Sam Page County Executive



Stephanie Leon Streeter, P.E. Director

August 31, 2023

ADDENDUM NO. 1

RE: Notice to Consultants

Request for Qualifications – Addendum No. 1

- Consulting Project Management & Engineering Services Five-Project Bundle:
 - Chambers Road Bellefontaine Road to STL City Limits
 - St. Louis County Project No. AR-1871
 - Federal Project No. STBG-5401(723)
 - East-West Gateway TIP No. 7305A-24
 - Howdershell Road Utz to Lynn Haven
 - St. Louis County Project No. AR-1874
 - Federal Project No. STBG-9901(696)
 - East-West Gateway TIP No. 7305B-24
 - Lucas-Hunt Road Bridge No. 157
 - St. Louis County Project No. AR-1856
 - Federal Project No. STBG-9901(697)
 - East-West Gateway TIP No. 7305C-24
 - Schuetz Road Gandy to Lindbergh
 - St. Louis County Project No. AR-1859
 - Federal Project No. STBG-9901(698)
 - East-West Gateway TIP No. 7305D-24
 - Vernon Avenue Midland to Westgate Avenue
 - St. Louis County Project No. AR-1737
 - Federal Project No. STBG-5527(603)
 - o East-West Gateway TIP No. 7305E-24

ADDENDUM NO. 1 – REVISIONS TO SCHEDULE

Deadline for questions regarding this solicitation – 9:00 a.m. local time on **September 8, 2023** Qualifications Statements submittal deadline – 2:00 p.m. local time on **September 15, 2023**

ADDENDUM NO. 1 – QUESTIONS AND ANSWERS

- Question No. 1: Can the County provide the SI&A report for Lucas and Hunt Road Bridge No. 157 to provide the existing clearance between the top of rail and the bottom of beam?
- Answer No. 1: The Construction Plans indicating the minimum clearance and the SI&A report are attached.

ADDENDUM NO. 1 – REVISED DESCRIPTION OF SERVICES REQUIRED

The following revisions have been made to the list of specific consultant scope items:

- **REPLACE** "Topographic Surveying" with "Pickup Surveying (as necessary)"
- **REPLACE** "Property Surveys" with "Pickup Property Surveys (as necessary)"

ADDENDUM NO. 1 – REVISED SERVICES TO BE PROVIDED BY ST. LOUIS COUNTY

The following services are **ADDED** to the list of services provided by St. Louis County:

- Topographic Surveying
- Property Surveys

PLATE 14 (REV: 11-79)

STRUCTUR INVENTORY & APPR ISAL SHEET

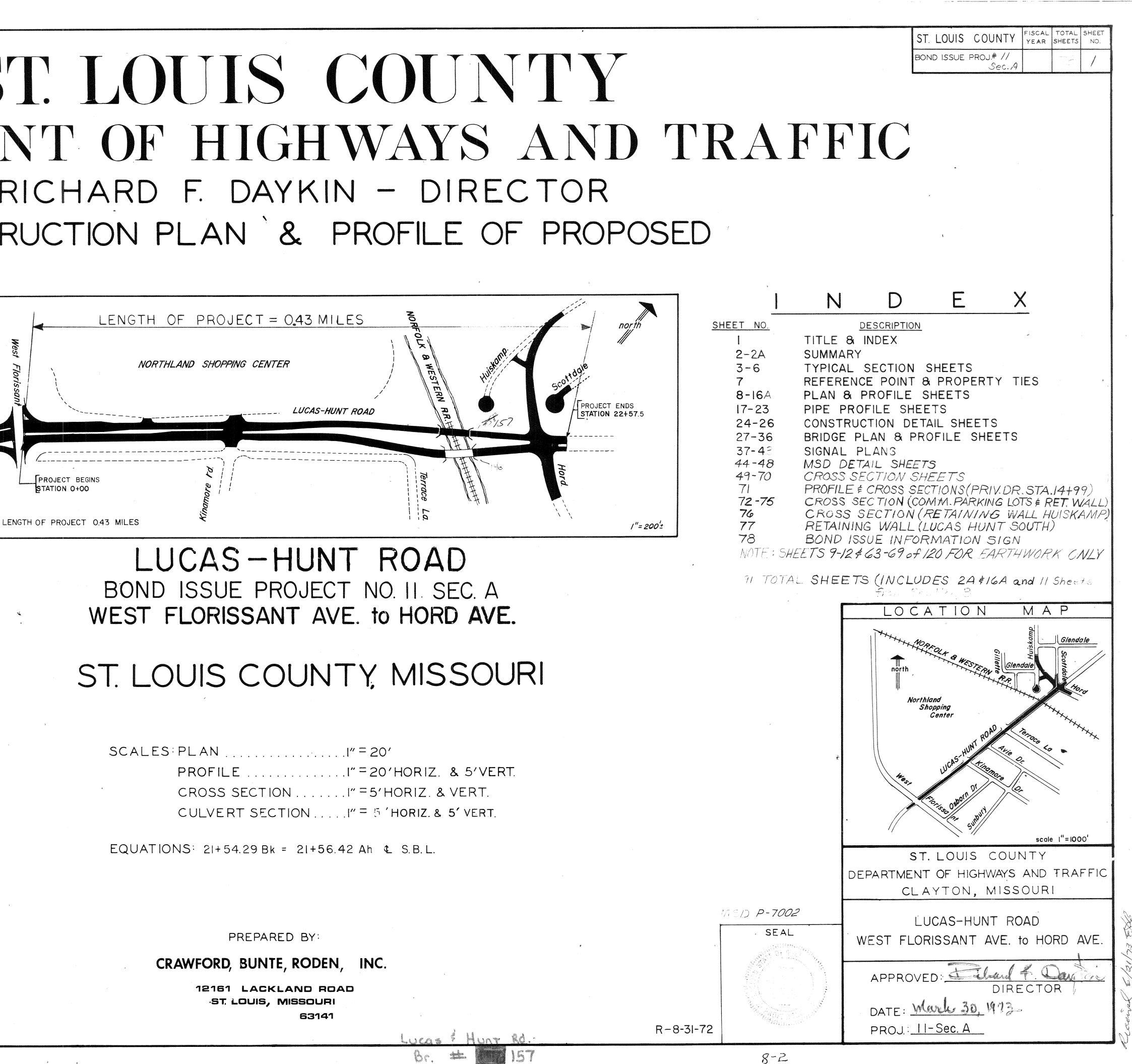
COUNTY_St. Louis BRIDGE NO. 157 ROUTE Lucas Hunt Road

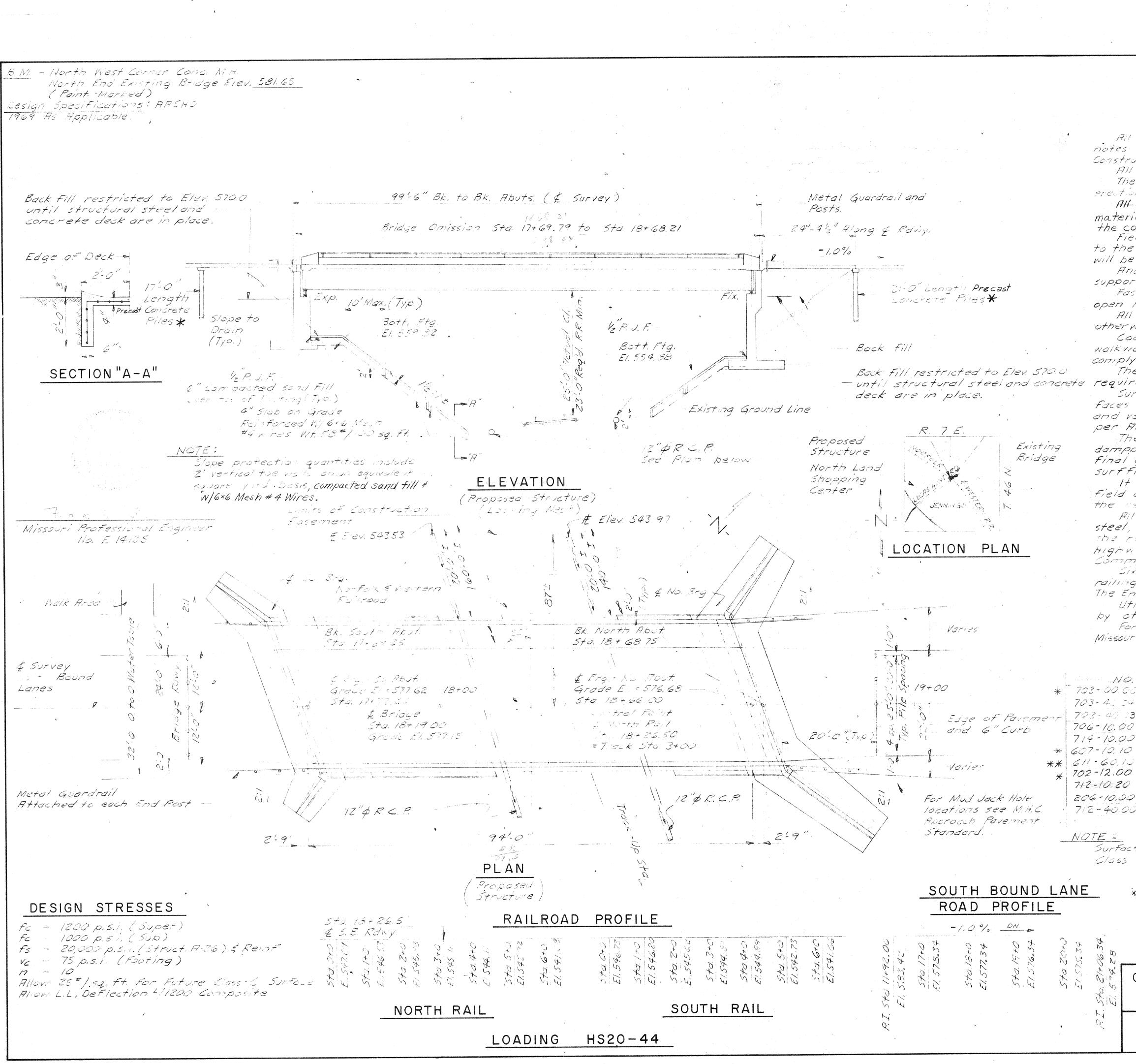
_	IDENTIFICATION		CLASSIFICATION		By Date
1			Fed. Aid System FAU	Transfer of Data	
	State MISSOURI	24	Fed. Aid System	Condition Analysis	MTM 12/82
[2]	Hay District 6 Gounty St. Louis	1251	Administrative County	Appraisal	11 11
4	C: 1 y Town			Cost	
5	Inventory Rte. route On X Under	26	Functional Arterial	General Review	
6	Features Intersected Over Norfolk			Maintenance Inspection	RES 9/10/82
ت	& Western Railroad				
	Facility Carried route /A BSI		STRUCTURE DATA	_	C001
	Structure No. 157 1 of			42 Type Service	
	Location SEE REMARKS *R	27	Year Built <u>1973</u> Lanes on Str. <u>2</u> "Inder	43 Structure Type- 44 -Appro	Vain 1 0 3
	w.n. Vert. Clear., Inv. Rte	25	ADI on Str. 16,926 30 Year 11/7		in 1
	W. lepsint Poar Section No0000		Design Load HS20-44	46 - Appro	
	Defense Bridge Description	32	Appr. Rdwy Width W Sh'ld. 23.4'		ar. 30.0. Ft
	Defense Milepoint	33	Br.Median X None Open Closed	[48] Max. Span Lengt	h 94.0 Ft
		34			99.5 Ft
1	Latitude 38° 43' 45"	35	SkewYes X No.	50 Sidewalk or Curb	Lt 5:0Ft. Rt Ft
	Longitude 90° 16' 15"	36	Traffic Safety Features 🔘 🗋 🗍	51 Br. Width (Cu	rb-Curb) 24 0 Ft
	Prysical Vulnerability conc. & steel	T	Traffic Safety Features 0 1 1 1 Drainage Area Sq. Mi. Navigation Control Yes X No	52 Deck Width (Out	-Out) 32 0 Ft
	By pass Detour Length	23	Navigation Control Yes X No	53 Vert. Clearance	Over Deck
	Tout Bridge On Toll Rd. On Free Rd	39	-Vertical Ft		ral-Right 11 7 Ft
	Custodian XXXXXXXXXXX St. Louis Owner XXXXXXXXXXXX County	146	-HorizontalFt Open to Traffic 🏌 Load Posted 🕅 Closed 🗍	56	-Left Ft
	F.A.P. No		Br. Sur. Report Available Yes No	57 Wearing Surface	Type 1
	F.A.P. NO.	В	Utility Attachments Yes X No		
	CONDITION	Net	Condi	tion Analysis	Rating (9-0)
	Deck concrete	Mat	erial Condi		7
	Superstructure_steel girders			1	7
	Substructure <u>concrete</u>				8
[3][3][Channel & Channel Protection				<u> </u>
1	Culvert & Retaining Mails				N
	Estimated Remaining Life		55 Approach Roadway Ali 60 Inventory Rating H	gnment	8
	Operating Rating H-33.6		bej inventory kating <u>H</u>	-20	
	APPRAISAL		Deficiencies		Rating (9-0)
(i T)	Structural Condition				8
	Structural Condition Deck Geometry				8
[8 A]					8 2 9
[8 A]	Deck Geometry Under Clearances-Vert. & Lateral Safe Load Capacity				<u>2</u> 9 6
[8 A]	Deck Geometry Under Clearances-Vert. & Lateral Safe Load Capacity Waterway Adequacy				<u>2</u> 9
	Deck Geometry Under Clearances-Vert. & Lateral Safe Load Capacity Waterway Adequacy				<u>2</u> 9 6
8.9	Deck Geometry Under Clearances-Vert. & Lateral Safe Load Capacity Waterway Adequacy				<u>2</u> 9 6
	Deck Geometry Under Clearances-Vert. & Lateral Safe Load Capacity Raterway Adequacy Aconcash Roadway Alignment				<u>2</u> 9 6
	Deck Geometry Under Clearances-Vert. & Lateral Safe Load Capacity Waterway Adequacy Acchease Roadway Alignment				<u>2</u> 9 6
	Deck Geometry Under Clearances-Vert. & Lateral Safe Load Capacity Raterway Adequacy Acondate Roadway Alignment				<u>2</u> 9 6
	Deck Geometry Under Clearances-Vert. & Lateral Safe Load Capacity Raterway Adequacy Acondate Roadway Alignment				<u>2</u> 9 6
	Deck Geometry Under Clearances-Vert. & Lateral Safe Load Capacity Raterway Adequacy Acondate Roadway Alignment				<u>9</u> 6
	Deck Geometry Under Clearances-Vert. & Lateral Safe Load Capacity Raterway Adequacy Acondate Roadway Alignment				<u>9</u> 6
	Deck Geometry Under Clearances-Vert. & Lateral Safe Load Capacity Raterway Adequacy Acondate Roadway Alignment				<u>2</u> 9 6
	Deck Geometry Under Clearances-Vert. & Lateral Safe Load Capacity Raterway Adequacy Acondate Roadway Alignment				<u>2</u> 9 6

.

		·	DE	PA		CONS	
	F	G	F	N	, D		
	DESCRI	PTION	L	STING	NEW		
					New R/W	-	
RIGHT-OF PROPERT			<u></u>	2	FINCW NJ IV		
CITY LIM	ITS				P.D.E.		
	NT DRAINAGE			- 4155	T.S.C.L.		
		ISTRUCTION LIC N BACKFILL LK			<u>T.D.B.L</u>		
PERMANE	NT FOOTING	EASEMENT		T.P.	<u>P.F.E.</u>	,	
	POLE (TYPE	SPECIFIED) F OR CABLE (T	VPF				
SPECIFI	ED)T-TELEPHO	DNE P-POWER		,			
		PE SPECIFIED) WER W-WATE		-{T}			
LIGHT ST				X			
TRAFFIC)		Å →			
	CONTROLLEF PULL BOX	7					
	COWNER SP	ECIFIED)		- SHELL			
		TYPE SPECIFIEI	D)	-4"G			
	TER VALVE	VALVE		G.S.V. W.S.V.			
WATER M	ETER		w ²	• W.M.			
SEWER V				OS.V. Ot			
SANITARY			·	* V.C.P.	8" V.C.P		
STORM S					IZ"R.C.P.	1	
SEWER M GRATED II	-			C) Decement			
	ET (SINGLE)						
	ET (MULTIPL						
	NEW OR MOD. H HEADWALL:	DRAINAGE STE S	≺∪C Γ. ‴ີ⊨==	(<u>()</u>)	<u>, (/2)</u>		ł
DRAINAGE	V-DITCH (SO	DDED)				\$	
		M DITCH (SODD	ED)			•	
	V-DITCH (PA FLAT BOTTO	M DITCH (PAVE	D) ===				
CONSTRU	CTION LIMITS				<u> </u>		
	E PAVEMENT]	
	C CONCRETE T REMOVAL	FAVENENI				l	
	SHRUB (DESIC	SNATE DIA .)		@/4"			
HEDGE FENCE			X	X	gana manganangan kana kana kana kana kana kana		
GUARDRA	.1L		7		<u> </u>		
RAILROA	D						
SIGN BUILDING	, - , -		F -	·			
BUILDING	REMOVAL	,	52	875755			
MAILBOX			ſ	Пм.в. Т.B.R.)			
	BAND ONED			T.B.A.)			
USE IN P	LACE		(U.I.P.)			
	EMOVED AND EMOVED BY O			B.R.& R.) B.R.B.O.)			
ւ տա≀համ ԲԴև			× 1,1				

35.0





	๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛	
· · ·	ST. LOUIS COUNTY	PROJ. SHEET TOTAL NO. NO. SHEETS
	1969 BOND ISSUE	11 27 78
	PROPOSITION NO. I	SEC.A
	LUCAS & HUNT ROAD	
GENERAL N	OTES	
All Section and Article numbers re	Ferred to in the follows	na general
notes are included in the 1968 Sta	ndard Specifications Fo.	- Highway
onstruction as adapted by the Mi	ssouri State Highway Co	omnission.
All structural steel shall be AST	M R-36	
The girders will not be shored	or supported during	
rection to facilitate rail road trat	EFIC.	
All structural steel shall be pair	ted the procedures and	paint
naterials will be as required and as sp the contract. (Shop o	ecities in the special prov	Franced D
Field welding of construction	accessories will not	be permitted
o the bottom Flange of the girde	rs. Field welding in at	her dreas
ill be permitted only when appro	oved by the Engineer.	
Anchor bolts shall be set befo	re bolting cross Fran	7es over
upports.		31th day
Fasteners shall be A325 high	strength bolts Bolts	are 14 \$ 3 and 1
pen holes l'é punless otherwise	noted. Use plain hardened w	asher/callbrated wren
All reinforcement bars shall b		13 0////#33
Coarse Aggregates for use in	the handrail parapets	corb, and
alkway areas above the manda	tory construction joins	ts shall
omply with Article 1005.17.		
The parapet mounted chain	link fence shall meet	the
equirements of Section 607, 5 a	is approved by the Engl	Maria Land
Surface sealing shall be used	' on the top and ver	TIEDI, TIDITTIC
Faces of the concrete handrail and vertical faces of curbs and	d wait wais and the el	stire roadway,
per Article 703.3.18.		
The backs of the abutments	s and wingwall's shall	be
lampproofed from the top of	Footing to within two	reet of
Final grades, per Section 708. (Or	-dimary damp proofin	g will
SURFFICE.)		unite in these
It shall be the responsibility o	+ the contractor to	sitionion
Field all dimensions and conditions and conditions of the period of the structure, perfore orderi		STITUTING
Ril materials and construction	- procedures for plac	ermen en or
teel, concrete, or other miscel	laneous materials sh	all meet
the requirements of the 1968	Standard Specificatic	ns tor
ighway construction as adopte	ed by the Missouri State	? Highway
Simmission and Special Provision Six copies of shop drawings a	S. Joshie to Ferrina	Auminum
ailing, and all structural steel	shall be furnished to	the Engineer.
the Engineer's approval is required	1 before Fabricition may	1 begin.
Utilities that interfere with con	nstruction are to be	relocated
by others.		
For Preformed Joint Sealer M.	aterial Specification, see	State of
Aissouri Standard Special Provision		
TOTAL BILL OF MATE	ERIAL (NEW & EXIS	TING)
NOTEM		Uninder T FOFAL
00,00 Renovation of Existing S:	A	umpSum 1
43 SH Class BI Concrete (Sup.	str on Steel) - S	U. Yd. 118.0
40.3 Class El concrete (Sub.	= +17)	. V. Y. J. 241.5
10,00 Reinforcing Steel	٨. [Burnd 56,865
TO,00 Bridge Rail (One Tube)		17. Ft. 90
10,10 Chain Link Ferree (60 Typ:		17. Ft 90
60,10 Concrete Stope Protection	2	5q. Yd. 1026.2

102-12.00 Precast Concrete Piles 142-10-20 Exclused Structural Carbon Steel (PLT GIR) (A-36) 206-10.00 Class I Excavation 712-40.00 Founting

Surface Sealing and Preformed & Joint Sealer are incidental to Class B-1 Concrete 703-40,04,

Lin.Ft. 190

Pound 107,380

Cu. Yd. 455.0

Ton 53.7

* See Special Provisions ** Includes Slope Protection quantities For Existing Bridge Sht 35.

CRAWFORD, BUNTE, RODEN, INC. TRAFFIC ENGINEERS ST. LOUIS, MISSOURI RALPH HAHN'& ASSOCIATES CONSULTING AND DESIGN ENGINEERS ST. LOUIS, MISSOURI CRAWFORD, BUNTE, RODEN, INC. GENERAL PLAN & ELEVATION LUCAS HUNT ROAD OVER NORFOLK & WESTERN RAILROAD ST. LOUIS , MISSOURI ST. LOUIS , MISSOURI ST. LOUIS , MISSOURI

Surface Elev. 580.31 - South Abutment N Description & Classification Depth Brown moist silt w/ resk 580 ------17 Fragments and rests (Fill) Brown moist silt Eremen inclot silt 1º 1 C di 11. The clay 9 Brawn maist silt w/ marine while 510 0 5650 & Brown very Fine 152 sandstone 5600 555. O 200 30.0 5500 ---Note: We vater encountered

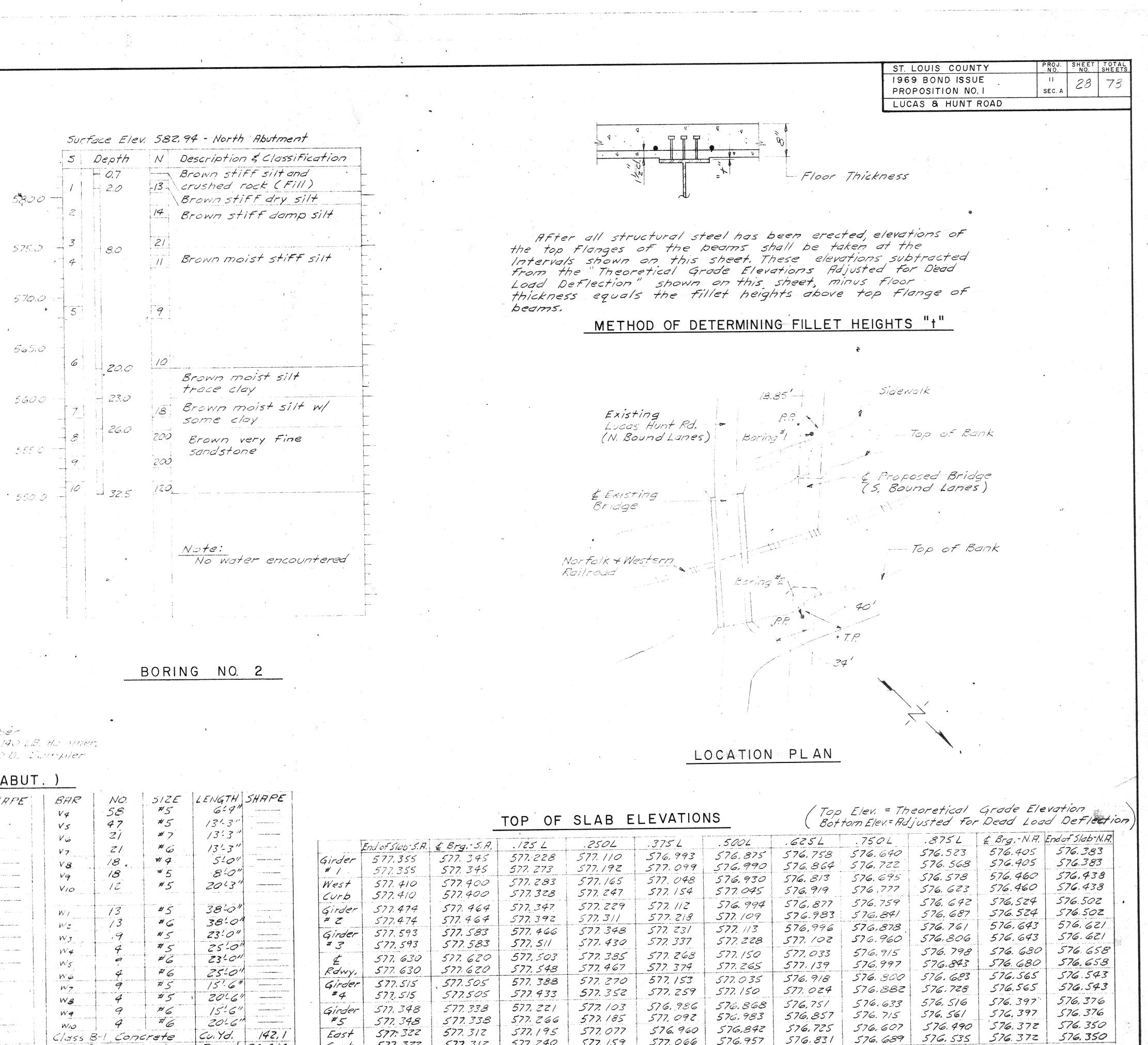
BORING NO. I

LEGEND

5 = Samole Number N & Blans / Fost, 140 LB. Hammer, 30" Drop, 2" O.D. Sumpler

BILL OF MATERIAL (NORTH ABUT.)

				Resource Resources	Contract Contract Contraction Contraction Contraction		enter a second target a second target and the second and the second second second second second second second s		nagy yes maar mattaalar na sagar digina digina mata	N			a a construction come
541 C*	NO	-12E	LENGTH 3	An For For have	SHR	NO.	512E	LENGTH SHAPE	BAR	NO.	SIZE	LENGTH	SHAPE
A	1								V4	-58	#5	6-9"	e caso encar der actual 2 2 - 2 - 2 - 2 - 2 - 2
h,	1.3	for some			*,	61	#7	11:9"	V5	47	*5	131.3"	unite (dentito especializate a ser o se o se o
	10	str i	3464		t.	51	#3	11-411	VG	21	# 7	13:3"	. The Court of the
Mar 1		al an	15-3"		the second	2	#5.	. 313"	V7 -	21	*6	13'-3"	grand i generali in
115	14	W ST	15-31		t.	eq.	*6	4/34	VS	18.	# 9.	5-0"	statemaster with the other
174	/4	41.1	1440	and spinore-			# 7	10:0"	Vg	18	* 5	8'0"	 A second sec second second sec
125	14	1 C			The second se	19	*3	10: 9"	VIO	12	#5	2013"	1
116	14	he was	1 1			ing	at was	8:3"		n an		ng nganggan an an tanan naga tangan kanan kali ki tan	
	14	er si		•	+ 7 2		M G	91311	W/	13	#5	38-0"	
120	1.4	1			13	11	st G	91 911	W.	13	#6	38:04	1
1.1	al de la companya de La companya de la comp	Gerit.			they and	1	*6	101.911		.9	#5	23:0"	and the second sec
Clar	, Ast	*		· <u>1</u>	The start		#7	11:00	W3 W4	4	*5	25'-0"	-
1. al	23	* G	507		1.1	11	M	II - AM and and a second	W5		64	23'-0"	â
1110	14	* 6		·)	t is	face of		11- The second		4	#6	25:0"	
1718	14	* 6		· ·	a da managemente de la constante de la constant	n anna an		i i i i i va para da sere de		- passa and a more that	#5	151.6"	1
114	13	* 4	56 60 4	1	ing and a region of the second s	· · · · · · · · · · · · · · · · · · ·			W7	4	#5	1 20-61	/
m	36	29	2.24	a sure and a					WS	9	#6	15-6"	And the second of the
175	1 in L'au	# 5	3100	$(x_{ij}) \in [x_{ij}] dt \in \mathbb{R}$					W'9	and the second	#6	20'-6"	医喉炎 医乙基酸乙烯酸乙烯酸乙烯
173	i i i i i i i i i i i i i i i i i i i	#3	6:3"			b a statement of the st		ayar yaqaya Talanka ata ata ata ata ata ata ata ata ata a	WIO	4	n 🧜 a systematic press and a start of the	an enter and a product of the second of	142
174	21	*7	6-22		¥1	65	*7	11-21	Class	and a construction of the second s	crete	CuiYd.	مانا معيصيريد الأبيير سيديد بالاصل ا
. And a second sec	n Maria and Anna and A				V.z	27	#5	13:0*	Reint	orcing 5	teel	Pound	120,0
PI	4	* >	.34:01	n an	V3	31	*5	10:6" D	a succession of the second	analis serie instrument i sum anders anders i sum sum sum sum sum sum	eric anna i an an an an ann an an an ailtean an an an Airtean agu		



·····	End of Slab-S.A.	& Brg S. A.	.125 L	.250L	-
der	577.355	577. 345	577.228	577.110	
1 .	577.355	577.345	577, 273 577, 283	577,192 577,165	
st rb	577.410 577.410	577.400 577.400	577.328	577, 247	the second s
der	577.474 577.474	577.464 577.464	577, 347 577, 392	577, 229 577, 311	nature screet to feel states
der 3	577.593 577.593	577,583 577,583	577.466 577.511	577.348 577.430	n Service and the second s
twy.	577, 630 577, 630	577.620 577.620	577,503 577,548	577.385 577.467	a management to a second and a second second
rder 4	577.515 577.515	, 577,505 577,505	577, 388 577, 433	577, 270 577, 352	Same and the support of the second second
rder 5	577, 348 577, 348	577.338 577.338	577. 221 577. 266	577, 103 577, 185	a second a second of the second second second
ist irb	577: 322 577: 322	577.312 577.312	577,195 577,240	577.077 577.159	Aurilian Samanganan (S. S. Saman Sa

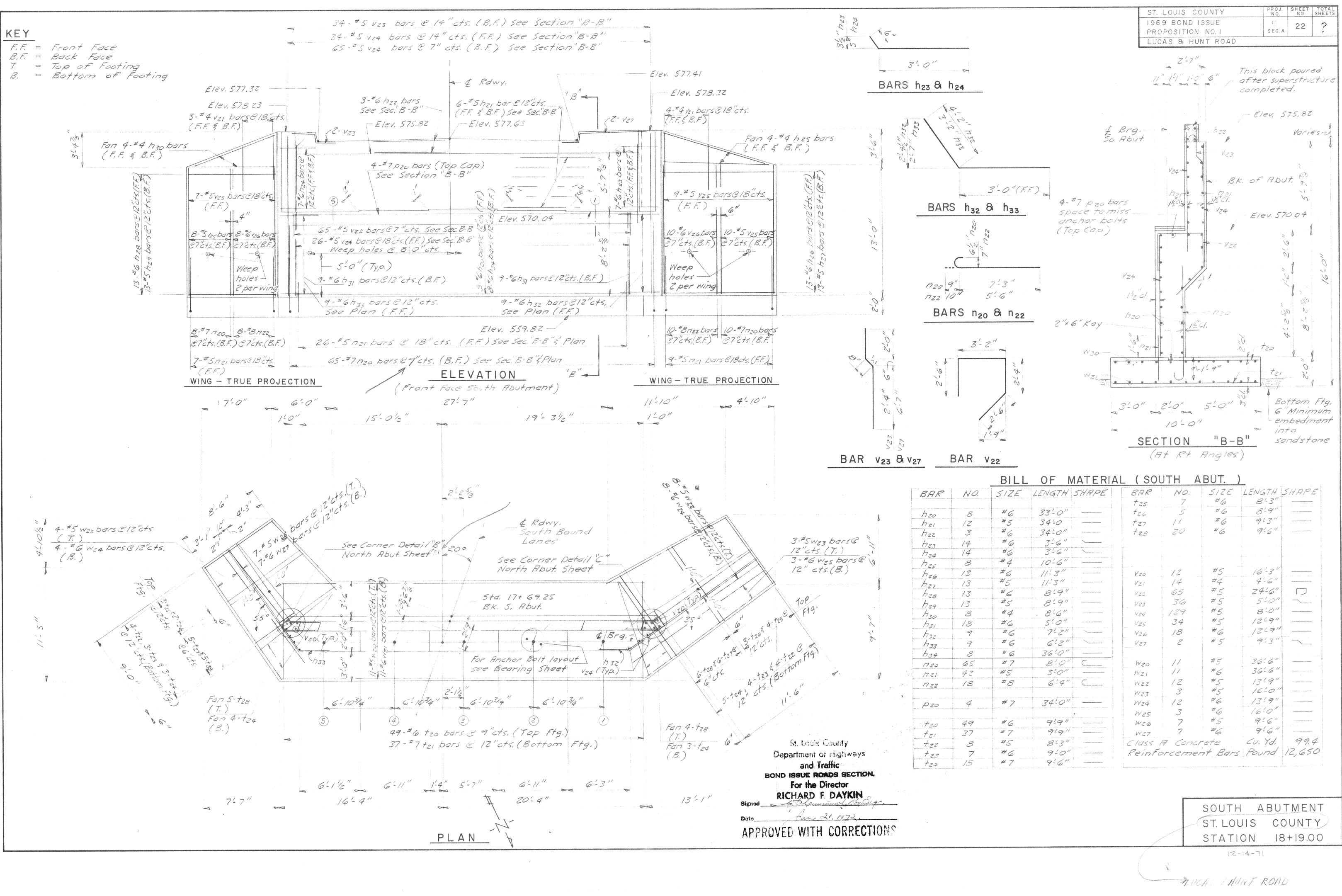
Curb

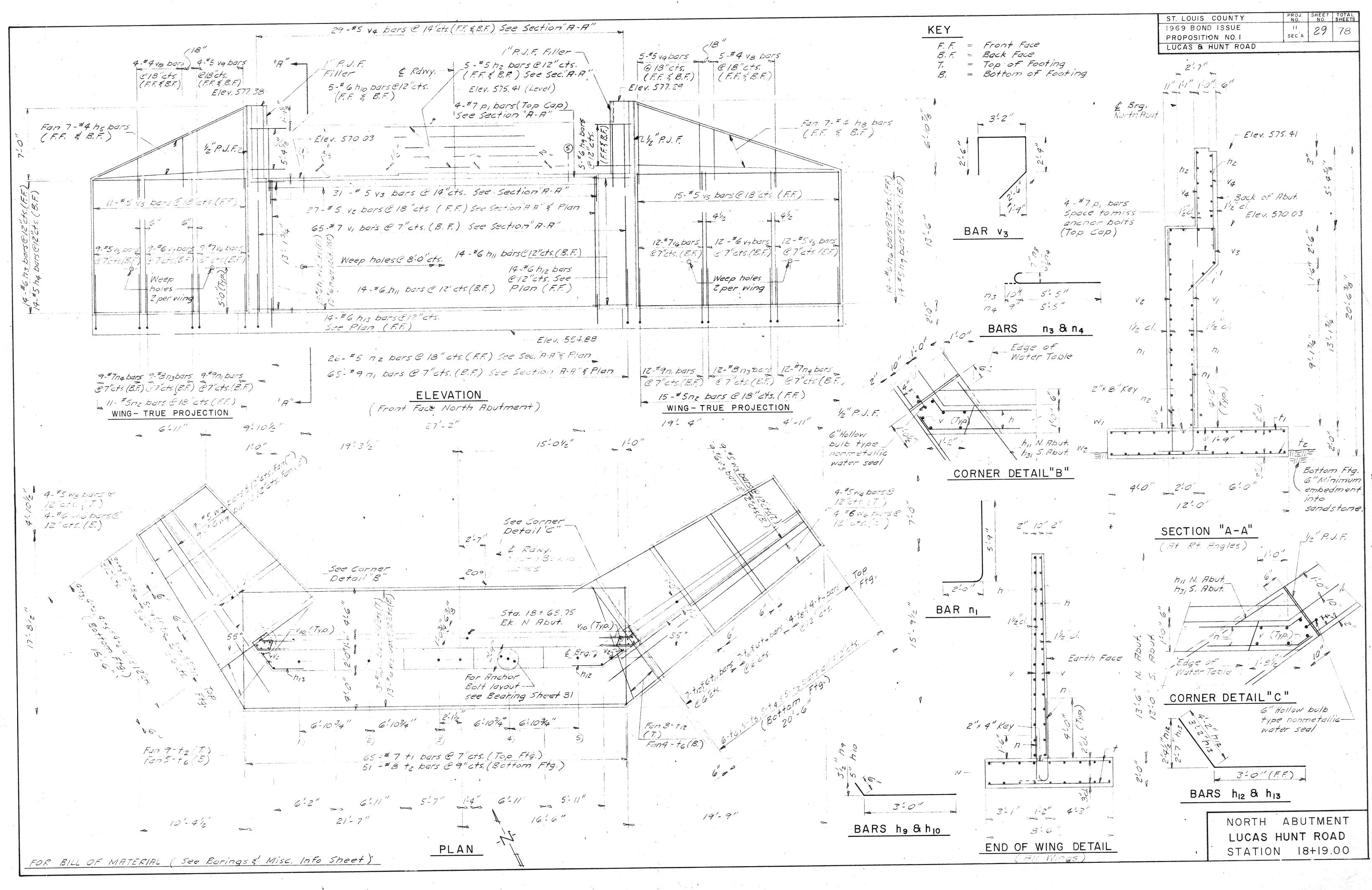
NOTE: .125 L = 11-9" Consistent Increment (Where L= 94-0" Design Span)

577.066

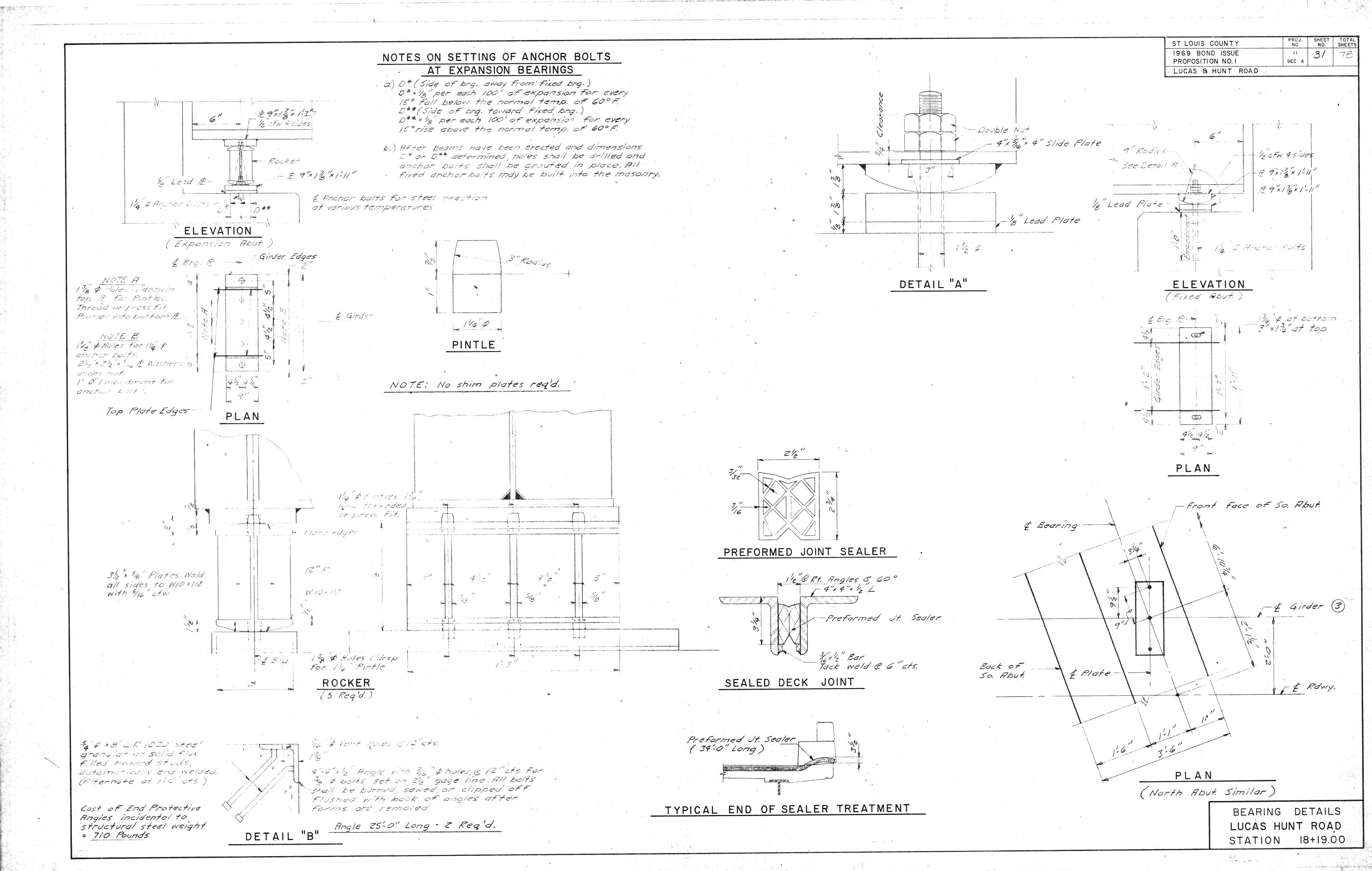
576.957

BORINGS & MISC. INFO LUCAS HUNT ROAD STATION 18+19.00

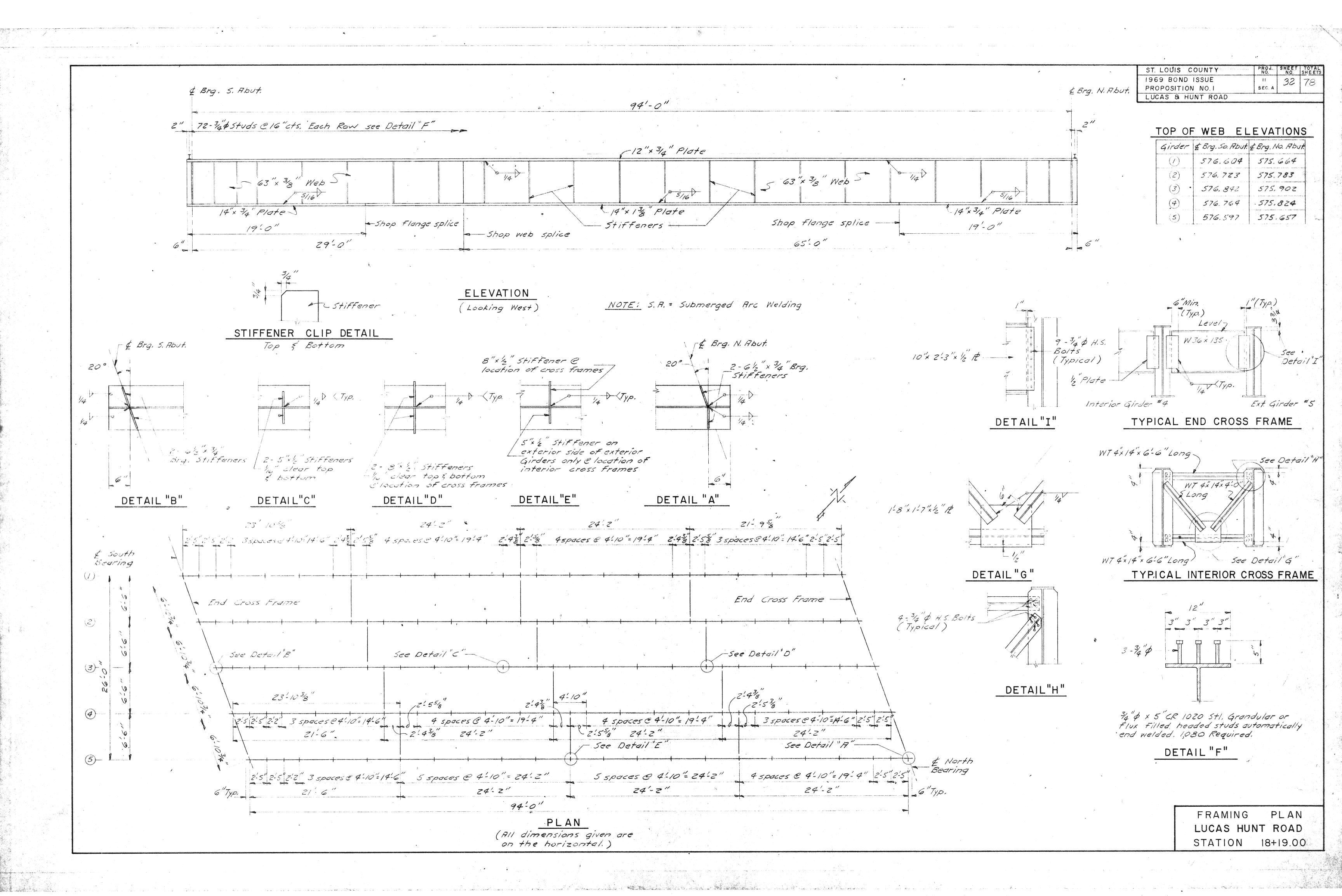




The state of the s

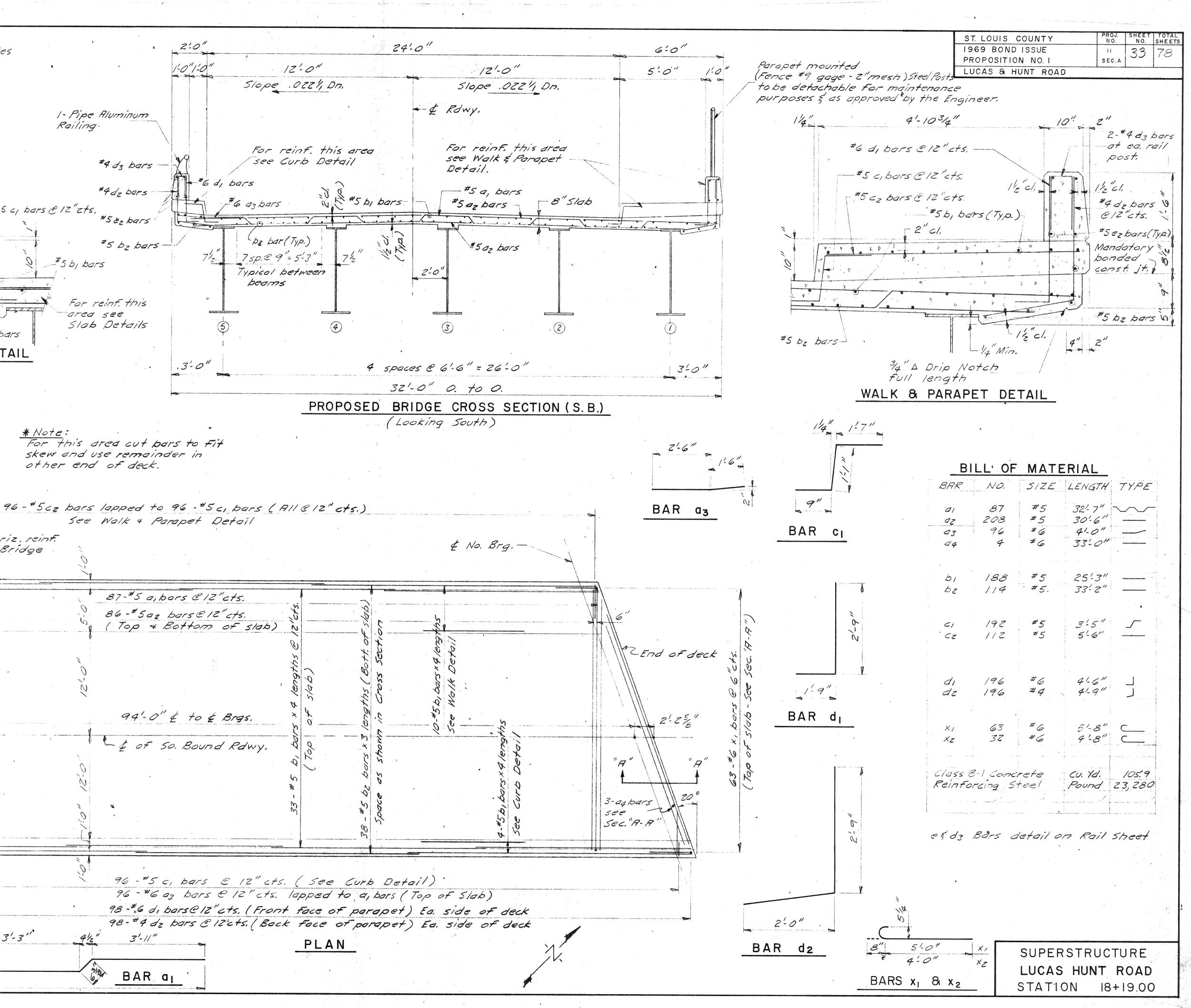


naar aasaraan asaa taala dhaxaan ahaan karaan ahaan ahar inaar inaar inaariin taabaa ahaa ahaa ahaan ahaan aha A

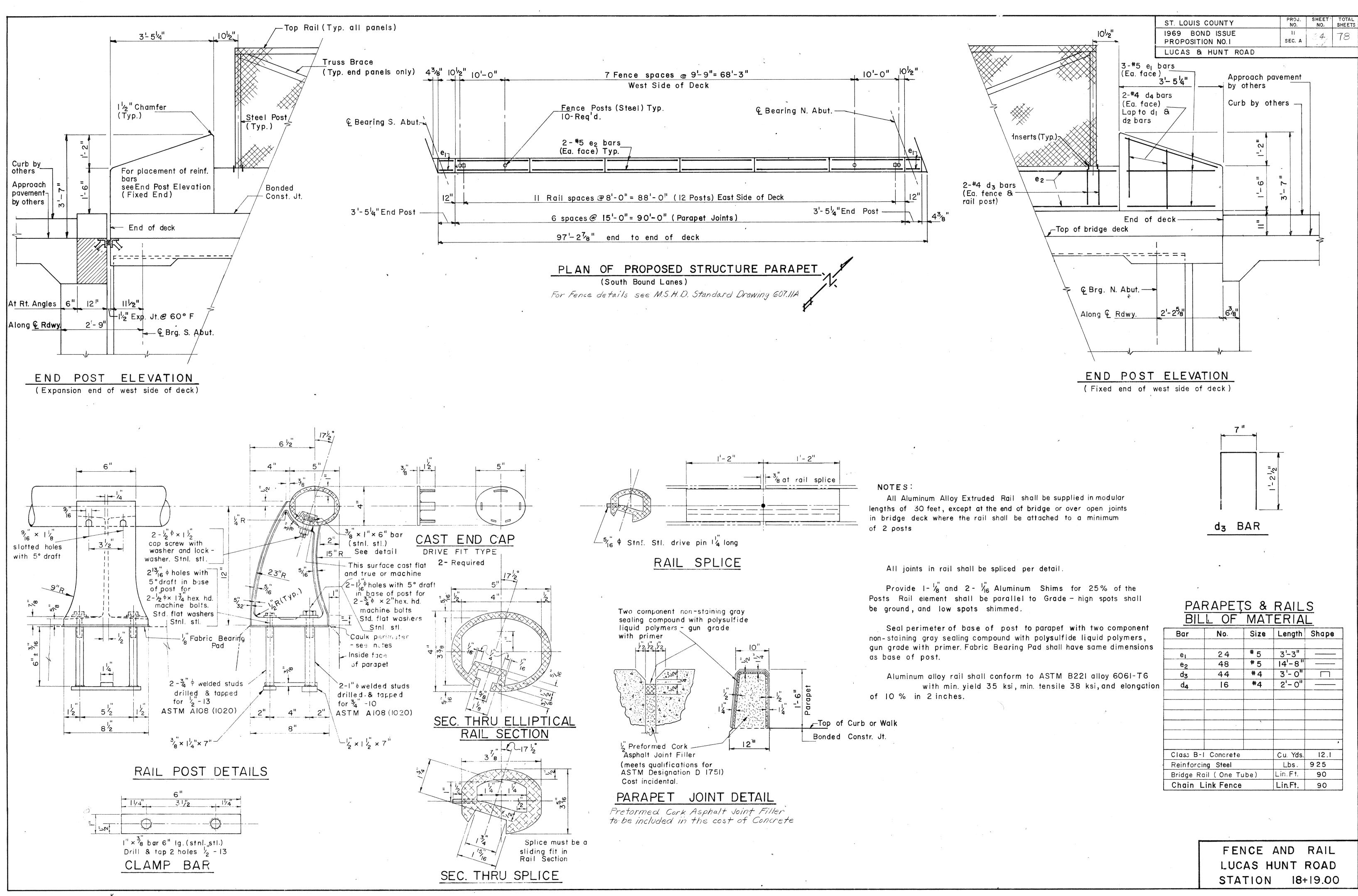


5. B. = South Bound Lanes 1/2" Expansion Joint 260° F C Rt. Angles Cross hatched - End of deck portion to be See Detail B" on poured after Bearing Sheet 31 slab is completed FE Brg. South Abut. 1- Pipe Aluminum Approach slab Railing. #4 d3 bars aq bar see Plan For reinf this area #4 dz bars see Parapet Detail #5 c1 bars @ 12"zts. #5 ez bars SECTION "B-B" #5 b, bars -(Expansion) : T -N See Preformed Jt. Sealer Detail on Bearing Sheet 31 #5 b, bars For reinf. this TO REALIZAN area see Slab Details 3/2 & Drip Notch Full length #5 be bars CURB DETAIL & Brg. North Abut. - End of deck Approach slab ----3% @ Girder #5 * Note: For this area cut pars to fit #6 x, bars @ 6"cts. ag pars see Plan skew and use remainder in other end of deck. SECTION "A-A" (Fixed) For Parapet horiz. reint. & So, Brg, -- see Proposed Bridge Rail Sheet, 34 Fan 4- Cz bars (Top & Bottom) (2-Places) 2'6" #18-592bors 6". (Top & Bott. 6" of slab) aq bar 20° see Sec."B-B' End of deck -1-0/4 à ú NIC + 20/ aring Log 200 Cto - Symm. about & 4/2 1-3" 412" 3-3" 41/2" R. 3'-3'" 2'-6" 318 31'-4" O. to O.

			•	
and a second s	, 9 National Contractor (Contractor)	and the second	 er dana a standard an an an	
		1.20		
			1. J	 I = 1 = 1 = 1 = 1 = 1 I = 1 = 1 = 1
•	5	N		N



and the second second



	LNIA			
No.	Size	Length	Shape	
24	# 5	3'-3"		
48	*5	14'-8"		
44	#4	3'- 0"		
16	#4	2'-0"		
, ,				
			لا	
Concrete		Cu. Yds.	12.1	
ng Steel		Lbs.	925	
il (One Tu	be)	Lin.Ft.	90	
ink Fence	Lin.Ft.	90		
	No. 24 48 44 16 Concrete ng Steel iil (One Tu	No. Size 24 # 5 48 # 5 44 # 4 16 # 4 6 # 4 16 # 4 16 # 4 16 # 4 16 # 4 16 # 4 16 # 4 16 # 4 16 # 4 16 # 4 16 # 4 16 # 4 16 # 4 16 # 4 16 # 4 16 # 4 17 10 18 10 19 10	No. Size Length 24 # 5 3'-3" 48 # 5 14'-8" 44 # 4 3'-0" 16 # 4 2'-0"	