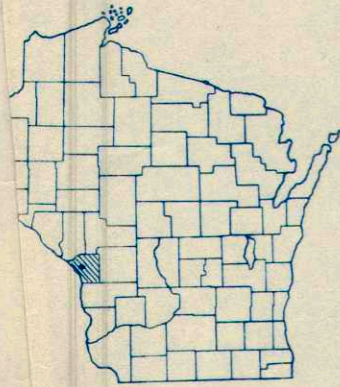


INDEX OF SHEETS

- SHEET NO. 1 TITLE
- SHEET NO. 2 TYPICAL CROSS SECTIONS
- SHEET NO. 3 ESTIMATE OF QUANTITIES
- SHEET NO. 3A MISCELLANEOUS QUANTITIES
- SHEET NO. 4-4.2 RIGHT OF WAY PLAT
- SHEET NO. 5-9 PLAN AND PROFILE STA. 6+00 TO STA. 128+00
- SHEET NO. 10-17 STANDARD DETAILS
- SHEET NO. 18-21 DRAINAGE STRUCTURES
- SHEET NO. 22-48 CROSS SECTIONS



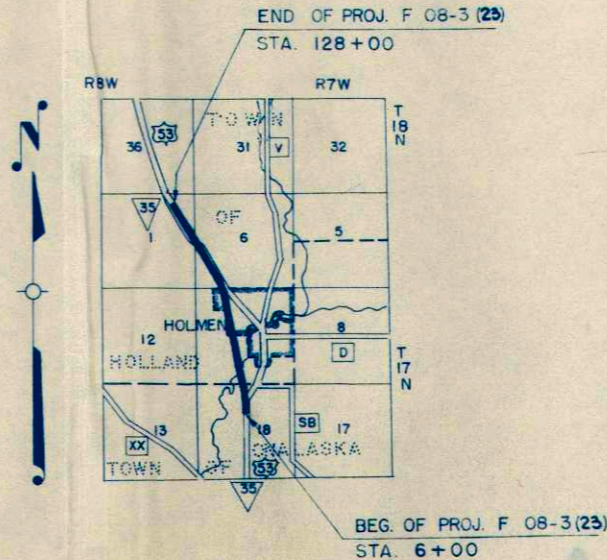
STATE OF WISCONSIN
STATE HIGHWAY COMMISSION OF WISCONSIN

PLAN AND PROFILE OF PROPOSED

LACROSSE - NORTH COUNTY LINE
LACROSSE COUNTY
PROJECT F 08-3 (23)

BEGINNING AT A POINT APPROX. 1810' SOUTH OF THE NORTH 1/4 COR.
OF SEC. 18, T17N, R7W THENCE NORTHWESTERLY TO A POINT APPROX.
975' SOUTH AND 1320' WEST OF THE N.E. CORNER OF SEC. 1, T17N, R8W.

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.



LAYOUT

SCALE

NET LENGTH OF CENTERLINE - F 08-3 (23) = 2.078 RURAL
NET LENGTH OF CENTERLINE - F 08-3 (23) = 0.255 HOLMEN
TOTAL NET LENGTH OF CENTERLINE - F 08-3 (23) = 2.333 MI.

CONVENTIONAL SIGNS

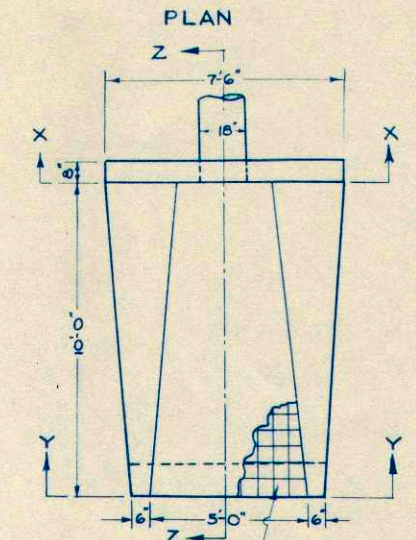
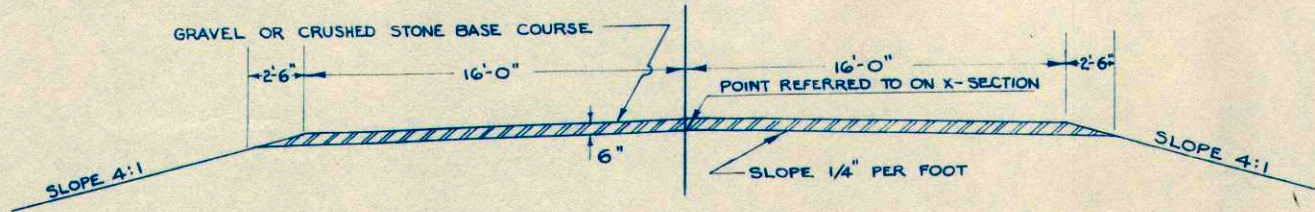
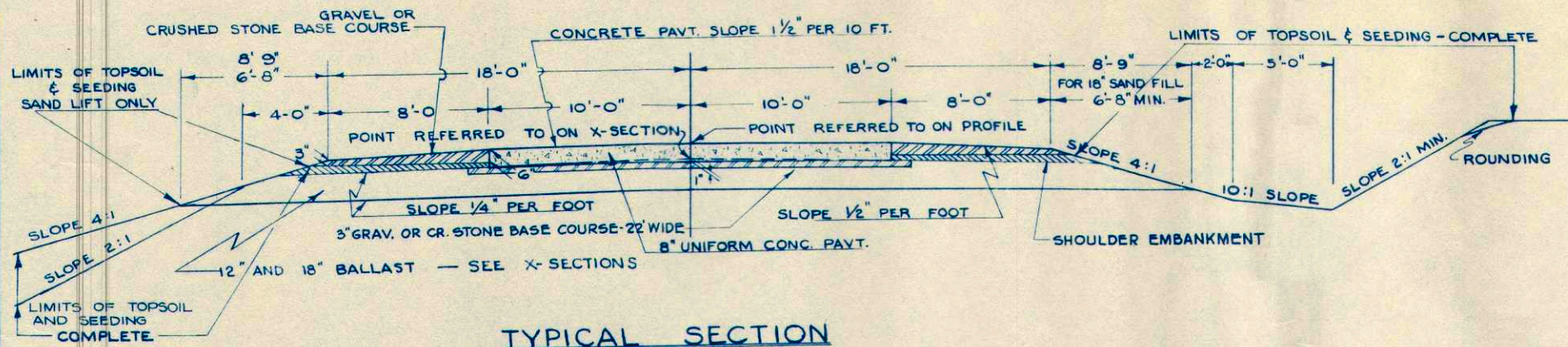
STAKE	-----	CULVERTS IN PLACE	-----
COIN	-----	CULVERTS REQUIRED	-----
TOWNSHIP RANGE LINE	-----	DROP INLET	-----
SECTION	-----	POWER POLE	-----
RIGHT OF WAY LINE	-----	TELEPHONE OR TELEGRAPH POLE	-----
RIGHT OF WAY LINE	-----	RIGHT OF WAY MARKERS	-----
WIRE	{ WOVEN	REFERENCE STAKE FOR HUBS ONLY	-----
	{ BARBED	MARSH	-----
LOT	-----	HEDGE	-----
CORNER OR CITY LIMITS	-----	TREES	-----
PROPOSED	-----		
TRAIL OR P.E.	-----	GROUND ELEVATION	DATUM LINE 73.9
RAIL	-----	GRADE ELEVATION	DATUM LINE 75.16
BASEVEY LINE	-----		

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.
4	WIS.		

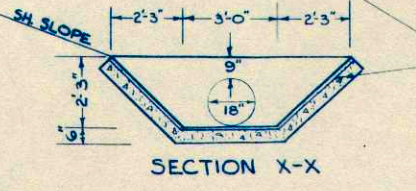
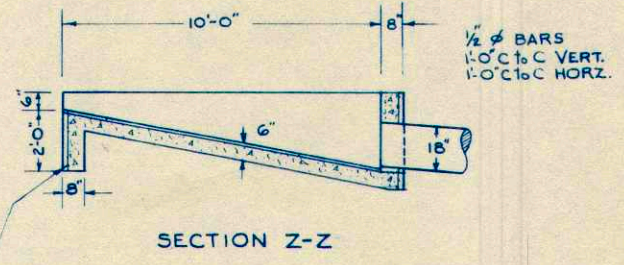
DIVISION JOB NO.

COUNTY AND HIGHWAY	ROUTE AND SECTION	CLASS & AGREEMENT		FEDERAL DIVISION OFFICE	SHEET NUMBER
		STATE	FEDERAL		
32.1	8.3		13.23	WIS. 5N	1

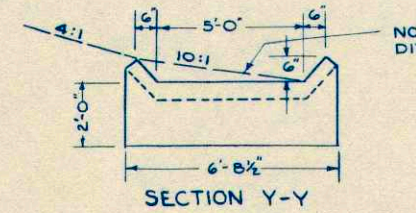
STATE HIGHWAY COMMISSION OF WISCONSIN MADISON, WIS.	FEDERAL WORKS AGENCY PUBLIC ROADS ADMINISTRATION
SURVEYOR: WFW-EGG NOTE BOOK 8550, 8479	RECOMMENDED FOR APPROVAL
DIVISION COMPUTER: ECK M. O. CHECKER	
DIVISION CHECKER: RGJ CORRECT	
CORRECT:	
DATE: 3/1/58 T. M. Reynolds DIVISION ENGINEER	DISTRICT ENGINEER PUBLIC ROADS ADMINISTRATION FEDERAL WORKS AGENCY
RECOMMENDED FOR APPROVAL: DATE: 3/1/58	APPROVED
DESIGN ENGINEER: [Signature]	CONSTRUCTION ENGINEER: [Signature]
APPROVED: [Signature]	DATE: 3/1/58
STATE HIGHWAY ENGINEER	DIVISION ENGINEER PUBLIC WORKS ADMINISTRATION FEDERAL WORKS AGENCY



REINF. CONCRETE INLET
 STA 28+60 LT. STA 30+05 RT. STA 33+80 RT.



STANDARD PAVEMENT REINF. ALTERNATE TYPES TO MEET SPECS.



ESTIMATED QUANTITIES

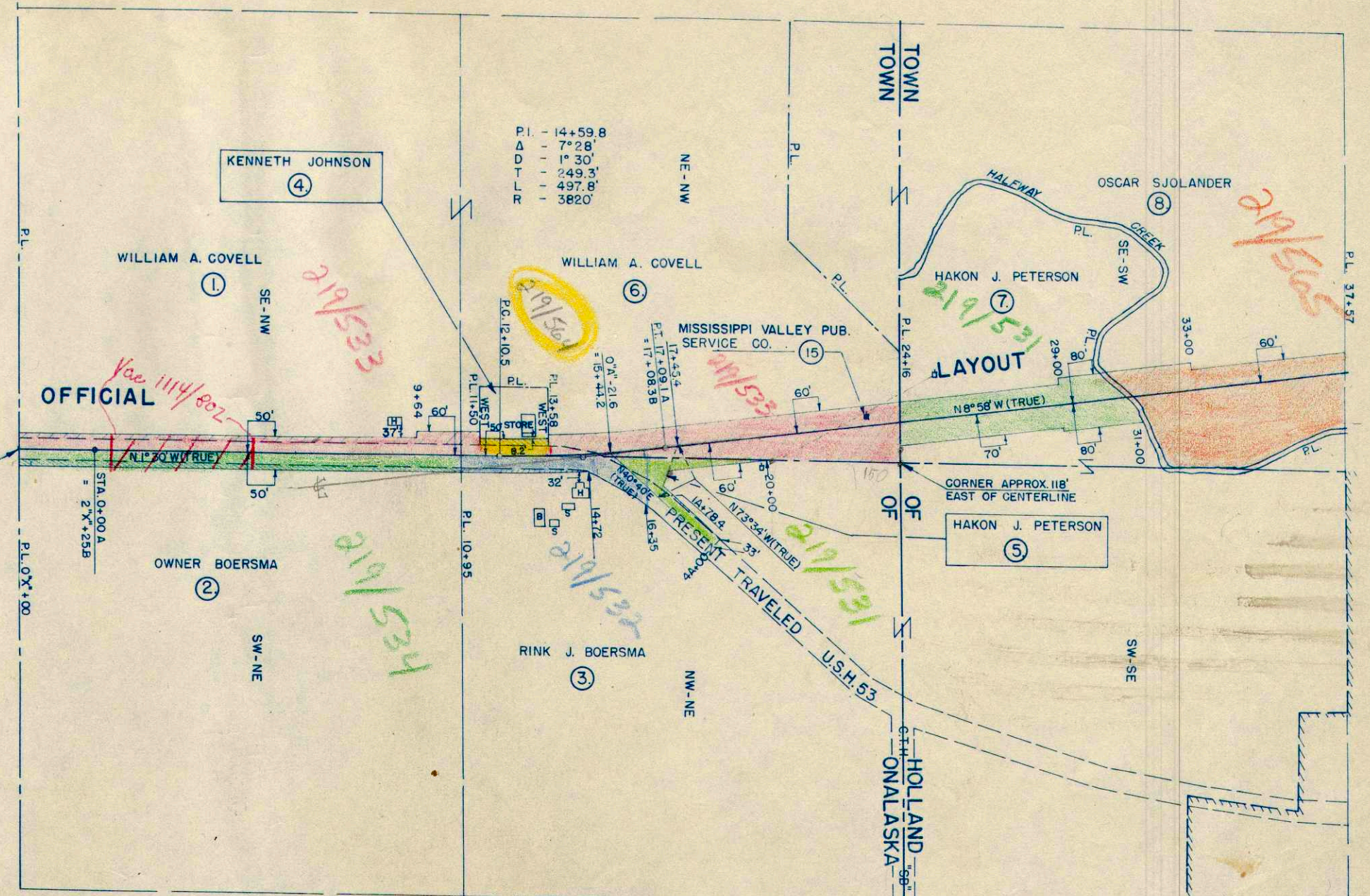
CONCRETE MASONRY	2.2 C.Y.
BAR STEEL	17.0 LBS.
MESH	10 SY.
EXCAVATION	4.0 C.Y.

APPROVED APPLICABLE DETAIL DRAWINGS.

DETAILS OF PE AND SIDE ROAD APPROACHES	1-3.1.1.
OBLITERATING OLD ROAD	1-4.1.1.
BRIDGE APPROACH DETAILS P.C.C. PAVEMENT	2-2.1.5.
JOINT DETAILS P.C.C. PAVEMENT	4-4.1.2.
MARKER POSTS	7-1.1.1.
MARKER POSTS FOR R/W	7-1.2.1.
CONSTRUCTION BARRICADE	7-4.1.1.
3 WIRE CABLE GUARD FENCE	7-2.1.1.

TYPICAL CROSS SECTION FOR
36' ROADWAY
20' CONCRETE PAVEMENT
 SCALE

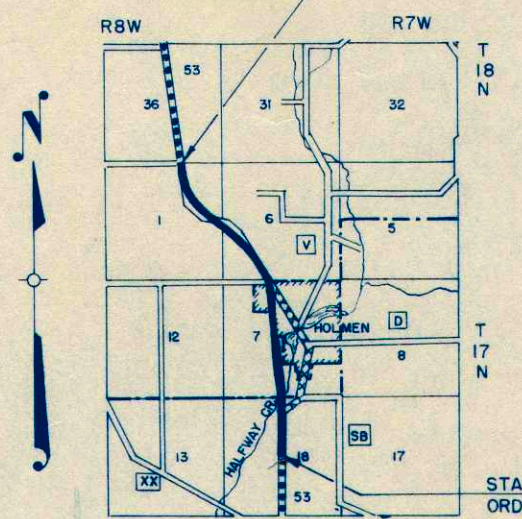
COUNTY AND HIGHWAY	ROUTE AND SECTION	CLASS AND AGREEMENT		FEDERAL DIVISION OFFICE	SHEET NUMBER	TOTAL SHEETS
		STATE	FEDERAL			
				WIS. 5N	4	48



10+95
2+25
13+20

STA. 0+00 BEG. OF RELOCATION
ORDER PROJ. F 08-3(24)

STA. 138+37 END OF RELOCATION
ORDER PROJ. F 08-3(24)



LOCATION SKETCH
SCALE - 0 1/2 1 MILES

STA. 0+00 BEG. OF RELOCATION
ORDER PROJ. F 08-3(24)

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

SCHEDULE OF LAND AND INTERESTS REQUIRED				
PAR.	OWNER	DESCRIPTION	ACRES	INTERESTS REQUIRED
1.	WILLIAM A. COVELL	NE-NW, SE-NW, SEC. 18, T17N, R7W	0.80	
2.	OWNER BOERSMA	SW-NE, SEC. 18, T17N, R7W	0.45	
3.	RINK J. BOERSMA	NW-NE, SEC. 18, T17N, R7W	0.14	
4.	KENNETH JOHNSON	NE-NW, SEC. 18, T17N, R7W	0.08	
5.	HAKON J. PETERSON	NW-NE, SEC. 18, T17N, R7W	0.45	
6.	WILLIAM A. COVELL	NE-NW, SEC. 18, T17N, R7W	2.56	
7.	HAKON J. PETERSON	SE-SW, SEC. 7, T17N, R7W	2.18	
8.	OSCAR SJOLANDER	SE-SW, SEC. 7, T17N, R7W	4.16	
15.	MISSISSIPPI VALLEY PUB. SERV. CO.	NE-NW, SEC. 18, T17N, R7W		POLE EASEMENT RELEASE

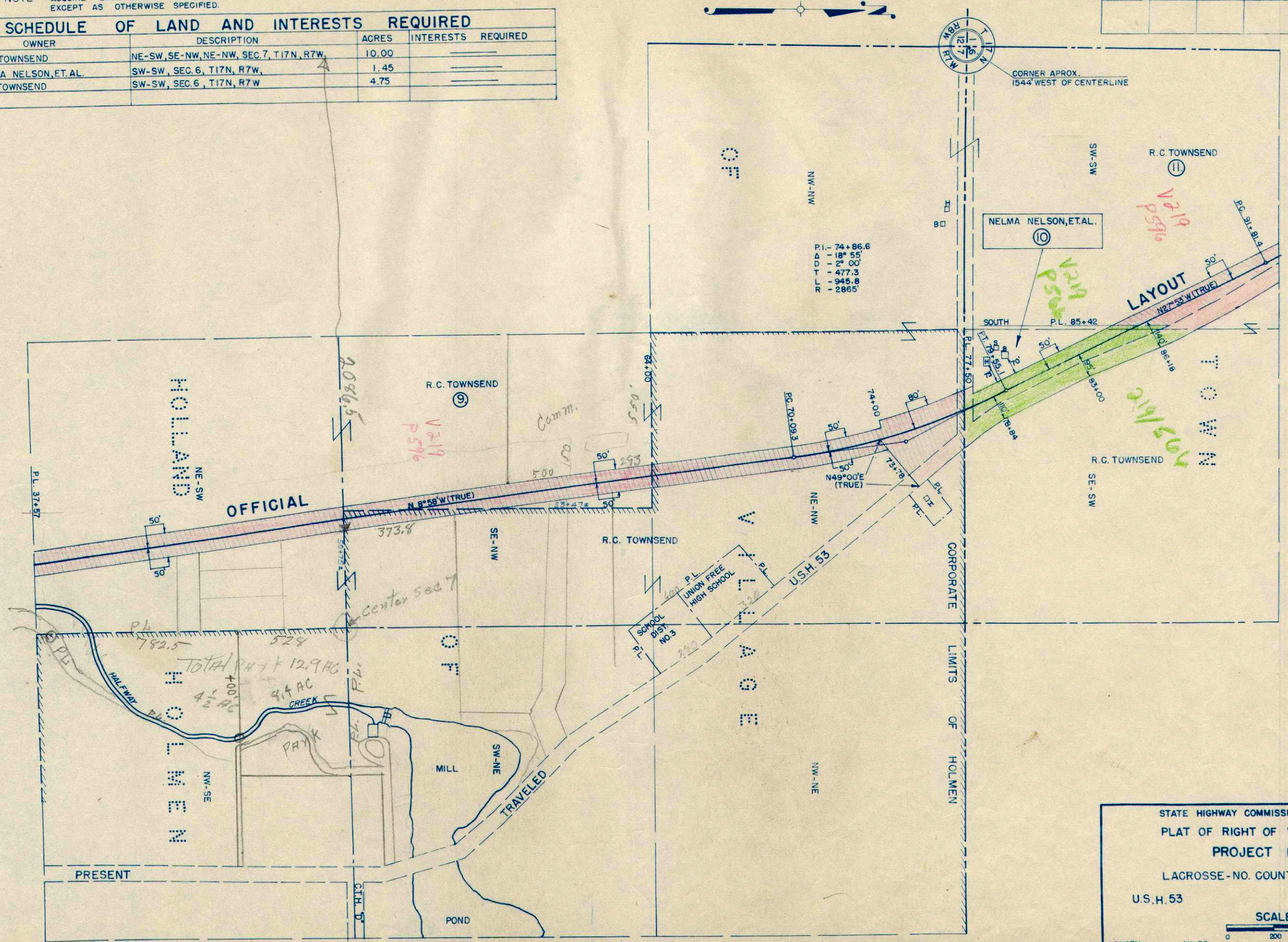


STATE HIGHWAY COMMISSION OF WISCONSIN
 PLAT OF RIGHT OF WAY REQUIRED
 PROJECT F 08-3(24)
 LACROSSE - NO. COUNTY LINE ROAD
 U.S.H. 53 LACROSSE COUNTY
 SCALE
 LENGTH - 2.659 MILES 0 200 400 FT. DATED FEB. 16, 1948

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

SCHEDULE OF LAND AND INTERESTS REQUIRED			
PAR.	OWNER	DESCRIPTION	ACRES
9.	R. C. TOWNSEND	NE-SW, SE-NW, NE-NW, SEC. 7, T17N, R7W	10.00
10.	NELMA NELSON, ET. AL.	SW-SW, SEC. 6, T17N, R7W	1.45
11.	R. C. TOWNSEND	SW-SW, SEC. 6, T17N, R7W	4.75

COUNTY AND HIGHWAY	ROUTE AND SECTION	CLASS AND AGREEMENT		FEDERAL DIVISION OFFICE	SHEET NUMBER	TOTAL SHEETS
		STATE	FEDERAL			
				WIS. 5N	4.1	48

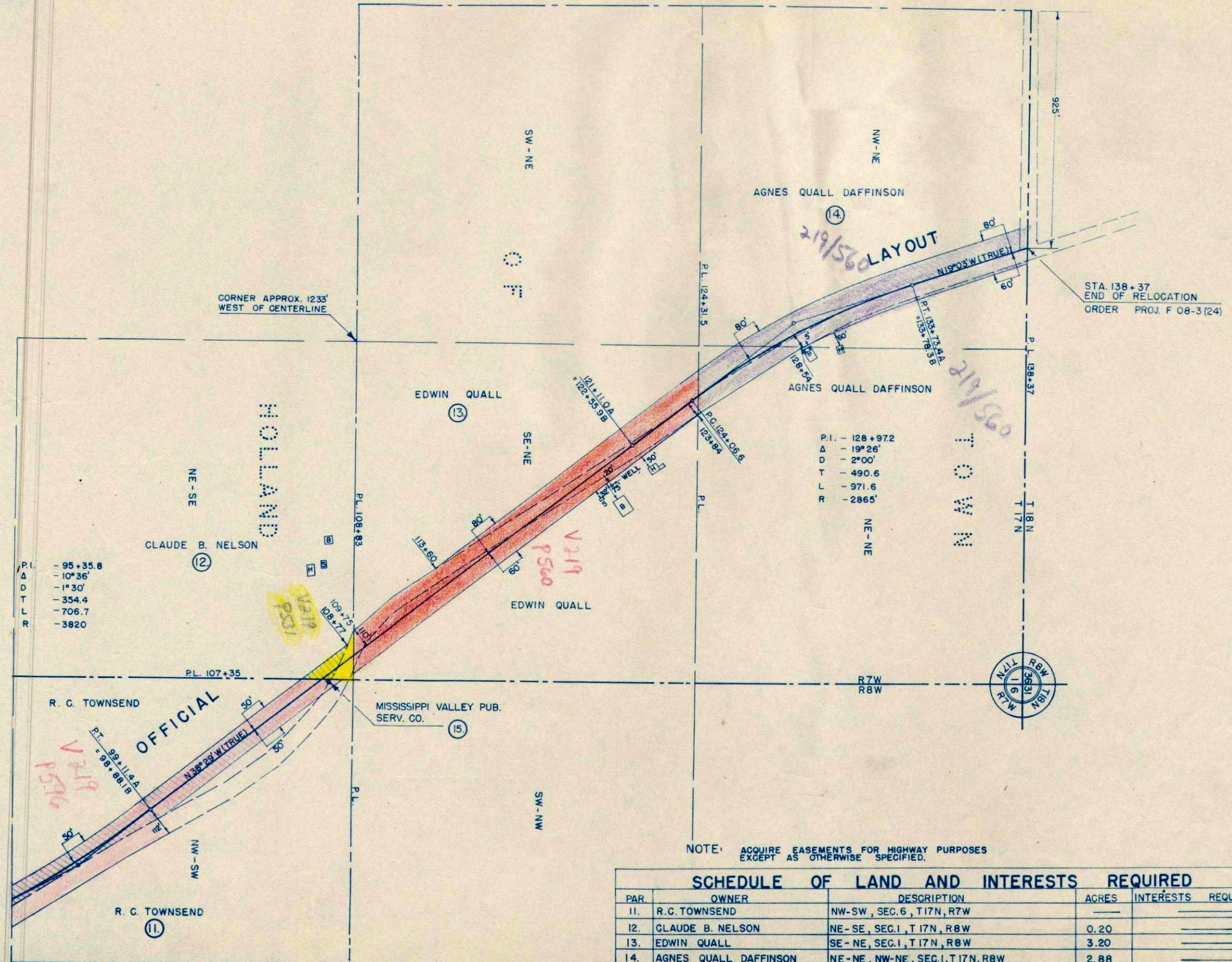


Handwritten notes in red and green ink:
 2640
 2084.5
 558.5

STATE HIGHWAY COMMISSION OF WISCONSIN
 PLAT OF RIGHT OF WAY REQUIRED
 PROJECT F 08-3 (24)
 LACROSSE - NO. COUNTY LINE ROAD
 U.S.H. 53 LACROSSE COUNTY

SCALE
 0 200 400 FT.
 LENGTH: MILES
 DATED FEB. 16, 1948

COUNTY AND HIGHWAY	ROUTE AND SECTION	CLASS AND AGREEMENT		FEDERAL DIVISION OFFICE	SHEET NUMBER	TOTAL SHEETS
		STATE	FEDERAL			
				WIS. 5N	4.2	48



P.I. - 128 + 97.2
 Δ - 19° 26'
 D - 2° 00'
 T - 490.6
 L - 971.6
 R - 2865'

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

SCHEDULE OF LAND AND INTERESTS REQUIRED

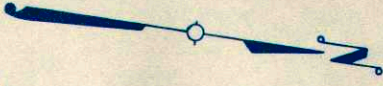
PAR.	OWNER	DESCRIPTION	ACRES	INTERESTS REQUIRED
11.	R.C. TOWNSEND	NW-SW, SEC. 6, T17N, R7W	—	—
12.	CLAUDE B. NELSON	NE-SE, SEC. 1, T 17N, R8W	0.20	—
13.	EDWIN QUALL	SE-NE, SEC. 1, T 17N, R8W	3.20	—
14.	AGNES QUALL DAFFINSON	NE-NE, NW-NE, SEC. 1, T 17N, R8W	2.88	—
15.	MISSISSIPPI VALLEY PUB. SERV. CO.	NW-SW, SEC. 6, T17N, R7W	—	POLE EASEMENT RELEASE

STATE HIGHWAY COMMISSION OF WISCONSIN
 PLAT OF RIGHT OF WAY REQUIRED
 PROJECT F 08-3 (24)
 LACROSSE- NO. COUNTY LINE ROAD
 U.S.H. 53 LACROSSE COUNTY

SCALE
 0 200 400 FT.
 LENGTH= MILES DATED FEB. 16, 1948

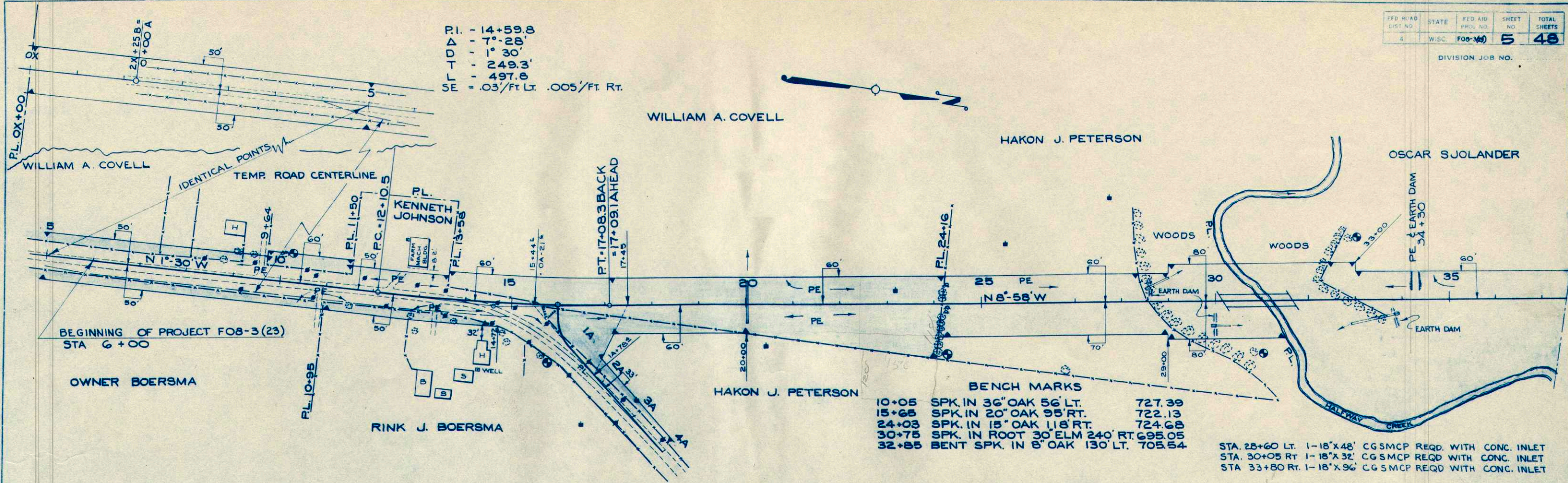
DIVISION JOB NO.

P.I. - 14+59.8
 Δ - 7°-28'
 D - 1° 30'
 T - 249.3'
 L - 497.8
 SE = .03'/FT. LT. .005'/FT. RT.



DATE 5-27
 BY FCG-WFW
 CHECKED
 PLAN NO. 2850

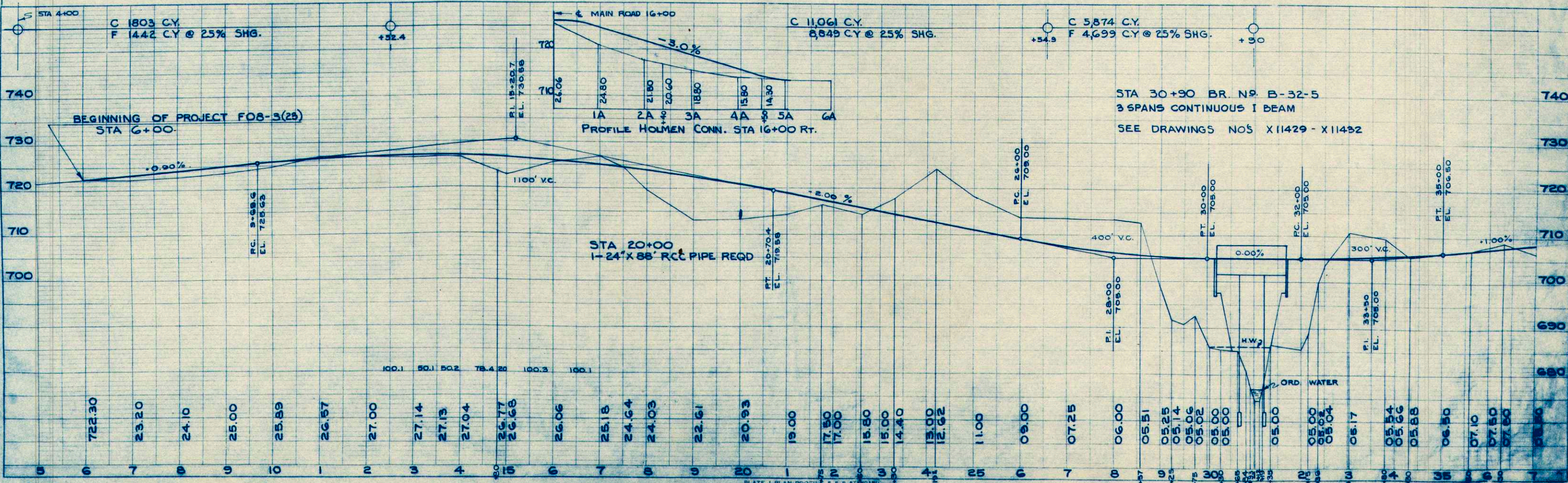
DATE 8-27
 BY FCG-WFW
 CHECKED
 PROFILE NO. 2850



BENCH MARKS

10+05	SPK. IN 36" OAK 56' LT.	727.39
15+68	SPK. IN 20" OAK 95' RT.	722.13
24+03	SPK. IN 15" OAK 118' RT.	724.68
30+75	SPK. IN ROOT 30' ELM 240' RT.	695.05
32+85	BENT SPK. IN 8" OAK 130' LT.	705.54

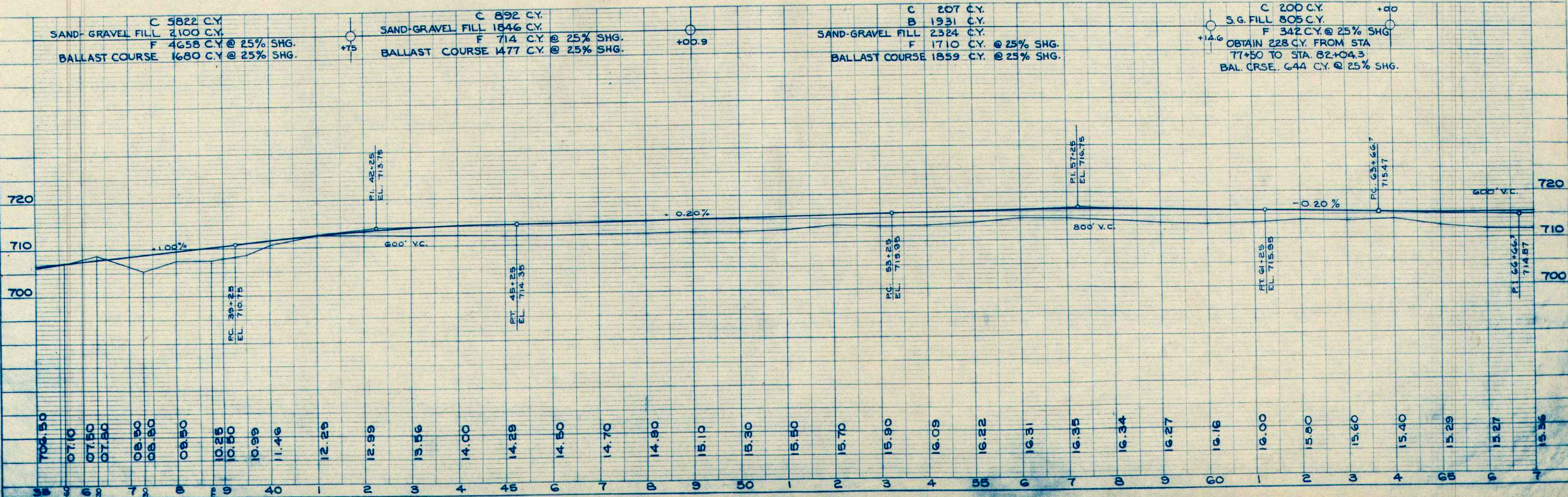
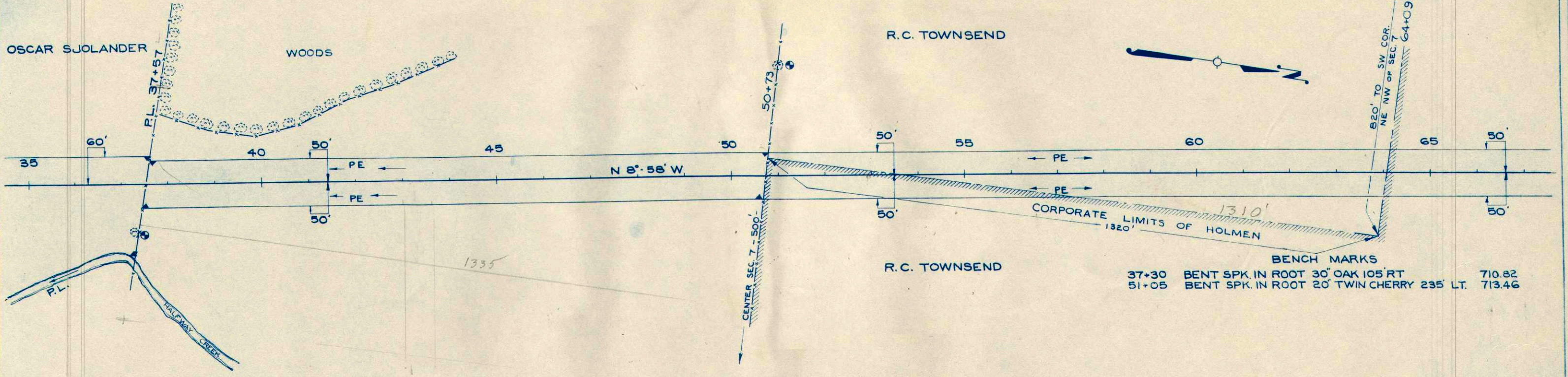
STA. 28+60 LT. 1-18"X48' CG SMCP REQD. WITH CONC. INLET
 STA. 30+05 RT. 1-18"X32' CG SMCP REQD. WITH CONC. INLET
 STA. 33+80 RT. 1-18"X96' CG SMCP REQD. WITH CONC. INLET



DIVISION JOB NO. _____

PLAN
 SURVEYED BY FCG-W/P/W
 DATE 6-47
 NOTE BOOK ALIGNED CHECKED
 NO. 2586

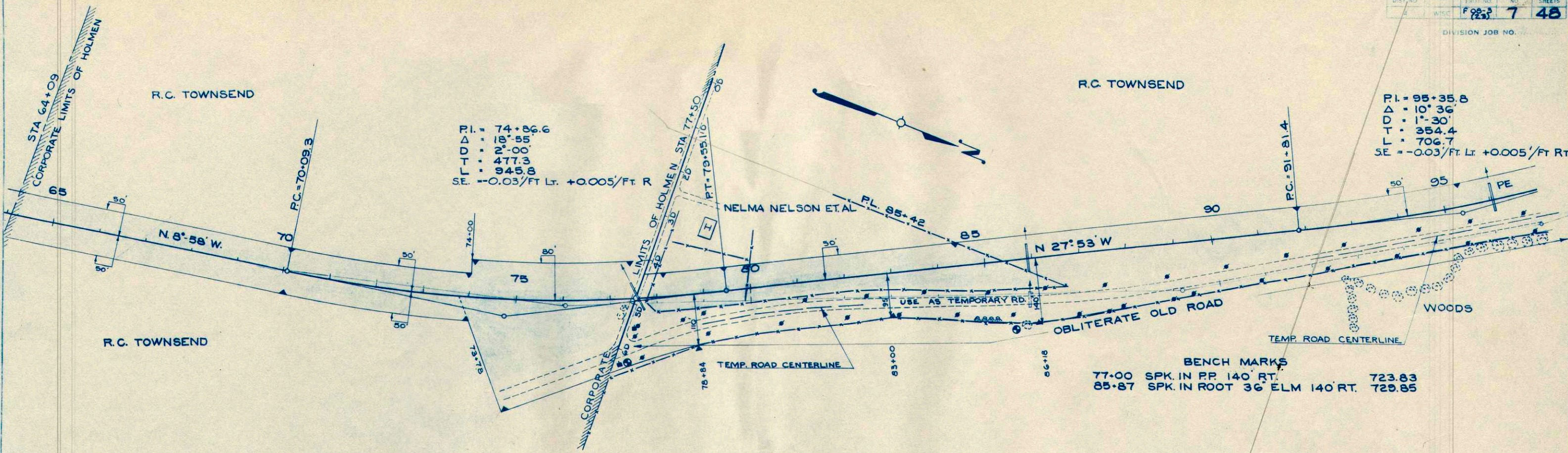
PROFILE
 SURVEYED BY FCG-W/P/W
 DATE 6-47
 PLOTTED BY E/E
 DATE 6-47
 NOTE BOOK G.M.S. NOTED
 NO. 2586
 STRUCTURE NOTATION CHECKED



DIVISION JOB NO. _____

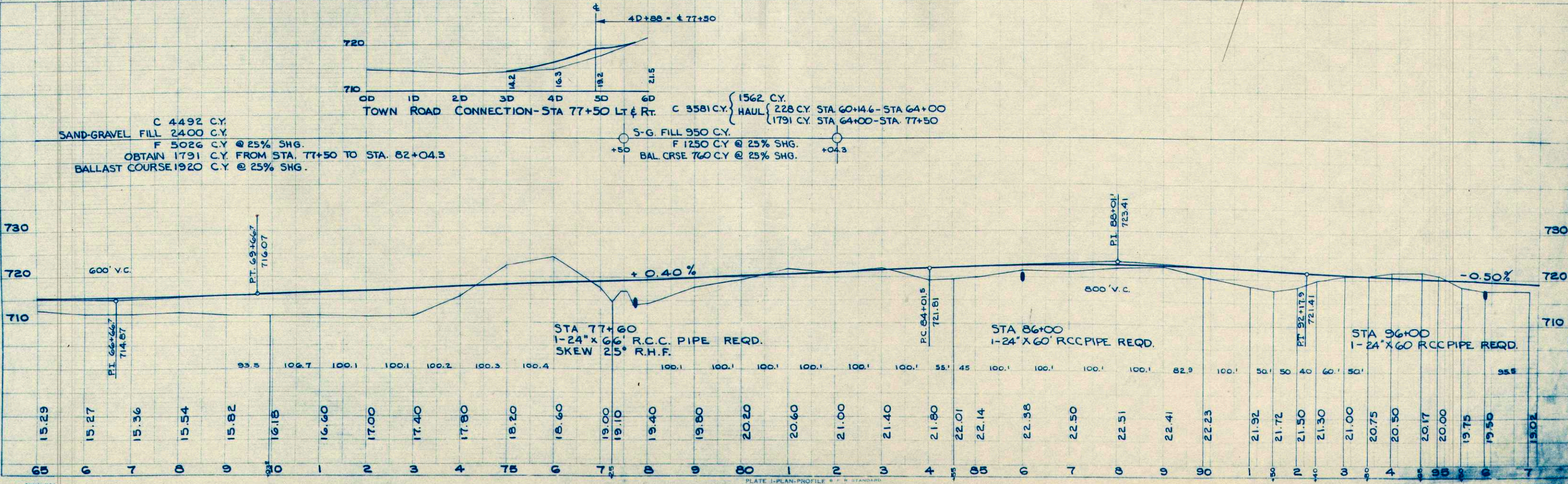
P.I. = 74+86.6
 Δ = 18°-55'
 D = 2°-00'
 L = 477.3
 T = 945.8
 S.E. = -0.03'/FT Lt. +0.005'/FT R

P.I. = 95+35.8
 Δ = 10°-36'
 D = 1°-30'
 T = 354.4
 L = 706.7
 S.E. = -0.03'/FT Lt. +0.005'/FT Rt.



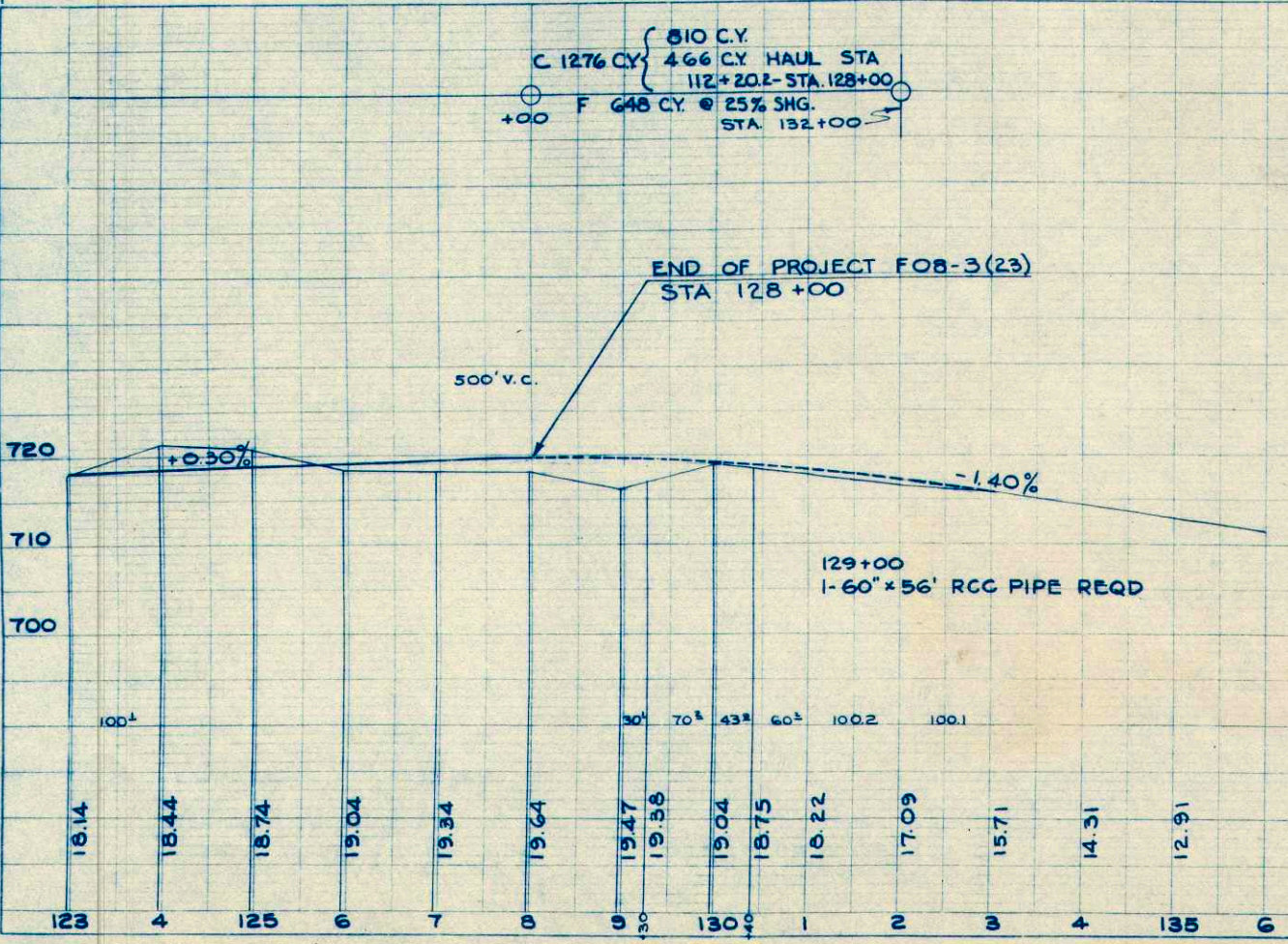
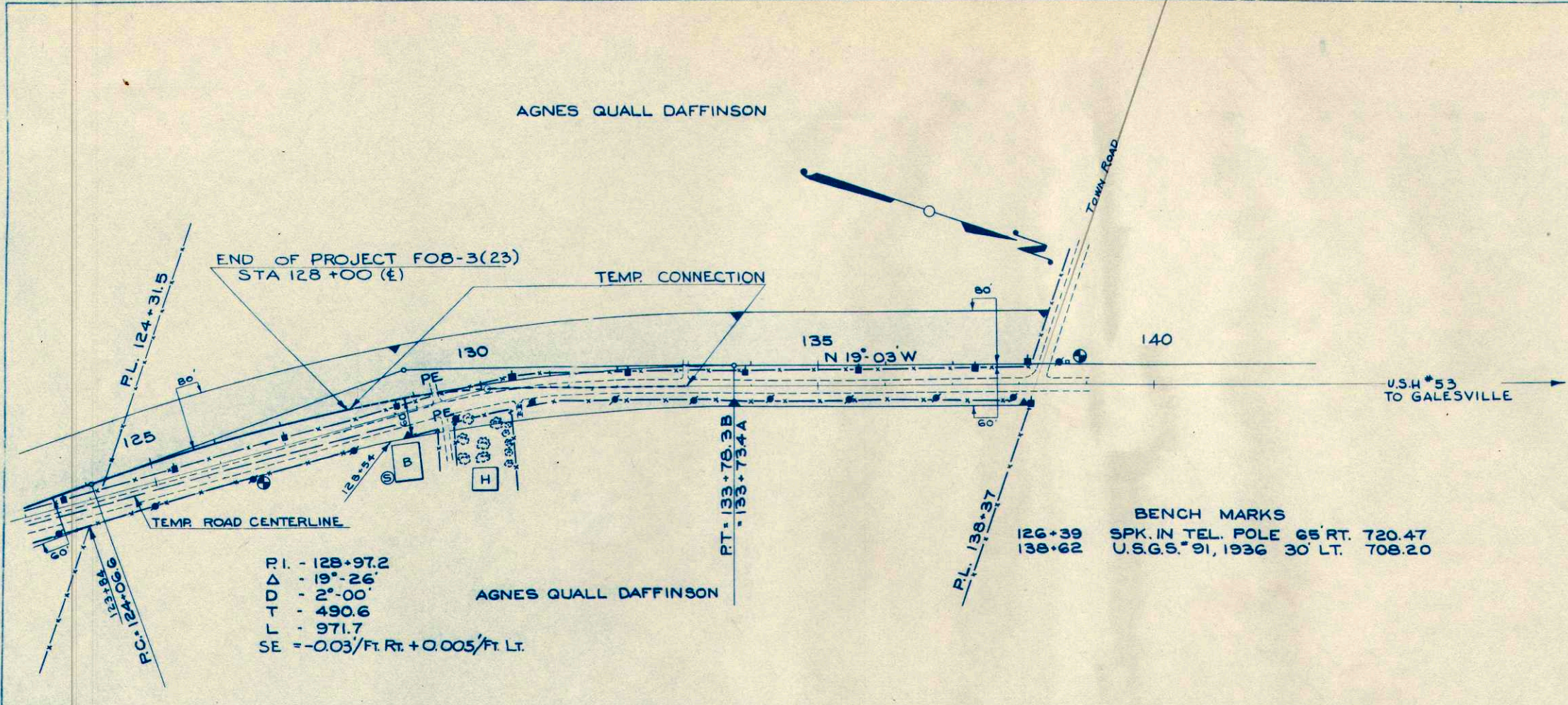
PLAN
 SURVEYED
 PLOTTED
 ALIGNED
 CHECKED
 DATE
 BY

PROFILE
 SURVEYED
 PLOTTED
 CHECKED
 DATE
 BY

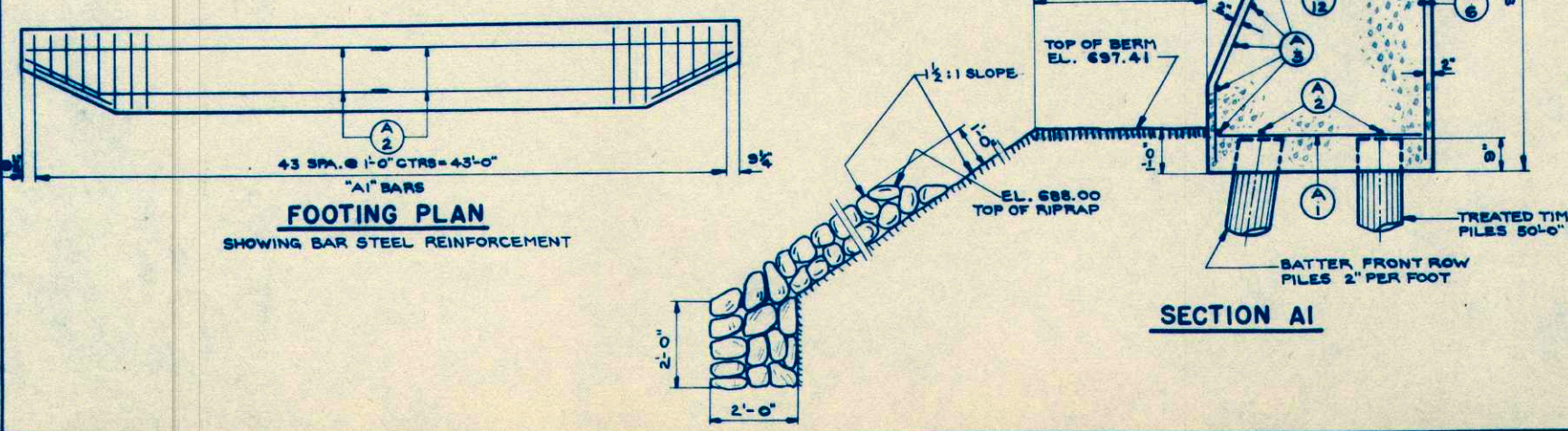
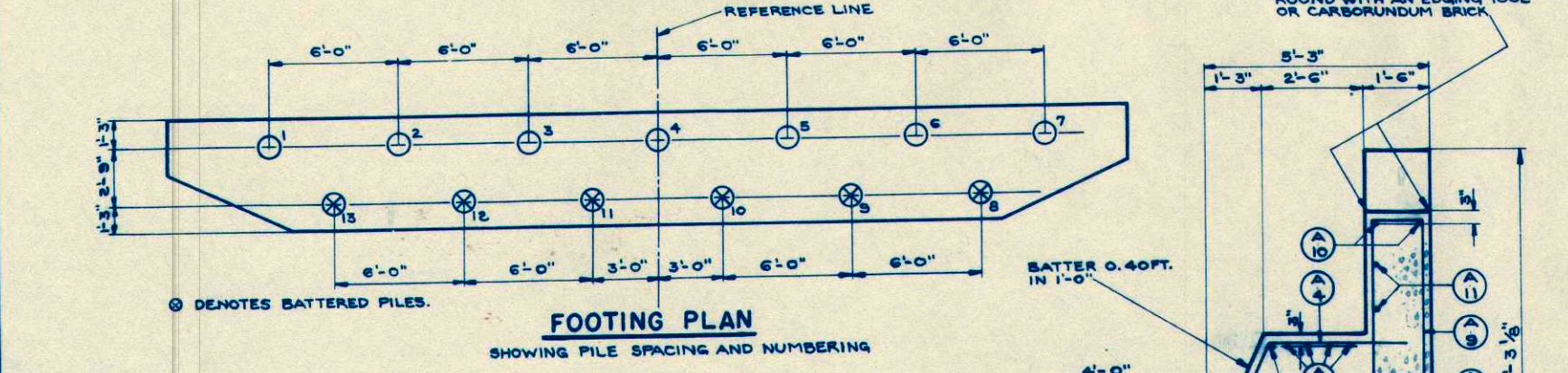
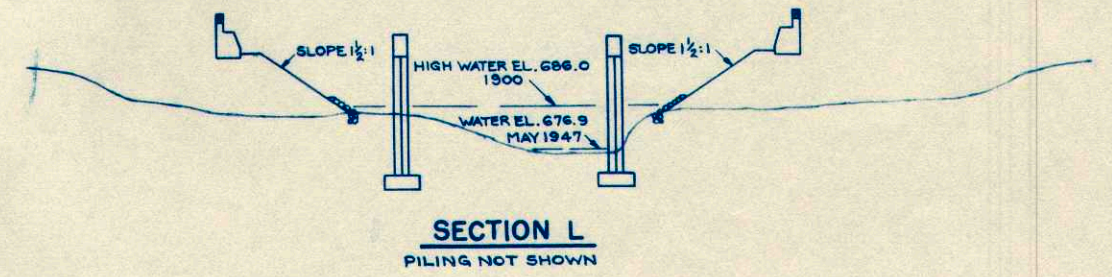
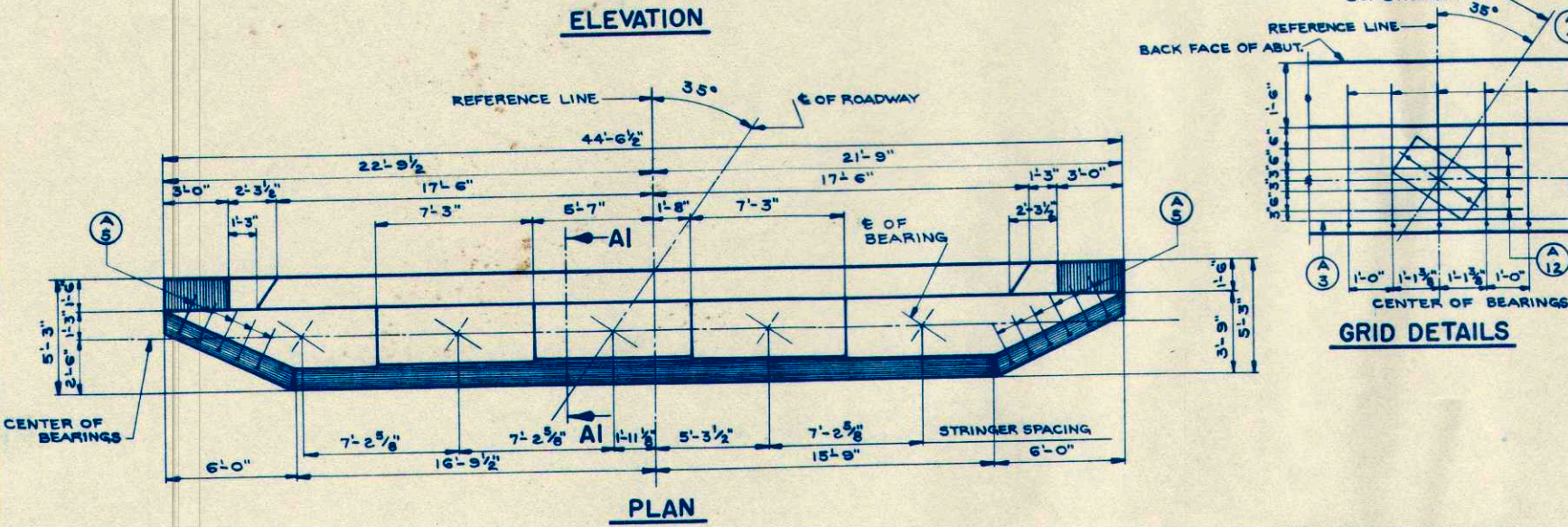
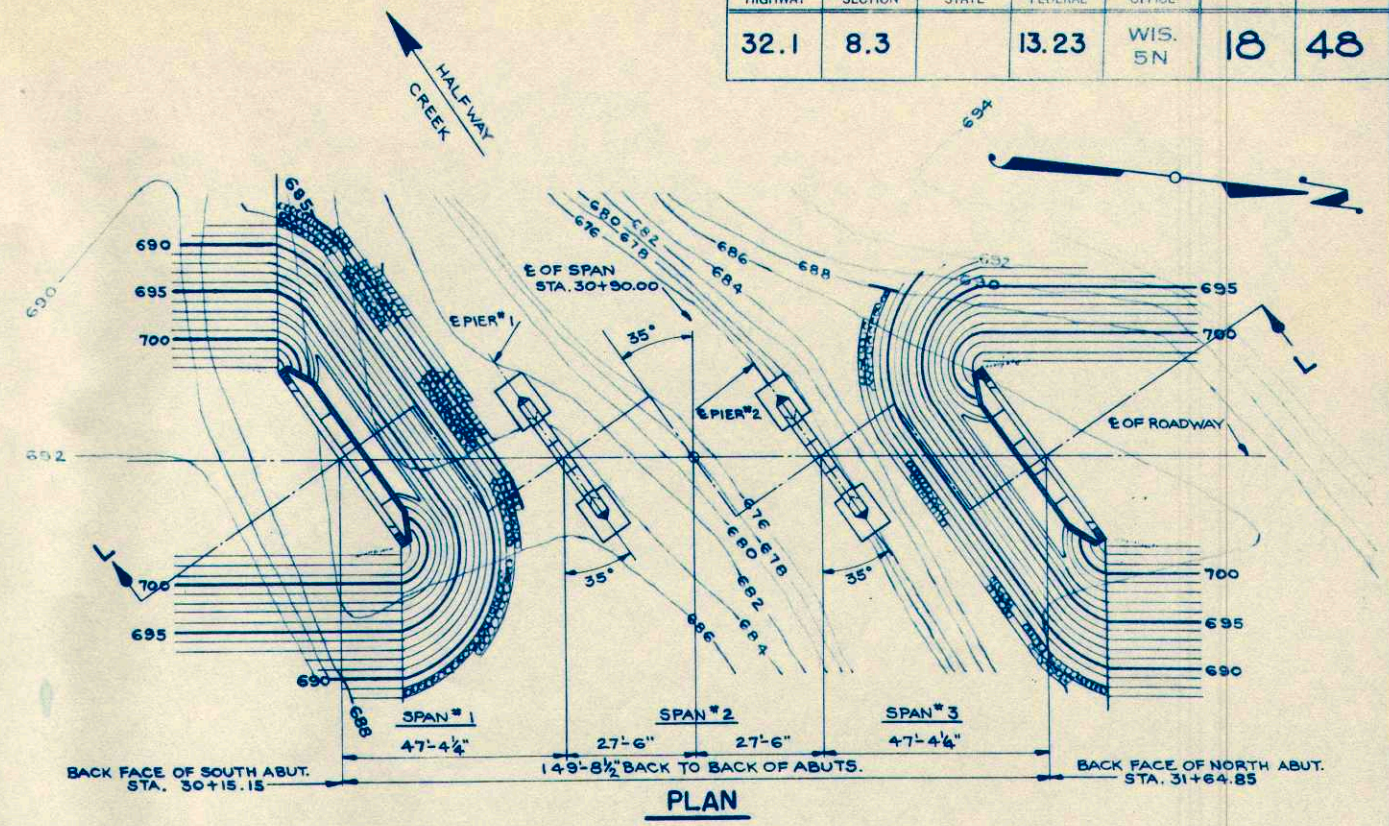
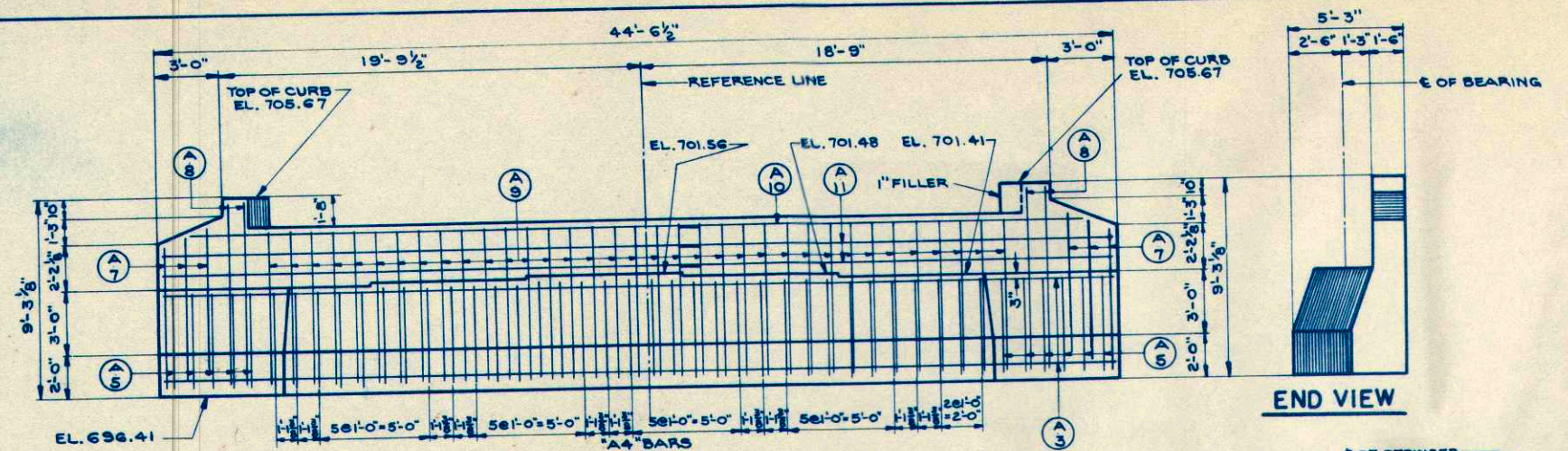


DATE 8-47
 BY FCG-WFW
 SURVEYED, PLOTTED, ALIGNED, CHECKED, REVISIONS
 NO. 8550

DATE 8-47
 BY FCG-WFW
 SURVEYED, PLOTTED, ALIGNED, CHECKED, REVISIONS
 NO. 8550



COUNTY AND HIGHWAY	ROUTE AND SECTION	CLASS AND AGREEMENT		FEDERAL DIVISION OFFICE	SHEET NUMBER	TOTAL SHEETS
		STATE	FEDERAL			
32.1	8.3	13.23		WIS. 5N	18	48



TOTAL ESTIMATED QUANTITIES

BID ITEMS	UNIT	SUPER-STRUCTURE	ABUTMENTS	PIER #1	PIER #2	TOTAL
EXCAVATION FOR STRUCTURES	C.Y.	—	85	155	80	320
CONCRETE MASONRY	C.Y.	99.2	89.3	59.5	58.5	306.5
BAR STEEL REINFORCEMENT	LB.	18,870	2,280	3,900	3,880	28,930
STRUCTURAL STEEL	LB.	99,180	—	840	840	100,860
SHEET LEAD	LB.	276	—	—	—	276
ZINC PLATES	LB.	123	—	—	—	123
UNTREATED TIMBER TEST PILING (2445' LUMP SUM)	—	—	—	—	—	1
UNTREATED TIMBER PILING	L.F.	—	—	690	690	1,380
TREATED TIMBER PILING	L.F.	—	1,300	—	—	1,300
FLOOR DRAINS	EACH	6	—	—	—	6
RIPRAP	C.Y.	—	80	—	—	80
EXPANSION JOINT FILLER	SIZE	1'	—	—	—	1'

LIST OF DRAWINGS

- 1- ABUTMENTS & LAYOUT X-11429
- 2- SUPERSTRUCTURE X-11430
- 3- SUPERSTRUCTURE X-11431
- 4- PIERS & BILL OF BARS X-11432

STATE HIGHWAY COMMISSION OF WISCONSIN

ABUTMENTS & LAYOUT

CO. LA CROSSE TOWNSHIP HOLLAND STA. 30+90.00

SECTION 7 TOWN 17 N. RANGE 7 W.

DATE 3/24/41 DRWN. D.Z. GKD. LUP SPEC. 1941 LOAD H-20

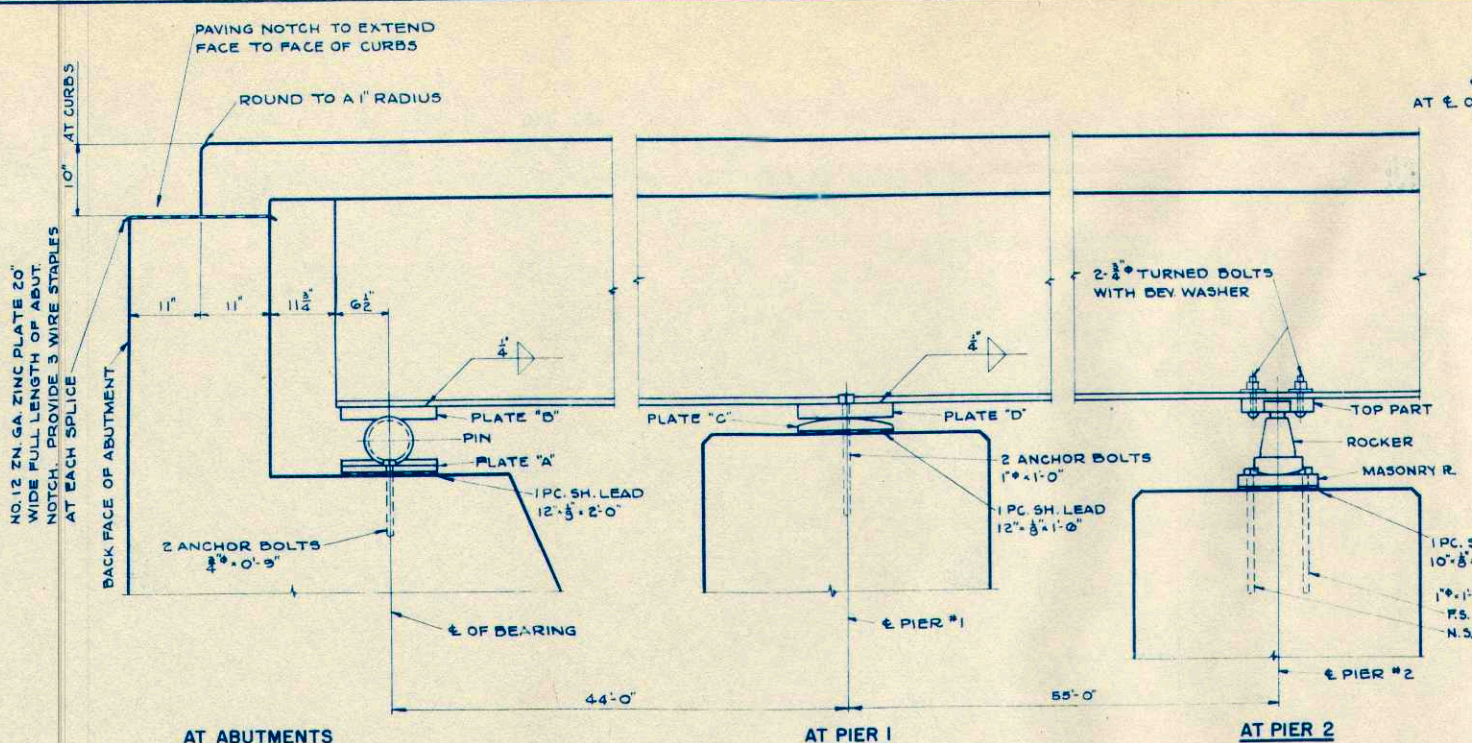
CORRECT *G. J. A. S.* BRIDGE ENGINEER

APPROVED *E. H. ...* STATE HIGHWAY ENGINEER

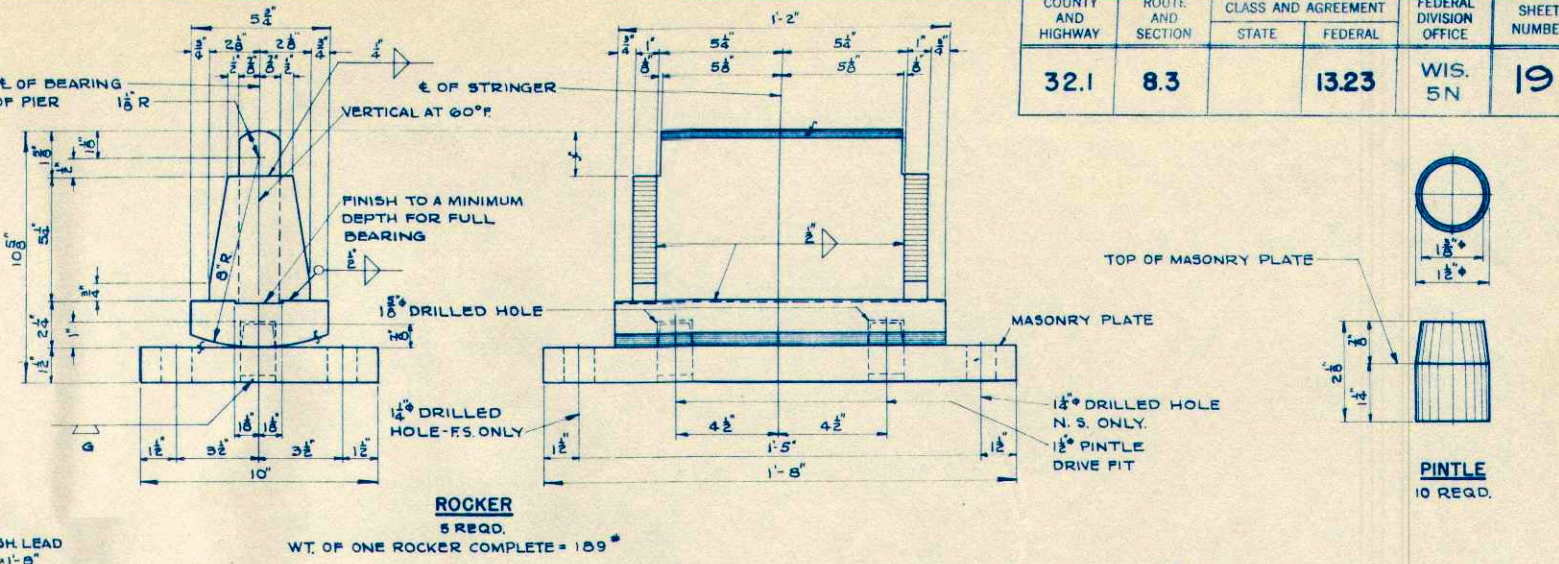
*** DRIVE ONE 60-0" FILE AT EACH ABUTMENT AND ONE 45-0" FILE AT EACH PIER.

* H-15 SUPERSTRUCTURE FLOOR IN ACCORDANCE WITH A.A.S.H.O. TENTATIVE SPEC. T3-45.

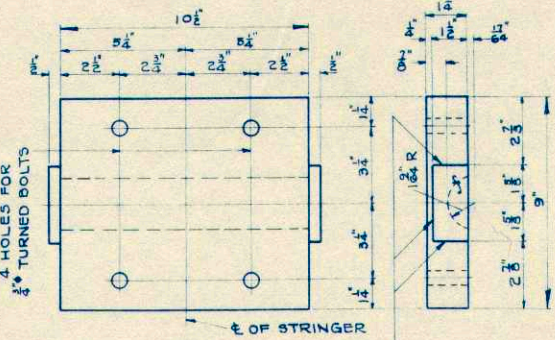
COUNTY AND HIGHWAY	ROUTE AND SECTION	CLASS AND AGREEMENT	FEDERAL DIVISION OFFICE	SHEET NUMBER	TOTAL SHEETS
32.1	8.3	1323	WIS. 5N	19	48



LONGITUDINAL SECTION
TAKEN PARALLEL TO ϵ OF STRINGERS.



ROCKER
5 REQ.
WT. OF ONE ROCKER COMPLETE = 159



TOP PART
5 REQ.
WT. OF ONE TOP PART COMPLETE = 49

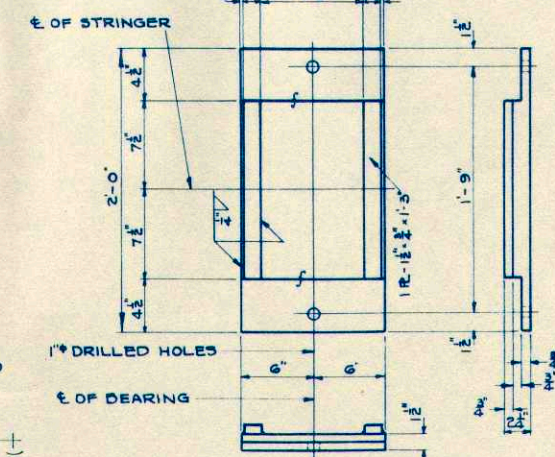


PLATE A
10 REQ.

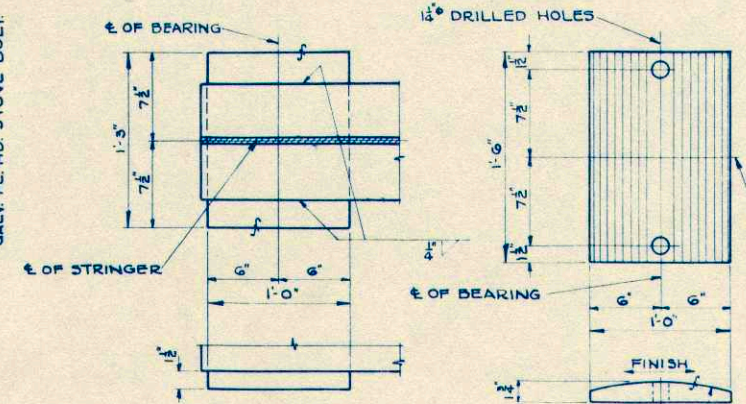
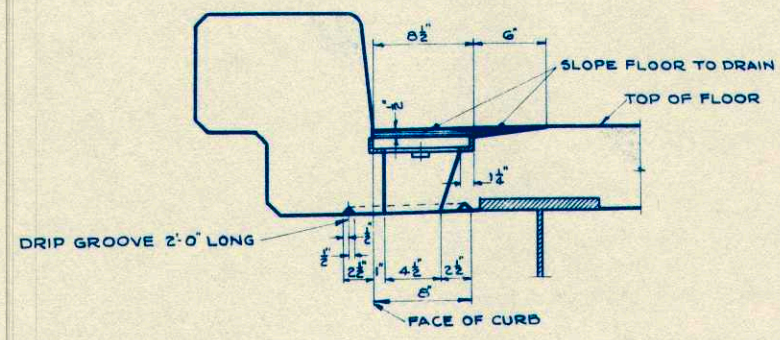


PLATE B
10 REQ.

PLATE C
5 REQ.

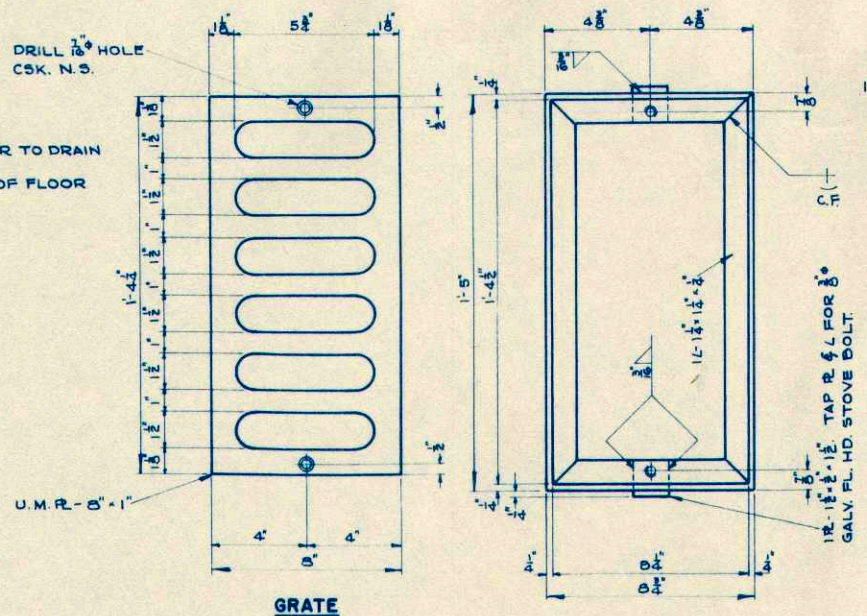
BEARING DETAILS

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 CUTS. CURVED SURFACE OF PLATES 'C' SHALL BE MACHINE FINISHED IN THE DIRECTION OF CURVATURE. PINS SHALL BE STRUCTURAL STEEL AND SHALL BE FINISHED AS INDICATED. BASIS OF PAYMENT FOR 1" SIDE PLATES OF BEARINGS WILL BE FOR ACTUAL SIZE.



SECTION THRU DRAIN

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

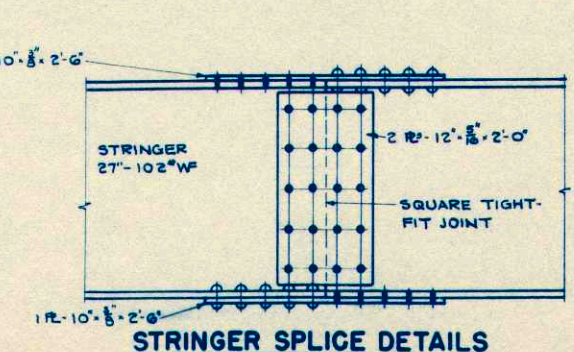
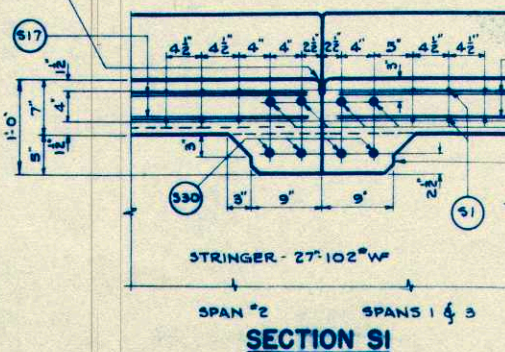
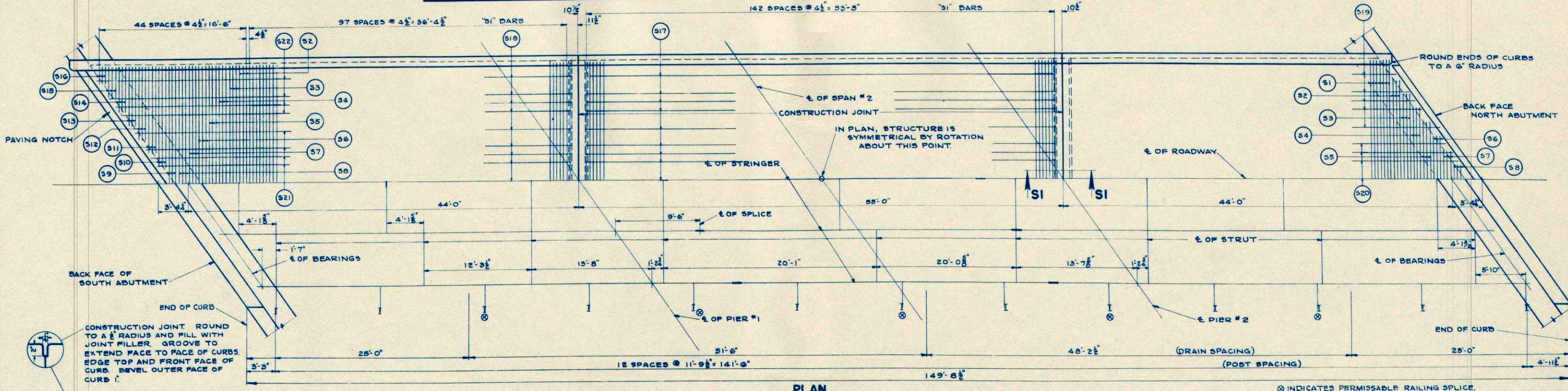
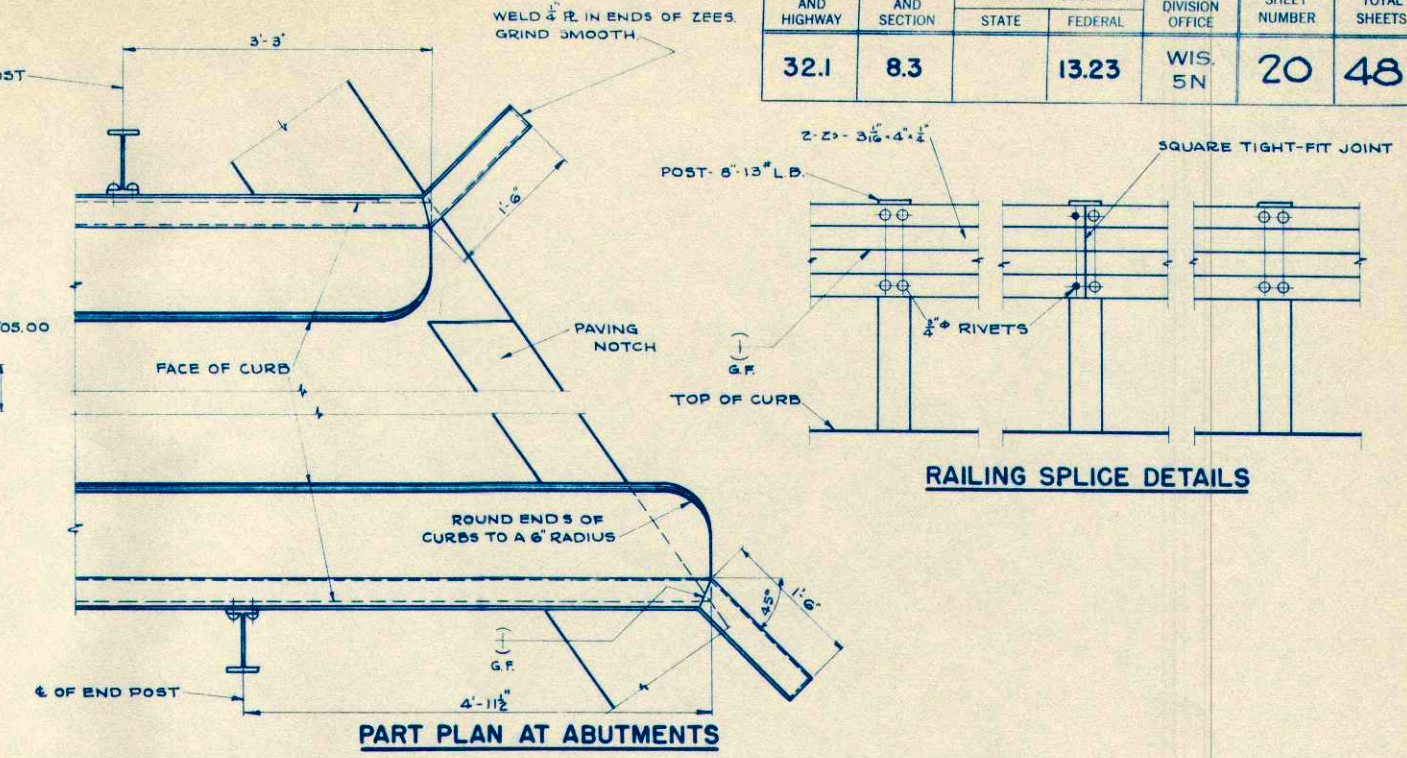
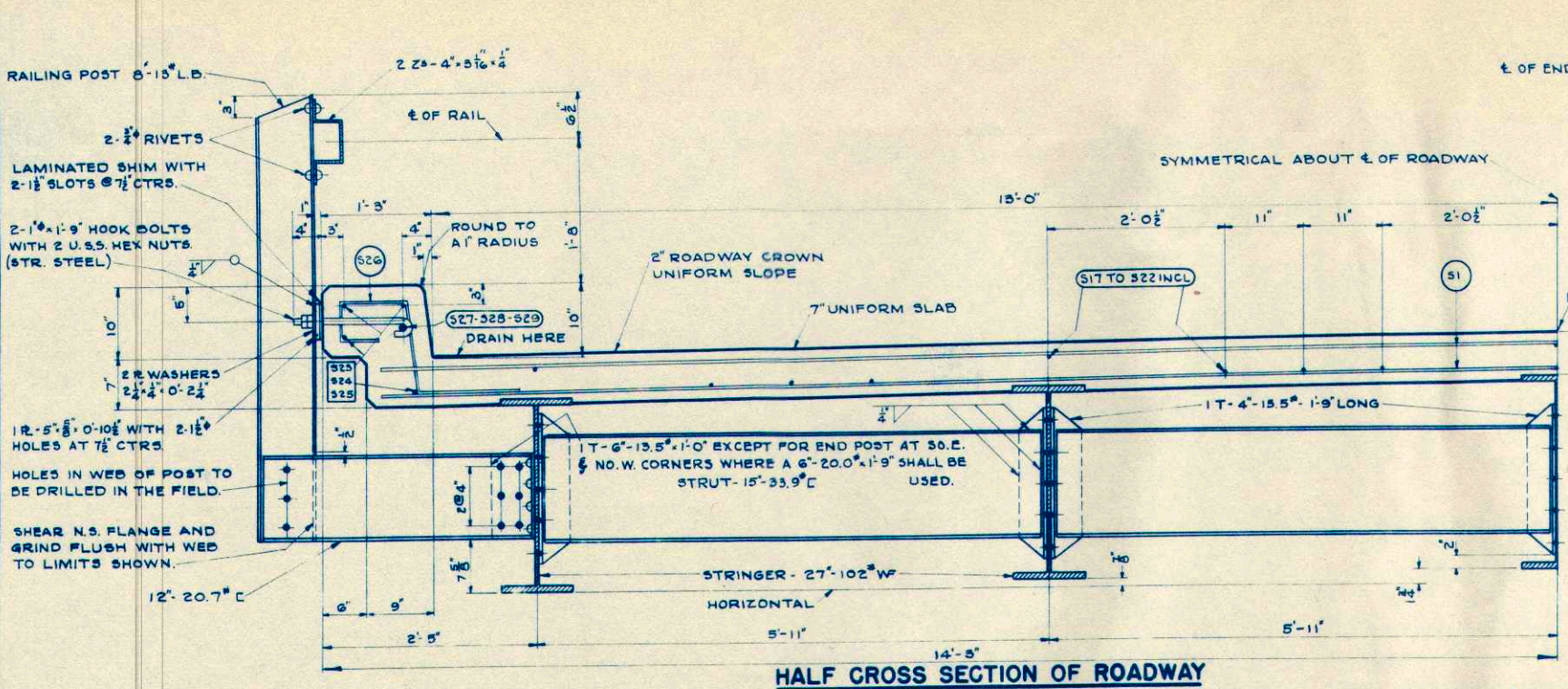


DRAIN DETAILS
6 REQUIRED COMPLETE

* SEE DRAWING X11429.

REVISED	STATE HIGHWAY COMMISSION OF WISCONSIN				
	SUPERSTRUCTURE				
	CO. LA CROSSE	CITY HOLLAND	STA. 30+		
	SECTION 7	TOWN 17 N	RANGE 7 W		
	DATE 2-24-48	DRWN. G. J. A. E.	CRD. W. J. P.	SPEC. 1941	LOAD H 20*
CORRECT	G. J. A. E. BRIDGE ENGINEER				
APPROVED	E. B. Rostrom STATE HIGHWAY ENGINEER				

COUNTY AND HIGHWAY	ROUTE AND SECTION	CLASS AND AGREEMENT		FEDERAL DIVISION OFFICE	SHEET NUMBER	TOTAL SHEETS
32.1	8.3	13.23	FEDERAL	WIS. 5N	20	48



GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.
 ALL CONCRETE MASONRY SHALL BE GRADE "AA".
 BEVEL EXPOSED EDGES OF CONCRETE 1", UNLESS OTHERWISE SPECIFIED.
 CUT OFF "SI" BARS IN FLOOR AT FLOOR DRAINS.
 ALL SHOP AND FIELD RIVETS SHALL BE 3/4" UNLESS OTHERWISE SPECIFIED.
 CONCRETE IN FLOOR OF SPANS 1 & 3 SHALL BE POURED BEFORE THAT IN THE FLOOR OF SPAN 2.
 PILES AT ABUTMENTS SHALL BE TREATED TIMBER PILES 50'-0" LONG AND SHALL BE DRIVEN TO A MINIMUM BEARING VALUE OF 18 TONS PER PILE. PILES AT PIERS SHALL BE UNTREATED TIMBER PILES 30'-0" LONG AND SHALL BE DRIVEN TO A MINIMUM BEARING VALUE OF 20 TONS PER PILE.
 DO NOT LAP THE S27, S28 & S29 BARS.
 THE SLOPE OF THE FILL AT THE FRONT FACE OF THE ABUTMENTS SHALL BE RIPRAPPED AS SHOWN ON X11429.

* SEE DRAWING X11429.

REVISED	STATE HIGHWAY COMMISSION OF WISCONSIN			
	SUPERSTRUCTURE			
	CO. LA CROSSE	TOWN HOLLAND	STA. 30+	90.00
	SECTION 7	TOWN 17 N	RANGE 7 W	
	DATE 3/25/48	DRWN. C. CKD. WHP.	SPEC. 1941	LOAD M 20
CORRECT	G. J. R. S.			BRIDGE ENGINEER
APPROVED	E. G. Rostrom			STATE HIGHWAY ENGINEER

STRUCTURE **B-32-5** SHEET **3** OF **4**

EACH LINE OF STRINGERS (SPANS 1, 2 & 3) SHALL BE COMPLETELY ASSEMBLED AND FITTED IN THE SHOP BEFORE DRILLING OR REAMING SPLICES. HOLES FOR SPLICES MAY BE EITHER DRILLED FROM THE SOLID OR SUB-PUNCHED AND REAMED WHILE ASSEMBLED. MATCH-MARK ALL STRINGERS AND SPLICES.

COUNTY AND HIGHWAY	ROUTE AND SECTION	CLASS AND AGREEMENT STATE FEDERAL	FEDERAL DIVISION OFFICE	SHEET NUMBER	TOTAL SHEETS
32.1	8.3	1323	WIS. 5N	21	48

BILL OF BARS SUPERSTRUCTURE

NO.	MARK	SIZE	LENGTH	SPACING	LOCATION	LOCATION
678	S1	1/2"	27-0	4"	FLOOR	ALL SPANS
12	S2	1/2"	25-0	4"	"	" SPANS 1 & 3
12	S3	1/2"	23-5	4"	"	" " 1 & 3
12	S4	1/2"	21-9	4"	"	" " 1 & 3
12	S5	1/2"	20-0	4"	"	" " 1 & 3
12	S6	1/2"	18-6	4"	"	" " 1 & 3
12	S7	1/2"	17-0	4"	"	" " 1 & 3
12	S8	1/2"	15-0	4"	"	" " 1 & 3
12	S9	1/2"	13-6	4"	"	" " 1 & 3
12	S10	1/2"	12-0	4"	"	" " 1 & 3
12	S11	1/2"	10-3	4"	"	" " 1 & 3
12	S12	1/2"	8-9	4"	"	" " 1 & 3
12	S13	1/2"	7-3	4"	"	" " 1 & 3
12	S14	1/2"	5-6	4"	"	" " 1 & 3
12	S15	1/2"	4-0	4"	"	" " 1 & 3
12	S16	1/2"	2-6	4"	"	" " 1 & 3
34	S17	1/2"	28-6	SHOWN	"	" 2
34	S18	1/2"	24-0	"	"	" " 1 & 3
10	S19	1/2"	20-6	"	"	" " 1 & 3
8	S20	1/2"	24-6	"	"	" " 1 & 3
8	S21	1/2"	28-6	"	"	" " 1 & 3
8	S22	1/2"	32-6	"	"	" " 1 & 3
16	S23	1/2"	20-0	"	CURBS	" " 1 & 3
16	S24	1/2"	29-0	"	"	" " 1 & 3
16	S25	1/2"	28-6	"	"	" " 2
200	S26	1/2"	4-0	1'-6"	"	ALL SPANS **
4	S27	1/2"	28-3	SHOWN	"	SPANS 1 & 3
4	S28	1/2"	18-3	"	"	" " 1 & 3
4	S29	1/2"	27-3	"	"	" " 2
32	S30	1/2"	5-3	"	CROSS GIRDERS	" " 2
8	A31	1/2"	27-0	"	"	" " 2

ABUTMENTS

NO.	MARK	SIZE	LENGTH	SPACING	LOCATION	LOCATION
88	A1	1/2"	4-9	1'-0"	FOOTINGS	"
8	A2	1/2"	23-0	SHOWN	"	"
20	A3	1/2"	23-0	"	BODY	"
66	A4	1/2"	7-9	"	"	**
22	A5	1/2"	5-9	1'-0"	"	**
4	A6	1/2"	23-0	SHOWN	"	"
12	A7	1/2"	11-6	1'-0"	WINGS	**
8	A8	1/2"	15-3	1'-0"	"	**
70	A9	1/2"	12-0	1'-0"	PARAPET	**
3	A10	1/2"	22-6	SHOWN	"	"
8	A11	1/2"	23-0	1'-0"	"	"
40	A12	1/2"	4-0	6	GRIDS	"

**SEE DETAILS OF BAR.

* SEE DRAWING X11429

REVISIONS

STATE HIGHWAY COMMISSION OF WISCONSIN

PIERS & BILL OF BARS

CO. LA CROSSE TOWN HOLLAND STA. 30+ 90.00

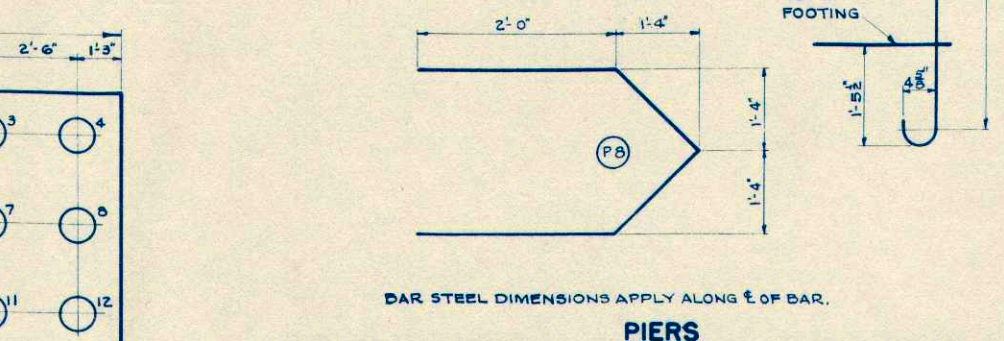
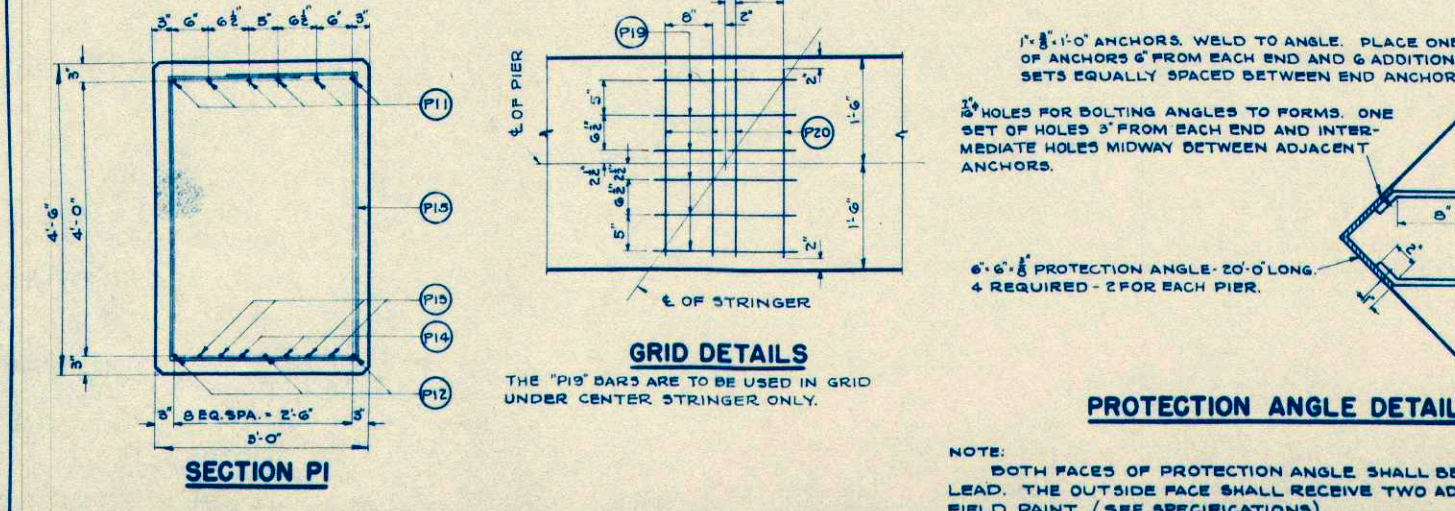
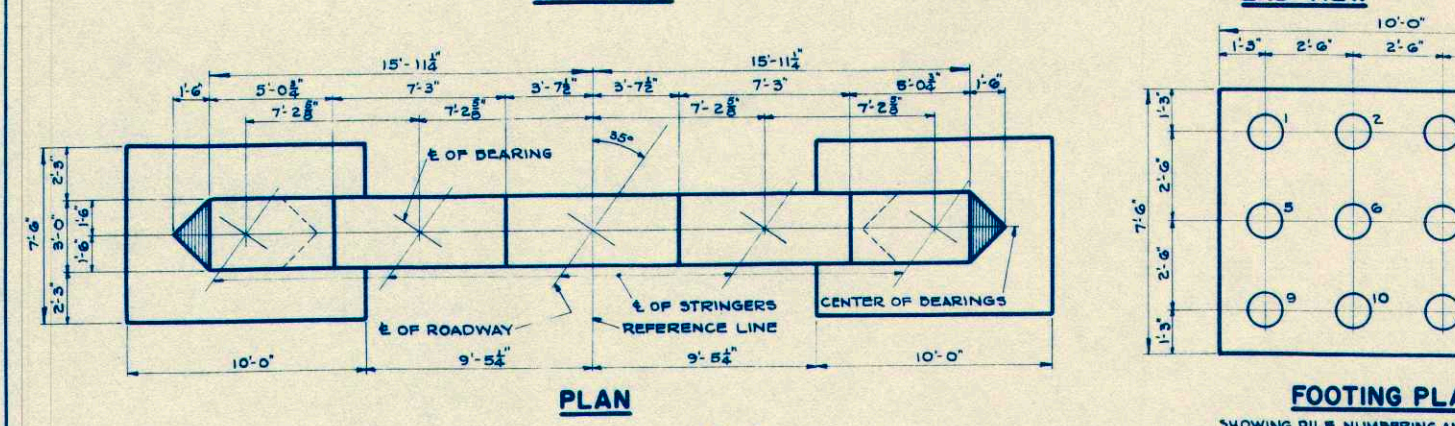
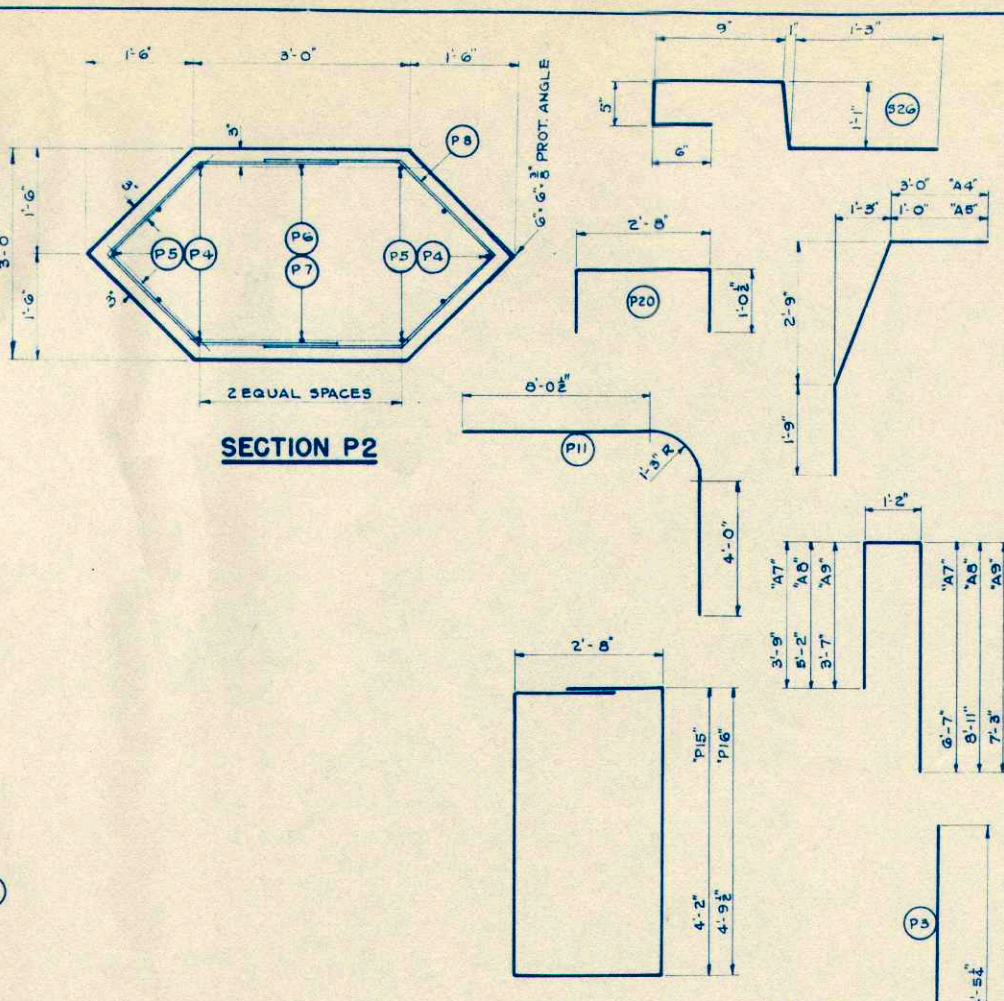
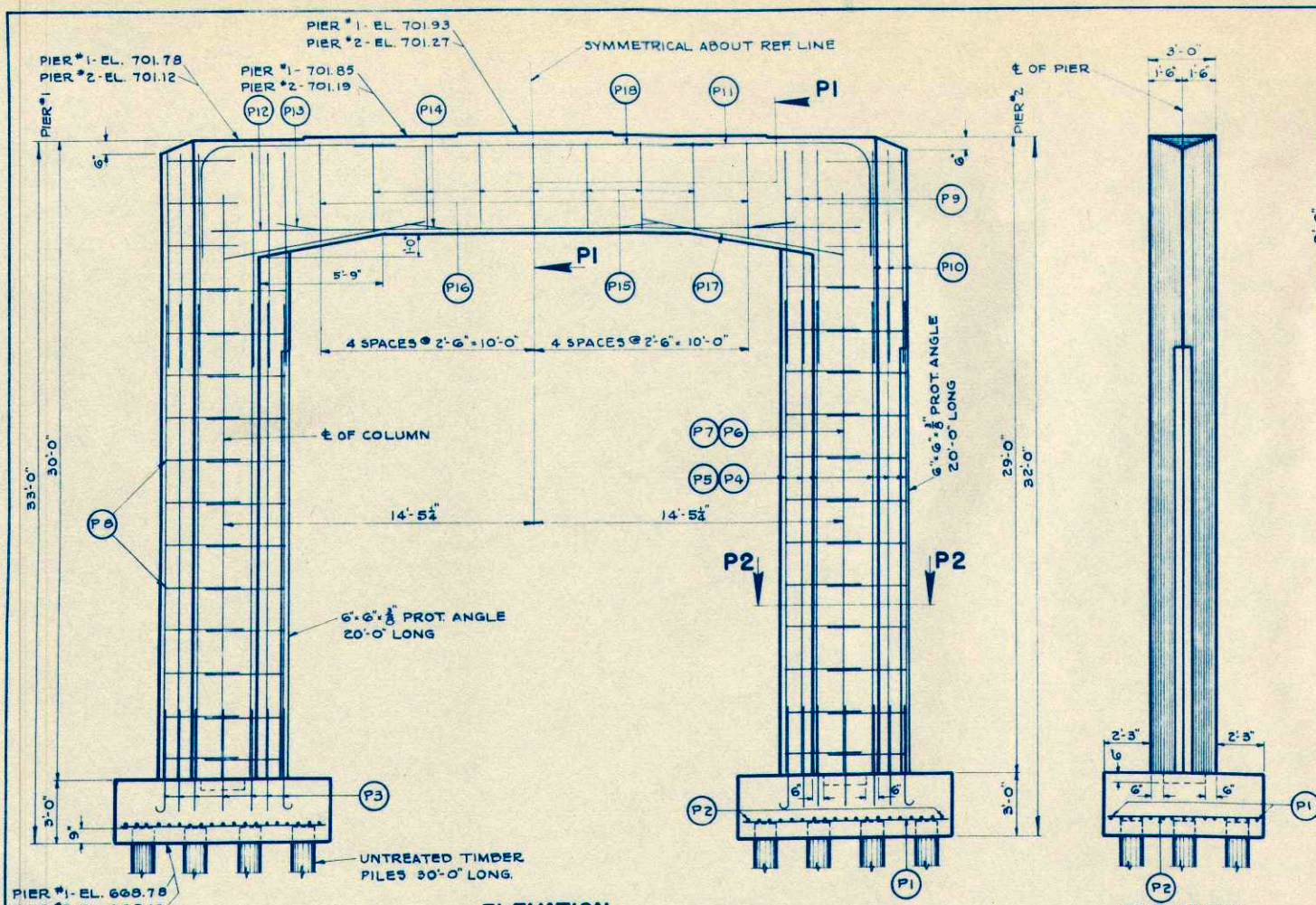
SECTION 7 TOWN 17 N RANGE 7 W

DATE 2/29/24 DRWN. G. CKD. JWP SPEC. 1941 LOAD H 20*

CORRECT *G. W. ...* BRIDGE ENGINEER

APPROVED *G. W. ...* STA. & HIGHWAY ENGINEER

STRUCTURE B-32-5 SHEET 4 OF 4



NO.	MARK	SIZE	LENGTH	SPACING	LOCATION	LOCATION
72	P1	1/2"	9-6	5"	FOOTINGS	"
80	P2	1/2"	7-0	6"	"	"
48	P3	1/2"	5-3	SHOWN	"	**
20	P4	1/2"	23-0	"	COLUMNS	PIER #1
20	P5	1/2"	22-0	"	"	" #2
4	P6	1/2"	28-0	"	"	" #1
4	P7	1/2"	27-0	"	"	" #2
108	P8	1/2"	7-9	2'-0"	HOOPS - COLUMNS	**
20	P9	1/2"	10-0	SHOWN	TOP OF COLUMNS	"
20	P10	1/2"	10-0	"	"	"
24	P11	1/2"	14-0	"	"	**
6	P12	1/2"	30-6	"	GIRDER	"
8	P13	1/2"	24-6	"	"	"
4	P14	1/2"	12-0	"	"	"
14	P15	1/2"	14-9	2'-6"	"	**
4	P16	1/2"	16-0	2'-6"	"	**
16	P17	1/2"	9-6	10	HAUNCHES	"
4	P18	1/2"	15-0	2'-6"	GIRDER	"
12	P19	1/2"	2-0	"	GRIDS	"
40	P20	1/2"	4-9	"	"	**

1'-3/8" x 1'-0" ANCHORS, WELD TO ANGLE. PLACE ONE SET OF ANCHORS 6" FROM EACH END AND 6 ADDITIONAL SETS EQUALLY SPACED BETWEEN END ANCHORS.

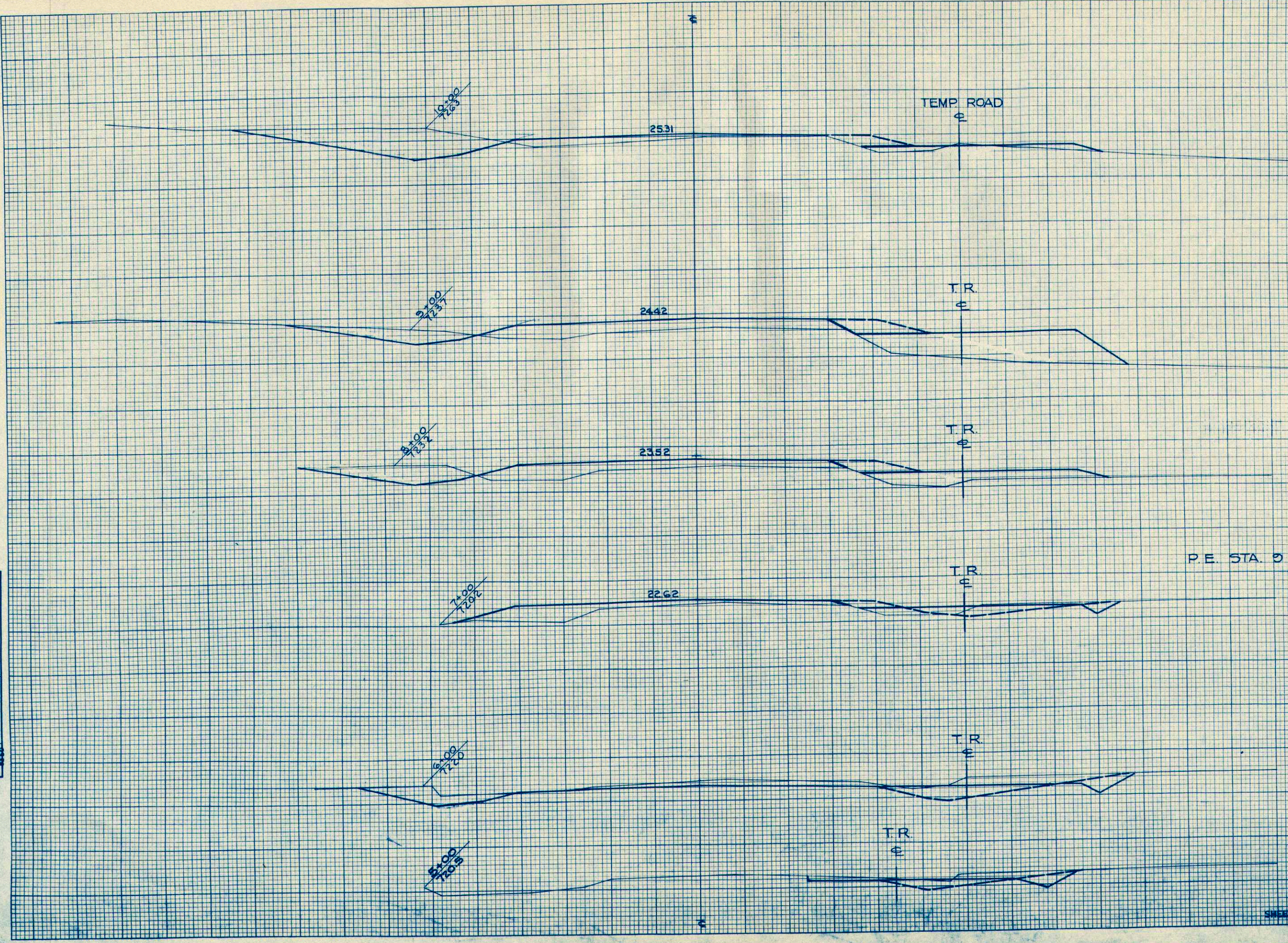
3/8" HOLES FOR BOLTING ANGLES TO FORMS. ONE SET OF HOLES 3" FROM EACH END AND INTERMEDIATE HOLES MIDWAY BETWEEN ADJACENT ANCHORS.

6" x 6" x 3/8" PROTECTION ANGLE - 20'-0" LONG. 4 REQUIRED - 2 FOR EACH PIER.

NOTE:
BOTH FACES OF PROTECTION ANGLE SHALL BE PAINTED WITH RED LEAD. THE OUTSIDE FACE SHALL RECEIVE TWO ADDITIONAL COATS OF FIELD PAINT. (SEE SPECIFICATIONS)

FINAL SURVEY SURVEYED BY DATE
 NOTE BOOK NO. TEMPLATE AREAS CHECKED

ORIGINAL SURVEY SURVEYED BY DATE
 NOTE BOOK NO. TEMPLATE AREAS CHECKED

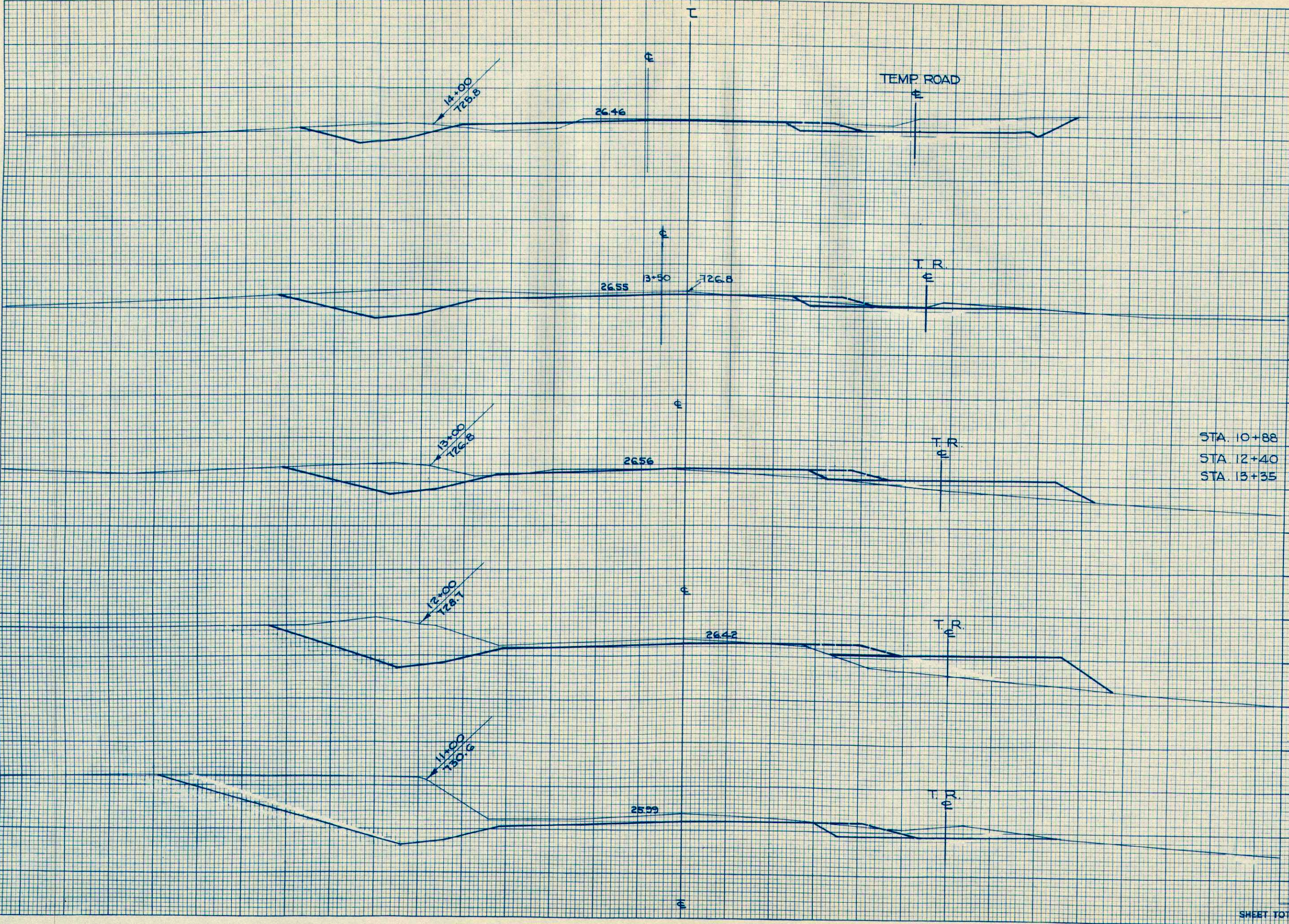


STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
		COMMON	
4	41		0
5	163		0
6	143		80
7	60		228
8	85		406
9	144		320
10			
			30
P.E. STA. 0+58 LT. 0			
SHEET TOTAL		645	1064

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F08-3(23)	23	48

FINAL SURVEY PLOTTED
 NOTE BOOK TEMPLATE NO. 1150
 AREAS CHECKED

ORIGINAL SURVEY PLOTTED
 NOTE BOOK TEMPLATE NO. 1150
 AREAS CHECKED



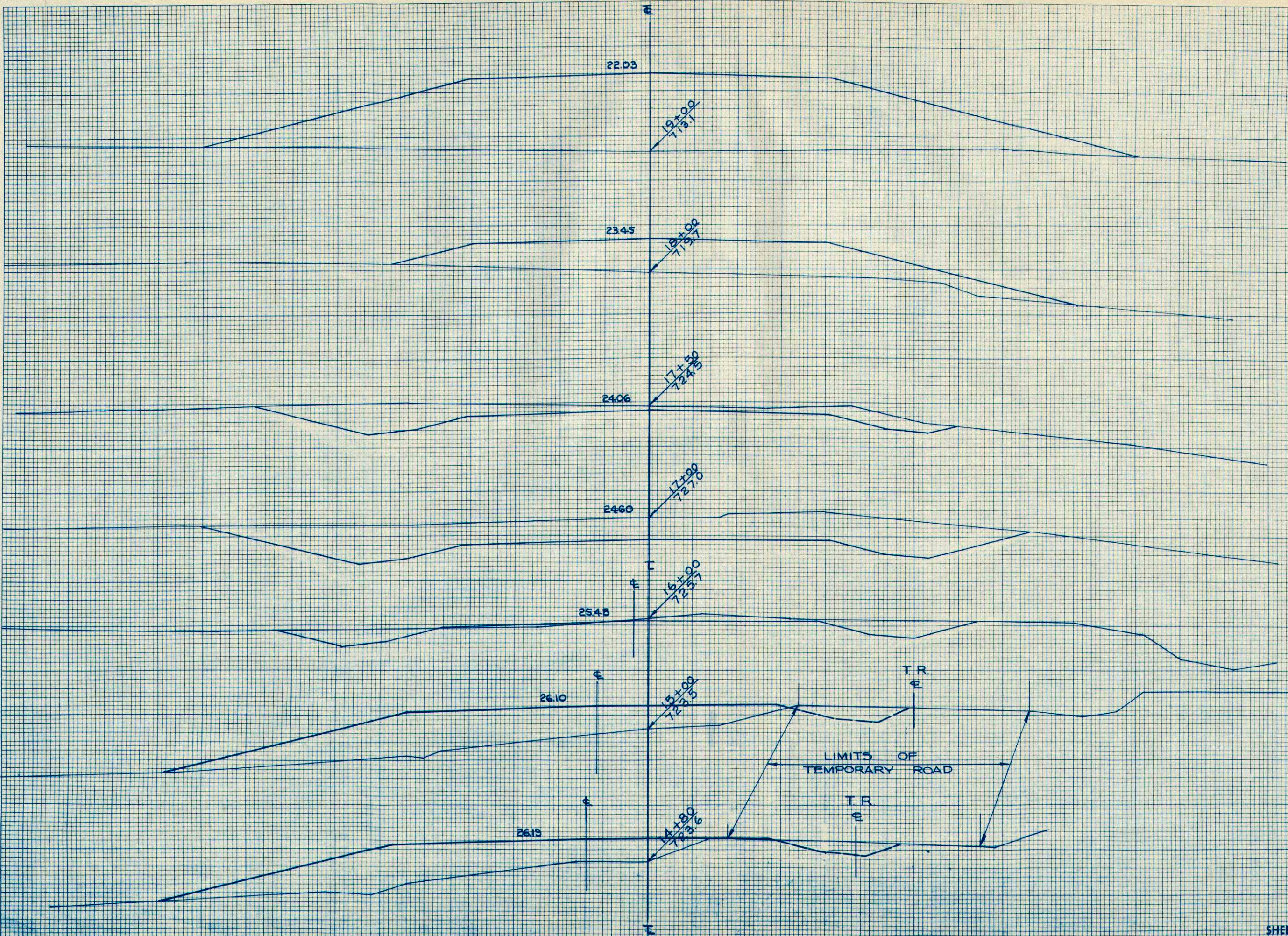
STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
		COMMON	
10		478	67
11		544	144
12		259	224
13		96	48
+50			
14		109	15
STA. 10+88	PERT. 0		10
STA. 12+40	PERT. 0		40
STA. 13+35	PERT. 0		10
SHEET TOTAL		1486	558

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
4	WISC.	100-104	24	48

DIVISION JOB NO. 5826

FINAL SURVEY
 SURVEYED
 PLOTTED
 TEMPLATE
 NOTE BOOK
 AREA CHECKED
 NO. _____

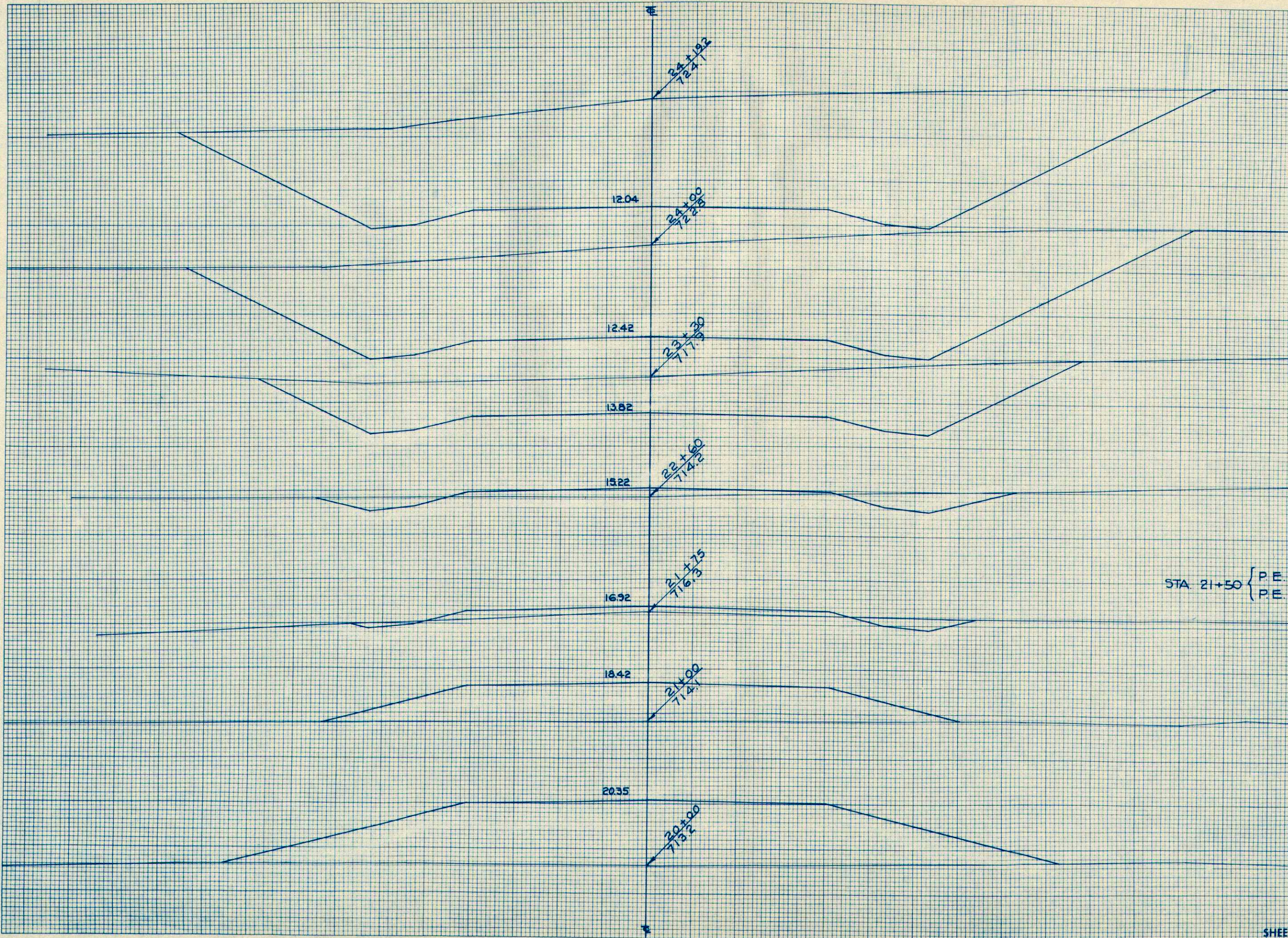
ORIGINAL SURVEY
 SURVEYED
 PLOTTED
 NOTE BOOK
 AREA CHECKED
 NO. 8479



STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
		COMMON	
14			
+80	109		261
15	11		139
16	144		380
17	585		4
+50	330		0
18	93		202
19	0		1504

SHEET TOTAL 1272 2490

STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
		COMMON	
19		0	1967
20		0	1298
21		20	363
+75		91	89
22		598	35
+60			
23		1867	0
+30			
24		417	0
H9 ³			
RT.		0	10
LT.		0	10
SHEET TOTAL		2993	3772



STA. 21+50 { P.E. RT. 0 10
P.E. LT. 0 10

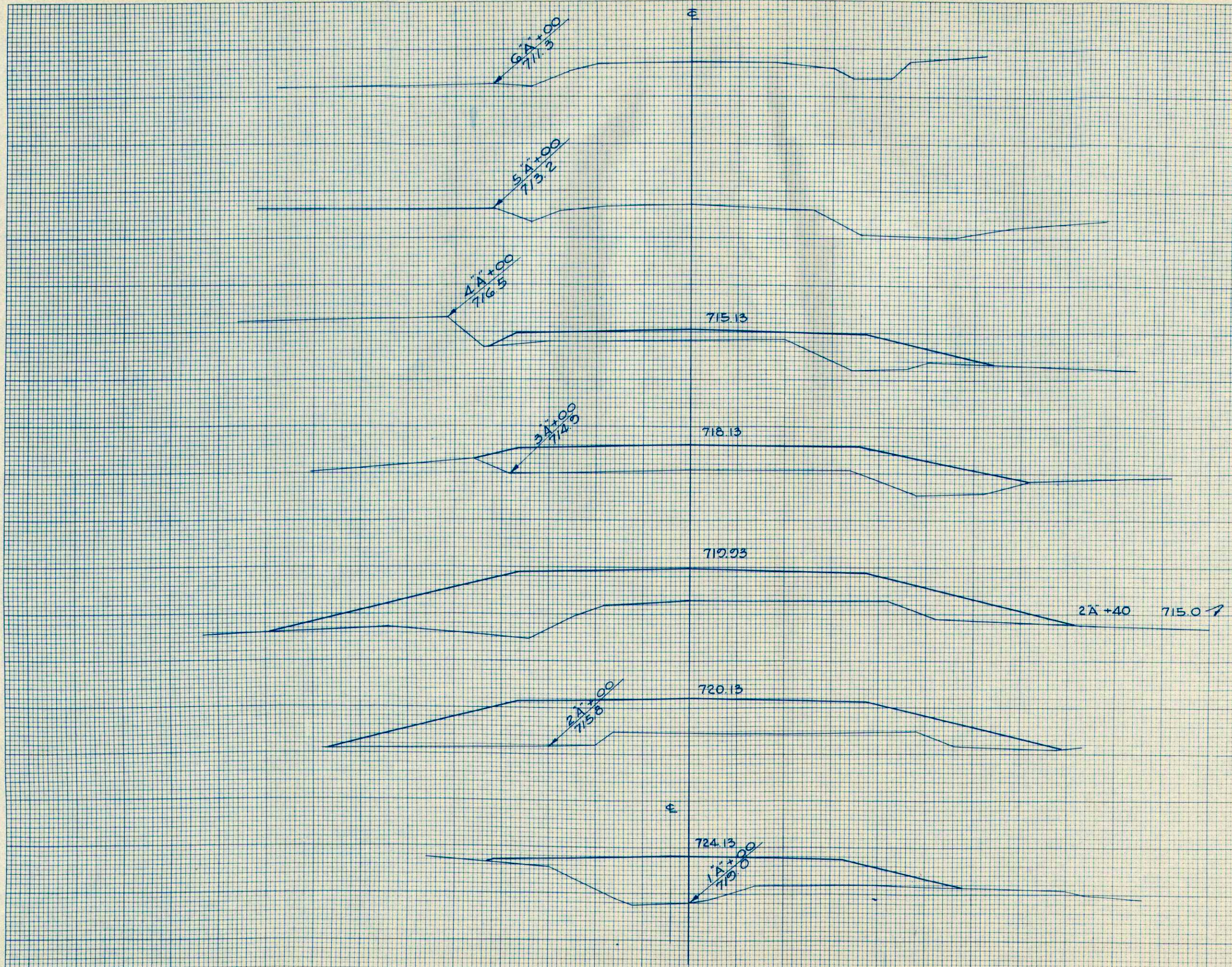
DATE: _____
BY: _____
FINAL SURVEY
NOTE BOOK NO. _____
CHECKED: _____

DATE: 5-27
E.C.G.
ORIGINAL SURVEY
NOTE BOOK NO. 8479
CHECKED: _____

DIVISION JOB NO.

ORIGINAL SURVEY	
BY _____	DATE _____
SURVEYED _____	
TEMPLATE _____	
AREAS _____	
CHECKED _____	
NO. _____	

FINAL SURVEY	
BY _____	DATE _____
SURVEYED _____	
TEMPLATE _____	
AREAS _____	
CHECKED _____	
NO. _____	



STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
0A+16			
1A	○		369
2A	○		678
40	○		372
3A	○		474
4A	○		424
4A+50			70
SHEET TOTAL	○		2387

F08-3(23)

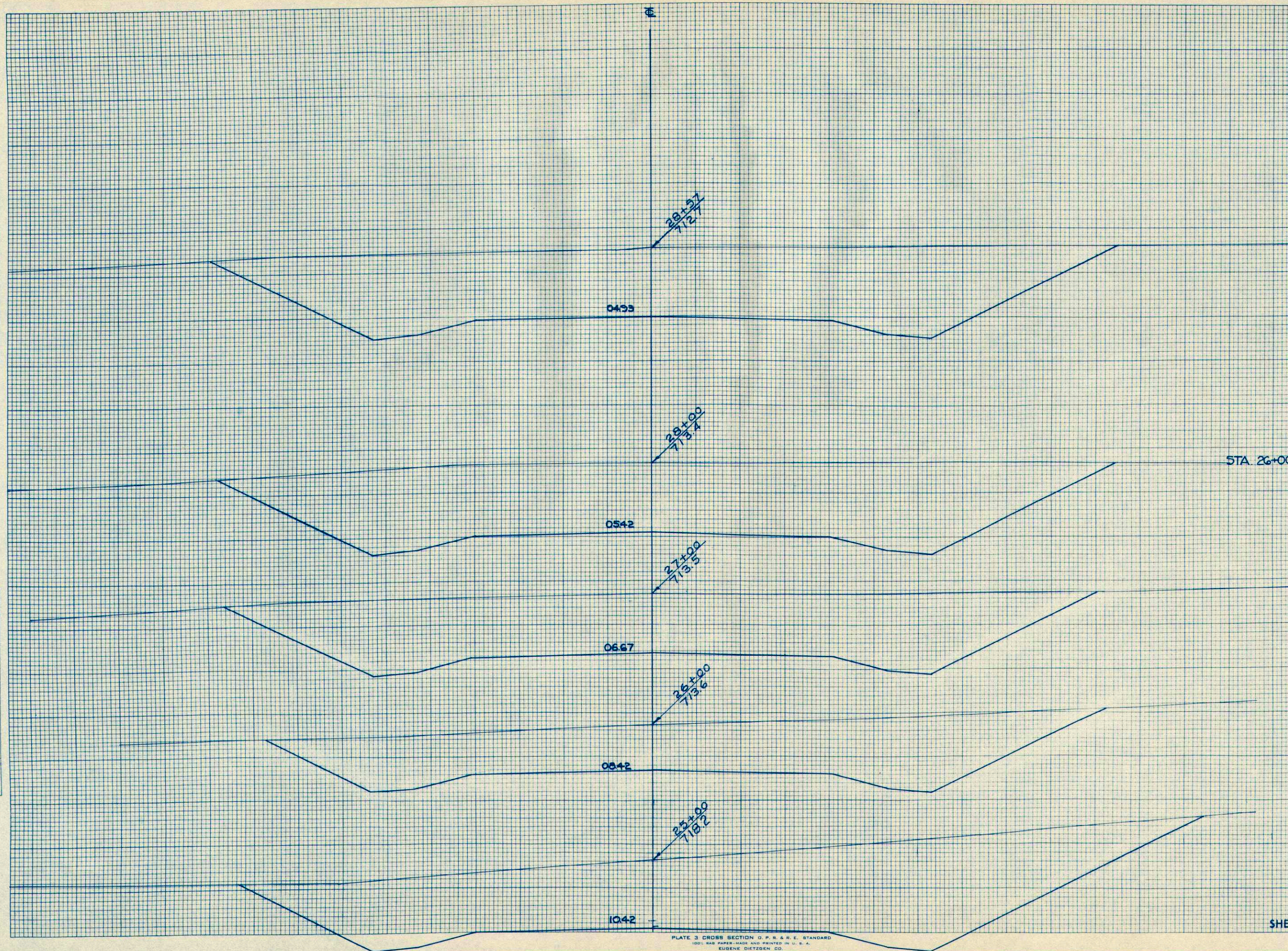
FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
4	WISC.	5826	27	48

DIVISION JOB NO. 5826

STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
24+19.8			
		2896	0
25		2367	0
26		2058	0
27		2503	0
28		1535	0
+57			
			20

STA. 26+00 PE LT. 75

SHEET TOTAL 11440 20



FINAL SURVEY

BY _____ DATE _____

SURVEYED _____

PLOTTED _____

NOTE BOOK _____

AREAS CHECKED _____

NO. _____

ORIGINAL SURVEY

BY F. C. S. DATE 5-47

SURVEYED _____

PLOTTED _____

NOTE BOOK _____

AREAS CHECKED _____

NO. 8877

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
4	WISC.	100-10	28	48

DIVISION JOB NO. 5826

STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
28+57	643		313
29+25	67		533
+50	59		706
+75	76		711
STA. 28+60 EARTH DAM	LT. 0		10
SHEET TOTAL		845	2273

04.44

29+15
692.6

04.48

29+30
690.9

04.56

29+25
691.8

04.67

29+00
698.7

STA. 28+60
EARTH DAM

FINAL SURVEY
NO. 8479

ORIGINAL SURVEY
NO. 8479

FINAL SURVEY NO. 847

BY: L.C.G.

DATE: 5-47

REVISIONS: 1-47

NO. 847

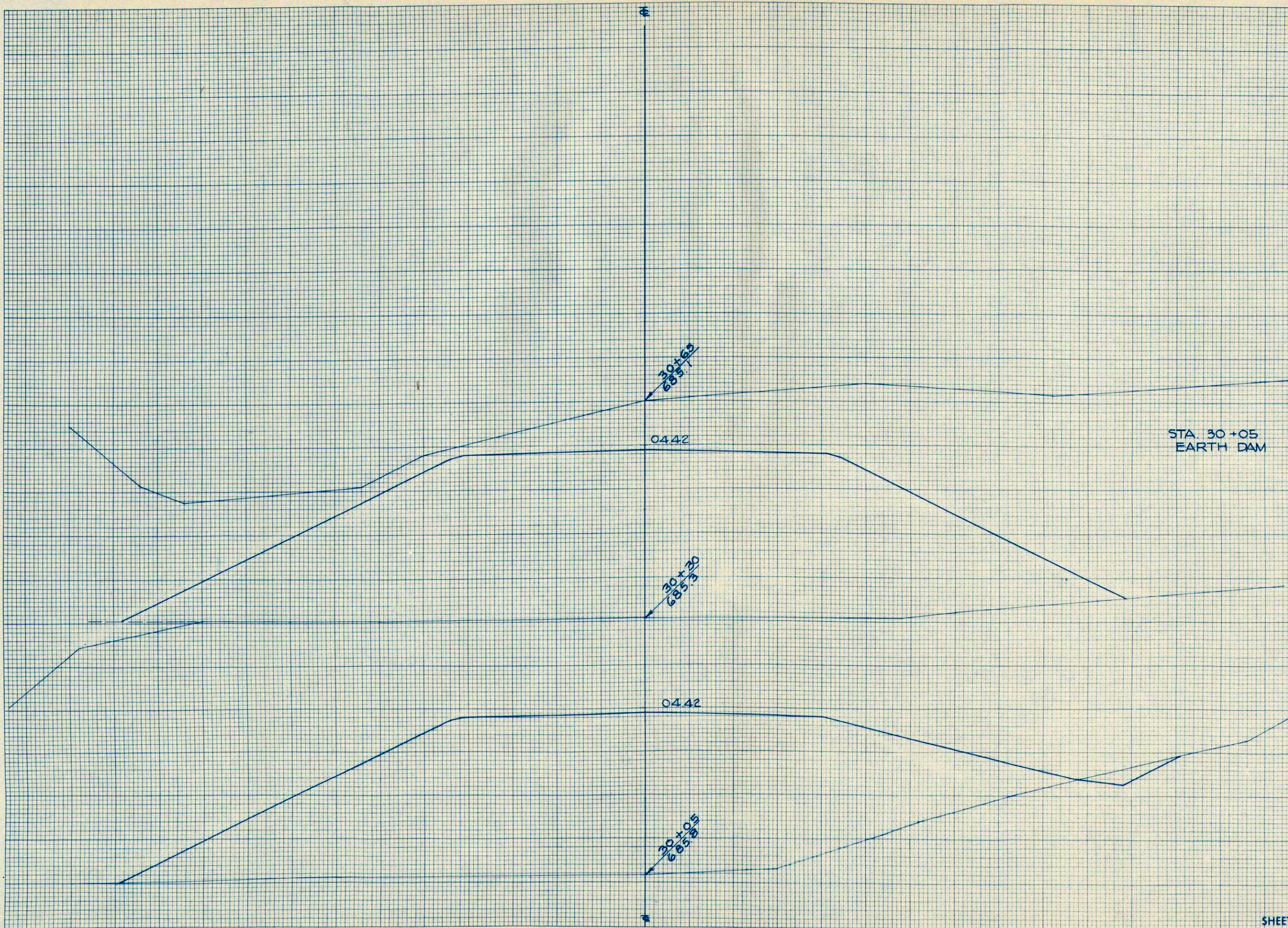
ORIGINAL SURVEY NO. 847

BY: L.C.G.

DATE: 5-47

REVISIONS: 1-47

NO. 847



STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
29+75	57		569
30+05	0		517
+15	0		413
+25	0		517
+50			
RT.			10

SHEET TOTAL 57 2426

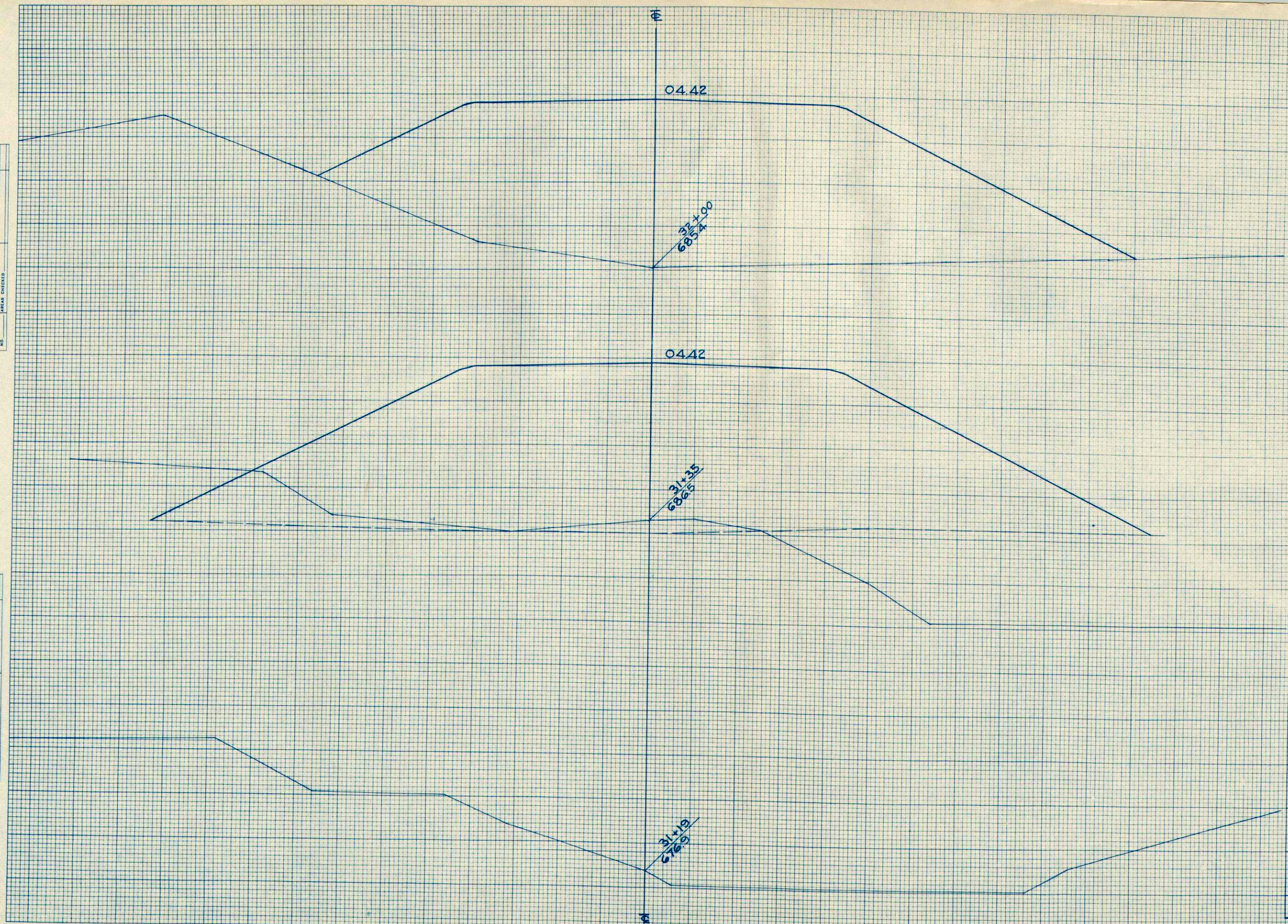
F08-3(23)

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
4	WISC.	100-100	30	48

DIVISION JOB NO. 5826

FINAL SURVEY
 SURVEYED _____
 PLOTTED _____
 NOTE BOOK NO. _____
 AREAS CHECKED _____

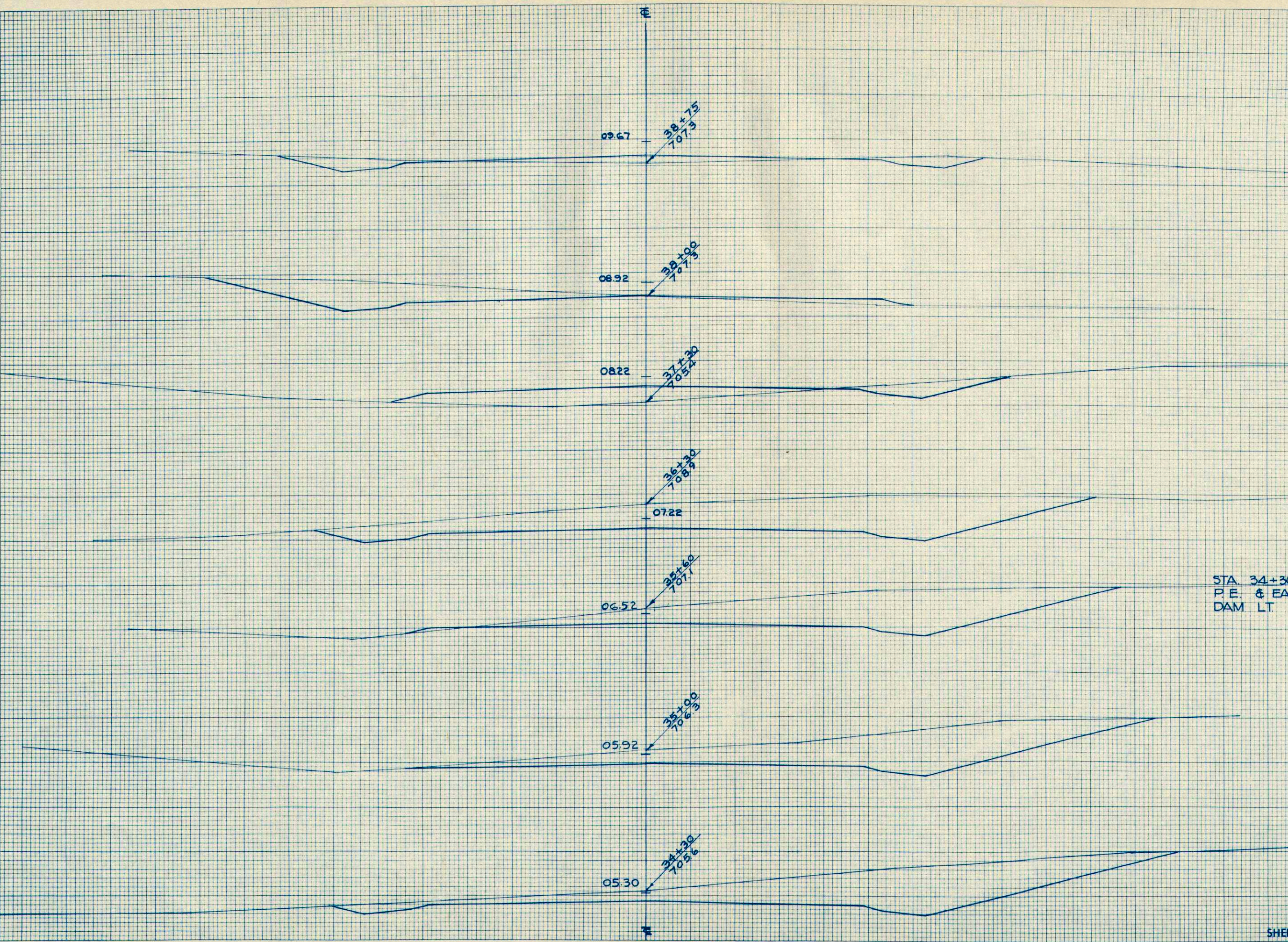
ORIGINAL SURVEY
 SURVEYED _____
 PLOTTED _____
 NOTE BOOK NO. 8479
 AREAS CHECKED _____



STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
31			
+30			
+55	0		511
+65	0		409
32	0		1739
SHEET TOTAL		0	2659

DATE _____ BY _____
 SURVEYED _____ PLOTTED _____
 ORIGINAL SURVEY NO. 8473 AREAS CHECKED _____

DATE 5-27 BY F.C.G.
 SURVEYED _____ PLOTTED _____
 ORIGINAL SURVEY NO. 8473 AREAS CHECKED _____

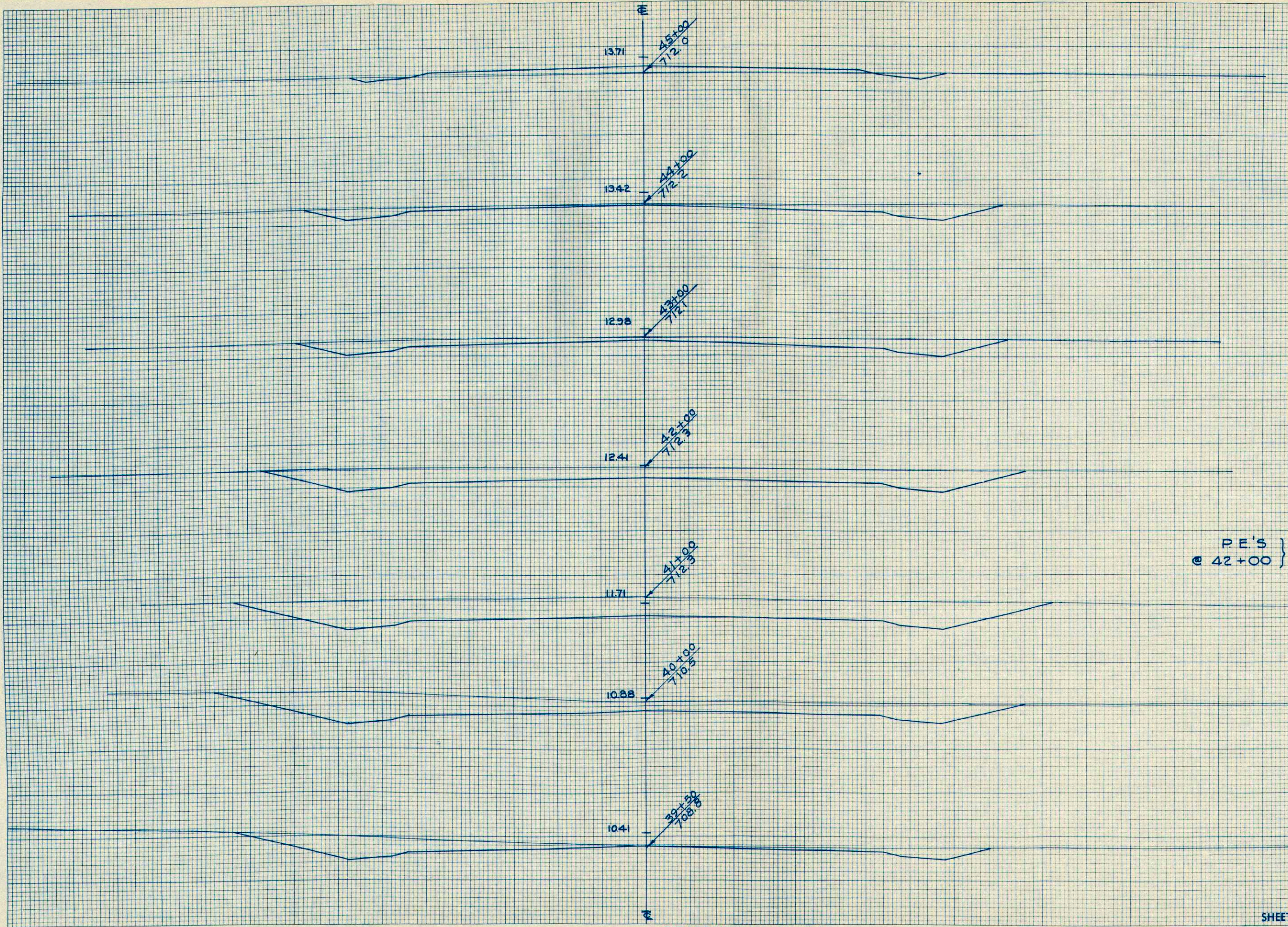


STATION	DISTANCE	YARDAGE		
		EXCAVATION COMMON	BALLAST	FILL
33+80		583	43	0
34+30		498	117	0
35+60		402	100	4
36+30		526	117	4
37+30		456	167	120
38+75		120	150	98
		139	197	37
		0		40

STA. 34+30
 P.E. & EARTH
 DAM LT

FINAL SURVEY BY DATE
 SURVEYED BY DATE
 PLOTTED BY DATE
 NOTE BOOK NO. 8479 AREAS CHECKED

ORIGINAL SURVEY BY DATE
 SURVEYED BY DATE
 PLOTTED BY DATE
 NOTE BOOK NO. 8479 AREAS CHECKED



STATION	DISTANCE	YARDAGE		
		COMMON	EXCAVATION	FILL
38				
+75				
39		133		197 22
+50		213		132 0
40		669		263 0
41		619		263 0
42		370		263 0
43		217		263 0
44		98		215 56
45				
		PE'S @ 42+00		
		RT.	0	30
		LT.	0	30
SHEET TOTAL		2319		1596 138

DATE

BY

QUARTER
 SURVEY
 NOTE BOOK
 NO.

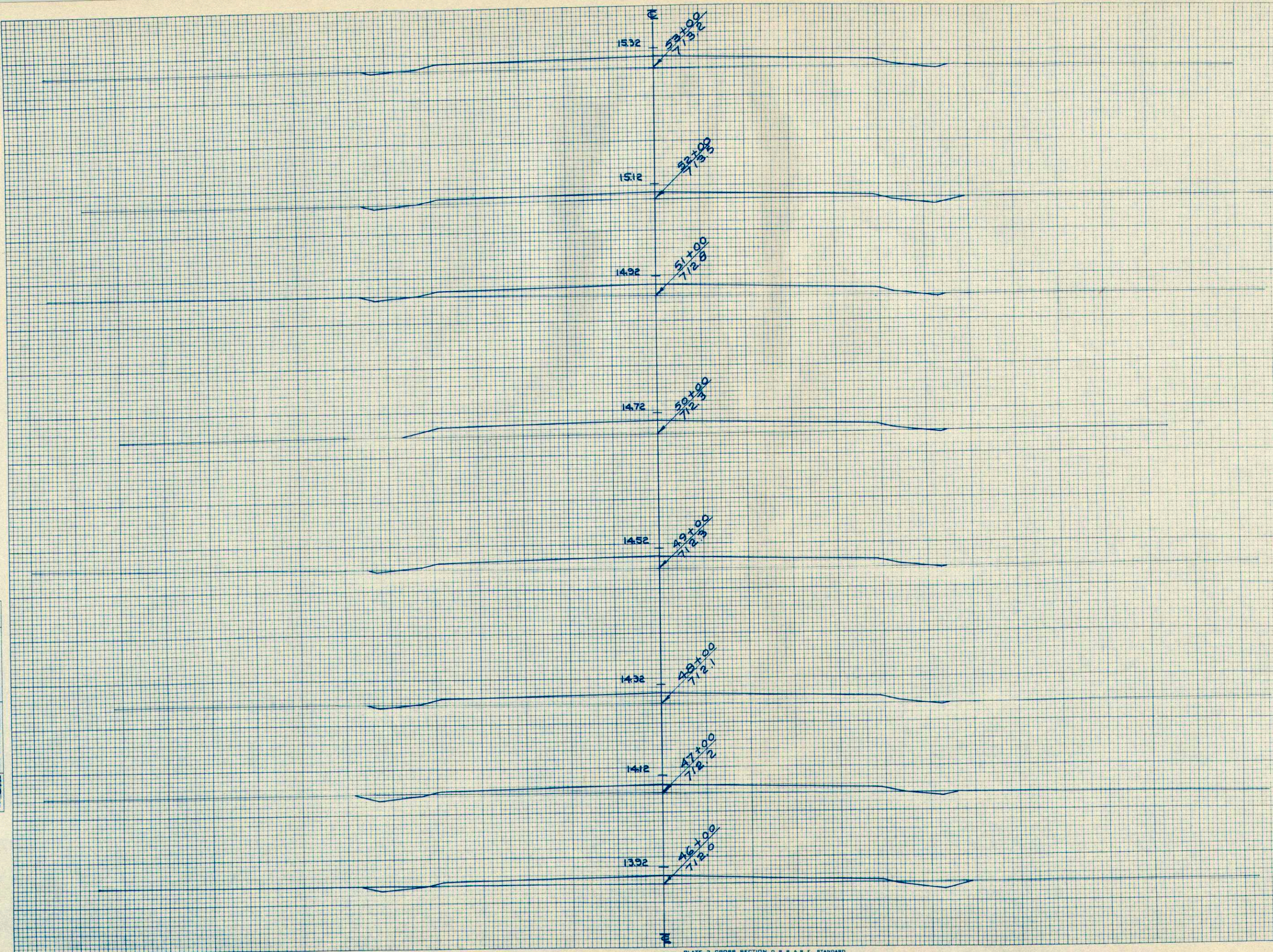
CHECKED
 BY
 DATE

DATE

BY

ORIGINAL
 SURVEY
 NOTE BOOK
 NO.

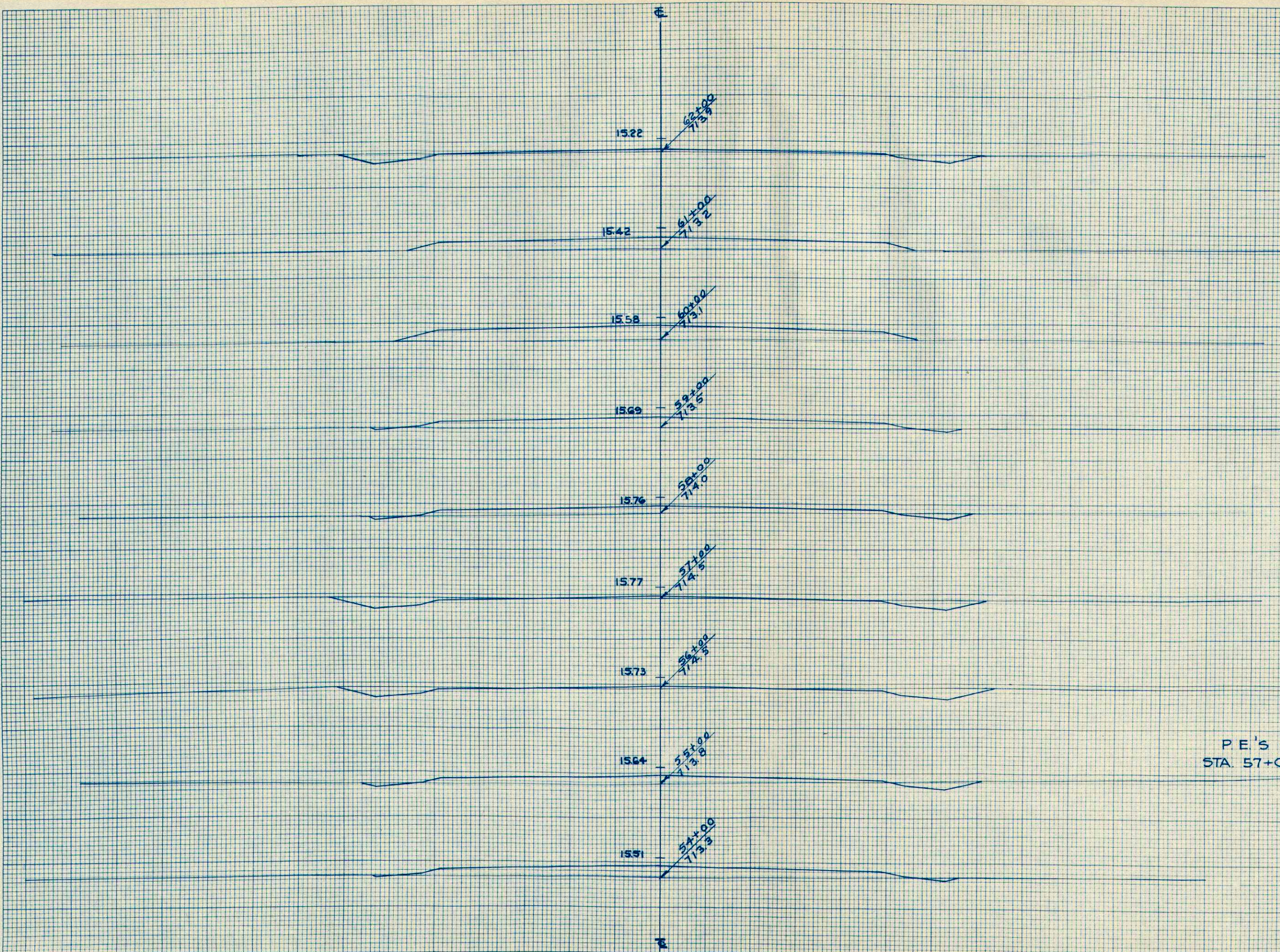
CHECKED
 BY
 DATE



STATION	DISTANCE	YARDAGE		
		COMMON	BALLAST	FILL
45	20		167	111
46	19		167	122
47	9		167	159
48	4		167	204
49	4		167	233
50	6		167	219
51	15		167	148
52	13		167	152
53				
SHEET TOTAL		90	1336	1348

FINAL SURVEY BY DATE
 SURVEYED BY DATE
 PLOTTED BY DATE
 NOTE BOOK NO. 5177
 TEMPLATE NO. 1044
 AREA CHECKED

ORIGINAL SURVEY BY DATE
 SURVEYED BY DATE
 PLOTTED BY DATE
 NOTE BOOK NO. 5177
 TEMPLATE NO. 1044
 AREA CHECKED



STATION	DISTANCE	YARDAGE		
		EXCAVATION COMMON	BALLAST	FILL
53	4			167 196
54	13			167 159
55	48			167 70
56	59			167 15
57	30			167 72
58	11			167 154
59	4			167 220
60	0			167 235
61	22			167 120
62				

PE'S @ STA. 57+00 } RT. 0 20
 LT. 0 20

SHEET TOTAL 191 1503 1281

TOTALS
 STA 4+00 TO STA 64+00

C 25,859 C.Y.
 B 1,231 C.Y.
 SAND-GRAVEL FILL 7075 C.Y.
 F 22,414 C.Y. @ 25% SHG.
 OBTAIN 228 C.Y. FROM STA 77+50 TO STA 82+04.3
 BALLAST COURSE 5,660 C.Y. @ 25% SHG.

STATION	DISTANCE	YARDAGE		
		EXCAVATION	BALLAST	FILL
62				
63	67		167	19
	111		167	2
64				
	178		334	21
64				
	76		167	67
65				
	9		167	226
66				
	0		167	333
67				
	0		167	359
68				
	0		167	467
69				
	0		156	585
+ 93 ⁵				

SHEET SUB-TOTAL 85 991 2037

61

15.60

63+00
715.35

15.24

68+00
715

4.96

68+00
721

4.78

67+00
718

4.69

66+00
719

4.71

65+00
727

4.82

64+00
740

15.02

63+00
738

61

DATE
 BY
 SURVEYED
 CHECKED
 AREA CHECKED

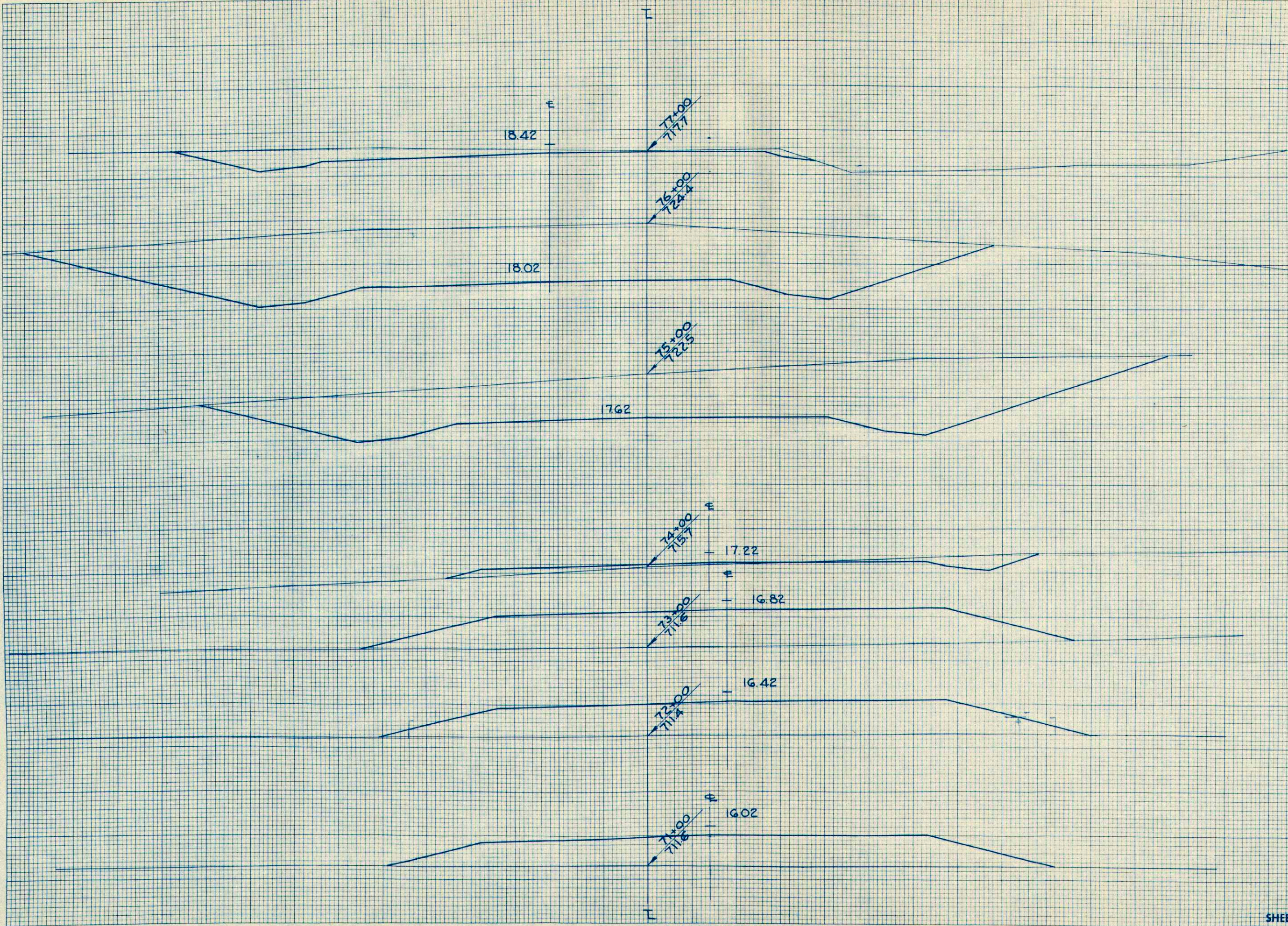
DATE
 BY
 SURVEYED
 CHECKED
 AREA CHECKED

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
4	WISC.		37	48

DIVISION JOB NO. 5826

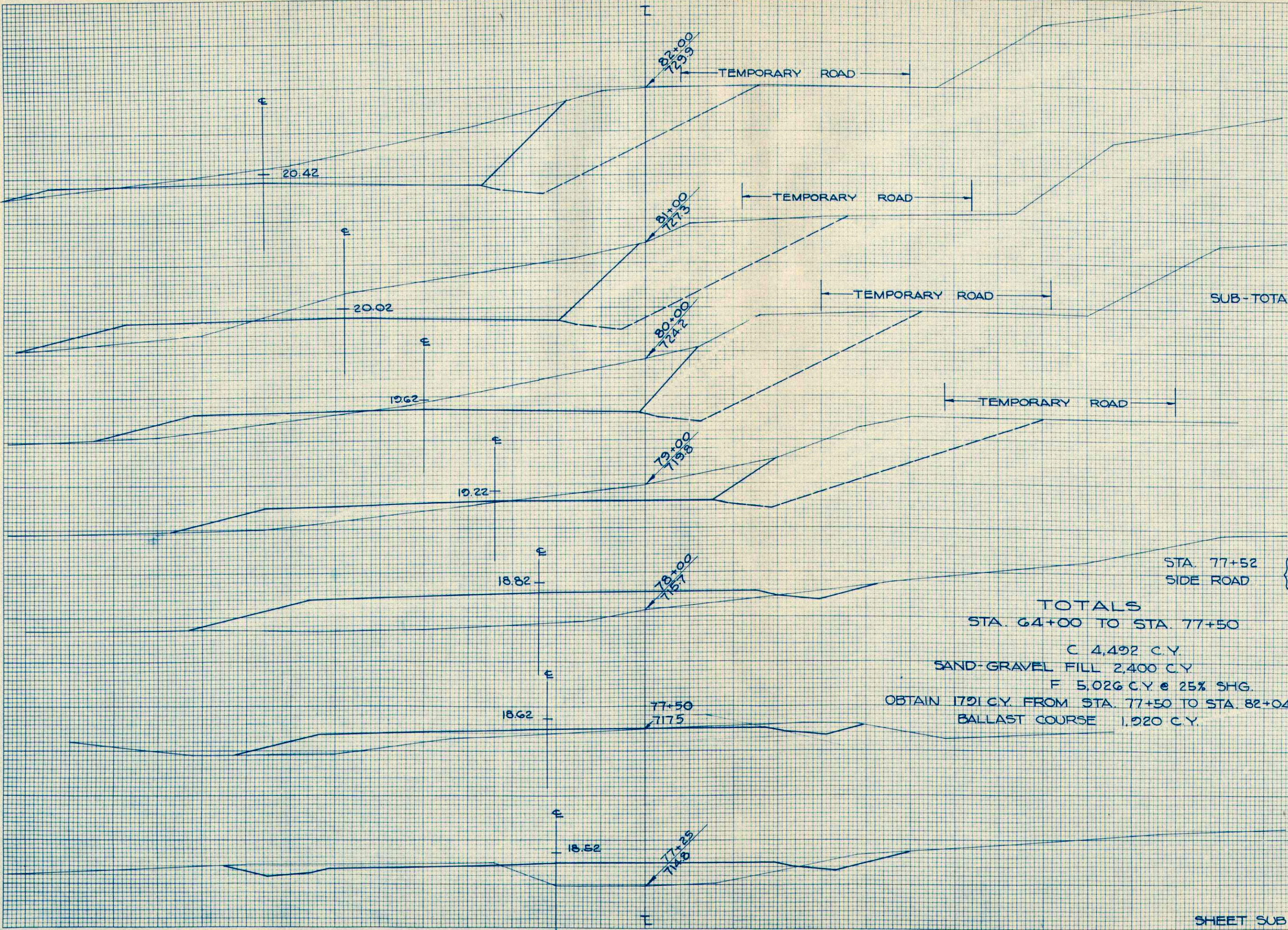
DATE _____ BY _____
 SURVEYED _____
 PLOTTED _____
 TEMPLATE _____
 AREAS CHECKED _____
 FINAL SURVEY NOTE BOOK NO. _____

DATE 5-27-37 BY E.C.G.
 SURVEYED _____
 PLOTTED _____
 TEMPLATE _____
 AREAS CHECKED _____
 ORIGINAL SURVEY NOTE BOOK NO. 5479



STATION	DISTANCE	YARDAGE			
		COMMON	EXCAVATION	BALLAST	FILL
69 + 93.5		0			
71		0		178	772
72		0		167	831
73		0		167	944
74	31			167	331
75	998			83	26
76	2082			0	0
77	1233			83	0

SHEET TOTAL 4344 845 2804



STATION	DISTANCE	YARDAGE		
		EXCAVATION COMMON	BALLAST	FILL
77				
+25		44	42	31
+50		19	42	54
SUB-TOTALS		63	84	85
78		17	83	206
79		359	167	411
80		850	167	144
81		1113	167	112
82		1187	167	70
STA. 77+52	RT.			250
SIDE ROAD	LT.			50

TOTALS
 STA. 64+00 TO STA. 77+50
 C 4,492 C.Y.
 SAND-GRAVEL FILL 2,400 C.Y.
 F 5,026 C.Y. @ 25% SHG.
 OBTAIN 1701 C.Y. FROM STA. 77+50 TO STA. 82+04.3
 BALLAST COURSE 1,920 C.Y.

DATE _____ BY _____
 FINAL SURVEY REVISIONS PLOTTED TEMPLATE MARKS CHECKED NO. _____

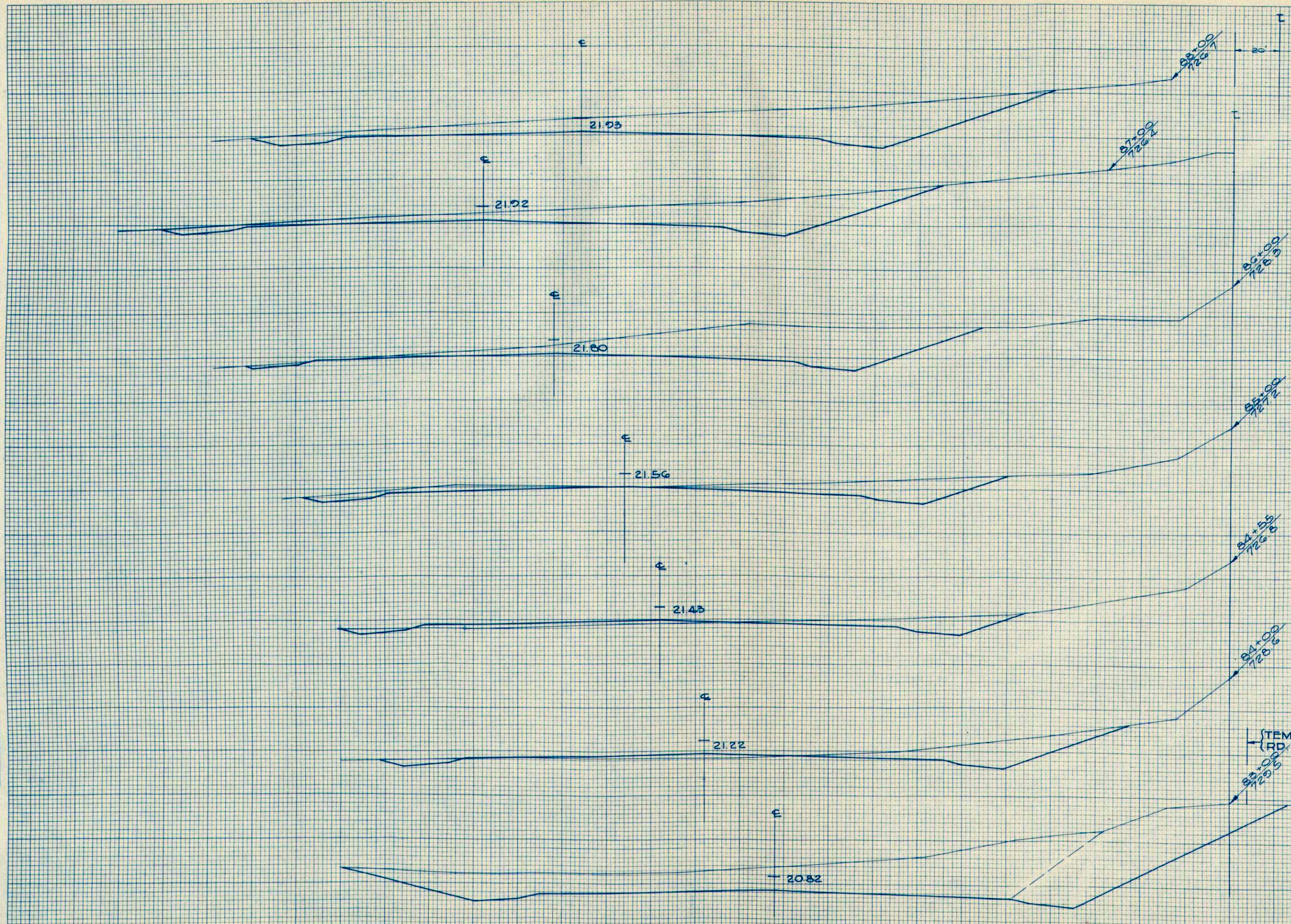
DATE 3-27-58 BY C.S.G.
 ORIGINAL SURVEY REVISIONS PLOTTED TEMPLATE MARKS CHECKED NO. 5479

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
4	WISC.		39	48

DIVISION JOB NO.

STATION	DISTANCE	YARDAGE		
		EXCAVATION COMMON	BALLAST	FILL
82				
83	289	215	7	
84	804	263	15	
+55	81	145	20	
85	83	118	9	
86	415	263	0	
87	530	263	0	
88	589	263	0	

SHEET TOTAL 3791 1530 51



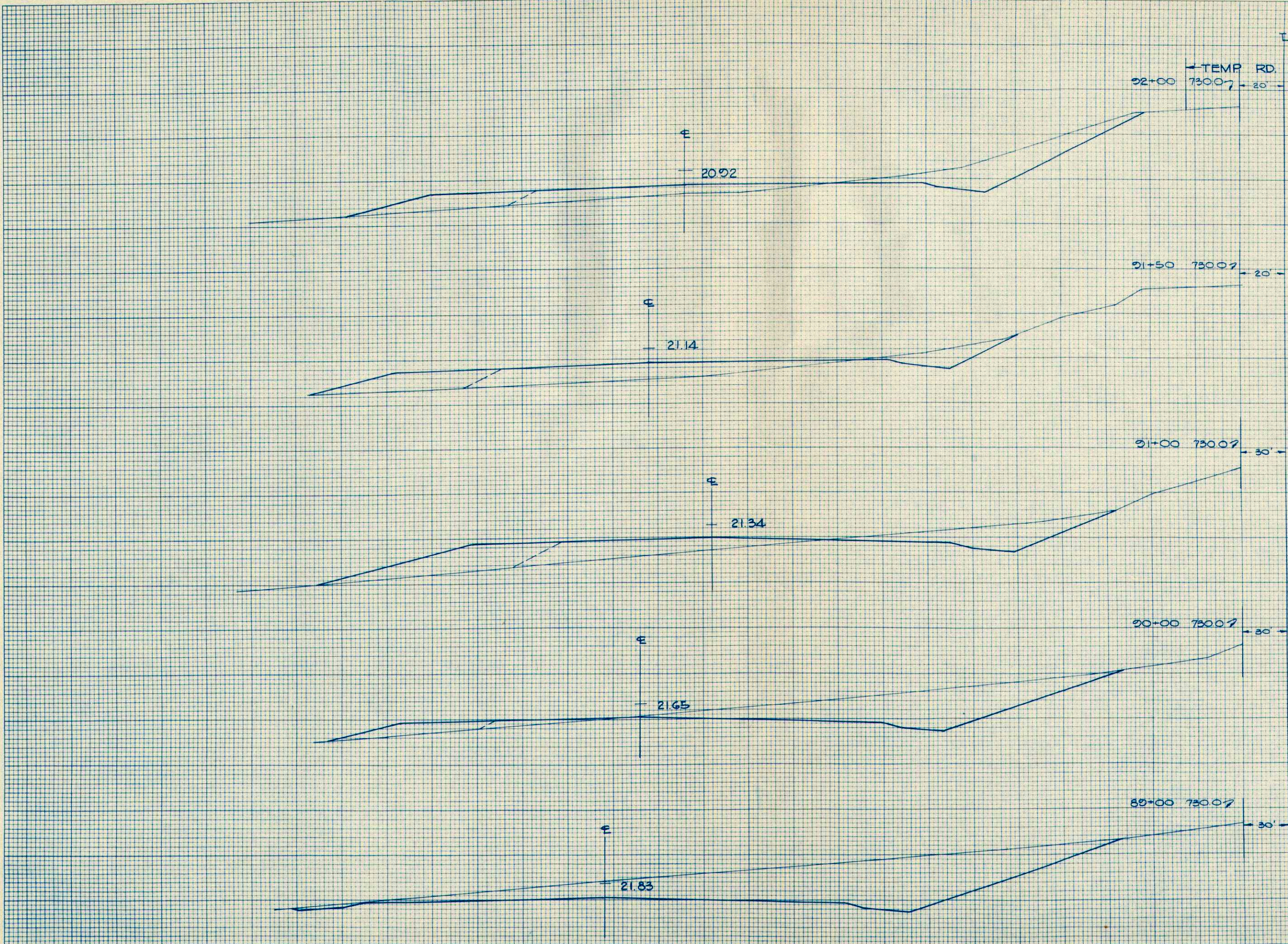
FINAL SURVEY BY DATE
 SURVEYED BY
 CHECKED BY
 DATE

ORIGINAL SURVEY BY DATE
 SURVEYED BY
 CHECKED BY
 DATE

DIVISION JOB NO.

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

ORIGINAL SURVEY BY: _____ DATE: _____
 CHECKED BY: _____ DATE: _____
 SURVEY PLOTTED BY: _____ DATE: _____
 NOTE BOOK NO. _____
 TEMPLATE NO. _____
 AREAS CHECKED _____



STATION	DISTANCE	YARDAGE		
		COMMON	BALLAST	FILL
88		756	263	0
89		513	219	33
90		285	263	215
91		54	131	172
+50		67	132	139
92				

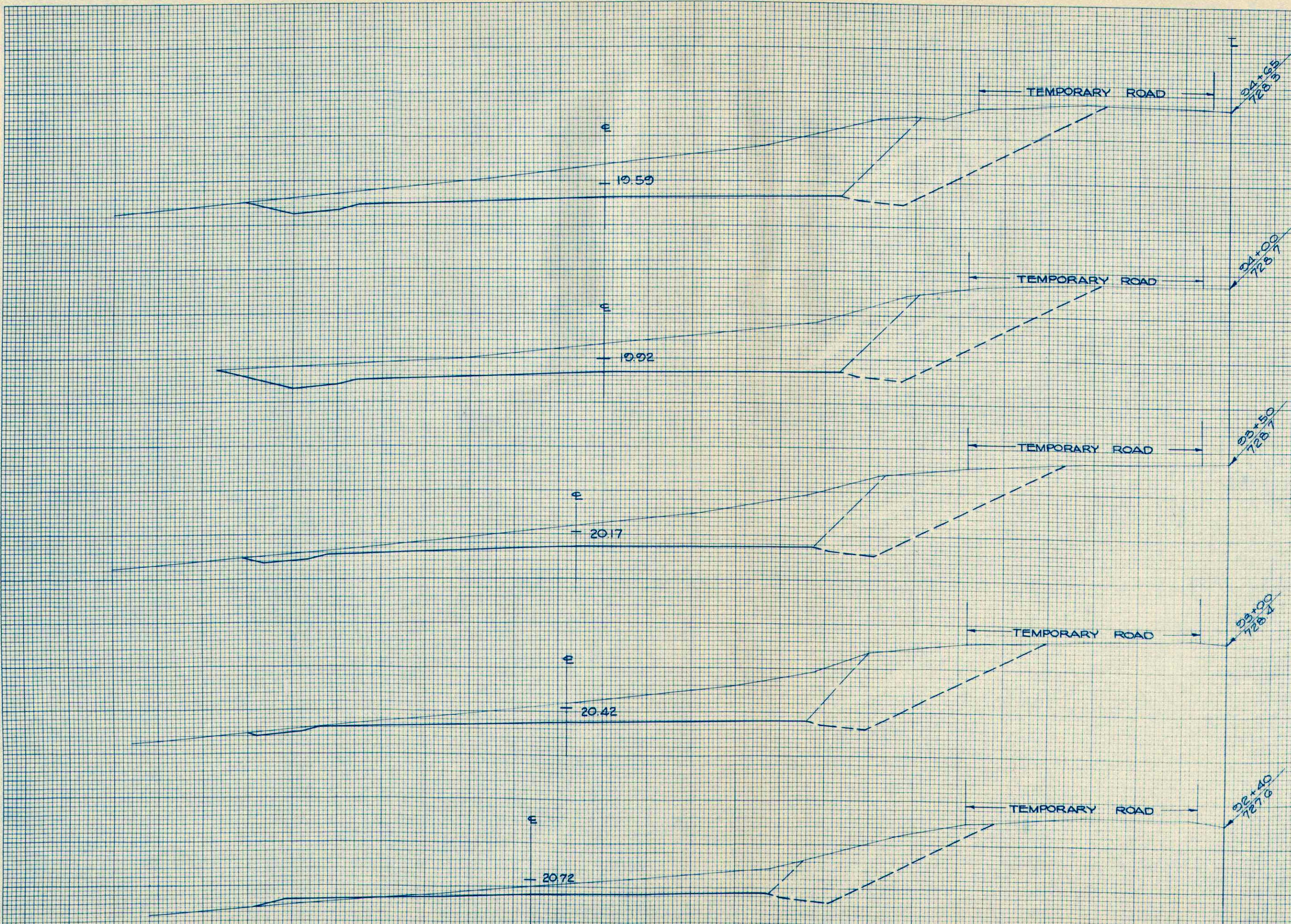
SHEET TOTAL 1675 1008 559

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
4	WISC.		41	48

DIVISION JOB NO.

FINAL SURVEY	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	



STATION	DISTANCE	YARDAGE		
		COMMON	BALLAST	FILL
92				
	146		105	46
93				
	463		158	2
94				
	530		131	0
95				
	631		132	0
96				
	969		171	0
SHEET TOTAL		2739	697	48

DIVISION JOB NO.

STATION	DISTANCE	YARDAGE		
		COMMON	BALLAST	FILL
94	+65	513	92	0
95	+50	544	131	6
96		378	132	26
97		689	252	106
STA. 96+20 P.E. LT.				35
SHEET TOTAL		2124	607	173

97+00 73007
TEMPORARY ROAD

E
18.44

TEMPORARY ROAD

96+00 7275

E
18.92

STA. 96+20 P.E. LT.

TEMPORARY ROAD

95+50 7277

E
19.17

TEMPORARY ROAD

95+00 7281

E
19.42

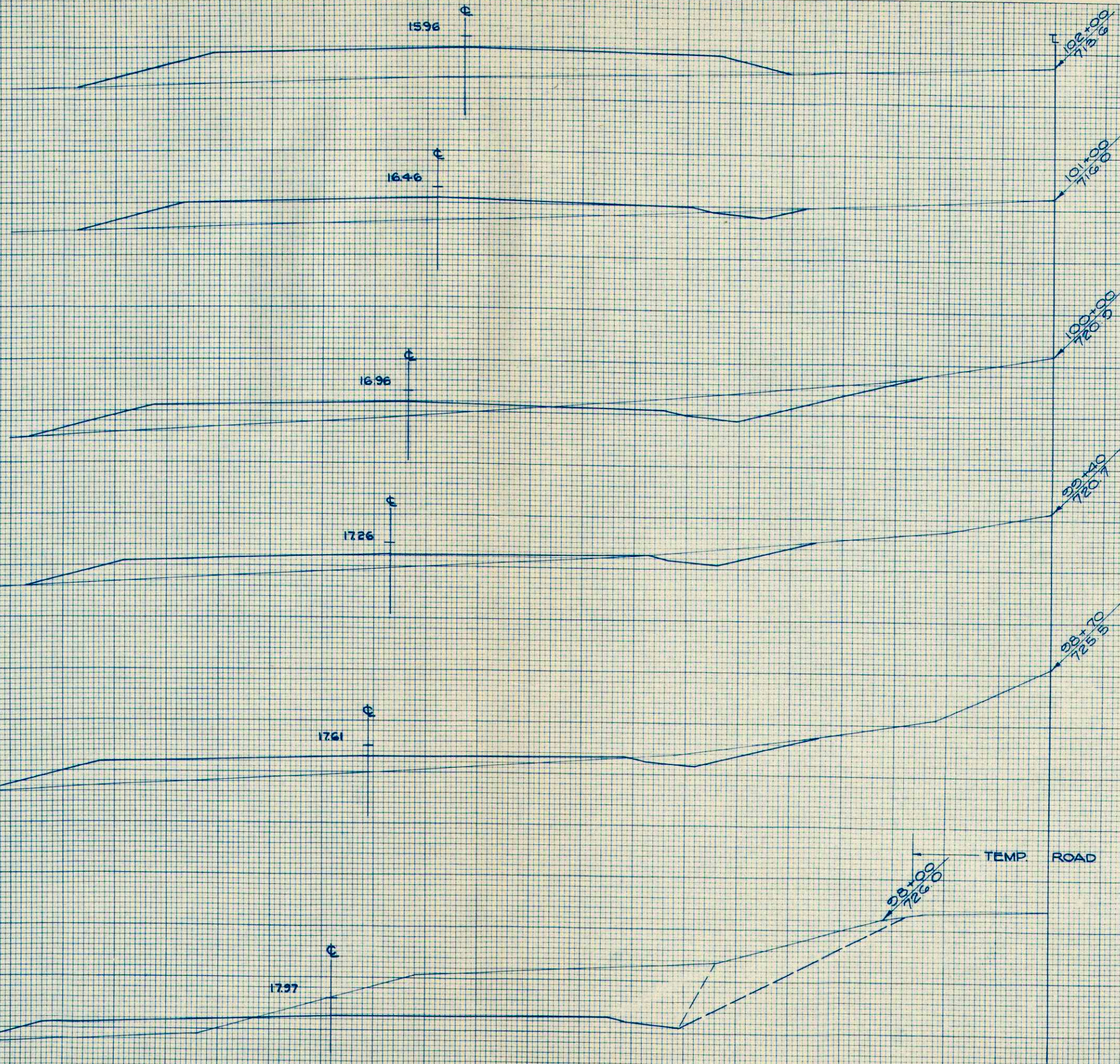
FINAL SURVEY
DATE
BY
SURVEYED
PLOTTED
NOTE BOOK
AREAS CHECKED

ORIGINAL SURVEY
DATE
BY
SURVEYED
PLOTTED
NOTE BOOK
AREAS CHECKED

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
4	WISC.		43	48

DIVISION JOB NO.

STATION	DISTANCE	YARDAGE		
		COMMON	BALLAST	FILL
97				
98	731		206	124
+70	293		117	156
99	31		117	202
+40	59		100	154
100	81		167	315
101	0		167	463
102				
SHEET TOTAL		1195	874	1414



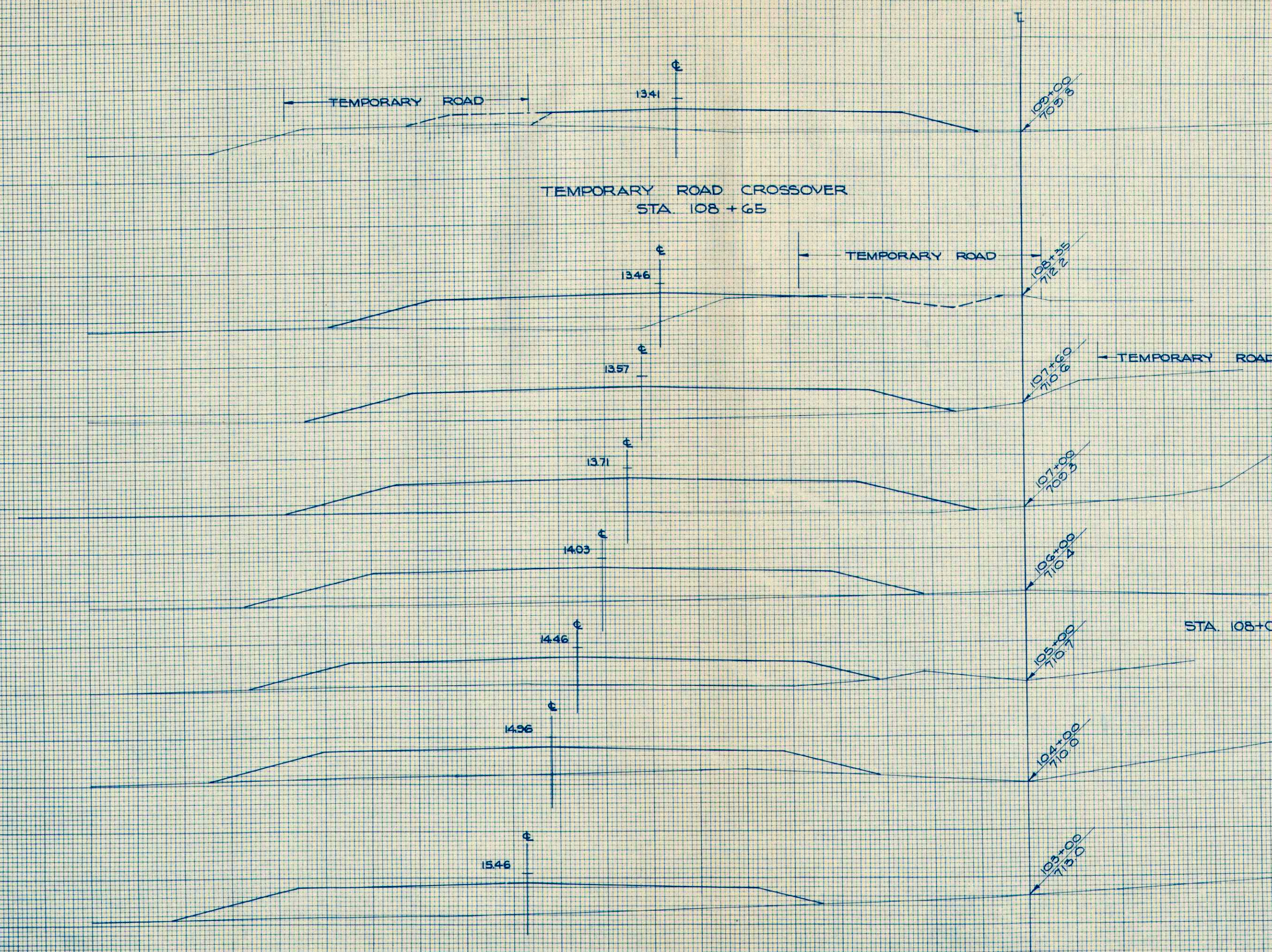
DATE _____ BY _____
 SUBMITTED _____
 SURVEY _____
 NOTE BOOK _____
 NO. _____
 AREAS CHECKED _____

DATE _____ BY _____
 SUBMITTED _____
 ORIGINAL SURVEY _____
 NOTE BOOK _____
 NO. _____
 AREAS CHECKED _____

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
4	WISC.		44	48

DATE	
BY	
FINAL SURVEY	
SURVEYED	
PLOTTED	
NOTED	
DATE	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
PLATTED	
NOTED	
DATE	
NO.	



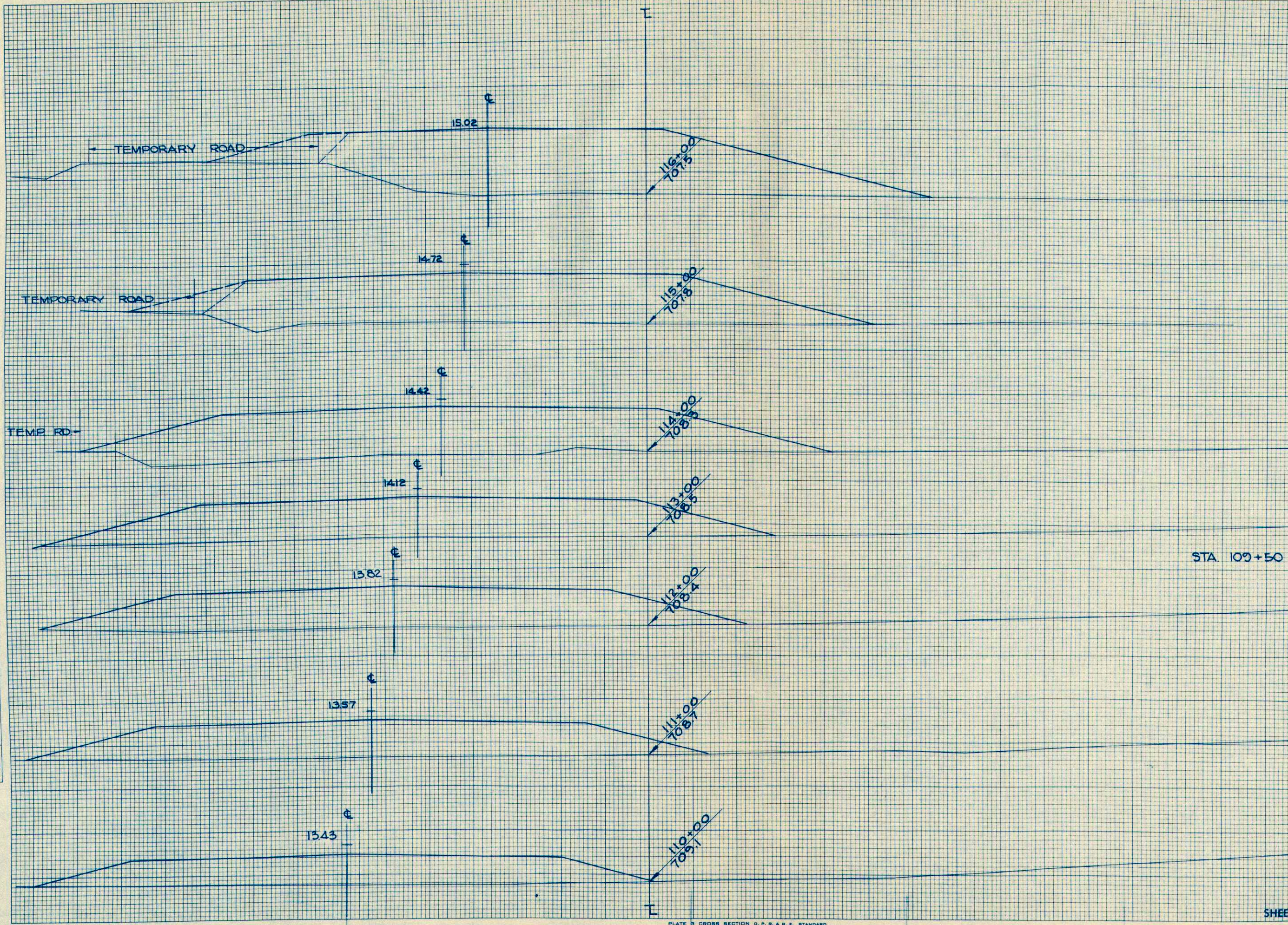
STATION	DISTANCE	YARDAGE		
		COMMON	BALLAST	FILL
102	0			
103	0			167 593
104	0			167 600
105	0			167 570
106	0			167 656
107	0			167 763
+60	0			100 443
108	17			125 420
+35	15			109 283
109				
STA. 108+00 P.E. RT.				10
SHEET TOTAL		32		11694338

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
4	WISC.		45	48

DIVISION JOB NO. 5826

DATE _____ BY _____
 SUBJECTS SURVEYED PLOTTED TEMPLATE DRAWN BY _____
 FINAL SURVEY NOTE BOOK NO. _____ AREA CHECKER _____

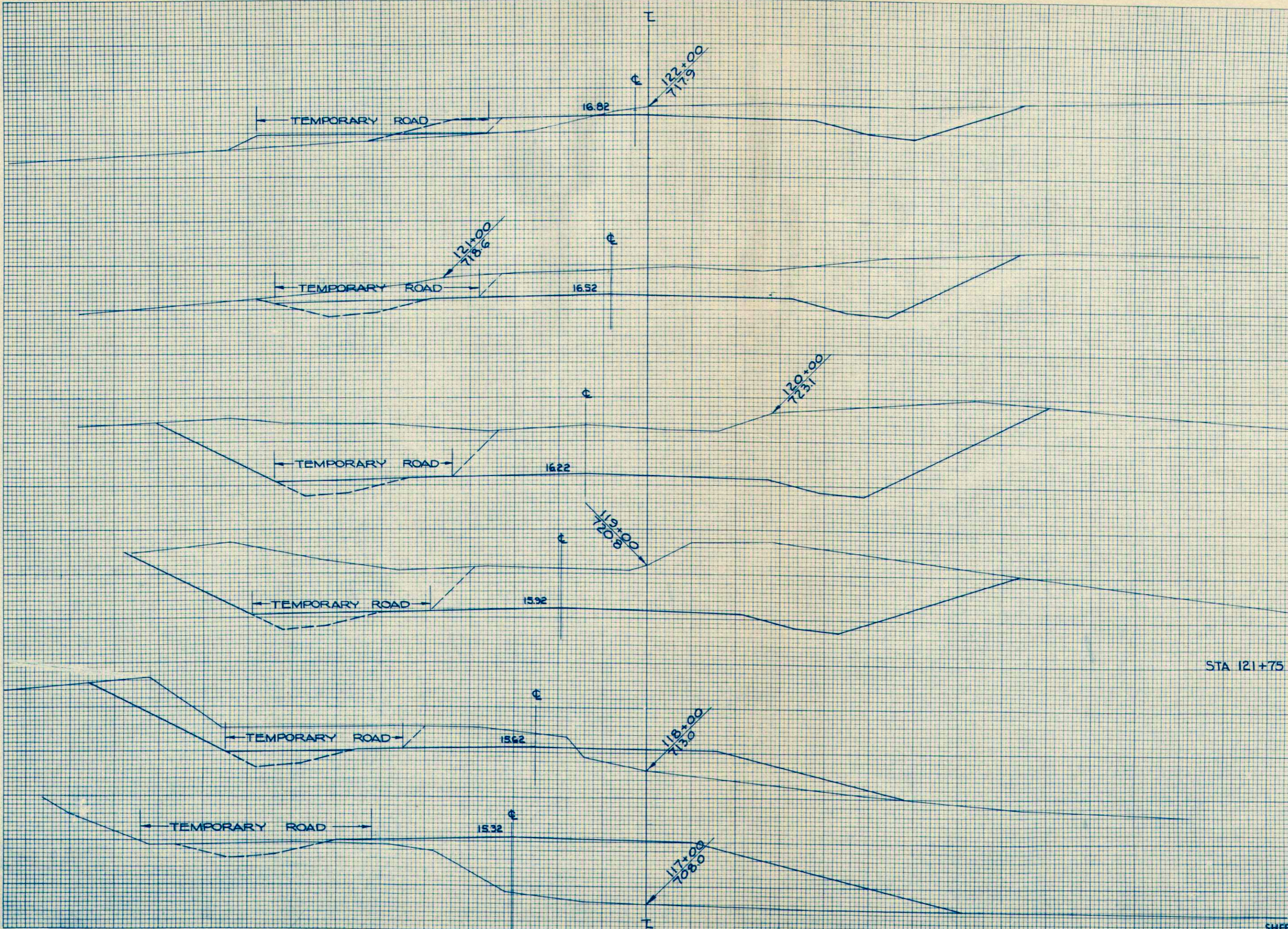
DATE 3-27 BY F.G.G. L.R.G.
 ORIGINAL SURVEY SURVEYED PLOTTED TEMPLATE DRAWN BY _____
 NOTE BOOK NO. 5479 AREA CHECKER _____



STATION	DISTANCE	YARDAGE		
		COMMON	EXCAVATION	BALLAST
109				
110	0			167 570
111	0			167 815
112	0			167 989
113	0			167 1059
114	0			167 1204
115	0			167 1333
116	0			83 1396
STA. 109+50 P.E.L.T.				30
SHEET TOTAL				1085 7396

DATE
 BY
 FINAL SURVEY
 SURVEYED PLOTTED
 NOTE BOOK TEMPLATE
 NO. 5479 AREAS CHECKED

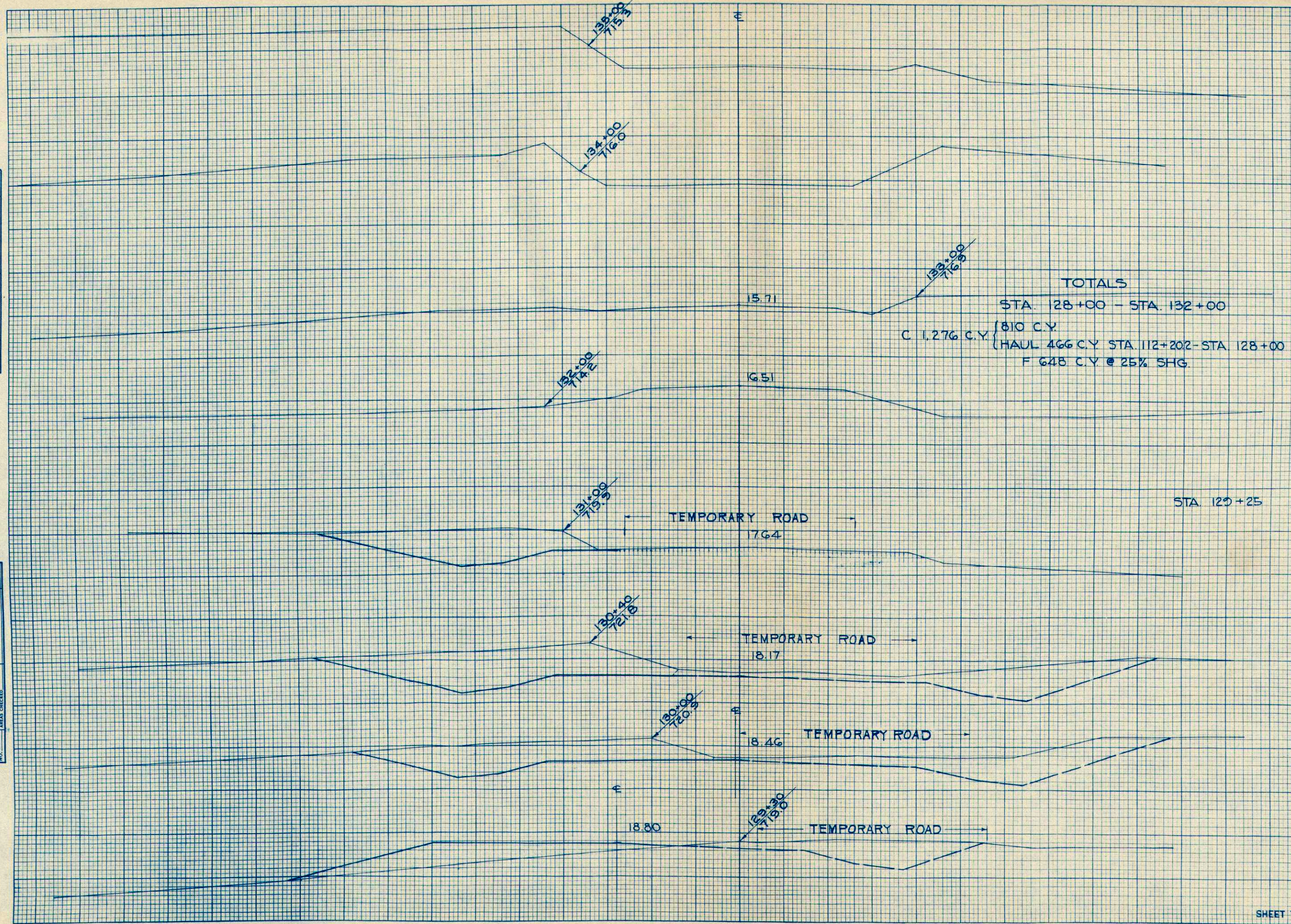
DATE
 BY
 ORIGINAL SURVEY
 SURVEYED PLOTTED
 NOTE BOOK TEMPLATE
 NO. 5479 AREAS CHECKED



STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
116			
117	35		1324
118	313		674
119	1343		128
120	2139		0
121	1508		0
122	657		56
STA 121+75	PE	RT 30	LT 30
SHEET TOTAL		615	2232

FINAL SURVEY BY DATE
 SURVEYED BY DATE
 TEMPLATE NO.
 NOTE BOOK NO.
 AREAS CHECKED

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



STATION	DISTANCE	YARDAGE	
		COMMON	EXCAVATION
129			54
+30			302
130			257
+40			309
131			174
132			0
133			
STA. 129+25		PE. LT.	
		PE. RT.	15
TOTALS			

SHEET TOTAL 1111

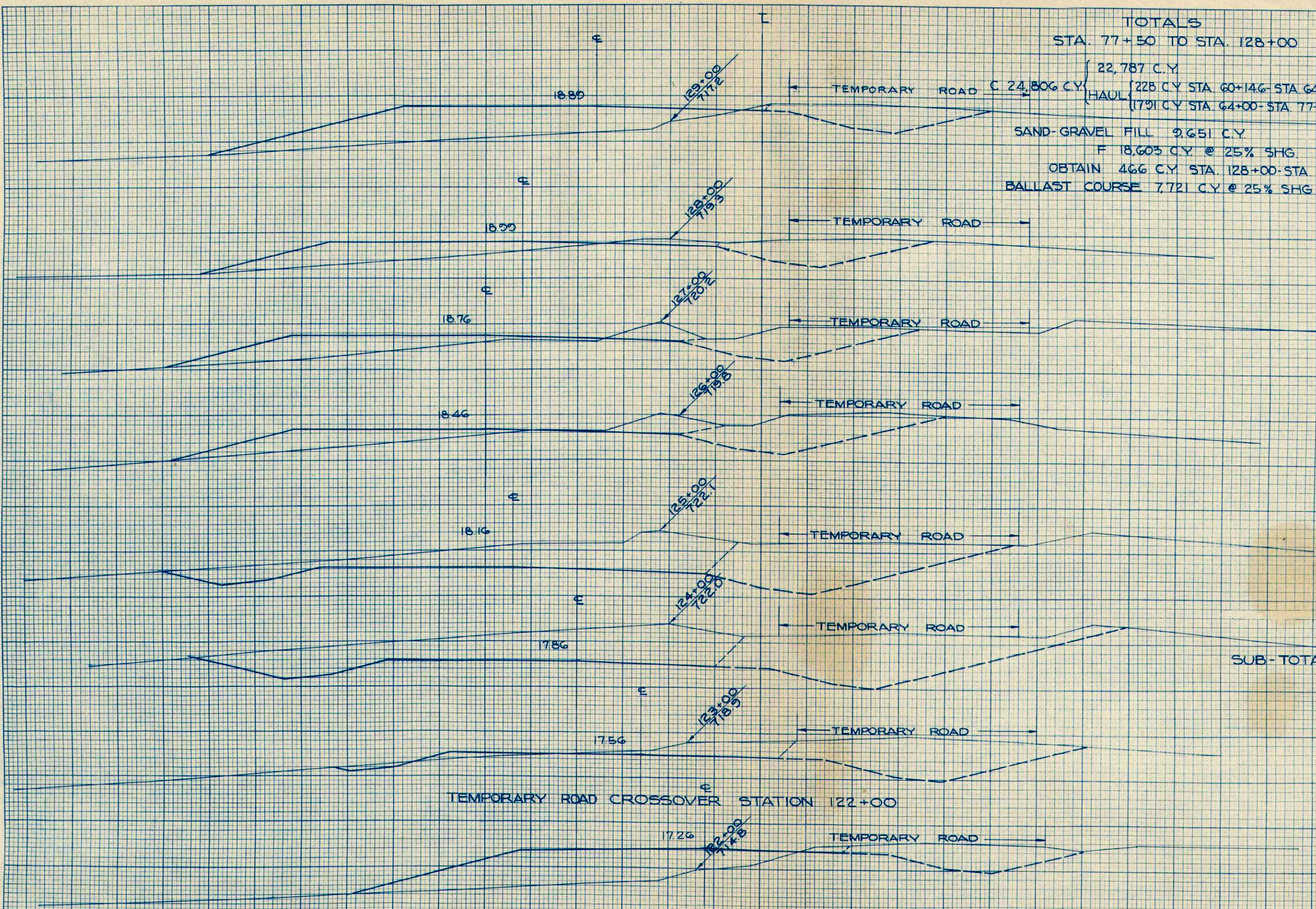
TOTALS
STA. 77+50 TO STA. 128+00

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER
WIS. SN	F08-5(23)	47

22,787 C.Y.
HAUL { 228 C.Y. STA 60+146- STA 64+00
1791 C.Y. STA 64+00- STA 77+50
SAND-GRAVEL FILL 9,651 C.Y.
F 18,603 C.Y. @ 25% SHG.
OBTAIN 466 C.Y. STA. 128+00- STA 132+00
BALLAST COURSE 7,721 C.Y. @ 25% SHG

DATE
BY
FINAL SURVEY PLOTTED
NOTE BOOK NO.
AREAS CHECKED

DATE
BY
ORIGINAL SURVEY PLOTTED
NOTE BOOK NO.
AREAS CHECKED



STATION	DISTANCE	YARDAGE	
		COMMON	EXCAVATION
122		370	
122		317	
123		809	
124		1033	
125		604	
126		274	
127		202	
128			
SUB-TOTAL		3609	
128		165	
129			
SHEET SUB TOTAL		165	