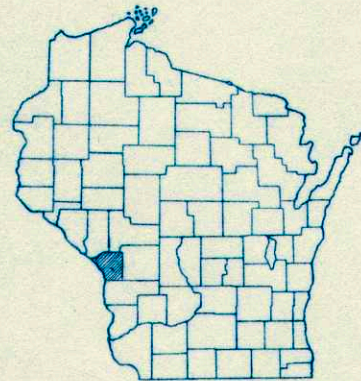


COUNTY AND HIGHWAY	ROUTE AND SECTION	CLASS AND AGREEMENT		FEDERAL DIVISION OFFICE	SHEET NUMBER	TOTAL SHEETS
		STATE	FEDERAL			
32.2	122.0	21.1	11.2	WIS. 5 N	1	23

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. 3 RIGHT OF WAY PLAT
- SHEET NO. 4 PLAN AND PROFILE STA. 2+00 TO STA. 30+00
- SHEET NO. 5-8 STANDARD DETAILS
- SHEET NO. 9-11 DRAINAGE STRUCTURES
- SHEET NO. 12-23 CROSS SECTIONS



STATE OF WISCONSIN  
STATE HIGHWAY COMMISSION OF WISCONSIN

PLAN AND PROFILE OF PROPOSED

S.T.H. 33 — BANGOR (DUTCH CREEK BR.)  
LA CROSSE COUNTY

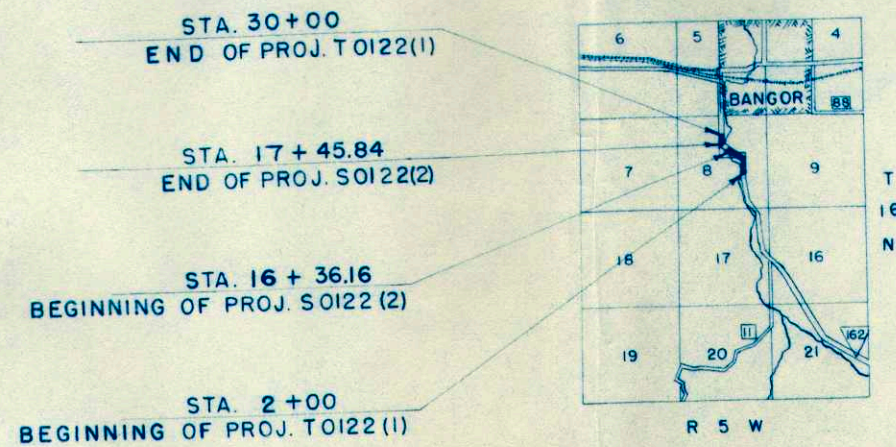
PROJECT S 0122(2)

PROJECT T 0122(1)

B-32-15 LOCATED APPROX. 770 FT. NORTH & 400 FT. EAST OF THE CENTER OF SEC. 8, T 16 N, R 5 W.

BEGINNING AT A POINT NEAR THE CENTER OF THE S.E. 1/4 OF SECTION 8 - T 16 N, R 5 W AND EXTENDING NORTHWESTERLY TO A POINT NEAR THE NORTH 1/16 CORNER ON THE NORTH AND SOUTH QUARTER LINE OF SECTION 8 - T 16 N, R 5 W.

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 73.16
RAILROADS	-----		
BASE OR SURVEY LINE	-----		

LAYOUT

SCALE 1 MILE

TOTAL NET LENGTH OF CENTERLINE = 0.481 MI. (T0122(1))  
" " " " " 0.021 MI. (S0122(2))

STATE HIGHWAY COMMISSION OF WISCONSIN  
MADISON, WIS.

SURVEYOR W.F.W. NOTE BOOK 8763  
DIVISION COMPUTER W.F.W. M. O. CHECKER  
DIVISION CHECKER R.C.J. CORRECT

CORRECT:  
DATE 8/16/51 T.M. Reynolds  
DIVISION ENGINEER

RECOMMENDED FOR APPROVAL:  
DATE 8/22/51 C.C. Shick  
CONSTRUCTION ENGINEER

APPROVED:  
DATE 8/25/51 E.E. Rustigen  
STATE HIGHWAY ENGINEER

DEPARTMENT OF COMMERCE  
BUREAU OF PUBLIC ROADS

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

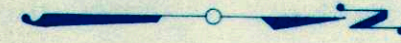
APPROVED:  
DIVISION ENGINEER \_\_\_\_\_ DATE \_\_\_\_\_







COUNTY AND HIGHWAY	ROUTE AND SECTION	CLASS AND AGREEMENT		FEDERAL DIVISION OFFICE	SHEET NUMBER	TOTAL SHEETS
		STATE	FEDERAL			
32.2	122.0	21.1		WIS. 5N	4	



T O W N O F

NE-SW

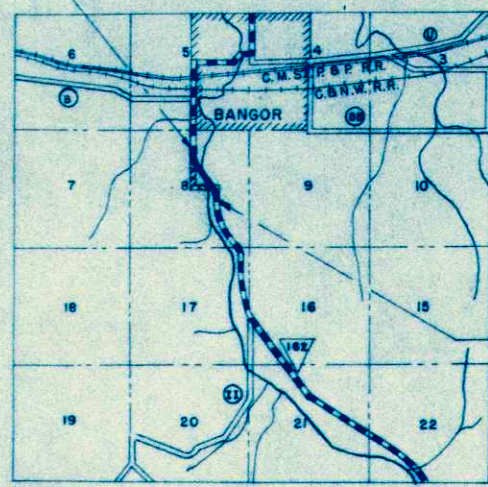
SE-NW

NE-NW

JOHN E RUEDY

F. J. SCHROEDER

STA 31+20  
END RELOC. ORDER  
PROJECT T0122 (1)



LOCATION SKETCH  
SCALE  
0 1/2 MILES

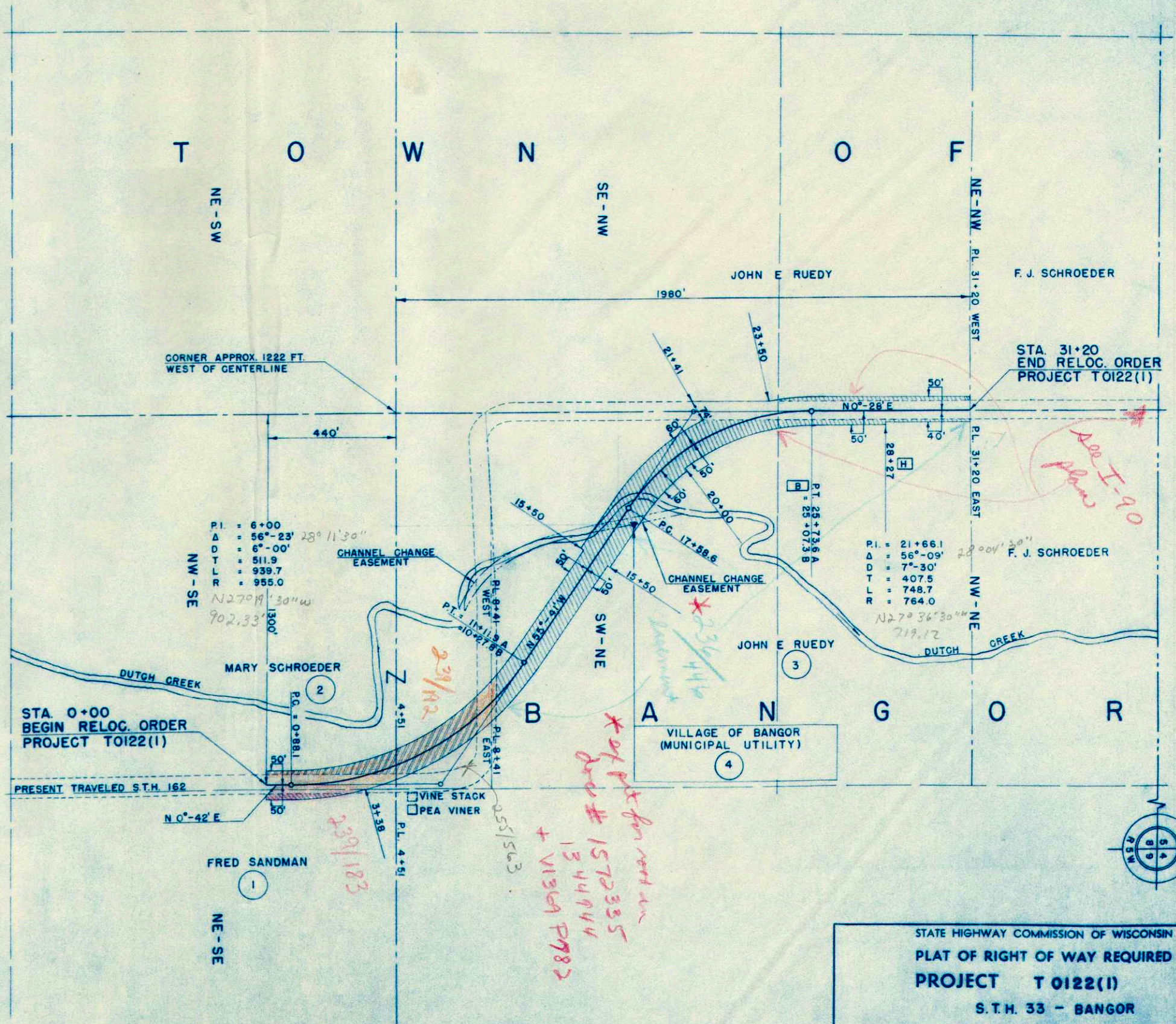
STA. 0+00  
BEGIN RELOC. ORDER  
PROJECT T0122 (1)

STA. 31+20  
END RELOC. ORDER  
PROJECT T0122(1)

CORNER APPROX. 1222 FT.  
WEST OF CENTERLINE

PI. = 6+00  
A = 56°-23' 28" 11'30"  
D = 6°-00'  
T = 511.9  
L = 939.7  
R = 955.0  
NW-SE  
N27°19'30"W  
902.33'

PI. = 21+66.1  
A = 56°-09' 28" 04' 30"  
D = 7°-30'  
T = 407.5  
L = 748.7  
R = 764.0  
NW-NE  
N27°36'30"W  
719.12'



STA. 0+00  
BEGIN RELOC. ORDER  
PROJECT T0122(1)

VILLAGE OF BANGOR  
(MUNICIPAL UTILITY)

NOTE: ACQUIRE EASEMENTS FOR HIGHWAY PURPOSES EXCEPT AS OTHERWISE NOTED

PAR.	OWNER	ACRES	INTEREST REQUIRED
1	FRED SANDMAN	0.08	HIGHWAY EASEMENT
2	MARY SCHROEDER	1.18	HIGHWAY EASE. & CH. CH. EASEMENT
3	JOHN E. RUEDY	3.61	" " " "
4	VILL. OF BANGOR (MUNICIPAL UTIL.)	-	POLE EASEMENT RELEASE

STATE HIGHWAY COMMISSION OF WISCONSIN  
**PLAT OF RIGHT OF WAY REQUIRED**  
**PROJECT T 0122(1)**  
 S.T.H. 33 - BANGOR ROAD  
 S.T.H. NO. 162 LA CROSSE COUNTY

SCALE  
 0 100 200 400 FT.  
 LENGTH=0.562 MILES DATED JUNE 28, 1982

*Handwritten notes:*  
 \* 0.17 AC for right of way  
 1572335  
 1344944  
 + V1369 P982

*Handwritten notes:*  
 239/183

*Handwritten notes:*  
 See T-90



P.I. = 21+66.1  
 = 56°-30'  
 = 7°-30'  
 = 407.5  
 = 748.7  
 = 764.0  
 S.E. = 0.085'/FT. MAX.

PLAN  
 DRAWINGS  
 CHECKED  
 DATE  
 11-50  
 W.F.W.

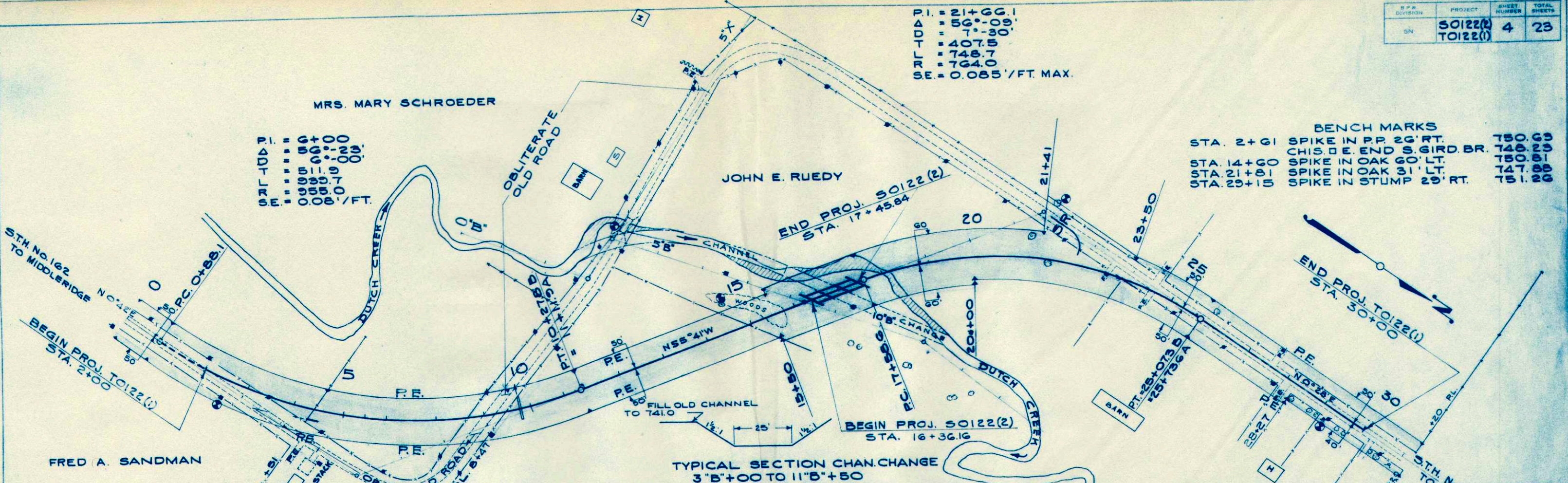
PROFILE  
 DRAWINGS  
 CHECKED  
 DATE  
 11-50  
 W.F.W.

MRS. MARY SCHROEDER

JOHN E. RUEDY

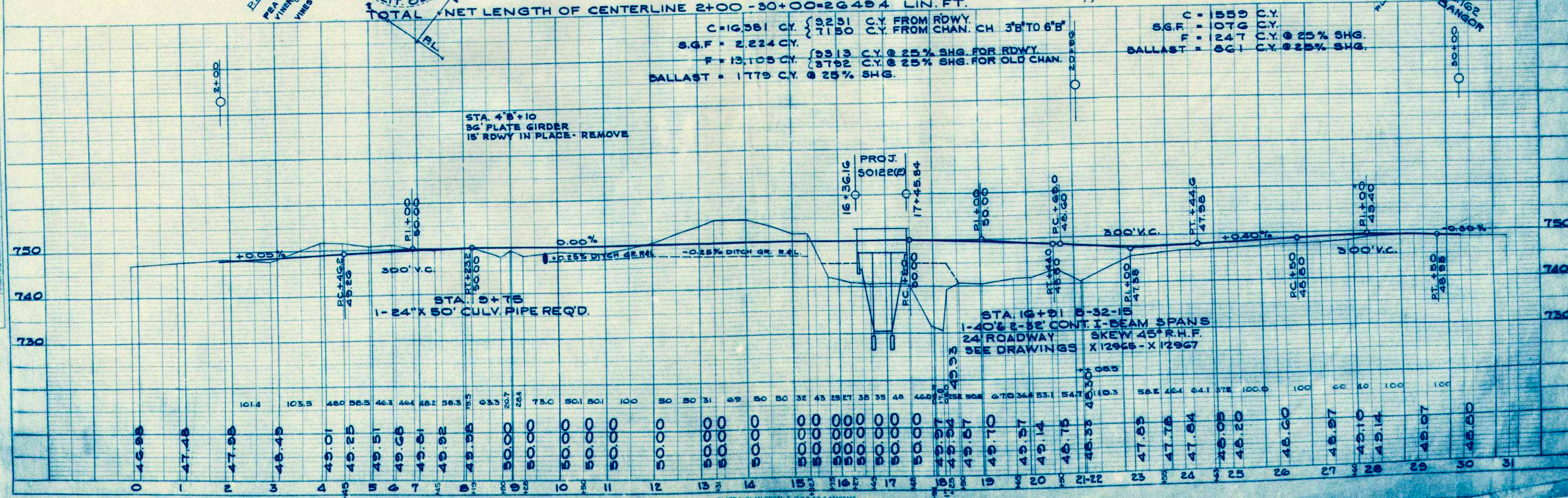
FRED A. SANDMAN

**BENCH MARKS**  
 STA. 2+61 SPIKE IN P.P. 26' RT. 750.63  
 STA. 14+60 CHIS. OF. END S. BRD. BR. 749.29  
 STA. 21+81 SPIKE IN OAK 60' LT. 750.81  
 STA. 29+15 SPIKE IN OAK 31' LT. 747.88  
 STA. 29+15 SPIKE IN STUMP 29' RT. 751.26

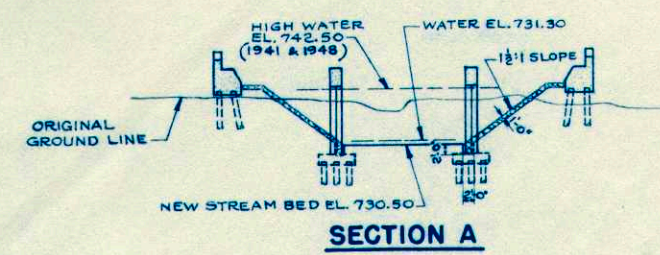
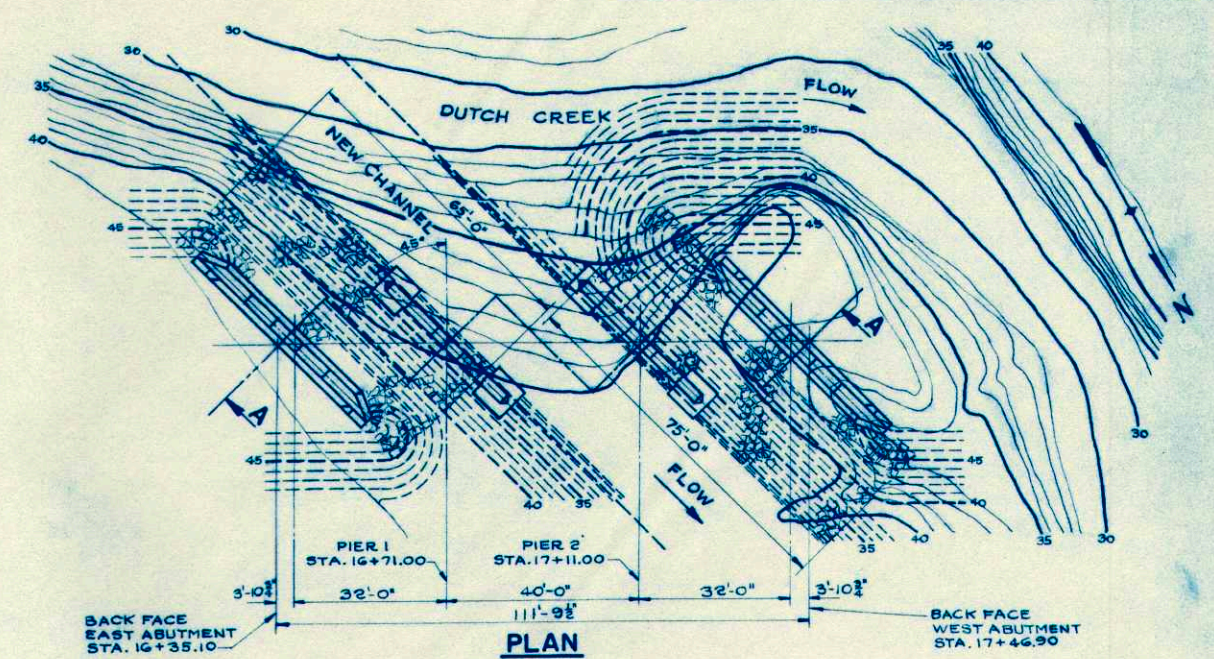
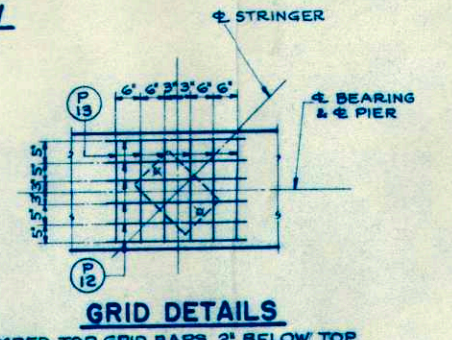
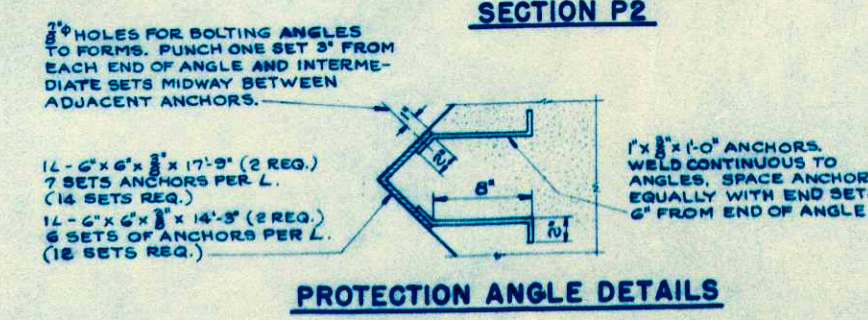
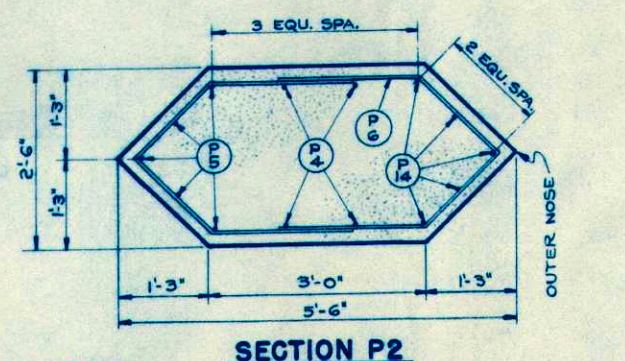
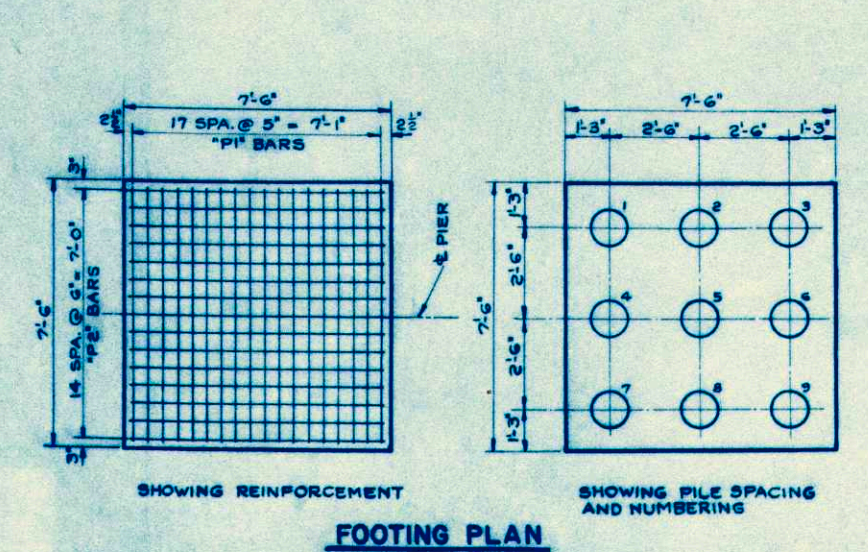
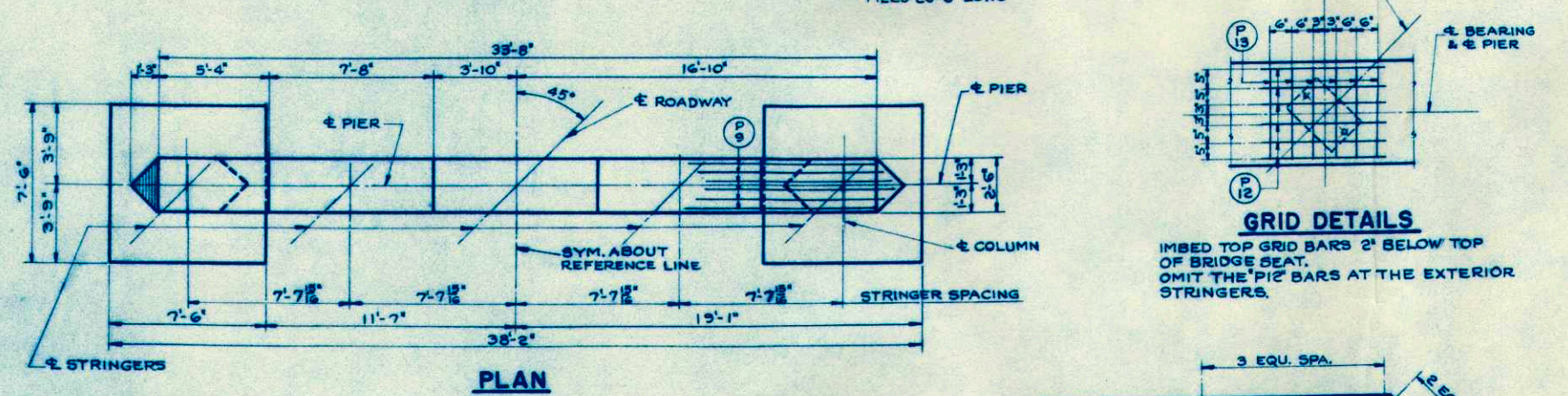
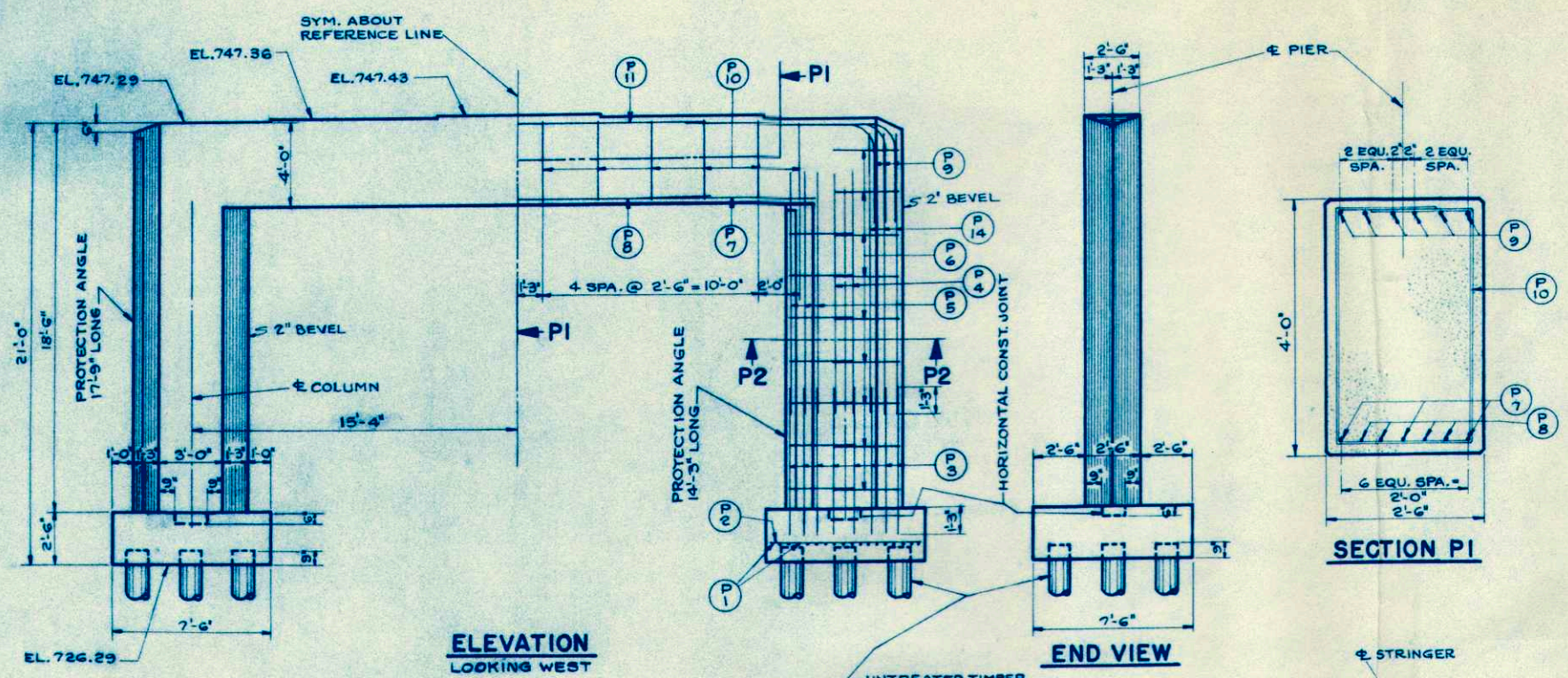


**TYPICAL SECTION CHAN. CHG**  
 3'B'+00 TO 11'B'+50  
**TOTAL NET LENGTH OF CENTERLINE 2+00 - 30+00 = 2649.4 LIN. FT.**  
 C = 16,381 C.Y. { 9231 C.Y. FROM RDWY.  
 7150 C.Y. FROM CHAN. CH 3'B' TO 6'B'  
 S.G.F = 2,224 C.Y.  
 F = 13,105 C.Y. { 9313 C.Y. @ 25% SHG. FOR RDWY.  
 3792 C.Y. @ 25% SHG. FOR OLD CHAN.  
 BALLAST = 1,779 C.Y. @ 25% SHG.

C = 1559 C.Y.  
 S.G.F = 070 C.Y.  
 F = 247 C.Y. @ 25% SHG.  
 BALLAST = 861 C.Y. @ 25% SHG.







**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 IN FLOOR SHALL BE CUT OFF AT FLOOR DRAINS.

BOLT FLOOR DRAIN GRATES TO FRAMES FOR SHIPMENT.

ALL RIVETS SHALL BE 3/8" UNLESS OTHERWISE SPECIFIED. ALL FIELD CONNECTIONS IN STRINGER SPLICES AND RAILING POST CONNECTIONS TO CHANNEL BRACKETS SHALL BE RIVETS OR TURNED BOLTS. OTHER FIELD CONNECTIONS SHALL BE MADE WITH RIVETS OR RIBBED TIGHT-FIT BOLTS IN FULL SIZE.

PUNCHED HOLES. PILES FOR ABUTMENTS SHALL BE TREATED TIMBER PILES 35'-0" LONG AND DRIVEN TO A MINIMUM BEARING VALUE OF 15 TONS PER PILE. PILES FOR PIERS SHALL BE UNTREATED TIMBER PILES 25'-0" LONG AND DRIVEN TO A MINIMUM BEARING VALUE OF 18 TONS PER PILE. AFTER THE FILL IS IN PLACE THE TOP AND SLOPE OF THE FILL IN FRONT OF THE ABUTMENTS SHALL RIPRAPPED AS SHOWN IN SECTION "A1" ON DRAWING X12967 AND TO THE EXTENT SHOWN IN "PLAN" ON THIS DRAWING.

**TOTAL ESTIMATED QUANTITIES**

BID ITEMS	UNIT	SUPER-STRUCTURE	PIERS	ABUTMENTS	TOTAL
EXCAVATION FOR STRUCTURES	C.Y.	—	230	70	300
CONCRETE MASONRY	C.Y.	74.5	69.7	112.0	256.2
BAR STEEL REINFORCEMENT	LB.	20000	5970	2610	28580
STRUCTURAL CARBON STEEL	LB.	50690	1010	—	51700
SHEET LEAD	LB.	260	—	—	260
SHEET ZINC	LB.	153	—	—	153
UNTREATED TIMBER TEST PILING (2 @ 40')	LF	—	—	—	1
UNTREATED TIMBER PILING DELIVERED	LF	—	875	—	875
UNTREATED TIMBER PILING DRIVEN	LF	—	875	—	875
TREATED TIMBER PILING DELIVERED	LF	—	—	1190	1190
TREATED TIMBER PILING DRIVEN	LF	—	—	1190	1190
FLOOR DRAINS	EACH	6	—	—	6
RIPRAP	C.Y.	—	—	170	170
SAND-GRAVEL FILL	C.Y.	—	—	30	30
<b>NON-BID ITEMS</b>					
EXPANSION JOINT FILLER	SIZE	1'	—	—	1'

**LIST OF DRAWINGS**

- 1-LAYOUT & PIERS X 12965
- 2-SUPERSTRUCTURE X 12966
- 3-ABUTMENTS & BILL OF BARS X 12967

STATE HIGHWAY COMMISSION OF WISCONSIN

**LAYOUT & PIERS**

CO. LA CROSSE TOWN BANGOR STA. 16+91.00

SECTION 8 TOWN 16 N RANGE 5 W

DATE 7/20/51 DRAWN P.A.M. CHECKED G.B. SPEC. 1951 LOAD H15

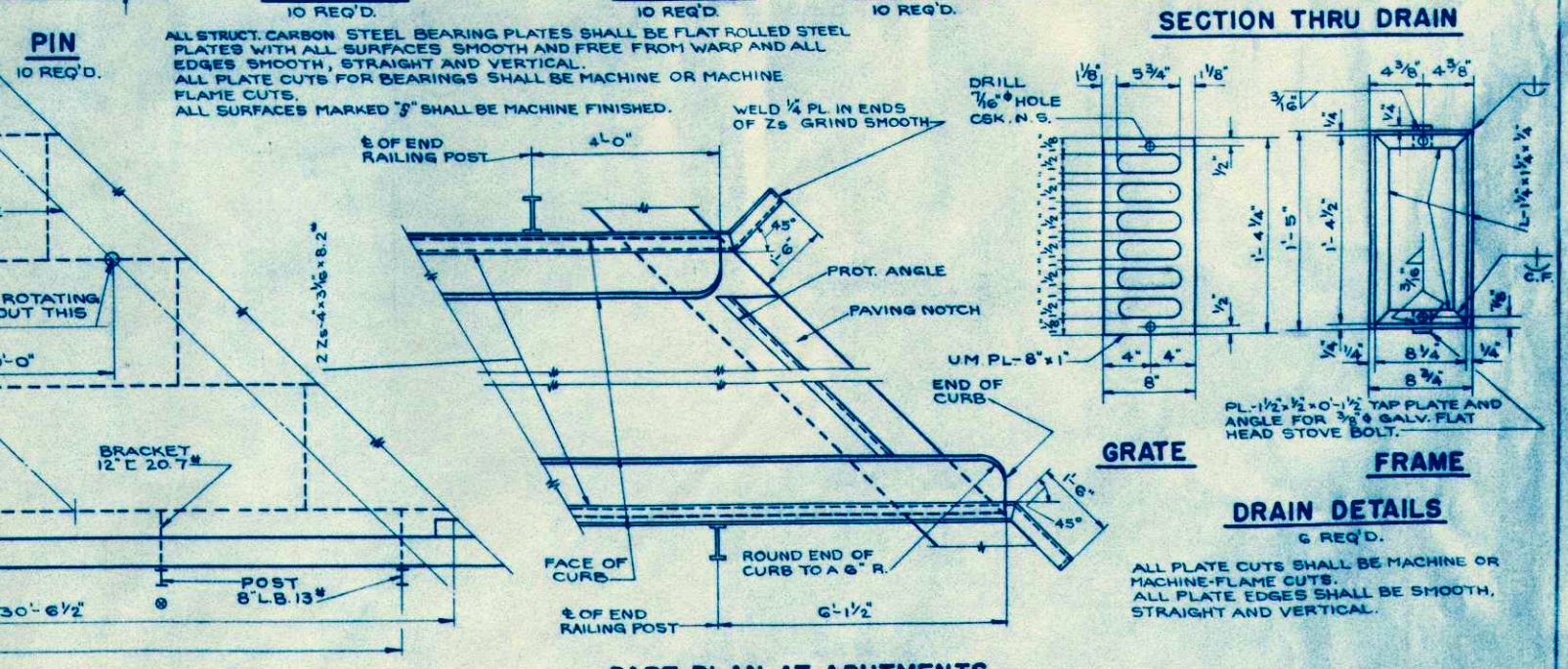
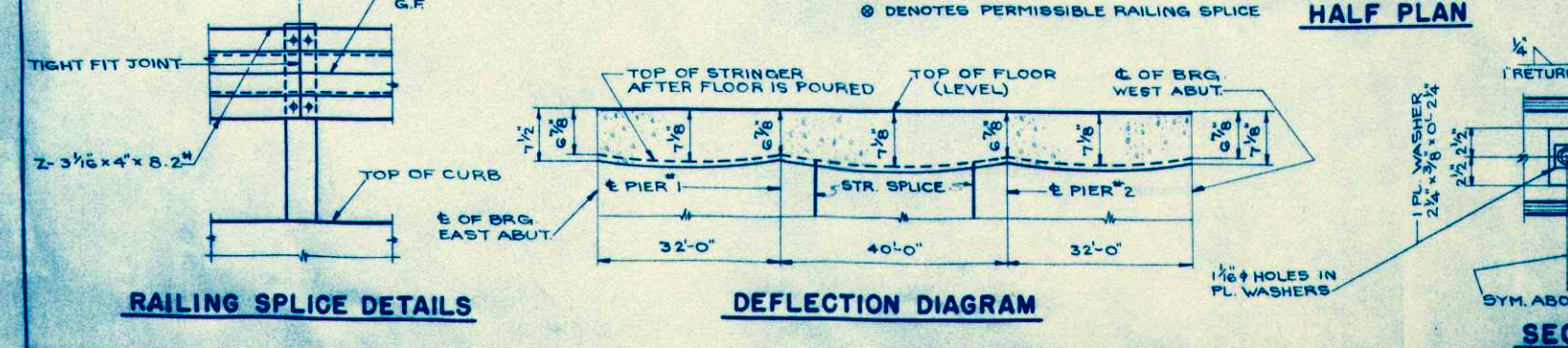
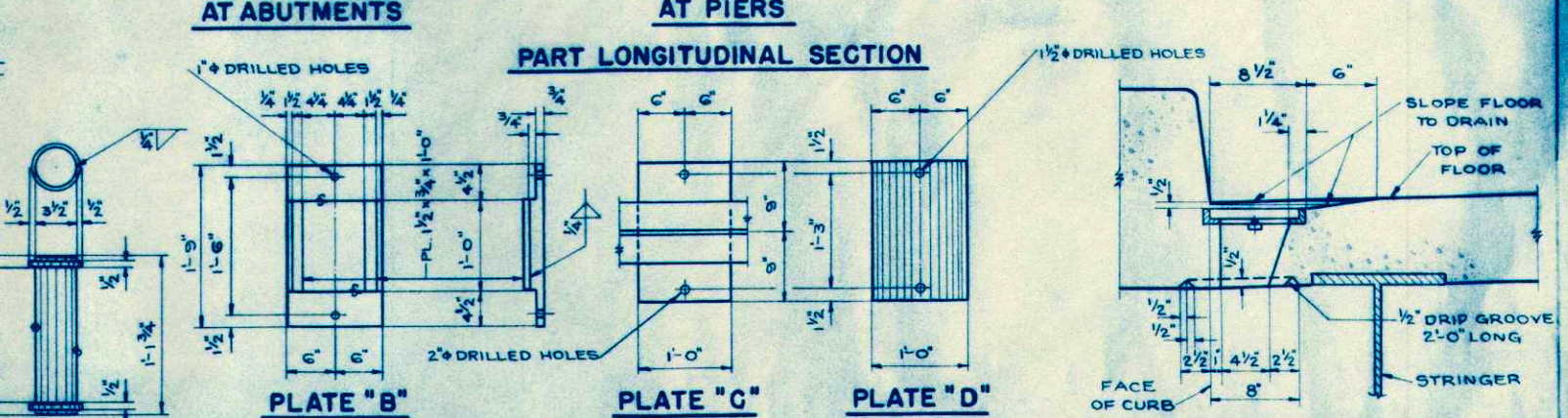
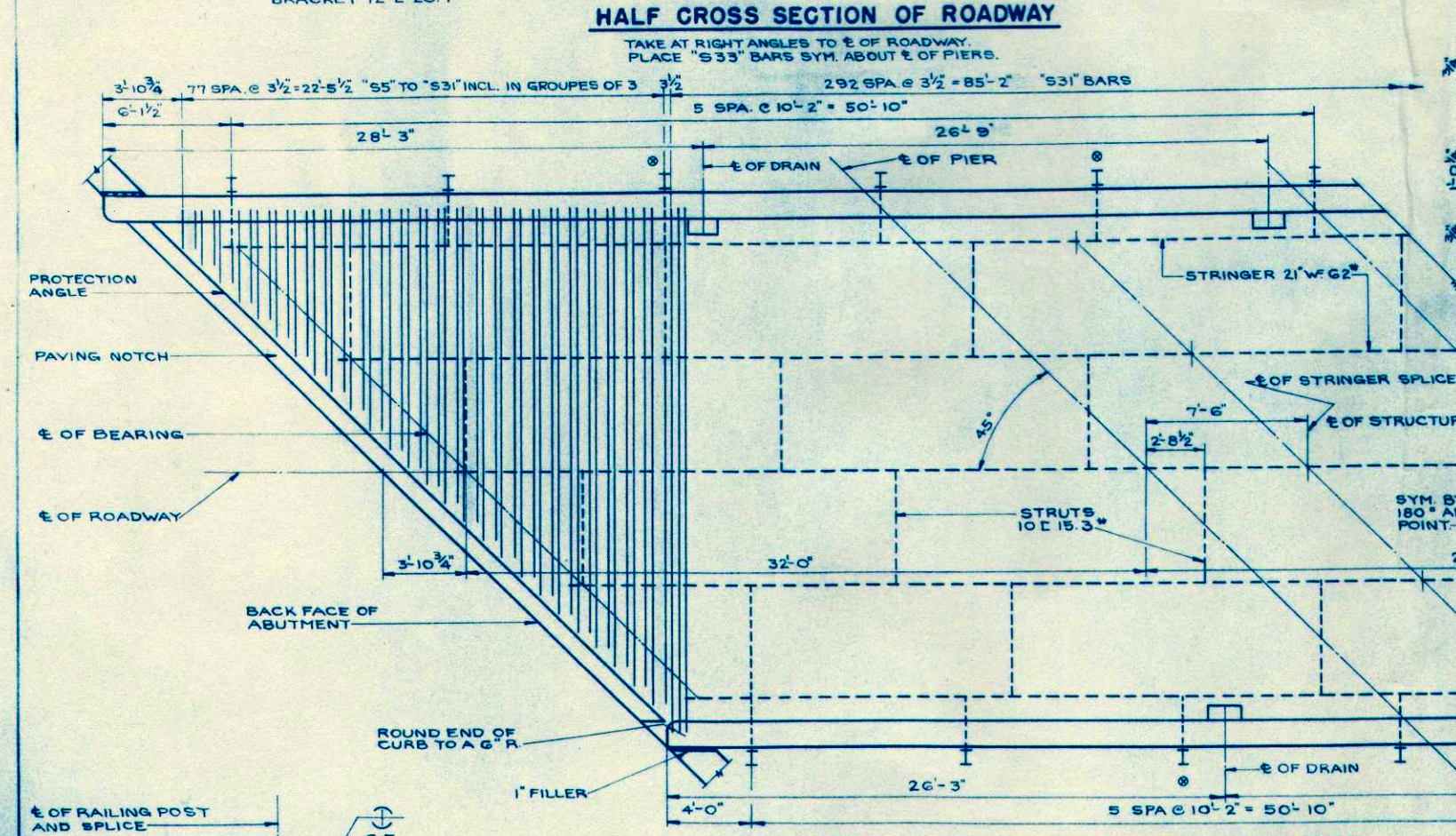
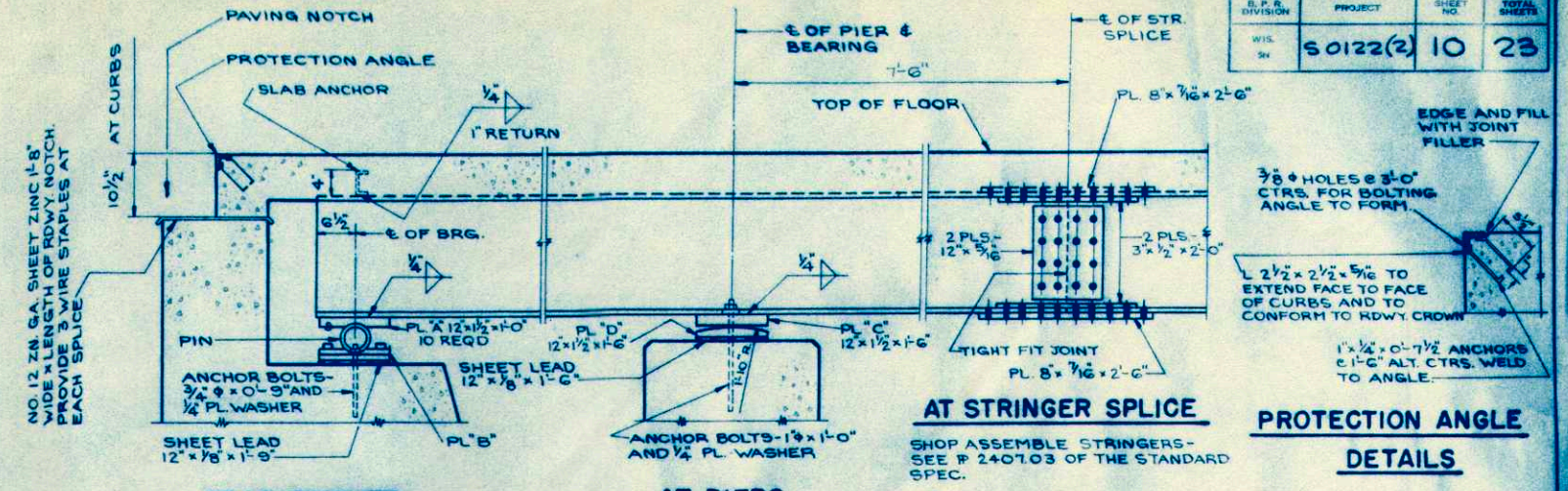
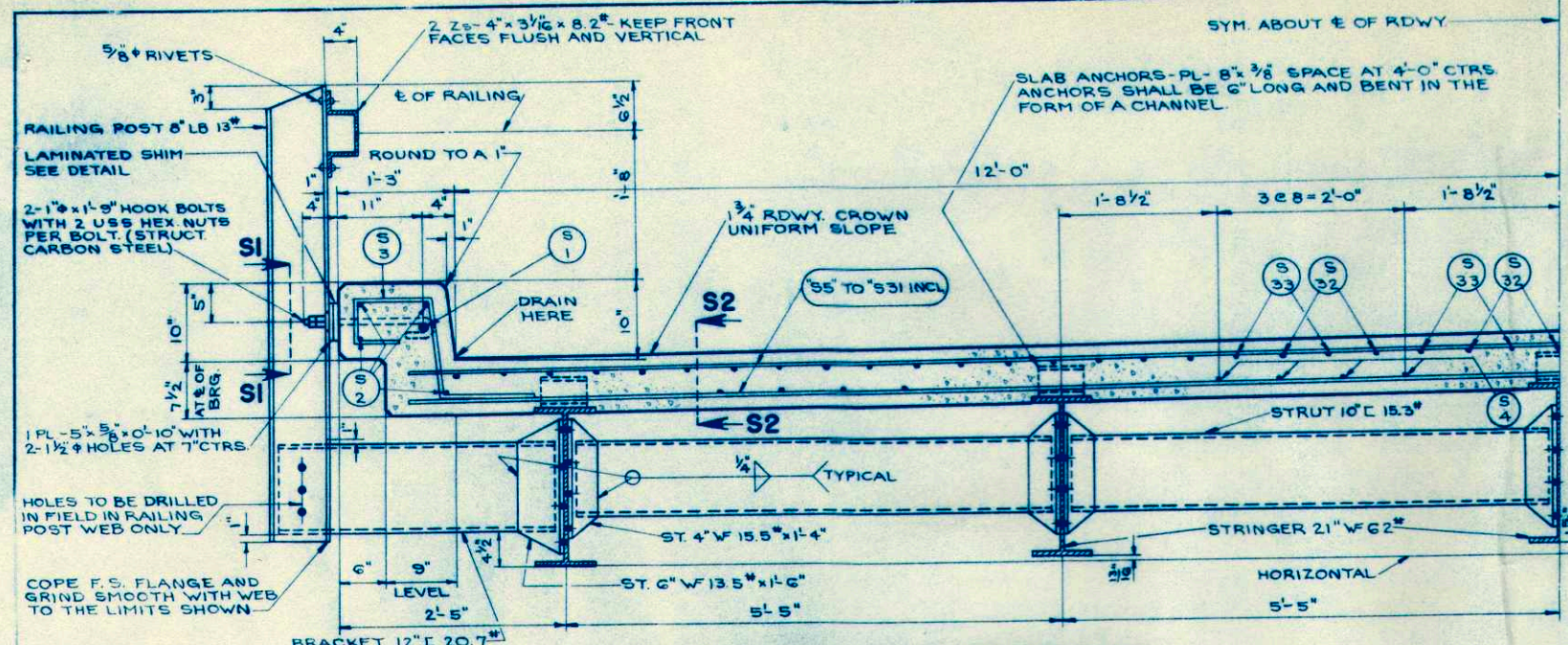
CONTRACT: *J. J. ...*

APPROVED: *E. J. ...*

STRUCTURE B-32-15 SHEET 1 OF 3

\* DRIVE ONE AT EAST ABUT. & ONE AT PIER #2







### BILL OF BARS

DIMENSIONS IN BENDING DETAILS ARE OUT TO OUT

#### SUPERSTRUCTURE 20,000<sup>#</sup>

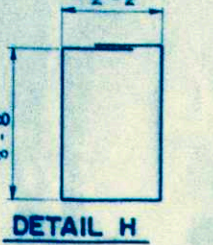
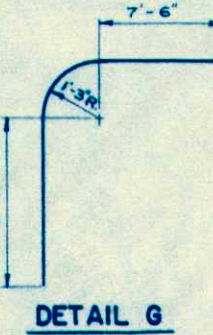
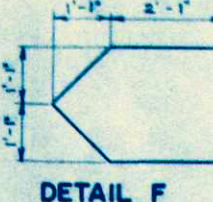
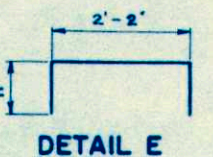
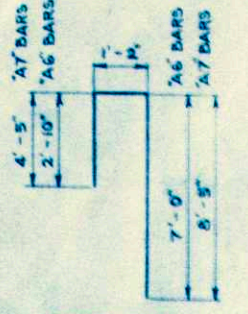
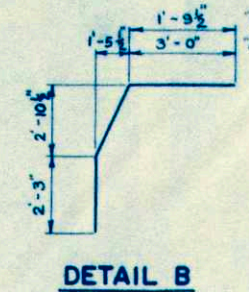
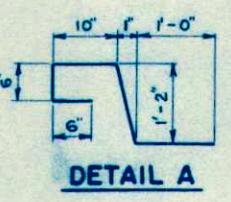
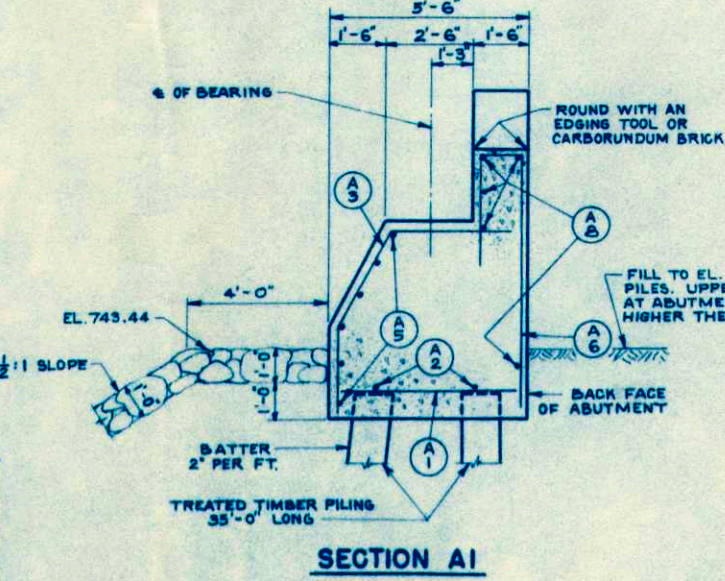
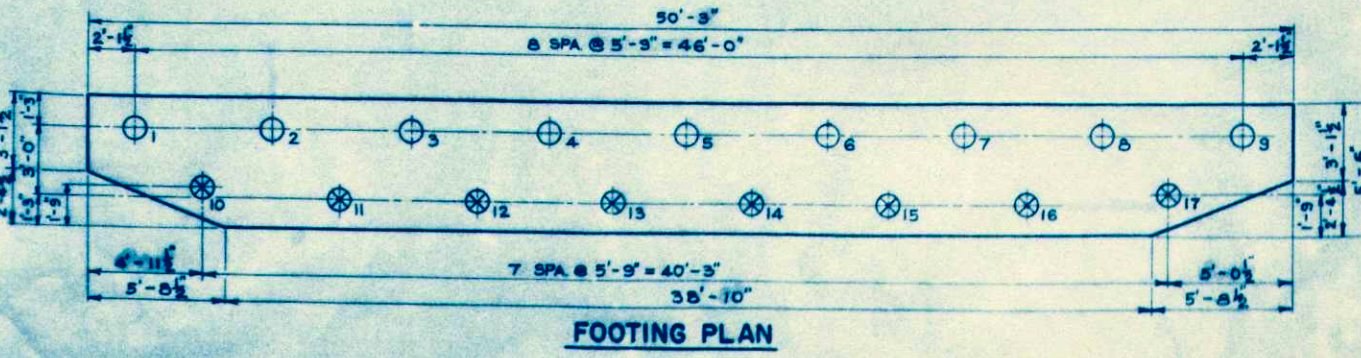
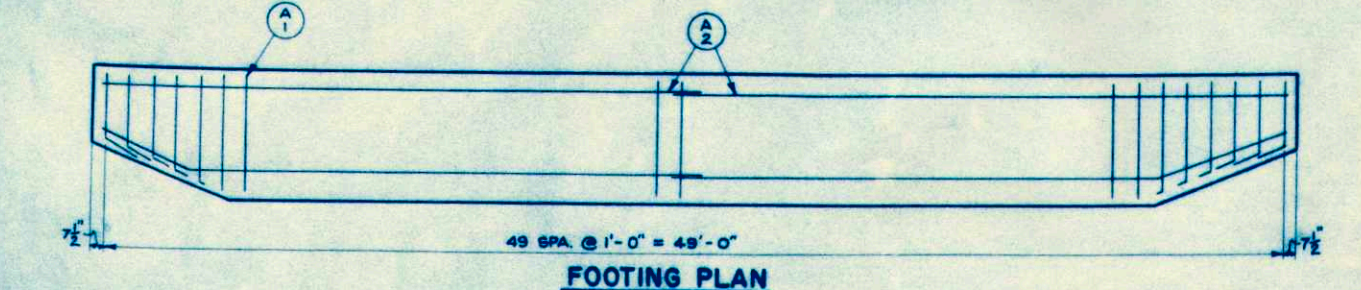
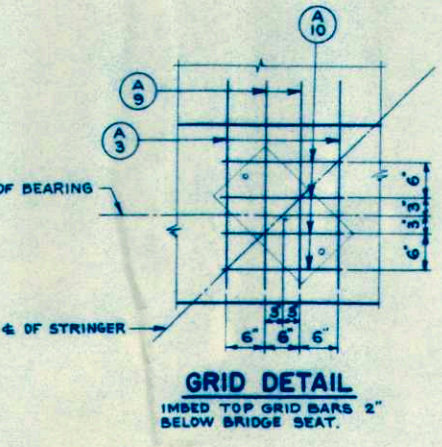
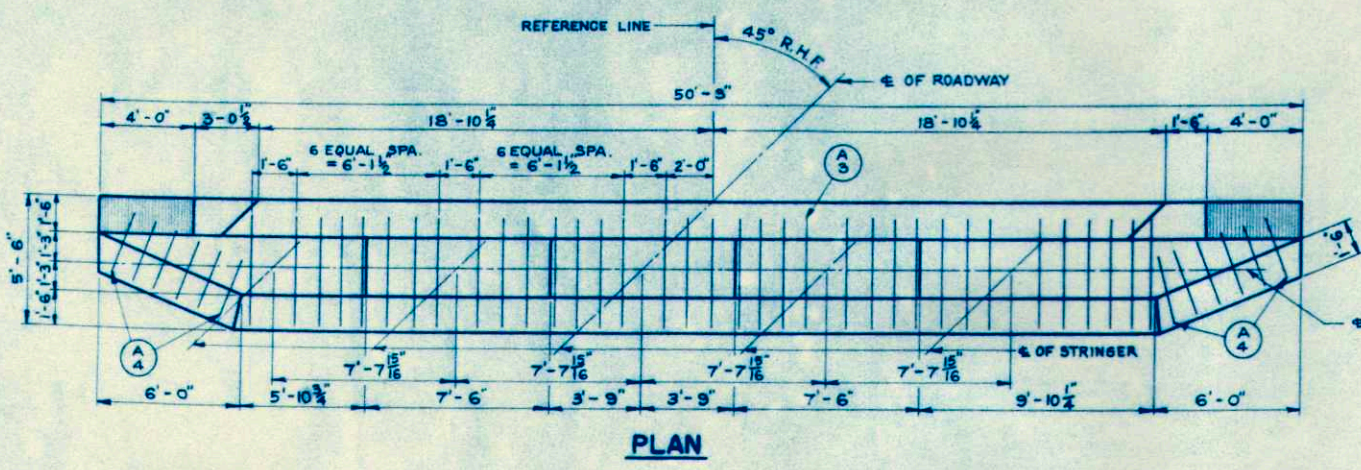
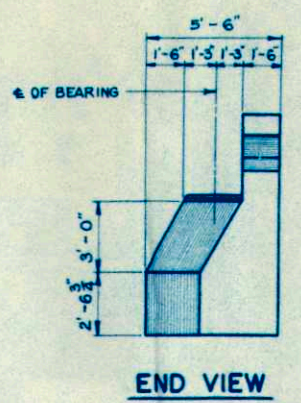
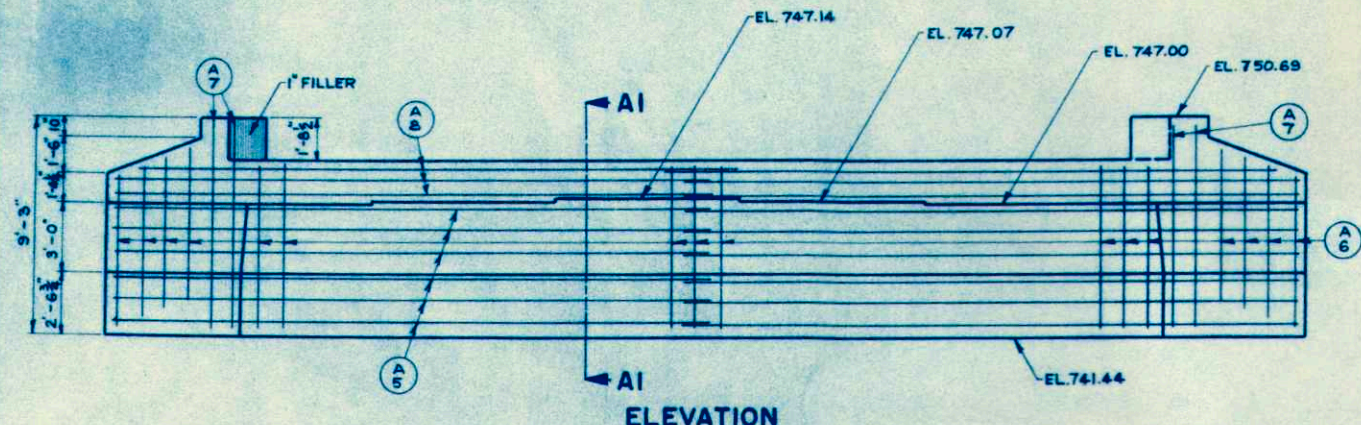
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ONE POUR	8	S1	8	27-6	SHOWN	CURBS (DO NOT LAP)	
	32	S2	4	28-6	SHOWN	CURBS & FLOOR	
	150	S3	4	4-0	1-6	CURBS	A
	64	S4	4	28-0	8	FLOOR	
	12	S5	4	1-9	3 1/2	"	
	12	S6	4	2-9	"	"	
	12	S7	4	3-9	"	"	
	12	S8	4	4-6	"	"	
	12	S9	4	5-3	"	"	
	12	S10	4	6-3	"	"	
	12	S11	4	7-0	"	"	
	12	S12	4	8-0	"	"	
	12	S13	4	8-9	"	"	
	12	S14	4	9-9	"	"	
	12	S15	4	10-6	"	"	
	12	S16	4	11-6	"	"	
	12	S17	4	12-3	"	"	
	12	S18	4	13-3	"	"	
	12	S19	4	14-0	"	"	
	12	S20	4	15-0	"	"	
	12	S21	4	15-9	"	"	
	12	S22	4	16-9	"	"	
	12	S23	4	17-6	"	"	
	12	S24	4	18-6	"	"	
	12	S25	4	19-6	"	"	
	12	S26	4	20-3	"	"	
	12	S27	4	21-3	"	"	
	12	S28	4	22-0	"	"	
	12	S29	4	23-0	"	"	
	12	S30	4	24-0	"	"	
	586	S31	4	25-0	"	"	
	100	S32	6	28-3	1-0	"	
	48	S33	4	16-0	1-0	"	
						- OVER PIERS ONLY	

#### ABUTMENTS 2610<sup>#</sup>

POUR	NO.	MARK	SIZE	LENGTH	SPACING	LOCATION	DET.
ONE POUR	100	A1	4	5-3	1-0	FOOTING	
	8	A2	4	25-3	SHOWN	"	
	70	A3	4	8-6	SHOWN	BODY	B
	24	A4	4	7-3	1-0	"	B
	24	A5	4	25-6	1-0	"	
	32	A6	4	11-0	1-0	PARAPET	C
	8	A7	4	14-0	1-0	"	C
	20	A8	4	25-6	SHOWN	"	
	20	A9	4	4-3	SHOWN	GRID	D
	40	A10	4	2-0	6	"	

#### PIERS 5970<sup>#</sup>

POUR	NO.	MARK	SIZE	LENGTH	SPACING	LOCATION	DET.
FOOTINGS	72	P1	4	7-3	5	FOOTINGS	
	60	P2	4	7-3	6	"	
	56	P3	6	7-0	SHOWN	& COLUMN	
COLUMNS & GIRDER	16	P4	5	11-6	SHOWN	COLUMNS	
	20	P5	8	11-6	"	"	
	64	P6	4	7-3	2-0	"	F
	6	P7	3	28-0	SHOWN	GIRDER	
	8	P8	3	18-0	"	"	
	24	P9	10	13-3	"	"	G
	24	P10	4	12-3	"	"	H
	4	P11	4	16-9	"	"	
	36	P12	4	3-0	"	GRIDS	
	60	P13	4	4-0	6	"	
	20	P14	8	13-6	SHOWN	COLUMNS	E



⊗ DENOTES BATTERED PILES

X 12967

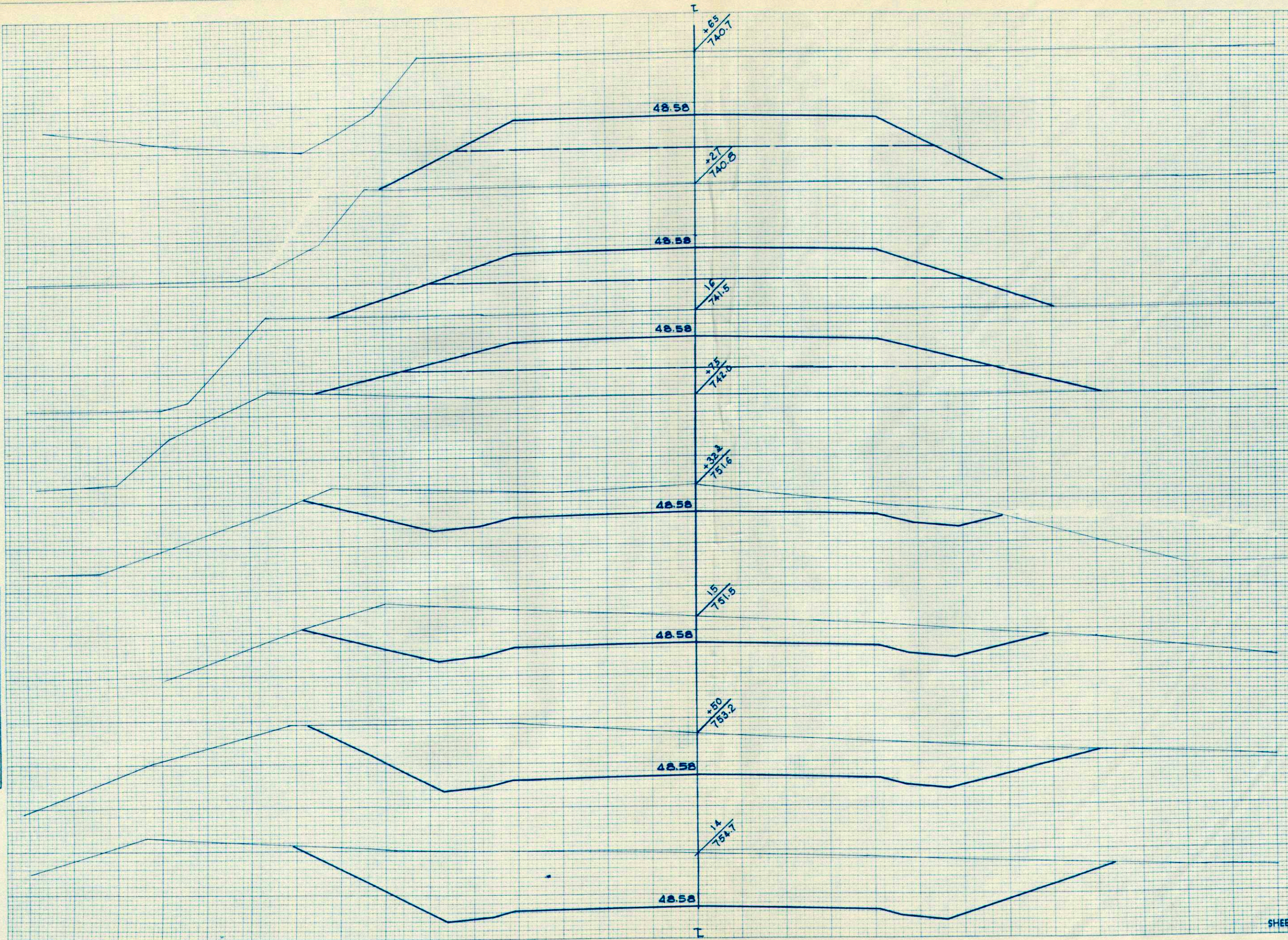






FINAL SURVEY  
 SURVEYED BY  
 PLOTTED BY  
 CHECKED BY  
 DATE

ORIGINAL SURVEY  
 SURVEYED BY  
 PLOTTED BY  
 CHECKED BY  
 DATE



STATION	DISTANCE	YARDAGE		
		COMMON	BALLAST	FILL
14				
+50		789	52	0
15		583	52	0
+32		259	33	0
+75		100		137
16		0		44
+27		0		26
+39		0		385
				26
				415
				28
				280
				13
				24
SHEET TOTAL		1731		248





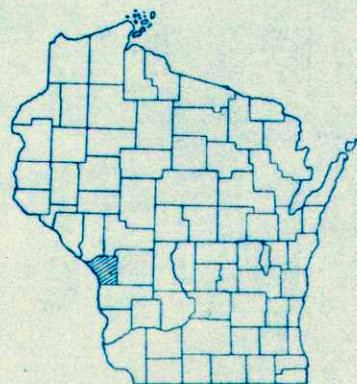






INDEX OF SHEETS

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- SHEET NO. 5-7 DRAINAGE STRUCTURES
- SHEET NO. - CROSS SECTIONS



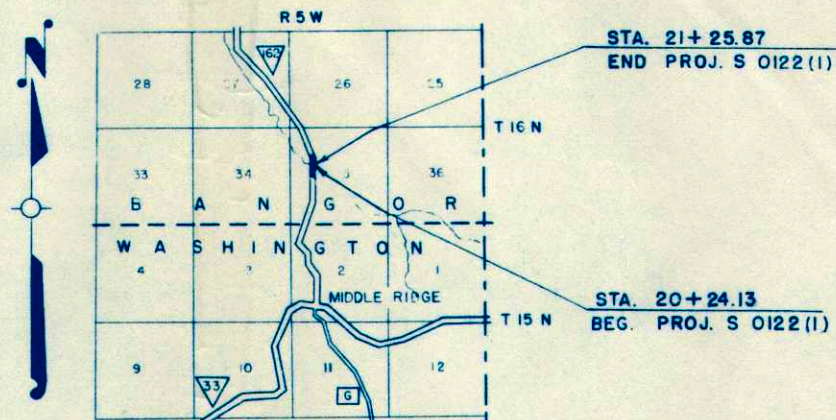
STATE OF WISCONSIN  
STATE HIGHWAY COMMISSION OF WISCONSIN

PLAN AND PROFILE OF PROPOSED

S.T.H. 33 - BANGOR (ANDERSON BR.)  
LA CROSSE COUNTY  
PROJECT S 0122(1)

B-32-12 LOCATED AT A POINT APPROX. 800 FT.  
NORTH OF THE WEST 1/16 CORNER ON THE  
EAST & WEST 1/4 LINE SEC. 35, T.16N, R.5W.

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 = 0.019 MI.

COUNTY AND HIGHWAY	ROUTE AND SECTION	CLASS AND AGREEMENT		FEDERAL DIVISION OFFICE	SHEET NUMBER	TOTAL SHEETS
		STATE	FEDERAL			
32.6	122.0		11.1	WIS. 5N	1	7

STATE HIGHWAY COMMISSION OF WISCONSIN  
MADISON, WIS.

SURVEYOR W.F.W. NOTE BOOK 8763  
 DIVISION COMPUTER W.F.B. M. O. CHECKER  
 DIVISION CHECKER R.G.J. CORRECT

CORRECT:  
 DATE 3/14/57 T.M. Russell  
 DIVISION ENGINEER

RECOMMENDED FOR APPROVAL:  
 DATE 8/22/57 W.E. Black  
 CONSTRUCTION ENGINEER

APPROVED:  
 DATE 8/25/57 E.L. Ruppel  
 STATE HIGHWAY ENGINEER

DEPARTMENT OF COMMERCE  
BUREAU OF PUBLIC ROADS

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

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



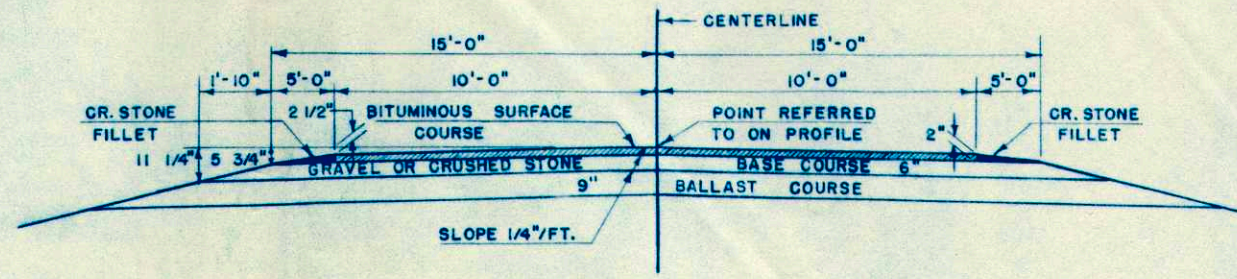
# ESTIMATE OF QUANTITIES

CONTRACT NO. 1

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 NOVEMBER 8, 1948 AND SPECIAL PROVISIONS AS ATTACHED TO PROPOSALS.

PROJECT	SHEET NO.	TOTAL SHEETS
S 0122(1)	2	7

STATION TO STATION	NET LENGTH OF CENTER LINE	CLEARING	REMOVING OLD BRIDGE STA 20+65	EXCAVATION			SAND GRAVEL FILL	FINISHING ROADWAY	OBLITERATING OLD ROAD	GRAVEL OR CRUSHED STONE SURFACE (BASE)		CONCRETE MASONRY BRIDGES	BAR STEEL REINF. BRIDGES	STRUCT. CARBON STEEL	SHEET LEAD	SHEET ZINC	GUARD FENCE		MARKER POSTS FOR R/W	MARKER POSTS	UNTREATED TIMBER TEST PILING (2@40')	TREATED TIMBER DELIVERED	TREATED TIMBER DRIVEN	FLOOR DRAINS	RIP RAP	TEMP. CROSSING STA 20+75	TOPSOIL				
				210 -	210 -	2107-1				2110-1	2114-1						2116-1	23									23	2401-1	2406-2	2407-1	2407-2
UNIT	LIN. FT.		L.S.	C.Y.	C.Y.	C.Y.	C.Y.	STA.	STA.	C.Y.	C.Y.	G.Y.	POUND	POUND	POUND	POUND	LIN. FT.	LIN. FT.	EACH	EACH	L.S.	LIN. FT.	LIN. FT.	EACH	C.Y.	L.S.	SQ. YD.	SQ. YD.	CWT.	SQ. YD.	
20+24.13 — 21+25.87	101.74		1			230						205.3	25,340	45,400	260	90						1	550	550	4	150	1				



TYPICAL SECTION FOR 30 FT. ROADBED

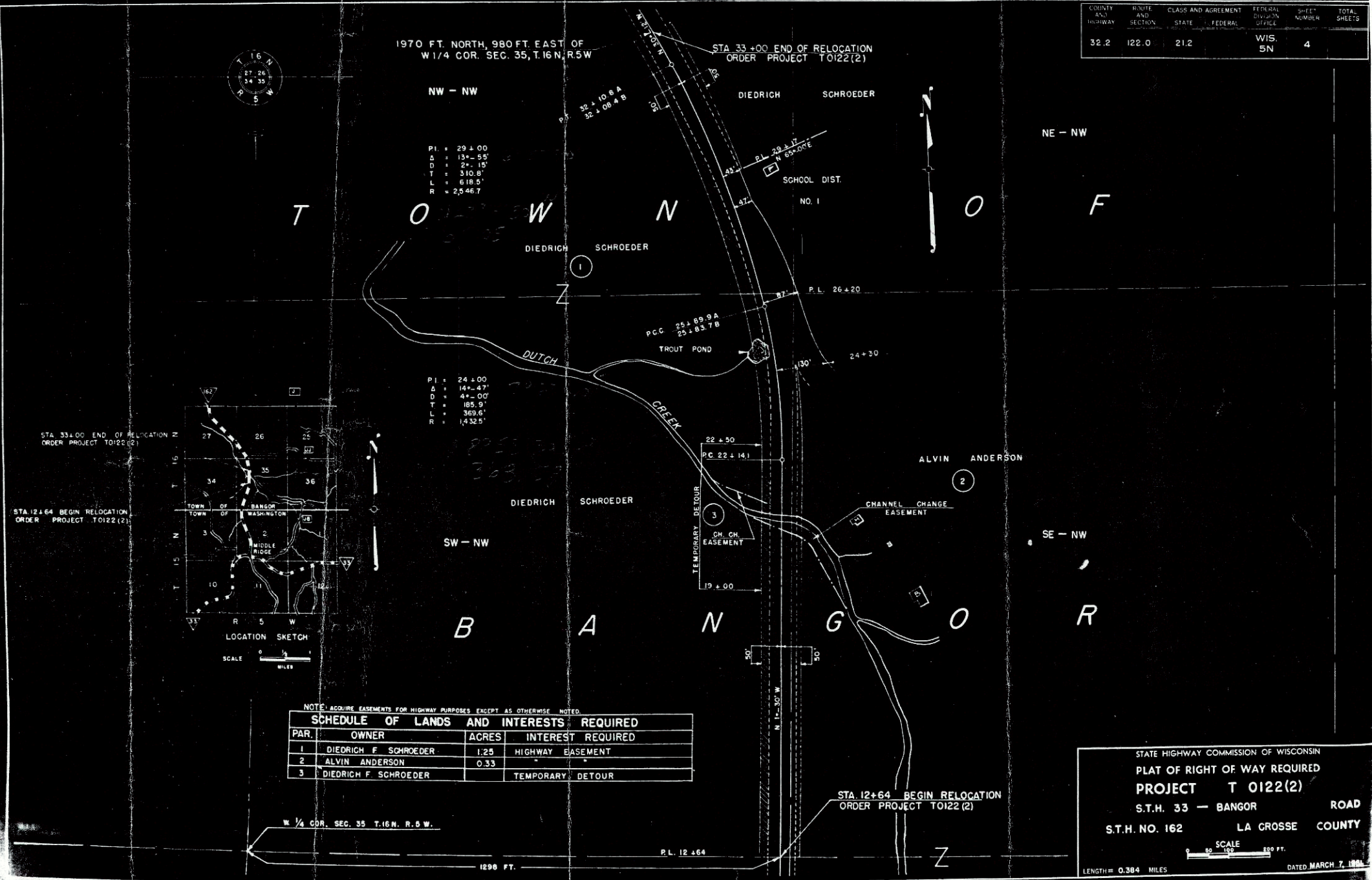


File 162-2

V239 P108

V239 P109

COUNTY AND HIGHWAY	ROUTE AND SECTION	CLASS AND AGREEMENT	FEDERAL DIVISION OFFICE	SHEET NUMBER	TOTAL SHEETS
32.2	122.0	21.2	WIS. 5N	4	



1970 FT. NORTH, 980 FT. EAST OF  
W 1/4 COR. SEC. 35, T.16 N., R.5 W

PI = 29+00  
Δ = 13°-55'  
D = 2°-15'  
T = 310.8'  
L = 618.5'  
R = 2,546.7'

PI = 24+00  
Δ = 14°-47'  
D = 4°-00'  
T = 185.9'  
L = 369.6'  
R = 1,432.5'

STA. 33+00 END OF RELOCATION  
ORDER PROJECT T0122(2)

STA. 12+64 BEGIN RELOCATION  
ORDER PROJECT T0122(2)



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

SCHEDULE OF LANDS AND INTERESTS REQUIRED			
PAR.	OWNER	ACRES	INTEREST REQUIRED
1	DIEDRICH F. SCHROEDER	1.29	HIGHWAY EASEMENT
2	ALVIN ANDERSON	0.33	
3	DIEDRICH F. SCHROEDER		TEMPORARY DETOUR

STATE HIGHWAY COMMISSION OF WISCONSIN  
**PLAT OF RIGHT OF WAY REQUIRED**  
**PROJECT T 0122(2)**  
 S.T.H. 33 — BANGOR ROAD  
 S.T.H. NO. 162 LA CROSSE COUNTY

SCALE  
 0 50 100 200 FT.  
 LENGTH = 0.384 MILES  
 DATED MARCH 7, 1964

N 105° 10.55' W



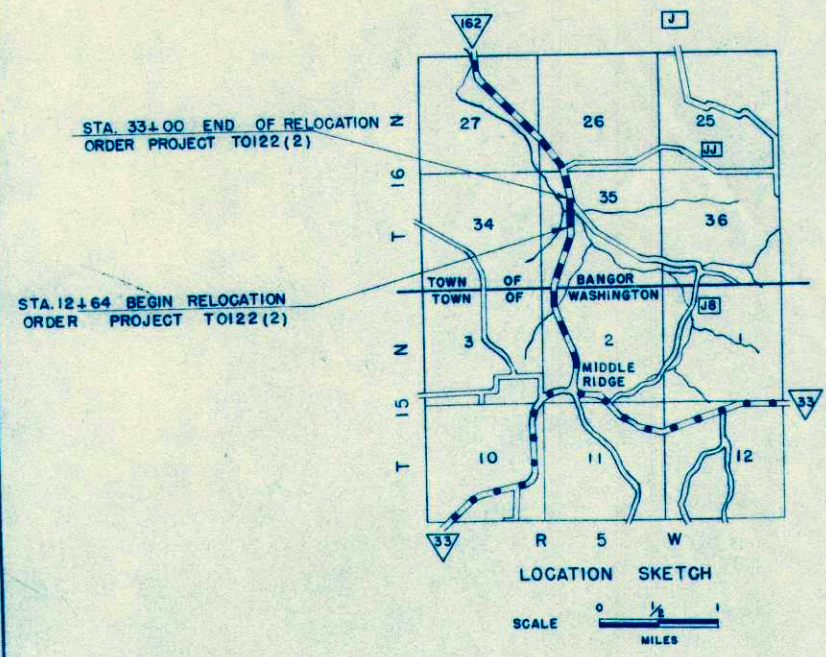
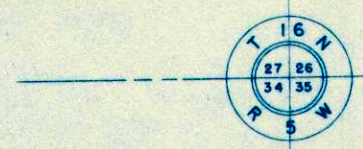
COUNTY AND HIGHWAY	ROUTE AND SECTION	CLASS AND AGREEMENT		FEDERAL DIVISION OFFICE	SHEET NUMBER	TOTAL SHEETS
		STATE	FEDERAL			
32.2	122.0	21.2		WIS. 5N	4	

1970 FT. NORTH, 980 FT. EAST OF  
W 1/4 COR. SEC. 35, T.16 N, R.5 W

STA 33+00 END OF RELOCATION  
ORDER PROJECT T0122(2)

P.I. = 29+00  
Δ = 13°-55'  
D = 2'-15"  
T = 310.8'  
L = 618.5'  
R = 2,546.7'

P.I. = 24+00  
Δ = 14°-47'  
D = 4'-00"  
T = 185.9'  
L = 369.6'  
R = 1,432.5'



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

PAR.	OWNER	ACRES	INTEREST REQUIRED
1	DIEDRICH F. SCHROEDER	1.25	HIGHWAY EASEMENT
2	ALVIN ANDERSON	0.33	"
3	DIEDRICH F. SCHROEDER		TEMPORARY DETOUR

W 1/4 COR. SEC. 35 T.16 N. R.5 W.

P.L. 12+64

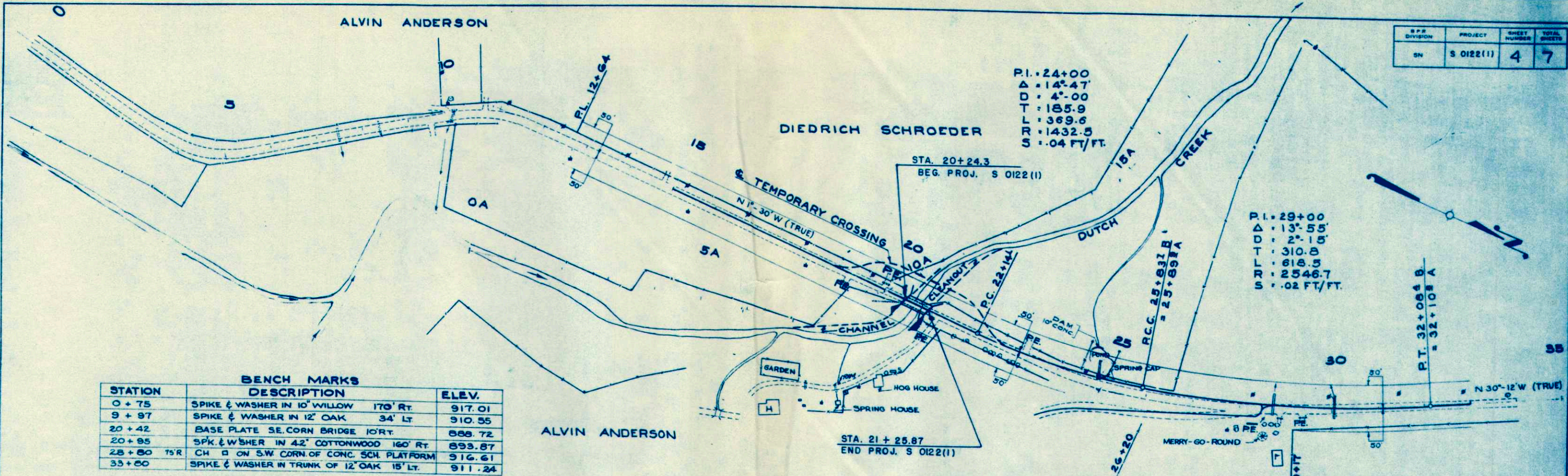
1298 FT.

STATE HIGHWAY COMMISSION OF WISCONSIN  
 PLAT OF RIGHT OF WAY REQUIRED  
 PROJECT T 0122(2)  
 S.T.H. 33 — BANGOR ROAD  
 S.T.H. NO. 162 LA CROSSE COUNTY

SCALE 0 50 100 200 FT.  
 LENGTH = 0.384 MILES  
 DATED MARCH 7, 1958



S.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
SN	S 0122(1)	4	7



**BENCH MARKS**

STATION	DESCRIPTION	ELEV.
0 + 75	SPIKE & WASHER IN 10' WILLOW 170' RT.	917.01
9 + 97	SPIKE & WASHER IN 12' OAK 34' LT.	910.55
20 + 42	BASE PLATE SE. CORN BRIDGE 10' RT.	888.72
20 + 95	SPK. & WASHER IN 42' COTTONWOOD 160' RT.	893.87
28 + 80 75'R	CH □ ON S.W. CORN. OF CONC. SCH. PLATFORM	916.61
33 + 80	SPIKE & WASHER IN TRUNK OF 12' OAK 15' LT.	911.24

NET LENGTH OF CENTERLINE STA. 20+24.3 TO 21+25.87 = 101.74 FT.

C	= 2639 C.Y.	189 C.Y. RDWY	
BORROW	= 4505 C.Y.	2510 C.Y. CHAN. CLEAN OUT	
SGF	= 1083 C.Y.		
F	= 5763 C.Y.	@ 25% SHG.	
BALLAST	= 866 C.Y.	@ 25% SHG.	

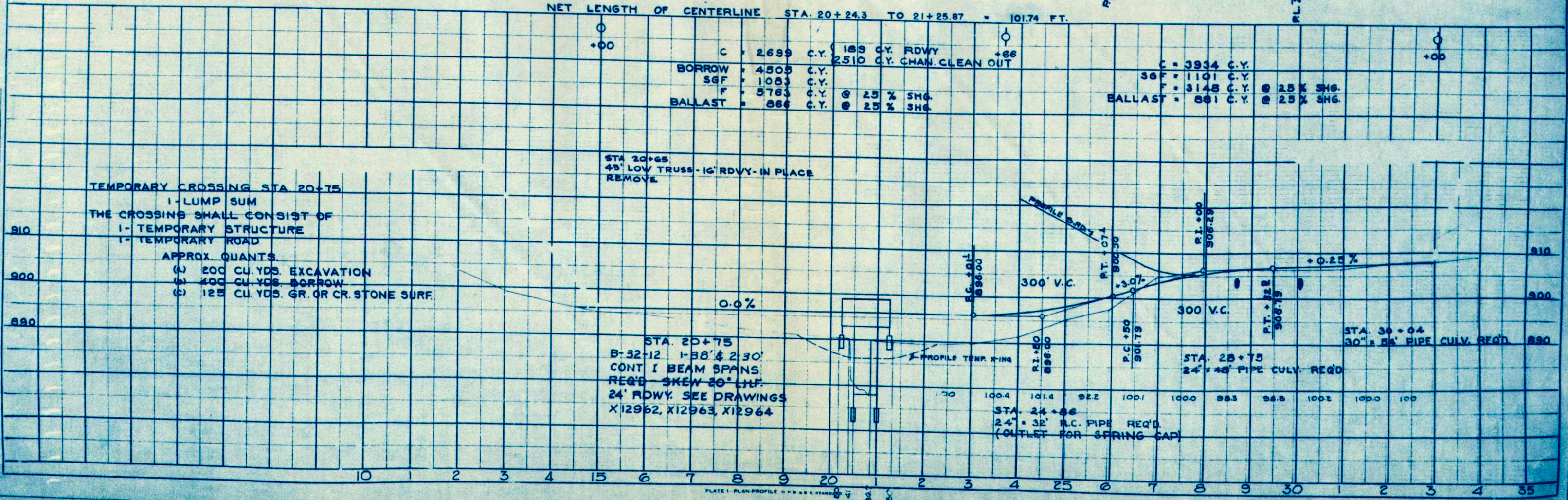
  

C	= 3934 C.Y.		
SGF	= 1101 C.Y.		
F	= 3148 C.Y.	@ 25% SHG.	
BALLAST	= 861 C.Y.	@ 25% SHG.	

**TEMPORARY CROSSING STA 20+75**  
 1- LUMP SUM  
 THE CROSSING SHALL CONSIST OF  
 1- TEMPORARY STRUCTURE  
 1- TEMPORARY ROAD  
 APPROX. QUANTS.  
 (A) 200 CU. YDS. EXCAVATION  
 (B) 400 CU. YDS. BORROW  
 (C) 125 CU. YDS. GR. OR CR. STONE SURF.

STA 20+65  
 48' LOW TRUSS - 16' RDWY - IN PLACE  
 REMOVE

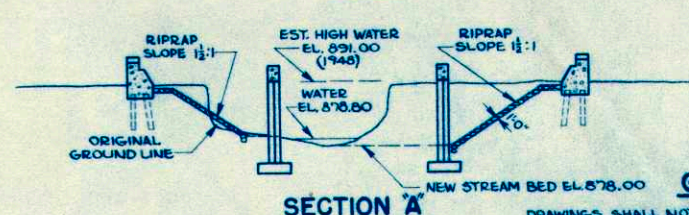
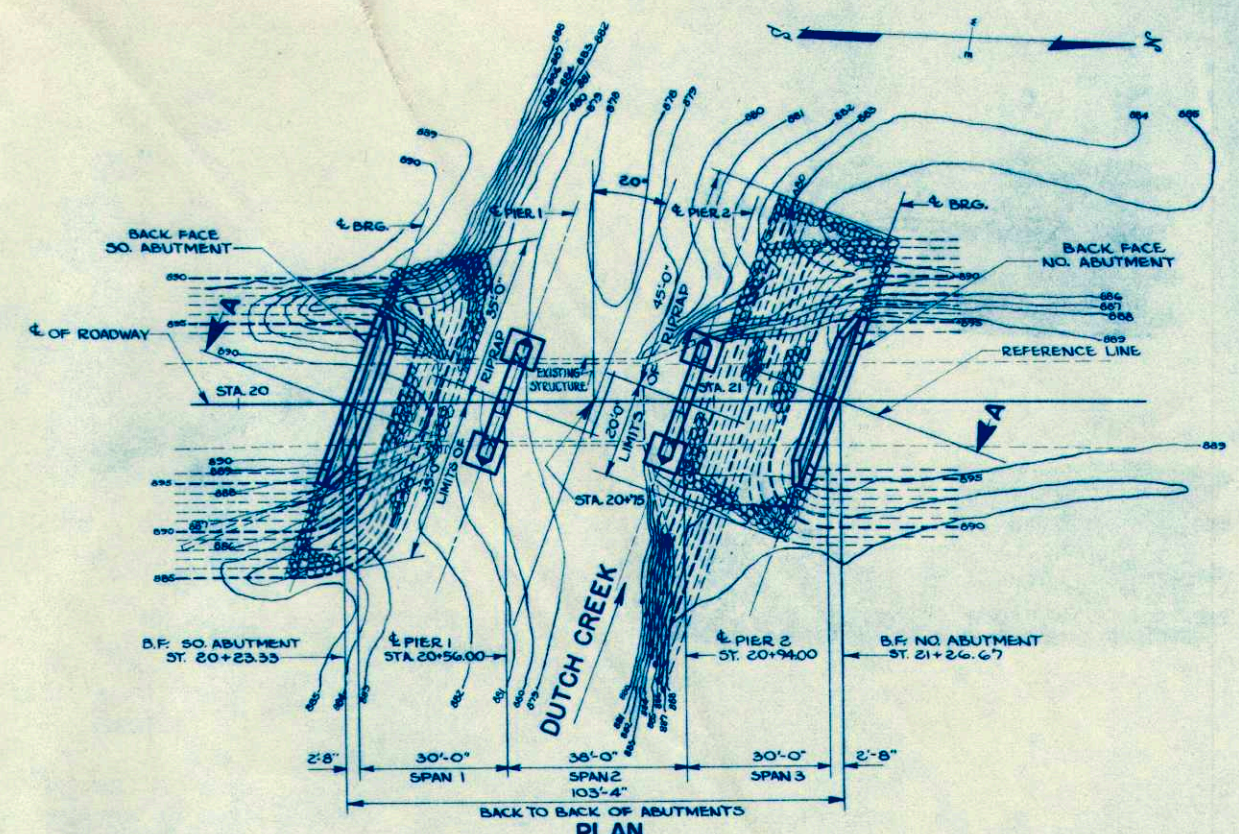
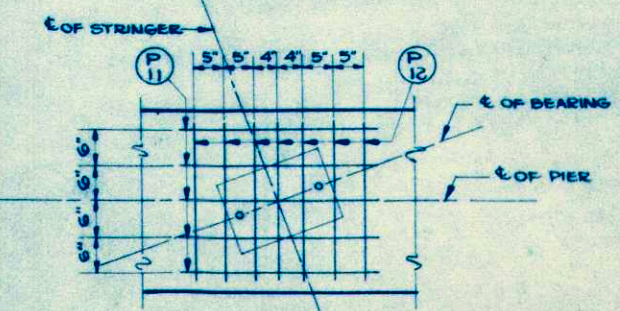
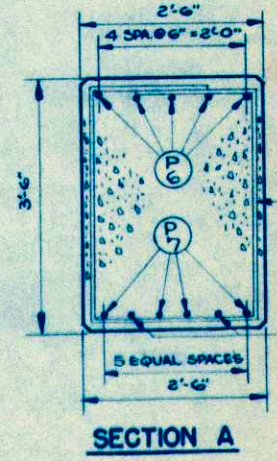
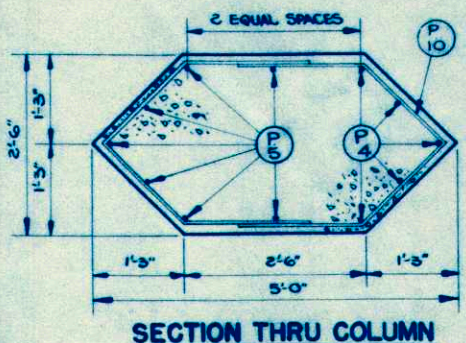
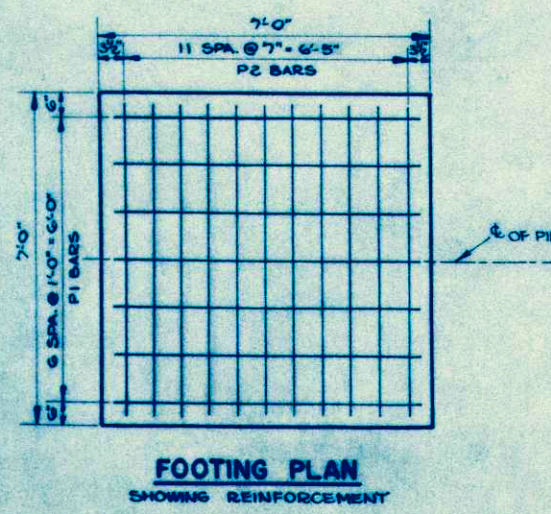
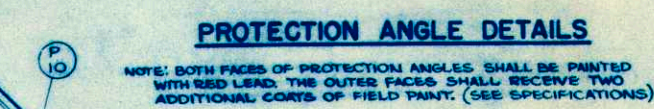
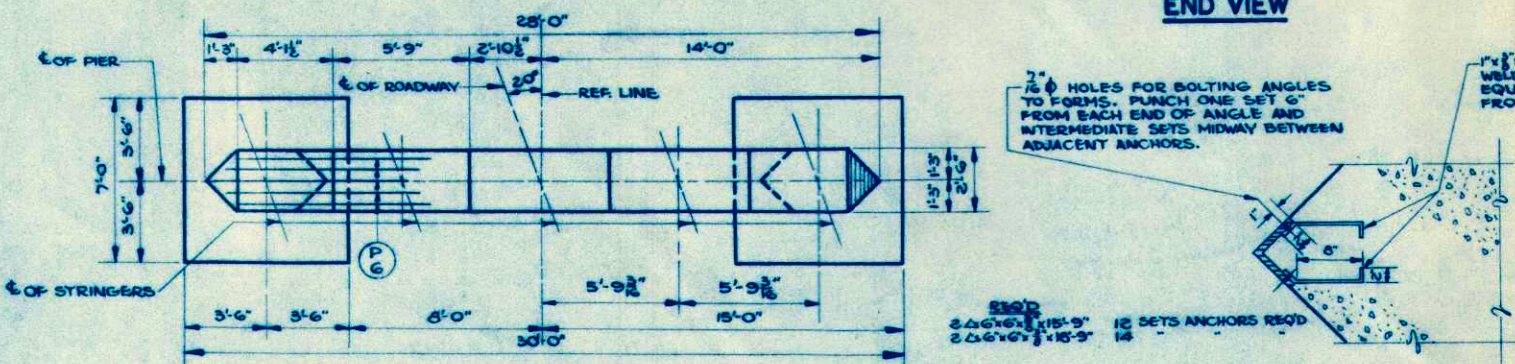
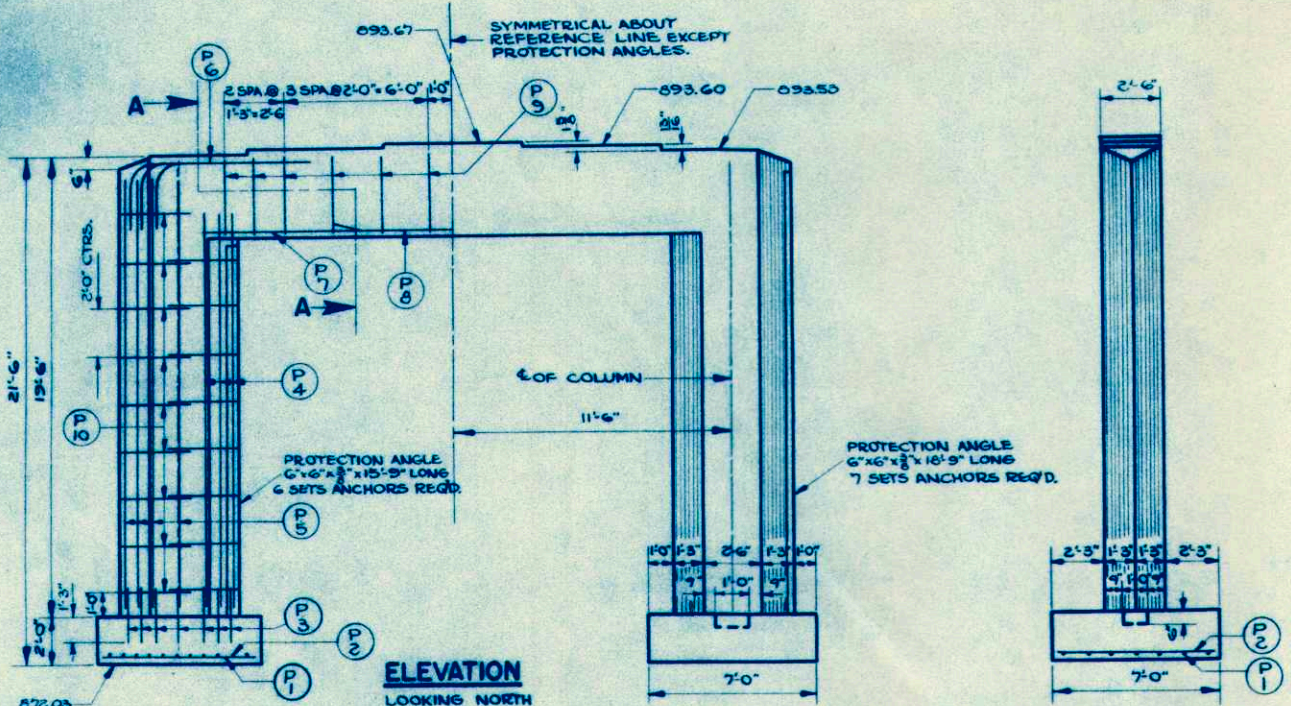
STA. 20+75  
 B-32-12 1-38' & 2-30'  
 CONT I BEAM SPANS  
 REQ'D SKEW 20° LHF.  
 24' RDWY. SEE DRAWINGS  
 X12962, X12963, X12964



PLAN  
 DATE 1/28/88  
 DRAWN BY LAC/AVT  
 CHECKED BY LAC/AVT  
 APPROVED BY LAC/AVT

PROFILE  
 DATE 1/28/88  
 DRAWN BY LAC/AVT  
 CHECKED BY LAC/AVT  
 APPROVED BY LAC/AVT





**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.  
BAR STEEL REINFORCEMENT IN FLOOR SHALL BE CUT OFF AT FLOOR DRAINS.  
ALL RIVETS SHALL BE 3/8" UNLESS OTHERWISE SPECIFIED.  
ALL FIELD CONNECTIONS IN STRINGERS, SPLICES AND RAILING POST CONNECTIONS TO CHANNEL BRACKETS SHALL BE RIVETS OR TURNED BOLTS. OTHER FIELD CONNECTIONS SHALL BE MADE WITH RIVETS OR RIBBED TIGHT FIT BOLTS IN FULL SIZED PUNCHED HOLES.  
PILES FOR ABUTMENTS SHALL BE TREATED TIMBER PILES 25'-0" LONG AND DRIVEN TO A MINIMUM BEARING VALUE OF 15 TONS PER PILE.  
THE TOP AND SLOPE OF THE FILL IN FRONT OF ABUTMENTS SHALL BE RIPRAPPED AS SHOWN IN SECTION "A" ON DRAWING X12964 AND TO THE EXTENT SHOWN IN "PLAN" ON THIS DRAWING.  
BOLT FLOOR DRAIN GRATES TO FRAMES FOR SHIPMENT.  
ALL END RAILING POST BRACKET CHANNELS AT ABUTMENTS SHALL BE PLACED ON THAT SIDE OF POST TOWARDS C/ OF SPAN TO FACILITATE THE DRILLING OF FIELD HOLES IN POST.

**TOTAL ESTIMATED QUANTITIES**

BID ITEMS	UNIT	SUPER-STRUCTURE	SOUTH ABUTMENT	PIER 1	PIER 2	NORTH ABUTMENT	TOTAL
EXCAVATION FOR STRUCTURES	C.Y.		20	65	105	20	230
CONCRETE MASONRY	C.Y.	68.9	41	27.2	27.2	41	205.3
BAR STEEL REINFORCEMENT	L.B.	19,440	1,020	1,930	1,930	1,020	25,340
STRUCTURAL CARBON STEEL	L.B.	44,300		550	550		49,400
SHEET LEAD	L.B.	260					260
SHEET ZINC	L.B.	90					90
UNTREATED TIMBER TEST PILING (2@40'-0")	LUMP SUM						1
TREATED TIMBER PILING-DELIVERED	L.F.		275			275	550
TREATED TIMBER PILING-DRIVEN	L.F.		275			275	550
FLOOR DRAINS	EACH	4					4
RIPRAP	C.Y.		75			75	150
REMOVING OLD BRIDGE	LUMP SUM						1
<b>NON-BID ITEMS</b>							
EXPANSION JOINT FILLER	SIZE	1"					(1")

\* DRIVE ONE TEST PILE AT LOCATION OF EACH ABUTMENT.

**LIST OF DRAWINGS**

- LAYOUT AND PIERS X 12965
- SUPERSTRUCTURE X 12963
- ABUTMENTS AND BILL OF BARS X 12964

STATE HIGHWAY COMMISSION OF WISCONSIN

**LAYOUT AND PIERS**

CO. LA CROSSE      TOWNSHIP BANGOR      STA. 20+78.00

SECTION 35      TOWN 15 N      RANGE 5 W

DATE 7-11-51      DRAWN E.T.H.      C.E. 716      SPEC. 1081      LOAD # 18

CORRECTED: *G. J. R. J.*      BRIDGE ENGINEER

APPROVED: *B. G. Ruttin*      STATE HIGHWAY ENGINEER

STRUCTURE B-32-12      SHEET 1 OF 3



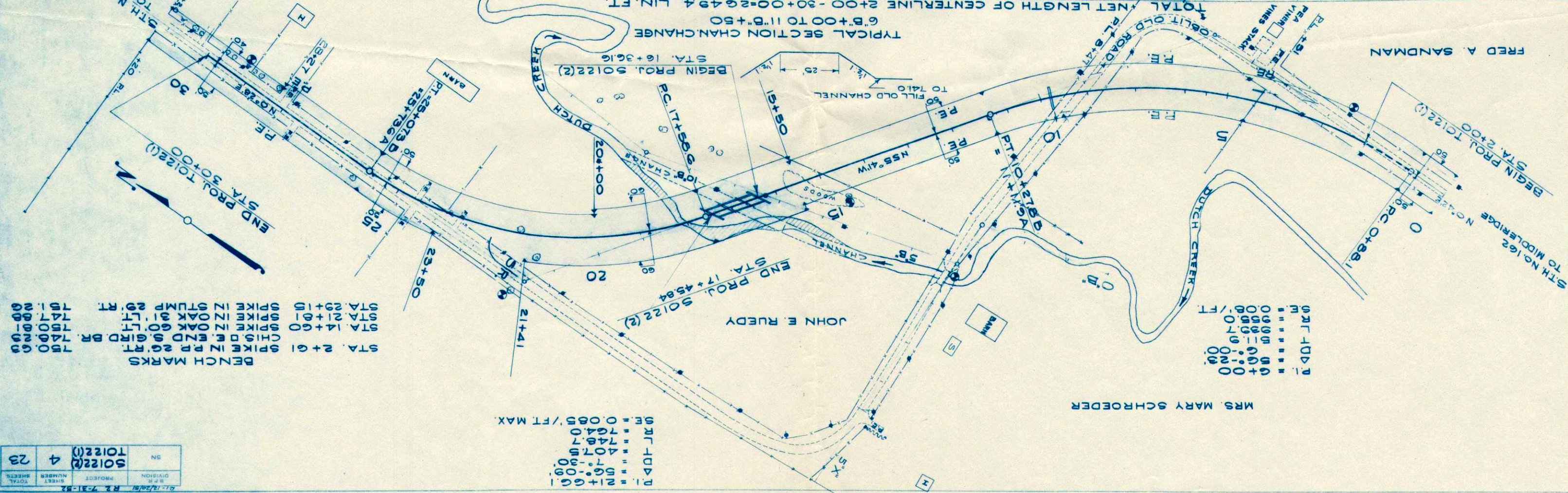








0	46.98	103.5	480	58.5	46.3	46.4	48.2	58.3	19.5	49.98
1	47.48	101.4	470	57.5	45.3	45.4	47.2	57.3	18.5	49.98
2	48.49	100.5	460	56.5	44.3	44.4	46.2	56.3	17.5	49.98
3	49.01	100.0	450	55.5	43.3	43.4	45.2	55.3	16.5	49.98
4	49.25	100.0	440	54.5	42.3	42.4	44.2	54.3	15.5	49.98
5	49.51	100.0	430	53.5	41.3	41.4	43.2	53.3	14.5	49.98
6	49.68	100.0	420	52.5	40.3	40.4	42.2	52.3	13.5	49.98
7	49.81	100.0	410	51.5	39.3	39.4	41.2	51.3	12.5	49.98
8	49.92	100.0	400	50.5	38.3	38.4	40.2	50.3	11.5	49.98
9	50.00	100.0	390	49.5	37.3	37.4	39.2	49.3	10.5	49.98
10	50.00	100.0	380	48.5	36.3	36.4	38.2	48.3	9.5	49.98
11	50.00	100.0	370	47.5	35.3	35.4	37.2	47.3	8.5	49.98
12	50.00	100.0	360	46.5	34.3	34.4	36.2	46.3	7.5	49.98
13	50.00	100.0	350	45.5	33.3	33.4	35.2	45.3	6.5	49.98
14	50.00	100.0	340	44.5	32.3	32.4	34.2	44.3	5.5	49.98
15	50.00	100.0	330	43.5	31.3	31.4	33.2	43.3	4.5	49.98
16	50.00	100.0	320	42.5	30.3	30.4	32.2	42.3	3.5	49.98
17	50.00	100.0	310	41.5	29.3	29.4	31.2	41.3	2.5	49.98
18	50.00	100.0	300	40.5	28.3	28.4	30.2	40.3	1.5	49.98
19	49.70	100.0	290	39.5	27.3	27.4	29.2	39.3	0.5	49.98
20	49.37	100.0	280	38.5	26.3	26.4	28.2	38.3	0.0	49.98
21	48.75	100.0	270	37.5	25.3	25.4	27.2	37.3	0.0	49.98
22	48.33	100.0	260	36.5	24.3	24.4	26.2	36.3	0.0	49.98
23	47.83	100.0	250	35.5	23.3	23.4	25.2	35.3	0.0	49.98
24	47.78	100.0	240	34.5	22.3	22.4	24.2	34.3	0.0	49.98
25	47.84	100.0	230	33.5	21.3	21.4	23.2	33.3	0.0	49.98
26	48.05	100.0	220	32.5	20.3	20.4	22.2	32.3	0.0	49.98
27	48.20	100.0	210	31.5	19.3	19.4	21.2	31.3	0.0	49.98
28	48.37	100.0	200	30.5	18.3	18.4	20.2	30.3	0.0	49.98
29	48.51	100.0	190	29.5	17.3	17.4	19.2	29.3	0.0	49.98
30	48.60	100.0	180	28.5	16.3	16.4	18.2	28.3	0.0	49.98
31	48.60	100.0	170	27.5	15.3	15.4	17.2	27.3	0.0	49.98



SN	SO122(2)	4	23
PROJECT	TO122(1)		
SHEET NUMBER			
TOTAL SHEETS			



# ESTIMATE OF QUANTITIES

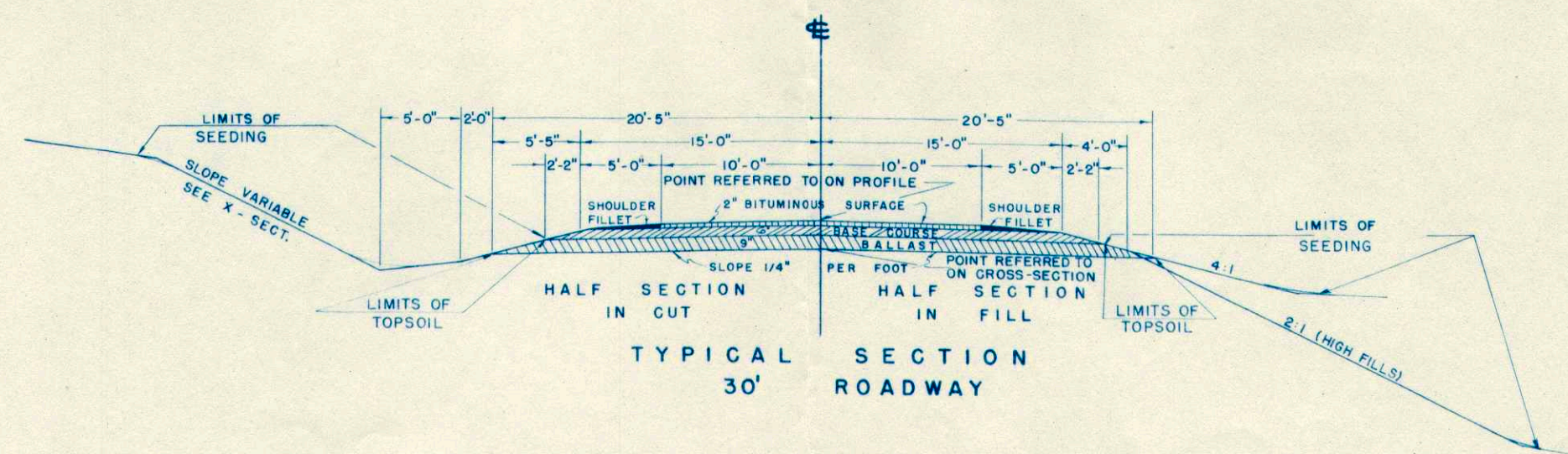
CONTRACT NO. 182

R-4 7-31-52 R-3 6-23-52	R-1 9/5/51	R-2 12/20/51
PROJECT	SHEET NO.	TOTAL SHEETS
TO 122(1)	2	23

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, AND SPECIAL PROVISIONS AS ATTACHED TO PROPOSALS.

STATION TO STATION	NET LENGTH OF CENTER LINE	CLEARING	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 R/W	APPLY BIT. MAT'L FOR SURF. CRSE	MANIPULATION	STATE FURNISH'D BIT. MAT. FOR SURFACE COURSE	CALCIUM CHLORIDE SURFACE TREATMENT	TOP-SOIL	SALVAGED	FERTILIZER	SEEDING	
				UNCLASSIFIED EXCAVATION	BORROW	REMOVE OLD BRIDGE STA.					18"	24"																	
ITEM NO.		2101-1	2101-4	2106-5	2109-1	2104-21	2110-1	2114-1	2116-1	2203-1	2411-11	2411-12			2512-1	2523	2523	2523-3	2523-4			S.P.	S.P.	2513-3	2525-1	2528-1		2532-1	
UNIT	LIN. FT.	STA.	STA.	C.Y.	C.Y.	LUMPSUM	C.Y.	STA.	STA.	C.Y.	C.Y.	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	C.Y.	LIN. FT.	EACH	EACH			GAL.	MILE	GAL.	TON	SQ. YD.	SQ. YD.	CWT.	SQ. YD.
2+00 - 30+00	2539.72	4	4	9346	1200		3300	26.5	5.5	2630	26	50						6	26			8200	0.481		4.8	1500		12,000	
<b>TOTALS</b>	<b>2539.72</b>	<b>4</b>	<b>4</b>	<b>9346</b>	<b>1200</b>		<b>3300</b>	<b>26.5</b>	<b>5.5</b>	<b>2630</b>	<b>26</b>	<b>50</b>						<b>6</b>	<b>26</b>			<b>8200</b>	<b>0.481</b>		<b>4.8</b>	<b>1500</b>		<b>12,000</b>	

CLEARING			GRUBBING			OBLITERATE OLD ROAD			GRAVEL OR CRUSHED STONE BASE				CULVERT PIPE				GUARD FENCE				FINISHING ROADWAY							
MILE NO.	STATION TO STATION	STA'S.	MILE NO.	STATION TO STATION	STA'S.	MILE NO.	STATION TO STATION	STA'S.	MILE NO.	STATION TO STATION	LOC'N	DESCRIPTION	AMOUNT C.Y.	MILE NO.	STATION	LOC'N	18" LIN. FT.	24" LIN. FT.	MARKER POSTS	MILE NO.	STA. - STA.	SIDE	MARKER POSTS	C-C	MILE NO.	STATION	LOC'N	LENGTH STA'S.
	14+00 - 16+00	2		14+00 - 16+00	2		3+40 - 8+90	5.5		2+00 - 30+00	C	BASE	1970		4+50	PE. RT.	26		2		17+35 - 18+10	LT.	4	25		2+00 - 30+00	C	255
	22+00 - 23+00	1		22+00 - 23+00	1					2+00 - 30+00	RT.&LT.	8 P.E.'S	100		9+75	C		50								22+50	S.R.L	1.0
	25+00 - 26+00	1		25+00 - 26+00	1					2+00 - 30+00		SURFACE	560															



- STANDARD DETAIL DRAWINGS**
- OBLITERATING OLD ROAD.....1-4.1.1
  - MARKER POSTS.....7-1.1.1
  - MARKER POSTS FOR R/W.....7-1.2.2
  - CONSTRUCTION BARRICADE.....7-4.1.1

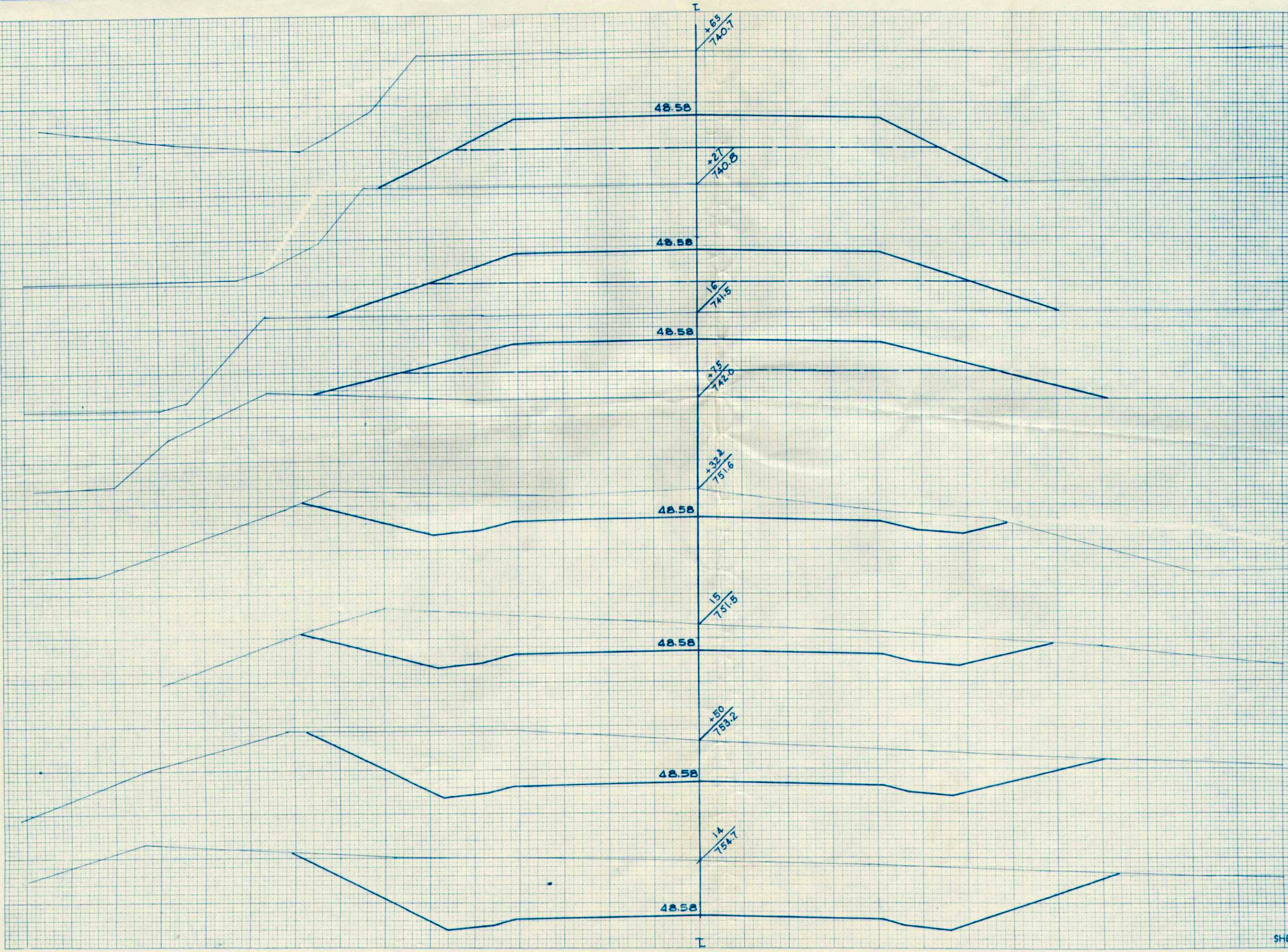






FINAL SURVEY BY DATE  
 SURVEYED PLOTTED  
 NOTE BOOK TEMPLATE  
 NO. 8763

ORIGINAL SURVEY BY DATE  
 SURVEYED PLOTTED  
 NOTE BOOK TEMPLATE  
 NO. 8763



STATION	DISTANCE	YARDAGE		
		COMMON	EXCAVATION	FILL
14				
+50		769	52	0
15		563	52	0
+32		259	33	0
+75		100	44	37
16		0	26	385
+75		0	28	26
16		0	28	415
+27		0	13	280
+39		0	13	280
SHEET TOTAL		1731	248	519