

INDEX OF SHEETS

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- SHEET NO. 2 -2.1 TYPICAL CROSS SECTIONS
- SHEET NO. 2 -2.1 ESTIMATE OF QUANTITIES
- SHEET NO. 2 MISCELLANEOUS QUANTITIES
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- SHEET NO. 3 PLAN AND PROFILE STA. 60+50 TO STA. 77+00
- SHEET NO. 4 -7 STANDARD DETAILS
- SHEET NO. 8 -9 DRAINAGE STRUCTURES
- SHEET NO. 10 -12 CROSS SECTIONS

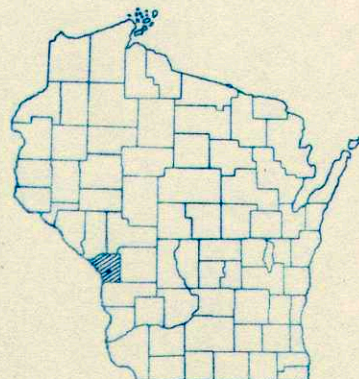
COUNTY AND HIGHWAY	ROUTE AND SECTION	CLASS AND AGREEMENT		FEDERAL DIVISION OFFICE	SHEET NUMBER	TOTAL SHEETS
		STATE	FEDERAL			
32.6	123.0		11.2	WIS. 5 N	1	12

STATE OF WISCONSIN  
STATE HIGHWAY COMMISSION OF WISCONSIN

PLAN AND PROFILE OF PROPOSED

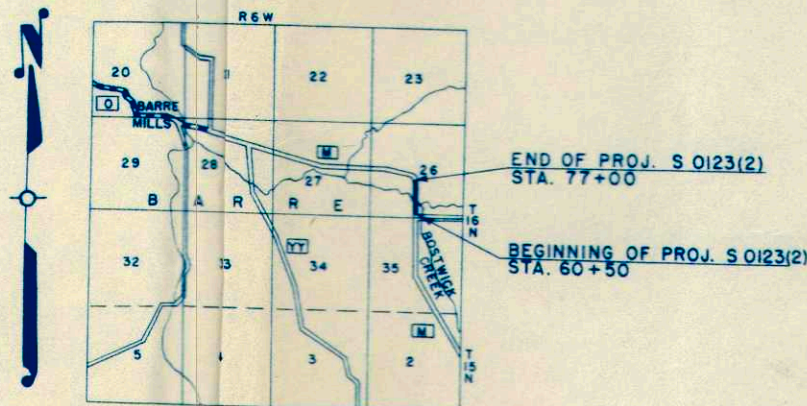
S.T.H. 33 - BARRE MILLS (BOSTWICK BR.)  
LA CROSSE COUNTY  
PROJECT S 0123(2)

# 69  
# 70



BEGINNING AT THE S 1/4 CORNER, SEC. 26,  
T16N, R6W THENCE NORTH 0.313 MILE.

SCALES { PLAN 1 IN. = 100 FT.  
PROFILE HOR. 1 IN. = 100 FT. VERT. 1 IN. = 10 FT.  
CROSS SECTIONS HOR. 1 IN. = 5 FT. VERT. 1 IN. = 5 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 75.16 |
| RAILROADS                 | ----- |                               |                  |
| BASE OR SURVEY LINE       | ----- |                               |                  |

LAYOUT

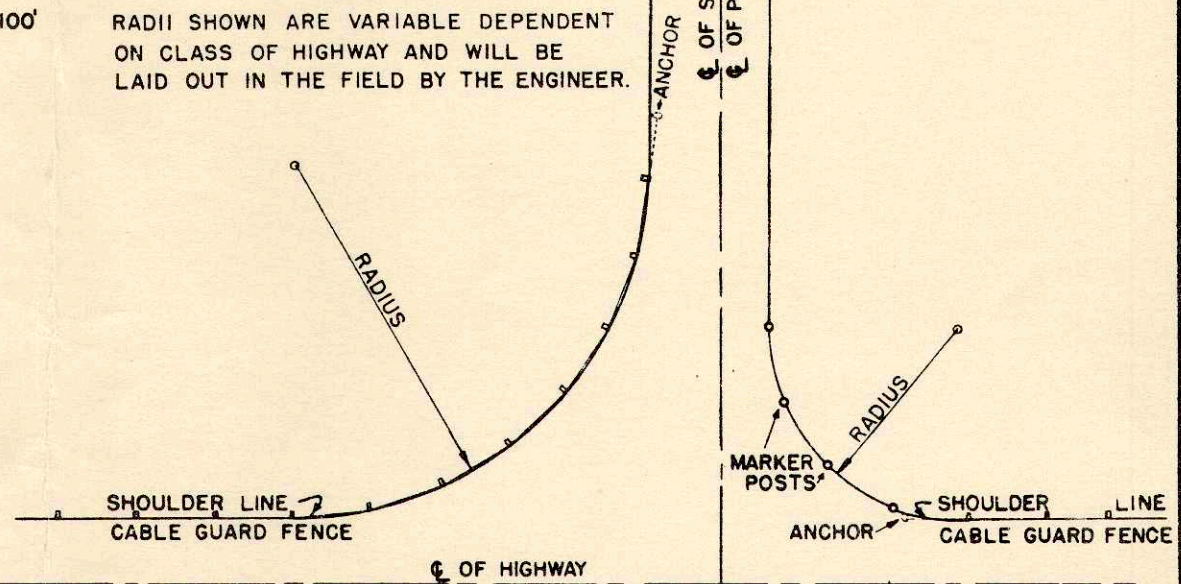
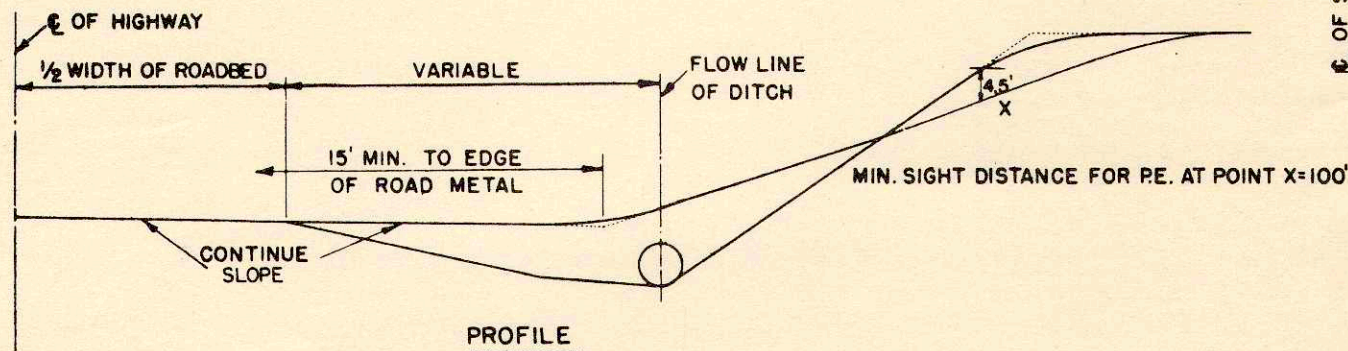
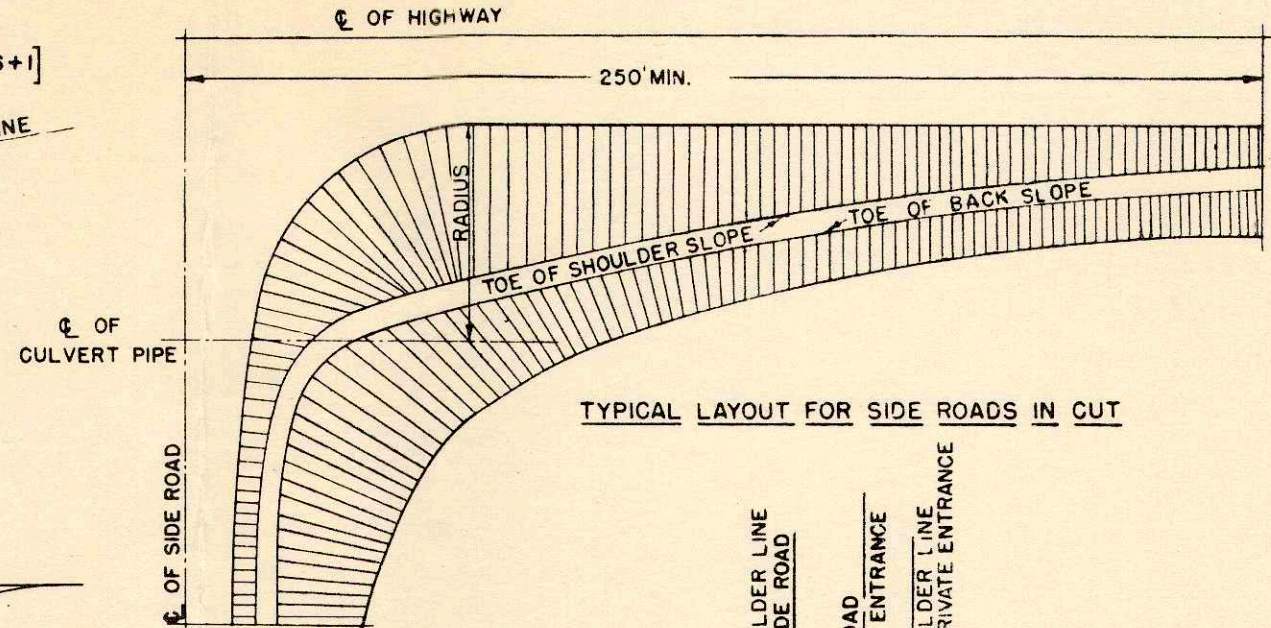
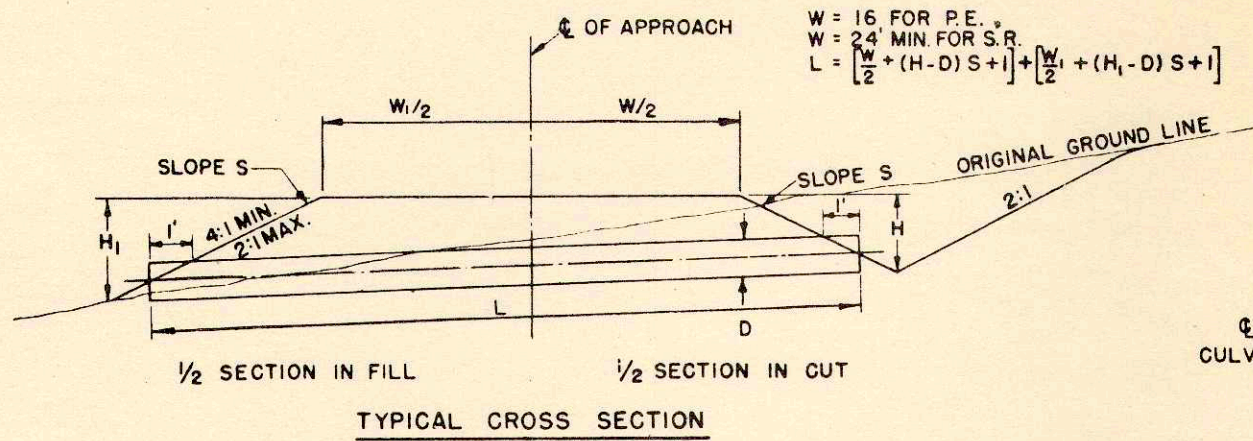
SCALE 1 MILE

TOTAL NET LENGTH OF CENTERLINE = 0.313 MI.

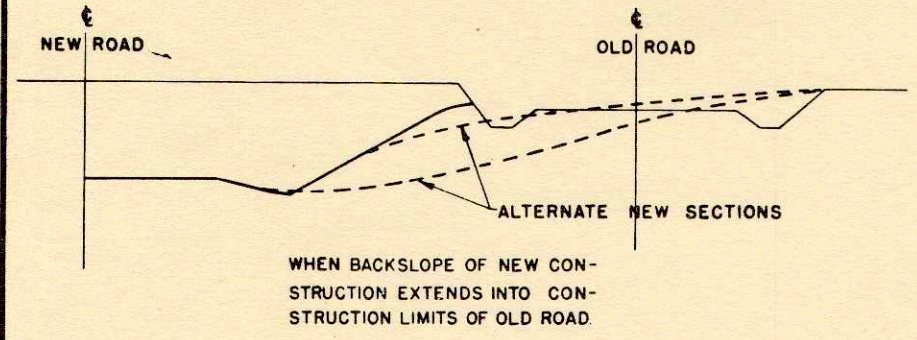
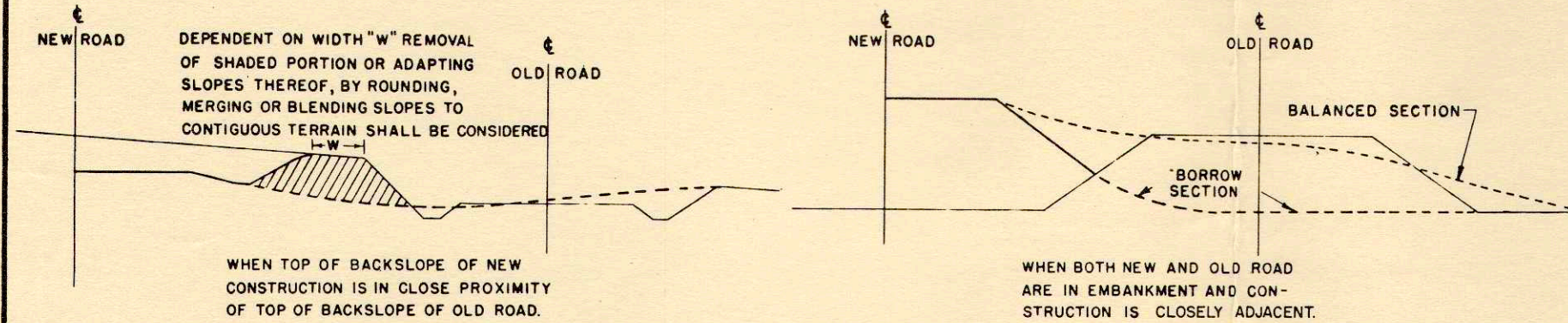
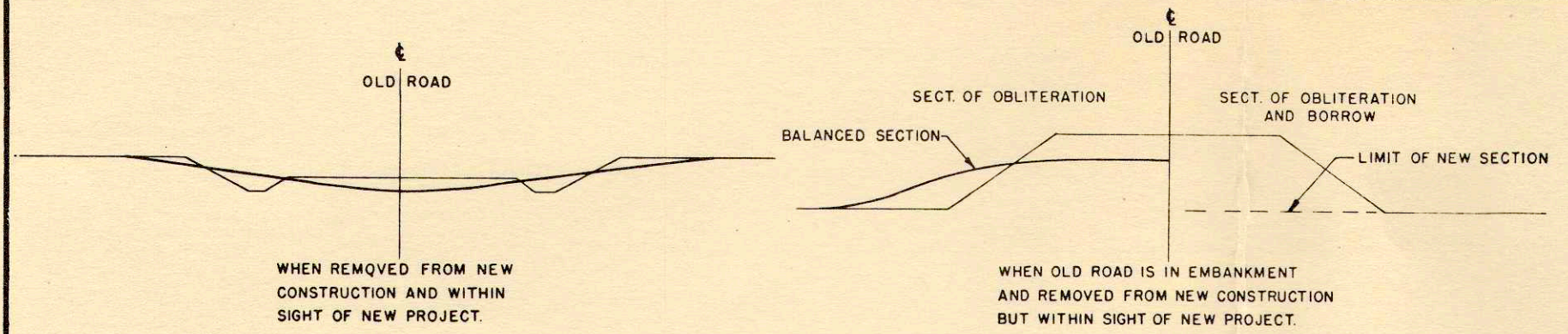
STATE HIGHWAY COMMISSION OF WISCONSIN MADISON, WIS.	
SURVEYOR <u>W.L.S.</u>	NOTE BOOK <u>8720</u>
DIVISION COMPUTER <u>J.W.L.</u>	N. & C. CHECKER
DIVISION CHECKER <u>B.C.M.</u>	CORRECT
CORRECT:	
DATE <u>2/27/51</u>	<u>T.M. Reynolds</u> DIVISION ENGINEER
RECOMMENDED FOR APPROVAL:	
DATE <u>8/13/51</u>	<u>C.L. Phelps</u> CONSTRUCTION ENGINEER
APPROVED:	
DATE <u>8/14/51</u>	<u>E.L. Rostrom</u> STATE HIGHWAY ENGINEER

DEPARTMENT OF COMMERCE BUREAU OF PUBLIC ROADS	
RECOMMENDED FOR APPROVAL:	
DISTRICT ENGINEER	DATE
APPROVED:	
DIVISION ENGINEER	DATE

S0123(2)

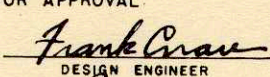
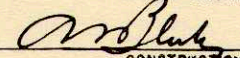



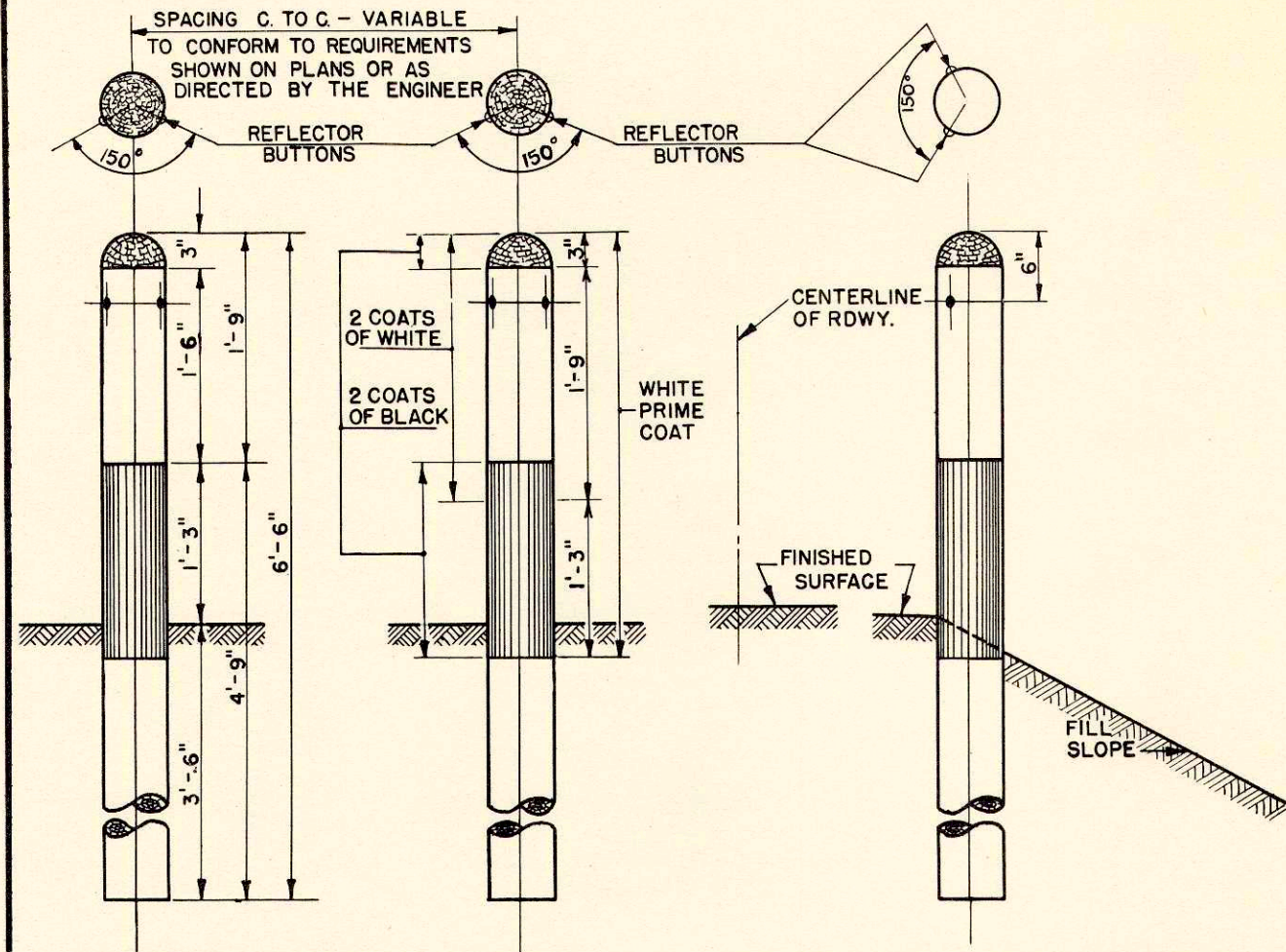
**DETAILS OF PRIVATE ENTRANCE AND SIDE ROAD APPROACHES**  
 STATE HIGHWAY COMMISSION OF WISC.  
 RECOMMENDED FOR APPROVAL:  
 Frank Crow  
 DESIGN ENGINEER  
 Construction Engineer  
 DATE  
 APPROVED: OCT. 1, 1945  
 DRAWN  
 CHECKED  
 DATE  
 STATE HIGHWAY ENGINEER



**CONSTRUCTION NOTES**

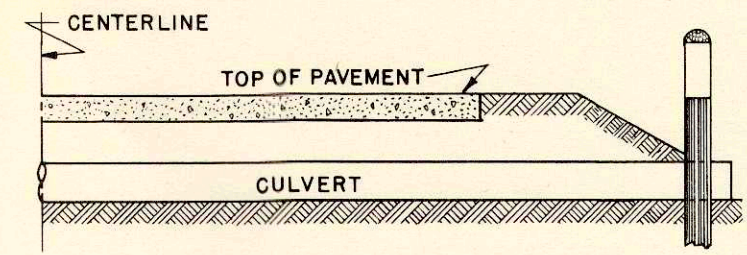
DETAILS OF CONSTRUCTION NOT SHOWN SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

<b>OBLITERATING OLD ROAD</b>	
STATE HIGHWAY COMMISSION OF WISC.	
RECOMMENDED FOR APPROVAL:	
 DESIGN ENGINEER	
 CONSTRUCTION ENGINEER	
DATE	OCT. 1, 1945
APPROVED:	 STATE HIGHWAY ENGINEER
DRAWN C.A.L.	CHECKED R.F.C.

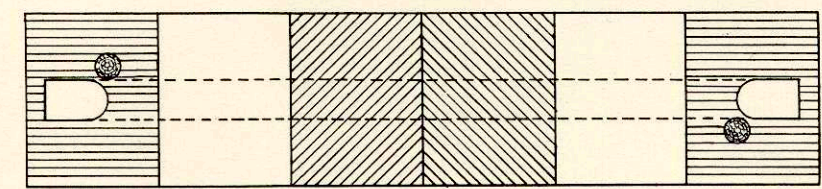


**ELEVATION SHOWING SPACING**

**ELEVATION SHOWING LOCATION ON ROAD SHOULDER**



**SECTION WITH CULVERT MARKER**



**PLAN SKETCH**

SPACING OF MARKER POSTS FOR VARYING LENGTHS OF SHOULDER TO BE PROTECTED.

100 FT. TO 500 FT. ----- 50 FT.  
 500 FT. OR MORE ----- 100 FT.  
 SEE MISCELLANEOUS QUANTITY SHEET OF PLANS.

**GENERAL NOTES**

CONSTRUCTION DETAILS NOT SHOWN HERE SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

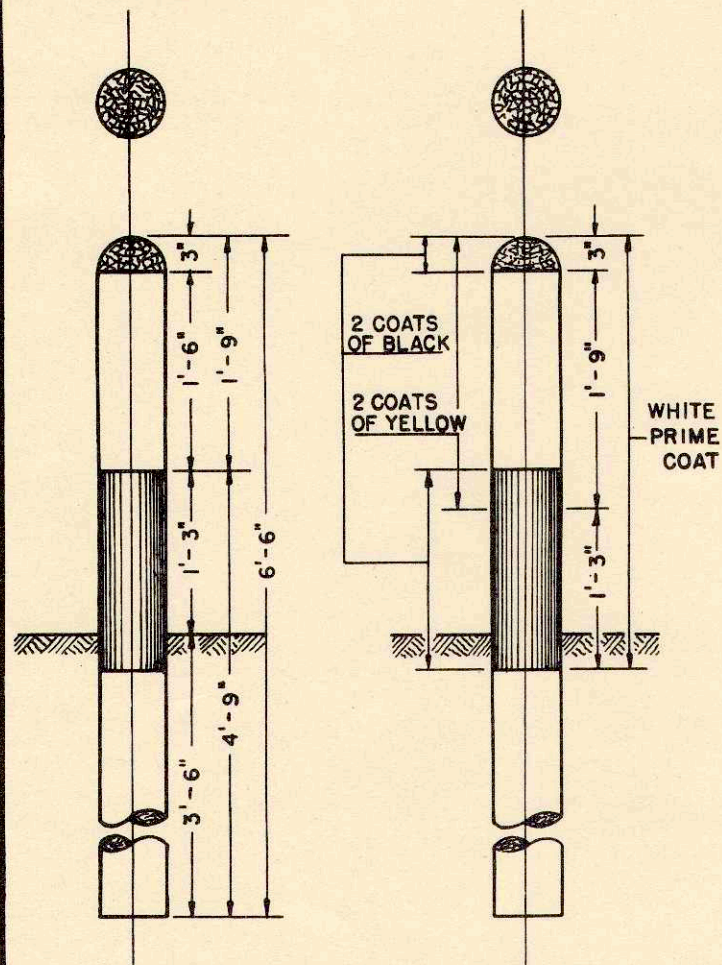
POSTS SHALL BE 6" CONFORMING TO THE REQUIREMENTS OF SECTION 4124

REFLECTOR BUTTONS SHALL BE SIZE NO.1 CRYSTAL, FOR WOOD MOUNTING. DRILL MOUNTING HOLE TO FIT BUTTON (GENERALLY 7/8" DIAMETER.)

WHERE CABLE GUARD FENCE OR MARKER POSTS ARE USED THE CULVERT MARKER POST SHOULD BE OMITTED.

MARKER POST AS CULVERT MARKER TO BE PLACED AT BOTH ENDS OF CULVERT ON NEAR SIDE OF CULVERT. NO REFLECTOR BUTTON REQUIRED.

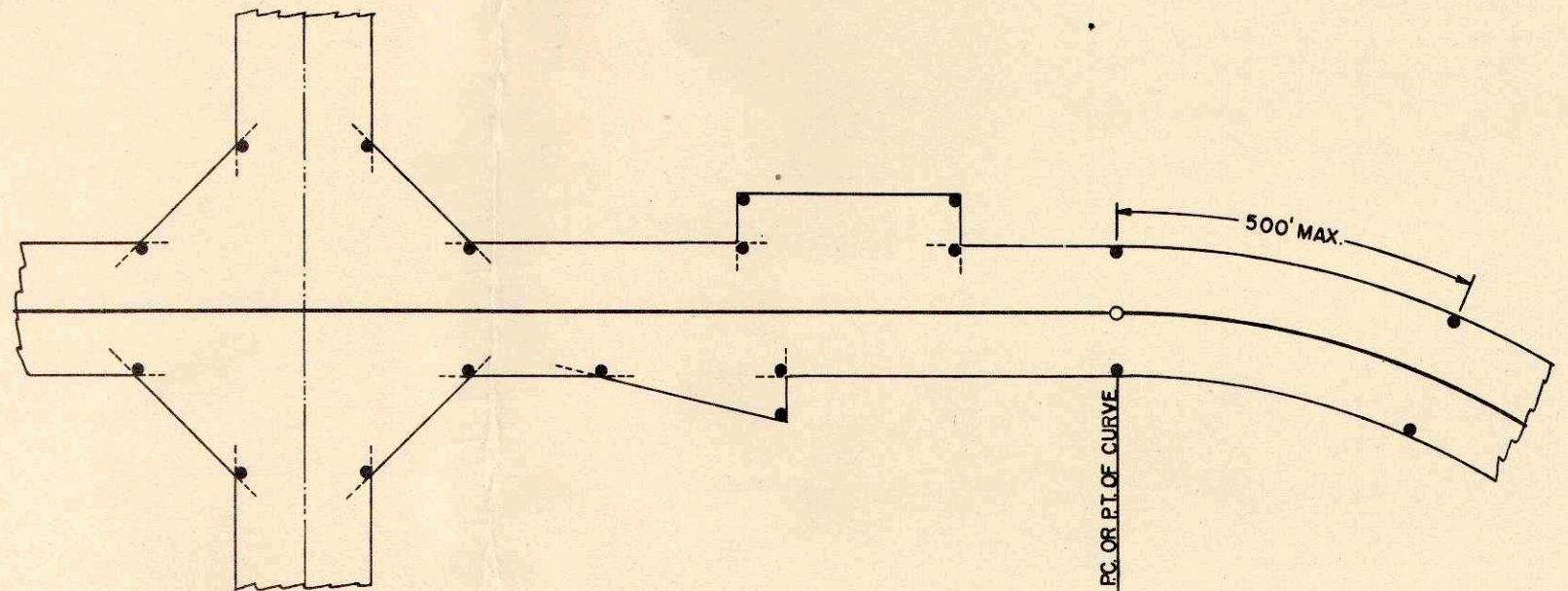
<b>MARKER POSTS FOR SHOULDER DELINEATION AND CULVERTS</b>	
STATE HIGHWAY COMMISSION OF WISC.	
RECOMMENDED FOR APPROVAL:	
<i>Frank Crane</i> DESIGN ENGINEER	
DATE	<i>W. Bluh</i> CONSTRUCTION ENGINEER
APPROVED:-	OCT. 1, 1945
DRAWN C.A.L.	<i>E. G. Rostetter</i> DATE STATE HIGHWAY ENGINEER
CHECKED D.F.C.	



**ELEVATION SHOWING SETTING AND PAINTING**

POSTS MAY BE SHAPED AND PAINTED PRIOR TO SETTING. ANY DAMAGE TO PAINT SURFACE DURING ERECTION MUST BE TOUCHED UP BEFORE ACCEPTANCE.

R/W MARKER POSTS SHALL BE ERECTED IN ADVANCE OF GRADING OPERATIONS.



**TYPICAL PLAN SHOWING LAYOUT OF POSTS.**

**GENERAL NOTES**

CONSTRUCTION DETAILS NOT SHOWN HERE SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

POSTS SHALL BE 6" CONFORMING TO THE REQUIREMENTS OF SEC. 4124.

POSTS SHALL BE LOCATED AT THE P.C. AND P.T. OF CURVES AND AT JOGS AND BREAKS IN THE R/W LINES. AT LEAST ONE POST SHALL BE SET ON EACH SIDE OF THE ROADWAY BETWEEN THE P.C. AND P.T. NOT MORE THAN 500 FT. FROM THE ADJACENT POSTS. A SUFFICIENT NUMBER OF INTERMEDIATE POSTS ON TANGENT LINES SHALL BE SET SO THAT THEY WILL BE VISIBLE FROM ONE TO THE NEXT.



THE POSTS SHALL BE PLACED AT THE OUTER LIMITS OF THE HIGHWAY BUT ENTIRELY WITHIN THE R/W, AND SHALL BE SO PLACED THAT THE OUTER EDGE OF THE POST WILL BE TANGENT TO THE R/W LINE OR LINES EXTENDED.

THE EXACT LOCATION SHALL BE STAKED IN THE FIELD BY THE ENGINEER.

SEE SEC. 4125.04 (f) FOR YELLOW PAINT SPECIFICATIONS.

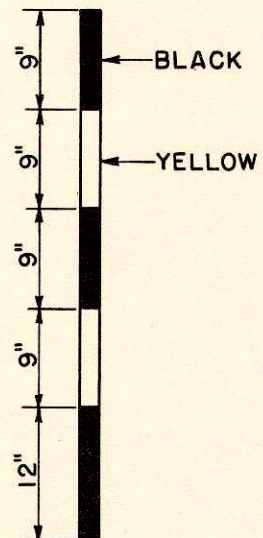
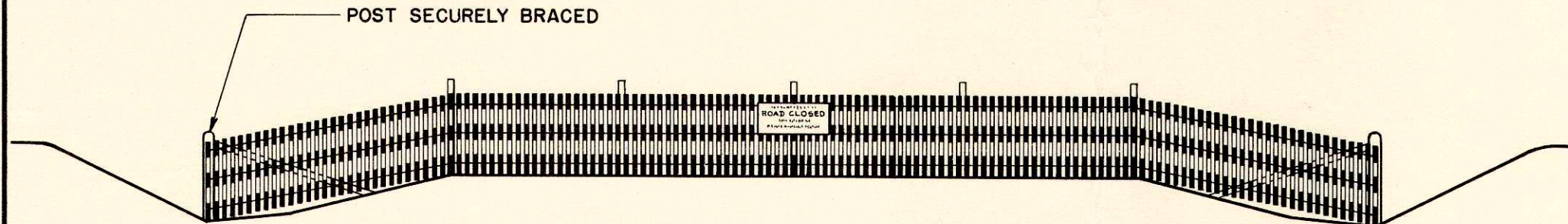
SEE SEC. 4125.04 (e) FOR BLACK PAINT SPECIFICATIONS.

SEE SEC. 4125.04 (C)(1) FOR WHITE PRIME COAT.

<b>MARKER POSTS</b>	
FOR <b>RIGHT OF WAY</b>	
STATE HIGHWAY COMMISSION OF WISCONSIN	
RECOMMENDED FOR APPROVAL:	
 CONSTRUCTION ENGINEER	
APPROVED:	
DATE: JAN. 19, 1950	
DRAWN: D.V.D. CHECKED: N.F.C.	 STATE HIGHWAY ENGINEER

SECTION OF SNOW FENCE TO BE PAINTED ALTERNATELY BLACK AND YELLOW AS SHOWN BELOW.  
 LENGTH TO BE SUFFICIENT TO REACH FROM TOE OF THE BACKSLOPE TO TOE OF THE BACKSLOPE.  
 PROVIDE SUFFICIENT NUMBER OF INTERMEDIATE POSTS TO ADEQUATELY SUPPORT THE FENCE.

STANDARD "ROAD CLOSED" SIGN (W.H.C.- NO. R-15) TO BE ERECTED ON FENCE AT THE TOP ON  
 THE CENTERLINE OF ROAD. SIGN WILL BE FURNISHED BY COMMISSION.



DETAIL SHOWING METHOD OF STRIPING  
 FOR 4' SNOW FENCE.

STATE HIGHWAY COMMISSION OF WISCONSIN	
<b>CONSTRUCTION BARRICADE</b>	
RECOMMENDED FOR APPROVAL:	
<i>Frank Grace</i> DESIGN ENGINEER	
<i>A. Blum</i> CONSTRUCTION ENGINEER	
APPROVED:-	
DRAWN <i>HM</i>	OCT. 1, 1945 <i>E. G. Follmer</i>
CHECKED <i>WHG</i>	DATE STATE HIGHWAY ENGINEER

# ESTIMATE OF QUANTITIES

CONTRACT NO. 1

PROJECT	SHEET NO.	TOTAL SHEETS
50123(2)	2	12

THIS PROJECT IS TO BE EXECUTED UNDER THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION OF THE STATE HIGHWAY COMMISSION OF WISCONSIN - EDITION OF 1951 SUBMITTED FOR APPROVAL MARCH 2, 1951 FEDERAL AID REQUIRED  
CONTRACT PROVISIONS APPROVED NOV. 8, 1948 AND SPECIAL PROVISIONS AS ATTACHED TO PROPOSALS

STATION TO STATION	NET LENGTH OF CENTER LINE	CLEAR-GRUBBING		EXCAVATION			SAND GRAVEL FILL	FIN. ISHING ROADWAY	OBLIT. ERATING OLD ROAD	GRAVEL OR CRUSHED STONE BASE COURSE		CULVERT PIPE					GUARD FENCE			MARKER POSTS FOR R/W	PREPARATION OF ROAD BED FOR BITUMINIOUS SURFACE COURSE	TEMP. ORARY CROSSING	AGGREGATE FOR BITUMINIOUS ROADWAY	BITUM. MATL. FOR SURFACE COURSE	MANIP. -ULA-TION	REMOVE OLD BRIDGE	EXCAV. FOR STRUCTURES	CONC. MASONRY BRIDGES	BAR STEEL REINF. BRIDGES	STRUCT. CARBON STEEL	SHEET LEAD	UNTREATED TIMBER PILING (2*50)	TREATED TIMBER PILING DELIVERED	TREAT'D TIMBER PILING DRIVEN	FLOOR DRAINS	TOPSOIL		FER-TIL-IZER	SEEDING	
		ING	ING	COMMON	BORROW	210 -				2110-1	2411-1	2411-12	2512-1	2523-	2523-	25233	2523-4	2310-1	2513-1																	S. P.	2313-3			S. P.
UNIT	LIN. FT.	IN. DIA.	IN. DIA.	C.Y.	C.Y.	C.Y.	C.Y.	STA.	STA.	C.Y.	C.Y.	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	C.Y.	LIN. FT.	EACH	EACH	STA.	L.S.	C.Y.	GAL.	MILE	L.S.	C.Y.	C.Y.	LB.	LB.	LB.	L.S.	LIN. FT.	LIN. FT.	EACH	SQ. YD.	SQ. YD.	CWT.	SQ. YD.	
60+50-77+00	1650.0	17	17	3742	2894		2411	15.8		1220		80	116				318										1	50	356	9910	76630	188	1	700	700	4	1600			9500

### MISCELLANEOUS QUANTITIES

CLEARING & GRUBBING		
STATION	SIDE	IN. DIA.
69+36	R	17

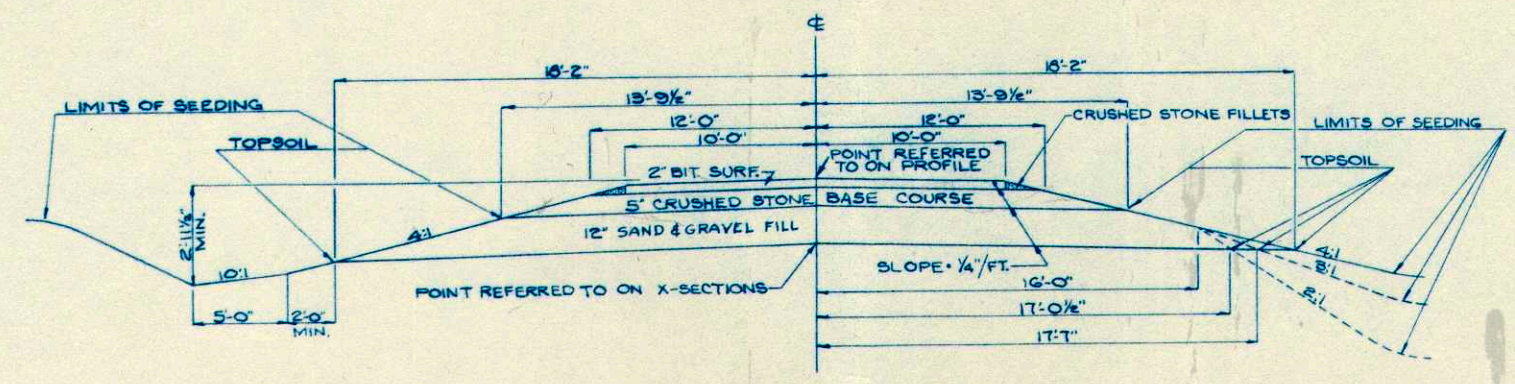
MARKER POSTS		
STATION	LOC.	NO.
64+00	L & R	2
69+25-69+50	25' CTR'S.	2
69+00-69+50	" "	3
70+24-72+74	" "	11
70+24-72+24	" "	9

CRUSHED STONE BASE COURSE		
STATION	LOC.	C.Y.
60+50-77+00	±	850
67+03	PE. L & R	20
72+50	PE. R	10
73+57	PE. L	10
73+84	PE. L	10
STOCKPILE	—	320

CULVERT PIPE		
STATION	LOC.	SIZE
64+00	±	2-36" X 88'
72+50	PE. R	24" X 28'
73+57	PE. L	24" X 24'
73+84	PE. L	24" X 28'

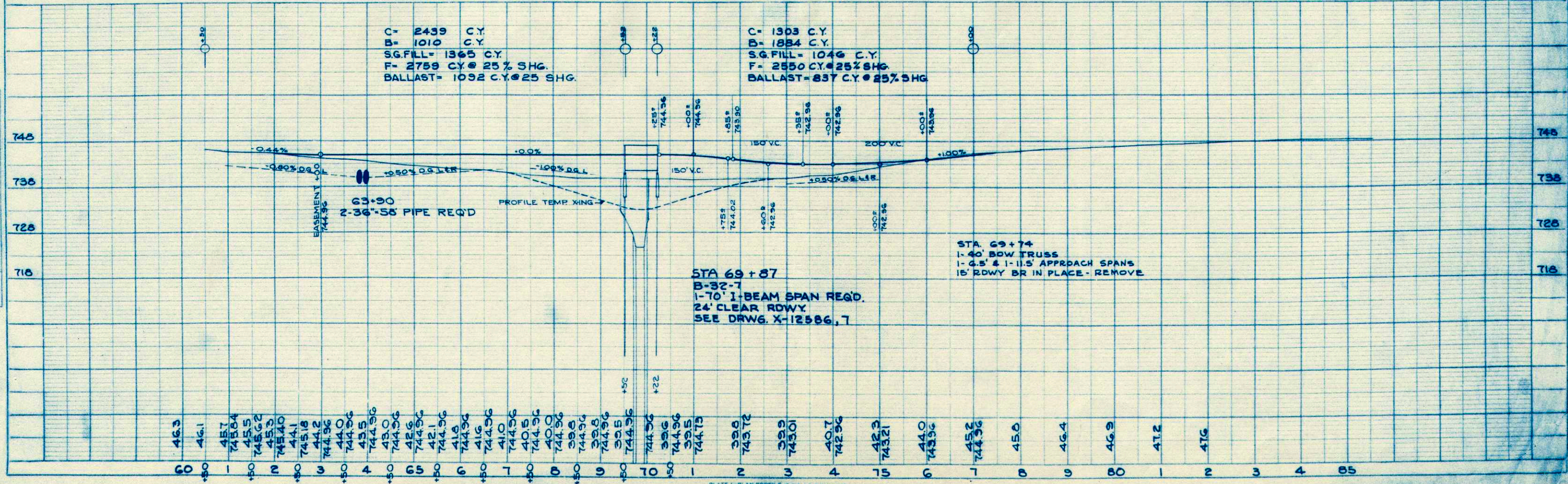
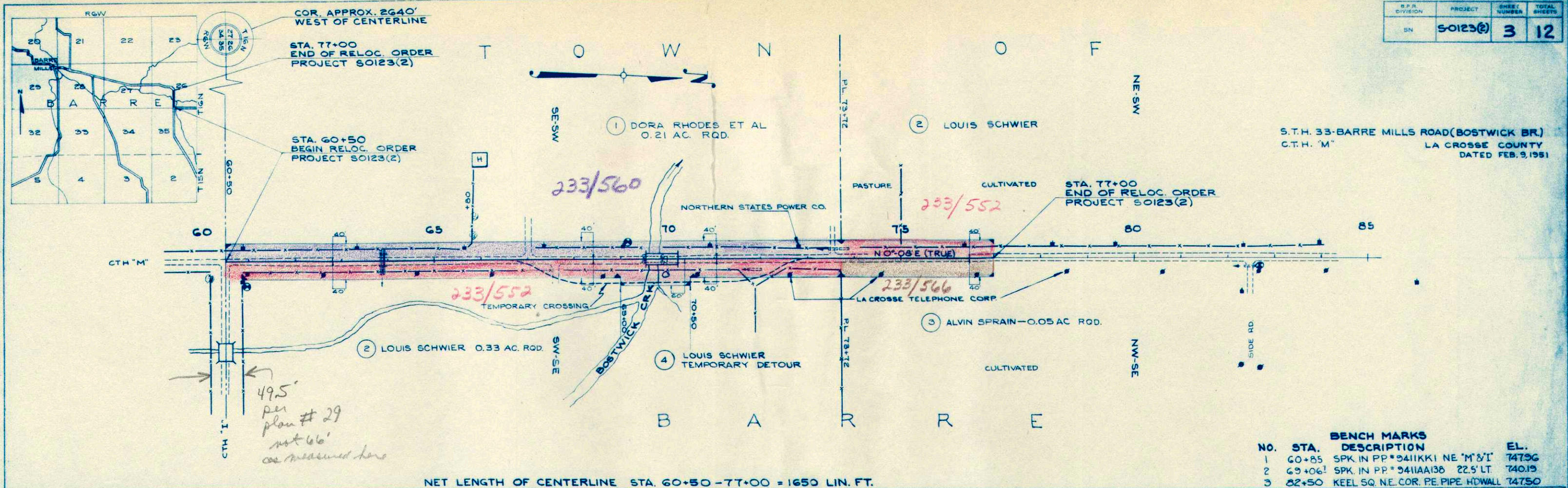
RIPRAP		
STATION	LOC.	C.Y.
69+00-69+52	RT. FILL SLOPE	58

MARKER POSTS - R/W		
STATION	LOC.	NO.
60+50	L	1
60+83	R	1
69+00	R	2
70+50	R	2
73+72	L & R	2
77+00	L & R	2

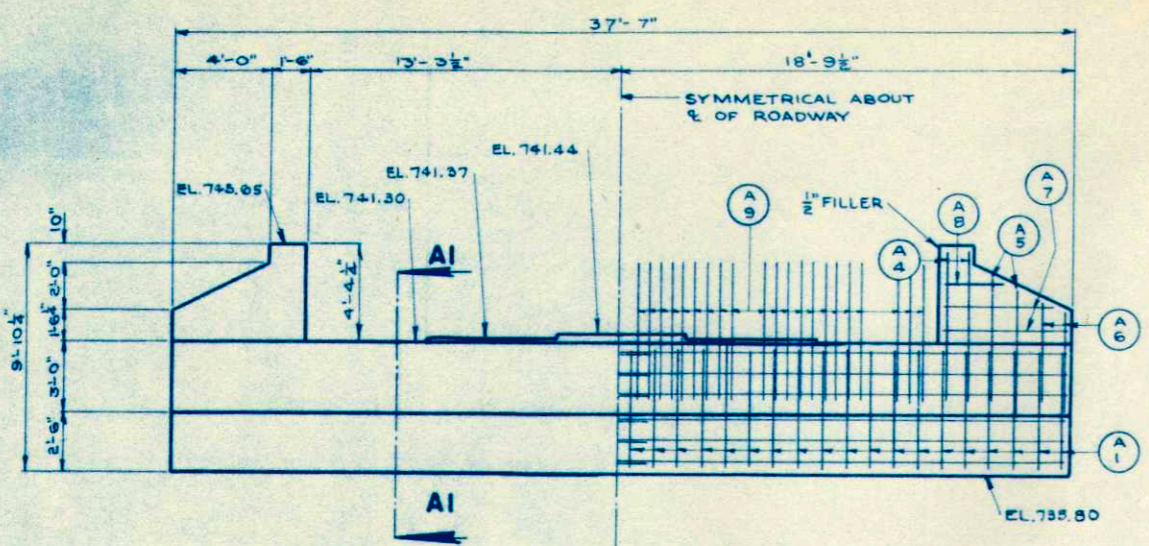


**TYPICAL SECTION**  
BITUM. SURFACING NOT PART OF THIS CONTRACT

APPLICABLE STANDARD DETAIL DRAWINGS  
 DETAILS OF RE. / SIDE ROAD APPR. ----- 7-3.11  
 MARKER POSTS - SHOULDER AND CULVERTS ----- 7-1.11  
 MARKER POSTS FOR R/W ----- 7-1.22  
 CONSTRUCTION BARRICADE ----- 7-4.11

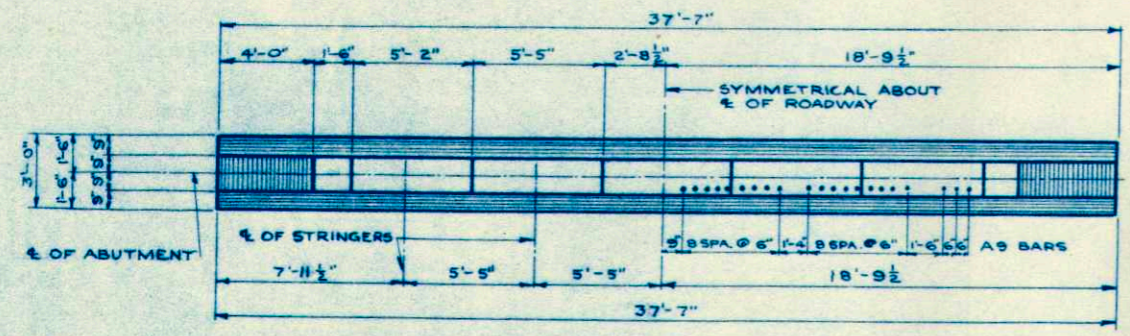






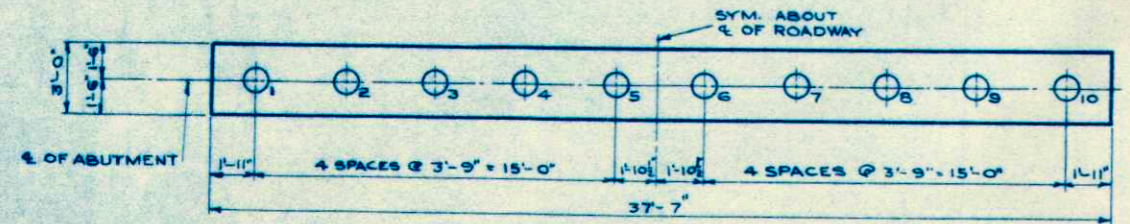
**ELEVATION**

**END VIEW**



**PLAN**

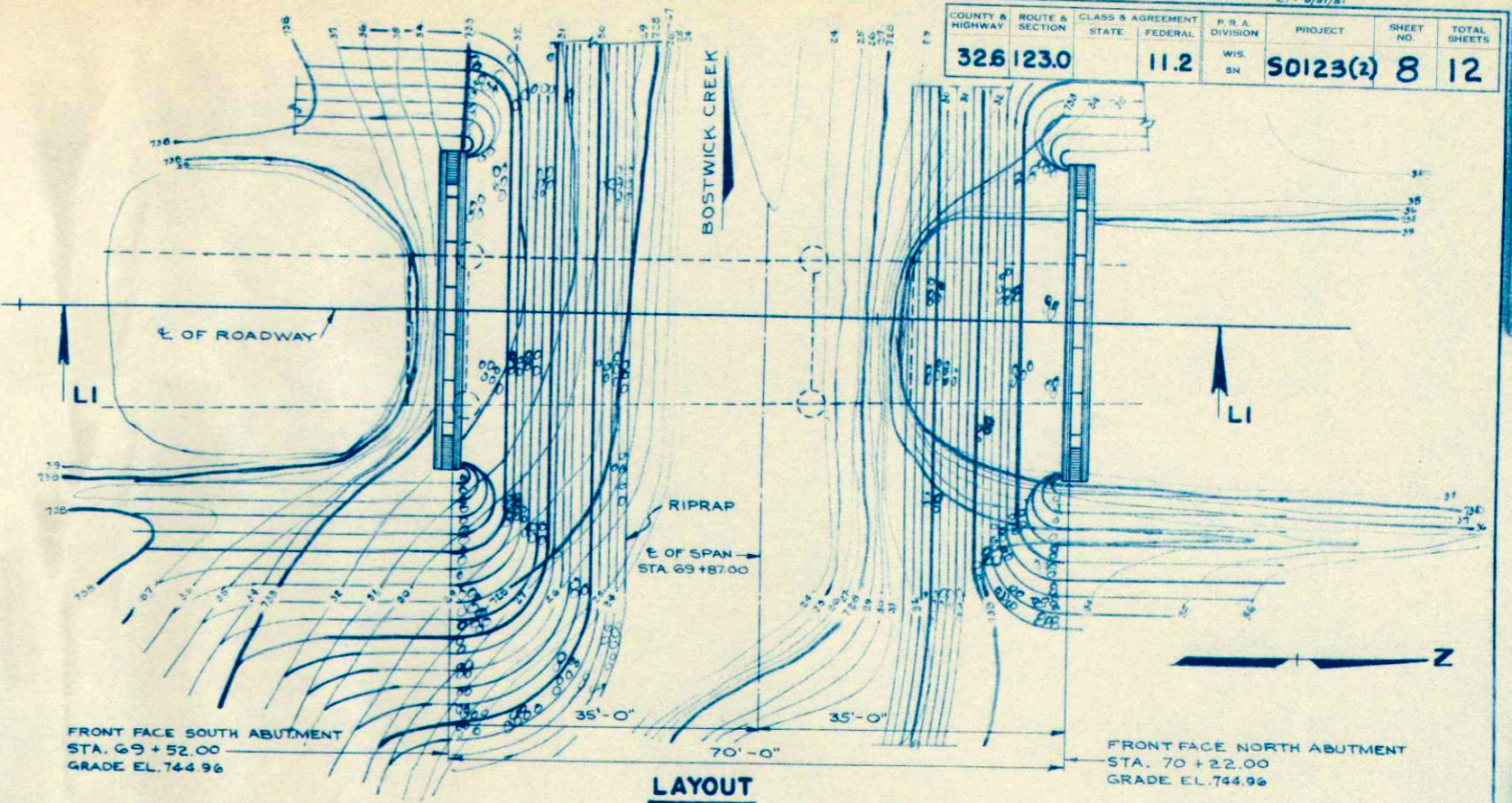
**DETAIL A**



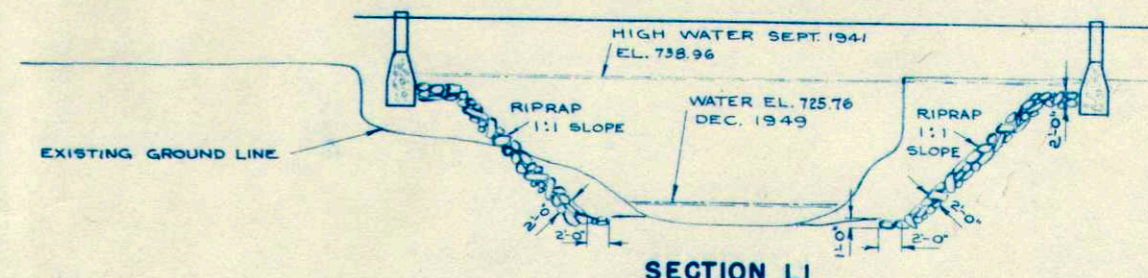
**PLAN**

SHOWING PILE SPACING

**DETAIL B**



**LAYOUT**



**SECTION LI**

**GENERAL NOTES**

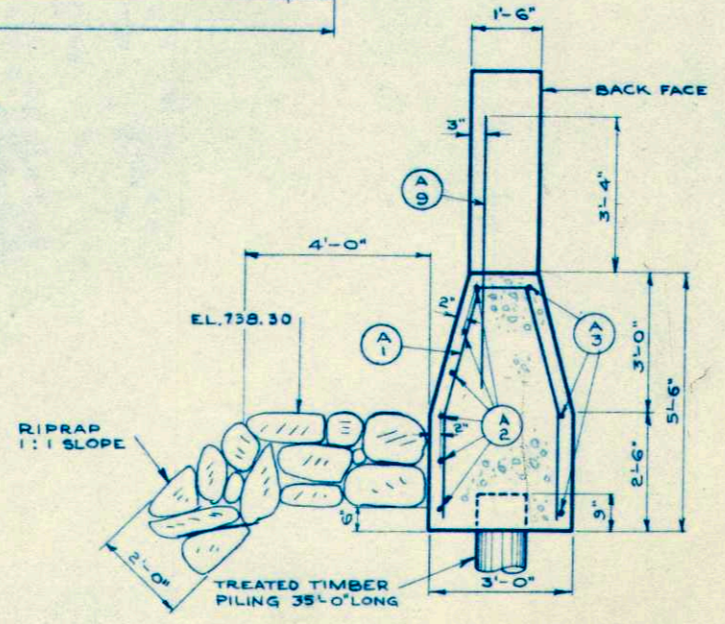
DRAWINGS SHALL NOT BE SCALED  
 ALL CONCRETE MASONRY SHALL BE GRADE "AA"  
 BEVEL EXPOSED EDGES OF CONCRETE 1" UNLESS OTHERWISE SPECIFIED.  
 BAR STEEL REINFORCEMENT IN FLOOR SHALL BE CUT OFF AT FLOOR DRAINS.  
 UNLESS OTHERWISE SPECIFIED, ALL FIELD CONNECTIONS IN RAILING POST CONNECTIONS TO CHANNEL BRACKETS SHALL BE 3/4" RIVETS OR TURNED BOLTS. OTHER FIELD CONNECTIONS SHALL BE MADE WITH 3/4" RIVETS OR RIBBED-TIGHT-FIT BOLTS IN FULL SIZED PUNCHED HOLES.  
 PROVIDE A 3" CAMBER CONFORMING TO AN ARC OF A CIRCLE IN ALL STRINGERS.

FILES SHALL BE TREATED TIMBER PILING 35'-0" LONG AND DRIVEN TO A MINIMUM BEARING VALUE OF 20 TONS PER PILE.  
 THE FRONT FACES OF ABUTMENTS SHALL BE RIPRAPPED AS SHOWN IN THE "LAYOUT", "SECTION A1" AND "SECTION LI".  
 ONE UNTREATED TIMBER TEST PILE 50'-0" LONG SHALL BE LOCATED AT EACH ABUTMENT.

**BILL OF BARS**

BAR STEEL REINFORCEMENT DIMENSIONS APPLY ALONG CENTERLINE OF BAR

MARK	NO.	SIZE	LENGTH	SPACING	LOCATION	DETAIL
A1	76	1/2"	11-6"	1-0"	BODY	A
A2	24	1/2"	19-8"	1-0"	" FRONT FACE	A
A3	12	1/2"	19-8"	SHOWN	" BACK FACE	A
A4	8	1/2"	14-6"	1-0"	WINGS	B
A5	8	1/2"	11-3"	1-0"	"	B
A6	8	1/2"	9-3"	1-0"	"	B
A7	8	1/2"	5-3"	1-0"	"	B
A8	4	1/2"	2-6"	1-0"	"	B
A9	84	1/2"	6-0"	SHOWN	BODY	A



**SECTION A1**

FILL TO EL. 737.80 AT SOUTH ABUTMENT BEFORE DRIVING PILES. UPPER LIMITS OF "EXCAVATION FOR STRUCTURES" SHALL NOT BE HIGHER THAN EL. 737.80

**TOTAL ESTIMATED QUANTITIES**

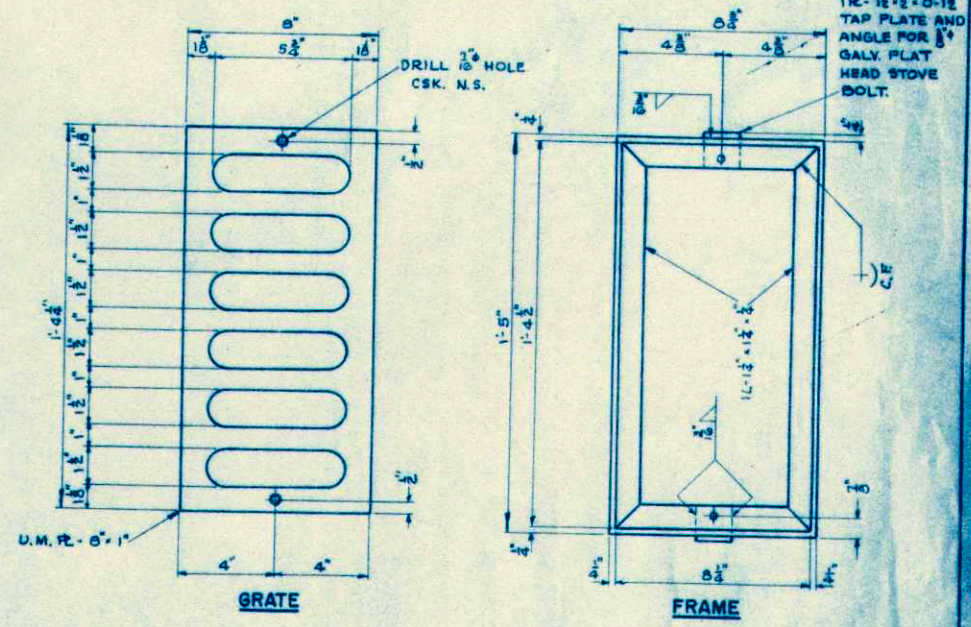
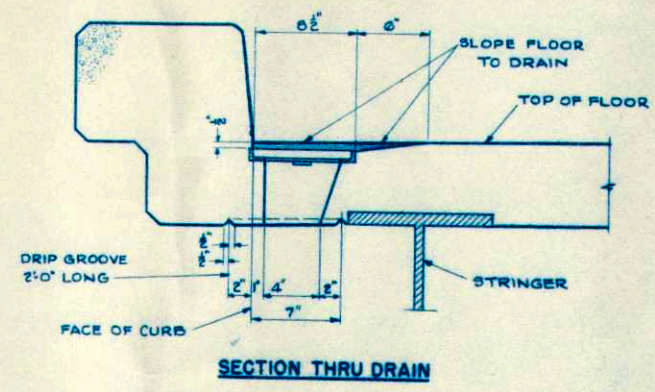
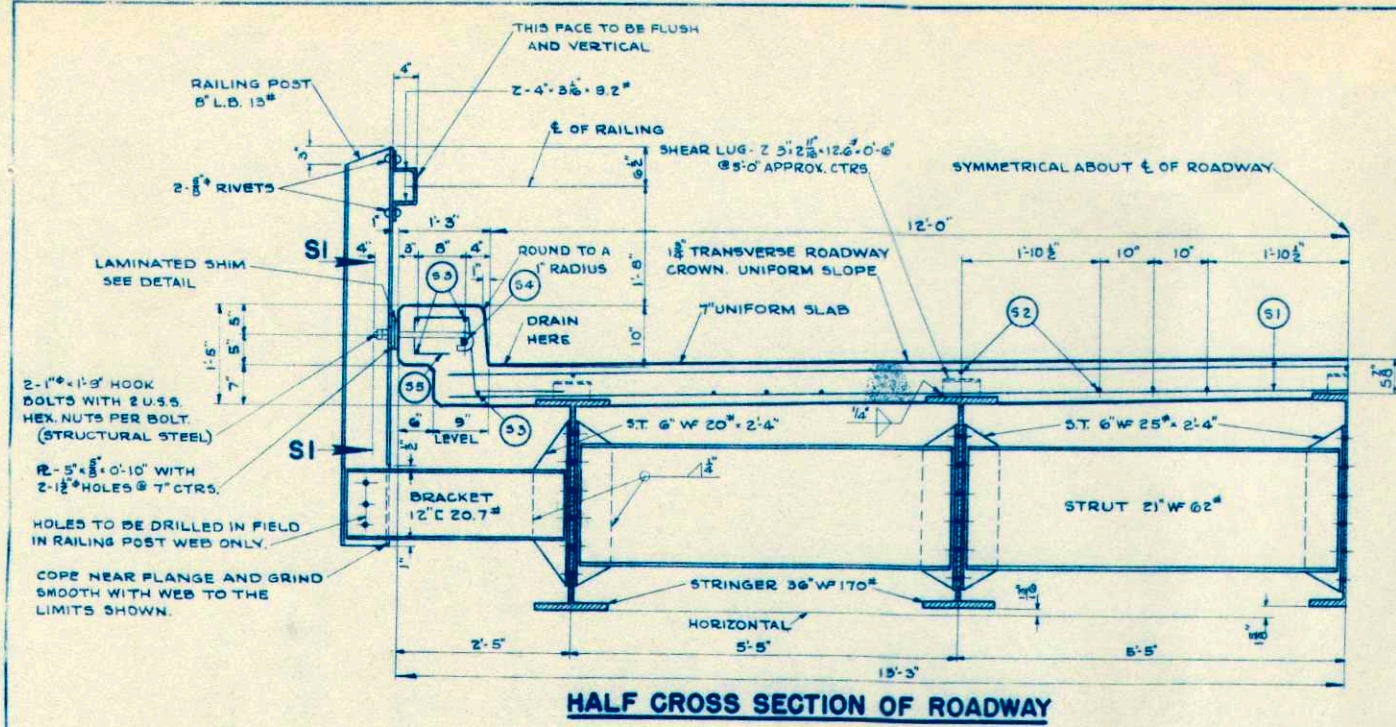
BID ITEMS	UNIT	SUPER-STRUCTURE	SOUTH ABUTMENT	NORTH ABUTMENT	TOTAL
REMOVING OLD BRIDGE	LUMP SUM	—	—	—	50
EXCAVATION FOR STRUCTURES	C.Y.	—	20	30	50
CONCRETE MASONRY	C.Y.	52.0	21.8	21.8	95.6
BAR STEEL REINFORCEMENT	LB.	8,290	810	810	9,910
STRUCTURAL CARBON STEEL	LB.	76,630	—	—	76,630
SHEET LEAD	LB.	188	—	—	188
UNTREATED TIMBER TEST PILING (2 @ 50'-0")	LUMP SUM	—	—	—	1
TREATED TIMBER PILING DELIVERED	L.F.	—	350	350	700
TREATED TIMBER PILING DRIVEN	L.F.	—	350	350	700
FLOOR DRAINS	EACH	4	—	—	4
RIPRAP	C.Y.	—	130	130	260
<b>NON-BID ITEMS</b>					
EXPANSION JOINT FILLER	SIZE	1/2"	—	—	1/2"

**LIST OF DRAWINGS**

- 1. LAYOUT & ABUTMENTS X12586
- 2. SUPERSTRUCTURE X12587

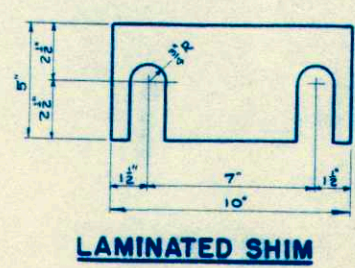
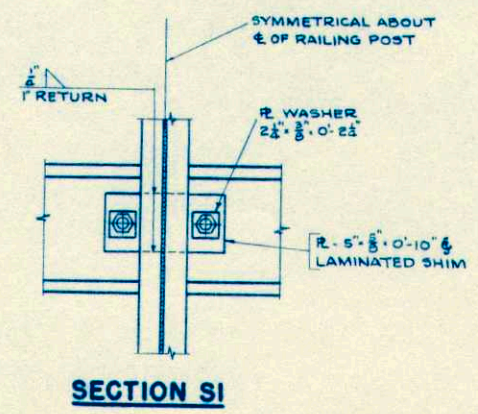
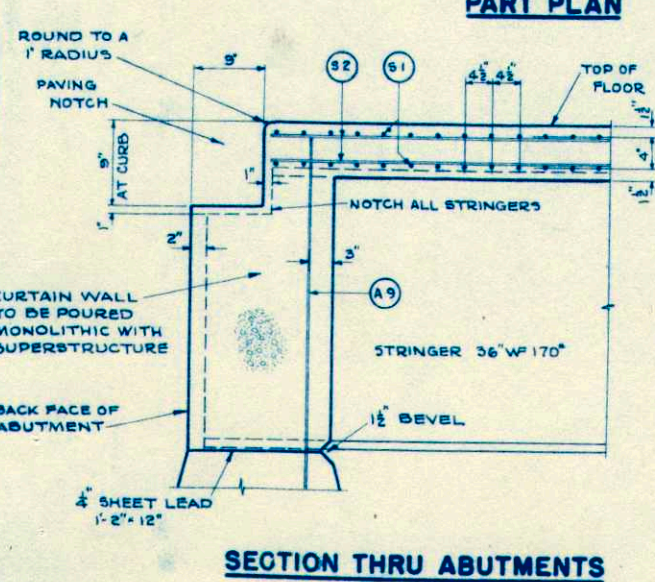
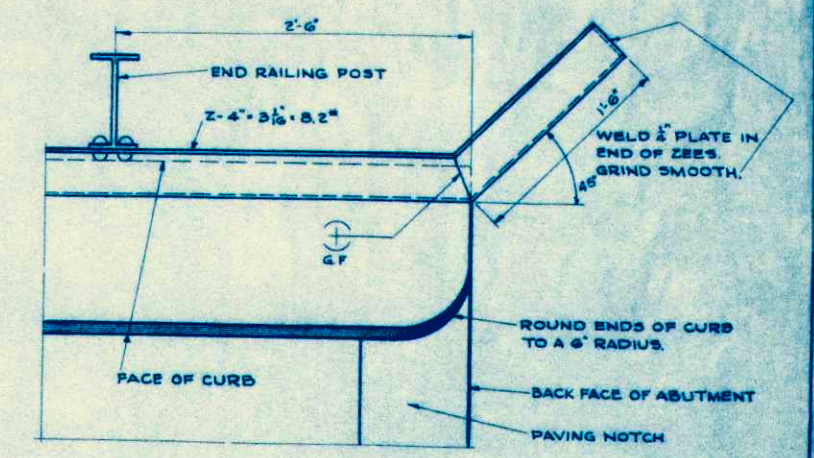
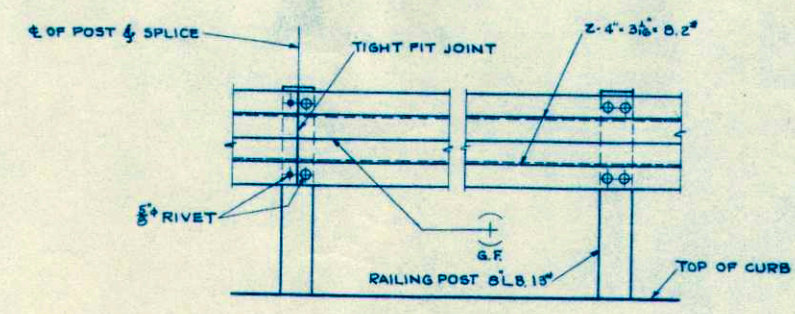
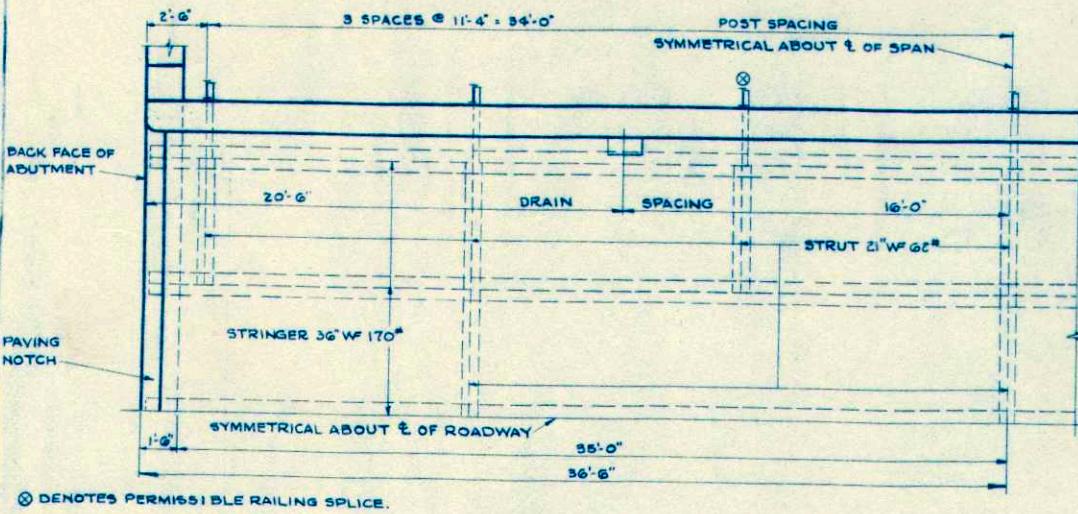
STATE HIGHWAY COMMISSION OF WISCONSIN  
 CO. LA CROSSE TOWN BARRE STA. 69+52.00  
 SECTION 26 TOWN 16N RANGE 6W  
 DATE 7-20-50 DRW. A.J. CLK. L.W.F. SPEC. 1941 LOAD H15  
 CORRECTED BY: G. J. Aust BRIDGE ENGINEER  
 APPROVED BY: E. H. Rutledge STATE HIGHWAY ENGINEER

STRUCTURE B-32-7 SHEET 1 OF 2



**DRAIN DETAILS**

ALL PLATE CUTS SHALL BE MACHINE OR MACHINE-FLAME CUTS. ALL PLATE EDGES SHALL BE SMOOTH, STRAIGHT AND VERTICAL.



**BILL OF BARS** 8,290#

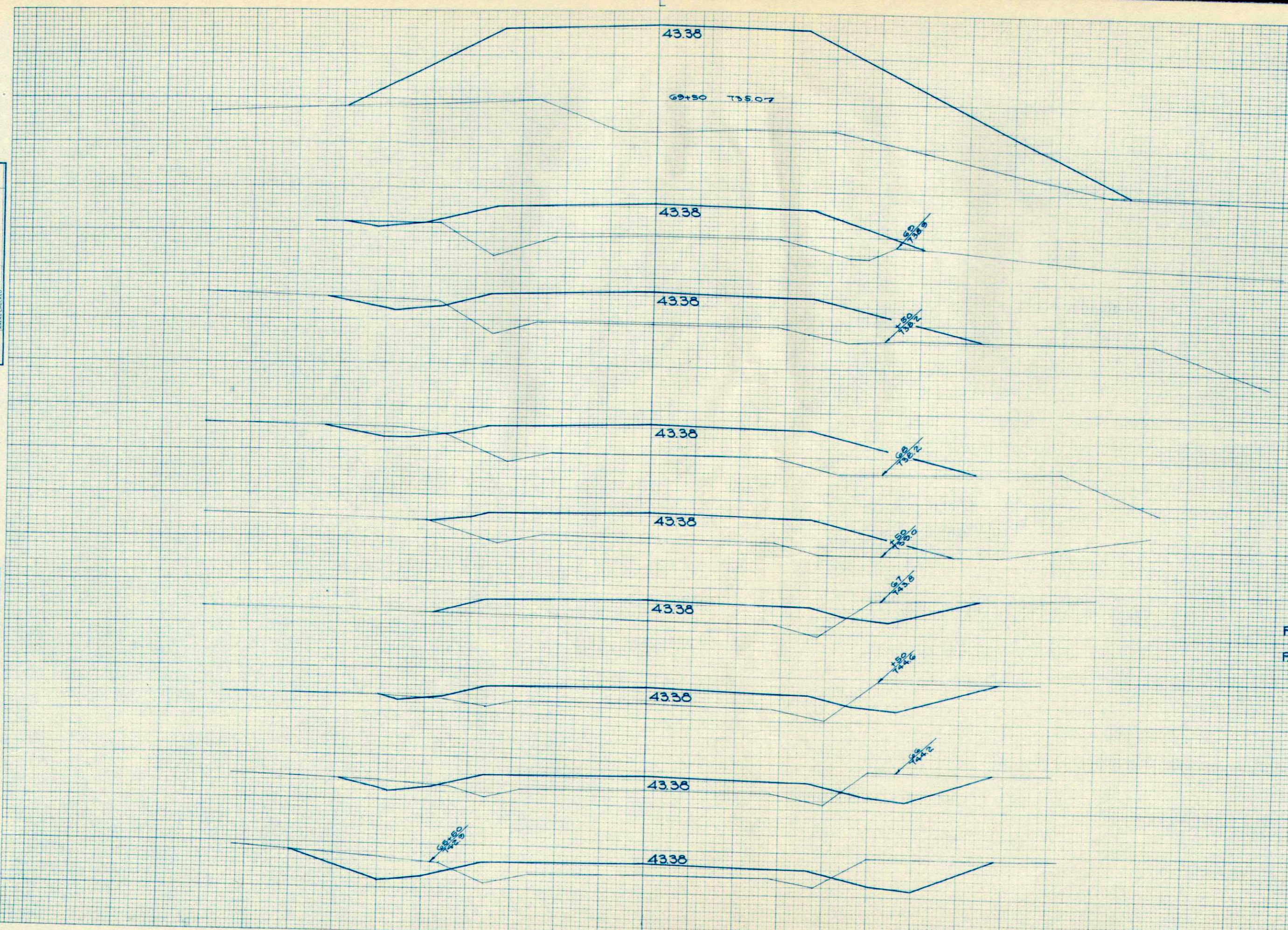
NO.	MARK	SIZE	LENGTH	SPACING	LOCATION
382	51	1/2"	25'-0"	4 1/2"	FLOOR
51	52	1/2"	25'-3"	SHOWN	"
24	53	1/2"	25'-9"	"	CURBS
6	54	1/2"	24'-0"	"	DO NOT LAP
98	55	1/2"	4'-0"	1'-6"	"

\* SEE DETAILS OF BAR



FINAL SURVEY BY DATE  
 SURVEYED BY  
 PLOTTED BY  
 NOTE BOOK TEMPLATE NO. 8120  
 CHECKED BY

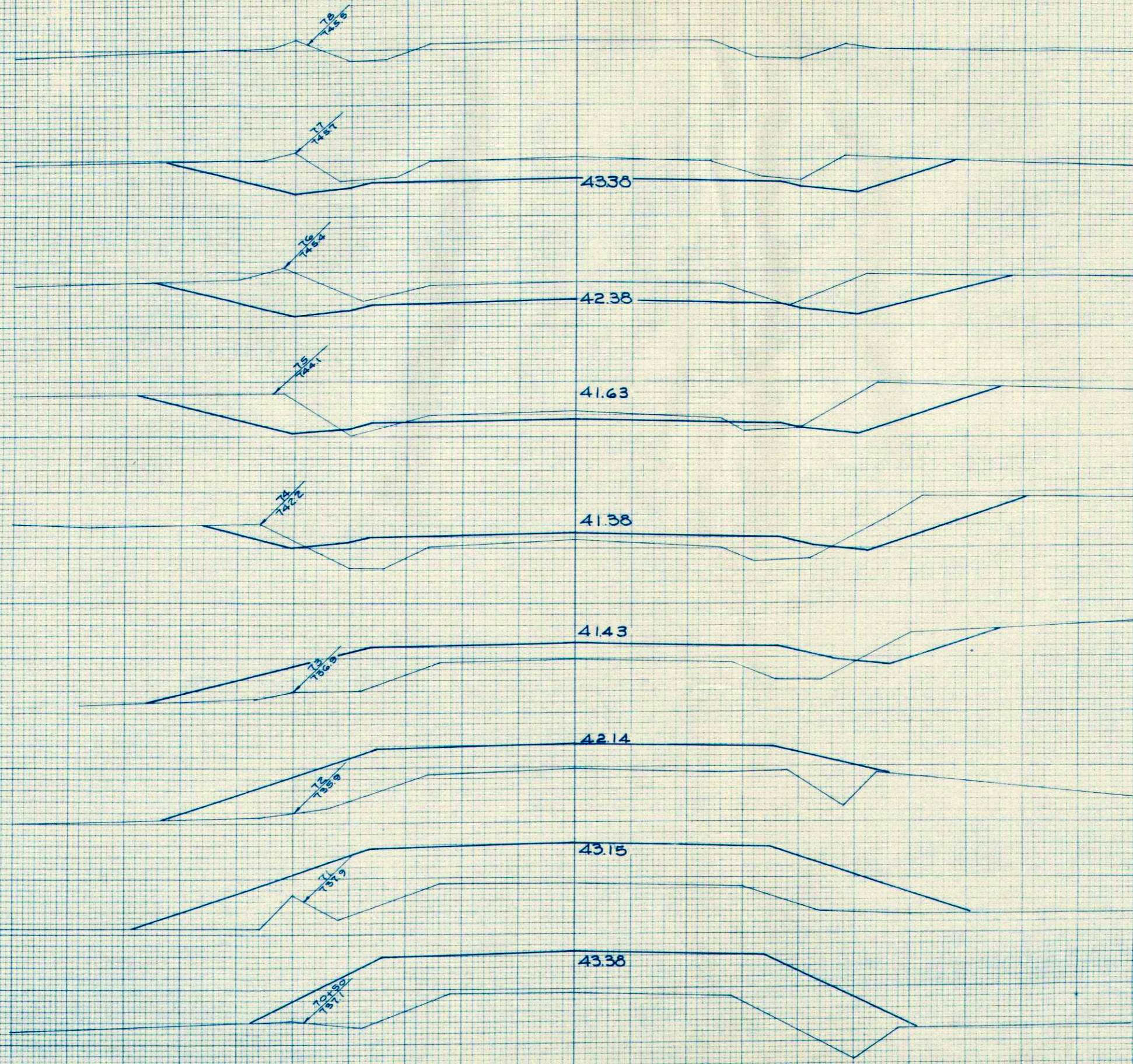
ORIGINAL SURVEY BY DATE  
 SURVEYED BY  
 PLOTTED BY  
 NOTE BOOK TEMPLATE NO. 8120  
 CHECKED BY



STATION	DISTANCE	YARDAGE		
		COMMON	BALLAST	FILL
65	133		59	93
+50	107		59	120
66	72		59	144
+50	54		59	163
67	20		59	220
+50	9		59	296
68	19		59	333
+50	15		59	346
69	2		59	785
+52		BRIDGE		
		PEGT+03 LT.		60
		PEGT+03 RT.		30
SHEET TOTAL		431	531	2590

FINAL SURVEY SURVEYED BY: DATE: SURVEY PLOTTED BY: DATE: NOTE BOOK NO. 8160 AREAS CHECKED

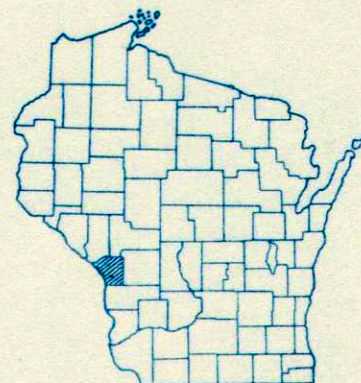
ORIGINAL SURVEY SURVEYED BY: DATE: SURVEY PLOTTED BY: DATE: NOTE BOOK NO. 8160 AREAS CHECKED



STATION	DISTANCE	YARDAGE		
		COMMON	BALLAST	FILL
70		BRIDGE		
+22	0		34	240
+50	0		59	429
71	0		119	737
72	17		119	515
73	107		119	319
74	230		119	113
75	393		119	7
76	450		119	0
77	106		30	0
+50				
PE 72+50 RT.				50
PE 73+57 LT.				80
PE 73+84 LT.				60
SHEET TOTAL	1303		837	2550

INDEX OF SHEETS

- SHEET NO. 1 TITLE
- SHEET NO. 2-2.1 TYPICAL CROSS SECTIONS
- SHEET NO. 2-2.1 ESTIMATE OF QUANTITIES
- SHEET NO. 2 MISCELLANEOUS QUANTITIES
- SHEET NO. - RIGHT OF WAY PLAT
- SHEET NO. 3 PLAN AND PROFILE STA. 0+00 TO STA. 10+00
- SHEET NO. 4-7 STANDARD DETAILS
- SHEET NO. 8-9 DRAINAGE STRUCTURES
- SHEET NO. 10-12 CROSS SECTIONS



STATE OF WISCONSIN  
STATE HIGHWAY COMMISSION OF WISCONSIN

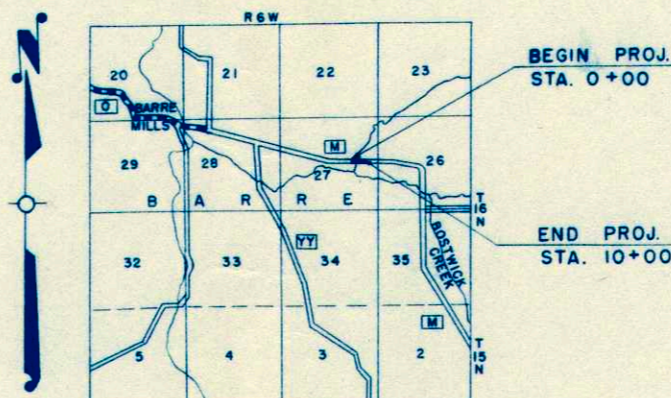
COUNTY AND HIGHWAY	ROUTE AND SECTION	CLASS AND AGREEMENT		FEDERAL DIVISION OFFICE	SHEET NUMBER	TOTAL SHEETS
		STATE	FEDERAL			
32.6	123.0		11.3	WIS. 5N	1	12

PLAN AND PROFILE OF PROPOSED

S.T.H. 33 - BARRE MILLS (MILLER BR.)  
LA CROSSE COUNTY  
PROJECT S 0123(3)

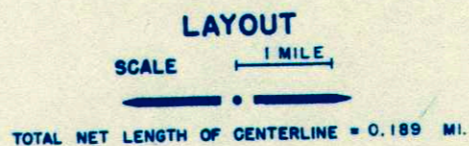
BEGINNING AT A POINT APPROX. 1698 FT. WEST OF THE EAST 1/4 CORNER SEC. 27, T16N, R6W THENCE EASTERLY TO A POINT APPROX. 698 FT. WEST OF THE EAST 1/4 CORNER SEC. 27, T16N, R6W.

SCALES { PLAN 1 IN. = 100 FT.  
PROFILE HOR. 1 IN. = 100 FT. VERT. 1 IN. = 10 FT.  
CROSS SECTIONS HOR. 1 IN. = 5 FT. VERT. 1 IN. = 5 FT.



CONVENTIONAL SIGNS

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>STATE LINE</li> <li>COUNTY LINE</li> <li>TOWNSHIP OR RANGE LINE</li> <li>SECTION LINE</li> <li>NEW RIGHT OF WAY LINE</li> <li>PRESENT RIGHT OF WAY LINE</li> <li>WIRE FENCE { WOVEN, BARBED }</li> <li>LOT LINE</li> <li>CORPORATE OR CITY LIMITS</li> <li>PROPERTY LINE</li> <li>TRAVELED WAY OR P.E.</li> <li>RAILROADS</li> <li>BASE OR SURVEY LINE</li> </ul> | <ul style="list-style-type: none"> <li>CULVERTS IN PLACE</li> <li>CULVERTS REQUIRED</li> <li>DROP INLET</li> <li>POWER POLE</li> <li>TELEPHONE OR TELEGRAPH POLE</li> <li>RIGHT OF WAY MARKERS</li> <li>REFERENCE STAKE FOR HUBS ONLY</li> <li>MARSH</li> <li>HEDGE</li> <li>TREES</li> <li>GROUND ELEVATION</li> <li>GRADE ELEVATION</li> </ul> |
|--|--|



STATE HIGHWAY COMMISSION OF WISCONSIN  
MADISON, WIS.

SURVEYOR W.L.S. NOTE BOOK 8720  
DIVISION COMPUTER J.W.J. M. O. CHECKER  
DIVISION CHECKER B.C.J. CORRECT

CORRECT:  
DATE 2/27/51 T.M. Reynolds DIVISION ENGINEER

RECOMMENDED FOR APPROVAL:  
DATE 8/13/57 C.E. Phillips CONSTRUCTION ENGINEER

APPROVED:  
DATE 8/14/57 E.C. Rostetter STATE HIGHWAY ENGINEER

DEPARTMENT OF COMMERCE  
BUREAU OF PUBLIC ROADS

RECOMMENDED FOR APPROVAL:  
DISTRICT ENGINEER \_\_\_\_\_ DATE \_\_\_\_\_

APPROVED:  
DIVISION ENGINEER \_\_\_\_\_ DATE \_\_\_\_\_

# ESTIMATE OF QUANTITIES

CONTRACT NO. 1

PROJECT	SHEET NO.	TOTAL SHEETS
50123(3)	2	12

THIS PROJECT IS TO BE EXECUTED UNDER THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION OF THE STATE HIGHWAY COMMISSION OF WISCONSIN - EDITION OF 1951 SUBMITTED FOR APPROVAL MARCH 2, 1951,  
FEDERAL AID REQUIRED CONTRACT PROVISIONS APPROVED NOV. 8, 1948 AND SPECIAL PROVISIONS ATTACHED TO PROPOSAL.

STATION TO STATION	NET LENGTH OF CENTER LINE	CLEARING	GRUBBING	EXCAVATION			SAND GRAVEL FILL	FINISHING ROADWAY	OBLITERATING OLD ROAD	GRAVEL OR CRUSHED STONE COURSE	BASE	CULVERT PIPE					RIP-RAP	GUARD FENCE	MARKER POSTS FOR R/W	MARKER POSTS FOR R/W	REMOVE OLD BRIDGE STA 5+64	EXCAV FOR STRUCTURES (BRIDGES)	CONC. MASONRY (BRIDGES)	BAR STEEL REINF. (BRIDGES)	STRUCT. CARBON STEEL	SHEET LEAD	UNTREATED TIMBER TEST PILING (2 @ 45')	TREATED TIMBER PILING DELIVERED	TREATED TIMBER PILING DRIVEN	FLOOR DRAINS	PILE SHOES	TOPSOIL		FER-TIL-IZER	SEEDING			
				COMMON	BORROW	15"						15"	15"	15"	15"	15"																15"	15"			SQ. YD.	SQ. YD.	SQ. YD.
ITEM NO.		2101-2	2101-5	2106-1	2103-1	210 -	2110-1	2114-1	2116-1	2203-1	23	2411-1	2512-1	2523	2523	2523-3	2523-4																					
UNIT	LIN. FT.	IN. DIA.	IN. DIA.	C.Y.	C.Y.	C.Y.	C.Y.	STA.	STA.	C.Y.	C.Y.	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	C.Y.	LIN. FT.	EACH	EACH	L.S.	C.Y.	C.Y.	LB.	LB.	LB.	L.S.	LIN. FT.	LIN. FT.	EACH	EACH	SQ. YD.	SQ. YD.	CWT.	SQ. YD.			
	1000.0	176	176	3642	224		1429	94	-	770		108					165		13	12		1	45	100.2	13950	56200	180	1	840	840	4	24	940			5900		
0+00 - 10+00	1000.0	176	176	3642	224		1429	94	-	770		108					165		13	12		1	45	100.2	13950	56200	180	1	840	840	4	24	940			5900		

## MISCELLANEOUS QUANTITIES

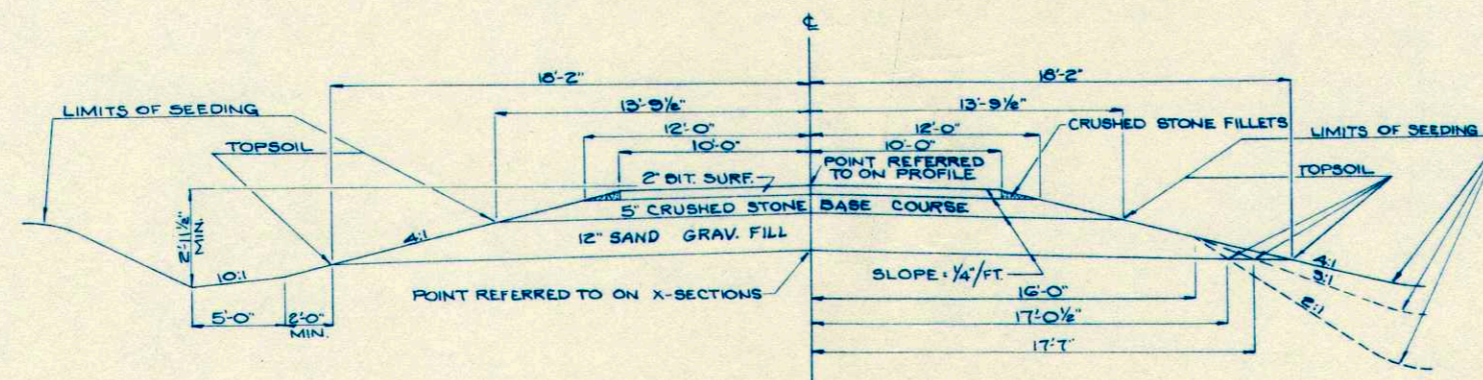
CLEARING & GRUBBING			
STATION	LT.	RT.	IN. DIA.
2+73	✓		16
3+17	✓		31
3+50	✓		19
6+17		✓	32
6+30		✓	24
6+44		✓	26
6+68		✓	28

CRUSHED STONE BASE COURSE			
STATION	LT.	RT.	C.Y.
0+00-10+00	✓		535
3+35 PE.		✓	15
4+08 PE.		✓	10
7+04 PE.		✓	10
9+37 PE.		✓	10
STOCKPILE			150

CULVERT PIPE			
STATION	LT.	RT.	SIZE
3+35 PE.		✓	18" x 30"
4+08 PE.		✓	18" x 26"
7+04 PE.		✓	18" x 26"
9+37 PE.		✓	18" x 26"

MARKER POSTS			
STATION	LT.	RT.	QUAN.
4+57-5+32 @ 25' CTRS	✓		4
4+57-5+32 @ 25' CTRS		✓	4
5+56-6+46 @ 25' CTRS	✓		3
5+56-6+21 @ 25' CTRS		✓	2

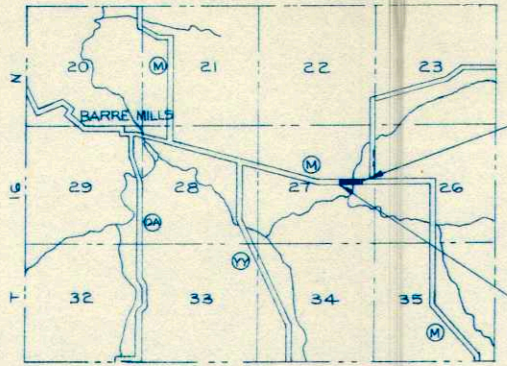
MARKER POSTS FOR R/W			
STATION	LT.	RT.	QUAN.
0+00	✓	✓	2
4+16		✓	2
5+20	✓		2
5+55		✓	2
6+91		✓	2
10+00	✓	✓	2



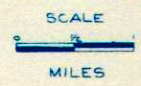
APPLICABLE STANDARD DETAIL DRAWINGS  
 DETAILS OF PE & SIDE ROAD APPR. ----- 7-3.1.1  
 MARKER POSTS - SHOULDER AND CULVERTS ----- 7-1.1.1  
 MARKER POSTS FOR R/W ----- 7-1.2.2  
 CONSTRUCTION BARRICADE ----- 7-4.1.1

S.T.H. 33-BARRE MILLS ROAD (MILLER BRIDGE)  
C.T.H. "M" LA CROSSE COUNTY

T O W N O F



LOCATION SKETCH



STA. 10+00  
END RELOC. ORDER  
PROJECT SO123 (3)

STA. 0+00  
BEGIN RELOC. ORDER  
PROJECT SO123 (3)

FRED C. MILLER  
TEMPORARY DETOUR

FRED C. MILLER  
RW. REQD. 0.33 AC.

SE 1/4 - NE 1/4

STA. 10+00  
END RELOC. ORDER  
PROJECT SO123 (3)

EAST 1/4 COR. SEC. 27  
T16N, R6W

CTH "M"

S89°56'E (TRUE)

625.0

WILLIAM H. HOIER

CEMETERY

DORA MEYER  
R.W. REQD. 0.11 AC.

NW 1/4 - SE 1/4

TRUSTEES OF THE  
GERMAN LUTHERAN CHURCH

WALTER SPRAIN  
R.W. REQD. 0.07 AC.

NE 1/4 - SE 1/4

BENCH MARKS

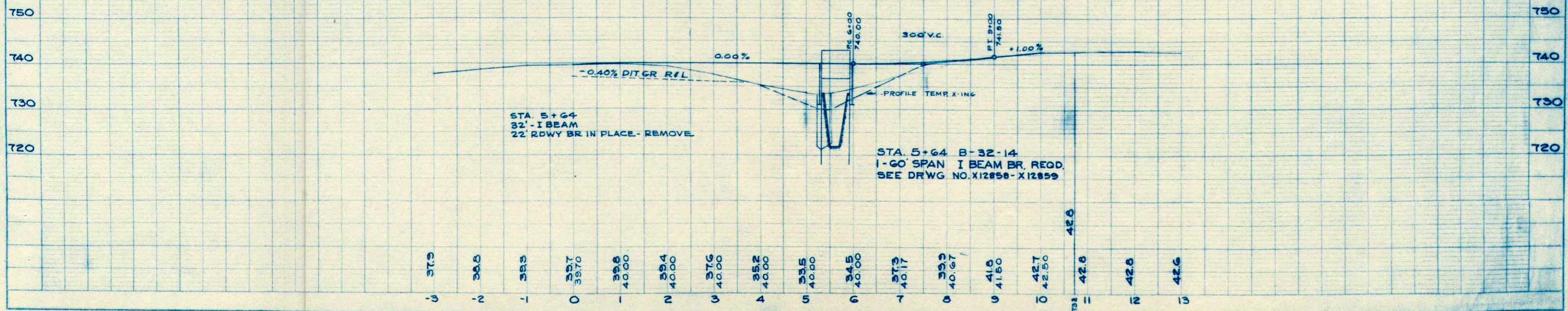
BM#1	SPIKE IN 36" MAPLE	-3+00 15' RT	738.62
BM#2	SPIKE IN 24" MAPLE	6+68 22' RT	736.66
BM#3	SPIKE IN P.P.	10+76 25' LT	745.03

B A R R E

NET LENGTH CENTERLINE STA. 0+00 - 10+00 = 1000.0 LIN. FT.

C = 1393 C.Y.  
B = 224 C.Y.  
S.G. FILL = 794 C.Y.  
F = 2197 CY @ 25% SHG.  
BALLAST = 635 C.Y. @ 25% SHG.

C = 2247 C.Y.  
S.G. FILL = 605 C.Y.  
F = 896 C.Y. @ 25% SHG.  
BALLAST = 484 C.Y. @ 25% SHG.



STA. 5+64  
32' I-BEAM  
22' ROWY BR IN PLACE - REMOVE

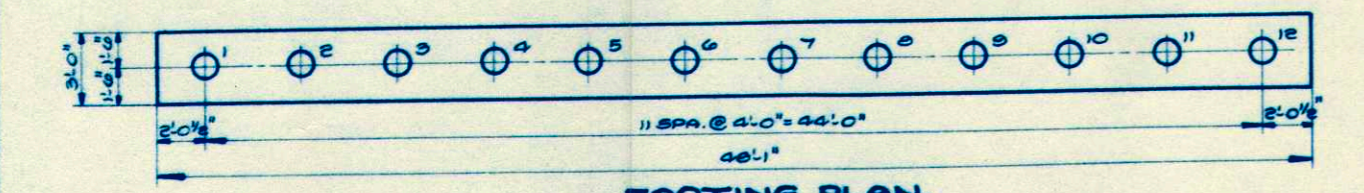
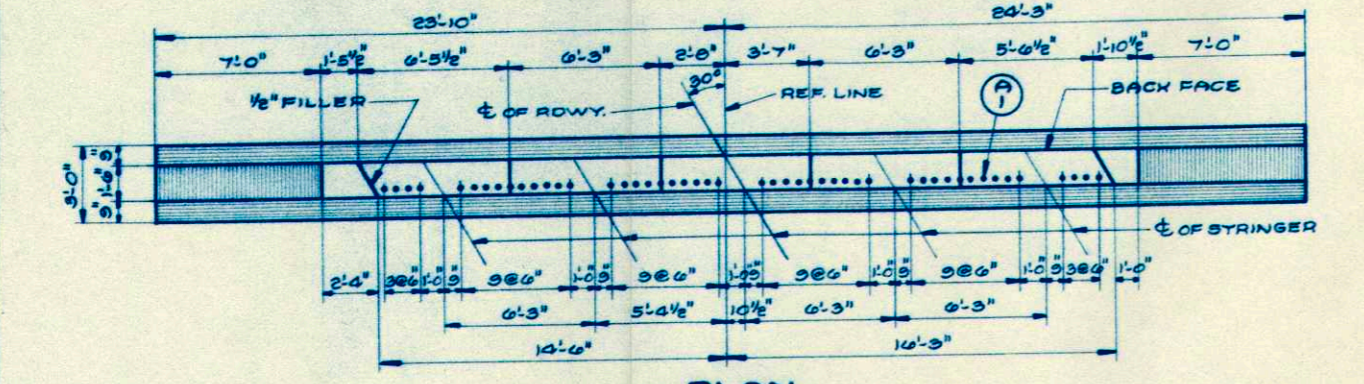
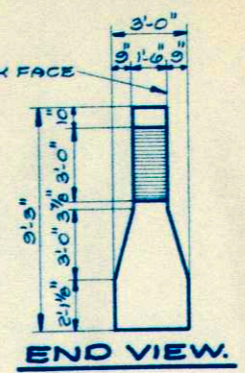
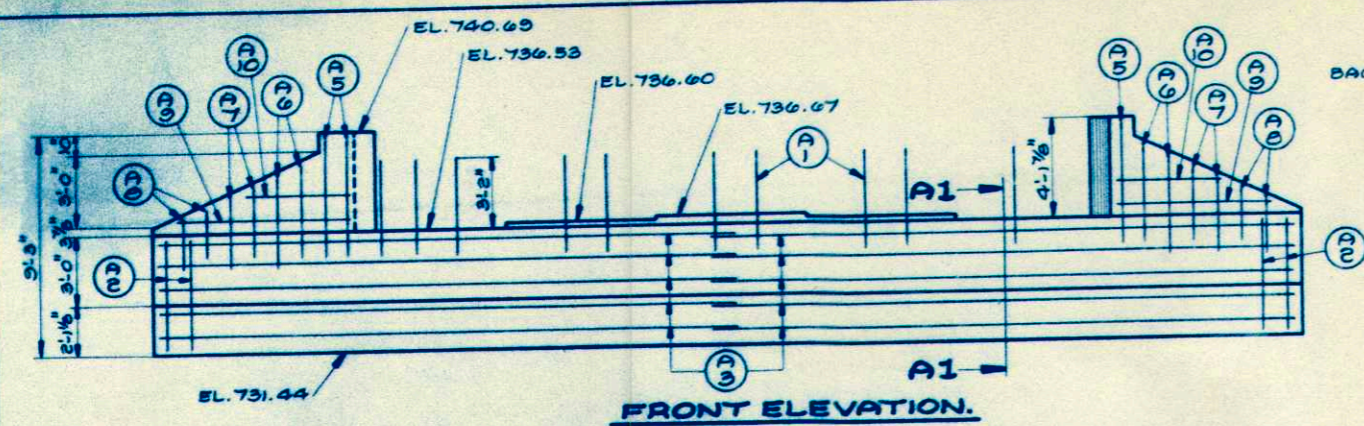
STA. 5+64 B-32-14  
1-60' SPAN I BEAM BR. REQD.  
SEE DRWG NO. X12858 - X12859

3	37.9	38.8	39.9	39.7 39.70	39.8 40.00	39.4 40.00	37.6 40.00	35.2 40.00	33.5 40.00	34.5 40.00	37.3 40.17	39.9 40.67	41.8 41.50	42.7 42.50	42.8	42.8	42.8	42.6
---	------	------	------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	------	------	------	------

PLAN  
DATE 10-25-50  
BY R.L.J.  
CHECKED R.L.J.  
NO. 8720

PROFILE  
DATE 10-25-50  
BY R.L.J.  
CHECKED R.L.J.  
NO. 8720



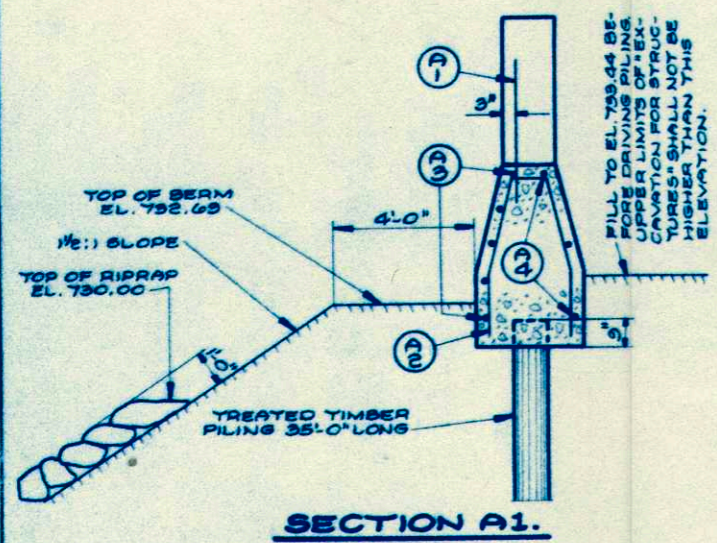


SHOWING PILE NUMBERING AND SPACING.

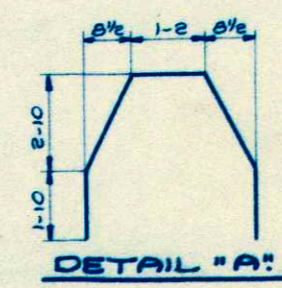
**BILL OF BARS.**

DIMENSIONS IN BENDING DETAILS ARE OUY TO OUY.

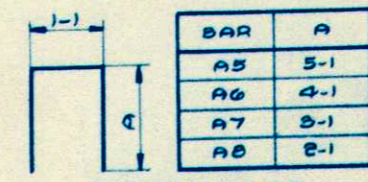
NO.	MARK	SIZE NO.	LENGTH	SPACING	LOCATION	DET.
36	A1	4	4-3	SHOWN	VERT. - BODY - F. FACE	
36	A2	4	10-6	1-0	" " " "	A
20	A3	4	24-6	1-0	HORIZ. " F. FACE	
12	A4	4	24-6	SHOWN	" " " B. "	
6	A5	4	11-3	1-0	VERT. - WINGS.	B
8	A6	4	9-3	1-0	" " " "	B
8	A7	4	7-3	1-0	" " " "	B
8	A8	4	5-3	1-0	" " " "	B
4	A9	4	7-6	1-0	HORIZ. " "	
4	A10	4	4-6	1-0	" " " "	



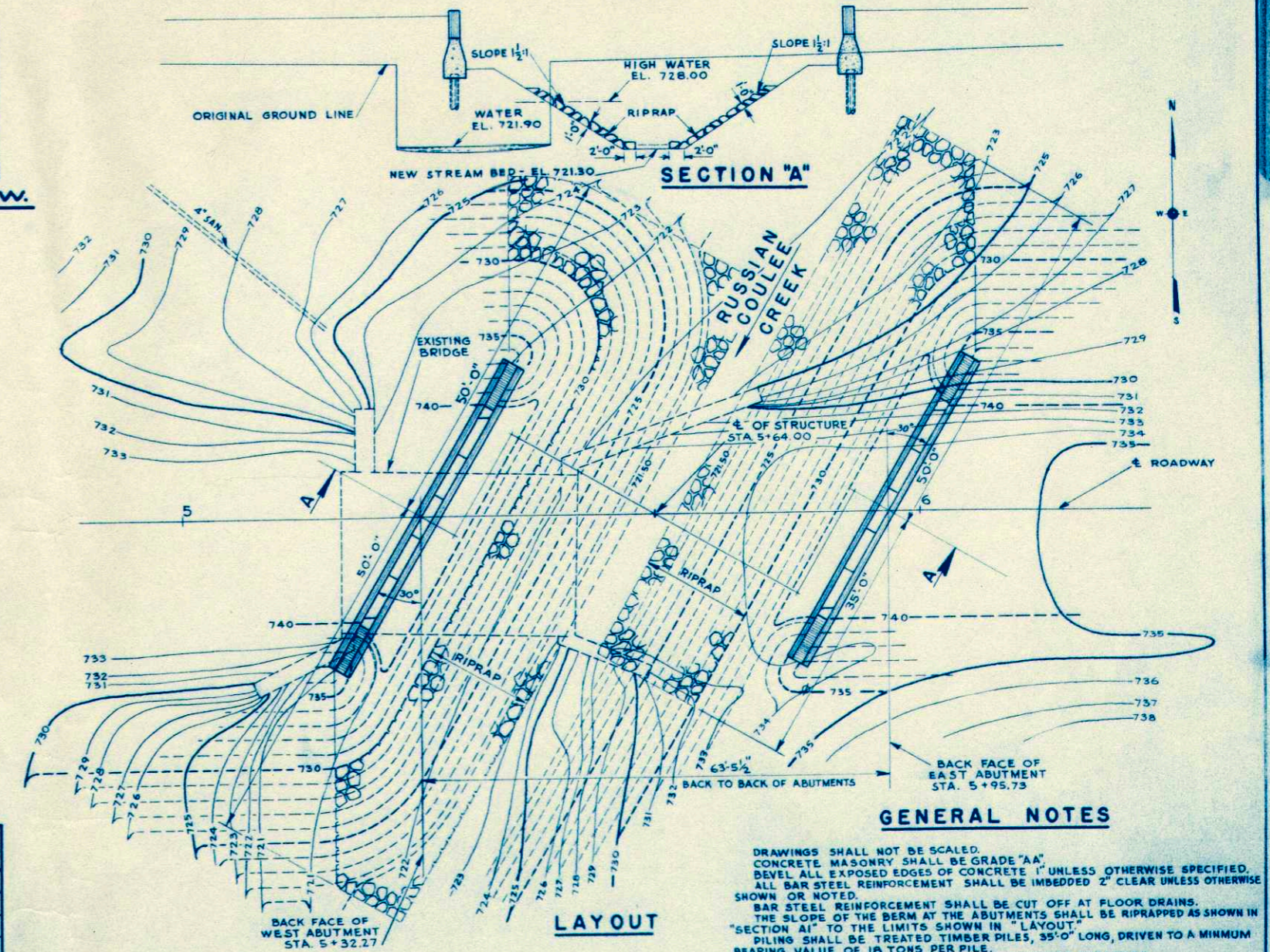
SECTION A1.



DETAIL "A"



DETAIL "B"



LAYOUT

**GENERAL NOTES**

DRAWINGS SHALL NOT BE SCALED.  
 CONCRETE MASONRY SHALL BE GRADE "AA".  
 BEVEL ALL EXPOSED EDGES OF CONCRETE 1" UNLESS OTHERWISE SPECIFIED.  
 ALL BAR STEEL REINFORCEMENT SHALL BE IMBEDDED 2" CLEAR UNLESS OTHERWISE SHOWN OR NOTED.  
 BAR STEEL REINFORCEMENT SHALL BE CUT OFF AT FLOOR DRAPPS.  
 THE SLOPE OF THE BERM AT THE ABUTMENTS SHALL BE RIPRAP AS SHOWN IN "SECTION A1" TO THE LIMITS SHOWN IN "LAYOUT".  
 PILING SHALL BE TREATED TIMBER PILES, 35'-0" LONG, DRIVEN TO A MINIMUM BEARING VALUE OF 10 TONS PER PILE.  
 ALL RIVETS SHALL BE 3/4" UNLESS OTHERWISE SPECIFIED.  
 ALL FIELD CONNECTIONS OF RAILING POSTS TO CHANNEL BRACKETS SHALL BE WITH RIVETS OR TURNED BOLTS. OTHER FIELD CONNECTIONS SHALL BE MADE WITH RIVETS OR RIBBED TIGHT-FIT BOLTS IN FULL SIZED PUNCHED HOLES.  
 ALL EXCAVATED VOLUME NOT OCCUPIED BY THE NEW ABUTMENTS SHALL BE BACKFILLED WITH SAND-GRAVEL FILL TO EL. 733.4-4. PAYMENT WILL BE MADE ONLY FOR MATERIAL ACTUALLY PLACED WITHIN THE LIMITS SPECIFIED FOR EXCAVATION FOR STRUCTURES.  
 A 2" CAMBER CONFORMING TO AN ARC OF A CIRCLE SHALL BE PROVIDED IN EACH STRINGER.  
 BASIS OF PAYMENT FOR SHEET LEAD WILL BE ON ACTUAL SIZE.

**TOTAL ESTIMATED QUANTITIES**

BID ITEMS	UNIT	SUPER-STRUCTURE	ABUTMENTS	TOTAL
REMOVING OLD BRIDGE	LUMP SUM			1
EXCAVATION FOR STRUCTURES	C.Y.		45	45
SAND-GRAVEL FILL	C.Y.		30	30
CONCRETE MASONRY	C.Y.	49.2	51.0	100.2
BAR STEEL REINFORCEMENT	LB.	12,290	1,660	13,950
STRUCTURAL CARBON STEEL	LB.	56,200		56,200
SHEET LEAD	LB.	180		180
UNTREATED TIMBER TEST PILING (2@45')	LUMP SUM			1
TREATED TIMBER PILING - DELIVERED	L.F.		840	840
TREATED TIMBER PILING - DRIVEN	L.F.		840	840
PILE SHOES	EACH		24	24
FLOOR DRAINS	EACH	4		4
RIPRAP	C.Y.		165	165
NON-BID ITEMS				
EXPANSION JOINT FILLER	SIZE	1/2"		1/2"

**LIST OF DRAWINGS**

1. LAYOUT AND ABUTMENTS X12858  
 2. SUPERSTRUCTURE X12859

STATE HIGHWAY COMMISSION OF WISCONSIN

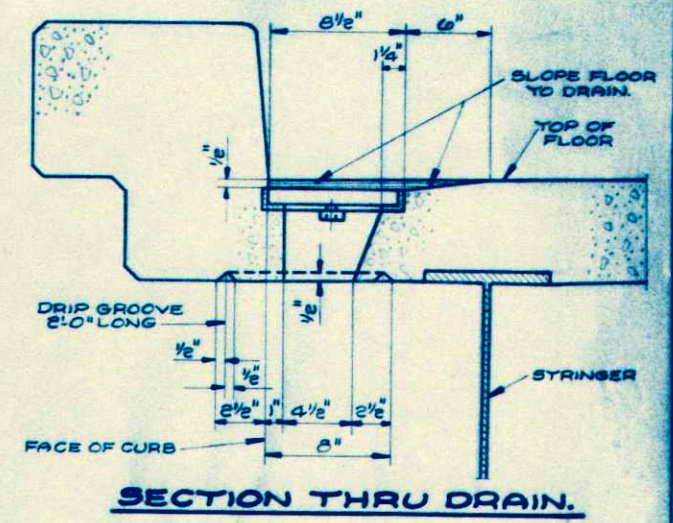
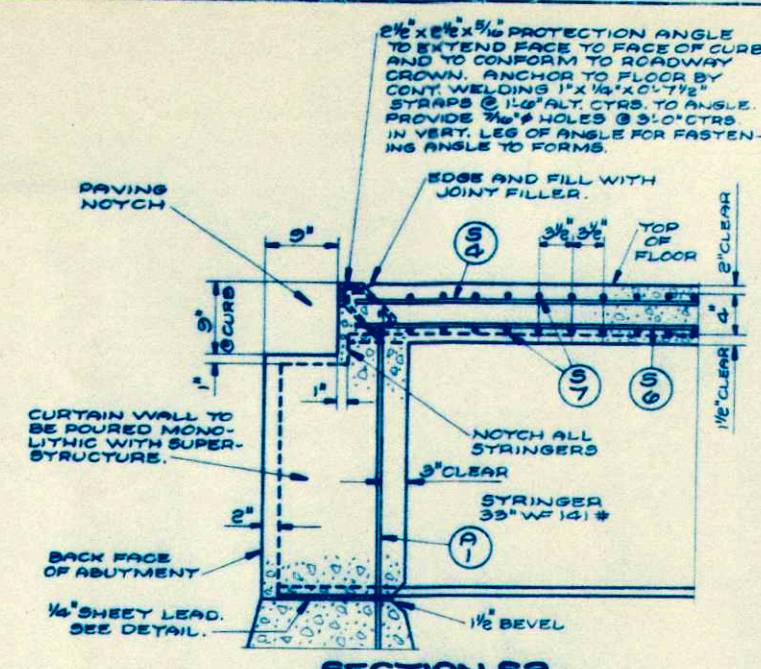
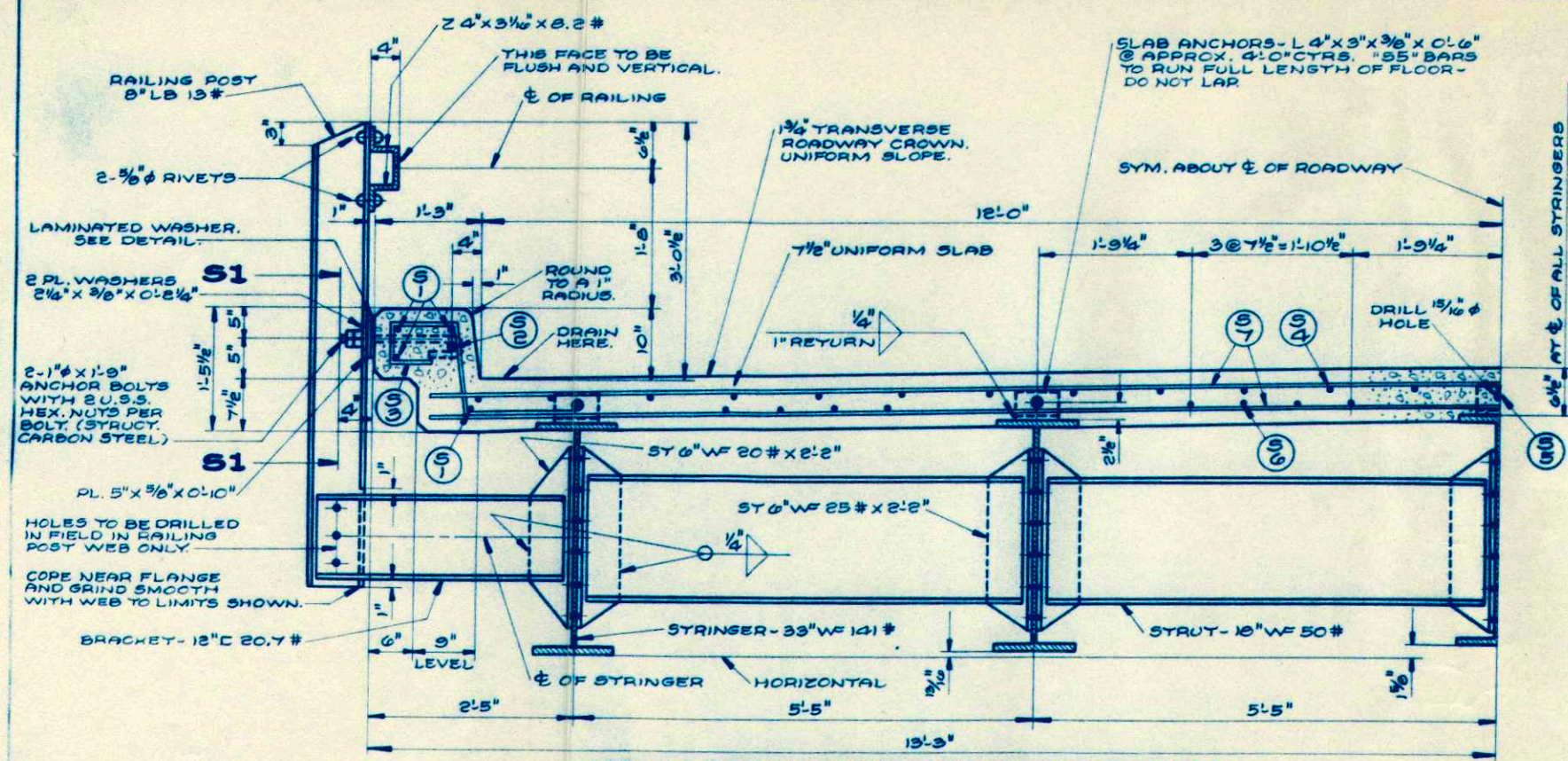
**LAYOUT AND ABUTMENTS**

CO. LACROSSE TOWN BARRE STA. 5+  
 SECTION 27 TOWN 16N. RANGE 5W.  
 DATE 4-27-51 DRAWN LEB. CHECKED LEB. SPEC. 1951 LOAD H15

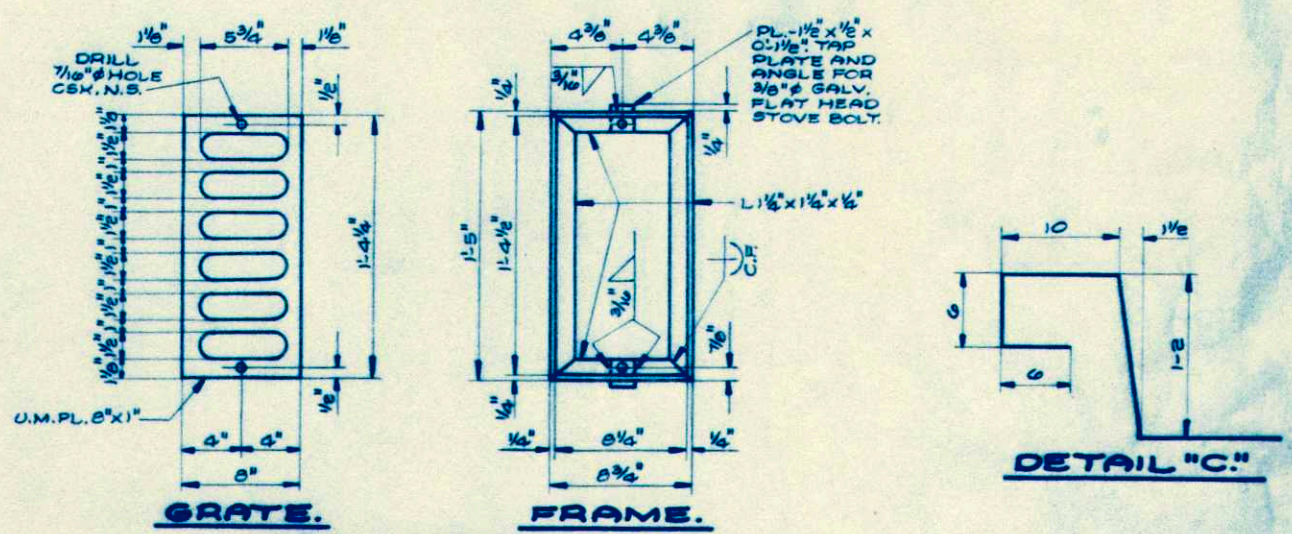
CORRECT: *G. W. Johnson*  
 BRIDGE ENGINEER

APPROVED: *E. L. Rosthiser*  
 STATE HIGHWAY ENGINEER

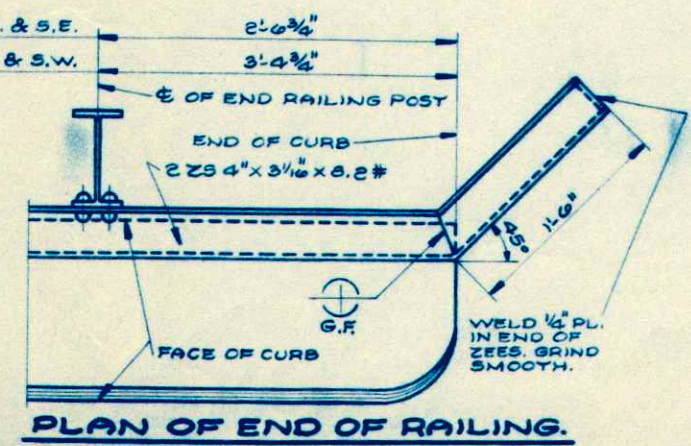
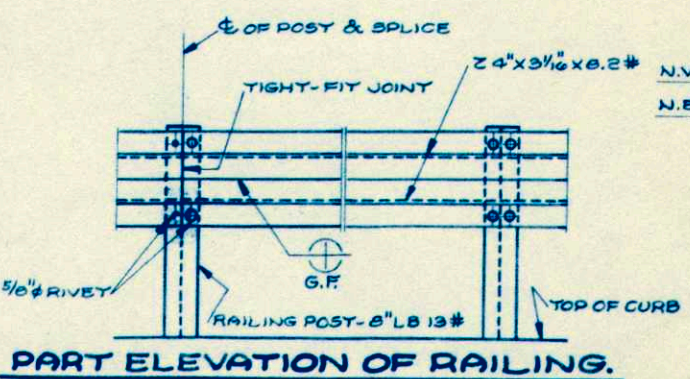
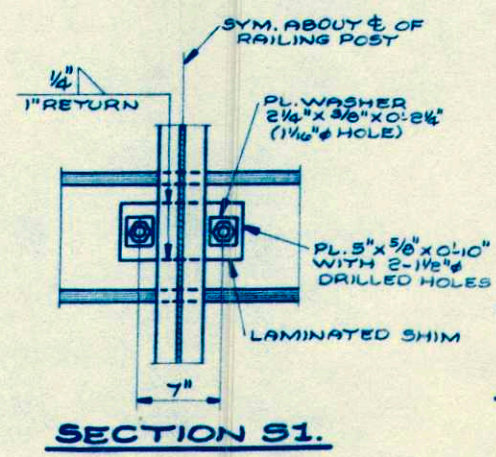
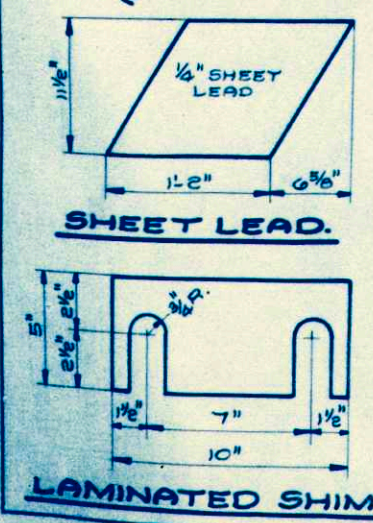
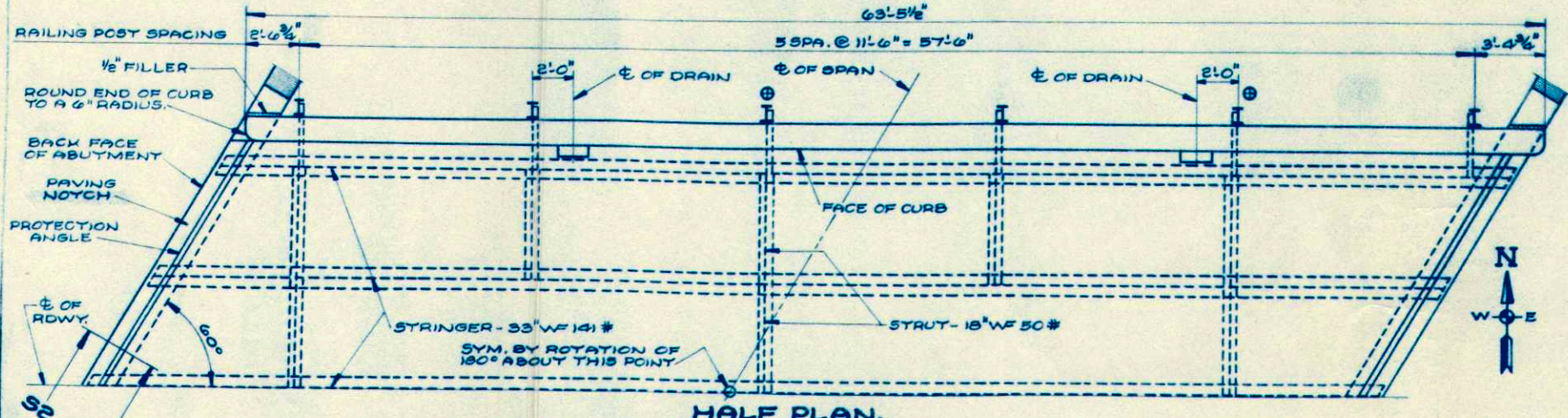
STRUCTURE B - 32 - 14 SHEET 1 OF 2  
 X12858



THE 57" BARS SHALL BE PLACED PARALLEL TO FACES OF ABUTMENTS WITH SPACING MEASURED PARALLEL TO  $\phi$  OF ROADWAY.



**DRAIN DETAILS.**  
ALL PLATE CUTS SHALL BE MACHINE OR MACHINE-FLAME CUTS.  
ALL PLATE EDGES SHALL BE SMOOTH, STRAIGHT AND VERTICAL.



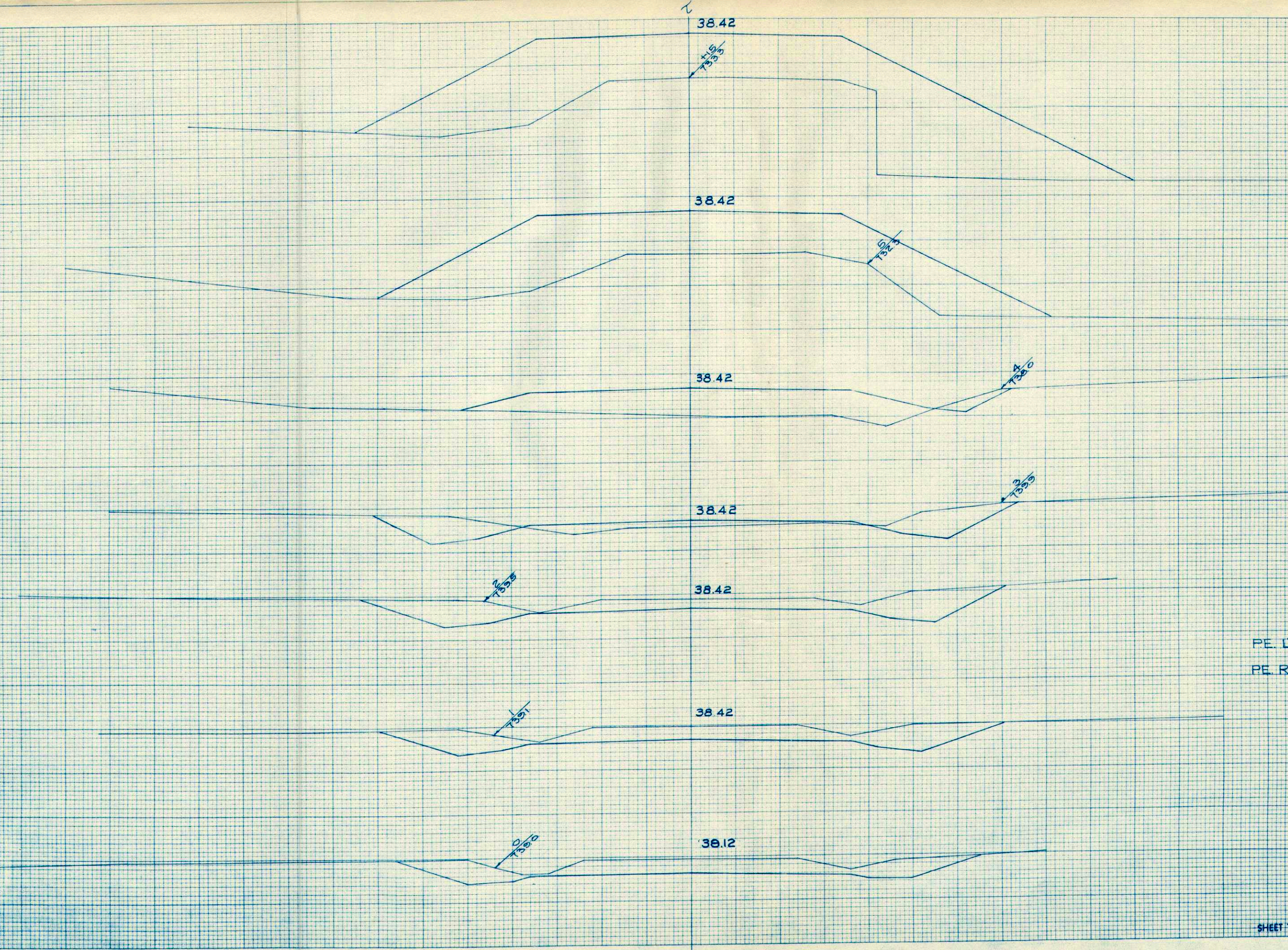
**BILL OF BARS.**  
DIMENSIONS IN BENDING DETAILS ARE CUT TO CUT. 12,290 #

NO.	MARK	SIZE NO.	LENGTH	SPACING	LOCATION	DET.
16	S1	4	32-0	SHOWN	LONGIT. - CURBS.	
4	S2	8	31-3	SHOWN	" " (DO NOT LAP.)	
82	S3	4	4-0	1-0	TRANS. "	C
50	S4	6	31-3	1-0	LONGIT. - TOP OF FLOOR.	
10	S5	4	30-6	SHOWN	" FLOOR @ STR.	
32	S6	4	31-3	SHOWN	" BOTTY. OF FLOOR.	
422	S7	4	29-0	3/2	TRANS. - TOP & BOTTY. OF FLOOR	

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. SN	60123(3)	10	12

FINAL SURVEY BY DATE  
 SURVEYED BY W.L.J. 10-50  
 PLOTTED BY W.L.J. 1-51  
 NOTE DESIGN AND AREA CHECKED  
 NO. 8160

ORIGINAL SURVEY BY DATE  
 SURVEYED BY W.L.J. 10-50  
 PLOTTED BY W.L.J. 1-51  
 NOTE DESIGN AND AREA CHECKED  
 NO. 8160



STATION	DISTANCE	YARDAGE		
		COMMON	BALLAST	FILL
	170			0
0	370		119	0
1	404		119	0
2	315		119	17
3	130		119	293
4	6		119	910
5	0		18	243
+15	0		7	130
+21	0		15	474
+34		BRIDGE		
		PE. LT 4+08		80
		PE. RT 3+37		50

SHEET TOTAL 1395 6352197

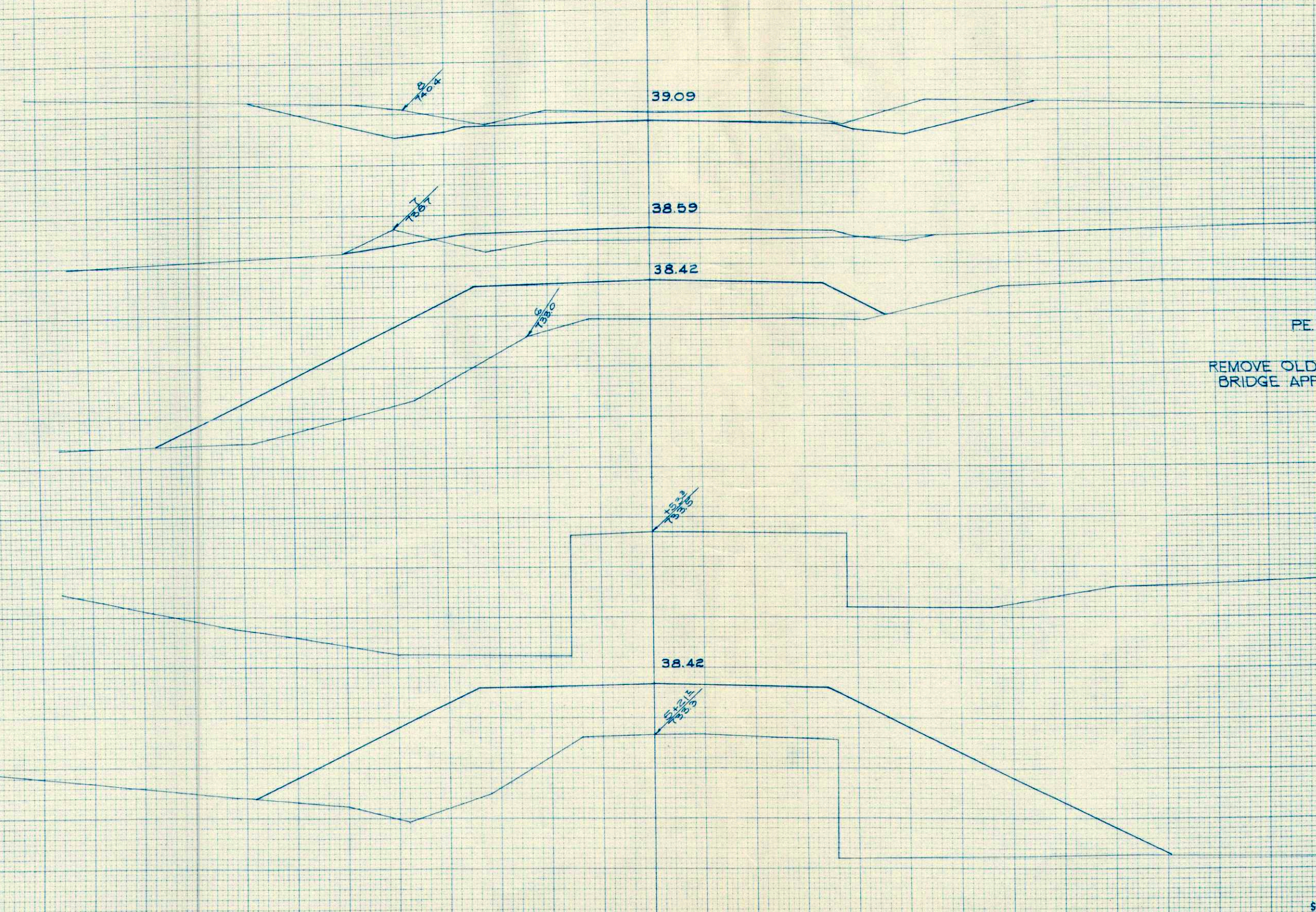
FINAL SURVEY BY DATE

REVIEWED  
CORRECTED  
NOTED  
DATE  
AREAS CHECKED

ORIGINAL SURVEY BY DATE

REVIEWED  
CORRECTED  
NOTED  
DATE  
AREAS CHECKED

W.L.V.  
10-50  
1-51



PE. RT 7+04 35

REMOVE OLD BRIDGE APPR.

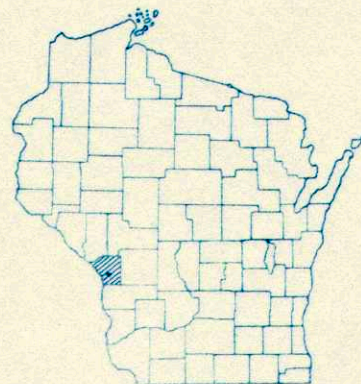
600

STATION	DISTANCE	YARDAGE		
		EXCAVATION		BALLAST
		COMMON		
5		BRIDGE		
94		0		3 72
6		19		119 687
7		211		119 72
8				
		PE. RT 7+04 35		
		600		
SHEET TOTAL		830		246 866



INDEX OF SHEETS

- SHEET NO. 1 TITLE
- SHEET NO. 2-2.1 TYPICAL CROSS SECTIONS
- SHEET NO. 2-2.1 ESTIMATE OF QUANTITIES
- SHEET NO. 2 MISCELLANEOUS QUANTITIES
- SHEET NO. — RIGHT OF WAY PLAT
- SHEET NO. 3 PLAN AND PROFILE STA. 0X+50 TO STA. 19+50
- SHEET NO. 4-8 STANDARD DETAILS
- SHEET NO. 9-11 DRAINAGE STRUCTURES
- SHEET NO. 12-17 CROSS SECTIONS



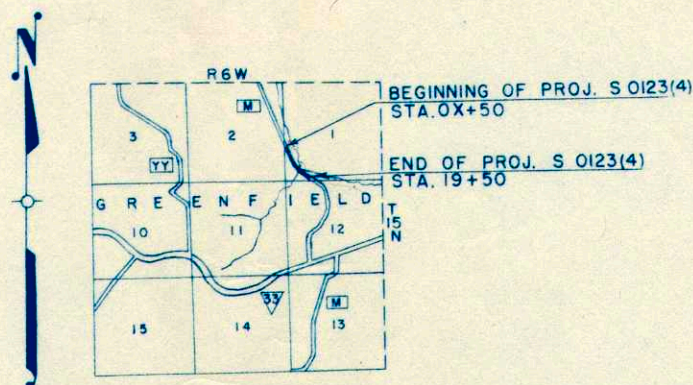
STATE OF WISCONSIN  
STATE HIGHWAY COMMISSION OF WISCONSIN

PLAN AND PROFILE OF PROPOSED

S.T.H. 33 - BARRE MILLS (MASHAK BR.)  
LA CROSSE COUNTY  
PROJECT S 0123(4)

BEGINNING APPROX. 920 FEET SOUTH AND 350 FEET EAST OF  
THE WEST 1/4 CORNER OF SEC. 1, T15N, R6W AND EXTENDING  
SOUTHEASTERLY TO A POINT APPROX. 240 FEET NORTH AND  
1570 FEET EAST OF THE SOUTHWEST CORNER OF SEC. 1,  
T15N, R6W.

SCALES } PLAN 1 IN. = 100 FT.  
          } PROFILE HOR. 1 IN. = 100 FT. VERT. 1 IN. = 10 FT.  
          } CROSS SECTIONS HOR. 1 IN. = 5 FT. VERT. 1 IN. = 5 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	-----		
TRAVELED WAY OR P.E.	-----	GROUND ELEVATION	DATUM LINE 73.9
RAILROADS	-----	GRADE ELEVATION	DATUM LINE 73.6
BASE OR SURVEY LINE	-----		

LAYOUT  
SCALE 1 MILE

TOTAL NET LENGTH OF CENTERLINE = 0.377 MI.

COUNTY AND HIGHWAY	ROUTE AND SECTION	CLASS AND AGREEMENT		FEDERAL DIVISION OFFICE	SHEET NUMBER	TOTAL SHEETS
		STATE	FEDERAL			
32.6	123.0		11.4	WIS. 5N	1	17

STATE HIGHWAY COMMISSION OF WISCONSIN  
MADISON, WIS.

SURVEYOR W.L.S. NOTE BOOK 8720  
DIVISION COMPUTER J. W. M. M. O. CHECKER  
DIVISION CHECKER B.C.J. CORRECT

CORRECT:  
DATE 2/27/57 Tom Reynolds  
DIVISION ENGINEER

RECOMMENDED FOR APPROVAL:  
DATE 2/13/57 A. B. P.  
CONSTRUCTION ENGINEER

APPROVED:  
DATE 2/14/57 E. L. P.  
STATE HIGHWAY ENGINEER

DEPARTMENT OF COMMERCE  
BUREAU OF PUBLIC ROADS

RECOMMENDED FOR APPROVAL:  
DISTRICT ENGINEER \_\_\_\_\_ DATE \_\_\_\_\_

APPROVED  
DIVISION ENGINEER \_\_\_\_\_ DATE \_\_\_\_\_

S0123 (4)

# ESTIMATE OF QUANTITIES

CONTRACT NO. 1

PROJECT	SHEET NO.	TOTAL SHEETS
S0123(4)	2	17

THIS PROJECT IS TO BE EXECUTED UNDER THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION OF THE STATE HIGHWAY COMMISSION OF WISCONSIN - EDITION OF 1951, SUBMITTED FOR APPROVAL MARCH 2, 1951. FEDERAL AID REQUIRED.  
 CONTRACT PROVISIONS APPROVED NOV. 8, 1948 AND SPECIAL PROVISIONS AS ATTACHED TO PROPOSAL.

STATION TO STATION	NET LENGTH OF CENTER LINE	CLEAR-GRUBBING		EXCAVATION			SAND GRAVEL FILL	FINISHING ROADWAY	OBLITERATING OLD ROAD	GRAVEL OR CRUSHED STONE BASE COURSE	CULVERT PIPE			RIP-RAP	GUARD FENCE			MARKER POSTS FOR R/W	MARKER POSTS FOR MC-1	BITUM. MAT'L FOR PRIME COAT MC-1	BITUM. ROAD MIX SURFACE	AGG. FOR BITUM. ROAD MIX SURFACE	BITUM. MAT'L FOR SURFACE COURSE SC-6+7	REMOVE OLD BRIDGE STA.	EXCAV. FOR STRUCTURES BRIDGES	CONC. MASONRY BRIDGES	BAR STEEL REINF. BRIDGES	STRUCT. CARBON STEEL	SHEET LEAD	DELIVERED	DRIVEN	FLOOR DRAINS	TOPSOIL		FER-TILIZER	SEEDING
		ING	ING	COMMON	ROCK	BORROW					18"	24"	30"		2512-1	2523-	2523-																2523-3	2523-4		
ITEM NO.	UNIT	STA.	STA.	C.Y.	C.Y.	C.Y.	C.Y.	STA.	STA.	C.Y.	C.Y.	LN. FT.	LN. FT.	LN. FT.	C.Y.	LN. FT.	EACH	EACH	TON	S.Y.	C.Y.	TON	L.S.	C.Y.	C.Y.	LB.	LB.	LB.	LUMP SUM	LN. FT.	LN. FT.	EACH	SQ. YD.	SQ. YD.	SQ. YD.	
		0+50	19+50	1988.4	8	8	5168	851	401	3378	19.7	1500	78	112	96		18	21						470	178.2	10660	11500	63			1	2000		9800		

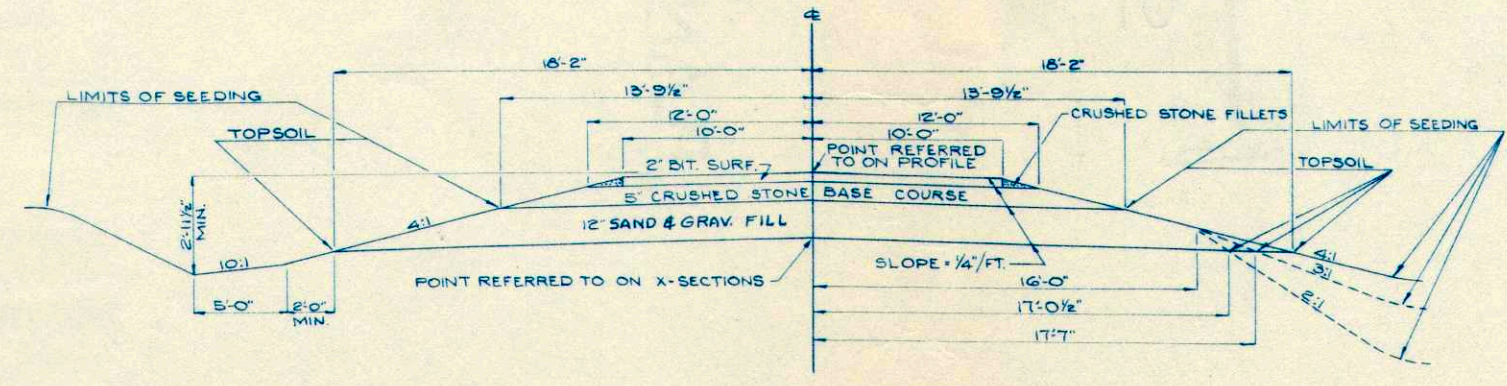
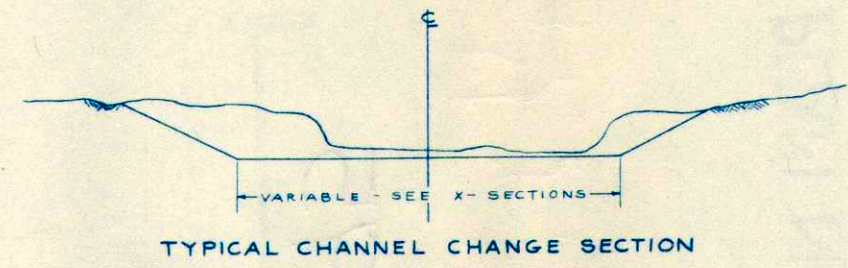
### MISCELLANEOUS QUANTITIES

CLEARING		GRUBBING	
STA. TO STA.	STA.	STA. TO STA.	STA.
7+00 - 8+00	1	7+00 - 8+00	1
10+00 - 12+00	2	10+00 - 12+00	2
0A+00 - 1A+00 CHCK	1	0A+00 - 1A+00 CHCK	1
14+00 - 19+00	4	14+00 - 19+00	4

MARKER STATION	LOC.	NO.
3+70 CULV.	R & L	2
8+59 " "	R & L	2
17+20 " "	R & L	2
12+08-13+08 25' CTR'S	L	5
12+83-13+08 " "	R	2
13+37-13+87 " "	L	3
13+37-13+62 " "	R	2

CRUSHED STONE BASE COURSE	LOC.	C.Y.
0X+50 - 19+50	¢	1070
9+00 P.E.	R & L	20
14+07 P.E.	R	10
STOCKPILE	-	400

CULVERT PIPE	LOC.	SIZE
3+70	¢	24" x 60'
8+59	¢	2-30" x 48'
9+00	P.E. L	18" x 26'
9+00	P.E. R	18" x 26'
14+07	P.E. R	18" x 26'
17+20	¢	24" x 52'



APPLICABLE STANDARD DETAIL DRAWINGS  
 DETAILS OF P.E. & SIDE ROAD APPR. ----- J-3.11  
 MARKER POSTS - SHOULDER AND CULVERTS ----- 7-1.11  
 MARKER POSTS FOR R/W ----- 7-1.22  
 CONSTRUCTION BARRICADE ----- 7-4.11