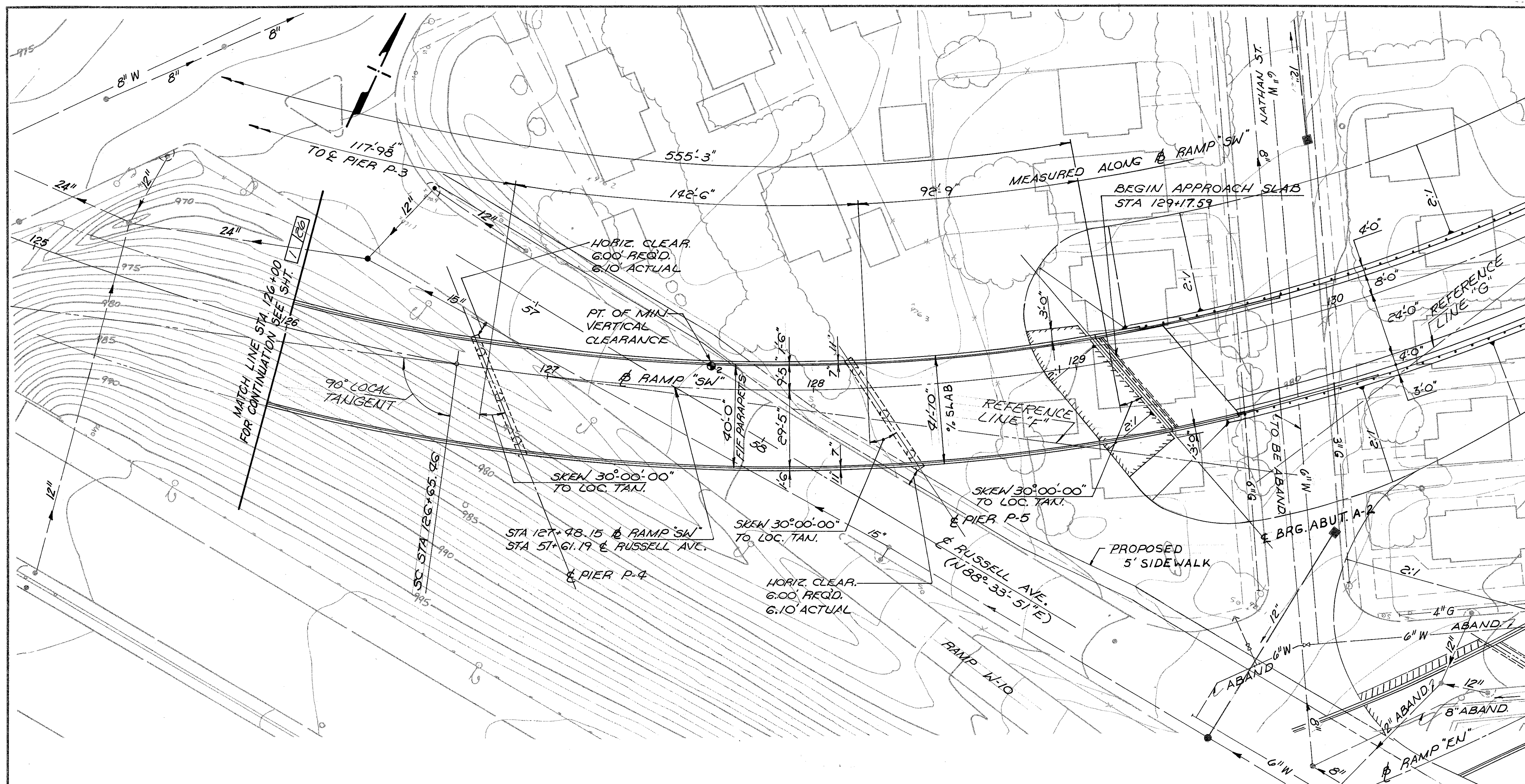


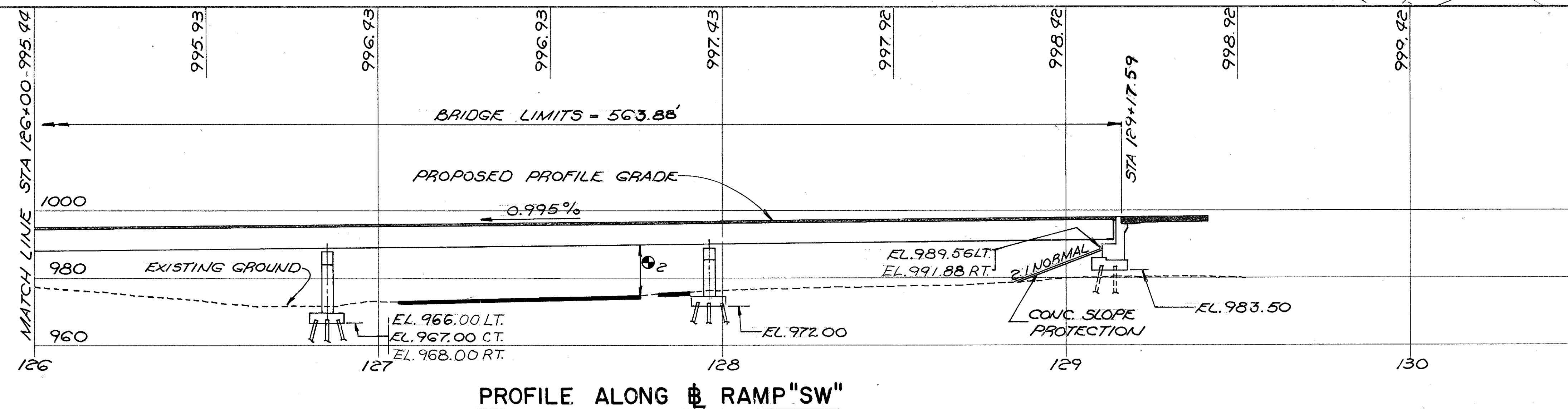
F.H.W.A. REG.	STATE	PROJECT
5	OHIO	

319
455

AKRON INNERBELT
SUM - 59 - 0.00



2 VERTICAL CLEARANCE
15.33' REQ'D, 15.34' ACTUAL.



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CLEVELAND - OHIO AKRON - OHIO

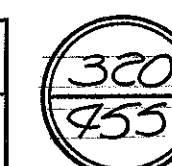
SITE PLAN

AKRON INNERBELT OVER
RELOCATED DART AVE. & RUSSELL AVE.

BR. NO. SUM-59-0002
AKRON OHIO SUMMIT COUNTY
STA. 123 + 53.71 TO STA. 129 + 17.59

DESIGNED	DRAWN	TRACED	CHECKED	REVISOR	DATE	REVISION
H.K.II MSC	J.W.H.		R.J.P.	gdp	12-15-82	

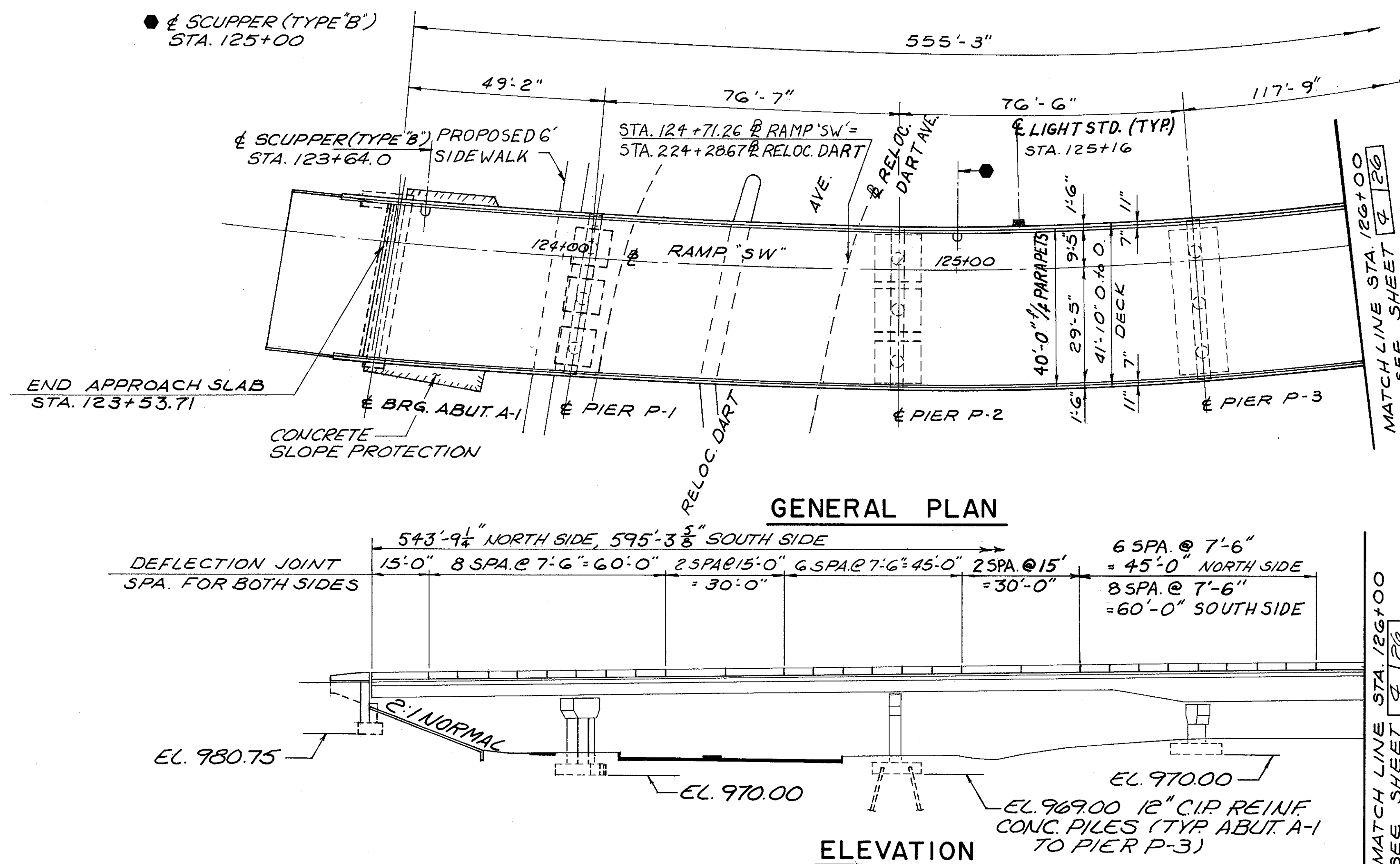
F.H.W.A. REG.	STATE	PROJECT
5	OHIO	



AKRON INNERBELT
SUM-59-0.00

NOTES

- ① FOR SCUPPER AND LIGHT SUPPORT DETAILS SEE SHEET 261/455



ESTIMATED QUANTITIES

ITEM	TOTAL	UNIT	DESCRIPTION	SUPER.	ABUT.	PIER	GEN'L.			ITEM	TOTAL	UNIT	DESCRIPTION	SUPER.	ABUT.	PIER	GEN'L.		
503	LUMP	LS	COFFERDAMS, CRIBS AND SHEETING				LUMP			513	35080	LB	STRUCTURAL STEEL (A-36) CURB PLATES, GALVANIZED (AISC CERT. NOT REQ'D)	35080					
503	1130	CY	UNCLASSIFIED EXCAVATION		297	833				513	7635	EA.	WELDED STUD SHEAR CONNECTORS (*)	7635					
505	LUMP	LS	PILE DRIVING EQUIPMENT MOBILIZATION				LUMP			515	19	SF	1" PREFORMED EXPN. JT. FILLER		19				
506	LUMP	LS	STATIC LOAD TEST (12" C.I.P.)				LUMP			518	79	CY	POROUS BACKFILL		79				
506	LUMP	LS	STATIC LOAD TEST (HP 12x53)				LUMP			518	46	LF	6" NON-PERF. HELICAL C.S.P. INCLUD. SPEC. 707.01		46				
507	60	LF	PREBORED HOLES, AS PER PLAN		60					518	80	LF	6" PERFORATED HELICAL C.S.P. 707.01		80				
507	5730	LF	12" DIA. C.I.P. REINF. CONCRETE PILES		1105	4625				518	2	EA.	SCUPPERS, INCLUDING SUPPORTS	2					
507	4185	LF	STEEL PILES, HP 12x53 (*)			4185				523	3	HR	DYNAMIC LOAD TEST (12" C.I.P.)				3		
507	1020	LF	STEEL PILES, HP 10x42		1020					523	3	HR	DYNAMIC LOAD TEST (HP 12x53)				3		
509	176822	LB	REINFORCING STEEL, GRADE 60	80806	14006	82010				601	318	SY	CONCRETE SLOPE PROTECTION		318				
824	138951	LB	EPOXY COATED REINF. STEEL GRADE 60	135857	3094	-				625			SEE LIGHTING SUMMARY SHEET						
511	728	CY	CLASS "S" CONCRETE, SUPERSTRUCTURE (*)	728						845	2457	SY	LATEX MODIFIED CONC. OVERLAY (1/4" THK.) (*)	2457					
511	147	CY	CLASS "C" CONCRETE, PIERS ABOVE FTGS.			147				516	35	EA.	SPHERICAL BEARINGS (***)		10	25			
511	140	CY	CLASS "C" CONCRETE, ABUTS. ABOVE FTGS.		140														
511	418	CY	CLASS "C" CONCRETE, FOOTINGS		79	339				SPEC.	1411	SY	SEALING OF CONCRETE SURFACES (*)	772	146	493			
512	4	SY	TYPE "B" WATERPROOFING		4					516	87	LF	MODULAR EXPN. JT. DEVICE (TYPE "B") (**)		87				
513	720560	LB	STRUCTURAL STEEL, A-588 (AISC CATEGORY III)	720560															

- (*) SEE PROPOSAL NOTE
(**) AS PER PLAN
(***) SEE SPECIAL PROVISIONS

QUANTITIES CHECKED BY:
M.A.B. 11-02-82

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CLEVELAND, OHIO AKRON, OHIO

GENERAL PLAN
& ELEVATION AND
ESTIMATED QUANTITIES
AKRON INNERBELT OVER
RELOCATED DART AVE. & RUSSELL AVE.
BR. NO. SUM-59-0002
AKRON OHIO SUMMIT COUNTY
STA. 123 + 53.71 TO STA. 129 + 17.59

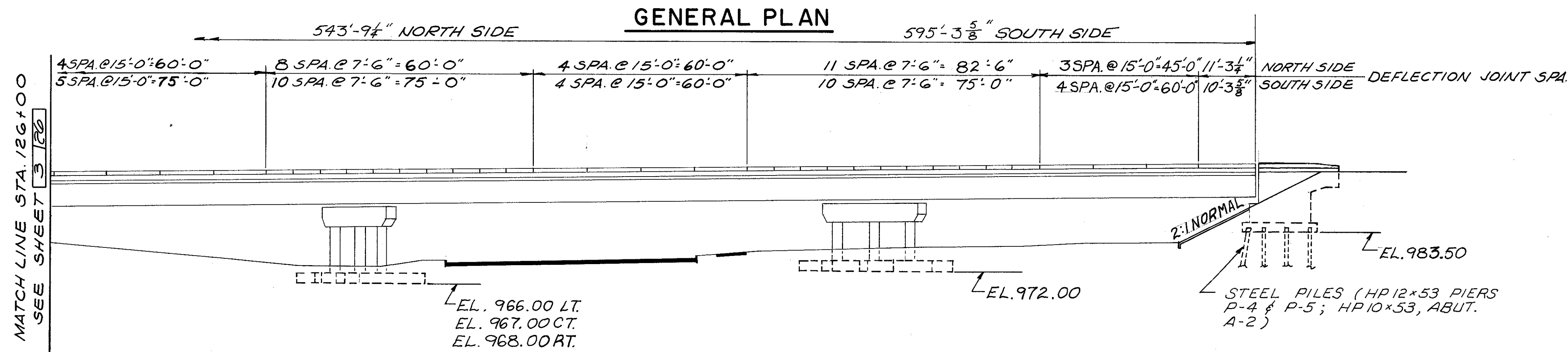
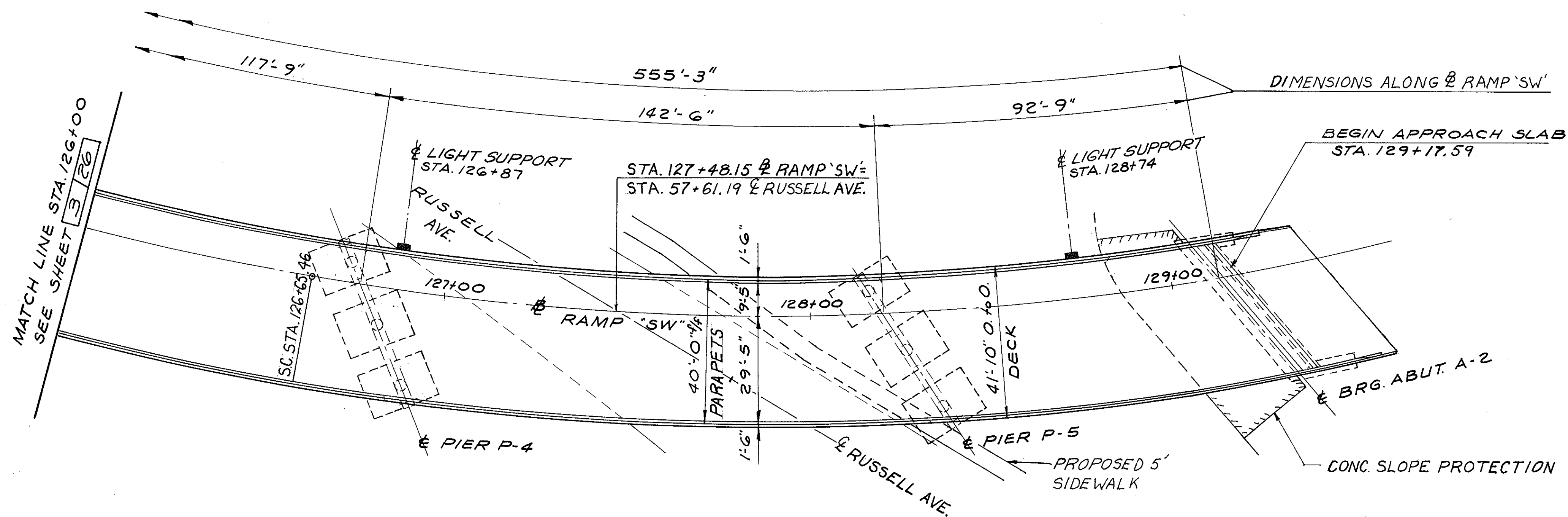
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H.D.	K.P.		R.J.P.	J.P.	12-15-82	

F.H.W.A. REG.	STATE	PROJECT	
5	OHIO		

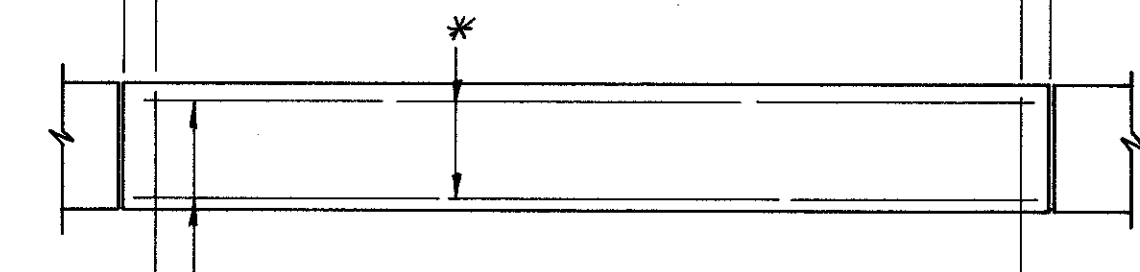
321
455

AKRON INNERBELT
SUM - 59 - 0.00

NOTES
FOR LIGHT SUPPORT DETAILS
SEE SHEET 261
* REINFORCING BARS SHOWN
THUS "*" ARE EPOXY COATED.



7 1/2"	11 SPA @ 1'-3" = 13'-9" (12-5507)*	7 1/2"	15'-0" PANEL
7 1/2"	5 SPA @ 1'-3" = 6'-3" (6-5507)*	7 1/2"	7'-6" PANEL
7 5/8"	8 SPA @ 1'-3" = 10'-0" (9-5507)*	7 5/8"	11'-3 1/4" PANEL
5 13/16"	8 SPA @ 1'-2" = 9'-4" (9-5507)*	5 13/16"	10'-3 5/8" PANEL



S520 E.F. 15'-0" PANEL
S521 E.F. 7'-6" PANEL
S522 E.F. 11'-3 1/4" PANEL
S523 E.F. 10'-3 5/8" PANEL

TYPICAL PANEL DETAILS

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CLEVELAND, OHIO AKRON, OHIO

GENERAL PLAN & ELEVATION
AKRON INNERBELT OVER
RELOCATED DART AVE. & RUSSELL AVE.

BR. NO. SUM-59-0002
AKRON OHIO SUMMIT COUNTY
STA. 123 + 53.71 TO STA. 129 + 17.59

DESIGNED HKT	DRAWN MSE	TRACED R.J.P.	CHECKED R.J.P.	REVIEWED JOT	DATE 12-15-82	REVISED
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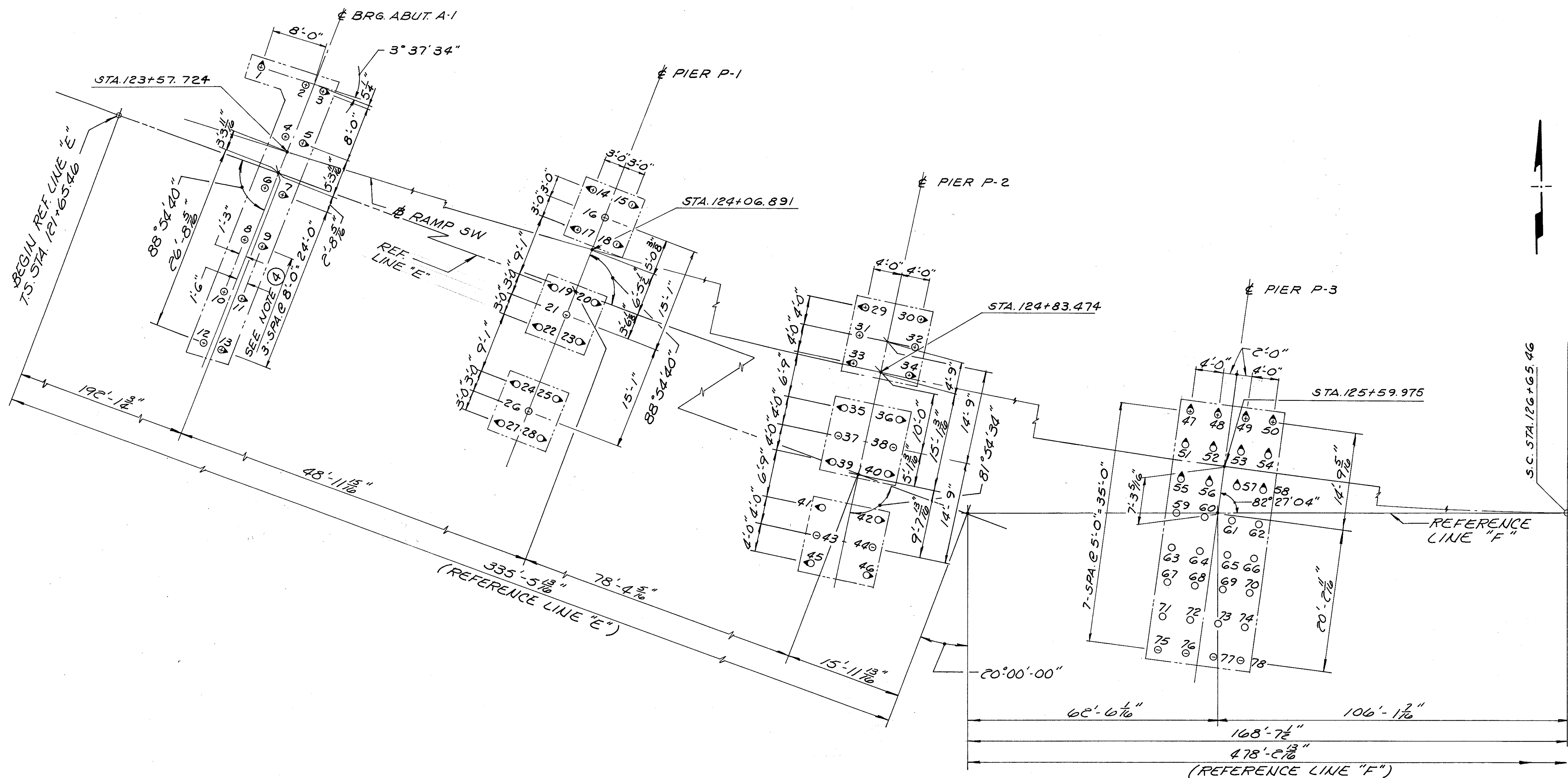
F.H.W.A. REG.	STATE	PROJECT	
5	OHIO		



AKRON INNERBELT
SUM-59-0.00

NOTES

- ① PILES SHOW THUS $\odot$ SHALL BE BATTERED 1:4 IN THE DIRECTION SHOWN.
- ② THE 12" CAST-IN-PLACE REINFORCED CONCRETE PILES HAVE A DESIGN LOAD OF 50 TONS PER PILE. FOR ABUTMENT & PIER PILES.
- ③ FOR PILE CUT-OFF ELEVATIONS AND ESTIMATED PILE LENGTHS SEE PILE TABLE.
- ④ PILES 8 THRU 13 SHALL BE PREBORED AS PER ITEM 507 PREBORED HOLES (AS PER PLAN). SEE GENERAL NOTES SHEET 258 (455).



PILING PLAN

PILE TABLE

SUBSTRUCTURE UNIT	PILE NUMBER	PILE TYPE	CUT-OFF ELEVATION	ESTIMATED LENGTH
ABUT. A-1	1-13	12" C.I.P. R.C.P.	982.75	85'
PIER P-1	14-28	12" C.I.P. R.C.P.	972.00	75'
PIER P-2	29-46	12" C.I.P. R.C.P.	971.00	70'
PIER P-3	47-78	12" C.I.P. R.C.P.	972.00	70'

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CLEVELAND, OHIO AKRON, OHIO

PILING PLAN

AKRON INNERBELT OVER
RELOCATED DART AVE. & RUSSELL AVE.

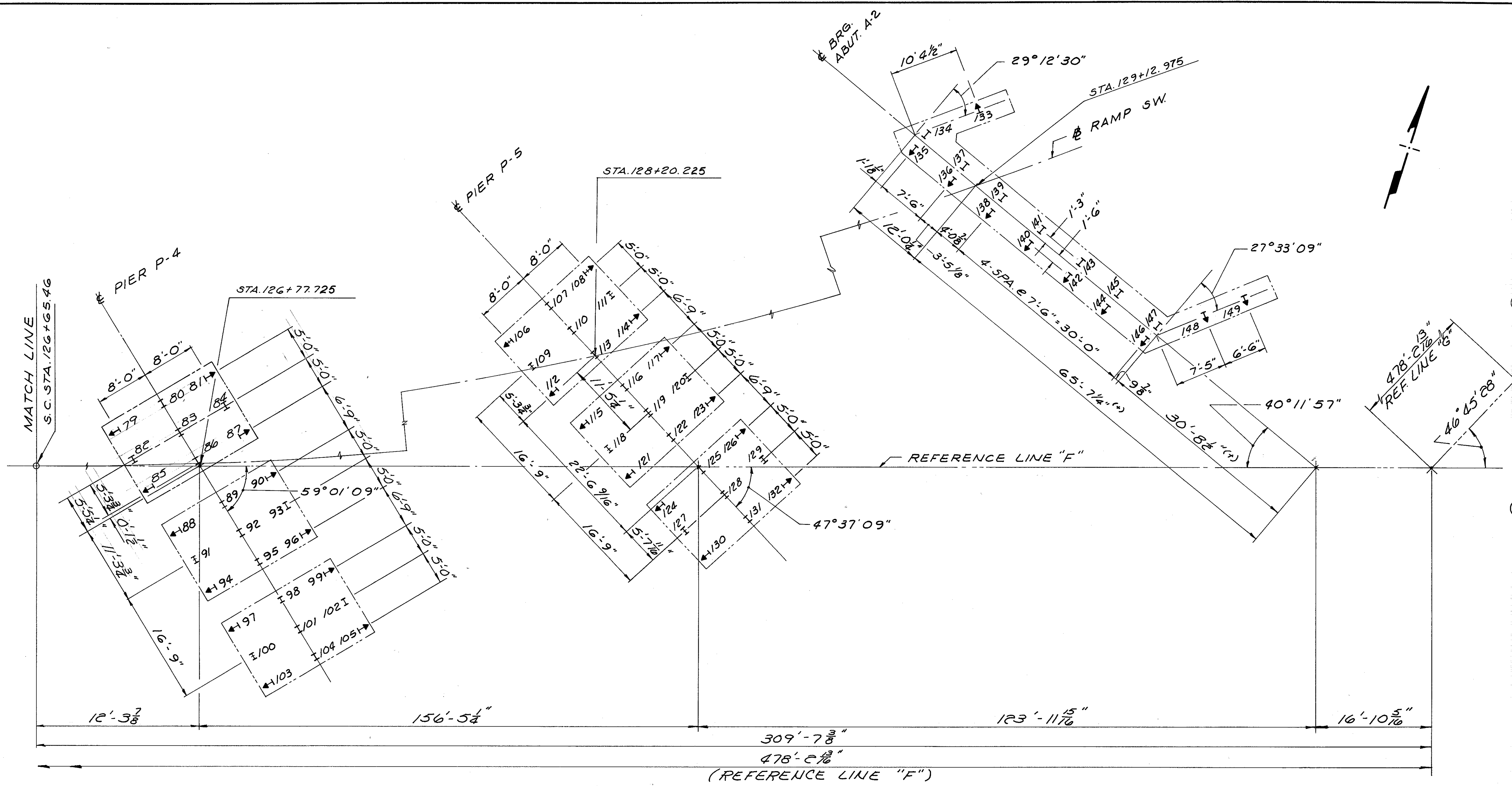
BR. NO. SUM-59-0002
AKRON OHIO SUMMIT COUNTY
STA. 123+53.71 TO STA. 129+17.59

DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED	DATE	REVISED
BKL	F.F.		MSC R.J.P.	J.P.	12-15-82	

AKRON INNERBELT
SUM-59-0.00

NOTES

- ① FOR PILE CUT-OFF ELEVATIONS AND ESTIMATED PILE LENGTHS SEE PILE TABLE, SHEET 5/26.
- ② STEEL HP 12x53 AND HP 10x42 PILES SHALL BE DRIVEN TO REFUSAL ON BED ROCK. REFUSAL SHALL BE CONSIDERED AS OBTAINED BY PENETRATING SOFT BED ROCK FOR SEVERAL INCHES WITH A MINIMUM RESISTANCE OF 20 BLOWS PER INCH OR REFUSAL SHALL BE CONSIDERED AS OBTAINED AFTER THE PILE HAS CONTACTED HARD BED ROCK AND THE PILE HAS THEN RECEIVED AT LEAST 20 BLOWS. THE DESIGN LOAD IS 50 TONS PER PILE FOR ABUT. PILES AND 70 TONS PER PILE FOR PIER PILES.
- ③ FOR ADDITIONAL NOTES SEE SHEET 5/26.



PILING PLAN

PILE TABLE

SUBSTRUCTURE UNIT	PILE NUMBER	PILE TYPE	CUT-OFF ELEVATION	ESTIMATED LENGTH
PIER P-4	79-87	HP 12x53	968.00	90'
PIER P-4	88-96	HP 12x53	969.00	90'
PIER P-4	97-105	HP 12x53	970.00	90'
PIER P-5	106-132	HP 12x53	974.00	65'
ABUT A-2	133-149	HP 10x42	985.50	60'

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CLEVELAND, OHIO AKRON, OHIO

PILING PLAN

AKRON INNERBELT OVER
RELOCATED DART AVE. & RUSSELL AVE.

BR. NO. SUM-59-0002
AKRON OHIO SUMMIT COUNTY

STA. 123+53.71 TO STA. 129+17.59

DESIGNED BFL	DRAWN F.F.	TRACED MSC	CHECKED R.J.P.	REVIEWED JOT	DATE 12-15-82	REVISED
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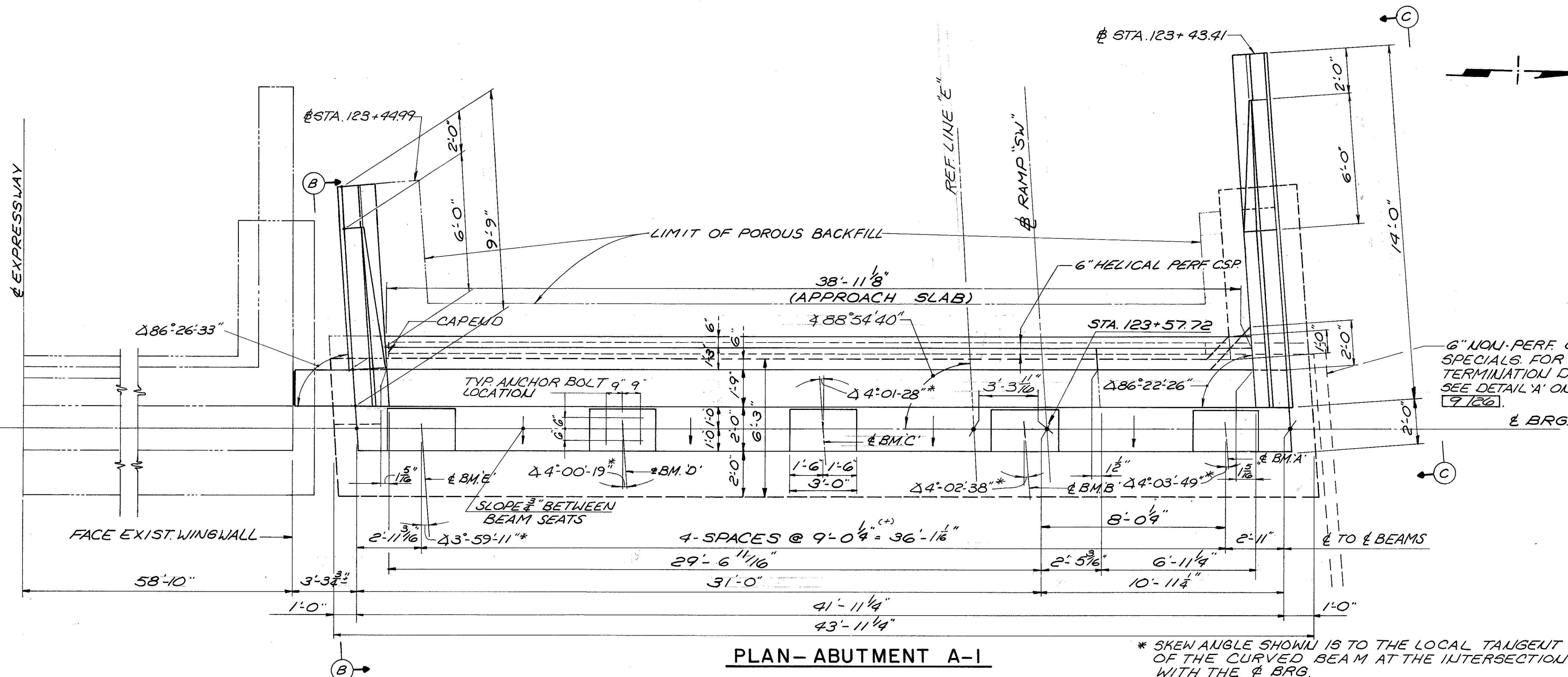
F.H.W.A. REG.	STATE	PROJECT
5	OHIO	

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AKRON INNERBELT
SUM - 59 - 0.00

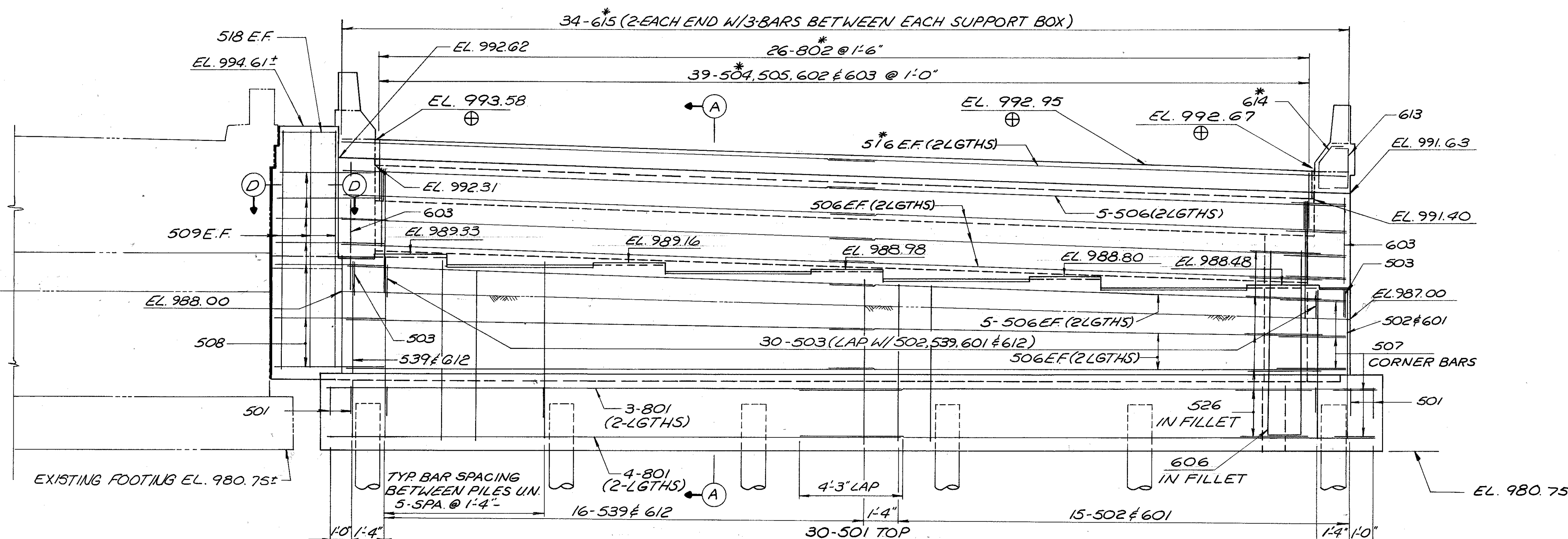
NOTES

- ABBREVIATIONS USED ARE:
N.F. - NEAR FACE
FF. - FAR FACE
EF. - EACH FACE
- BACKWALL ELEVATIONS SHOWN THUS $\oplus$ ARE GIVEN AS FINAL PAVEMENT ELEVATIONS SEE SECTION A-A SHEET 3120.
- THE PREFIX "A" SHALL BE ADDED TO ALL REINFORCING BAR MARKS IN THE ABUTMENT UNLESS SHOWN OTHERWISE.
- POROUS BACKFILL, FULL LENGTH OF ABUTMENT AND WINGS SHALL EXTEND UP TO THE PLANE OF THE SUBGRADE WITHIN THE ROADWAY AREA EXTENDED LATERALLY TO THE WING WALLS, 15 FT. THICK AT ABUTMENT AND 2.0 FT. THICK AT WINGS.
- EMBANKMENT PROCEDURE:
THE EMBANKMENT SHALL BE CONSTRUCTED TO THE LEVEL OF THE SUBGRADE FOR A MINIMUM DISTANCE OF 200 FEET BACK OF THE ABUTMENT. EXCAVATION SHALL THEN BE MADE FOR THE ABUTMENT.
- FOR PILING PLAN, SEE SHEET 3120 & 3120.
- FOR SECTIONS "A-A", "D-D", VIEWS "B-B", "C-C" AND ADDITIONAL DETAILS SEE SHEET 3120.
- FOR LOCATION OF 6/5 REINFORCING BARS CO-ORDINATE WITH EXPANSION JOINT CONTRACTORS DRAWINGS.
- PORTIONS OF PARAPET AND CURB TO BE CONSTRUCTED AFTER EXPANSION JOINT IS IN PLACE.
- FOR DETAILS OF ABUTMENT BEARINGS SEE BEARING DETAILS ON SHEETS 266/455 THRU 268/455.
- REINFORCING BAR CLEARANCE SHALL BE 2 1/2" UNLESS OTHERWISE SHOWN.



PLAN - ABUTMENT A-1

* SKEW ANGLE SHOWN IS TO THE LOCAL TANGENT OF THE CURVED BEAM AT THE INTERSECTION WITH THE ϕ BRG.



ELEVATION

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CLEVELAND, OHIO · AKRON, OHIO

ABUTMENT A-1 DETAILS AKRON INNERBELT OVER RELOCATED DART AVE. & RUSSELL AVE.

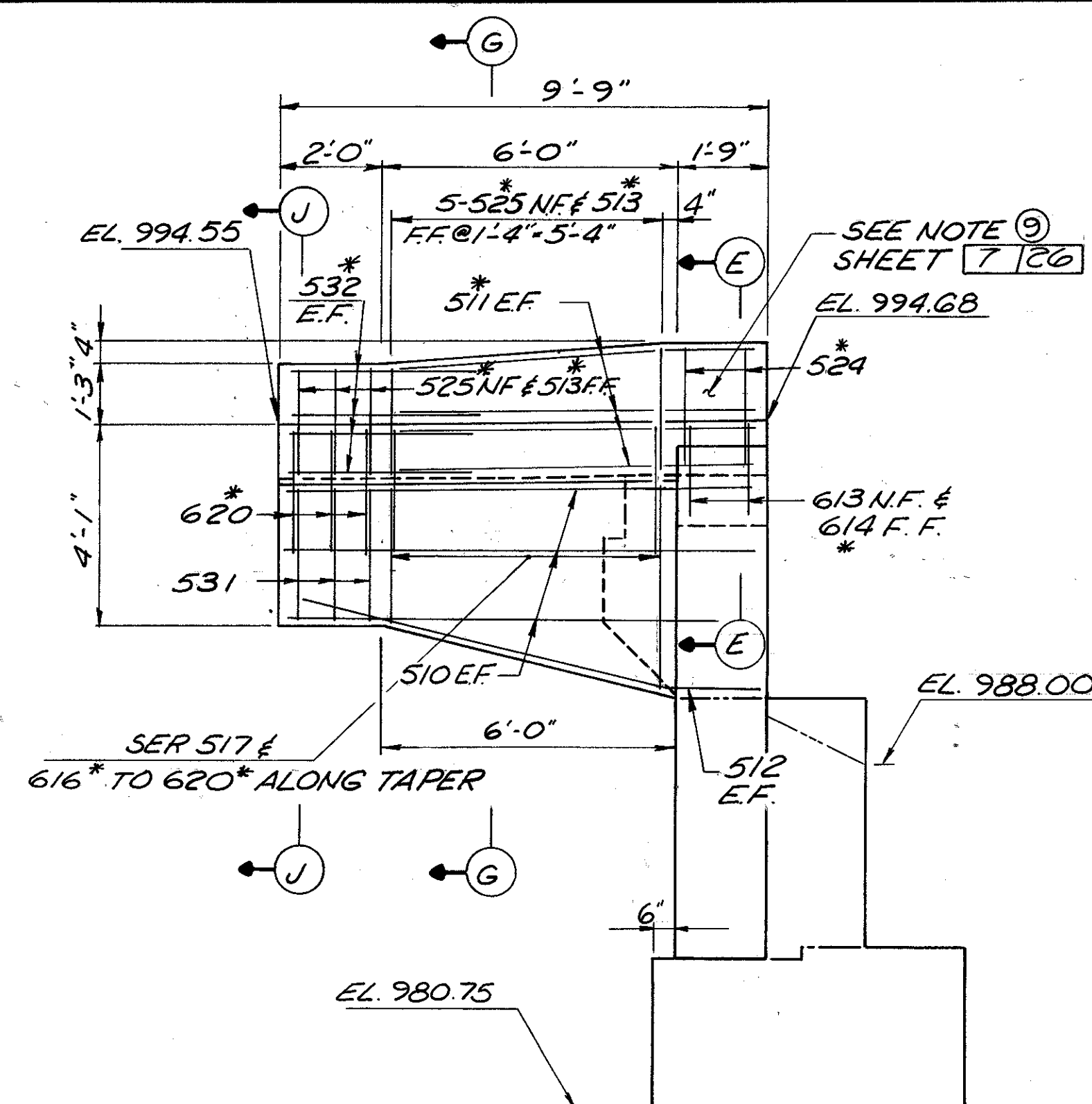
BR. NO. SUM-59-0002
AKRON OHIO SUMMIT COUNTY
STA. 123 + 53.71 TO STA. 129 + 17.59

DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED	DATE	REVISED
BEL	D.T.		RJP	JGP	12-15-82	

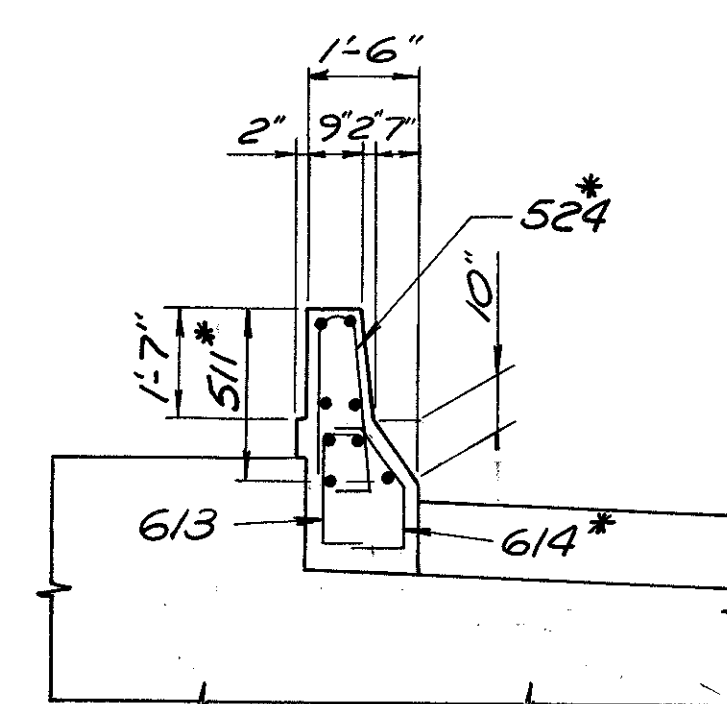
F.H.W.A. REG.	STATE	PROJECT
5	OHIO	

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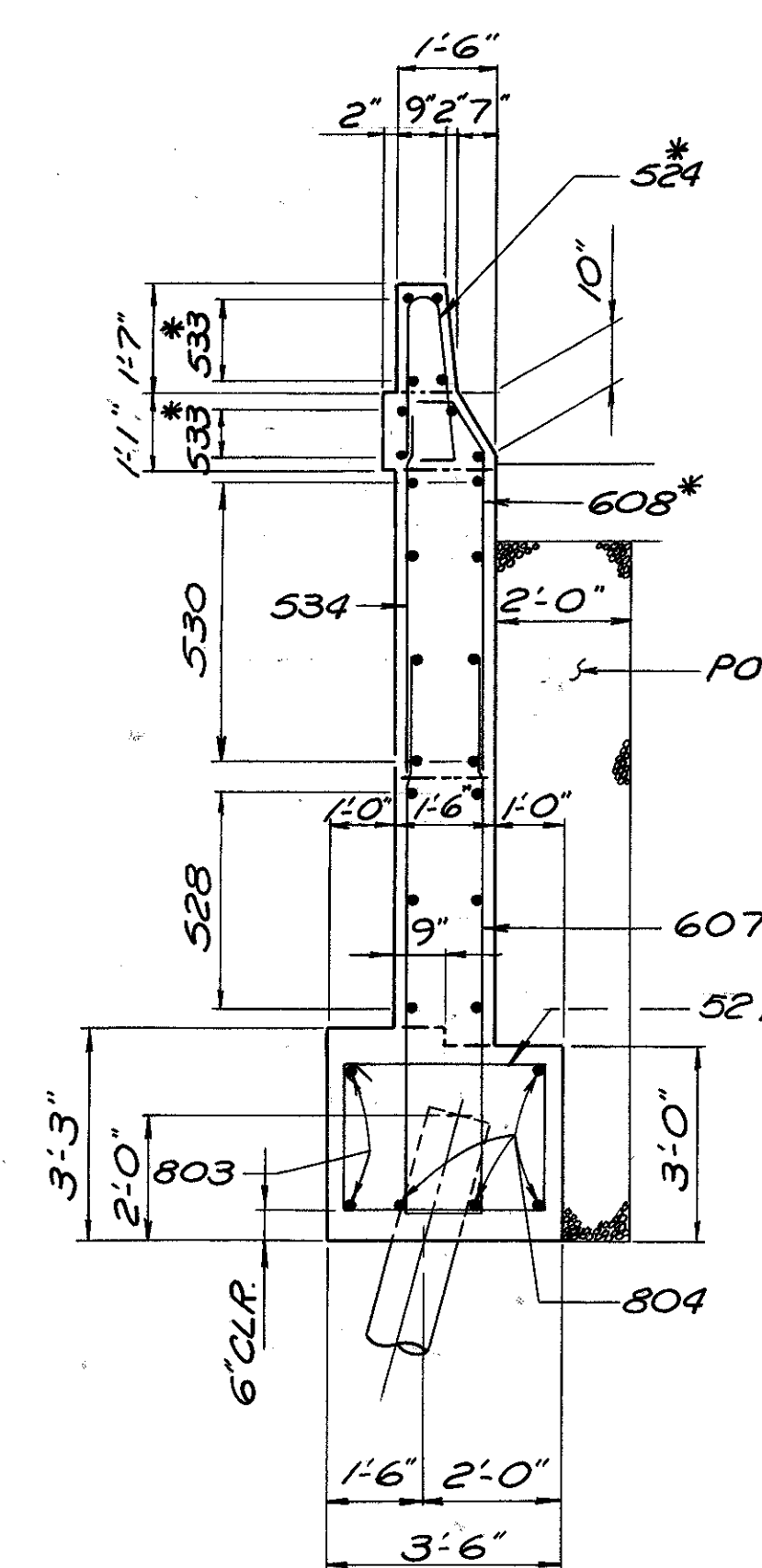
AKRON INNERBELT
SUM - 59 - 0.00



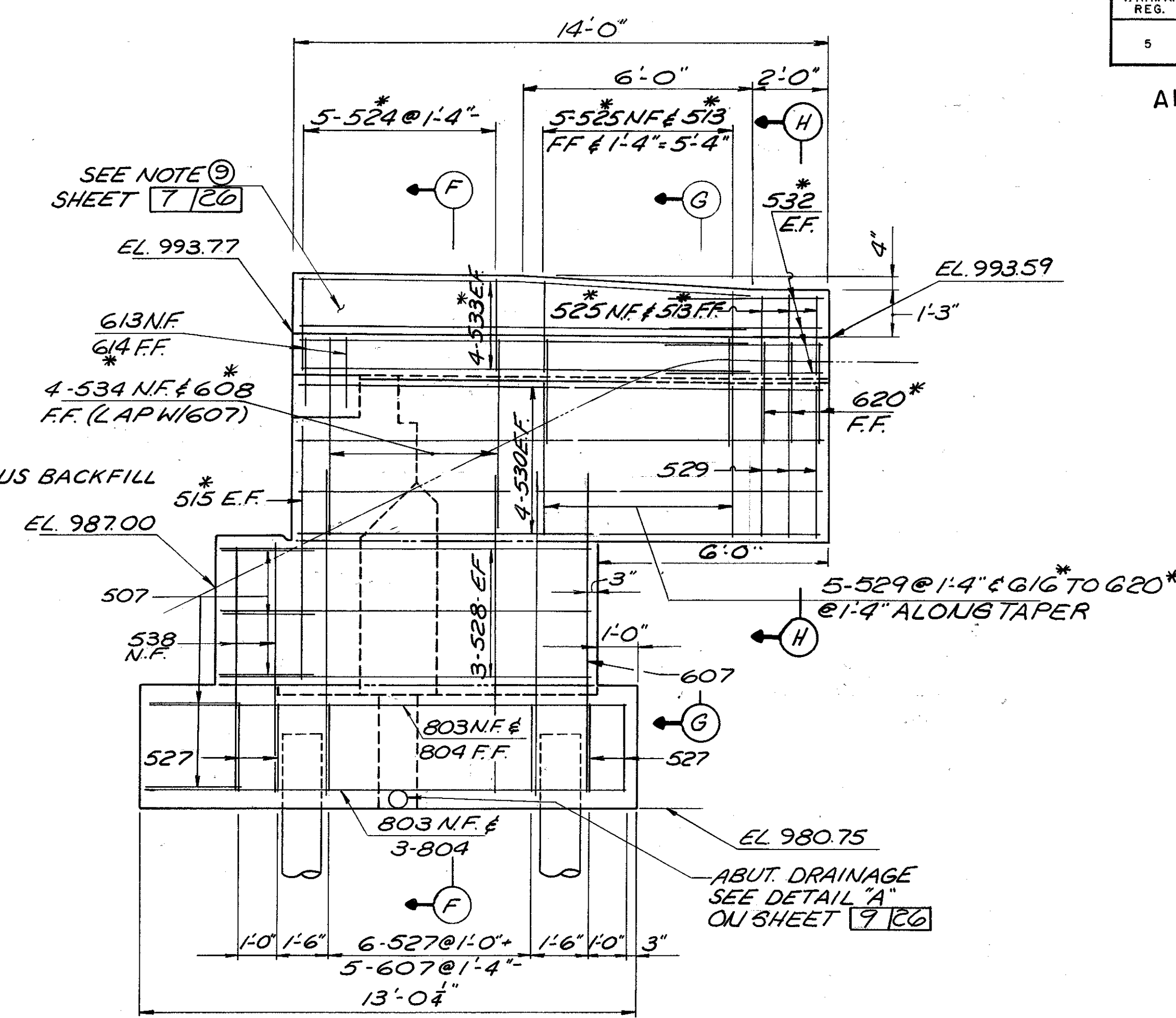
VIEW B-B



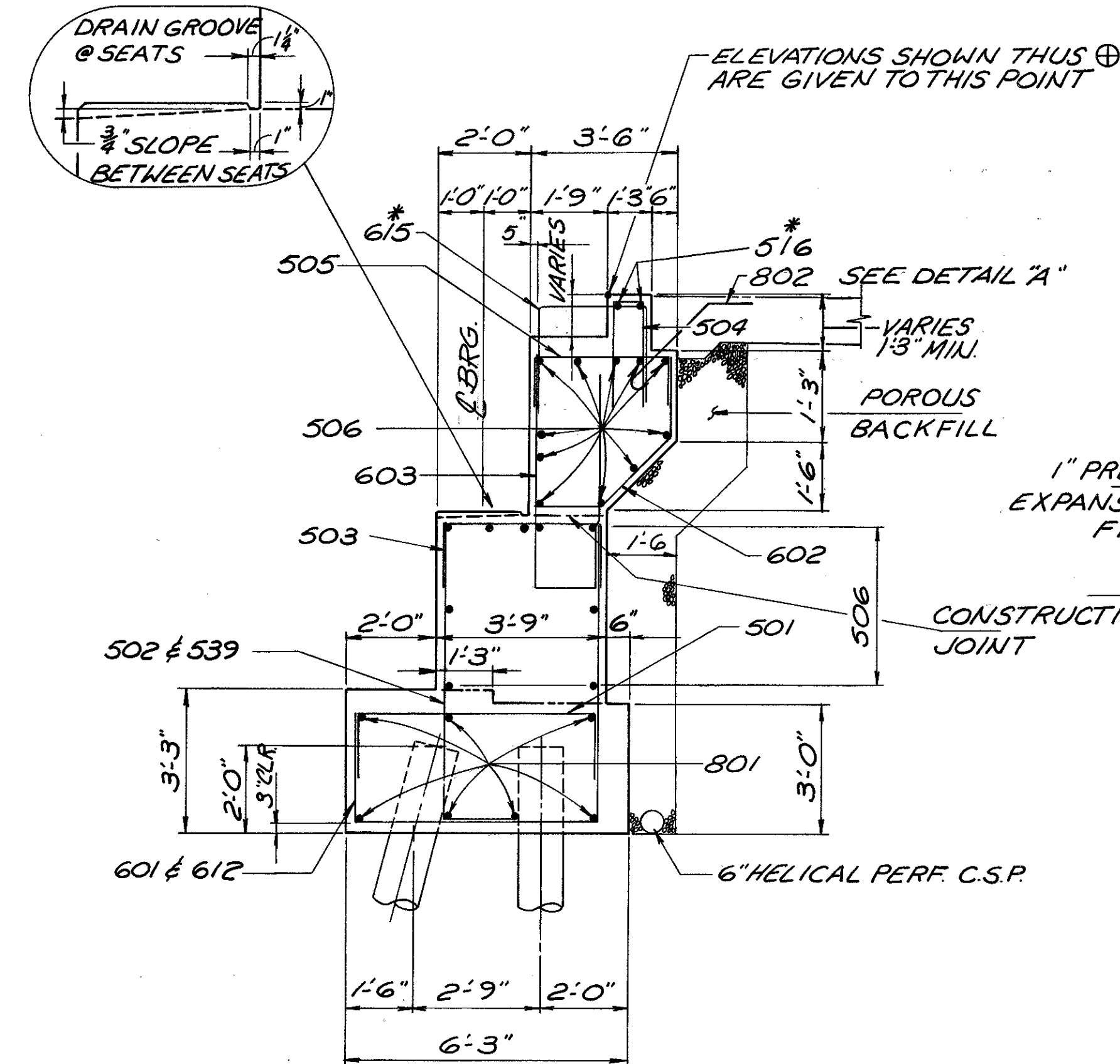
SECTION E-E



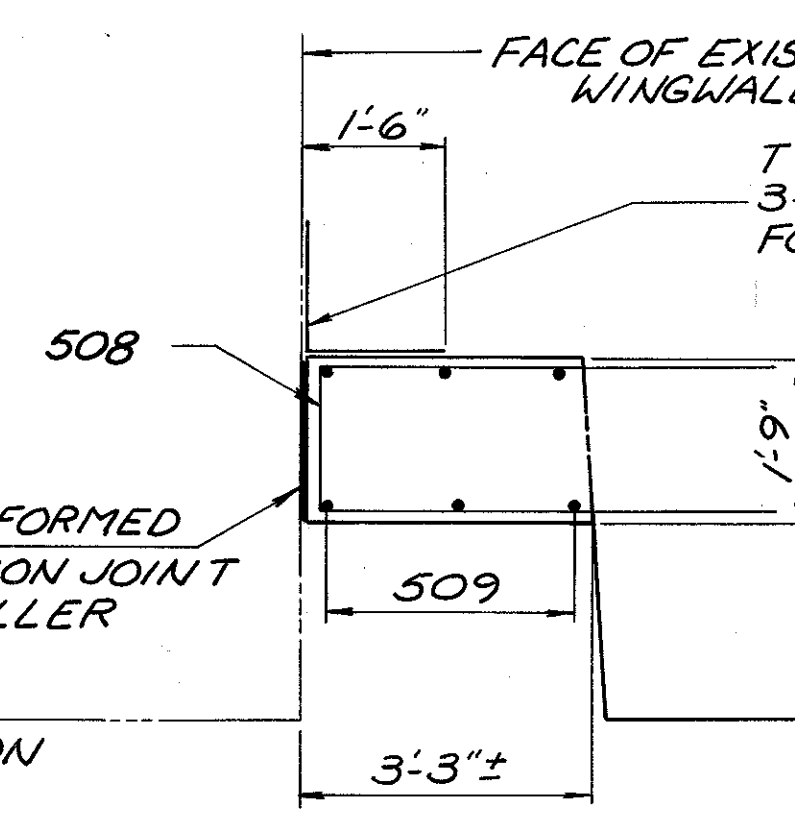
SECTION F-F



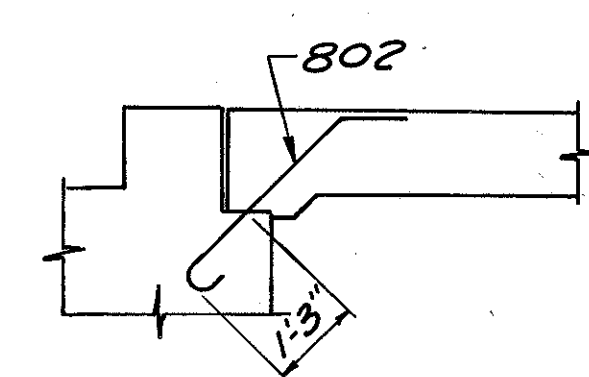
VIEW C-C



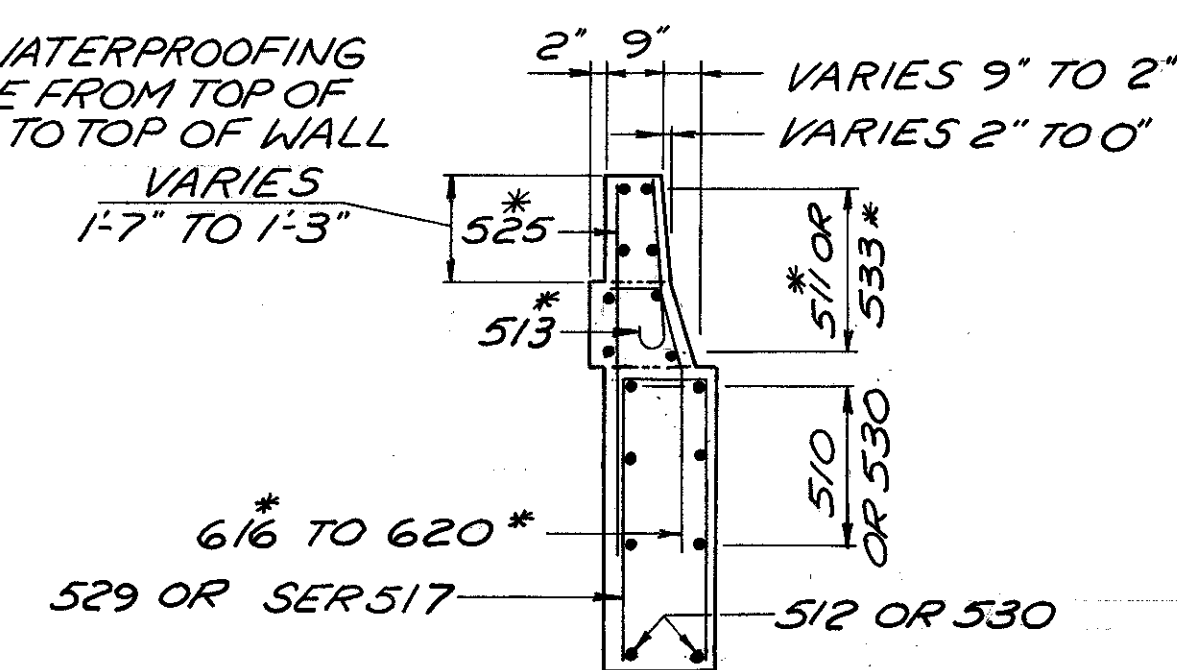
SECTION A-A



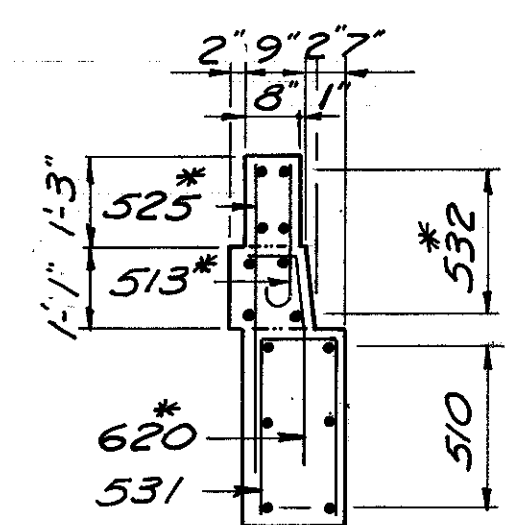
SECTION D-D



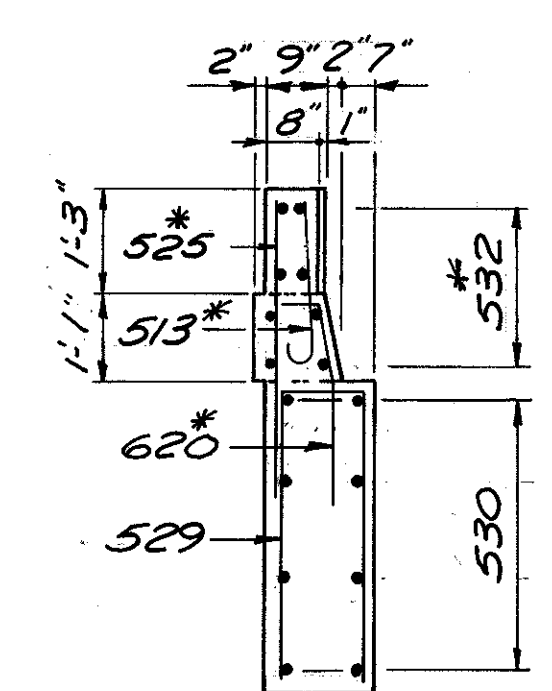
DETAIL A



SECTION G-G



SECTION J-J



SECTION H-H

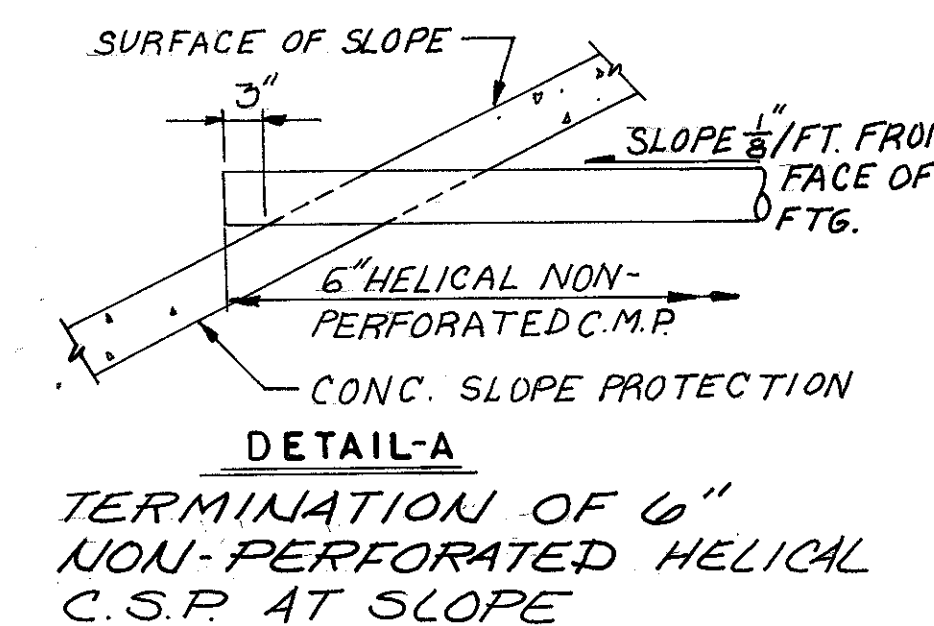
NOTES
* INDICATES REINFORCING BARS TO BE EPOXY COATED.
FOR NOTES AND DETAILS NOT SHOWN, SEE ABUTMENT DETAIL SHEET 7/26

DALTON · DALTON · NEWPORT		AKRON, OHIO	
CLEVELAND, OHIO		AKRON, OHIO	
ABUTMENT A-I DETAILS			
AKRON INNERBELT OVER RELOCATED DART AVE. & RUSSELL AVE.			
BR. NO. SUM-59-0002			
AKRON OHIO		SUMMIT COUNTY	
STA. 123 + 53.71		TO STA. 129 + 17.59	
DESIGNED	DRAWN	TRACED	CHECKED
BKL	D.T.	RJP	12-15-82

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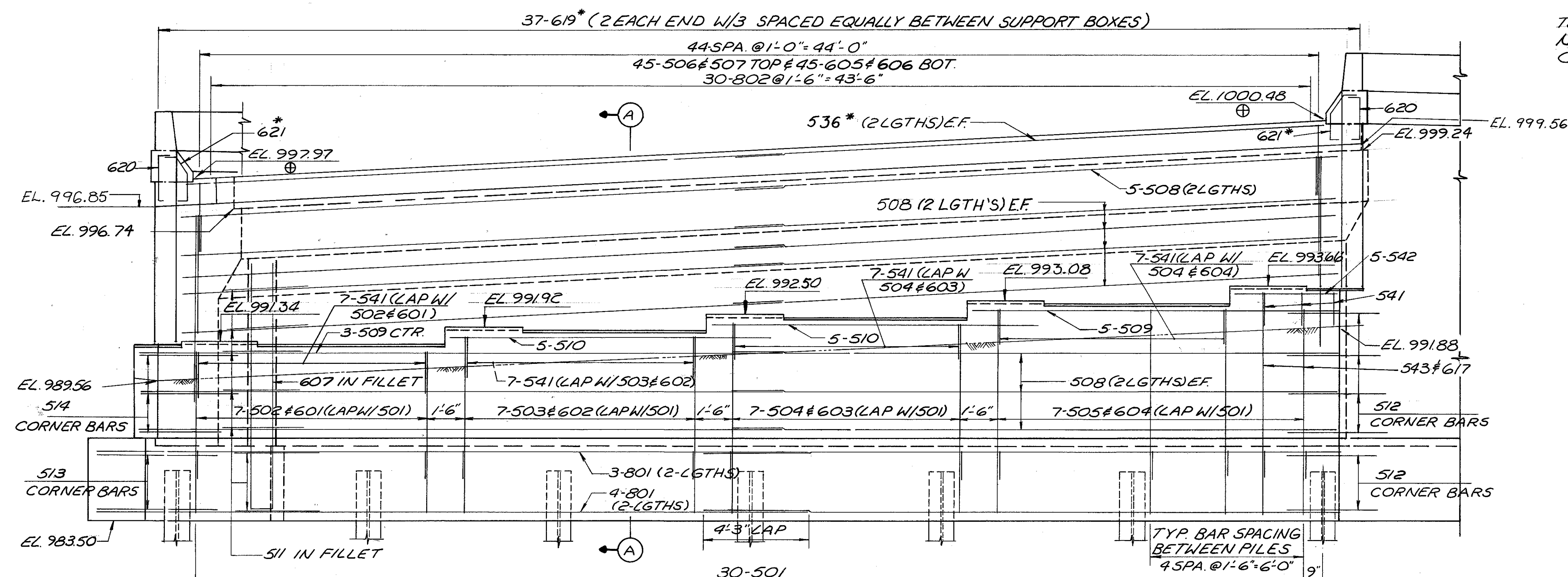
NOTES

- ① ABBREVIATIONS USED ARE:
NF - NEAR FACE
FF - FAR FACE
EF - EACH FACE
- ② ELEVATIONS SHOWN THUS $\oplus$ ARE GIVEN AS FINAL PAVEMENT ELEVATIONS SEE SECTION A-A SHEET 10/26.
- ③ THE PREFIX "2A" SHALL BE ADDED TO ALL REINFORCING BAR MARKS IN THE ABUTMENT UNLESS SHOWN OTHERWISE.
- ④ POROUS SUBFILL, FULL LENGTH OF ABUTMENT AND WING, SHALL EXTEND UP TO THE PLANE OF THE SUBGRADE WITHIN THE ROADWAY AREA EXTENDED LATERALLY TO THE WING WALL. 1.5 FT. THICK AT THE ABUTMENT AND 2.0 FT. THICK AT THE WING.
- ⑤ EMBANKMENT PROCEDURE:
THE EMBANKMENT SHALL BE CONSTRUCTED TO THE LEVEL OF THE SUBGRADE FOR A MINIMUM DISTANCE OF 200 FEET BACK OF THE ABUTMENT. EXCAVATION SHALL THEN BE MADE FOR THE ABUTMENT.
- ⑥ FOR PILING PLAN, SEE SHEET 3/26.
- ⑦ FOR SECTION "A-A", VIEWS "B-B", "C-C" AND ADDITIONAL DETAILS SEE SHEET 10/26.
- ⑧ FOR LOCATION OF 619* REINFORCING BARS CO-ORDINATE WITH EXPANSION JOINT CONTRACTORS DRAWINGS.
- ⑨ PORTIONS OF PARAPET AND CURB TO BE CONSTRUCTED AFTER EXPANSION JOINT IS IN PLACE.
- ⑩ FOR DETAILS OF ABUTMENT BEARINGS SEE BEARING DETAILS ON SHEETS $\frac{266}{455}$ THRU $\frac{268}{455}$.
- ⑪ REINFORCING BAR CLEARANCE SHALL BE 2 1/2" UNLESS OTHERWISE SHOWN.



PLAN

* SKEW ANGLE SHOWN IS TO THE LOCAL
TANGENT OF THE CURVED BEAM AT THE
INTERSECTION WITH THE C OF BRG.



ELEVATION

ABUTMENT A-2 DETAILS

AKRON INNERBELT OVER
RELOCATED DART AVE. & RUSSELL AVE

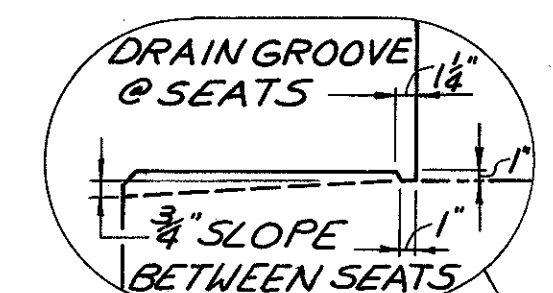
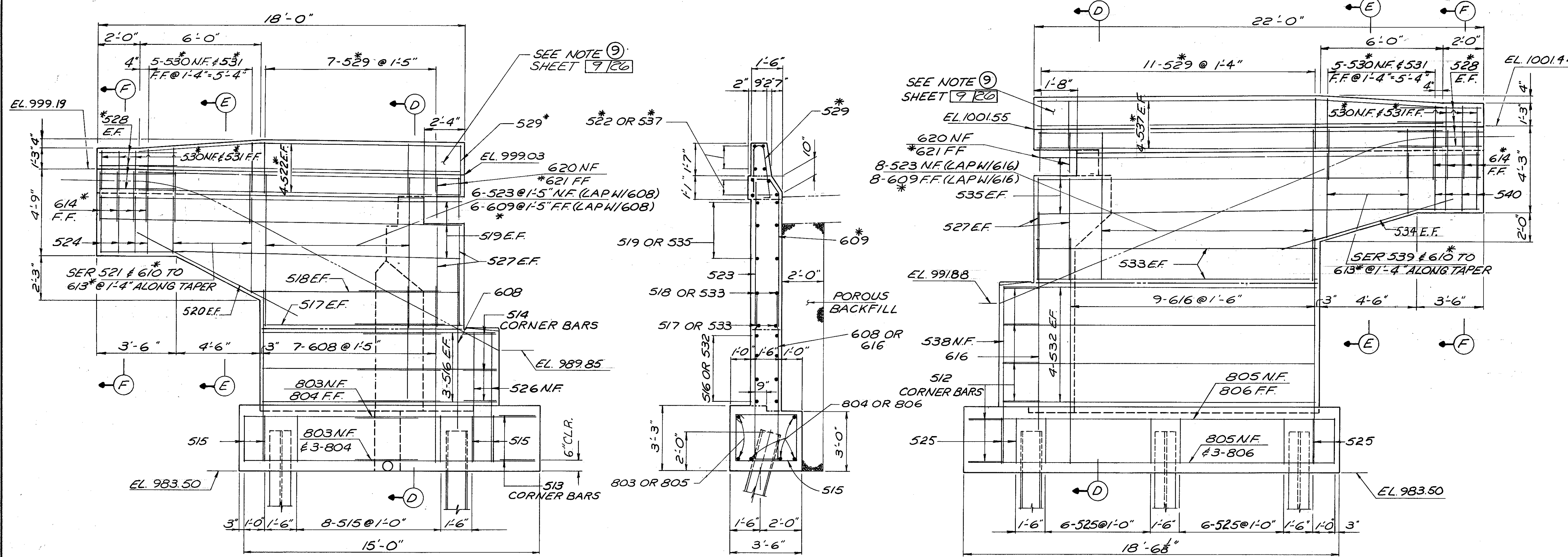
BR. NO. SUM-59-0002
AKRON OHIO SUMMIT COUNT
STA. 123 + 53.71 TO STA. 129 + 17.59

DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED	DATE	REVISION
BKL	D.T.		R.J.P.	<i>[Signature]</i>	12-15-82	

F.H.W.A. REG.	STATE	PROJECT
5	OHIO	

327
455

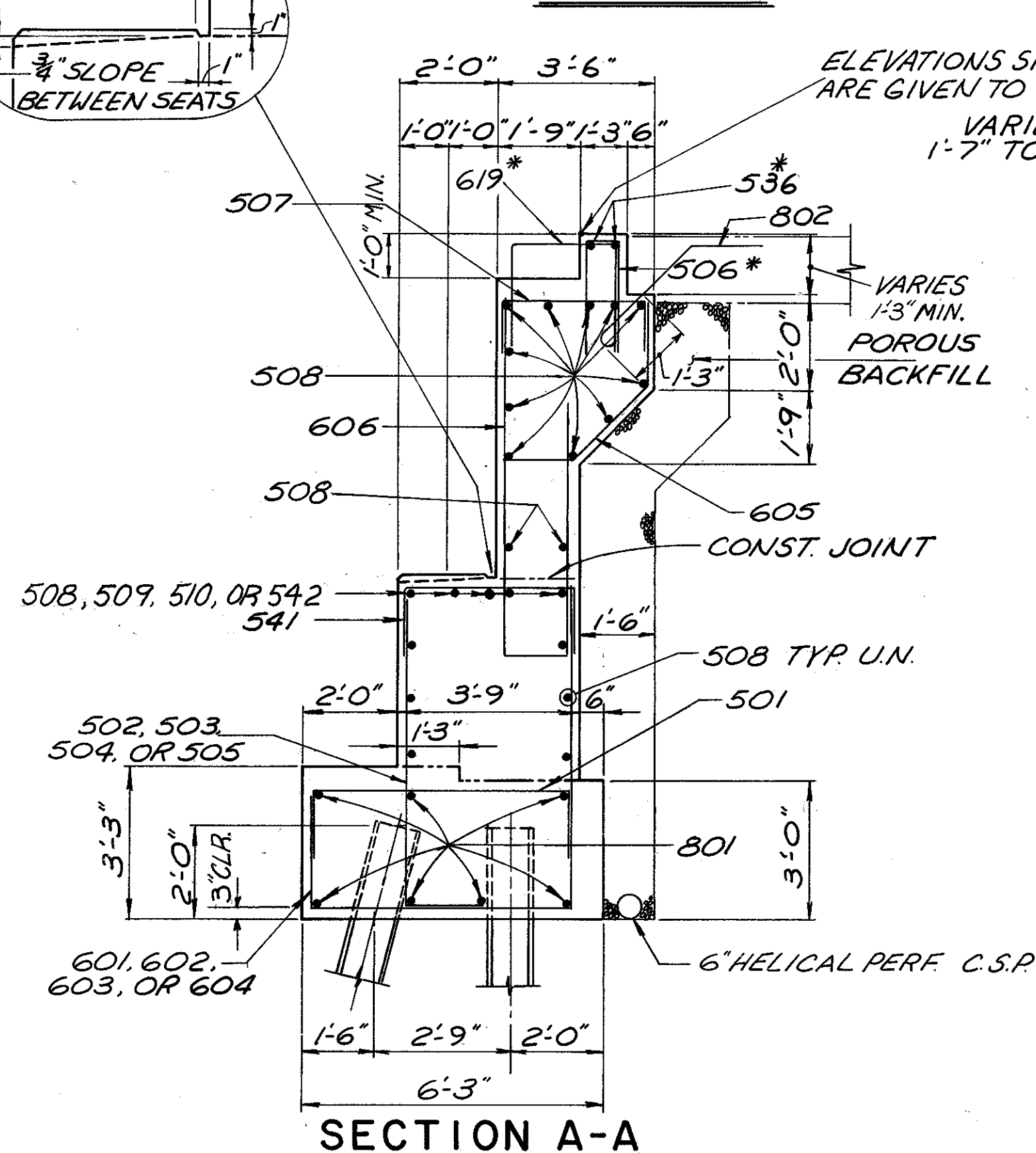
AKRON INNERBELT
SUM - 59 - 0.00



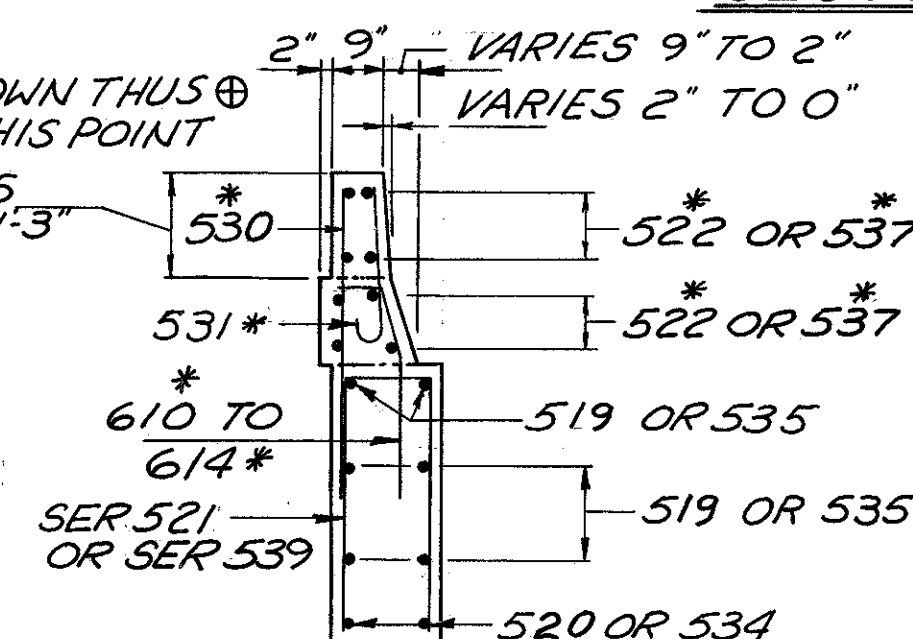
VIEW B-B

SECTION D-D

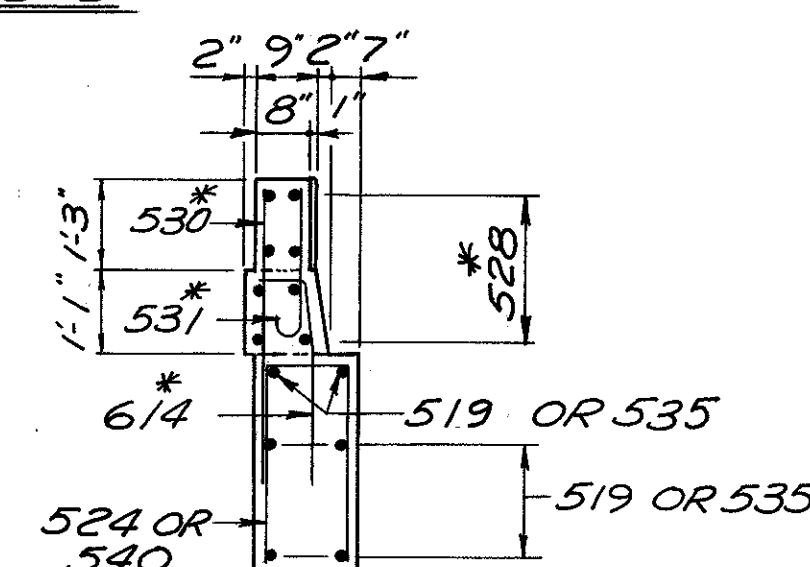
VIEW C-C



SECTION A-A



SECTION E-E



SECTION F-F

NOTES

* INDICATES REINFORCING BARS TO BE EPOXY COATED.

FOR NOTES AND DETAILS NOT SHOWN
SEE ABUTMENT DETAIL SHEET
9/26

DALTON	DALTON	NEWPORT
CLEVELAND, OHIO	AKRON, OHIO	

ABUTMENT A-2 DETAILS

AKRON INNERBELT OVER
RELOCATED DART AVE. & RUSSELL AVE.

BR. NO. SUM-59-0002
AKRON OHIO SUMMIT COUNTY
STA. 123+53.71 TO STA. 129+17.59

DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED	DATE	REVISED
BEL	DT		R.J.P.	gal	12-18-82	

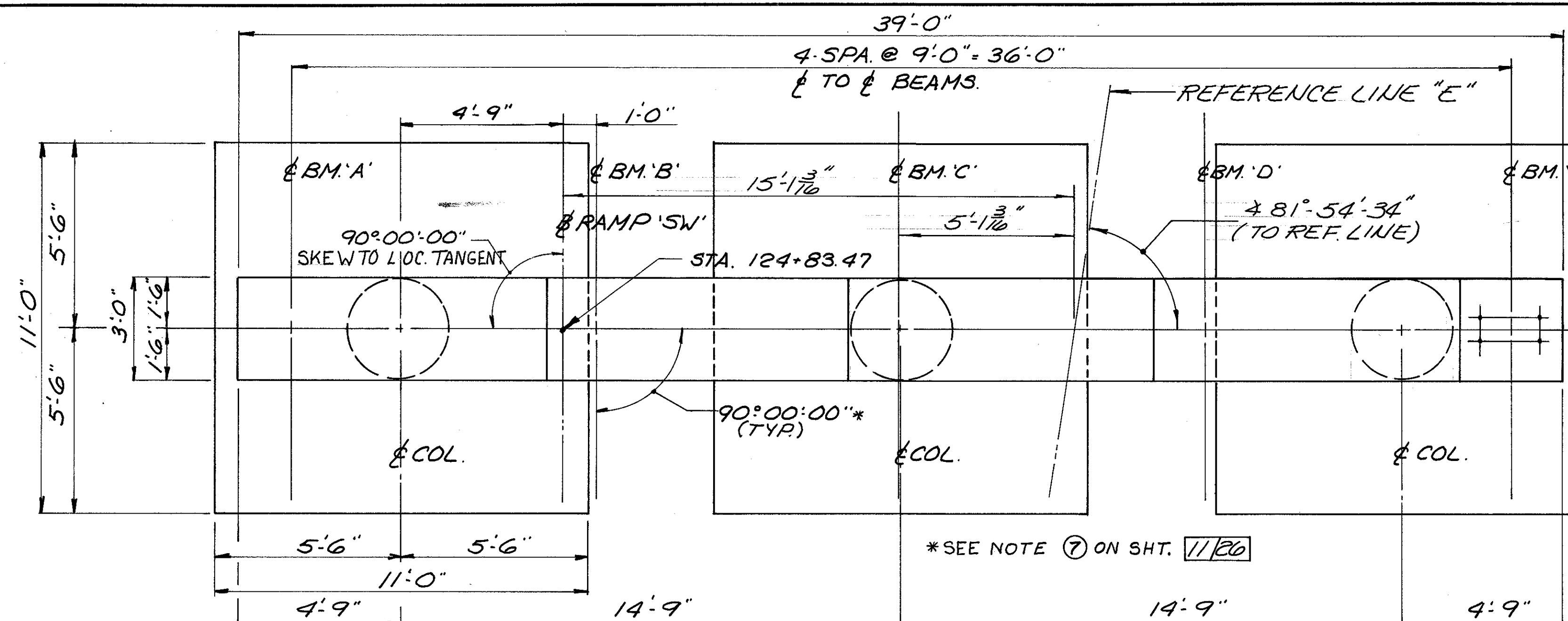
F.H.W.A. REG.	STATE	PROJECT
5	OHIO	

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455

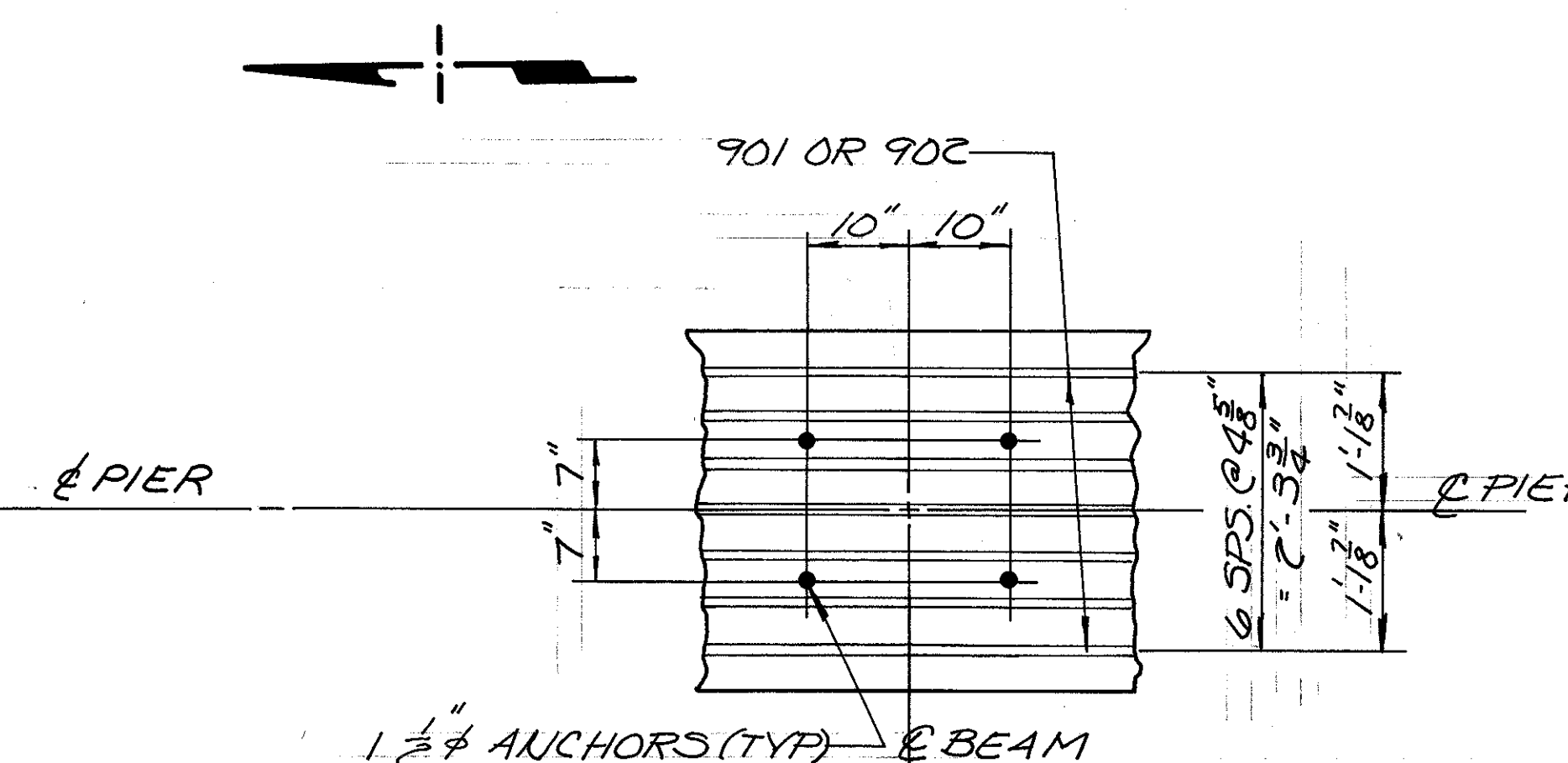
AKRON INNERBELT
SUM - 59- 0.00

NOTES

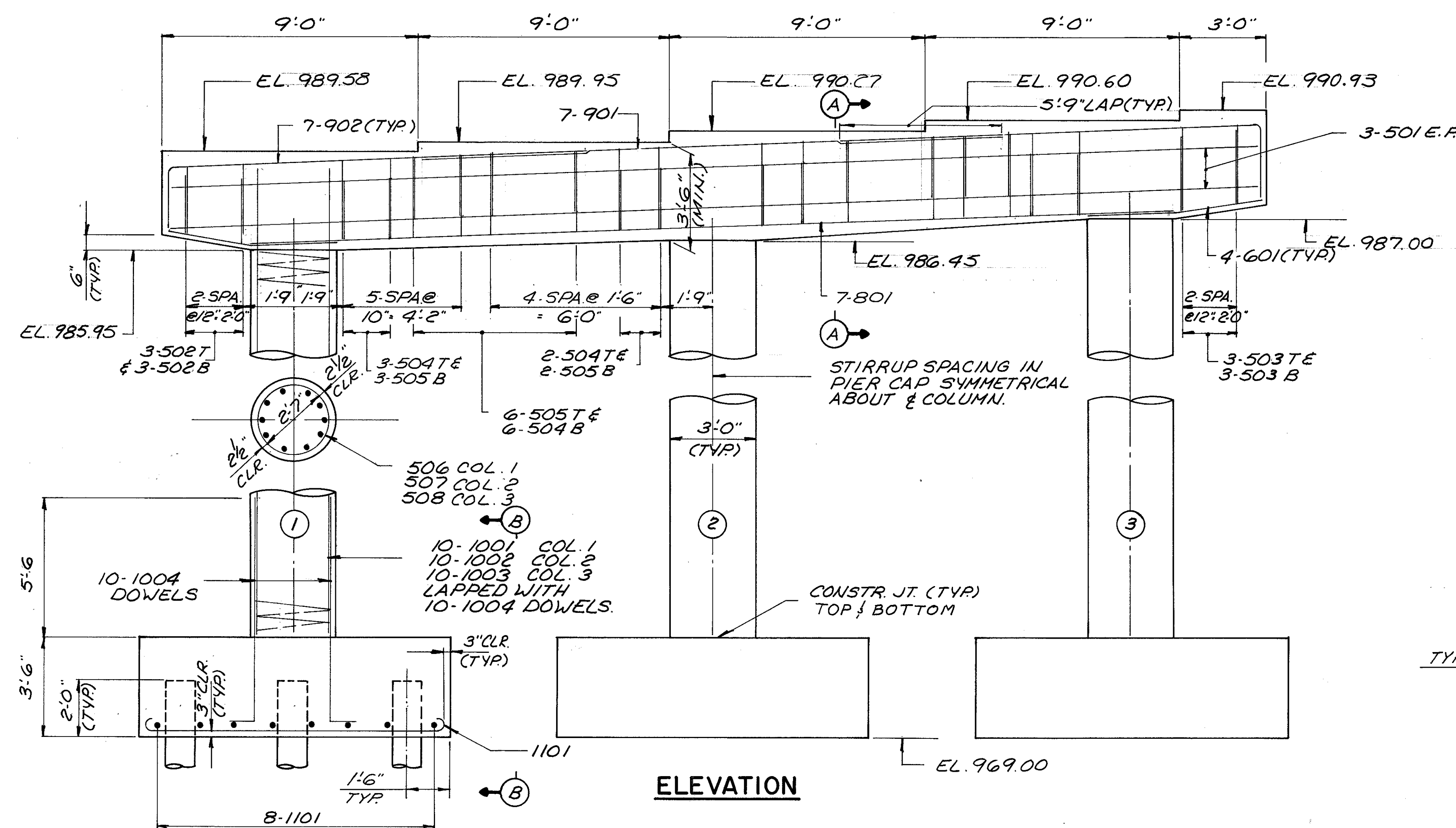
- THE PREFIX "2P" SHALL BE ADDED TO ALL PIER REINFORCING BAR MARKS UNLESS SHOWN OTHERWISE.
- FOR ADDITIONAL NOTES SEE SHEET 11/26.



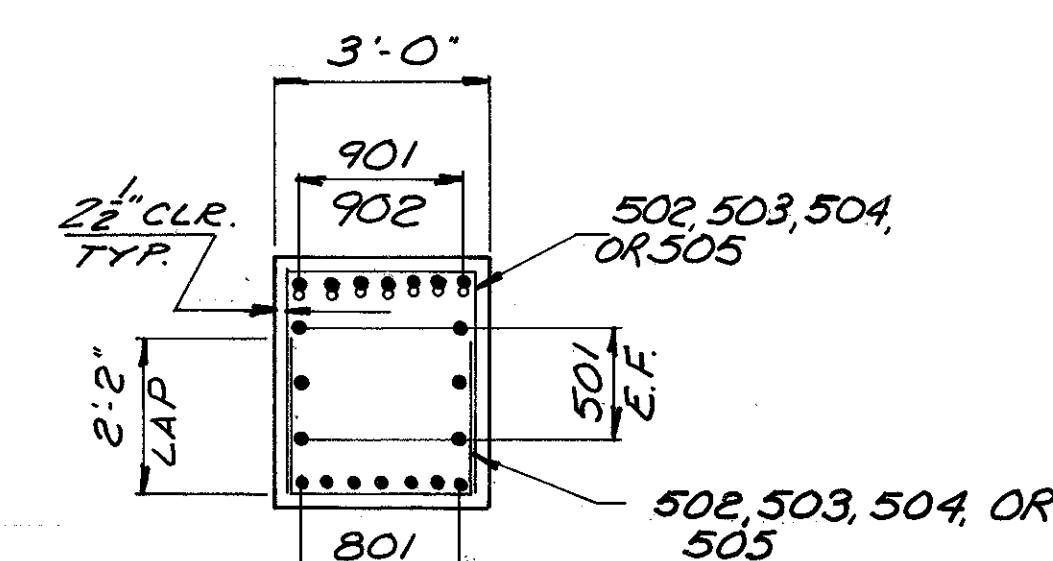
PLAN - PIER P-2



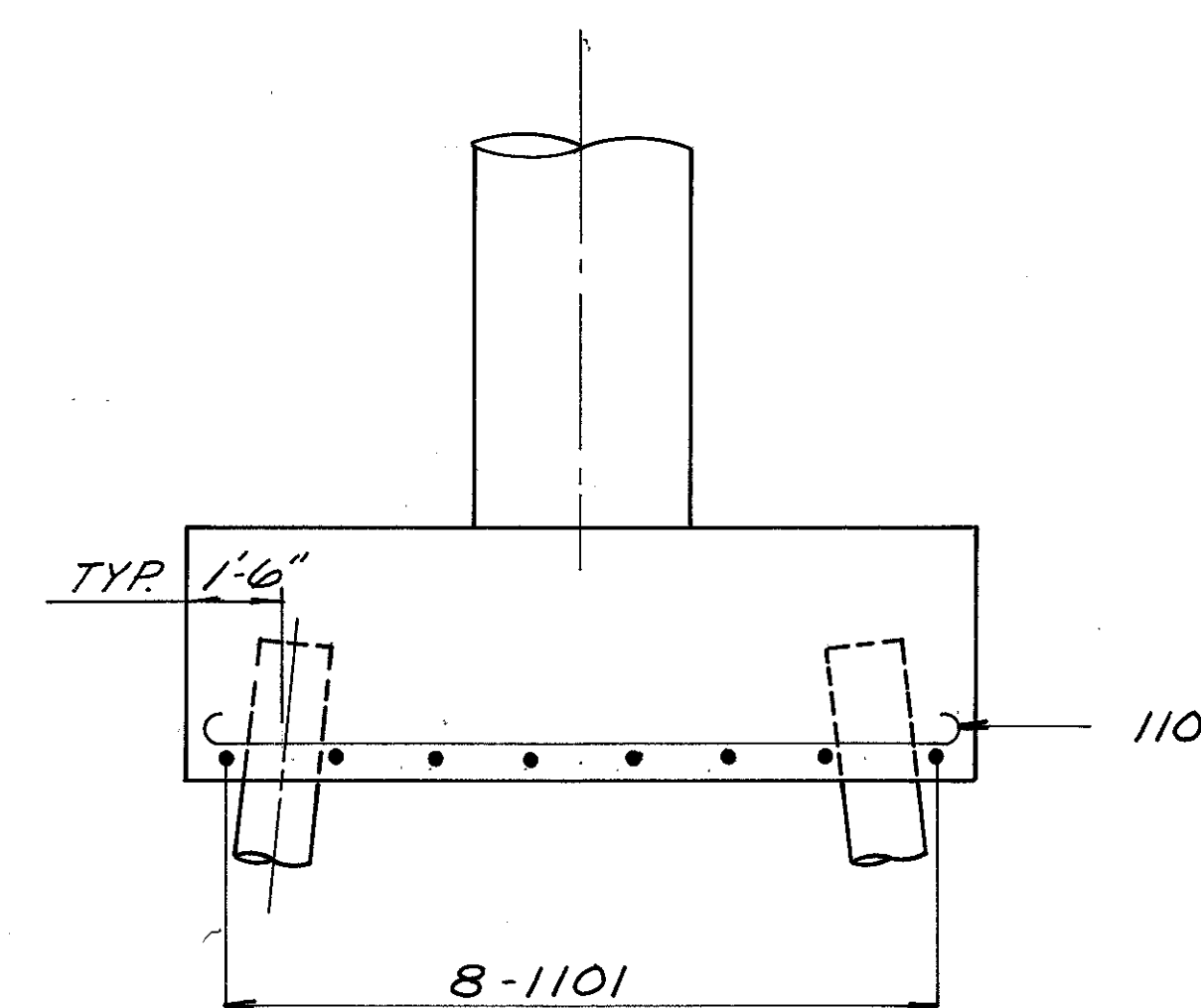
ANCHOR BOLT LOCATION DETAIL
(TYPICAL EACH BEAM)



ELEVATION



SECTION A-A



SECTION B-B

DALTON · DALTON · NEWPORT			
CLEVELAND, OHIO		AKRON, OHIO	
12/26			
PIER P-2 DETAILS			
AKRON INNERBELT OVER RELOCATED DART AVE. & RUSSELL AVE.			
BR. NO. SUM-59-0002			
AKRON OHIO		SUMMIT COUNTY	
STA. 123 + 53.71		TO STA. 129 + 17.59	
DESIGNED	DRAWN	CHECKED	REVIEWED DATE
MSC	CDG	R.J.P.	JOP 12-15-82

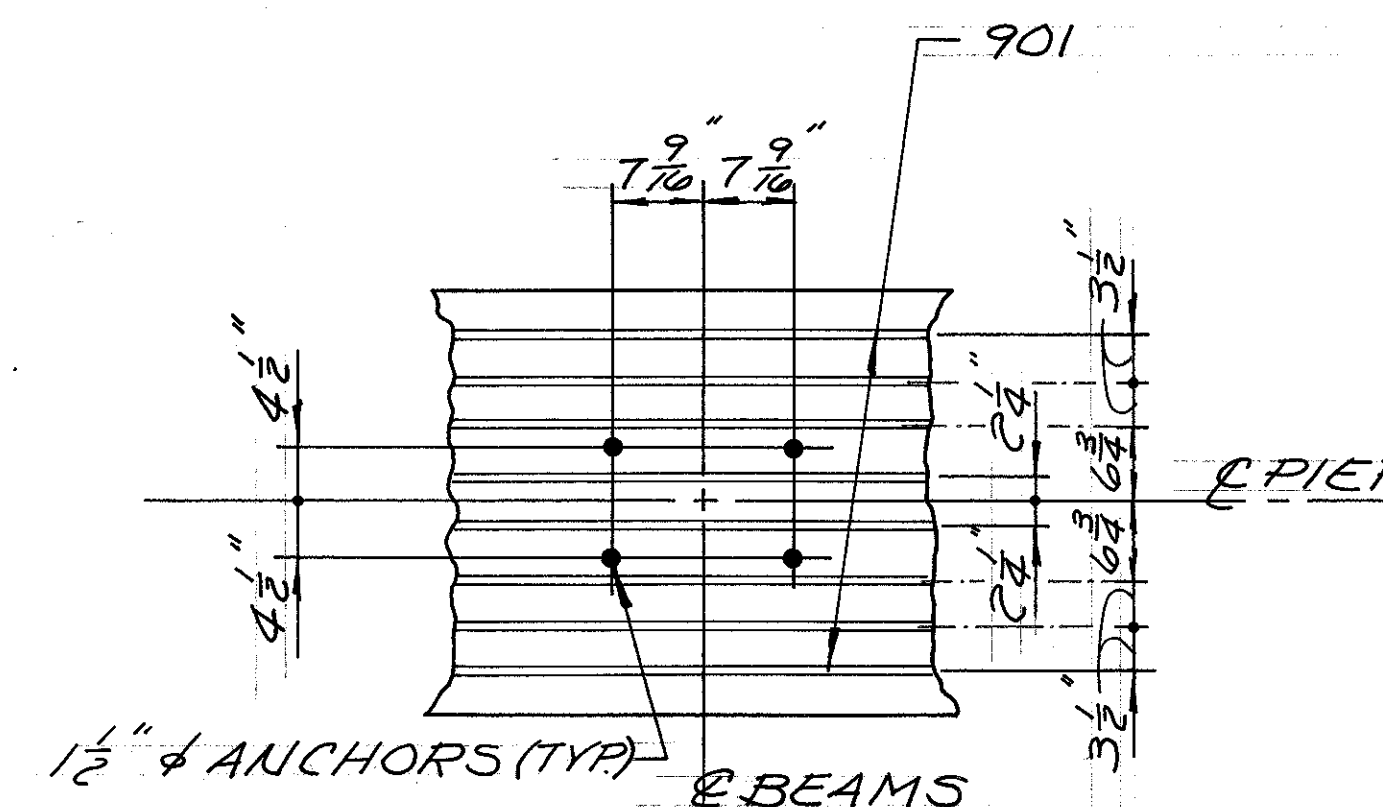
F.H.W.A. REG.	STATE	PROJECT
5	OHIO	

330
455

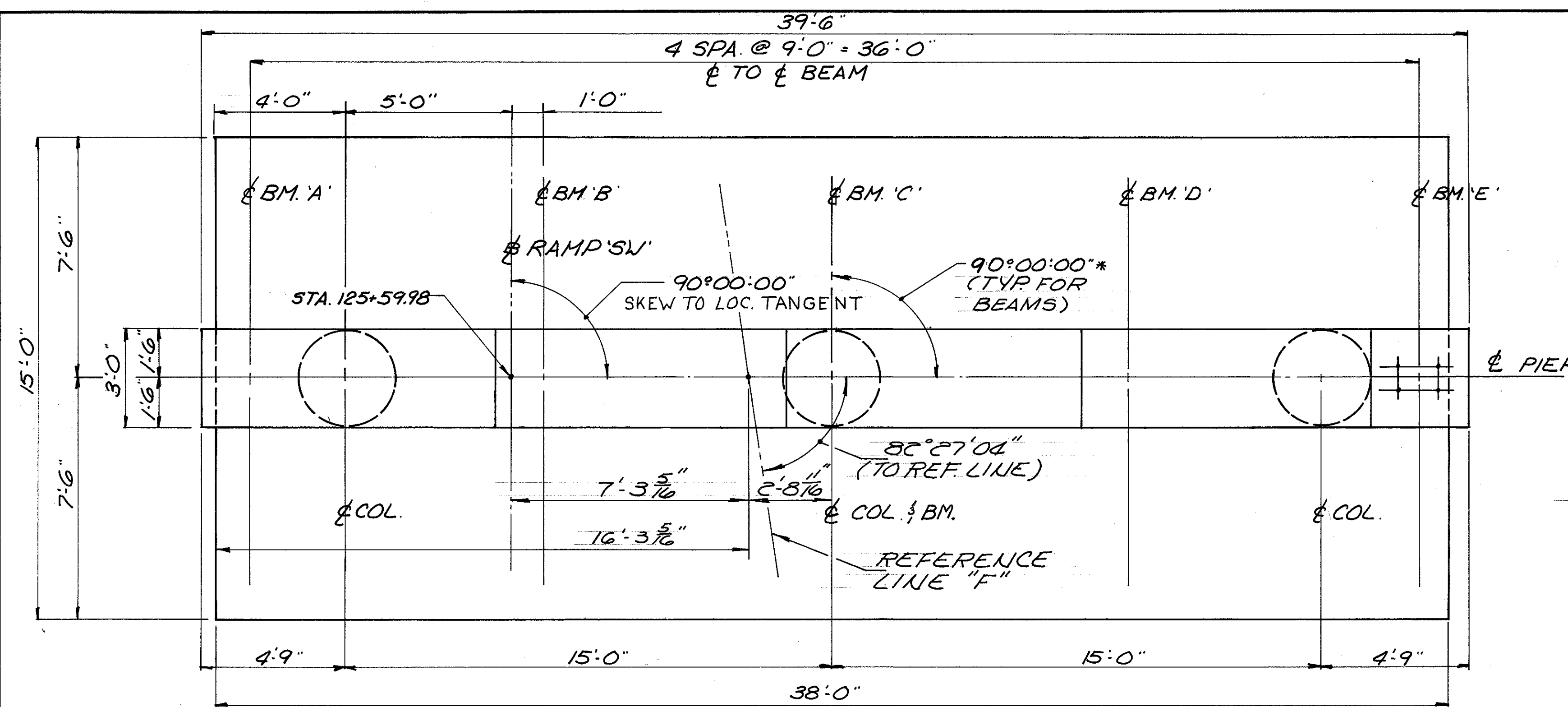
AKRON INNERBELT
SUM-59-0.00

NOTES

- THE PREFIX "3P" SHALL BE ADDED TO ALL PIER REINFORCING BAR MARKS UNLESS SHOWN OTHERWISE.
- FOR ADDITIONAL NOTES SEE SHEET 11/26.

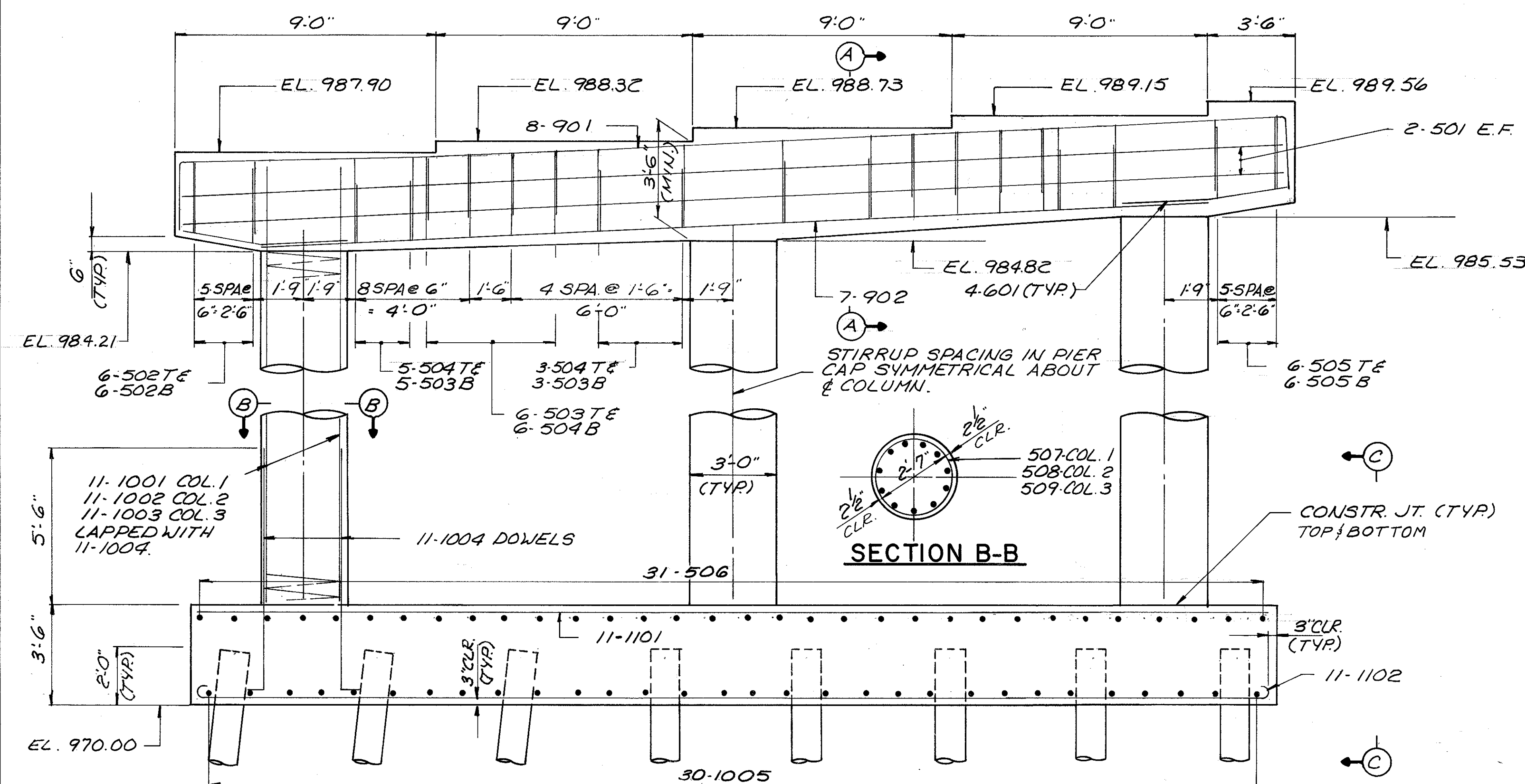


ANCHOR BOLT LOCATION DETAIL
(TYPICAL EACH BEAM)

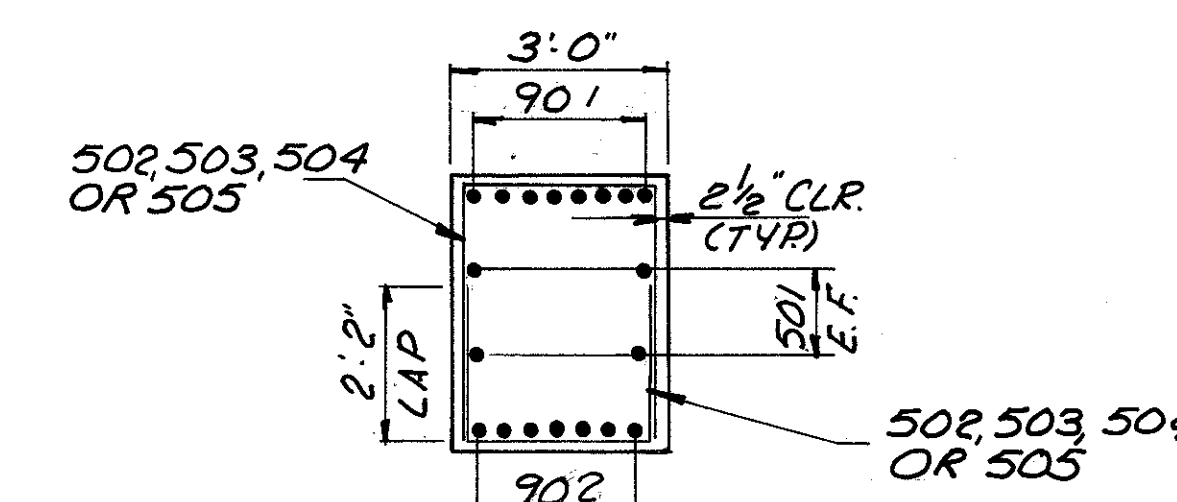


PLAN-PIER P-3

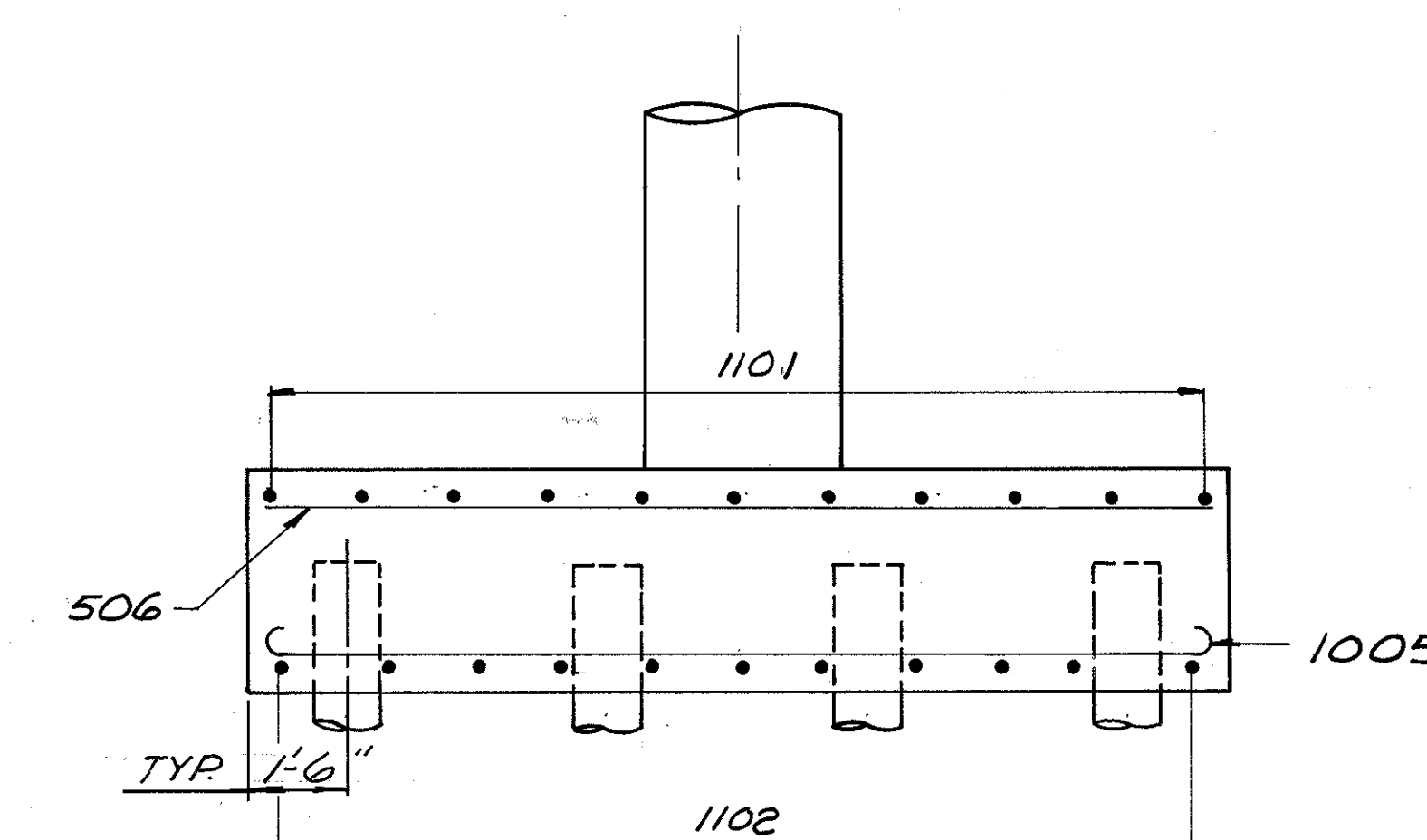
* SEE NOTE ⑦ ON SHT. 11/26



ELEVATION



SECTION A-A



SECTION C-C

DALTON	DALTON	NEWPORT
CLEVELAND, OHIO	AKRON, OHIO	

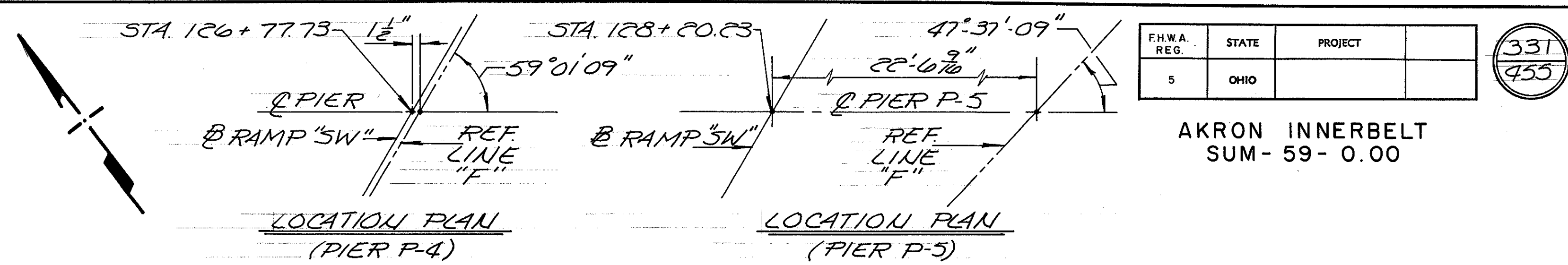
PIER P-3 DETAILS

AKRON INNERBELT - OVER
RELOCATED DART AVE. & RUSSELL AVE.

BR. NO. SUM-59-0002
AKRON OHIO SUMMIT COUNTY

STA. 123 + 53.71 TO STA. 129 + 17.59

DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED	DATE	REVISED
MSC	COG		R.J.P.		12-15-82	



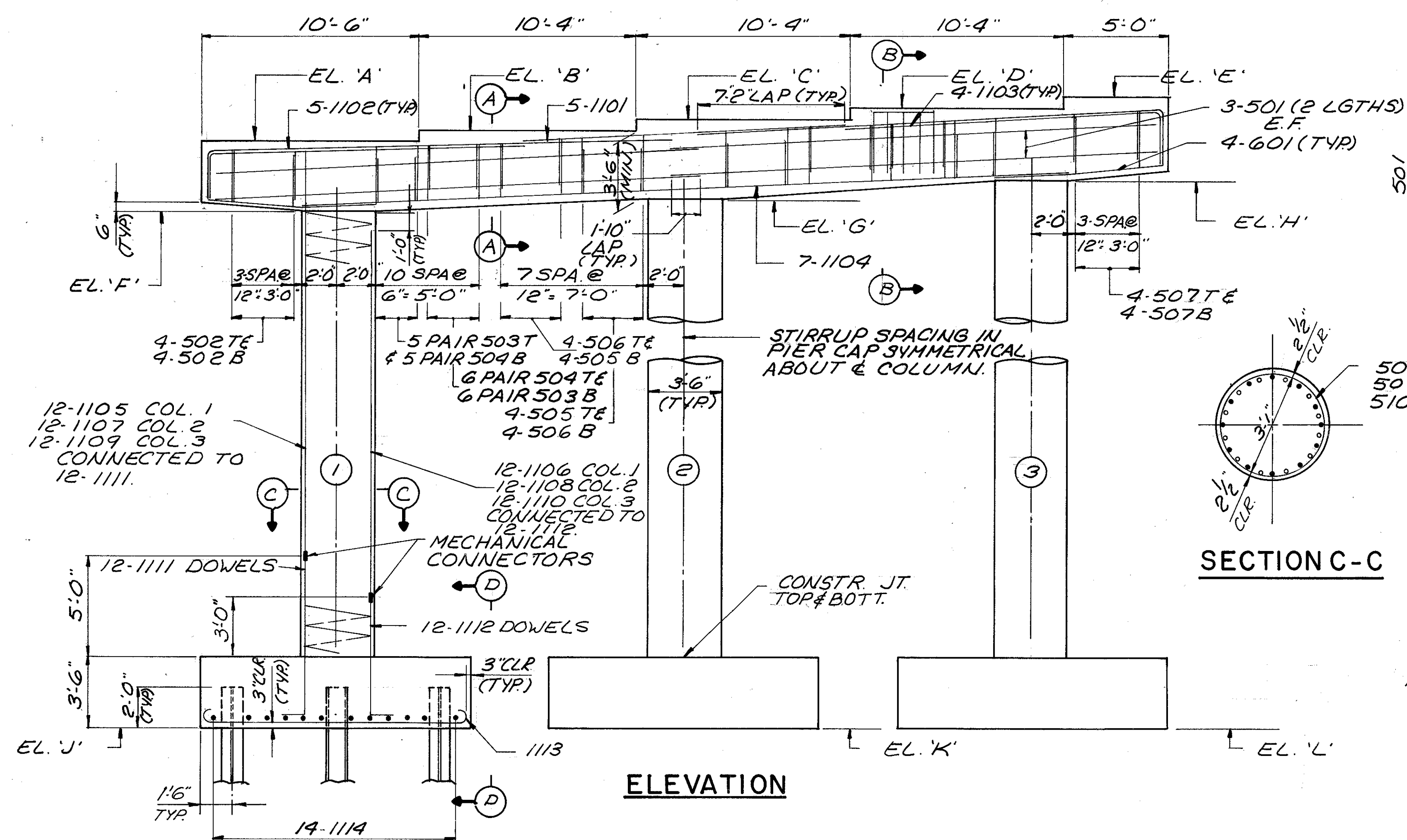
ELEVATION TABLE											
	A	B	C	D	E	F	G	H	J	K	L
PIER A4	988.82	989.40	989.98	990.56	991.14	985.19	985.90	986.90	966.00	967.00	968.00
PIER A5	990.26	990.84	991.42	992.01	992.58	986.63	987.34	988.41	972.00	972.00	972.00

*SKEW ANGLE SHOWN IS TO THE LOCAL
TANGENT OF THE CURVED BEAM AT
THE INTERSECTION WITH THE C/L OF PIER
(TYP. FOR P-4 & P-5)

PLAN PIERS P-4 & P-5

NOTES

- ① THE PREFIX "4P" OR "5P" SHALL BE
ADDED TO ALL REINFORCING BAR MARKS
IN PIER P-4 OR P-5 RESPECTIVELY
UNLESS SHOWN OTHERWISE.
- ② FOR ADDITIONAL NOTES SEE SHEET
11/26

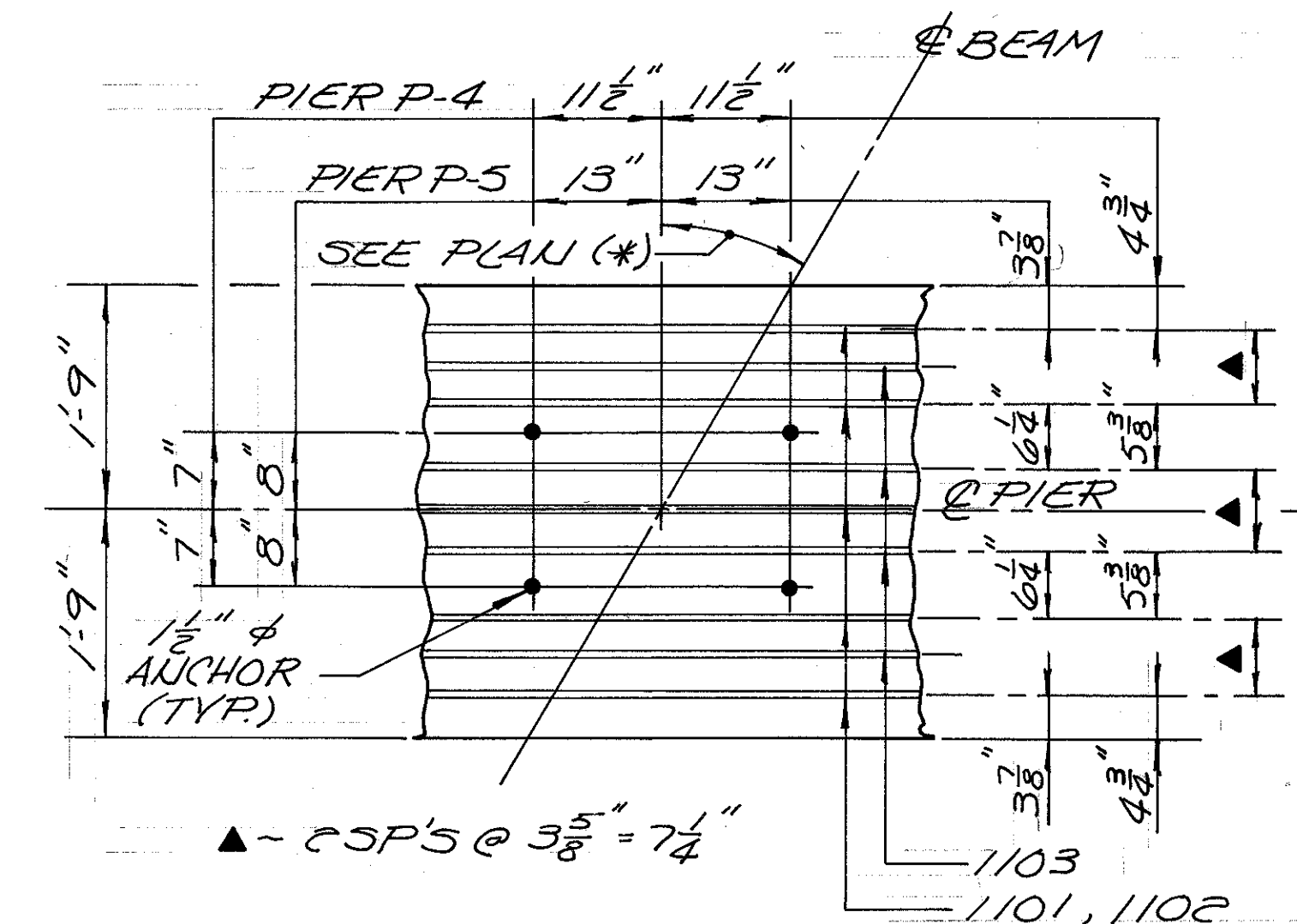


SECTION A-A

SECTION B-B

SECTION C-C

SECTION D-D



ANCHOR BOLT LOCATION DETAIL
(TYPICAL EACH BEAM)

DALTON · DALTON · NEWPORT

CLEVELAND, OHIO

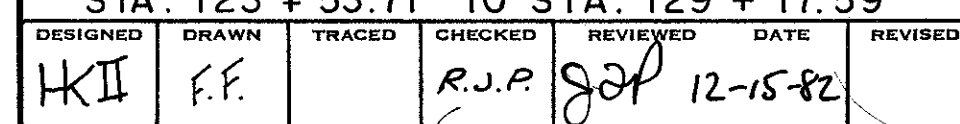
AKRON, OHIO

CLEVELAND, OHIO
AKRON, OHIO
PIER P-4 & PIER P-5
DETAILS

AKRON INNERBELT OVER
RELOCATED DART AVE. & RUSSELL AVE.

BR. NO. SUM-59-0002
AKRON OHIO SUMMIT COUNTY
STA. 123 + 53.71 TO STA. 129 + 17.59

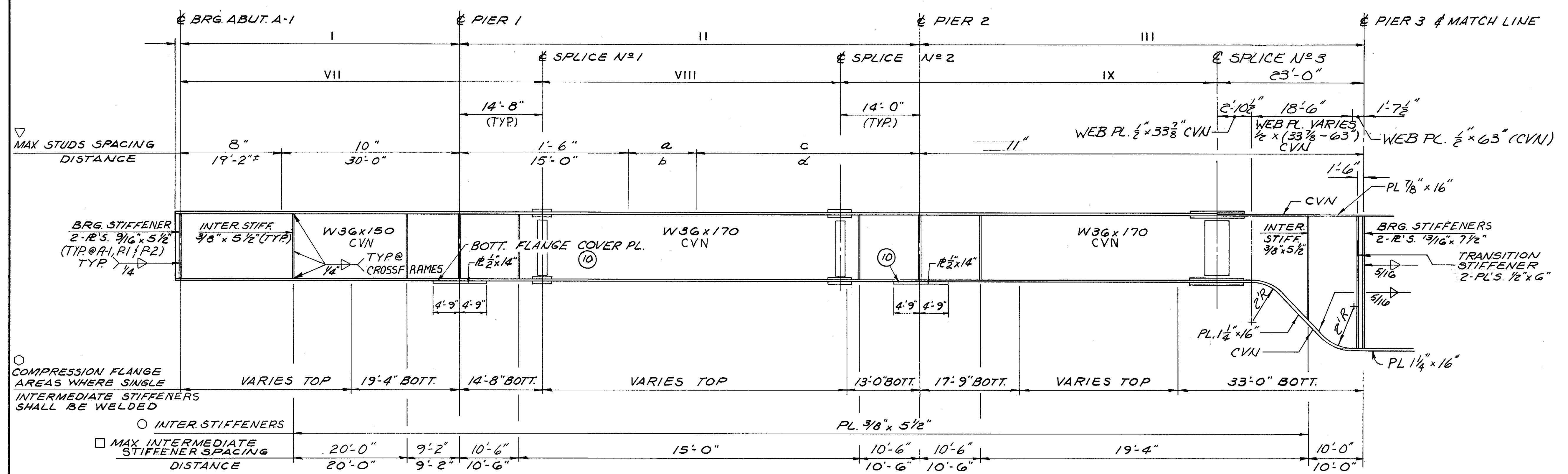
DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED	DATE	REVISED
MSC	CDG		R.J.P.	JGP	12-15-82	



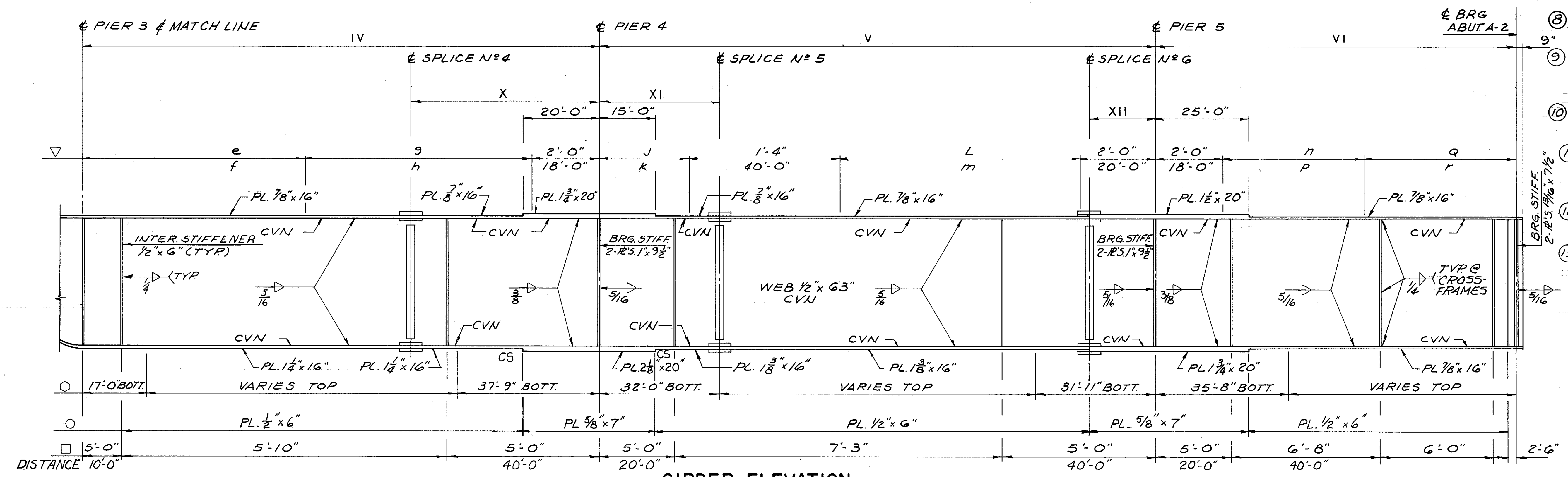
AKRON INNERBELT
SUM - 59 - 0.00

NOTES

- ① ALL STRUCTURAL STEEL SHALL CONFORM TO ASTM A588, GRADE 50 WEATHERING STEEL, UNLESS NOTED OTHERWISE.
- ② INTERMEDIATE STIFFENERS AT LOCATIONS OTHER THAN CROSSFRAMES, SHALL BE PLACED ON ONE SIDE OF THE GIRDER WEB, IN ACCORDANCE WITH MAXIMUM STIFFENER SPACING SHOWN ON THE GIRDER ELEVATION. THESE STIFFENERS SHALL ALTERNATE ON EACH SIDE OF INTERIOR GIRDER WEB. FOR EXTERIOR GIRDERS, ALL STIFFENERS SHALL BE PROVIDED ON THE INSIDE.
- ③ INTERMEDIATE STIFFENERS AT CROSSFRAME LOCATIONS SHALL BE PLACED IN PAIRS, EXCEPT FOR EXTERIOR BEAMS OR GIRDERS.
- ④ WHERE A SHAPE OR PLATE IS DESIGNATED "CVN" THE MATERIAL SHALL MEET SPECIFIED MINIMUM NOTCH TOUGHNESS REQUIREMENTS (AASHTO ZONE 2). ALL FIELD SPLICE MATERIAL, EXCEPT FILL PLATES, SHALL BE "CVN".
- ⑤ WELDED ATTACHMENTS FOR FINISHING MACHINE SUPPORTS MAY BE MADE TO THE FASCIA STRINGER WHERE ITS TOP FLANGE IS IN COMPRESSION. SEE NOTE ①.
- ⑥ FOR FRAMING DETAILS SEE SHEET 15100.
- ⑦ FOR BEARING DETAILS SEE SHEETS 260 THRU 265.
- ⑧ FOR DEFLECTION AND CAMBER DETAILS SEE SHEET 17100 AND 17100.
- ⑨ CS - INDICATES BUTT WELDS SUBJECT TO COMPRESSIVE STRESSES ONLY.
- ⑩ FOR BOTTOM FLANGE COVER PLATE DETAIL SEE SHEET 17100.
- ⑪ AT THE OPTION OF THE CONTRACTOR THE PLATE MAY BE FORMED BY BENDING RATHER THAN WELDING.
- ⑫ FOR TABLE OF VARIABLE DIMENSIONS SEE SHEET 17100.
- ⑬ ALL FLANGE AND BUTT WELDS SHALL BE COMPLETE PENETRATION BUTT WELDS. THE WELD REINFORCEMENTS NEED NOT BE GROUND FLUSH.

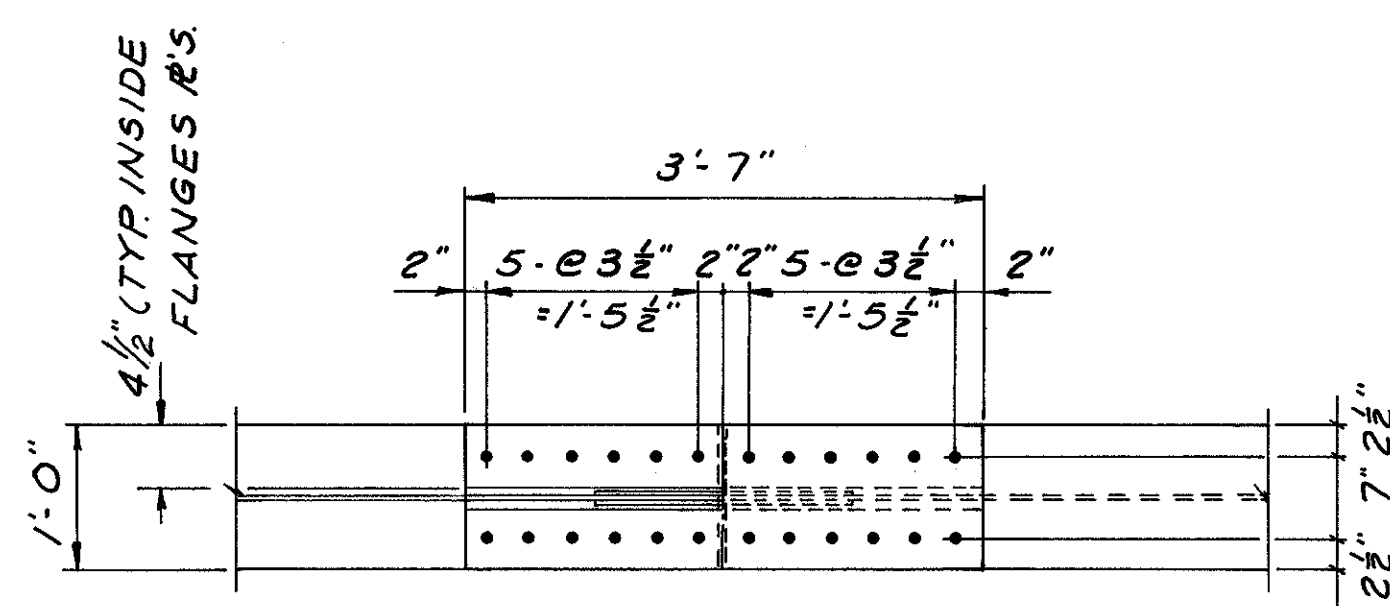


BEAM ELEVATION

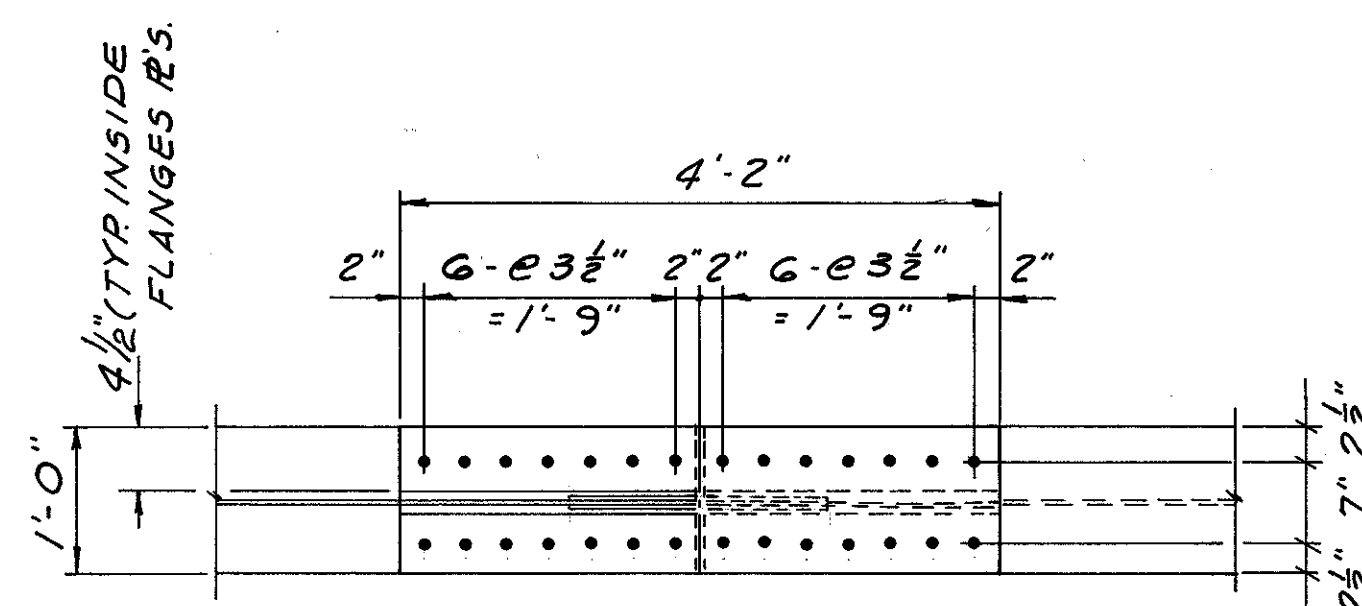


GIRDER ELEVATION

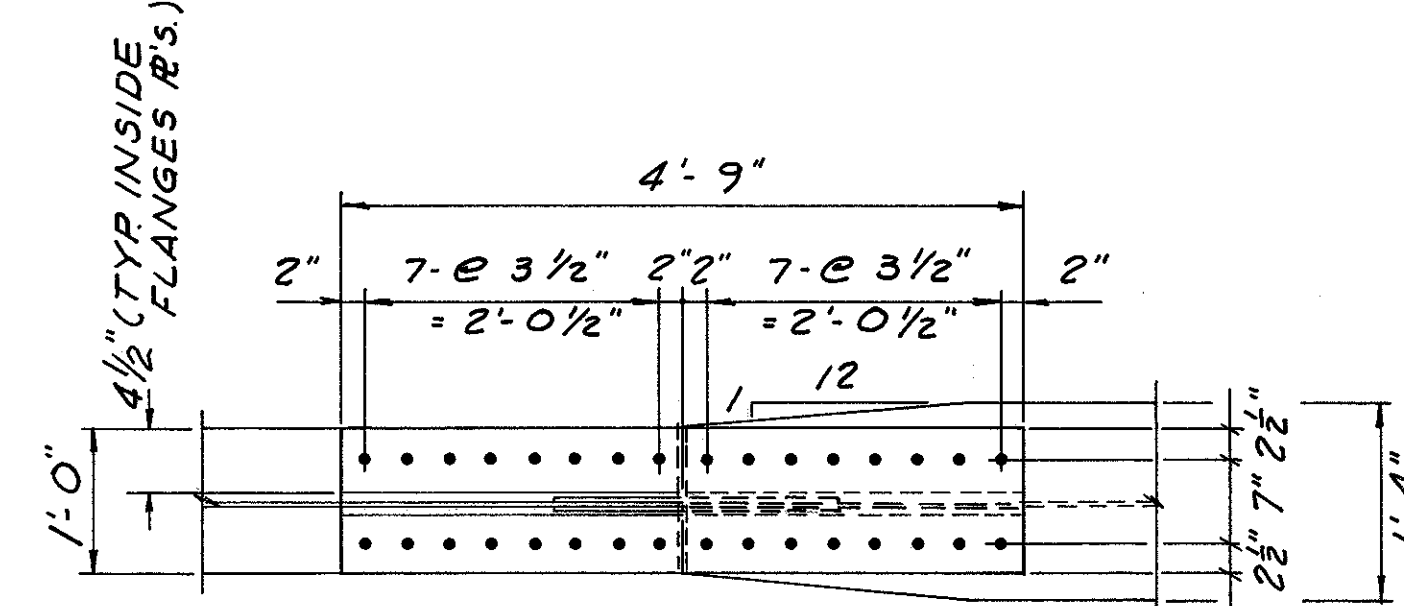
DALTON · DALTON · NEWPORT	
CLEVELAND, OHIO	AKRON, OHIO
GIRDER ELEVATIONS	
AKRON INNERBELT OVER RELOCATED DART AVE. & RUSSELL AVE.	
BR. NO. SUM-59-0002	
AKRON OHIO SUMMIT COUNTY	
STA. 123 + 53.71 TO STA. 129 + 17.59	
DESIGNED K.H.	DRAWN F.F.
TRACED R.J.P.	CHECKED JOT
DATE 12-15-82	REVISION

AKRON INNERBELT
SUM - 59-0.00


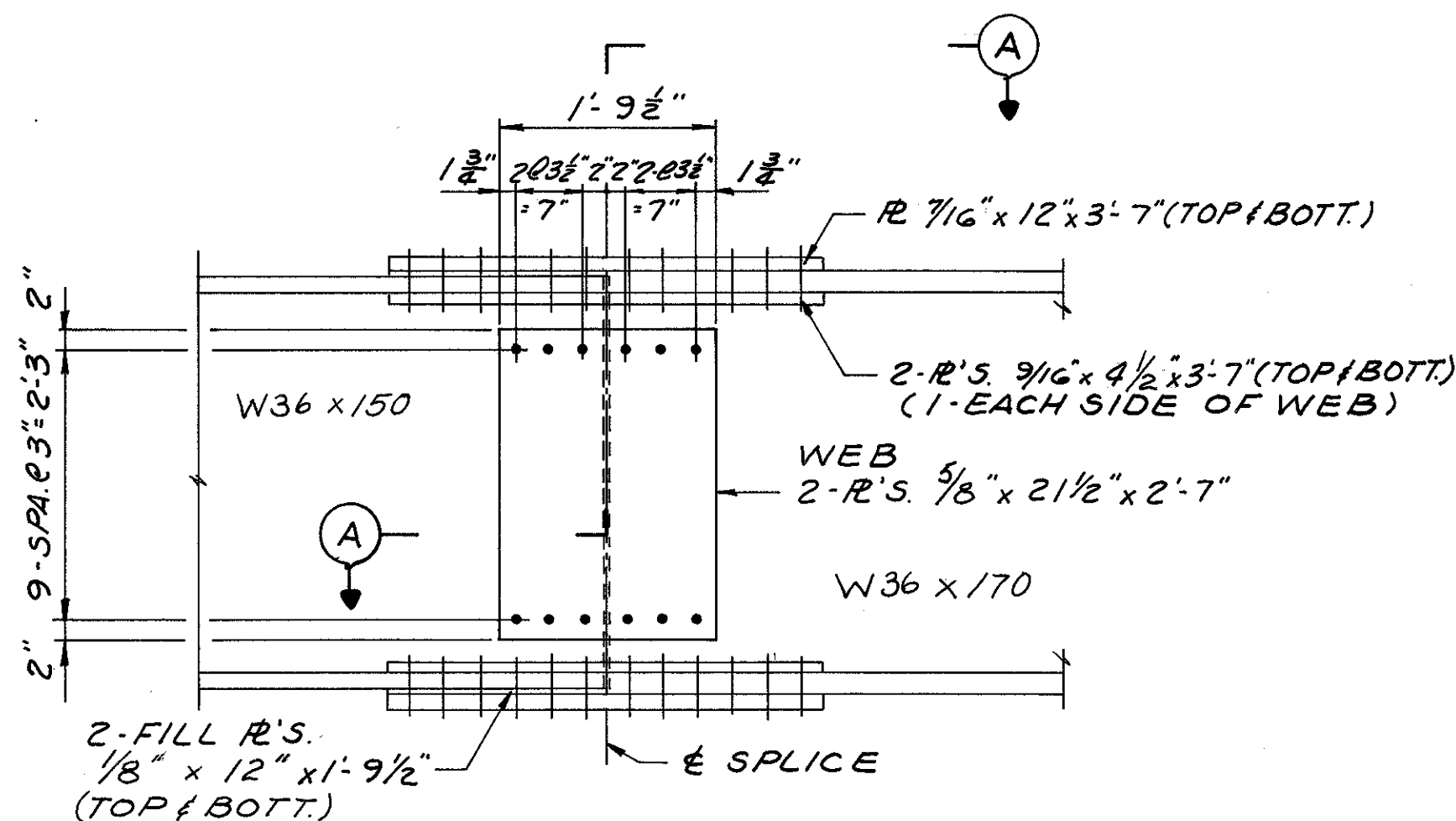
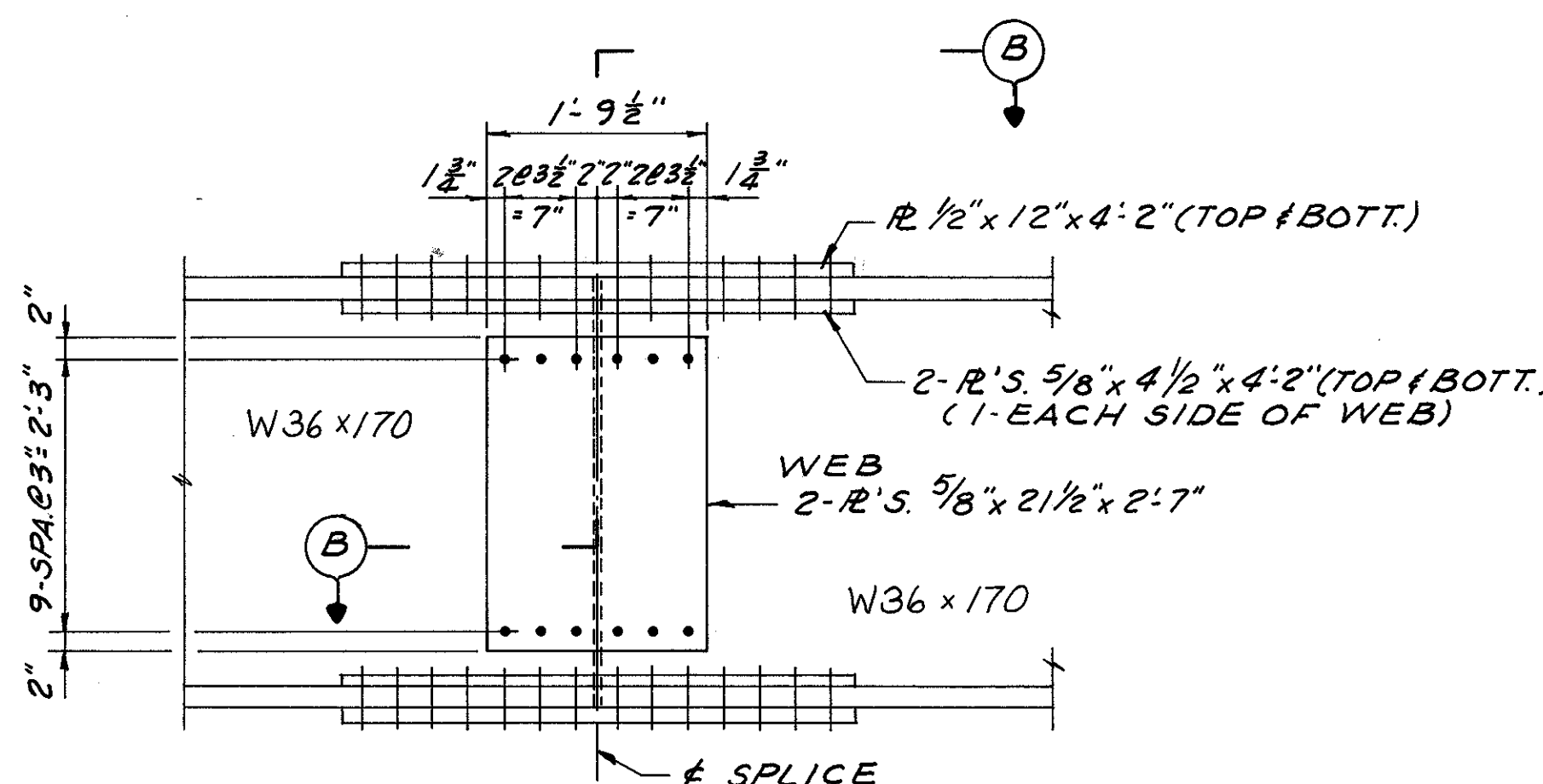
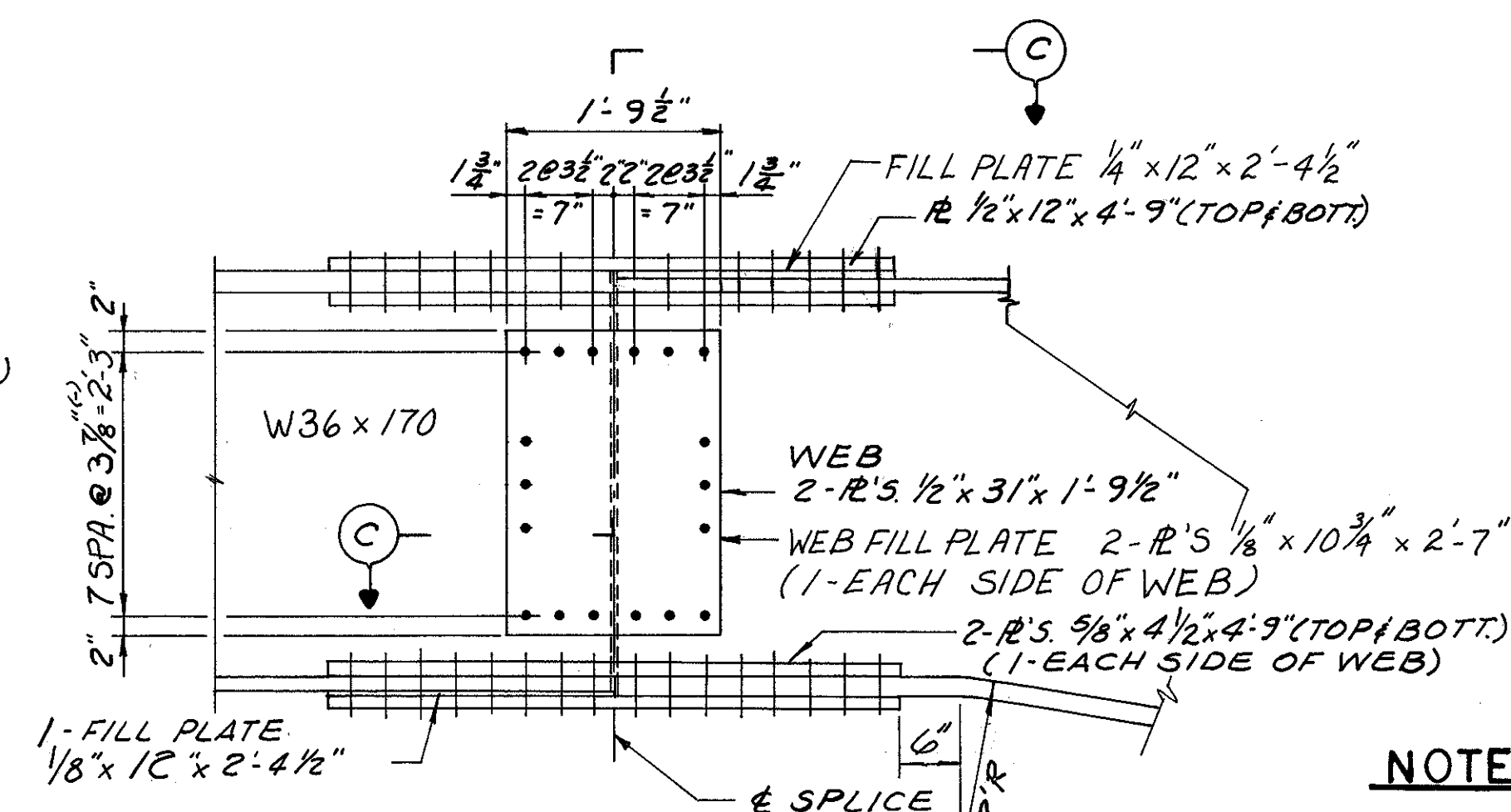
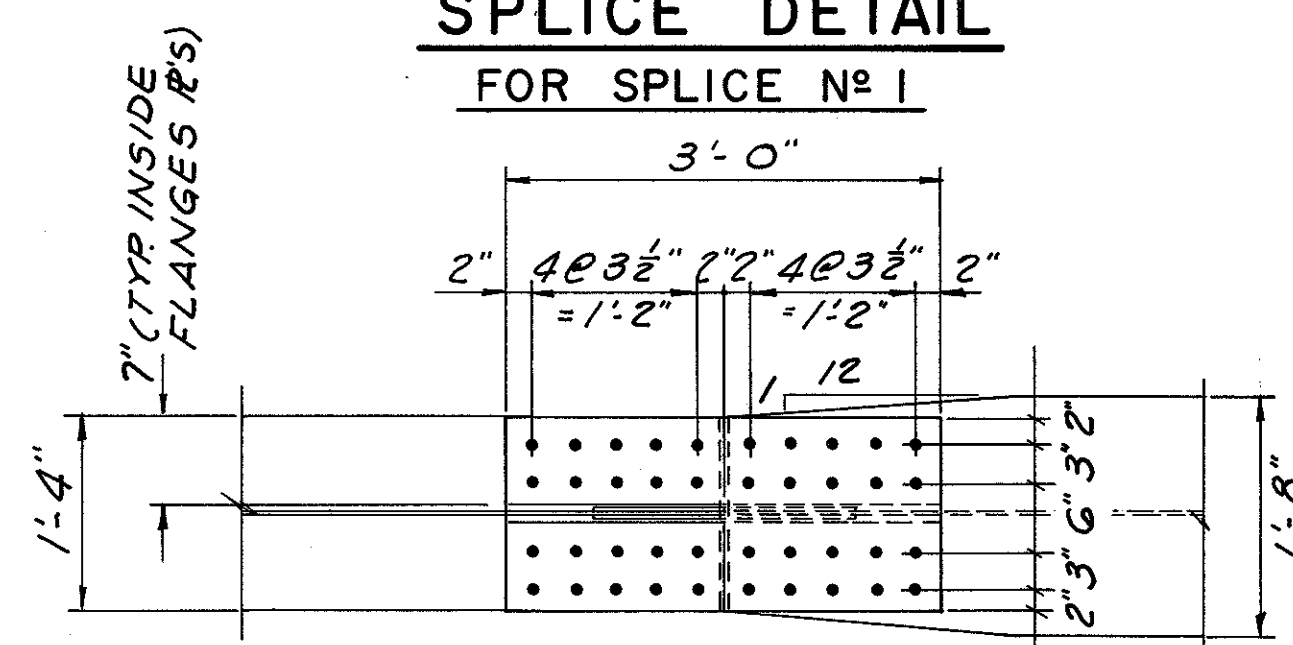
SECTION A-A



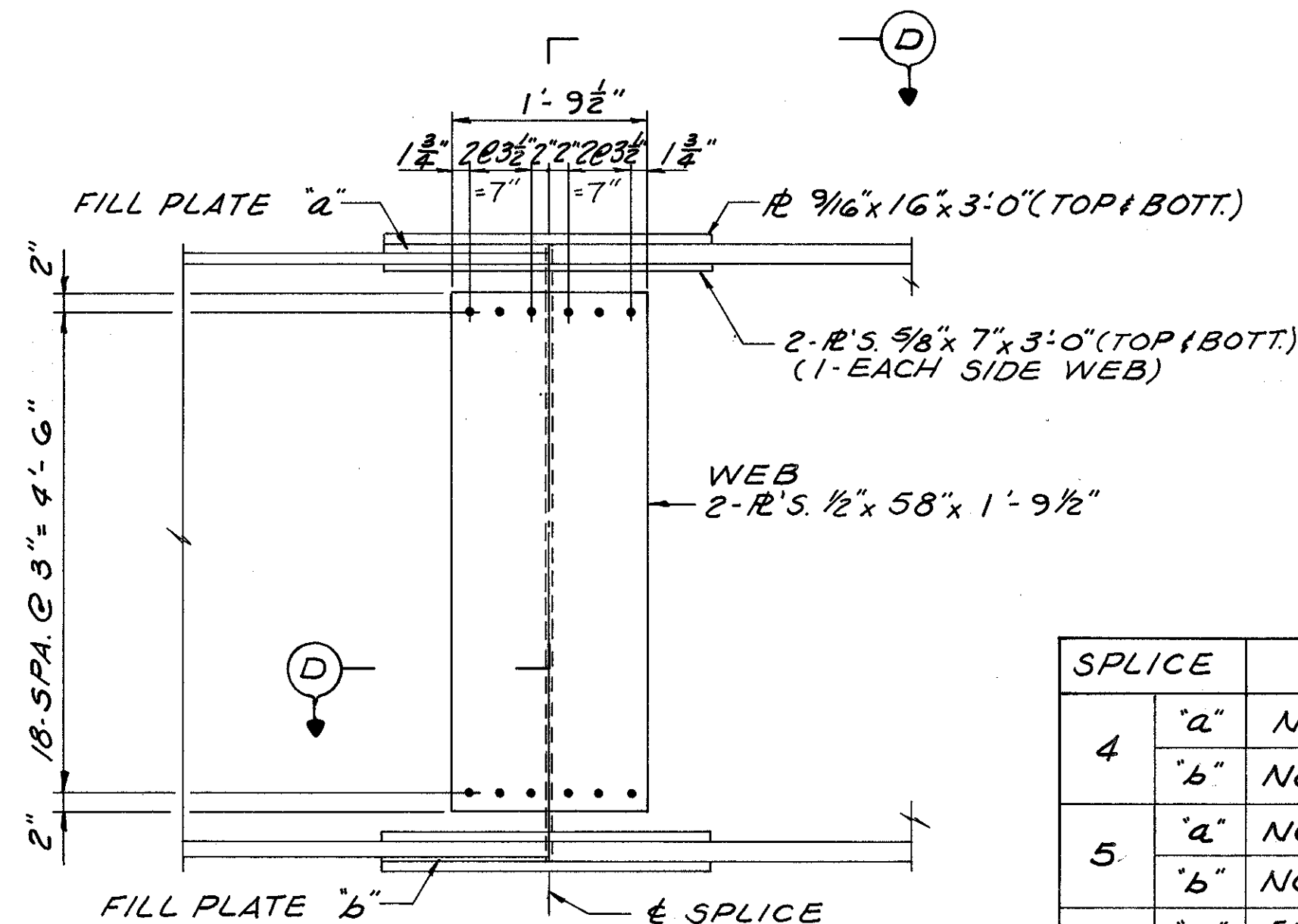
SECTION B-B



SECTION C-C

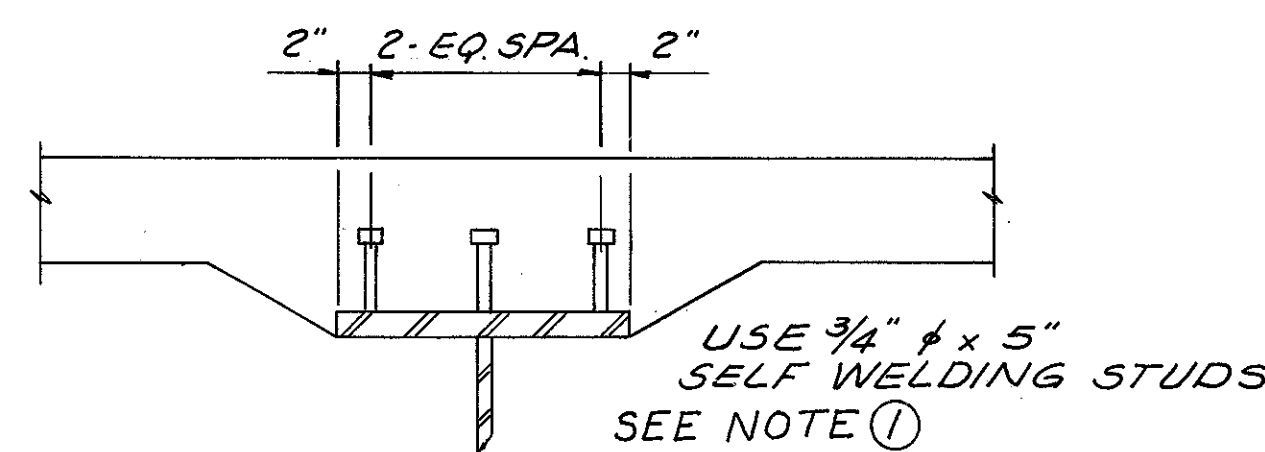

SPlice DETAIL
FOR SPlice No 1

SPlice DETAIL
FOR SPlice No 2

SPlice DETAIL
FOR SPlice No 3


SECTION D-D

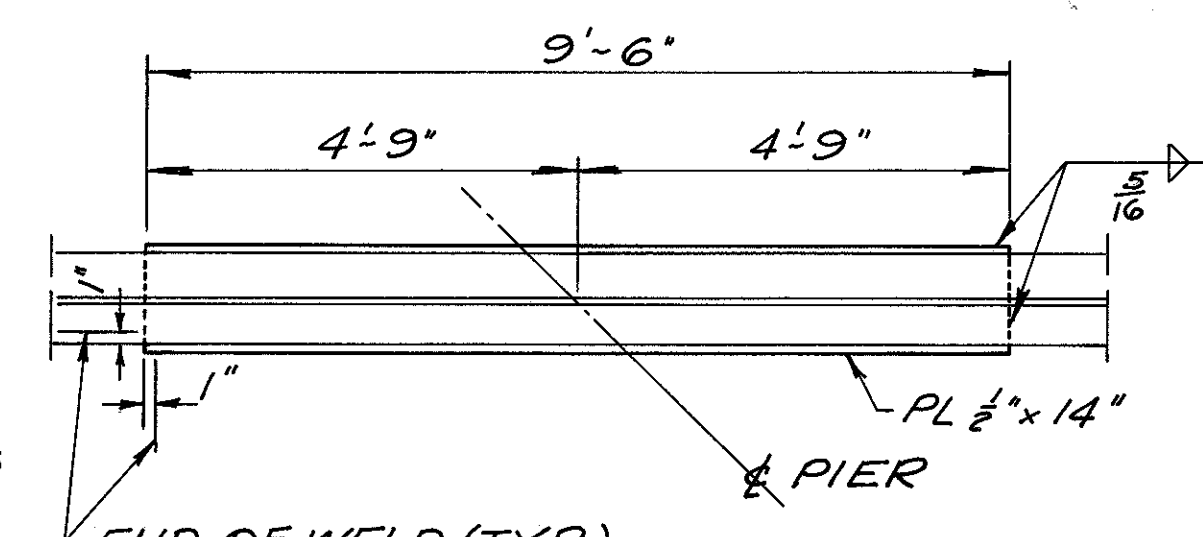

SPlice DETAIL
FOR SPlice No 6
4 & 5 SIMILAR

SPlice	FILL PLATE
4	"a" NOT NEEDED
	"b" NOT NEEDED
5	"a" NOT NEEDED
	"b" NOT NEEDED
6	"a" 5/8" x 16" x 1'-6"
	"b" 3/8" x 16" x 1'-6"

GIRDER	DIMENSIONS															
	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII				
A	49'-2"	75'-3 9/16"	75'-10 1/16"	111'-11 3/16"	140'-10 7/8"	91'-8 9/16"	63'-10"	46'-7 9/16"	66'-10 1/16"	44'-11 1/16"	32'-0"	17'-6 1/16"				
B	49'-2"	76'-8 15/16"	76'-6 15/16"	118'-5 1/16"	142'-8 3/8"	92'-10 9/16"	63'-10"	48'-0 15/16"	67'-6 7/8"	45'-0 1/16"	32'-0"	17'-6"				
C	49'-2"	78'-2 1/4"	77'-3 1/8"	125'-0"	144'-5 7/8"	94'-0 9/16"	63'-10"	49'-6 1/4"	68'-3 1/8"	45'-0 7/16"	32'-0 1/16"	17'-5 15/16"				
D	49'-1 5/16"	79'-7 9/16"	77'-11 3/8"	131'-6"	146'-3 3/8"	95'-2 1/2"	63'-9 15/16"	50'-11 9/16"	68'-11 3/8"	45'-0 7/8"	32'-0 3/16"	17'-5 5/16"				
E	49'-1 5/16"	81'-0 15/16"	78'-7 9/16"	137'-11 13/16"	148'-0 7/8"	96'-4 1/2"	63'-9 15/16"	52'-4 5/16"	69'-7 5/8"	45'-1 1/16"	32'-0 5/16"	17'-6"				
GIRDER	DIMENSIONS															
	a	b	c	d	e	f	g	h	j	k	L	m	n	p	q	r
A	9"	VARIES	14"	15'-2"	14"	VARIES	13"	37'-11"	24"	40'-0"	15"	VARIES	14"	VARIES	12"	35'-0"
B	9"	↑	↑	14'-0"	16"	↑	16"	44'-0"	↑	36'-0"	17"	↑	12"	↑	14"	42'-0"
C	10"	↓	↓	14'-0"	↑	↓	↑	49'-4"	↓	32'-0"	↓	↓	17"	↓	10"	29'-2"
D	10"	↓	↓	12'-10"	↓	↓	↓	54'-8"	↓	28'-0"	↓	↓	15"	↓	12"	35'-0"
E	11"	VARIES	14"	11'-8"	16"	VARIES	16"	60'-0"	24"	24'-0"	17"	VARIES	14"	VARIES	14"	40'-10"



TYPICAL STUD SPACING


BOTTOM FLANGE
COVER PLATE DETAIL

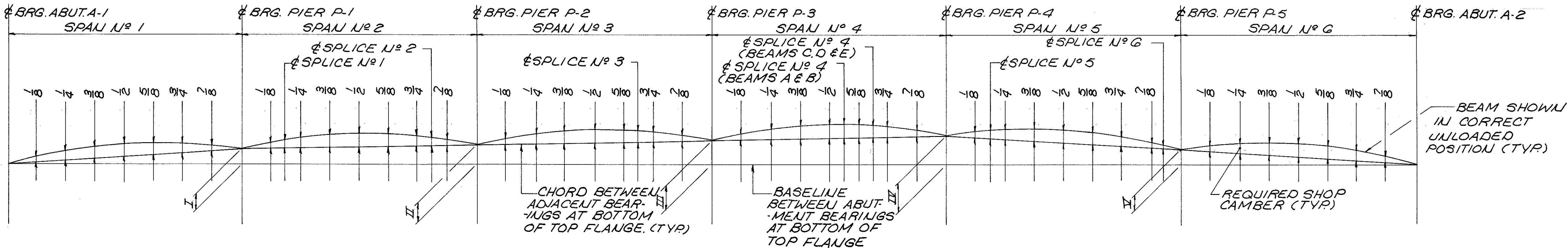
NOTES

- LOCATE CONNECTORS IN GROUPS OF 3 AS SHOWN. SHEAR CONNECTORS MAY BE SHIFTED TO CLEAR BOLT HEADS ON SPLICES. FOR SPACING ALONG BEAMS AND GIRDERS SEE ELEVATIONS. STUD WELDING SHALL BE IN ACCORDANCE WITH A.W.S. D1.1-80, SECTION 4, PART F.
- ALL FIELD SPLICES SHALL BE MADE WITH 1" DIAMETER HIGH STRENGTH STEEL BOLTS, CONFORMING TO A325, TYPE 3. THE BOLTS SHALL BE PLACED WITH THEIR HEADS ON THE OUTSIDE FACE OF EXTERIOR GIRDER AND ON THE BOTTOM OF THE BOTTOM FLANGE PLATES AND ON TOP OF THE TOP FLANGE PLATES.
- FOR ADDITIONAL NOTES, SEE SHEET 16/26.

DALTON · DALTON · NEWPORT
CLEVELAND, OHIO AKRON, OHIO

SPlice DETAILS
AKRON INNERBELT OVER
RELOCATED DART AVE. & RUSSELL AVE.
BR. NO. SUM-59-0002
AKRON OHIO SUMMIT COUNTY
STA. 123 + 53.71 TO STA. 129 + 17.59
DESIGNED DRAWN TRACED CHECKED REVIEWED DATE REVISED
HII F.F. R.J.P. 12-15-82

AKRON INNERBELT
SUM- 59 - 0.00



LAYOUT DIAGRAM OFFSETS					
BEAM OR GIRDER	I	II	III	IV	V
A	0"	0"	-1/4"	-1 1/8"	-2 1/8"
B	1/16"	1/16"	1/8"	3/16"	1/16"
C	3/8"	15/16"	1 1/2"	2"	13/16"
D	1 1/16"	1 3/4"	2 13/16"	3 3/4"	1 1/8"
E	1"	2 1/16"	4 3/16"	5 1/2"	2 3/16"

NOTE: A NEGATIVE OFFSETS INDICATES THAT THE DIMENSION IS BELOW THE BASELINE BETWEEN ABUTMENT BEARINGS.

LAYOUT DIAGRAM

BEAM A					
LOCATION	(a)	(b)	(c)	(d)	(e)
ABUTMENT A-1 SW-1					
1/8 PT.	.0065	.0380	.1300	.0000	.1745
1/4 PT.	.0140	.0740	.2100	.0000	.2980
3/8 PT.	.0147	.0755	.2150	.0000	.3052
1/2 PT.	.0100	.0530	.1400	.0000	.2030
5/8 PT.	.0065	.0320	.0600	.0000	.0985
3/4 PT.	.0040	.0175	.0250	.0000	.0465
7/8 PT.	.0015	.0030	.0125	.0000	.0170
PIER P-1					
1/8 PT.	.0447	.1720	.1625	.0000	.3792
1/4 PT.	.0663	.3029	.2530	.0000	.6223
1/2 PT.	.0820	.4220	.3600	.0000	.8640
3/8 PT.	.1102	.6487	.5425	.0000	1.3015
1/2 PT.	.1370	.7160	.6000	.0000	1.4530
5/8 PT.	.1062	.6600	.5275	.0000	1.2937
3/4 PT.	.0780	.4060	.3300	.0000	.8140
1/2 PT.	.0595	.2527	.2147	.0000	.5269
7/8 PT.	.0400	.1287	.1475	.0000	.3162
PIER P-2					
1/8 PT.	.0115	.0897	.1025	.0350	.2387
1/4 PT.	.0235	.1865	.2400	.0698	.5198
3/8 PT.	.0332	.2817	.3850	.1048	.8048
1/2 PT.	.0430	.3010	.4400	.1397	.9237
5/8 PT.	.0260	.2265	.3400	.1308	.7233
1/2 PT.	.0115	.1277	.1728	.0919	.4038
3/4 PT.	.0105	.1170	.1550	.0871	.3696
7/8 PT.	.0040	.0427	.0600	.0437	.1505
PIER P-3					
1/8 PT.	.0467	.1720	.1875	.0000	.4062
1/4 PT.	.0885	.3745	.3750	-.0225	.8155
3/8 PT.	.1122	.4607	.4800	-.0339	1.0191
1/2 PT.	.0950	.4380	.4300	-.0452	.9178
1/2 PT.	.0578	.3156	.2930	-.0540	.6124
5/8 PT.	.0497	.2660	.2425	-.0566	.5016
3/4 PT.	.0260	.0765	.0850	-.0679	.1196
7/8 PT.	.0150	-.0140	.0400	-.0791	-.0381
PIER P-4					
1/8 PT.	.1017	.3127		.0000	.6395

BEAM A CONTINUED					
LOCATION	(a)	(b)	(c)	(d)	(e)
1/2 PT.					
1/2 PT.	.2216	.7197	.4223	.0000	1.3637
1/4 PT.	.2500	.8260	.4750	.0000	1.5510
3/8 PT.	.3937	1.3310	.7475	.0000	2.4722
1/2 PT.	.4530	1.5450	.8600	.0000	2.8580
5/8 PT.	.4147	1.3667	.7950	.0000	2.5765
3/4 PT.	.2820	.9840	.5200	.0000	1.7860
7/8 PT.	.1485	.3890	.2375	.0000	.7750
1/2 PT.	.1478	.3847	.2360	.0000	.7685
PIER P-5					
1/8 PT.	-.0305	-.0675	-.0025	.0000	-.1005
1/4 PT.	-.0420	-.0745	-.0150	.0000	-.1315
3/8 PT.	-.0287	.0115	-.0275	.0000	-.0448
1/2 PT.	.0190	.1650	.2600	.0000	.4440
5/8 PT.	.0392	.2665	.3825	.0000	.6882
3/4 PT.	.0600	.3115	.4850	.0000	.8565
7/8 PT.	.0522	.2642	.4375	.0000	.7540
ABUTMENT A-2 SW-1					
BEAM B					
ABUTMENT A-1 SW-1					
1/8 PT.	.0052	.0377	.1625	.0000	.2055
1/4 PT.	.0115	.0765	.2400	.0000	.3280
3/8 PT.	.0102	.0717	.2275	.0000	.3095
1/2 PT.	.0040	.0470	.1600	.0000	.2110
5/8 PT.	.0027	.0205	.0500	.0000	.0732
3/4 PT.	.0015	.0135	.0400	.0000	.0550
7/8 PT.	.0002	.0072	.0225	.0000	.0300
PIER P-1					
1/8 PT.	.0650	.2887	.2500	.0000	.6037
1/4 PT.	.0994	.5579	.3823	.0000	1.0395
1/2 PT.	.1135	.7190	.5000	.0000	1.3325
3/8 PT.	.1372	.9025	.6300	.0000	1.6697
1/2 PT.	.1610	.8750	.6200	.0000	1.6560
5/8 PT.	.1260	.7500	.5200	.0000	1.3960
3/4 PT.	.0920	.4930	.3400	.0000	.9250
1/2 PT.	.0721	.3390	.2271	.0000	.6383
7/8 PT.	.0497	.2150	.1525	.0000	.4172

BEAM B CONTINUED					
LOCATION	(a)	(b)	(c)	(d)	(e)
PIER P-2					
1/8 PT.	.0012	.0277	.0875	.0000	.1165
1/4 PT.	.0030	.1095	.2150	.0000	.3275
3/8 PT.	.0062	.2032	.3875	.0000	.5970
1/2 PT.	.0100	.2290	.4400	.0000	.6790
5/8 PT.	.0047	.1400	.2750	.0000	.4102
1/2 PT.	.0142	.0613	.1050	.0000	.1521
3/4 PT.	.0145	.0525	.0950	.0000	.1330
7/8 PT.	.0100	.0085	.0275	.0000	.0260
PIER P-3					
1/8 PT.	.0827	.2970	.2100	.0000	.5897
1/4 PT.	.1570	.6485	.4150	.0000	1.2205
3/8 PT.	.1952	.8710	.5750	.0000	1.6412
1/2 PT.	.1880	.9380	.5700	.0000	1.6960
1/2 PT.	.1435	.6966	.4097	.0000	1.2498
5/8 PT.	.1405	.6800	.4025	.0000	1.2230
3/4 PT.	.0630	.3050	.2400	.0000	.6080
7/8 PT.	.0200	.0942	.1150	.0196	.2489
PIER P-4					
1/8 PT.	.0912	.2972	.2000	.0000	.5885
1/4 PT.	.2047	.7501	.3806	.0000	1.3354
1/2 PT.	.2415	.8830	.4450	.0000	1.5695
3/8 PT.	.4180	1.4335	.7275	.0000	2.5790
1/2 PT.	.4950	1.7470	.8800	.0000	3.1220
5/8 PT.	.4447	1.5192	.7900	.0000	2.7540
3/4 PT.	.3085	1.0695	.5450	.0000	1.9230
7/8 PT.	.1430	.4922	.2625	.0000	.8977
1/2 PT.	.1398	.4811	.2575	.0000	.8785
PIER P-5					
1/8 PT.	-.0177	-.0497	.0000	.0000	-.0675
1/4 PT.	-.0320	-.0580	.0000	.0000	-.0900
3/8 PT.	-.0095	.0980	.1200	.0000	.2085
1/2 PT.	.0290	.2950	.3700	.0000	.6940
5/8 PT.	.0530	.3280	.5000	.0000	.8810
3/4 PT.	.0510	.3045	.4500	.0000	.8055
7/8 PT.	.0325	.1625	.2650	.0000	.4600
ABUTMENT A-2 SW-1					

- ① FOR FRAMING PLAN AND BEAM & GIRDER ELEVATIONS SEE SHEETS 15 [26] THRU 16 [26].
- ② A POSITIVE CAMBER VALUE MEANS THE CAMBER ABOVE AND A NEGATIVE CAMBER VALUE MEANS THE CAMBER BELOW THE CHORD BETWEEN ADJACENT BEARINGS IN THAT SPAN.
- ③ FOR DEFLECTION AND CAMBER TABLES FOR BEAMS C, D & E SEE SHEET 19 [26].
- ④ ALL DEFLECTIONS ARE GIVEN IN DECIMALS OF AN INCH.
- ⑤ SEE STRUCTURE GENERAL NOTES FOR HEAT CURVING OF BEAM AND GIRDERS.
- LEGEND
- (a) DEFLECTION DUE TO WEIGHT OF STEEL
- (b) DEFLECTION DUE TO REMAINING DEAD LOAD
- (c) ADJUSTMENT REQUIRED FOR HEAT CURVING
- (d) ADJUSTMENT REQUIRED FOR VERTICAL CURVE
- (e) REQUIRED SHOP CAMBER

AKRON INNERBELT
SUM- 59-0.00

BEAM C						BEAM D						BEAM E					
LOCATION	(a)	(b)	(c)	(d)	(e)	LOCATION	(a)	(b)	(c)	(d)	(e)	LOCATION	(a)	(b)	(c)	(d)	(e)
ABUTMENT A-1 SW-1						ABUTMENT A-1 SW-1						ABUTMENT A-1 SW-1					
1/8 PT.	.0050	.0370	.1250	.0000	.1670	1/8 PT.	.0027	.0337	.1700	.0000	.2065	1/8 PT.	.0012	.0090	.1000	.0000	.1102
1/4 PT.	.0100	.0665	.2300	.0000	.3065	1/4 PT.	.0065	.0505	.2550	.0000	.3120	1/4 PT.	.0025	.0190	.2100	.0000	.2315
3/8 PT.	.0120	.0787	.2600	.0000	.3507	3/8 PT.	.0080	.0560	.2125	.0000	.2765	3/8 PT.	.0030	.0260	.1850	.0000	.2140
1/2 PT.	.0060	.0650	.2300	.0000	.3010	1/2 PT.	.0040	.0310	.1100	.0000	.1450	1/2 PT.	.0020	.0050	.0000	.0000	.0070
5/8 PT.	.0005	.0155	.0625	.0000	.0785	5/8 PT.	-.0022	-.0010	.0000	.0000	-.0032	5/8 PT.	.0105	-.0557	-.2425	.0000	-.3087
3/4 PT.	-.0015	-.0380	-.0150	.0000	-.0545	3/4 PT.	-.0050	-.0300	.0000	.0000	-.0350	3/4 PT.	-.0095	-.0465	-.1600	.0000	-.2160
7/8 PT.	-.0012	-.0345	-.0025	.0000	-.0382	7/8 PT.	-.0025	-.0177	.0000	.0000	-.0202	7/8 PT.	-.0047	-.0237	-.0850	.0000	-.1135
PIER P-1						PIER P-1						PIER P-1					
1/8 PT.	.0470	.2557	.1750	.0000	.4777	1/8 PT.	.0625	.1860	.2000	.0000	.4485	1/8 PT.	.0785	.3282	.2100	.0000	.6167
5/8 PT. N° 1	.0847	.4333	.2629	.0000	.7808	5/8 PT. N° 1	.0994	.3359	.2952	.0000	.7305	5/8 PT. N° 1	.1134	.5047	.3002	.0000	.9183
1/4 PT.	.1115	.6245	.4000	.0000	1.1360	1/4 PT.	.1400	.6270	.4250	.0000	1.1920	1/4 PT.	.1560	.7425	.4400	.0000	1.3385
3/8 PT.	.1505	.9107	.6100	.0000	1.6712	3/8 PT.	.1950	1.0665	.6275	.0000	1.8890	3/8 PT.	.2110	1.0975	.6775	.0000	1.9860
1/2 PT.	.1850	1.0290	.6800	.0000	1.8940	1/2 PT.	.2150	1.1560	.7100	.0000	2.0810	1/2 PT.	.2400	1.2030	.7500	.0000	2.1930
5/8 PT.	.1527	.8775	.6100	.0000	1.6402	5/8 PT.	.1840	1.0130	.6625	.0000	1.8595	5/8 PT.	.2142	1.1052	.6600	.0000	1.9795
3/4 PT.	.1120	.6180	.4000	.0000	1.1300	3/4 PT.	.1405	.6955	.4450	.0000	1.2810	3/4 PT.	.1555	.7580	.4650	.0000	1.3785
5/8 PT. N° 2	.0833	.4478	.2505	.0000	.7816	5/8 PT. N° 2	.0938	.4136	.2733	.0000	.7807	5/8 PT. N° 2	.1052	.4675	.3100	.0000	.8828
7/8 PT.	.0585	.3120	.1750	.0000	.5455	7/8 PT.	.0625	.2025	.1975	.0000	.4625	7/8 PT.	.0750	.3050	.2250	.0000	.6050
PIER P-2						PIER P-2						PIER P-2					
1/8 PT.	-.0062	-.0112	.0475	.0000	.0300	1/8 PT.	-.0297	-.0297	-.0250	.0000	-.0845	1/8 PT.	-.0390	-.1057	-.1150	.0000	-.2597
1/4 PT.	-.0150	.0525	.1300	.0000	.1675	1/4 PT.	-.0370	-.0330	-.0450	.0000	-.1150	1/4 PT.	-.0785	-.1500	-.1700	.0000	-.3985
3/8 PT.	-.0192	.1012	.3325	.0000	.4145	3/8 PT.	-.0457	-.0265	-.0725	.0000	-.1447	3/8 PT.	-.0940	-.1740	-.1875	.0000	-.4555
1/2 PT.	-.0230	.1230	.4300	.0000	.5300	1/2 PT.	-.0580	-.0190	-.1700	.0000	-.2470	1/2 PT.	-.0950	-.1990	-.3000	.0000	-.5940
5/8 PT.	-.0355	.1400	.0975	.0000	.2020	5/8 PT.	-.0680	-.0772	-.3700	.0000	-.5152	5/8 PT.	-.1037	-.2685	-.4125	.0000	-.7847
5/8 PT. N° 3	-.0413	.0498	-.3328	.0000	-.3244	5/8 PT. N° 3	-.0687	-.1581	-.4556	.0000	-.6824	5/8 PT. N° 3	-.1090	-.3074	-.4269	.0000	-.8433
3/4 PT.	-.0410	.0470	-.3500	.0000	-.3440	3/4 PT.	-.0680	-.1630	-.4550	.0000	-.6860	3/4 PT.	-.1090	-.3070	-.4250	.0000	-.8410
7/8 PT.	-.0240	.0182	-.2850	.0000	-.2907	7/8 PT.	-.0387	-.1677	-.2850	.0000	-.4915	7/8 PT.	-.0760	-.2420	-.2500	.0000	-.5680
PIER P-3						PIER P-3						PIER P-3					
1/8 PT.	.1252	.4412	.2600	.0333	.8598	1/8 PT.	.1837	.6642	.3000	.0811	1.2291	1/8 PT.	.2150	.8005	.3475	.1443	1.5073
1/4 PT.	.2570	.9375	.5100	.0667	1.7712	1/4 PT.	.3290	1.3435	.6000	.1619	2.4344	1/4 PT.	.4225	1.6700	.6900	.2886	3.0711
3/8 PT.	.3197	1.3122	.6775	.1000	2.4095	3/8 PT.	.4495	1.7542	.7950	.2428	3.2415	3/8 PT.	.5475	2.1547	.9200	.4329	4.0551
1/2 PT.	.3120	1.3450	.7000	.1334	2.4904	1/2 PT.	.4380	.7810	.8100	.3236	3.3526	1/2 PT.	.5780	2.2550	.9500	.5773	4.3603
5/8 PT.	.2380	1.0352	.5300	.1669	1.9701	5/8 PT.	.3120	1.4100	.6250	.4045	2.7515	5/8 PT.	.4110	1.7525	.7450	.7216	3.6301
5/8 PT. N° 4	.2241	.9811	.4998	.1708	1.8759	5/8 PT. N° 4	.2712	1.2507	.5526	.4257	2.5002	5/8 PT. N° 4	.3287	1.4537	.4800	.7781	2.5809
3/4 PT.	.1160	.5540	.3150	.2002	1.1852	3/4 PT.	.1720	.7815	.3850	.4853	1.8238	3/4 PT.	.2205	1.0145	.2375	.8659	1.2206
7/8 PT.	.0157	.1462	.1525	.1960	.5105	7/8 PT.	.0665	.2460	.1975	.3726	.8826	7/8 PT.	.0742	.3597	.1715	.5491	.8226
PIER P-4						PIER P-4						PIER P-4					
1/8 PT.	.1052	.3282	.1975	.0000	.6310	1/8 PT.	.0822	.3440	.1975	.0000	.6237	1/8 PT.	.0900	.3590	.2000	.0000	.6490
5/8 PT. N° 5	.2175	.7734	.3702	.0000	1.3611	5/8 PT. N° 5	.2263	.8368	.3666	.0000	1.4297	5/8 PT. N° 5	.2495	.9381	.3673	.0000	1.5548
1/4 PT.	.2580	.9290	.4500	.0000	1.6370	1/4 PT.	.2895	1.0315	.4600	.0000	1.7810	1/4 PT.	.3125	1.1680	.4650	.0000	1.9455
3/8 PT.	.4332	1.5897	.7550	.0000	2.7780	3/8 PT.	.4960	1.6822	.7750	.0000	2.9532	3/8 PT.	.5350	1.9005	.7975	.0000	3.2330
1/2 PT.	.5310	1.8750	.9100	.0000	3.3160	1/2 PT.	.5810	2.0940	.9300	.0000	3.6050	1/2 PT.	.5670	2.2650	.9600	.0000	3.7920
5/8 PT.	.4780	1.7080	.8225	.0000	3.0085	5/8 PT.	.4802	1.7627	.8350	.0000	3.0780	5/8 PT.	.5860	1.9607	.8425	.0000	3.3892
3/4 PT.	.3200	1.1975	.5600	.0000	2.0775	3/4 PT.	.2735	.9375	.5500	.0000	1.7610	3/4 PT.	.3750	1.3280	.5600	.0000	2.2630
7/8 PT.	.1020	.5077	.2750	.0000	.8847	7/8 PT.	.1365	.4842	.2500	.0000	.8707	7/8 PT.	.1640	.5782	.2625	.0000	1.0047
5/8 PT. N° 6	.0959	.4870	.2664	.0000	.8493	5/8 PT. N° 6	.1306	.4674	.2392	.0000	.8372	5/8 PT. N° 6	.1534	.5357	.2482	.0000	.9372
PIER P-5						PIER P-5						PIER P-5					
1/8 PT.	-.0365	-.1170	.0000	.0000	-.1535	1/8 PT.	-.0755	-.0630	.0000	.0000	-.1375	1/8 PT.	-.0285	-.0935	.0000	.0000	-.1220
1/4 PT.	-.0285	-.0470	.0000	.0000	-.0755	1/4 PT.	-.0600	-.0350	.0000	.0000	-.0950	1/4 PT.	-.0330	-.0170	.0000	.0000	-.0500
3/8 PT.	-.0002	.1760	.1650	.0000	.3407	3/8 PT.	.0147	.0687	.1425	.0000	.2260	3/8 PT.	-.0007	.1090	.1275	.0000	.2357
1/2 PT.	.0410	.3280	.4000	.0000	.7690	1/2 PT.	.0610	.2950	.4100	.0000	.7660	1/2 PT.	.0410	.2950	.3600	.0000	.6960
5/8 PT.	.0585	.3750	.5200	.0000	.9535	5/8 PT.	.0720	.3827	.5300	.0000	.9847	5/8 PT.	.0742	.4100	.4950	.0000	.9792
3/4 PT.	.0610	.3435	.4700	.0000	.8745	3/4 PT.	.0670	.3670	.4850	.0000	.9190	3/4 PT.	.0750	.3775	.4900	.0000	.9425
7/8 PT.	.0372	.2167	.2625	.0000	.5165	7/8 PT.	.0462	.1990	.3275	.0000	.5727	7/8 PT.	.0390	.2220	.2900	.0000	.5510
ABUTMENT A-2 SW-1						ABUTMENT A-2 SW-1						ABUTMENT A-2 SW-1					

FOR NOTES SEE SHEET 18/26

DALTON • DALTON • NEWPORT					
CLEVELAND, OHIO			AKRON, OHIO		
DEFLECTION & CAMBER TABLES					
AKRON INNERBELT OVER					
RELOCATED DART AVE. & RUSSELL AVE.					
BR. NO. SUM-59-0002					
AKRON OHIO SUMMIT COUNTY					
STA. 123 + 53.71 TO STA. 129 + 17.59					
DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED	DATE
HK II	CDG		RJP	JHP	12-15-82

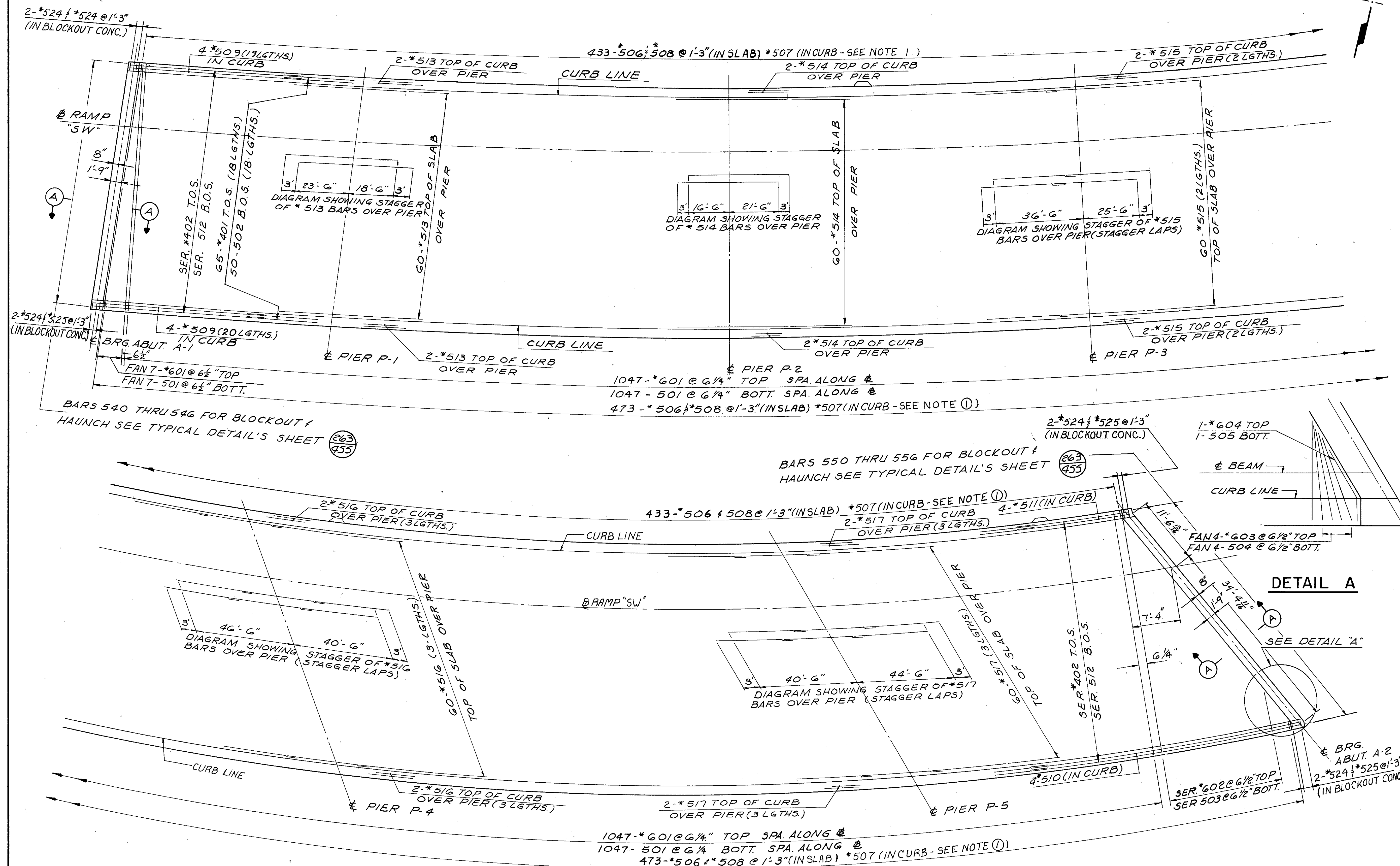
F.H.W.A. REG.	STATE	PROJECT
5	OHIO	

337
455

AKRON INNERBELT
SUM - 59 - 0.00

NOTES

- SEE GENERAL PLAN AND ELEVATION SHEET 2720 FOR LOCATION AND NUMBER OF MARK *507, *520, *521, *522 & *523 BARS.
- TYPICAL BAR LAPS SHALL BE AS FOLLOWS: *4 BARS (1'-4"), *5 BARS (1'-8").
- FOR SECTION "A-A" SEE SHT. 263 455
- FOR ADDITIONAL NOTES SEE SHEET 2720.
- ABBREVIATIONS ARE:
B.O.S. = BOTTOM OF SLAB
T.O.S. = TOP OF SLAB
LGTHS. = LENGTHS



DETAIL A

SEE DETAIL "A"

SLAB PLAN

DALTON · DALTON · NEWPORT
CLEVELAND, OHIO AKRON, OHIO

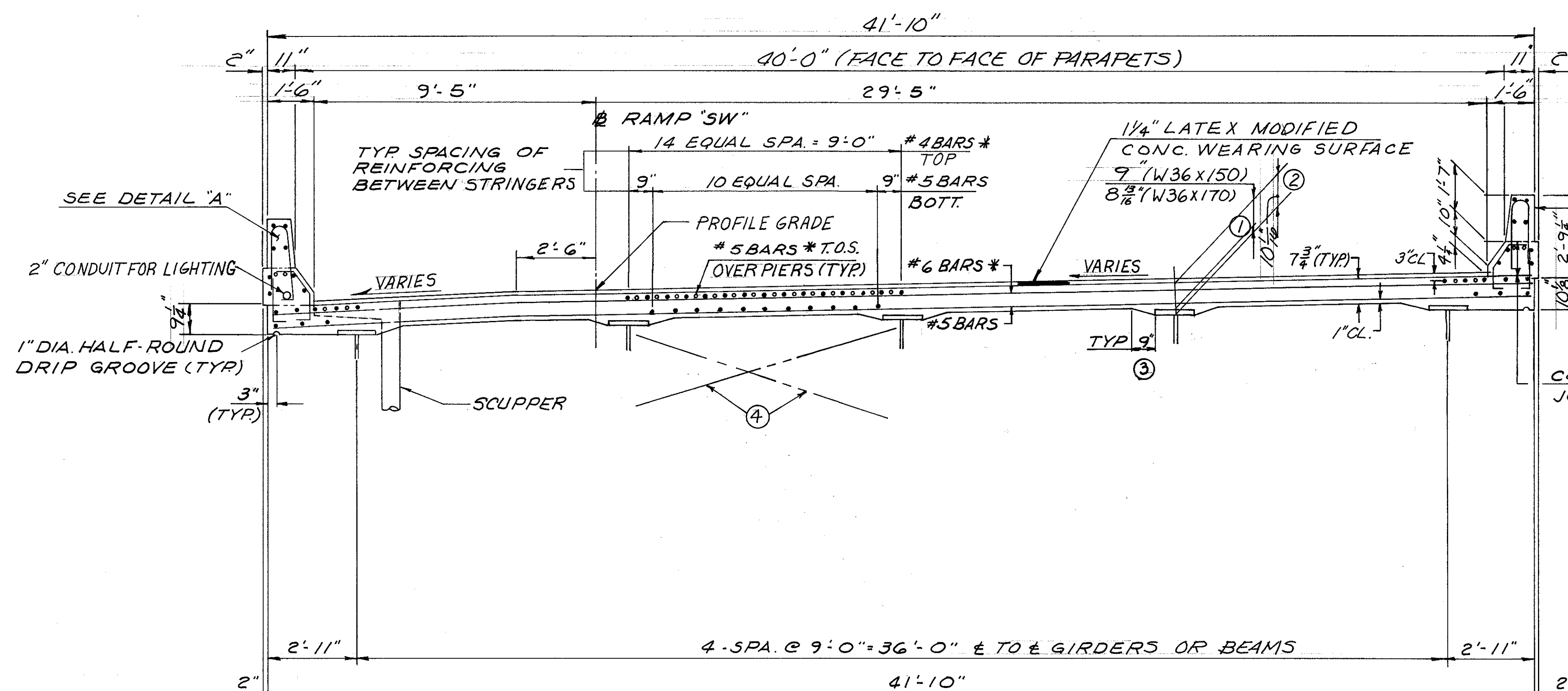
SLAB PLAN
AKRON INNERBELT OVER
RELOCATED DART AVE. & RUSSELL AVE.
BR. NO. SUM-59-0002
AKRON OHIO SUMMIT COUNTY
STA. 123 + 53.71 TO STA. 129 + 17.59

DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED	DATE	REVISED
BKL	F.F.		R.J.P.	J.P.	12-15-82	

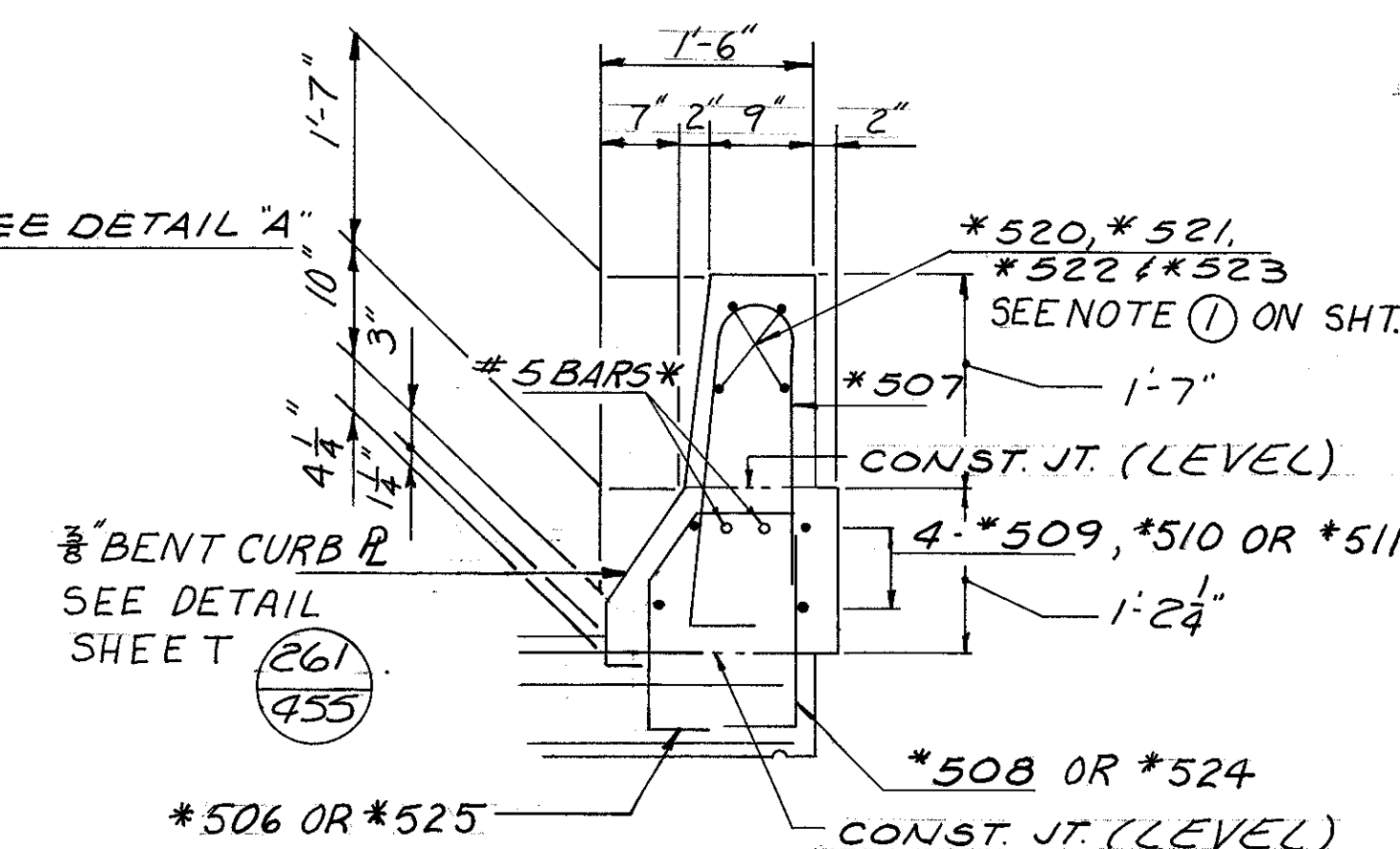
AKRON INNERBELT
SUM - 59-0.00

NOTES

- THE DISTANCE SHOWN FROM TOP OF DECK SLAB TO TOP OF STEEL BEAM IS THE DESIGN DIMENSION. THE QUANTITY OF DECK CONCRETE TO BE PAID FOR SHALL BE BASED ON THIS DIMENSION, EVEN THOUGH DEVIATION FROM IT MAY BE NECESSARY BECAUSE THE TOP FLANGE OF THE BEAM MAY NOT HAVE THE EXACT CAMBER OR CONFORMATION REQUIRED TO PLACE IT PARALLEL TO THE FINISHED GRADE.
- THIS IS THE DESIGN DIMENSION. THE QUANTITY OF DECK CONCRETE TO BE PAID FOR SHALL BE BASED UPON THIS DIMENSION, EVEN THOUGH DEVIATION FROM IT MAY BE NECESSARY BECAUSE THE TOP FLANGE OF THE GIRDER MAY NOT HAVE THE EXACT CAMBER OR CONFORMATION REQUIRED TO PLACE IT PARALLEL TO THE FINISHED GRADE. DEDUCTION SHALL BE MADE FOR VOLUME OF ENCASED STEEL PLATES AS PER 511.18.
- A HAUNCH WIDTH OF 9" SHALL BE USED FOR COMPUTING QUANTITY OF CONCRETE. HOWEVER, THE HAUNCH WIDTH 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.)
- FOR CROSSFRAMES SEE FRAMING PLAN AND FRAMING DETAIL SHEETS.
- FOR FORMING ELEVATION TABLE SEE SHEETS 20/26.
- TRANSVERSE AND LONGITUDINAL REINFORCEMENT SHALL BE FIELD BENT AS REQUIRED. PAYMENT SHALL BE INCLUDED WITH ITEM 509.
- ALL REINFORCING BARS SHOWN THUS * ARE EPOXY COATED.
- PROFILE GRADE IS GIVEN TO TOP OF FINISHED PAVEMENT.
- FOR LOCATION OF LIGHT STANDARD SUPPORTS, SEE GENERAL PLAN SHEETS 3/26 AND 4/26.
- FOR ELECTRICAL CONDUIT ON BRIDGE, SEE LIGHTING PLANS.
- FOR SCUPPER LOCATIONS SEE GENERAL PLAN SHEET. FOR SCUPPER DETAILS SEE 26/455.
- FOR ADDITIONAL NOTES SEE SHEET 20/26.



TRANSVERSE SECTION



DETAIL A

DALTON - DALTON - NEWPORT

CLEVELAND, OHIO AKRON, OHIO

TRANSVERSE SECTION

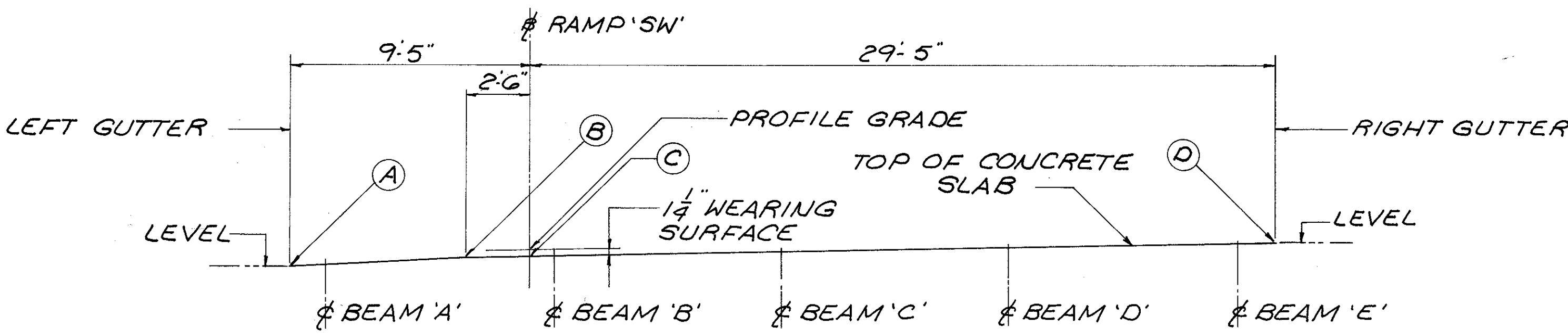
AKRON INNERBELT OVER
RELOCATED DART AVE. & RUSSELL AVE.

BR. NO. SUM-59-0002
AKRON OHIO SUMMIT COUNTY
STA. 123 + 53.71 TO STA. 129 + 17.59

DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED	DATE	REVISED
R.K.L.	F.F.		R.J.P.	JOP	12-15-82	

AKRON INNERBELT
SUM - 59 - 0.00

TABLE OF SCREED ELEVATIONS				
LOCATION	(A)	(B)	(C)	(D)
± BRG. A-1	992.588	992.871	992.921	993.508
1/8 PT.	992.656	992.940	992.993	993.595
1/4 PT.	992.722	993.006	993.060	993.682
3/8 PT.	992.782	993.064	993.120	993.764
1/2 PT.	992.836	993.119	993.177	993.836
5/8 PT.	992.891	993.171	993.231	993.903
3/4 PT.	992.942	993.230	993.291	993.990
7/8 PT.	993.008	993.288	993.351	994.077
± PIER P-1	993.064	993.346	993.411	994.164
1/8 PT.	993.177	993.472	993.540	994.336
1/4 PT.	993.297	993.610	993.682	994.515
3/8 PT.	993.414	993.723	993.798	994.689
1/2 PT.	993.514	993.812	993.890	994.836
5/8 PT.	993.597	993.890	993.971	994.959
3/4 PT.	993.659	993.953	994.037	995.058
7/8 PT.	993.719	994.014	994.102	995.145
± PIER P-2	993.793	994.081	994.173	995.245
1/8 PT.	993.897	994.179	994.274	995.362
1/4 PT.	994.003	994.284	994.381	995.486
3/8 PT.	994.109	994.391	994.491	995.613
1/2 PT.	994.205	994.487	994.591	995.736
5/8 PT.	994.283	994.565	994.672	995.856
3/4 PT.	994.350	994.643	994.752	995.982
7/8 PT.	994.424	994.728	994.841	996.125
± PIER P-3	994.501	994.819	994.934	996.285
1/8 PT.	994.647	994.992	995.114	996.594
1/4 PT.	994.795	995.170	995.298	996.908
3/8 PT.	994.929	995.336	995.470	997.186
1/2 PT.	995.048	995.481	995.622	997.423
5/8 PT.	995.150	995.593	995.740	997.601
3/4 PT.	995.250	995.695	995.848	997.756
7/8 PT.	995.364	995.812	995.972	997.876
± PIER P-4	995.495	995.943	996.105	998.003
1/8 PT.	995.707	996.153	996.316	998.218
1/4 PT.	995.938	996.390	996.552	998.474
3/8 PT.	996.168	996.625	996.787	998.726
1/2 PT.	996.368	996.834	996.997	998.940
5/8 PT.	996.528	996.989	997.151	999.087
3/4 PT.	996.662	997.118	997.281	999.200
7/8 PT.	996.778	997.236	997.398	999.302
± PIER P-5	996.912	997.361	997.523	999.421
1/8 PT.	997.022	997.472	997.635	999.528
1/4 PT.	997.136	997.587	997.749	999.650
3/8 PT.	997.258	997.720	997.883	999.781
1/2 PT.	997.398	997.862	998.025	999.922
5/8 PT.	997.527	997.986	998.148	1000.052
3/4 PT.	997.651	998.097	998.260	1000.165
7/8 PT.	997.760	998.193	998.355	1000.259
± BRG. A-2	997.835	998.284	998.446	1000.343



KEY TRANSVERSE SECTION

- (A) LEFT GUTTER LINE
- (B) BREAK LINE
- (C) BASE LINE RAMP "SW"
- (D) RIGHT GUTTER LINE

- NOTES
- ELEVATIONS (A) THRU (D) SHOWN ARE TOP OF CONCRETE SLAB ELEVATIONS WHICH ARE REQUIRED BEFORE THE CONCRETE IS PLACED. PROPER ALLOWANCE HAS BEEN MADE FOR THE DEAD LOAD DEFLECTIONS CAUSED BY THE WEIGHT OF THE CONCRETE AND THE 1 1/4" CONCRETE WEARING SURFACE.
 - SEE STRUCTURE GENERAL NOTES FOR THE EFFECT OF HEAT CURVING ON SCREED ELEVATION.

AKRON INNERBELT
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FOR NOTES SEE SHEET 26/26.

MARK	Nº REQ'D.	LENGTH	TYPE	DIMENSIONS				INCRM.	WEIGHT LBS.
				A	B	C	D		
ABUTMENT A-1									
1A501	34	8'-3"	2	1'-7"	5'-4"				293
1A502	16	8'-1"	1	10"	7'-4"				135
1A503	32	7'-2"	2	2'-0"	3'-5"				239
1A504	39	6'-0"	2	2'-8"	11"				244
1A505	39	5'-1"	2	1'-1"	3'-2"				207
1A506	40	21'-8"	ST.						904
1A507	5	3'-11"	13	2'-0"	2'-0"	2"			20
1A508	7	11'-4"	2	5'-1"	1'-5"				83
1A509	6	10'-8"	ST.						67
1A510	6	9'-4"	ST.						58
1A511	8	7'-7"	ST.						63
1A512	2	8'-8"	12	1'-7"	7'-1"	1'-5"			18
1A513	16	2'-8"	6	2'-1"					45
1A515	2	7'-9"	ST.						16
1A516	4	21'-8"	ST.						90
SERIES	1-SET	8'-3"		3'-8"					
OF	OF 5 =	70	2	70	1'-2"			7"	37
1A517	5BAR	5'-11"		2'-6"					
1A518	2	2'-7"	ST.						5
1A524	7	5'-10"	23	2'-4"	2'-6"				43
1A525	16	4'-7"	ST.						76
1A526	6	6'-0"	ST.						38
1A527	10	11'-2"	14	2'-4"	3'-0"				116
1A528	6	9'-7"	ST.						60
1A529	8	8'-3"	2	3'-8"	1'-2"				69
1A530	8	13'-7"	ST.						113
1A531	3	5'-11"	2	2'-6"	1'-2"				19
1A532	16	4'-4"	ST.						72
1A533	8	11'-7"	ST.						97
1A534	4	5'-0"	ST.						21
1A538	2	7'-1"	ST.						15
1A539	17	8'-7"	1	10"	7'-10"				152
1A601	16	14'-10"	3	7'-3"	5'-4"	2'-7"			356
1A602	39	4'-9"	19	1'-5"	1'-9"	1'-6"	1'-2"		278
1A603	41	10'-5"	2	4'-8"	1'-5"				641
1A606	1	18'-0"	2	8'-7"	1'-2"				27
1A607	6	18'-8"	2	8'-11"	1'-2"				168
1A608	4	5'-10"	19	9"	6"	8"	4'-5"		35
1A612	17	15'-4"	3	7'-9"	5'-4"	2'-7"			392
1A613	4	2'-7"	2	6"	1'-11"				16
1A614	4	3'-6"	20	1'-2"	9"	7"			21
1A615	34	5'-4"	3	2'-3"	2'-5"	1'-0"			272
1A616	2	3'-11"	19	9"	6"	8"	2'-6"		12
1A617	2	3'-9"	19	8"	5"	8"	2'-6"		11
1A618	2	3'-9"	19	8"	4"	8"	2'-6"		11
1A619	2	3'-8"	19	7"	3"	8"	2'-6"		11
1A620	8	3'-7"	19	7"	2"	8"	2'-6"		43
1A801	14	23'-10"	ST.						891
1A802	26	4'-10"	38	2'-7"	1'-5"	1'-0"			336

MARK	Nº REQ'D.	LENGTH	TYPE	DIMENSIONS				INCRM.	WEIGHT LBS.
				A	B	C	D		
1A803	2	12'-6"	ST.						67
1A804	4	10'-6"	ST.						112
NON EPOXY COATED = 5953									
EPOXY COATED = 1162									
(*) DENOTES BARS TO BE EPOXY COATED									
ABUTMENT A-2									
2A501	30	8'-6"	2	1'-7"	5'-7"				266
2A502	7	8'-1"	1	10"	7'-4"				59
2A503	7	8'-7"	1	10"	7'-10"				63
2A504	7	9'-1"	1	10"	8'-4"				66
2A505	7	9'-9"	1	10"	9'-0"				71
* 2A506	45	6'-0"	2	2'-8"	11"				282
2A507	45	6'-3"	2	1'-8"	3'-2"				293
2A508	38	24'-10"	ST.						984
2A509	8	14'-3"	ST.						119
2A510	10	13'-0"	ST.						136
2A511	7	6'-0"	ST.						44
2A512	6	3'-11"	12	2'-0"	2'-0"	1'-9"			25
2A513	2	6'-5"	16	2'-0"	2'-7"	1'-9"	2'-0"		13
2A514	3	4'-11"	16	2'-0"	1'-1"	1'-9"	2'-0"		15
2A515	12	11'-2"	14	2'-4"	3'-0"				140
2A516	6	11'-8"	ST.						73
2A517	2	9'-8"	ST.						20
2A518	2	11'-3"	ST.						23
2A519	6	17'-7"	ST.						110
2A520	2	9'-0"	ST.						19
SERIES 1-SET	11'-3"		5'-2"						
OF OF 4 =	TO	2	TO	1'-2"				1'-4"	39
2A521	4 BAR	7'-3"		3'-2"					
* 2A522	8	15'-7"	ST.						130
2A523	14	7'-7"	ST.						111
2A524	4	7'-3"	2	3'-2"	1'-2"				30
2A525	16	11'-8"	14	2'-7"	3'-0"				195
2A526	2	7'-2"	ST.						15
2A527	8	5'-9"	ST.						48
2A528	16	4'-4"	ST.						72
* 2A529	19	5'-10"	23	2'-4"	2'-6"				116
* 2A530	16	4'-7"	ST.						76
* 2A531	16	2'-8"	6	2'-1"					45
2A532	8	15'-3"	ST.						127
2A533	4	13'-6"	ST.						56
2A534	2	9'-0"	ST.						19
2A535	6	21'-7"	ST.						135
* 2A536	4	28'-10"	ST.						120
* 2A537	8	19'-7"	ST.						163
2A538	1	9'-5"	ST.						10

MARK	Nº REQ'D.	LENGTH	TYPE	DIMENSIONS				INCRM.	WEIGHT LBS.
				A	B	C	D		
SERIES 1-SET	10'-3"		4'-8"						
OF OF 4 =	TO	2	TO	1'-2"				1'-4"	34
2A539	4 BAR	6'-3"		2'-8"					
2A540	4	6'-3"	2	2'-8"	1'-2"				26
2A541	38	6'-8"	2	1'-9"	3'-5"				264
2A542	5	4'-0"	ST.						21
2A543	2	10'-6"	1	10"	9'-9"				22
2A601	7	14'-11"	3	7'-4"	5'-4"	2'-7"			157
2A602	7	15'-5"	3	7'-10"	5'-4"	2'-7"			162
2A603	7	15'-11"	3	8'-4"	5'-4"	2'-7"			167
2A604	7	16'-7"	3	9'-0"	5'-4"	2'-7"			174
2A605	45	5'-7"	19	1'-10"	1'-9"	1'-9"	1'-5"		377
2A606	45	15'-11"	2	7'-5"	1'-5"				1076
2A607	1	22'-3"	2	10'-6"	1'-7"				33
2A608	8	19'-2"	2	9'-2"	1'-2"				230
* 2A609	14	8'-4"	19	9"	6"	8"	6'-11"		175
* 2A610	2	3'-11"	19	9"	6"	8"	2'-6"		12
* 2A611	2	3'-9"	19	8"	5"	8"	2'-6"		11
* 2A612	2	3'-9"	19	8"	4"	8"	2'-6"		11
* 2A613	2	3'-7"	19	7"	2"	8"	2'-6"		11
* 2A614	8	3'-7"	19	7"	2"	8"	2'-6"		43
* 2A616	10	24'-6"	2	11'-10"	1'-2"				368
* 2A617	2	17'-3"	3	9'-8"	5'-4"	2'-7"			52
* 2A619	37	5'-4"	3	2'-3"	2'-5"	1'-0"			296
2A620	4	2'-7"	2	6"	1'-11"				16
* 2A621	4	3'-6"	20	1'-2"	9"	7"			21
2A801	14	27'-2"	ST.						1015
2A802	30	5'-2"	38	2'-11"	1'-5"	1'-0"			414
2A803	2	14'-6"	ST.						77
2A804	4	12'-2"	ST.						130
2A805	2	18'-0"	ST.						96
2A806	4	15'-6"	ST.						166
NON EPOXY COATED = 8053									
EPOXY COATED = 1932									
(*) DENOTES BARS TO BE EPOXY COATED									
PIER P-1									
IP501	4	39'-9"	ST.						166
IP502	12	8'-0"	2	2'-10"	2'-7"				100
IP503	18	7'-0"	2	2'-4"	2'-7"				131
IP504	18	8'-6"	2	3'-1"	2'-7"				160
IP601	8	6'-3"	12	3'-0"	3'-3"	6"			75
IP602	7	17'-10"	ST.						187
IP701	14	16'-3"	1	2'-8"	13'-9"				465

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MARK	Nº REQ'D.	LENGTH	TYPE	DIMENSIONS				INCRM.	WEIGHT LBS.
				A	B	C	D		
IP801	7	33'-2"	ST.						620
IP1001	24	10'-1"	1	1'-10"	8'-6"				1041
IP1002	8	14'-10"	ST.						511
IP1003	8	15'-5"	ST.						531
IP1004	8	15'-8"	ST.						539
IP1005	48	11'-4"	7	8'-6"					2341
		NON EPOXY COATED =				6867			
		EPOXY COATED =				0			
(*) DENOTES BARS TO BE EPOXY COATED									
				TOTAL PIER P-1 =				6867	
PIER P-2									
2P501	6	39'-1"	ST.						245
2P502	6	8'-0"	2	2'-10"	2'-7"				50
2P503	6	8'-8"	2	3'-2"	2'-7"				54
2P504	22	8'-6"	2	3'-1"	2'-7"				195
2P505	22	7'-4"	2	2'-6"	2'-7"				168
2P601	8	6'-3"	12	3'-0"	3'-3"	6"			75
2P801	7	32'-6"	ST.						607
2P901	7	21'-0"	ST.						500
2P902	14	17'-3"	1	2'-8"	14'-10"				821
2P1001	10	16'-5"	ST.						706
2P1002	10	17'-3"	ST.						742
2P1003	10	17'-7"	ST.						757
2P1004	30	10'-3"	1	2'-0"	8'-6"				1323
2P1101	48	13'-8"	7	10'-6"					3485
		NON EPOXY COATED =				9728			
		EPOXY COATED =				0			
(*) DENOTES BARS TO BE EPOXY COATED									
				TOTAL PIER P-2 =				9728	
PIER P-3									
3P501	4	39'-1"	ST.						163
3P502	12	8'-0"	2	2'-10"	2'-7"				100
3P503	28	6'-8"	2	2'-2"	2'-7"				195
3P504	28	8'-6"	2	3'-1"	2'-7"				248
3P505	12	8'-2"	2	2'-11"	2'-7"				102
3P506	31	14'-6"	ST.						469

MARK	Nº REQ'D.	LENGTH	TYPE	DIMENSIONS				INCRM.	WEIGHT LBS.
				A	B	C	D		
3P901	8	44'-3"	2	2'-10"	39'-1"				1204
3P902	7	33'-0"	ST.						785
3P1001	11	13'-11"	ST.						659
3P1002	11	14'-9"	ST.						698
3P1003	11	15'-2"	ST.						718
3P1004	33	10'-1"	1	1'-10"	8'-6"				1432
3P1005	30	17'-4"	7	14'-6"					2238
3P1101	11	37'-6"	ST.						2192
3P1102	11	40'-8"	7	37'-6"					2377
		NON EPOXY COATED = 13580							
		EPOXY COATED = 0							
(*) DENOTES BARS TO BE EPOXY COATED									
					TOTAL PIER P-3 = 13580				
PIER P-4									
4P501	12	24'-0"	ST.						300
4P502	8	8'-6"	2	2'-10"	3'-1"				71
4P503	44	7'-11"	2	3'-1"	2'-0"				363
4P504	44	6'-11"	2	2'-7"	2'-0"				317
4P505	16	9'-0"	2	3'-1"	3'-1"				150
4P506	16	8'-2"	2	2'-8"	3'-1"				136
4P507	8	9'-8"	2	3'-5"	3'-1"				81
4P601	8	8'-0"	12	3'-6"	4'-6"	6"			96
4P602	50	8'-8"	2	3'-0"	3'-0"				651
4P1101	5	15'-7"	ST.						414
4P1102	10	24'-11"	1	2'-9"	22'-5"				1324
4P1103	8	17'-9"	1	2'-9"	15'-3"				754
4P1104	7	37'-0"	ST.						1376
4P1105	12	13'-10"	ST.						882
4P1106	12	11'-9"	ST.						749
4P1107	12	14'-0"	ST.						893
4P1108	12	11'-5"	ST.						728
4P1109	12	13'-7"	ST.						866
4P1110	12	11'-6"	ST.						733
4P1111	36	9'-9"	1	2'-0"	8'-0"				1865
4P1112	36	7'-9"	1	2'-0"	6'-0"				1482
4P1113	48	15'-8"	7	12'-6"					3995
4P1114	42	21'-8"	7	18'-6"					4835
		NON EPOXY COATED = 23061							
		EPOXY COATED = 0							
(*) DENOTES BARS TO BE EPOXY COATED									

MARK	Nº REQ'D.	LENGTH	TYPE	DIMENSIONS				INCRM.	WEIGHT LBS.
				A	B	C	D		
					TOTAL PIER P-4 =				23061
PIER P-5									
5P501	12	24'-0"	ST.						300
5P502	8	8'-6"	2	2'-10"	3'-1"				71
5P503	44	7'-11"	2	3'-1"	2'-0"				363
5P504	44	6'-11"	2	2'-7"	2'-0"				317
5P505	16	9'-0"	2	3'-1"	3'-1"				150
5P506	16	8'-2"	2	2'-8"	3'-1"				136
5P507	8	9'-8"	2	3'-5"	3'-1"				81
5P601	8	8'-0"	12	3'-6"	4'-6"	6"			96
5P602	50	8'-8"	2	3'-0"	3'-0"				651
5P1101	5	15'-7"	ST.						414
5P1102	10	24'-10"	1	2'-8"	22'-5"				1319
5P1103	8	17'-8"	1	2'-8"	15'-3"				751
5P1104	7	37'-0"	ST.						1376
5P1105	12	9'-3"	ST.						590
5P1106	12	7'-2"	ST.						457
5P1107	12	10'-5"	ST.						664
5P1108	12	7'-11"	ST.						505
5P1109	12	11'-0"	ST.						701
5P1110	12	8'-11"	ST.						568
5P1111	36	9'-9"	1	2'-0"	8'-0"				1865
5P1112	36	7'-9"	1	2'-0"	6'-0"				1482
5P1113	48	15'-8"	7	12'-6"					3995
5P1114	42	21'-8"	7	18'-6"					4835
					</				

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FOR NOTES SEE SHEET 26/26.

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DALTON • DALTON • NEWPORT
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5/2

REINFORCING SCHEDULE

AKRON INNERBELT OVER
RELOCATED DART AVE. & RUSSELL AVE

BR. NO. SUM-59-0002

AKRON OHIO SUMMIT COUNTY

STA. 123 + 53.7 | TO STA. 129 + 17.59

DESIGNED	DRAWN	CHECKED	REVISED	DATE	REVISI
HK II MSC	F.F.	R.J.P.		12-15-82	

