

#### **Finance**

Purchasing Division 929 N Front St., 10<sup>th</sup> Floor Post Office Box 1810 Wilmington, NC 28402-1810

910 341-7830 910 341-7842 fax wilmingtonnc.gov Dial 711 TTY/Voice

#### **ADDENDUM NUMBER 1**

Front Street Bridge Rehabilitation BR-AEC-0424 April 4, 2024

To all holders of Bid Documents, please be advised of the following:

## BID DATE HAS BEEN EXTENED TO APRIL 15, 2025 @ 2:00 PM

#### **GENERAL CLARIFICATIONS:**

Response to questions received.

1. Are existing bridge plans available?

Answer: Yes, they are included in this addendum.

2. Do you have to top flange width of the girders?

Answer: The existing plans show the existing beam data. Beam sizes vary, and include shapes 24WF76, 27WF102, 30WF116, 36WF170, 36WF160, 36WF150, 36WF135.

3. As the jacking loads are quite high and large jacks will be needed, can you confirm the factoring. The load table notes that the load is factored, yet in the notes the minimum safe capacity required is 150% of the load specified. It seems that the factoring is applied twice.

Answer: Prospective bidders should note the units (pounds) associated with the table in the plans. The loads in the table are a 1.25 factor of dead load only for the loads assumed present during jacking. The jacks shall be required to provide 150% of calculated service loads. The contractor shall calculate the anticipated loads and submit them with working drawings as stipulated in the special provision and the jack type and capacity. The jacks shall provide a minimum of 150% of the load specified in the table (per note on the plans) but this does not relieve the contractor of the responsibility to design the jacking scheme. The table in the plans establishes a minimum but the SP requires the contractor to use 150% of the calculated service load (per the contractor's calcs/working drawings).

## **General Items**

1. The contractor will be required to develop and maintain a 2 week look ahead schedule of the required work throughout the duration of the project. This schedule should include anticipated start and completion dates of construction milestones, starting and ending dates of subcontractor work, and anticipated night work. This schedule will be submitted to the Project Manager with the City at the beginning of each work week for the duration of the project.

## **PLAN MODIFICATIONS:**

No plan modifications proposed for Addendum #1.

Acknowledge receipt of this Addendum in the space provided in the Proposal. Failure to do so may disqualify the Bidder.

All other terms and conditions remain unchanged.

Daryle L. Parker, Purchasing Manager Purchasing Division END OF ADDENDUM ONE WHEN HE WILLDY

Shoot No. 1. This Page

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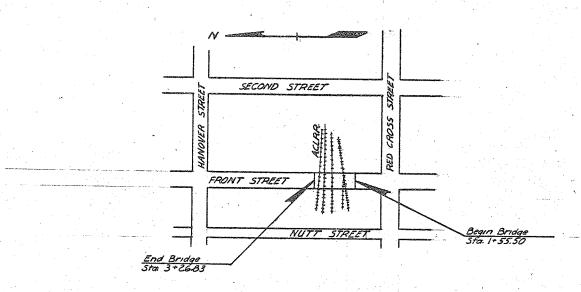
ENG- 8-102-64

STATE OF NORTH CAROLINA STATE HIGHWAY COMMISSION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY

# NEW HANOVER COUNTY

PROPOSED BRIDGE OVER A.C.L. RAILROAD ON FRONT STREET IN WILMINGTON



LAYOUT

#### Conventional Signs

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Township Line	CONTRACTOR
City of Town Line	WHO THE RESERVE AND ADDRESS OF THE PROPERTY OF
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Servey Lind	and the second of the second o
Property or Exist. Right of Way Line	escuperiors experiences entractured
Fence	
Proposed Road	
Existing Rood	
Railroad	
Control of Access Lies	
Slope Stake Line	
Bridge	
Colvers	Constant de la consta
Woods	01 0 1 0 or
Telephone or Telegraph Pole	<b>-</b> ∜∞
Tower Pelo and Line	
Power Folo	۵.
Proposed Right of Way Marker	<b>A</b>
Cristing Right of Way Harbor	Δ.
June Bail	

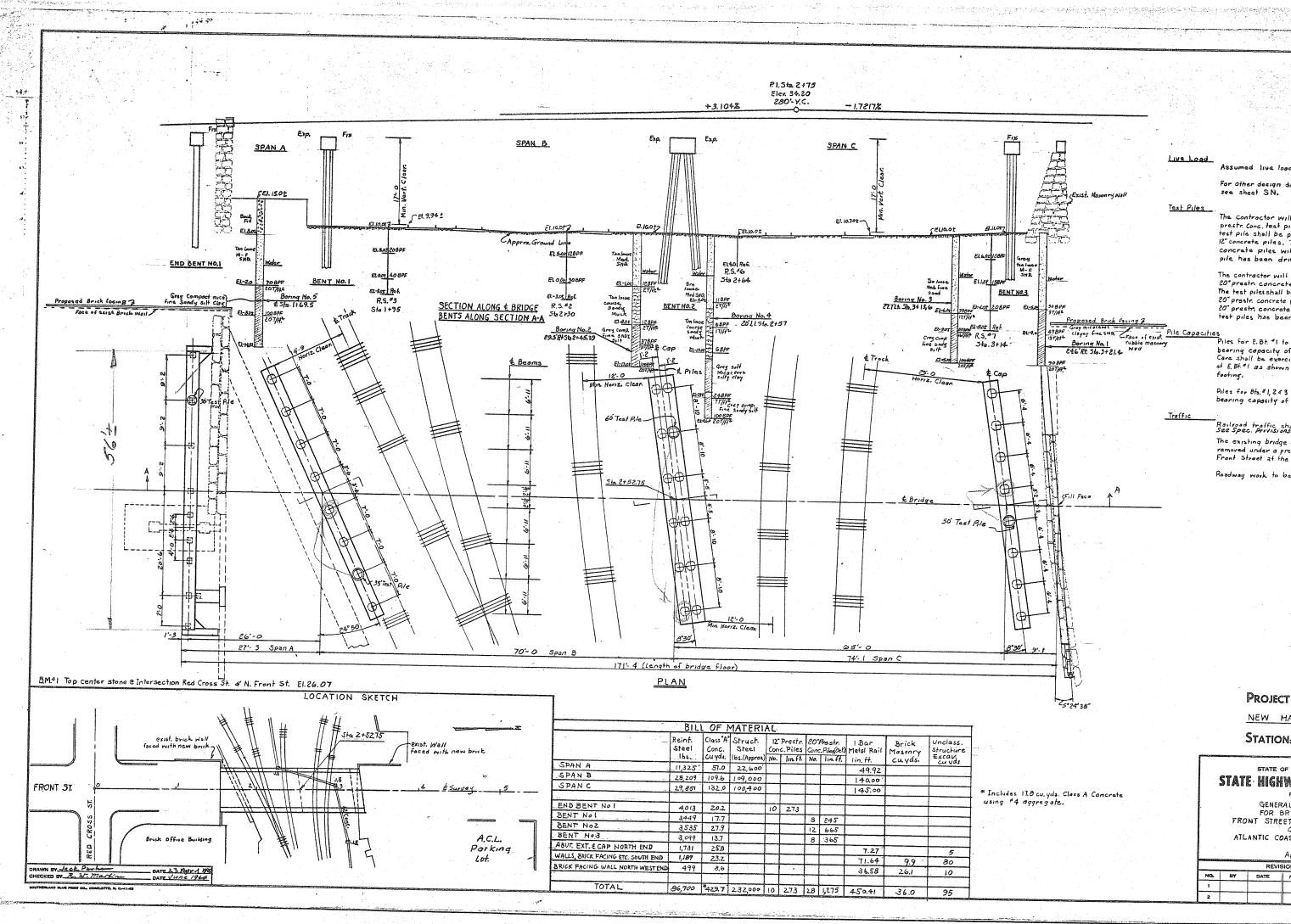
APPROVED L.W. Car

DEPARTMENT OF COMMERCE BUREAU OF PUBLIC ROADS	
APPROVED: 91.9.9.16	

STATE HIGHWAY COMMISSION
BALENSKI, N. C.

Serveyed by G.N. Separities Plana Propared by: Bridge Department Dates June 26, 1964

Stato Standard Specifications,



NOTES

F. A. PROJECT

Assumed live load H20 S16 (44)

For other design data and general n see sheet SN.

The contractor will be required to prestr. Conc. test pile in place for E. test pile shall be paid for as linear 12" concrete piles. The order lengt concrete piles will be given after pile has been driven .

The contractor will be required to dr 20° prestr concrete pile in place for The test piles shall be paid for as line 20" prestr. concrete piles. The order le 20" prestr concrete piles will be give test piles has been driven.

Pile Capacities

Piles for E.Bt. \*1 to be driven to a mi bearing capacity of 30 tons each. Care shall be exercised in driving the at E.Bt. "1 as shown on plans on top footing.

> Piles for Bts. # 1, 2 = 3 to be driven to a bearing capacity of 45 tons each.

Reilroad traffic shall be maintained see Spec. Privisions.

The existing bridge at the proposed s removed under a previous contract. Tr. Front Street at the site will be dete

Roadway work to be done by others

PROJECT No. 8.2335

NEW HANOVER

STATION: 2+52.75

STATE OF NORTH CAROLINA

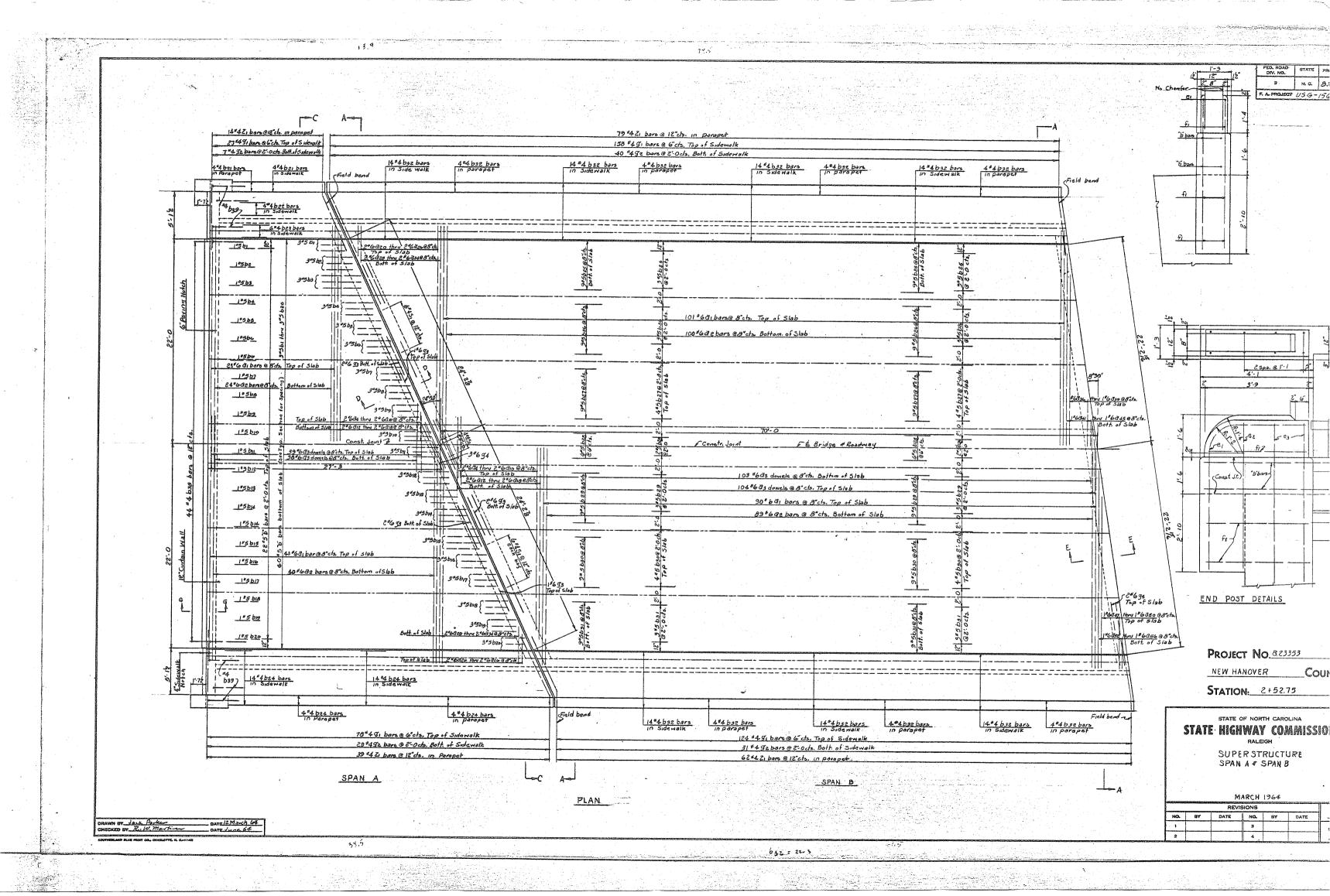
STATE HIGHWAY COMMI

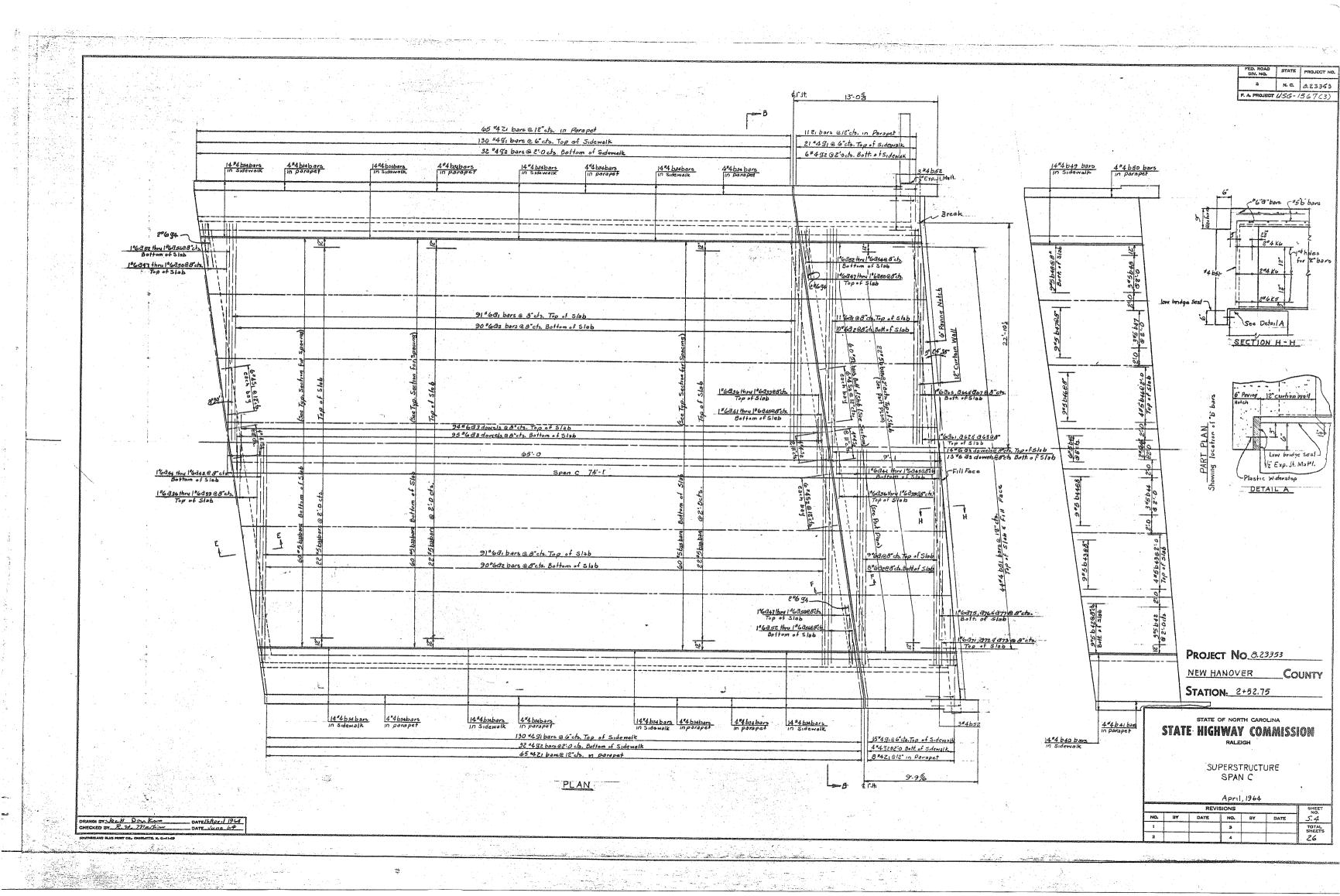
GENERAL DRAWING FOR BRIDGE ON FRONT STREET IN WILMINGTO

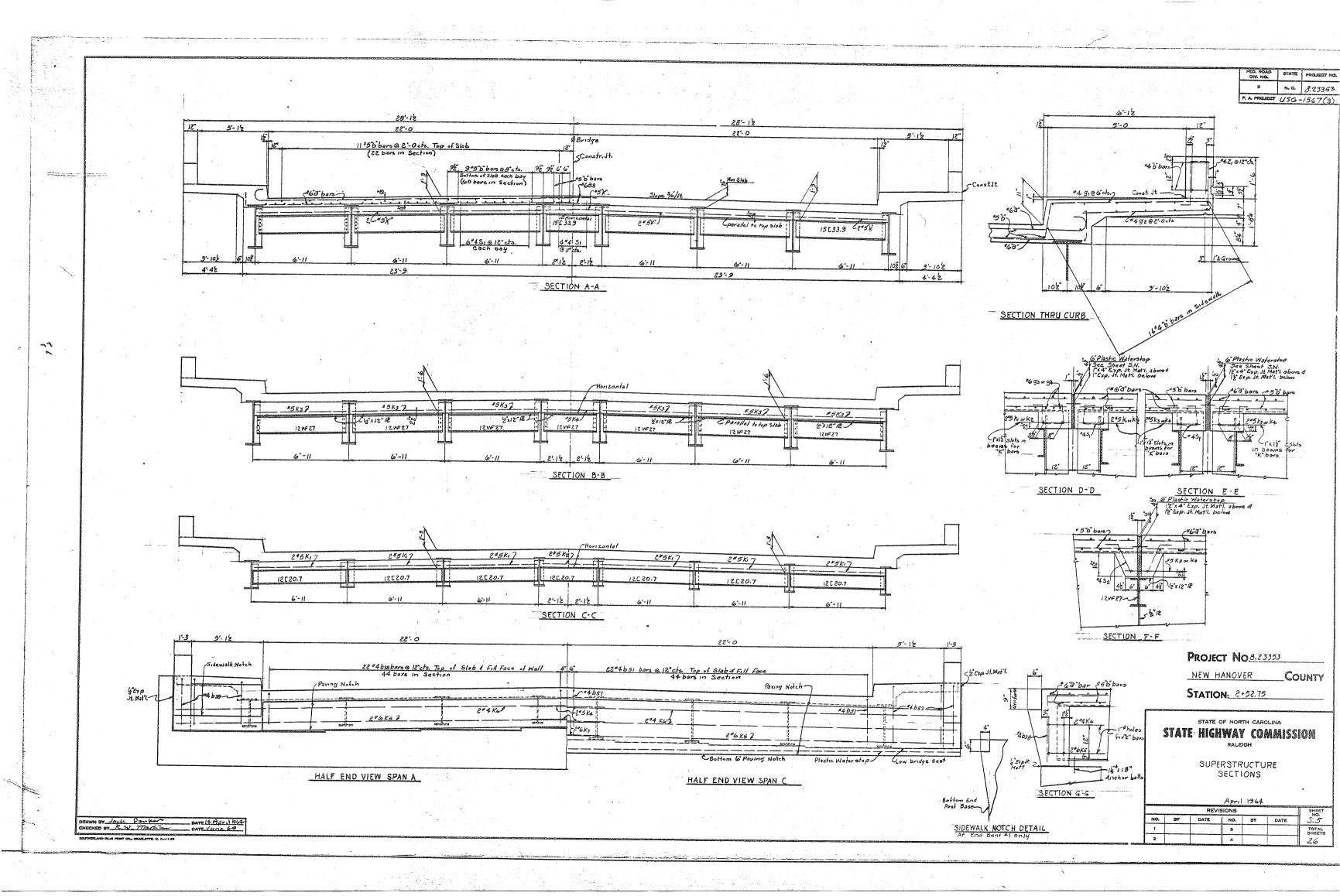
OVER
ATLANTIC COAST LINE RAILRO

April, 1964 REVISIONS

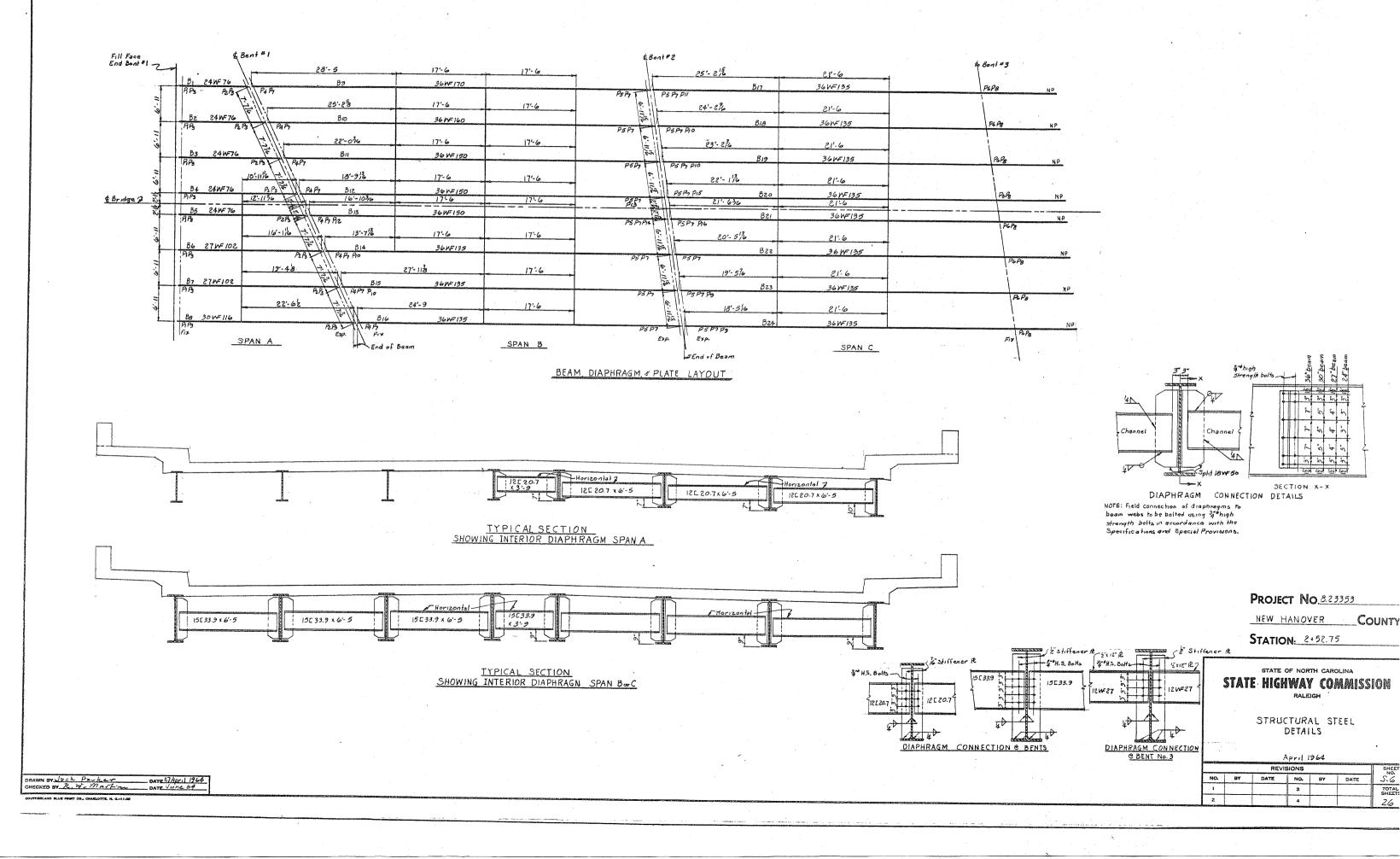
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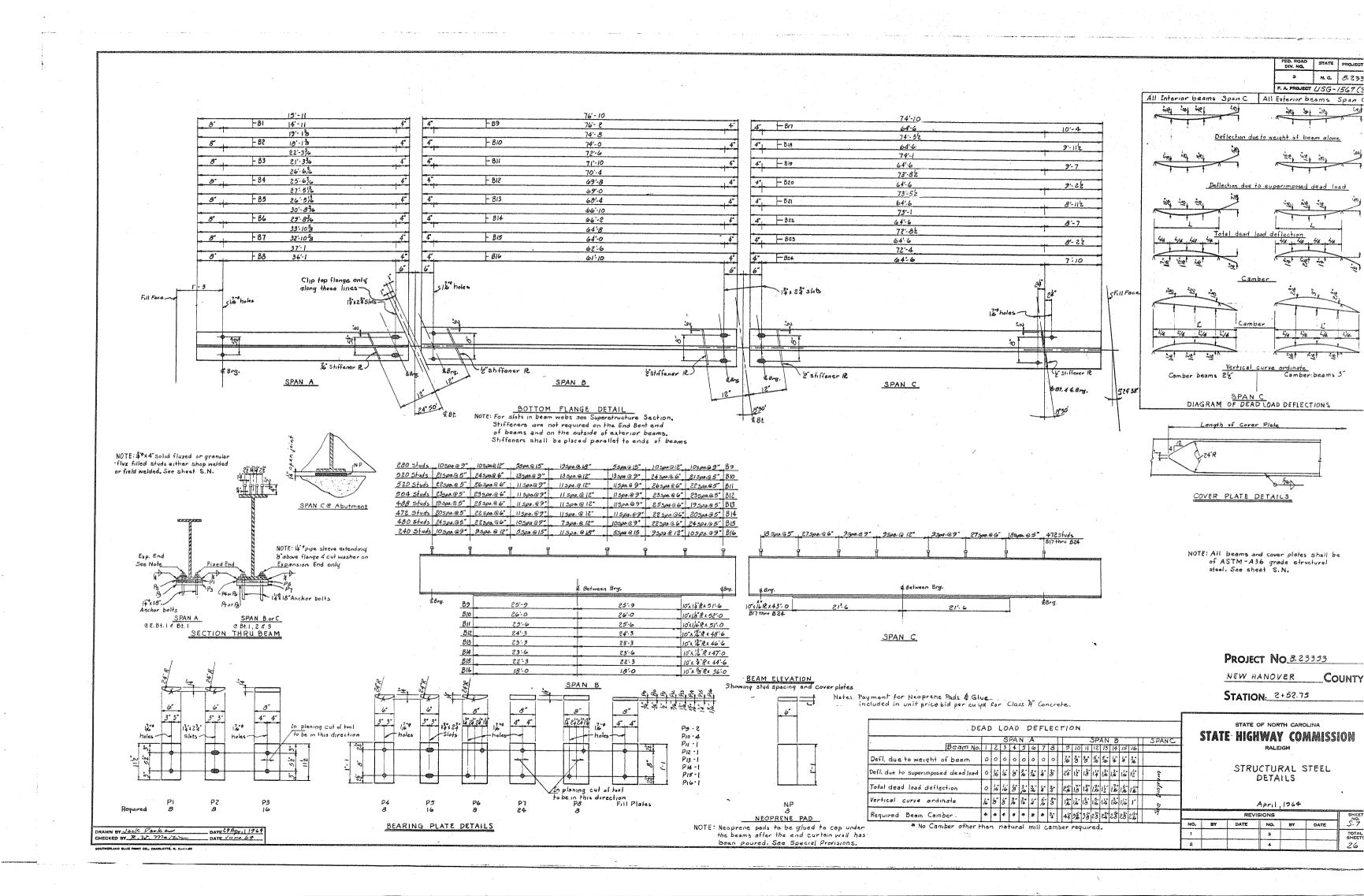










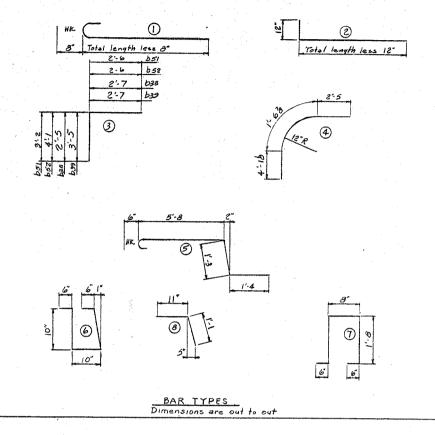


SPAN A	SPAN B	SPAN C
Bar No. Size Type Length Weight   Bar No. Size Type Length Weight		Bar No. Size Type Length Weight   Bar No. Size Type Length Weight
a 66 6 1 24-1 2387 bis 4 5 Str. 31-6 131	d1   191 6   1   24'-1   6909   d52   1 6   2   22'-4   34	9 202 6 1 24-1 7459 b45 8 5 str. 8'.7 72
92 64 6 2 24-5 2347 b16 4 5 Str. 32-5 135	d2 189 6 2 24'5 6931 d53 1 6 2 17'10 27	az 198 6 2 24.5 7261 b46 13 5 Str. 8-10 120
3 77 6 Str. 6:0 694 bi7 4 5 Str. 33'-4 139	3 207 6 Str. 6-0 1865 354 1 6 2 13-4 20	23 216 6 Str. 6-0 1947 647 12 5 Str. 9.2 115
bi8 4 5 Str. 34'-8 145	355     1     6     2     8'-11     13	
34 2 6 Str. 20-8 62 b19 4 5 Str. 35-7 148		336 3 6 5th 19-1 86 b49 14 4 5tr. 9-9 91
95 2 6 3tr. 17'-9 53 b20 4 5 Str. 36'-6 152	35 2 6 Str. 17'-9 33	
96 2 6 Str. 14'-10 45 bei 8 4 Str. 16'-0 86	36 2 6 Str. 14-10 45 625 24 5 Str. 39.6 989	1 7 0 34
97 2 6 Str. 18-0 36 b22 4 4 Str. 14-6 39		
98 2 6 Str. 9'-1 27 b23 6 4 Str. 15-11 64		339 3 6 Str. 5.8 66 b53 6 4 3 6-7 26
39 2 6 Str. 6-3 19 024 36 4 Str. 21-1 507		34 3 6 Str. 214 96 91 296 4 5 8:9 1730
a10 2 6 Str. 3'-4 10 b38 44 4 3 5-0 147		7 9 9 1130
b39 6 4 3 6·0 24		N
aiz 2 6 Str. 21-4 64		
913 2 6 5tr. 18'-6 56 C1 4 4 4 8'-1 22	1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 0 1 0 0 0 1 0 0 0 0 1 1 0	
a14 2 6 Str. 15'-7 47 e2 4 4 Str. 5'-4 14		
35 2 6 Str. 121.8 38 C3 8 4 Str. 6-2 33		K4 8 5 Str. 4'-0 33
416 2 6 Str. 91.10 30	31 2 1 2 1 3 1 2 1 3 1 2 3 1 2 3 1 3 1 2 3 1 3 1	947 3 6 1 19.9 89 K5 4 6 Str. 28.3 170
an 2 6 Str. 6'-11 21 f. 12 4 Str. 3'.5 27	35 11 + 3/6, 4-1 21/	3 6 1 15:3 69 K6 8 4 Str. 28:0 150
au 2 6 Str. 4'-1 12	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	3 6 1 10:10 49 K7 2 6 Str. 4:0 12
91 105 4 5 8-9 614		d50 3 6 1 6·4 29
aro 2 6 1 21.4 64 92 27 4 5tr. 4-7 89		51 40 4 6 3:6 94
a21 2 6 1 18-5 55 93 6 6 5tr. 25-10 233		d52 3 6 2 22'-4 101 Sz 40 4 8 2'-0 53
are 2 6 1 15'-6 47 94 3 6 5tr. 5'-0 23		a 53 3 6 2 17'-10 80
423 2 6 1 12'-8 38	7-0 0 1 N3 12 3 N5 0-0 83 (	as4 3 6 2 13'.4 60 Z1 149 4 7 5'.0 498
d24 2 6 1 9'-9 29 K1 12 5 Str. 7'3 91		3 6 2 8'11 40
d25 2 6 1 6'-11 21 Kz 2 5 Str. 4'4 9		3 6 2 4.5 20 e, 4. 4 4 81-1 22
926 2 6 1 4'-0 12 K4 2 5 Str. 4'0 8		C2 4 4 5tr. 5'-4 14
k5 4 6 5tr. 28'-0 168		361 1 6 Str. 16-6 25 C3 8 4 Str. 6-2 33
aes 2 6 2 22-4 67 K6 4 4 Str. 28-0 75		362 1 6 Str. 9'-5 14
#29 2 6 2 19-6 59 K7 2 6 Str. 4-6 14		363 1 6 Str. 2'-4 4 f1 12 4 Str. 3'-5 27
BB 2 6 2 16-7 50		
331 2 6 2 13'-8 41 51 40 4 6 3'6 94		dus 1 6 str. 20'-0 30
332 2 6 2 10'-10 33		366 1 6 Str. 12'-11 19
A33 2 6 2 7'-11 24 21 53 4 7 5'-0 177		367 1 6 Str. 5'-11 9
334 2 6 2 5'-11 15		
		<u>471   6   17-2 26                                   </u>
bi 4 5 Str. 16'-7 69		772 1 6 1 10'-1 15
b2 4 5 Str. 17'-7 73		<i>a</i> 73   6   3'-0   5
b3 4 5 Str. 18:6 77	337     1     6     5th.     14'.7     22       438     1     6     5th.     10'.2     15	
b4 4 5 Str. 19:11 83		275 1 6 2 21'-0 32
b3 4 5 Str. 20:10 87		376 1 6 2 13'-11 21
b6 5 5 Sfr. 21'-9 113		an 1 6 2 6-11 10
b7 4 5 Str. 23-1 96	341 1 6 Str. 21-4 32	
b8 4 5 Str. 24-0 100	342 1 6 Str. 16'-10 25	b33 246 5 Str. 22-10 5859
b9 4 5 Str. 24'-11 104	343 1 6 Str. 12:4 19	b34 144 4 Str. 17'-2 1651
bio 4 5 Str. 26-4 110	344 1 6 Str. 7:11 12	
		b40 14 4 Stn 7'-3 68
	Reinforcing Steel lbs. 28,209	b4 4 4 Str. 9:4 25 Reinforcing Steel 16s. 29851
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	30 Class & Conc. cu. yds. 109.6	b42 12 5 Str. 7-6 94 Class "A" Conc. Cu. 4ds. 132.0
7.76	448   6   15'-3   23   1Bar Metal Rail Inft.   40.00	643 13 5 Str. 7-10 106   1Bar Metal Rail lin.ft. 145.00
bi4 5 5 Str. 30-1 157 Structural Steel Lbs. 22,600	a49 1 6 1 10:10 16 Structural Steel Lbs. 109,000	b44 12 5 Str. 8'-3 103 Structural Steel Lbs. 100, 400
	350 1 6 1 6 4 10	

FED. ROAD DIV. NO. STATE PROJECT

9 N. C. 8.233

F. A. PROJECT L/SG-/5676



PROJECT No. 823353

NEW HANOVER COUNTY

STATION: 2+52.75

STATE HIGHWAY COMMISSION
RALEIGH

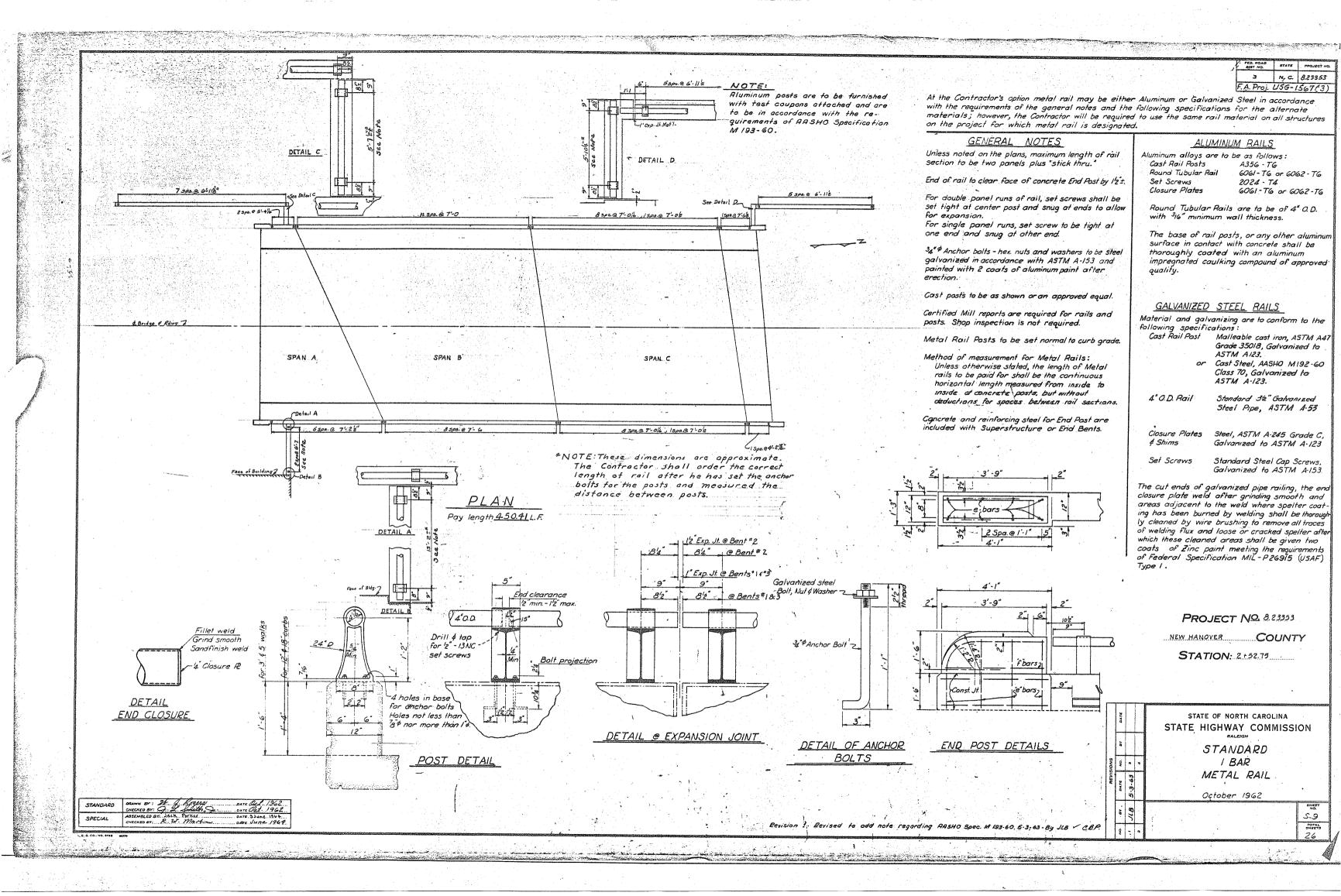
BILL OF MATERIAL

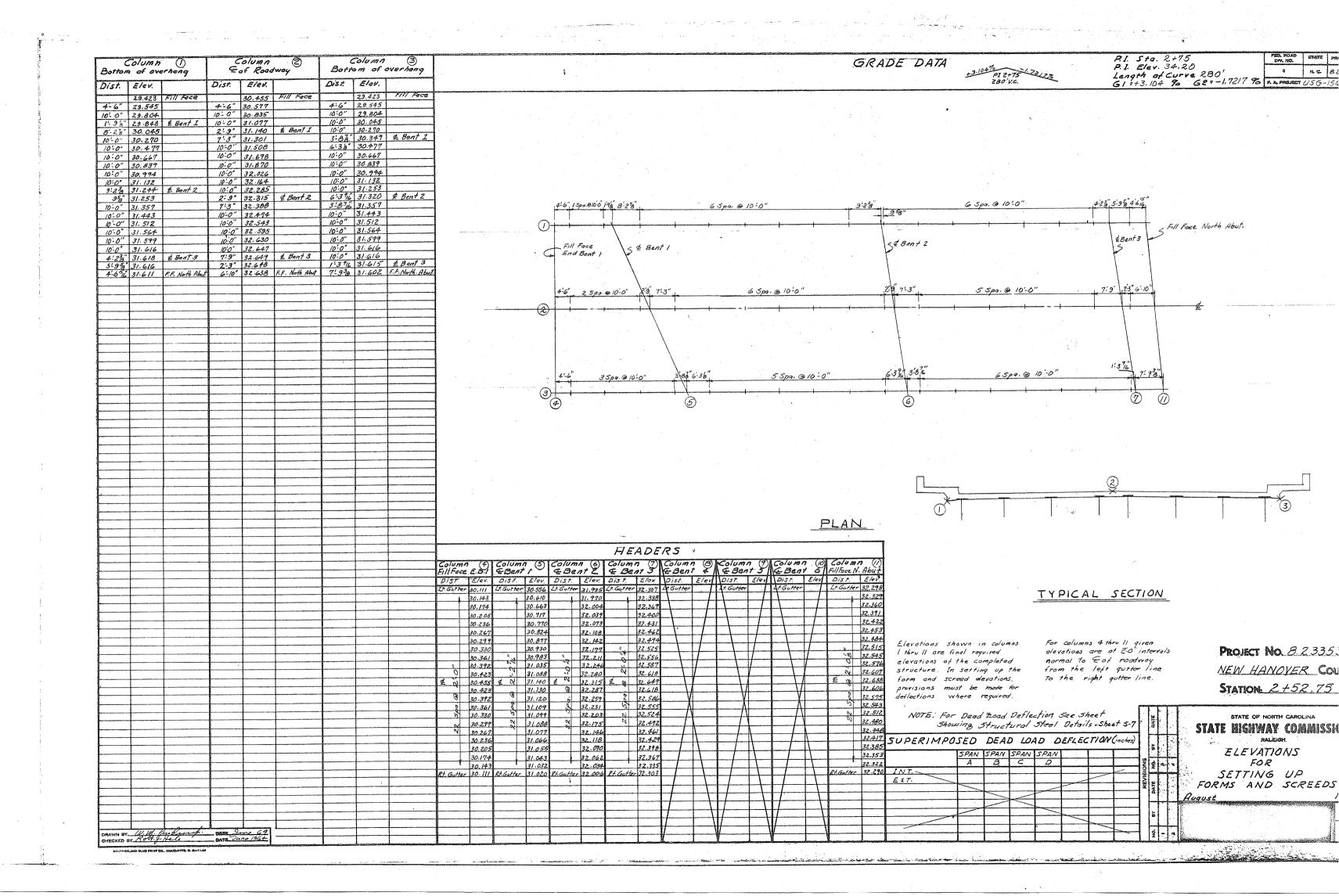
March 1964

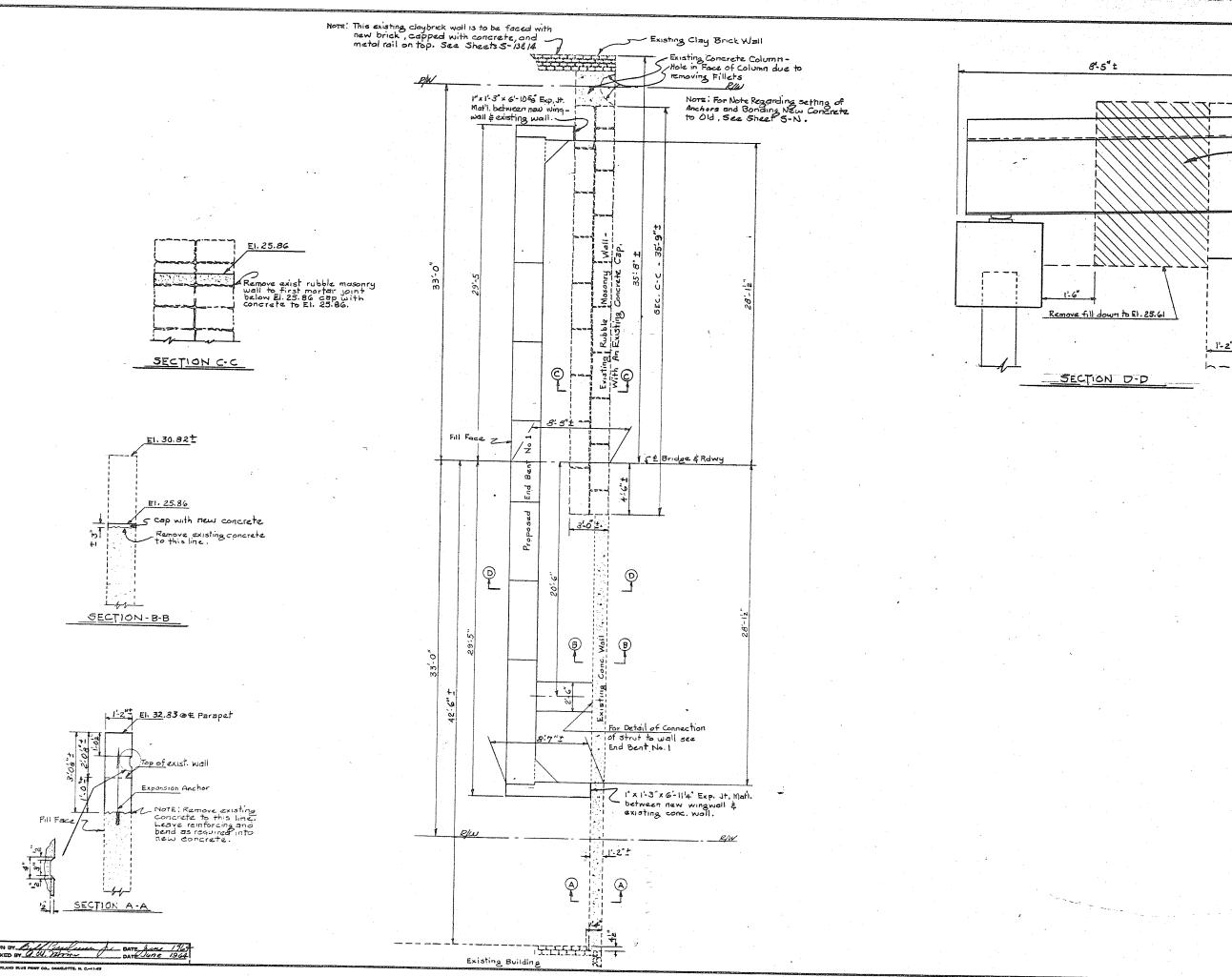
REVISIONS					SHEET NO.	
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			3			TOTAL SHEETS
			4			. 26

ORAWN BY JOLK Porker DATE & March 19.
CHECKED BY R. W. Martin DATE Vanc. 1964

CONTROLLED THE PERF CO. CHEROTTE IS COLLEGE







M. C. 8.233 F. A. PROJECT USG - 15670

Note: This area to be excavated 26-00 symmetrical about & of Bridge and paid for as Unclassified Strue Excavation.

Unclass. Structure Excap. = 35 cu. yds. this amount included in Bill of Matt-se sheet No. 5-14.

Cut Exist wall and recap to

S Exist Conc. Wall

PROJECT No. 8.23353

NEW HANOVER

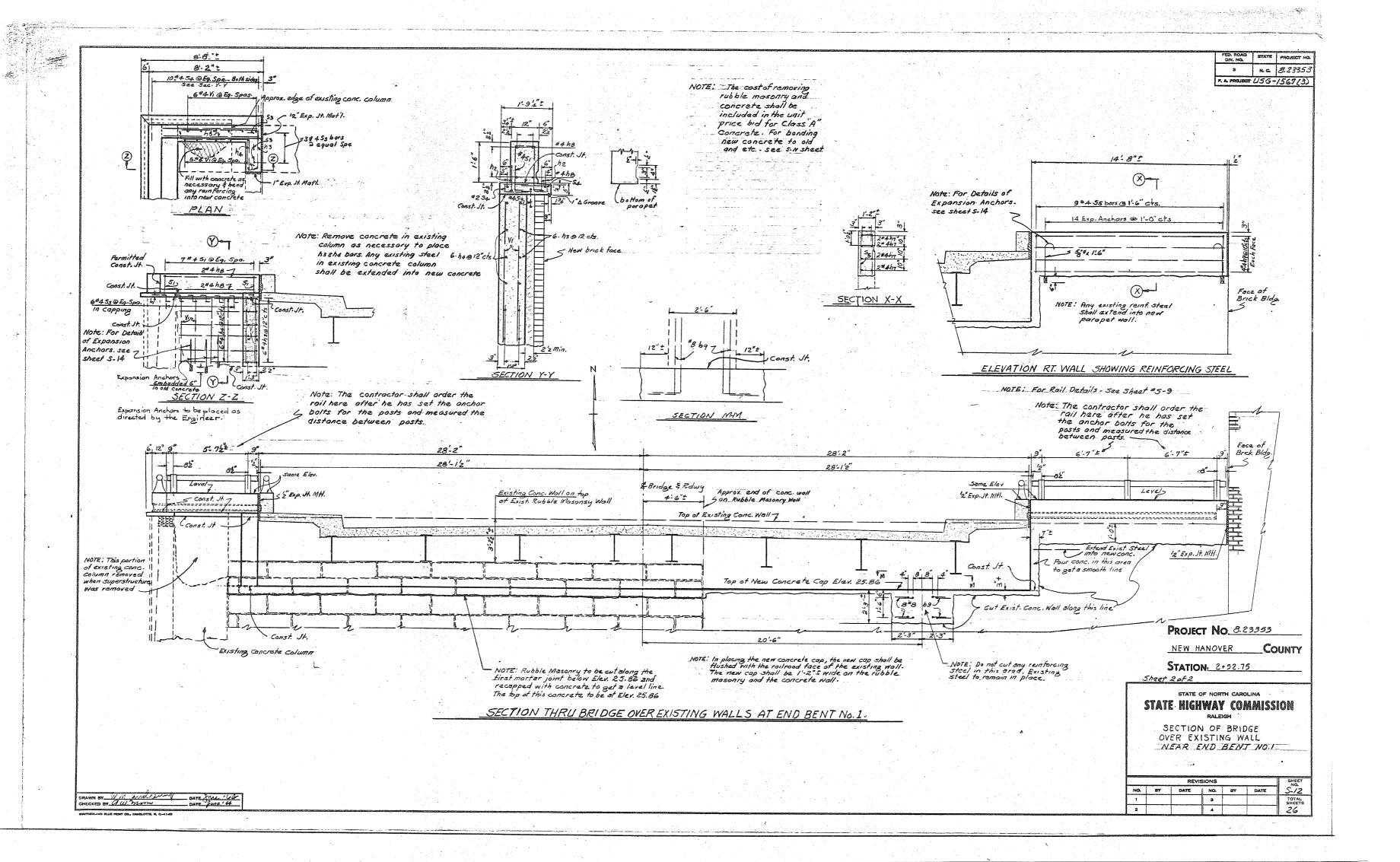
STATION: 2+ 52.75

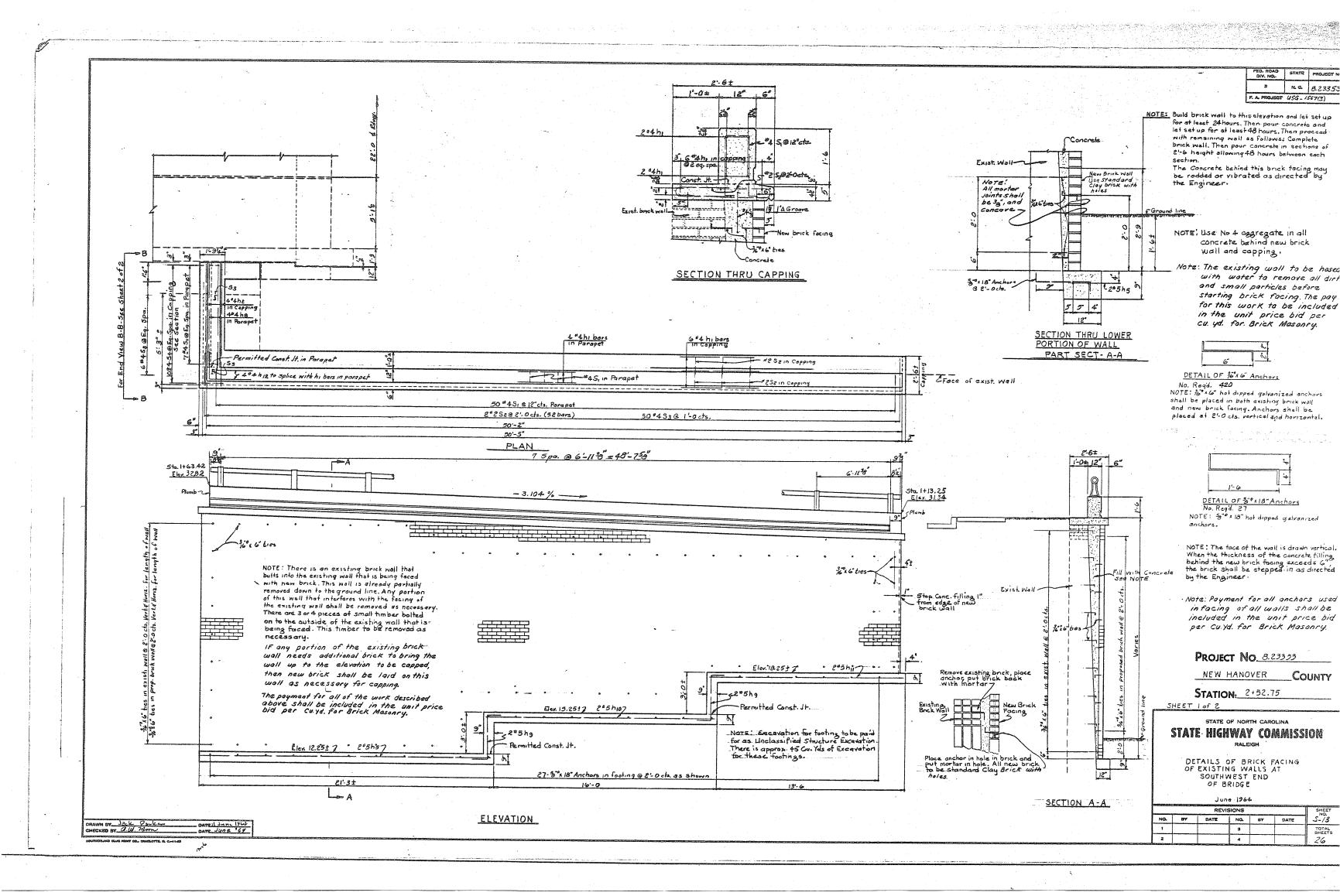
STATE OF NORTH CAROLINA STATE HIGHWAY COMMISSION

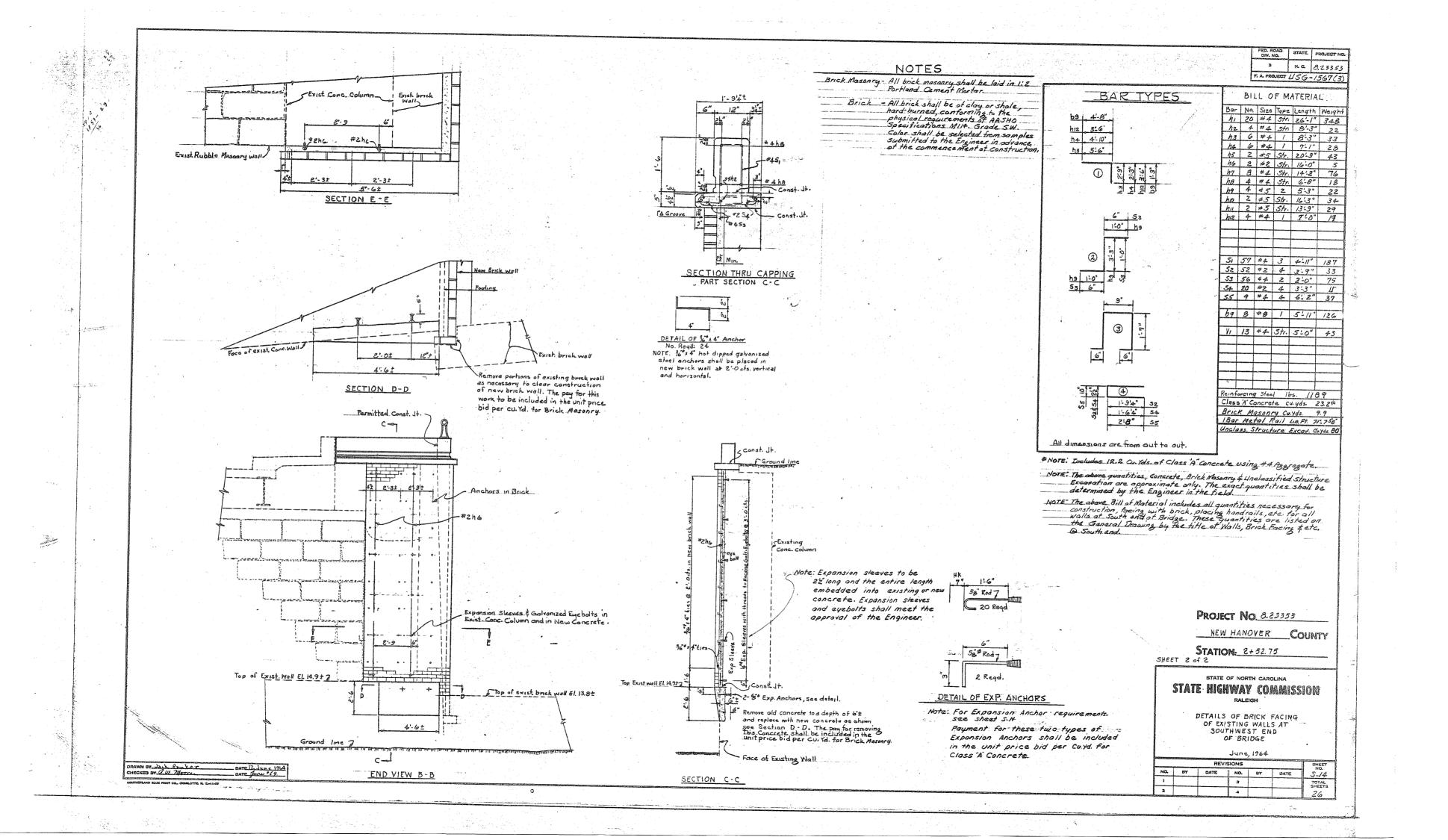
RALEIGH

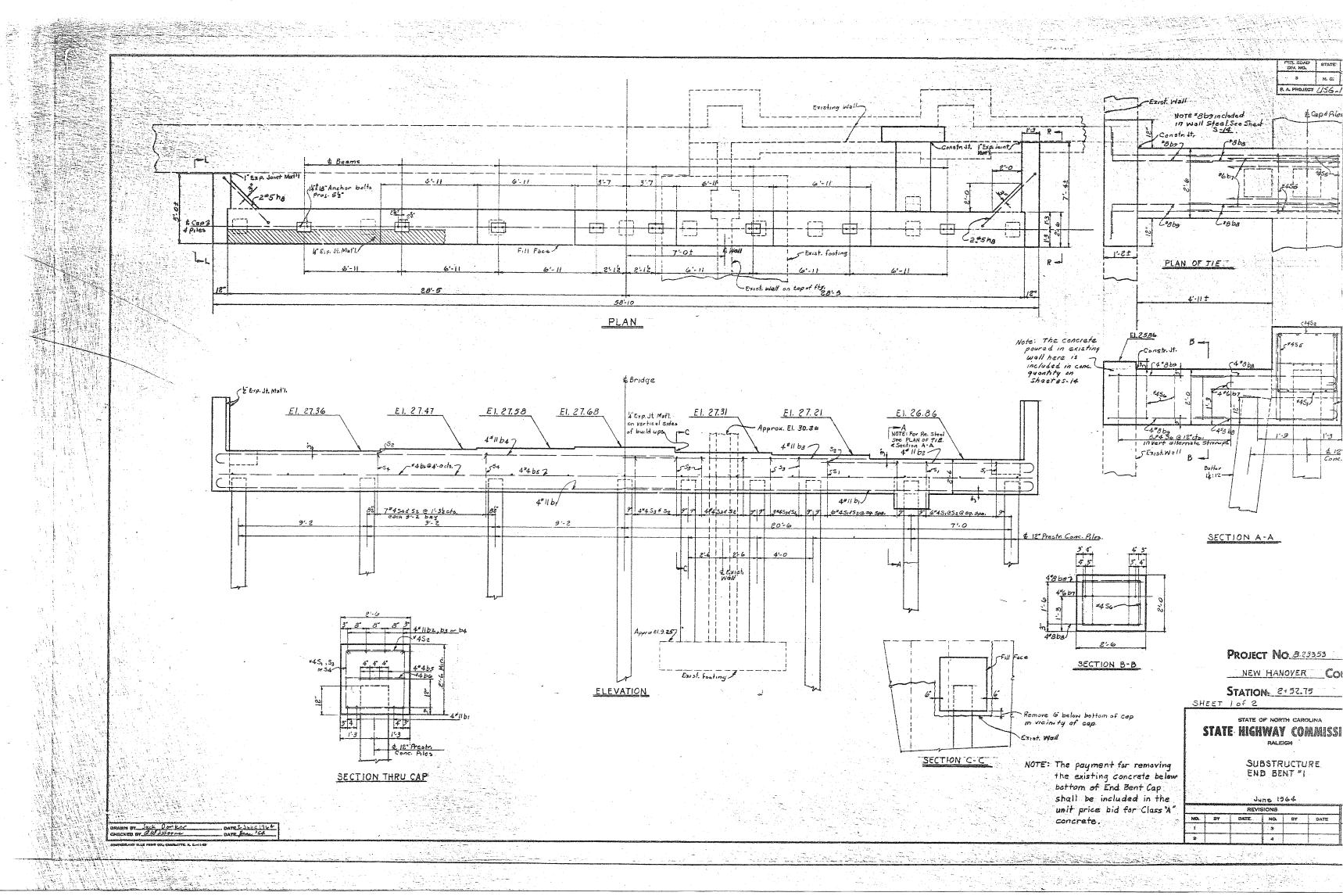
PLAN OF EXISTING WALL NEAR END BENT NO.1

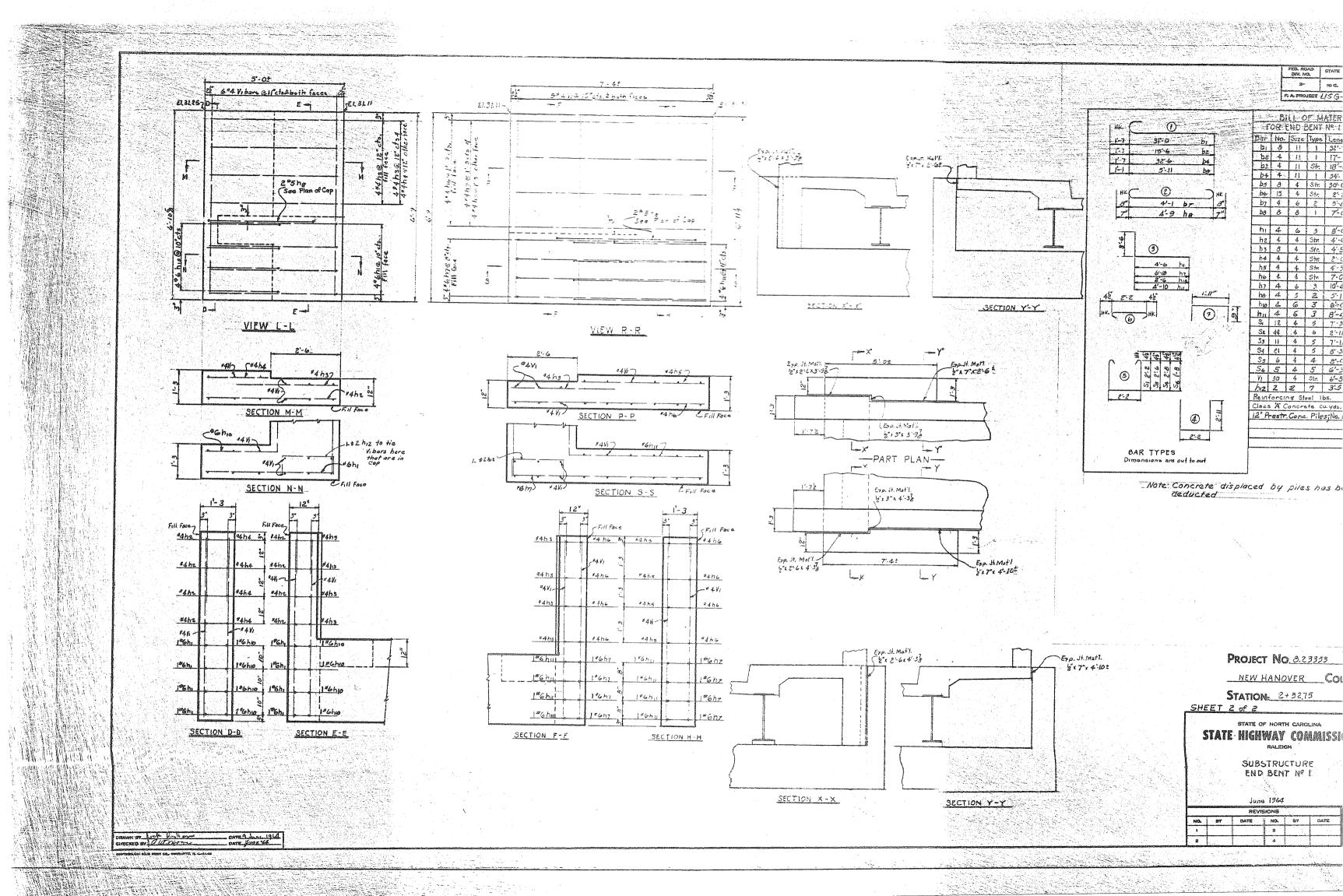
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1			3			TOTAL SHEETS
2			4			26

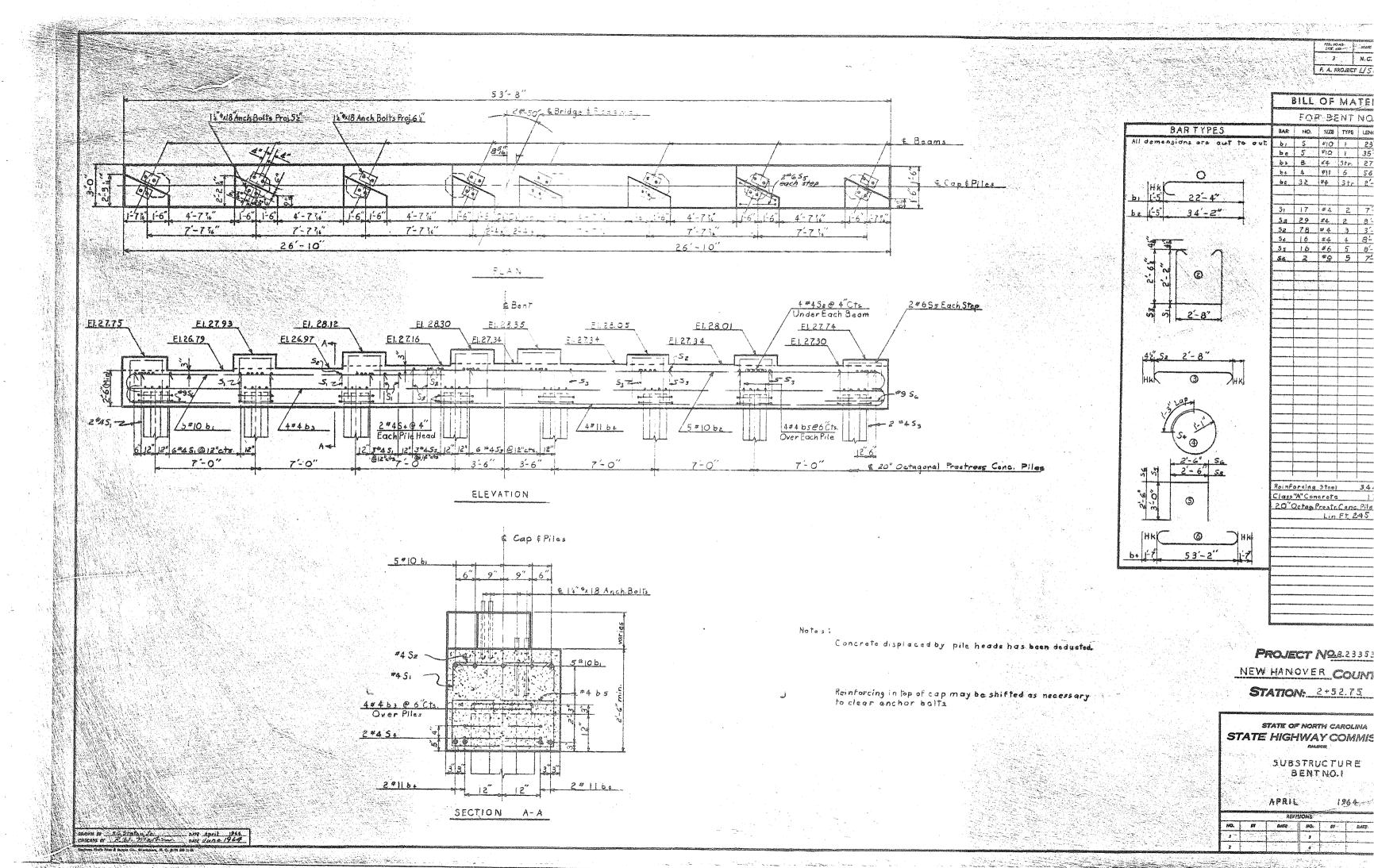








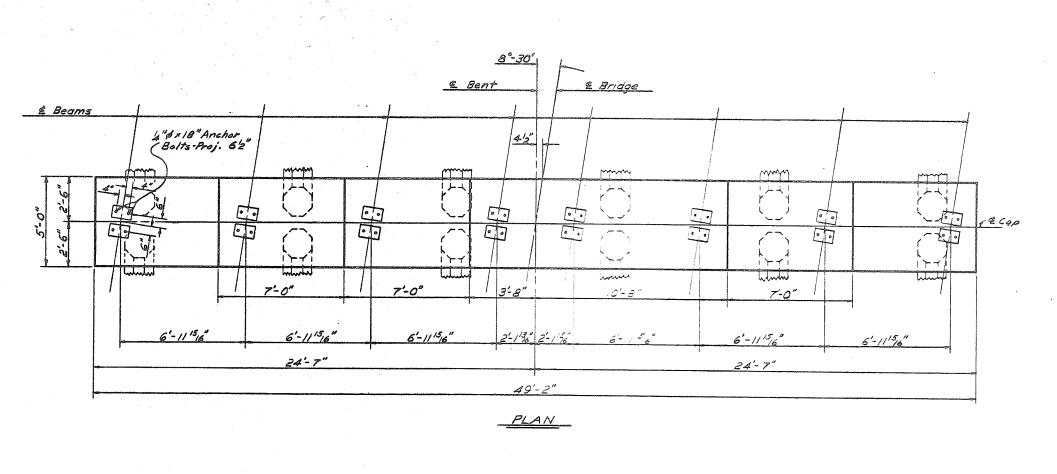


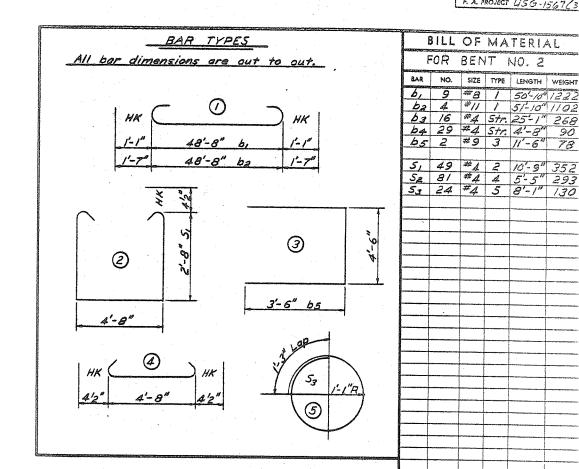


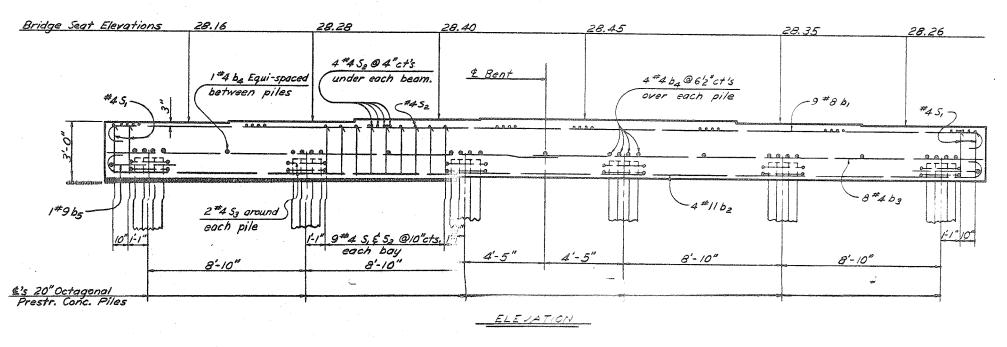


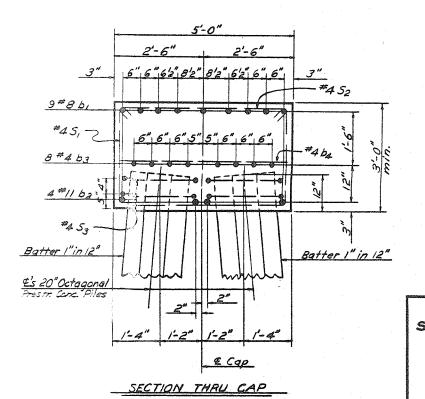
BILL OF MATERIAL

FOR BENT NO. 2









\* Concrete displaced by pile heads has been deducted. PROJECT No. 8.23353 NEW HANDYER COUNTY STATION: 2 + 52.75

Reinforcing Steel-Los = 3,535 Class "A" Concrete-Cu. Yds. = 27.9 \* 20"Oct. Prestr. Conc. Piles :

No.=12

1964

STATE OF NORTH CAROLINA STATE HIGHWAY COMMISSION

SUBSTRUCTURE BENT NO. 2

APRIL

REVISIONS					SHEET NO.	
NO.	BY	DATE	NO.	ĐΫ	DATE	5.10
ī			3			TOTAL
2			4			26

CHECKED BY R. W. Marking DATE Sune 1964

