INDEX OF SHEETS

SHEET NO. I TITLE

SHEET NO.20-22 TYPICAL CROSS SECTIONS, MISCELLANEOUS DETAILS & ALIGNMENT PLAN

SHEET NO. 3 ESTIMATE OF QUANTITIES

SHEET NO. 3A MISCELLANEOUS QUANTITIES

SHEET NO. 40-43 RIGHT OF WAY PLAT

SHEET NO. 5-7 PLAN AND PROFILE STA.342+7263TO STA. 354+00

SHEET NO. 8-84 STANDARD DETAILS

SHEET NO.9 -35 DRAINAGE STRUCTURES

SHEET NO. 36-40 CROSS SECTIONS



A DT 1962 A D T 1986

D H V 1986

STATE OF WISCONSIN

STATE HIGHWAY COMMISSION OF WISCONSIN

PLAN AND PROFILE OF PROPOSED LA CROSSE - TOMAH ROAD (FAUVER HILL SEPARATION & APPROACHES)

I. H. 90 LA CROSSE COUNTY PROJ. EACI-90-1(45)5 32.3 90.1 11.45 40

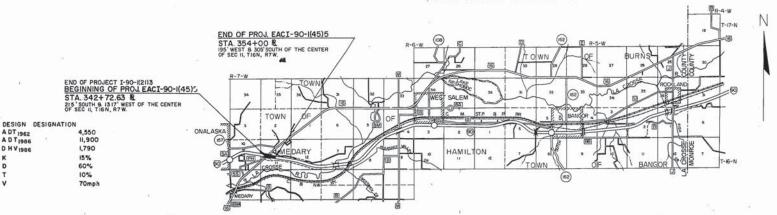
AS BUILT PLAN

CONTRACTOR - NELSON CONST. CO. RESIDENT - A. LORENZ DATE COMPLETED - 8-2-67

PLAN I IN. 100 FT.

PROFILE HOR. 1 IN. - 100 FT. VERT. 1 IN. - 10 FT.

CROSS SECTIONS HOR. 1 IN. - 10 FT. VERT. 1 IN. - 0 FT.



CONVENTIONAL SIGNS

STATE LINE	CUL
COUNTY LINE	CUL
TOWNSHIP OR RANGE LINE	DRO
SECTION LINE	POW
NEW RIGHT OF WAY LINE	TEL
PRESENT RIGHT OF WAY LINE	RIGH
WIRE FENCE WOVEN	REF
- \BARBED	MAR
LOT LINE	HEO
CORPORATE OR CITY LIMITS 200000000000000000000000000000000	TRE
PROPERTY LINE PL + 326	
TRAVELED WAY OR RE	GRO
RAILROADS	
BASE OR SURVEY LINE 30	GRA

AL	SIGNS
	LVERTS IN PLACE
DR	OP INLET
TE	HEPHONE OR TELEGRAPH POLE
RE	FERENCE STAKE FOR HUBS ONLY
HE	0GE
TR	EES @ @ @ @
GR	OUND ELEVATION
GR	ADE ELEVATION DATUM LINE

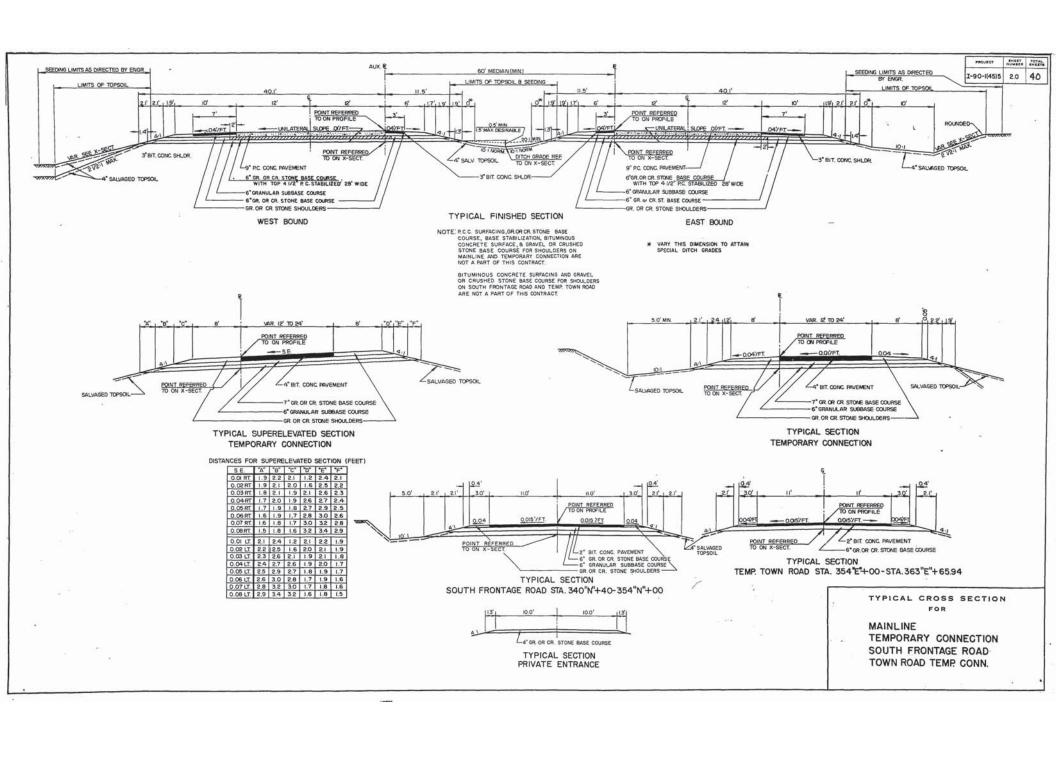
APPROVED INTERSTATE LOCATION. INTERCHANGE (MAIN LINE UNDER) ... HWY, GRADE SEPARATION(MAIN LINE UNDER)... RAILROAD GRADE SEPARATION..... COMBINATION HWY-RAILROAD SEPARATION OTHER BRIDGES (MAIN LINE OVER) FRONTAGE ROAD (LOCAL OR STATE). TERMINATED CROSS ROAD ...

LAYOUT 1 MILE

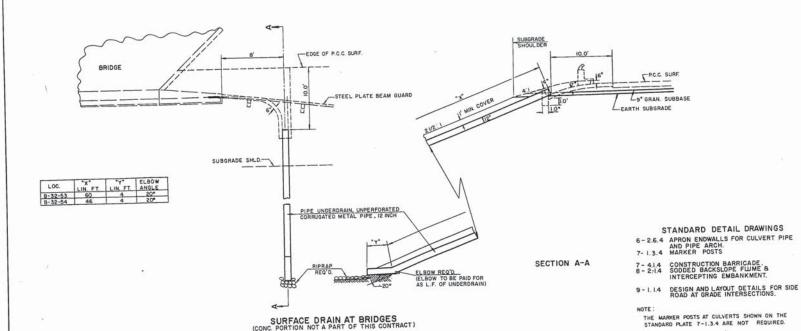
TOTAL NET LENGTH OF CENTERLINE . 0.214 MI.

CONTROL OF ACCESS

WITHIN THE LIMITS OF THE PROJECT WHERE CONTROL OF ACCESS LINE IS SHOWN THUS _______ NO ACCESS IS PERMITTED TO THE INTERSTATE TRAFFIC LANES.



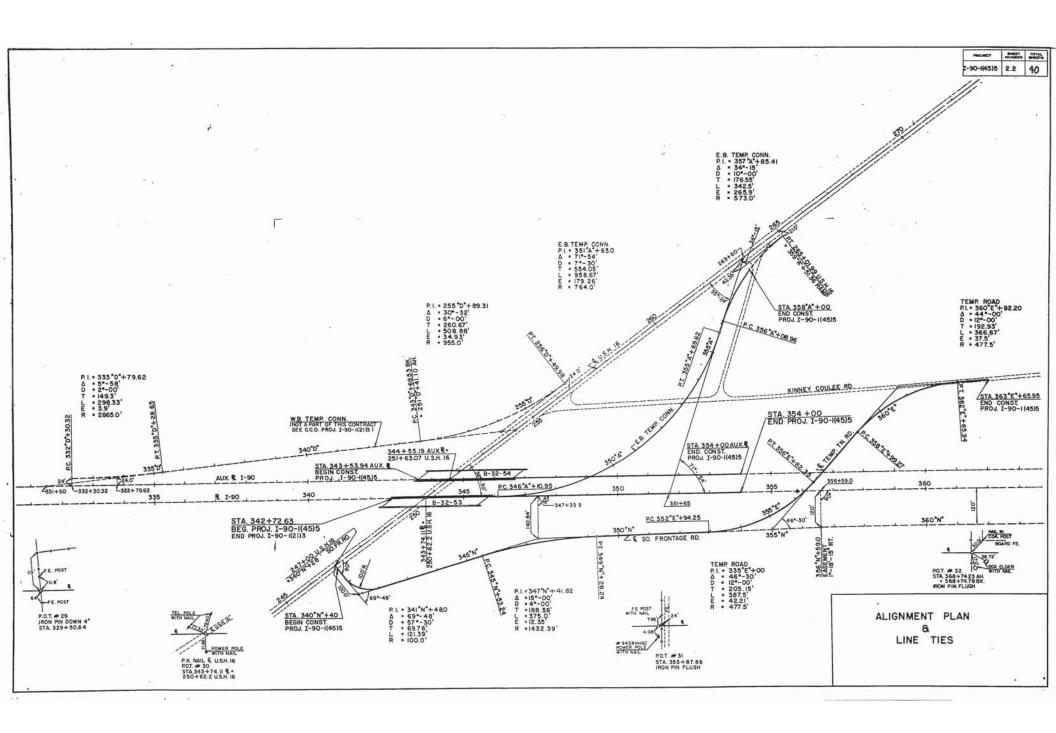
PROJECT SHEET TOTAL NUMBER SHEETS 1-90-1(45)5 2.1 40



GENERAL NOTES

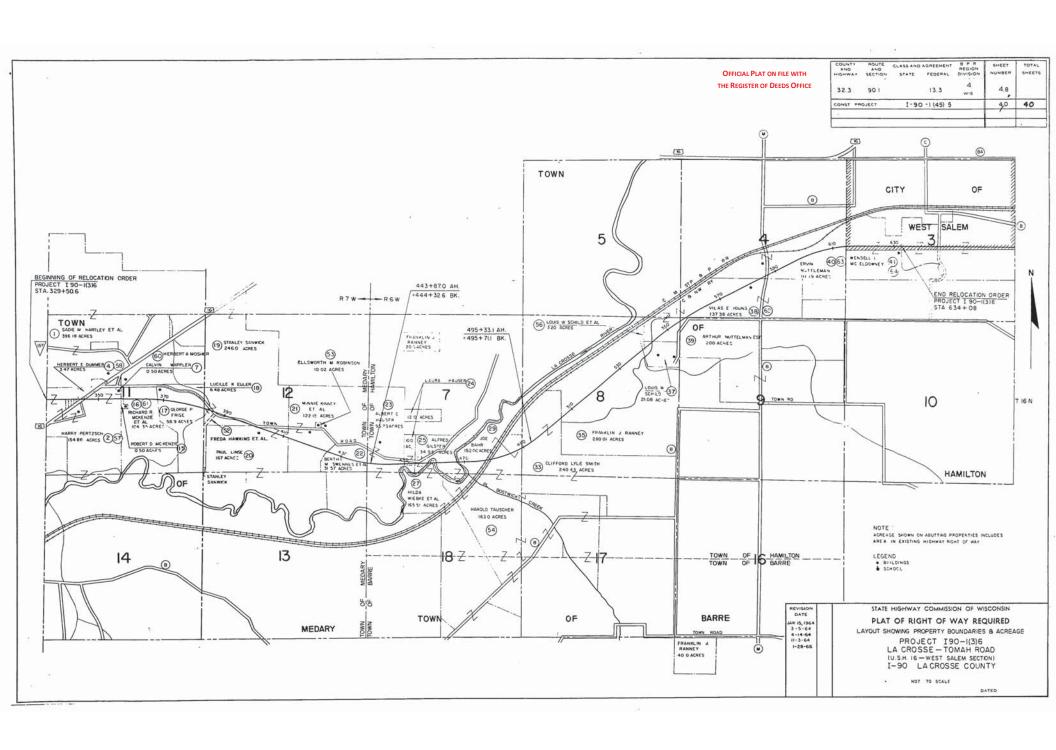
- I. THE REFERENCE LINE (R) IS THE MEDIAN EDGE OF THE EASTBOUND PAYEMENT. THE AUXILIARY REFERENCE LINE (AUX. R) IS THE MEDIAN EDGE OF THE WESTBOUND PAYEMENT.
- SALVAGED TOPSOIL TO BE PLACED ON ALL CUT SLOPES AND ALL FILL SLOPES TO AN APPROXIMATE DEPTH OF 4" AT TIME OF PLACING.
- ALL RIGHT OF WAY EXCLUSIVE OF THE ROADBED AND AREAS ALREADY COVERED WITH SUITABLE GRASSES SHALL BE SEEDED.
- NO TREES OR SHRUBS SHALL BE REMOVED UNLESS SUCH TREES OR SHRUBS HAVE BEEN DESIGNATED FOR REMOVAL BY THE ENGINEER.
- 5. SHRINKAGE IS VARIABLE AND ESTIMATED AT 25% FOR UNCLASSIFIED AND BORROW EMBANKMENTS AND 20% FOR GRANULAR SUBBASE COURSE.
- 6. CURVE DATA IS BASED ON ARC DEFINITION.
- 7. WHEN THE QUANTITY OF THE ITEMS OF SUBBASE, BASE, OR SUBFACE COURSE IS MEASURED FOR PAYMENT BY THE TON OR CUBIC YARD, THE DEPTH OR THICKNESS OF THE COURSE SHOWN ON THE PLANS IS APPROXIMATE AND THE ACTUAL THICKNESS WILL DEFEND ON THE DISTRIBUTION OF THE MATERIAL AS DIRECTED BY THE ENGINEER.
- 8. THE EXACT LOCATION OF PRIVATE ENTRANCES TO BE DETERMINED IN THE FIELD BY THE ENGINEER.
- 9. STRAW MULCH ALL SLOPES STEEPER THAN 4:1.

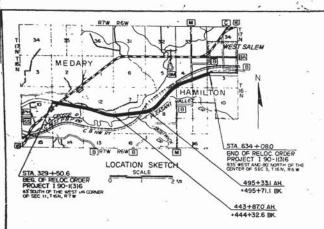
MISCELLANEOUS DETAILS



OF **ESTIMATE** QUANTITIES TOTAL CONTRACT NO. 1 PROJECT THIS PROJECT IS TO BE EXECUTED UNDER THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION OF THE STATE HIGHWAY COMMISSION OF WISCONSIN - EDITION OF 1963 APPROVED OCTOBER 16, 1963 40 I-90-1(45)5 3 FEDERAL AID REQUIRED CONTRACT PROVISIONS APPROVED OCTOBER 15, 1963 AND SPECIAL PROVISIONS AS ATTACHED TO PROPOSALS OLD CULVERT EXCAVATION PREP FOUN-DATION NET LENGTH OF CENTER GRANU-LAR SUBBASE COURSE STONE BASE COURSE CONCRETE BRIDGE CONCRETE NOTATE OF NOTATE PAVENER CON-TEST HAT FOR PRIME COAT BITUMINOUS CONCRETE BACK-ERATING CRETE DRIVE-CRETE HEAD-ER CLEARING ROLL-CONCRETE PAYEN DIT FOR ROAD-MOAD STA STA UNCL ROCK ITEM NO 20101 20102 20104 20105 20301 20503 20502 20505 20601 20901 21001 211 21201 21301 21401 30401 30 30 30 4020 40704 4070 409 40931 40933 40934 40950 UNIT STA INDIA STA INDIA LS LS. STA 72 72 TON SY SY CY CX 1 342+72.63 -354+00 1127.37 6 1552 109,273 3,600 | 1 2040 BRIDGES (STRUCTURES OVER 20FT SPAN) CULVERTS (STRUCTURES 20 FT SPAN & UNDER) TREATED TURAL TR'T'D UNTR'D UNTR'D EXCA-STRUCT-UMAL CARBON STEEL GRANU LAR CON-TIMBER TIMBER CONCRETE VATION FOR STRUC-TURES TR'T'D d'strau TIMBER BEAR-N PLACE LIMBER TIMBER PILI
AND TEST DELIVTIMBER PILING ERED CATED SHEET BACK-PILING FOR STRUC-TURES STEEL ALLOY STEEL PADS STEEL BACK-DELIV- DRIV-ERED EN DELIV- DRIV-20801 20901 S0201 503 503 50501 50601 50605 50614 50616 50621 50702 50801 50802 50810 50813 50816 50820 51001 51010 51015 51332 5140 5140 51426 60404 6060 90002 20301 20402 20901 50401 50502 50401 50702 50801 50816 50820 5140 5060 CX CX CX LF LF LB LB. LB LE L SF MAN LS LS LF LF LF LF LF EACH EACH LE SF CY C.Y LE MEM LS 340 622.3 116,780 109,300 119,800 238 8,985 8,985 26 605 570 1 88864 540 630.5 118,920 109,300 119,800 238 26 8.985 8.985 580 609 I TOTAL ARD 18528 237,700 218,600 239600 476 52 17,970 7,970 1214 1150 APPION APPION
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FOR
CULVERY CULVENT
PIPE
18" 24" CONCRETE STORM SEWER CATCH MANHOLES INLET TYPE UNDER DRAIN UNPERFECTION METAL PIPE SLOPE INLETS BASINS BASINS HOLES COVERS COVERS STEEL PLATE BEAM COVERS EA POSTS VAGED TOP-RAP CURR STRAW SIDE RIP-CURR AND DITCH MOR-TAR GUARO 5801 5800 52005 52 52003 52 52 86 52 52 52 52 52 LE LE LE LE LE LE LE LE LE BACH EACH EACH EACH EACH EACH LECH LE LE SE SE CY CY CY LE LE LE LE 10 6300 22,600 21 46,300 2700 208 2 6 66

O+ AE CHOPIC AS CHEET AC AC





STANDARD ABBREVIATIONS

ABANDON	APNO	TZATETROM	NE
ACRES	MC.	NORTHWEST	NW
AGRICULTURAL.	AGRI	HAMPER	NO
AHEAD	AH	OVIDAT	OL
AUXILIARY REFERENCE LINE	ARL	PRYEMENT	PAV'T
AVENUE	AVE.	POINT OF CURVATURE	PC
BACK	BK	POINT OF INTERSECTION	PI
BARN	8	POINT OF TANGENCY	PT
BOULEVARD	BLVD	POINT OF COMPOUND CURVE	PCC
BUILDINGS	BLDGS	POINT OF REVERSE CURVE	PRC
CEMETERY	CEM	POINT ON CURVE	POC
CENTERLINE		PRIVATE DRIVE	20
CHANNEL CHANCE	CHOH	PROJECT	PROJ
CONCRETE	CONC	PROPERTY LINE	PL
CONSTRUCTION	CONST	RADIUS	R
CORN CRB	CC	RAILROAD	RR
			BY
CORNER	COR	RALWAY	RL
COUNTY	.co.	REFERENCE LINE	
COUNTY TRUNK HIGHWAY	CTH	REQUIRED	REGID RESID
CREEK	CR.	RESIDENTIAL	
CULVERT	CULV	RESTAURANT	REST
DEGREE OF CURVE	0	RIGHT	
DISPOSAL	DKSP	RIGHT OF WAY	R/W
DISTRICT	DIST	ROAD	RD
ESTATE	EST	ROADWAY	RONY
EXTERNAL DISTANCE	ε	SMATLRY	SAN
FACTORY	FACT.	50+00.	SOH
FEDERAL, AID PROJECT	FAP	SECTION	SEC
FIRE HYDRANT	FM	SERVICE STATION	55
FOOT (FEET)	FT	9€0	5
FOUNDATION	FDN	SOUTHEAST	SE
GARAGE	6	SOUTHWEST	SW
COVERNMENT	GOV'T	SPECIAL CROSSING	sc
HIGHNIN	HINT	SPECIAL DRIVE	SD
HOTEL.	HQ	STANDARD	STD
HOUSE	н	STATE TRUNK HIGHHALT	STH
HOUSE TRALER	HT	STATION	STA
INCLUSIVE	INCL	STORE	ST
INTERSTATE HIGHWAY	IH.	TANGENT LENGTH OF CURVE	T
IRON PIN	1 P.	TAVERN	TAV
LEFT	LT	TRANSMISSION TOWER	TT
LENGTH OF CURVE	L	UNITED STATES COAST &	
LIMITED HIGHWAY EASEMENT	LHE	GEODETIC SURVEY	USCAGE
MACHINERY SHED	MS	UNITED STATES GEOLOGICAL	
MAXIMAN	MAX	SAMEY	USGS
MAE	MI	UNITED STATES HIGHWAY	USH
MILK HOUSE	MH	WANTHOUSE	WH
MINIMUM	MIN	WATER TOWER	WT
MONUMENT	MON	WELL	w
MARCIPAL.	MCPL	WINCHES I	WM

PARCEL NUMBER	SHEET	OWNER		TERES'		ACRES
1	4	SADIE M. HARTLEY ET. AL.	FEE &	ACCESS	RIGHTS	0.65
2	4	HARRY PERTZSCH	FEE SI	MPLE LH	E 5	17.45
. 4	4	HERBERT E. DUMMER	FEE &	ACCESS	RIGHTS	0.94
5	4	RICHARD W. DUMMER	1.			0.43
6	4	JAMES DUNHAM				0.21
7	4	CALVIN WAPPLER	-	÷	•	0.17
15	4.1	ROBERT D. MC KENZIE	POAD E	ESS RIGH	TS &	_
16	4.1	RICHARD R. MC KENZIE ET. AL.		ACCESS		10.74
17	4.1-42	GEORGE P. FRISE				1234
18	4.2	LUCILLE K. EULER	FEE SI	WPLE, L.H	E B	0,59
19	4.2	STANLEY SANWICK	"	ESS HIG		2330
20	4.2	PAUL LINSE				507
21	42-43	MINNIE KINNEY ET AL	FEE I	ACCES	RIGHTS	16.14
22	4.2-4.3	BERTHA M. SWENNES ET. AL.	FEE SI	MPLE, LH	E. A	18.22
23	4.3	ALBERT C. HAUSER				7.4
24	4.3	LAURA HAUSER	FEE. A	CCESS RI	GHTS,	1.4
25	4.3	ALFRED GILSTER	_		-	9.16
27	14.3	HILDA WIEBKE ET AL	ŀ	•	•	2.73
29	4.3	JOE, BAHR	<u> </u>		•	128
31	4.3	BERNARD PRALLE	POAD EAS	EMENT R	ELEASE	_
32						
33	4.4	CLIFFORD LYLE SMITH	FEE SI	MPLE, L.H	E &	15,73
35	44-4.5	FRANKLIN J. RANNEY	•	•		42.54
37	4.5	LOUIS . W. SCHILD	FEE &	ACCESS	RIGHTS	1.01
38	4.5-4.6	VILAS E. YOUNG	(SHCLUDE)	MEXIN S.	TA SITE	53.6
39	4.5	ARTHUR NUTTELMAN EST.	ROAD EA	CCESS AT	RELEASE	0.90
40	4.5-4.6	ERVIN NUTTLEMAN	ACC	E35 RIG	HTS	27.21
41	4.6	WENDELL L. MC ELDOWNEY	FEE &	ACCESS F	HOHTS	14.61
50	4.3	C'A N.W. R.R.	AGREE	MENT		_
51	4.3	C. M. ST P & P. R.R.	AGREE	MENT		-
52	4.2	FREDA HAWKINS	-	SEMENT F	RELEASE	-
53	4.2	ELLSWORTH M ROBINSON	_	SIMPLE.		0.17
	4.3	HAROLD TAUSCHER	1	LH.E.		

AND	MOUTE	CLASS AND	AGREEMENT	B. P. R.	SHEET	A SHEETE
HIGHWAY	SECTION	STATE	FEDERAL	DIVISION	NUMBER	_ SHEETE
32.3	90.1		13.3	4 wis.	.4.7	
CONST. PR	90.1 13.3				41	40

#8				/
57	4	HARRY PERTZSCH	L. H. E	_
58	4 -	HERBERT E. DUMMER	L. H. E.	-
60	4	HERBERT A. MOSHER	L. H. E.	_
61	4.1	RICHARD R. MC KENZIE ET AL	L. H. E.	
62	4.6	VILAS E. YOUNG	FEE SIMPLE	1.89
63	4.6	ERVIN NUTTLEMAN		5.42
64	4.6	WENDELL L. MC ELDOWNEY		3.07
			68.5.2°\0.00	
	de la			
-25%		- · · · · · · · · · · · · · · · · · · ·		
.s. (I	- 17			
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193				
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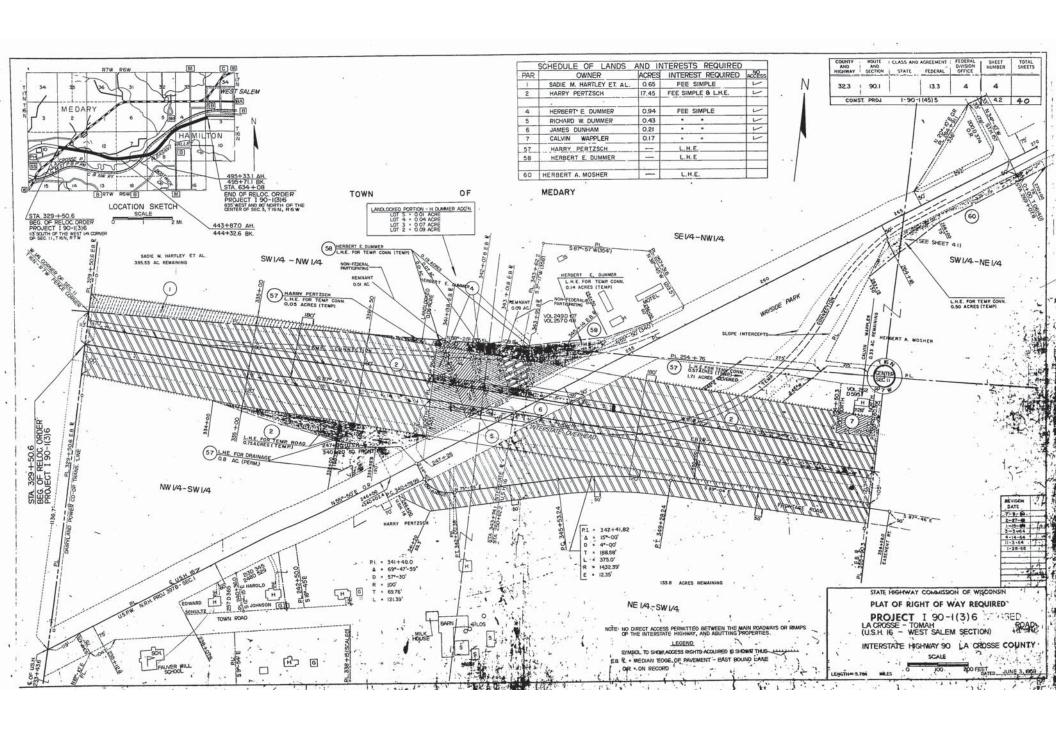
NOTE:

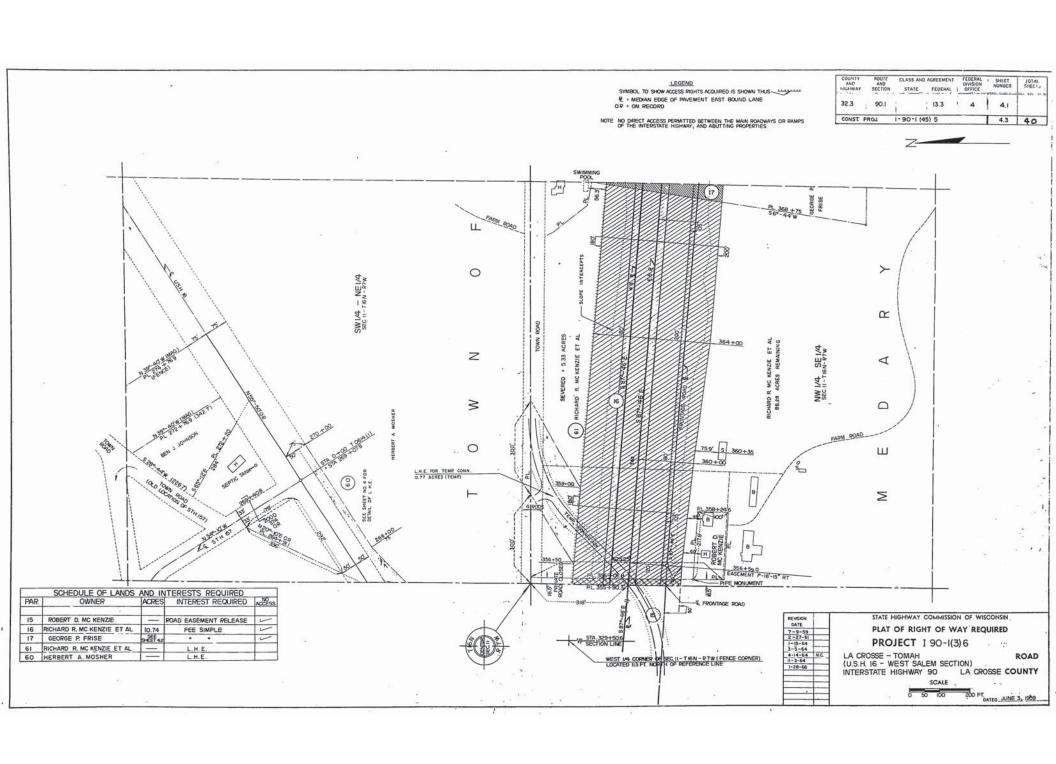
LENGTH - 5.784 MILES

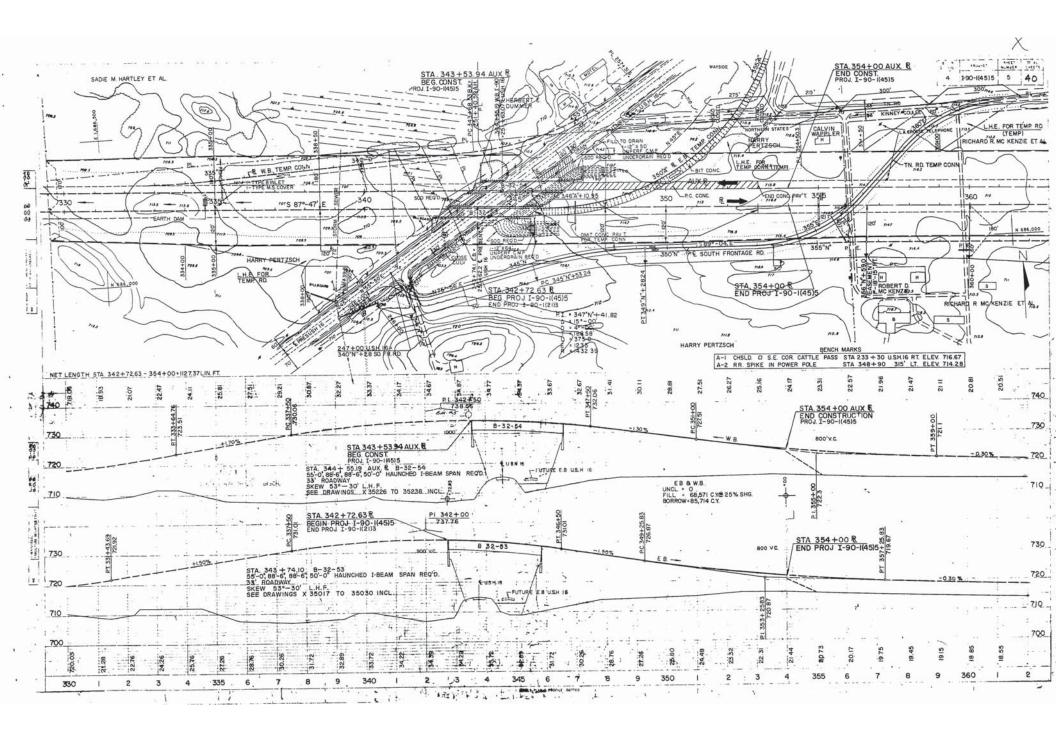
EARINGS SHOWN ON THIS PLAT ARE THE TRUE EARINGS OF EACH TANGENT TO THE NEAREST MINUTE

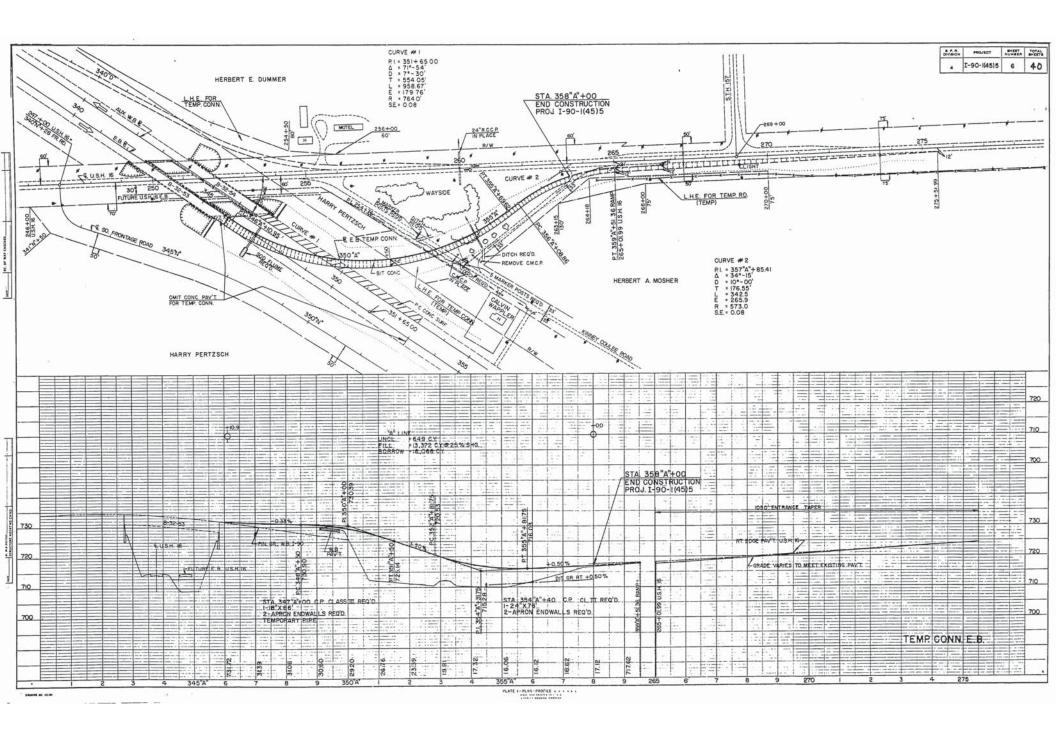
DENOTES

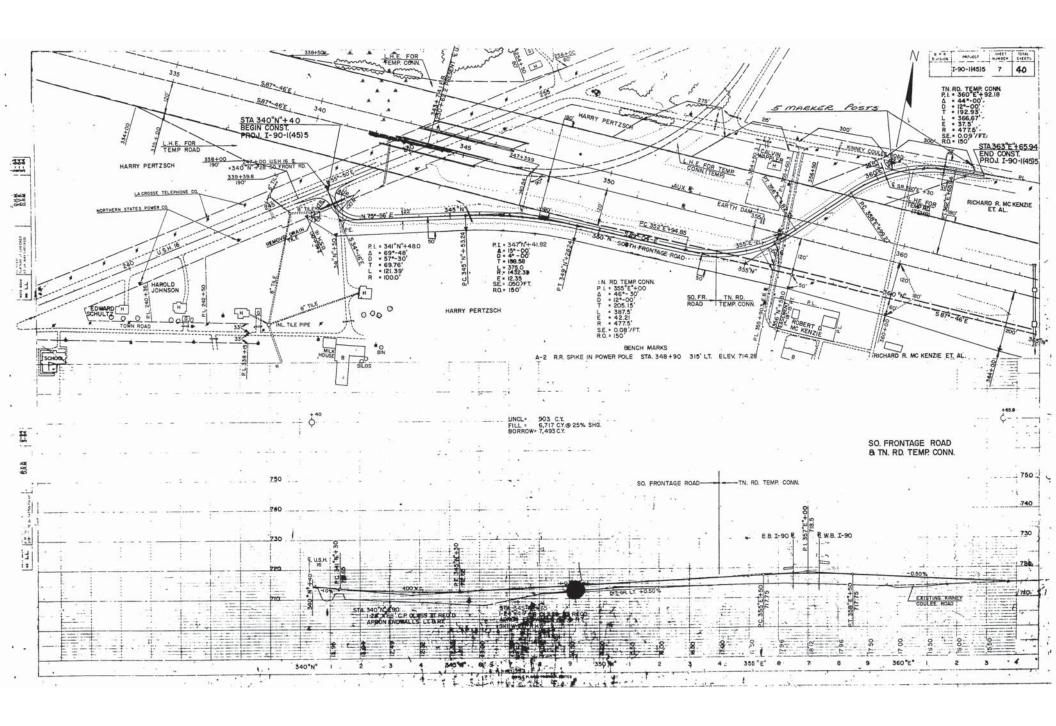
NO A	CCESS
MEVISION DATE	STATE HIGHWAY COMMISSION OF WISCONSIN
1-15-64	PLAT OF RIGHT OF WAY REQUIRED
4-14-64	PROJECT I 90-1(3)6 LA CROSSE — TOMAH ROAD
1-28-66	(U.S.H.16-WEST SALEM SECTION)
	INTERSTATE HIGHWAY 90 LA CROSSE COUN
	a control of the cont

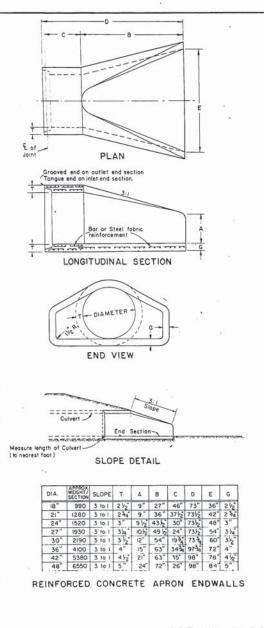


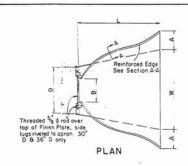




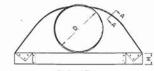


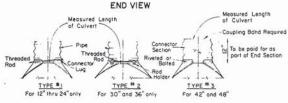










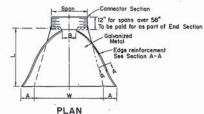


CONNECTION DETAILS

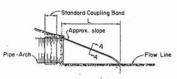
D	Goge	12.00	Dim	ension	5		Approx	Fabrication	
Pipe Diam. 18" 21" 24" 30" 36"	Min.	. i.	B Mox	. I.	: 1/2	± 2"	Slope	Remarks	
18"	16	8*	10"	6"	31"	36"	2 10 1	I Piece	
21"	16	9,	12*	6*	36"	42"			
24"	16	10"	13"	6*	41"	48"			
30"	14	12"	16"	8*	51"	60"			
36"	14	14*	19"	9"	60"	72"		2 Pieces, E Splice	
42"	12	16"	22*	11*	69"	84"	.,		
48"	12	18*	27"	12"	78"	90"	24101		

METAL AND ALUMINUM APRON ENDWALLS

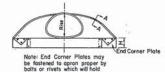
APRON ENDWALLS FOR CULVERT PIPE



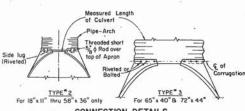
showing alternate type with connector section



SIDE ELEVATION



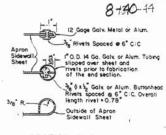
the surfaces tightly together END VIEW



CONNECTION DETAILS

	Arch	Gage		Di	mensi	ons		Approx.	Fabrication
Dimer Span	Rise	Min.	A ± 1"	B Max.	# #1"	± 1/2	* 2"	Slope	/ Remarks
18"	11"	16	7"	9"	6"	19"	30"	25 10 1	I Piece
22"	13*	16	7"	10"	6"	23"	36"		
25"	16"	16	8"	12"	6"	28"	42"		•
29"	18"	16	9"	14"	6"	32"	48"		
36"	22"	14	10"	16"	6"	39"	60"		
43"	27"	14	12"	18"	8"	46"	75"		•
50"	31"	12	13"	21"	. 9"	53"	85"	• **	2 Pieces, & Splice
58"	36"	12	18"	26"	12"	63"	90"		
65"	40"	12	18"	30"	12"	70"	102"	24101	
72"	44"	12	18"	33"	12"	77"	114"		3 Pieces, 2 Splics equal distance from 6

APRON ENDWALLS FOR PIPE ARCH



SECTION A-A

GENERAL NOTES

Details of construction not shown on this drawing shall conform to the pertinent requirements of the Standard Specifications and the applicable Special Provisions.

Reinforced concrete apron endwalls shall conform to the pertinent requirements of the Standard AASHO Designation: M 170, Class II (Wall B).

Metal apron endwalls shall conform to the pertinent requirements of the Standard AASHO Designation: M36. Aluminum apron endwalls shall conform to the pertinent requirements of the Standard AASHO

Designation: M-196-62 I

Variations of the dimensions and designs shown hereon will be permitted providing equivalent capacity and structural integrity are attained, and prior approval of the Engineer is obtained.

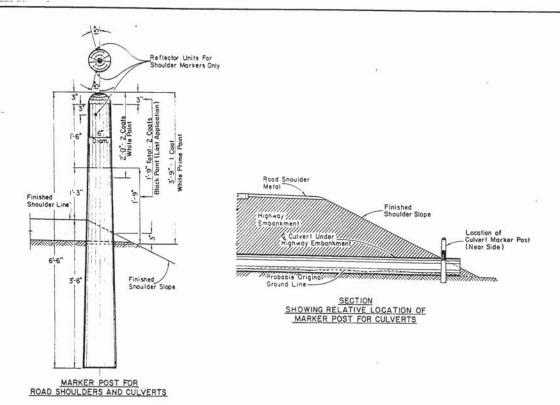
Reinf, concrete goron endwalls, shall be used with concrete pipe culvert installations, metal apron endwalls shall be used with core metal pipe culvert installations, and Aluminum endwalls shall be used with corr cluminum culvert installations

> APRON ENDWALLS FOR CULVERT PIPE & PIPE ARCH

STATE HIGHWAY COMMISSION OF WISCONSIN

1,9,65 4/:2/65

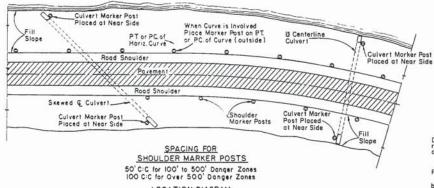
PLATE NO. 6-2.6.4



219" 3'-3"One Coat W Ground Line 6:6" 3:3" MARKER POST FOR RIGHT OF WAY LOCATION DIAGRAM SHOWING TYPICAL LOCATIONS OF MARKER POSTS FOR RIGHT OF WAY

MARKER POST FOR RIGHT OF WAY

Danger Zone - Water, Canyon etc.



LOCATION DIAGRAM SHOWING RELATIVE LOCATIONS OF SHOULDER MARKER POSTS AND CULVERT MARKER POSTS

MARKER POSTS FOR ROAD SHOULDERS AND CULVERTS

GENERAL NOTES Details of Construction not shown on this drawing shall conform to the pertinent requirements of the Standard Specifications and the applicable Special Provisions.

MARKER POSTS FOR RIGHT OF WAY

Right of Way Marker Posts shall be erected in advance of Grading Operations.
Posts shall be placed at the outer limits of the Highway Right of Way,
but entirely within the Right of Way, and shall be so placed that the outer edge
of the posts shall be langent to the Right of Way line or lines extended. The exact location of all Right of Way Posts will be staked in the field by the Engineer.

REFLECTOR UNITS

Reflector Units shall have plastic crystal lens 7/8" in diameter. Unit assembly shall be a minimum of 7/8" in length. Reflector Units shall be furnished with flored exponding metal clips for wood mounting. Units shall be mounted in tightest fit possible and securely stoyed in posts. Reflector Units shall be installed in Road Shoulder Marker Posts only.

MARKER POSTS & MARKER POSTS FOR RIGHT OF WAY

STATE HIGHWAY COMMISSION OF WISCONSIN

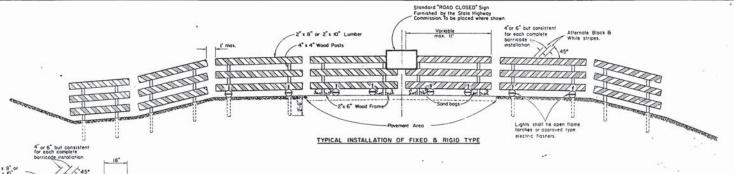
RECONNENDED FOR APPROVAL

2-5-63

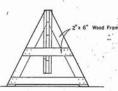
CHORAGE

2/6/63

PLATE NO. 7-1.3.4



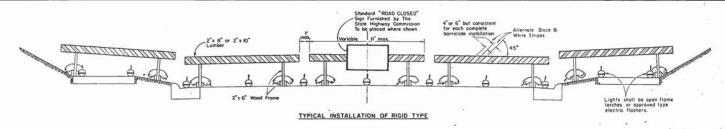
2"x 6" Wood Frame

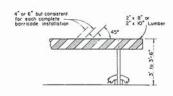


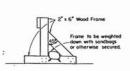
ALTERNATE TYPE INSTALLATION (RIGID)

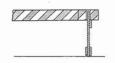
ALTERNATE TYPE INSTALLATION (DEMOUNTABLE)

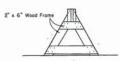
CLASS I BARRICADE











ALTERNATE TYPE INSTALLATION (RIGID)

ALTERNATE TYPE INSTALLATION (DEMOUNTABLE)

CLASS II BARRICADE

GENERAL NOTES:

The Contractor shall construct, place and maintain barric this drawing and as required by the Standard Specifications the duration of the project of all points of highway closure, be pointed as shown hereon and structurally maintained for all times, for the duration of the respective project.

CLASS I BARRICADE

Shall be used at points of closure where road is closed to froffic. Gates on movoble sections of barricade shall be provided when necessary, for accessed equipment or other authorized vehicles only. CLASS II BARRICADE

May be used only where the hazard to traffic is relatively small the more or less continuous delimiting of a restricted roadway, or orary daytime use. LUMBER & FABRICATION

Lumber shall be of a grade structurally sound and sufficiently rigid to sat-isfactarily support and maintain the purpose and intent of a barricode feelility. The fobrication of the barricode shall be in accord with good pertinent woodworking practices.

PAINTING

Borricotes shall be pointed as shown hereon in alternate block and white stripes. Block of stripes shall be pointed with sevether resistant and devolve lock-paint. White stripes shall be pointed a prime cost of good grade wood primer, followed by two costs of whiter Codit Reflective Liquid (Minnesotte Mining Ca) or equivalent, or reflective sheeting vide ongle, flat top "Scatchille" brand material (Minnesotte Mining Ca) or equivalent.

DIRECTION OF DIAGONAL STRIPES

Where a borricode extends entirely across the roadway and no vehicle occess provision, the stripes shall alone downward toward the highway centering. A direction toward which whiches must furn in detarrical alone de-mixed in the direction toward which whiches must furn in detarrical towards. Where both right and left furns are provided for, the stripes shall stope downward in band directions from the center.

MEASUREMENT & PAYMENT

All barricades, unless otherwise provided for in the plans and/or special provisions shall be furnished, placed, and maintained as noted above, and no additional compensation will be allowed but shall be construed to be included in the price bid for other ifems.

NOTE:

Lighting devices for borricodes shall conform to the requirements of the Standard Specifications.

NOTE:

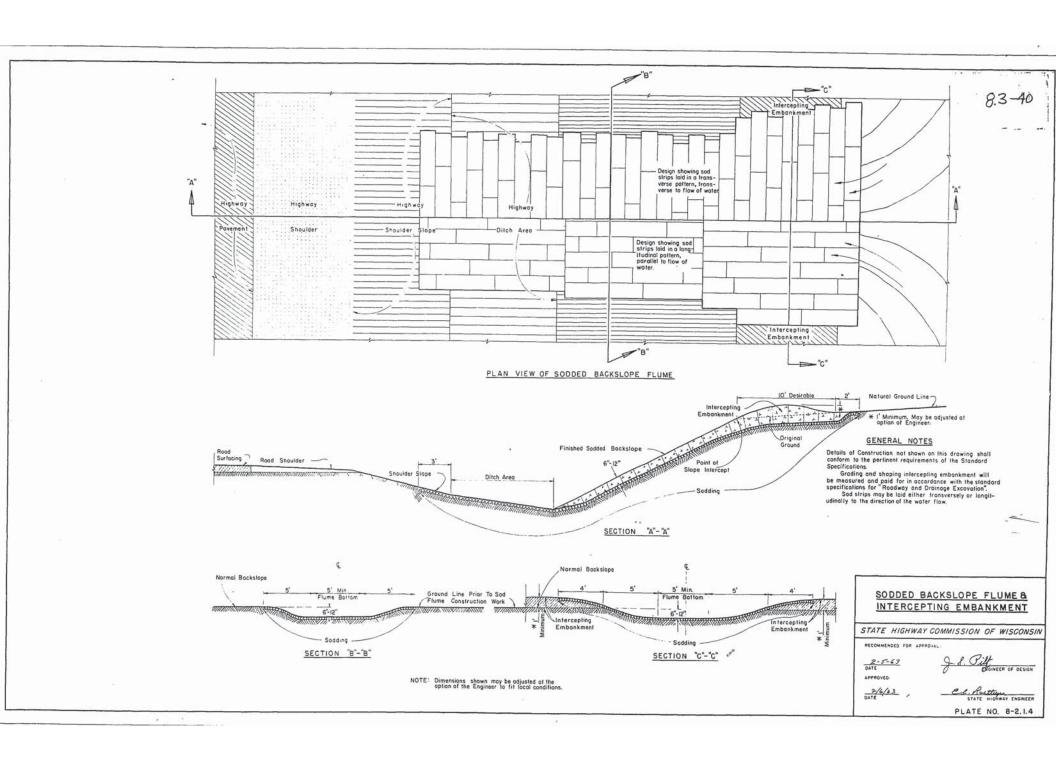
CONSTRUCTION BARRICADE

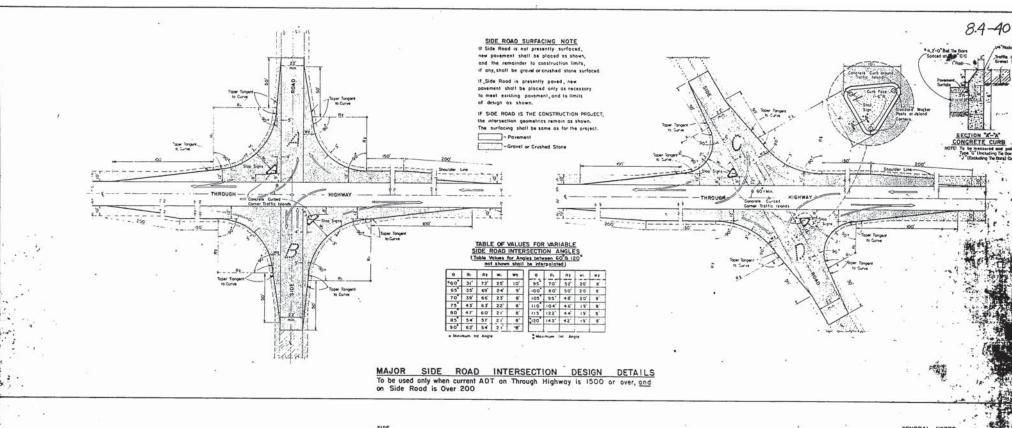
STATE HIGHWAY COMMISSION OF WISCONSIN

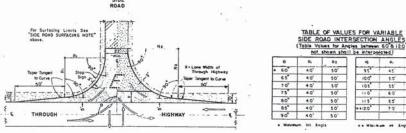
2-5-63 DATE APPROVED

DATE =/6/6.3

PLATE NO. 7-4.1.4







MINOR SIDE ROAD INTERSECTION DESIGN DETAILS To be used when current ADT on Through Highway is Less than 1500 or on Side Road is Less than 200

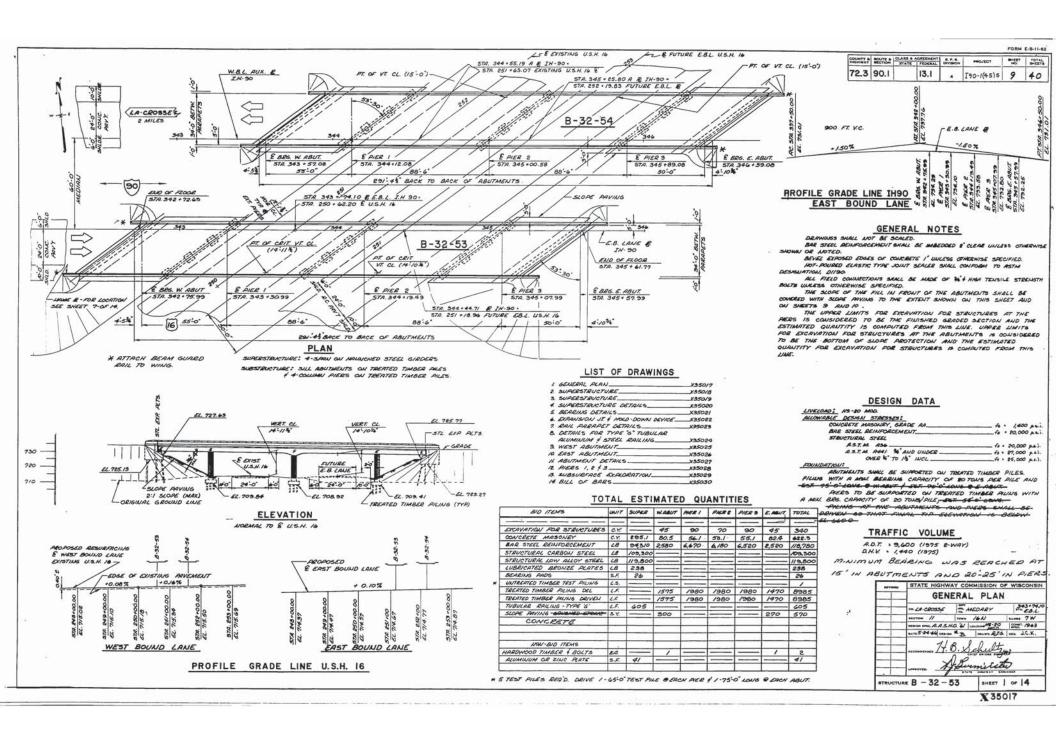
GENERAL NOTES

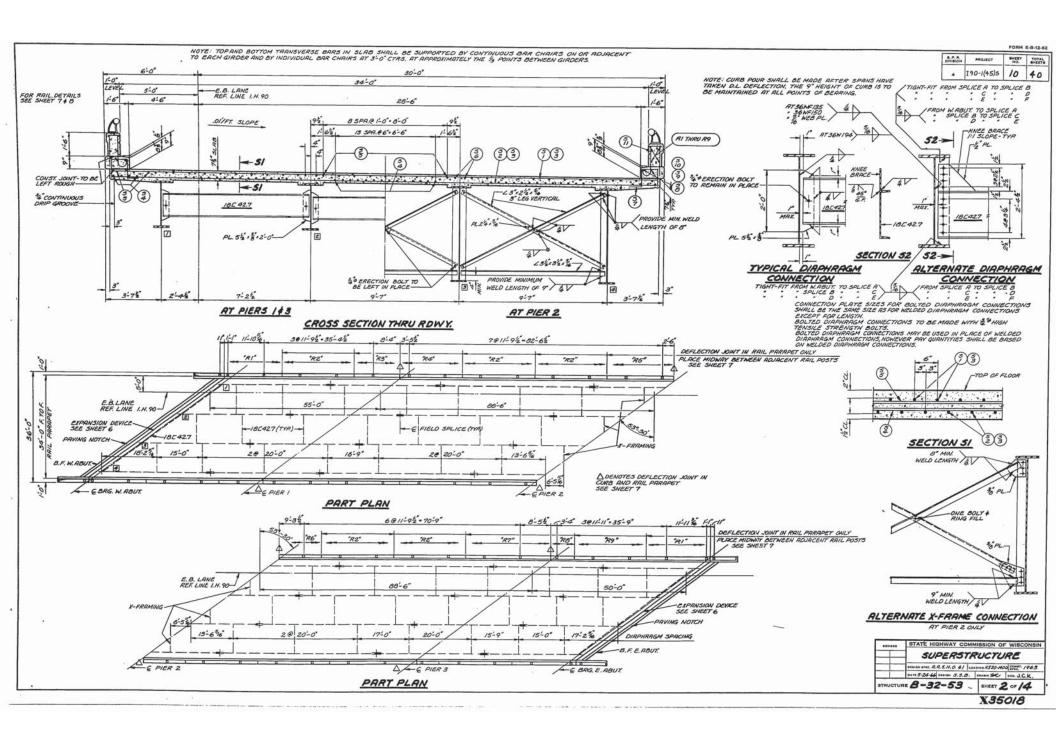
Designs A B C D or E may be changeably in combination or separate

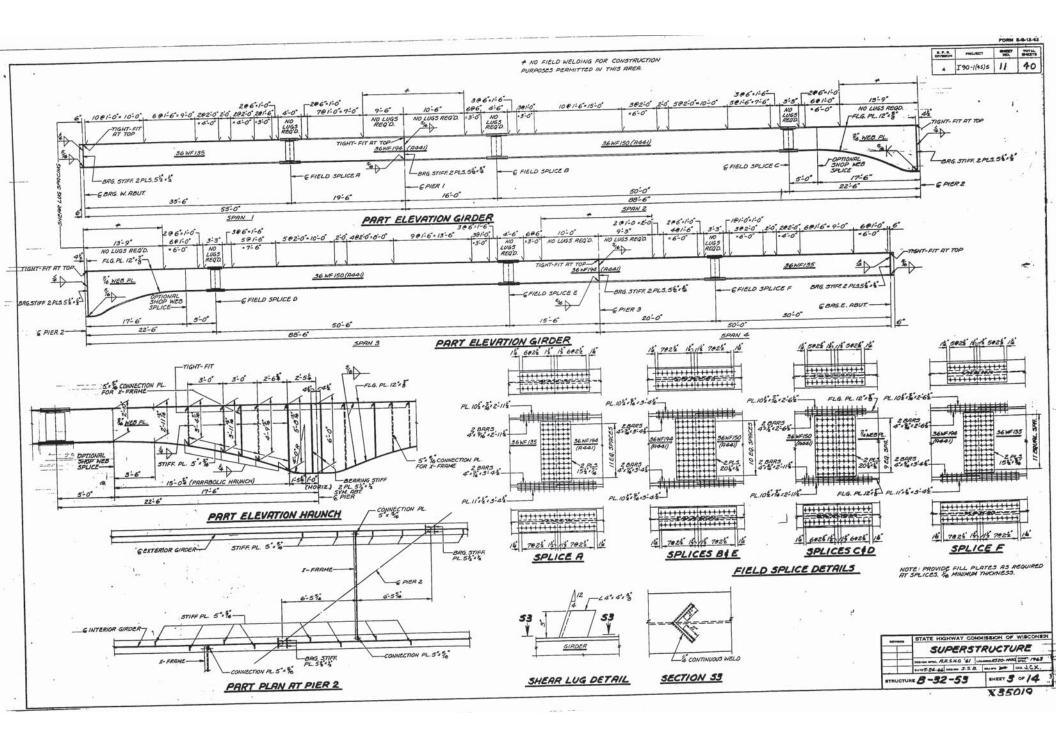
changeobly in combination or esperately fl any one complete inheresction appearance upon I (affic Valume, Intersection appearance).

Details on this drawing are for Minimus Design Only, and not applicable to Special Conditions, as shown elsewhere on the plans



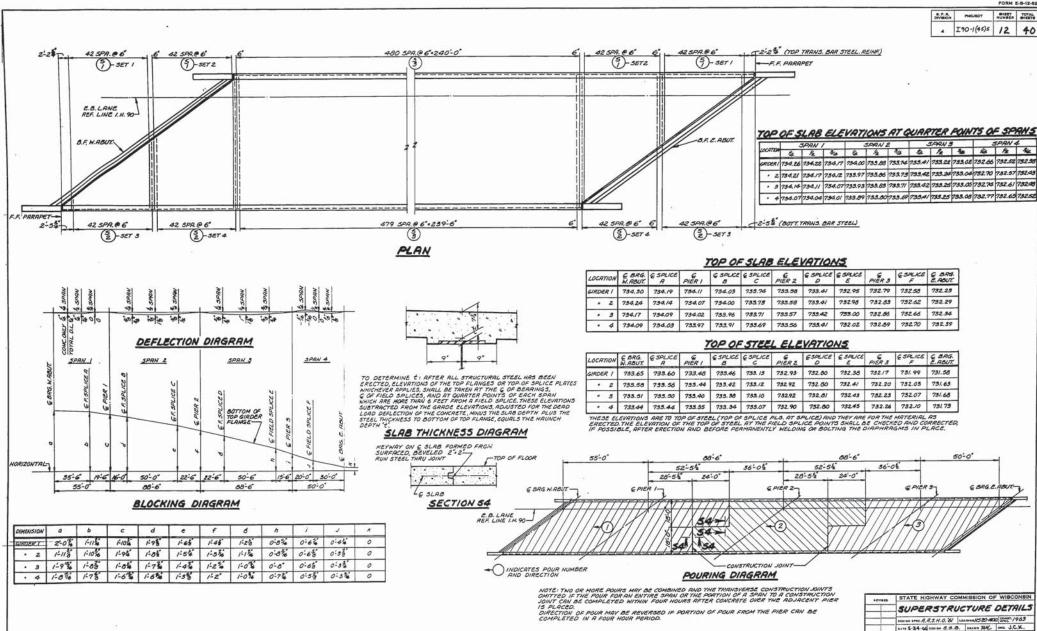


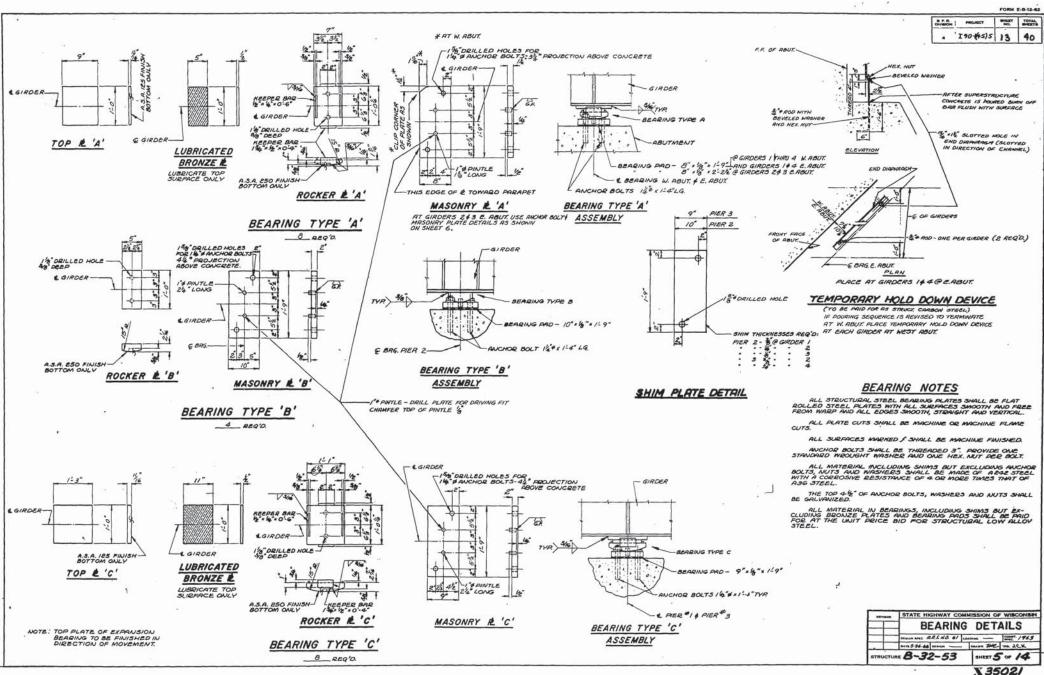


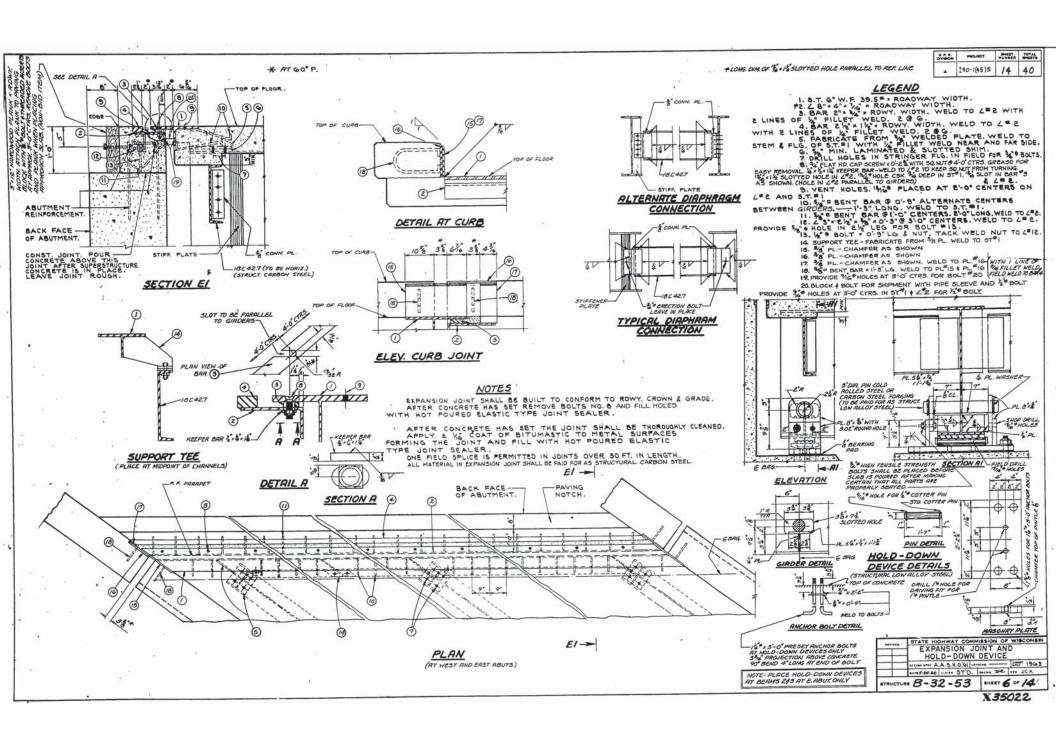


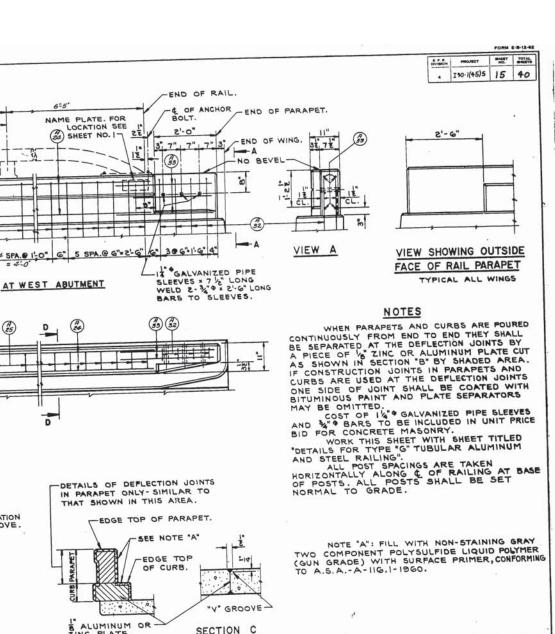
STRUCTURE 8 -32-53

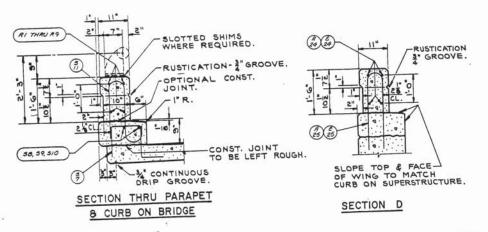
SHEET 4 OF 14 X35020











I" HOLES IN -STEEL RAILING ONLY.

(E5

AT EAST ABUTMENT

8.3%

OF ANCHOR

BOLT.

END OF WING.

END OF

PARAPET.

& PLATE

DETAIL AT TOP OF

CLOSURE PLATE IN ENDS OF RAIL AT ABUTMENTS. WELD & GRIND SMOOTH.

ELEVATION OF RAIL PARAPET

PLAN OF RAIL PARAPET

CURB & PARAPET

2'-0"

END OF

RAIL.

SEE NOTE "A"

IN STEEL

RAIL ING

ONLY.

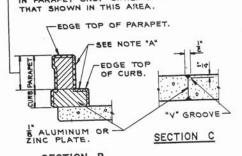
AT PIER

PHOLES-

2'-0"

11"

"S

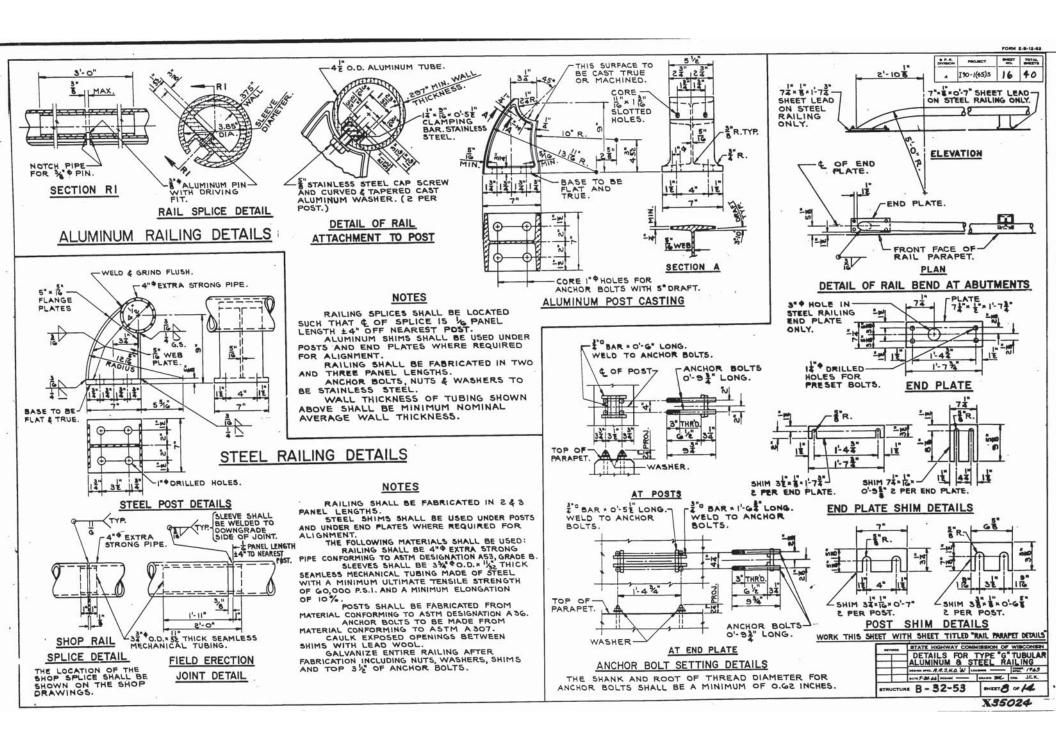


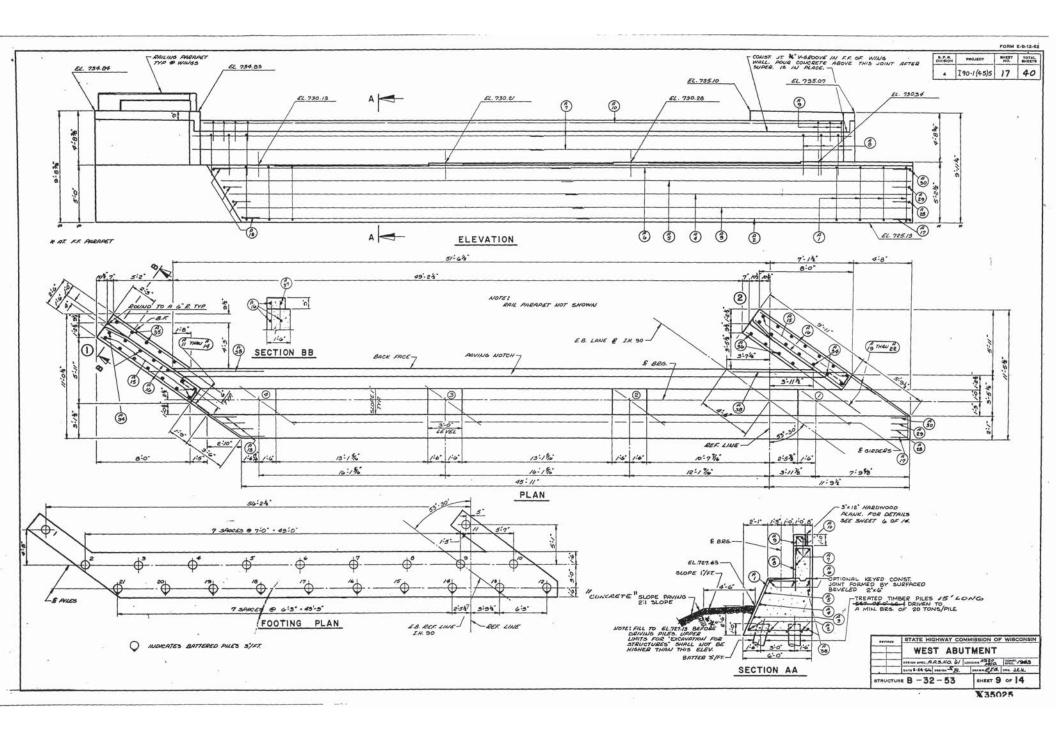
SECTION B SHOWING DEFLECTION JOINT IN CURB AND PARAPET AT PIERS.

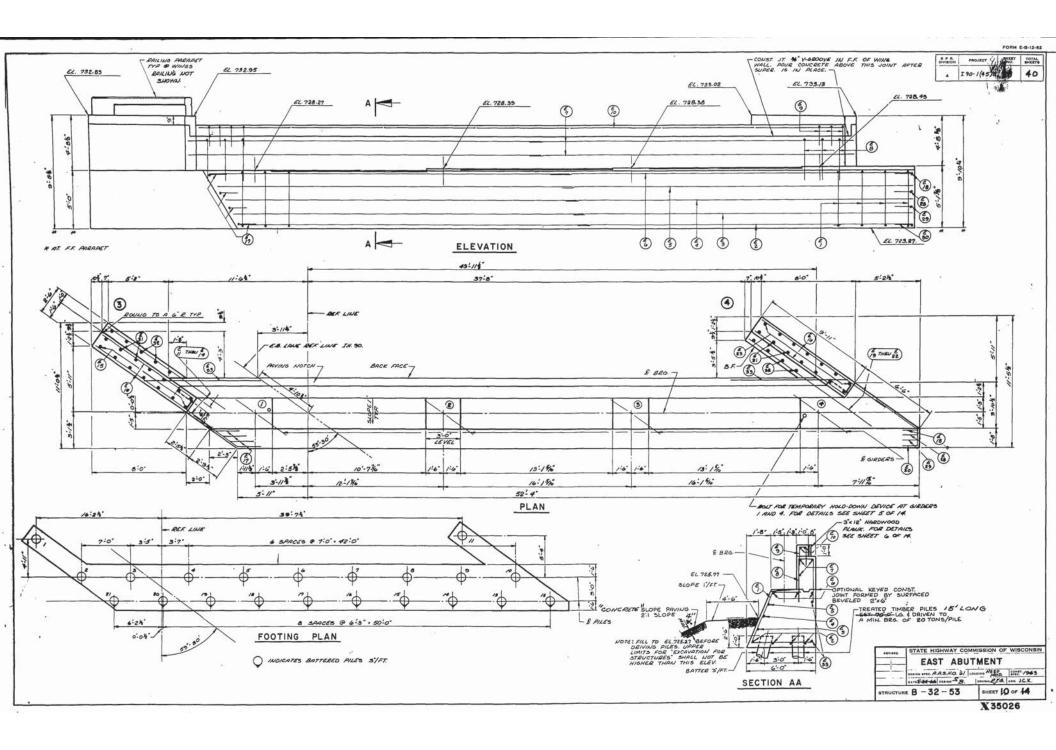
D

STATE HIGHWAY COMMISSION OF WISCONSIN RAIL PARAPET DETAILS DESIGN SPEC R.A.S.H.O. 6/ LONGING -- COMPT - /965 we me can J.C.K. DATE 5-34-42 DERIGH -SHEET 7 0 14 STRUCTURE B-32-53

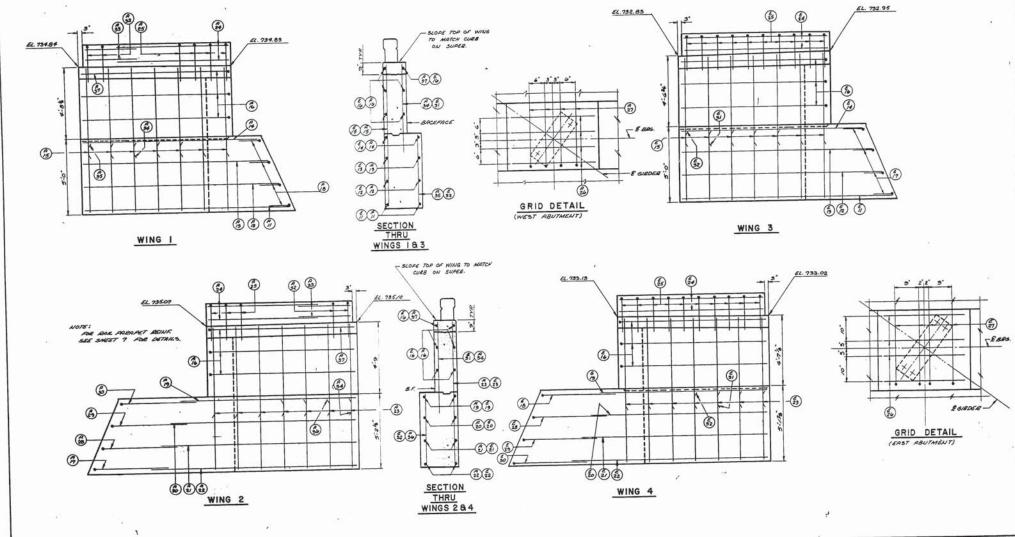
X35023



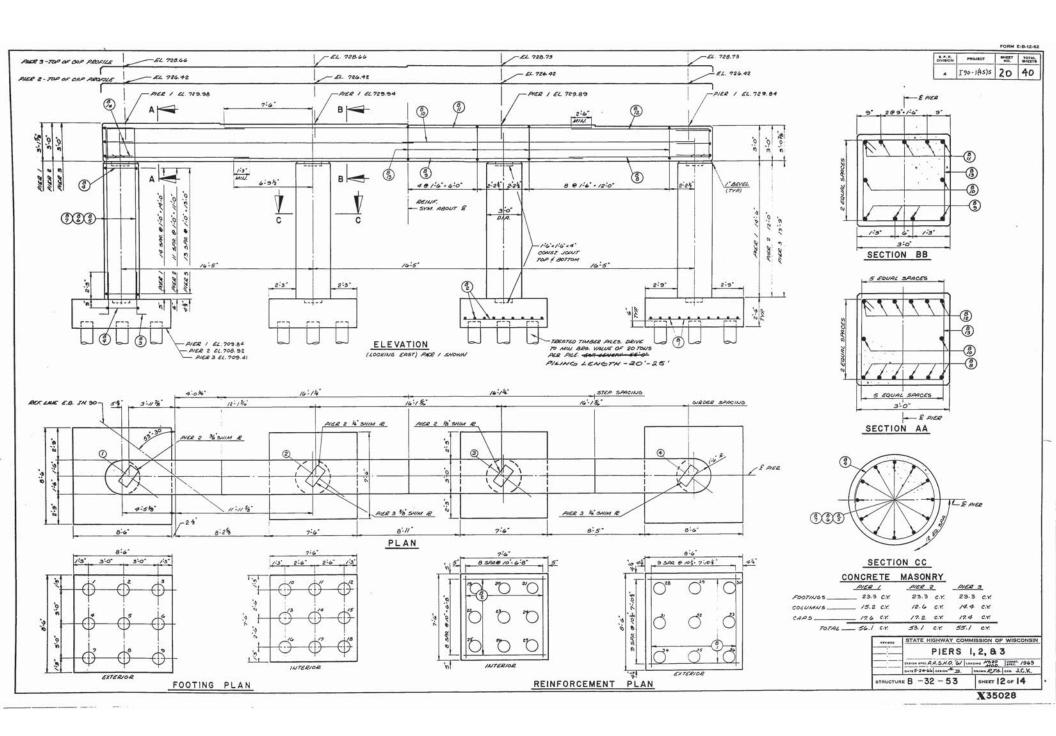


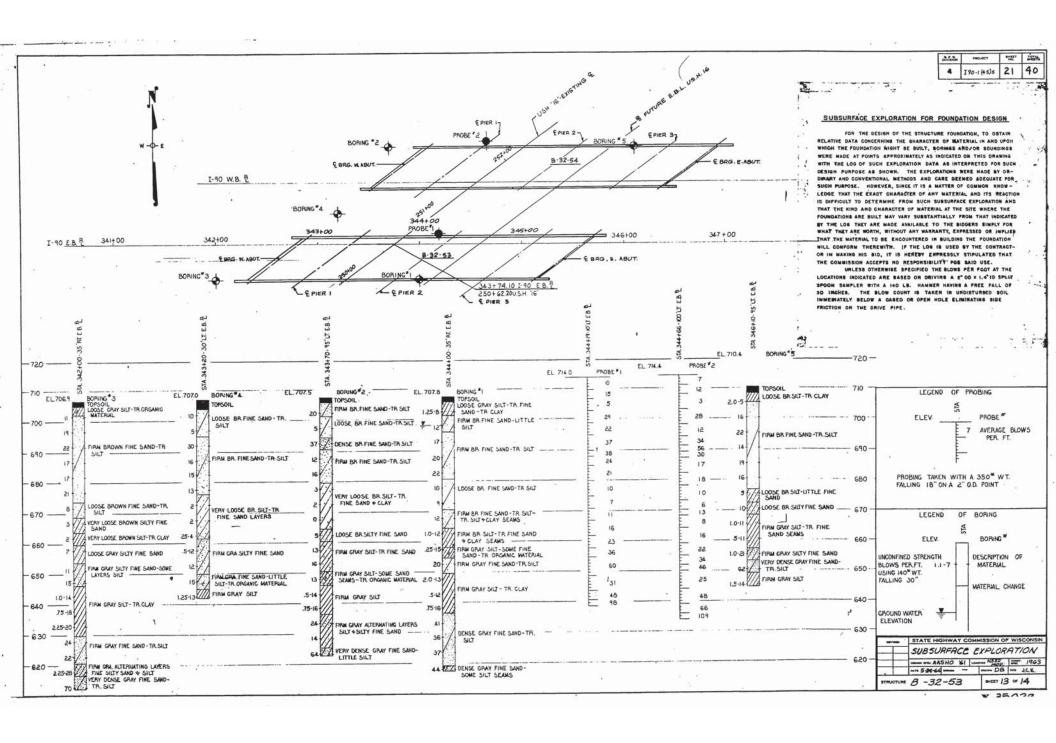


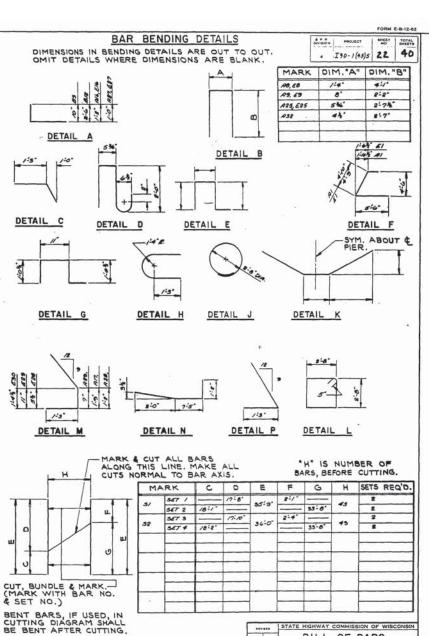




*ETHED	STATE HIGHWAY COM	MISSION OF	MISCONSI
	ABUTMENT	DETAIL	.S
	HERRASHO W	MOR MOR	COMMT. /945
	2175 24-66 Senes F	converged.	cro. J.C.K.
STRUCTU	RE B -32 -53	SHEET !	or 14







	- 14	40	_	40.7	SHOWIL	Neil Felepet	+
	R 2	40	5	23-3	11	" "	
	R 3	8	5	13-9	- 11	11 11	
	R4	8	5	20-9	. 11	11 11	
	R.5	8	5	19-9	- 11	11 11	
	R 6	8	5	14-9		11 11	
- 3	8.7	8	5	25-9	11	п п	1
	R 8	8	5	8-9		n n	1
- 3	R 9	8	5	23-6	"	0 0	1
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- 8	_	_	-	-			+
- 3	_	-			_		+
_				WEST	ABUT	MENT 2,580	*
_		200		13-9			1111
- 3	A 1	29	4	29-3	2-0	Body-Space to Miss Piling	P
	A 2	2	14	29-6	Shown	" Horizontal	+
	A4	2	4	30-0	-	<u>" "</u>	+
	A S	2	1	30-6	- 11	0 0	+
	à 6	6	6	30-9	-11	" "	+
	AZ	6	4.	30-0		Parapet-Horizontal	1
- 4	A 8	38	19	9-6	1-6	Body & Parapet	1
- 8	A 9	56	5	5-0	1-0	Parapet	T
- 0	A10	14	4	7-9	Shown	" Horizontal-Do Not Lap	
- 1	All	2	4	14-6	1-6	Wing 1-Horizontal	Ι
	A12	2	4	13-3	1-6	" 1 "	Τ
	A13	2	4	12-3	1-6	" 1 "	L
7	A14 -	2	6 .	11-3	1-6	" 1 "	L
-	A15	7	4	9-3	1-6	" 1-Vertical	1
	A16	10	4	10-9	1-6	Wings 1 & 2-Horizontal	4
	A17	1	1	7-3	1-6	Wing 2-Horizontal-Corner	H
	A18	4	4	2-6	1-6		H
	A20	2	4	12-3	1-6	" 2 "	+
- 9	A21	2	4	14-3	1-6	" 2 "	+
	A22	2	14	15-3	1-6	11 2 11	+
- 3	A23	7	14	9-6	1-6	" 2-Vertical	+
N	A24	8	5	7-3	Shown	Railing Parapet-Horizontal	٠
3	A25	22	15	5-9	1-0	11 11 11 11 11 11 11 11 11 11 11 11 11	t
-	A26	16	5	2-6	Shown	Grid	T
	A27	16	5	4-3			1
	A28	1	4	6-9	1-6	Wing 2-Horizontal-Corner	1
	A29	1	4	6-3	1-6	" 2 " "	
- 2	A30	1	4	5-6	1-6	" 2 " "	
	A31	4	4	10-0	Shown	Body-Horizontal at Wings	
,	A32	8	5	5-6	6	Rall Parapet	Г
	A33	8	5	3-3	Shown	" "	L
	A34	14	5	5-9	1-6	Wings 1 & 2-Vertical	1
	A35	5	4	4-9	1-6	Wing 1-Vertical	1
	A36	2	4	4-9	1-6	" 2 "	1
	A37	1	4	10-9	1-6	Wings 1 & 2-Horizontal	1
	-	-	-		-		-
	3		1000				Г

SUPERSTRUCTURE

\$ 1 86 6 35-9 6 Floor-Top-Transvers \$ 2 86 6 36-0 6 "Bottom-Transvers \$ 5 3 961 6 25-0 6 "Bottom-Transvers \$ 5 3 961 6 25-0 6 "Bottom-Transvers \$ 5 264 5 36-9 "" "Top-Lopgitud \$ 6 24 5 15-0 "" "Top-Lopgitud \$ 6 24 5 15-0 "" "Symmetr \$ 7 564 5 3-9 1-0 Currb-Transvers \$ 8 8 5 28-9 Shown "Longitudinal-15 9 24 5 30-3 "" " " \$ 5 9 24 5 30-3 "" " " \$ 5 9 24 5 30-3 "" " " \$ 5 9 24 5 30-3 "" " " \$ 5 9 24 5 30-3 "" " " \$ 5 9 24 5 30-3 "" " " \$ 5 9 24 5 30-3 "" " " \$ 5 9 24 5 30-3 "" " " \$ 5 9 24 5 30-3 "" " " \$ 5 9 24 5 30-3 "" " " \$ 5 9 24 5 30-3 "" " " \$ 5 9 24 5 30-3 "" " " " \$ 5 9 24 5 30-3 "" " " \$ 5 9 24 5 30-3 "" " " \$ 5 9 24 5 30-3 "" " " \$ 5 9 24 5 30-3 "" " " " \$ 5 9 24 5 30-3 "" " " " \$ 5 9 24 5 30-3 "" " " " \$ 5 9 24 5 30-3 "" " " " \$ 5 9 24 5 30-3 "" " " " \$ 5 9 24 5 30-3 "" " " " \$ 5 9 24 5 30-3 "" " " " \$ 5 9 24 5 30-3 "" " " " \$ 5 9 24 5

POUR MARK NO. SIZE LENGTH SPACING

S 1 86 6 35-9 6

94,310 #

LOCATION

Top-Longitudinal
" Symmetrical about & Piers

Spans 2 & 3

Span 4

" Longitudinal

& Rall Parapet

Floor-Top-Transverse

DET.

		E	AST	ABUT	MENT 2,520	
El	7 29	4	13-9	2-0	Body-Space to Miss Piling	_
E 2	8	4	29-6	Shown	" Horizontal	
E 3	2	4	30-0	11	" "	_
E 4	2	4	30-6	"	11 11	ī
E5	2	4	30-9	11	11 11	
E 6	6	6	31-0	"	11 11	7
E 7	6	4	30-0	11	Parpaet-Horizontal	7
E 8	38	5	9-6	1-6	Body & Parapet	7
E 9	56	1.5	5-0	1-0	Parapet	7
ElO	14	4	7-9	Shown	" Horizontal Do Not Lap	7
EII	2	4	14-6	1-6	Wing 3-Horizontal	
E12	2	4	13-9	1-6	11 3 11	_
E13	1 2	4	12-9	1-6	1 3 11	-
E14	2	6	12-0	1-6	1 3 "	
E15	1	4	9-3	Y-6	" 3-Vertical	-
E16	12	1	10-9	1-6	Wings 3 & 4-Horizontal	
E17	4	1	2-6	1-6	Wing 3-Horizontal-Corner	
E18	ti	1	5-6	1-6	Thing 5 Horizontal Corner	
E19	1 2	6	13-0	1-6	1 11 4 11	-
E20	2	4	13-9	1-6	1 1 4 11	-
E21	2	4	14-6	1-6	1 1 4 11	
E22	2	4	15-6	1-6	1 " 4 "	
E23	7	4	9-6	1-6	" 4-Vertical	_
						_
E24	. 8	5	9-3	Shown	Ralling Parapet-Horizontal	_
E25	20	5	5-9	1-0		
E26	16	5	2-6	Shown	Grid	_
E27	16	5	4-6	_		
F28	1	4	5-9	1-6	Wing 4-Horizontal-Corner	
£29	1	4	5-6	1-6		_
E30	1	4	5-0	1-6		
E31	14	5	5-9	1-6	Wings 3 & 4-Vertical	
E32	9	4	4-9	1-6	1247	
E33	4	4	10-0	Shown	Body-Horizontal at Wings	
	-	-		-		

PIERS 1, 2, 8 3

8-0 101 7-0 10 4-6 Shown 9-6 "

9-6 1-0 Columns-Hoops

Cap-Ends

" Bottom

" Stirrups

POUR MARK NO. SIZE LENGTH SPACING

B 4 164 4 9-6 1-0 B 5 48 9 17-3 Shown B 6 48 9 14-9 "

812 36 7 15-3 " 813 81 4 11-6 1-6 814 18 5 6-9 Shown

87 48 9 16-6 8 8 36 9 12-3 8 9 12 5 30-0 810 12 4 25-0 811 15 9 31-6 812 36 7 15-3

B 1 120 6

B 2 108 6 B 3 144 9

B 4 12 4

19,370 #

LOCATION Footing-Exterior-Piers 1, 2 & 3

" Interior " 1, 2 & 3

" & Columns-Piers 1, 2 & 3 DET.

T H

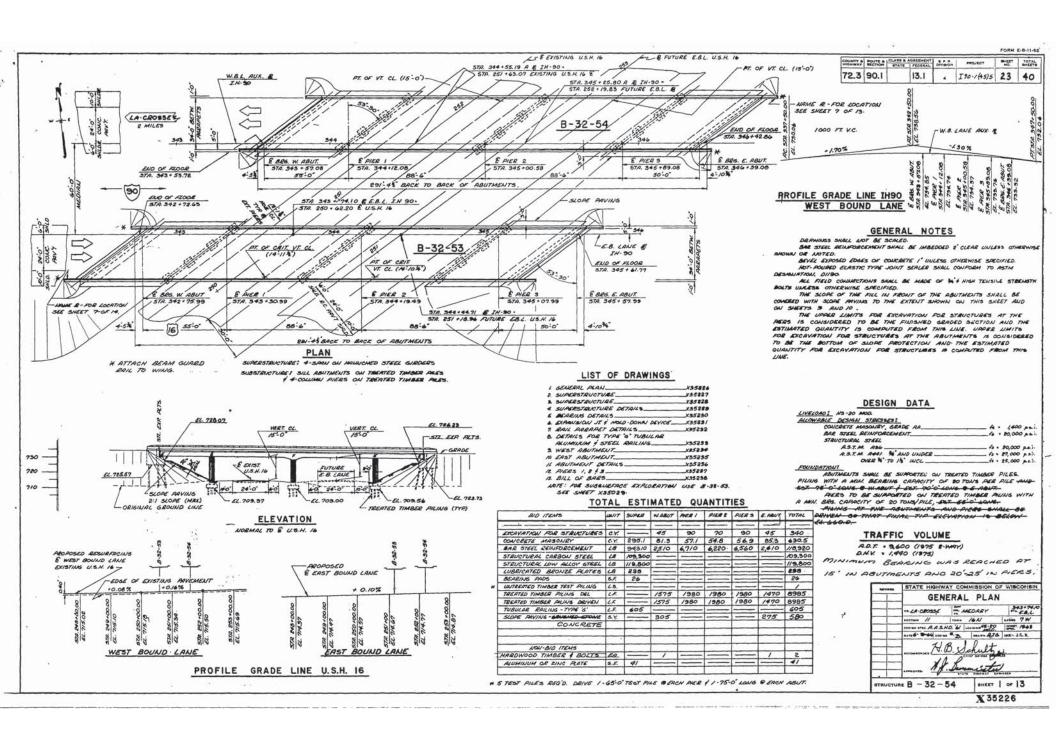
T CUTTING DIAGRAM

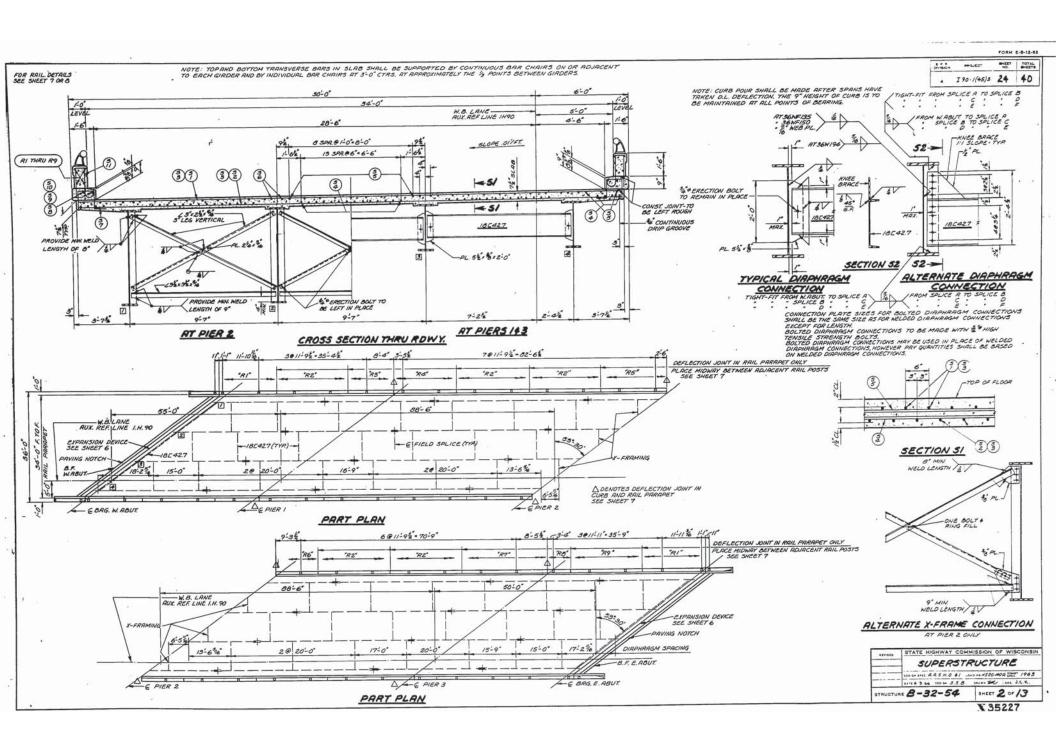
SHEET |4 OF |4 X35030

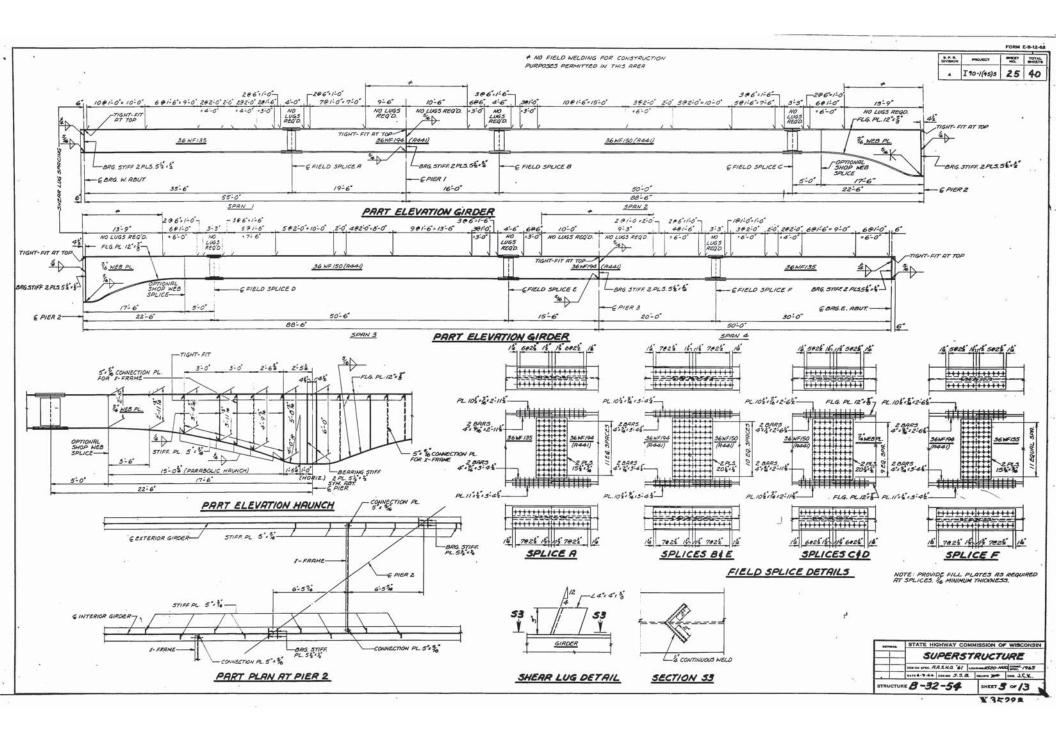
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1000 DEL R.A.S. HO. 61 LOSSING MADO STEE 1965

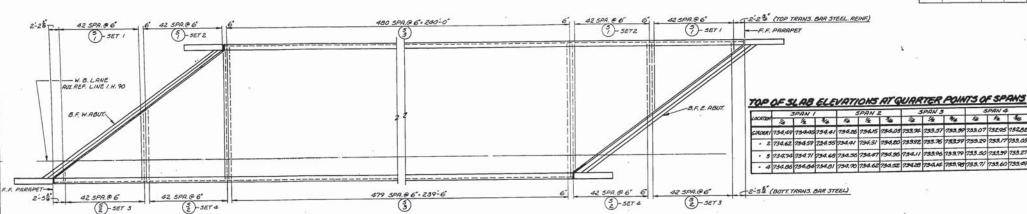
01115-24-64 otente S.B. STRUCTURE B - 32 - 53







DIVISION	PROJECT	NUMBER	SHEET	
	190-/ (45) 5	26	40	



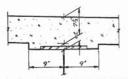
PLAN

a di 00 00

SPAN 4

15-6 20-0 30-0

50-0



TO DETERMINE 1: AFTER ALL STRUCTURAL STEEL HAS BEEN ERECTED, ELEVATIONS OF THE TOP PLANGES OR TOP OF SPLICE PLATES MIKICHEVER APPLIES, SHALL BE TAKEN AT THE C OF BEARNINGS, OF FLOOR SPLICES, WHICH ARE HORE THAN A FILL SPLICES, THE ELEVATIONS OF BEARNINGS WHICH ARE HORE THAN OF GRODE ELEVATIONS, ROUSTED FOR THE DEAD LOAD DEFLECTION OF THE CONCRETE, MINUS THE STREED BEFORM THE DEAD STEEL MINUS THE STEEL SPLICES OF THE DEATH OF THE DEATH AUGUST THE STEEL MINUS STEELS THE HAUNCH DEPTH 1:

734.50 734.44 754.20 734.07 735.92 733.54 734.64 734.50 734.37 734.24 734.10 733.74

753.89

734.41

TOP OF SLAB ELEVATIONS

ESPLICE ESPLICE

734.03

754.55

734.29

73472

PIERI

734.36

754.77

734.45

734.56

75469

754.82

ESPLKE ESPLKE

743.45

735.95

733.19

233.40

753.61

755.8/

235.75

754.28

733.00

733.22

735.44

739.65

732.92

755./5

755.57

	TOP OF STEEL ELEVATIONS										
LOCATION	€ BRG. N. ABUT.	& SPLICE	PIERI	ESPLICE B	ESPLICE	PIERZ	ESPLICE D	€ SPLICE E	E PIER 3	E SPLICE	E BRG. E.ABUT.
GIRDER I	753.87	753.84	735.75	753.71	733.42	759.25	753.12	732.76	752.56	752.40	752.05
. 2	755.99	755.98	755.00	755.86	735.59	753.41	753.51	752.96	732.78	732.65	752.26
	734.11	734.11	734,01	734.01	733.75	733.59	733.49	735.17	732.98	752.84	732.49
. 4	734.22	734.24	734./5	734.15	755.9/	753.75	733.67	735.36	755./9	753.05	752.7/

THESE ELEVATIONS ARE TO TOP OF STEEL (TOP OF SPEICE PLS. AT SPLICE) AND THEY ARE FOR THE MATERIAL AS ERECTED THE ELEVATION OF THE TOP OF STEEL AT THE FIELD SPLICE POINTS SHALL BE CHECKED AND CORRECTED, IF POSSIBLE, AFTER ERECTION AND BEFORE PERMANENTLY WELDING OR BOLTING THE DIAPHRAGMS IN PLACE.

BLOCKING DIAGRAM

DEFLECTION DIAGRAM

SPAN 3

BOTTOM OF TOP GIRDER FLANGE

50-6

08-6

من من

SPAN Z

50'-0"

88-6

HORIZONTAL

55-0"

DIMENSION	a	ь	c	d		+	6	h	1	1	A
GIRDER I	1-10%	1-8%	1-7%	1-7%	1-48	1:2%	1-08	0:7%	0.5%	0:58	0
. 2		1-7%						0-7%			0
	1.75	N	1-5%		1:28	1-146	0-112	0:75	0:5%	0:3%	0
. 4	1-6%				1-18			0:6%	0:54	0:3%	0

HEYWAY ON & SLAB FORMED FROM SURFACED, BEVELED 2 2 2 7 RUN STEEL THRU JOINT 88-6 50-0 TOP OF FLOOR 88-6 55-0 04-10% 3:74 3-74 84-104 24'-0" 24:0" 60-10 60-104 GPIER 37 CPIER 2-EPIER 1-E BAG WABUT -LE SLAB SECTION 54 AUX REF. LINE I.H. 90 AND DIRECTION POURING DIAGRAM

NOTE: THO OR MORE POURS MRY BE COMBINED AND THE TRANSVERSE CONSTRUCTION MINTS OMITTED IF THE POUR FOR AN ENTIRE SPAN OR THE PARTION OF A SPAN TO A CONSTRUCTION JOINT CAN BE COMPLETED IN WITHIN FOUR HOURS AFTER CONCRETE OVER THE ROJACENT PIER IS PLACED.

15 PLACED. DIRECTION OF POUR MAY BE REVERSED IF PORTION OF POUR FROM THE PIER CAN BE COMPLETED IN A FOUR HOUR PERIOD.

LOCATION & BRG. & SPLICE

754.53

73465

734.77

754.00

GIRDER I

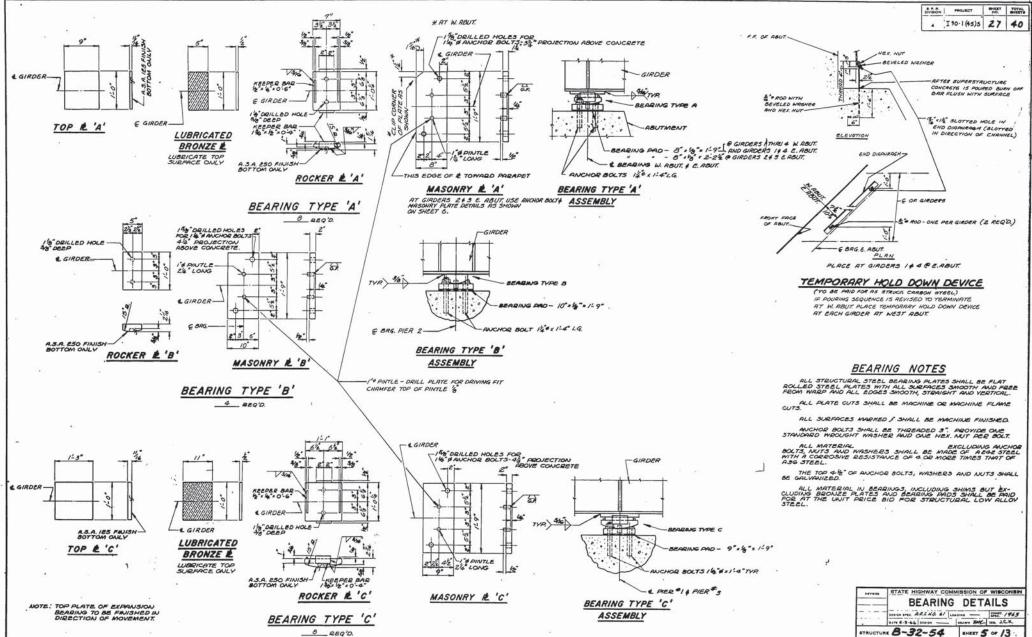
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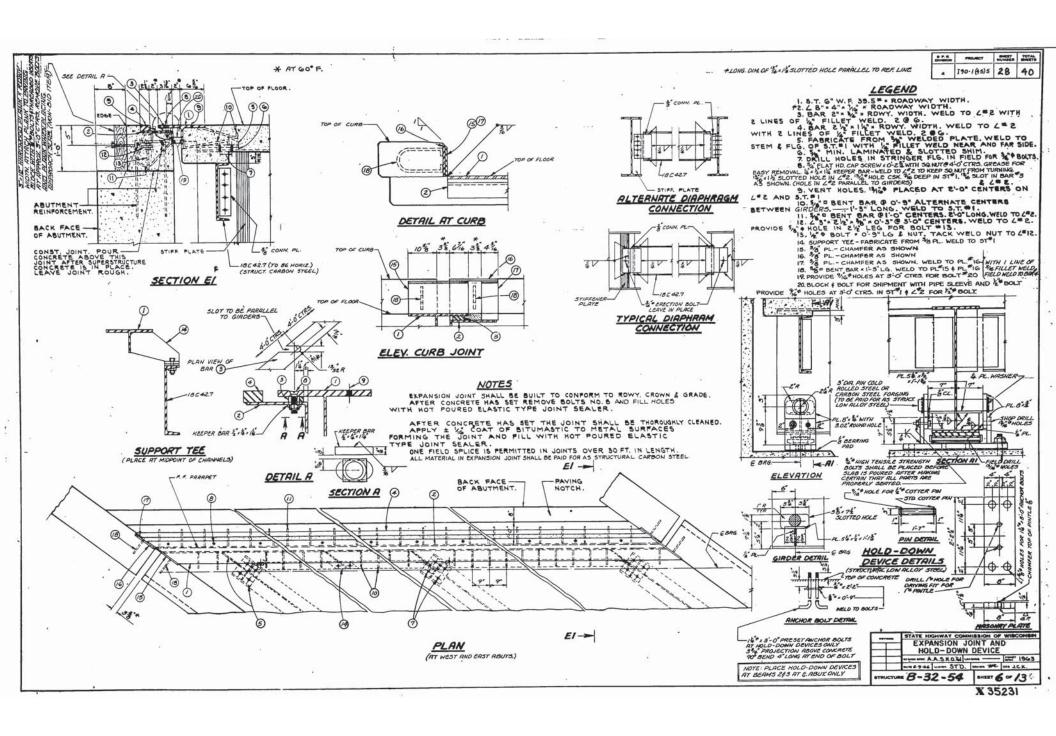
STATE HIGHWAY COMMISSION OF WISCONSIN
SUPERSTRUCTURE DETAILS

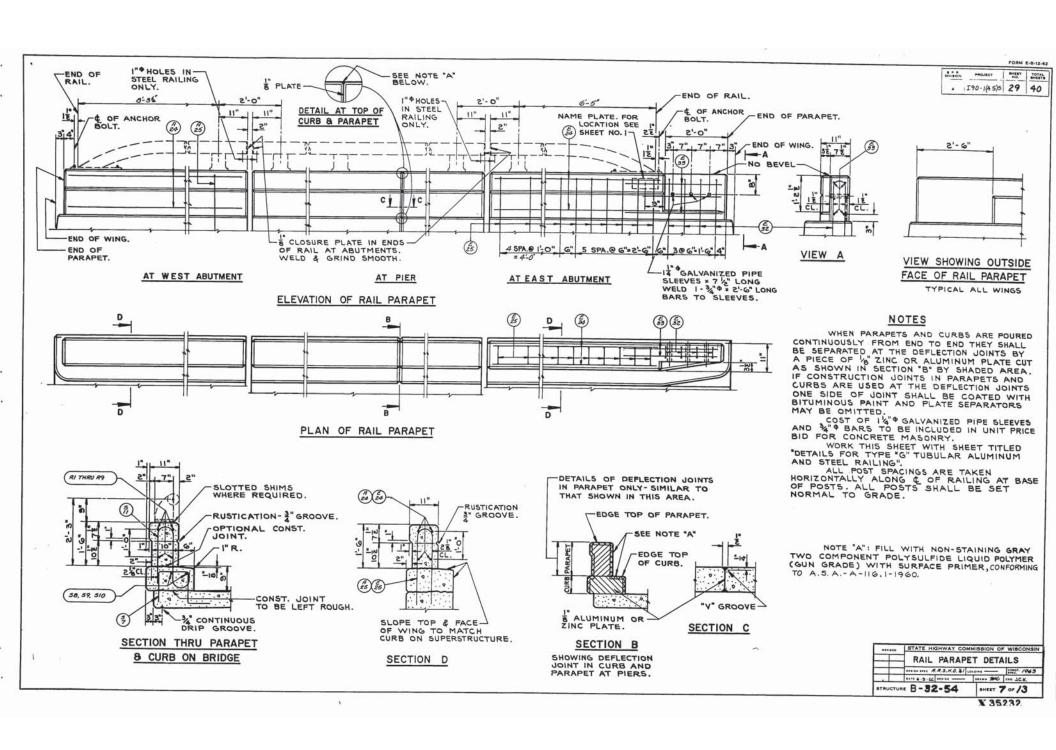
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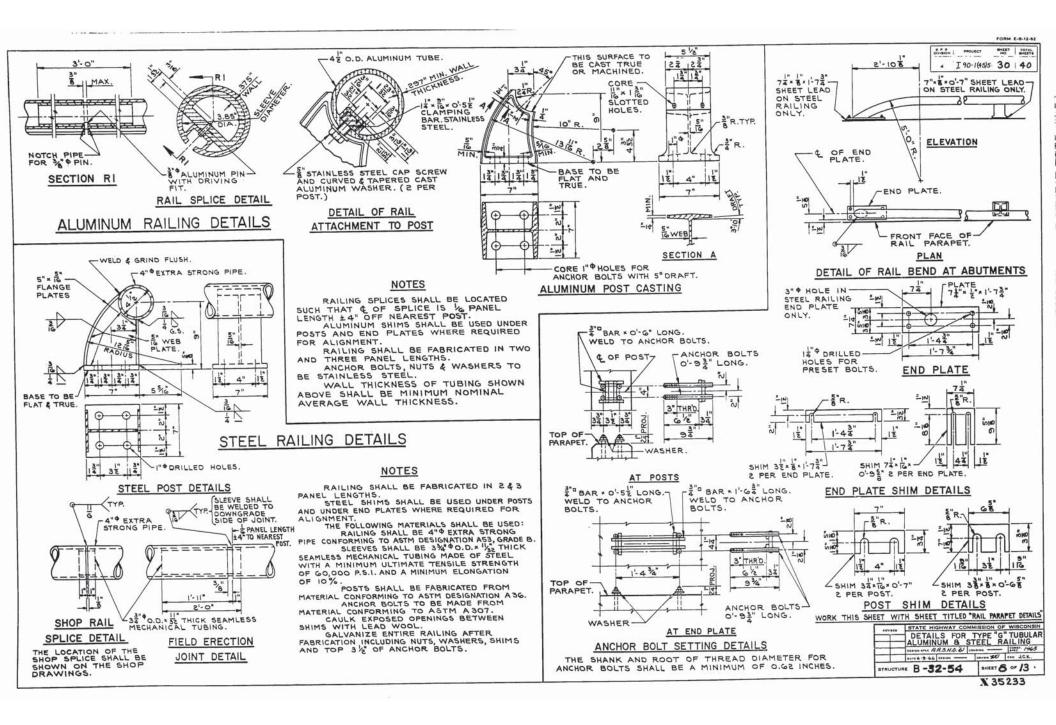
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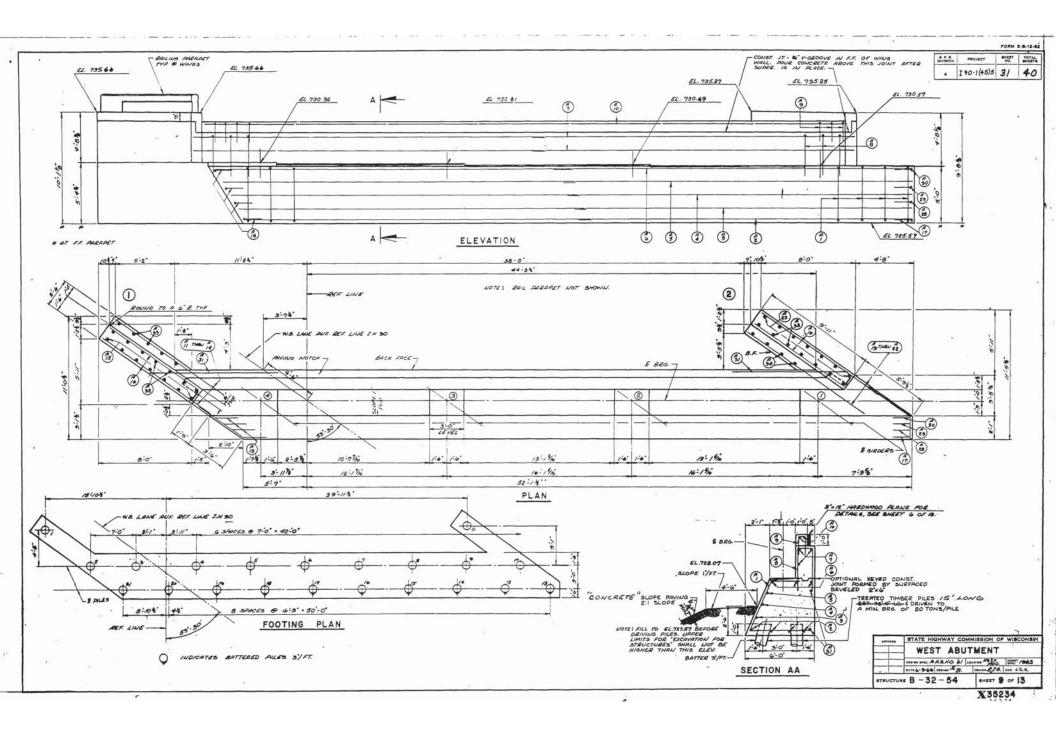


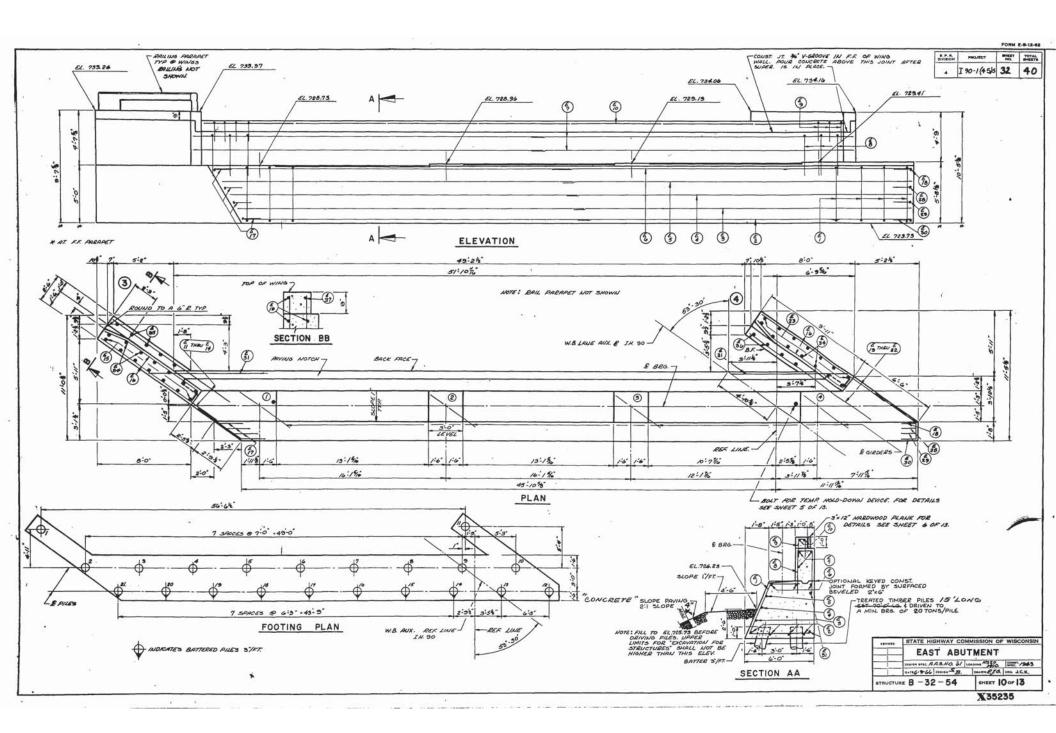


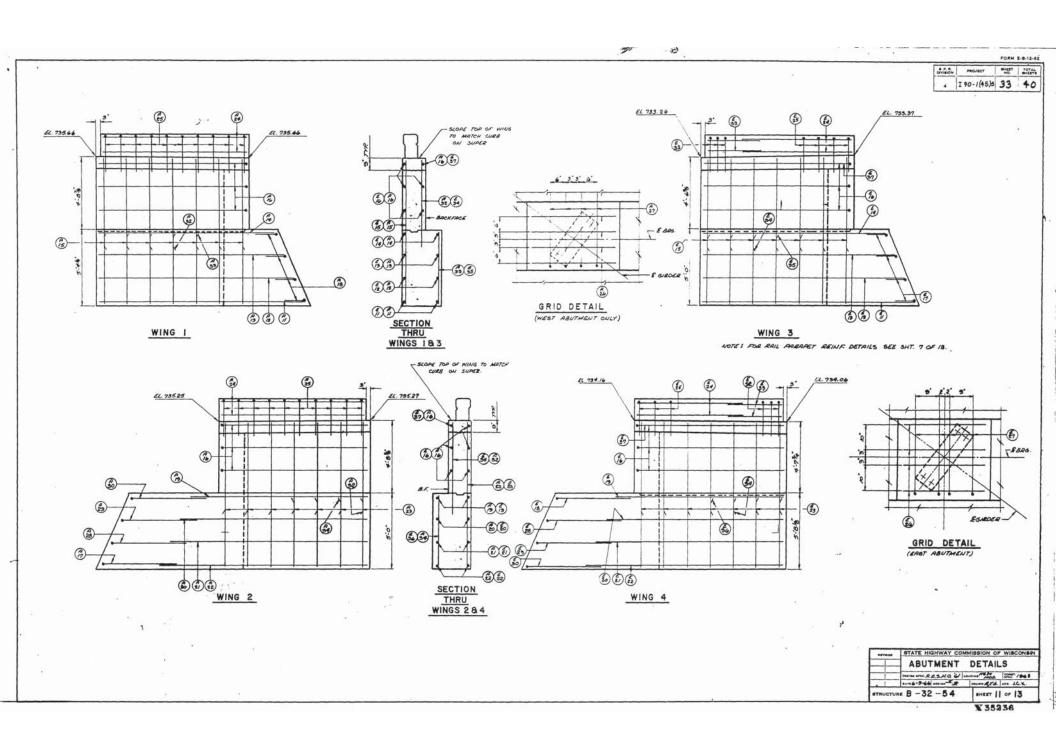


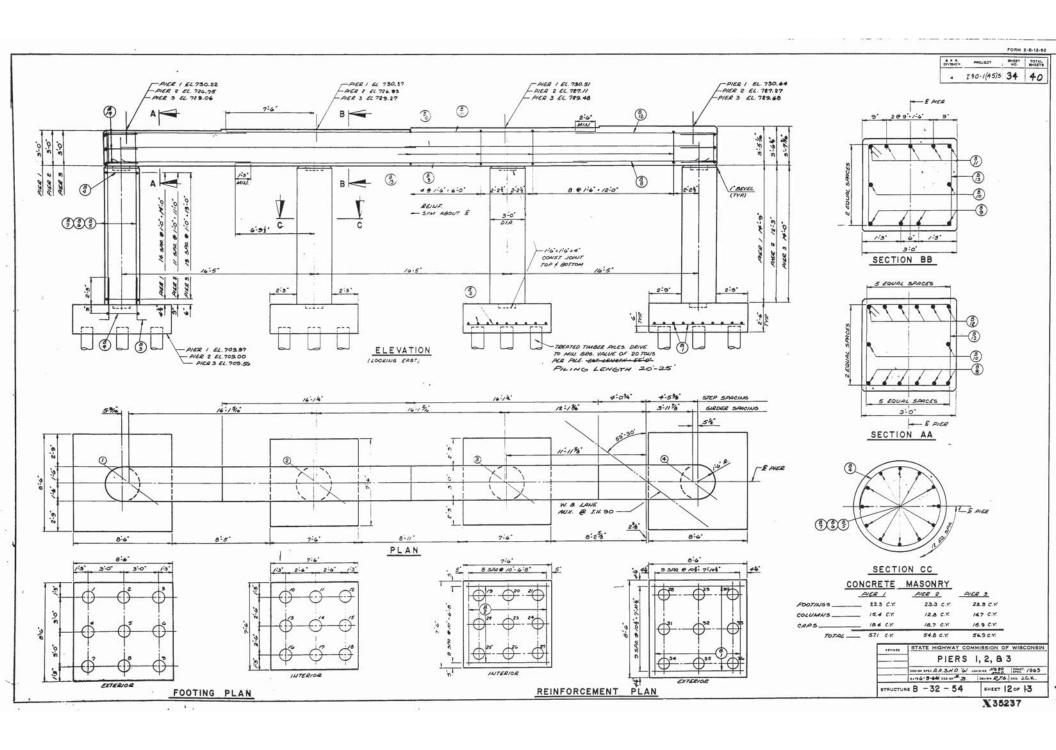


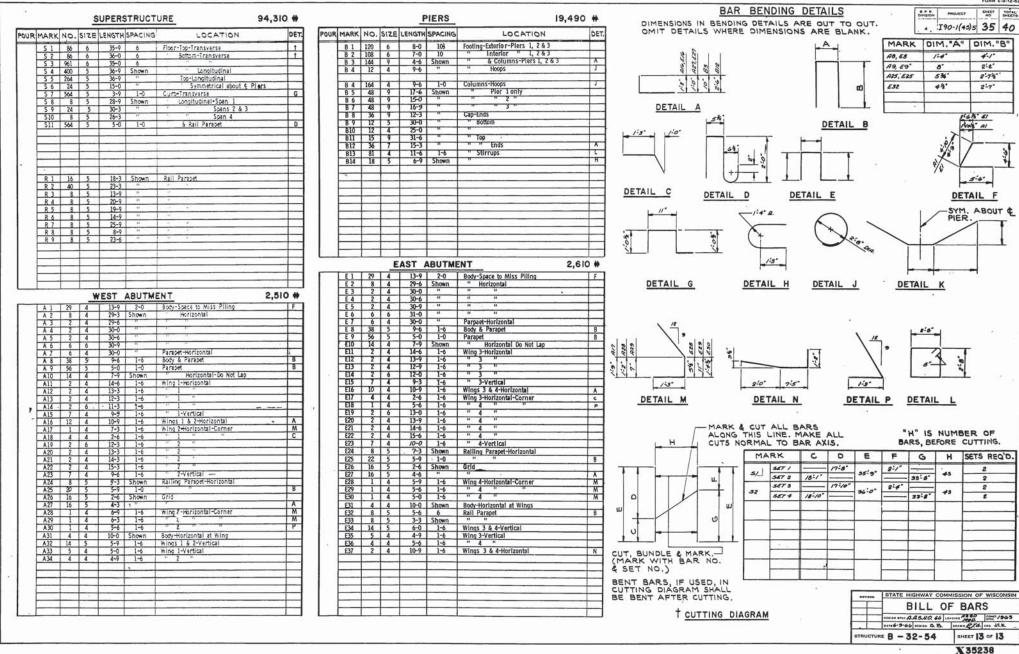


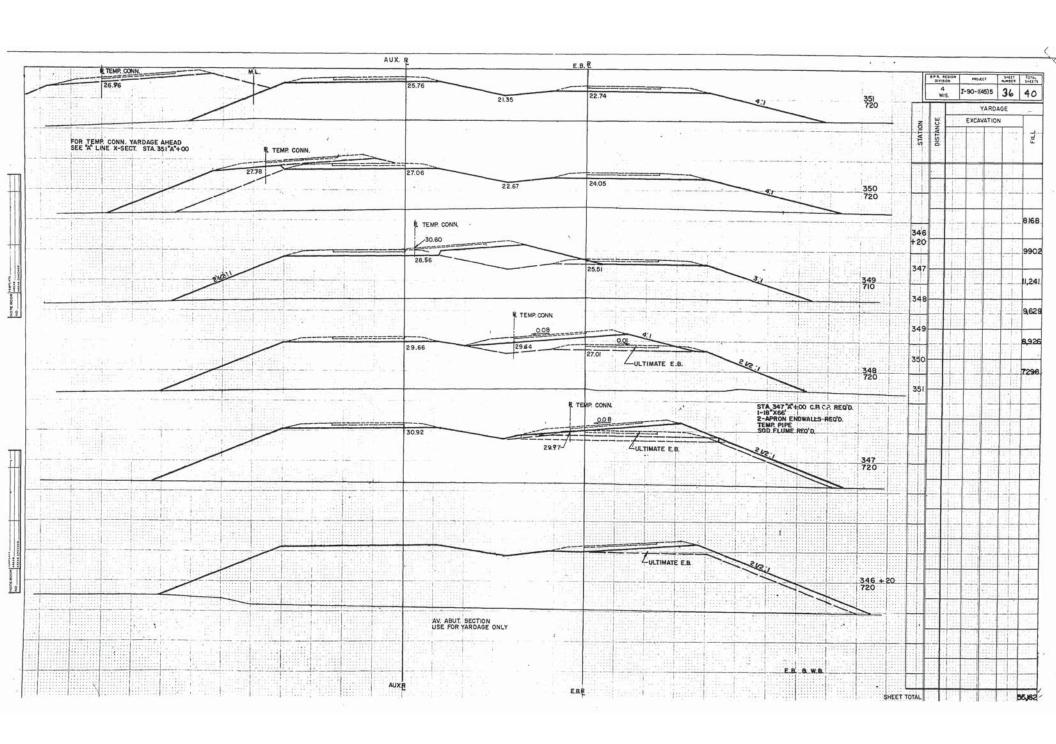




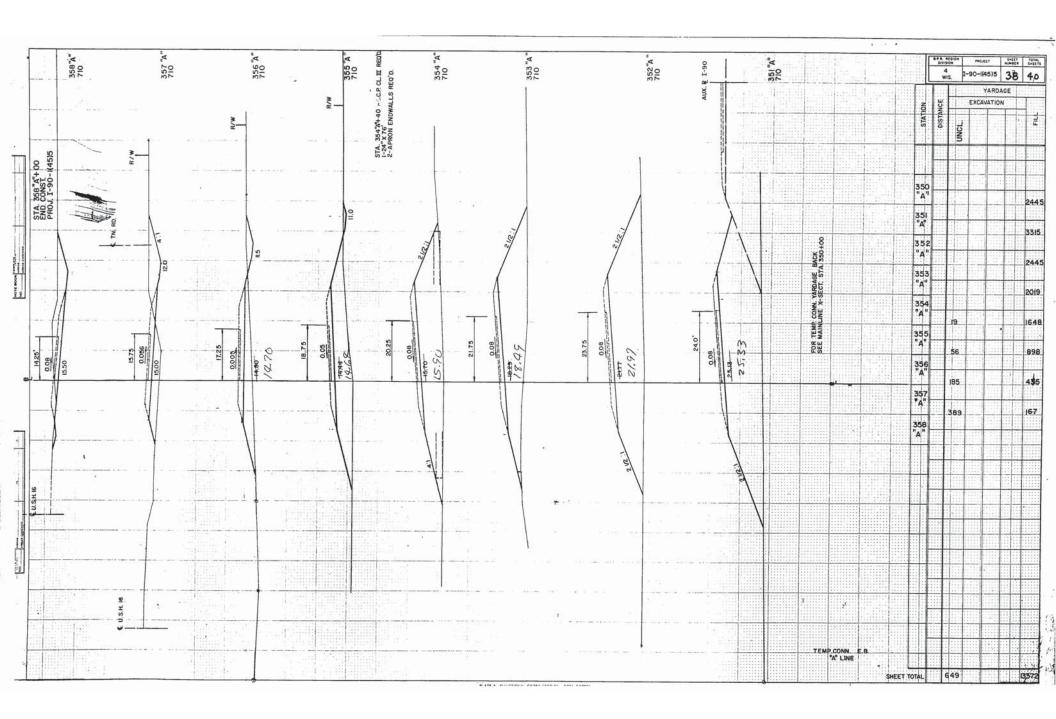


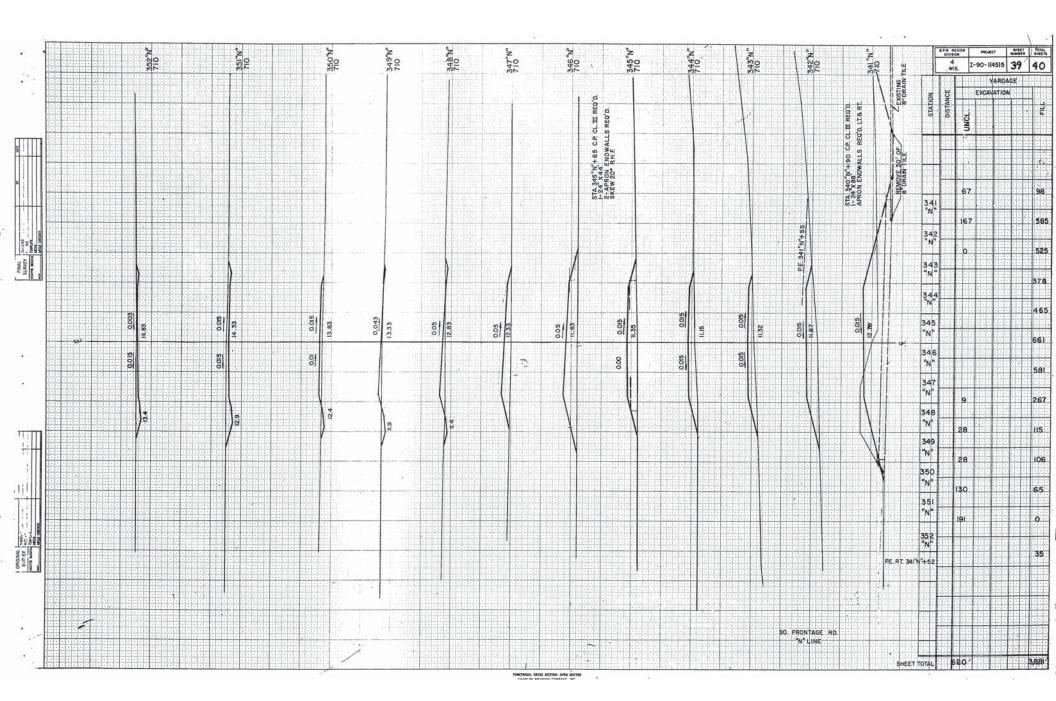






	AUX.		PLATE 3 FUNCTIONAL CROSS SECTION . OF NATIONAL TRACING PAPER DIVISIO	IN COTTED			State Proj. No.		Sheet Ma.	d
				ER R			, cur	T TOTAL		
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			19.18	20.56						
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The state of the s										
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					FA 754100			354		
				100000000000000000000000000000000000000				++		
	AUX. R			E.B.R				353		
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