

NOTE: ACQUIRE EASEMENTS FOR HIGHWAY PURPOSES EXCEPT AS OTHERWISE NOTED.

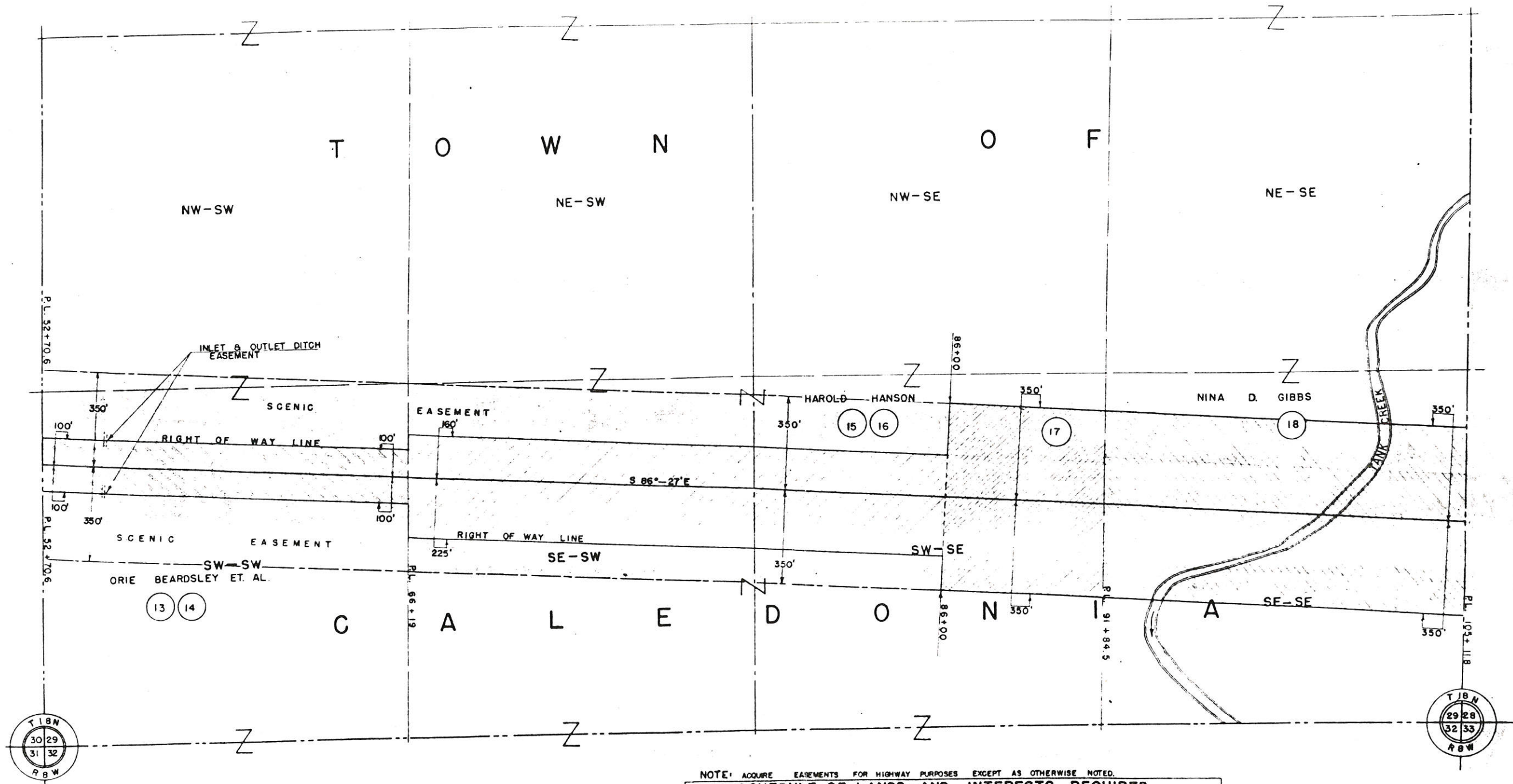
PAR.	OWNER	ACRES	INTEREST REQUIRED
1	WILLIAM H. RYDER	0.27	HIGHWAY EASEMENT
2	WILLIAM H. RYDER	—	RESTRICTIVE DEVELOPMENT EASEMENT
3	WILLIAM HANNAM	7.07	HWY. EASE, INLET & OUTLET DITCH EASE.
4	WILLIAM HANNAM	—	RESTRICTIVE DEVELOPMENT EASEMENT
5	ALBERT R. TOWNER	5.38	HIGHWAY EASEMENT
6	ALBERT R. TOWNER	—	RESTRICTIVE DEVELOPMENT EASEMENT
7	HUGH MC DONAH	3.04	HIGHWAY EASEMENT
8	HUGH MC DONAH	—	RESTRICTIVE DEVELOPMENT EASEMENT
9	ELBA MC DONAH	3.04	HIGHWAY EASEMENT
10	ELBA MC DONAH	—	RESTRICTIVE DEVELOPMENT EASEMENT
11	VILLAGE OF TREMPEALEAU	—	POLE EASEMENT RELEASE
12	DAIRYLAND POWER CO-OP.	—	POLE EASEMENT RELEASE

X = 1,634,597.044
 Y = 64,728.887
 + 550 FEET EAST + 7285 FT NORTH
 OF SW COR. OF SEC 30 T18N, R14W

STATE HIGHWAY COMMISSION OF WISCONSIN
 PLAT OF RIGHT OF WAY REQUIRED
 PROJECT S 0119(4)
 TREMPEALEAU - U.S.H. 53 ROAD
 S.T.H 93 TREMPEALEAU COUNTY
 SCALE 1" = 400 FEET
 LENGTH 3.124 MILES
 DATED MAR. 11, 1962
 FEB. 16, 1962

BEG. RELOC. ORDER PROJ. S 0119(4) STA. 0-46
 END RELOC. ORDER (BEG. RELOC. ORDER) PROJ. S 0119(4) PROJ. S 0119(3) STA. 164+50

COUNTY AND HIGHWAY	ROUTE AND SECTION	CLASS AND AGREEMENT		FEDERAL DIVISION OFFICE	SHEET NUMBER	TOTAL SHEETS
61.2	119.0		11.4	WIS. 5N	4.1	74



NOTE: ACQUIRE EASEMENTS FOR HIGHWAY PURPOSES EXCEPT AS OTHERWISE NOTED.

PAR.	OWNER	ACRES	INTEREST REQUIRED
13	ORIE BEARDSLEY ET. AL.	6.21	HWY. EASE, INLET & OUTLET DITCH EASE.
14	ORIE BEARDSLEY ET. AL.	—	RESTRICTIVE DEVELOPMENT EASEMENT
15	HAROLD HANSON	17.51	HIGHWAY EASEMENT
16	HAROLD HANSON	—	RESTRICTIVE DEVELOPMENT EASEMENT
17	HAROLD HANSON	9.39	FEE SIMPLE
18	NINA D. GIBBS	21.32	FEE SIMPLE

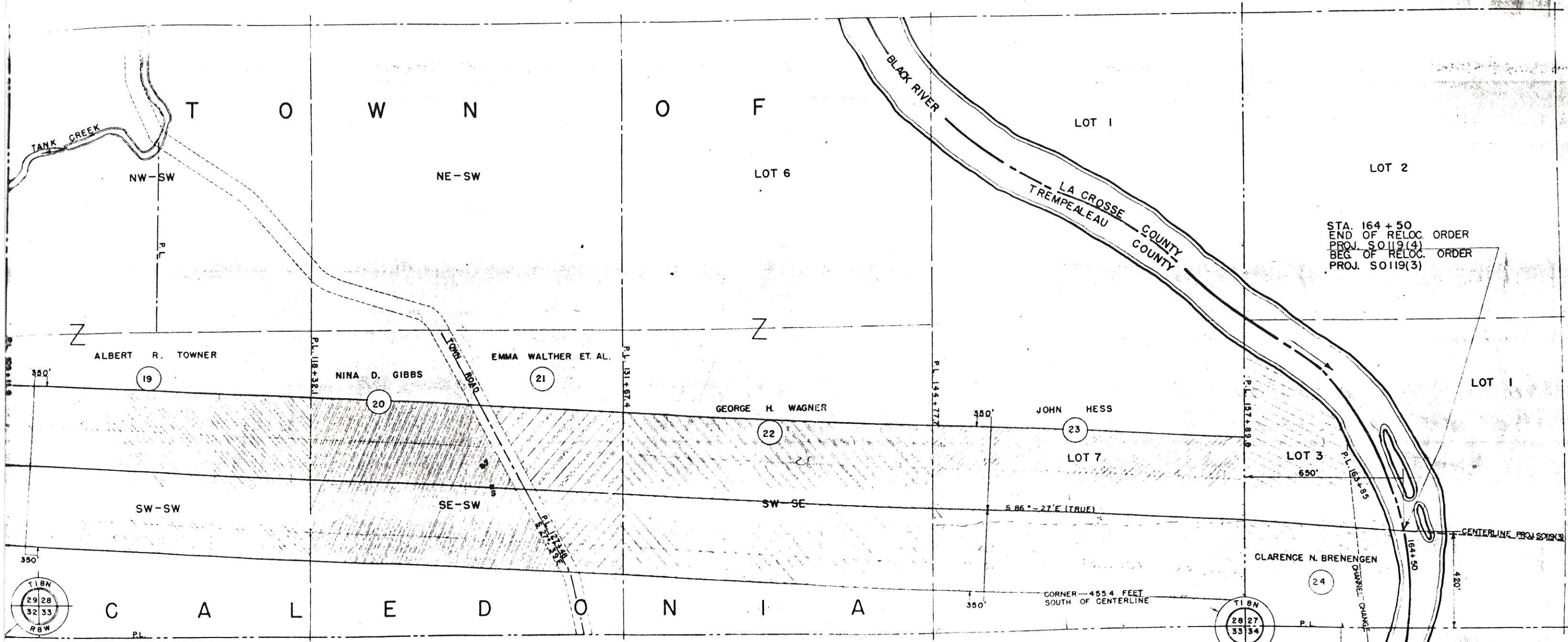
RESTRICTIVE DEVELOPMENT EASEMENTS TO BE ACQUIRED BY THE STATE HIGHWAY COMMISSION

STATE HIGHWAY COMMISSION OF WISCONSIN
 PLAT OF RIGHT OF WAY REQUIRED
 PROJECT S0119(4)
 TREMPLEAU— U.S.H. 53 ROAD
 S.T.H. 93 TREMPLEAU COUNTY

SCALE 400 FEET
 0 200 400
 LENGTH: MILES

MAR. 11, 1952
 DATED FEB. 19, 1952

COUNTY AND HIGHWAY	ROUTE AND SECTION	CLASS AND AGREEMENT		FEDERAL DIVISION OFFICE	SHEET NUMBER	TOTAL SHEETS
		STATE	FEDERAL			
61.2	119.0		11.4	WIS. 5N	42	74



STA. 164 + 50
 END OF RELOC. ORDER
 PROJ. S0119(4)
 BEG. OF RELOC. ORDER
 PROJ. S0119(3)

NOTE: ACQUIRE EASEMENTS FOR HIGHWAY PURPOSES EXCEPT AS OTHERWISE NOTED.

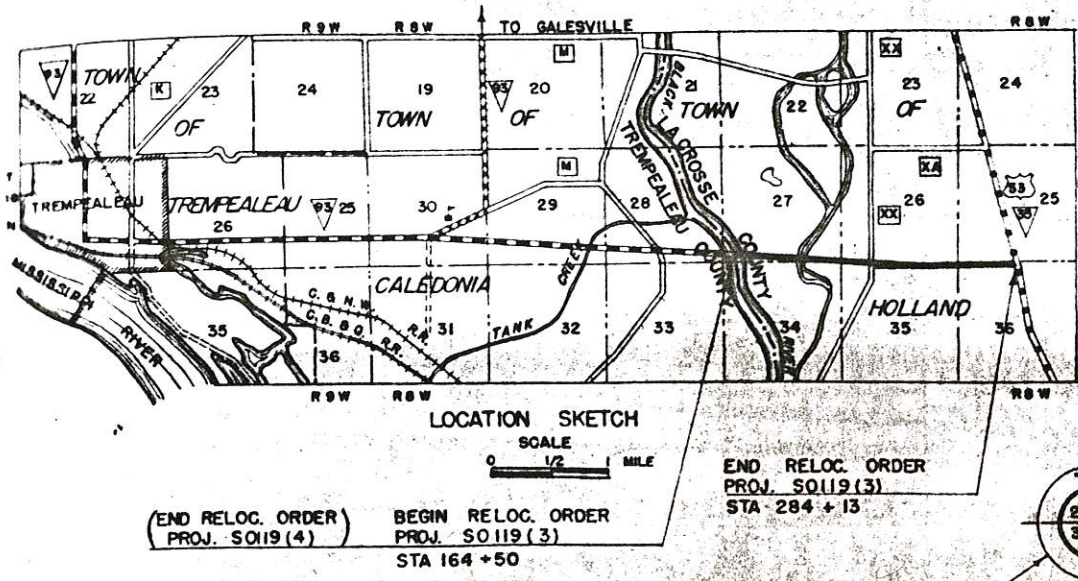
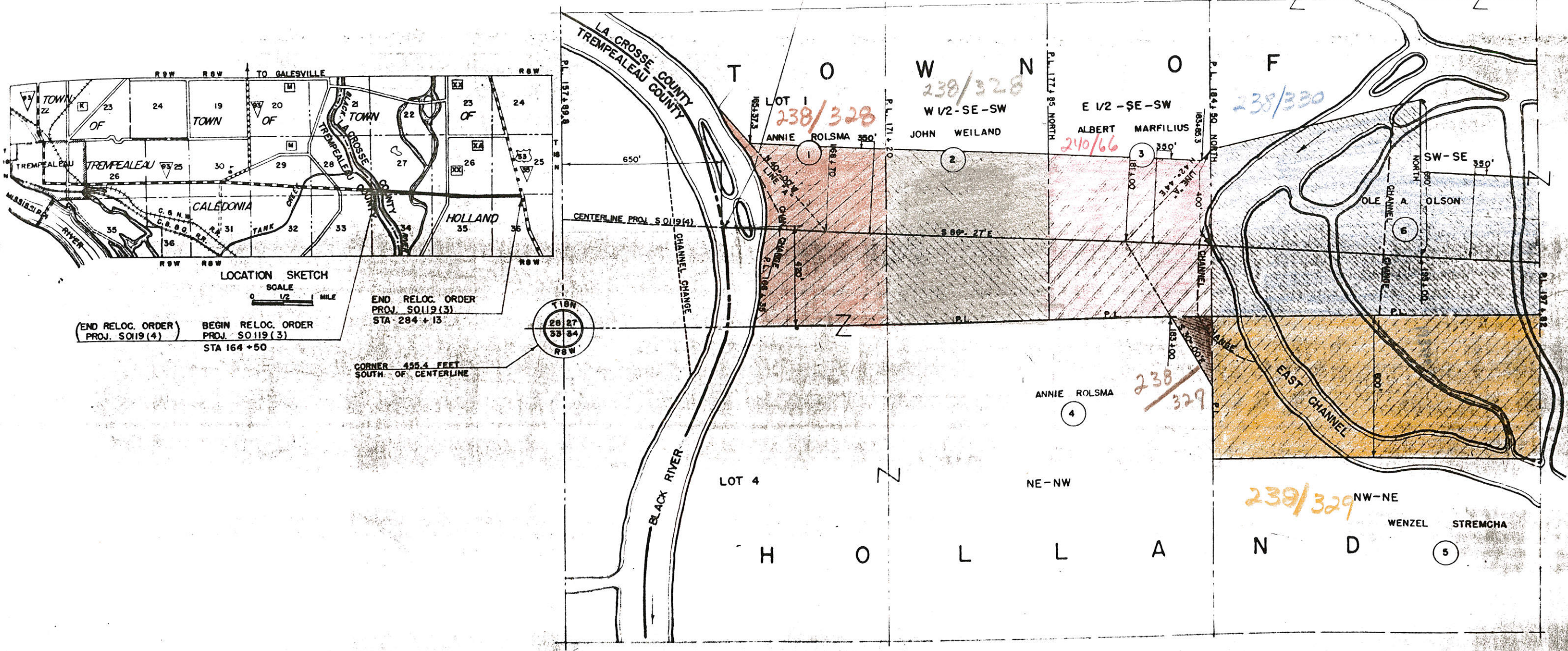
PAR.	OWNER	ACRES	INTEREST REQUIRED
19	ALBERT R. TOWNER	21.20	FEE SIMPLE
20	NINA D. GIBBS	14.20	FEE SIMPLE
21	EMMA WALTHER ET. AL.	6.20	FEE SIMPLE
22	GEORGE H. WAGNER	21.08	FEE SIMPLE
23	JOHN HESS	21.08	FEE SIMPLE
24	CHARLES N. BRENENGEN	8.80	FEE SIMPLE
30	U.S.A.-U.M.R. WILD LIFE & FISH REF.	1.00	HIGHWAY EASEMENT

STATE HIGHWAY COMMISSION OF WISCONSIN
 PLAT OF RIGHT OF WAY REQUIRED
 PROJECT S0119(4)
 TREMPÉALEAU — U.S.H. 53 ROAD
 S.T.H. 93 TREMPÉALEAU COUNTY
 SCALE 1" = 400 FEET
 MAR 11, 1952
 DATED FEB. 19, 1952

PAR 30 TO BE ACQUIRED BY THE STATE HIGHWAY COMMISSION

AND HIGHWAY	AND SECTION	STATE	FEDERAL	OFFICE	NUMBER	SHEETS
32.2	119.0		11.3	WIS. SN	4.0	

STA. 164+50
 BEG OF RELOC. ORDER
 PROJ. SO 119 (3)
 END OF RELOC. ORDER
 PROJ. SO 119 (4)

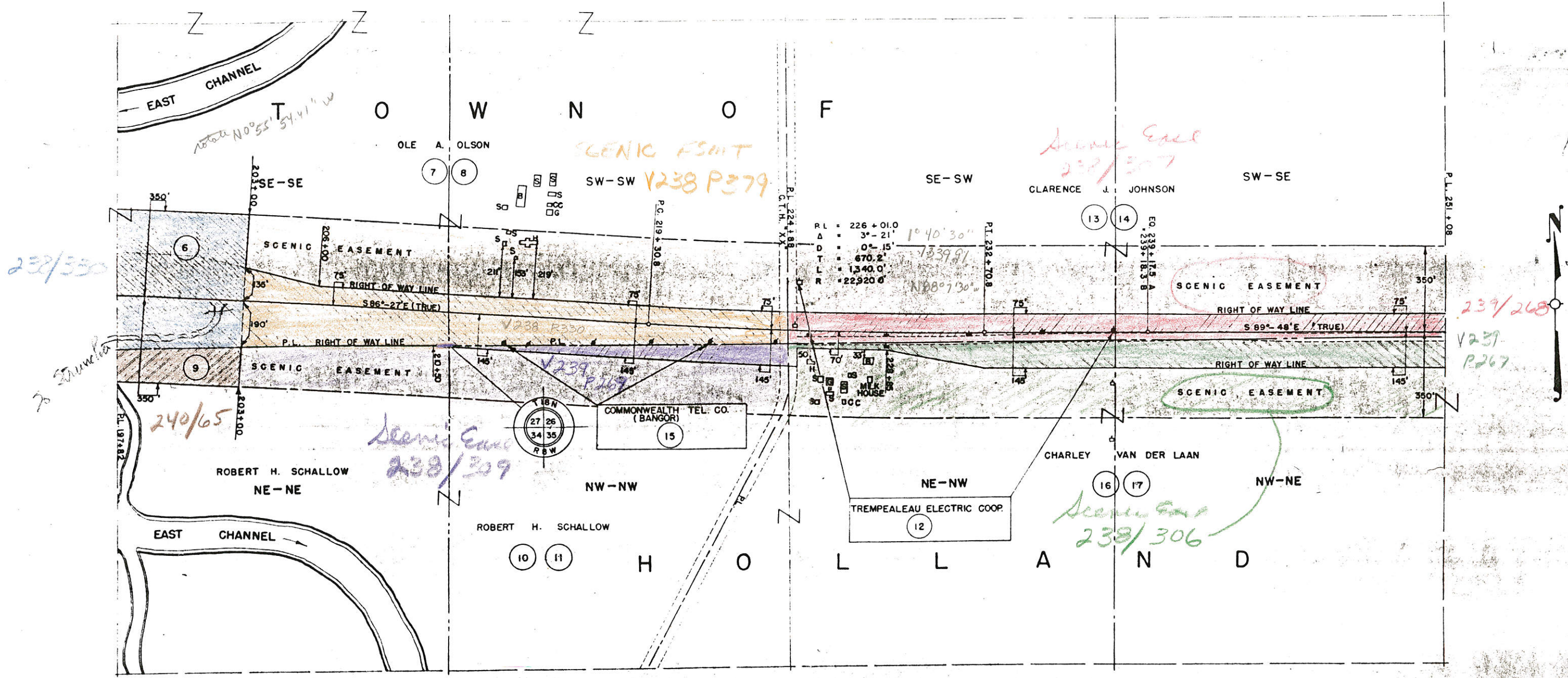


CORNER 455.4 FEET SOUTH OF CENTERLINE

NOTE: ACQUIRE EASEMENTS FOR HIGHWAY PURPOSES EXCEPT AS OTHERWISE NOTED.

PAR.	OWNER	ACRES	INTEREST REQUIRED
1	ANNIE ROLSMA	8.77	FEE SIMPLE
2	JOHN WEILAND	10.85	FEE SIMPLE
3	ALBERT MARFILIOUS	10.35	FEE SIMPLE
4	ANNIE ROLSMA	0.50	FEE SIMPLE
5	WENZEL STREMCHA	18.35	FEE SIMPLE
6	OLE A. OLSON	28.64	FEE SIMPLE

STATE HIGHWAY COMMISSION OF WISCONSIN
 PLAT OF RIGHT OF WAY REQUIRED
 PROJECT SO119(3)
 TREMPLEAU - U.S.H. 53 ROAD
 S.T.H. 93 LA CROSSE COUNTY
 SCALE 1" = 400 FEET
 LENGTH 2.744 M.F.S.
 MAR. 13, 1952
 DATED FEB. 19, 1952



NOTE: ACQUIRE EASEMENTS FOR HIGHWAY PURPOSES EXCEPT AS OTHERWISE NOTED.

PAR.	OWNER	ACRES	INTEREST REQUIRED
6	OLE A. OLSON	—	FEE SIMPLE
7	OLE A. OLSON	9.76	HIGHWAY EASEMENT
8	OLE A. OLSON	—	RESTRICTIVE DEVELOPMENT EASEMENT
9	ROBERT H. SCHALLOW	1.70	FEE SIMPLE
10	ROBERT H. SCHALLOW	1.83	HIGHWAY EASEMENT
11	ROBERT H. SCHALLOW	—	RESTRICTIVE DEVELOPMENT EASEMENT
12	TREMPEALEAU ELECTRIC COOP	—	POLE EASEMENT RELEASE
13	CLARENCE J. JOHNSON	4.80	HIGHWAY EASEMENT
14	CLARENCE J. JOHNSON	—	RESTRICTIVE DEVELOPMENT EASEMENT

15	COMMONWEALTH TEL. CO.	—	POLE EASEMENT RELEASE
16	CHARLEY VAN DER LAAN	9.24	HIGHWAY EASEMENT
17	CHARLEY VAN DER LAAN	—	RESTRICTIVE DEVELOPMENT EASEMENT

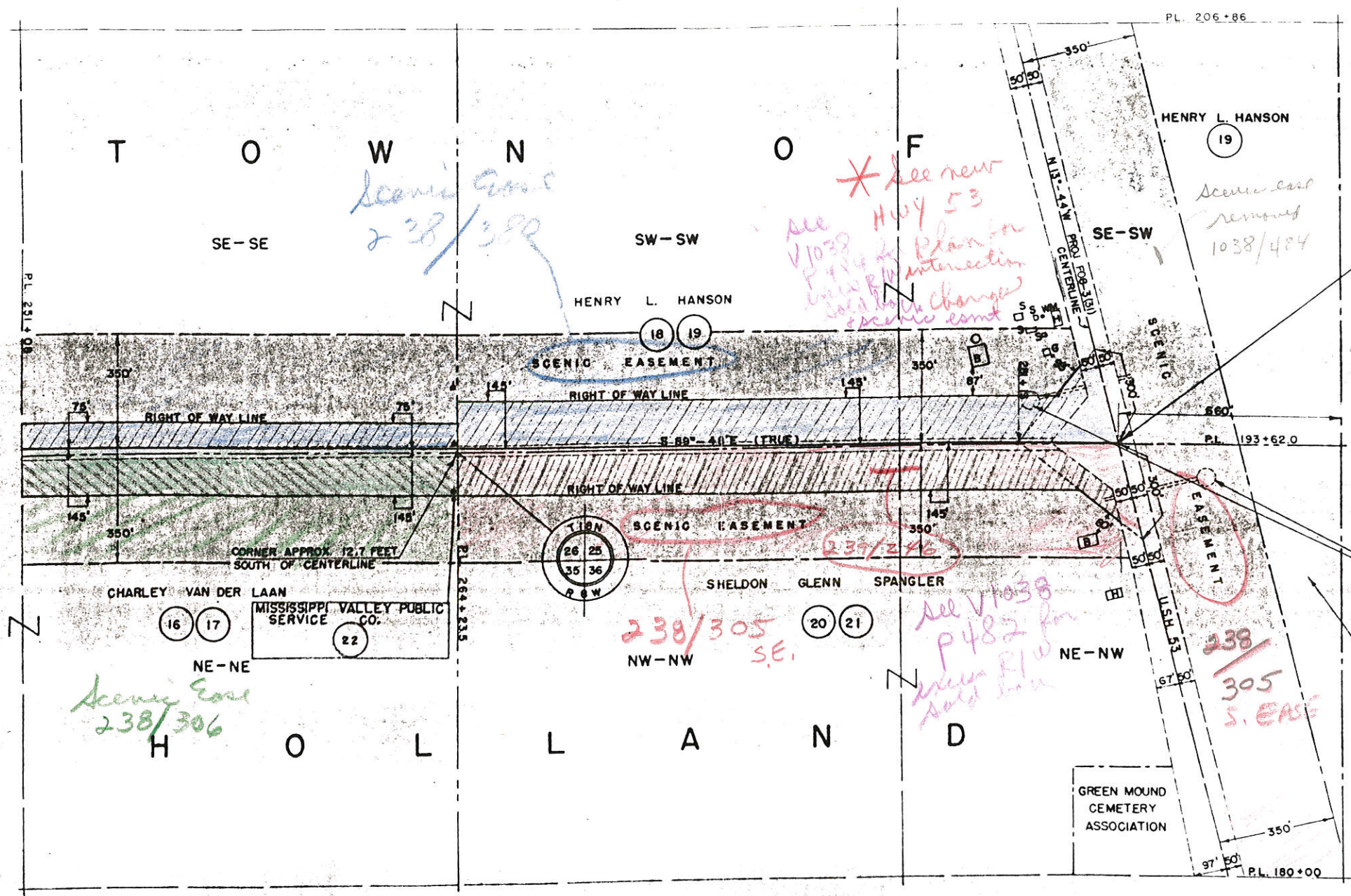
RESTRICTIVE DEVELOPMENT EASEMENTS TO BE ACQUIRED BY THE STATE HIGHWAY COMMISSION

STATE HIGHWAY COMMISSION OF WISCONSIN
 PLAT OF RIGHT OF WAY REQUIRED
 PROJECT S 0119(3)
 TREMPEALEAU - U.S.H. 53 ROAD
 S.T.H. 93 LA CROSSE COUNTY

SCALE 400 FEET
 LENGTH: MILES

MAR. 13, 1952
 DATED FEB. 19, 1952

24703



238/331

V239
P267

Scenic Easement
238/306

* See new
Hwy 53
Plan for
intersection
changes
scenic easmt

238/305
S.E.

See V1038
P482 for
new R/W
Hold line

238
305
S. EASE

STA. 284+13
END OF RELOC. ORDER
PROJ. S0119 (3)



NOTE: INLET, OUTLET DITCH, AND DRAINAGE
SUMP EASEMENTS ACQUIRED APRIL, 1950
PROJ. F08-3 (31)

SHELDON GLENN SPANGLER
21

NOTE: ACQUIRE EASEMENTS FOR HIGHWAY PURPOSES EXCEPT AS OTHERWISE NOTED.

PAR.	OWNER	ACRES	INTEREST REQUIRED
16	CHARLEY VAN DER LAAN	—	HIGHWAY EASEMENT
17	CHARLEY VAN DER LAAN	—	RESTRICTIVE DEVELOPMENT EASEMENT
18	HENRY L. HANSON	7.70	HIGHWAY EASEMENT
19	HENRY L. HANSON	—	RESTRICTIVE DEVELOPMENT EASEMENT
20	SHELDON GLENN SPANGLER	5.50	HIGHWAY EASEMENT
21	SHELDON GLENN SPANGLER	—	RESTRICTIVE DEVELOPMENT EASEMENT
22	MISSISSIPPI VALLEY PUB. SERVICE CO.	—	POLE EASEMENT RELEASE

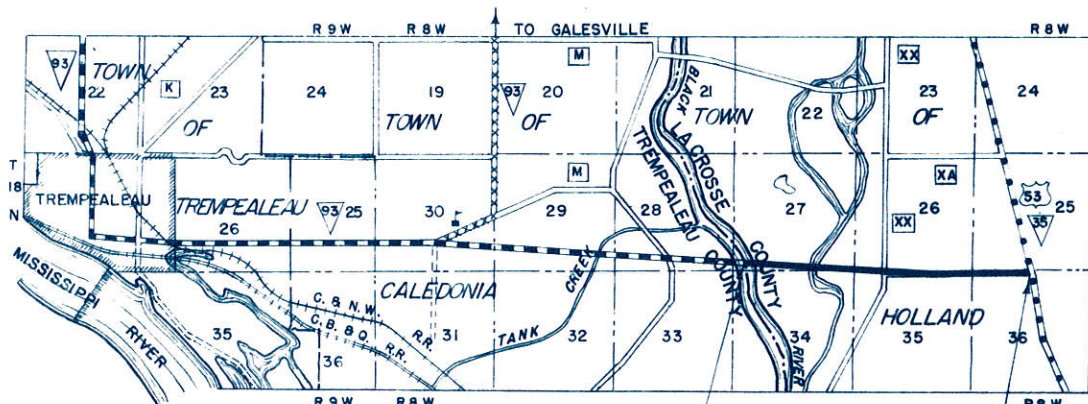
RESTRICTIVE DEVELOPMENT EASEMENTS TO BE ACQUIRED BY THE STATE HIGHWAY COMMISSION

STATE HIGHWAY COMMISSION OF WISCONSIN
 PLAT OF RIGHT OF WAY REQUIRED
 PROJECT S 0119(3)
 TREMPPEALEAU — U.S.H. 53 ROAD
 S.T. 4 93 LA CROSSE COUNTY

SCALE 400 FEET
 LENGTH: 0 200
 MAR 13, 1952
 DATED FEB 18, 1952

COUNTY AND HIGHWAY	ROUTE AND SECTION	CLASS AND AGREEMENT		FEDERAL DIVISION OFFICE	SHEET NUMBER	TOTAL SHEETS
		STATE	FEDERAL			
32.2	119.0		11.3	WIS. 5N	4.0	

STA. 164 + 50
 BEG. OF RELOC. ORDER
 PROJ. SO119 (3)
 END OF RELOC. ORDER
 PROJ. SO119 (4)



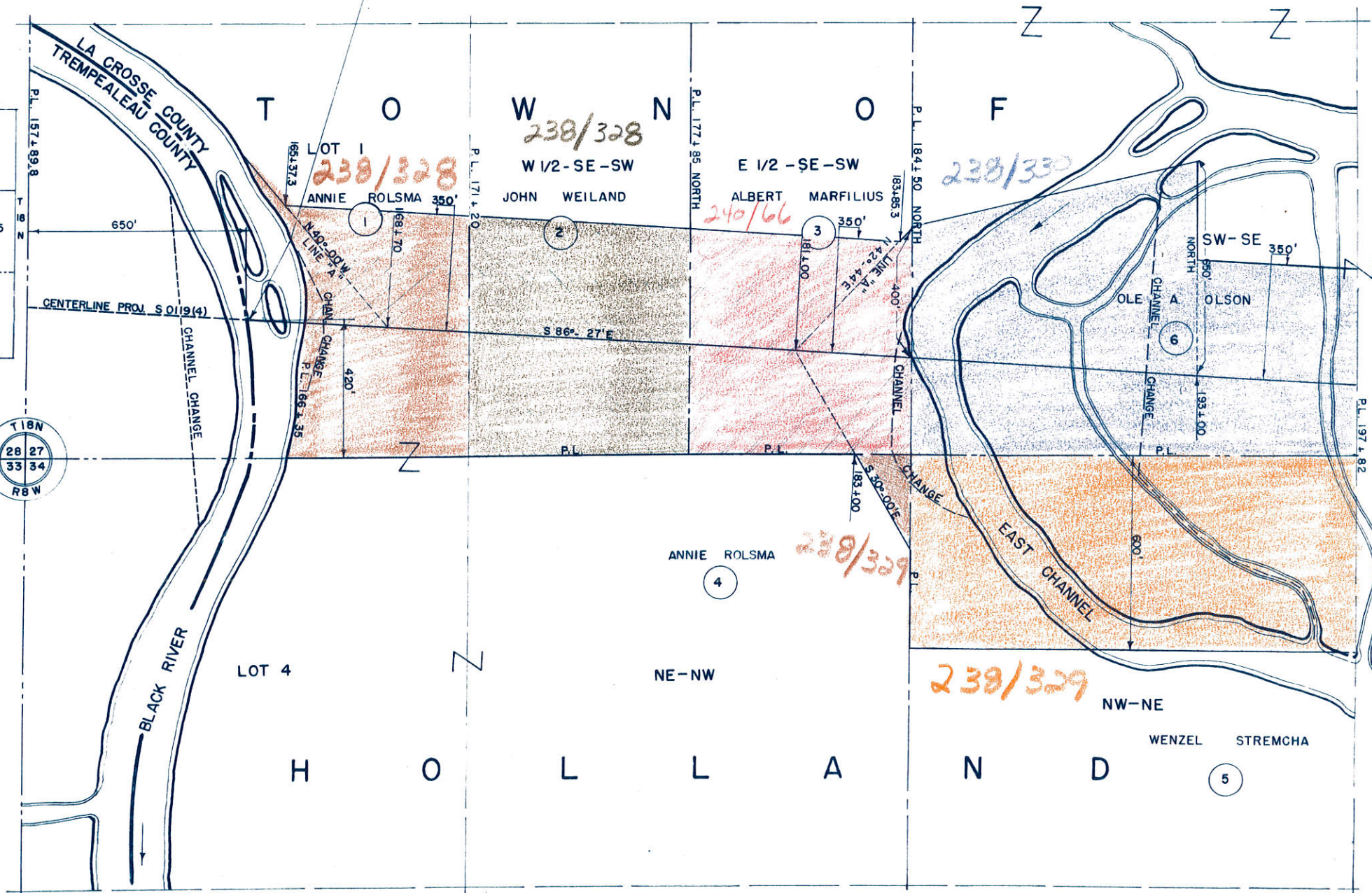
LOCATION SKETCH

SCALE
 0 1/2 MILE

(END RELOC. ORDER) PROJ. SO119 (4)
 BEGIN RELOC. ORDER PROJ. SO119 (3)
 STA 164 + 50

END RELOC. ORDER
 PROJ. SO119 (3)
 STA 284 + 13

CORNER 455.4 FEET
 SOUTH OF CENTERLINE



NOTE: ACQUIRE EASEMENTS FOR HIGHWAY PURPOSES EXCEPT AS OTHERWISE NOTED.

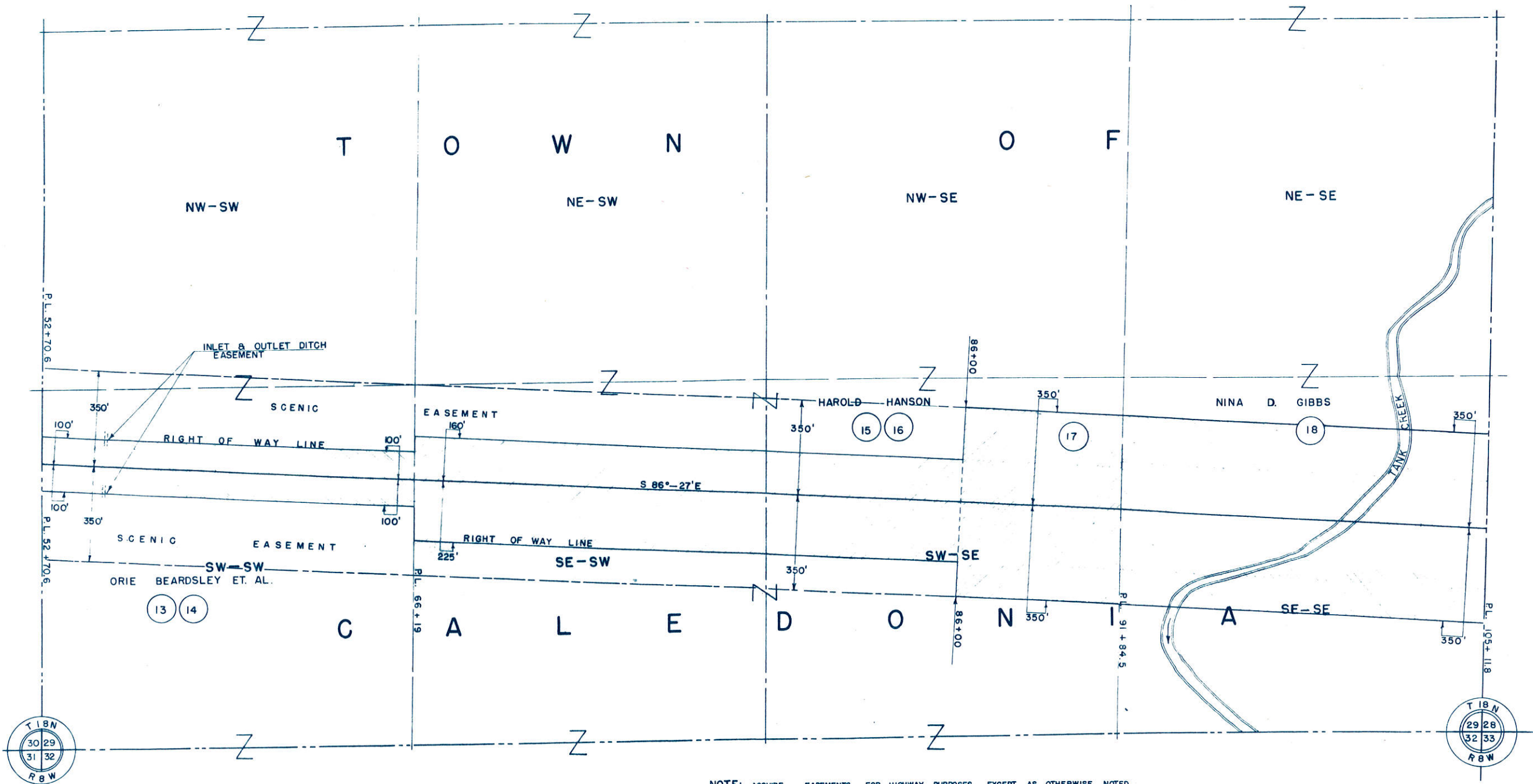
SCHEDULE OF LANDS AND INTERESTS REQUIRED			
PAR.	OWNER	ACRES	INTEREST REQUIRED
1	ANNIE ROLSMA	8.77	FEE SIMPLE
2	JOHN WEILAND	10.85	FEE SIMPLE
3	ALBERT MARFILIOUS	10.35	FEE SIMPLE
4	ANNIE ROLSMA	0.50	FEE SIMPLE
5	WENZEL STREMCHA	18.35	FEE SIMPLE
6	OLE A. OLSON	28.64	FEE SIMPLE

STATE HIGHWAY COMMISSION OF WISCONSIN
 PLAT OF RIGHT OF WAY REQUIRED
 PROJECT SO119(3)
 TREMPLEALEAU - U.S.H. 53 ROAD
 S.T.H. 93 LA CROSSE COUNTY

SCALE
 0 100 200 400 FEET

LENGTH = 2.744 MILES DATED MAR. 13, 1952
 FEB. 19, 1952

COUNTY AND HIGHWAY	ROUTE AND SECTION	CLASS AND AGREEMENT	FEDERAL DIVISION OFFICE	SHEET NUMBER	TOTAL SHEETS
61.2	119.0	11.4	WIS. 5N	4.1	



NOTE: ACQUIRE EASEMENTS FOR HIGHWAY PURPOSES EXCEPT AS OTHERWISE NOTED.

PAR.	OWNER	ACRES	INTEREST REQUIRED
13	ORIE BEARDSLEY ET AL.	6.21	HWY. EASE, INLET & OUTLET DITCH EASE.
14	ORIE BEARDSLEY ET AL.	—	RESTRICTIVE DEVELOPMENT EASEMENT
15	HAROLD HANSON	17.51	HIGHWAY EASEMENT
16	HAROLD HANSON	—	RESTRICTIVE DEVELOPMENT EASEMENT
17	HAROLD HANSON	9.39	FEE SIMPLE
18	NINA D. GIBBS	21.32	FEE SIMPLE

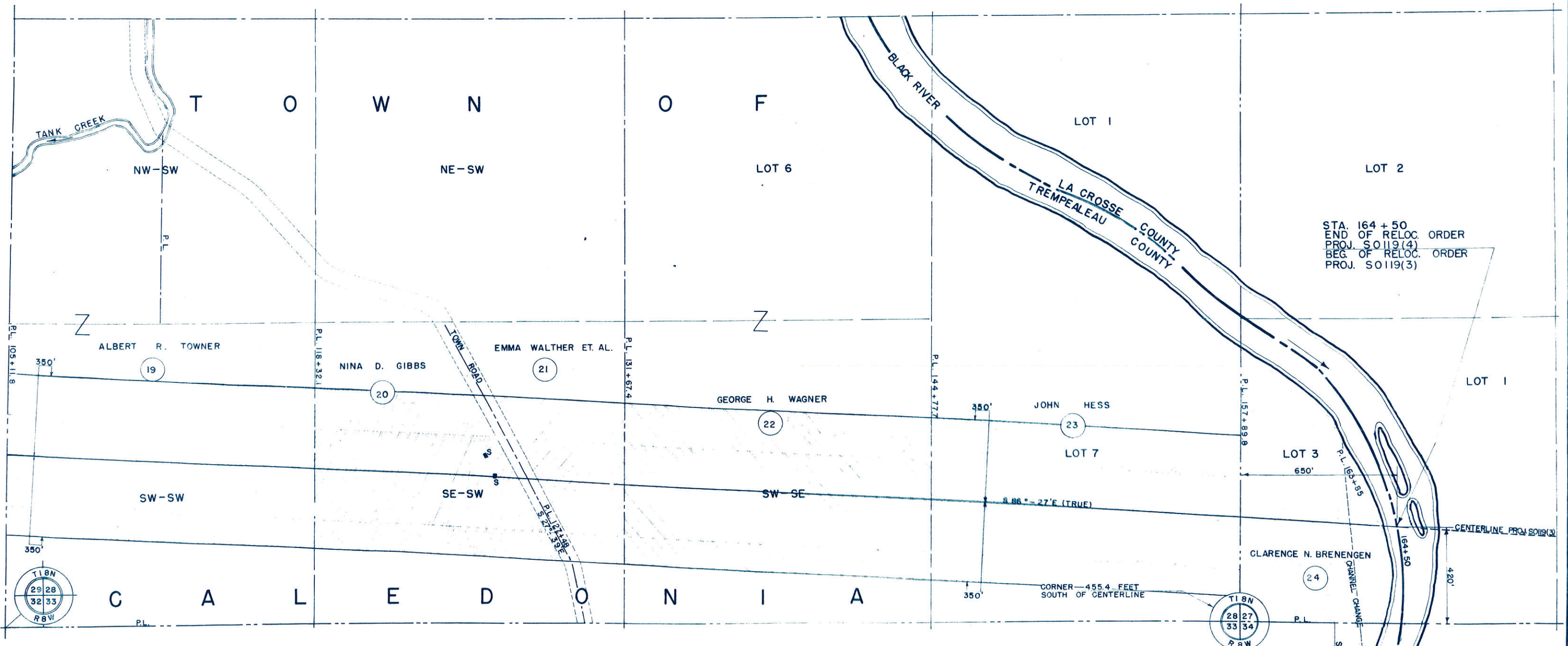
RESTRICTIVE DEVELOPMENT EASEMENTS TO BE ACQUIRED BY THE STATE HIGHWAY COMMISSION

STATE HIGHWAY COMMISSION OF WISCONSIN
 PLAT OF RIGHT OF WAY REQUIRED
 PROJECT S 0119(4)
 TREMPLEAU— U.S.H. 53 ROAD
 S.T.H. 93 TREMPLEAU COUNTY

SCALE 400 FEET
 0 100 200 400
 LENGTH= MILES

MAR. 11, 1952
 DATED FEB. 19, 1952

COUNTY AND HIGHWAY	ROUTE AND SECTION	CLASS AND AGREEMENT		FEDERAL DIVISION OFFICE	SHEET NUMBER	TOTAL SHEETS
		STATE	FEDERAL			
61.2	119.0		11.4	WIS. 5N	4.2	



NOTE: ACQUIRE EASEMENTS FOR HIGHWAY PURPOSES EXCEPT AS OTHERWISE NOTED.

SCHEDULE OF LANDS AND INTERESTS REQUIRED			
PAR.	OWNER	ACRES	INTEREST REQUIRED
19	ALBERT R. TOWNER	21.20	FEE SIMPLE
20	NINA D. GIBBS	14.20	FEE SIMPLE
21	EMMA WALTHER ET. AL.	6.20	FEE SIMPLE
22	GEORGE H. WAGNER	21.08	FEE SIMPLE
23	JOHN HESS	21.08	FEE SIMPLE
24	CHARLES N. BRENINGEN	8.80	FEE SIMPLE
30	U.S.A.-U.M.R. WILD LIFE & FISH REF.	1.00	HIGHWAY EASEMENT

STATE HIGHWAY COMMISSION OF WISCONSIN
 PLAT OF RIGHT OF WAY REQUIRED
 PROJECT S0119(4)
 TREMPLEALEAU — U.S.H. 53 ROAD
 S.T.H. 93 TREMPLEALEAU COUNTY

SCALE
 100 FEET
 400 FEET

LENGTH = MILES

MAR. 11, 1952
 DATED FEB. 19, 1952

PAR. 30 TO BE ACQUIRED BY THE STATE HIGHWAY COMMISSION

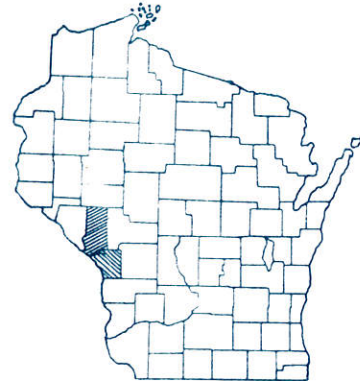
COUNTY AND HIGHWAY	ROUTE AND SECTION	CLASS AND AGREEMENT		FEDERAL DIVISION OFFICE	SHEET NUMBER
		STATE	FEDERAL		
72.2	119.0		11.5	WIS. 5N	1

INDEX OF SHEETS

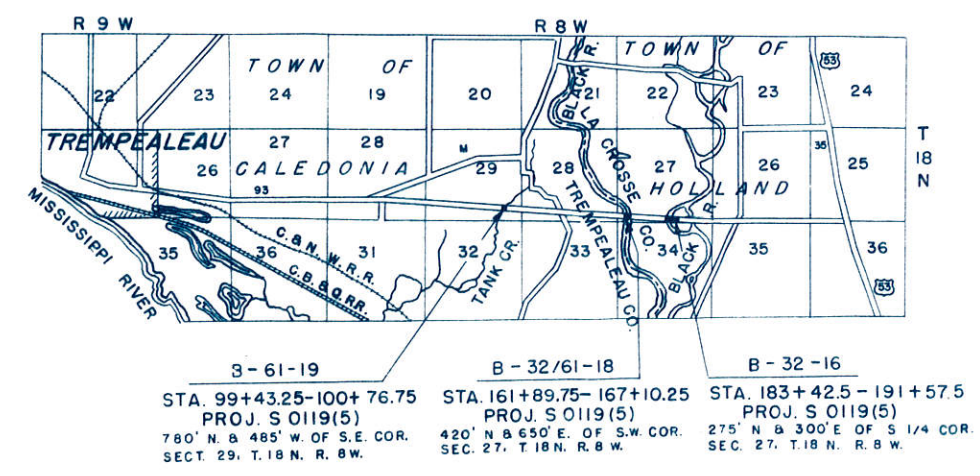
SHEET NO. 1	TITLE
SHEET NO. 2	TYPICAL CROSS SECTIONS
SHEET NO. 3	ESTIMATE OF QUANTITIES
SHEET NO. —	MISCELLANEOUS QUANTITIES
SHEET NO. 4-42	RIGHT OF WAY PLAT
SHEET NO. 5-7	PLAN AND PROFILE STA. TO STA.
SHEET NO. —	STANDARD DETAILS
SHEET NO. 8-27	DRAINAGE STRUCTURES
SHEET NO. —	CROSS SECTIONS

STATE OF WISCONSIN
STATE HIGHWAY COMMISSION OF WISCONSIN

PLAN AND PROFILE OF PROPOSED
TREMPEALEAU — U.S.H. 53
 TREMPEALEAU AND LA CROSSE COUNTIES
 PROJECT S 0119(5)



PLAN 1 IN. = 100 FT.
 PROFILE HOR. 1 IN. = 100 FT. VERT. 1 IN. = 10 FT.



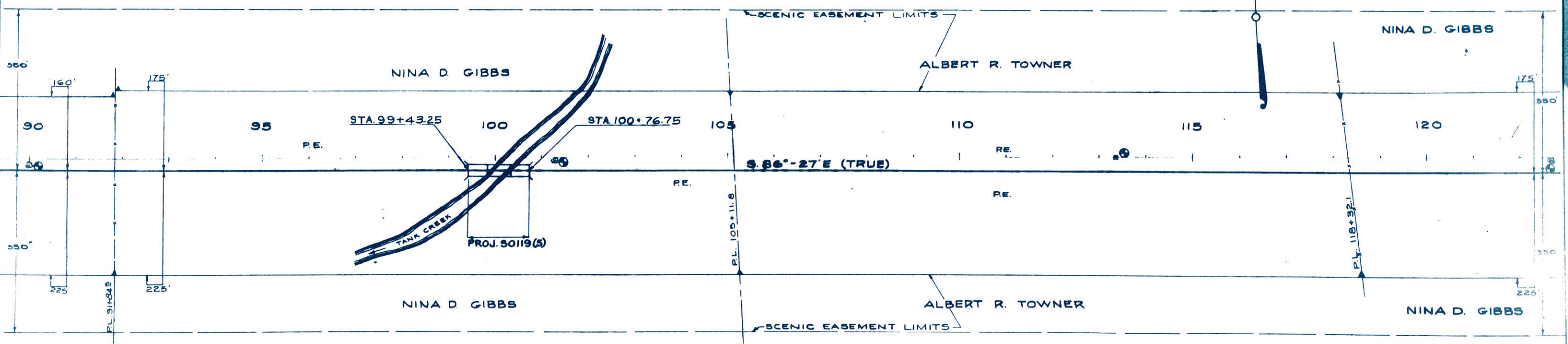
CONVENTIONAL SIGNS

STATE LINE	-----	CULVERTS IN PLACE	-----
COUNTY LINE	-----	CULVERTS REQUIRED	-----
TOWNSHIP OR RANGE LINE	-----	DROP INLET	□
SECTION LINE	-----	POWER POLE	—●—
NEW RIGHT OF WAY LINE	-----	TELEPHONE OR TELEGRAPH POLE	—○—
PRESENT RIGHT OF WAY LINE	-----	RIGHT OF WAY MARKERS	—▲—
WIRE FENCE { WOVEN	-----	REFERENCE STAKE FOR HUBS ONLY	—▲—
{ BARBED	-----	MARSH	—▲—
LOT LINE	-----	HEDGE	—▲—
CORPORATE OR CITY LIMITS	-----	TREES	—▲—
PROPERTY LINE	-----	GROUND ELEVATION	DATUM LINE 73.9
TRAVELED WAY OR P.E.	-----	GRADE ELEVATION	DATUM LINE 73.9
RAILROADS	-----		
BASE OR SURVEY LINE	-----		

LAYOUT
 SCALE 1 MILE

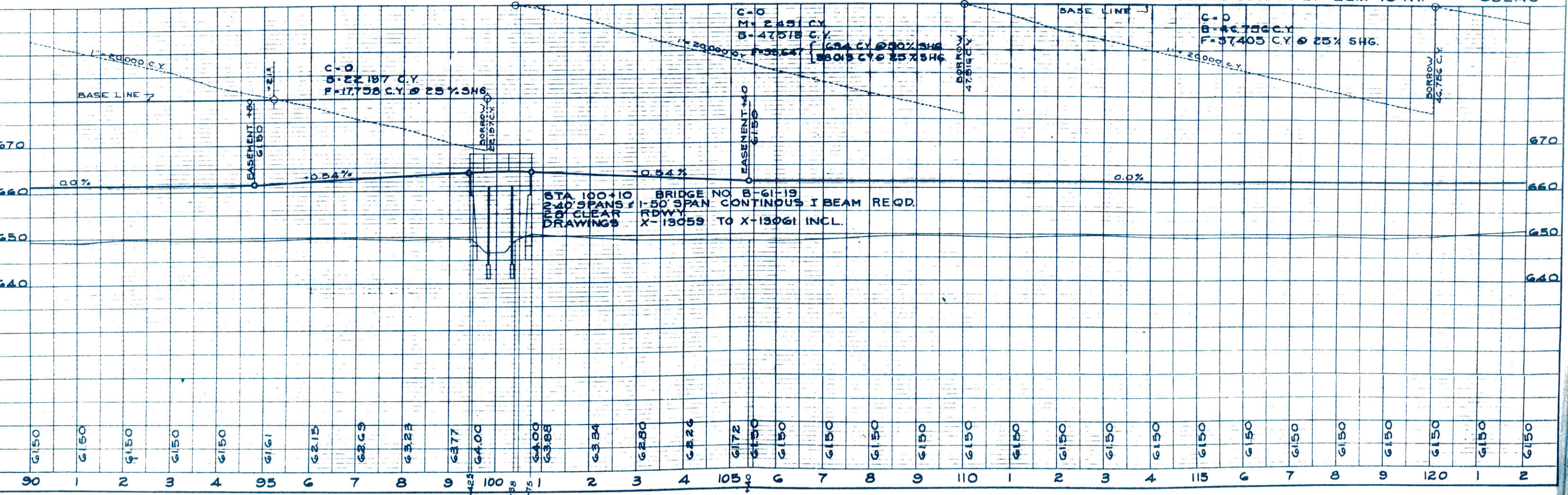
TOTAL NET LENGTH OF CENTERLINE = 0.278 MI.

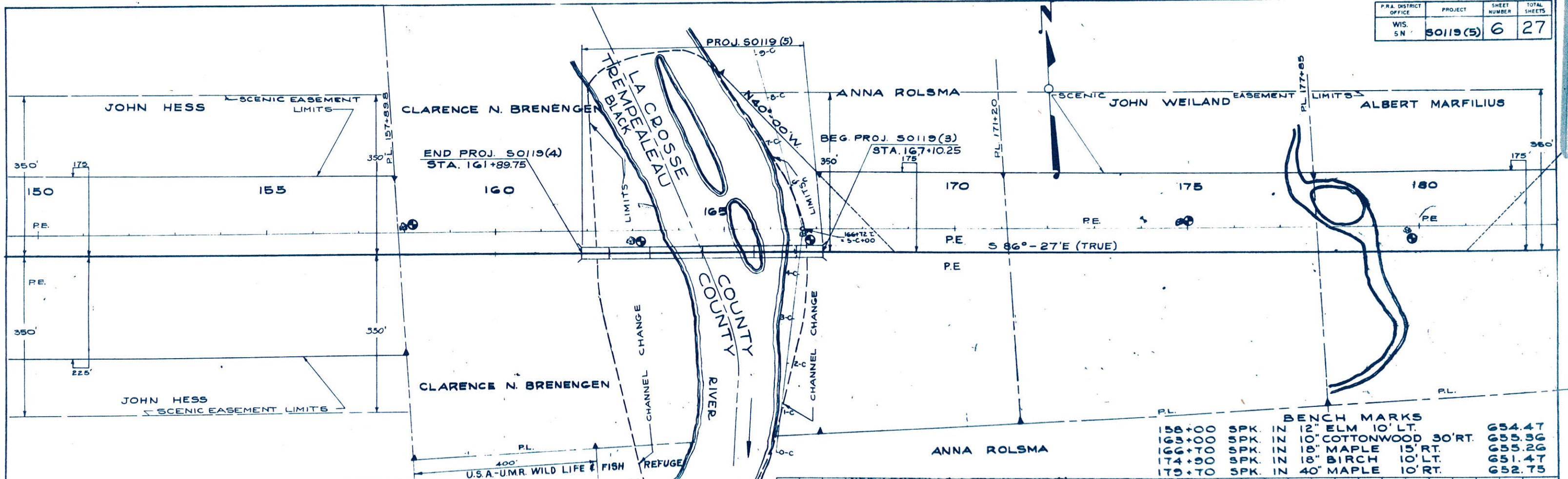
STATE HIGHWAY COMMISSION OF WISCONSIN MADISON, WIS.		DEPARTMENT OF COMMERCE BUREAU OF PUBLIC ROADS
SURVEYOR: E.C.G. NOTE BOOK: 8779-80		
DIVISION COMPUTER: E.C.K. M.O. CHECKER		
DIVISION CHECKER: R.C.J. CORRECT		
CORRECT:		RECOMMENDED FOR APPROVAL:
DATE: 2/28/52	T.M. Reynolds DIVISION ENGINEER	DISTRICT ENGINEER
RECOMMENDED FOR APPROVAL:		APPROVED:
DATE: 3/12/52	A. J. Phelps CONSTRUCTION ENGINEER	
APPROVED:		DIVISION ENGINEER
DATE: 3/13/52	E.C. Reynolds STATE HIGHWAY ENGINEER	



BENCH MARKS

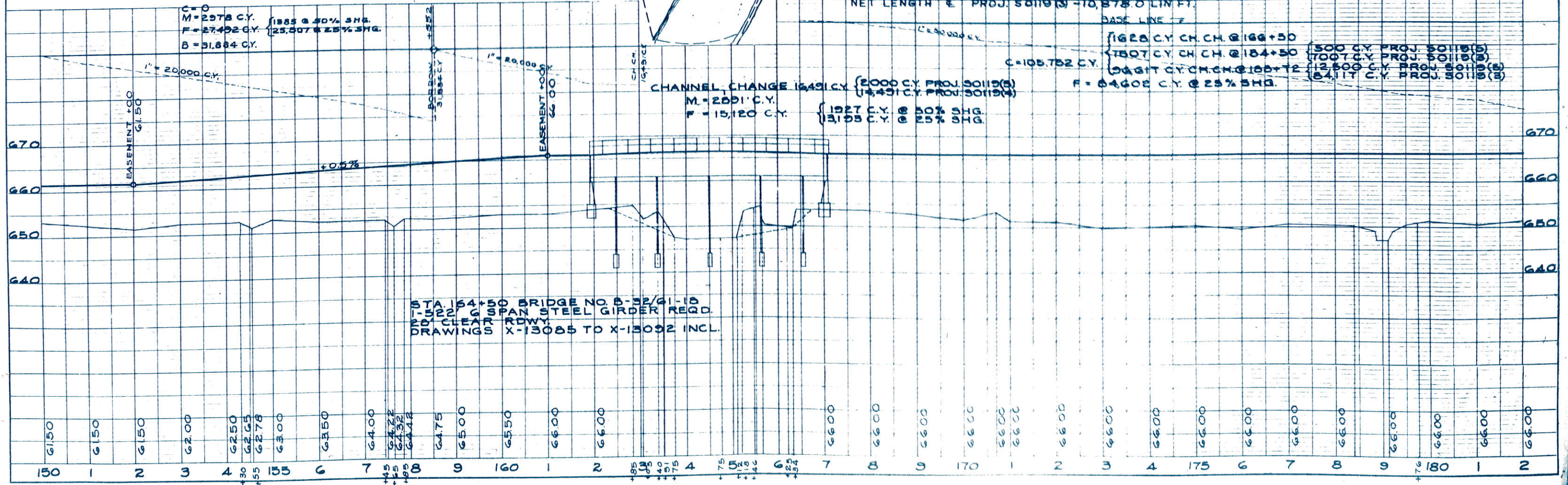
91+00 SPK. IN 28" ELM 15' RT.	651.39
101+30 SPK. IN 24" ELM 2' RT.	652.91
118+85 SPK. IN 10" OAK STUMP L	650.42
122+60 SPK. IN 21" ELM 10' RT.	652.45

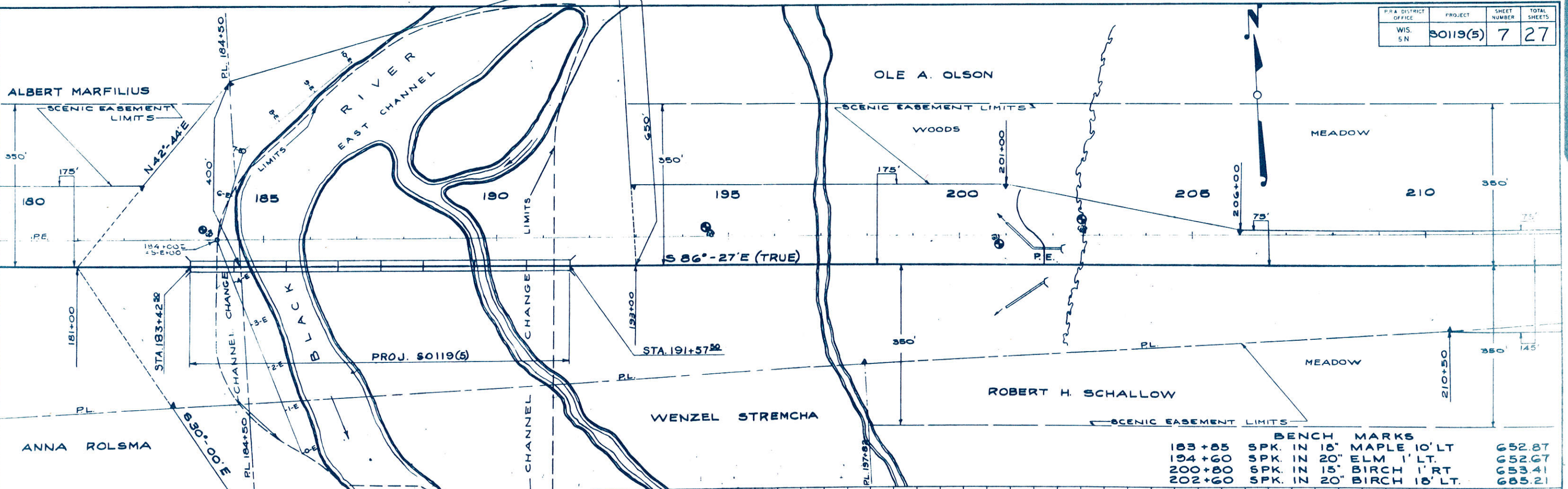




BENCH MARKS

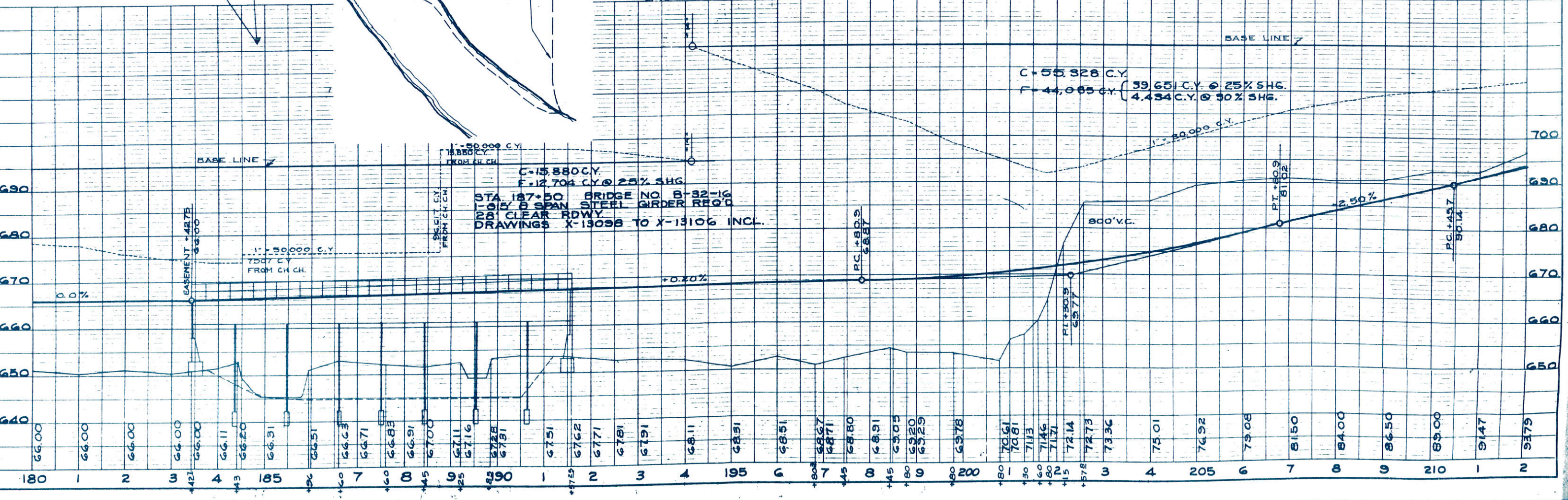
158+00	SPK. IN	12" ELM	10' LT.	654.47
163+00	SPK. IN	10" COTTONWOOD	30' RT.	655.36
166+70	SPK. IN	18" MAPLE	15' RT.	655.26
174+90	SPK. IN	18" BIRCH	10' LT.	651.47
179+70	SPK. IN	40" MAPLE	10' RT.	652.75



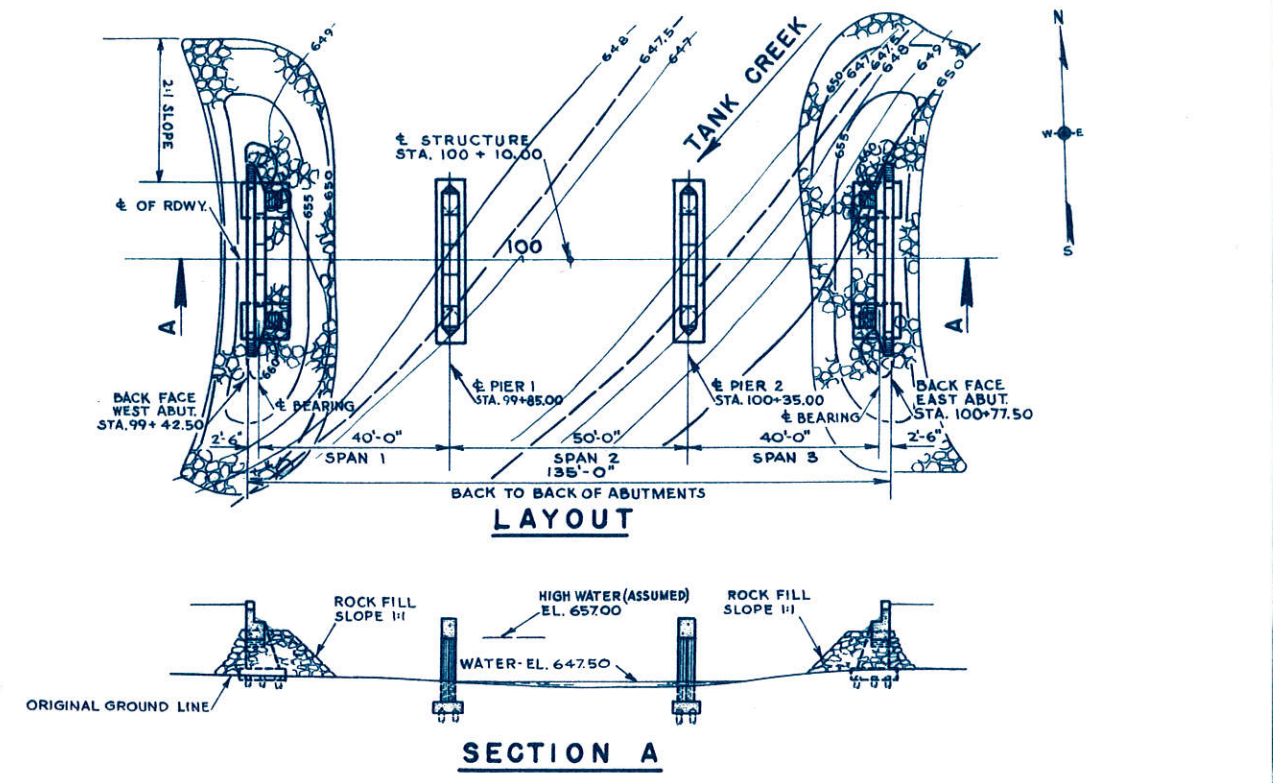
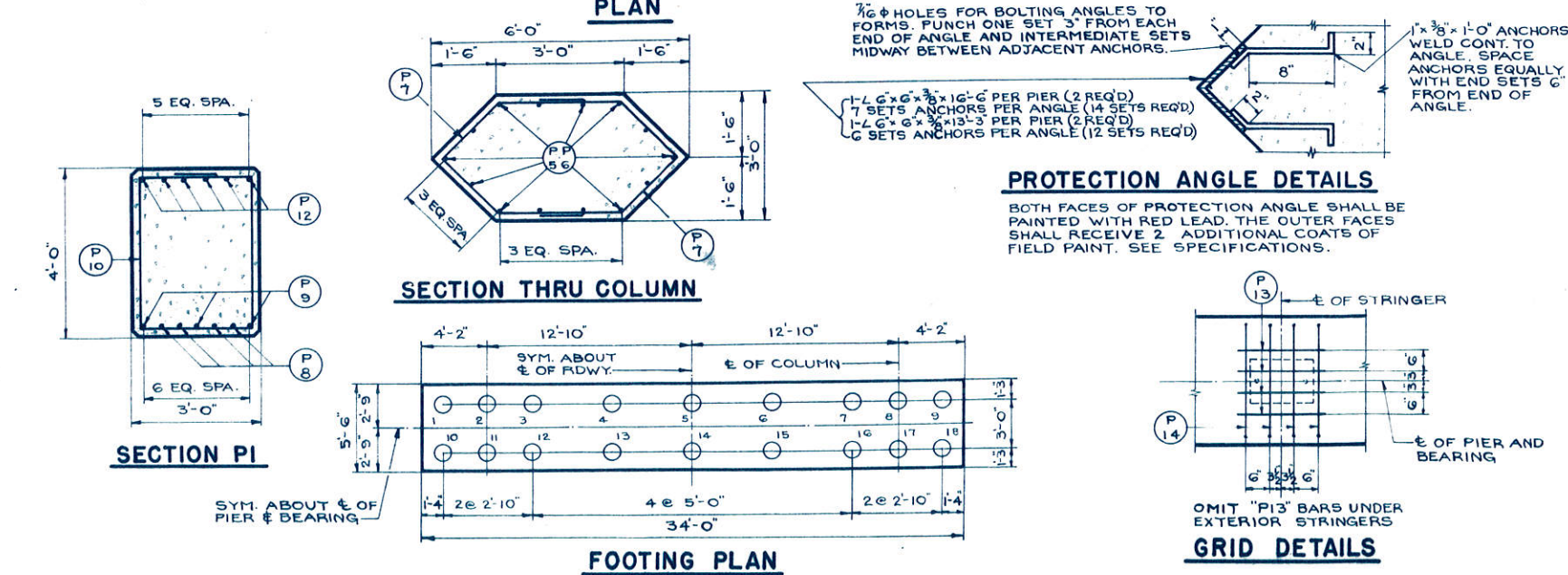
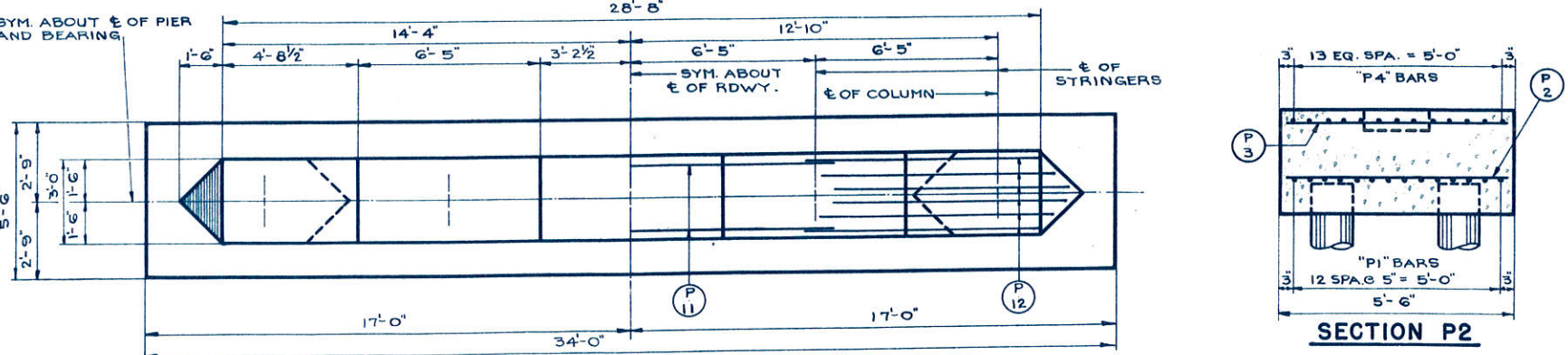
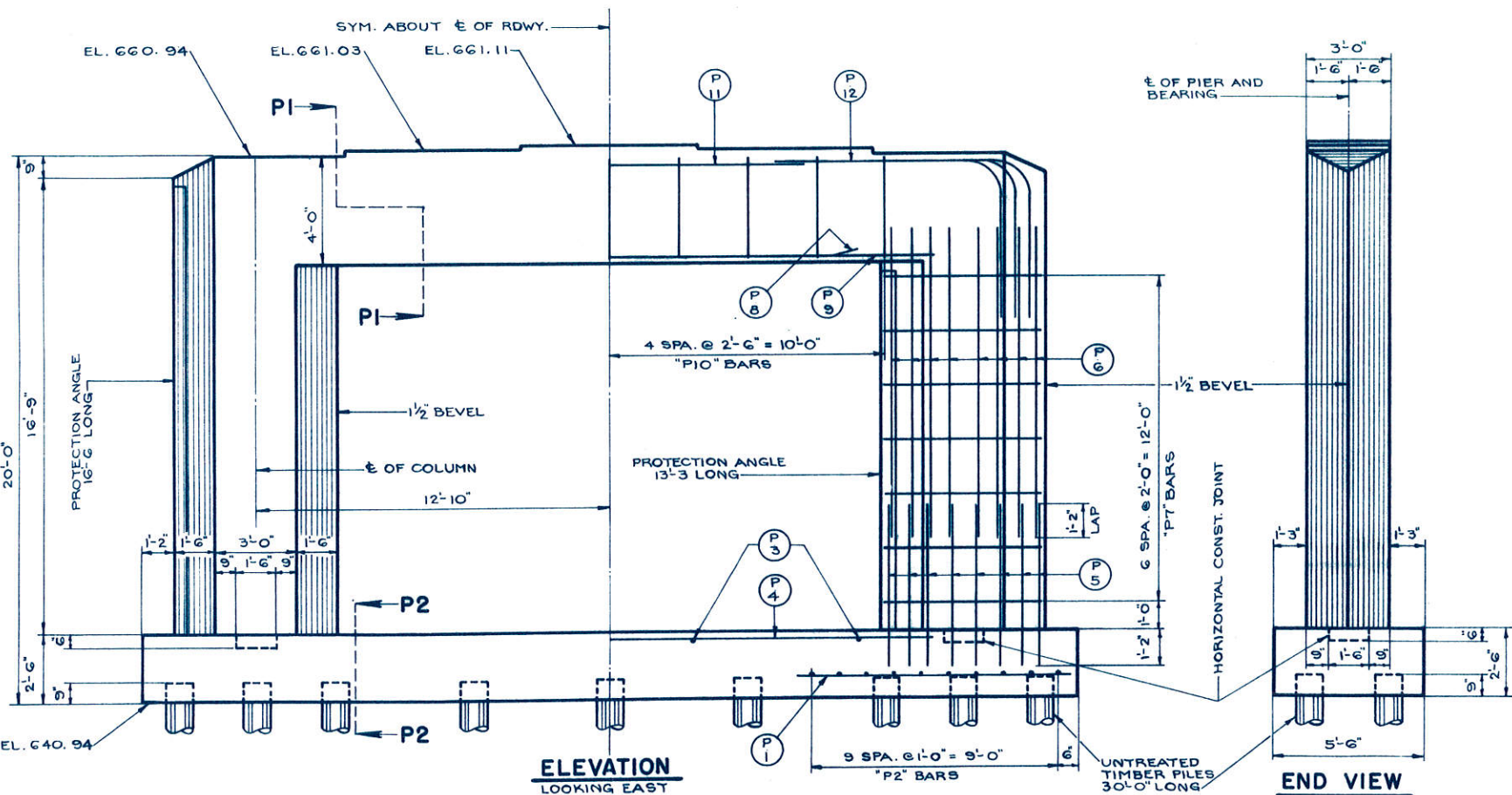


BENCH MARKS

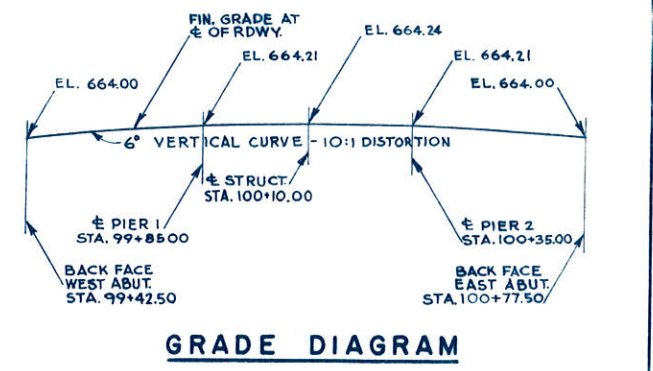
183+85	SPK. 1/2 18" MAPLE 10' LT	652.87
194+60	SPK. 1/2 20" ELM 1' LT.	652.67
200+80	SPK. 1/2 15" BIRCH 1' RT	653.41
202+60	SPK. 1/2 20" BIRCH 18' LT.	685.21



STA. 187+50 BRIDGE NO. B-32-16
 105' B SPAN STEEL GIRDER ROAD
 20' CLEAR RDWY.
 DRAWINGS X-13098 TO X-13106 INCL.



DRAWINGS SHALL NOT BE SCALED.
 ALL CONCRETE MASONRY SHALL BE GRADE "AA".
 BEVEL EXPOSED EDGES OF CONCRETE 1" UNLESS OTHERWISE SPECIFIED.
 BAR STEEL REINFORCEMENT SHALL BE IMBEDDED 2" CLEAR UNLESS OTHERWISE SHOWN OR NOTED.
 BAR STEEL REINFORCEMENT SHALL BE CUT OFF AT FLOOR DRAINS.
 ALL RIVETS SHALL BE 3/4" UNLESS OTHERWISE SPECIFIED.
 ALL FIELD CONNECTIONS IN STRINGER SPLICES SHALL BE RIVETS OR TURNED BOLTS. OTHER FIELD CONNECTIONS SHALL BE MADE WITH RIVETS OR RIBBED TIGHT-FIT BOLTS IN FULL SIZE PUNCHED HOLES.
 ANCHOR BOLTS SHALL BE THREADED 3". PROVIDE ONE 1/4" PLATE WASHER AND ONE HEXAGONAL NUT PER ANCHOR BOLT.
 PILES AT ABUTMENTS SHALL BE TREATED TIMBER PILES, 40'-0" LONG. PILES AT PIERS SHALL BE UNTREATED TIMBER PILES, 30'-0" LONG. PILES AT ABUTMENTS AND PIERS SHALL BE DRIVEN TO A MINIMUM BEARING VALUE OF 20 TONS PER PILE.
 THE ROCK FILL AT THE ABUTMENTS SHALL BE PLACED WITHIN THE LIMITS SHOWN ABOVE AND "SECTION A2" ON X13061.



TOTAL ESTIMATED QUANTITIES

BID ITEMS	UNIT	SUPER-STRUCTURE	ABUTMENTS	PIERS	TOTAL
EXCAVATION FOR STRUCTURES	C.Y.	—	30	160	190
CONCRETE MASONRY	C.Y.	108.4	91.5	88.8	288.7
BAR STEEL REINFORCEMENT	LB.	28,840	4,210	8,240	41,290
STRUCTURAL CARBON STEEL	LB.	88,500	—	960	89,460
SHEET LEAD	LB.	280	—	—	280
SHEET ZINC	LB.	100	—	—	100
UNTREATED TIMBER TEST PILING, (4 @ 50')	LUMP SUM	—	—	—	1
UNTREATED TIMBER PILING, DELIVERED	L.F.	—	—	1,020	1,020
UNTREATED TIMBER PILING, DRIVEN	L.F.	—	—	1,020	1,020
TREATED TIMBER PILING, DELIVERED	L.F.	—	1,440	—	1,440
TREATED TIMBER PILING, DRIVEN	L.F.	—	1,440	—	1,440
FLOOR DRAINS	EACH	8	—	—	8
ROCK FILL	C.Y.	—	540	—	540
NON-BID ITEMS					
EXPANSION JOINT FILLER	SIZE	1"	—	—	1"

LIST OF DRAWINGS

- 1. LAYOUT AND PIERS X13059
- 2. SUPERSTRUCTURE X13060
- 3. ABUTMENTS AND BILL OF BARS X13061

STATE HIGHWAY COMMISSION OF WISCONSIN

LAYOUT AND PIERS

CO. TREMPEALEAU TOWN. CALEDONIA STA. 100 + 10.00

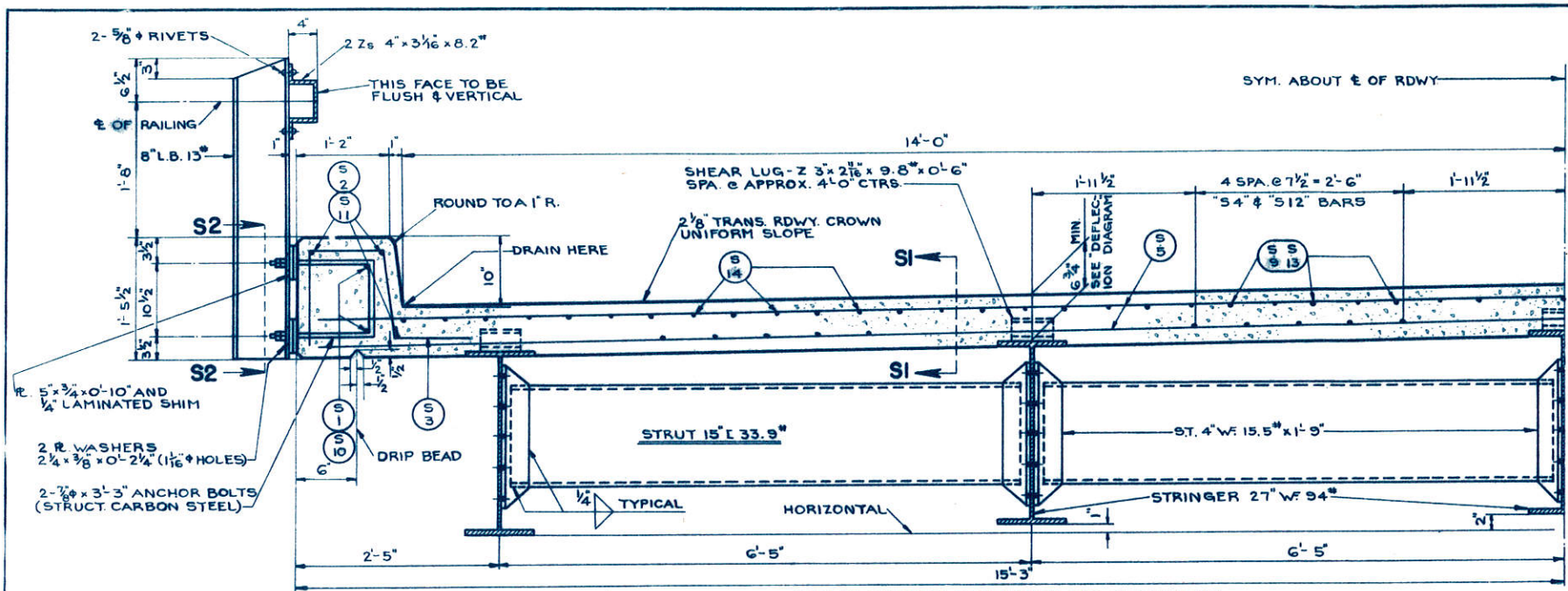
SECTION 29 TOWN 18 N. RANGE 8 W.

DATE 1-1951 DRAWN BY E.B. CRD 46.6 SPEC. 1951 LOAD H20

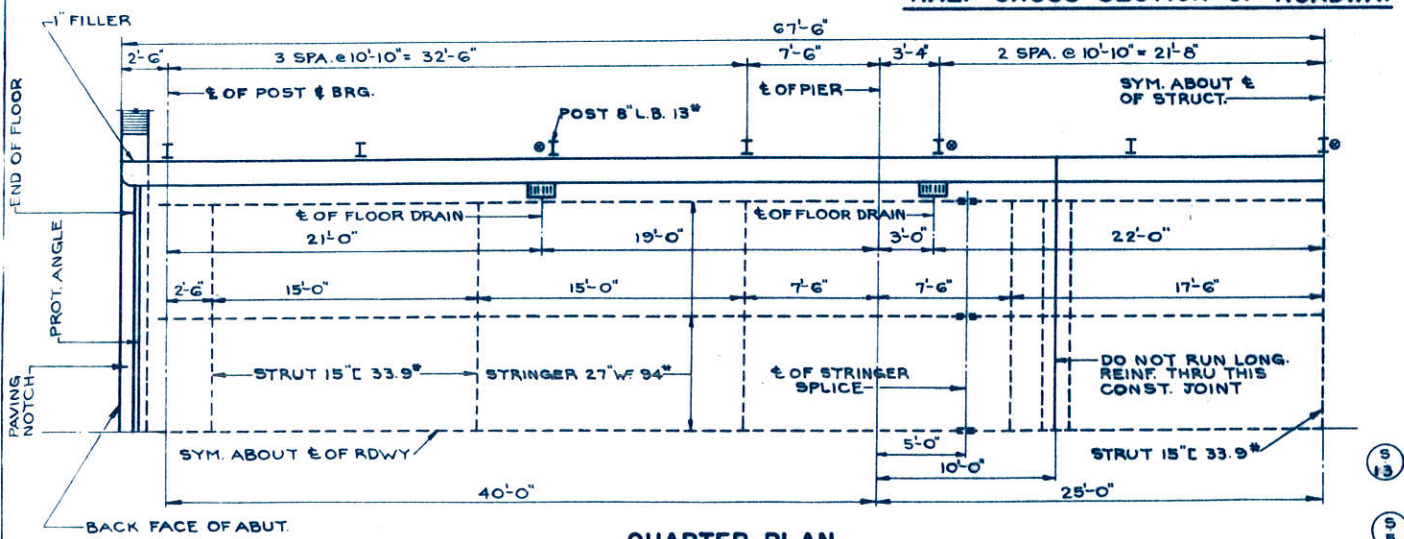
CORRECT: *E. G. Rosellum* ACTING BRIDGE ENGINEER

APPROVED: *E. G. Rosellum* STATE HIGHWAY ENGINEER

STRUCTURE B-61-19 SHEET 1 OF 3

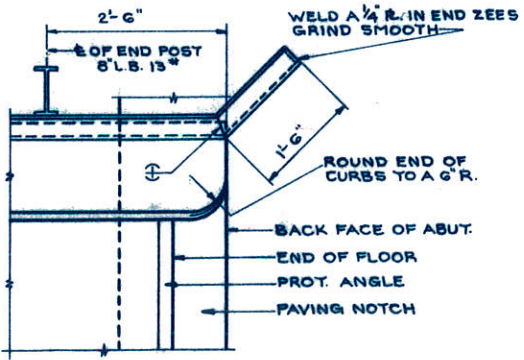


HALF CROSS SECTION OF ROADWAY

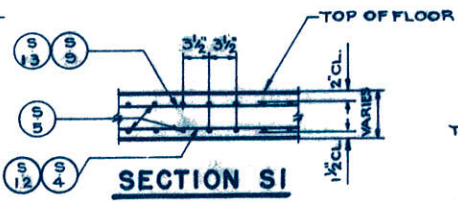


QUARTER PLAN

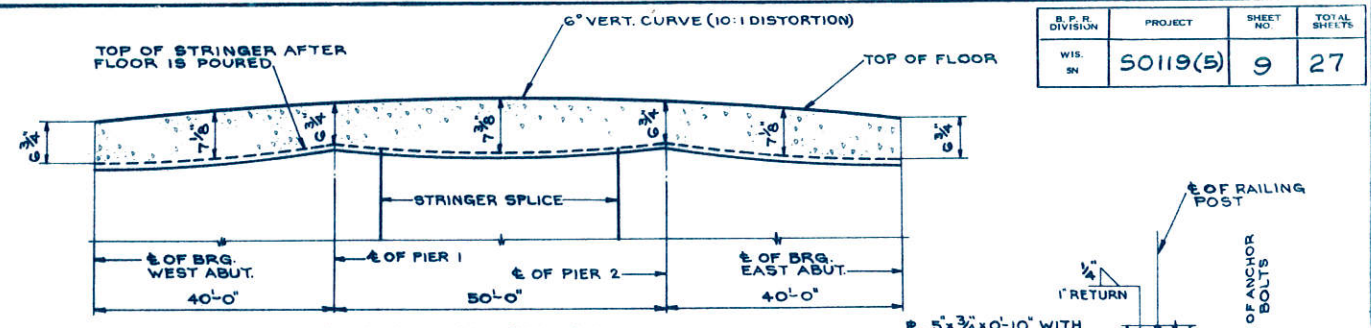
⊗ INDICATES PERMISSIBLE RAILING SPLICE



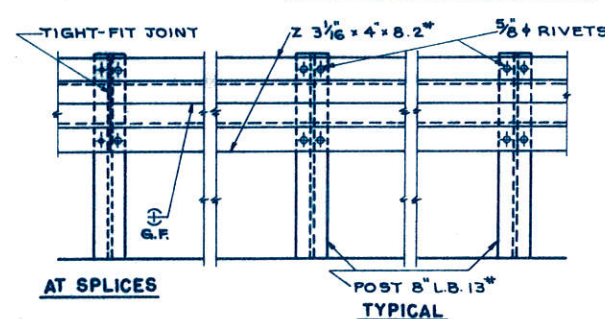
PART PLAN



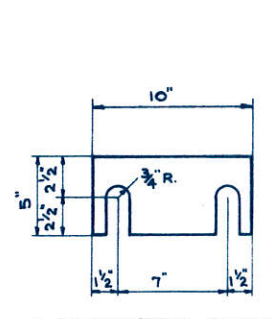
SECTION S1



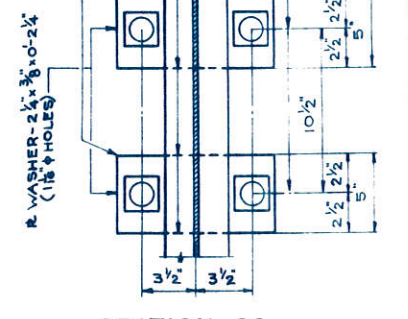
DEFLECTION DIAGRAM



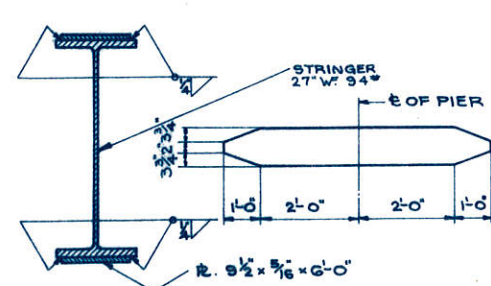
RAILING DETAILS



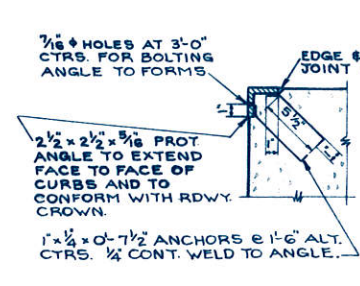
LAMINATED SHIM



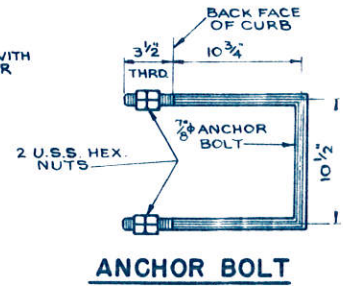
SECTION S2



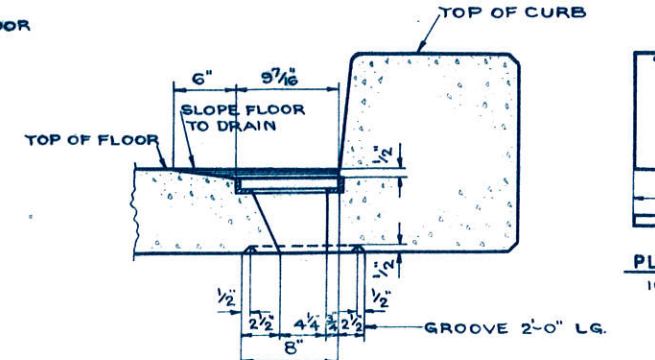
COVER PLATE DETAILS



PROTECTION ANGLE DETAILS



ANCHOR BOLT
52 REQ'D.



SECTION THRU DRAIN

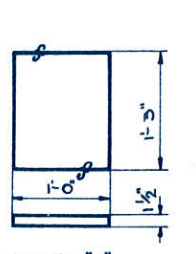


PLATE "A"
10 REQ'D.

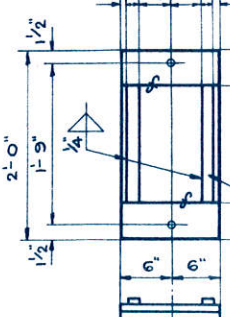
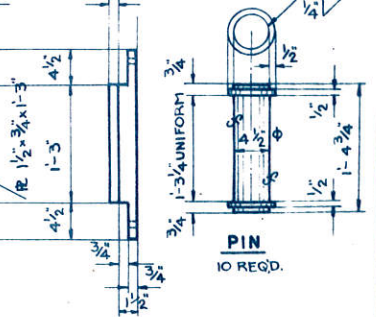
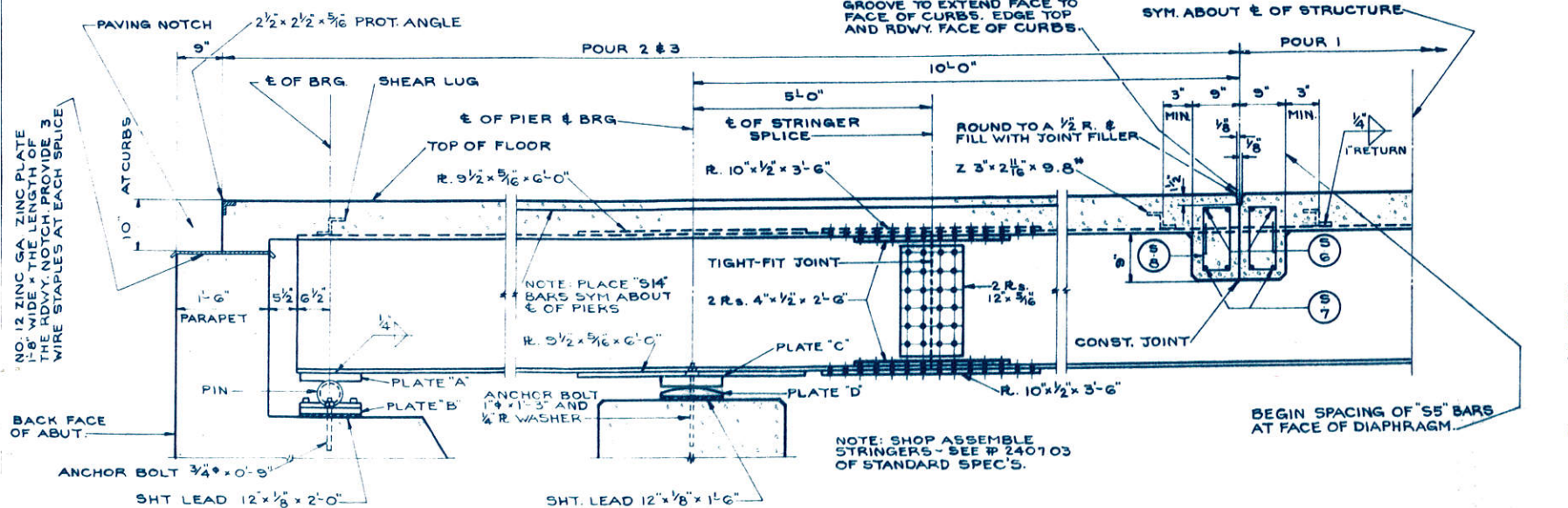


PLATE "B"
10 REQ'D.

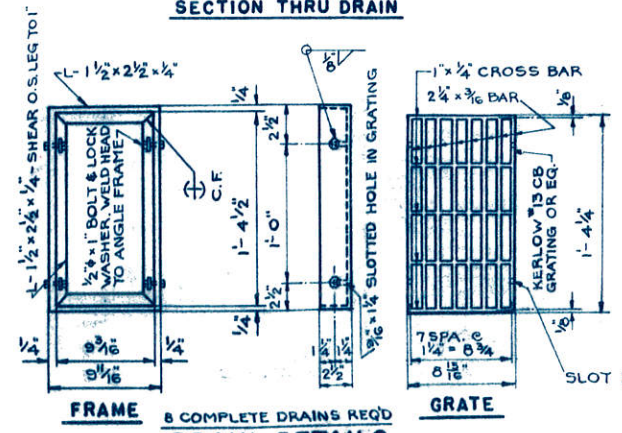


PIN
10 REQ'D.



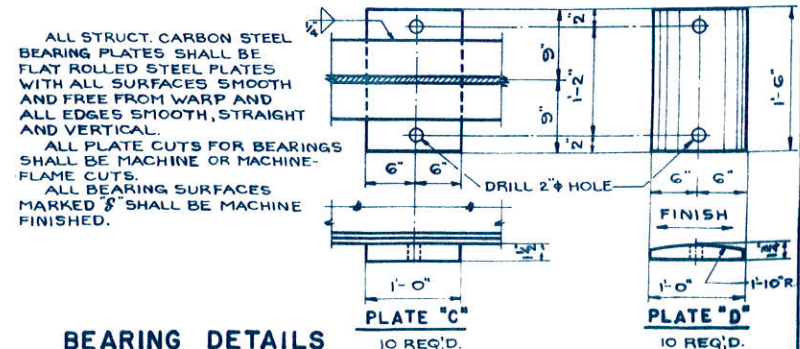
HALF LONGITUDINAL SECTION

PLACE FLOOR POURS IN SEQUENCE SHOWN ABOVE WITH A MINIMUM OF 72 HOURS BETWEEN POURS.



DRAIN DETAILS

NOTE: BOLT GRATE TO FRAME FOR SHIPMENT



BEARING DETAILS

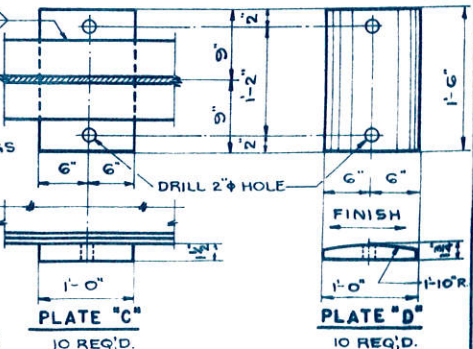
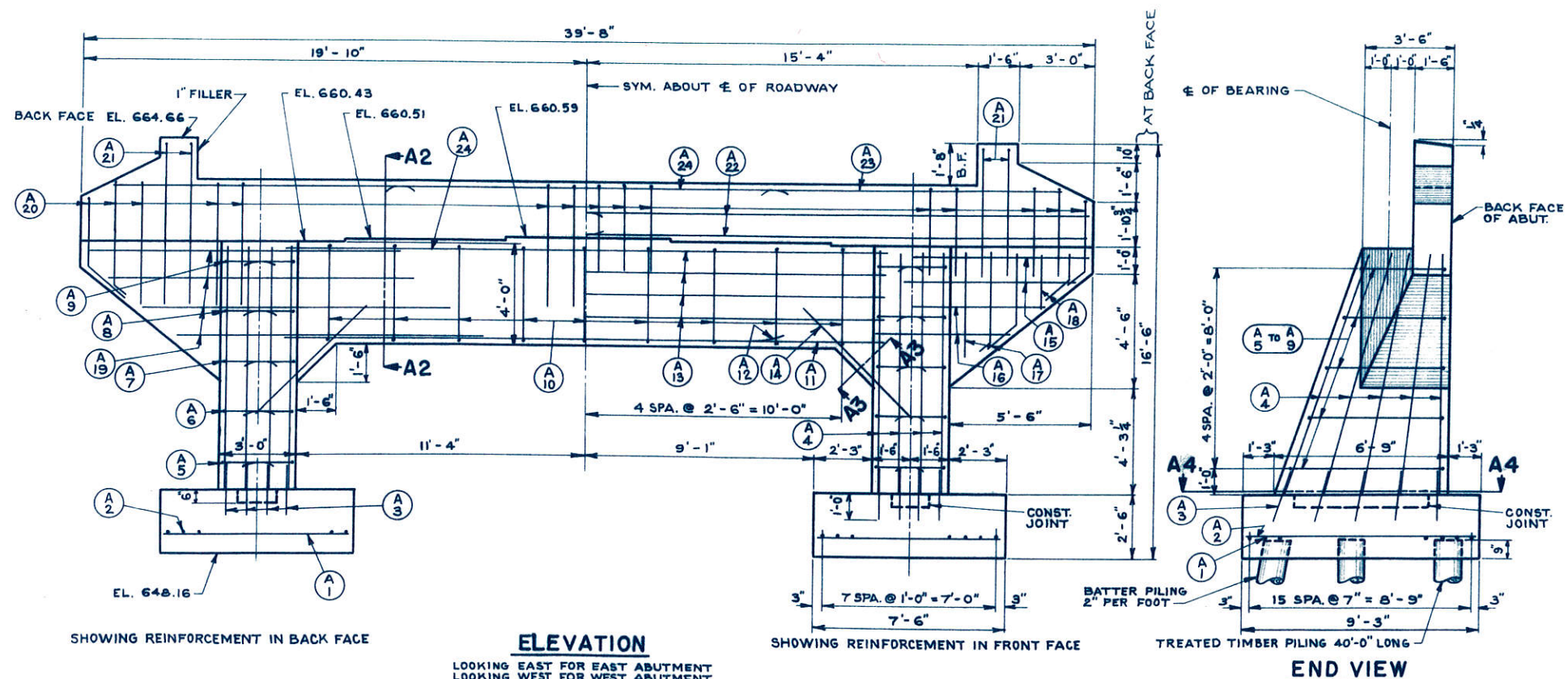


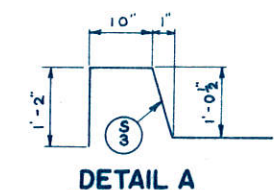
PLATE "C"
10 REQ'D.

REVISED	STATE HIGHWAY COMMISSION OF WISCONSIN
	SUPERSTRUCTURE
	DATE: 11-19-51 DRAWN: S.C. CHECK: J.L.C. SPEC: 1951 LOAD: H20
STRUCTURE B-61-19 SHEET 2 OF 3	



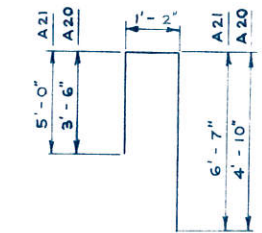
BILL OF BARS
SUPERSTRUCTURE 28,840#

POUR	NO.	MARK	SIZE NO.	LENGTH	SPACING	LOCATION	DET.
POUR 1	12	S1	8	4-0	SHOWN	CURBS (PLACE SYM. ABOUT & POST)	
	6	S2	4	23-6	"	"	A
	40	S3	4	4-6	1-6	"	
	20	S4	4	23-0	7 1/2	FLOOR	
	198	S5	4	30-0	3 1/2	"	
	4	S6	7	28-0	SHOWN	CONST. JOINT	
	16	S7	7	6-0	"	"	
	48	S8	2	3-3	1-0	"	(BEND IN FIELD)
	29	S9	6	23-0	1-0	FLOOR	
	POUR 2 & 3	140	S3	4	4-6	1-6	CURBS
700		S5	4	30-0	3 1/2	FLOOR	
4		S6	7	28-0	SHOWN	CONST. JOINT	
16		S7	7	6-0	"	"	
48		S8	2	3-3	1-0	"	(BEND IN FIELD)
40		S10	8	4-0	SHOWN	CURBS (PLACE SYM. ABOUT & POST)	
24		S11	4	26-6	"	CURBS	
80		S12	4	26-3	7 1/2	FLOOR	
116		S13	6	26-3	1-0	"	
56		S14	4	18-0	1-0	"	(OVER PIERS ONLY)

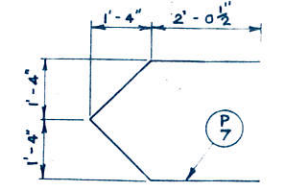


MARK	DIM. A	DIM. B
A5	6'-1"	2'-8"
A6	5'-5"	2'-8"
A7	4'-9"	2'-8"
A8	4'-1"	2'-8"
A9	3'-5"	2'-8"
P10	3'-8"	2'-8"
A10	3'-8"	3'-2"

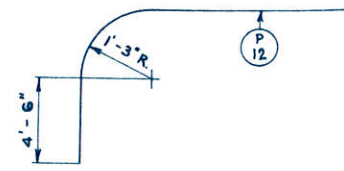
DETAIL C



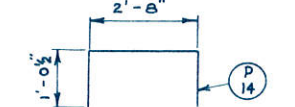
DETAIL D



DETAIL E



DETAIL F



DETAIL G

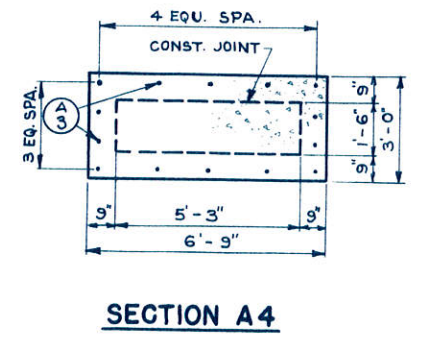
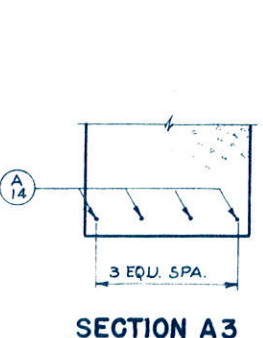
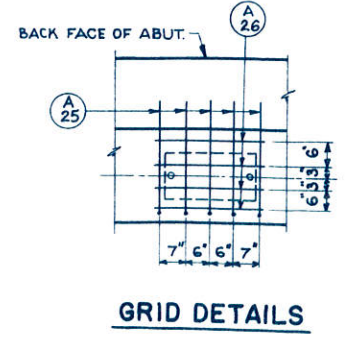
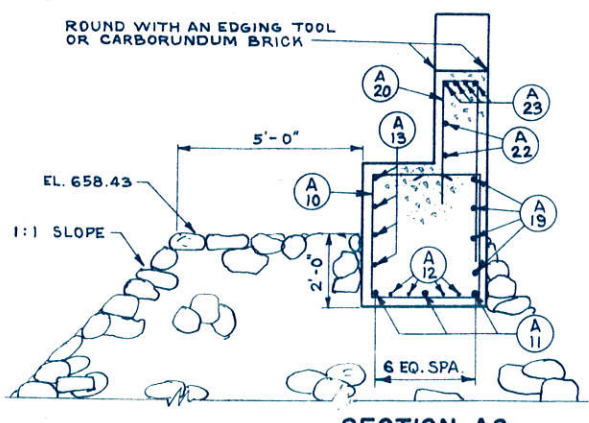
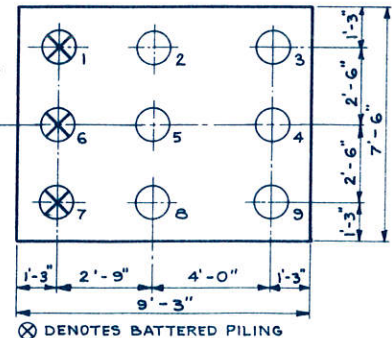
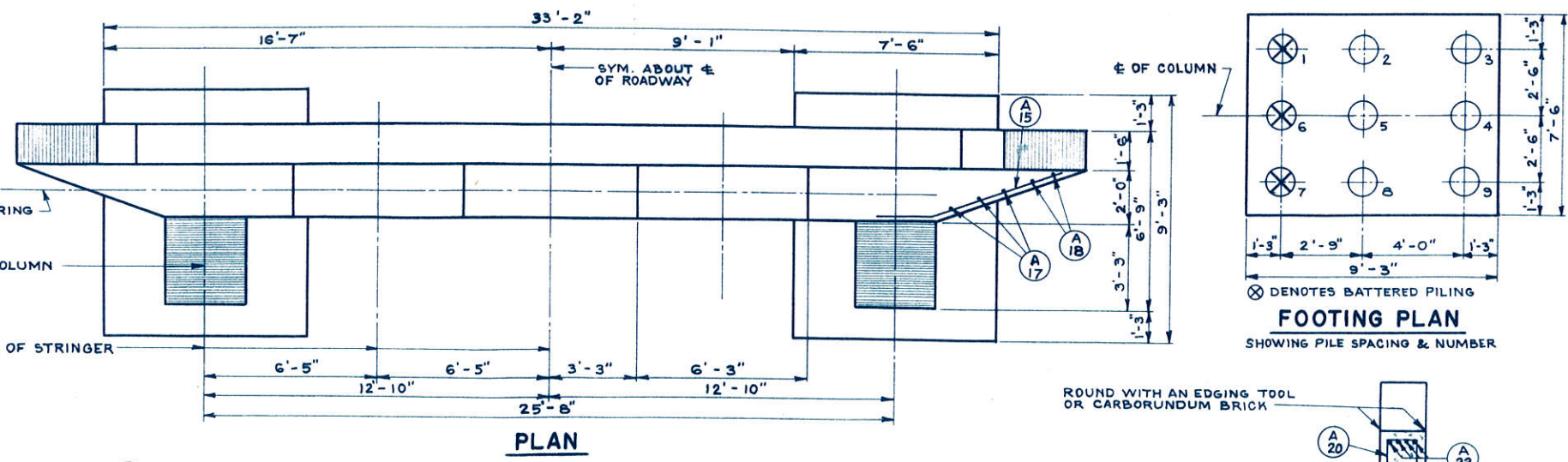
ABUTMENTS 4,230#

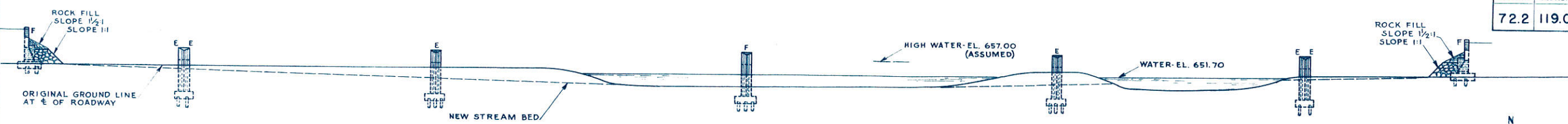
POUR	NO.	MARK	SIZE NO.	LENGTH	SPACING	LOCATION	DET.
FOOTINGS	64	A1	4	7-0	7	FOOTINGS	
	32	A2	4	8-9	1-0	"	
	56	A3	5	2-0	SHOWN	(DOWELS)	
COLUMNS & GIRDER	56	A4	5	9-6	"	COLUMN	
	4	A5	4	18-6	2-0	" (HOOPS)	C
	4	A6	4	17-3	2-0	"	C
	4	A7	4	15-9	2-0	"	C
	4	A8	4	14-6	2-0	"	C
	4	A9	4	13-3	2-0	"	C
	18	A10	4	14-9	2-6	GIRDER (STIRRUPS)	C
	6	A11	8	23-6	SHOWN	GIRDER	C
	8	A12	7	15-0	"	"	
	8	A13	6	23-6	"	"	
	16	A14	4	6-0	"	HAUNCH	
	8	A15	4	6-9	1-0	WINGS FRONT FACE	
	8	A16	4	5-9	1-0	"	
	12	A17	4	4-0	1-0	"	
	8	A18	4	2-0	1-0	"	
	16	A19	5	12-0	1-0	BACK FACE	
	72	A20	4	9-6	1-0	PARAPET	D
	8	A21	4	12-9	1-0	"	D
	8	A22	4	20-3	1-0	"	
	16	A23	8	12-0	SHOWN	"	
6	A24	4	16-0	"	TIES		
50	A25	4	3-9	"	GRID LONG.	B	
40	A26	4	2-6	"	TRANS.		

PIERS 8,240#

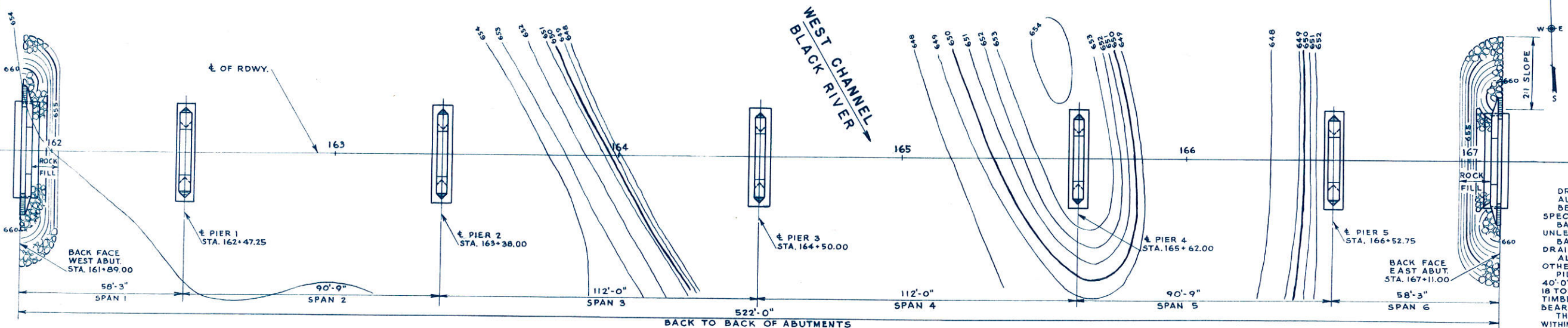
MARK	NO.	MARK	SIZE NO.	LENGTH	SPACING	LOCATION	DET.
FOOTINGS	52	P1	8	10-0	5	FOOTINGS	
	40	P2	4	5-0	1-0	"	
	8	P3	4	5-0	6-0	"	
	28	P4	7	23-6	SHOWN	"	
	56	P5	6	6-0	"	COLUMNS	
COLUMNS & GIRDER	56	P6	6	11-0	SHOWN	COLUMNS	
	56	P7	4	7-9	2-0	"	E
	8	P8	11	18-0	SHOWN	GIRDERS	
	6	P9	11	23-6	"	"	
	18	P10	4	13-9	2-6	"	C
	4	P11	4	14-0	2-6	"	
	24	P12	11	13-9	SHOWN	"	F
	24	P13	4	2-0	6	GRID	
	40	P14	4	4-9	SHOWN	"	G

NOTE: DIMENSIONS IN BENDING DETAILS ARE OUT TO OUT





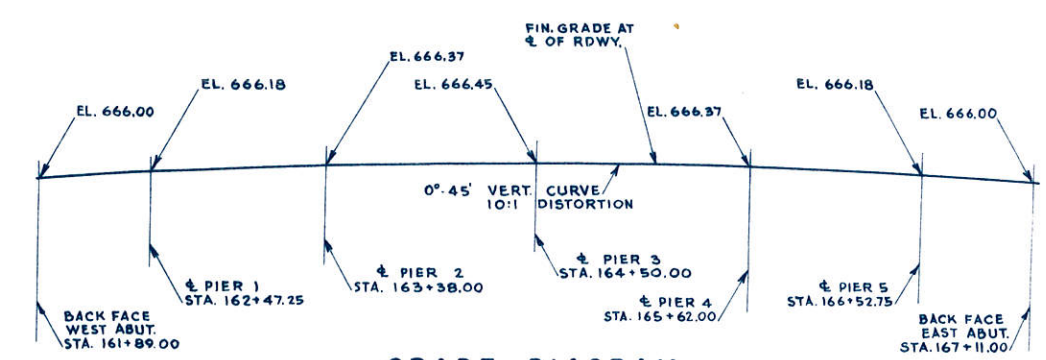
ELEVATION



PLAN

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.
 ALL CONCRETE MASONRY SHALL BE GRADE "AA".
 BEVEL EXPOSED EDGES OF CONCRETE 1" UNLESS OTHERWISE SPECIFIED.
 BAR STEEL REINFORCEMENT SHALL BE IMBEDDED 2" CLEAR UNLESS OTHERWISE SHOWN OR NOTED.
 BAR STEEL REINFORCEMENT SHALL BE CUT OFF AT FLOOR DRAINS.
 ALL FIELD AND SHOP RIVETS SHALL BE 3/4" UNLESS OTHERWISE SPECIFIED.
 PILES AT ABUTMENTS SHALL BE TREATED TIMBER PILES, 40'-0" LONG, AND DRIVEN TO A MINIMUM BEARING VALUE OF 18 TONS PER PILE. PILES AT PIERS SHALL BE UNTREATED TIMBER PILES, 30'-0" LONG, AND DRIVEN TO A MINIMUM BEARING VALUE OF 20 TONS PER PILE.
 THE ROCK FILL AT THE ABUTMENTS SHALL BE PLACED WITHIN THE LIMITS SHOWN ABOVE AND "SECTION A" ON X13092.



GRADE DIAGRAM

TOTAL ESTIMATED QUANTITIES

BID ITEMS	UNIT	SUPER-STRUCTURE	WEST ABUTMENT	PIER 1	PIER 2	PIER 3	PIER 4	PIER 5	EAST ABUTMENT	TOTAL
EXCAVATION FOR STRUCTURES	C.Y.	—	40	170	180	110	170	140	40	850
CONCRETE MASONRY	C.Y.	453.3	66.9	60.3	60.0	61.9	60.0	60.3	66.9	889.6
BAR STEEL REINFORCEMENT	L.B.	118,620	1,350	5,090	6,200	7,820	6,200	5,090	1,850	151,720
STRUCTURAL CARBON STEEL	L.B.	580,400	—	420	400	400	400	420	—	582,440
SHEET LEAD	L.B.	679	—	—	—	—	—	—	—	679
SHEET ZINC	L.B.	108	—	—	—	—	—	—	—	108
UNTREATED TIMBER TEST PILING (7@50')	LUMP SUM	—	—	—	—	—	—	—	—	1
UNTREATED TIMBER PILING, DELIVERED	L.F.	—	—	690	930	1,170	930	690	—	4,410
UNTREATED TIMBER PILING, DRIVEN	L.F.	—	—	690	930	1,170	930	690	—	4,410
TREATED TIMBER PILING, DELIVERED	L.F.	—	840	—	—	—	—	—	840	1,680
TREATED TIMBER PILING, DRIVEN	L.F.	—	840	—	—	—	—	—	840	1,680
FLOOR DRAINS	EACH	14	—	—	—	—	—	—	—	14
ROCK FILL	C.Y.	—	90	—	—	—	—	—	95	185
NON-BID ITEMS										
EXPANSION JOINT FILLER	SIZE	1"	—	—	—	—	—	—	—	1"

LIST OF DRAWINGS

1. GENERAL PLAN X13085
2. SUPERSTRUCTURE X13086
3. SUPERSTRUCTURE X13087
4. SUPERSTRUCTURE X13088
5. PIERS 1 AND 5 X13089
6. PIERS 2 AND 4 X13090
7. PIER 3 X13091
8. ABUTMENTS AND BILL OF BARS X13092

REVISED

STATE HIGHWAY COMMISSION OF WISCONSIN

GENERAL PLAN

LA CROSSE & HOLLAND & TREMPLEAU CALEDONIA STA. 164 + 50.00

SECTION 27 TOWN 18 N. RANGE 6 W.

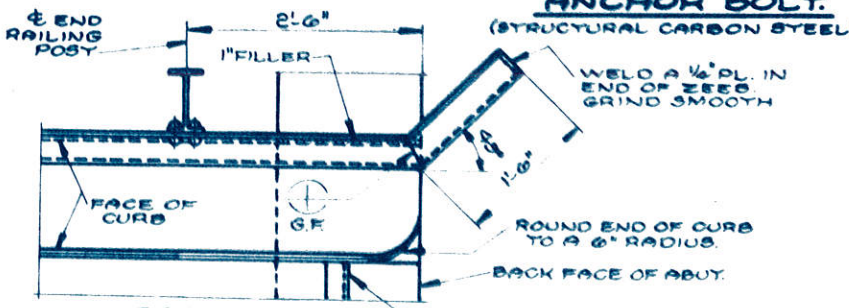
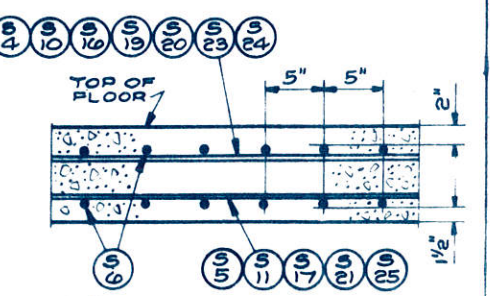
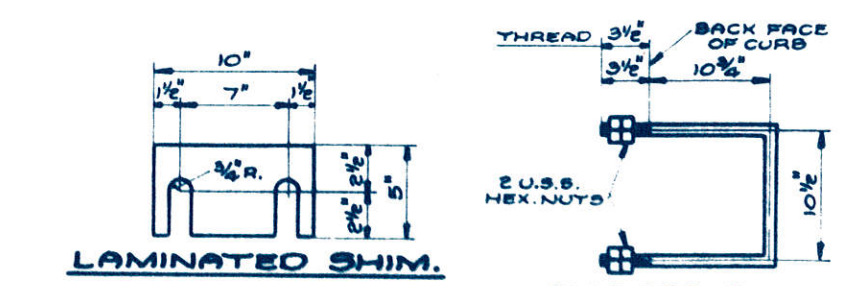
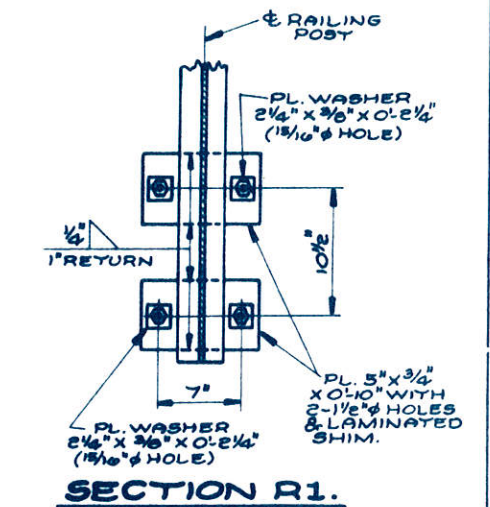
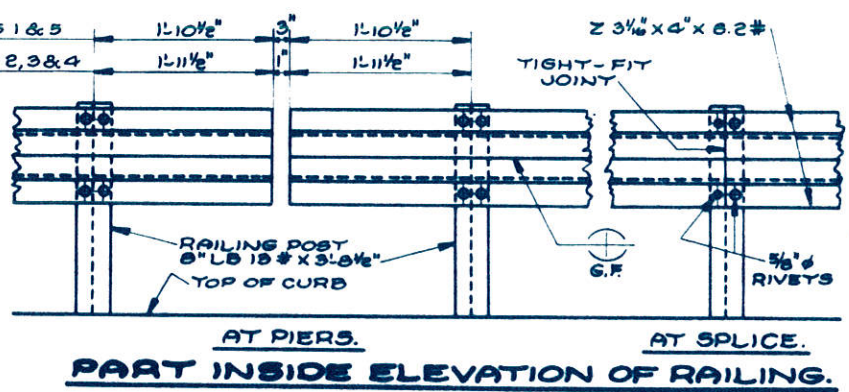
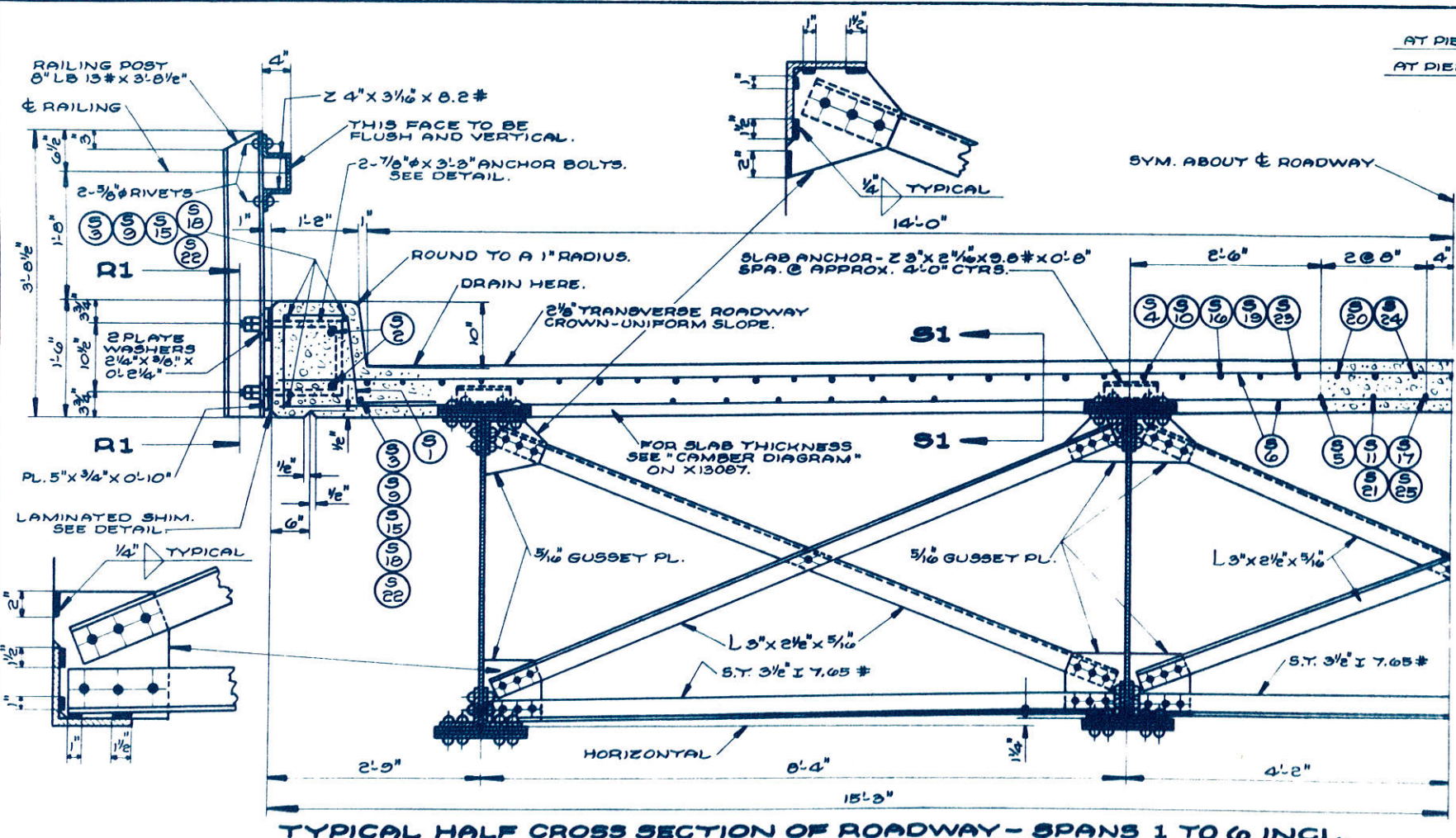
DATE 1-17-52 DRAWN L.E.B. CKD H.L.L. SPEC. 1951 LOAD H20

CORRECT *J. Strawn* ACTING BRIDGE ENGINEER

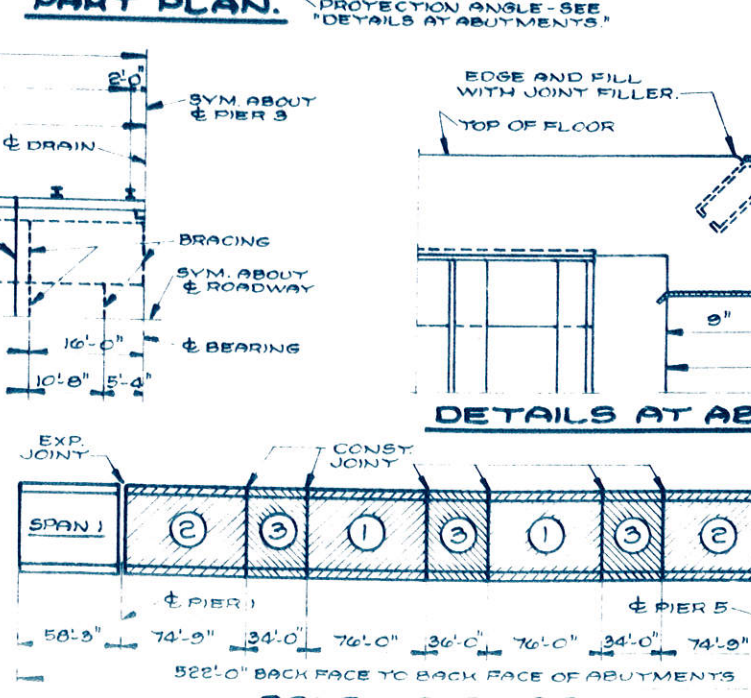
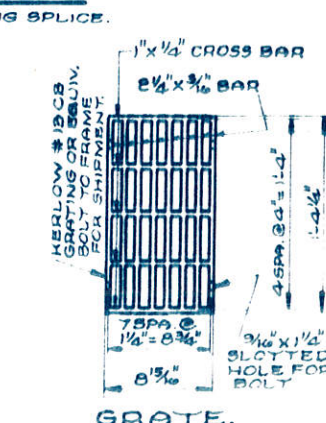
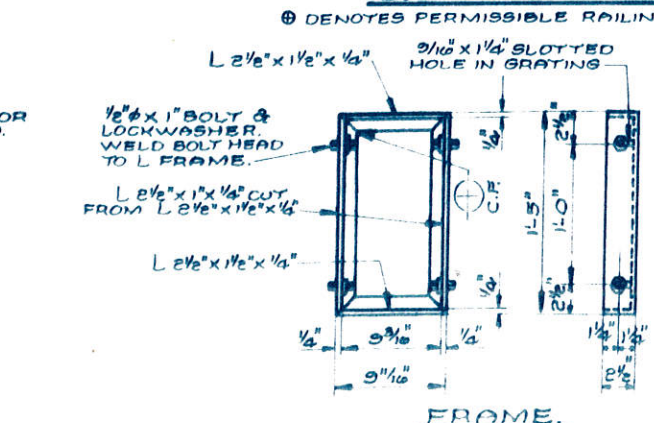
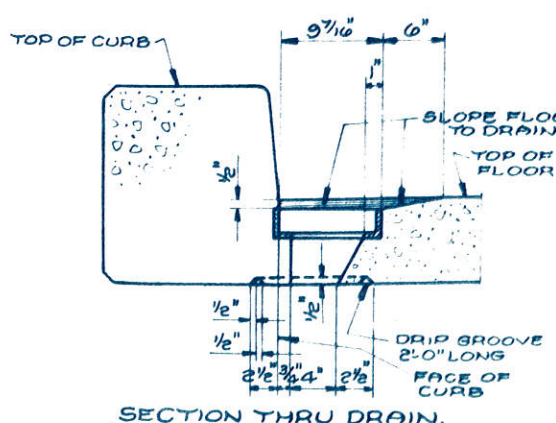
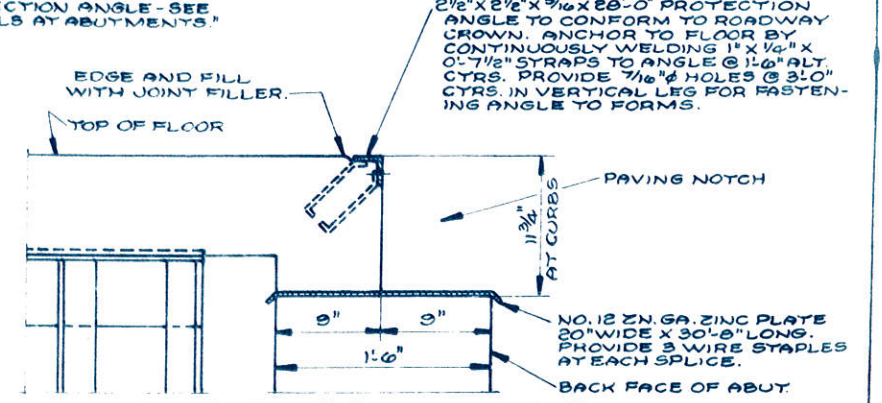
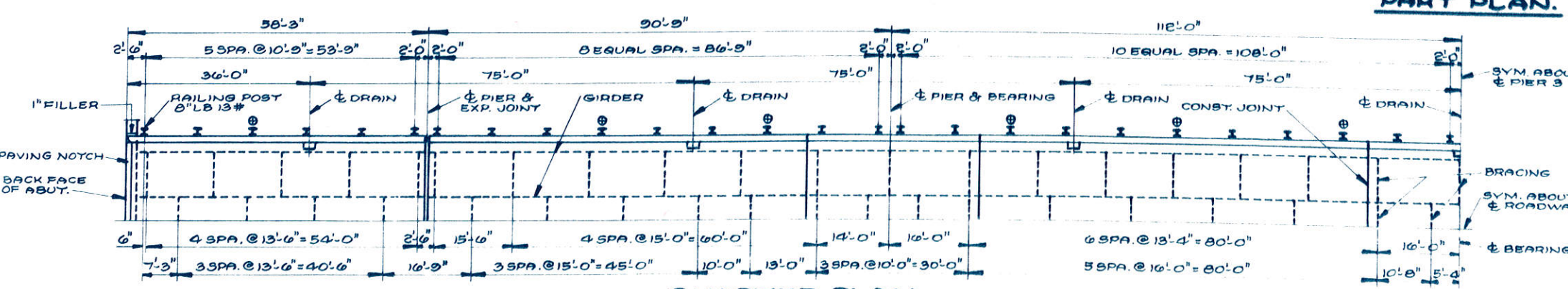
APPROVED *E. H. Reilly* STATE HIGHWAY ENGINEER

STRUCTURE B - 32/61 18 SHEET 1 OF 8

STATE DIVISION	PROJECT	SHEET NO.	TOTAL SHEETS
WIS.	50119(5)	12	27



SECTION S1.
BEGIN SPACING OF "S0" BARS AT FACE OF CONCRETE STRUT AT CONSTRUCTION AND EXPANSION JOINTS.



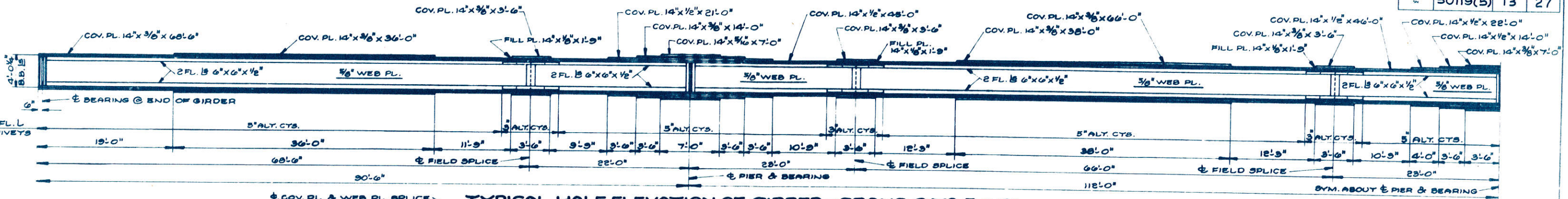
FLOOR POURS SHALL BE MADE IN THE SEQUENCE INDICATED ABOVE WITH A MINIMUM INTERVAL OF 72 HOURS BETWEEN POURS. POURS WITH COMMON NUMBERS SHALL BE CONSIDERED AS ONE POUR AND SHALL BE PLACED ON SAME DAY. FOR DETAILS OF CONSTRUCTION JOINT SEE X13087.

REVISED	STATE HIGHWAY COMMISSION OF WISCONSIN
	SUPERSTRUCTURE
	DESIGNED BY L.W.R. CHECKED BY L.W.R. APR 1951 LOAD H20
STRUCTURE	B-32/61-18
	SHEET 2 OF 8

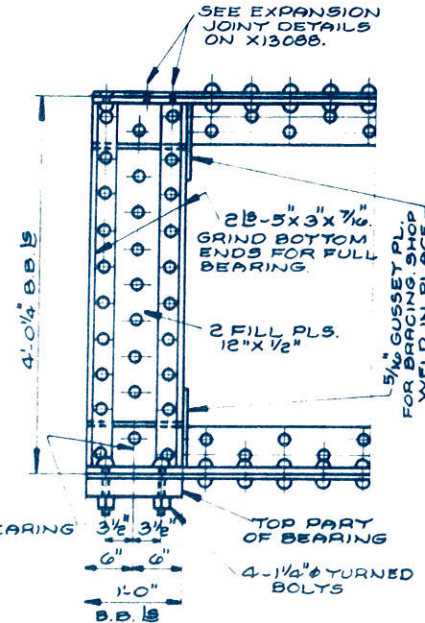
X13086

NOTE: - COV. PLS. AS CALLED FOR BELOW SHALL BE PROVIDED ON BOTH TOP AND BOTTOM OF GIRDERS.

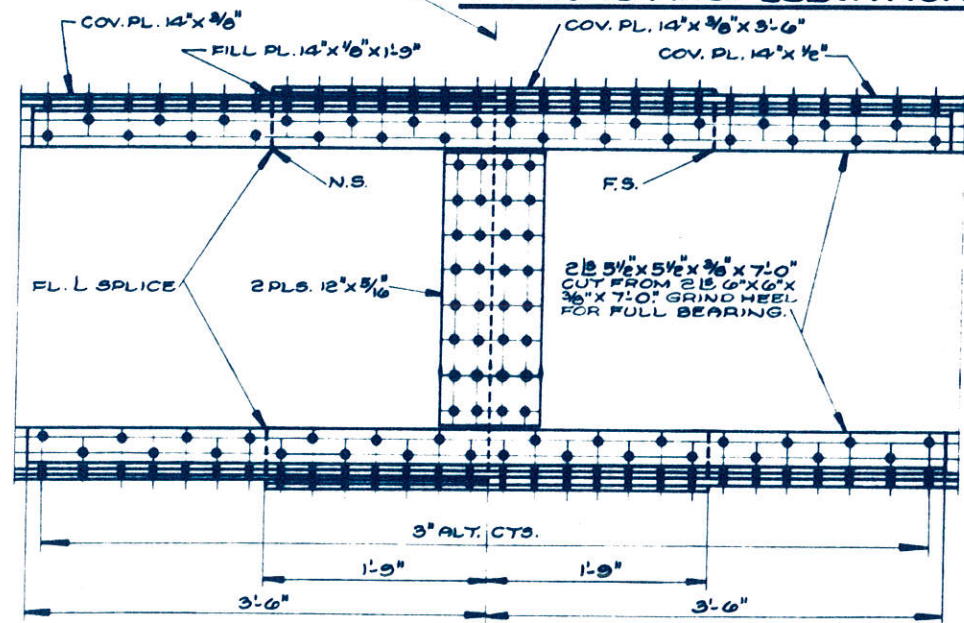
D.P. DIVISION	PROJECT	SHEET NO.	TOTAL SHEETS
WIS. HWY.	50119(5)	13	27



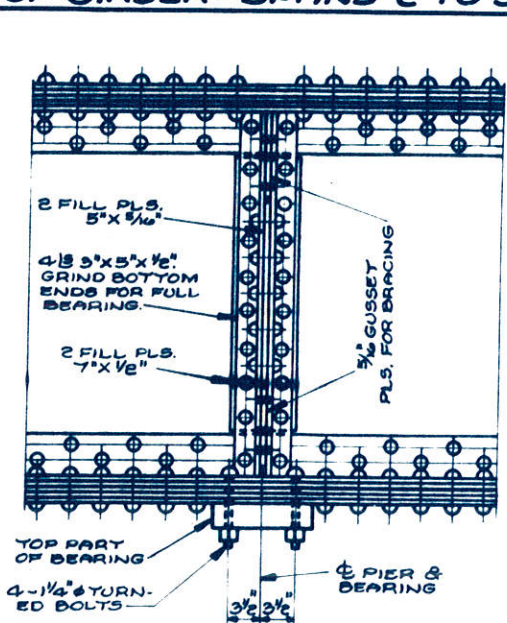
TYPICAL HALF ELEVATION OF GIRDER - SPANS 2 TO 5 INCL.



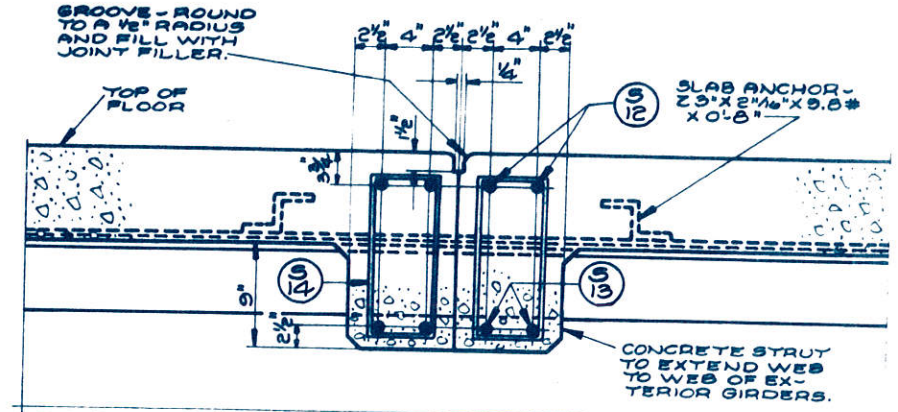
AT ENDS OF GIRDER.



AT FIELD SPLICES.

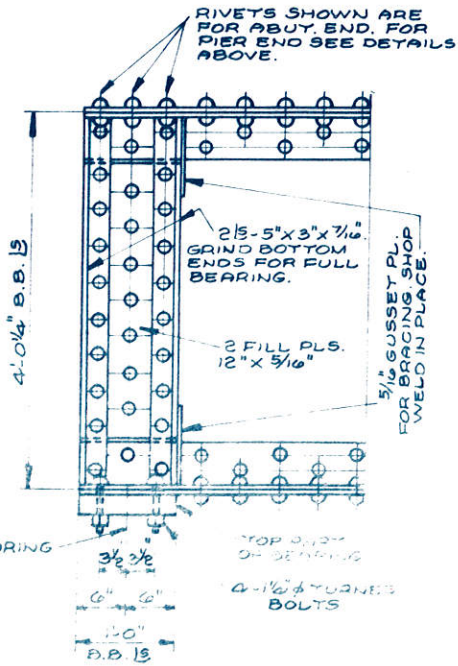


AT PIERS 2, 3 & 4.

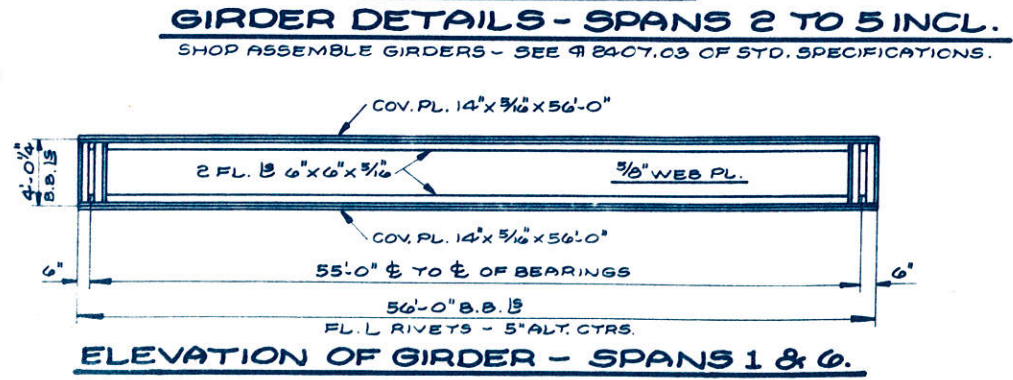


SECTION THRU CONSTRUCTION JOINT.

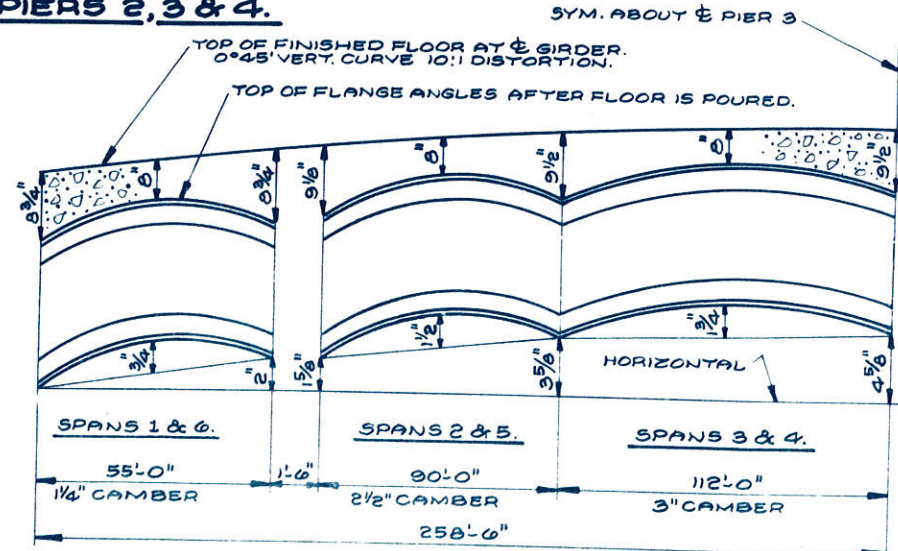
DO NOT RUN ANY LONGITUDINAL BAR STEEL REINFORCEMENT THRU CONSTRUCTION JOINT. GROOVE AS SHOWN SHALL EXTEND FACE TO FACE OF CURBS. FRONT FACE OF CURBS TO BE EDGED TOP OF CURBS TO BE EDGED AND FILLED WITH JOINT FILLER. OUTER FACE OF CURBS TO BE BEVELED 1". FOR LOCATION OF CONSTRUCTION JOINT SEE X13086.



ENDS OF GIRDER SPANS 1 & 6.



ELEVATION OF GIRDER - SPANS 1 & 6.



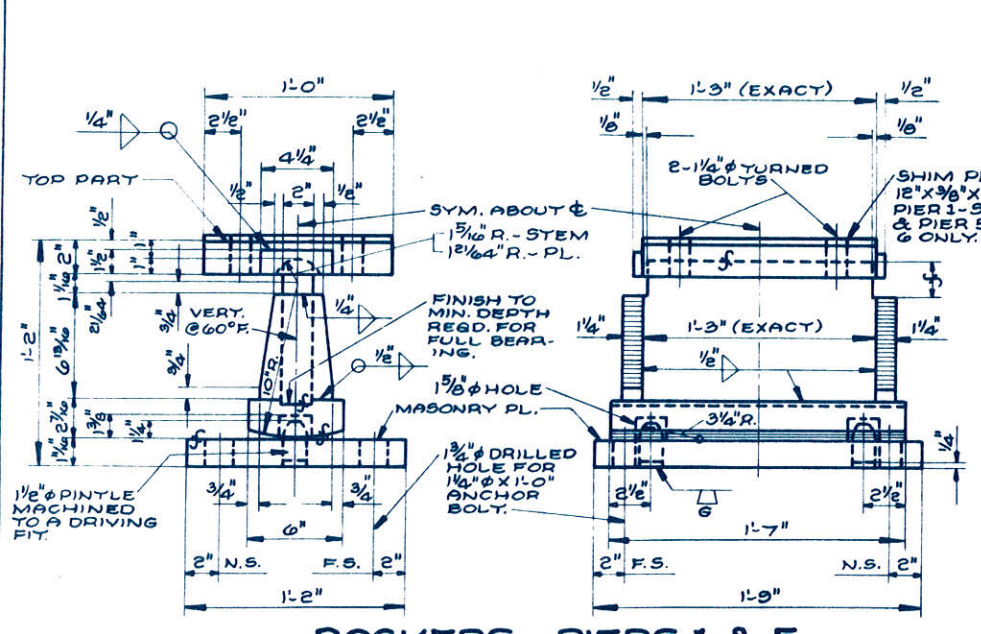
CAMBER DIAGRAM.

CAMBER AS CALLED FOR IS BEFORE ERECTION AND SHALL CONFORM TO AN ARC OF A CIRCLE. HORIZONTAL DIMENSIONS AS GIVEN ABOVE ARE ϕ TO ϕ OF BEARINGS.

REV. NO.	STATE HIGHWAY COMMISSION OF WISCONSIN
	SUPERSTRUCTURE
DATE 1-17-52	DRAWN L.W.F. CHK. G.C.G. SPEC. 1951 LOAD H 20
STRUCTURE	B-32/61-18 SHEET 3 OF 8

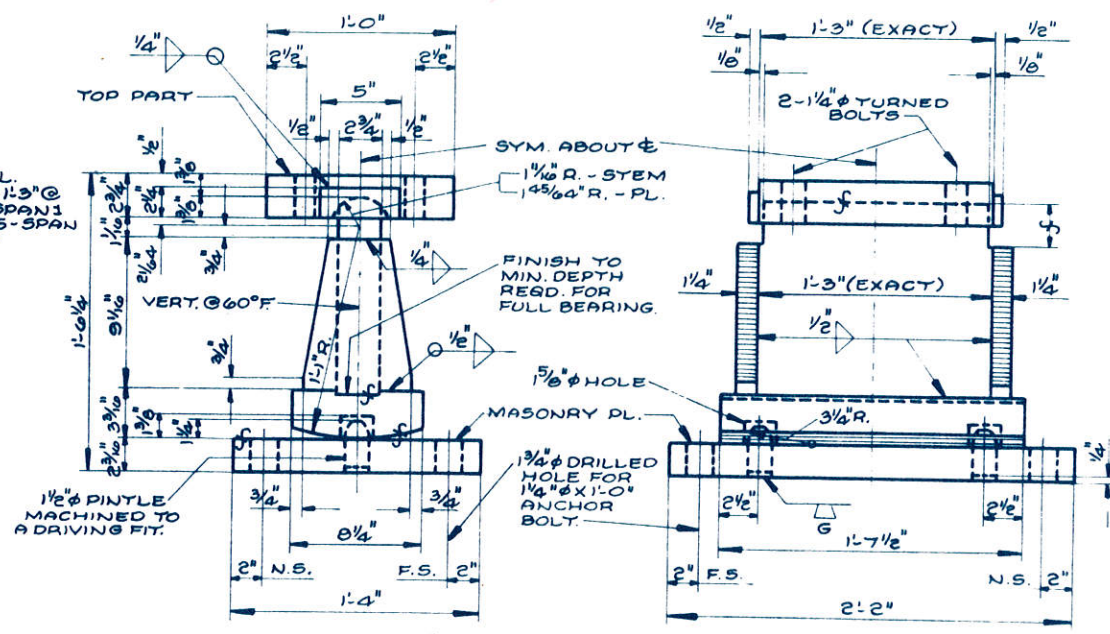
BEARING NOTES: - ALL STRUCTURAL CARBON STEEL BEARING PLATES SHALL BE FLAT ROLLED STEEL PLATES WITH ALL SURFACES SMOOTH AND FREE FROM WARP AND ALL EDGES SMOOTH, STRAIGHT AND VERTICAL. ALL PLATE CUTS SHALL BE MACHINE OR MACHINE-FLAME CUTS. ALL SURFACES MARKED "S" SHALL BE MACHINE FINISHED. PAY QUANTITY FOR SIDE PLATES FOR BEARINGS WILL BE BASED ON ACTUAL SIZE. BOLT TOP PARTS TO PLATE GIRDERS FOR SHIPMENT. ANCHOR BOLTS SHALL BE THREADED 3". PROVIDE ONE HEX. NUT PER ANCHOR BOLT. PROVIDE ONE PIECE OF 1/8" SHEET LEAD OF THE SAME SIZE AS MASONRY PLATE OF ROCKER OR BASE PLATE OF FIXED SHOE UNDER WHICH IT IS PLACED. ROCKER AND FIXED SHOE WEIGHTS AS GIVEN BELOW ARE FOR A COMPLETE BEARING INCLUDING ANCHOR BOLTS, TURNED BOLTS AND SHIMS.

PROJECT	NO.	SHEET	OF
50119(5)	14	27	



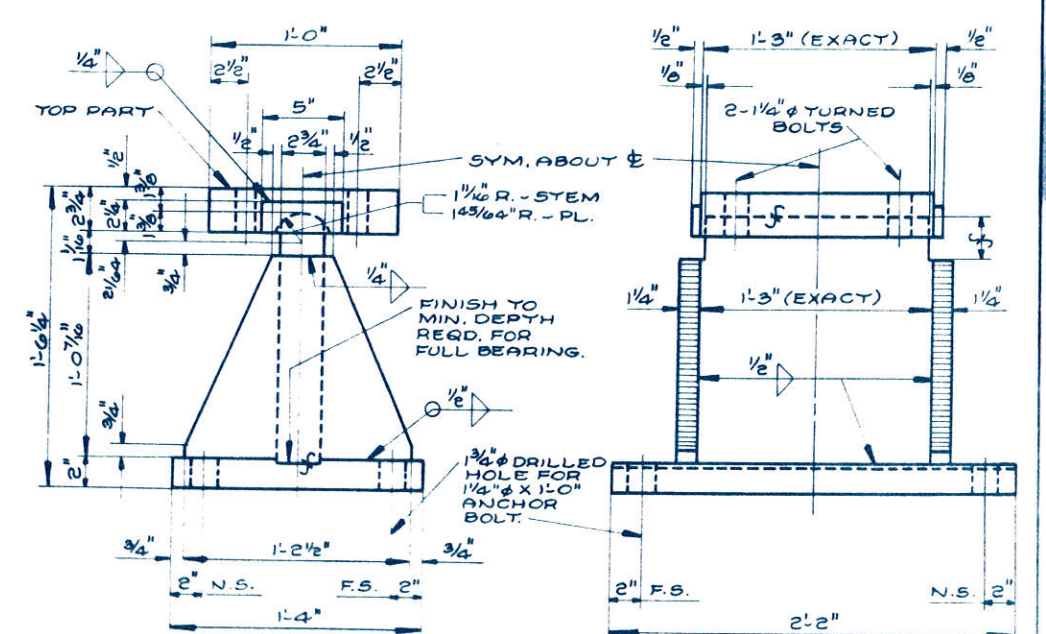
ROCKERS - PIERS 1 & 5.

WEIGHT ONE ROCKER (NO SHIM) — 440 #. 0 REQD.
 WEIGHT ONE ROCKER (WITH SHIM) — 465 #. 0 REQD.



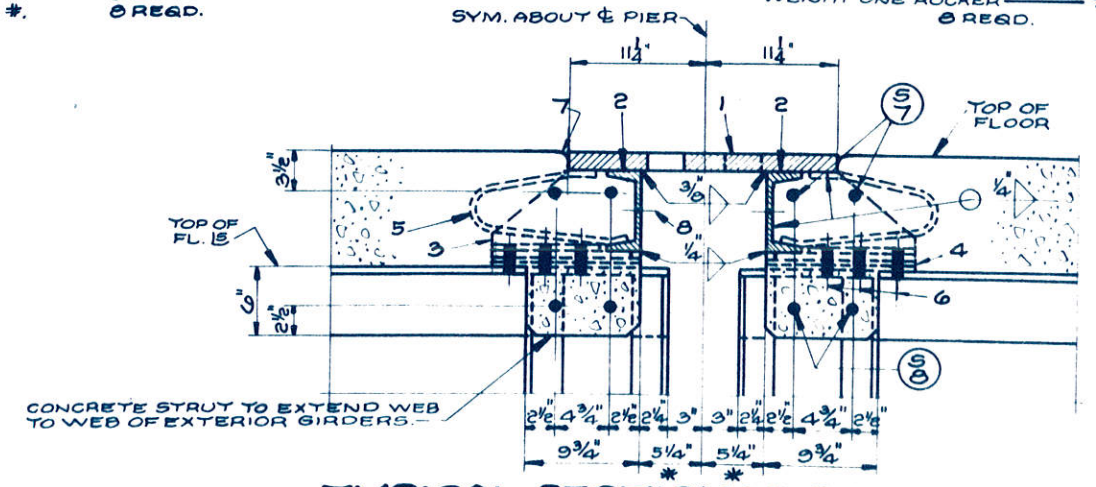
ROCKER - PIERS 2 & 4.

WEIGHT ONE ROCKER — 730 #. 0 REQD.



FIXED SHOE - PIER 3.

WEIGHT ONE FIXED SHOE — 650 #. 4 REQD.



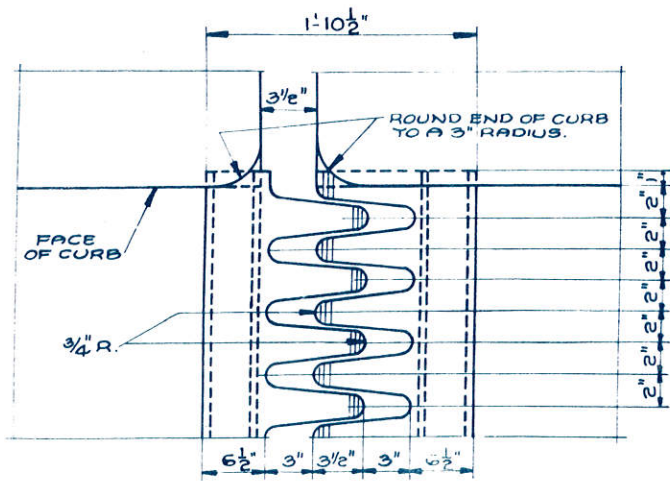
TYPICAL SECTION THRU EXPANSION JOINT AT PIERS 1 & 5.

* BASED ON A NORMAL TEMPERATURE OF 60°F.

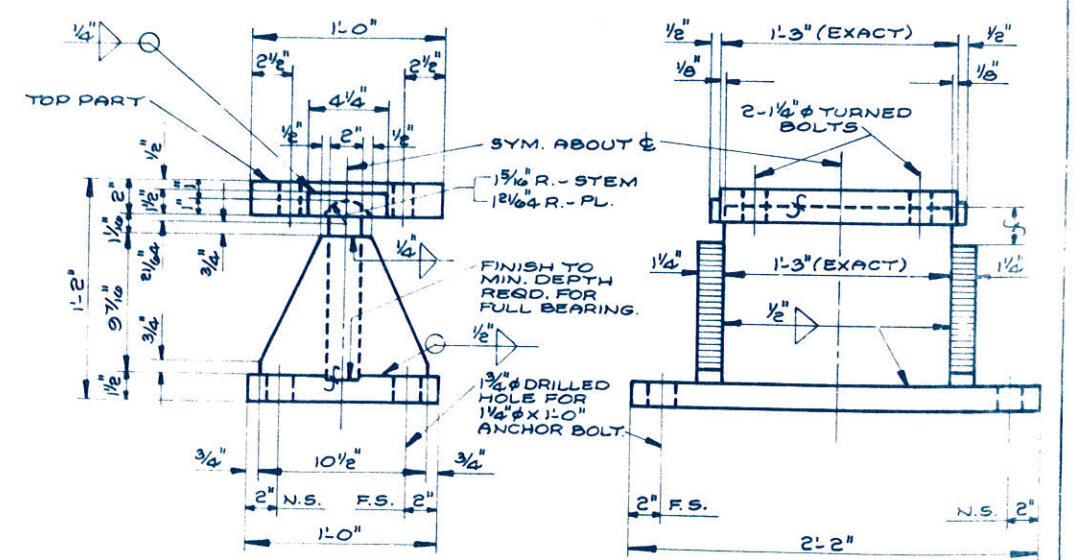
MAKEUP OF EXPANSION JOINT.

- 1 — PL. 19 1/2" x 1 1/4" x 26'-2". ONE CUTS TWO AS DETAILED.
- 2 — 6" x 3" C 16.3 # x 26'-2".
- 3 — ST 7" WF 21.5 # x 1'-3" @ EACH GIRDER.
- 4 — LAMINATED BEVELED SHIM. TOP SEGMENT WHICH IS WELDED TO 2 & 3 MUST BE OF A MINIMUM THICKNESS OF 1/2".
- 5 — 5/8" φ x 2'-0" ANCHORS @ 10" CTRS. WELD CONTINUOUSLY TO 1 & 2.
- 6 — 2-3/4" φ RIBBED TIGHT-FIT BOLTS. DRILL HOLES IN GIRDER IN FIELD.
- 7 — EDGE AND FILL WITH JOINT FILLER.
- 8 — 7/16" φ HOLES @ 3'-0" CTRS. FOR FASTENING 2 TO FORMS.

NOTES: - EXPANSION JOINTS SHALL BE BUILT TO CONFORM TO ROADWAY CROWN AND GRADE. THE 19 1/2" x 1 1/4" PLATE SHALL BE SO MARKED BEFORE CUTTING THAT THE COMPONENT PARTS WILL BE READILY IDENTIFIED FOR PROPER MATCHING IN THE FIELD. ALL CUTS IN THE 19 1/2" x 1 1/4" PLATE SHALL BE MACHINE-FLAME CUTS AND ALL ROUGH EDGES AND SURFACES SHALL BE GROUND SMOOTH AS DIRECTED BY THE ENGINEER. TOP OF ALL TEETH IN JOINT SHALL BE FINISHED TO A BEVEL OF 1" IN 1" AT ENDS OF ALL TEETH.



TYPICAL PART PLAN OF EXP. JOINT.

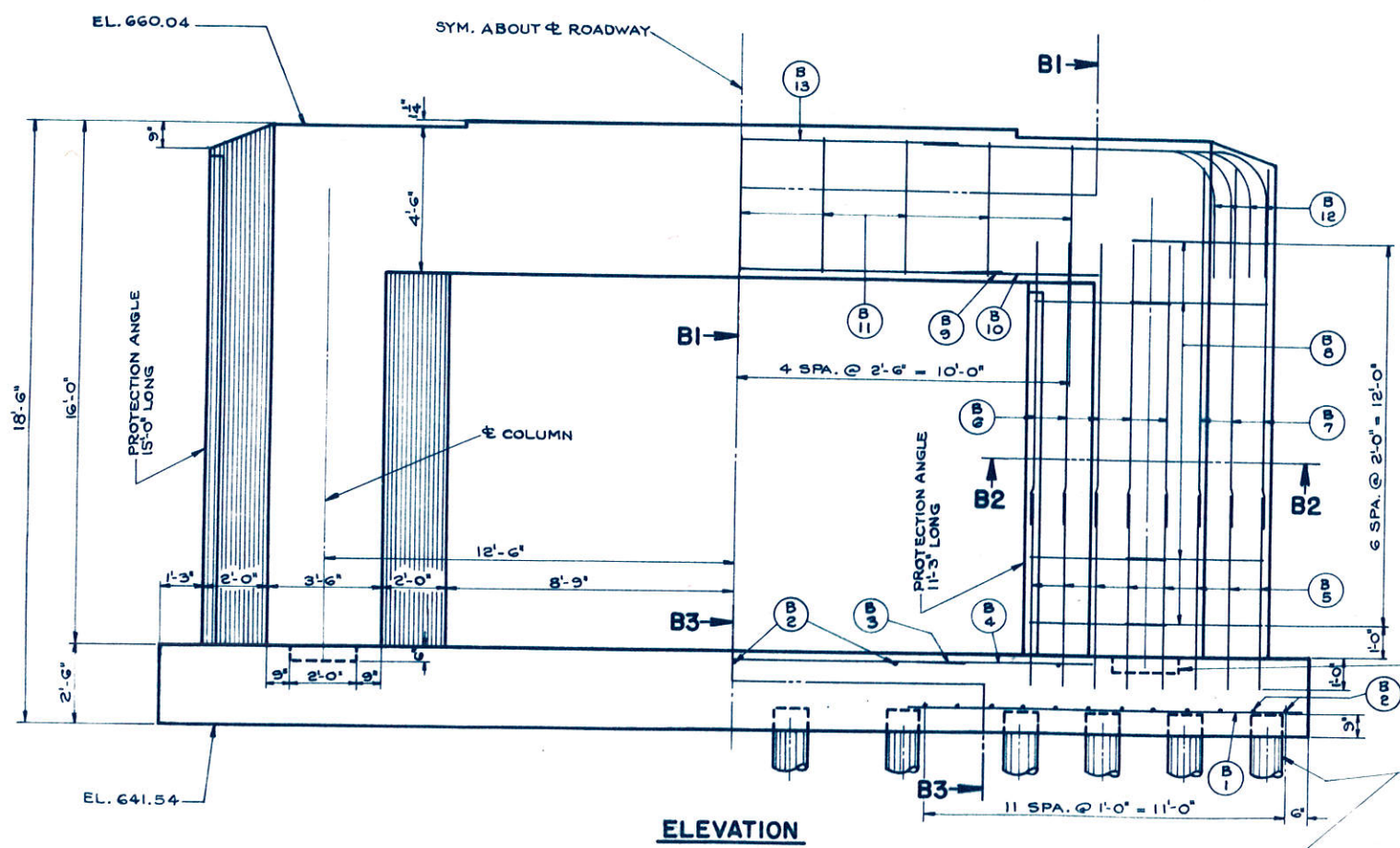


FIXED SHOE - ABUTMENTS.

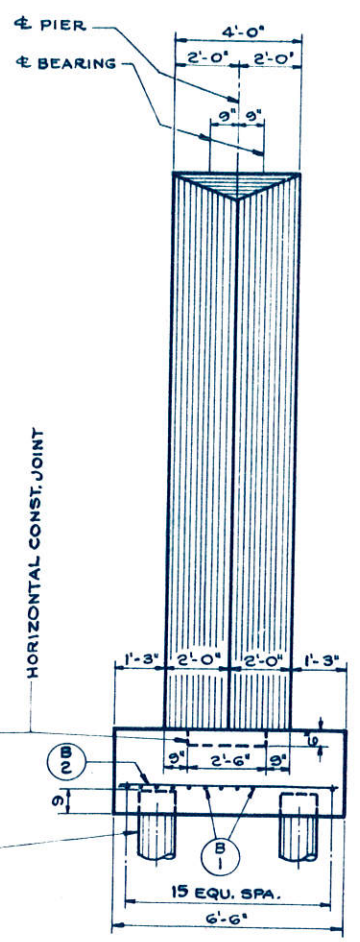
WEIGHT ONE FIXED SHOE — 400 #. 8 REQD.

STATE HIGHWAY COMMISSION OF WISCONSIN			
SUPERSTRUCTURE			
DATE	DESIGNED BY	CHG.	SPR. 1951
11-7-52	LWF	44.C	LOAD H20
STRUCTURE	5-32/61-18		SHEET 4 OF 8

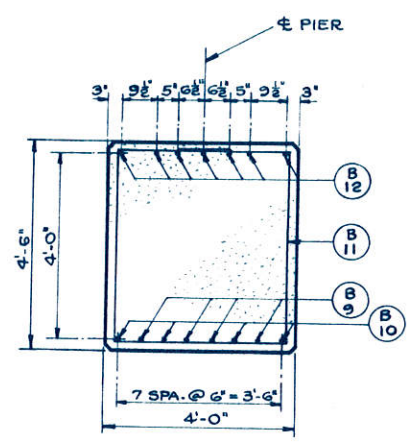
X13088



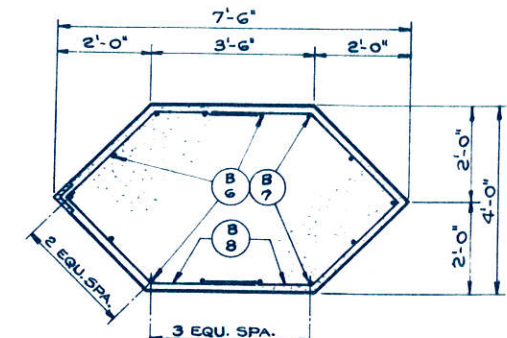
ELEVATION



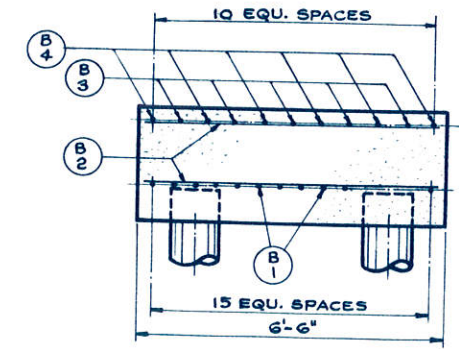
END VIEW



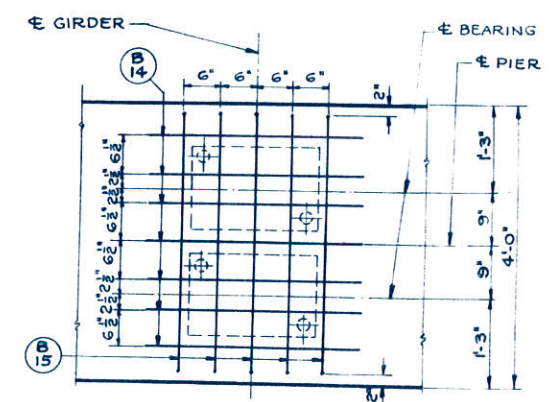
SECTION B1



SECTION B2

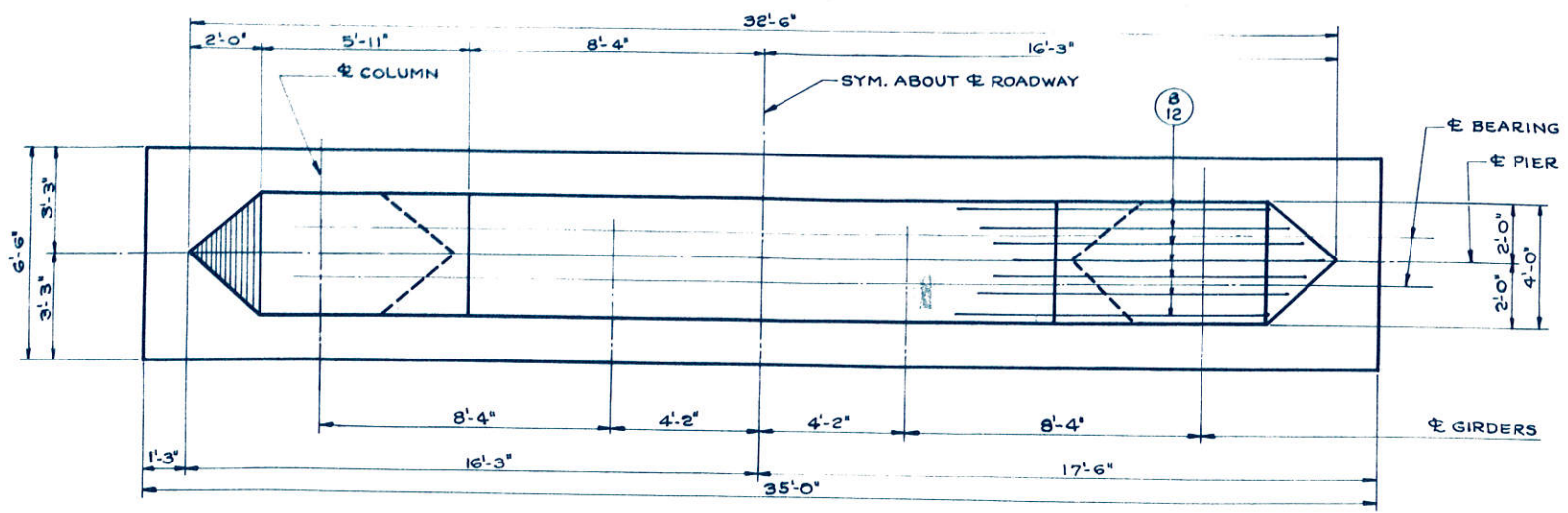


SECTION B3

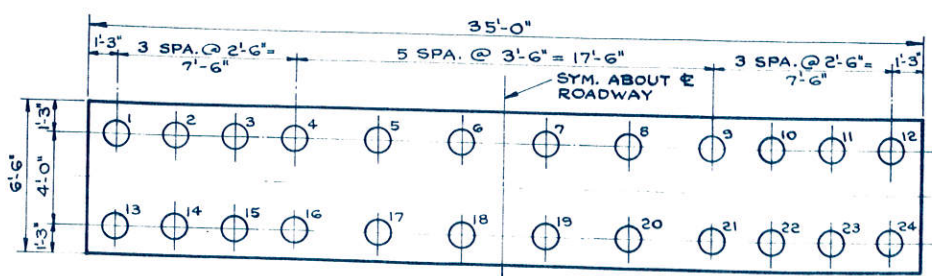


GRID DETAILS

NOTE: IMBED TOP GRID BARS 2" BELOW TOP OF BRIDGE SEAT. OMIT TRANSVERSE BARS B14 AT EXTERIOR GIRDERS.



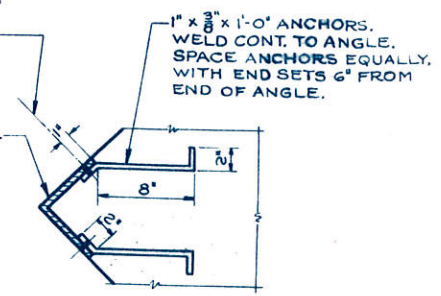
PLAN



FOOTING PLAN

SHOWING PILE SPACING AND NUMBERING, UNTREATED PILES.

7/16" HOLES FOR BOLTING ANGLES TO FORMS. PUNCH ONE SET OF HOLES 3" FROM EACH END AND ADDITIONAL SETS MIDWAY BETWEEN ADJACENT ANCHORS.
ON UP STREAM SIDE ONLY.
6" x 6" x 3/8" PROTECTION ANGLE.
2 REQD. 15'-0" LONG - 6 SETS ANCHORS PER L.
2 REQD. 11'-3" LONG - 5 SETS ANCHORS PER L.



PROTECTION ANGLE DETAILS

BOTH FACES OF PROTECTION ANGLE SHALL BE PAINTED WITH RED LEAD. THE OUTER FACES SHALL RECEIVE TWO ADDITIONAL COATS OF FIELD PAINT. SEE SPECIFICATIONS.