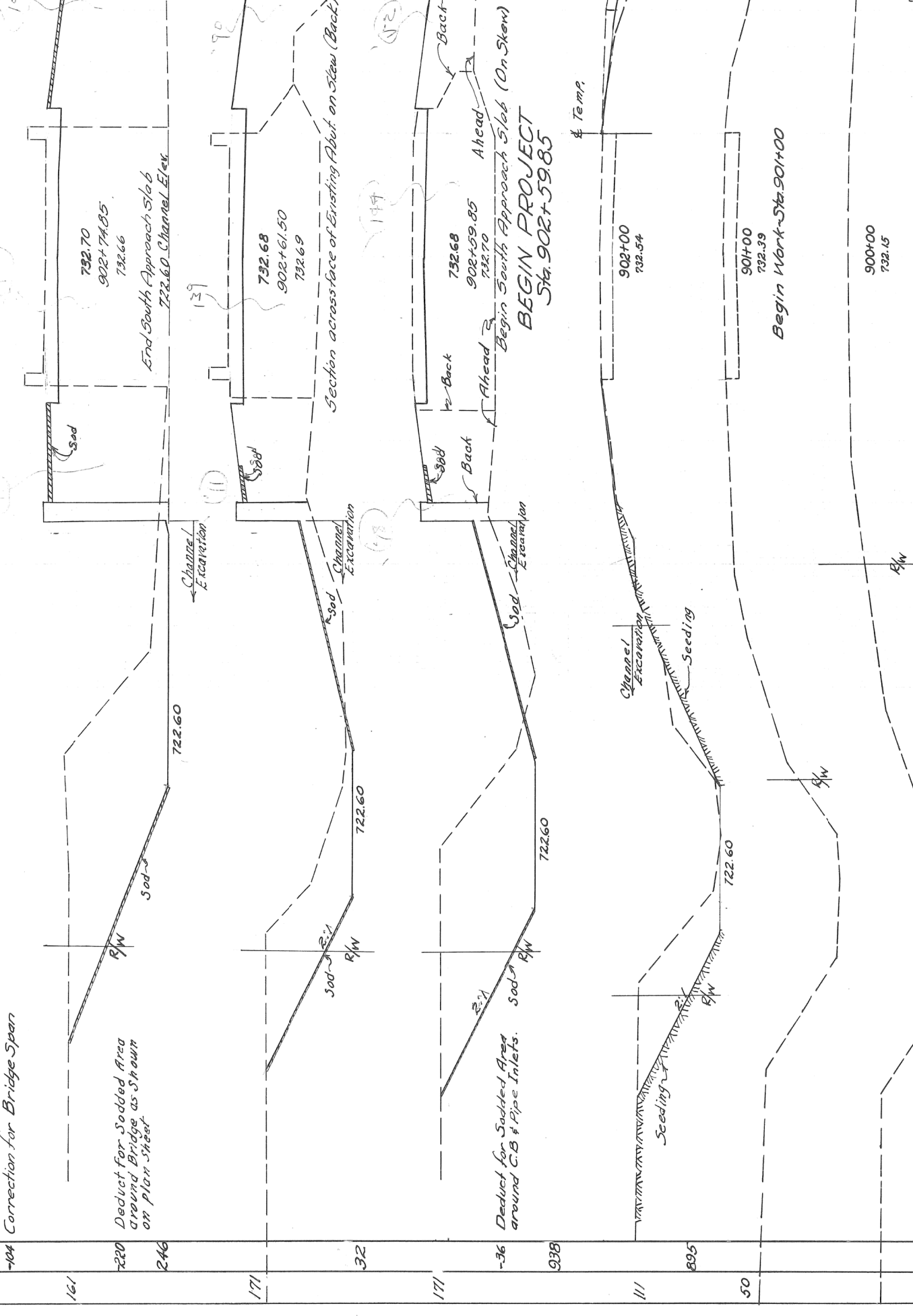
R/W

W/E 95'

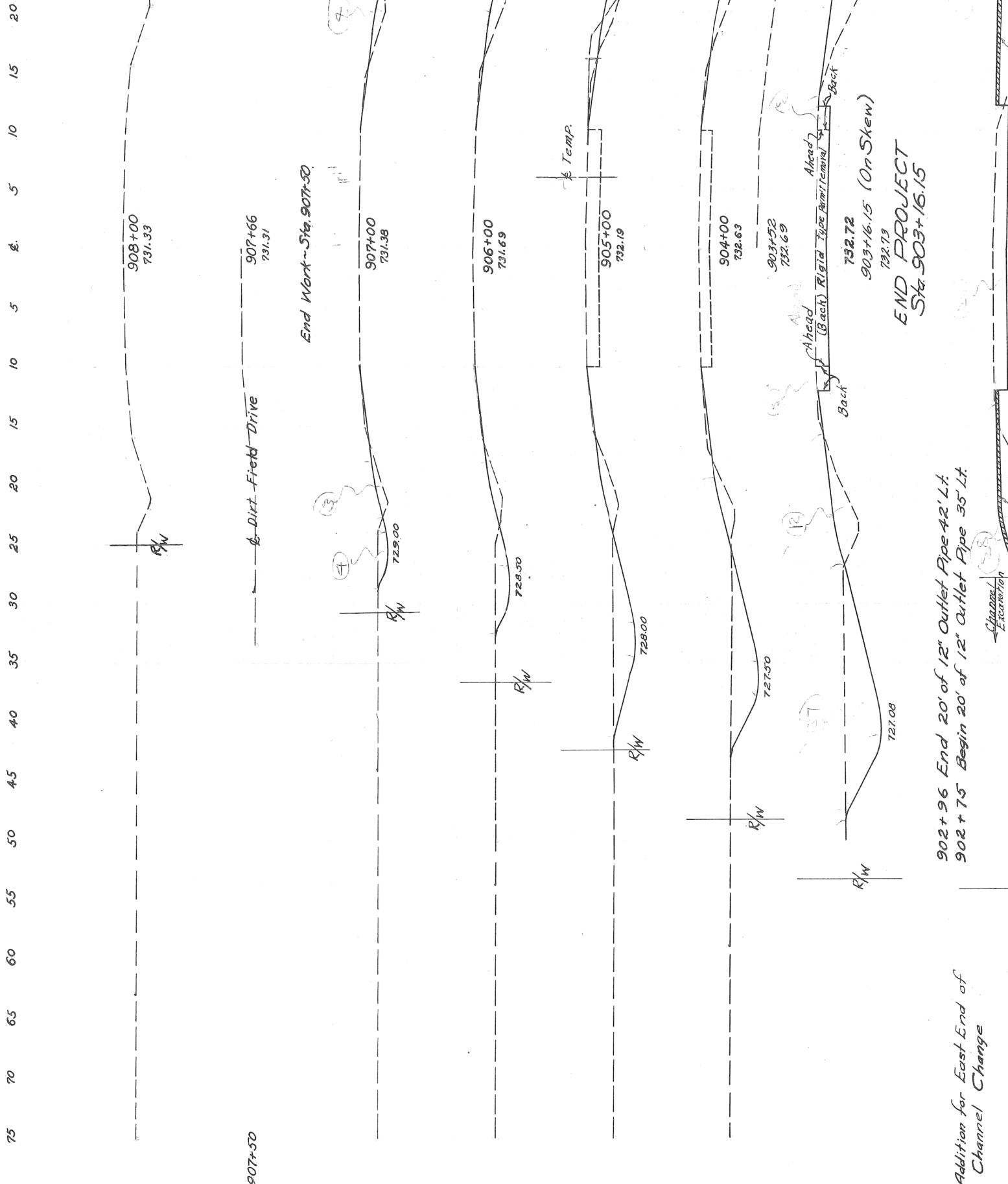
W/E 95'

W/E 95'

W/E 95'



85	Seeding	
	Width Sp/De	
38		907+50
42		907+50
54		907+50
66		907+50
141		907+50
119		907+50
193		907+50
278		907+50



End Work ~ Sta. 907+50

END PROJECT
Sta. 903+16.15

902+96 End 20' of 12" Outlet Pipe 42' Lt.
902+75 Begin 20' of 12" Outlet Pipe 35' Lt.

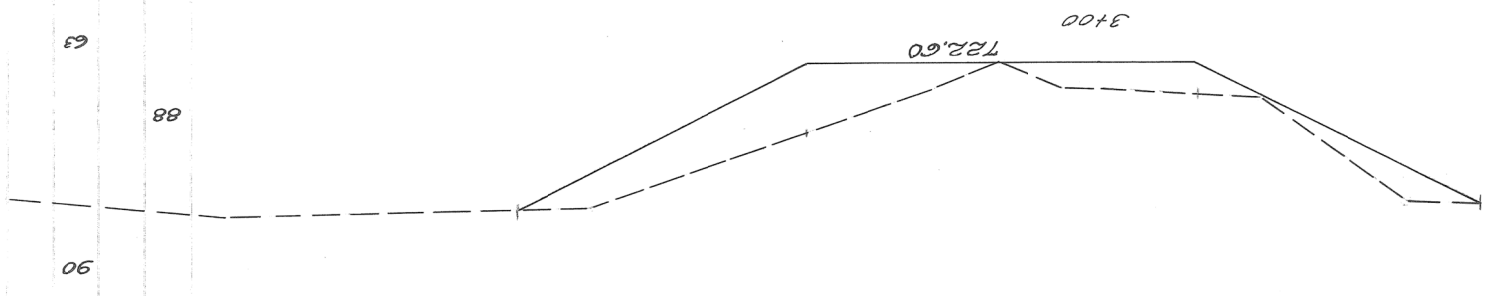
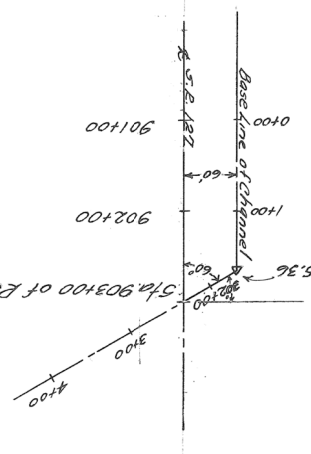
Addition for East End of
Channel Change

20 15 10 5 4 5 10 15 20 25 30 35 40 45 50 55 60

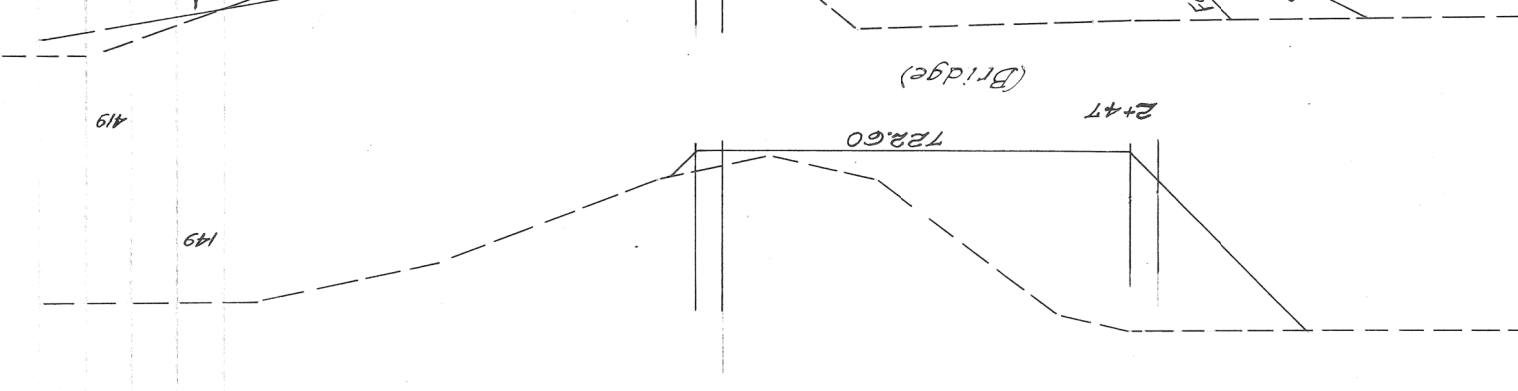
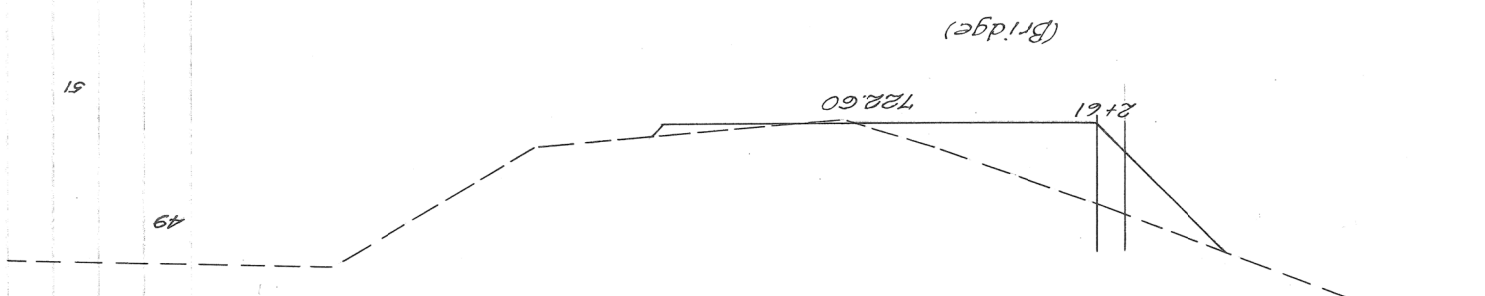
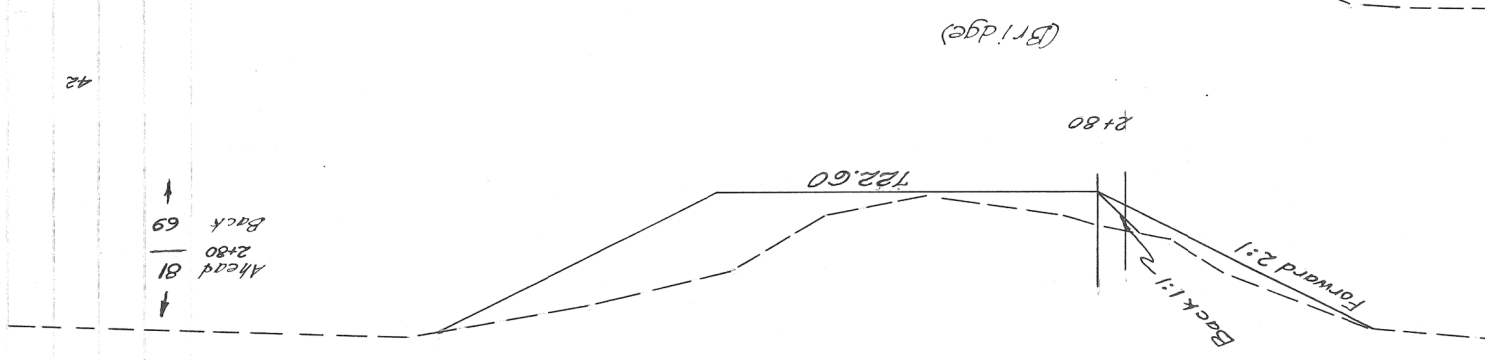
End Area Cu.Yd.
Cut Fill Cut Fill

3+55 0 0

PI Sta 1465.36
Sta. 903+00 of Rd = Sta. 2+94.64 of Base Line



↑
Ahead 81
2+80
Back 69
↓



730

728

726

732

730

732

730

732

730

732

730

732

730

732

730

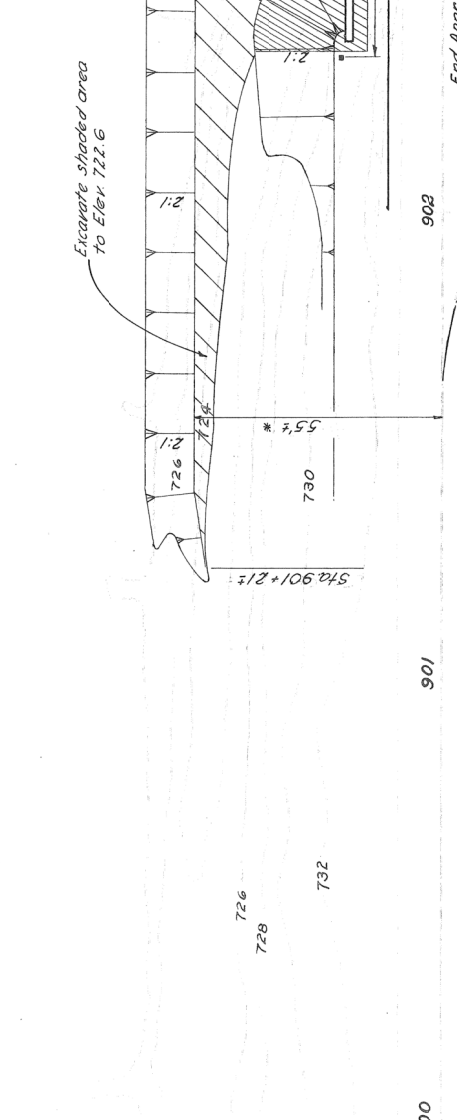
732

730

732

730

732



FOUNDATION SOUNDINGS: Foundation design and foundation quantities are based on a study of rod soundings and soil sampling soundings made at the site. This sounding information may be inspected in the office of the Bureau of Bridges in Columbus or in an abridged form in the Division Office, but the State assumes no responsibility for the accuracy thereof.

730

732

730

732

731.6

731.6

731.6

Sta. 902+74.85

Bridge Eler 732.71

Sta. 903+01.15

Bridge Limits

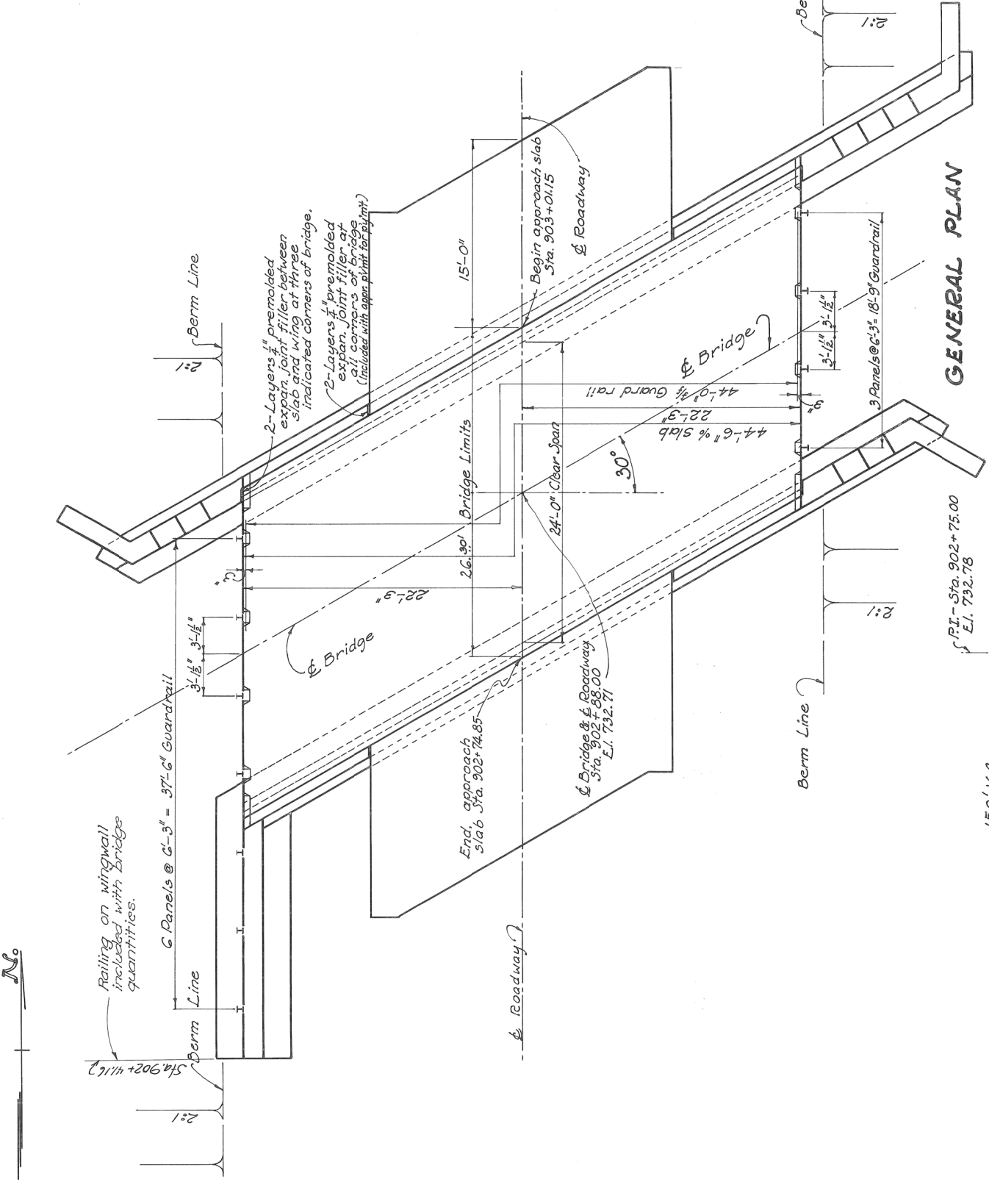
* See channel section Sheet No. 6.

B.M. #2 Sta. 902+75 9.5' Rt.
X Top N.E. Bridge Wing

Clea.

REINFORC

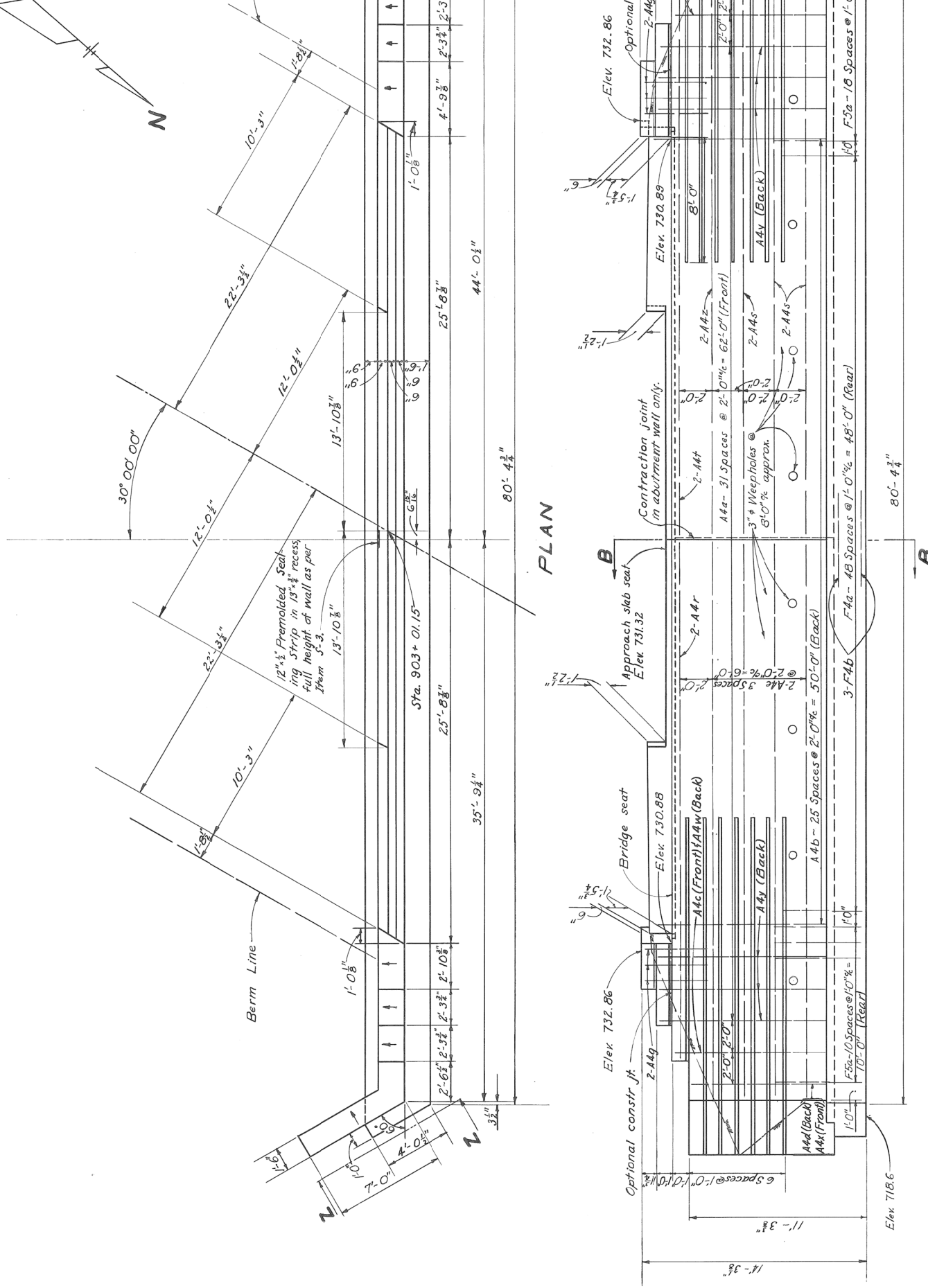
Mark	Steel No.	Length	Weight
SUPERSTRUCTURE			
S7a	1" φ 107	28'-1"	8023
S5a	3/4" φ 106	26'-9"	4259
S4a	3/8" φ 15	25'-9"	403
ABUTMENTS			
A4a	5/8" φ 60	10'-7"	662
A4b	5/8" φ 52	11'-6"	624
A4c	5/8" φ 4	9'-7"	40
A4d	3/8" φ 15	9'-0"	141
A4e	3/8" φ 16	35'-4"	590
A4f	3/8" φ 10	25'-5"	265
A4g	3/8" φ 18	4'-0"	75
A4h	3/8" φ 24	9'-5"	236
A4i	3/8" φ 2	5'-7"	12
A4j	3/8" φ 13	8'-8"	118
A4k	3/8" φ 22	11'-9"	270
A4m	3/8" φ 7	6'-0"	44
A4n	3/8" φ 6	23'-8"	148
A4o	3/8" φ 11	24'-4"	279
A4p	3/8" φ 1	6'-7"	7
A4q	3/8" φ 1	7'-0"	7
A4r	3/8" φ 4	22'-10"	137
A4s	3/8" φ 6	43'-8"	273
A4t	3/8" φ 2	35'-0"	17
A4u	3/8" φ 2	8'-0"	16
A4v	3/8" φ 2	7'-7"	16
A4w	3/8" φ 4	10'-1"	42
A4x	3/8" φ 5	8'-7"	45
A4y	3/8" φ 8	11'-1"	92
A4z	3/8" φ 2	39'-6"	82
F5a	3/8" φ 53	6'-4"	504
F4a	5/8" φ 99	5'-9"	594
F4b	3/8" φ 12	6'-0"	75
F4c	3/8" φ 21	4'-9"	104
REPLACEMENT			
RE-7	1" φ 1	6'-6"	17
RE-5	3/8" φ 1	5'-11"	9
RE-4	3/8" φ 1	5'-7"	6



10-15 Year H.W. El. 731.60

150' V.C.

REINFORC



PLAN

ELEVATION

NOTE: For additional details see sheet