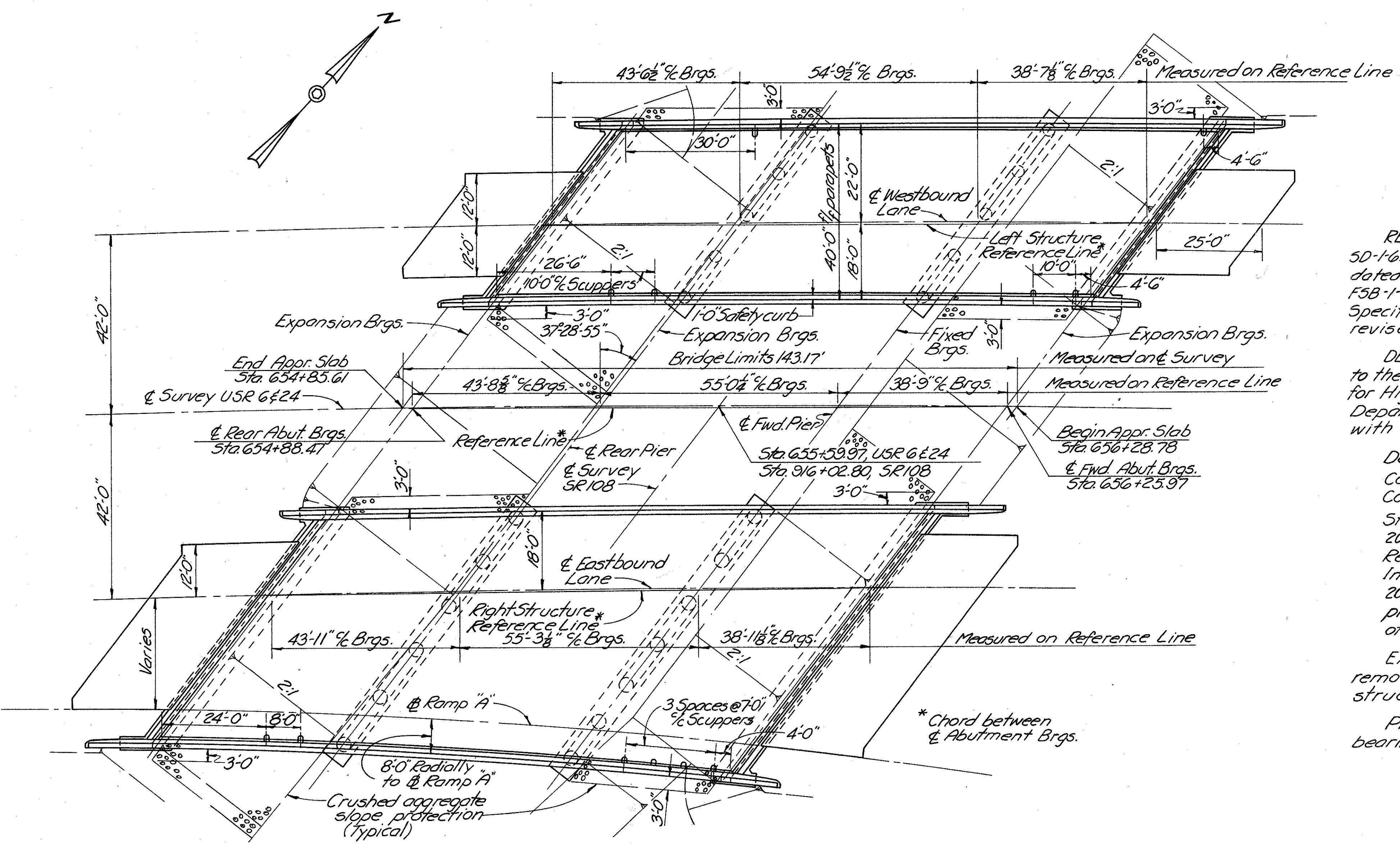


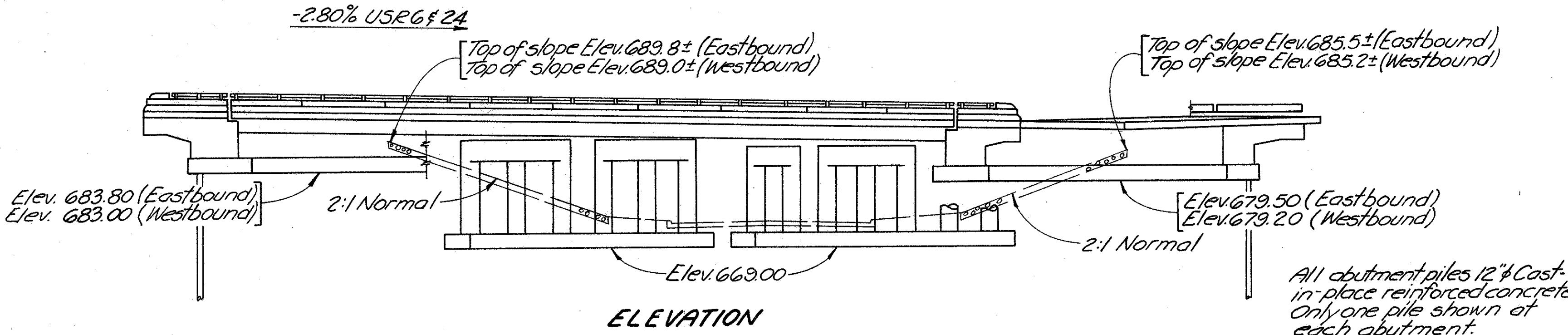
FED. RD. DIVISION	STATE	PROJECT	
2	OHIO		270

MICROFILMED
AUG 2 1960

HENRY COUNTY
HEN-0-11-73
HEN-24-961



Scuppers located from \$ abutment bearings @ face of curb.



STATE OF OHIO DEPARTMENT OF HIGHWAYS DIVISION OF DESIGN AND CONSTRUCTION BUREAU OF BRIDGES			
GENERAL PLAN AND ELEVATION AND GENERAL NOTES BRIDGE NO. HEN-6-1279 L&R OVER SR108			
STA 654+85.61 STA 656+28.78			
HENRY COUNTY			
DESIGNED R.L.D.	DRAWN R.L.D.	TRACED H.C.	CHECKED Innes
REVIEWED BFG	DATE 5-21-65	REVISED	

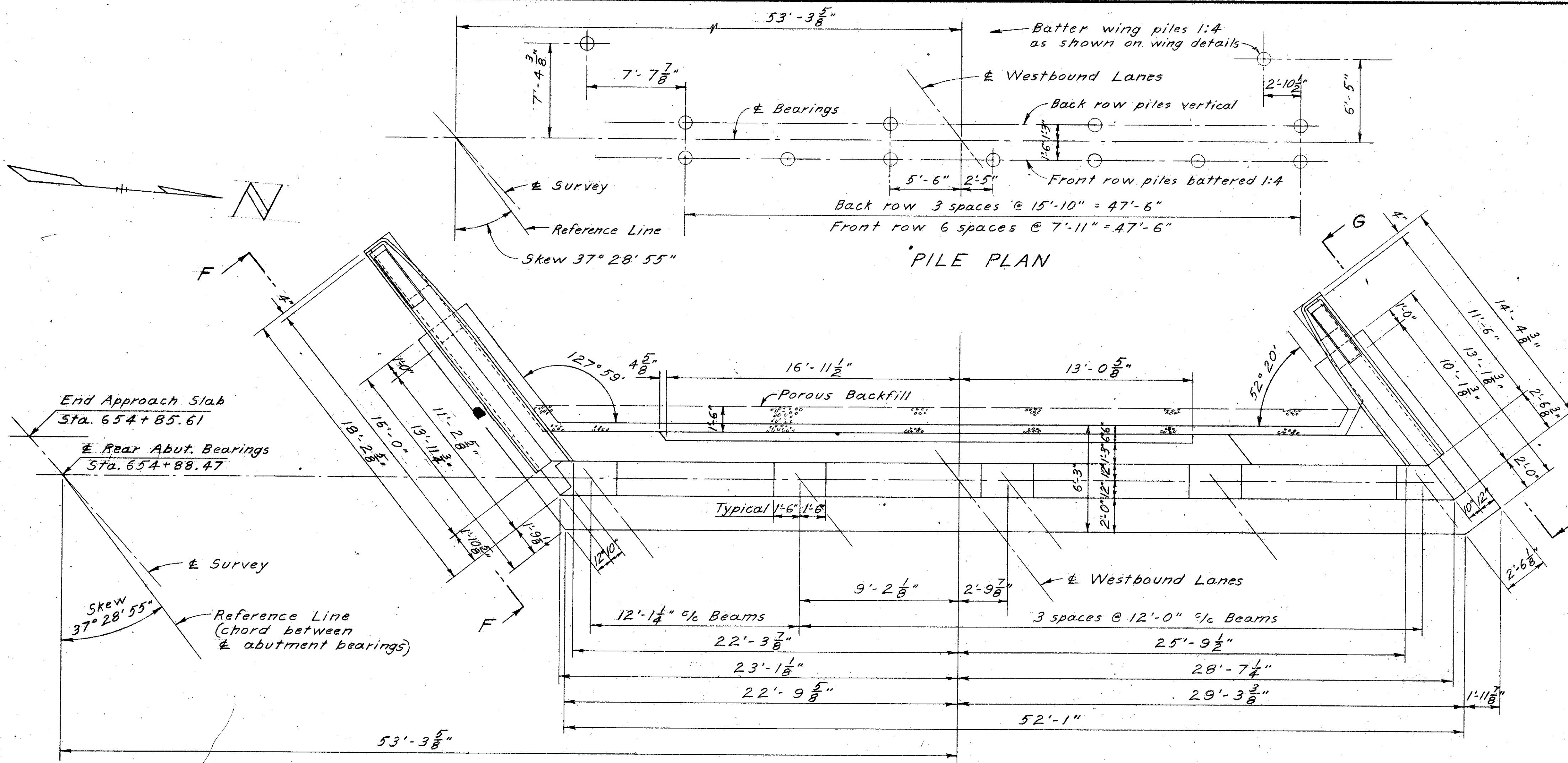
FED. RD. DIVISION	STATE	PROJECT	
2	OHIO		27.

272

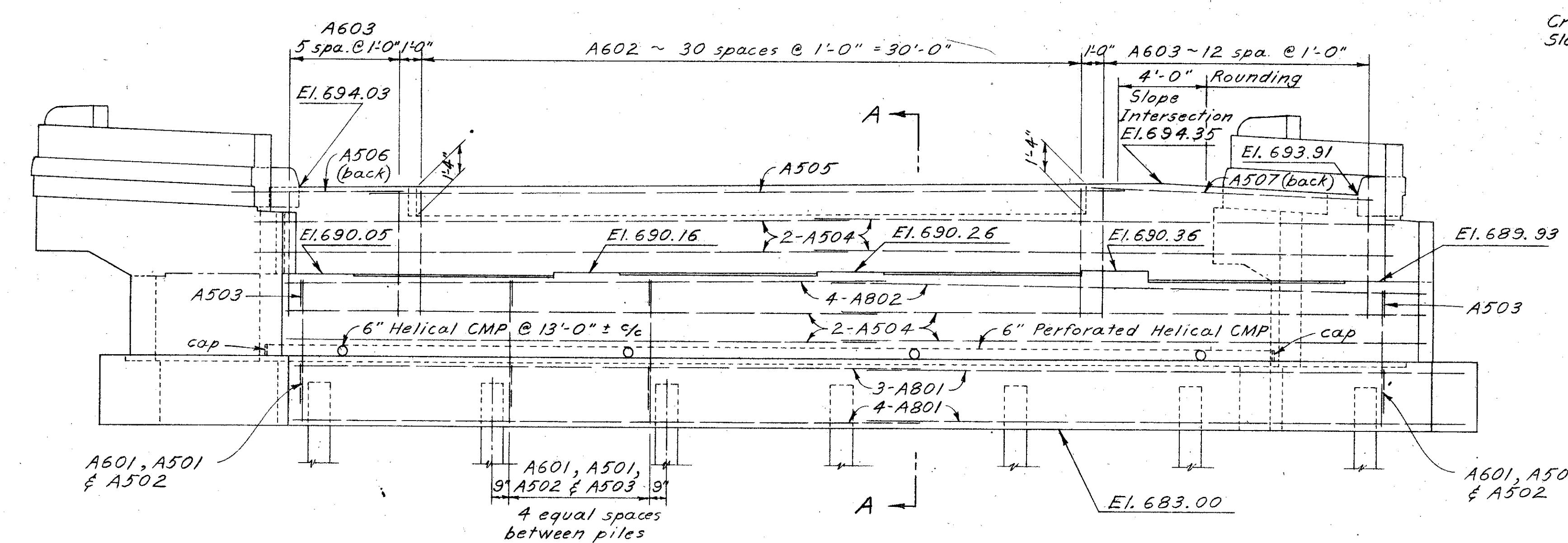
MICROFILMED

AUG 2 1985

HENRY COUNTY
HEN-6-11.73
HEN-24-9.81

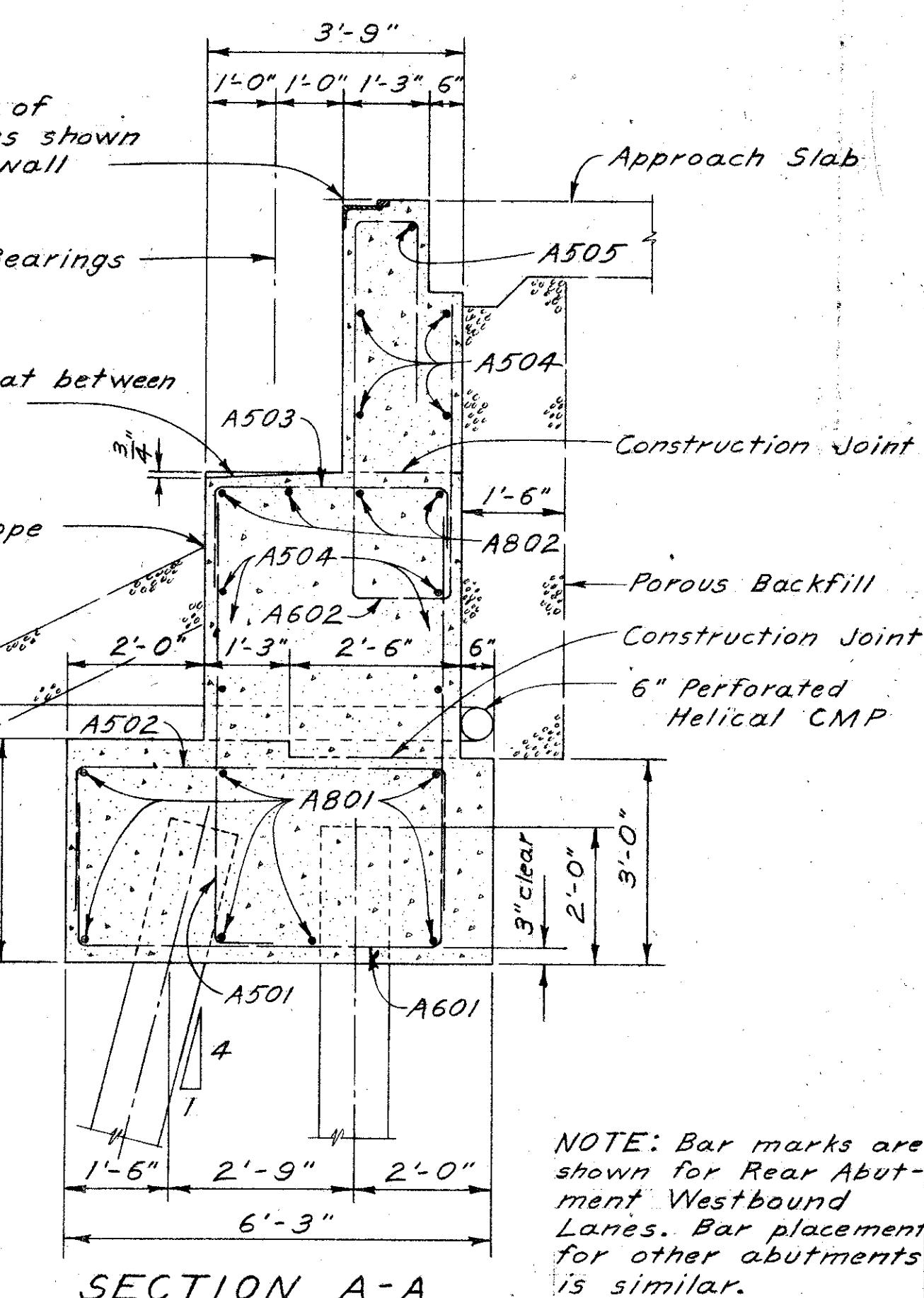


ABUTMENT PLATE



ELEVATION

BRIDGE SEAT REINFORCING: Special care shall be taken in placing reinforcing steel in the vicinity of the bridge seat so as to avoid interference with the drilling of anchor bar holes.



SECTION A-A

NOTE: Bar marks are shown for Rear Abutment Westbound Lanes. Bar placement for other abutments is similar.

4

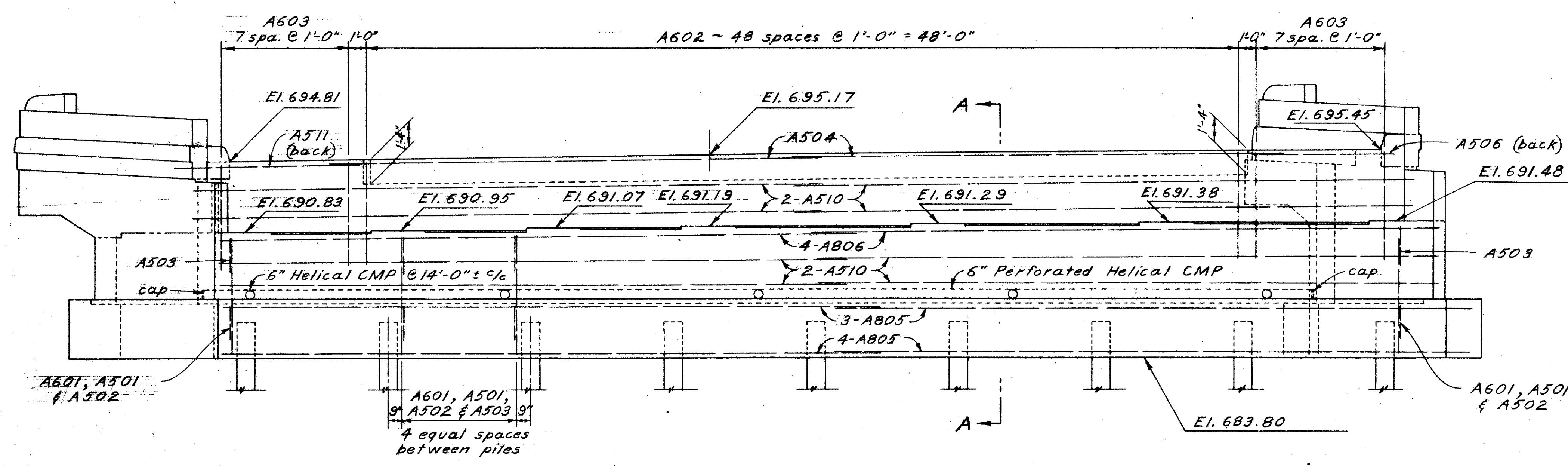
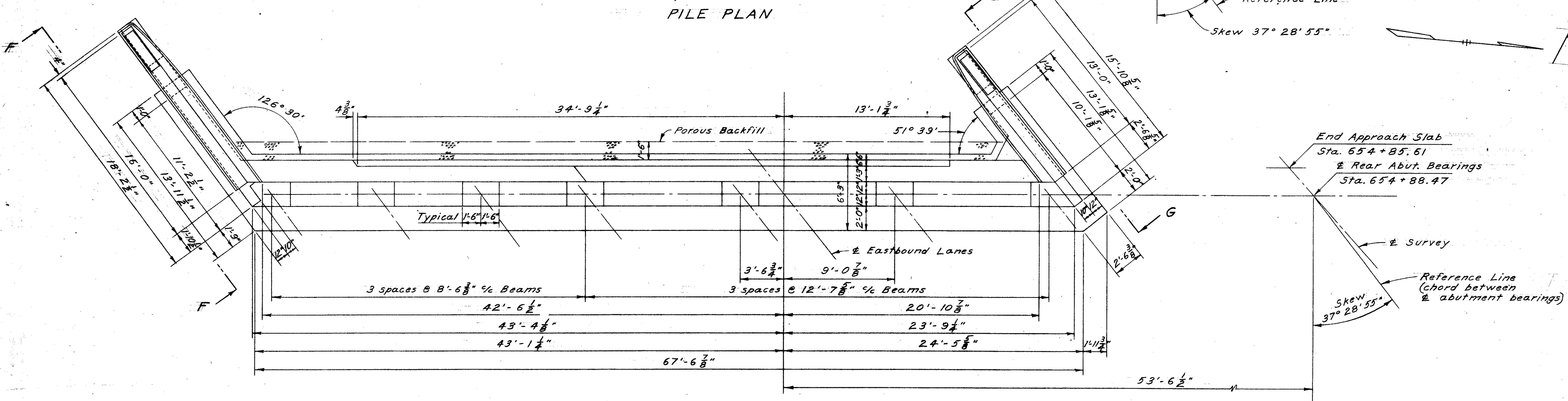
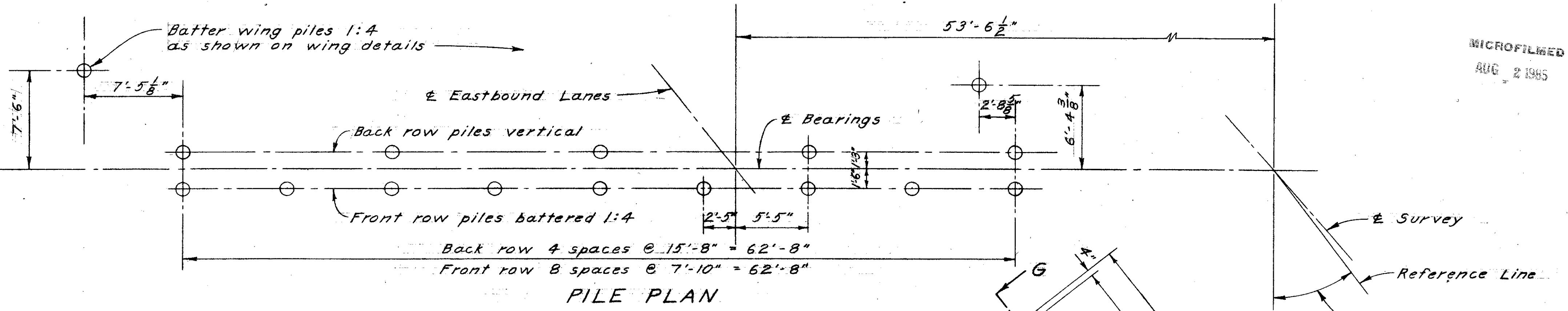
STATE OF OHIO
 DEPARTMENT OF HIGHWAYS
 DIVISION OF DESIGN AND CONSTRUCTION
 BUREAU OF BRIDGES

FED. RD. DIVISION	STATE	PROJECT	
2	OHIO		

273

MICROFILMED

HENRY COUNTY
HEN-6-11.73
HEN-24-9.61



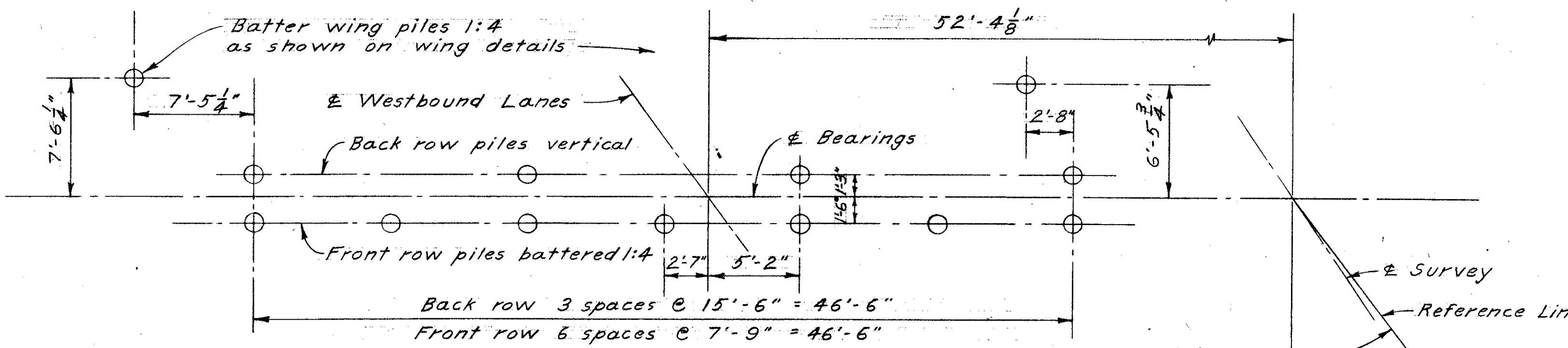
ELEVATION

STATE OF OHIO
DEPARTMENT OF HIGHWAYS
DIVISION OF DESIGN AND CONSTRUCTION
BUREAU OF BRIDGES

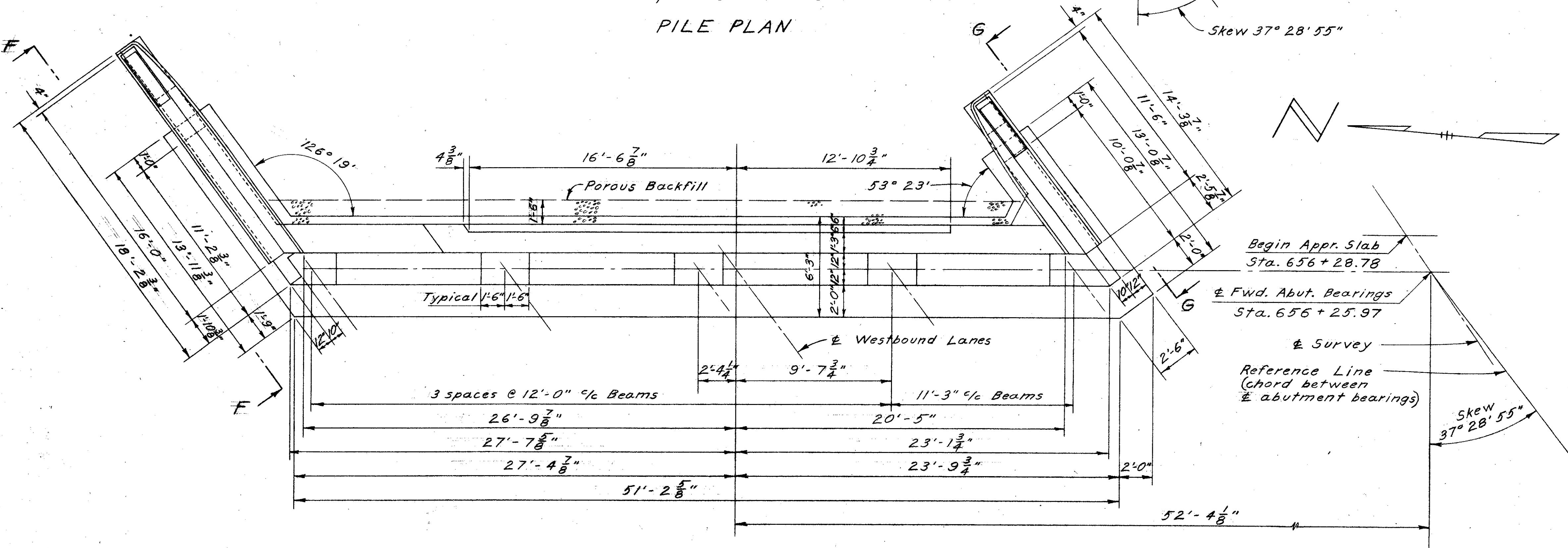
FED. RD. DIVISION	STATE	PROJECT	
2	OHIO		(274)

MICROFILMED
AUG 2 1983

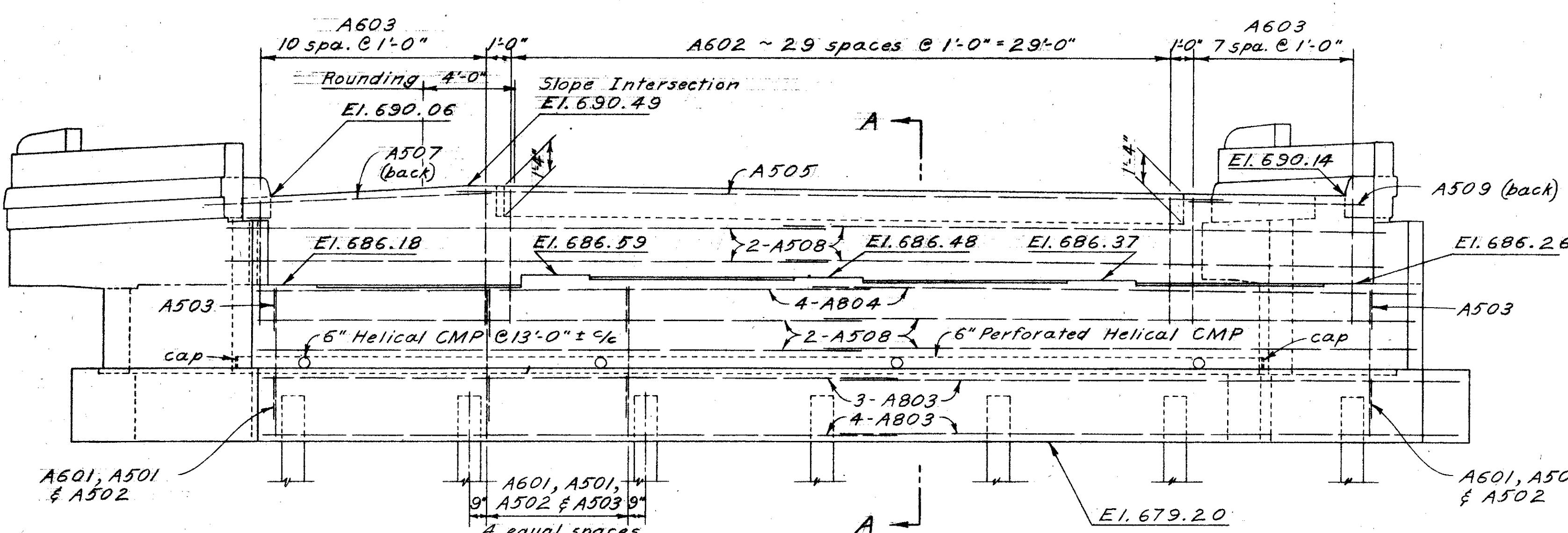
HENRY COUNTY
HEN-6-11.73
HEN-24-9.61



PILE PLAN



ABUTMENT PLAN



ELEVATION

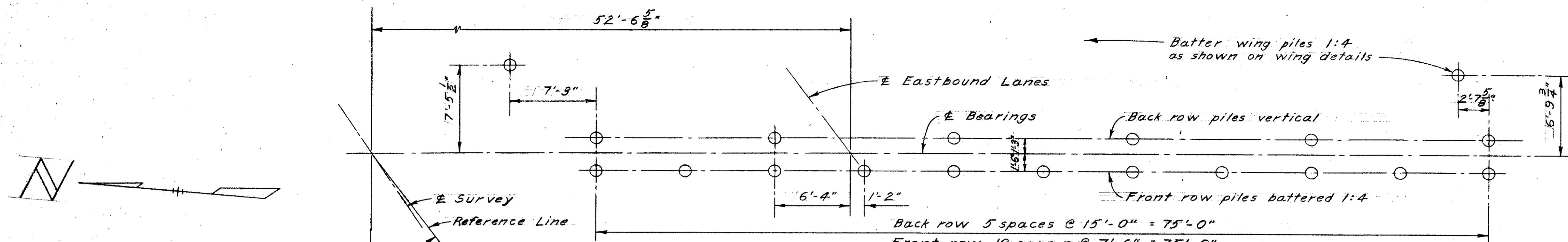
STATE OF OHIO DEPARTMENT OF HIGHWAYS DIVISION OF DESIGN AND CONSTRUCTION BUREAU OF BRIDGES					
FORWARD ABUTMENT WESTBOUND LANES BRIDGE NO. HEN-6-1279 L.F.R. OVER S.R. 108 HENRY COUNTY Sta. 654 + 85.61 Sta. 656 + 28.78					
DESIGNED FFE	DRAWN FFE	TRACED	CHECKED INDEXES Key	REVIEWED	DATE 5-21-65

FED. RD. DIVISION	STATE	PROJECT	
2	OHIO		

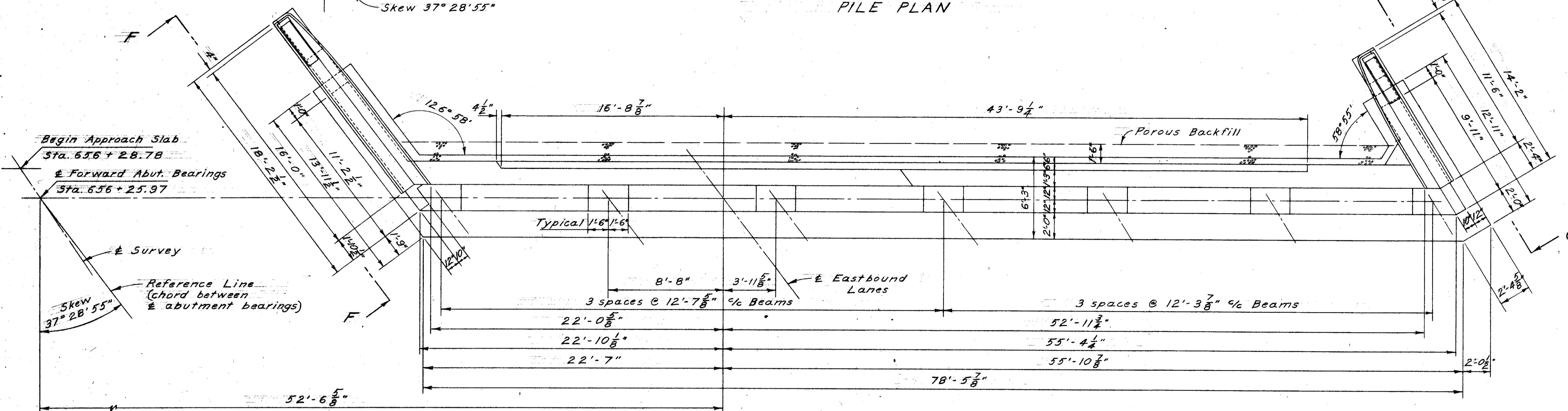
275

MICROFILMED
AUG 2 1969

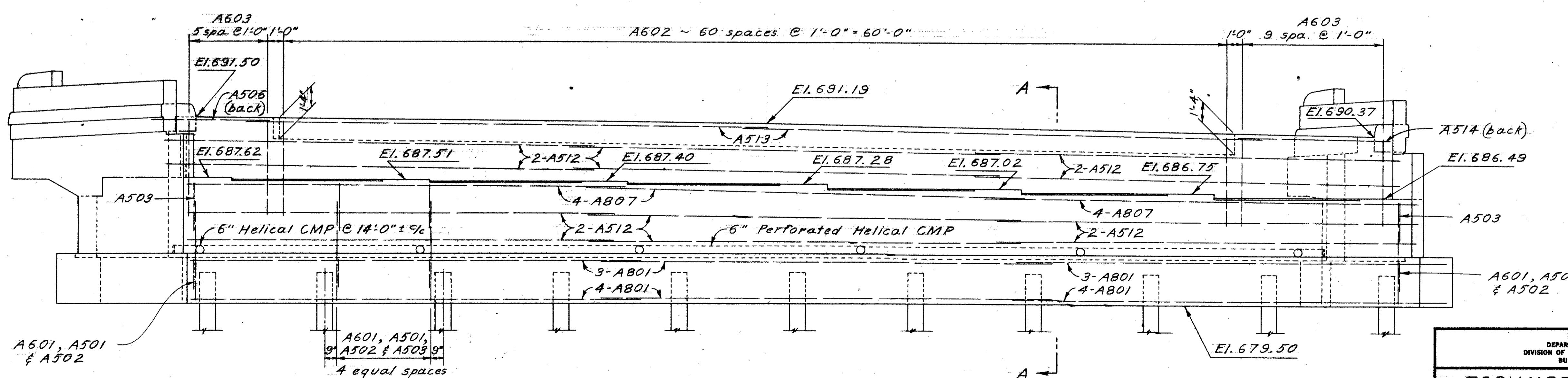
HENRY COUNTY
HEN-6-1173
HEN-24-961



PILE PLAN



ABUTMENT PLAN



ELEVATION

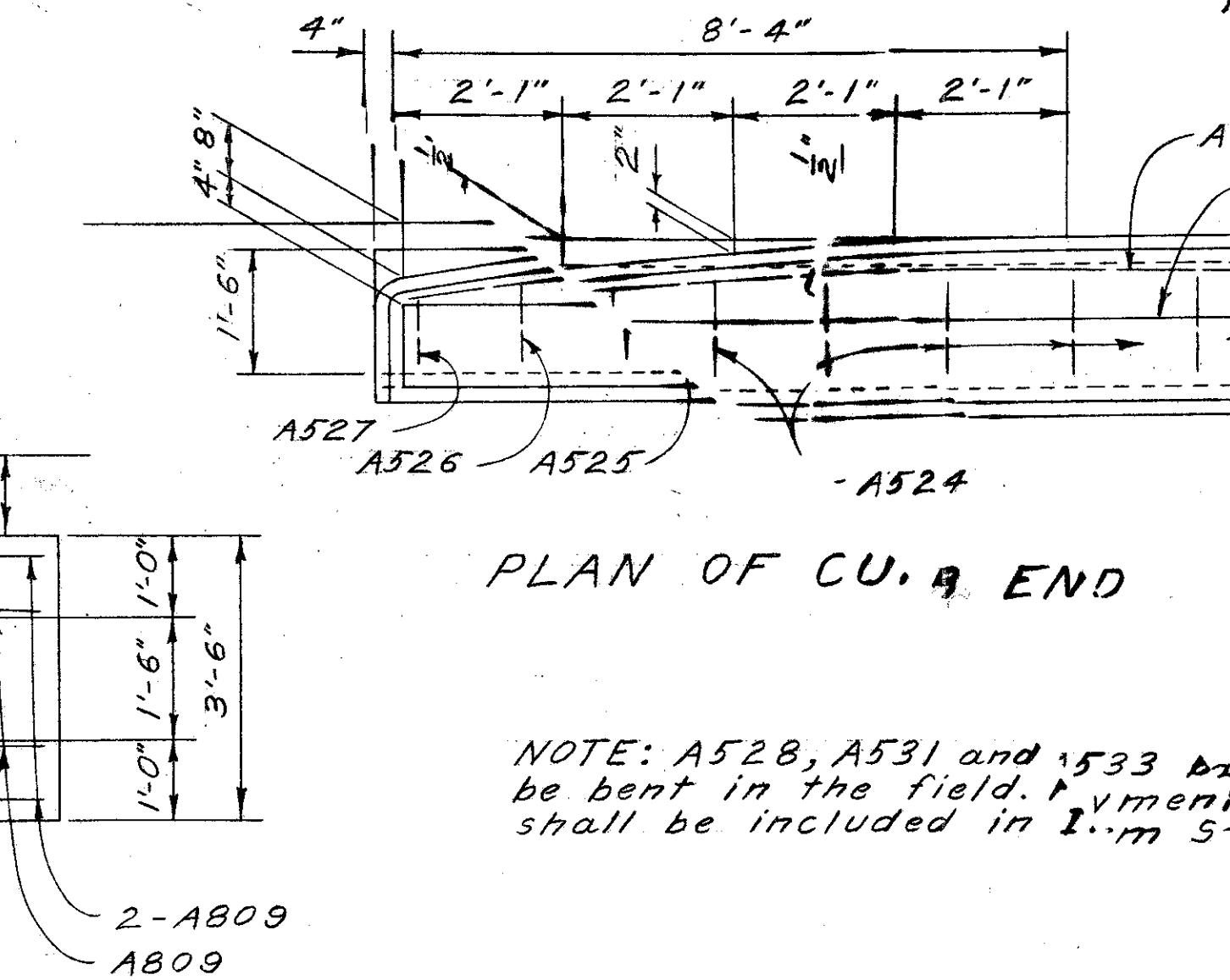
FORWARD ABUTMENT
EASTBOUND LANES
BRIDGE NO. HEN-6-1279 L&R
OVER S.R. 108
HENRY COUNTY Sta. 654 + 85.61

DESIGNED	DRAWN	TRACED ⁴	CHECKED INNES <i>Ren</i>	REVIEWED	DATE	REVISED
FFE	FFE			BFG	5-21-65	X

276

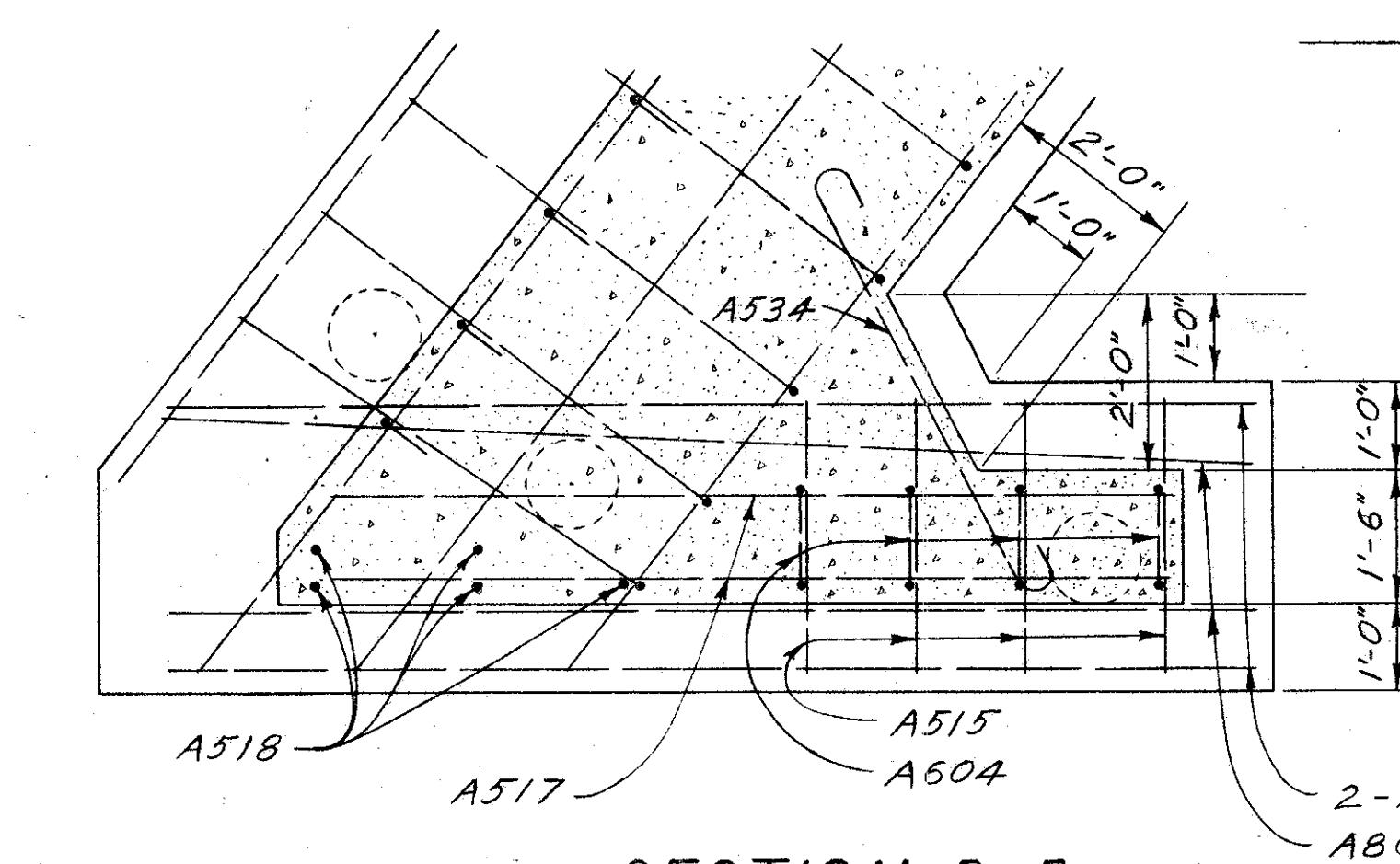
MICROFILMED

HENRY COUNTY
HEN-6-11.73
HEN-24-9.61

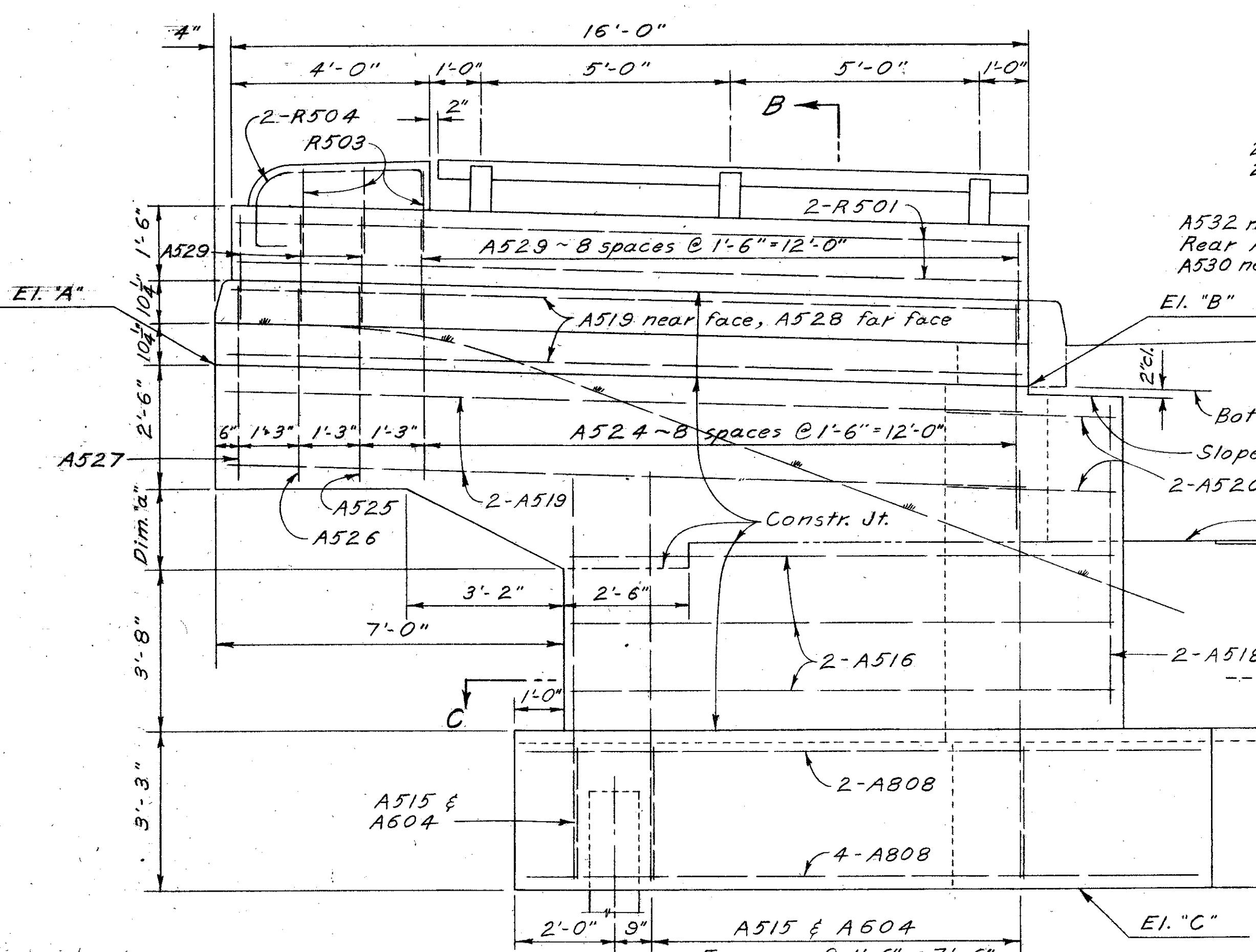


PLAN OF CU. A END

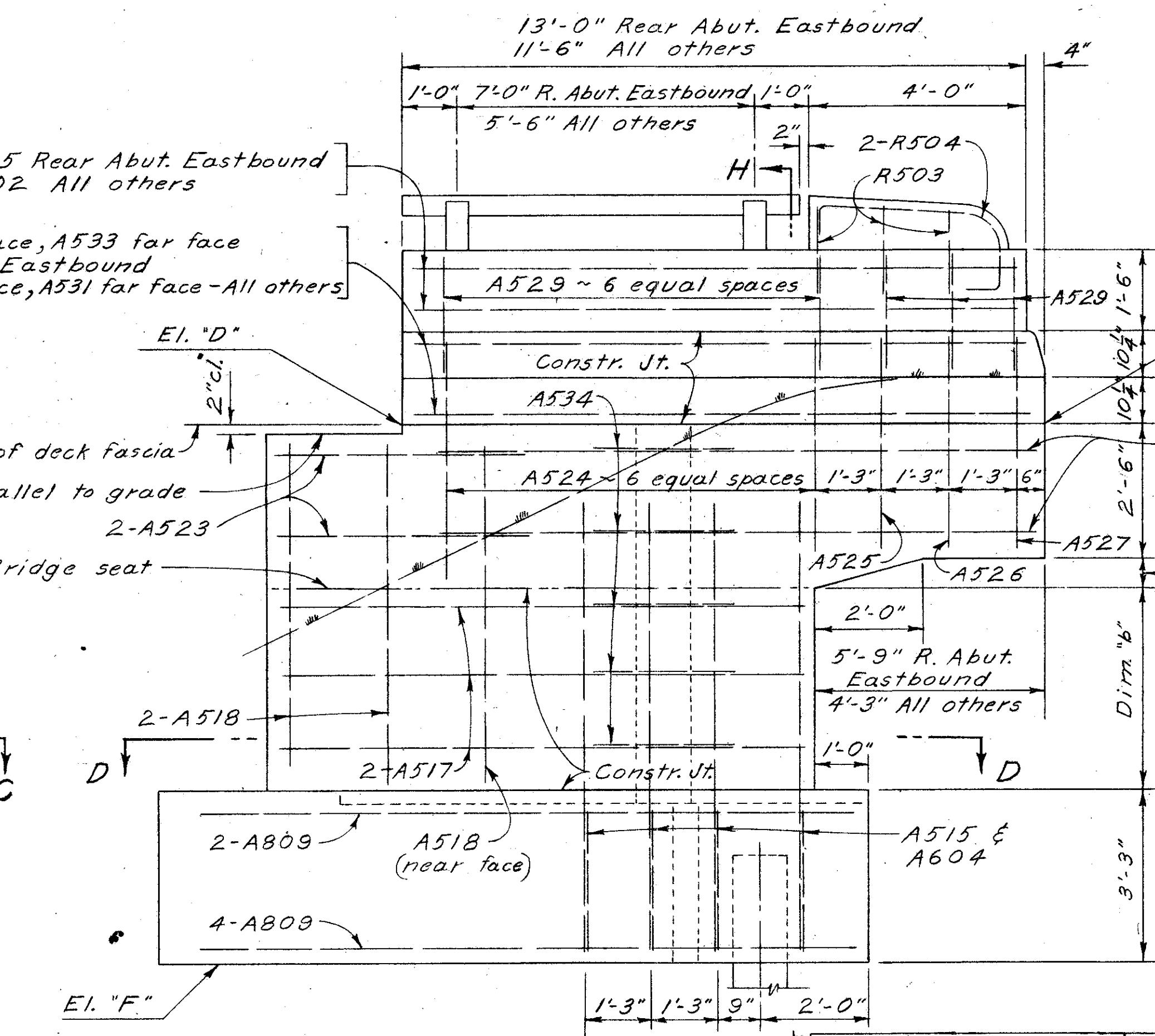
NOTE: A528, A531 and 1533 bars shall be bent in the field. Equipment for bending shall be included in Item S-4.



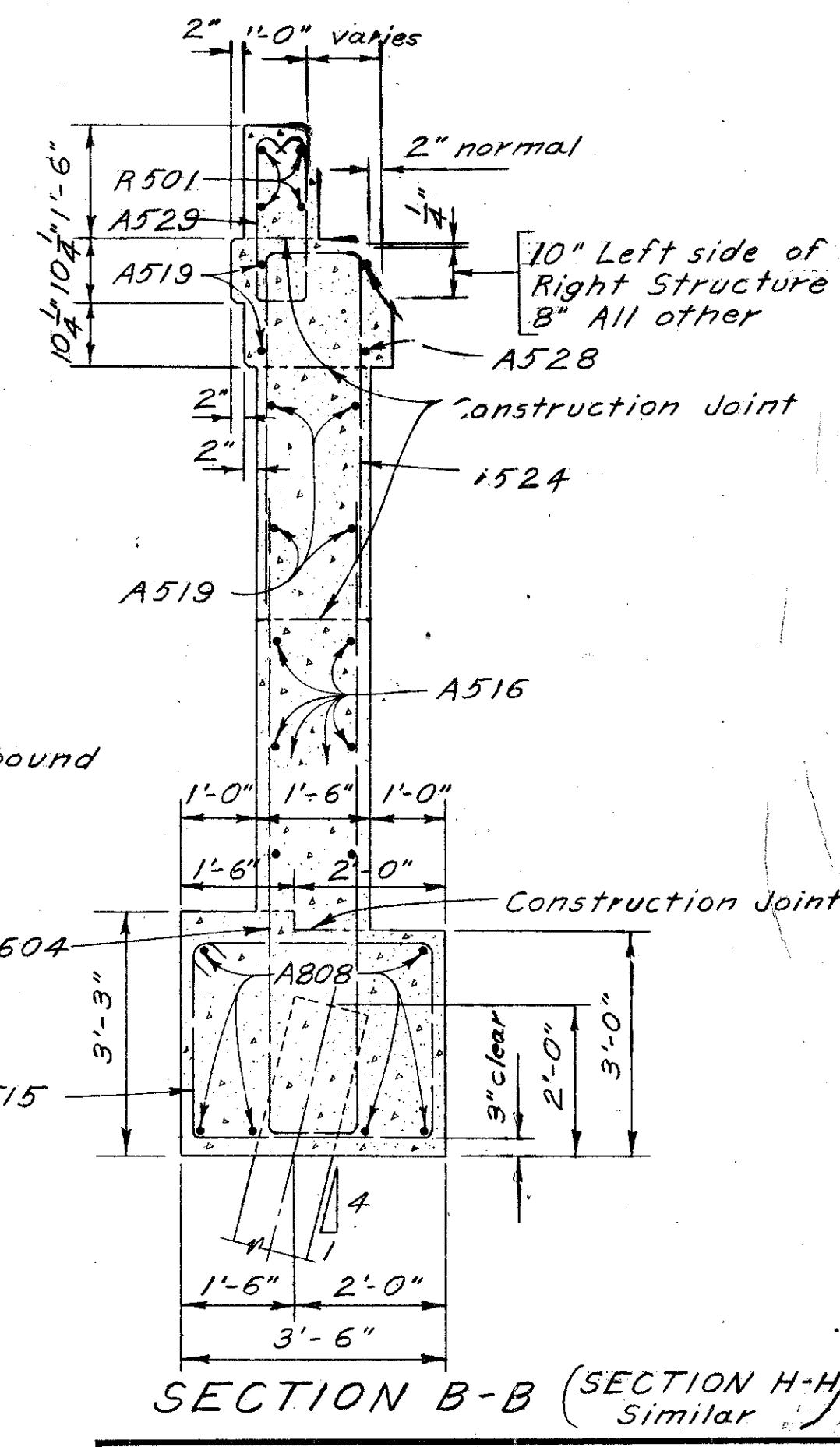
SECTION D-



VIEW F-



VIEW G



SECTION B-B (SECTION H-1
Similar)

	EI. "A"	EI. "B"	EI. "C"	Dim. "a"
Rear Abut. Eastbound	694.46	693.98	683.80	1'-2 $\frac{7}{8}$ "
Fwd. Abut. Eastbound	690.17	690.63	679.50	1'-3"
Rear Abut. Westbound	693.65	693.20	683.00	1'-2 $\frac{3}{4}$ "
Fwd. Abut. Westbound	688.73	689.18	679.20	1 $\frac{3}{8}$ "

	EI. "D"	EI. "E"	EI. "F"	Dim. "b"	Dim. "c"
Rear Abut. Eastbound	694.58	694.95	683.80	4'-5 $\frac{1}{8}$ "	11 $\frac{5}{8}$ "
Fwd. Abut. Eastbound	689.54	689.15	679.50	3'-8 $\frac{7}{8}$ "	1 $\frac{7}{8}$ "
Rear Abut. Westbound	693.04	693.37	683.00	3'-8 $\frac{1}{8}$ "	11 $\frac{1}{4}$ "
Fwd. Abut. Westbound	689.30	688.97	679.20	3'-9 $\frac{3}{4}$ "	2 $\frac{5}{8}$ "

ABUTMENT DETAILS

BRIDGE No. HEN-6-1279 L & R
OVER S.R. 108

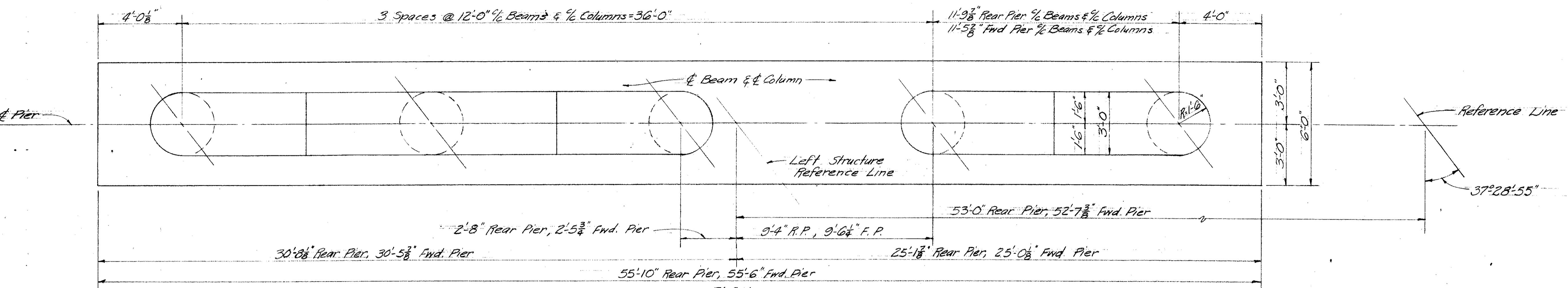
HENRY COUNTY Sta. 654 + 85.61
Sta. 656 + 28.78

DESIGNED	DRAWN	TRACED	CHECKED INNES <i>Ran</i>	REVIEWED	DATE	REVISED
FFE	FFE			BFG	5-21-65	

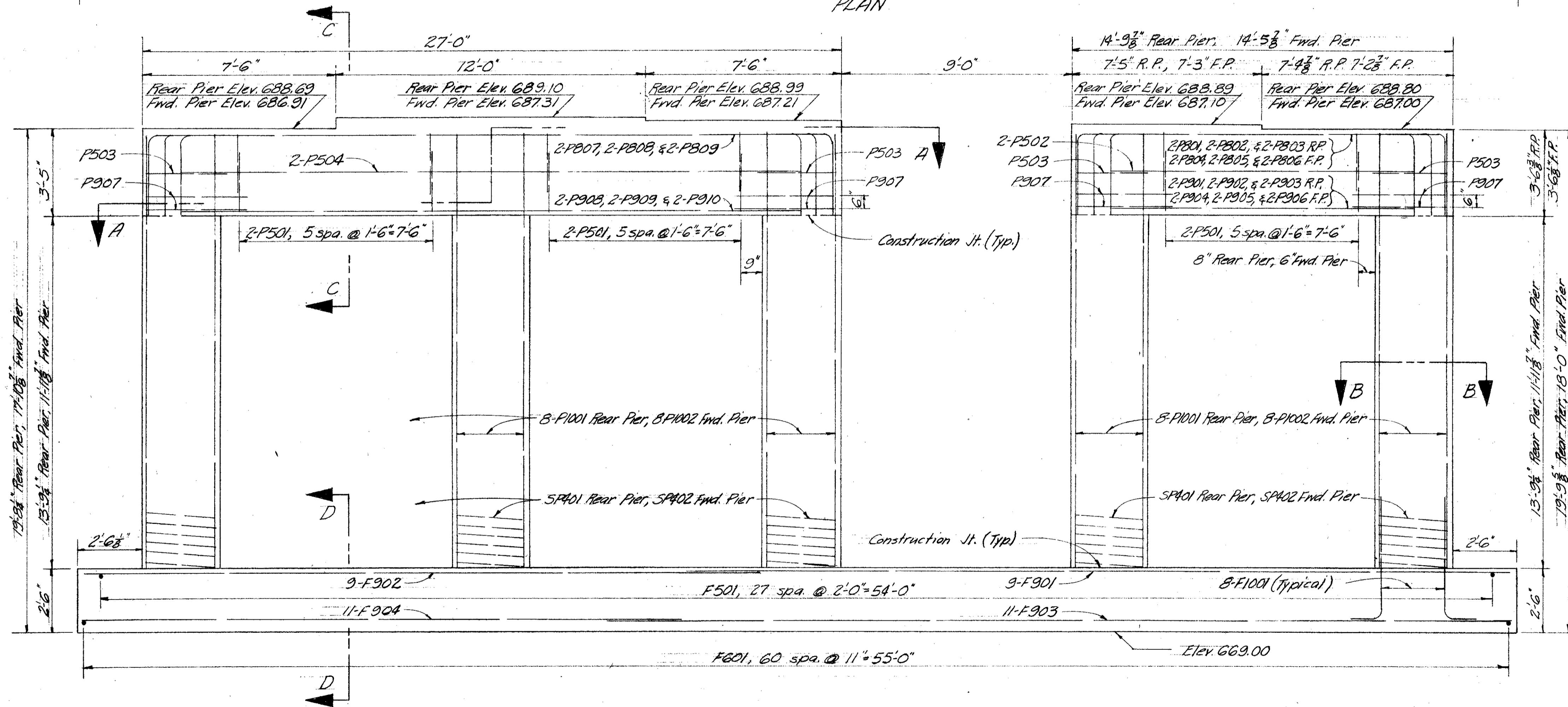
MICROFILMED

Aug 2 1986

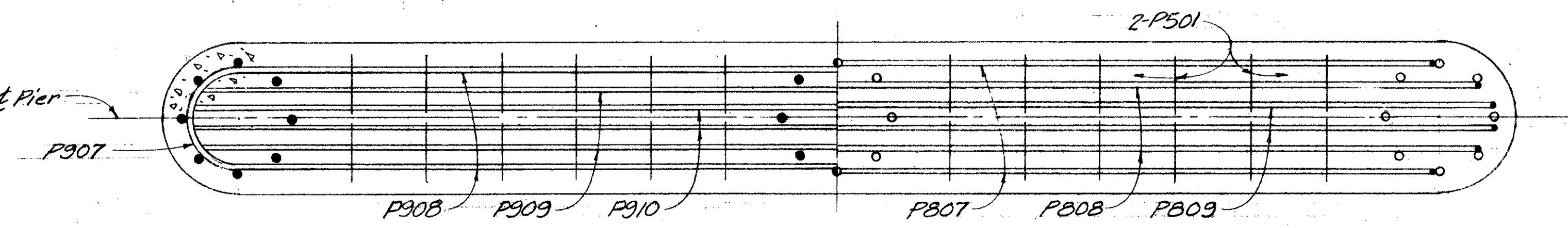
HENRY COUNTY
HEN-6-11.73
HEN-24-9.61



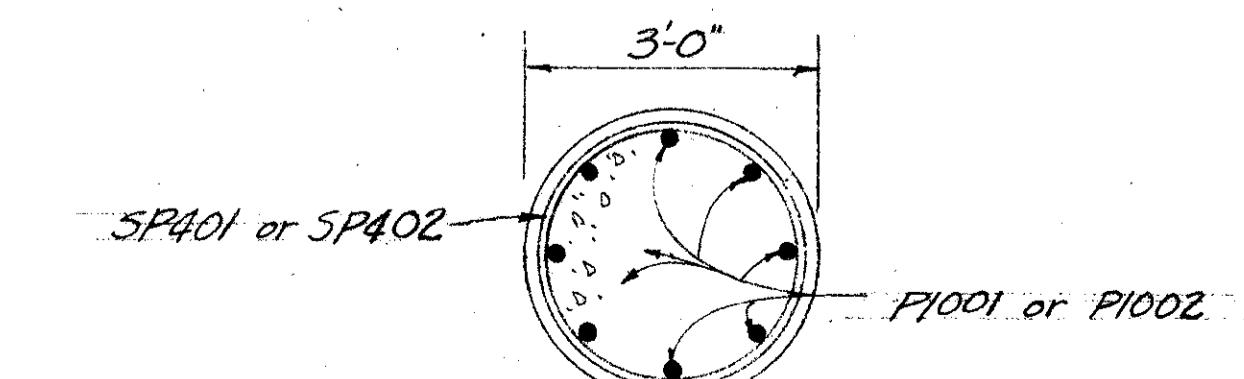
PLA



SECTION A



SECTION B-B



BRIDGE SEAT REINFORCING: Special care shall be taken in placing reinforcing steel in the vicinity of the bridge so as to avoid interference with the drilling of cor bar holes.

FOR GEOMETRICS SEE PLAN OF STEEL FRAMING

**STATE OF OHIO
DEPARTMENT OF HIGHWAYS
DIVISION OF DESIGN AND CONSTRUCTION
BUREAU OF BRIDGES**

PIER DETAILS
BRIDGE NO. HEN-6-1279 L
OVER SR 108

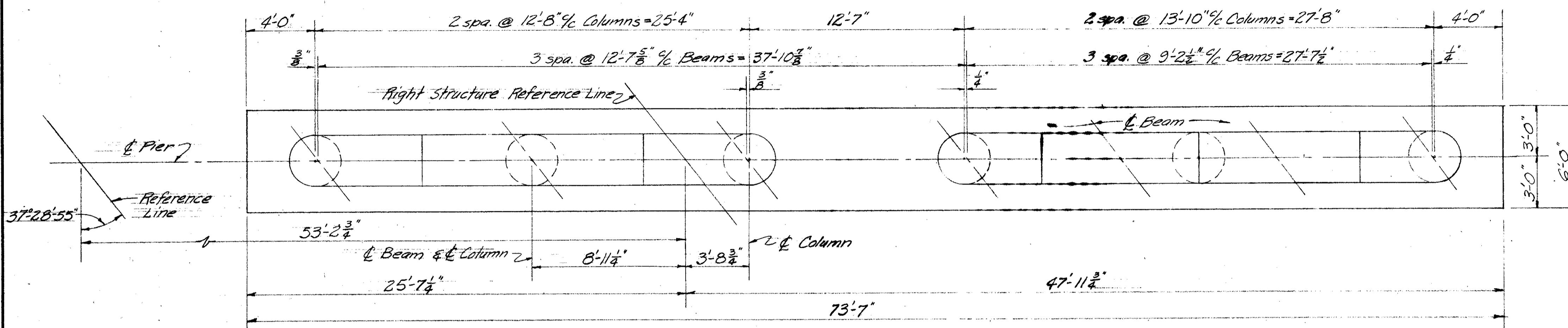
STA 654 + 85.6

HENRY COUNTY			STA 656+28.78			
SIGNED	DRAWN	TRACED	CHECKED	REVIEWED	DATE	REVISED
Z.D.	R.L.D.		INNES	BFG	5-21-65	

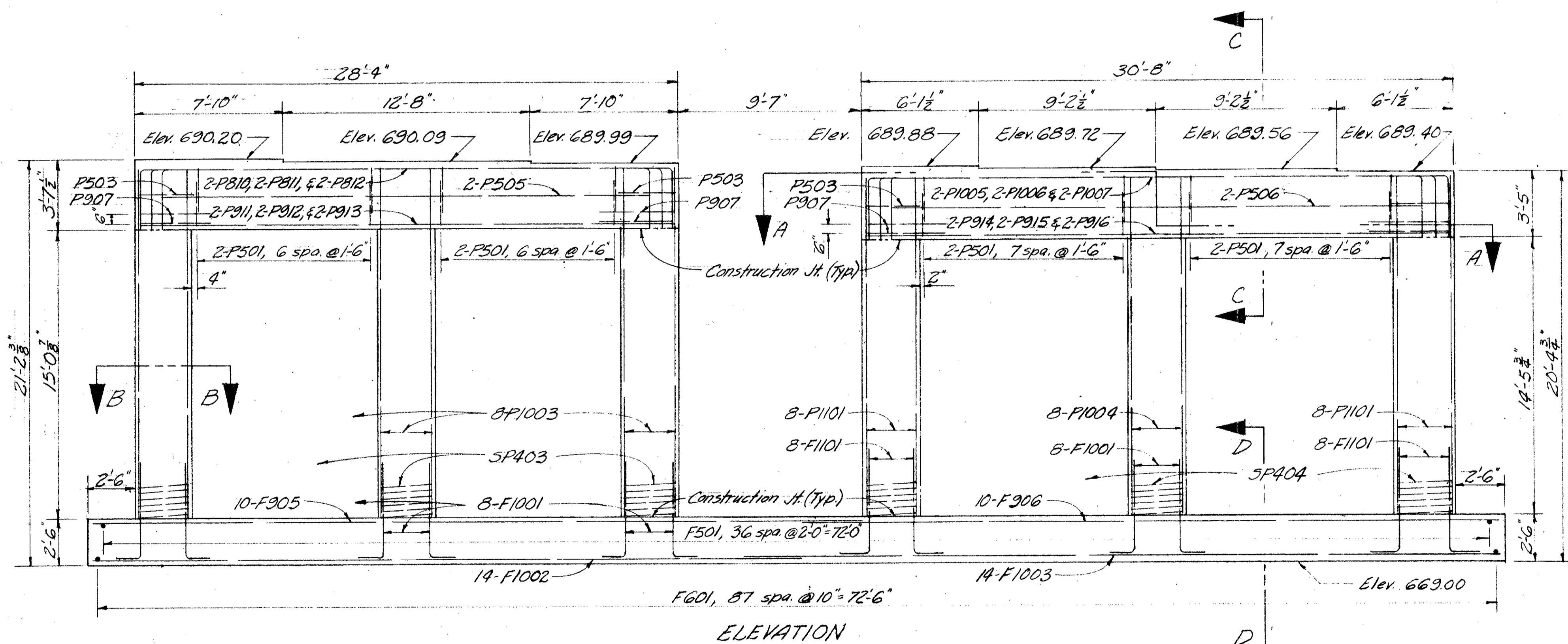
MICROFILMED
AUG 4 1985

FED. RD. DIVISION	STATE	PROJECT	
2	OHIO		

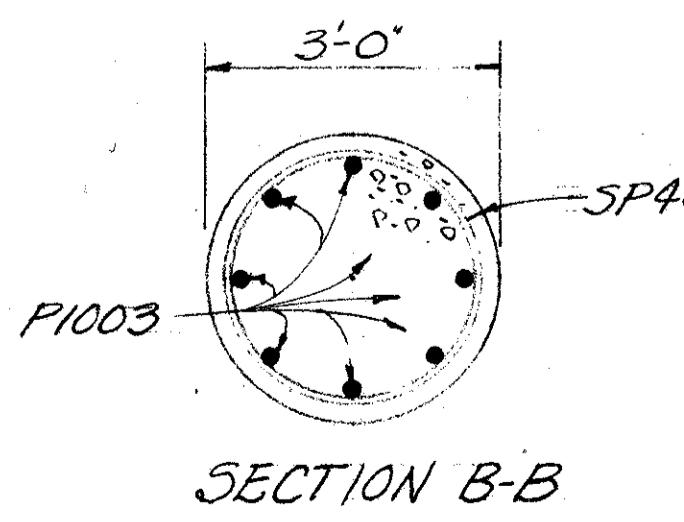
HENRY COUNTY
HEN-6-1173
HEN- 24- 961



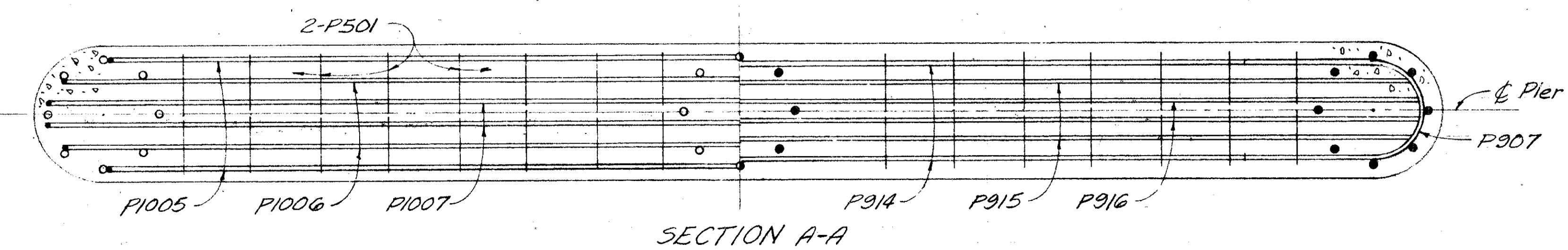
PLA



ELEVATION



SECTION B-E



SECTION A-

FOR NOTES see PIER DETAILS, LEFT STRUCTURE

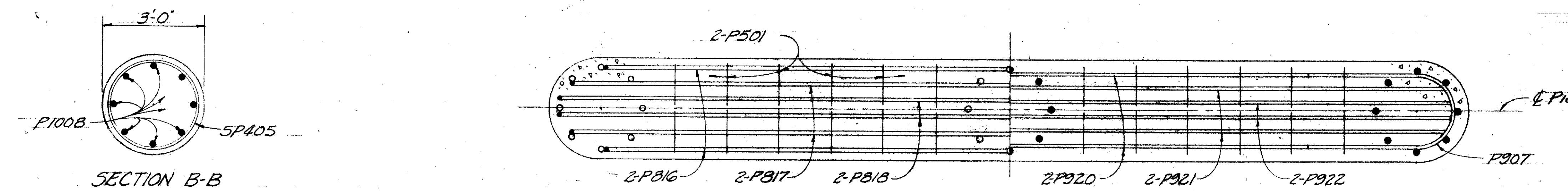
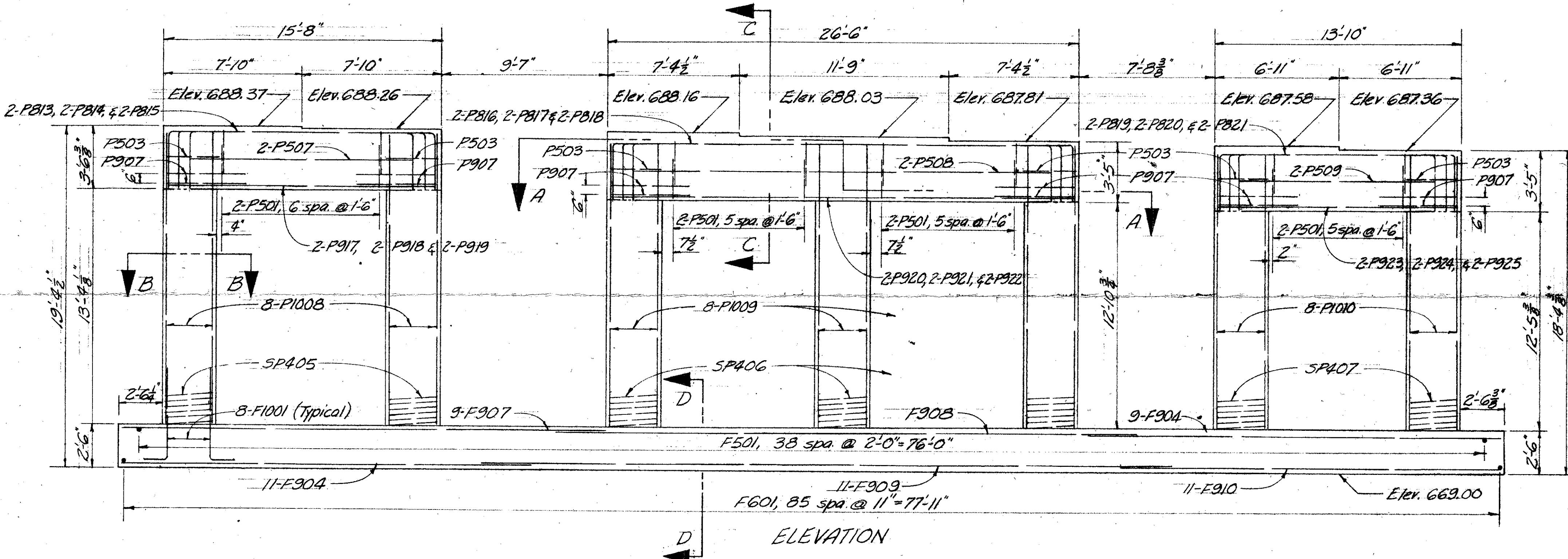
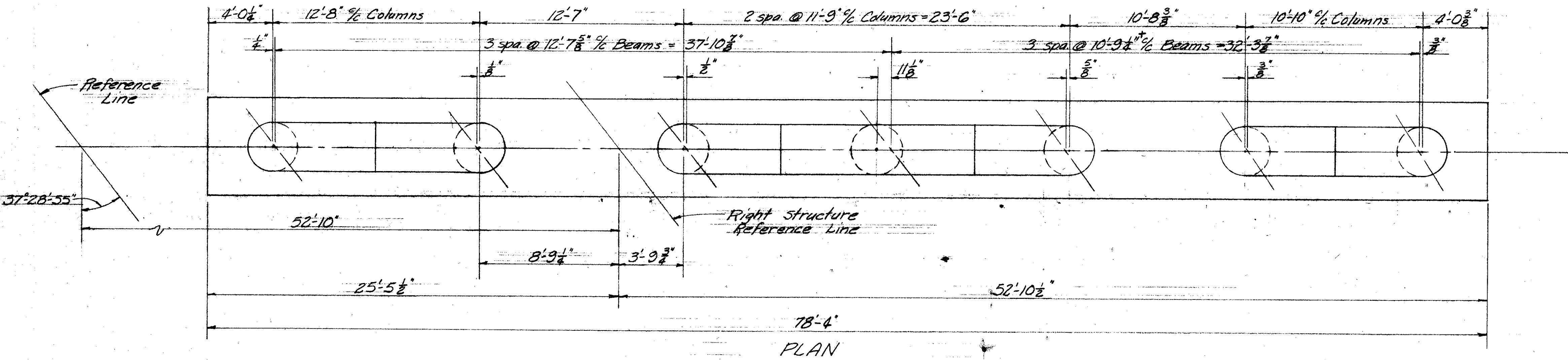
STATE OF OHIO
DEPARTMENT OF HIGHWAYS
DIVISION OF DESIGN AND CONSTRUCTION
BUREAU OF BRIDGES

HENRY COUNTY

STA. 654 + 85.61
STA. 656 + 28.78

DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED	DATE	REVISED
R.L.D.	R.L.D.		INNES	BFG	5-21-65	

HENRY COUNTY
HEN-6-1173
HEN-24-961



FOR NOTES SEE PIER DETAILS, LEFT STRUCTURE

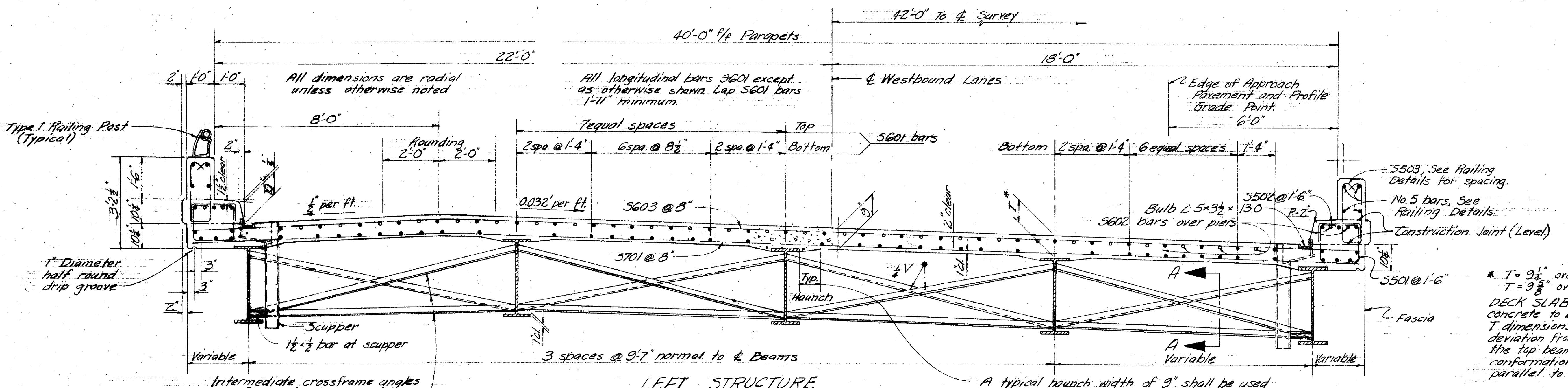
**STATE OF OHIO
DEPARTMENT OF HIGHWAYS
DIVISION OF DESIGN AND CONSTRUCTION
BUREAU OF BRIDGES**

FORWARD PIER DETAILS
BRIDGE NO. HEN-6-1279R
OVER SR 108

HENRY COUNTY STA. 654+85.61
STA. 656+28.78

DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED	DATE	REVISE
PLO	PLO	-	INNES	BFG	5-21-65	

HENRY COUNTY
HEN-6-11.73
HEN- 24- 9.61

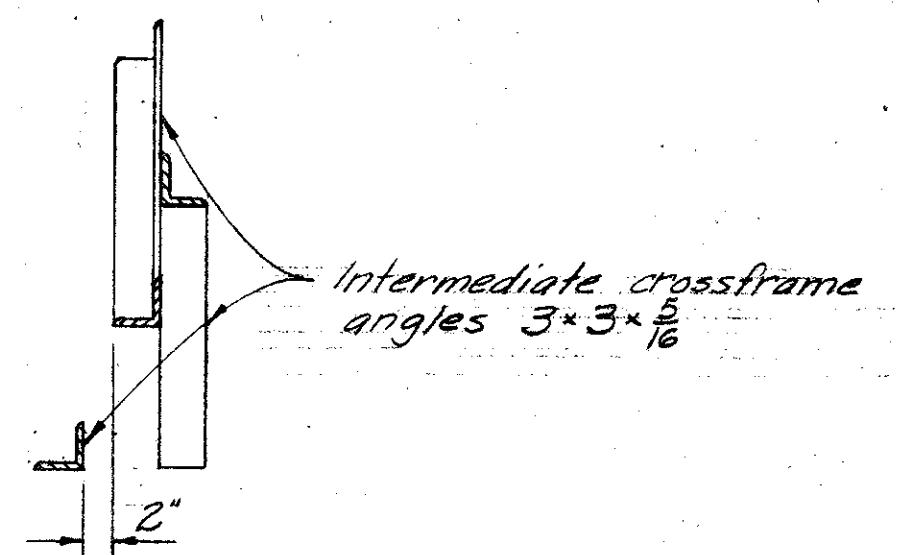


A typical haunch width of 9" shall be used for computing quantity of concrete. However, the haunch may vary between 6" and 12" provided that the slope shall be not more than 1:4 for a haunch less than 9" in width.

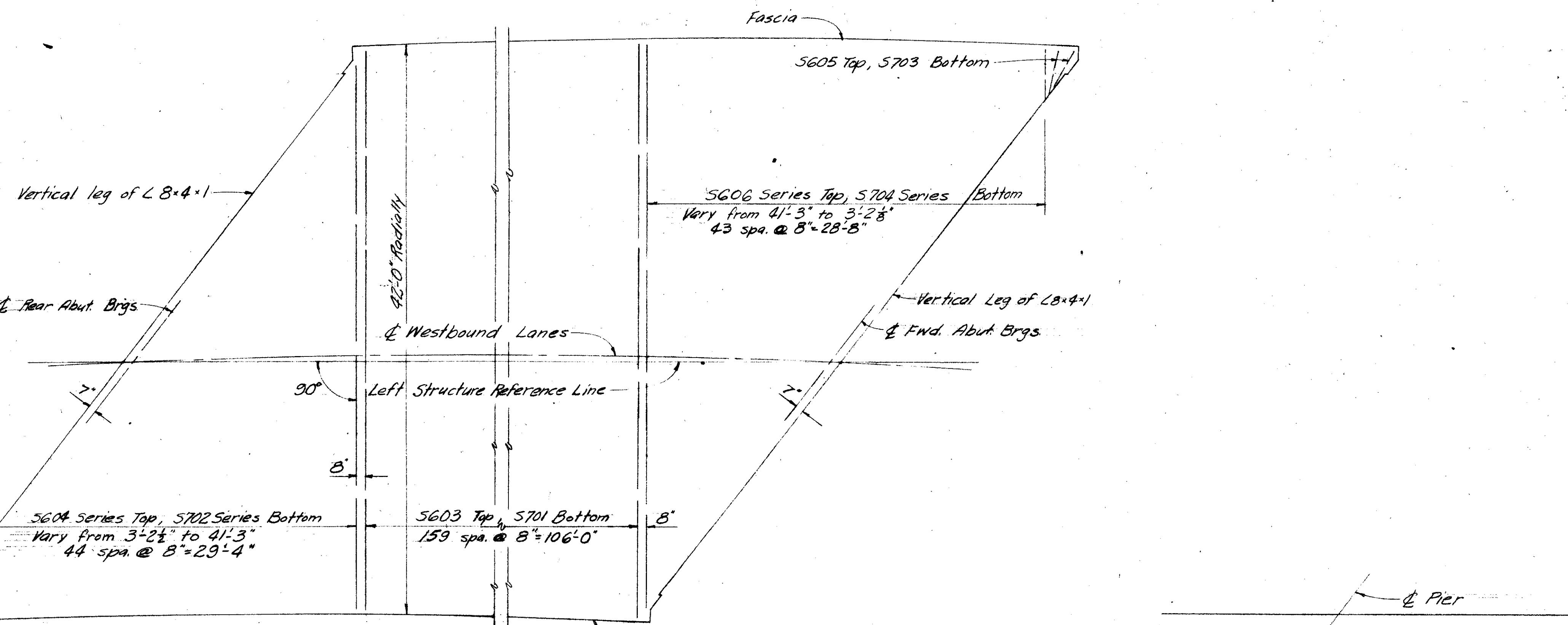
* $T = 9\frac{1}{4}''$ over 33 WF152 Beams
 $T = 9\frac{5}{8}''$ over 33 WF118 Beams

DECK SLAB DEPTH: The quantity of deck concrete to be paid for shall be based on T dimensions as given above even though deviation from them may be necessary because the top beam flanges may not have the exact conformation required to place them parallel to the finished grade.

DECK SLAB THICKNESS shown includes
1" for monolithic wearing surface.



SECTION A-A



LEFT STRUCTURE TRANSVERSE SLAB REINFORCEMENT

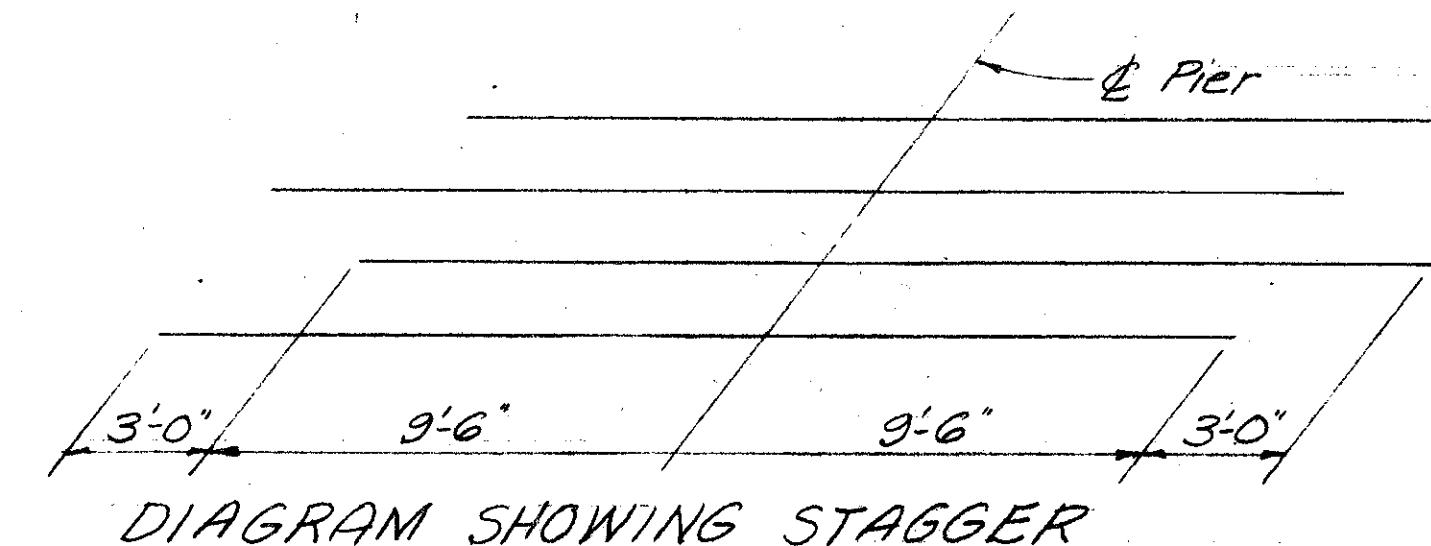


DIAGRAM SHOWING STAGGER
OF 5602 BARS OVER PIERS

STATE OF OHIO
DEPARTMENT OF HIGHWAYS
DIVISION OF DESIGN AND CONSTRUCTION
BUREAU OF BRIDGES

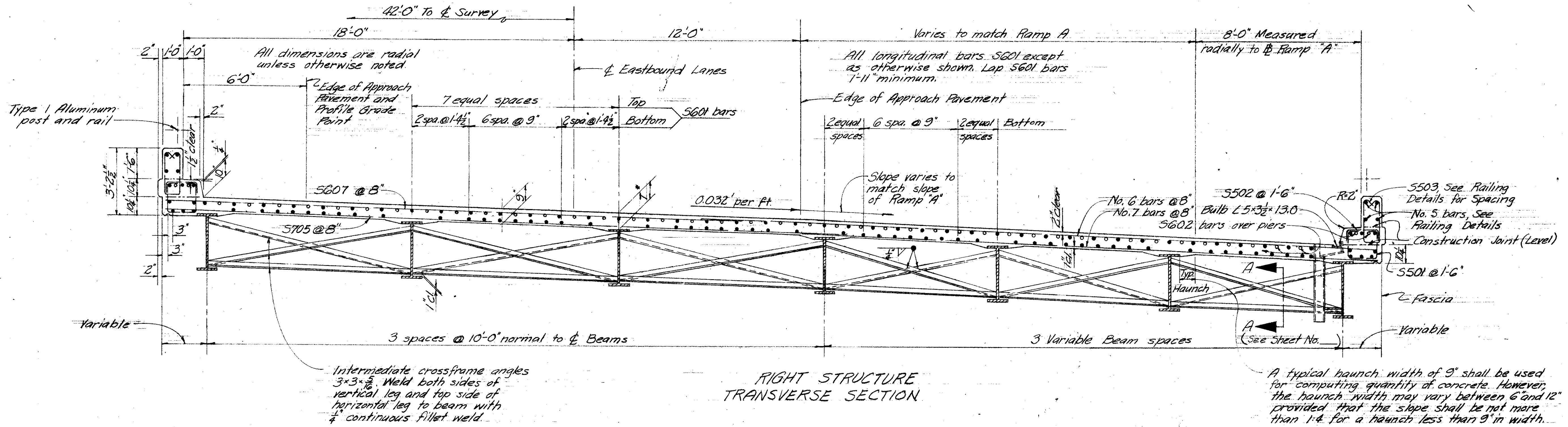
**SUPERSTRUCTURE DETAILS
BRIDGE NO HEN-6-1279 L&R
OVER SR108**

HENRY COUNTY

STA. 654+85.61
STA. 656+28.78

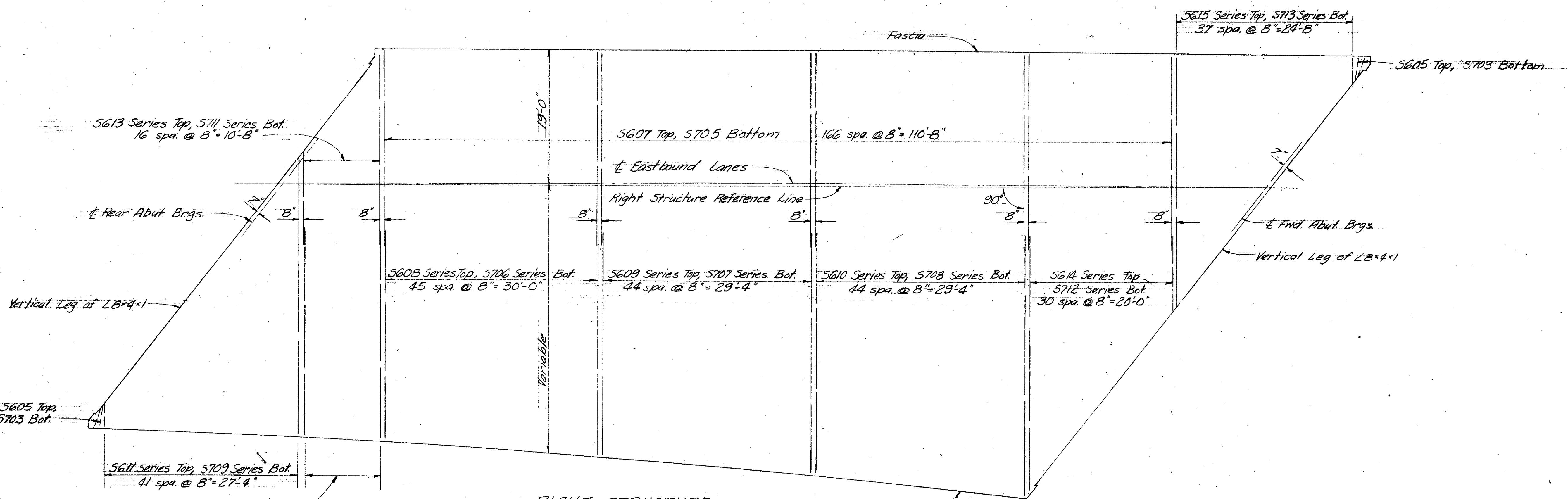
DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED	DATE	REVISED
R.L.D.	R.L.D.		INNES	BFG	5-21-65	

HENRY COUNTY
HEN-6-11.73
HEN-24-9.61



DECK SLAB DEPTH: The quantity of deck concrete to be paid for shall be based on T dimensions as given above even though deviation from them may be necessary because the top beam flanges may not have the exact conformation required to place them parallel to the finished grade.

DECK SLAB THICKNESS shown
includes 1" for monolithic
wearing surface



RIGHT STRUCTURE TRANSVERSE SLAB REINFORCEMENT

STATE OF OHIO
DEPARTMENT OF HIGHWAYS
DIVISION OF DESIGN AND CONSTRUCTION
BUREAU OF BRIDGES

SUPERSTRUCTURE DETAILS

**BRIDGE NO. HEN-6-1279 L&R
OVER SR 108**

HENRY COUNTY

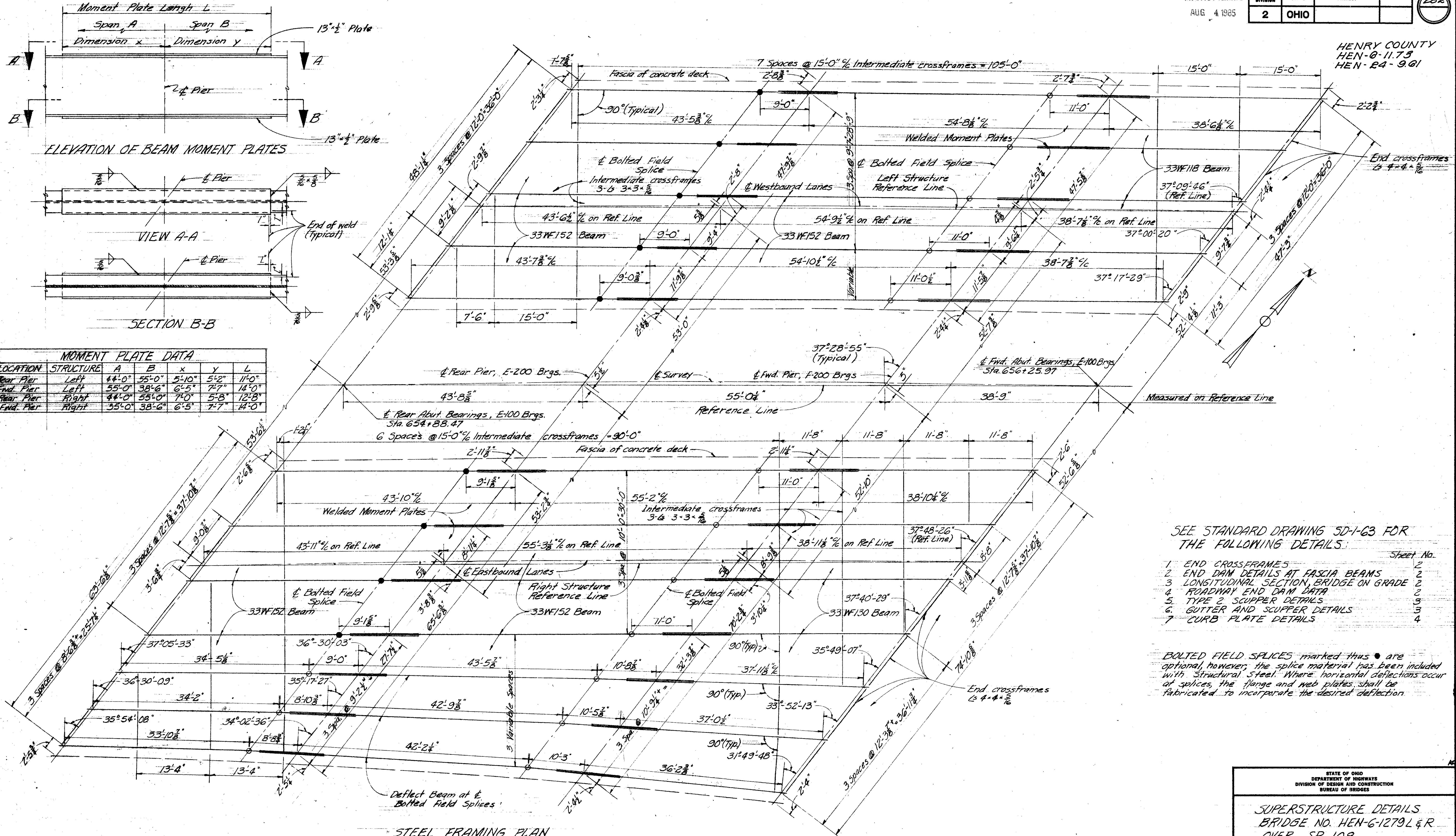
STA. 654 +85.61

STA. 656 +28.78

DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED	DATE	REVISE
R.L.D.	R.L.D.		INNES	BFG	5-21-65	

32

HENRY COUNTY
EN-8-1173
EN-24-961



SEE STANDARD DRAWING SD-1-63 FOR
THE FOLLOWING DETAILS:

- | | SHEET NO. |
|--|-----------|
| 1. END CROSSFRAMES | 2 |
| 2. END DAM DETAILS AT FASCIA BEAMS | 2 |
| 3. LONGITUDINAL SECTION, BRIDGE ON GRADE | 2 |
| 4. ROADWAY END DAM DATA | 2 |
| 5. TYPE 2 SCUPPER DETAILS | 3 |
| 6. GUTTER AND SCUPPER DETAILS | 3 |
| 7. CURB PLATE DETAILS | 4 |

BOLTED FIELD SPLICES marked thus • are optional, however, the splice material has been included with structural steel. Where horizontal deflections occur at splices, the flange and web plates shall be fabricated to incorporate the desired deflection.

**STATE OF OHIO
DEPARTMENT OF HIGHWAYS
DIVISION OF DESIGN AND CONSTRUCTION
BUREAU OF BRIDGES**

SUPERSTRUCTURE DETAILS
BRIDGE NO. HEN-6-1279 L & R
OVER SR 108

HENRY COUNTY				STA. 654+85.61		STA. 656+28.78	
DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED	DATE	REVISED	
R.L.D.	R.L.D.		INNES	BFG	5-21-65		

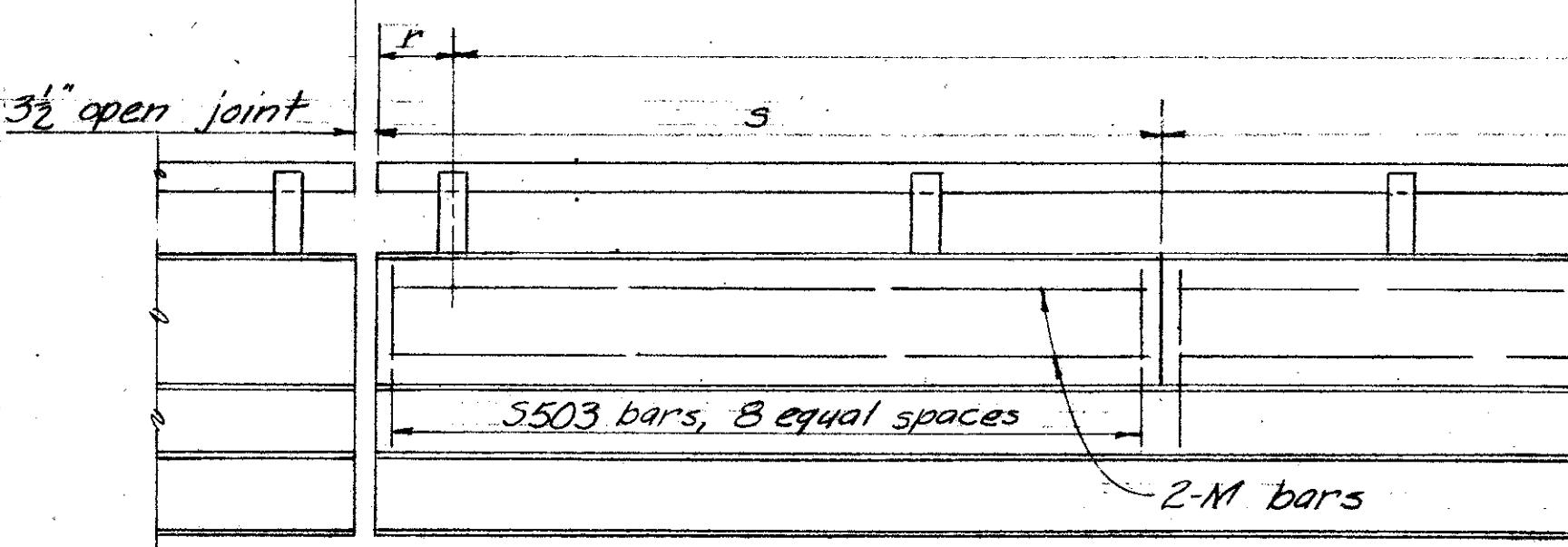
FED. RD.
DIVISION
2
STATE
OHIO

PROJECT
285

MICROFILMED
AUG 4 1985

HENRY COUNTY
HEN-6-11.73
HEN-24-9.61

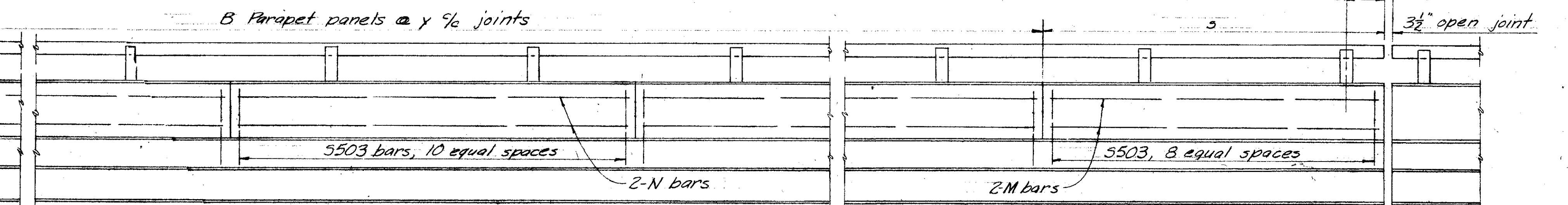
Railing on abutment Railing on superstructure



RAILING DATA										
	L	A	X	B	Y	R	S	M bars	N bars	
Left Structure	Left Railing	139'-1 $\frac{1}{2}$ "	19	7'2"	8	14'-4"	1'-2 $\frac{1}{2}$ "	11'-11 $\frac{1}{2}$ "	R506	R508
	Right Railing	139'-8 $\frac{1}{2}$ "	19	7'2 $\frac{1}{2}$ "	8	14'-5"	1'-0 $\frac{1}{2}$ "	11'-10 $\frac{1}{2}$ "	R506	R508
Right Structure	Left Railing	140'-4 $\frac{1}{2}$ "	19	7'3"	8	14'-6"	1'-0 $\frac{1}{2}$ "	11'-10 $\frac{1}{2}$ "	R506	R508
	Right Railing	133'-8 $\frac{1}{2}$ "	17	7'8 $\frac{1}{2}$ "	7	15'-5"	1'-0 $\frac{1}{2}$ "	12'-7 $\frac{1}{2}$ "	R507	R509

L (Measured along inside face of parapet)

A Railing panels @ x 1/6 posts.

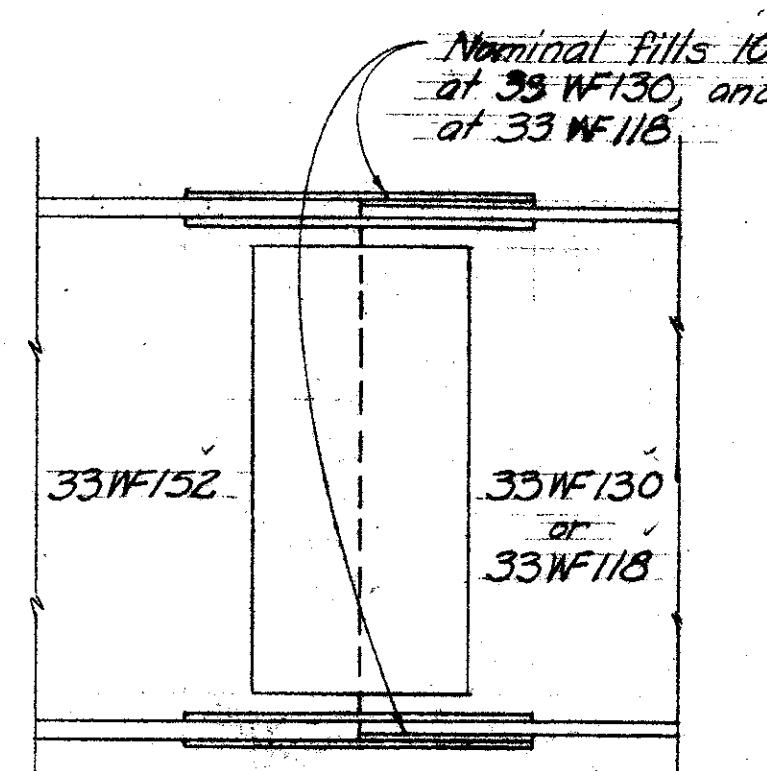


RAILING ELEVATION

(For additional details see Standard Drawing BR-1-65)

DEFLECTION AND CAMBER										
	SPAN NO. 1			SPAN NO. 2			SPAN NO. 3			
	1/4 Point	Center Point	Splice Point	1/4 Point	Center Point	Splice Point	1/4 Point	Center Point	3/4 Point	
Deflection due to weight of steel	0	0	0	0	0	0	0	0	0	
Deflection due to remaining dead load	1/8"	1/8"	0	1/8"	1/8"	0	1/8"	1/8"	1/8"	
No camber required										

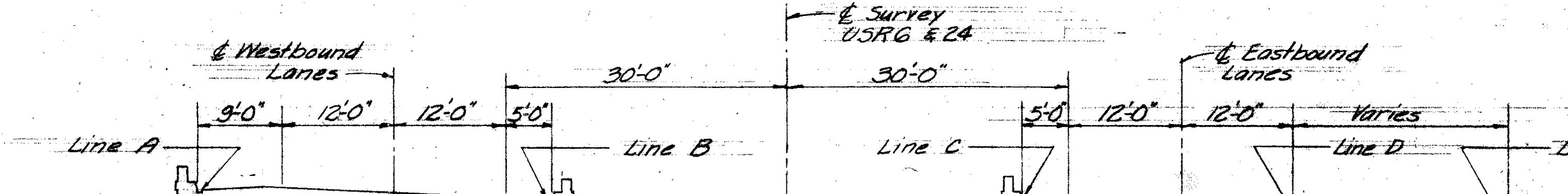
LINE	Span No. 1			Span No. 2			Span No. 3			Center Point 2
	1/4 Rear Abut. Brgs. 2	Center Point	1/4 Rear Pier 2	1/4 Point 2	Center Point 2	3/4 Point 2	1/4 End Pier 2	Center Point 2	1/4 End Abut. Brgs. 2	
A	E Survey Station	693.89 655+37.29	693.30 655+58.91	692.68 655+80.53	692.31 655+94.04	691.94 656+07.56	691.56 656+21.07	691.17 656+34.59	690.65 656+53.51	690.11 656+72.44
B	E Survey Station	694.01 655+08.01	693.41 655+29.86	692.79 655+51.70	692.41 655+65.36	692.04 655+79.01	691.65 655+92.67	691.26 656+06.32	690.73 656+23.44	690.18 656+44.56
C	E Survey Station	693.42 654+08.70	694.81 654+30.86	694.18 655+13.02	693.80 655+26.86	693.42 655+40.11	693.02 655+54.55	692.62 655+68.40	692.09 655+87.78	691.54 656+07.17
D	E Survey Station	695.14 654+45.49	694.52 654+67.83	693.89 654+90.17	693.51 655+10.03	693.13 655+18.09	692.72 655+32.05	692.32 655+46.01	691.79 655+65.55	691.23 655+85.09
E	E Ramp A Station	694.78 654+28.15	694.13 654+49.57	693.40 654+70.99	692.97 654+84.16	692.53 654+97.33	692.08 655+10.50	691.63 655+23.67	691.03 655+41.86	690.43 655+60.05



NOMINAL FILLS FOR BOLTED FILL SPLICES

For additional details see Standard Drawing SD-2-64

Bulb angle gutter elevations shown here



BULB ANGLE GUTTER,
AND PAVEMENT ELEVATIONS
PRIOR TO PLACING
DECK CONCRETE

STATE OF OHIO DEPARTMENT OF HIGHWAYS DIVISION OF DESIGN AND CONSTRUCTION BUREAU OF BRIDGES										
SUPERSTRUCTURE AND RAILING DETAILS BRIDGE NO. HEN-6-1279 L&R OVER SR108										
HENRY COUNTY										
STA 654+85.61	STA 656+28.78									
DESIGNED BY	DRAWN BY	TRACED BY	CHECKED BY	REVIEWED BY	DATE	REVISED BY				
R.L.D.	B.L.D.		Ray	BFG	5-21-65					