

HS064  
RECORDED  
MAY 6 1969  
RECORDED

FED. RD.  
DIVISION STATE PROJECT  
2 OHIO I-75-6(8)194

WOOD COUNTY  
WOO-75-26.84

1  
256

STATE OF OHIO  
DEPARTMENT OF HIGHWAYS

WO0-75-26.84

I-75-6(8)194

1963 SPECIFICATIONS

LIMITED ACCESS

This improvement is especially designed for through traffic and has been declared a limited access highway or freeway by action of the Director of Highways in accordance with the provisions of Section 5511.02 of the Revised Code of Ohio.

The standard specifications of the State of Ohio, Department of Highways, including changes and supplemental specifications listed in the proposal shall govern this improvement.

The right of way for this improvement will be provided by the State of Ohio.

I hereby approve these plans and declare the making of this improvement will not require the closing of the highway to traffic and that provisions for the maintenance and safety of traffic will be as set forth on the plans and estimates.

CONVENTIONAL SIGNS

County Line	— — — —
Township Line	— — — —
Corporation Line	— — — —
Fence Line	X X
Guard Rail (Existing)	— — — —
Guard Rail (Proposed)	— — — —
Railroad	— — — —
Pole Lines	# #
Property Line	# #
Trees Existing	☒ To be removed
Stumps Existing	☒ To be removed
Limited Access and Right of Way	— — — —
Limited Access Only	— — — —
Right Of Way Only	— — — —
Existing Right Of Way	— — — —

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REVISED SHEETS NO. 2, 3, & 202 7-8-65 C.E.H.

LINE DATA

Net length of Project 19,880.98 Lin. Ft. or 3.765 Miles  
Net Length of Work 31,059.00 Lin. Ft. or 5.882 Miles

For Calculations of Line Data See Sheet No. 2

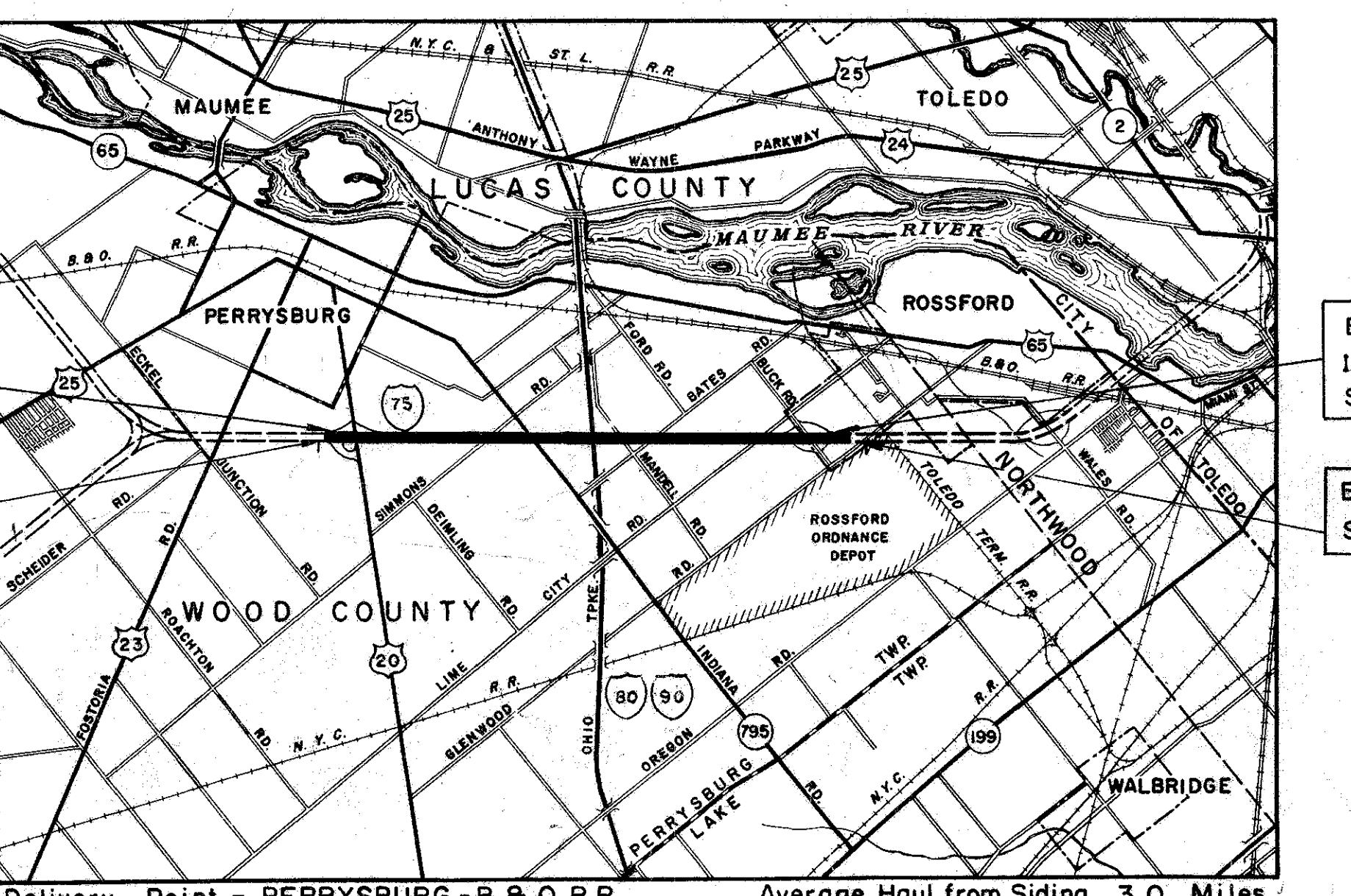
Prepared and Recommended by:

BARSTOW & MULLIGAN  
CONSULTING ENGINEERS

NEW YORK

Robert D. Mulligan

File No. WOOD COUNTY WOO-75-26.84  
Date of Letting 196  
Contract No.



STANDARD DRAWINGS				SUPPLEMENTAL SPECIFICATIONS	
Number	Date	Number	Date	Number	Date
B-T-70-71	11-15-60	I-8 C.B. 2-2 A&B	2-1-63	L-1	4-1-50
B-T-71R	3-2-53	I-8 C.B. NO. 4	2-1-63	L-3	4-1-50
DR-1	1-3-55	I-8 C.B. NO. 6	2-1-63	L-3-A	4-1-50
F-2	2-1-63	I-8 C.B. NO. 8	2-1-63	SP-53	6-30-61
F-3	2-1-63	I-12	2-1-63	RB-1-55	2-2-59
FACI-1	2-25-64	I-15 NO. 1	11-15-60	AR-1-57	4-2-62
FACI-2	2-25-64	I-15 NO. 2-A	8-17-60	AS-1-54	7-5-62
G-7-07	4-1-64	I-15 NO. 5-B	2-1-63	FSB-1-62	CE-101.04
HW-A&B	7-15-57	I-15 NO. 6	2-1-63	I-15-63 (1/2/64)	T-335
HW-C	7-15-57	T-35	1-2-56	SD-1-63 (1/2/64)	10-28-63
HW-E	2-1-63	L.J. NO. 1	7-1-55	I-21-23	3-10-64
J-1	11-15-60	T.J.	9-12-60	RI-1	M-106.11
				HW N#1	1-26-61
				B-1-63	9-1-64
				SD-2-64	11-25-64

DEPARTMENT OF COMMERCE  
BUREAU OF PUBLIC ROADS

APPROVED:

DIVISION ENGINEER

DATE

X 25

Nu RR  
H.B. 7  
5-14-65

Approved  
Date 5-19-65

Approved  
Date

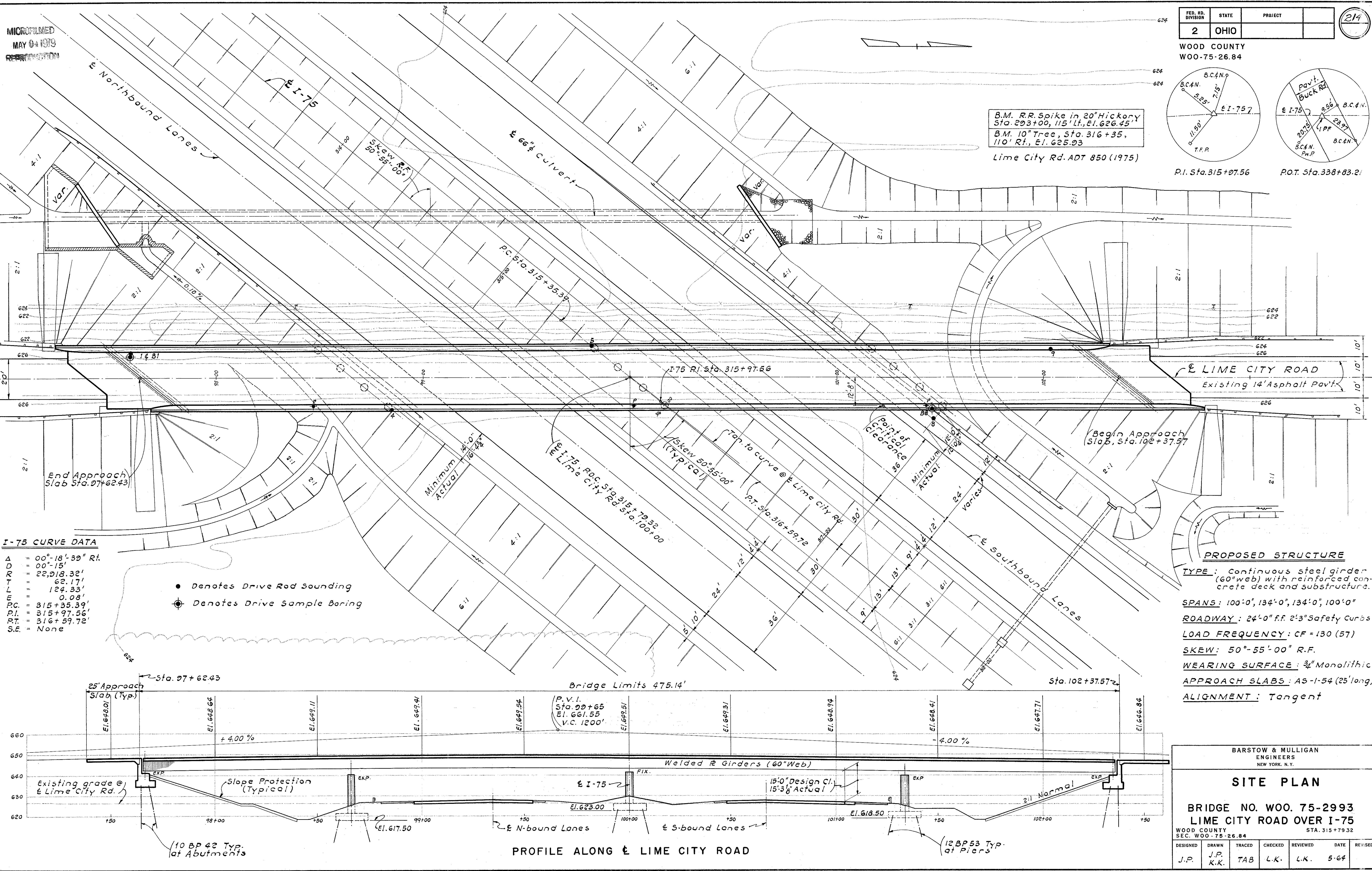
Approved  
Date 5-19-65

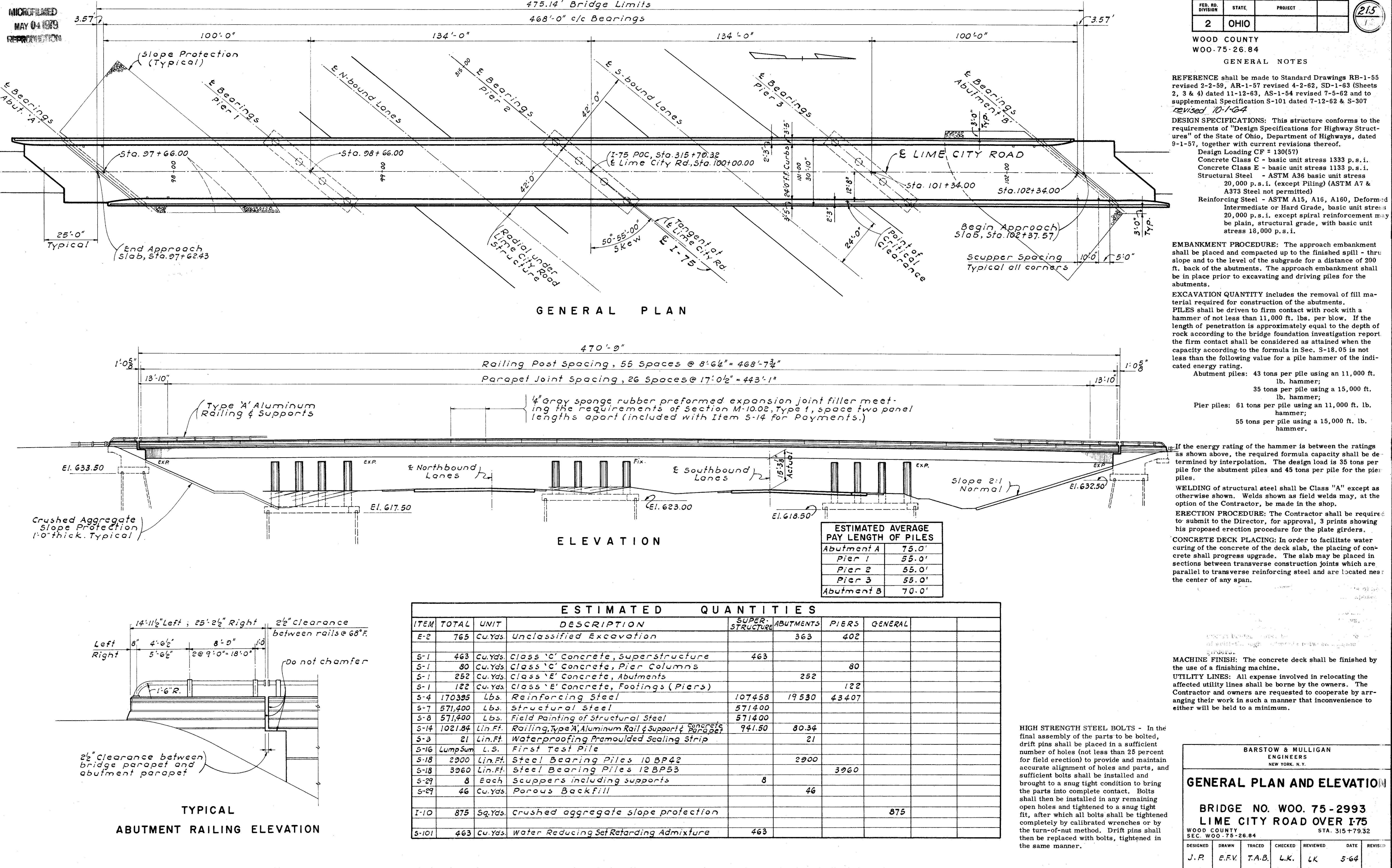
First Assistant Director

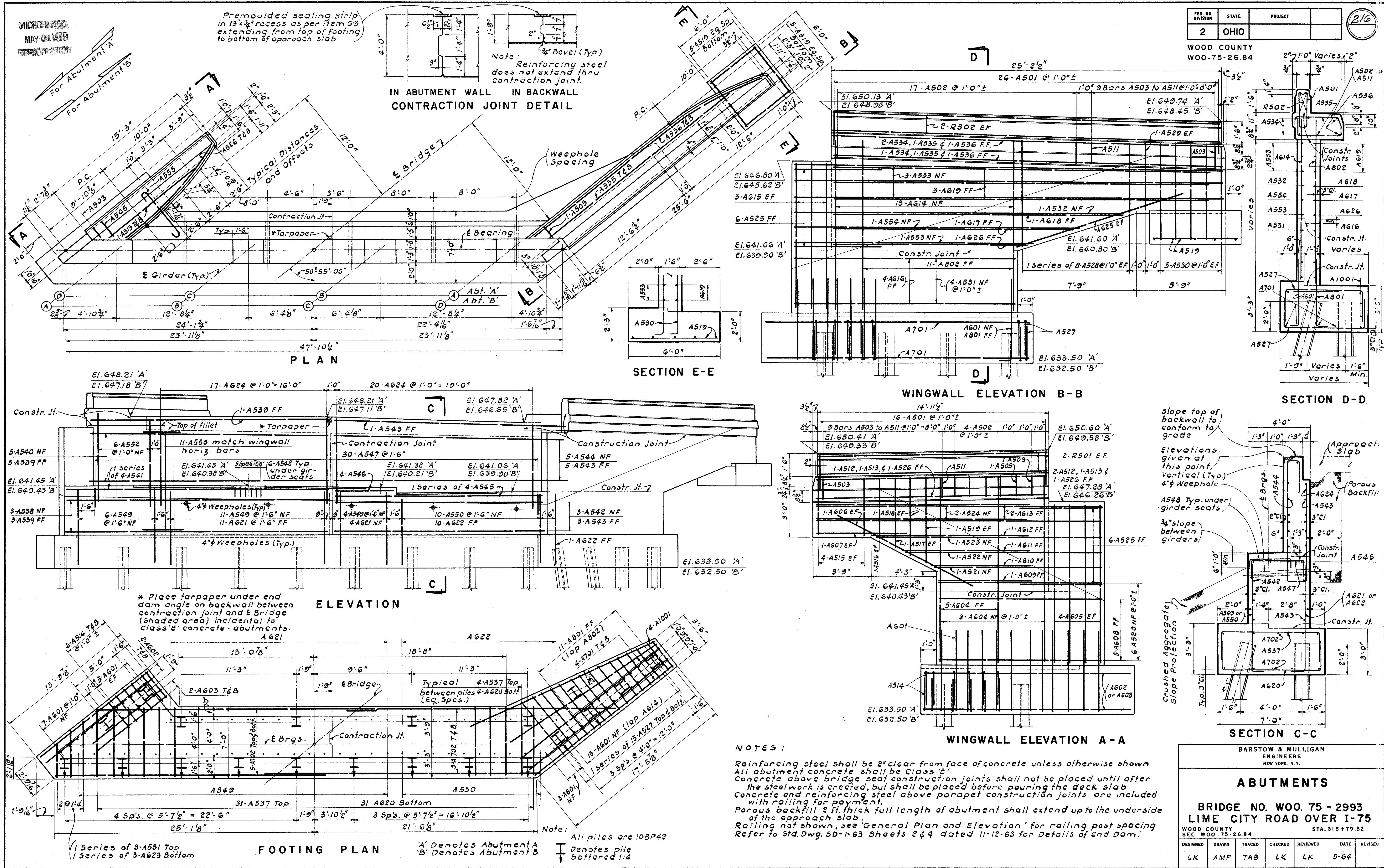
Approved  
Date 5-19-65

Director of Highways

Approved  
Date



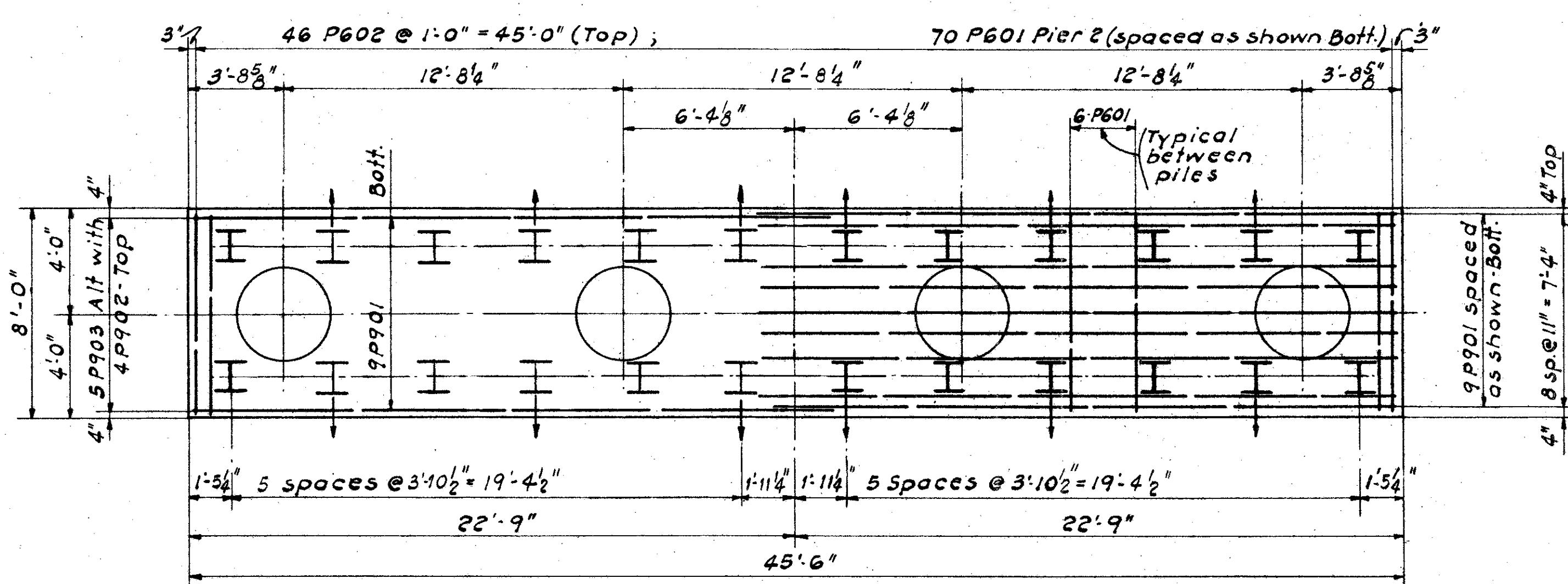
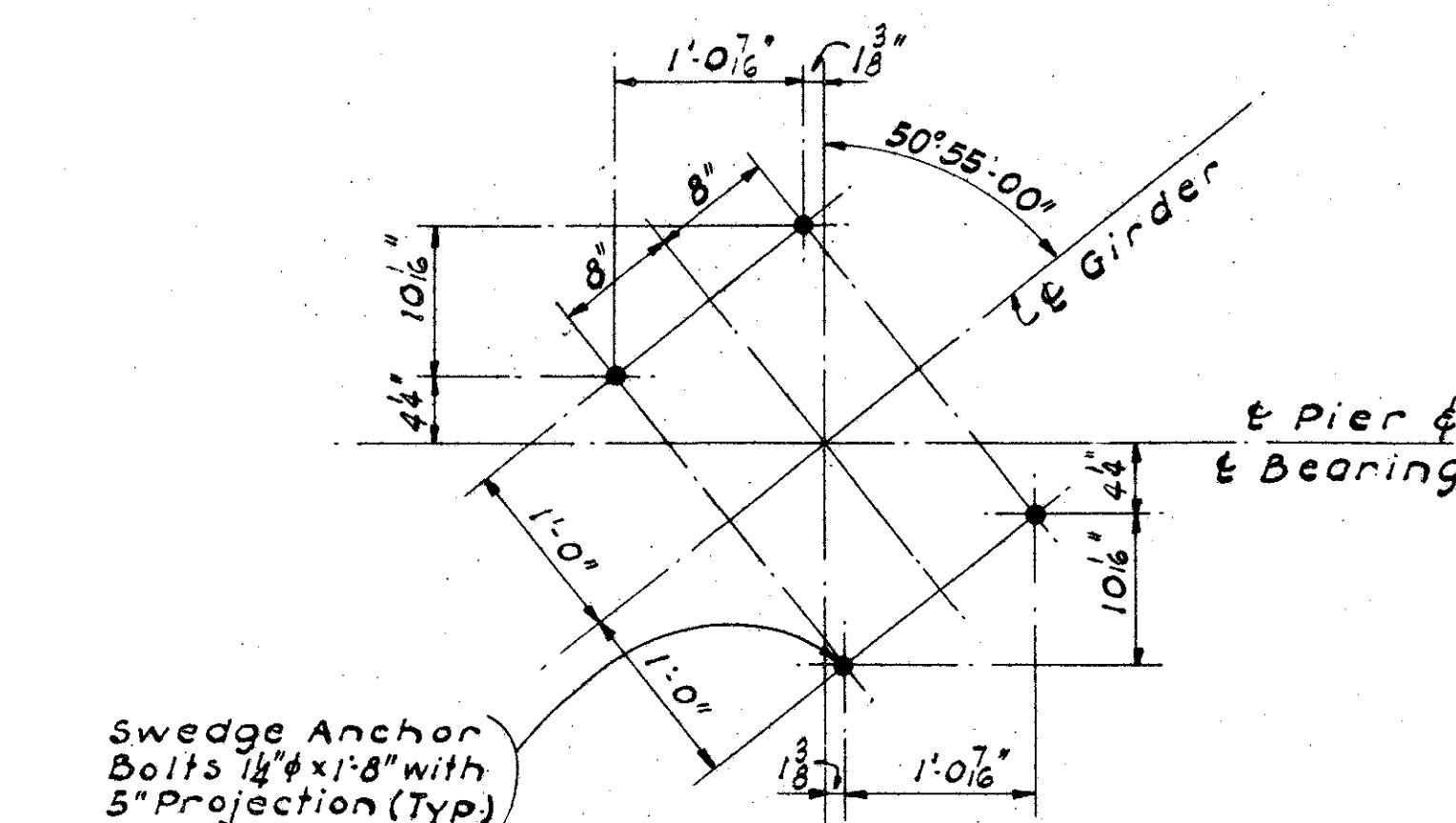
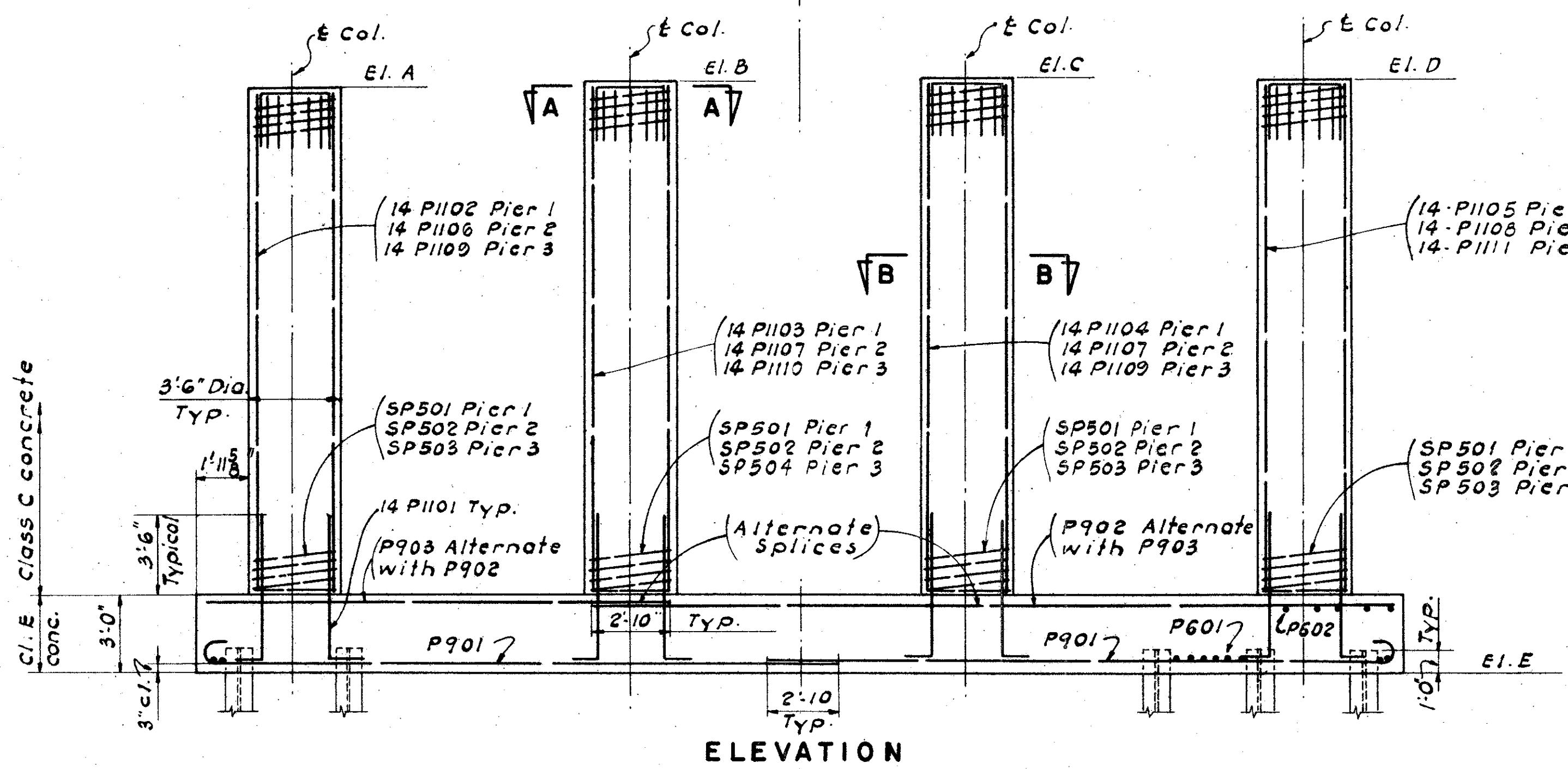
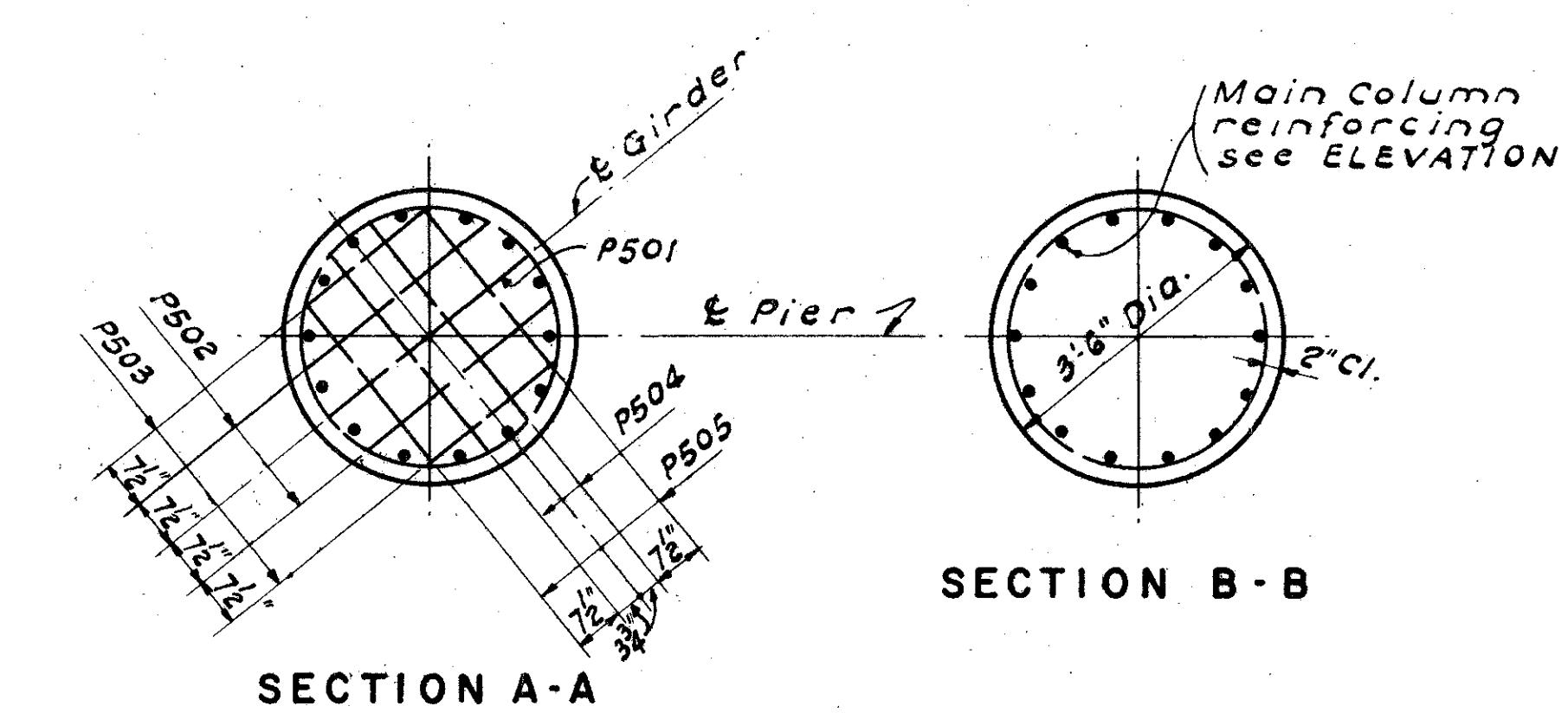
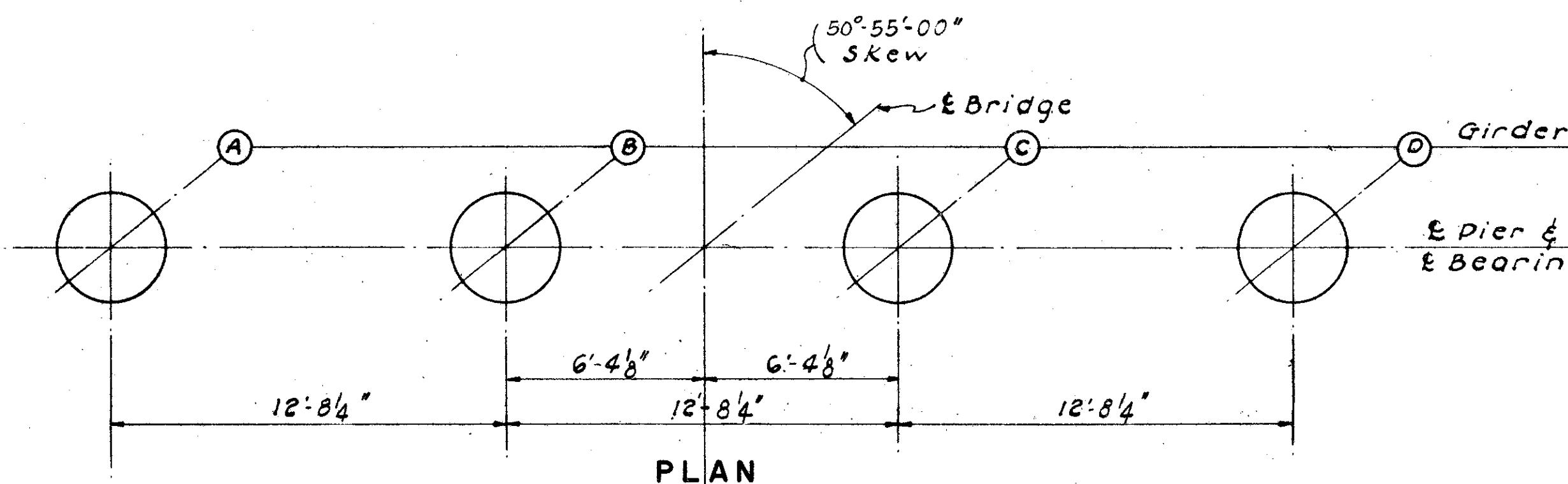




MICROFILMED  
MAY 04 1979  
REPRODUCTION

FED. RD. DIVISION	STATE	PROJECT	
2	OHIO		217

WOOD COUNTY  
WOO-75-26.84



Denotes Battered Pile.

Note: Column dowels not shown in Footing Plan to be placed to match main column reinforcing in the same circle.

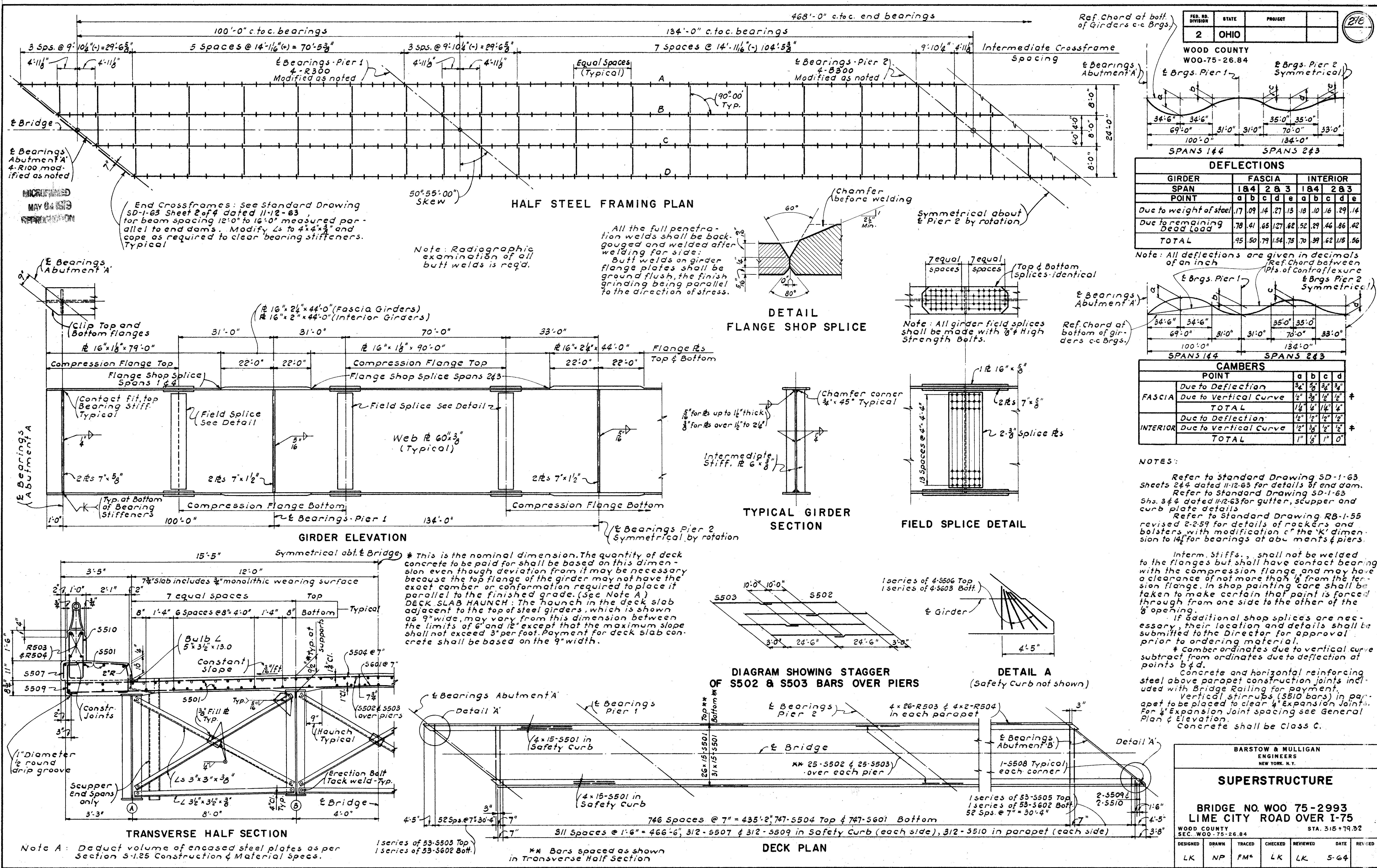
TABLE OF ELEVATIONS					
LOCATION	A	B	C	D	E
Pier 1	641.35	641.57	641.63	641.54	617.50
Pier 2	641.77	641.87	641.85	641.70	623.00
Pier 3	640.99	641.03	640.92	640.65	618.50

BARSTOW & MULLIGAN  
ENGINEERS  
NEW YORK, N.Y.

### PIERS

BRIDGE NO. WOO. 5-2993  
LIME CITY ROAD OVER I-75  
WOOD COUNTY  
SEC. WOO-75-26.84  
STA. 315+79.32

DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED	DATE	REVISED
LK	MDR	EFV	LK	LK	5-64	



ABUTMENTS *								
MARK	TOTAL NUMBER	LENGTH	TYPE	DIMENSION			WEIGHT POUNDS	
				A	B	C	D	E
A 1001	4	20'-0"	STR.					344
A 801	11	6'-5"	1	5'-6"	1'-1"			188
A 802	11	11'-6"	STR.					338
A 701	8	17'-2"	STR.					281
A 702	20	26'-8"	STR.					1091
A 601	33	5'-11"	1	5'-3"	9"			293
A 602	4	13'-4"	STR.					80
A 603	4	8'-6"	STR.					51
A 604	13	11'-11"	STR.					233
A 605	8	10'-2"	STR.					122
A 606	2	9'-9"	STR.					29
A 607	2	7'-0"	STR.					21
A 608	5	9'-6"	STR.					71
A 609	1	6'-0"	STR.					9
A 610	1	6'-6"	STR.					10
A 611	1	8'-3"	STR.					12
A 612	1	10'-0"	STR.					15
A 613	2	13'-0"	STR.					41
A 614	13	11'-3"	STR.					220
A 615	6	9'-7"	STR.					86
A 616	4	14'-2"	STR.					85
A 617	1	15'-8"	STR.					24
A 618	1	18'-10"	STR.					28
A 619	3	24'-3"	STR.					109
A 620	31	10'-4"	3	6'-6"	2'-0"	2'-0"		481
A 621	15	7'-8"	1	7'-0"	0"			173
A 622	11	7'-4"	1	6'-8"	9"			121
A 623	3	7'-1" to 9'-1"	3	3'-3" to 5'-3"	2'-0"	2'-0"	(series of 3, vary by 1')	36
A 624	37	20'-4"	2	7'-2"	1'-4"	8'-6"	11" 2'-9"	1130
A 625	2	11'-6"	STR.					35
A 626	1	12'-6"	STR.					19
A 501	42	5'-8"	4	8"	2'-2"	5"		248
A 502	21	8'-4"	5	6"	2'-11"	6"	0" 2'-11" 1'-1"	183
A 503	4	5'-0"	5	6"	1'-3"	6"	0" 1'-3" 1'-1"	21
A 504	2	5'-8"	5	6"	1'-7"	6"	0" 1'-7" 1'-1"	12
A 505	3	6'-3"	5	6"	1'-10"	6"	0" 1'-10" 1'-1"	20
A 506	2	6'-2"	5	6"	2'-14"	6"	0" 2'-14" 1'-1"	14
A 507	2	7'-2"	5	6"	2'-4"	6"	0" 2'-4" 1'-1"	15
A 508	2	7'-7"	5	6"	2'-6"	6"	0" 2'-6" 1'-1"	16
A 509	2	7'-10"	5	6"	2'-8"	6"	0" 2'-8" 1'-1"	16
A 510	2	8'-1"	5	6"	2'-9"	6"	0" 2'-9" 1'-1"	17
A 511	2	8'-3"	5	6"	2'-10"	6"	0" 2'-10" 1'-1"	17
A 512	3	14'-0"	STR.					46
A 513	2	11'-2"	STR.					23
A 514	12	6'-10"	3	3'-0"	2'-0"	2'-0"		86
A 515	8	3'-6"	STR.					29
A 516	2	4'-0"	STR.					8
A 517	2	4'-6"	STR.					9
A 518	2	5'-0"	STR.					10
A 519	12	5'-6"	STR.					69
A 520	6	10'-6"	STR.					66
A 521	1	11'-0"	STR.					11
A 522	1	12'-0"	STR.					13
A 523	1	14'-6"	STR.					15
A 524	2	18'-6"	STR.					39
A 525	12	5'-3"	STR.					66
A 526	2	12'-5"	7	2'-2"	12'-2"	1'-11"	28'-0"	26
A 527	30	6'-10" to 10'-4"	3	3'-0" to 6'-8"	2'-0"	2'-0"	(series of 15, vary by 3")	269
A 528	16	4'-4" to 6'-8"	STR.				2 series of 8, vary by 4"	92
A 529	2	4'-3"	STR.					9
A 530	10	6'-7"	1	6'-1"	7"			69

**SPIRAL NOTES**  
The length shown in the steel list for the spiral bars is approximately the distance from the top of the footing to the bottom of the pier cap.  
The "No. of Turns" shown in the steel list for the spiral bars is the Length divided by the Pitch, plus 3 turns (total number of closed coils), expressed as the nearest whole number.  
Spiral reinforcing bars shall not have deformations but shall in other respects conform to Item S4.  
1/2 closed coils shall be provided at ends of each spiral unit.  
Four steel channel, tee or angle spacers, weighing approximately 0.68 lbs. per lin. ft. of spacer, shall be provided for each spiral unit. They shall be equally spaced along the periphery of the coil. The number of pounds of these spacers, based on 0.68 lbs. per lin. ft. will be paid for as reinforcing steel and is included in the tabulated quantity of spiral bars.

ABUTMENTS (CONT.)								
MARK	TOTAL NUMBER	LENGTH	TYPE	DIMENSION			WEIGHT POUNDS	
				A	B	C	D	E
A 531	4	14'-2"	STR.					59
A 532	1	21'-4"	STR.					22
A 533	3	27'-8"	STR.					87
A 534	3	25'-0"	STR.					78
A 535	2	22'-9"	STR.					47
A 536	2	27'-5"	7	17'-2"	27'-2"	1'-11"	28'-0"	57
A 537	31	10' 4"	3	6'-6"	2'-0"	2'-0"		334
A 538	3	25'-6"	STR.					80
A 539	9	21'-3"	STR.					199
A 540	5	22'-8"	STR.					118
A 541	4	21'-3" to 25'-6"	STR.				1 series of 4, vary by 1'-5"	98
A 542	3	20'-4"	STR.					64
A 543	9	24'-4"	STR.					228
A 544	5	23'-0"	STR.					120
A 545	4	20'-4" to 24'-4"	STR.				1 series of 4, vary by 1'-4"	93
A 546	4	5'-0"	STR.					24
A 547	30	7'-4"	3	3'-6"	2'-0"	2'-0"		229
A 548	24	3'-7"	3	2'-5"	8"	8"		90
A 549	21	7'-6"	1	7'-0"	7"			164
A 550	10	7'-2"	1	6'-8"	7"			75
A 551	3	7'-1" to 9'-1"	3	3'-3" to 5'-3"	2'-0"	2'-0"	1 series of 3, vary by 1'-0"	25
A 552	6	8'-6"	STR.					53
A 553	1	15'-0"	STR.					16
A 554	1	18'-2"	STR.					19
A 555	11	6'-8"	8	5'-6"	7"	54"		76
* R 501	4	14'-7"	STR.					
* R 502	4	24'-10"	STR.					
TOTAL WEIGHT OF ABUTMENT A = 9765								
TOTAL WEIGHT OF ABUTMENT B = 9765								
GRAND TOTAL = 19530								
TOTAL WEIGHT OF PIERS INCLUDING SPIRALS = 43407								

DECK								
MARK	TOTAL NUMBER	LENGTH	TYPE	DIMENSION			WEIGHT POUNDS	
				A	B	C	D	E




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