

January 16, 2024

ADDENDUM NO. 1

Notice to All Persons and Firms Proposing to Submit a Bid or Furnish Materials for Bayless Avenue Bridge No. 419 Federal Project No. STP-4900(637)

The following questions were posed for this project:

No. 1

Are there existing bridge plans available?

Yes, they are attached.

No. 2

What is the schedule for Spire and Missouri American Water to abandon their facilities? Also, what is the schedule for AT&T's relocation?

Utility information including timelines for any outstanding relocations are noted in JSP 100.70.3 Utility Coordination.

ATTENTION BIDDERS: THE ADDENDUM ACKNOWLEDGEMENT IN THE BID DOCUMENTS MUST BE COMPLETED AND SUBMITTED WITH ALL BID PROPOSALS.

Daniel Howell, Ph.D., P.E.

Supervisor of Project Managers - Bridge

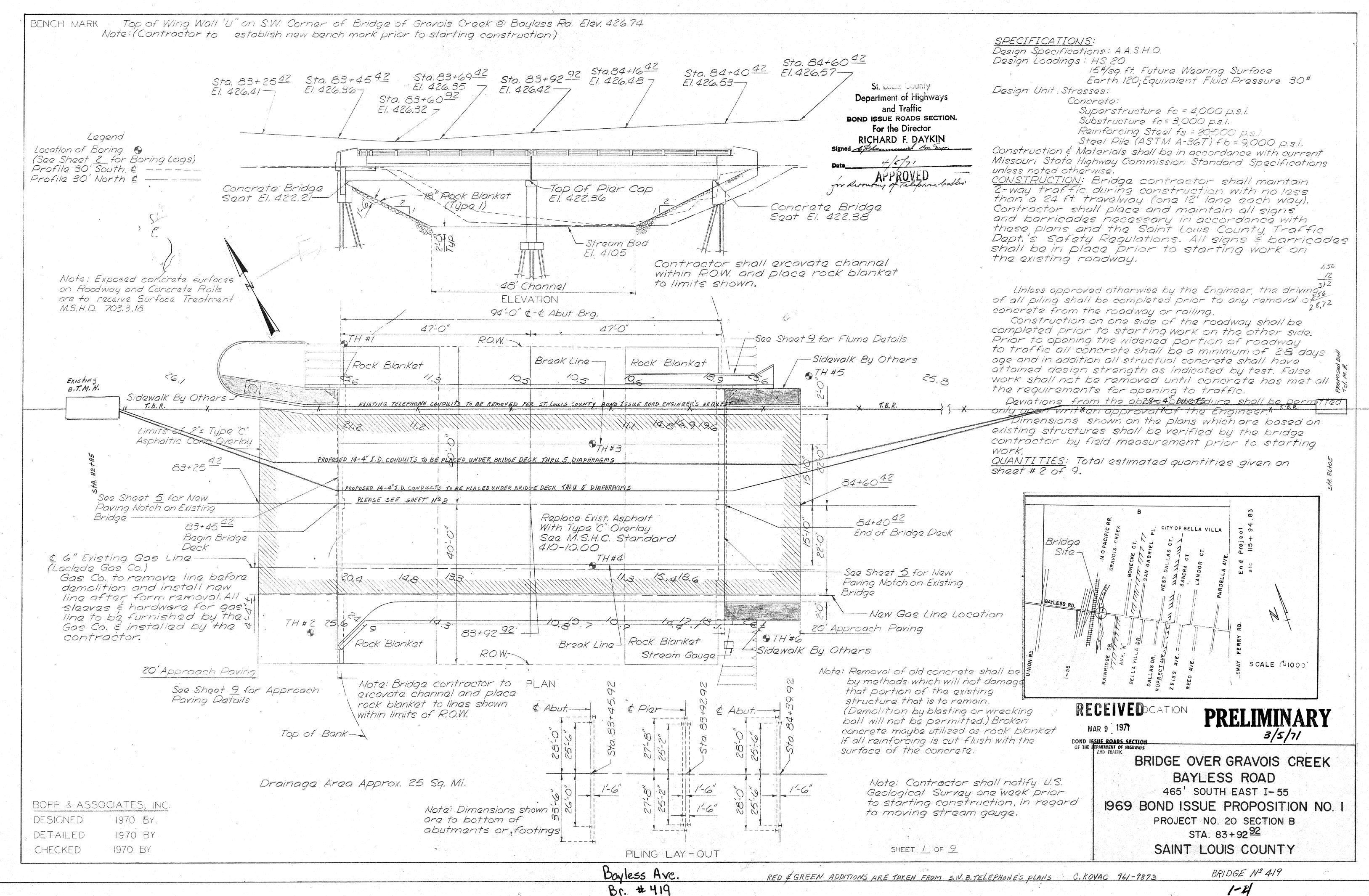
JWK/DAH/dah

Attachment: Existing bridge plans

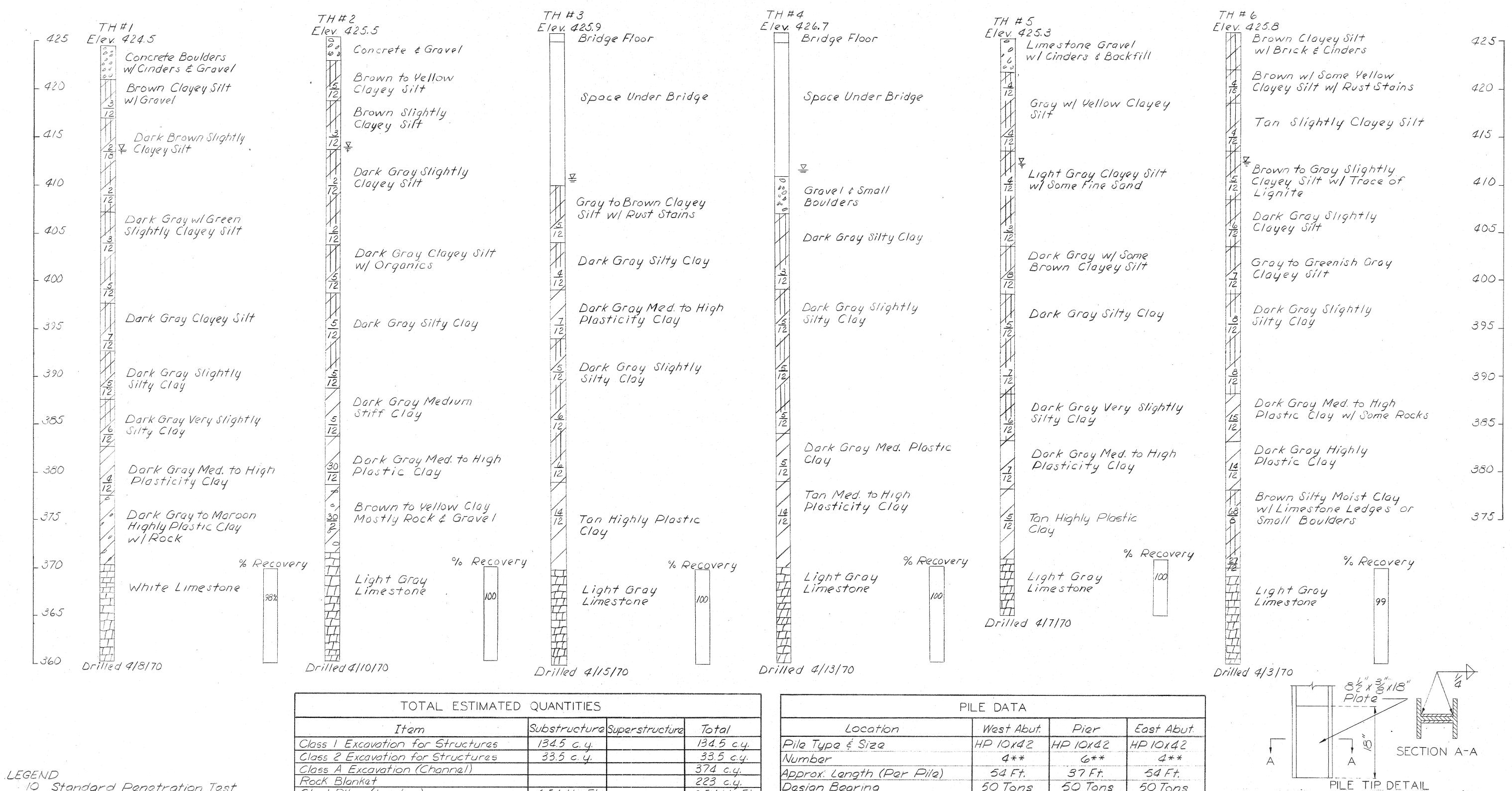
1050 N Lindbergh, Saint Louis, MO 63132 (314) 615-8504

stlouiscountymo.gov





1-4



10 Standard Penetration Test 12 Number of Blows Over Penetration ¥ Groundwater

TOTAL ESTIMATED	QUANTITIES		
Item	Substructura	Superstructure	Total
Class I Excavation for Structures	134.5 C. y.		134.5 c.y.
Class 2 Excavation for Structures	33.5 c. y.		33.5 c.y.
Class A Excavation (Channel)			374 c.y.
Rock Blanket		ont-recommendation in the second contract of	223 c.y.
Steel Piles (in place)	654 Lin. Ft.	COMMUNICATION FRANCISCO STANSON STANSO	654 Lin. Ft.
Concrete Bl	66.7 c.y	188,7 c.y.	255,4 c.4.
Reinforcing Steel	4732 lbs.	35,280 lbs.	40,012 lbs.
·Aluminum Rail (Double Tube Type)		192.4 Lin. Ft.	192.4 Lin. Ft.
Removal of Asphalt Surface"			Lump Sum
Removal of Old Concrete			Lump Sum
Removal of Approach Paving			Lump Sum
Concrete Approach Paving			256 59. yds.
Tack (Liquid Asphalt)			30 gals.
Asphalt Surfacing			102 fons
Flume Concrete B1			3.9 c.y.
 Flume Reinforcing		The second secon	214 165.

PILE DATA				
Location	West Abut.	Pier	East Abut	
Pile Type & Size	HP 10x42	HP 10x42	HP 10x42	
Number	4**	6**	4**	
Approx. Length (Per Pile)	54 Ft.	37 Ft.	54 Ft.	
Design Bearing	50 Tons	50 Tons	50 Tons	
Hommer Energy Read. *	12,250 Ft.#	12,250 Ft. #	12,250 Ft.#	

Notes: * Minimum energy requirement of hammer based on plan length and design bearing value of piles. All pile shall be driven to practical refusal at 1.9 times the design bearing value.

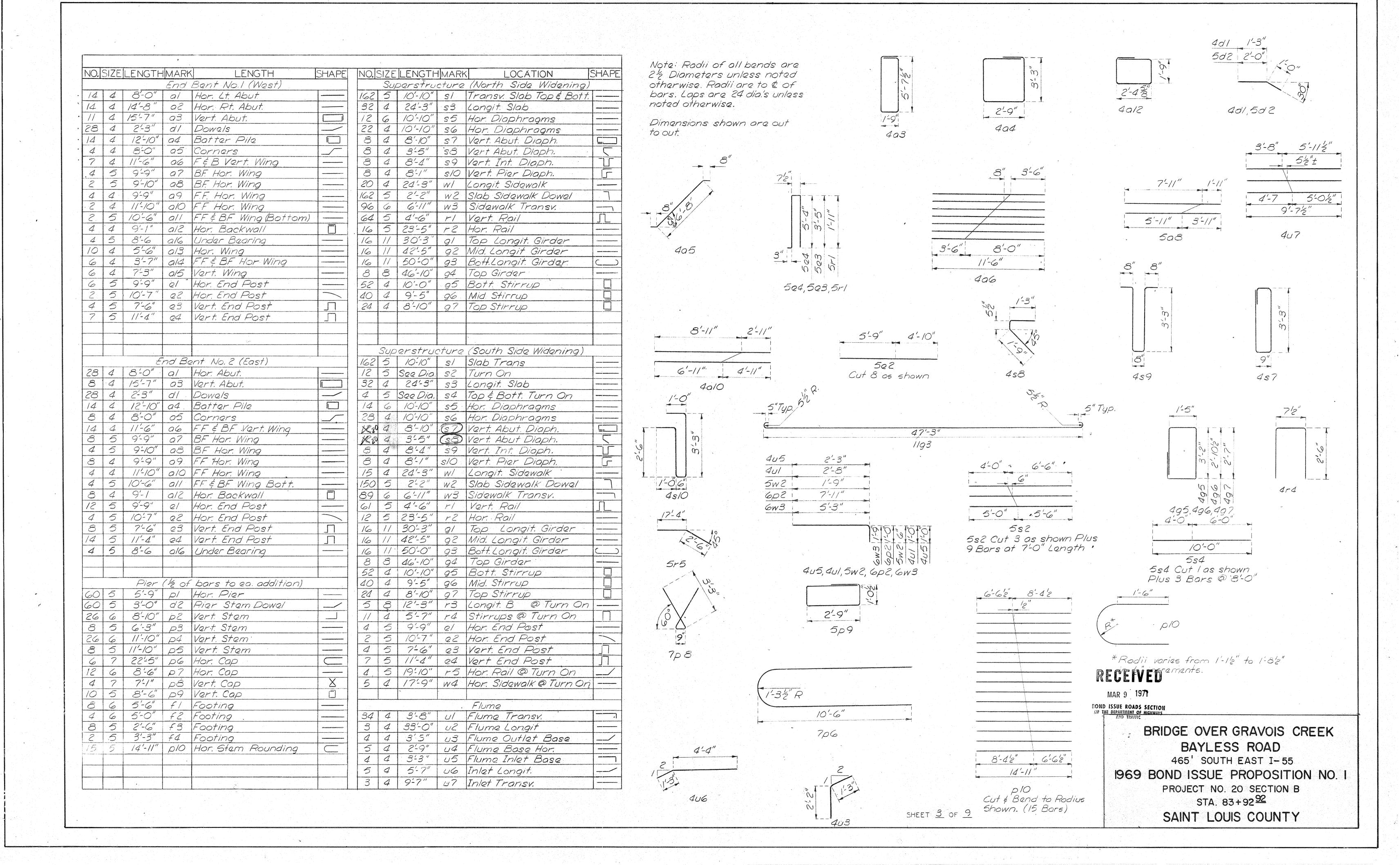
** Pile tips to be reinforced-See Detail Cost of piletip reinforcement to be included in price of pile.

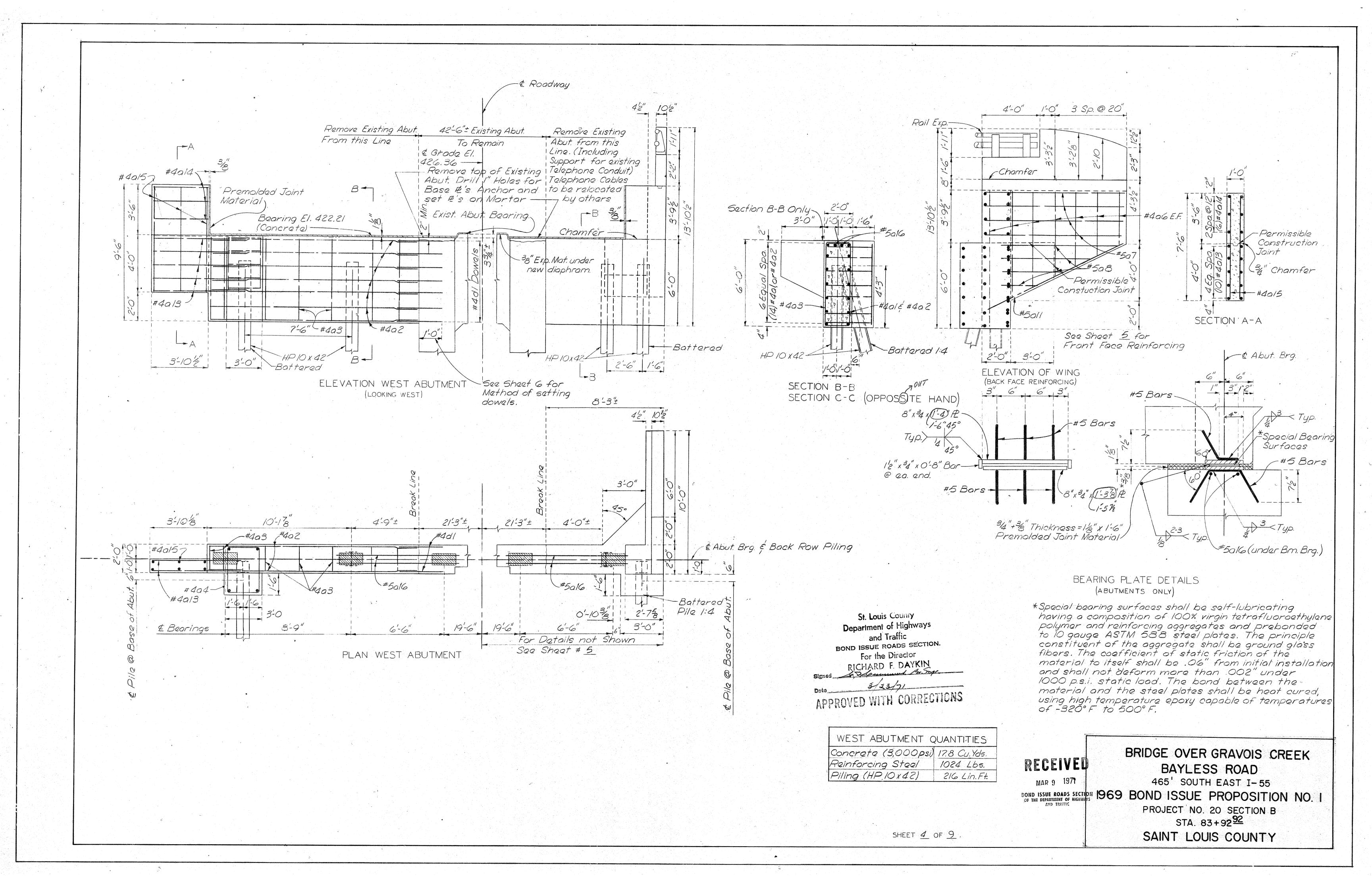
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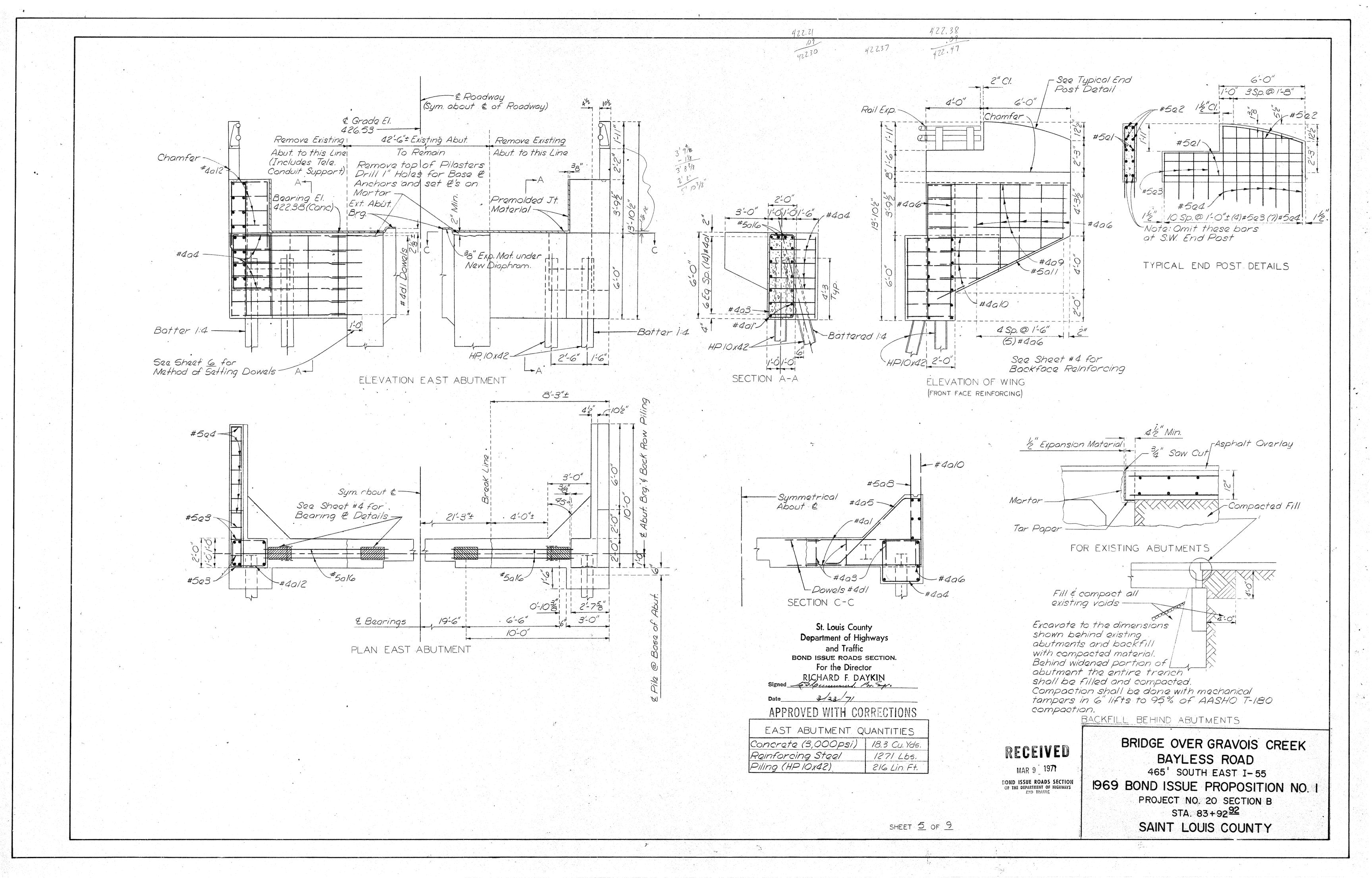
BOND ISSUE ROADS SECTION
OF THE DEPARTMENT OF HIGHWAYS
AND TRAFFIC

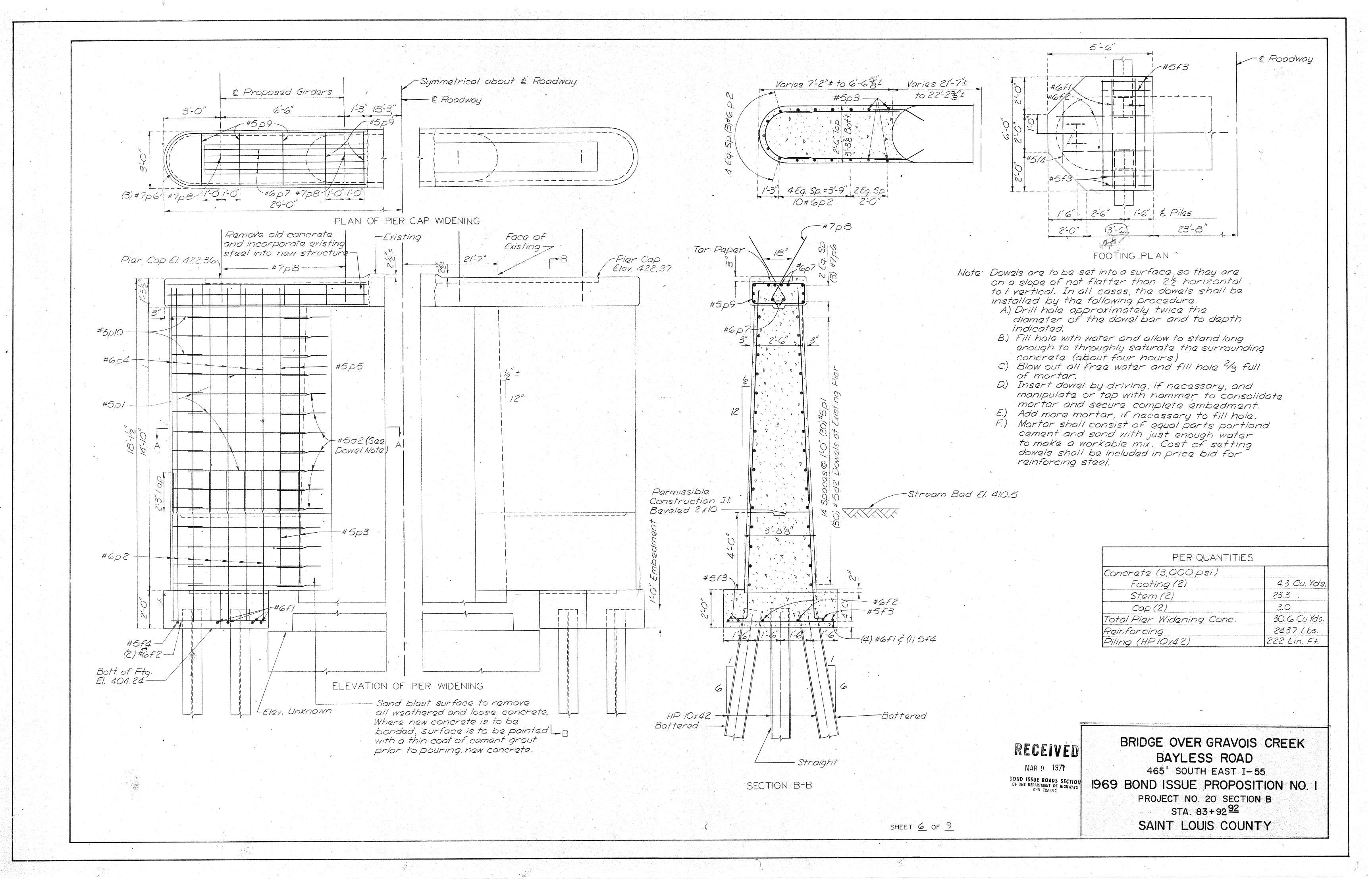
SHEET 2 OF 9

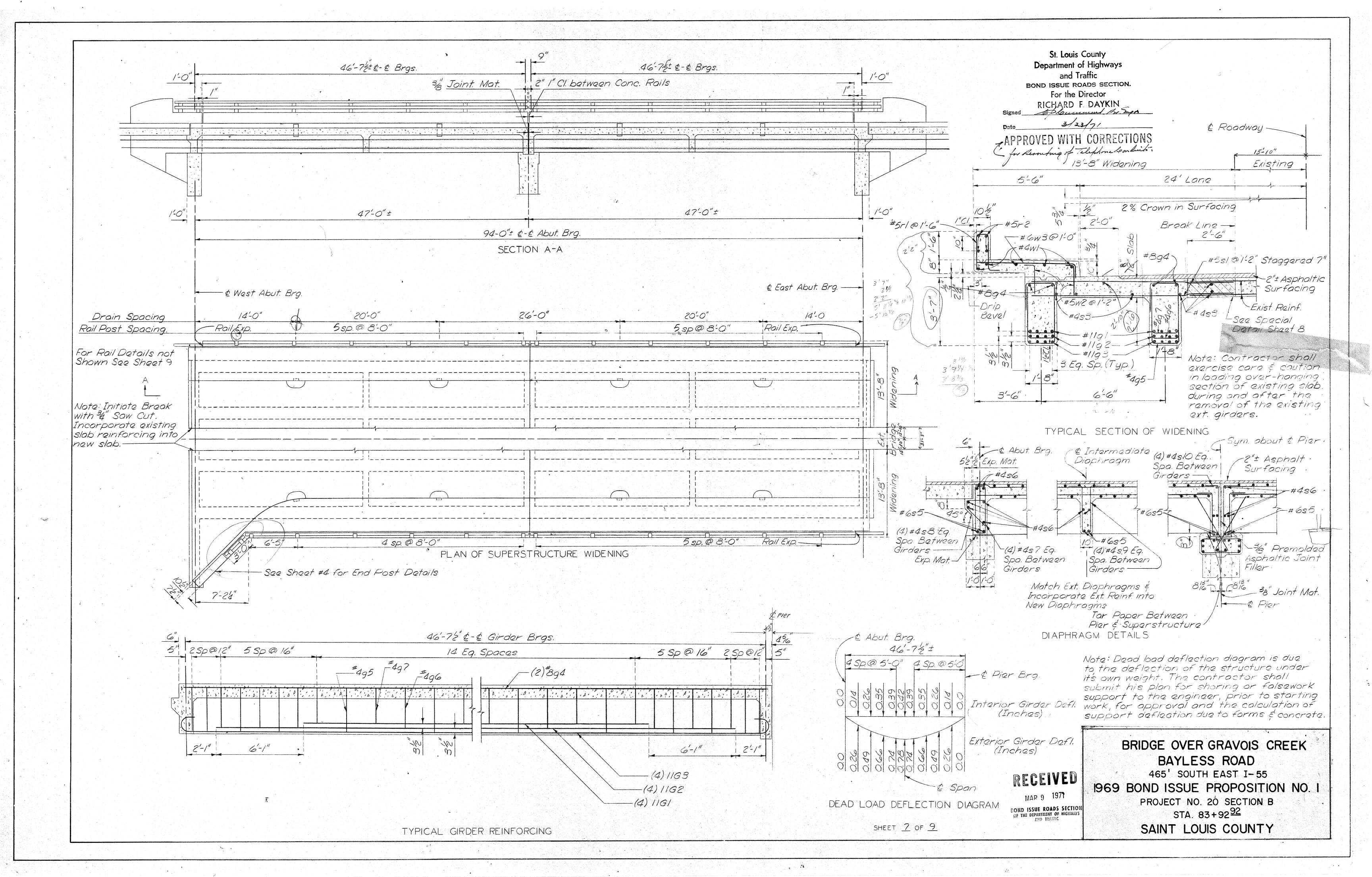
BRIDGE OVER GRAVOIS CREEK BAYLESS ROAD 465' SOUTH EAST I-55 1969 BOND ISSUE PROPOSITION NO. PROJECT NO. 20 SECTION B STA. 83+9292 SAINT LOUIS COUNTY

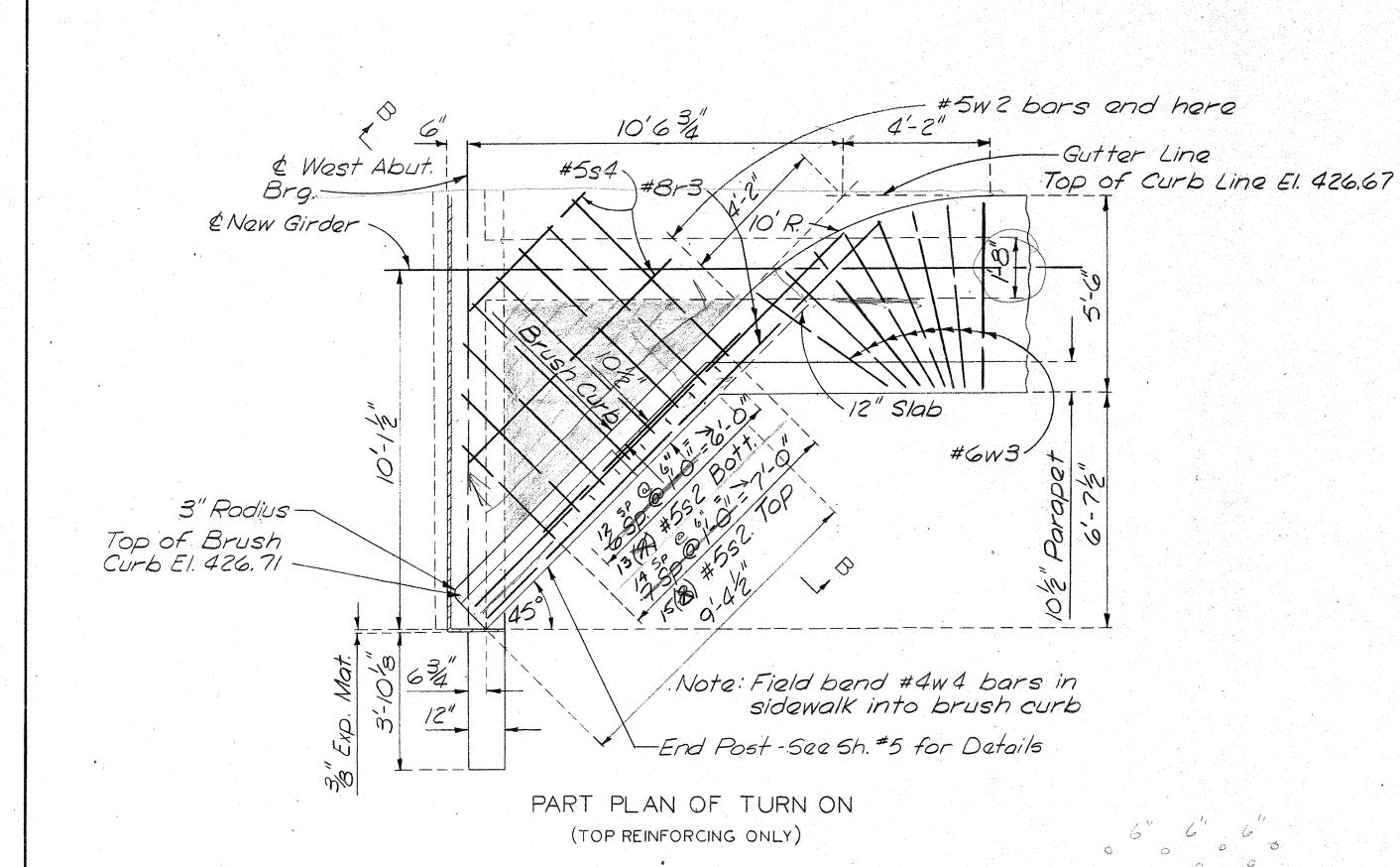


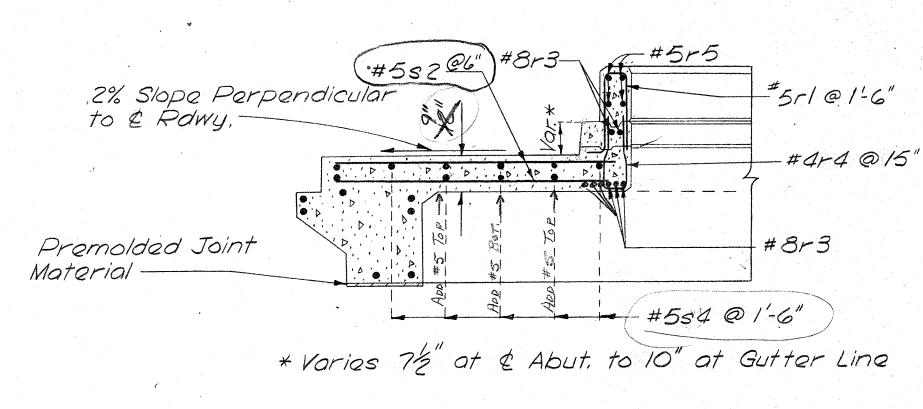






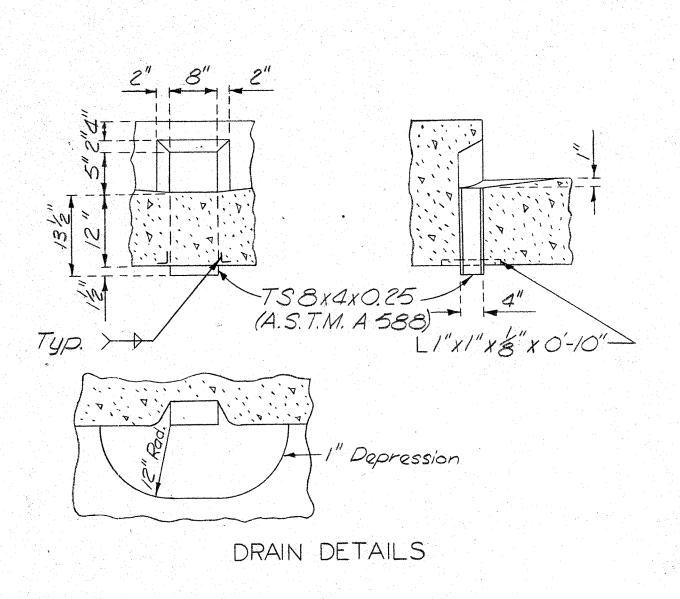


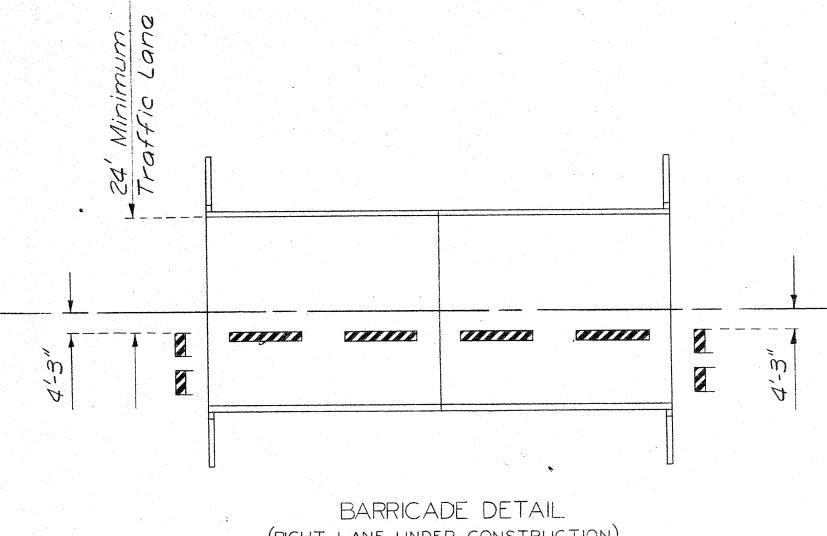




SECTION B-B

CHANGES ABOVE IN RED AS PER C.P.C. 3-27-72 CATEM





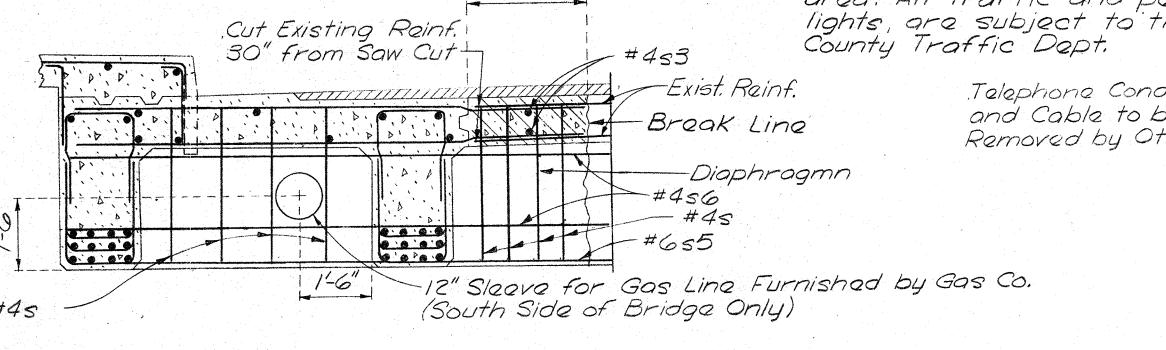
(RIGHT LANE UNDER CONSTRUCTION)

Amber Flashers

For Stability

TYPICAL TRAFFIC BARRICADE

During periods of no construction the traffic barricades shall be backed with snow fence or other approved fencing to prevent pedestrian access to construction area. All traffic and pedestrian barricades, signs, lights, are subject to the approval of the St. Louis County Traffic Dept.



Note: Pour 2'-6" Section of slab and diaphragms after supports for new construction have been removed. Lap new and existing reinf., top and bottom a minimum of 30 dia. In all diaphragms 12" Sleeves to be supplied by Gas Co.

SPECIAL DETAIL

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	v	
duit	15-10" 15-10"	
be thers.		10.3' Asph.
11/2/3		Surface
		-Gas Lina
	Break Line	
CRO!	SS SECTION EXISTING BRIDGE	
	The state of the s	
	2 proposed sets of 14 each of 4"I.D COND	luits
	2 Proposed sets of 14 each under bridge deck.	
<u> </u>	Please. see sheet Nº/	
20		
* * * * * * * * * * * * * * * * * * *	St. Louis County	
	Department of Highways	

St. Louis County

Department of Highways

and Traffic

BOND ISSUE ROADS SECTION.

For the Director

RICHARD F. DAYKIN

Signed

for Resonting of Elephone Cables

SUPERSTRUCTURE QUANTITIES				
Concrete	South Side	North Side	Total	
Slab & Girdars	66.4 Cu.Yds.	63.6 Cu. Yds.	130.0 Cu.Yds.	
Curb	13.8	14.8	28.6	
Roll & E. Post (S. Side Only)	5.0	4.5	9.5	
2'-6" Final Slab Closure	10.3	10.3	20.6	
Total	95.5 Cu. Yds.	93.2 Cu.Yds.	188.7 Cu.Yds.	
Reinforcing	17,876 Lbs.	17,404 Lbs.	35,280 Lbs.	

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MAR 9 1971

BOND ISSUE ROADS SECTION
OF THE DEPARTMENT OF HIGHWAYS
AND TRAFFIC

BRIDGE OVER GRAVOIS CREEK
BAYLESS ROAD
465' SOUTH EAST I-55

1969 BOND ISSUE PROPOSITION NO. 1

PROJECT NO. 20 SECTION B STA. 83+9292

SAINT LOUIS COUNTY

SHEET <u>영</u> OF <u>9</u>

C. KOVAC 961-9873

