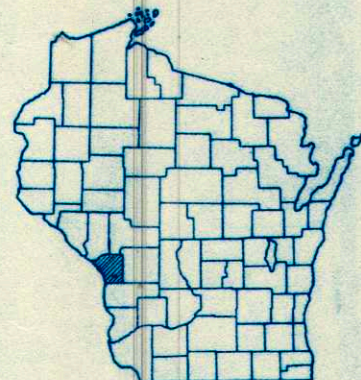


INDEX OF SHEETS

SHEET NO.	TITLE
1	TITLE
2	TYPICAL CROSS SECTIONS
2-2.1	ESTIMATE OF QUANTITIES
2	MISCELLANEOUS QUANTITIES
-	RIGHT OF WAY PLAT
3-3	PLAN AND PROFILE STA. 7+00 TO STA. 87+24.6
6-9	STANDARD DETAILS
10-13	DRAINAGE STRUCTURES
14-26	CROSS SECTIONS



STATE OF WISCONSIN
STATE HIGHWAY COMMISSION OF WISCONSIN

PLAN AND PROFILE OF PROPOSED
U.S.H. 14 - ST. JOSEPH ROAD
 LA CROSSE COUNTY
 PROJECT S 0123 (5)

BEGINNING APPROX. 1670' WEST & 415' SOUTH OF THE NORTHEAST CORNER SEC. 29, T 15 N, R 6 W. THENCE SOUTHEASTERLY AND NORTHEASTERLY TO A POINT APPROX. 105' NORTH & 510' EAST OF THE WEST 1/4 CORNER SEC. 27, T 15 N, R 6 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.

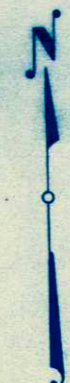
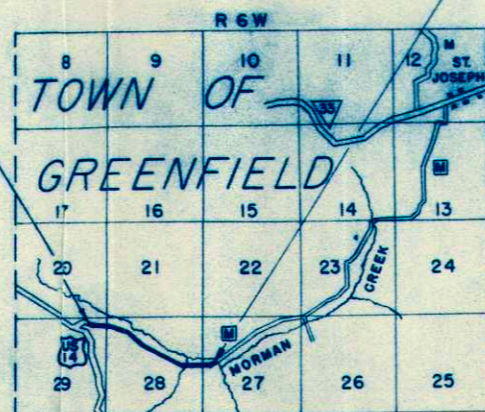
COUNTY AND HIGHWAY	ROUTE AND SECTION	CLASS AND AGREEMENT		FEDERAL DIVISION OFFICE	SHEET NUMBER	TOTAL SHEETS
		STATE	FEDERAL			
32.6	123.0		11.5	WIS. 5N	1	26

Co "M" From Ten Mile House to

Br. 60-61

BEG. OF PROJECT S 0123 (5)
 STA. 7+00

END OF PROJECT S 0123 (5)
 STA. 87+24.6



CONVENTIONAL SIGNS

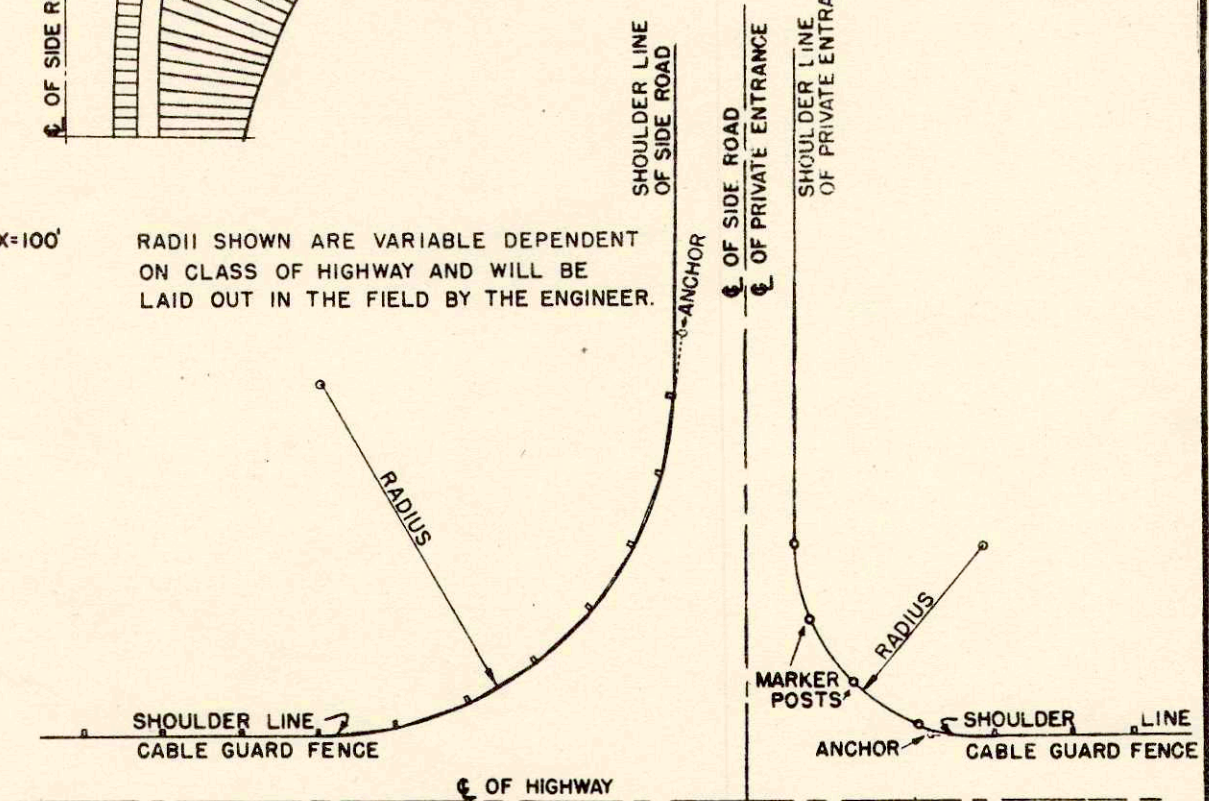
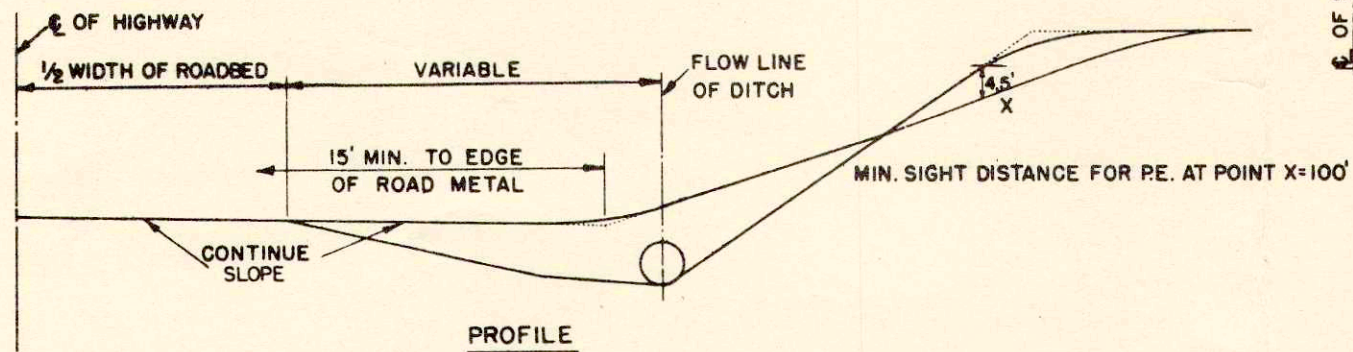
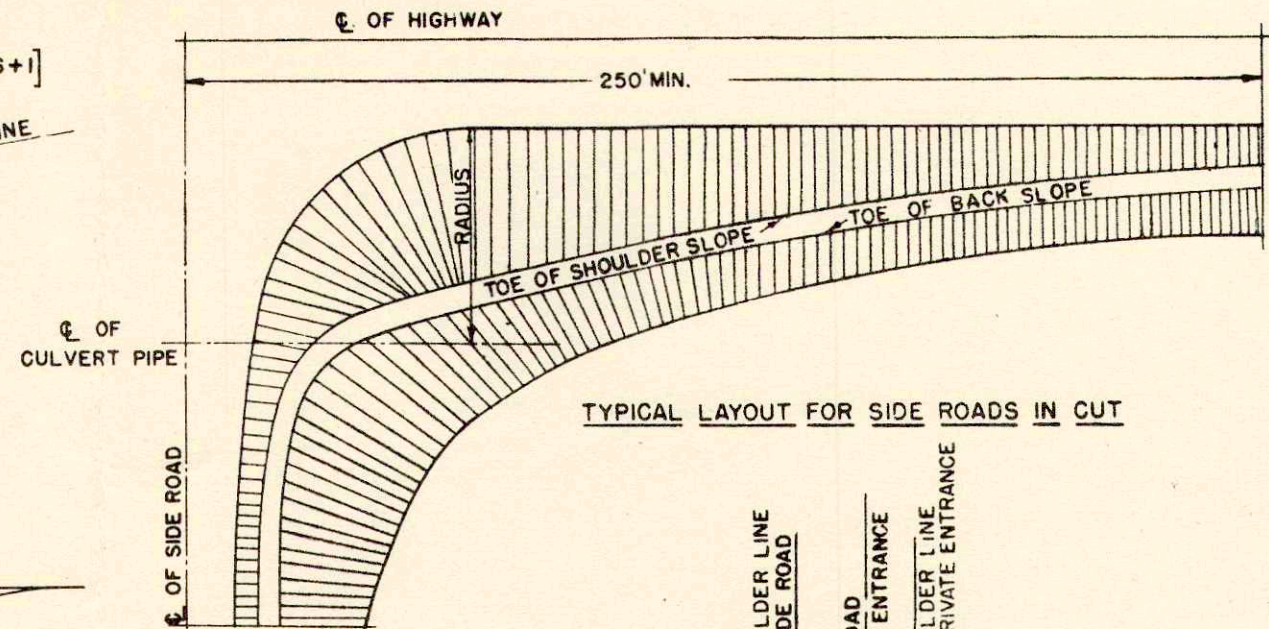
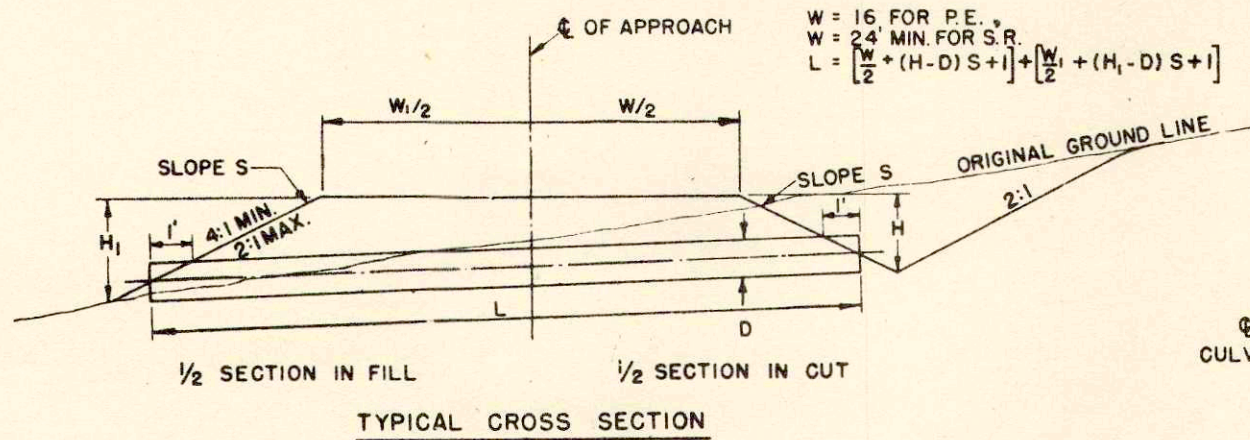
STATE LINE	-----	CULVERTS IN PLACE	-----
COUNTY LINE	-----	CULVERTS REQUIRED	-----
TOWNSHIP OR RANGE LINE	-----	DROP INLET	-----
SECTION LINE	-----	POWER POLE	-----
NEW RIGHT OF WAY LINE	-----	TELEPHONE OR TELEGRAPH POLE	-----
PRESENT RIGHT OF WAY LINE	-----	REFERENCE STAKE FOR HUBS ONLY	-----
WIRE FENCE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

LAYOUT

SCALE 1 MILE

TOTAL NET LENGTH OF CENTERLINE = 1.520 MI.

STATE HIGHWAY COMMISSION OF WISCONSIN MADISON, WIS.		DEPARTMENT OF COMMERCE BUREAU OF PUBLIC ROADS	
SURVEYOR	WFW	NOTE BOOK	8762
DIVISION COMPUTER	AEJ	M. O. CHECKER	
DIVISION CHECKER	RGJ	CORRECT	
CORRECT:		RECOMMENDED FOR APPROVAL:	
DATE	3/15/51	<i>T. M. Russell</i>	DIVISION ENGINEER
RECOMMENDED FOR APPROVAL:		DISTRICT ENGINEER	
DATE	5/15/51	<i>C. J. [Signature]</i>	CONSTRUCTION ENGINEER
APPROVED:		APPROVED:	
DATE	5/15/51	<i>E. G. [Signature]</i>	STATE HIGHWAY ENGINEER
		DIVISION ENGINEER	



DETAILS OF PRIVATE ENTRANCE AND SIDE ROAD APPROACHES

STATE HIGHWAY COMMISSION OF WISC.

RECOMMENDED FOR APPROVAL:

Frank Crow
DESIGN ENGINEER

M. Bluk
CONSTRUCTION ENGINEER

DATE

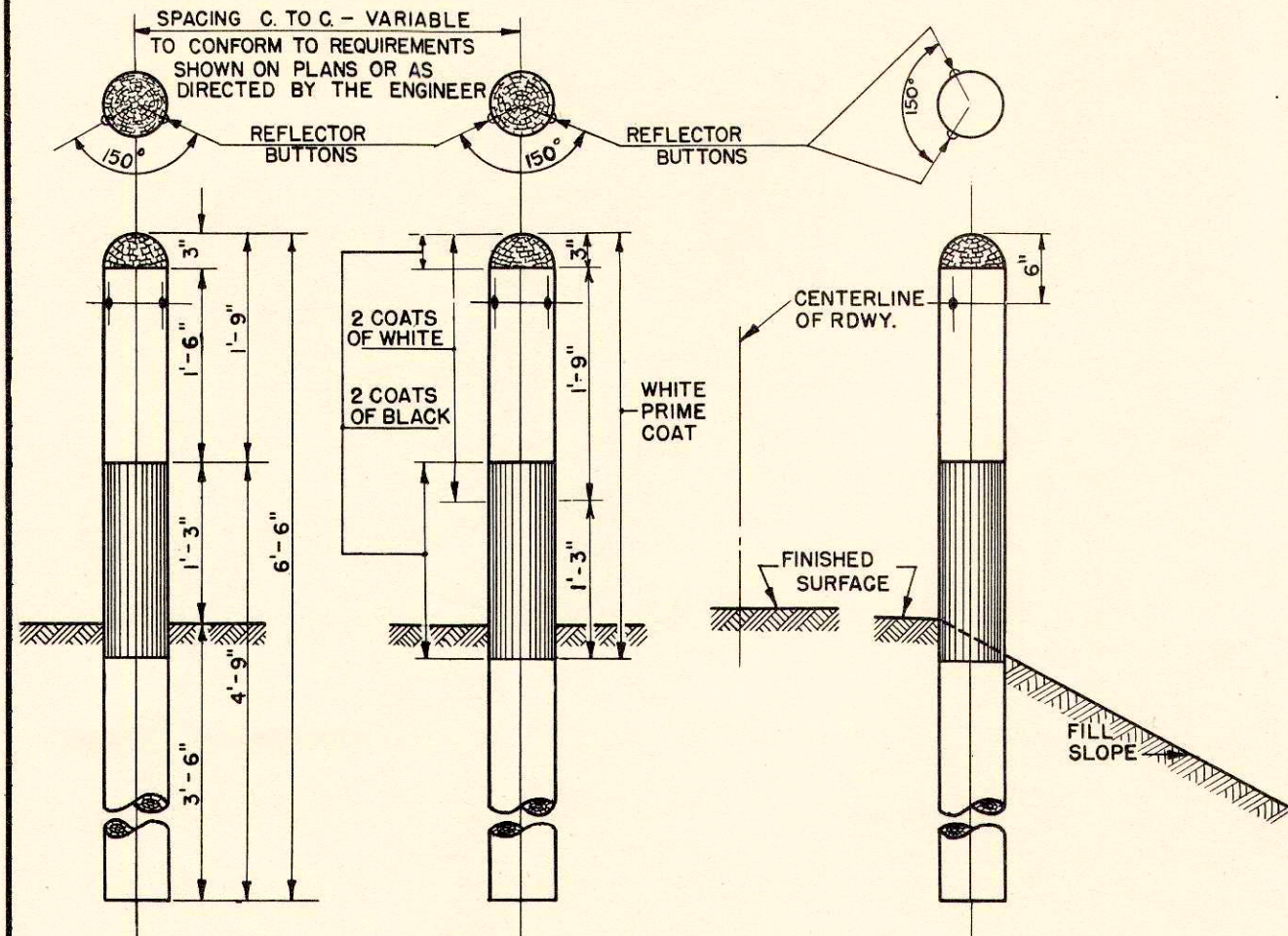
APPROVED: OCT. 1, 1945

DRAWN

E. H. Roelker
STATE HIGHWAY ENGINEER

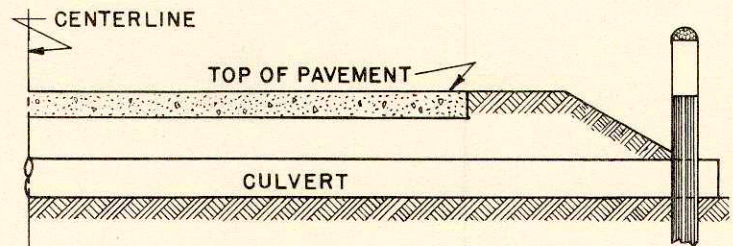
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DATE

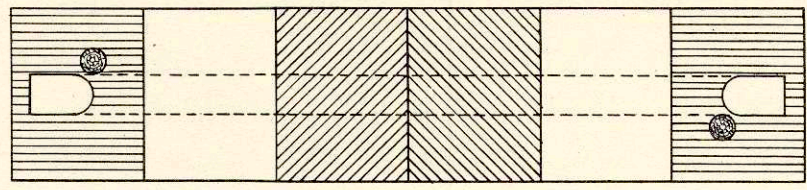


ELEVATION SHOWING SPACING

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.

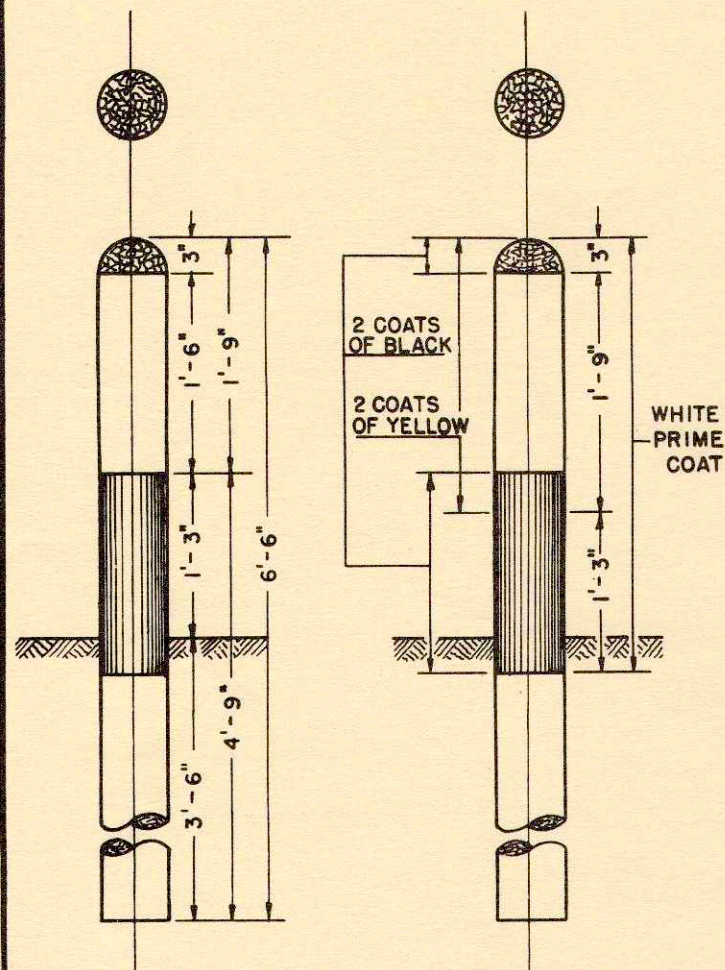
POSTS SHALL BE 6" CONFORMING TO THE REQUIREMENTS OF SECTION 4124

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.

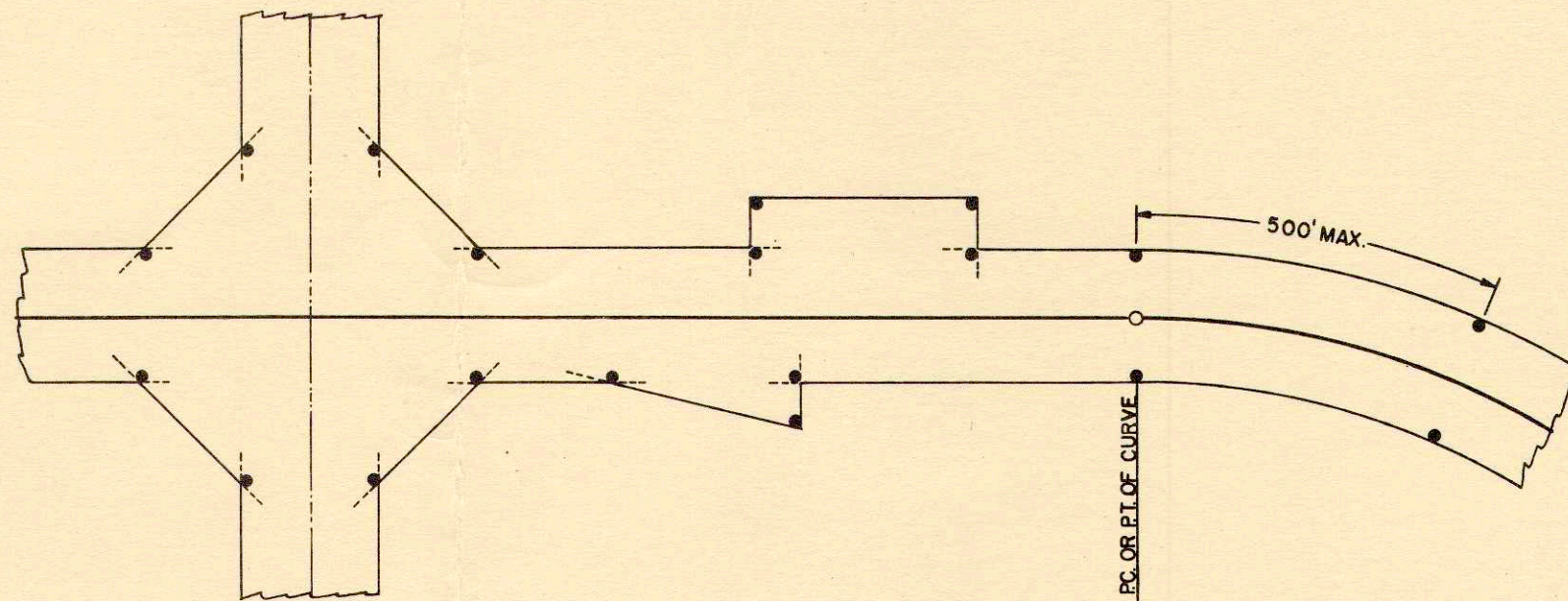
MARKER POSTS	
FOR	
SHOULDER DELINEATION AND CULVERTS	
STATE HIGHWAY COMMISSION OF WISC.	
RECOMMENDED FOR APPROVAL:	
<i>Frank Crave</i> DESIGN ENGINEER	
<i>W. Bluh</i> CONSTRUCTION ENGINEER	
DATE	OCT. 1, 1945
APPROVED:-	OCT. 1, 1945
DRAWN C.A.L.	<i>E.G. Ruetim</i> STATE HIGHWAY ENGINEER
CHECKED D.F.G.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



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.

MARKER POSTS FOR RIGHT OF WAY

STATE HIGHWAY COMMISSION OF WISCONSIN

RECOMMENDED FOR APPROVAL:

[Signature]
CONSTRUCTION ENGINEER

APPROVED:

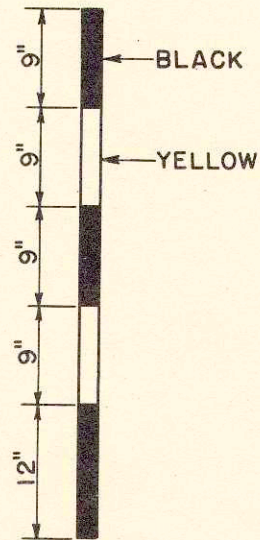
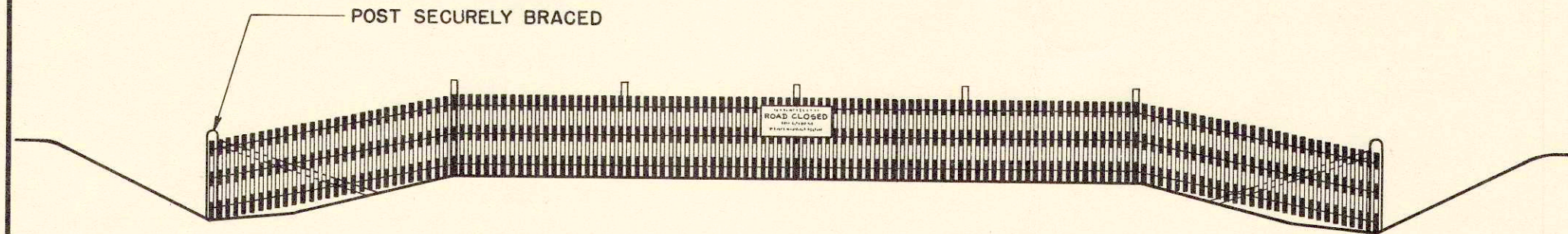
DATE: JAN. 19, 1950

DRAWN D.V.D.
CHECKED N.F.C.

[Signature]
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	
CONSTRUCTION BARRICADE	
RECOMMENDED FOR APPROVAL:	
<i>Frank Orace</i> DESIGN ENGINEER	
<i>M. Bluh</i> CONSTRUCTION ENGINEER	
APPROVED:-	
DRAWN <u>HM</u>	OCT. 1, 1945 <i>E. G. Fottiger</i>
CHECKED <u>WHG</u>	DATE STATE HIGHWAY ENGINEER

ESTIMATE OF QUANTITIES

CONTRACT NO. 1

PROJECT	SHEET NO.	TOTAL SHEETS
0123(5)	2	26

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 AS STANDARD NOV. 8, 1948, AND SPECIAL PROVISIONS AS ATTACHED TO PROPOSAL.

STATION TO STATION	NET LENGTH OF CENTER LINE	CLEARING	GRUBBING	EXCAVATION				FINISHING ROADWAY	OBLITERATING OLD ROAD	GRAVEL OR CRUSHED STONE		CULVERT PIPE					GUARD FENCE	MARKER POSTS FOR R/W	MARKER POSTS FOR STA.	REMOVE OLD CULVERT		SAND GRAVEL	CONCRETE MASONRY		BAR STEEL REINFORCEMENT		STRUCTURAL CARBON STEEL	SHEET PILING	TRT'D LUMBER	UNTREATED TIMBER		TRT'D TIMBER PILING		PILE SHOES	FLOOR DRAINS	TOPSOIL		FER-TILIZER	SEEDING
				COMMON	BORROW	FOR STRUC. (BR.)	FOR STRUC. (CULV.)			COURSE	BASE	18"	24"	30"	72"	60"				20+48	73+41.5		CULV.	BRIDGES	BRIDGES	CULV.				20+57	73+40	DELIVERED	DRIVEN			SQ. YD.	SQ. YD.		
7+00-87+24.6	8024.2	147	147	144	22	100	95	808		5640	168	280	84	48	46	40		24	41	1	1	8498	12.3	20.4	4650	2780	16380	48	8.9	1	1	1210	880	22	2	5990			28240

STA. TO STA.	IN. DIA.
34-35	24
53-54	63
55-56	60

STA. TO STA.	IN. DIA.
34-35	24
53-54	63
55-56	60

STA. TO STA.	LOC'N	STAS.
7+00-87+24.6	CL	79.8
34+28	S.R.	1.0

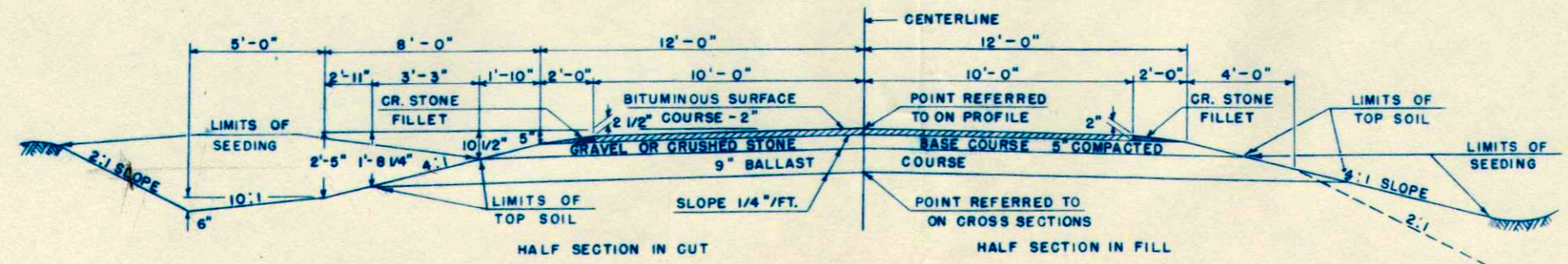
STATION	TYPE	GL.	RESS. L. R.	DIAM.	LENGTH	MARKERS
12+14	C.P.	✓		24	60	2
17+91	"	✓		18	24	
17+91	"		✓	18	24	
23+73	"	✓		24	48	2
27+36	"	✓		24	48	2
29+39	"		✓	18	24	
34+10	"	✓		60	46	2
40+51	"	✓		24	44	2
44+69	"	✓		24	40	2
47+32	"	✓		30	40	2
53+49	"	✓		72	48	2
53+92	"		✓	18	24	
62+00	"	✓		30	44	2
66+30	"		✓	18	24	
70+45	"	✓		24	40	2
74+00	"		✓	18	24	
74+00	"	✓		18	24	

STATION	QUANTITY
20+57	2
73+40	2

STATION TO STATION	LOC'N	QUANTITY C.Y.
7+00-87+24.6	CL	4100
7+00-87+24.6	S.R.	120
34+28	S.R.	40
STOCK PILE		1400

STA. TO STA.	LOC'N	QUANTITY S.Y.
7+00-87+24.6	CL	5990

STA. TO STA.	LOC'N	QUANTITY S.Y.
7+00-87+24.6	CL	28090
34+28	S.R.	150



- APPLICABLE DETAIL DRAWINGS
- PRIV. ENTR. & S.R. APPR. 1-3.1.1
 - MARKER POST SHLD. & CULV. 7-1.1.1
 - MARKER POSTS FOR R/W 7-1.2.2
 - CONSTRUCTION BARRICADE 7-4.1.1

ESTIMATE OF QUANTITIES

CONTRACT NO. 1-1-1

PROJECT	SHEET NO.	TOTAL SHEETS
S 0123(5)	2	26

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 AS STANDARD NOV. 8, 1948, AND SPECIAL PROVISIONS AS ATTACHED TO PROPOSAL.

STATION TO STATION	NET LENGTH OF CENTER LINE	CLEAR-GRUBBING		EXCAVATION				FIN. ROADWAY	OBLIT. OLD ROAD	GRAVEL OR CRUSHED STONE		CULVERT PIPE					RIP-RAP	GUARD FENCE		MARKER POSTS FOR R/W	MARKER POSTS FOR W	REMOVE OLD CULVERT		SAND GRAVEL	CONCRETE MASONRY		BAR STEEL REINFORCEMENT		STRUC. TURAL CARBON STEEL	SHEET ZINC	TRT'D LUMBER & TIMBER	UNTREATED TIMBER		TRT'D TIMBER PILING		PILE SHOES	FLOOR DRAINS	TOPSOIL		FER-TIL-IZER	SEEDING								
		ING	ING	COMMON	BORROW	FOR STRUC. (BR.)	FOR STRUC. (CULV.)			COURSE	BASE	18"	24"	30"	72"	60"		2512-1	2523-			2523-	2523-4		2104-1	2104-2	2110-1	2404-1				2401-1	2406-2	2406-3	2407-1			2407-2	2408-2			2501-4	2501-5	2501-6	2507-1	2528-1	2603-1	2605-1	2632-1
		2101-2	2101-5	2106-1	2109-1	2107-1	2107-2			2114-1	2116-1	2203-1	23	2411-11	2411-12	2411-13		2411-15	2411-14			2512-1	2523-		2523-	2523-4	2104-1	2104-2				2110-1	2404-1	2401-1	2406-2			2406-3	2407-1			2407-2	2408-2	2501-4	2501-5	2501-6	2507-1	2528-1	2603-1
7+00-87+24.6	8024.2	147	147	14422	2737	100	95	808		5660			168	280	84	48	46	40			24	41	1	1	8498	12.3	20.4	4650	2780	16380	48	8.9	1	1	1210	880	22	2	5990			28240							

STA. TO STA.	IN. DIA.
34-35	24
53-54	63
55-56	60

STA. TO STA.	IN. DIA.
34-35	24
53-54	63
55-56	60

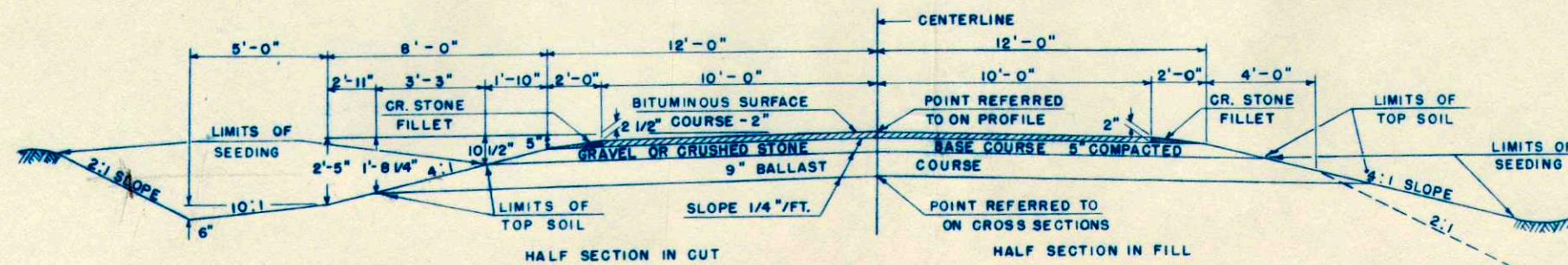
STA. TO STA.	LOC'N	STAS.
7+00-87+24.6	CL	79.8
34+28	S.Rd	1.0

STATION	TYPE	CL	RE. SSR	DIAM.	LENGTH	MARKERS
12+14	C.P.	✓		24	60	2
17+91	"		✓	18	24	
17+91	"		✓	18	24	
23+73	"	✓		24	48	2
27+36	"	✓		24	48	2
29+39	"		✓	18	24	
34+10	"	✓		60	46	2
40+51	"	✓		24	44	2
44+69	"	✓		24	40	2
47+32	"	✓		30	40	2
53+49	"	✓		72	48	2
53+92	"		✓	18	24	
62+00	"	✓		30	44	2
66+30	"		✓	18	24	
70+45	"	✓		24	40	2
74+00	"		✓	18	24	
74+00	"	✓		18	24	

STATION TO STATION	LOC'N	QUANTITY
7+00-87+24.6	CL	4100
7+00-87+24.6	RE: 8	120
34+28	S.Rd	40
STOCK PILE		1400

STA. TO STA.	LOC'N	QUANTITY
7+00-87+24.6	CL	5990

STA. TO STA.	LOC'N	QUANTITY
7+00-87+24.6	CL	28090
34+28	S.Rd	150

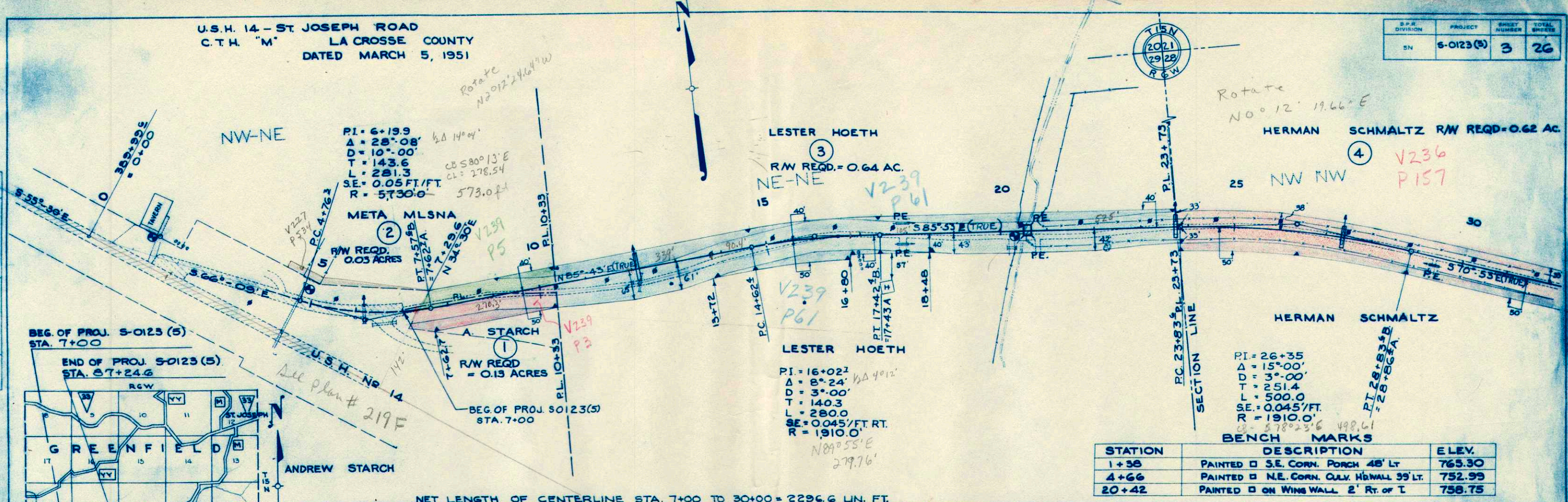


APPLICABLE DETAIL DRAWINGS

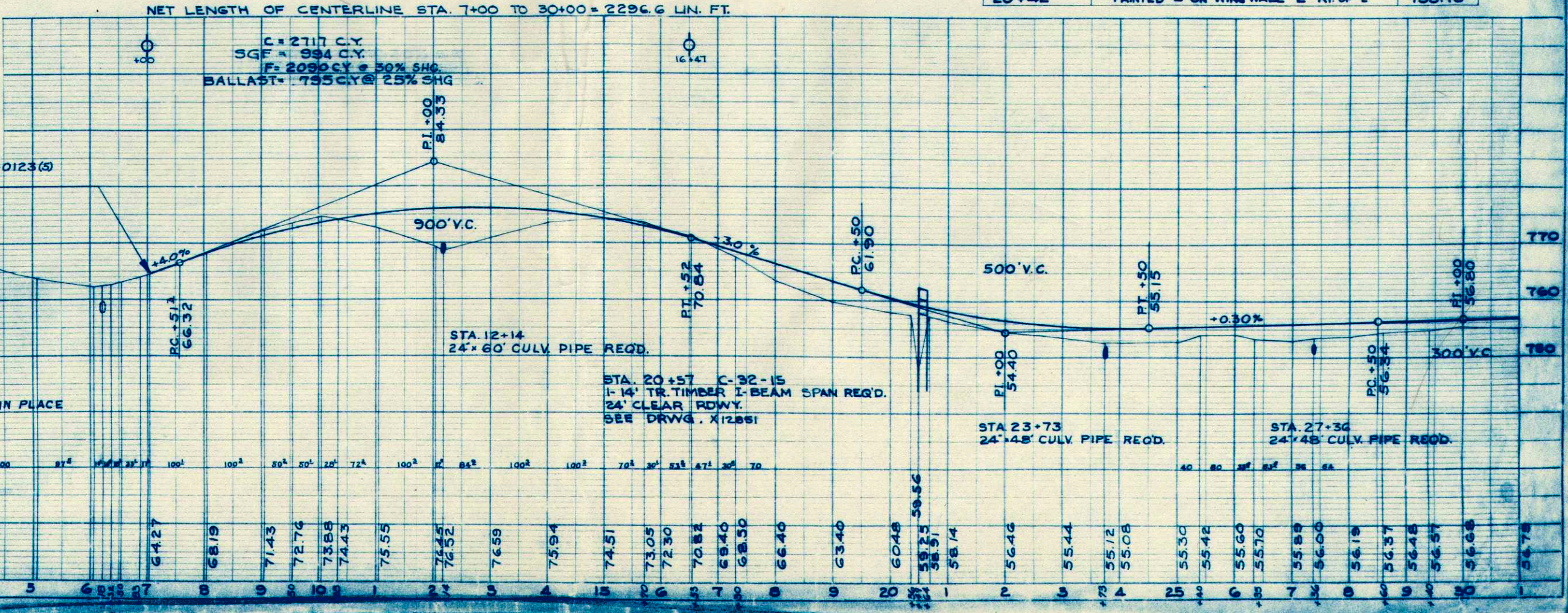
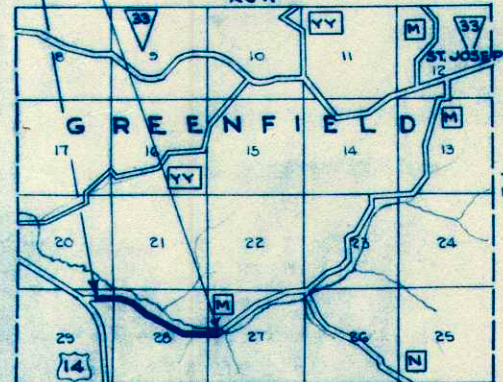
- PRIV. ENTR. & S.R. APPR. 1-3.1.1
- MARKER POST SHLD. & CULV. 7-1.1.1
- MARKER POSTS FOR R/W 7-1.2.2
- CONSTRUCTION BARRIAGE 7-4.1.1

U.S.H. 14 - ST. JOSEPH ROAD
 C.T.H. "M" LA CROSSE COUNTY
 DATED MARCH 5, 1951

S.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
SN	6-0123(5)	3	26

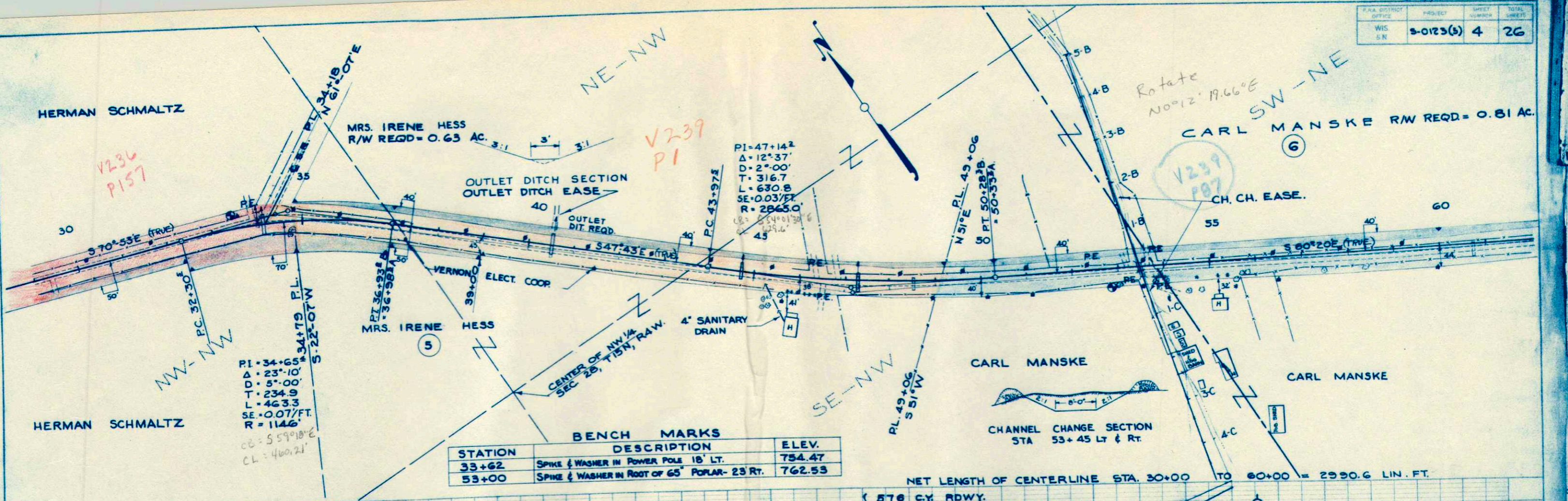


STATION	DESCRIPTION	ELEV.
1+38	PAINTED □ S.E. CORN. PORCH 48' LT	765.30
4+66	PAINTED □ N.E. CORN. CULV. HWALL 99' LT.	752.99
20+42	PAINTED □ ON WING WALL 2' RT. OF I	758.75



PLAN
 DATE 3-5-51
 SURVEYED BY
 PLOTTED BY
 CHECKED BY
 NOTE BOOK NO. 8762

PROFILE
 DATE 3-5-51
 SURVEYED BY
 PLOTTED BY
 CHECKED BY
 NOTE BOOK NO. 8762

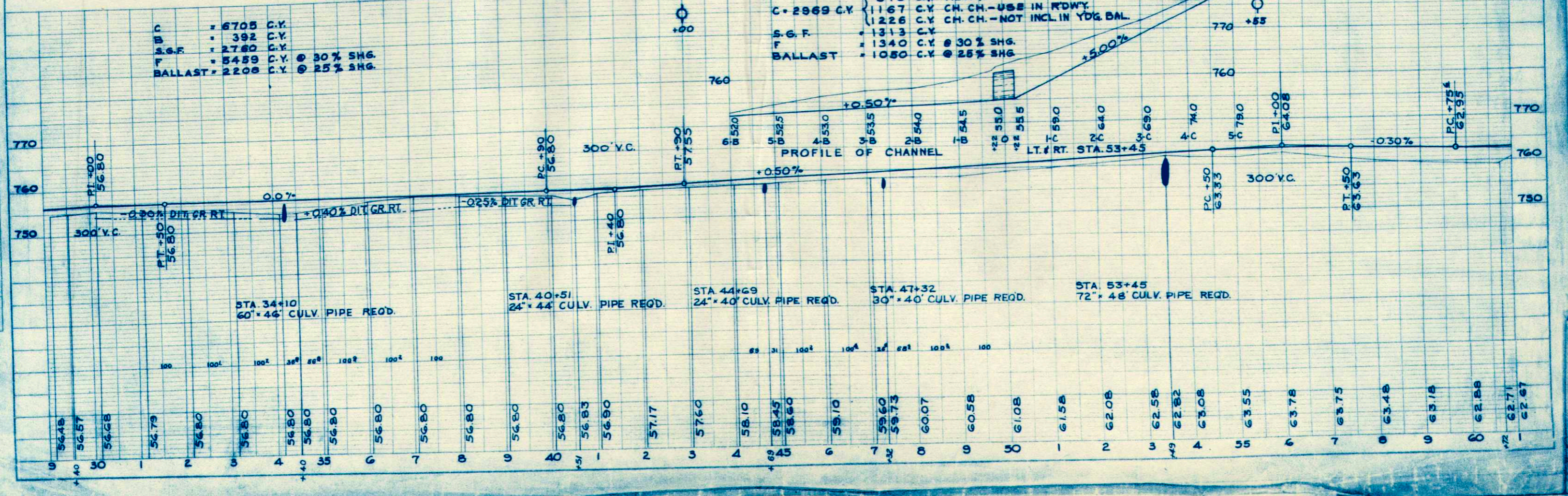


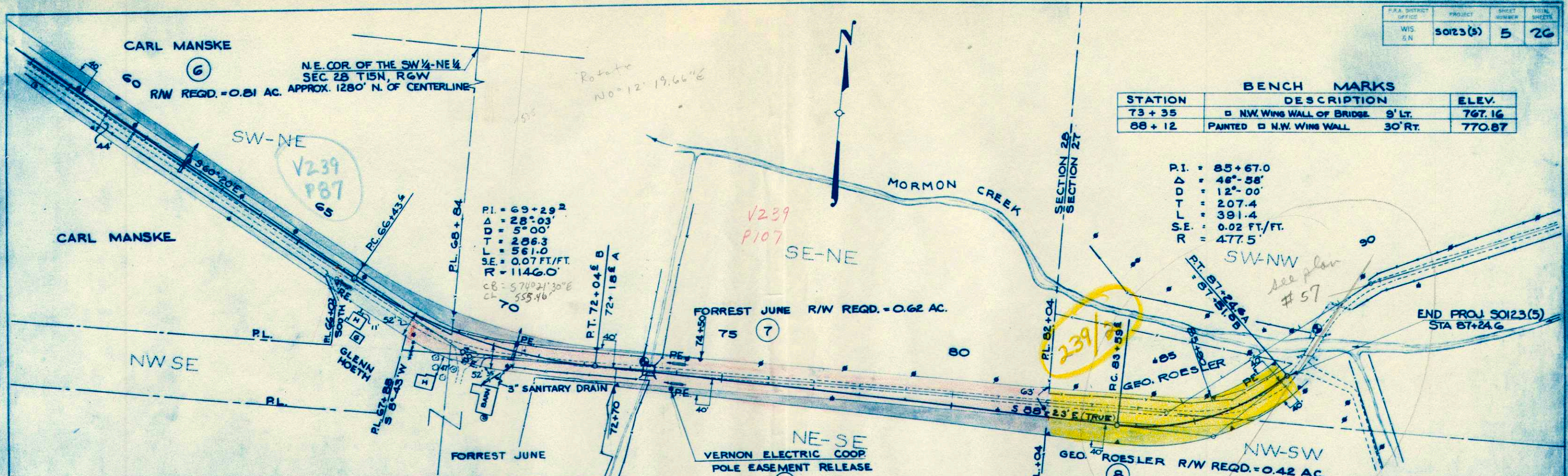
BENCH MARKS

STATION	DESCRIPTION	ELEV.
33+62	SPIKE & WASHER IN POWER POLE 18' LT.	754.47
53+00	SPIKE & WASHER IN ROOT OF 65' POPLAR- 23 RT.	762.53

C = 6705 C.Y.
 B = 392 C.Y.
 S.G.F. = 2780 C.Y.
 F = 5459 C.Y. @ 30% SHG.
 BALLAST = 2208 C.Y. @ 25% SHG.

NET LENGTH OF CENTERLINE STA. 30+00 TO 60+00 = 2990.6 LIN. FT.
 C - 2969 C.Y. { 578 C.Y. RDWY.
 { 1167 C.Y. CH. CH. - USE IN RDWY.
 { 1226 C.Y. CH. CH. - NOT INCL. IN YDG. BAL.
 S.G.F. = 1313 C.Y.
 F = 1340 C.Y. @ 30% SHG.
 BALLAST = 1050 C.Y. @ 25% SHG.





STATION	BENCH MARKS DESCRIPTION	ELEV.
73 + 35	□ NW WING WALL OF BRIDGE 9' LT.	767.16
68 + 12	PAINTED □ N.W. WING WALL 30' RT.	770.87

P.I. = 85+67.0
 Δ = 46°-58'
 D = 12°-00'
 T = 207.4
 L = 391.4
 S.E. = 0.02 FT./FT.
 R = 477.5'

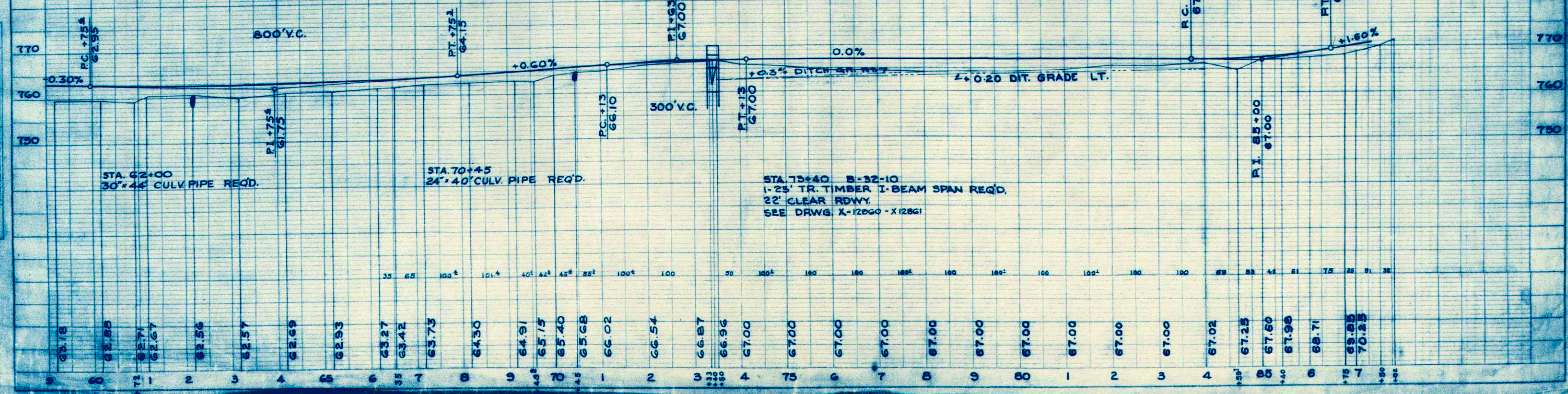
PI. = 69+29.2
 Δ = 28°-03'
 D = 5°-00'
 T = 286.3
 L = 561.0
 S.E. = 0.07 FT./FT.
 R = 1146.0'
 CB = 574021'30"E
 CL = 555.46'

NET LENGTH OF CENTERLINE STA. 60+00 TO 87+24.6 = 2737 LIN. FT.

C = 52 C.Y.
 S.G.F. = 2345 C.Y.
 F = 975 C.Y.
 BALLAST = 1844 C.Y. @ 30% SHG.
 BALLAST = 700 C.Y. @ 25% SHG.

C = 1119 C.Y.
 S.G.F. = 1344 C.Y.
 F = 861 C.Y. @ 30% SHG.
 BALLAST = 1075 C.Y. @ 25% SHG.

C = 860 C.Y.
 S.G.F. = 992 C.Y.
 F = 658 C.Y. @ 30% SHG.
 BALLAST = 794 C.Y. @ 25% SHG.



STA. 62+00
30" x 44" CULV. PIPE REQ'D.

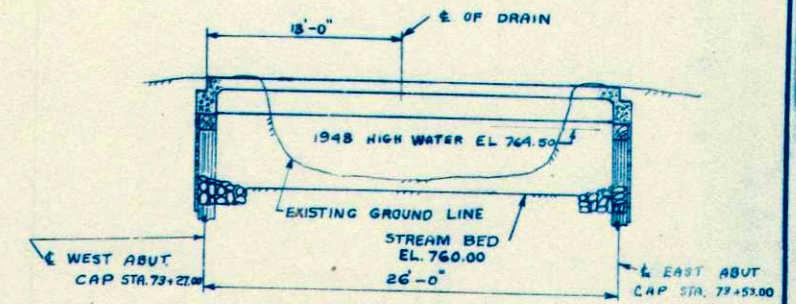
STA. 70+45
24" x 40" CULV. PIPE REQ'D.

STA. 73+40 B-32-10
1-25' TR. TIMBER I-BEAM SPAN REQ'D.
22' CLEAR RDWY.
SEE DRWG. X-12860 - X-12861

DATE: 11-22-78
 DRAWN BY: ZLC
 CHECKED BY: ZLC
 IN CHARGE: ZLC

DATE: 11-22-78
 DRAWN BY: ZLC
 CHECKED BY: ZLC
 IN CHARGE: ZLC

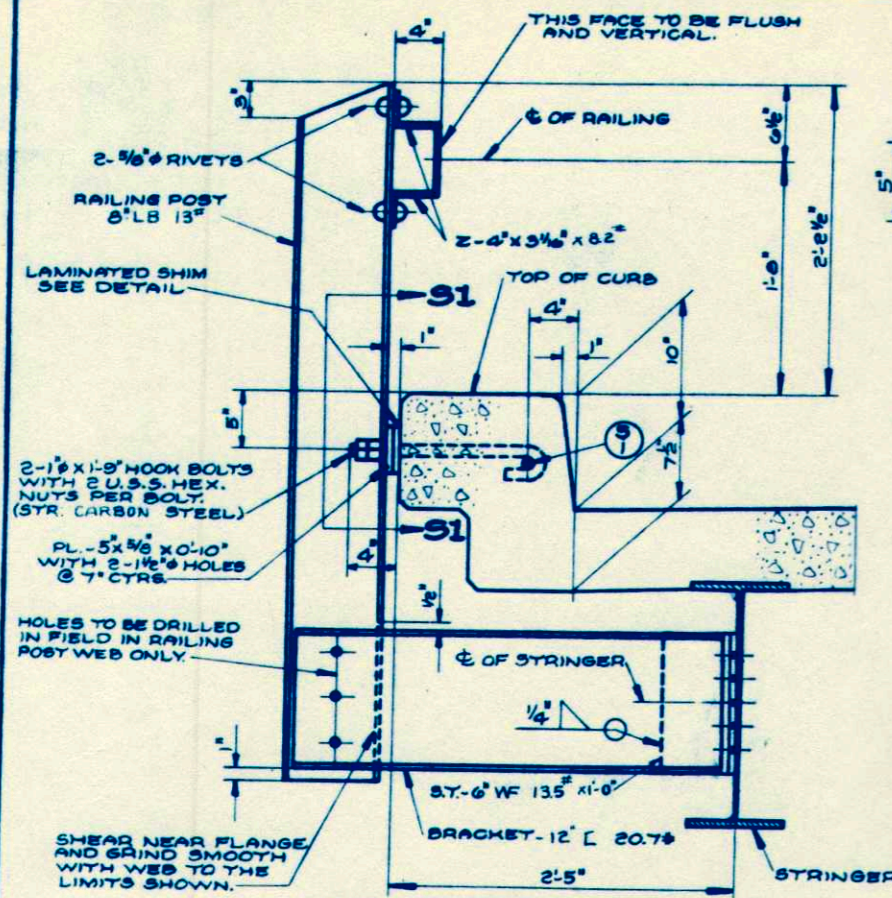
COUNTY AND HIGHWAY	ROUTE AND SECTION	CLASS AND AGREEMENT	FEDERAL DIVISION OFFICE	SHEET NUMBER	TOTAL SHEETS
32.6	123.0	11.5	WIS. 5N	10	26



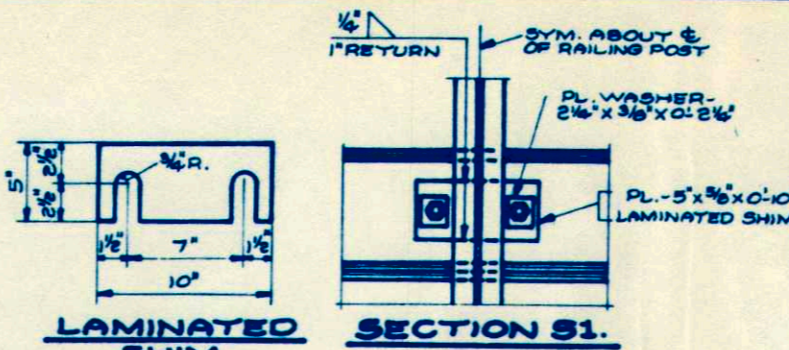
SECTION ALONG & OF ROADWAY

TABLE OF ELEVATIONS.

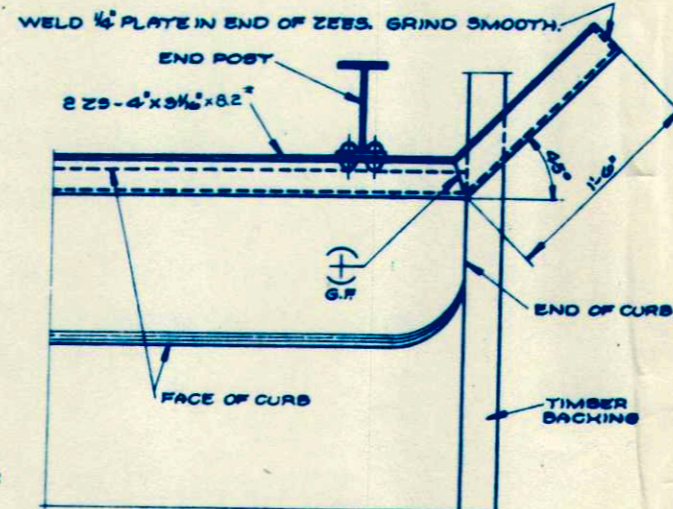
UNIT	ELEVATION AT		
	& OF ROADWAY	TOP OF CURB	TOP OF PILE
EAST ABUTMENT CAP	767.00	767.69	768.78
WEST ABUTMENT CAP	767.00	767.69	768.78



SECTION THRU RAILING.



LAMINATED SHIM. SECTION S1.



END DETAILS.

RAILING DETAILS.

GENERAL NOTES.

DRAWINGS SHALL NOT BE SCALED.
 ALL CONCRETE MASONRY SHALL BE GRADE "AA" LEVEL ALL EXPOSED EDGES OF CONCRETE 1" UNLESS OTHERWISE SPECIFIED.
 BAR STEEL REINFORCEMENT IMBEDMENT DIMENSIONS APPLY TO FACE OF BAR UNLESS OTHERWISE SHOWN.
 BAR STEEL REINFORCEMENT IN FLOOR SHALL BE CUT OFF AT FLOOR DRAINS.

PILES SHALL BE TREATED TIMBER PILING 30'-0" LONG AND SHALL BE DRIVEN TO A MINIMUM BEARING VALUE OF 20 TONS PER PILE.
 EXCAVATED VOLUME NOT OCCUPIED BY THE NEW STRUCTURE SHALL BE BACKFILLED 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."

THE 3" X 10" BULKHEAD PLANK IN THE BODY OF THE ABUTMENTS MAY BE SPLICED. SPLICES MUST BE AT & OF PILES AND MUST BE STAGGERED IN ADJACENT PLANKS.
 THE FRONT FACES OF THE ABUTMENTS SHALL BE RIPRAPPED AS SHOWN IN SECTION S2. AFTER THE FILL IS IN PLACE, THE SLOPE OF THE FILL AROUND THE ENDS OF THE WINGS SHALL BE RIPRAPPED TO A MINIMUM THICKNESS OF 1'-0" AS DIRECTED BY THE ENGINEER.

ALL END RAILING POST BRACKET CHANNELS SHALL BE PLACED ON THAT SIDE OF POST TOWARD & OF SPAN IN ORDER TO FACILITATE THE DRILLING OF FIELD HOLES IN POST.
 FIELD CONNECTIONS OF RAILING POSTS TO CHANNEL BRACKETS SHALL BE 3/4" RIVETS OR TURNED BOLTS. OTHER FIELD CONNECTIONS SHALL BE MADE WITH 1/2" RIVETS OR RIBBED TIGHT-FIT BOLTS IN FULL SIZE PUNCHED HOLES.

TREATED LUMBER & TIMBER.

NOMINAL SIZE	NO. OF PIECES	LENGTH	SURFACE	GRADE	LOCATION
3' x 6"	4	5'-5"	NONE	1200#FJ&P	WING CLEAT.
	4	11'-6"	NONE	1200#FJ&P	WING CLEAT.
	4	9'-0"	NONE	1200#FJ&P	WING CLEAT.
	4	3'-0"	NONE	1200#FJ&P	BODY CLEAT.
6" x 6"	10	6'-0"	NONE	1200#FB&S	BODY CLEAT.
3' x 10"	4	2'-6"	NONE	1200#FJ&P	WING BACKING
	4	5'-0"	NONE	1200#FJ&P	WING BACKING
	4	7'-6"	NONE	1200#FJ&P	WING BACKING
	4	10'-0"	NONE	1200#FJ&P	WING BACKING
	28	12'-6"	NONE	1200#FJ&P	WING BACKING
	12	5'-0"	NONE	1200#FJ&P	BODY BACKING
	16	31'-0"	NONE	1200#FJ&P	BODY BACKING
	18' x 12"	2	24'-0"	S4S	1200#FB&S

BILL OF BARS.

NO.	MARK	SIZE	LENGTH	SPACING	LOCATION & DETAIL
2	51	8	26'-6"	SHOWN	LONG. - CURBS.
8	52	4	26'-6"	SHOWN	LONG. - CURBS & FLOOR
16	53	4	25'-0"	SHOWN	LONG. - FLOOR
36	54	4	4'-0"	1-6"	TRANS. IN CURBS. NOTE: BAR DIMENSIONS ARE OUT TO OUT.
172	55	4	25'-0"	4 1/2"	TRANS. - FLOOR.
24	56	6	5'-3"	4 1/4"	TRANS. - PAVING SUPPORT AT ABUTMENT.
25	57	6	25'-0"	1'-0"	LONG. - FLOOR

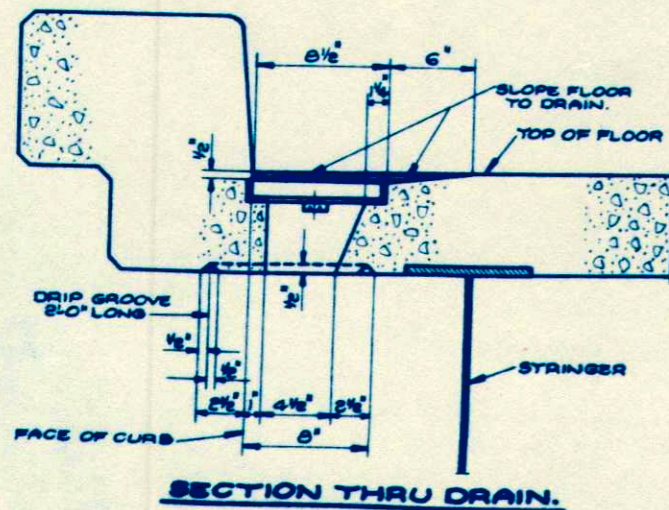
LIST OF DRAWINGS.

1 - LAYOUT-DRAINS-RAILING	X 12860
2 - ABUTMENTS	X 12861

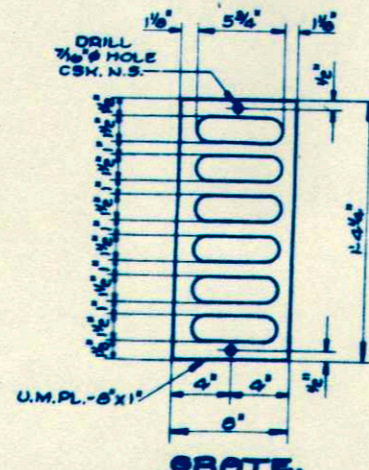
TOTAL ESTIMATED QUANTITIES.

EXCAVATION FOR STRUCTURES	100 C.Y.
SAND-GRAVEL FILL	50 C.Y.
CONCRETE MASONRY	20.4 C.Y.
BAR STEEL REINFORCEMENT	4850 LB.
STRUCTURAL CARBON STEEL	11430 LB.
SHEET ZINC	24 LB.
TREATED LUMBER AND TIMBER	3,455 M.B.M.
UNTREATED TIMBER TEST PILING (1 @ 40'-0")	1 LUMP SUM.
TREATED TIMBER PILING DELIVERED	660 L.F.
TREATED TIMBER PILING DRIVEN	550 L.F.
FLOOR DRAINS	2 EACH.
RIPRAP	20 C.Y.

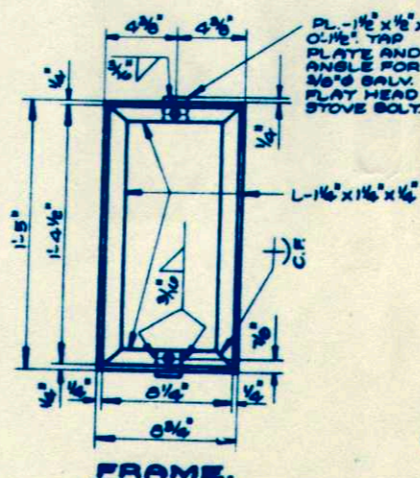
* DRIVE ONE AT LOCATION OF WEST ABUTMENT



SECTION THRU DRAIN.



GRATE.



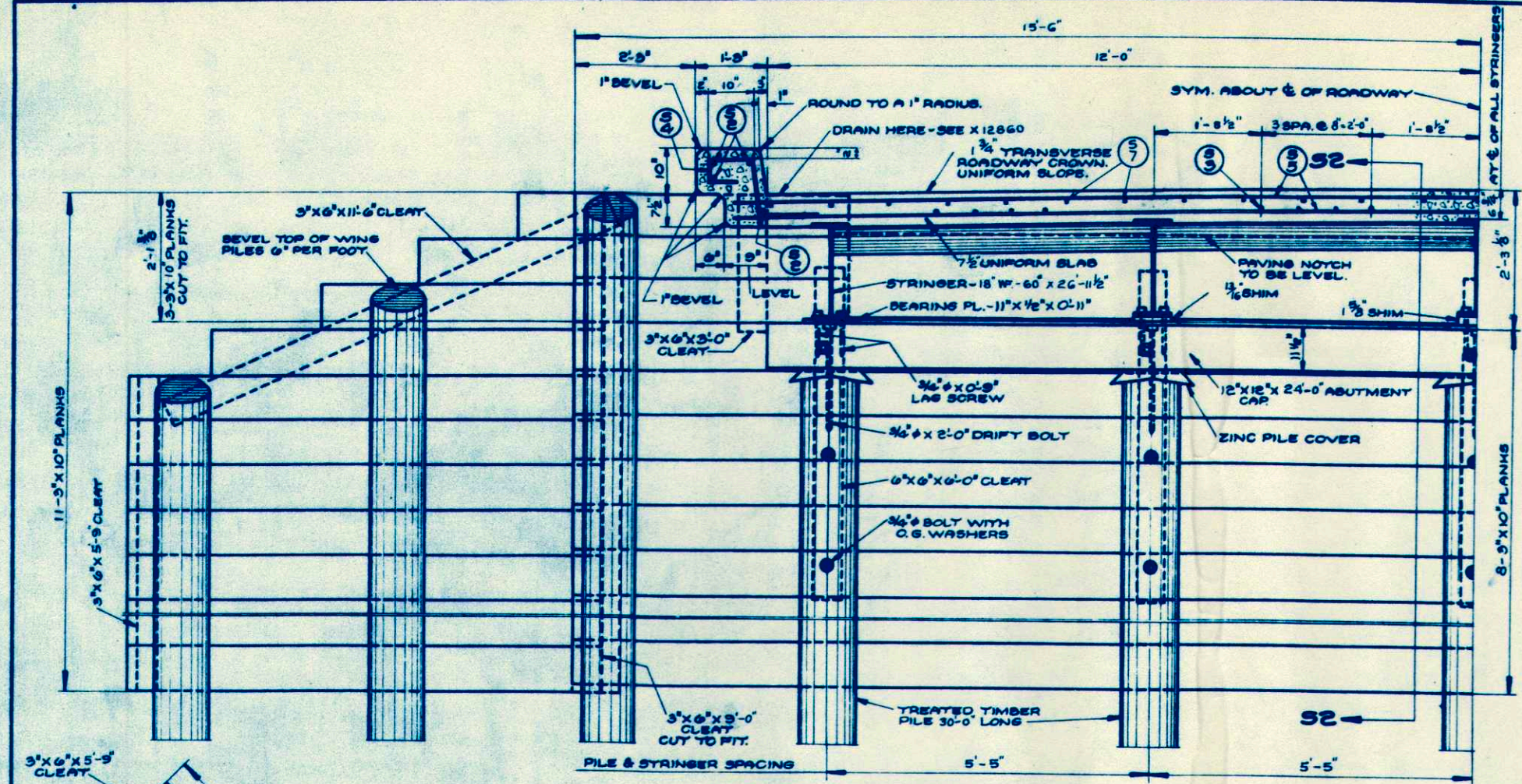
FRAME.

DRAIN DETAILS.

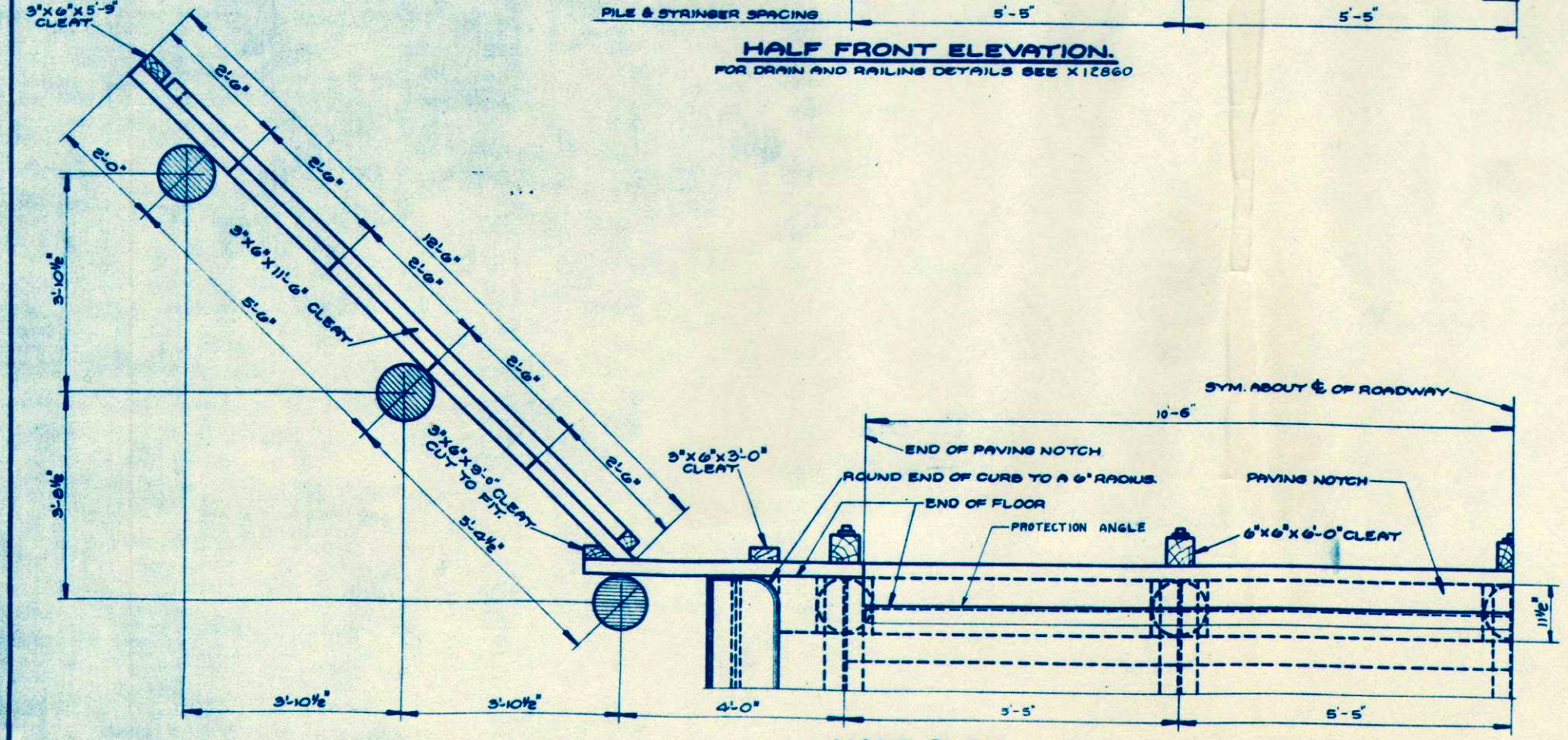
ALL PLATE CUTS SHALL BE MACHINE OR MACHINE-FLAME CUTS.
 ALL PLATE EDGES SHALL BE SMOOTH, STRAIGHT AND VERTICAL.

REVISED	STATE HIGHWAY COMMISSION OF WISCONSIN
	LAYOUT-DRAINS-RAILING
	CO. LA CROSSE TOWN GREEN FIELD STA. 73+40.00
	SECTION 28 TOWN 15 N RANGE 6W
	DATE 11-51 DRWN. L.R.J. CRD. J.W.P. SPEC. 1951 LOAD #15
	CORRECT <i>G. J. J. J.</i> BRIDGE ENGINEER
	APPROVED <i>P. L. R.</i> STATE HIGHWAY ENGINEER
	STRUCTURE B-32-10 SHEET 1 OF 2

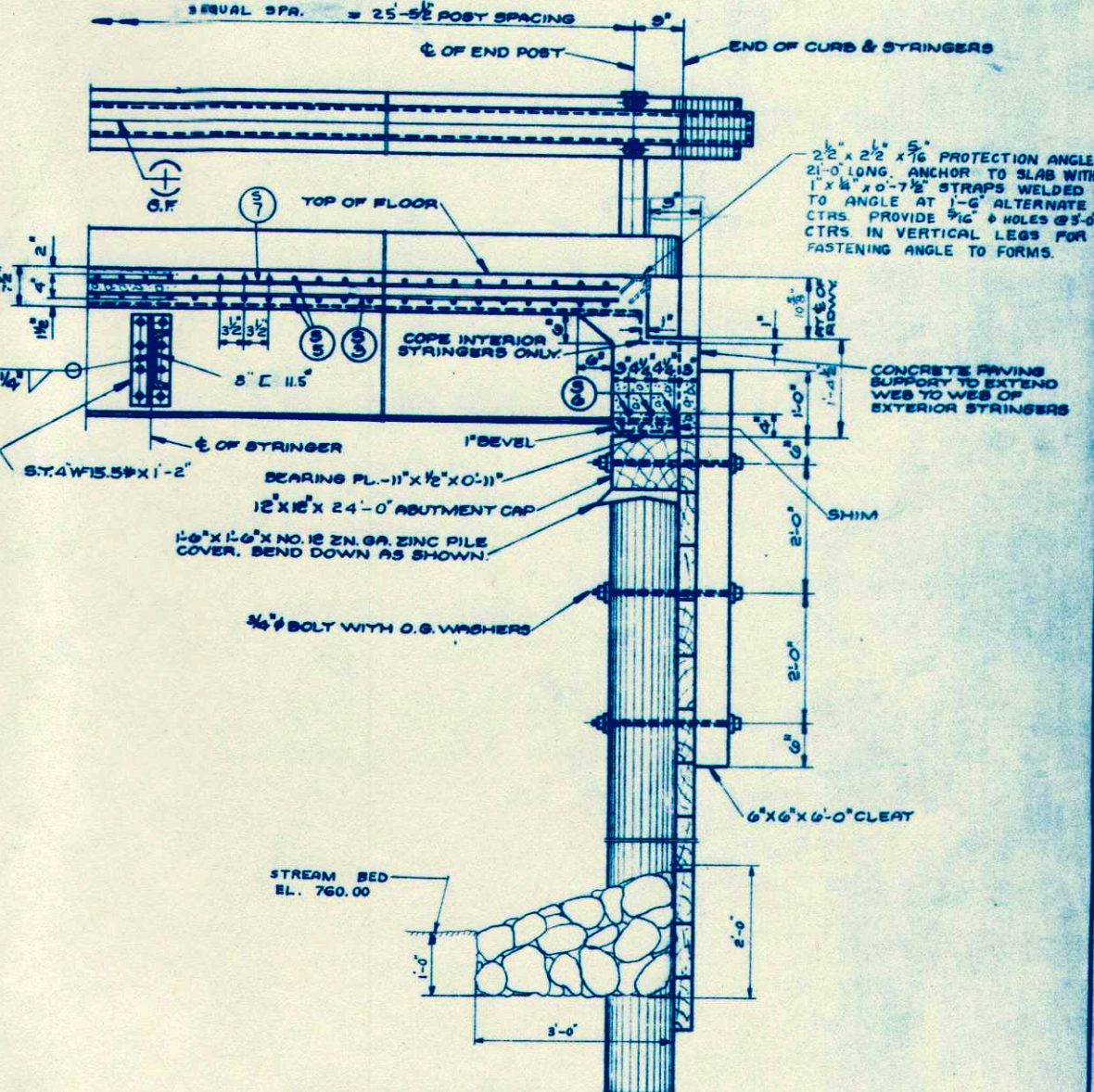
PRA DIVISION	PROJECT	SHEET NO.	TOTAL SHEETS
WIS. SN	S 0123(5)	11	26



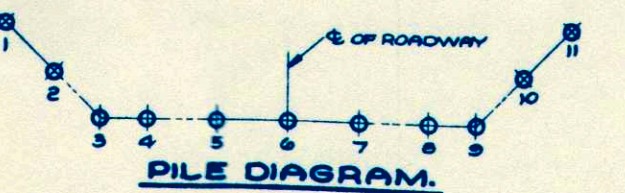
HALF FRONT ELEVATION.
FOR DRAIN AND RAILING DETAILS SEE X12860



HALF PLAN.



SECTION 52.



PILE DIAGRAM.

REVISED	STATE HIGHWAY COMMISSION OF WISCONSIN			
	ABUTMENTS			
DATE	BY	CHKD	SPEC	LEAD
8-1-51	DRWH L.B.	C.H. J.P.	1051	MIS.
STRUCTURE	B 32 10	SHEET	2 - 2	

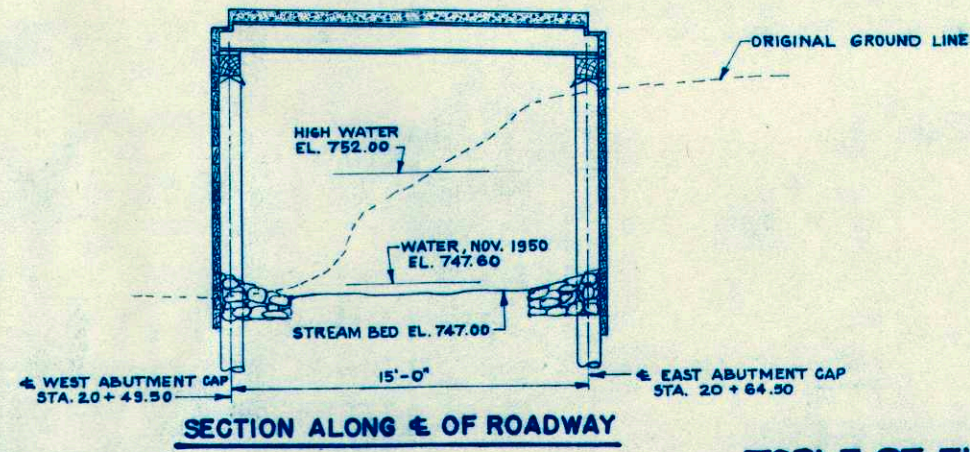
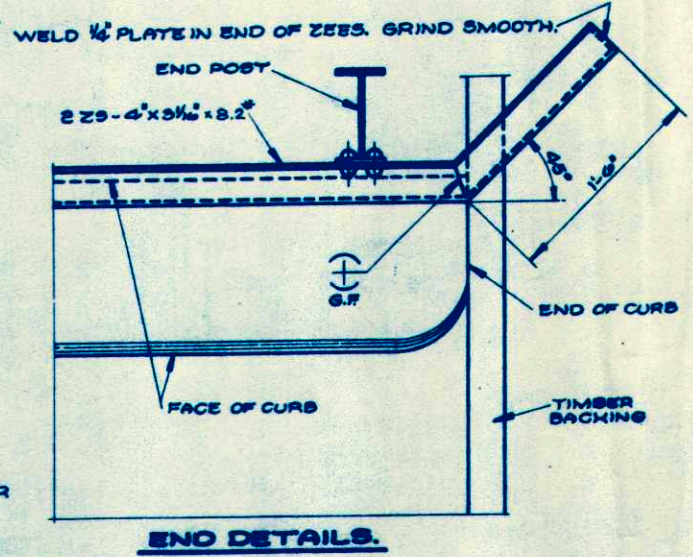
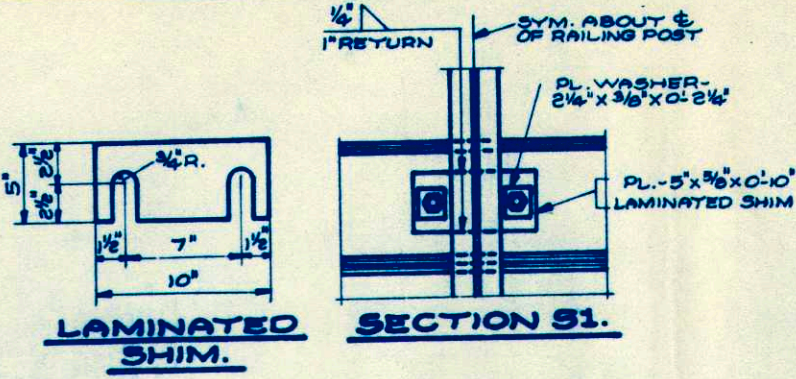
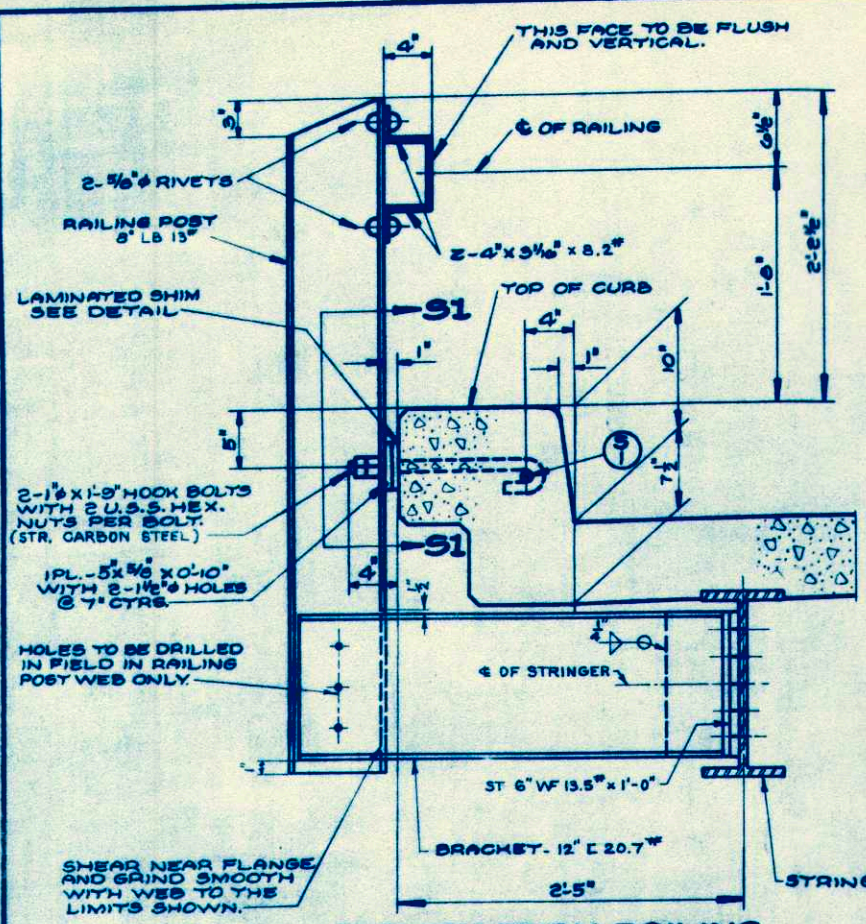


TABLE OF ELEVATIONS.

UNIT	ELEVATION AT		
	C OF ROADWAY	TOP OF CURB	TOP OF PILE
WEST ABUTMENT CAP	759.25	759.94	756.36
EAST ABUTMENT CAP	758.91	759.60	756.02

GENERAL NOTES.

DRAWINGS SHALL NOT BE SCALED.
 ALL CONCRETE MASONRY SHALL BE GRADE "AA".
 BEVEL ALL EXPOSED EDGES OF CONCRETE 1" UNLESS OTHERWISE SPECIFIED.
 FIELD CONNECTIONS OF RAILING POSTS TO CHANNEL BRACKETS SHALL BE 3/4" RIVETS OR TURNED BOLTS. OTHER FIELD CONNECTIONS SHALL BE MADE WITH RIVETS OR RIBBED TIGHT-FIT BOLTS IN FULL SIZE PUNCHED HOLES.
 BAR STEEL REINFORCEMENT IMBEDMENT DIMENSIONS APPLY TO FACE OF BAR UNLESS OTHERWISE SHOWN.
 PILES SHALL BE TREATED TIMBER PILING 25'-0" LONG AND SHALL BE DRIVEN TO A MINIMUM BEARING VALUE OF 80 TONS PER PILE.
 EXCAVATED VOLUME NOT OCCUPIED BY THE NEW STRUCTURE SHALL BE BACKFILLED 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."

THE 3"x10" BULKHEAD PLANK IN THE BODY OF THE ABUTMENTS MAY BE SPLICED. SPLICES MUST BE AT C OF PILES AND MUST BE STAGGERED IN ADJACENT PLANKS.
 THE 3"x10" BULKHEAD PLANK IN THE BODY OF THE ABUTMENTS MAY BE SPLICED. SPLICES MUST BE AT C OF PILES AND MUST BE STAGGERED IN ADJACENT PLANKS.
 ALL END RAILING POST BRACKET CHANNELS SHALL BE PLACED ON THAT SIDE OF POST TOWARD C OF SPAN IN ORDER TO FACILITATE THE DRILLING OF FIELD HOLES IN POST.
 DETAIL OF PILE SHOE SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.
 THE FRONT FACES OF THE ABUTMENT SHALL BE RIPRAPPED AS SHOWN IN SECTION 32. AFTER THE FILL IS IN PLACE, THE SLOPE OF THE FILL AROUND THE ENDS OF THE WINGS SHALL BE RIPRAPPED TO A MINIMUM THICKNESS OF 1'-0" AS DIRECTED BY THE ENGINEER.

TREATED LUMBER & TIMBER.

NOMINAL SIZE	NO. OF PIECES	LENGTH	SURFACE	GRADE	LOCATION
3"x6"	4	15'-0"	NONE	1200#FJ&P	WING CLEAT.
	4	12'-0"	NONE	1200#FJ&P	WING CLEAT.
	4	11'-6"	NONE	1200#FJ&P	WING CLEAT.
	4	3'-0"	NONE	1200#FJ&P	BODY CLEAT.
6"x6"	10	6'-0"	NONE	1200#FB&S	BODY CLEAT.
	12	5'-0"	NONE	1200#FJ&P	BODY BACKING
3"x8"					
	4	2'-6"	NONE	1200#FJ&P	WING BACKING
	4	5'-0"	NONE	1200#FJ&P	WING BACKING
	4	7'-6"	NONE	1200#FJ&P	WING BACKING
	4	18'-0"	NONE	1200#FJ&P	WING BACKING
3"x10"	56	12'-6"	NONE	1200#FJ&P	WING BACKING
	30	31'-0"	NONE	1200#FJ&P	BODY BACKING
12"x12"	2	24'-0"	S&S	1600#FB&S	ABUTMENT CAP

BILL OF BARS.

NO.	MARK	SIZE NO.	LENGTH	SPACING	LOCATION & DETAIL
2	S1	8	15'-6"	SHOWN	LONG.-CURBS.
8	S2	4	15'-6"	SHOWN	LONG.-CURBS & FLOOR
25	S3	6	14'-6"	1-0	LONG.-FLOOR
22	S4	4	4'-0"	1-0	TRANS. IN CURBS.
100	S5	4	25'-0"	SHOWN	TRANS.-FLOOR.
24	S6	6	5'-3"	SHOWN	TRANS.-RAVINE SUPPORT AT ABUTMENT.
16	S7	4	14'-6"	SHOWN	LONG.-FLOOR

LIST OF DRAWINGS.

1 - DETAILS X 12851
 2 - DETAILS X 12852

TOTAL ESTIMATED QUANTITIES.

EXCAVATION FOR STRUCTURES	95 C.Y.
SAND-GRAVEL FILL	60 C.Y.
CONCRETE MASONRY	12.3 C.Y.
BAR STEEL REINFORCEMENT	2780 LB.
STRUCTURAL CARBON STEEL	4950 LB.
SHEET ZINC	24 LB.
TREATED LUMBER AND TIMBER	5.45 M.B.M.
UNTREATED TIMBER TEST PILING (1 @ 35'-0")	1 LUMP SUM.
TREATED TIMBER PILING DELIVERED	550 L.F.
TREATED TIMBER PILING, DRIVEN	330 L.F.
PILE SHOES	22 EACH
RIPRAP	20 C.Y.

* DRIVE ONE AT LOCATION OF WEST ABUTMENT

REVISED _____ STATE HIGHWAY COMMISSION OF WISCONSIN

DETAILS

CO. LA CROSSE DIST. GREENFIELD STA. 20+57.00

SECTION 26 TOWN 15 N. RANGE 6 W.

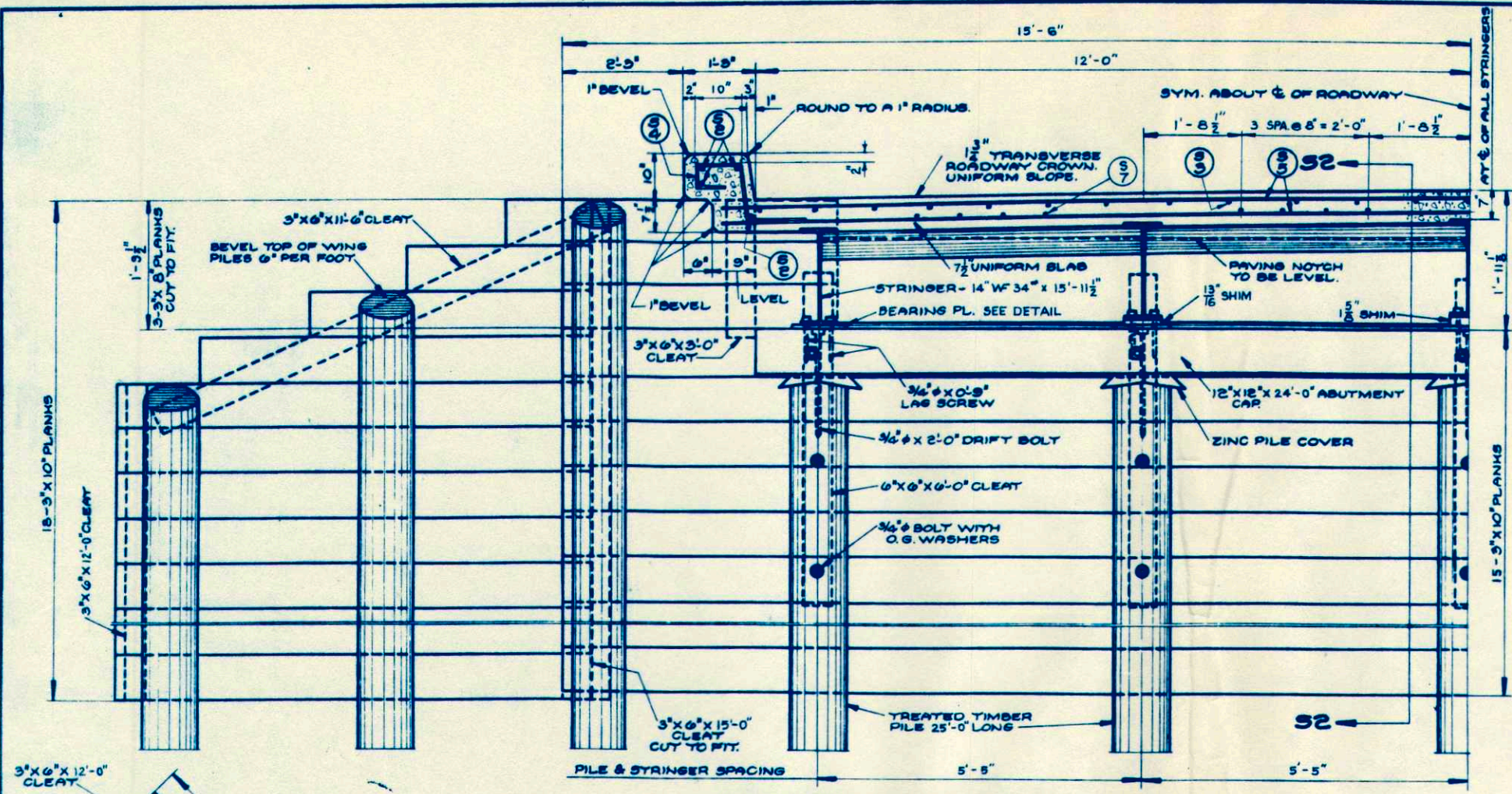
DATE 4-23-51 DRAWN BY G. J. KISH (S.D. 7-2) SPEC. 1951 LOAD 11-15

CORRECT G. J. KISH BRIDGE ENGINEER

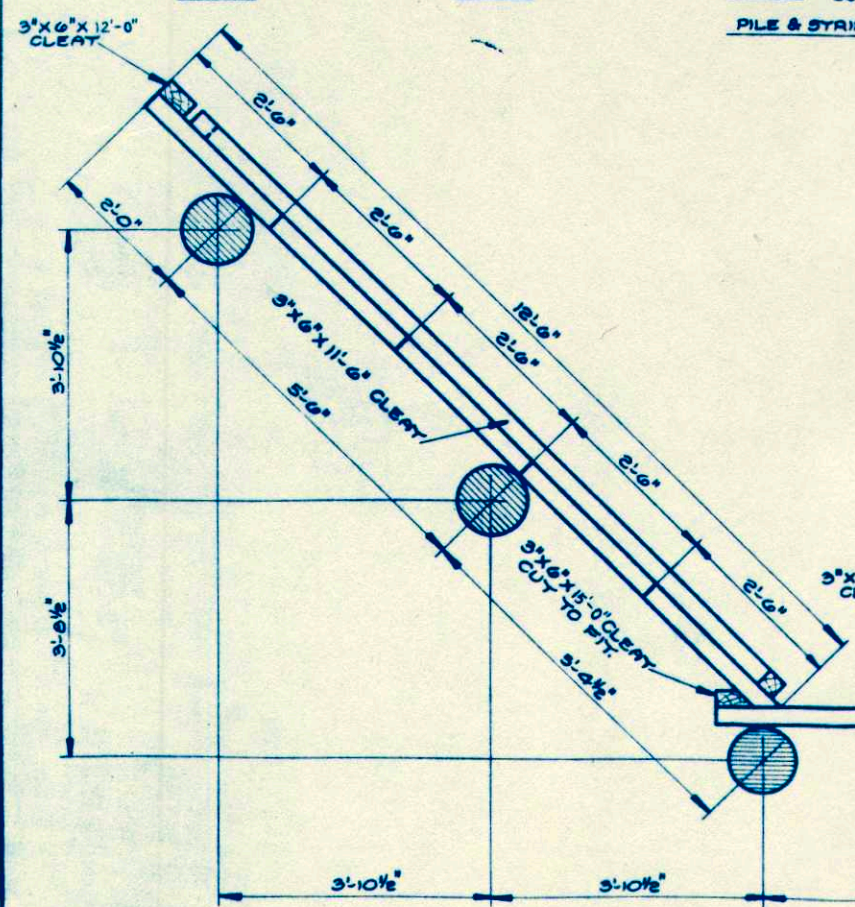
APPROVED P. C. BOSTON STATE HIGHWAY ENGINEER

STRUCTURE C-32-15 SHEET 1 OF 2

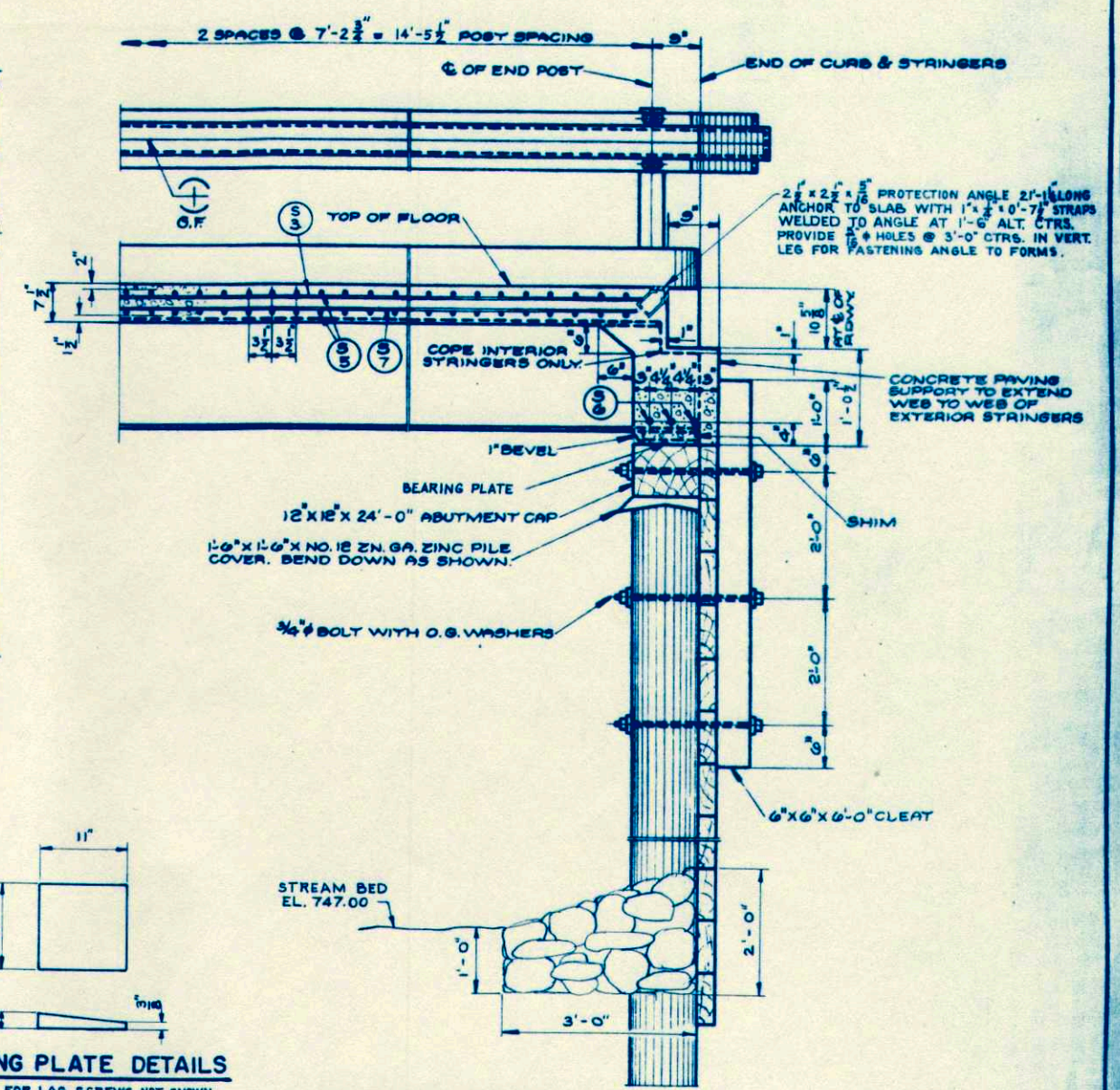
B. P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
5 N.	S 0123(5)	13	26



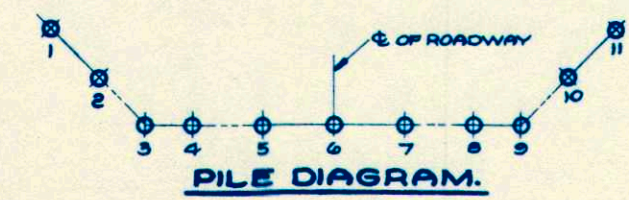
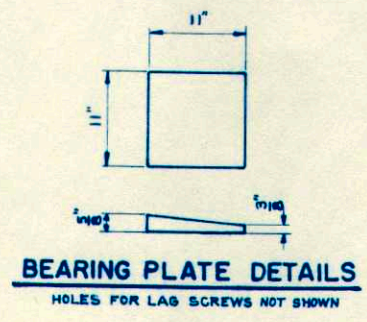
HALF FRONT ELEVATION.
FOR RAILING DETAILS SEE X12851



HALF PLAN.



SECTION 52.

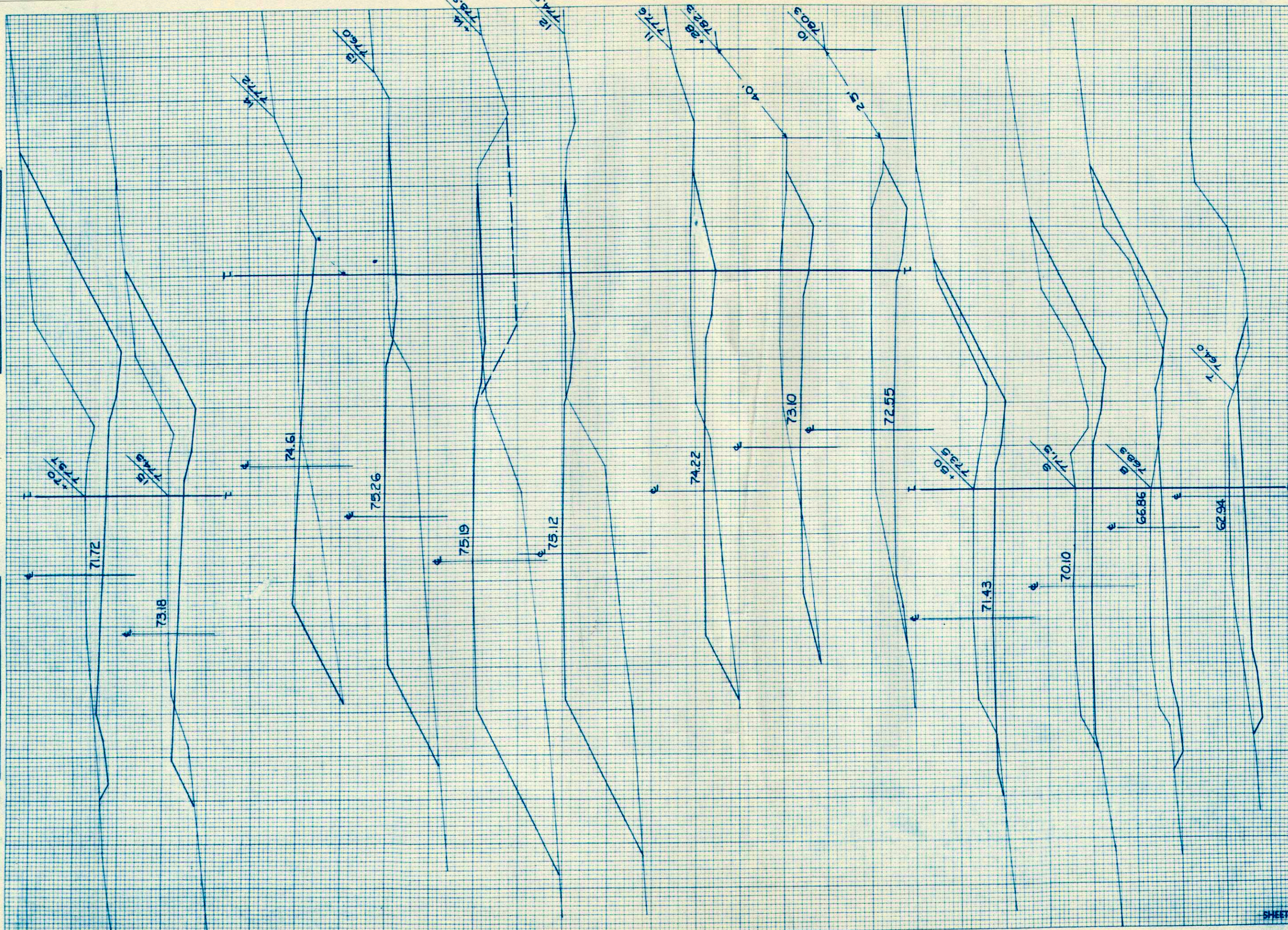


STATE HIGHWAY COMMISSION OF WISCONSIN			
DETAILS			
DATE 4-23-51	DESIGNED BY Mer	CHECKED BY J. J.	SCALE 1/8" = 1'-0"
STRUCTURE C-32-15	SHEET 2 OF 2		

X12852

FINAL SURVEY
 SURVEYED BY _____ DATE _____
 PLOTTED BY _____
 NOTE BOOK NO. _____
 AREA CHECKED _____

ORIGINAL SURVEY
 SURVEYED BY _____ DATE _____
 PLOTTED BY _____
 NOTE BOOK NO. _____
 AREA CHECKED _____

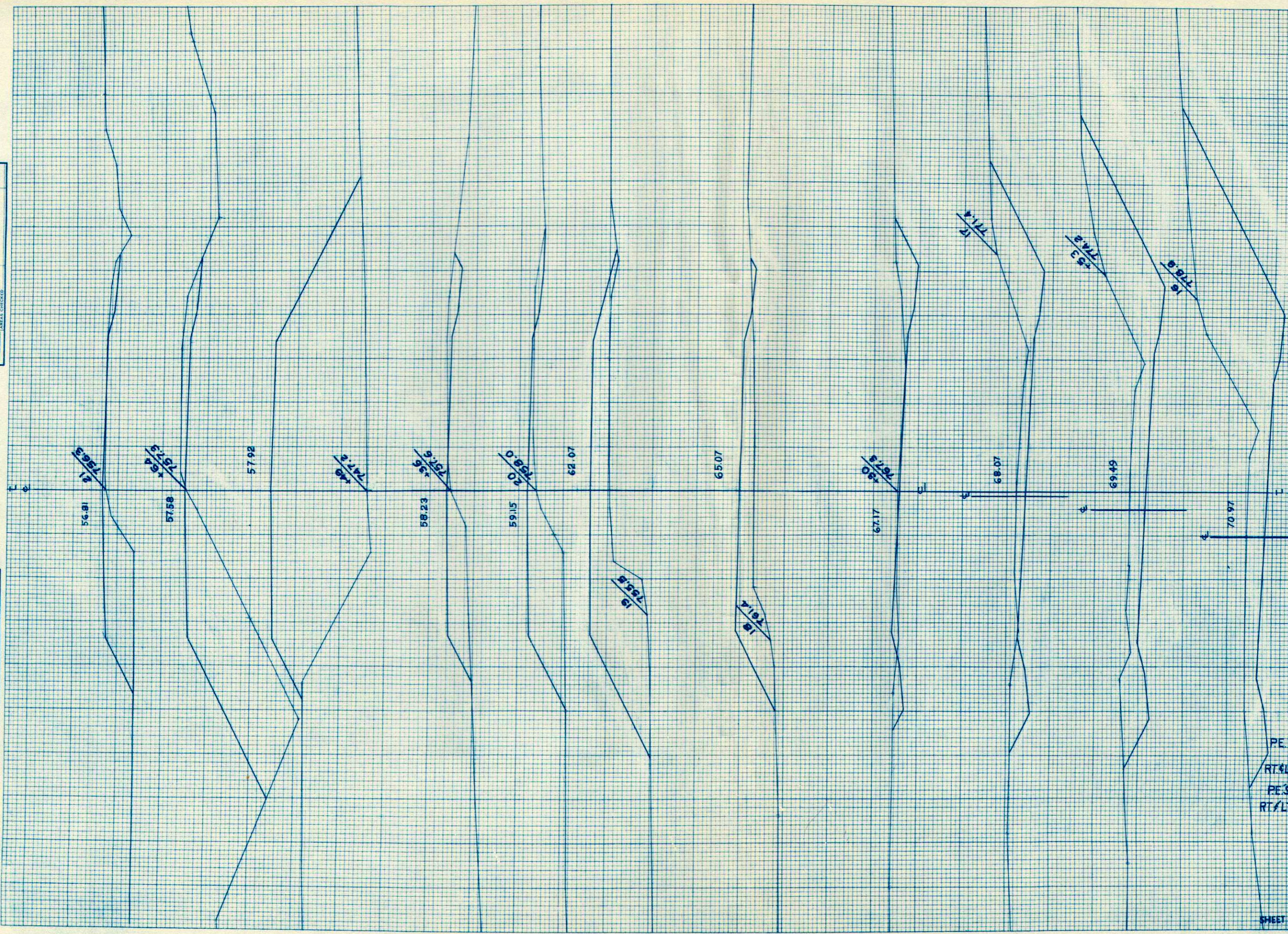


STATION	DISTANCE	YARDAGE		
		EXCAVATION		FILL
		COMMON	BALLAST	
7				
8	252		84	17
9	367		84	6
+50	198		42	2
10	194		42	2
+28	98		24	4
11	157		60	80
12	81		84	552
+14	12		10	117
13	19		71	695
14	56		84	443
15	219		84	152
+70	360		59	20
SHEET TOTAL		2033		728 2096

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	50123(S)	15	26

FINAL SURVEY
 REVISIONS
 DATE
 BY
 NOTE BOOK AREA
 TEMPLATE AREA
 CHECKER AREA

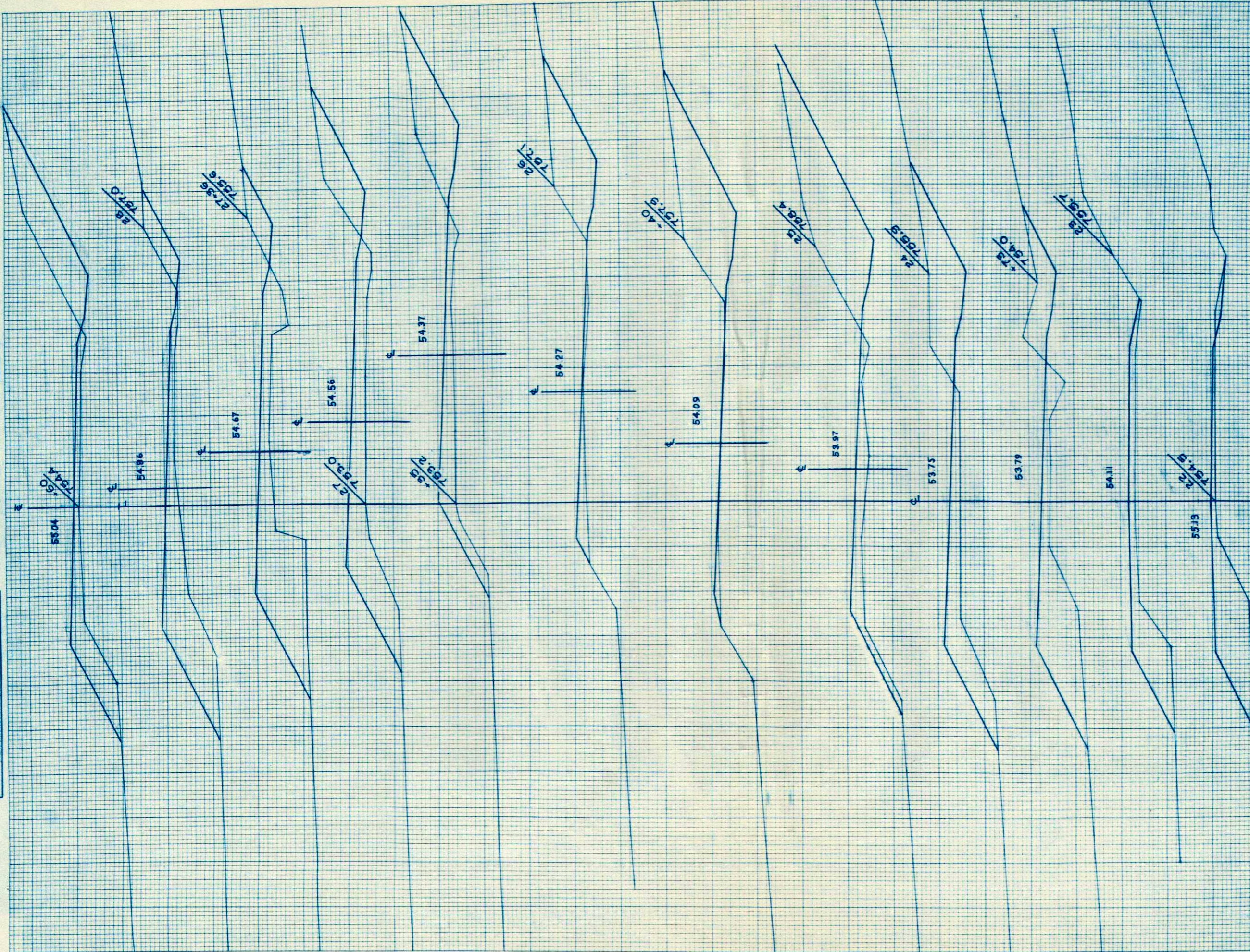
ORIGINAL SURVEY
 REVISIONS
 DATE
 BY
 NOTE BOOK AREA
 TEMPLATE AREA
 CHECKER AREA



STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
		COMMON	BILLAST
+70			
16	269	25	0
+50	443	45	0
17	248	40	0
+30	74	25	2
18	43	59	109
+18	4	84	441
19	9	84	435
+20	13	30	78
+36	4	11	119
+49	0		0
+64	17	29	159
21	BRIDGE 20+57	8	
PE'S 17			115
RT./LT. 9/			
PE'S 20			130
RT./LT. 80			
SHEET TOTAL	1124	432	1588

FINAL SURVEY SURVEYED, PLOTTED, NOTE BOOK, TEMPLATE AREAS CHECKED BY DATE

ORIGINAL SURVEY SURVEYED, PLOTTED, NOTE BOOK, TEMPLATE AREAS CHECKED BY DATE

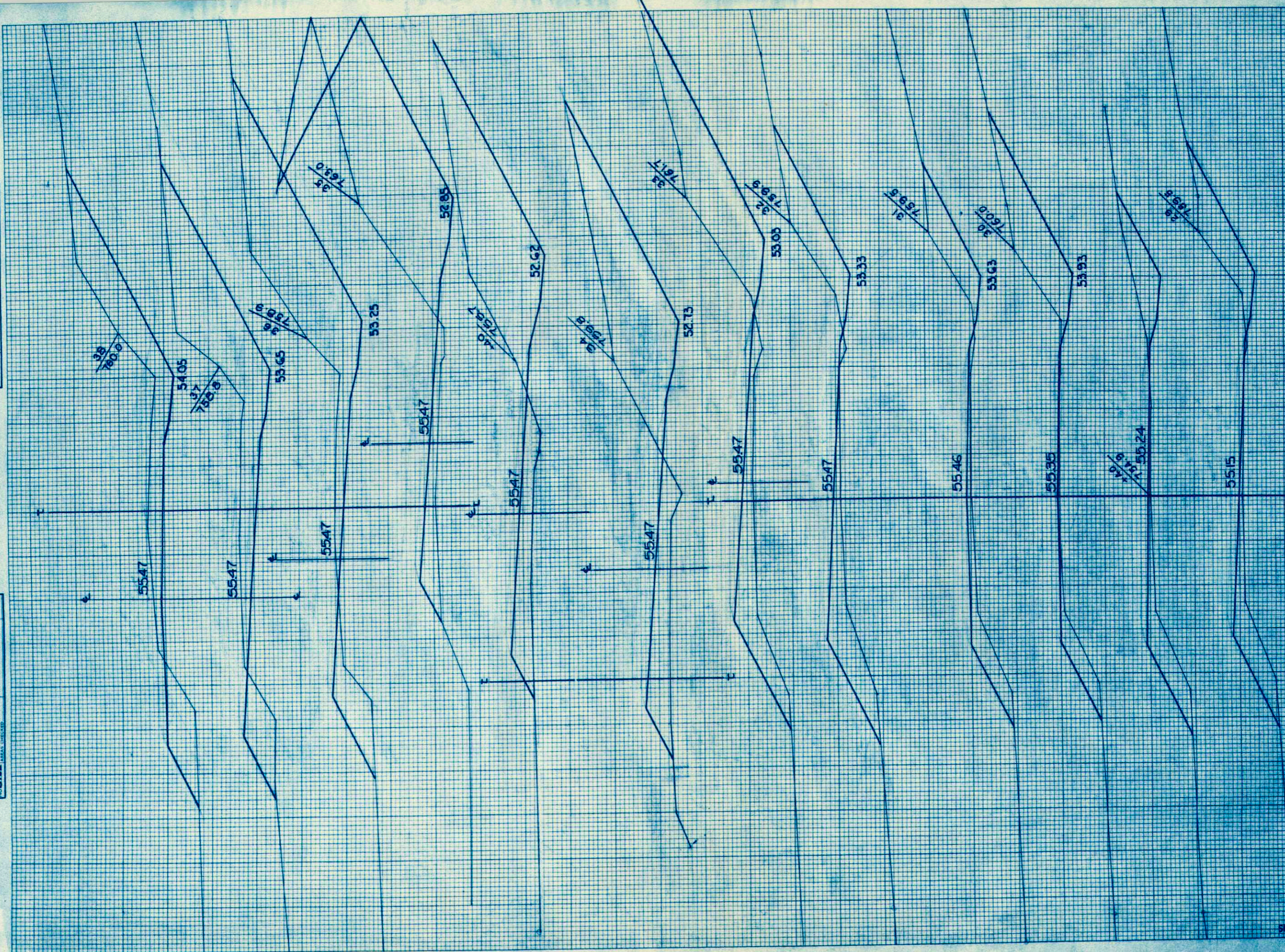


P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. SN	50123(5)	16	26

STATION	DISTANCE	EXCAVATION		TOTAL
		COMMON	BALANCE	
21				
22	17		84	215
25	6		84	219
+73	41		61	185
24	44		23	70
25	306		84	178
+40	139		34	30
26	152		50	24
+35	65		28	41
27	98		53	161
+36	33		30	135
28	35		54	237
+60	87		54	152
SHEET TOTAL		1023	635	1647

FINAL SURVEY BY DATE
 SURVEYED BY L.A.G.
 PLOTTED BY L.A.G.
 NOTE BOOK NO. 5782
 AREAS CHECKED

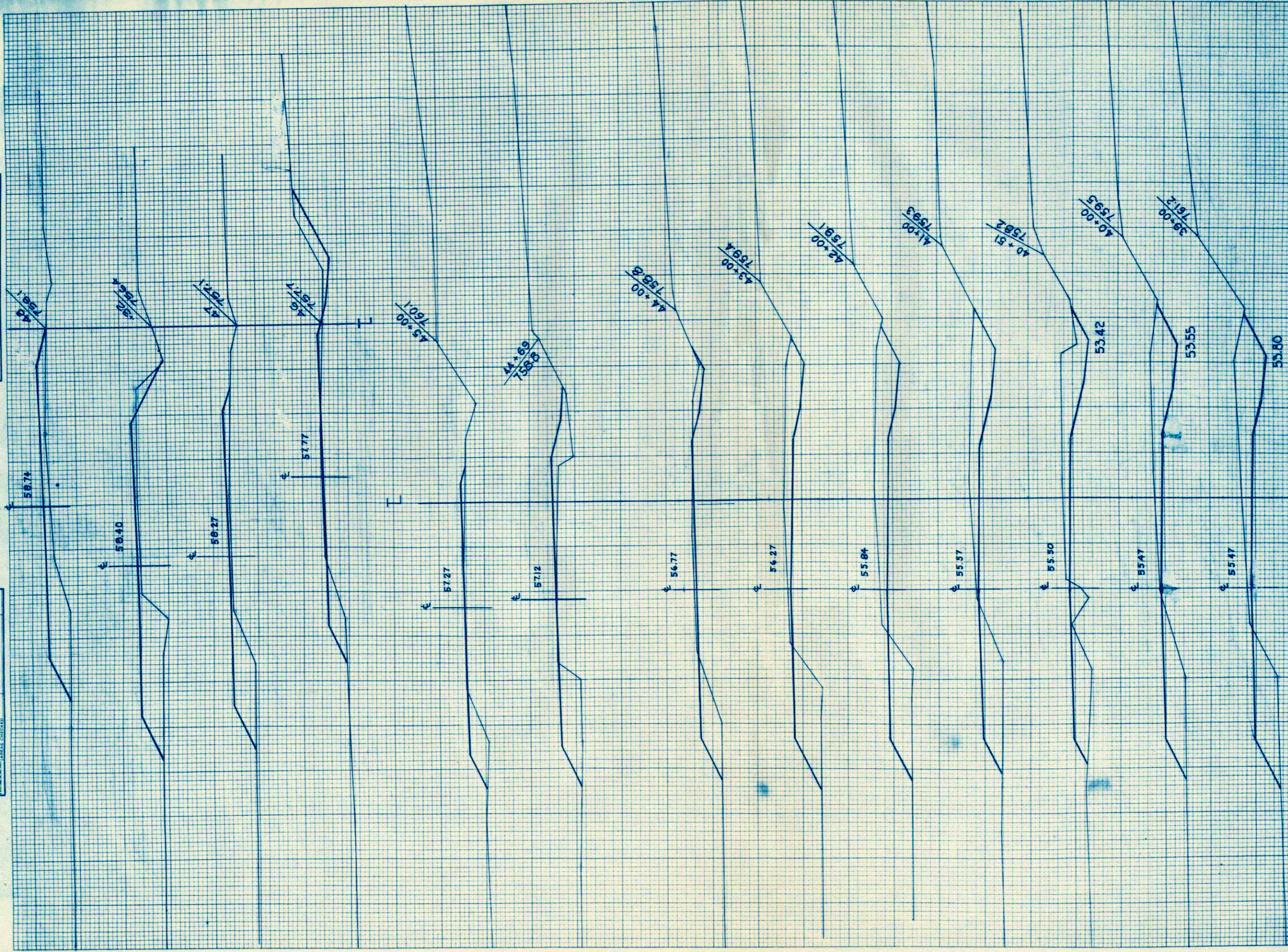
ORIGINAL SURVEY BY DATE
 SURVEYED BY L.A.G.
 PLOTTED BY L.A.G.
 NOTE BOOK NO. 5782
 AREAS CHECKED



STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
60	80	34	67
29	56	34	54
40	107	50	57
30	109	84	56
31	133	84	170
32	315	84	226
33	530	85	228
34	228	31	76
40	485	48	33
35	500	65	124
36	676	84	111
37	528	84	115
38			
FE 29			25
FE 30	32		
SP 34			140
LT 28			
FE 33			30
LT 30			
SHEET TOTAL	4200	767	1612

FINAL SURVEY SURVEYED BY DATE
 SURVEY PLOTTED BY
 NOTE BOOK NO. 6782
 AREAS CHECKED

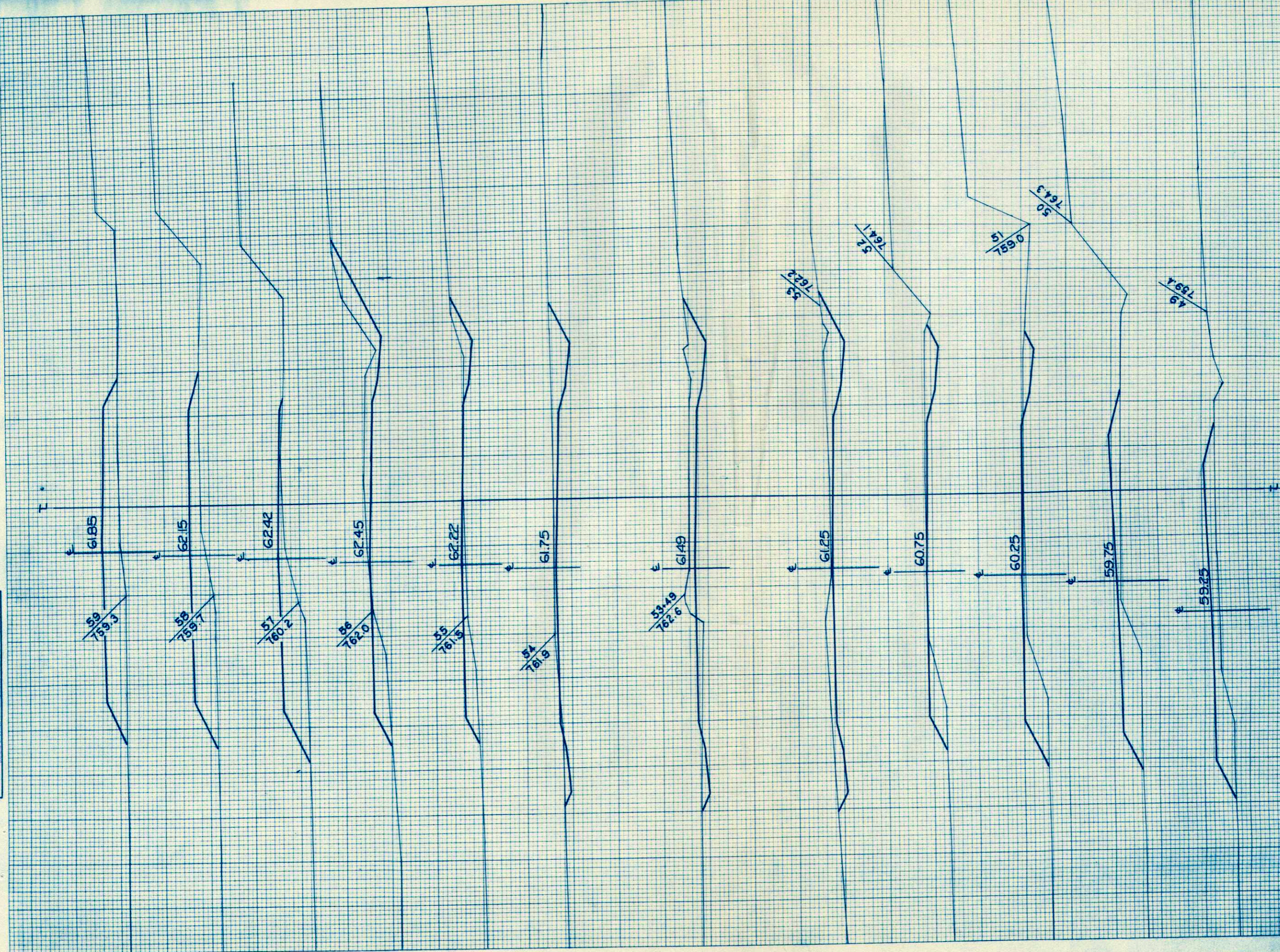
ORIGINAL SURVEY SURVEYED BY DATE
 SURVEY PLOTTED BY L.A.G.
 NOTE BOOK NO. 6782
 AREAS CHECKED



STATION	DISTANCE	YARDAGE		
		EXCAVATION		
		COMMON	BALLAST	FILL
38				
	309	84	120	
39				
	174	84	117	
40				
	74	43	54	
+51				
	76	41	48	
41				
	172	84	102	
42				
	152	84	111	
43				
	81	84	93	
44				
	15	58	80	
+69				
	2	26	35	
45				
	35	84	57	
46				
	31	84	87	
47				
	4	22	37	
+32				
	7	57	111	
48				
FE 46				
LT 40				45
PE 46				
RT 54				25
SHEET TOTAL	1132	835	1122	

FINAL SURVEY
 SURVEYED BY: _____
 PLOTTED BY: _____
 NOTE BOOK NO. _____
 TEMPLATE NO. _____
 AREAS CHECKED: _____

ORIGINAL SURVEY
 SURVEYED BY: _____
 PLOTTED BY: L.A.G.
 NOTE BOOK NO. 8782
 TEMPLATE NO. _____
 AREAS CHECKED: _____

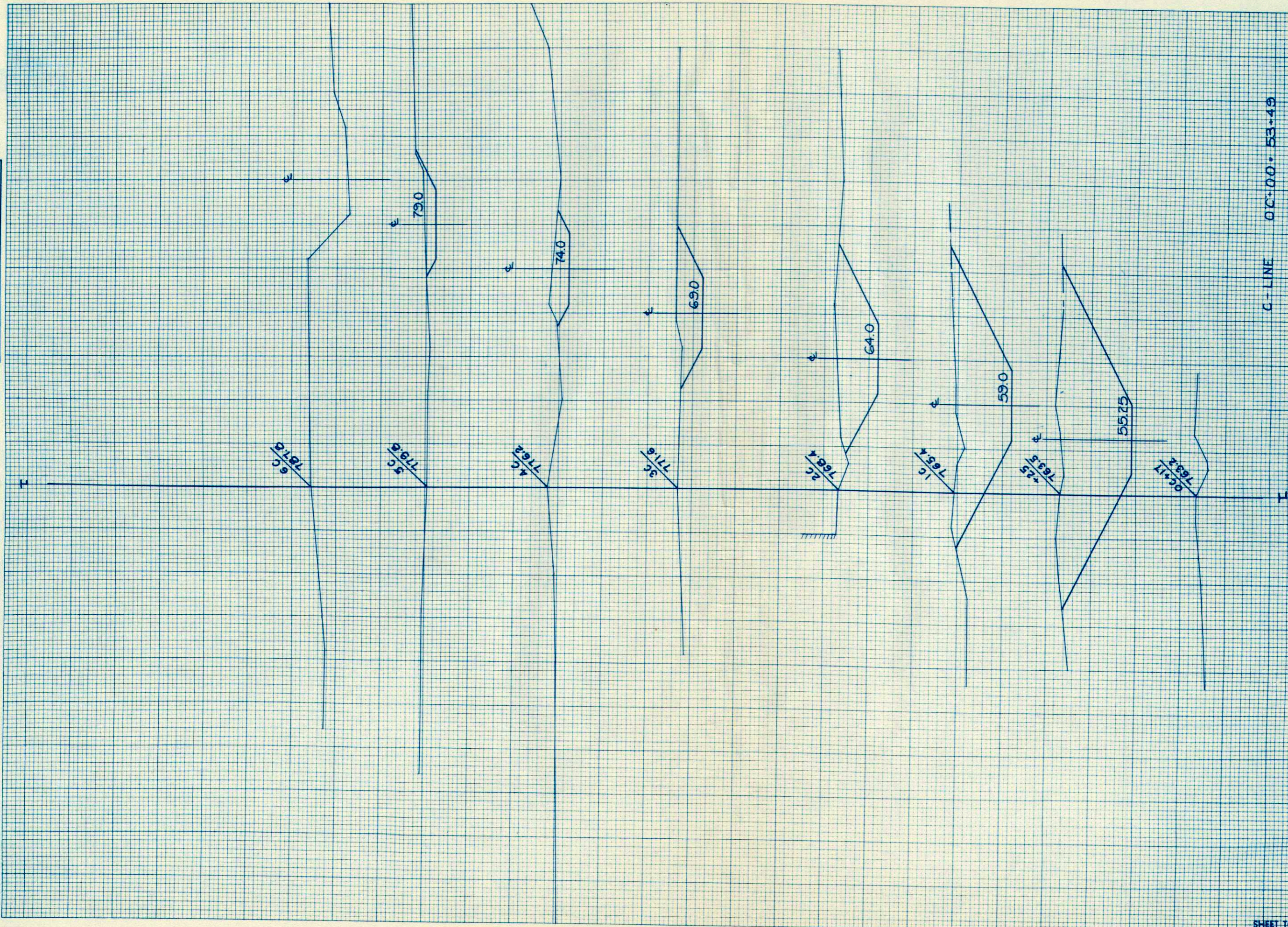


STATION	DISTANCE	YARDAGE		
		EXCAVATION		
		COMMON	BALLAST	FILL
48		0	84	170
49		0	84	180
50	15		84	148
51	41		84	81
52	107		84	28
53	76		41	7
49	67		43	9
54	70		84	43
55	46		84	107
56	31		84	169
57	0		84	231
58	0		84	269
59				
F.E. 52				0
L.T. 50				
F.E. 53				15
R.T. 10				
RE'S 53				30
L.T./R.T. 92				
SHEET TOTAL		453	524	1487

FINAL SURVEY BY DATE
 SURVEYED BY
 PLOTTED BY
 NOTE BOOK NO. []
 AREAS CHECKED

ORIGINAL SURVEY BY DATE
 SURVEYED BY
 PLOTTED BY
 NOTE BOOK NO. []
 AREAS CHECKED

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	S0123(5)	20	26

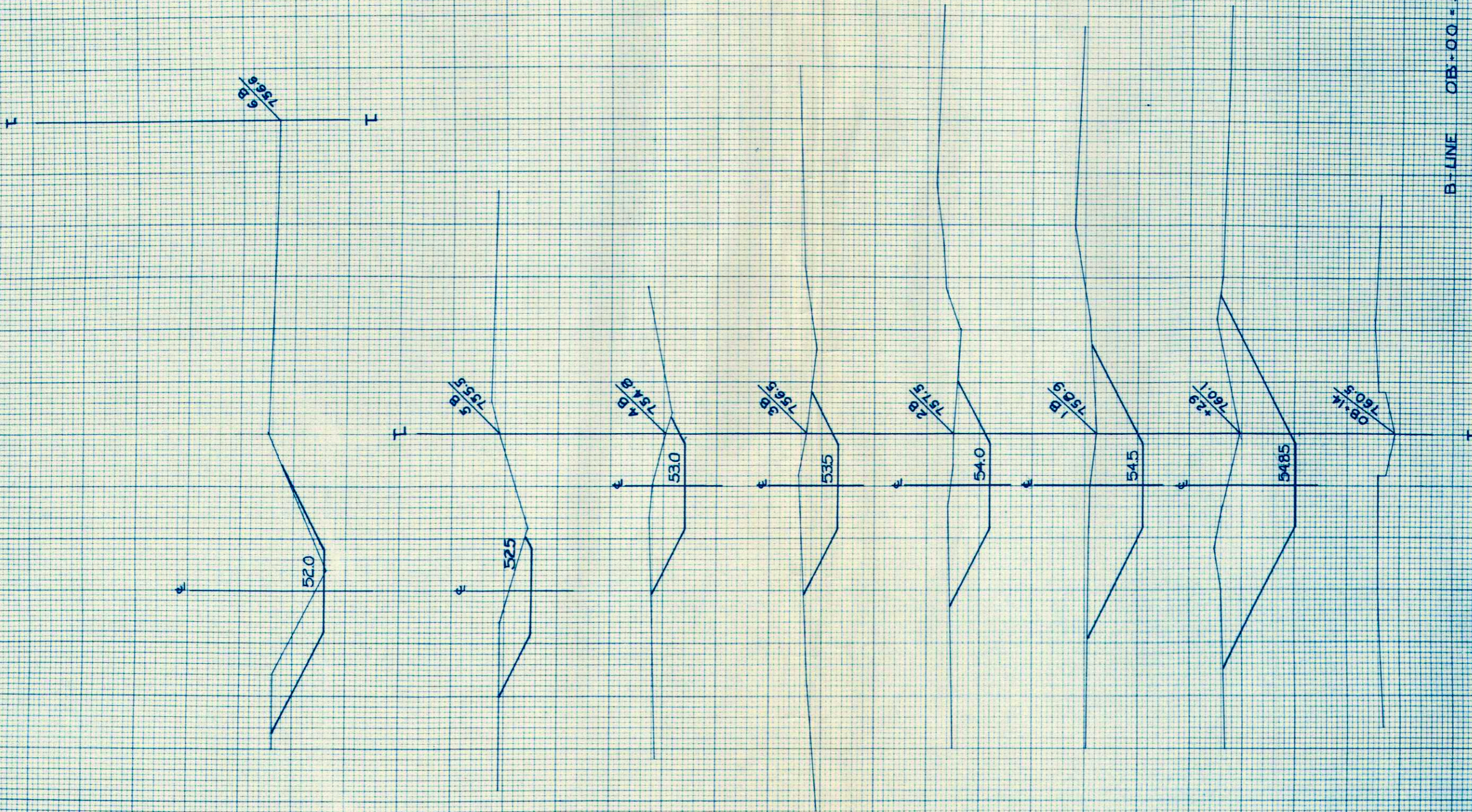


C-LINE 00+00-53+40

STATION	DISTANCE	YARDAGE		
		COMMON	EXCAVATION	FILL
00+00				
00+22		19		
00+25		452		
10+00		378		
20+00		154		
30+00		94		
40+00		63		
50+00		26		
60+00				
SHEET TOTAL		1226		

FINAL SURVEY SURVEYED BY DATE
 PLOTTED BY
 NOTE BOOK NO. AREA CHECKED

ORIGINAL SURVEY SURVEYED BY DATE
 PLOTTED BY
 NOTE BOOK NO. AREA CHECKED

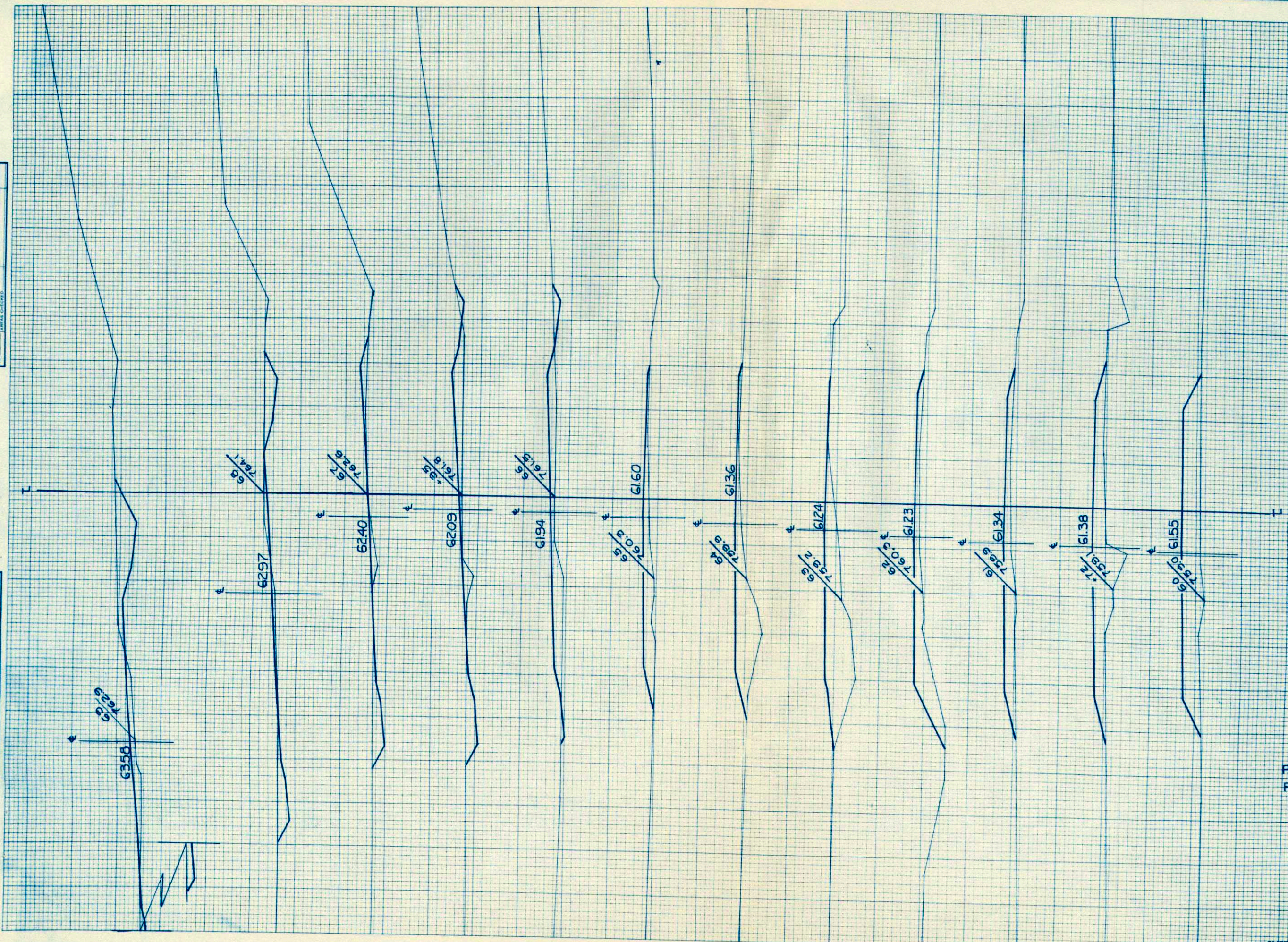


B+LINE OB+00 - 53+49

STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
0+00			
0+22			
0+00	41		
0+29	304		
1+00	267		
2+00	189		
3+00	154		
4+00	111		
5+00	101		
6+99			
SHEET TOTAL		1167	

FINAL SURVEY
 SURVEYED BY: [Signature]
 DATE: [Blank]
 NOTE BOOK NO. [Blank]
 AREA SHEETS [Blank]

ORIGINAL SURVEY
 SURVEYED BY: [Signature]
 DATE: 1-62
 NOTE BOOK NO. [Blank]
 AREA SHEETS [Blank]

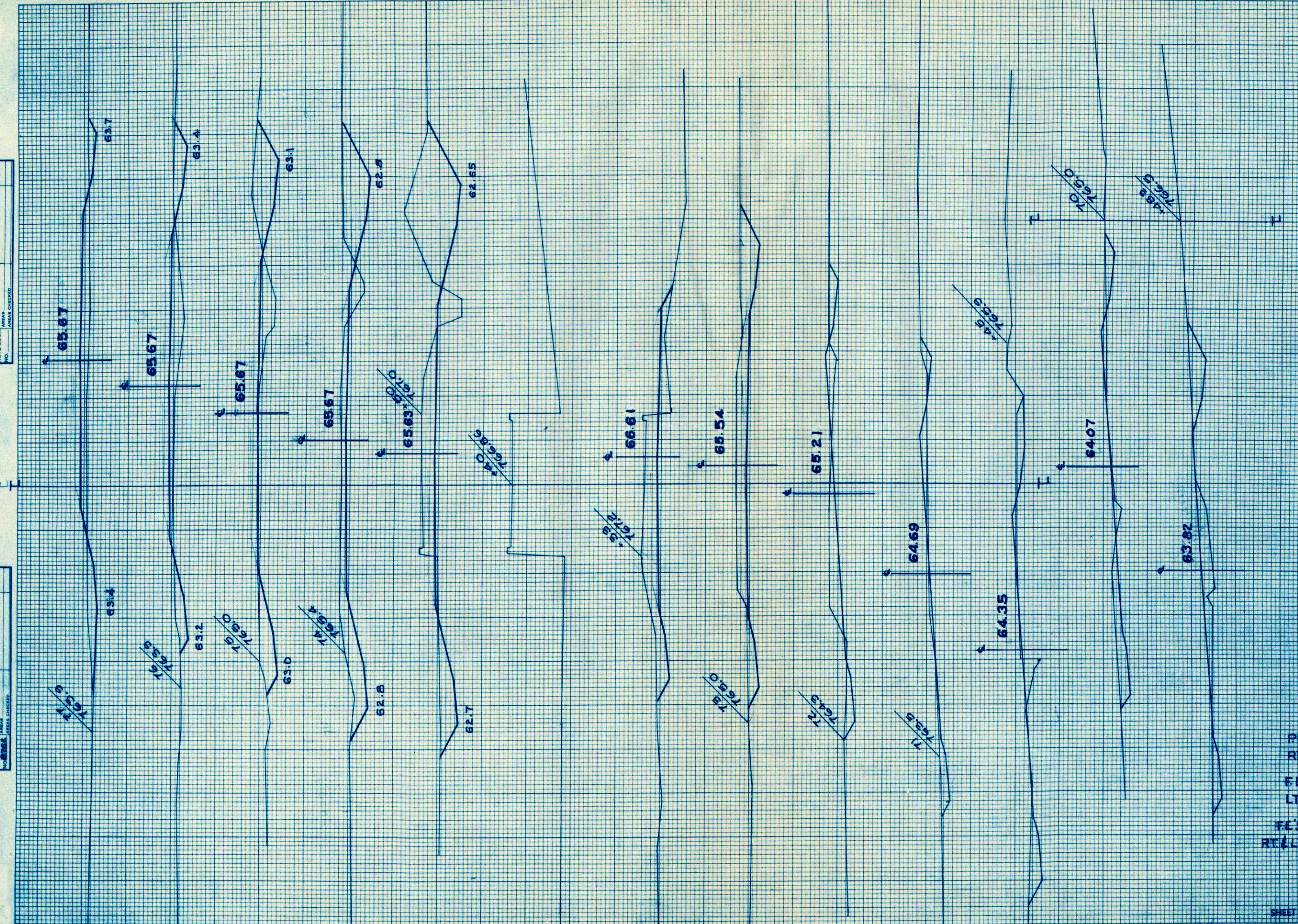


STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
		COMMON	BALLAST
59		0	84 281
60		0	59 180
+72		0	25 48
61		0	84 135
62		0	84 185
63		0	84 193
64		0	84 126
65		7	84 104
66		9	29 33
+35		24	55 33
67		52	84 20
68		87	85 30
69			
PE. 66			
RT. 30			40
SHEET TOTAL	179	84	1408

ORIGINAL SURVEY BY W.F.M. DATE 1-5-59
SURVEY PLOTTED G.L.O.
NOTE BOOK NO. 7632
TEMPLATE NO. 1786
AREAS CHECKED

FINAL SURVEY BY DATE
SURVEY PLOTTED
NOTE BOOK NO. 7632
TEMPLATE NO. 1786
AREAS CHECKED

P.R.A. DISTRICT OFFICE WIS. SN 50123(S)
PROJECT NO. 23
SHEET NUMBER 23
TOTAL SHEETS 26



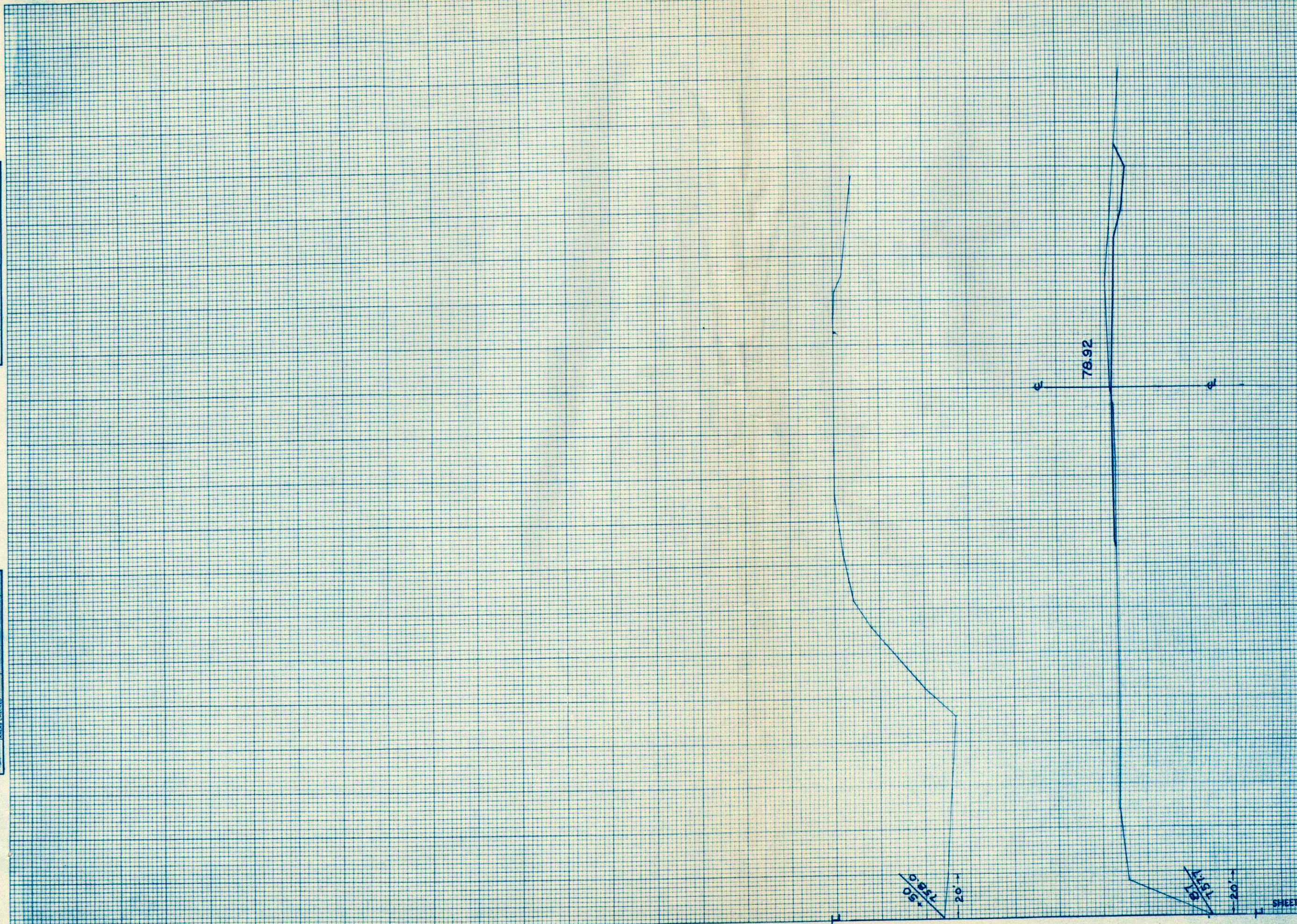
STATION	DISTANCE	YARDAGE		
		COMMON	EXCAVATION	
	BALLAST		FILL	
69				
	37		34	26
+48				
	31		36	20
70				
	28		38	13
+45				
	26		47	19
71				
	70		84	30
72				
	126		84	15
73				
	54		24	7
+33				
	0			0
+50				
	152		38	15
74				
	206		84	35
75				
	106		84	80
76				
	61		84	106
77				

PE 69 RT +50 30
FE 70 LT +63 13
FE'S 74 RT & LT +00 30

SHEET TOTAL 897 637 491

FINAL SURVEY
 SURVEYED _____
 PLOTTED _____
 NOTE BOOK _____
 NO. _____
 BY _____
 DATE _____

ORIGINAL SURVEY
 SURVEYED _____
 PLOTTED _____
 NOTE BOOK _____
 NO. _____
 BY W. F. W.
 G. L. O.
 DATE 11-20-11



STATION	DISTANCE	WARDAGE		
		COMMON	BALLAST	FILL
86+75				
87	15		21	4
87+50	15		22	41
SHEET TOTAL		30	43	45

0.851
 05+
 10.2

0.151
 15+
 20

GRADE SHEET

S0123(5) 2G-26

STAKE NO.	DISTANCE FROM STAKE TO C.L. OF NEW ROAD	DISTANCE C.L. TO SLOPE STAKE		STAKE NO.	DISTANCE FROM STAKE TO C.L. OF NEW ROAD	DISTANCE C.L. TO SLOPE STAKE		STAKE NO.	DISTANCE FROM STAKE TO C.L. OF NEW ROAD	DISTANCE C.L. TO SLOPE STAKE	
		LEFT OF C.L.	RIGHT OF C.L.			LEFT OF C.L.	RIGHT OF C.L.			LEFT OF C.L.	RIGHT OF C.L.
7	12.5 L	27	21	33	31.9 L	28	56	72	27.7 R	28	26
8	4.4 L	28	42	34	23.5 L	22	53	73	29.0 R	27	30
9	11.3 L	19	43	+40	16.8 L	21	53	+33	11.0 R	28	20
+50	14.8 L	20	41	35	26.8 L	20	62	+50	4.5 L	27	38
10	22.2 L	25	31	36	24.8 L	25	55	74	24.1 R	29	36
+28	75.1 L	25	31	37	26.0 L	23	49	75	28.2 R	35	34
11	50.0 L	24	36	38	30.0 L	24	49	76	34.3 R	29	31
12	59.0 L	35	43	39	39.0 L	23	31	77	42.4 R	35	28
+14	59.8 L	36	50	40	39.0 L	22	32	78	49.6 R	38	20
13	50.7 L	29	43	+51	37.0 L	20	31	79	54.7 R	38	19
14	39.9 L	28	29	41	38.0 L	21	31	80	56.8 R	43	20
15	15.8 L	20	42	42	36.0 L	21	29	81	60.9 R	46	26
+70	9.1 L	26	48	43	34.0 L	23	28	82	51.4 R	50	26
16	27.1 L	29	49	44	31.0 L	22	27	83	51.3 R	49	26
+53	22.6 L	30	45	+69	28.9 L	22	24	84	53.5 R	53	26
17	26.5 L	29	38	45	29.8 L	21	16	+59?	26.0 R	43	24
+30	0	27	31	46	17.2 L	21	32	85	45.0 R	36	27
18	17.0 R	25	26	47	26.0 L	22	19	-40	57.0 R	27	27
19	14.0 R	30	27	+32	26.9 L	22	23	86	71.0 R	29	27
20	0	25	30	48	20.1 L	22	20	+75	76.0 R	18	31
+36	0	22	27	49	33.4 L	32	21	87	75.0 R	18	28
+49	0	24	36	50	33.9 L	21	21	+50	68.0 R	41	26
+64	0	35	26	51	39.2 L	22	27				
21	0	23	27	52	33.7 L	20	28				
22	0	25	27	53	29.2 L	27	31				
23	27.0 L	26	22	+49	3.1 R	27	31				
+73	24.0 L	27	33	54	7.3 R	27	30				
24	24.9 L	28	37	55	5.8 R	20	30				
25	24.4 L	27	47	56	5.3 R	21	36				
+40	22.6 L	20	41	57	4.8 R	23	18				
26	22.7 L	19	37	58	4.3 R	22	21				
+35	16.5 R	27	38	59	4.8 R	22	20				
27	9.1 R	28	37	60	5.3 R	31	20				
+36	26.1 L	28	32	+72	4.7 R	22	21				
28	29.0 L	28	33	61	5.8 R	22	20				
+60	0.2 R	27	45	62	7.3 R	24	19				
29	30.0 L	26	40	63	7.8 R	25	18				
+40	0	27	35	64	6.3 R	23	18				
30	28.0 L	25	44	65	6.8 R	22	17				
31	30.0 L	26	38	66	1.7 L	26	26				
32	31.0 L	28	42	+35	1.6 L	29	26				
				67	2.5 L	29	21				
				68	11.3 L	29	28				
				69	0.3 L	28	30				
				+48?	40.0 L	28	29				
				70	28.2 L	28	27				
				+45	35.0 L	29	29				
				71	20.8 R	28	27				

FINAL SURVEY PLOTTED
 NOTE BOOK NO. _____
 AREAS CHECKED

ORIGINAL SURVEY PLOTTED
 NOTE BOOK NO. _____
 AREAS CHECKED