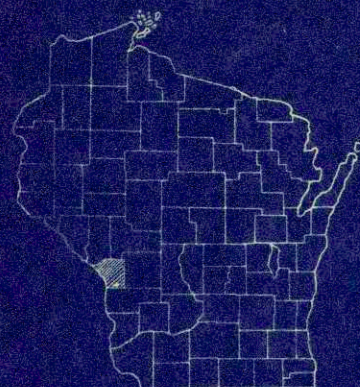


INDEX OF SHEETS

SHEET NO. 1	TITLE
SHEET NO. 2	TYPICAL CROSS SECTIONS
SHEET NO. 2	ESTIMATE OF QUANTITIES
SHEET NO. 2	MISCELLANEOUS QUANTITIES
SHEET NO. —	RIGHT OF WAY PLAT
SHEET NO. 3	PLAN AND PROFILE STA. 87+51 TO STA. 93+00
SHEET NO. 4	STANDARD DETAILS
SHEET NO. 5-10	DRAINAGE STRUCTURES
SHEET NO. 11-12	CROSS SECTIONS



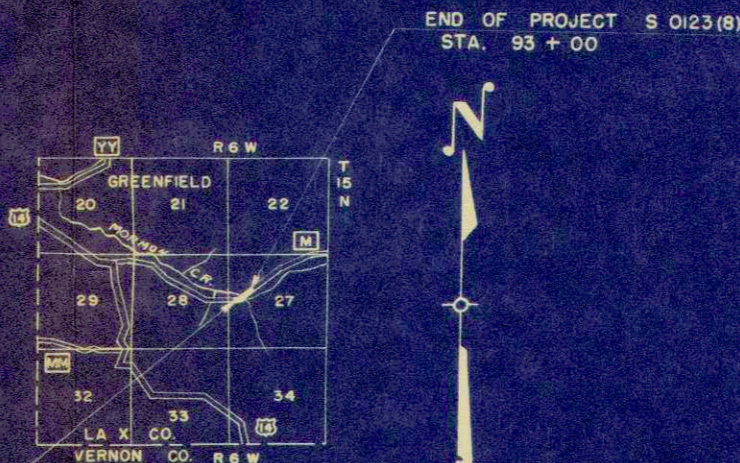
STATE OF WISCONSIN
STATE HIGHWAY COMMISSION OF WISCONSIN

PLAN AND PROFILE OF PROPOSED
U.S.H. 14- ST. JOSEPH
PROJECT S 0123(8)
LA CROSSE, COUNTY

BEGINNING AT A POINT 105 FEET NORTH AND 510 FEET EAST OF THE WEST 1/4 CORNER OF SECTION 27, T.15N., R.6W. AND EXTENDING NORTHEASTERLY TO A POINT 420 FEET NORTH AND 950 FEET EAST OF THE WEST 1/4 CORNER OF SECTION 27, T.15N., R.6W..

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.

COUNTY AND HIGHWAY	ROUTE AND SECTION	CLASS AND AGREEMENT		FEDERAL DIVISION OFFICE	SHEET NUMBER	TOTAL SHEETS
		STATE	FEDERAL			
32.6	123.0		11.8	4	1	12



BEGINNING OF PROJECT S 0123 (8)
STA. 87 + 51 = STA. 87 + 24.6 END OF PROJECT S 0123 (5)

LAYOUT

SCALE 1 MI.

TOTAL NET LENGTH OF CENTERLINE = 0.104 MI.

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	—●—
WIRE FENCE (BARBED)	---	MARSH	—●—
LOT LINE	---	HEDGE	—●—
CORPORATE OR CITY LIMITS	---	TREES	—●—
PROPERTY LINE	---	GROUND ELEVATION	DATUM LINE
TRAVELED WAY OR P.E.	---	GRADE ELEVATION	DATUM LINE
RAILROADS	---		
BASE OR SURVEY LINE	---		

APPROVED FOR Bridge No. 62

Date _____ Title _____

STATE HIGHWAY COMMISSION OF WISCONSIN MADISON, WIS.	DEPARTMENT OF COMMERCE BUREAU OF PUBLIC ROADS
SURVEYOR: W.H.T. DISTRICT ENGINEER: W.A.R. DISTRICT CHECKER: R.C.J.	NOTE BOOK: 7928 M.G. CHECKER: _____ CORRECT: _____ RECOMMENDED FOR APPROVAL: _____ DATE: 8-2-55 DISTRICT ENGINEER: _____
CORRECT: _____ RECOMMENDED FOR APPROVAL: _____ DATE: 8-8-55 ENGINEER OF DESIGN: _____	APPROVED: _____ DATE: _____ DISTRICT ENGINEER: _____
APPROVED: _____ DATE: 8/9/55 STATE HIGHWAY ENGINEER: _____	

S 0123 (8)

ESTIMATE OF QUANTITIES

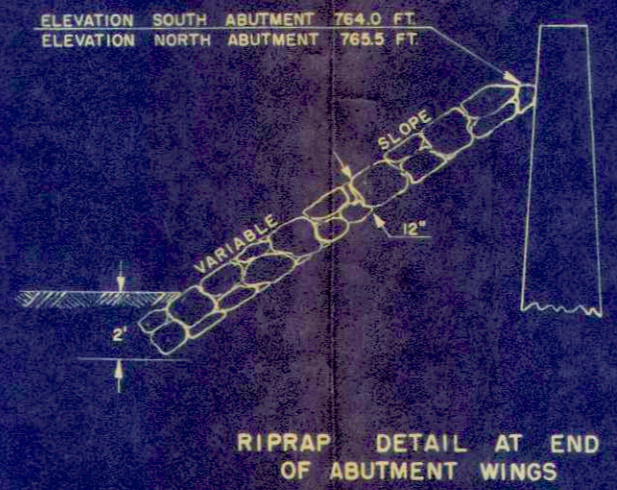
CONTRACT NO. 182

PROJECT	SHEET NUMBER	TOTAL SHEETS
S 0123(8)	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 APPROVED JANUARY 23, 1952
 FEDERAL AID REQUIRED CONTRACT PROVISIONS APPROVED JANUARY 31, 1955 AND SPECIAL PROVISIONS AS ATTACHED TO PROPOSALS.

STATION TO STATION	NET LENGTH OF CENTER LINE	CLEARING	GRUBBING	EXCAVATION		FINISH ROAD WAY	SAND GRAVEL FILL	SALVAGED SHOULDER MATERIAL	OBLITERATING OLD ROAD	GRAVEL OR CRUSHED STONE BASE COURSE		CULVERT PIPE					RIP RAP	GUARD FENCE				MARKER POSTS FOR R/W	EXCAVATION FOR STRUCTURES BRIDGES	CONCRETE MASS ONRY BRIDGES	BAR STEEL REINFORCEMENT BRIDGES	UNTR. TMBR. TEST PILING 2 @ 30'-0"	UNTR. TMBR. PILING DELIVERED	UNTR. TMBR. PILING DRIVEN	TEMPORARY CROSSING (STA.) 88+47	BITUMINOUS ROAD MIX SURFACE	BITUMINOUS MATERIAL FOR SURFACE COURSE	STEEL AND METAL FOR BRIDGE SUPER-STRUCTURE	TOPSOIL	FERTILIZER	SEEDING
				COMMON																															
87 + 51 — 93 + 00	549			1820	6.1	1860	6.1		310	90					40							1300	498.1	27180	1	2660	2660	1	1356	2000			1600		1600

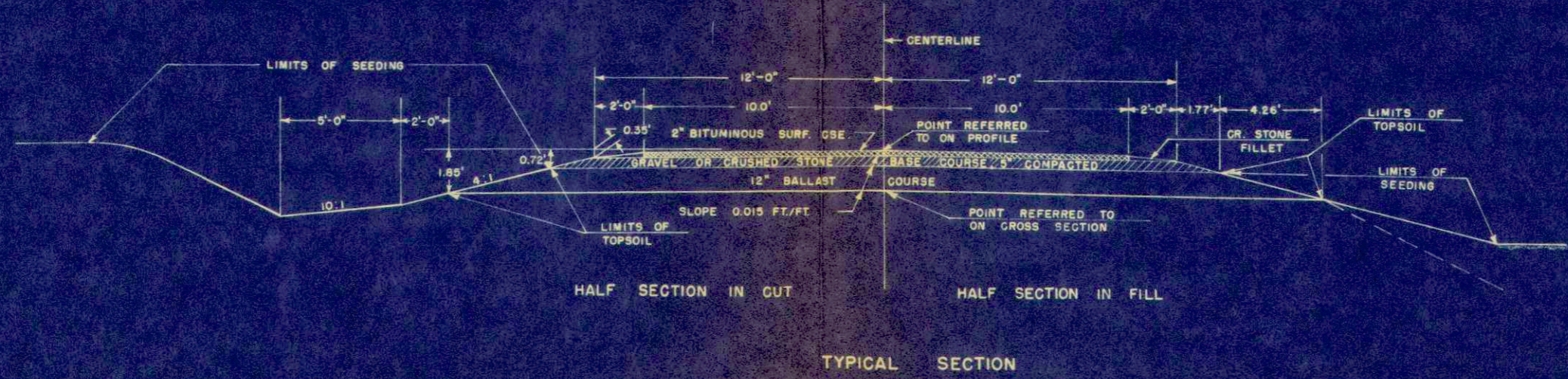
CONTRACT NO.



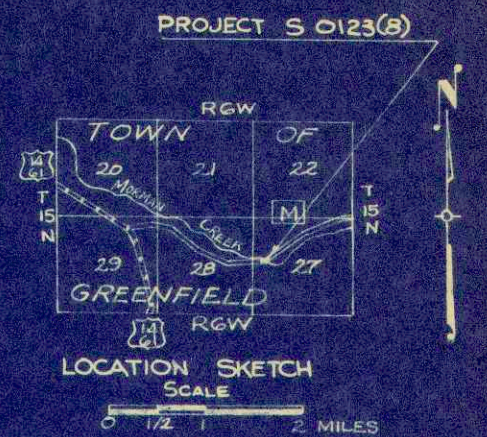
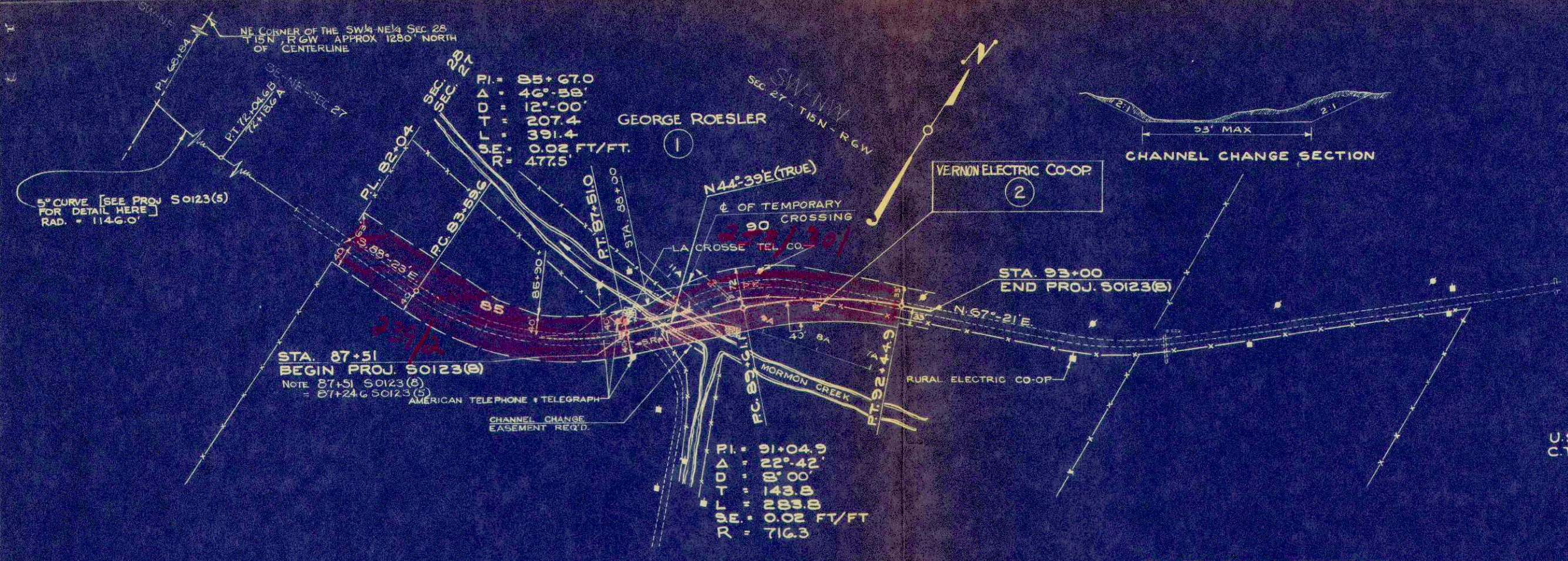
GRAVEL OR CRUSHED STONE BASE COURSE
 STA. 87 + 51 — STA. 93 + 00 = 287 C.Y. @
 STA. 87 + 80 ————— = 18 C.Y. S.R. RT.
 STA. 89 + 80 ————— = 5 C.Y. P.E. LT.

AGGREGATE FOR BITUMINOUS ROAD MIX SURFACE
 STA. 87 + 51 — STA. 93 + 00 @ 78 C.Y.
 STA. 87 + 51 — STA. 93 + 00 FILLETS 12 C.Y.

APPLICABLE STANDARD DETAIL DRAWINGS
 7-4.1.2 CONSTRUCTION BARRICADE

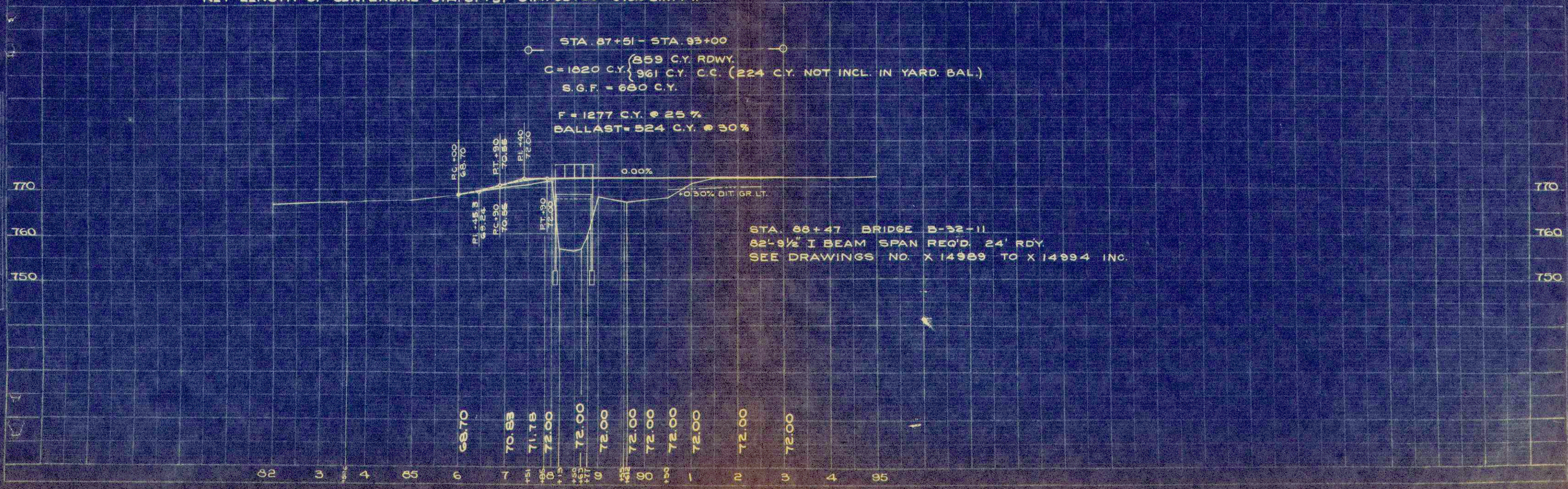


TYPICAL SECTION



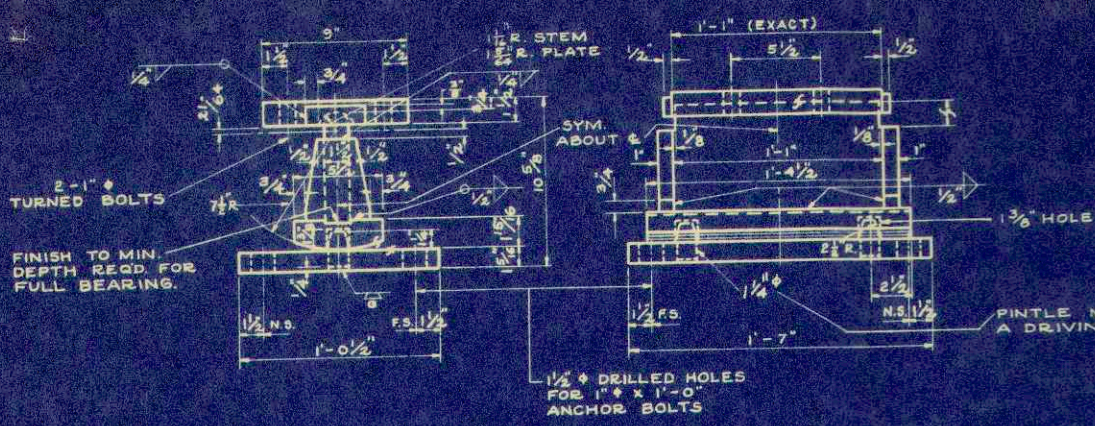
NET LENGTH OF CENTERLINE STA. 87+51 - STA. 93+00 = 549.0 LIN. FT.

STA. 87+51 - STA. 93+00
(859 C.Y. RDWY.)
C = 1020 C.Y. { 961 C.Y. C.C. (224 C.Y. NOT INCL. IN YARD. BAL.)
S.G.F. = 680 C.Y.
F = 1277 C.Y. @ 25%
BALLAST = 524 C.Y. @ 30%

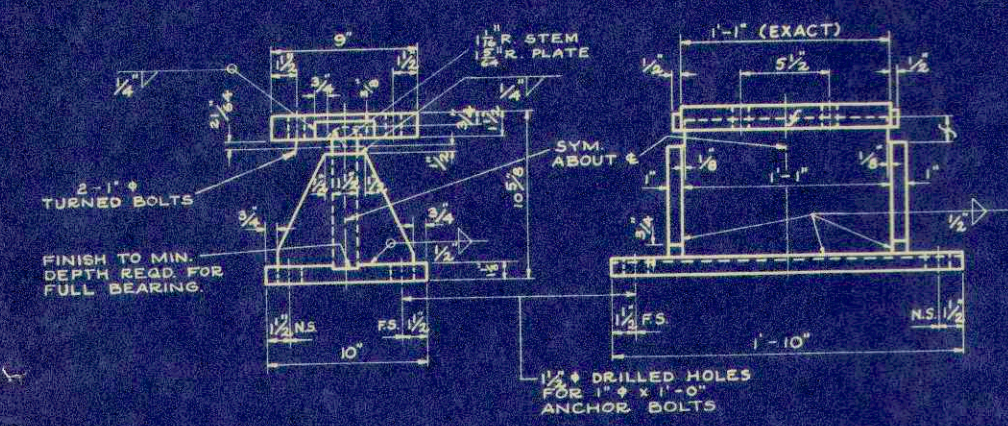


PLAN
DATE
BY
CHECKED
APPROVED
NOTED
NO.

PROFILE
DATE
BY
CHECKED
APPROVED
NOTED
NO.



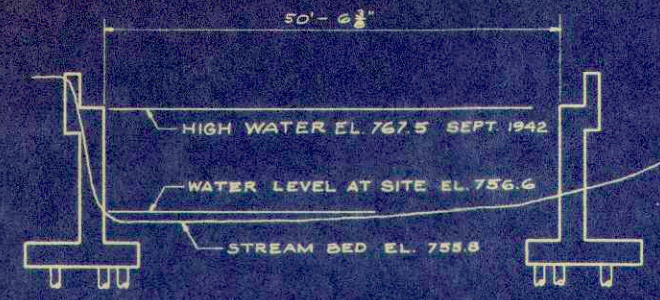
ROCKER
 PLACED AT NORTH ABUTMENT
 WEIGHT OF ONE UNIT - 252 LBS.
 4 REQ'D.



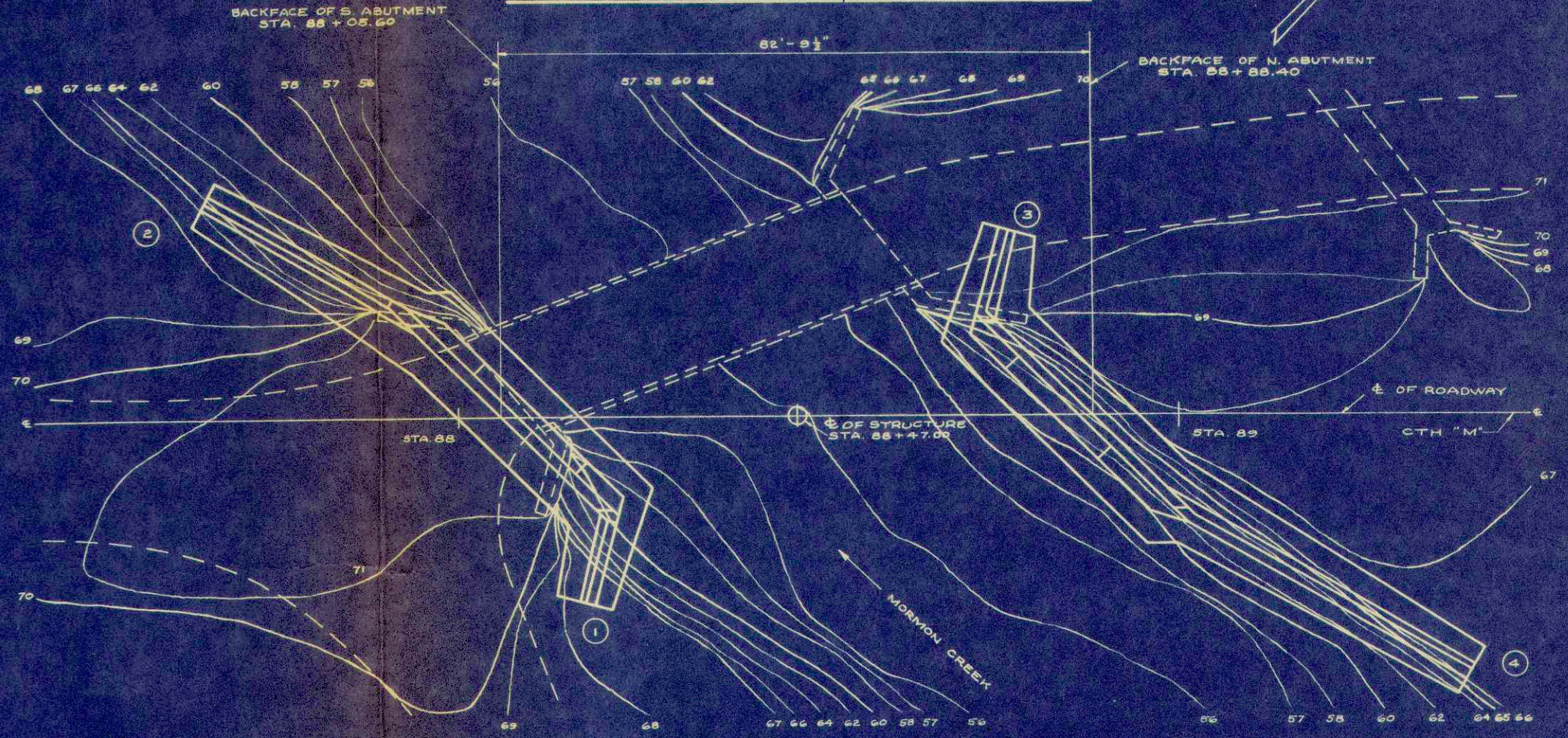
FIXED SHOE
 PLACED AT SOUTH ABUTMENT
 WEIGHT OF ONE UNIT - 207 LBS.
 4 REQ'D.

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED
 BEVEL EXPOSED EDGES OF CONCRETE 1" UNLESS OTHERWISE SPECIFIED.
 CONCRETE MASONRY SHALL BE GRADE "AA".
 BAR STEEL REINFORCEMENT SHALL BE IMBEDDED 2" CLEAR UNLESS OTHERWISE SHOWN OR NOTED.
 EXCAVATED VOLUME NOT OCCUPIED BY THE NEW ABUTMENTS SHALL BE BACK FILLED WITH SAND-GRAVEL FILL TO THE ORIGINAL GROUND LINE. PAYMENT WILL BE MADE ONLY FOR MATERIAL ACTUALLY PLACED WITHIN THE LIMITS SPECIFIED FOR "EXCAVATION FOR STRUCTURES".
 ALL STRUCTURAL 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 CUT.
 ALL SURFACES MARKED "F" SHALL BE MACHINE FINISHED.
 PAY QUANTITY FOR ALL PLATES ON BEARINGS WILL BE BASED ON ACTUAL SIZE.
 PINTLES SHALL BE MACHINED TO A DRIVING FIT.
 BOLT TOP PLATE TO I-BEAM FOR SHIPMENT.
 ANCHOR BOLTS SHALL BE THREADED 3". PROVIDE ONE 1/4" WASHER AND ONE HEX NUT PER ANCHOR BOLT.
 ALL FIELD CONNECTIONS SHALL BE 3/4" RIVETS OR 3/4" RIBBED BOLTS IN FULL SIZED PUNCHED HOLES.
 UNTREATED TIMBER PILES SHALL BE 20" LONG AND SHALL BE DRIVEN TO A MINIMUM BEARING VALUE OF 18 TONS PER PILE.
 PROVIDE 1/2" THICK SHEET LEAD UNDER EACH BEARING.
 TO BE THE SAME SIZE AS BEARING R OR MASONRY R.



SECTION AT RIGHT ANGLES TO FACE OF ABUTMENT



TOTAL ESTIMATED QUANTITIES

BID ITEMS	UNIT	SUPER STRUCTURE	SOUTH ABUTMENT	NORTH ABUTMENT	TOTAL
EXCAVATION FOR STRUCTURE	C.Y.	---	630	670	1300
SAND-GRAVEL FILL	C.Y.	---	560	620	1180
CONCRETE MASONRY	C.Y.	57.5	203.9	236.7	498.1
BAR STEEL REINFORCEMENT	LB.	10,550	7820	5810	27,180
STRUCTURAL CARBON STEEL	LB.	64,670	---	---	64,670
SHEET LEAD	LB.	102	---	---	102
SHEET ZINC	LB.	133	---	---	133
UNTR. TMBR. TEST PILING (2@30'-0")	LUMP SUM	---	---	---	1
UNTR. TMBR. PILING DELIVERED	L.F.	---	1260	1400	2,660
UNTR. TMBR. PILING DRIVEN	L.F.	---	1260	1400	2,660
FLOOR DRAINS	EACH	2	---	---	2
NON-BID ITEMS					
EXPANSION JOINT FILLER	SIZE	1"	---	---	1"
4" TILE DRAINS	L.F.	---	21	24	45

LIST OF DRAWINGS

1. LAYOUT & BEARINGS	X 14989
2. SUPERSTRUCTURE	X 14990
3. SOUTH ABUTMENT	X 14991
4. NORTH ABUTMENT	X 14992
5. ABUTMENT DETAILS	X 14993
6. BILL OF BARS	X 14994

* THE DESIGN OF THIS STRUCTURE IS IN ACCORDANCE WITH THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, A.A.S.H.O EDITION OF 1953.

STATE HIGHWAY COMMISSION OF WISCONSIN

LAYOUT & BEARINGS

FOR LA CROSSE GREENFIELD STA. 86+47.00

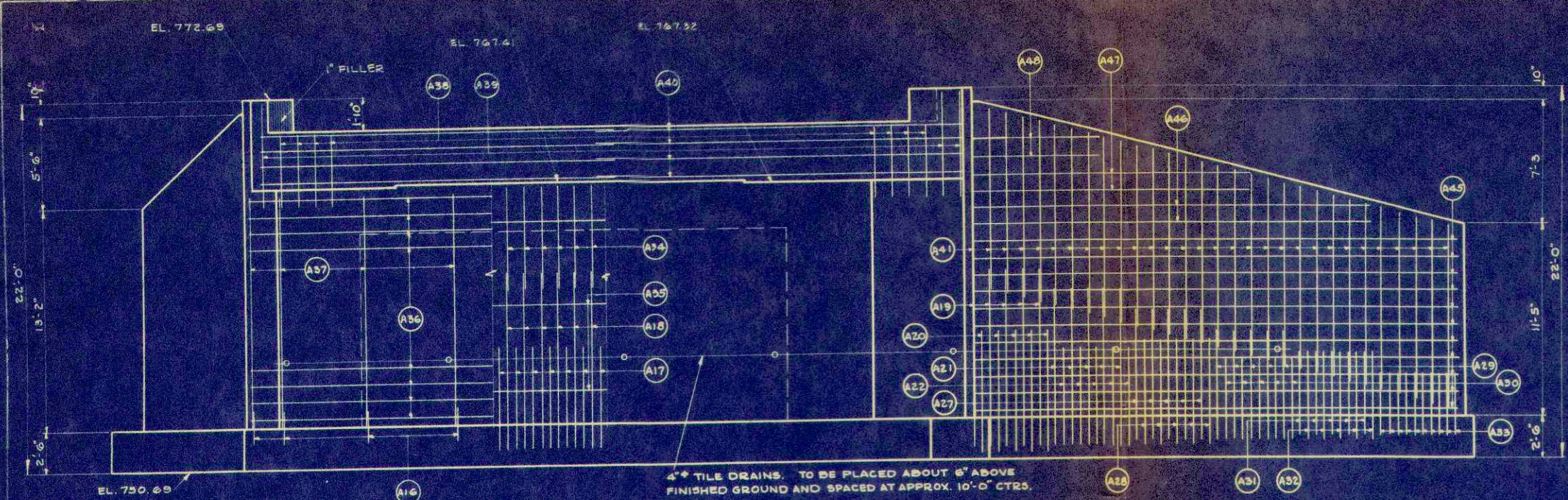
SECTION 27 TOWN 15 N RANGE 6 W

DATE 6-20-55 UNWR. WL. CAR. L.W.P. SPEC. 1951 LOAD H15

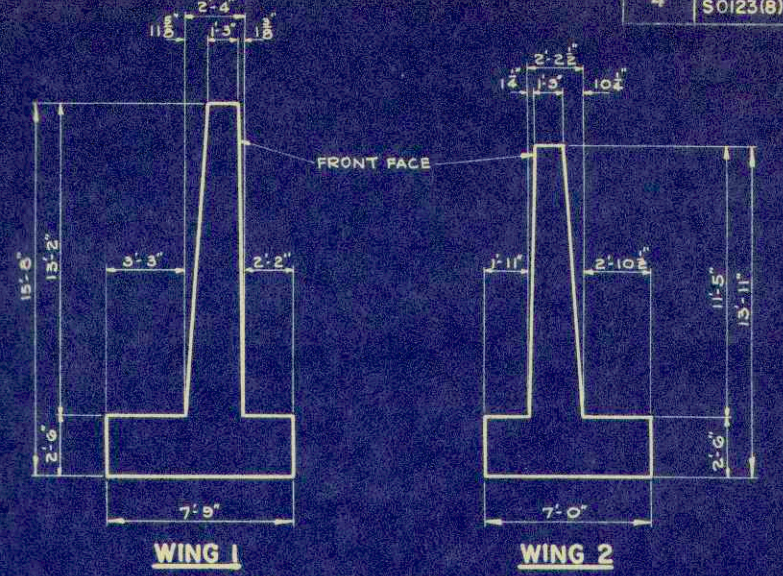
CORRECTED: *H.B. Schultz*

APPROVED: *C.S. Rostrom*

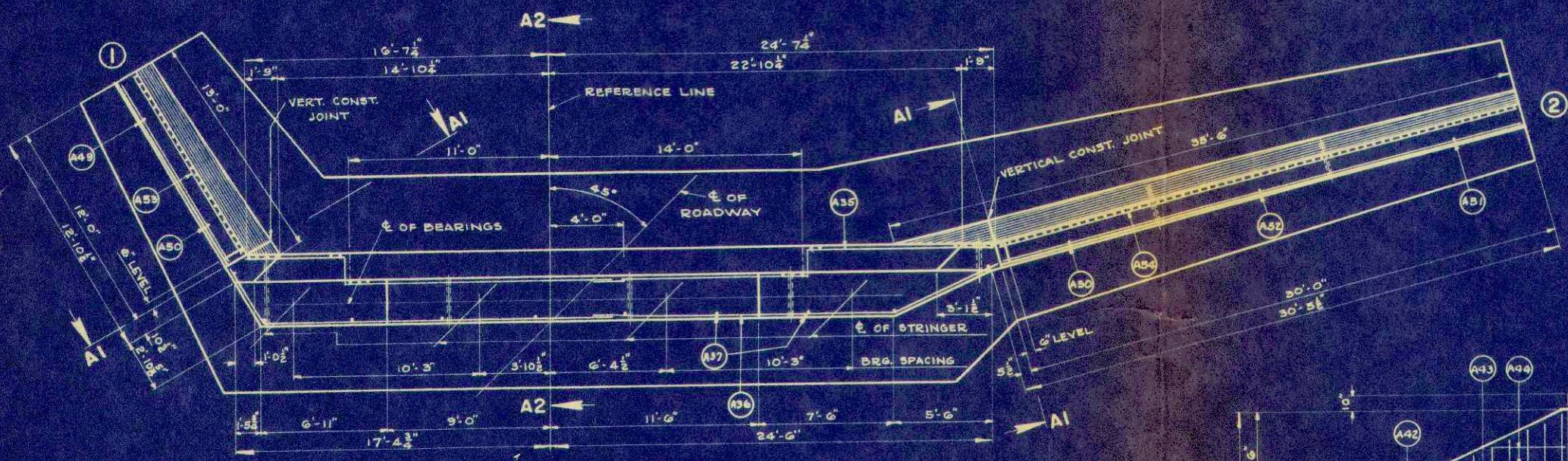
STRUCTURE B-32-11 SHEET 1 OF 6



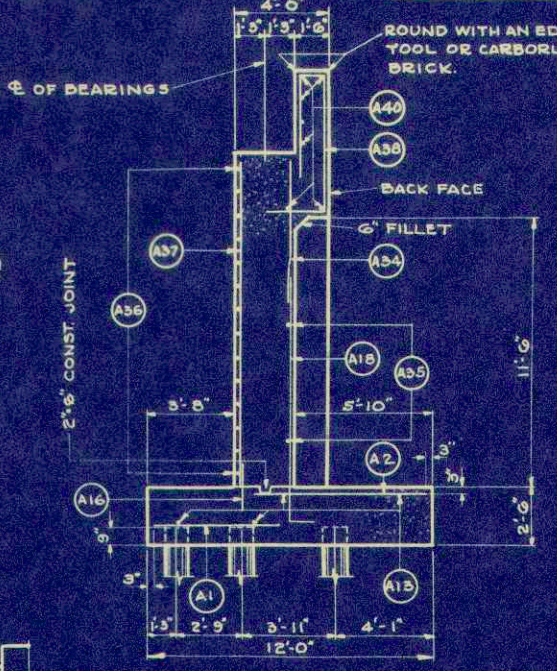
FRONT ELEVATION



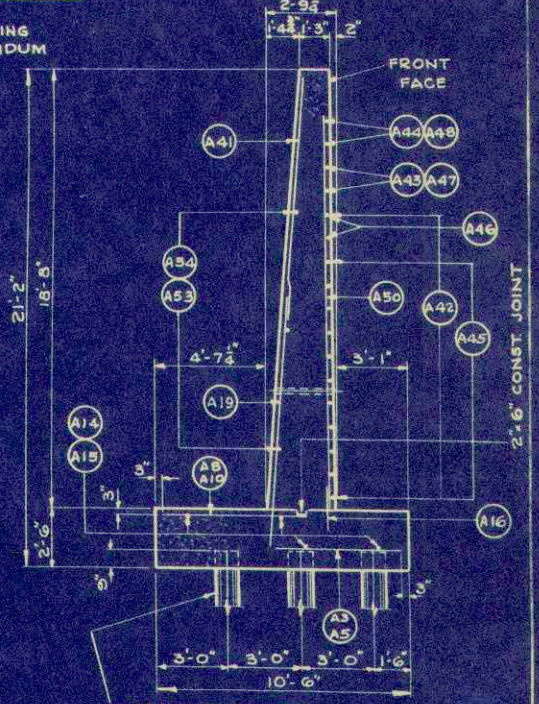
END VIEW OF WINGS



PLAN



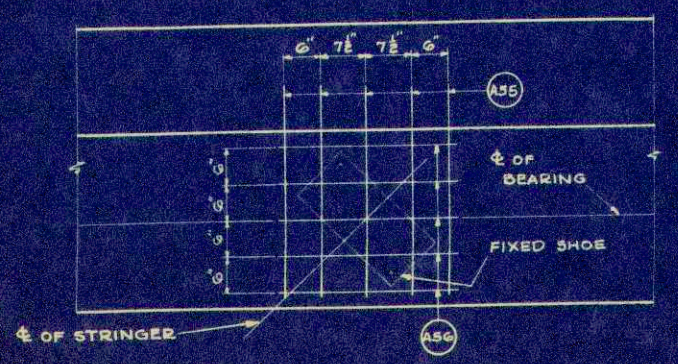
SECTION A2



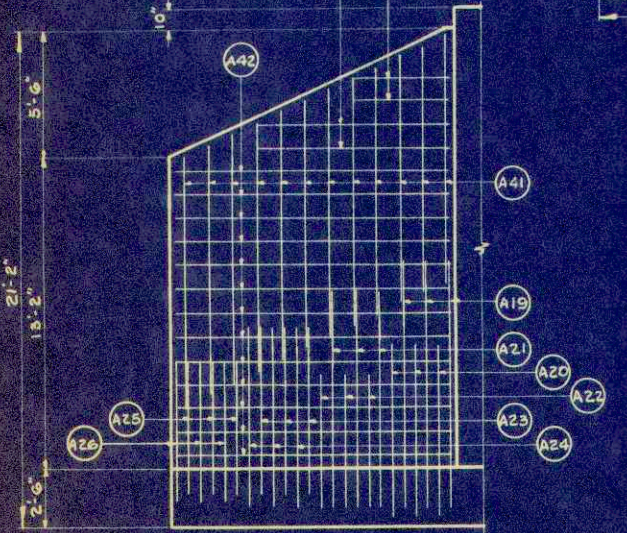
SECTION A1

IMBED VERTICAL STEEL INTO FOOTINGS AS FOLLOWS:
 1'-0" = A16
 1'-2" = A25, A26, A31 & A33
 1'-6" = A20, A27, A29, A30 & A32
 1'-9" = A19, A21, A22, A24 & A28
 2'-1" = A20
 FOR A17 & A18, SEE DETAILS ON X14994.

NOTE:
 FOR ADDITIONAL DETAILS OF THE 'SOUTH ABUTMENT', SEE X14993.
 FOR 'VERTICAL CONSTRUCTION JOINT', SEE X14992.

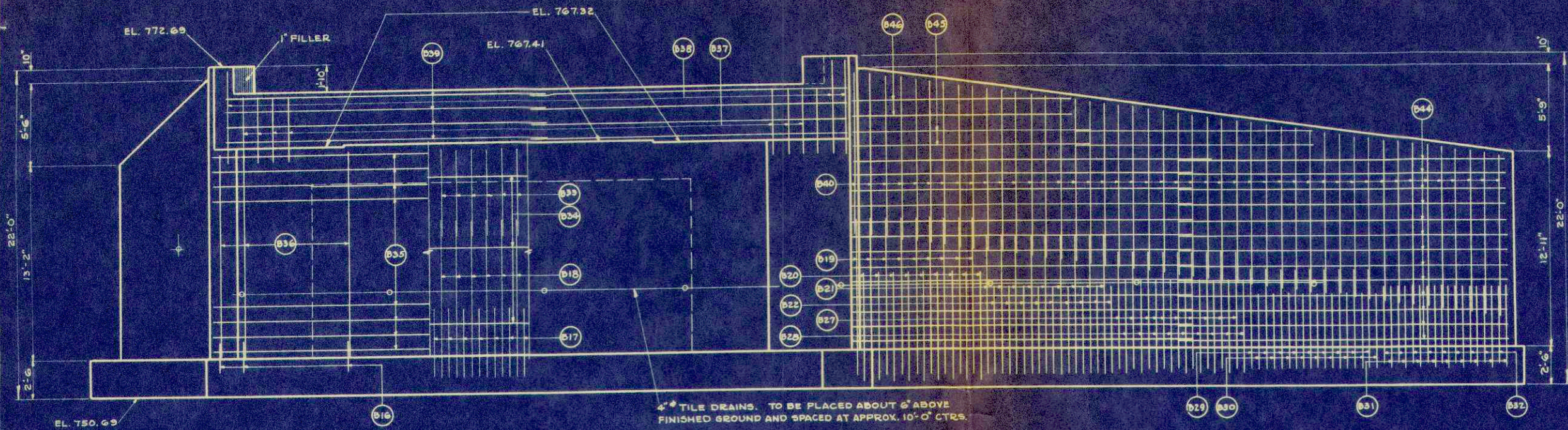


GRID DETAILS

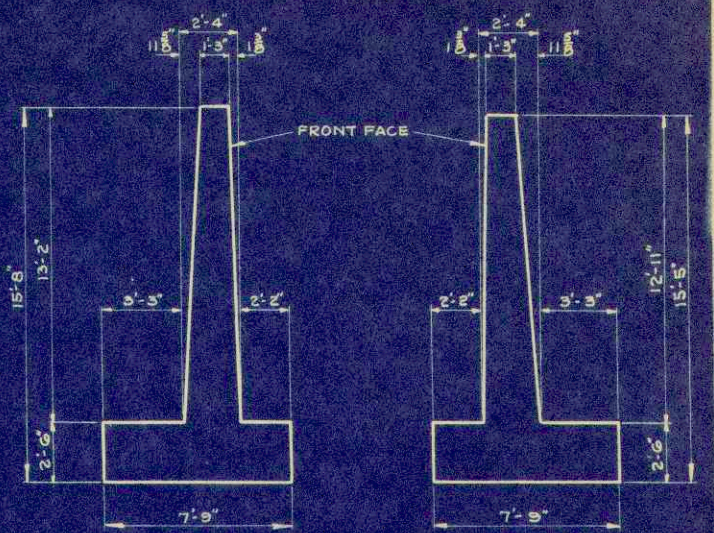


FRONT ELEVATION - WING 1

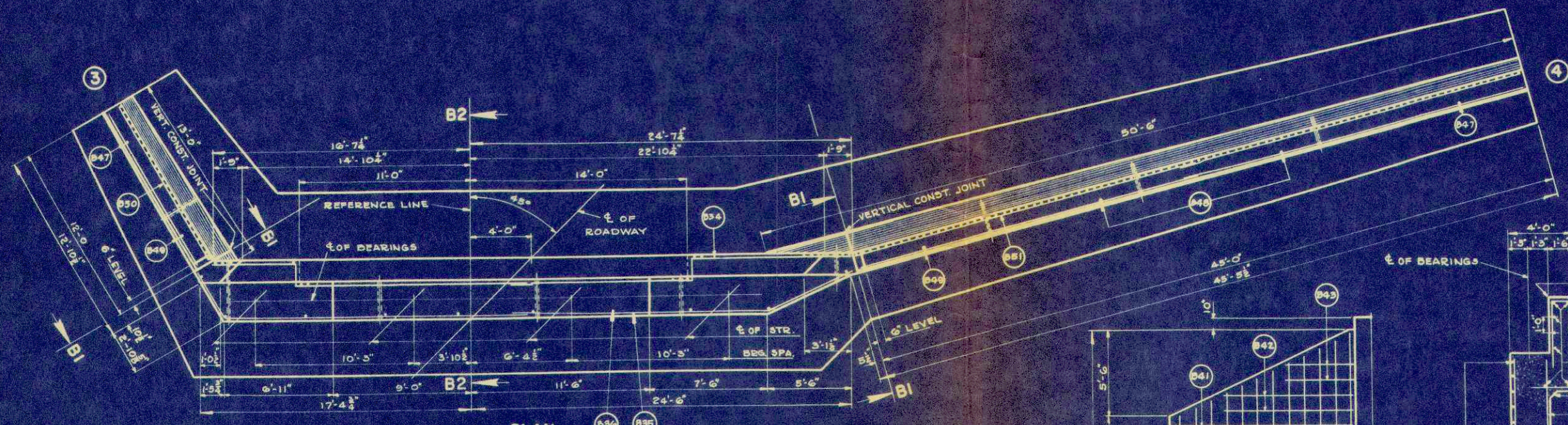
DIVISION	PROJECT	SHEET NO.	TOTAL SHEETS
4	SO123(8)	8	12



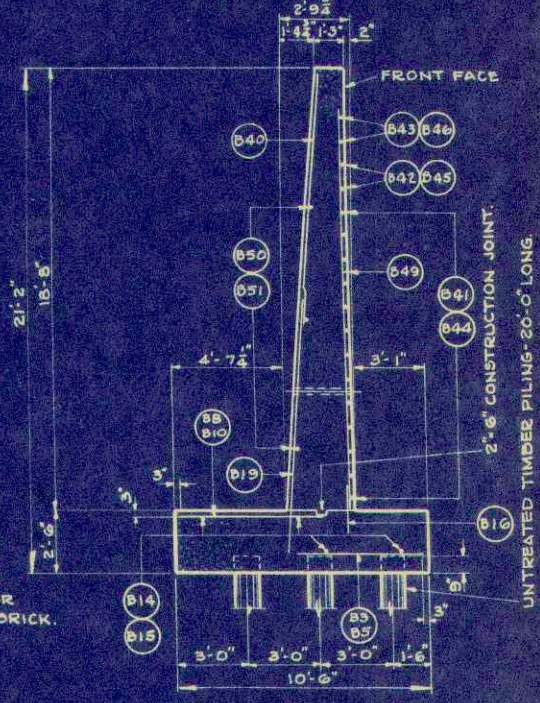
FRONT ELEVATION



**WING 3 WING 4
END VIEW OF WINGS**



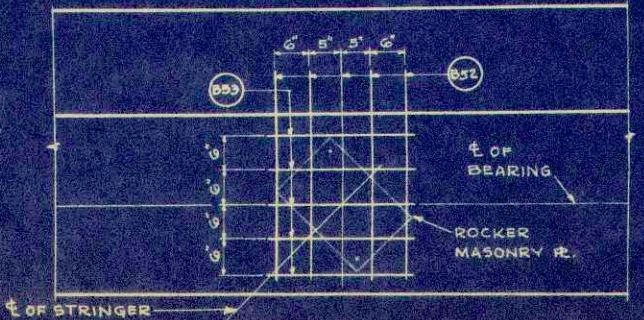
PLAN



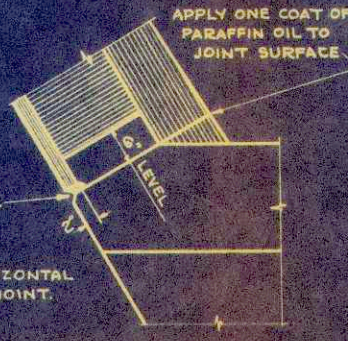
SECTION B1

IMBED VERTICAL STEEL INTO FOOTINGS AS FOLLOWS:
 1'-0" = B16
 1'-2" = B23, B25 & B31
 1'-6" = B26, B27, B29, B30 & B32
 1'-9" = B19, B21, B22, B24 & B28
 2'-1" = B20
 FOR B17 & B18 SEE DETAILS ON X14994.

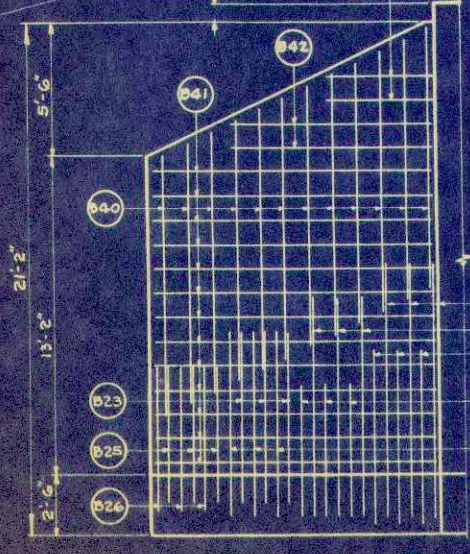
NOTE:
 FOR ADDITIONAL DETAILS OF THE
 "NORTH ABUTMENT" SEE X14993.



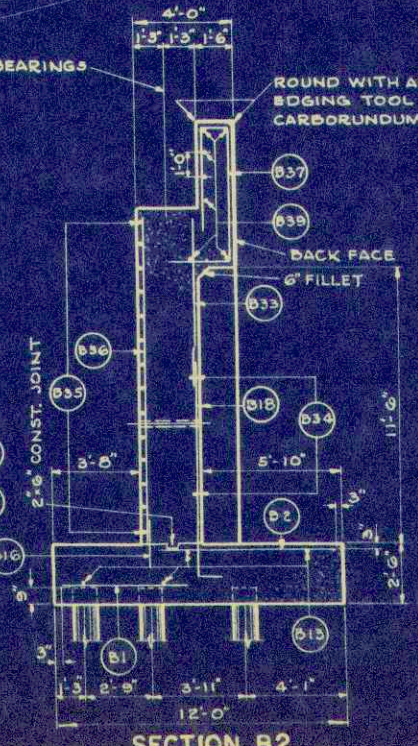
GRID DETAILS



VERTICAL CONSTRUCTION JOINT



FRONT ELEVATION - WING 3



SECTION B2

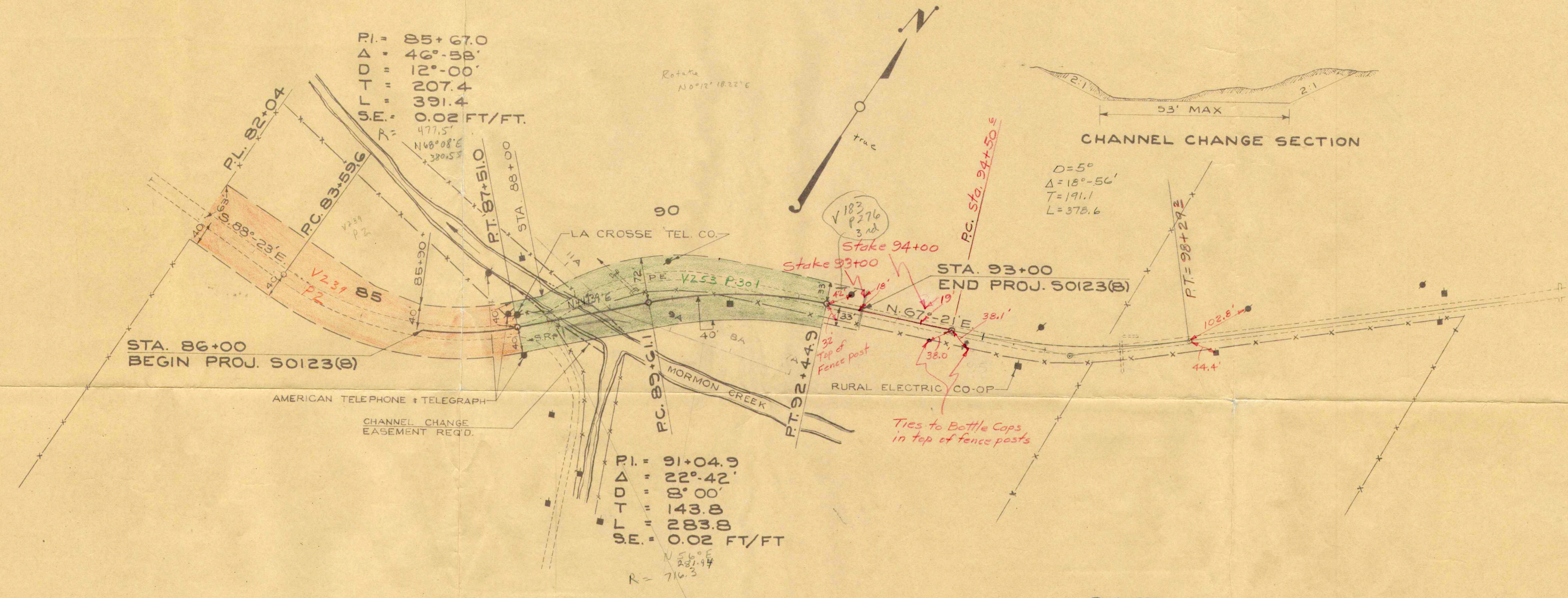
STATE HIGHWAY COMMISSION OF WISCONSIN			
NORTH ABUTMENT			
STRUCTURE	DATE	BY	LOAD
B -32-11	1981	L.W.F.	M15
SHEET 4 OF 6			

X14992

Part of #57

B.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	5 0123(B)		

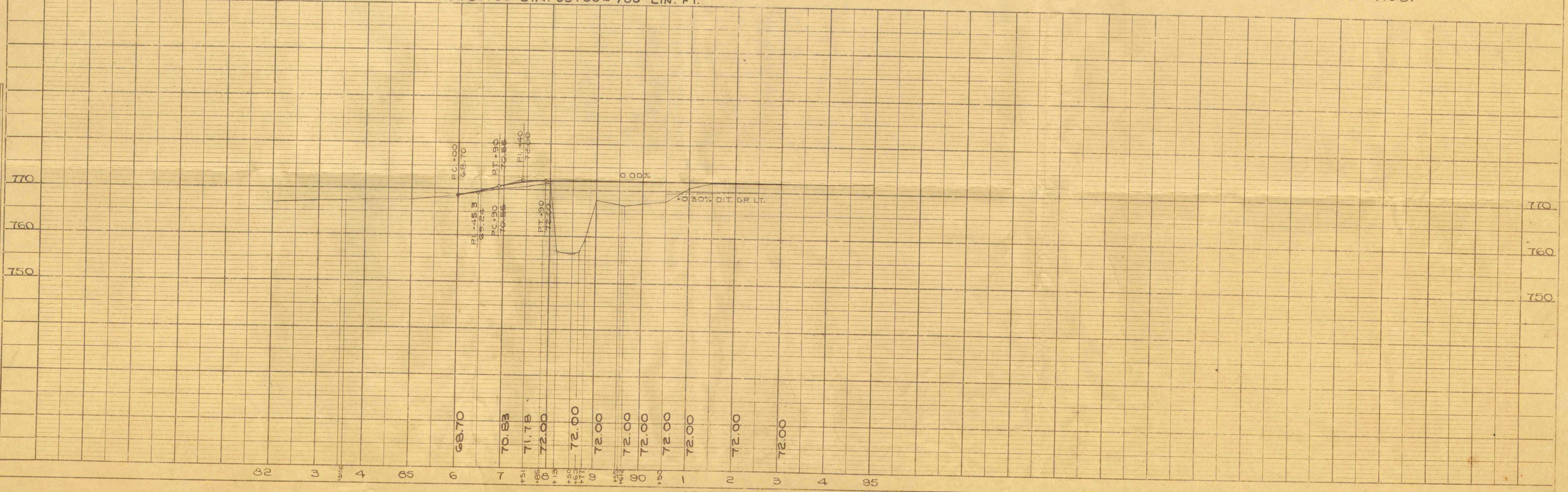
PLAN	DATE	BY
SURVEYED		
ALIGNED		
NOTE BOOK, ALIGNMENT CHECKED		
NO. 1923		
RT. OF WAY CHECKED		

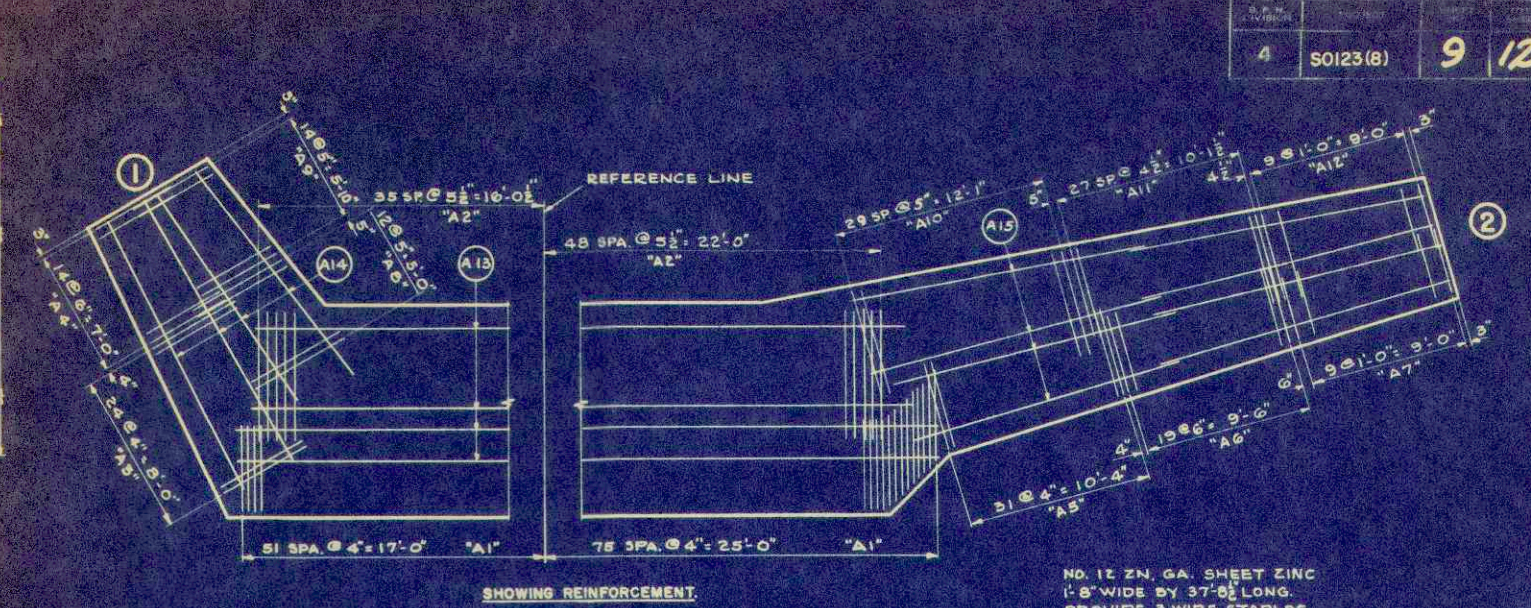
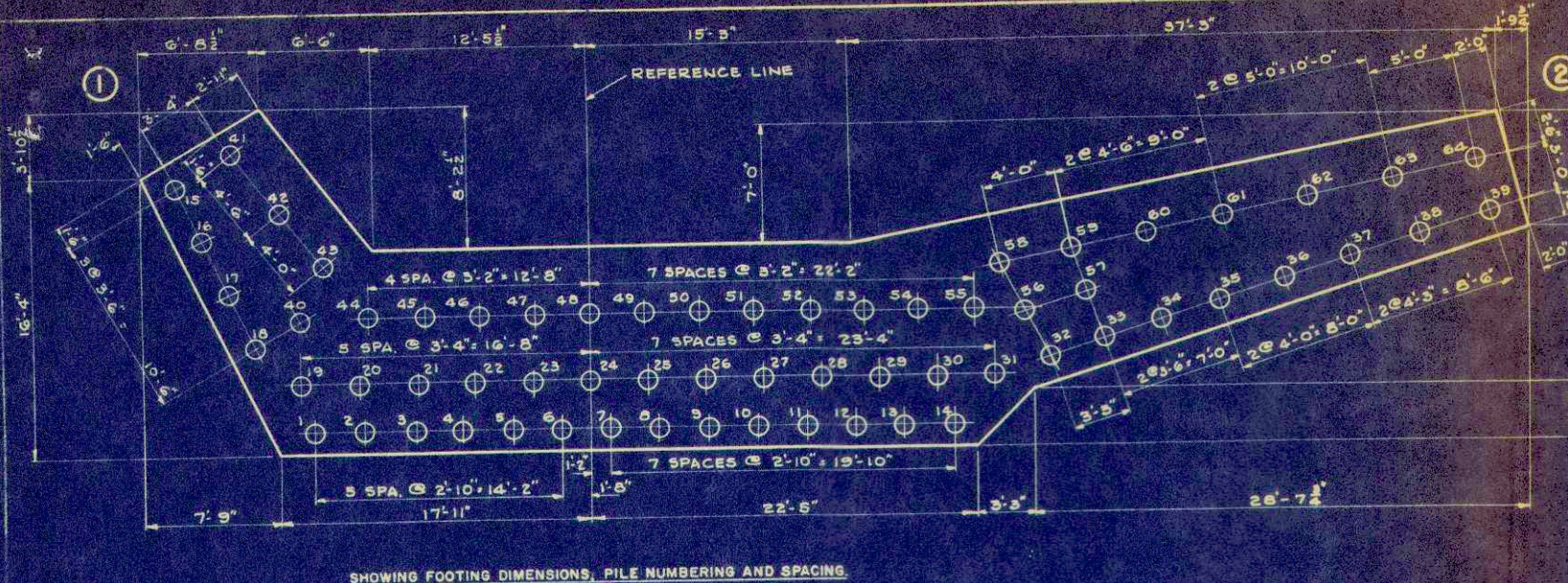


NET LENGTH OF CENTERLINE STA. 86+00-STA. 93+00 = 700 LIN. FT.

B.M. STA. 88+50 PAINTED \square ON N.W. WINGWALL OF BRIDGE ELEV. 770.87

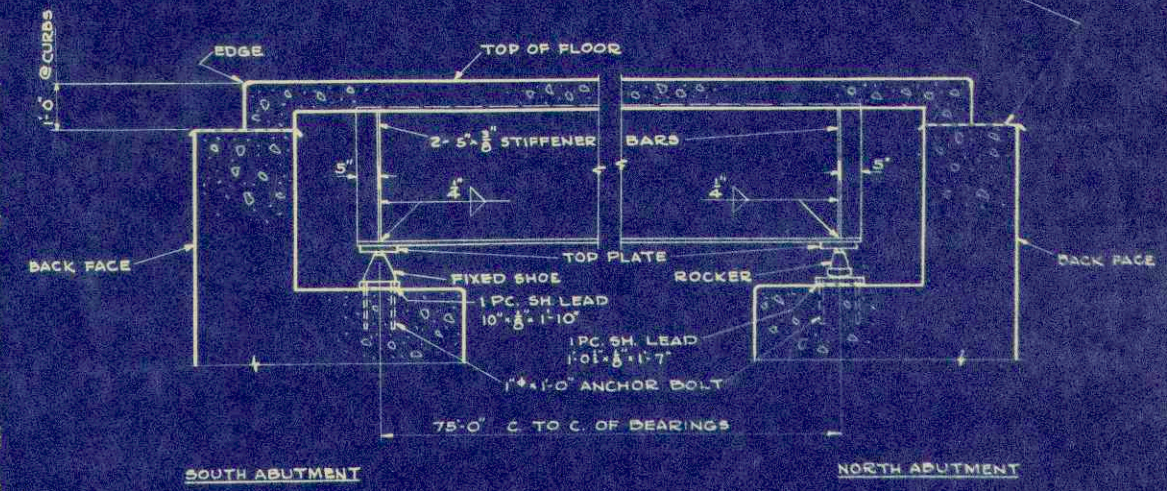
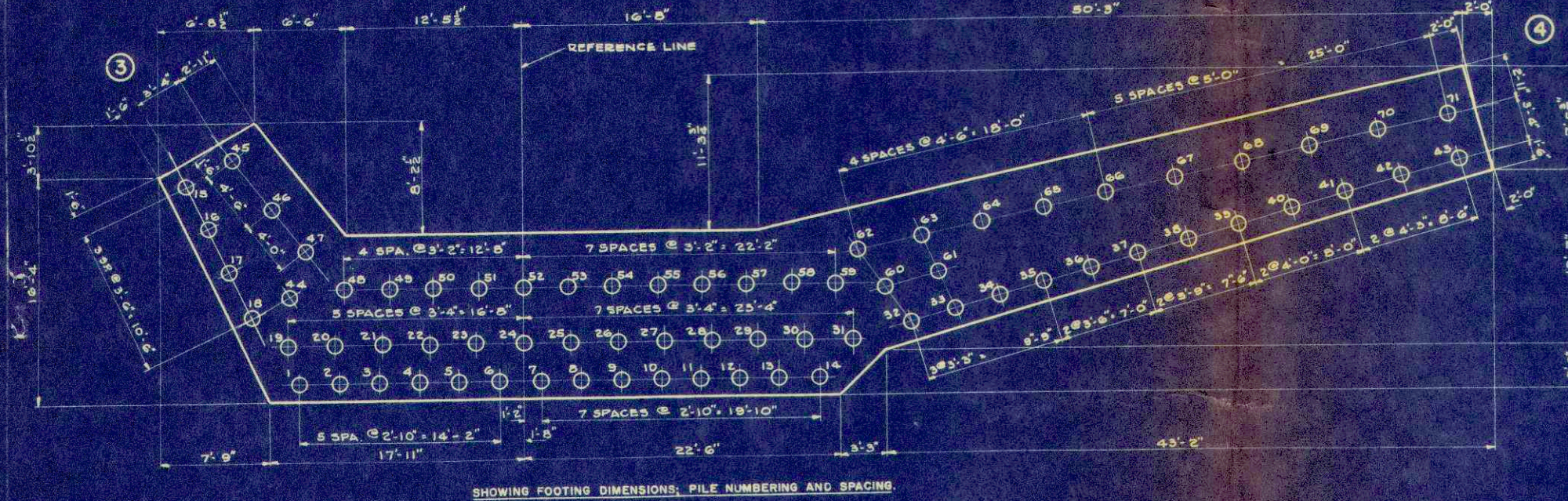
PROFILE	DATE	BY
SURVEYED	2-25	WAR
NOTE BOOK GRADES CHECKED		
NO. 1923		
STRUCTURE NOT AT HIS CHRG.		



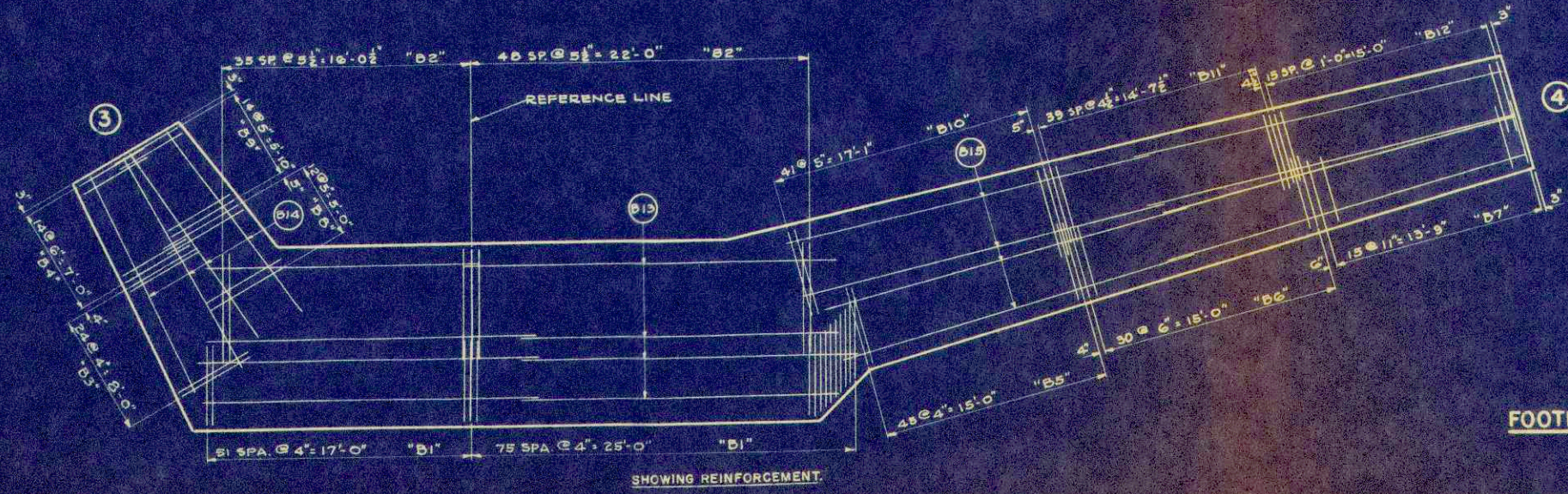


NO. 12 ZN. GA. SHEET ZINC
1'-8" WIDE BY 37'-0" LONG.
PROVIDE 3 WIRE STAPLES
AT EACH SPlice.

SOUTH ABUTMENT



SECTION THRU BEARINGS TAKEN PARALLEL TO C. OF ROADWAY



FOOTING PLANS

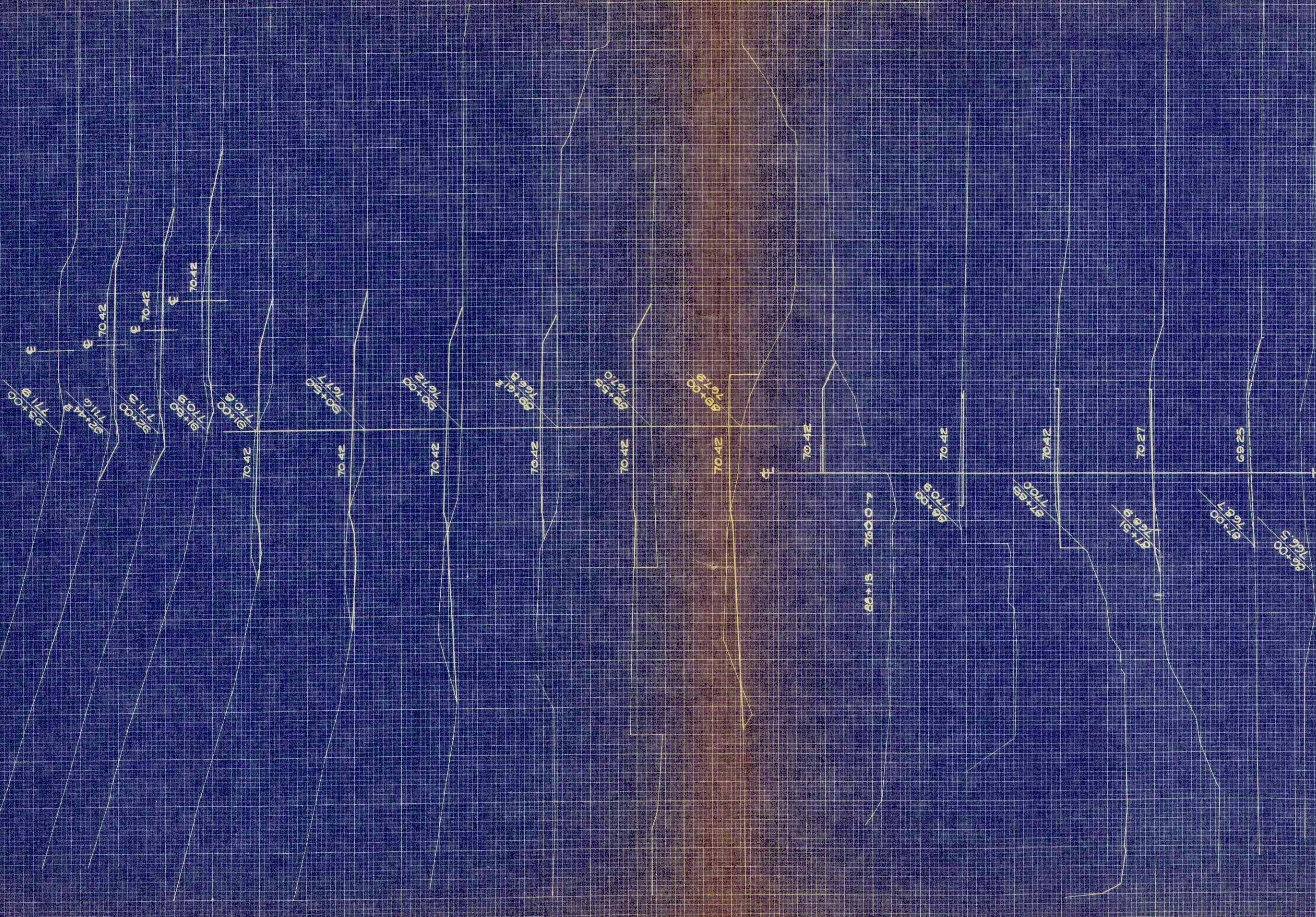
NORTH ABUTMENT

STATE HIGHWAY COMMISSION OF WISCONSIN			
ABUTMENT DETAILS			
DATE: 5/28/53	BY: [Signature]	SCALE: 1/2" = 1'-0"	PROJECT: [Blank]
B - 32-11		SHEET 5 OF 6	
X 14993			

FINAL SURVEY DRAWING
 DATE 2-23
 BY W.H.T.
 CHECKED M.H.A.
 NO. 1925

ORIGINAL DRAWING
 DATE 2-23
 BY W.H.T.
 CHECKED M.H.A.
 NO. 1925

SCALE 1"=10' HOR.
 1"=10' VERT.

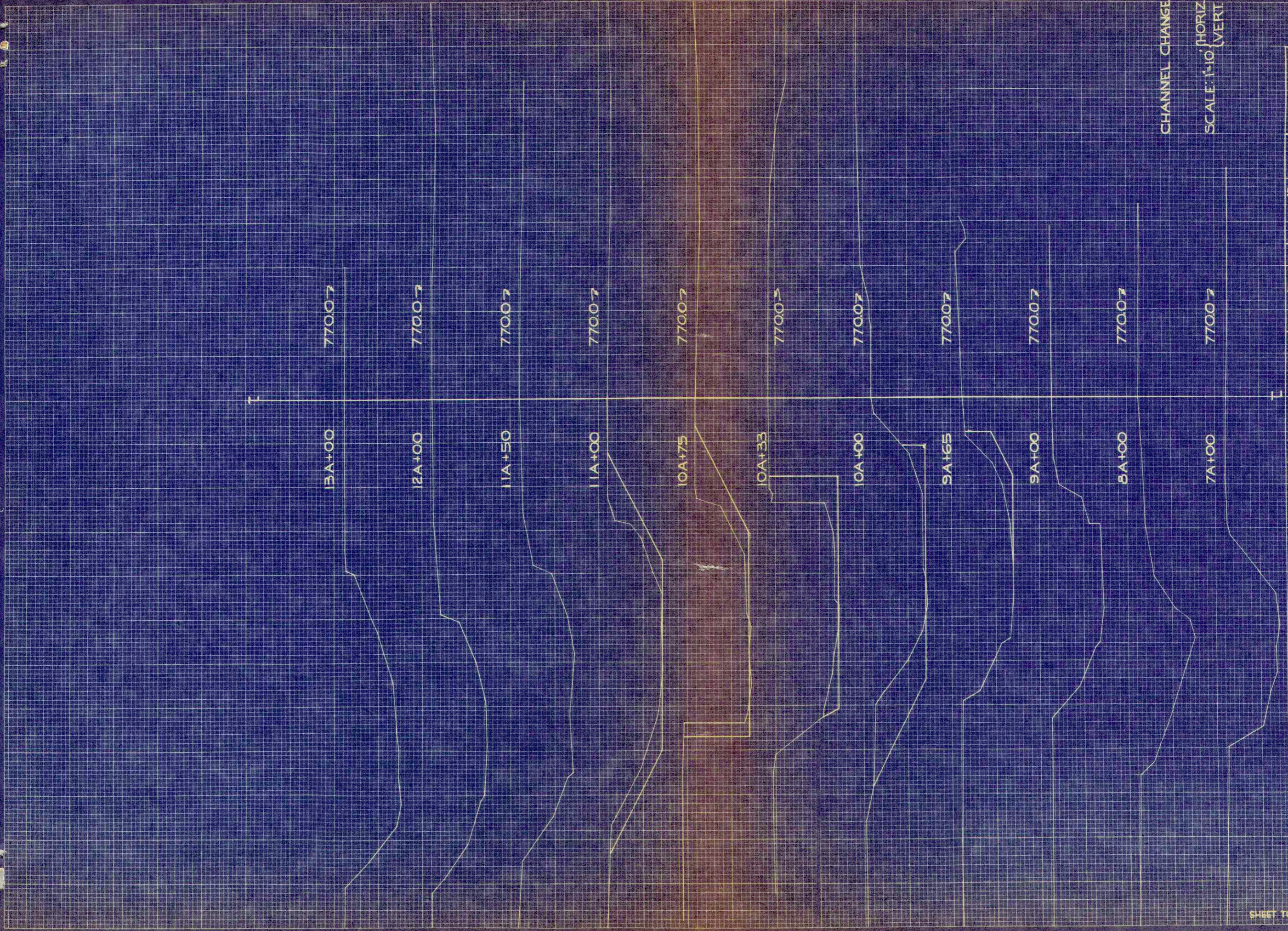


B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S 0123(S)	11	12

STATION	DISTANCE	YARDAGE		
		COMMON	BALLAST	FILL
86				
	10		0	7
87				
	19		9	13
+51				
	19		26	11
+85				
	11		17	4
88				
	4		9	20
+13				
	51		13	80
89				
	150		61	351
+55				
	44		19	130
+62				
	96		46	193
90				
	101		59	204
+50				
	83		59	130
91				
	69		59	67
+50				
	65		59	33
92				
	72		55	4
+44				
	56		33	0
93				
SHEET TOTAL		859	524	1277

ORIGINAL SURVEY
 NUMBERED COPY BOOK NO. 228
 W.H. G.
 DATE 8-23

FINAL SURVEY
 NUMBERED COPY BOOK NO. 228
 W.H. G.
 DATE



STATION		YARDAGE		
DISTANCE	COMMON	EXCAVATION		FILL
	9A+60	7		
	+65	224		
	10A	247		
	+33	230		
	+75	155		
	11A	98		
	+32			

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	501230	12	12

SHEET TOTAL 96