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STATE OF WISCONSIN
STATE HIGHWAY COMMISSION OF WISCONSIN

FED. ROAD DIST. NO.	STATE	STATE PROJ. NO.	SHEET NO.	TOTAL SHEETS
4	WIS.	4856 4652	1	54

DIVISION JOB NO. 4856, 4652

PLAN AND PROFILE OF PROPOSED

STEVENS POINT - WAUSAU

STEVENS POINT - NORTH COUNTY LINE SOUTH COUNTY LINE - KNOWLTON
PORTAGE, MARATHON COUNTIES

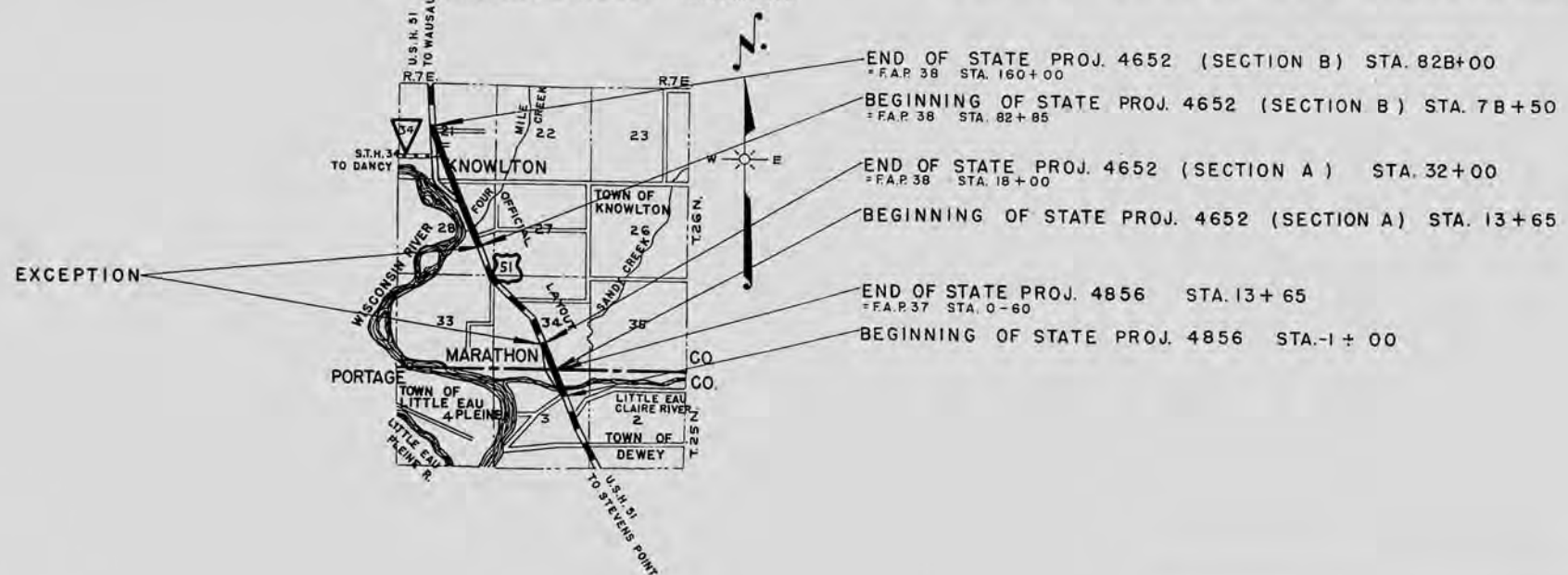
STATE PROJECT NO. 4856 STATE PROJECT NO. 4652

BEGINNING AT A POINT 1587.5 FT. EAST AND 1319 FT. SOUTH OF THE NORTH ONE QUARTER CORNER OF SEC. 3 T. 25 N. R. 7 E. EXTENDING NORTHWESTERLY TO A POINT 932.5 FT. EAST OF THE NORTH ONE QUARTER COR. OF SEC. 3 T. 25 N. R. 7 E.

BEGINNING AT A POINT 932.5 FT. EAST OF THE SOUTH ONE QUARTER CORNER OF SEC. 34 T. 26 N. R. 7 E. EXTENDING NORTHWESTERLY TO A POINT 607 FT. NORTH AND 873 FT. WEST OF THE CENTER OF SEC. 21 T. 26 N. R. 7 E.

EXCEPTING STA. 32+00 TO STA. 7B+50 (6475 LIN. FT.)

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.





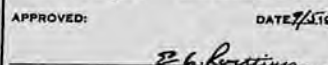
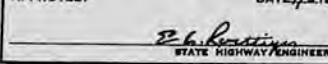



CONVENTIONAL SIGNS

LINE	---	CULVERTS IN PLACE	—+—+—+—+—+—+—+—+—+—
LINE	---	CULVERTS REQUIRED	—+—+—+—+—+—+—+—+—+—
IP OR RANGE LINE	---	DROP INLET	—+—+—+—+—+—+—+—+—+—
IN LINE	---	POWER POLE	—+—+—+—+—+—+—+—+—+—
RIGHT OF WAY LINE	---	TELEPHONE OR TELEGRAPH POLE	—+—+—+—+—+—+—+—+—+—
ST RIGHT OF WAY LINE	---	RIGHT OF WAY MARKERS	—+—+—+—+—+—+—+—+—+—
ENCE / WOVEN	---	REFERENCE STAKE FOR HUBS ONLY	—+—+—+—+—+—+—+—+—+—
BARBED	---	MARSH	—+—+—+—+—+—+—+—+—+—
ATE OR CITY LIMITS	---	HEDGE	—+—+—+—+—+—+—+—+—+—
TY LINE	---	TREES	—+—+—+—+—+—+—+—+—+—
ED WAY OR P.E.	---	GROUND ELEVATION	—+—+—+—+—+—+—+—+—+—
DS	---	GRADE ELEVATION	—+—+—+—+—+—+—+—+—+—
R SURVEY LINE	---		

LAYOUT
SCALE 0 1 MI.

STATE PROJ. NO. 4856 NET LENGTH OF CENTERLINE = 0.277 MI.
STATE PROJ. NO. 4652 NET LENGTH OF CENTERLINE = 1.758 MI.
TOTAL = 2.035 MI.

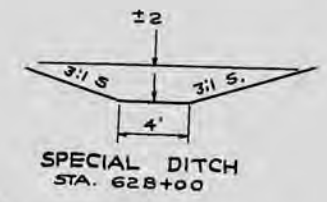
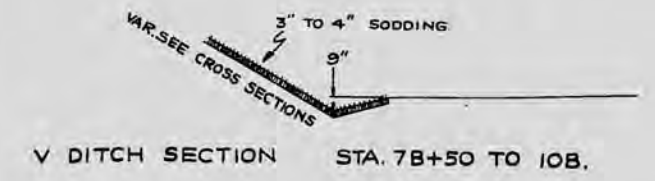
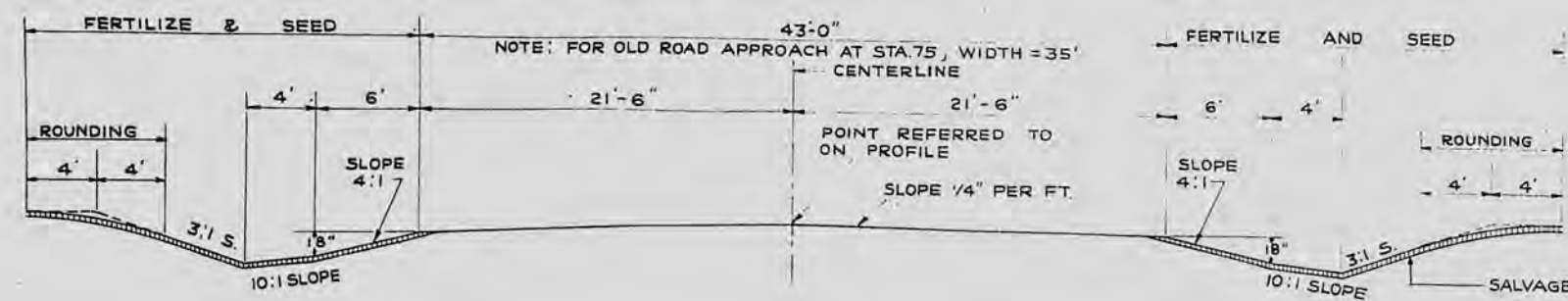
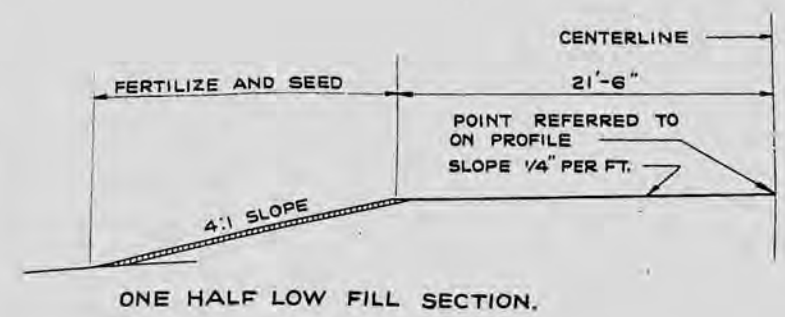
STATE HIGHWAY COMMISSION OF WISCONSIN MADISON, WIS.	FEDERAL WORKS AGENCY PUBLIC ROADS ADMINISTRATION
SURVEYOR: ERN. C.S.P. NOTE BOOK 4258, 4257 DIVISION COMPUTER: C.S.P. M. O. CHECKER DIVISION CHECKER: D.V.F. CORRECT	RECOMMENDED FOR APPROVAL:  DISTRICT ENGINEER PUBLIC ROADS ADMINISTRATION FEDERAL WORKS AGENCY
CORRECT: DATE: 7/23/1921  DESIGN ENGINEER	APPROVED:  CONSTRUCTION ENGINEER
RECOMMENDED FOR APPROVAL: DATE: 7/24/1921  DESIGN ENGINEER	APPROVED:  CONSTRUCTION ENGINEER
APPROVED: DATE: 7/24/1921  STATE HIGHWAY ENGINEER	APPROVED:  COMMISSIONER PUBLIC ROADS ADMINISTRATION FEDERAL WORKS AGENCY
FIELD INVESTIGATED BY: F. CNARE H. WITTENBERG C.S. PETERSON	

Marathon County Marathon County

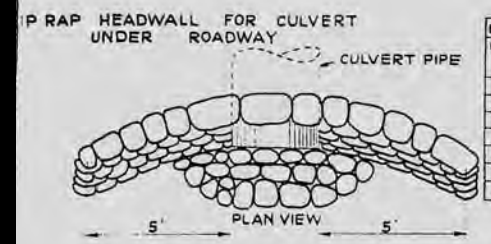
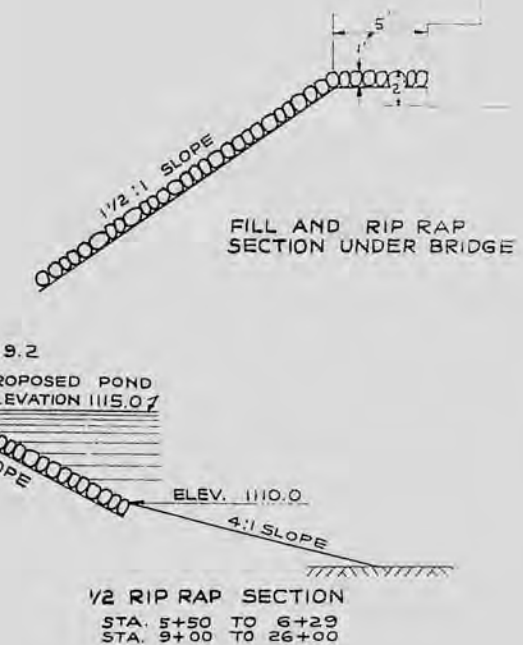
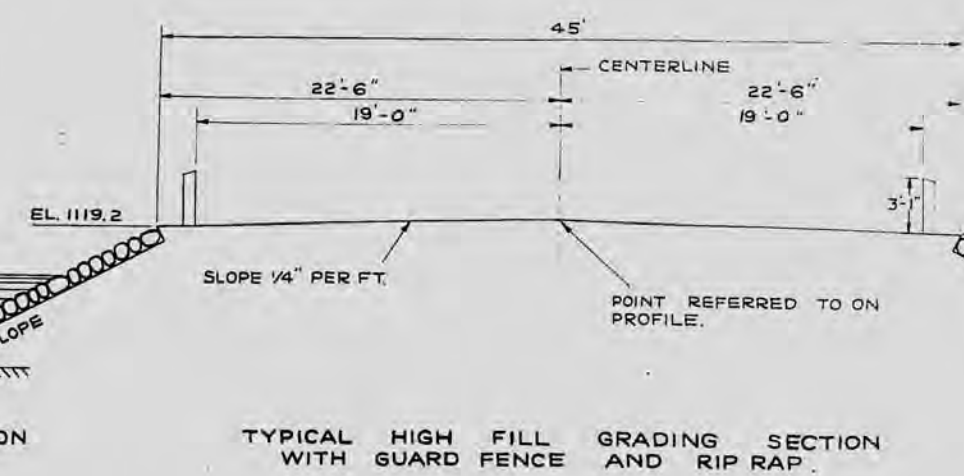
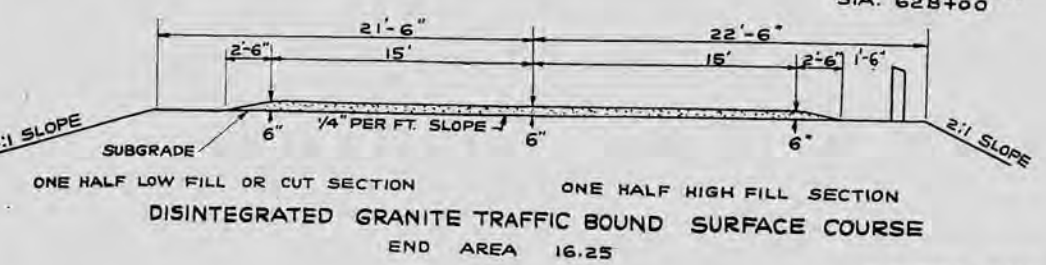
9/30/41

PER. ROAD DIST. NO.	STATE	STATE PROJ. NO.	SHEET NO.	TOTAL SHEETS
4	WIS.	4856, 4652	2	54

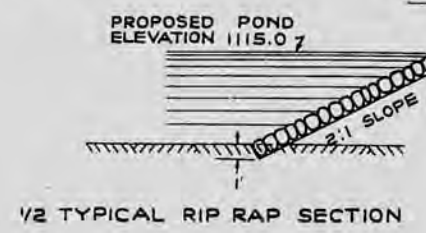
DIVISION JOB No. 4856, 4652



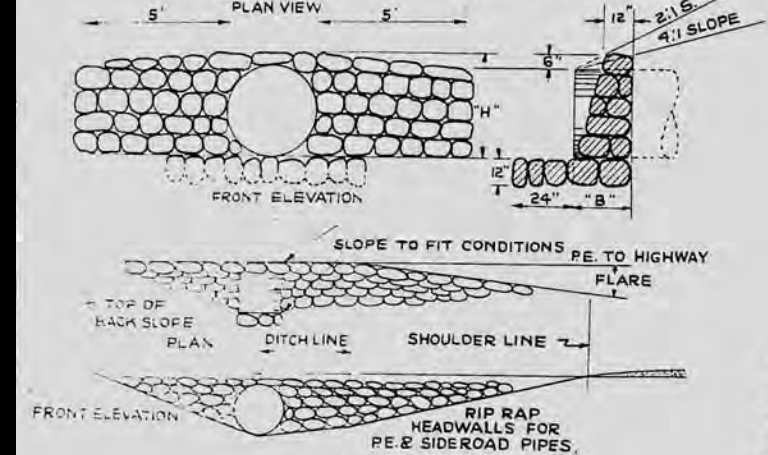
TYPICAL GRADING SECTION IN CUT.



DIAMETER OF PIPE	DIMENSIONS		CU. YDS. ROCK PER HDWL
	"H"	"B"	
12"	18"	18"	1.0
15" & 18"	24"	18"	1.5
24"	30"	18"	2.0
30"	36"	21"	2.5
36"	42"	24"	3.0
42"	48"	27"	3.5
48"	54"	30"	4.0



TYPICAL HIGH FILL GRADING SECTION WITH GUARD FENCE AND RIP RAP.

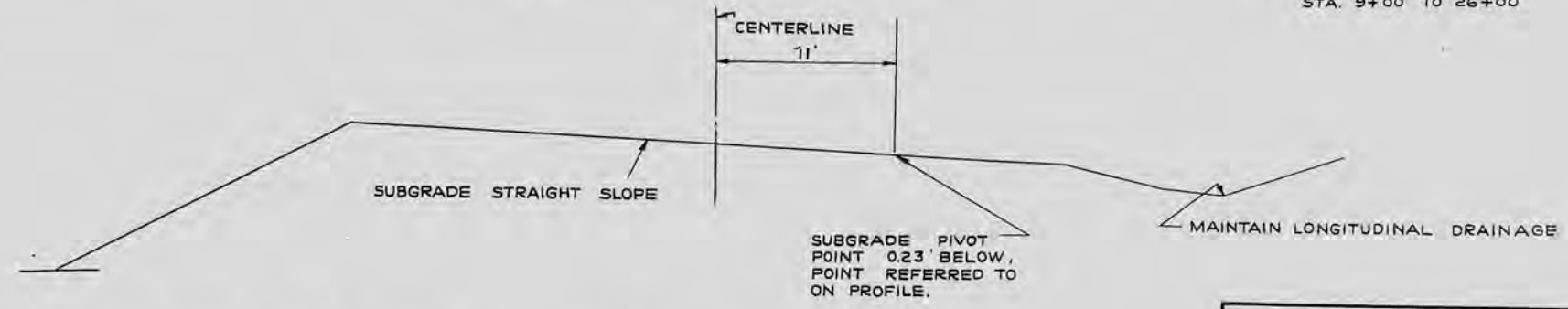


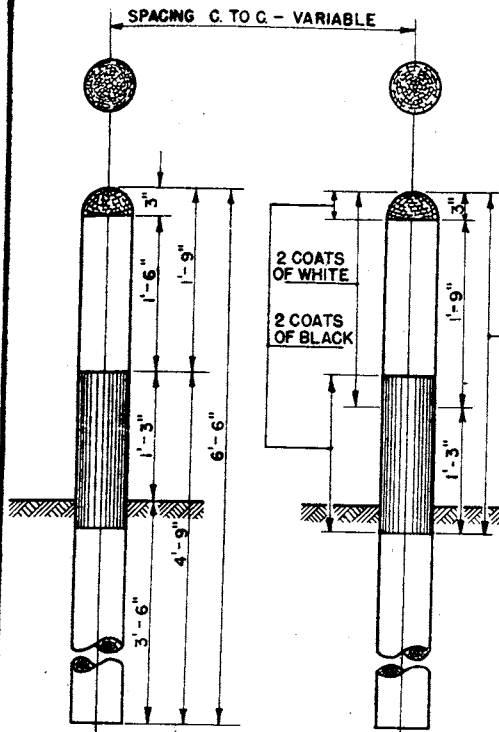
- APPROVED APPLICABLE DETAIL DRAWINGS ARE AS FOLLOWS:
- MARKER POSTS ----- S.D. - 12.5
 - CABLE GUARD FENCE ----- S.D. - 13.4
 - CONSTRUCTION BARRICADE ----- S.D. - 16.1
 - MARSH EXCAVATION ----- S.D. - 25.1
 - PRIVATE ENTRANCE AND SIDE ROADS ----- S.D. - 26.2
 - MARKER POSTS FOR R/W ----- S.D. - 29.1

SUPERELEVATED SECTION.
SUPERELEVATE .02'/FT./DEGREE OF CURVE.

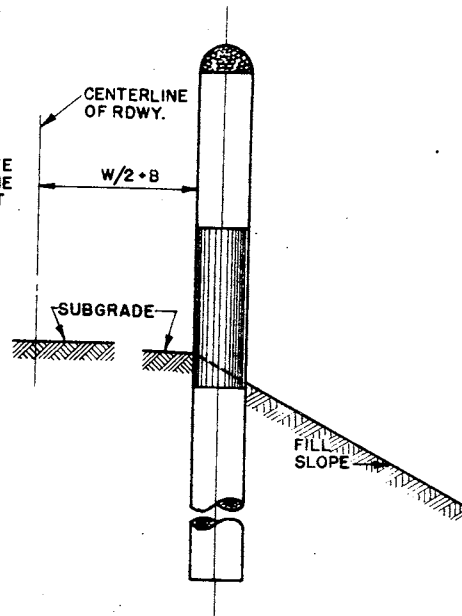
TYPICAL CROSS SECTION FOR GRADING
ULTIMATE 38 FT. ROADBED

SCALE
0' 5'

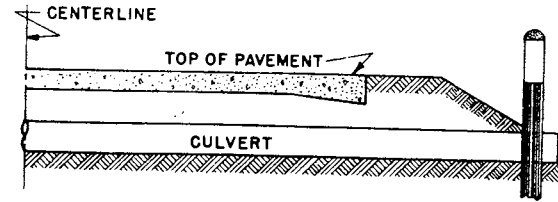




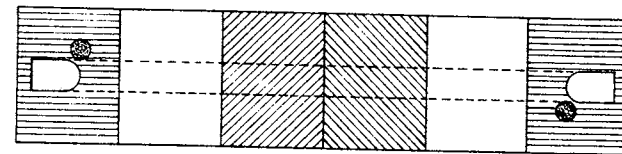
ELEVATION SHOWING SPACING



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.

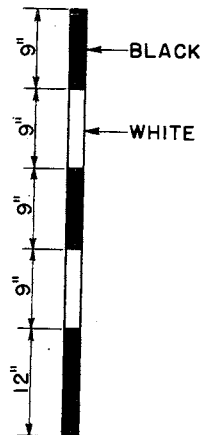
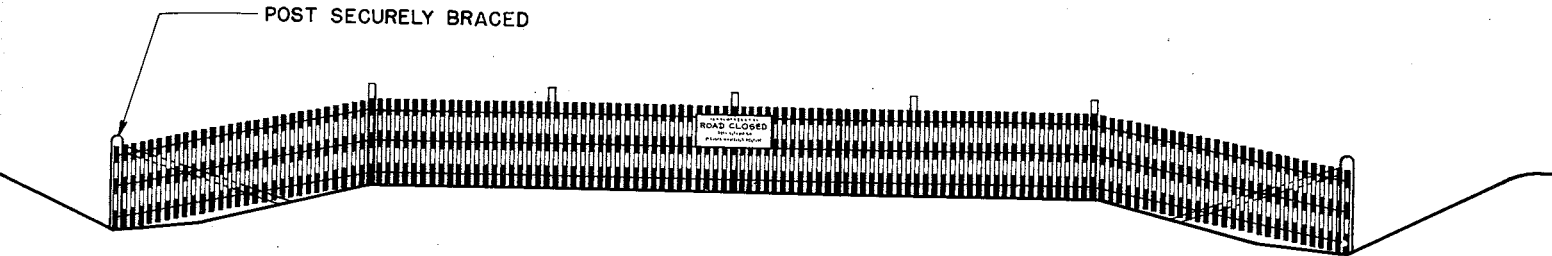
POSTS SHALL BE 6" CONFORMING TO THE REQUIREMENTS OF SECTION 412.4

MARKER POST AS CULVERT MARKER TO BE PLACED AT BOTH ENDS OF CULVERT ON NEAR SIDE OF CULVERT.

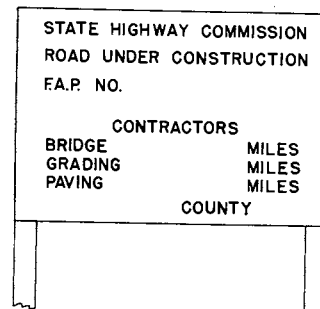
MARKER POSTS FOR GUARD FENCE & CULVERT MARKERS	
STATE HIGHWAY COMMISSION OF WISC.	
RECOMMENDED FOR APPROVAL:	
<i>Frank Cross</i> DESIGN ENGINEER	
1-14-41 DATE	<i>W. J. ...</i> CONSTRUCTION ENGINEER
APPROVED:-	
DRAWN C.A.L. CHECKED D.F.C.	<i>S.G. ...</i> DATE STATE HIGHWAY ENGINEER

SECTION OF SNOW FENCE TO BE PAINTED ALTERNATELY BLACK AND WHITE 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.

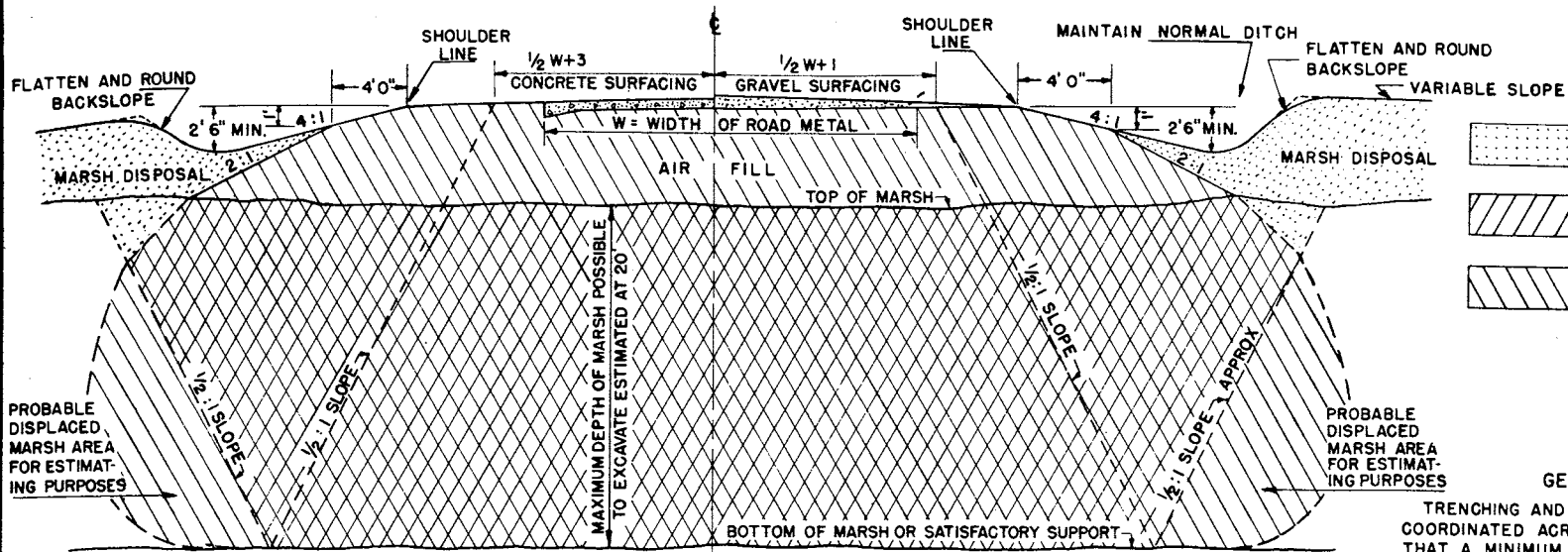



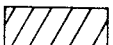
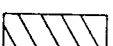
DETAIL SHOWING METHOD OF STRIPING
 FOR 4' SNOW FENCE.



THIS SIGN TO BE PLACED
 AT BEGINNING OF DETOUR

STATE HIGHWAY COMMISSION OF WISCONSIN	
CONSTRUCTION BARRICADE	
RECOMMENDED FOR APPROVAL:	
<i>Frank Cross</i> DESIGN ENGINEER	
<i>W. Bluh</i> CONSTRUCTION ENGINEER	
APPROVED:	
DRAWN <u>H.M.</u> CHECKED <u>WHG</u>	DATE <u>3/28/38</u> STATE HIGHWAY ENGINEER <i>E. G. Rutledge</i>

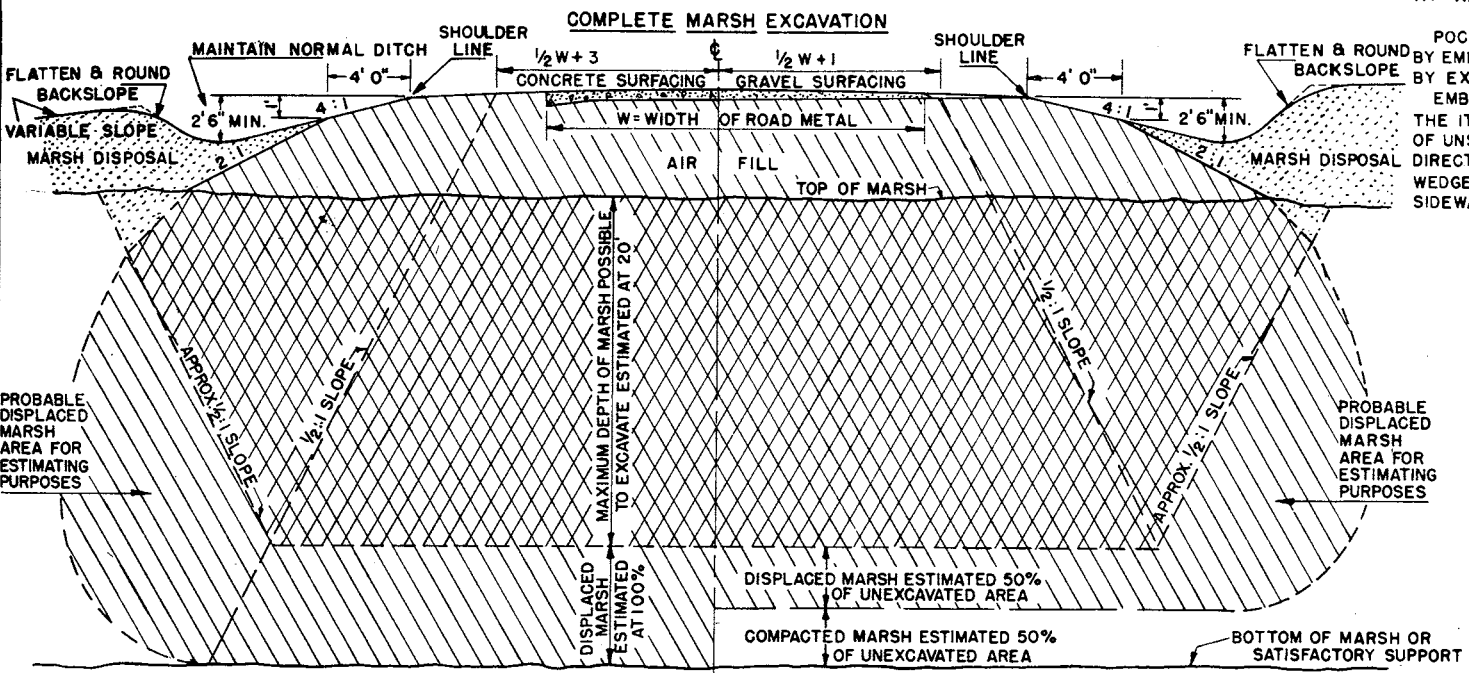


-  MARSH DISPOSAL PERMITTED IN THIS AREA
-  EXCAVATION
-  BACKFILL

GENERAL NOTES

TRENCHING AND BACKFILLING WORK SHALL BE SO COORDINATED ACROSS EACH SWAMP OR MARSH, THAT A MINIMUM OF OPEN TRENCH BE MAINTAINED AT ALL TIMES.

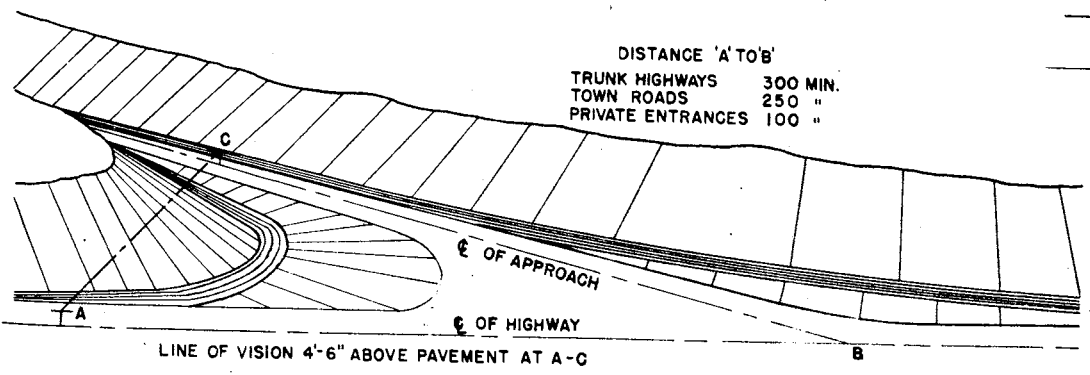
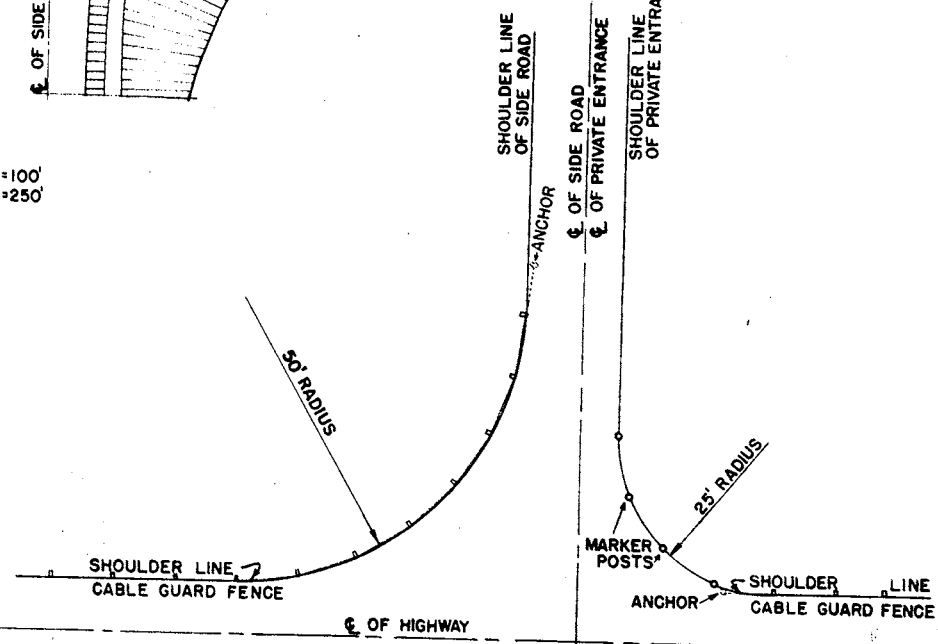
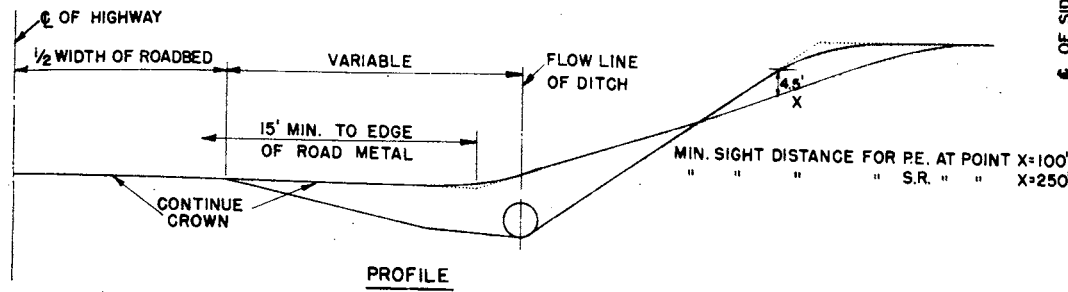
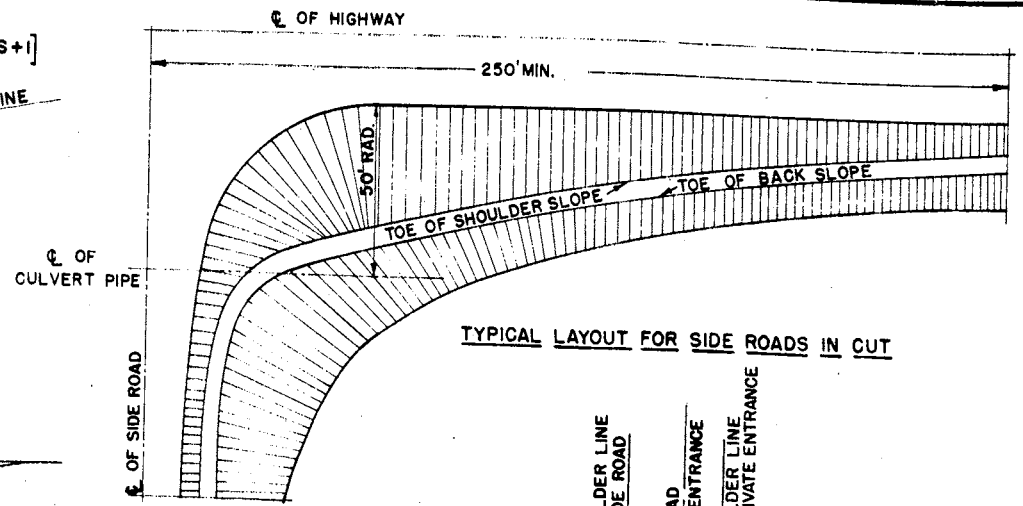
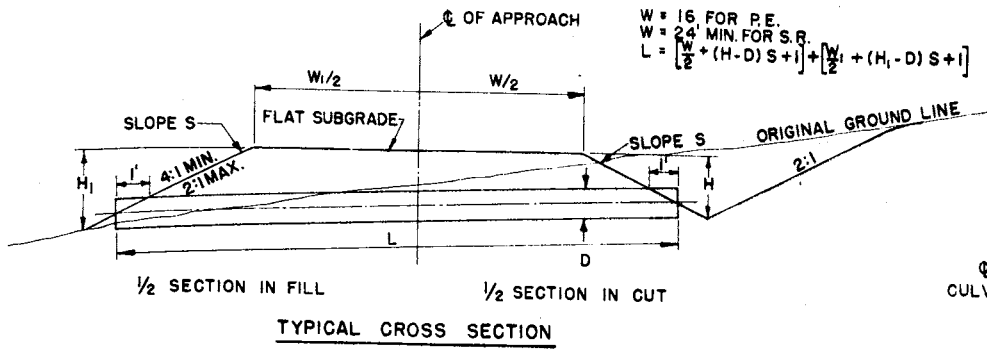
POCKETS OF UNSTABLE OR MARSH MATERIAL TRAPPED BY EMBANKMENT CONSTRUCTION SHALL BE REMOVED BY EXCAVATING. EMBANKMENT PLACED IN TRENCHES EXCAVATED UNDER THE ITEM OF MARSH EXCAVATION OR FOR DISPLACEMENT OF UNSTABLE MATERIAL, SHALL UNLESS OTHERWISE DIRECTED BY THE ENGINEER BE CARRIED FORWARD IN A WEDGE-SHAPE TO EXPEDITE PUSHING UNSTABLE MATERIAL SIDWAYS FROM THE AREA OF PROPOSED EMBANKMENT.



PARTIAL EXCAVATION PLUS 100% DISPLACEMENT

PARTIAL EXCAVATION PLUS 50% DISPLACEMENT

MARSH EXCAVATION	
STATE HIGHWAY COMMISSION OF WISC.	
RECOMMENDED FOR APPROVAL:	
5/9/40 DATE	<i>Frank Crane</i> DESIGN ENGINEER
APPROVED:	<i>M. D. ...</i> CONSTRUCTION ENGINEER
DRAWN G.A.L.	5/9/40 <i>E.C. Rosteyer</i> DATE STATE HIGHWAY ENGINEER
CHECKED D.T.C.	



DETAILS OF PRIVATE ENTRANCE AND SIDE ROAD APPROACHES

STATE HIGHWAY COMMISSION OF WISC.

RECOMMENDED FOR APPROVAL:

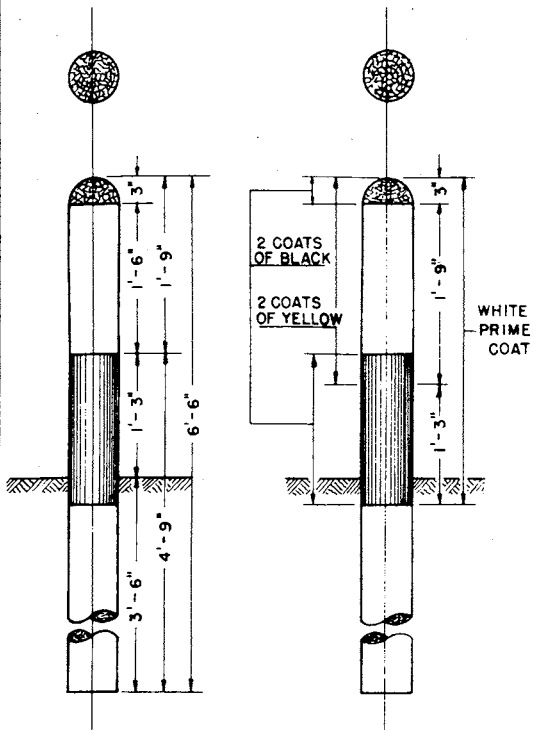
Frank Crane
DESIGN ENGINEER

W. Bluh
CONSTRUCTION ENGINEER

DATE

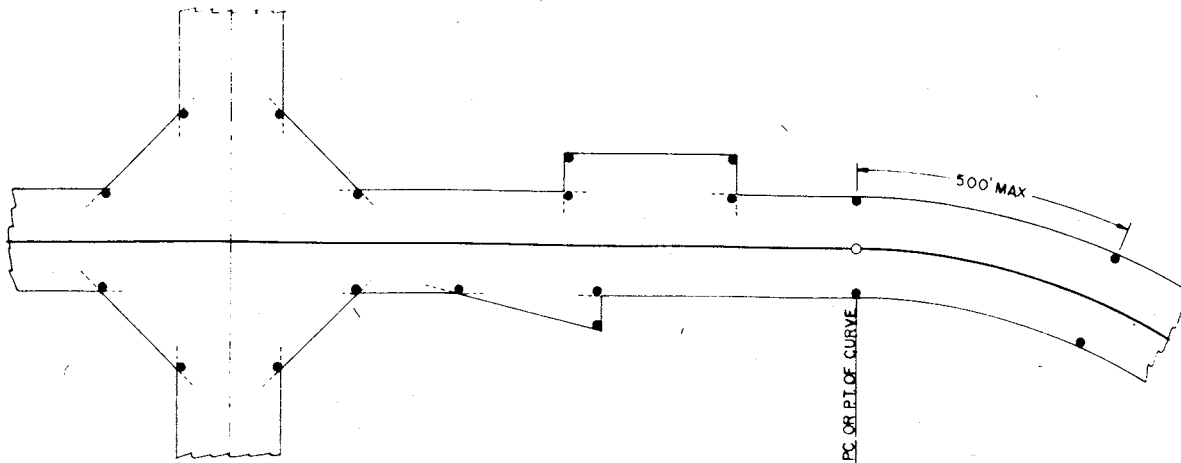
APPROVED: **1-14-41**

DRAWN C.A.L. *D. L. Roelun*
CHECKED D.F.C. DATE STATE HIGHWAY ENGINEER



**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.



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 PC AND PT 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 PC AND PT. 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 VISABLE 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:

Frank Crow DESIGN ENGINEER *Carl Blum* CONSTRUCTION ENGINEER

APPROVED:

DATE: 3/2/41

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

E.L. Reutter
STATE HIGHWAY ENGINEER

TAIL SUMMARY SHEET OF MISCELLANEOUS QUANTITIES

(GRADING)

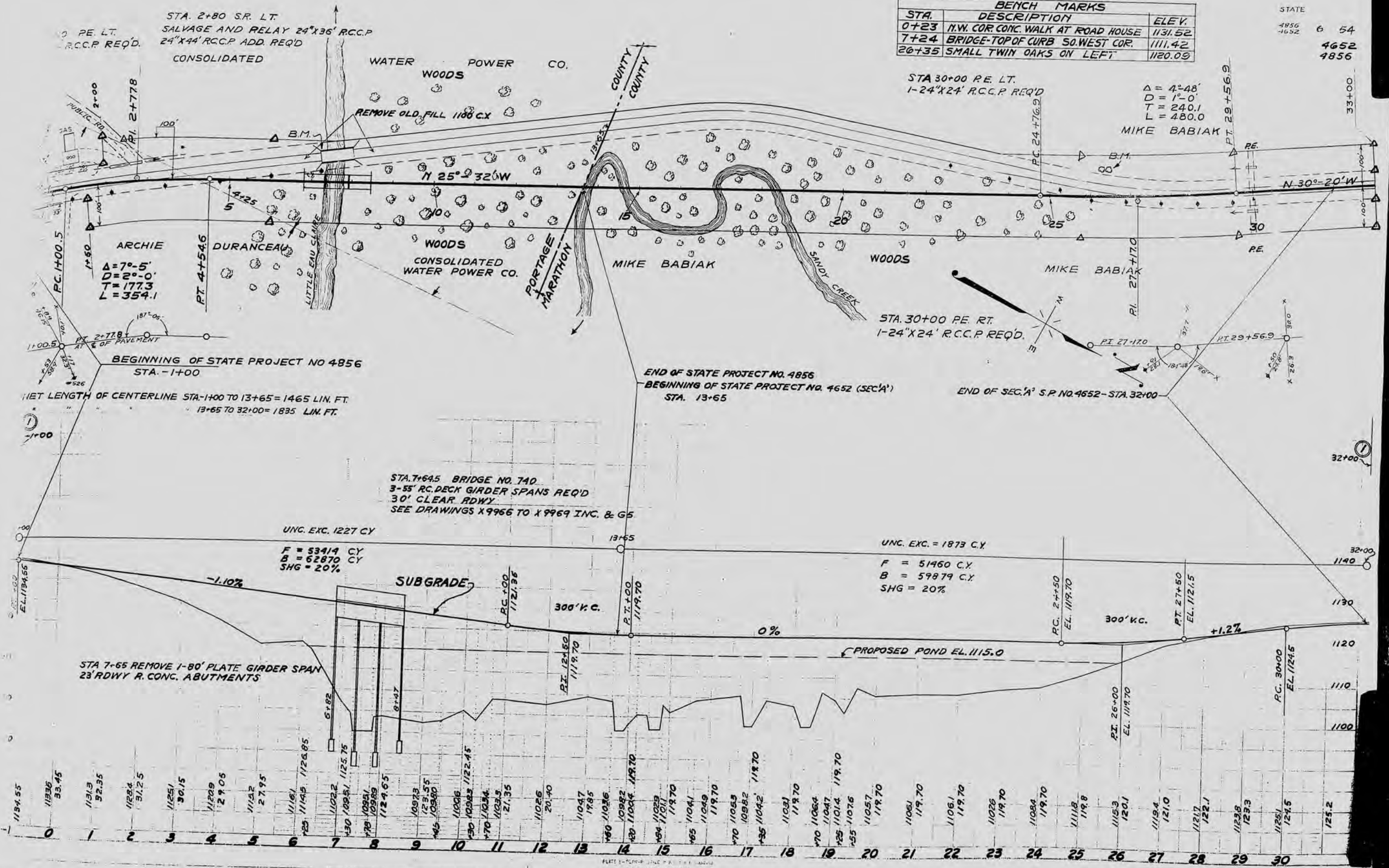
FED. ROAD DIST. NO.	STATE	DATE	SHEET NO.	TOTAL SHEETS
4	MD	4-26-52	3A	54

BEARING		GRUBBING				DISINT. GRANITE SURF.			GUARD FENCE					CONCRETE BOX CULVERTS							PIPE CULVERTS														
FROM STATION	STA.	MILE NO.	STATION TO STATION	SIDE R. OR L.	STA.	MILE NO.	STATION TO STATION	LOCATION	CU. YD.	MILE NO.	STATION TO STATION	SIDE R. OR L.	CABLE LIN. FT.	MARKER POSTS	ANCHOR-AGES	MILE NO.	STATION	SPAN FT.	HEIGHT FT.	LENGTH FT.	CONC. CU. YDS.	STEEL LBS.	EXCAV. CU. YDS.	WATER PFG SO. FT.	MARKER POSTS	MILE NO.	STATION	DIAMETER INCHES	LENGTH LIN. FT.	TYPE	✓	PE & S R	RIP RAP	MARKERS	
TO 13+65	8	1	26 TO 27		1	1	-1+00 TO 13+65	RDWY. 1015	1	2+97 TO 6+69	L	372															1	0+00	15	24	RC				
TO 27B	13	2	9B TO 12B		3	1		PK+SK 65	1	2+49 TO 6+69	R	420	1	2													1	2+80	24	44	"	✓			4
TO 12B	3	2	16B TO 18B		2	1	13+65 TO 32+00	RDWY. 1380	1	8+60 TO 13+65	L	505															1	2+80 SALVAGE	24	36	"	✓			4
TO 23B	7	2	48B TO 49B		1	1		PE. 10	1	8+60 TO 13+65	R	505															1	30+00	24	24	"	✓			4
TO 29B	1	2	55B TO 60B		5	2	7B+80 TO 60B+00	RDWY. 3866	1	13+65 TO 26+60	L	1295	1	4													1	30+00	24	24	"	✓			4
TO 31B	1	3	60B TO 65B		5	2		PE. 30	1	13+65 TO 25+64	R	1199															2	8B+30	15	20	"	✓			3
TO 44B	12	3	71B TO 73B		2	2		S.R. 50	2	14B+96 TO 18B+20	L	324															2	10B+60	15	20	"	✓			3
TO 49B	1	3	80B TO 81B		1	3	60B+00 TO 82B+00	RDWY. 1658	2	16B+52 TO 18B+20	R	168	1	2													2	13B+20	24	36	"	✓			4
TO 54B	1				3			PE. 30	2	19B+59 TO 46B+43	L	2688	1	8													2	15B+30	24	24	"	✓			4
TO 60B	5				3			S.R. 110	2	19B+55 TO 46B+43	R	2688															2	15B+30	24	24	"	✓			4
TO 65B	5				3		71B+00 TO 75B+00	OLD RD. 250	2	49B+60 TO 55B+72	L	612	1	2													2	15B+30	24	24	"	✓			4
TO 73B	2				2				2	48B+50 TO 55B+58	R	708	1	2													2	15B+30	24	24	"	✓			4
TO 81B	1																										2	54B+00	48	70	"	✓			4
																											2	57B+00	15	20	"	✓			3
																											2	57B+00	15	20	"	✓			3
																											3	62B+00	48	98	"	✓			8
																											3	64B+00	24	20	"	✓			4
																											3	64B+00	24	20	"	✓			4
																											3	65B+00	24	20	"	✓			4
																											3	66B+00	24	20	"	✓			4
																											3	67B+20	24	36	"	✓			4
																											3	67B+20	24	36	"	✓			4
																											3	76B+15	24	36	"	✓			4
																											3	79B+85	15	20	"	✓			3
																											3	79B+85	15	20	"	✓			3

MOVING CONC. PAVT.		RIPRAP		
FROM STATION	S.Y.	MILE NO.	STATION TO STATION	C.Y.
0 TO 8+61	1834	1	5+50 TO 7+64	291
00 TO 32+00	1400	1	7+64 TO 13+65	966
+50 TO 14B+00	1300	1	13+65 TO 26+00	1799
+30 TO 19+45	188	2	16B+00 TO 18B+87	588
+00 TO 82B+00	2200	2	18B+87 TO 46B+50	4593
		2	49B+00 TO 55B+75	986

BENCH MARKS		
STA.	DESCRIPTION	ELEV.
0+23	N.W. COR. CONC. WALK AT ROAD HOUSE	1131.52
7+24	BRIDGE-TOP OF CURB SO. WEST COR.	1111.42
26+35	SMALL TWIN OAKS ON LEFT	1120.09

STATE
 4856 6 54
 4652
 4652
 4856



STA 30+00 RE. LT.
 1-24"X24" R.C.C.P. REQ'D
 $\Delta = 4^{\circ}-48'$
 $D = 1^{\circ}-0'$
 $T = 240.1$
 $L = 480.0$
 MIKE BABIAK

STA. 2+80 S.R. LT.
 SALVAGE AND RELAY 24"X36" R.C.C.P.
 24"X44" R.C.C.P. ADD. REQ'D
 CONSOLIDATED

ARCHIE
 $\Delta = 7^{\circ}-5'$
 $D = 2^{\circ}-0'$
 $T = 177.3$
 $L = 354.1$

BEGINNING OF STATE PROJECT NO 4856
 STA. -1+00

NET LENGTH OF CENTERLINE STA. -1+00 TO 13+65 = 1465 LIN. FT.
 13+65 TO 32+00 = 1835 LIN. FT.

END OF STATE PROJECT NO. 4856
 BEGINNING OF STATE PROJECT NO. 4652 (SEC. A)
 STA. 13+65

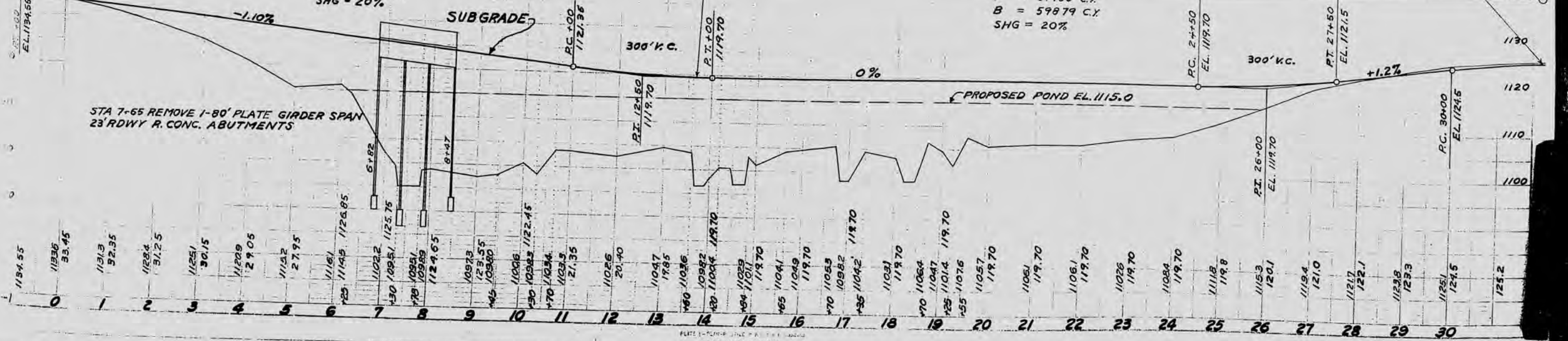
END OF SEC. A' S.P. NO. 4652 - STA. 32+00

STA. 7+64.5 BRIDGE NO. 740
 3-55' RC. DECK GIRDER SPANS REQ'D
 30' CLEAR RDWY
 SEE DRAWINGS X 9966 TO X 9969 INC. & GS

UNC. EXC. 1227 CY
 $F = 53414$ CY
 $B = 62870$ CY
 $SHG = 20\%$

UNC. EXC. = 1873 CY
 $F = 51460$ CY
 $B = 59879$ CY
 $SHG = 20\%$

STA 7+65 REMOVE 1-80' PLATE GIRDER SPAN
 23' RDWY R. CONC. ABUTMENTS

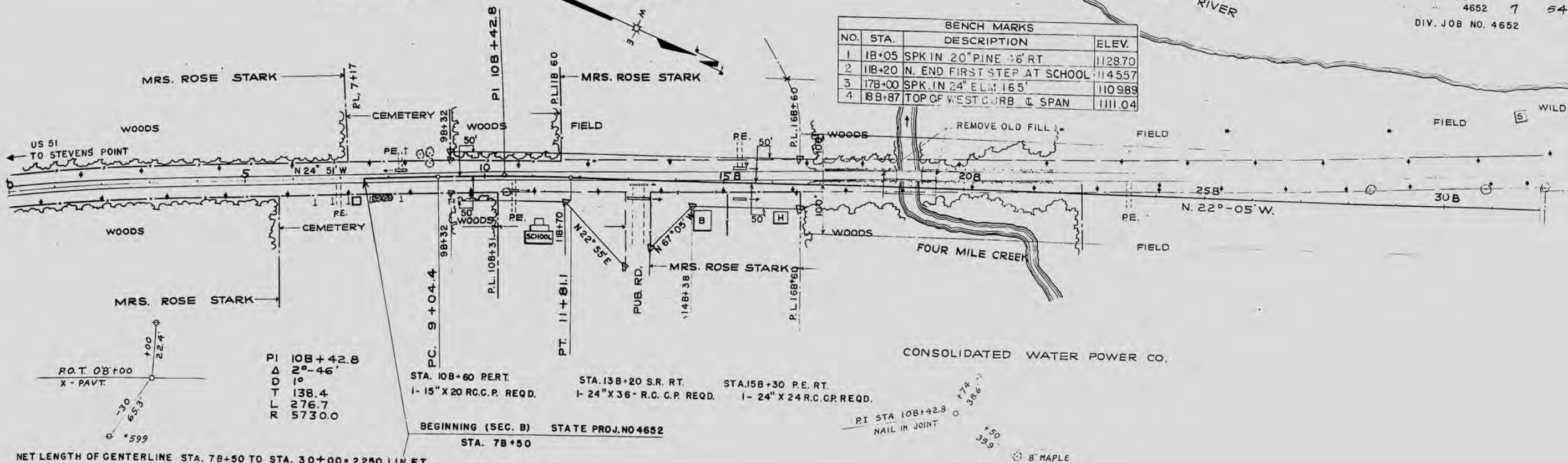


STA. 8+30 P.E.L.T.
1-15"X20 R.C.P. REQD.

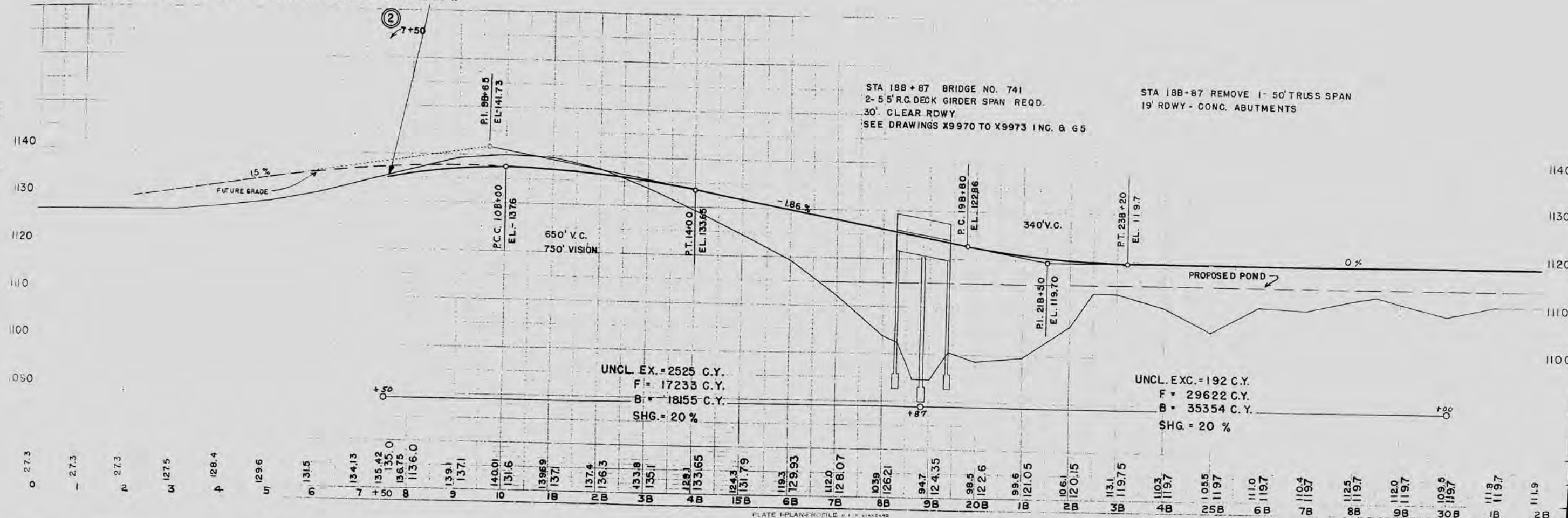
STA 15B+30 P.E.L.T.
1-24"X24 R.C.P. REQD.

STATE
4652 7 54
DIV. JOB NO. 4652

BENCH MARKS			
NO.	STA.	DESCRIPTION	ELEV.
1	1B+05	SPK IN 20" PINE 46' RT	1128.70
2	11B+20	N. END FIRST STEP AT SCHOOL	1145.57
3	17B+00	SPK IN 24" ELM 165'	1109.89
4	8B+87	TOP OF WEST CURB & SPAN	1111.04



NET LENGTH OF CENTERLINE STA. 7B+50 TO STA. 30+00 = 2250 LIN. FT.



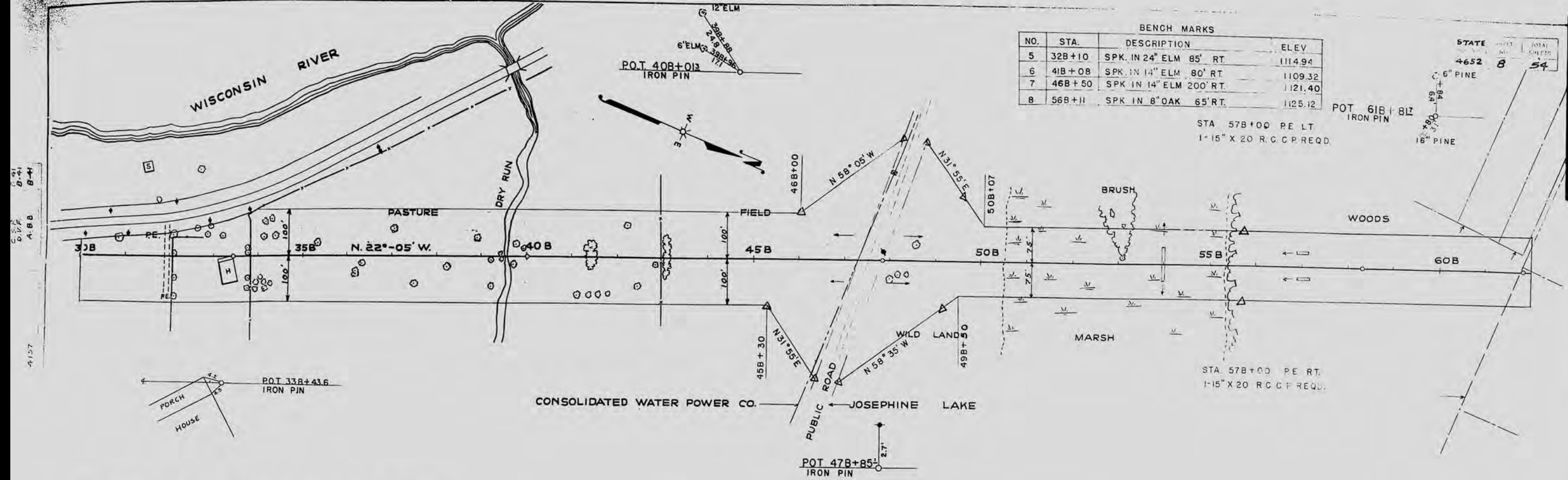
STA 18B+87 BRIDGE NO. 741
2-55' R.C. DECK GIRDER SPAN REQD.
30' CLEAR RDWY
SEE DRAWINGS X9970 TO X9973 INC. B 65

STA 18B+87 REMOVE 1-50' TRUSS SPAN
19' RDWY - CONC. ABUTMENTS

UNCL. EX. = 2525 C.Y.
F = 17233 C.Y.
B = 18155 C.Y.
SHG = 20 %

UNCL. EX. = 192 C.Y.
F = 29622 C.Y.
B = 35354 C.Y.
SHG = 20 %

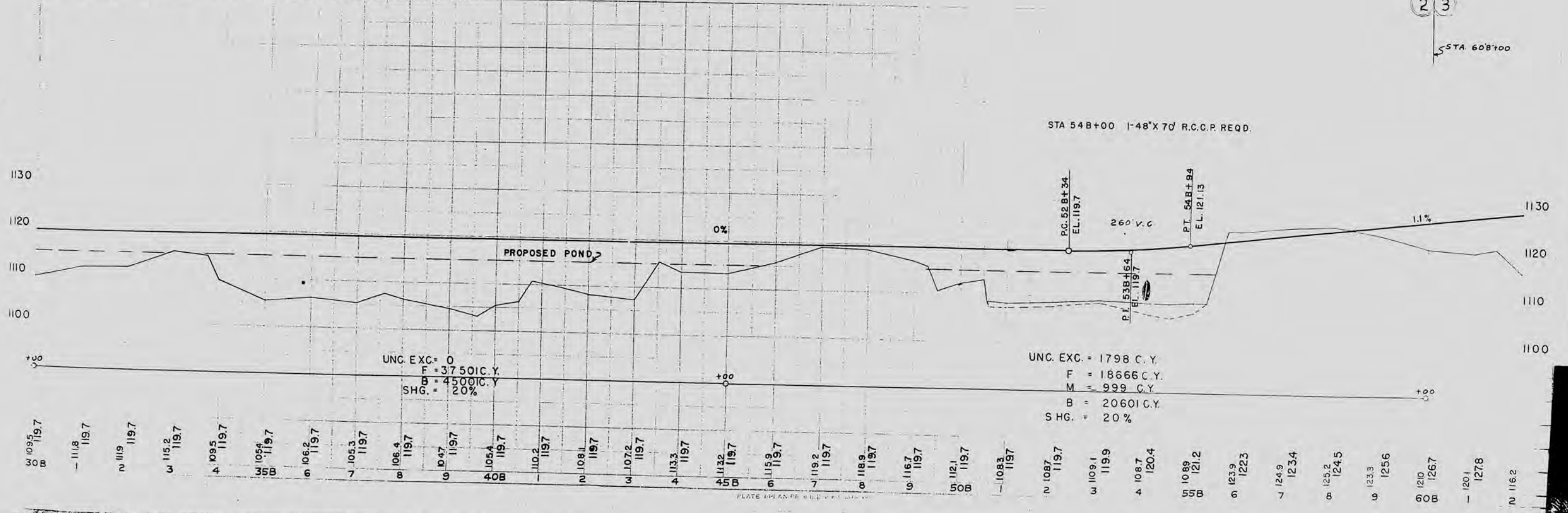
0	27.3	1	27.3	2	27.3	3	127.5	4	128.4	5	129.6	6	131.5	7	134.13	8	135.42	9	135.0	10	136.75	11	136.0	12	139.1	13	137.1	14	140.01	15	131.6	16	139.9	17	137.1	18	137.4	19	136.3	20	133.8	21	135.1	22	128.1	23	133.65	24	124.3	25	131.79	26	119.3	27	129.93	28	120	29	128.07	30	103.9	31	126.21	32	94.7	33	124.35	34	98.5	35	122.6	36	99.6	37	121.05	38	106.1	39	120.15	40	113.1	41	119.75	42	110.3	43	119.7	44	105.5	45	119.7	46	111.0	47	119.7	48	110.4	49	119.7	50	112.5	51	119.7	52	112.0	53	119.7	54	109.5	55	119.7	56	111.9	57	119.7	58	111.9	59	111.9	60	111.9
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BENCH MARKS			
NO.	STA.	DESCRIPTION	ELEV.
5	32B+10	SPK IN 24" ELM 85' RT	1114.94
6	41B+08	SPK IN 14" ELM 80' RT	1109.32
7	46B+50	SPK IN 14" ELM 200' RT	1121.40
8	56B+11	SPK IN 8" OAK 65' RT	1125.12



NET LENGTH OF CENTERLINE STA 30B+00 TO STA 60B+00= 3000 LIN. FT.



UNC. EXC. = 0
 F = 3750 C.Y.
 B = 4500 C.Y.
 SHG. = 20%

UNC. EXC. = 1798 C.Y.
 F = 18666 C.Y.
 M = 999 C.Y.
 B = 20601 C.Y.
 SHG. = 20%

- 30B 109.5 119.7
- 31B 111.8 119.7
- 32B 111.9 119.7
- 33B 115.2 119.7
- 34B 109.5 119.7
- 35B 105.2 119.7
- 36B 105.3 119.7
- 37B 106.4 119.7
- 38B 104.7 119.7
- 39B 105.4 119.7
- 40B 110.2 119.7
- 41B 108.1 119.7
- 42B 107.2 119.7
- 43B 113.3 119.7
- 44B 113.2 119.7
- 45B 115.9 119.7
- 46B 119.2 119.7
- 47B 118.9 119.7
- 48B 116.7 119.7
- 49B 112.1 119.7
- 50B 108.3 119.7
- 51B 108.7 119.7
- 52B 109.1 119.9
- 53B 108.7 120.4
- 54B 10.89 121.2
- 55B 123.9 122.3
- 56B 124.9 123.4
- 57B 125.2 124.5
- 58B 123.3 125.6
- 59B 121.0 126.7
- 60B 120.1 127.8
- 61B 116.2

23
 STA 60B+00

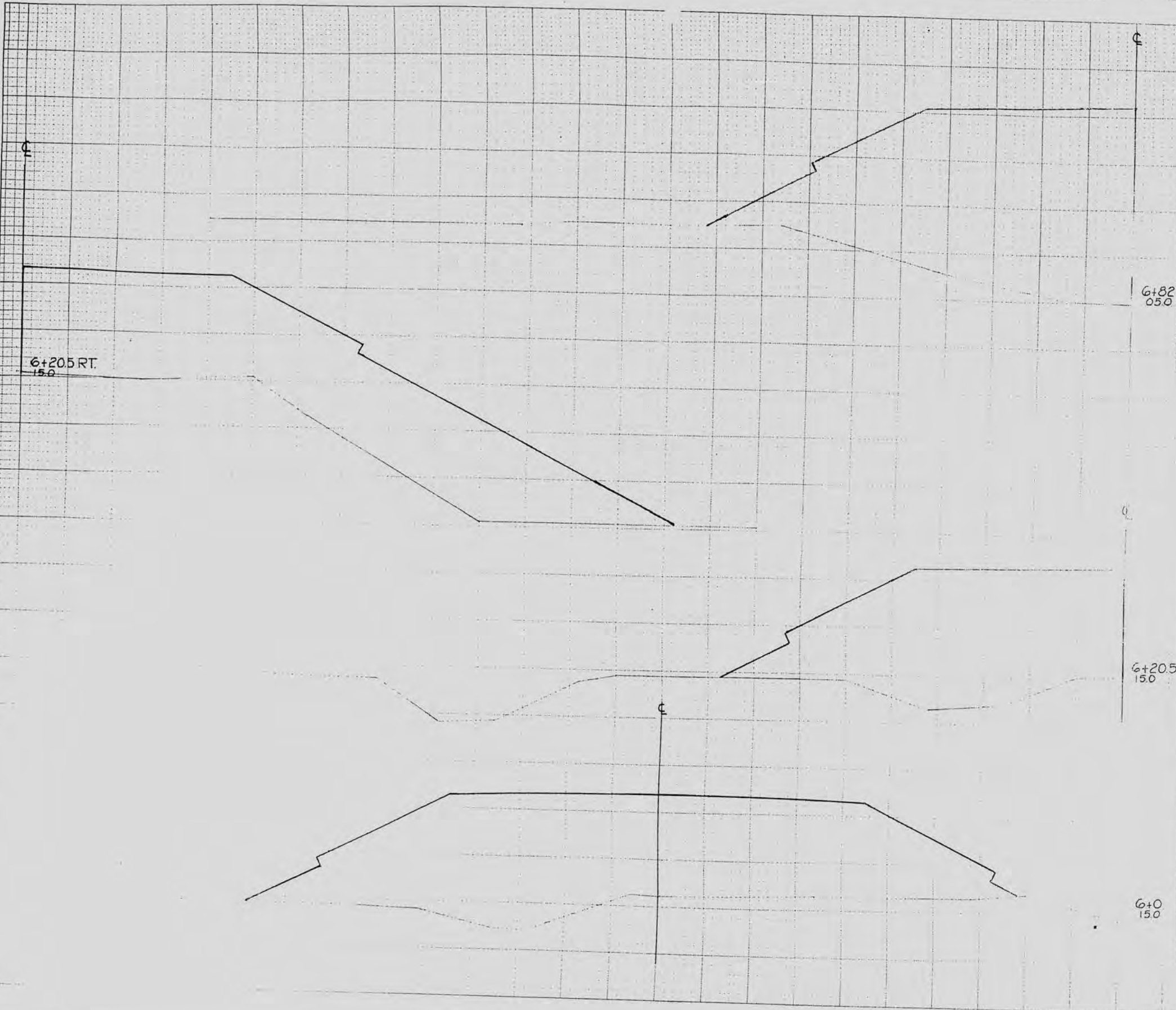
STA 54B+00 1-48" X 70' R.C.C.P. REQD.

STA 57B+00 PE LT
 1-15" X 20' R.C.C.P. REQD.

STA 57B+00 PE RT
 1-15" X 20' R.C.C.P. REQD.

FINAL SURVEY PLOTTED
 NOTE BOOK NO. _____
 AREA CHECKED _____

DATE _____
 BY _____
 CHECKED BY _____



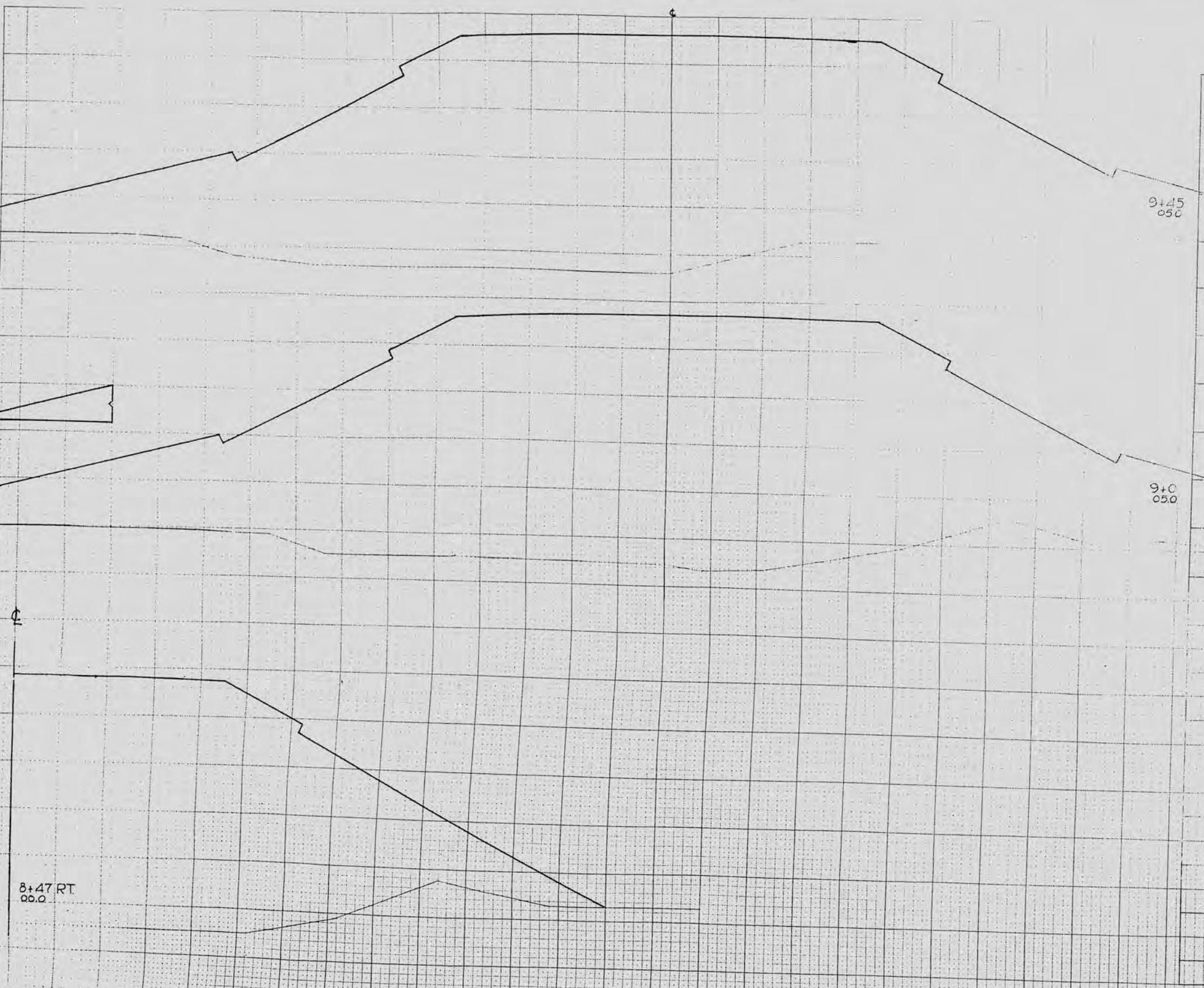
C.Y.	STEP SLOPES	STATION	END AREA				DISTANCE	YARDAGE						
			COMMON	ROCK	UNCL	FILL		COMMON	ROCK	UNCL	TOTAL	TOTAL FILL		
		+82			0	1710			0	0	327.6			
		+20			0	1143			0	0	70.4			
		6+0			0	760			0	0	26.50			
SUB TOTAL-MILE														
SHEET TOTAL			0 0 6630											

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
WISC.	4856	27	54
DIVISION JOB NO. 4856			

FINAL SURVEY
 SUBMITTED BY
 DATE

DATE
 BY

STATE
 WIN 4856 29 54
 4856

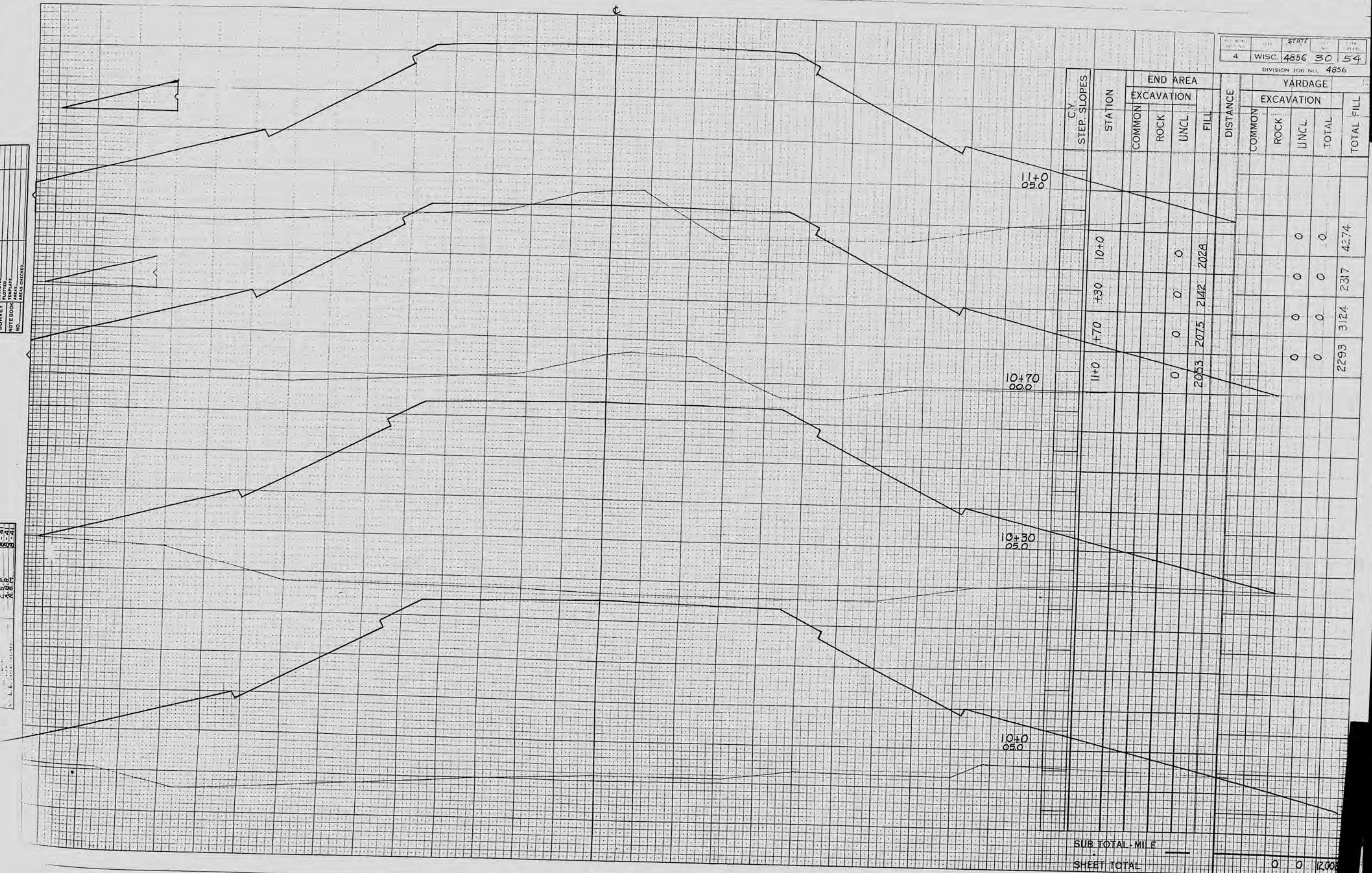


C.Y. STEP SLOPES	STATION	END AREA				DISTANCE	YAREAGE				
		EXCAVATION			FILL		EXCAVATION				TOTAL FILL
		COMMON	ROCK	UNCL			COMMON	ROCK	UNCL	TOTAL	
	9+45			0	2159			0	0	0	3945
	9+0			0	2445			0	0	0	4471
	9+45 050										
	8+47 RT 00.0										
SUB TOTAL - MILE											
SHEET TOTAL											0 0 8316

STATE OF WISCONSIN
 DIVISION JOB NO. 4856

FINAL SURVEY
 SURVEYOR'S NAME
 DATE

DATE
 10/10/00



C.Y. STEP SLOPES	STATION	END AREA				DISTANCE	YARDAGE				
		EXCAVATION			FILL		EXCAVATION				TOTAL FILL
		COMMON	ROCK	UNCL.		COMMON	ROCK	UNCL.	TOTAL	TOTAL FILL	
	11+00										
	10+30										
	10+70										
	11+00										
	10+30										
	10+70										
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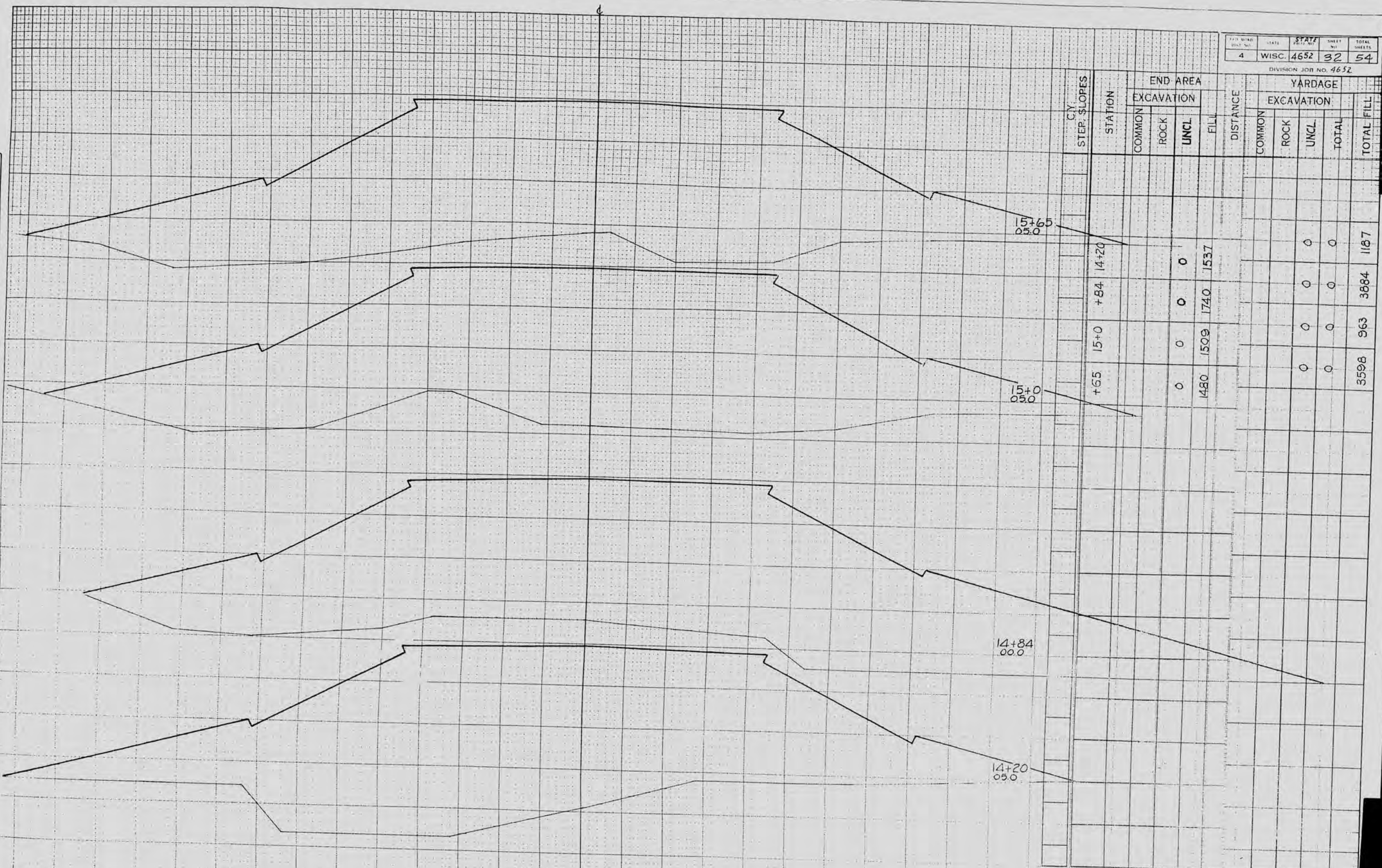
DIVISION JOB NO. 4652

C.Y.	STEP SLOPES	STATION	END AREA				DISTANCE	YARDAGE				
			EXCAVATION			FILL		EXCAVATION				TOTAL FILL
			COMMON	ROCK	UNCL.		COMMON	ROCK	UNCL.	TOTAL		
		14+0			0	1669		0	0	0	2217	
		+65			0	1750		0	0	0	3652	
		13+0			0	1284		0	0	0	5141	
		12+0			0	1492		0	0	0	6565	
SUB TOTAL - MILE							1	1227	1227	53414		
SHEET TOTAL								0	0	17575		

1. L.L. ...
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 9. ...
 10. ...

1. L.L. ...
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DIVISION JOB NO. 4652



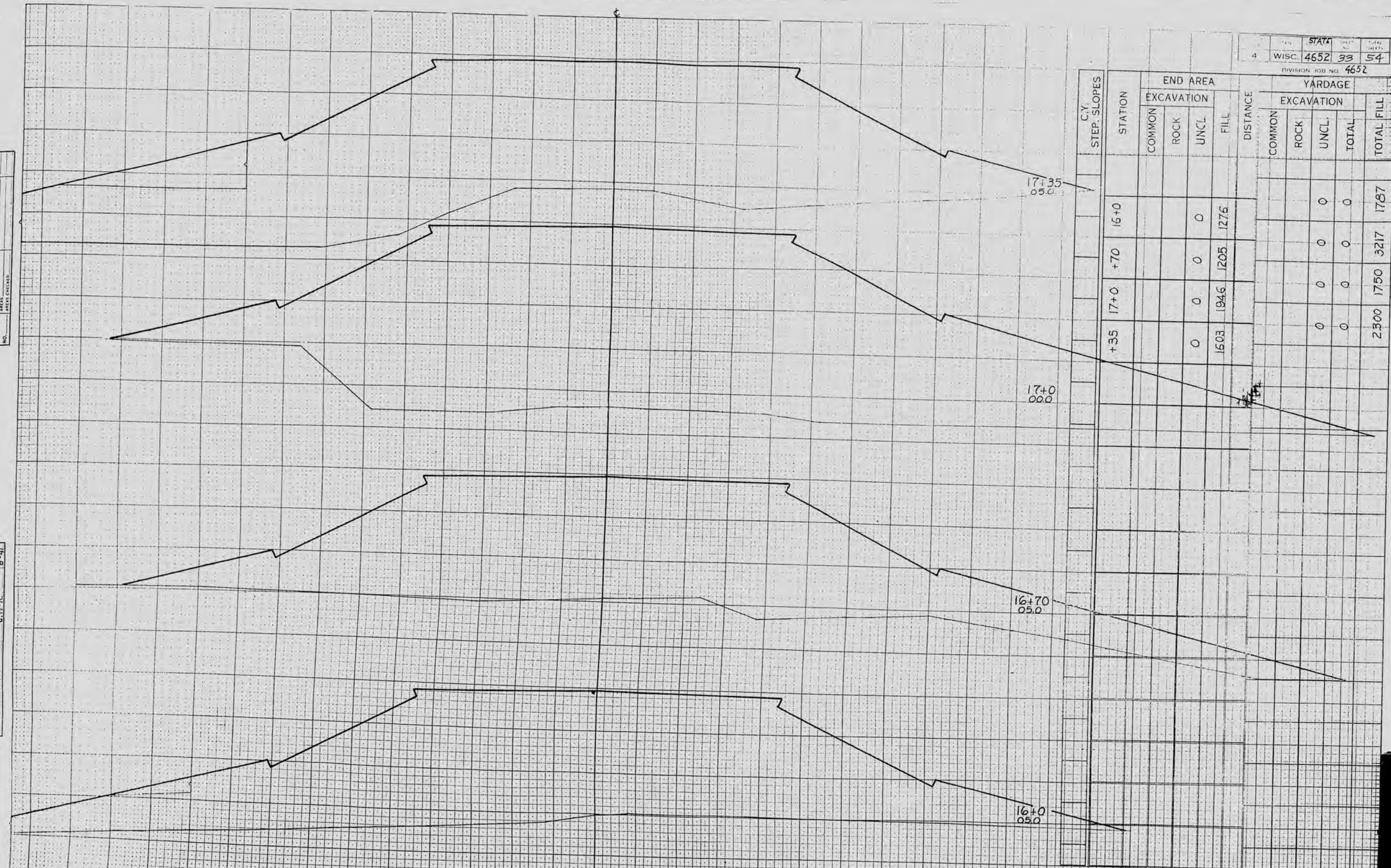
STATION	END AREA				DISTANCE	YARDAGE				
	EXCAVATION			FILL		EXCAVATION			TOTAL FILL	
	COMMON	ROCK	UNCL			COMMON	ROCK	UNCL		TOTAL
14+20			0				0	0		
+84			0				0	0		
15+0			0				0	0		
+65			0				0	0		
15+65			0				0	0		
						1480	1509	1740	1537	
										3598
										963
										3884
										1187

SUB TOTAL - MILE _____
 SHEET TOTAL 0 0 9632

FINAL SURVEY PLATS
 IN THE BOOK
 NO. _____

14+20
 15+0
 15+84
 15+65

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

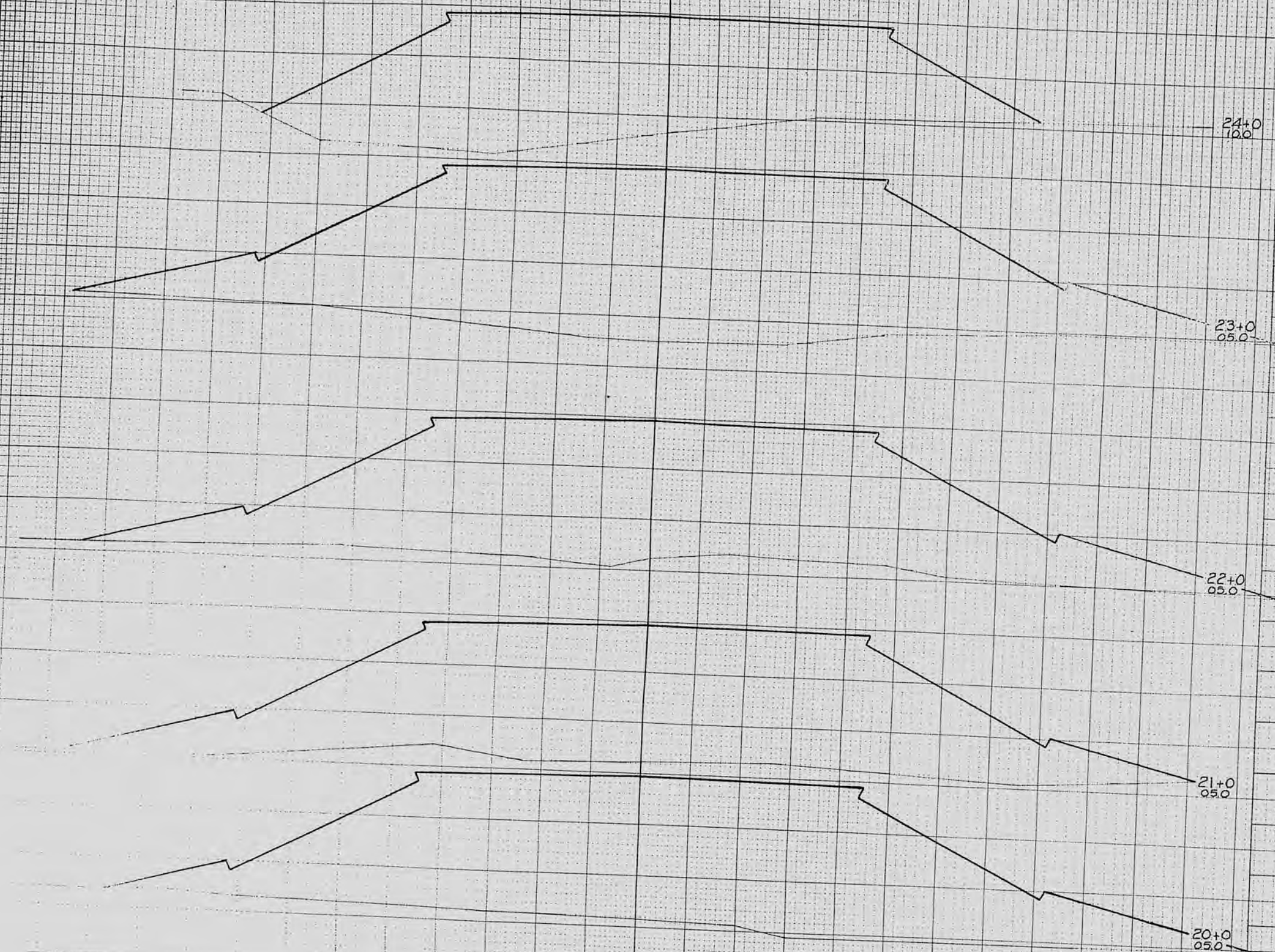


C.Y. STEP. SLOPES	STATION	END AREA				DISTANCE	YARDAGE					
		EXCAVATION					EXCAVATION					
		COMMON	ROCK	UNCL.	FILL		COMMON	ROCK	UNCL.	TOTAL		
	16+0			0	1276			0	0		1787	
	+70			0	1205			0	0		3217	
	17+0			0	1946			0	0		1750	
	+35			0	1603			0	0		2300	
SUB TOTAL-MILE												
SHEET TOTAL										0	0	9054

FINAL SURVEY
 DRAWING TEMPLATE
 NOTE BOOK
 NO. _____
 DATE CHECKED _____

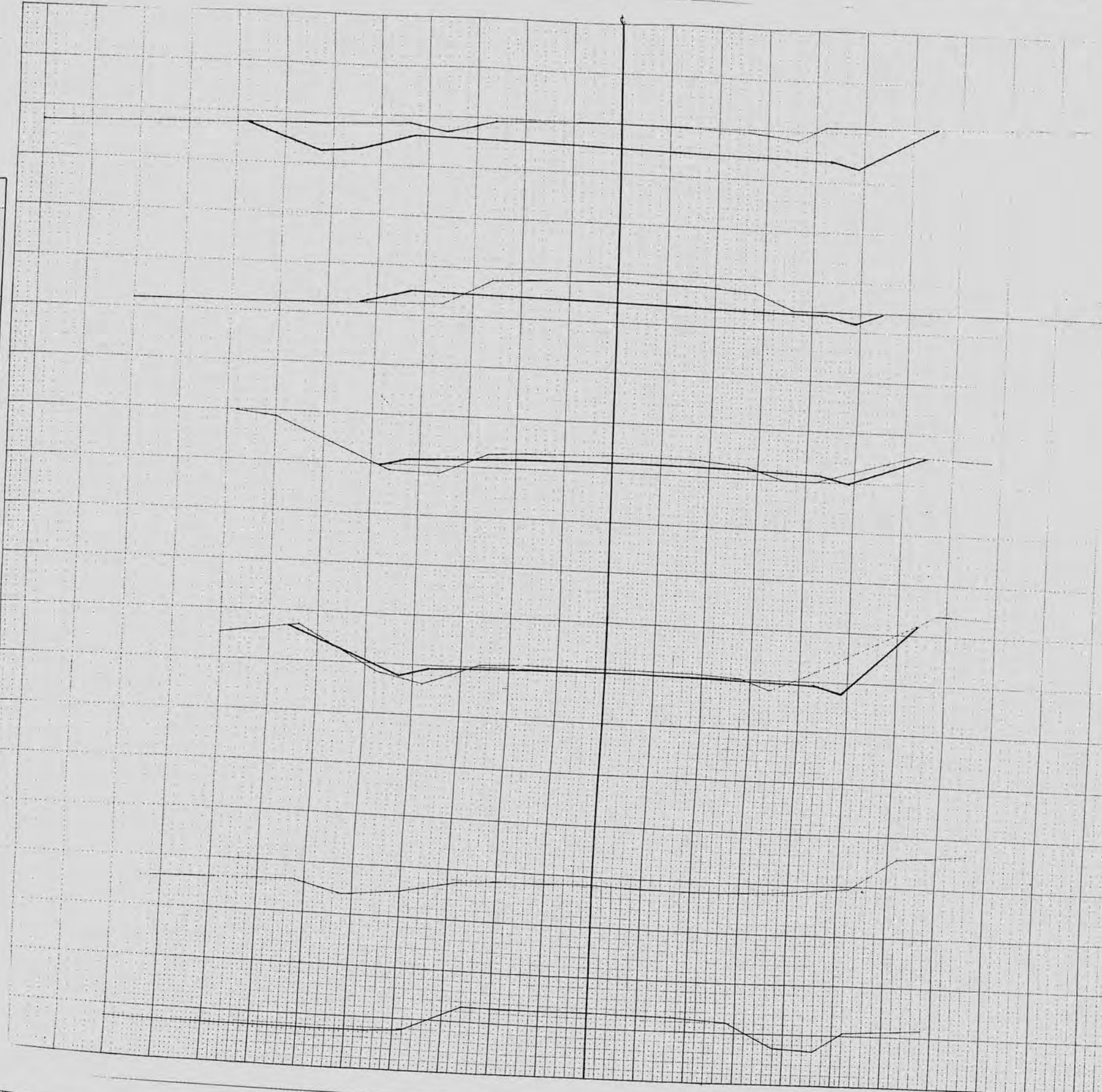
21
 22
 23
 24

FIELD ROAD DIST. NO.	STATE	STATE PROJECT NO.	SHEET NO.	TOTAL SHEETS
4	WISC.	4652	35	54
DIVISION JOB NO. 4652				



CIV. SLOPES	STATION	END AREA				DISTANCE	YARDAGE			
		EXCAVATION					EXCAVATION			
		COMMON	ROCK	UNCL	FILL	COMMON	ROCK	UNCL	TOTAL	TOTAL FILL
	24+0									
	23+0									
	22+0									
	21+0									
	20+0									
	24+0	0	0	0	0	696	0	0	0	0
	23+0	0	0	0	0	1189	0	0	0	0
	22+0	0	0	0	0	984	0	0	0	0
	21+0	0	0	0	0	966	0	0	0	0
	20+0	0	0	0	0	1017	0	0	0	0
SUB TOTAL - MILE										
SHEET TOTAL		0	0	0	0	3491	0	0	0	14798

UNIVERSITY OF MICHIGAN
SURVEYING DEPARTMENT
NOTICE: THIS MAP IS THE PROPERTY OF THE UNIVERSITY OF MICHIGAN SURVEYING DEPARTMENT AND IS LOANED TO YOU FOR YOUR USE ONLY. IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF THE SURVEYING DEPARTMENT.



STA 10+00
100.7

STA 9+00
105.7

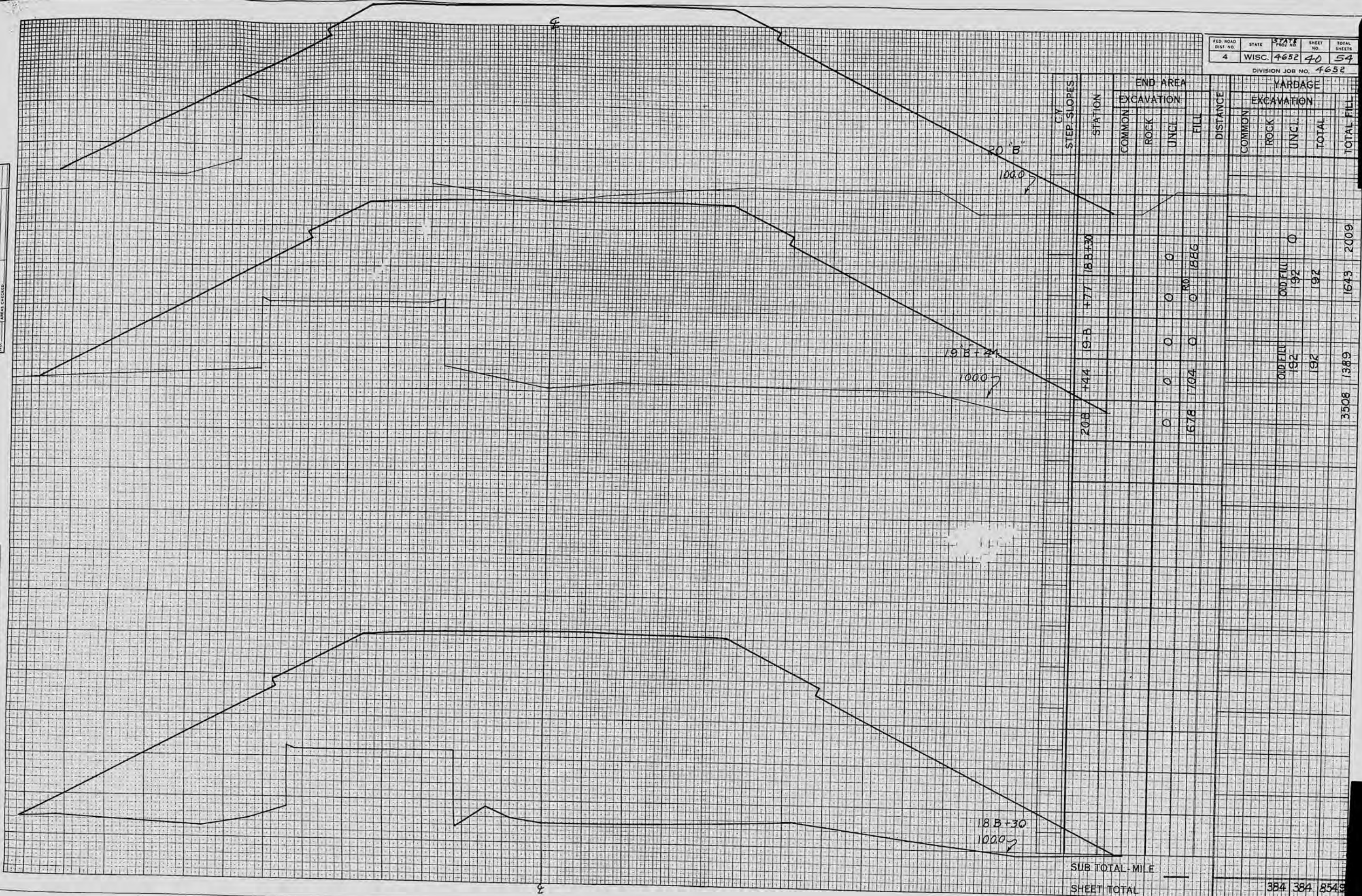
STA 8+00
135.7

STA 7+50
135.7

STA 7+00
135.7

STA 6+00
130.7

CY	STEP SLOPES	STATION	END AREA				YARDAGE				
			EXCAVATION				EXCAVATION				
			COMMON	ROCK	LAGG	OTHER	SO. MOY	LAGG	OTHER	TOTAL	TOTAL FILL
		10+00									
		9+00									
		8+00									
		7+50									
		7+00									
		6+00									
SUB TOTAL - MIN F.											
SHEET TOTAL										655 655 91	



STATION	END AREA				DISTANCE	YARDAGE				TOTAL FILL	
	EXCAVATION					EXCAVATION					
	COMMON	ROCK	UNCL.	FILL	COMMON	ROCK	UNCL.	TOTAL			
20B +44	0	0	0	0	0	0	0	0	0	0	
19B +44	0	0	0	0	1678	1704	0	0	0	0	
18B +30	0	0	0	0	0	0	0	0	0	0	
SUB TOTAL - MILE											
SHEET TOTAL									384	384	8549

FINAL SURVEY...
NO. 1

NO. 2

NO. 1258
 SURVEY NO. 1258
 NOTES: 1. ALL AREAS CHECKED
 2. ALL AREAS CHECKED
 3. ALL AREAS CHECKED
 4. ALL AREAS CHECKED
 5. ALL AREAS CHECKED
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NO. 1258
 SURVEY NO. 1258
 NOTES: 1. ALL AREAS CHECKED
 2. ALL AREAS CHECKED
 3. ALL AREAS CHECKED
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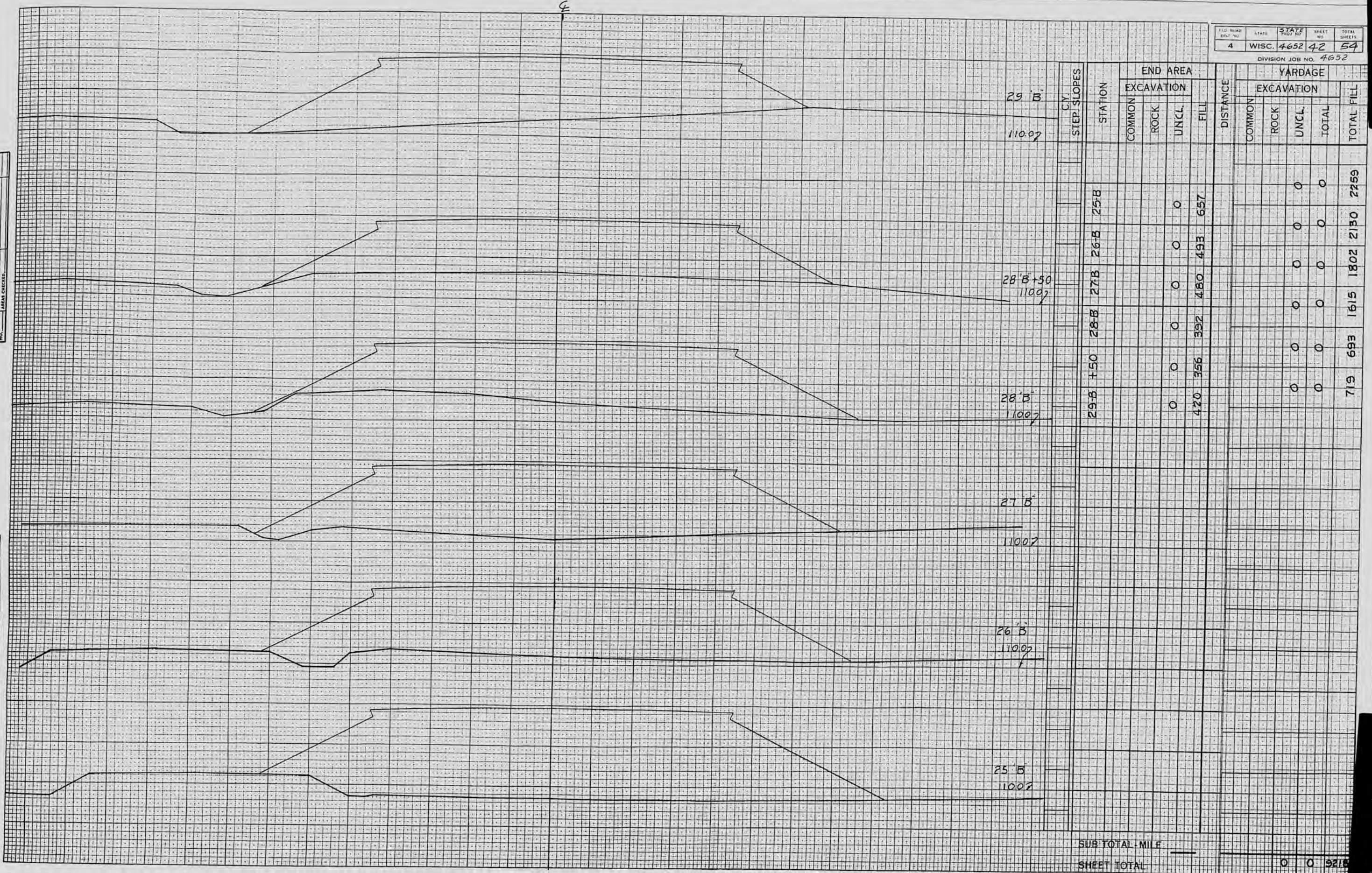


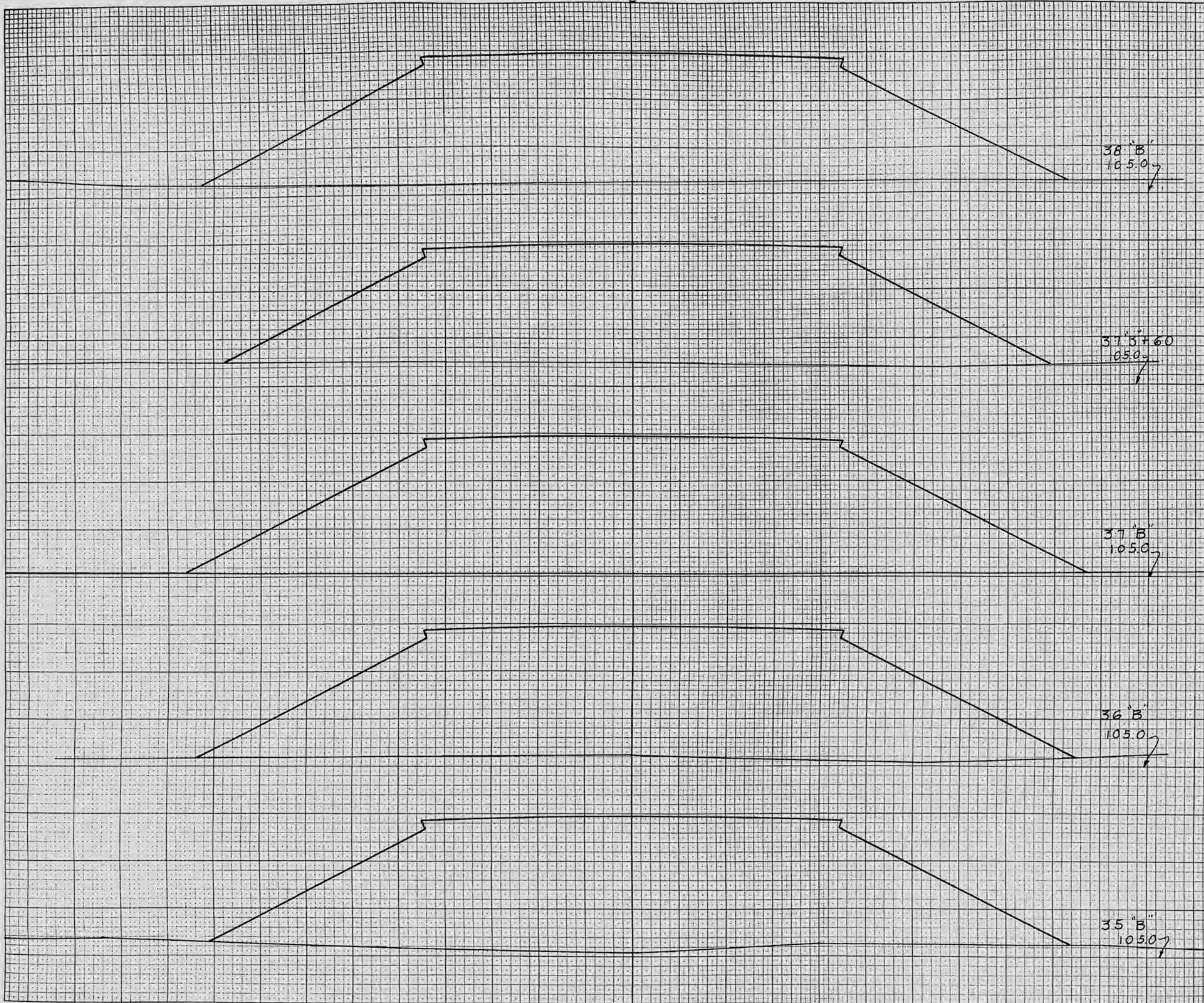
STEP SLOPES	STATION	END AREA				DISTANCE	YARDAGE							
		COMMON	ROCK	UNCL.	FILL		COMMON	ROCK	UNCL.	TOTAL	TOTAL FILL			
	24-B			0	563	389			0	0	1770	724		
	23-B			0	393	389			0	0	1770	724		
	H+50			0	0	0			0	0	1259	4291		
	22-B			0	0	971			0	0	4291	4291		
	21-B			0	0	1346			0	0	5600	5600		
SUB TOTAL - MILE														
SHEET TOTAL												0	0	13648

FINISHED SURVEY
 NOTEBOOK NO. 4258
 CHECKED J. H. K.

FINISHED SURVEY
 NOTEBOOK NO. 4258
 CHECKED J. H. K.

DIST. NO. 4
 STATE WISC. 4652
 SHEET NO. 42
 TOTAL SHEETS 54
 DIVISION JOB NO. 4632





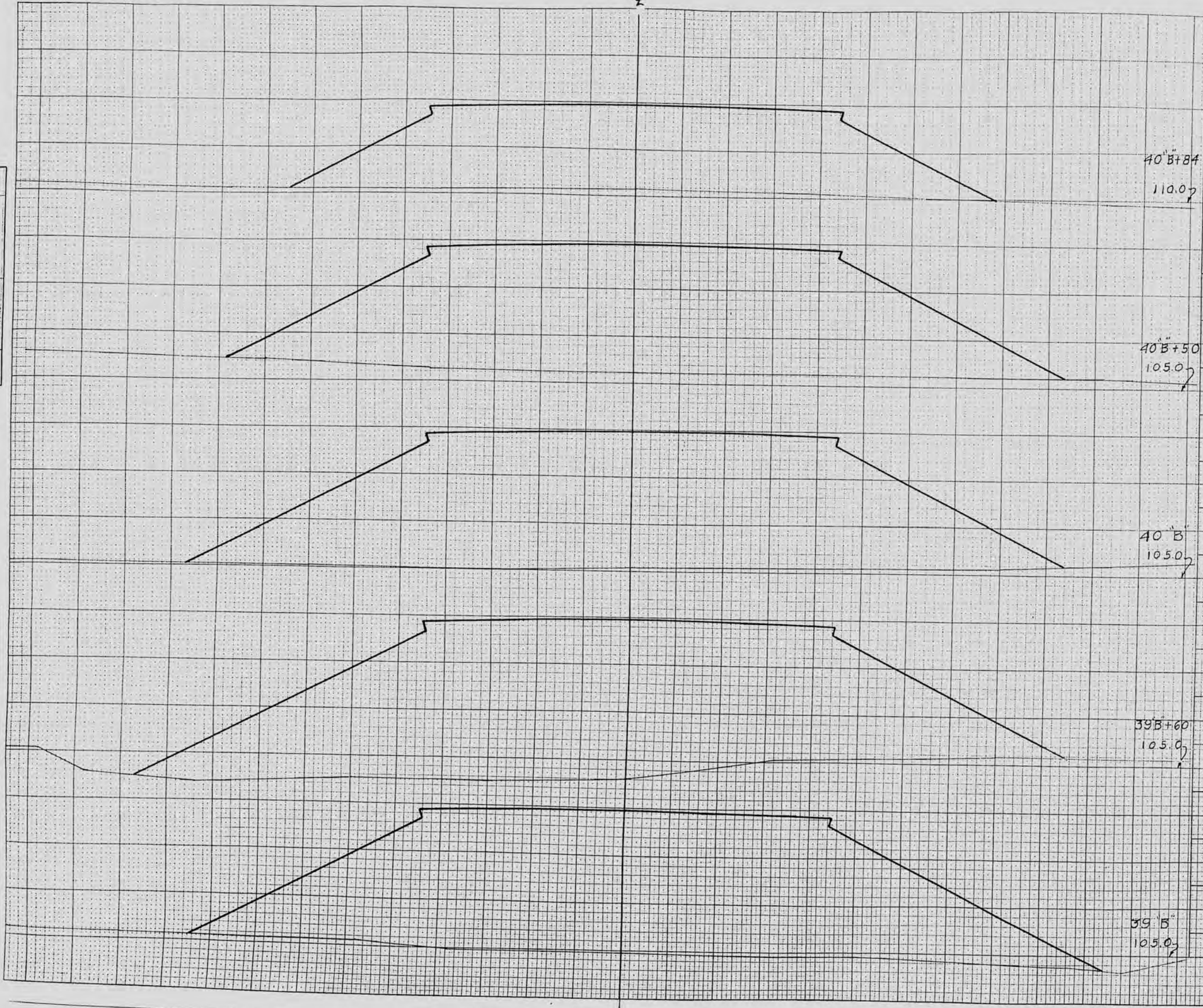
C.Y. STEP SLOPES	STATION	END AREA				DISTANCE	YARDAGE				TOTAL FILL	
		EXCAVATION					EXCAVATION					
		COMMON	ROCK	UNCL.	FILL		COMMON	ROCK	UNCL.	TOTAL		
	35B			0	915			0	0			
	36B			0	933			0	0			
	37B			0	1007			0	0			
	38B			0	791			0	0			
	820			820	791			0	0			
SUB TOTAL - MILE												
SHEET TOTAL											1244	
											1998	
											3593	
											3422	
											2935	

FINAL SURVEY PLOTTING TEMPLATE NO. 42258

FINAL SURVEY PLOTTING TEMPLATE NO. 42258

£

STATE	SHEET	TOTAL SHEETS
WISC. 4652	45	54
DIVISION JOB NO. 4652		



C.Y.	STEP SLOPES	STATION	END AREA				DISTANCE	YARDAGE								
			COMMON	ROCK	UNCL.	FILL		COMMON	ROCK	UNCL.	TOTAL	TOTAL FILL				
		+84			0	535	887	0	0	0	0	894	1724	1565	2406	3550
		+50			0			0	0	0	0					
		40-B			0			0	0	0	0					
		+60			0			0	0	0	0					
		39B			0			0	0	0	0					
		+84			0			0	0	0	0					
		40' B + 84			110.07											
		40' B + 50			105.07											
		40' B			105.07											
		39' B + 60			105.07											
		39' B			105.07											
SUB TOTAL - MILE																
SHEET TOTAL											0	0	10,39			

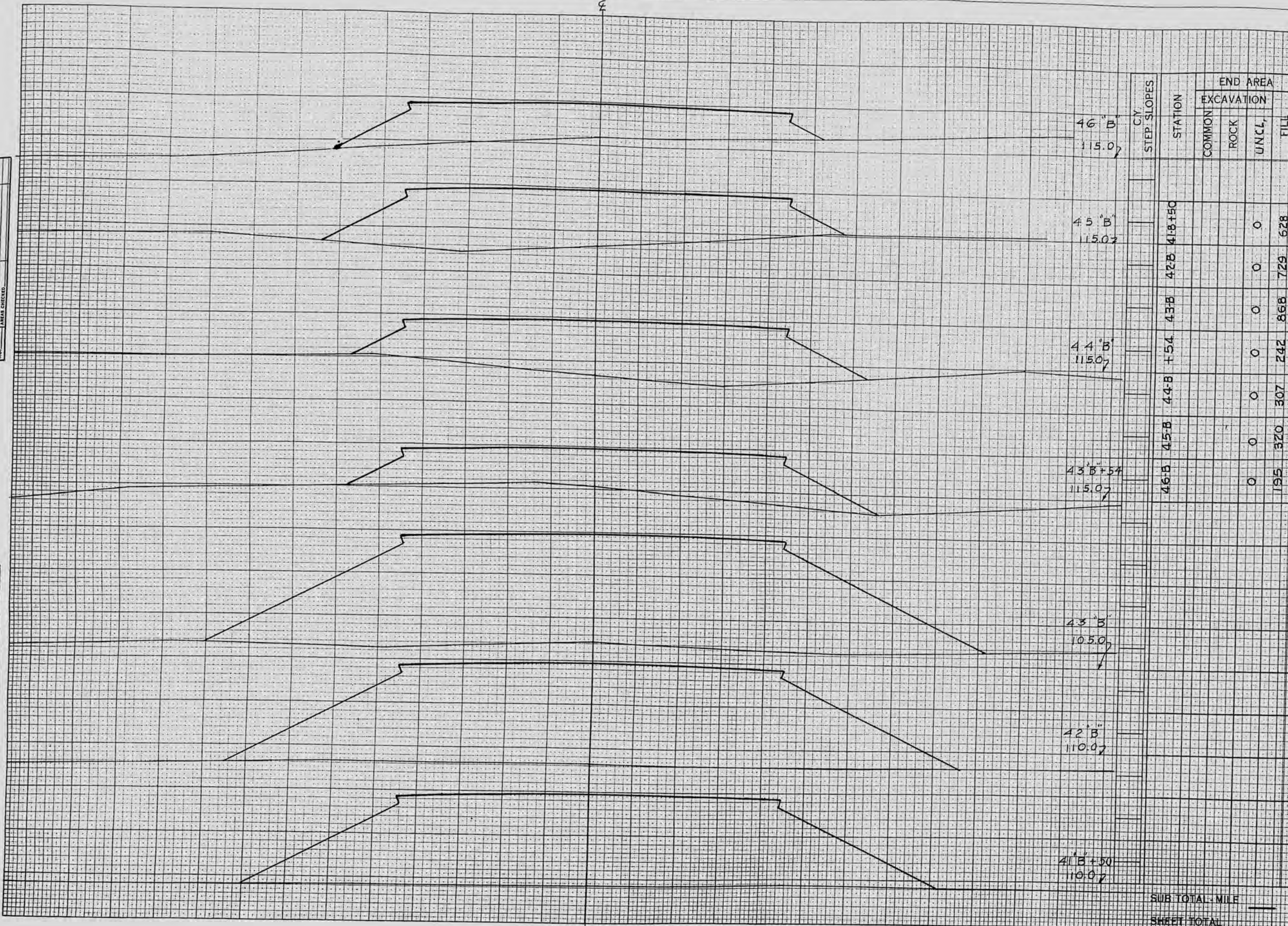
SURVEY PLOTTED BY
 SURVEY NO. 4652
 NOTE BOOK NO. 4652
 AREAS CHECKED

4652
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FINAL SURVEY PLATE NO. 4652

FINAL SURVEY PLATE NO. 4652

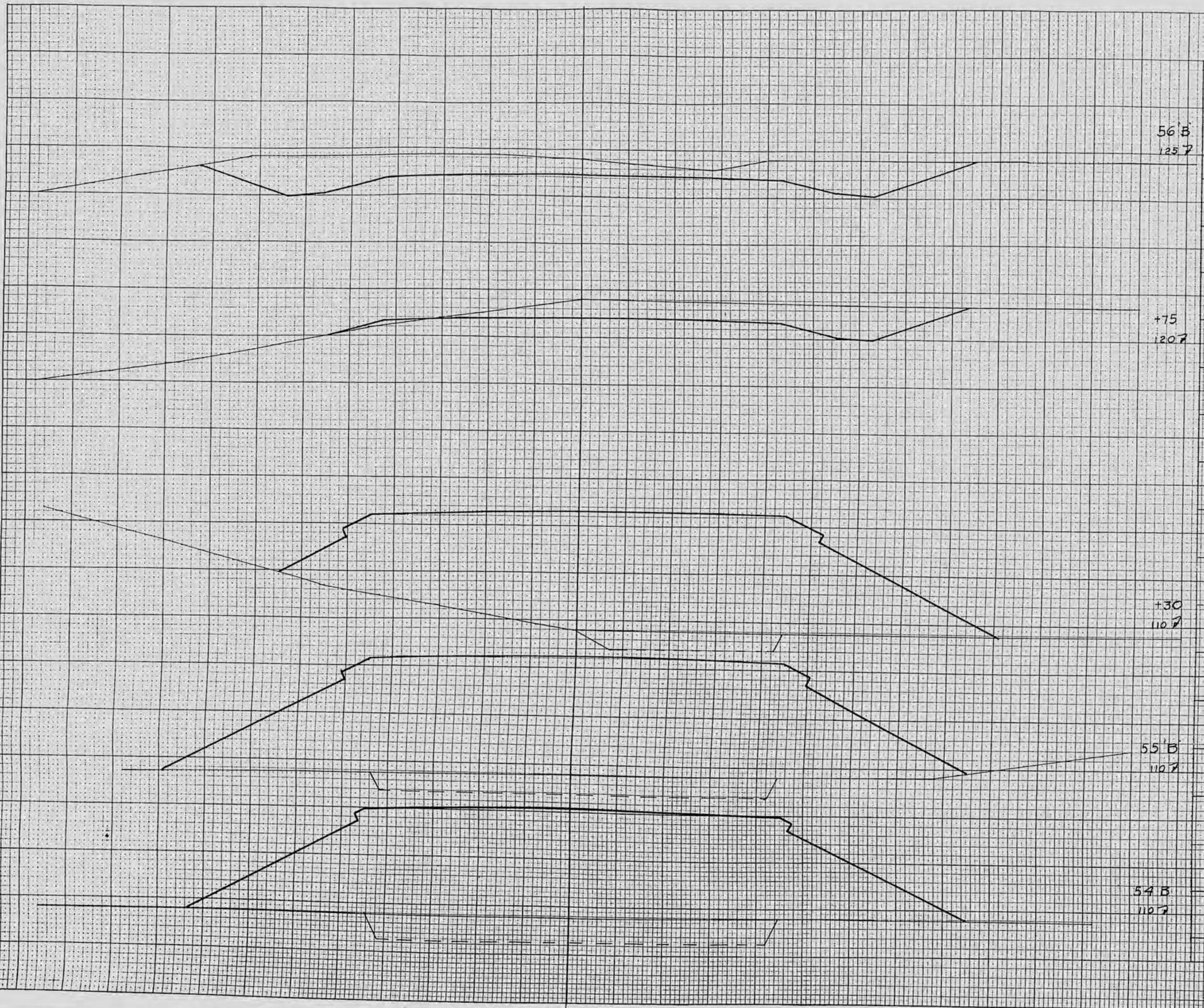
FED. ROAD DIST. NO. 4 STATE WISC. +652 SHEET NO. 46 TOTAL SHEETS 54
DIVISION JOB NO. 4652



CY	STEP SLOPES	STATION	END AREA				DISTANCE	YARDAGE														
			EXCAVATION					EXCAVATION														
			COMMON	ROCK	UNCL.	FILL		COMMON	ROCK	UNCL.	TOTAL	TOTAL FILL										
		46+B 115.07																				
		45+B 115.07																				
		44+B 115.07																				
		43+B+54 115.07																				
		43+B 105.0																				
		42+B 110.07																				
		41+B+50 110.07																				
SUB TOTAL - MILE																						
SHEET TOTAL																						

FINAL SURVEY
 SURVEYED: _____
 PLOTTED: _____
 CHECKED: _____
 DATE: _____

ORIGINAL SURVEY
 SURVEYED: _____
 PLOTTED: _____
 CHECKED: _____
 DATE: _____

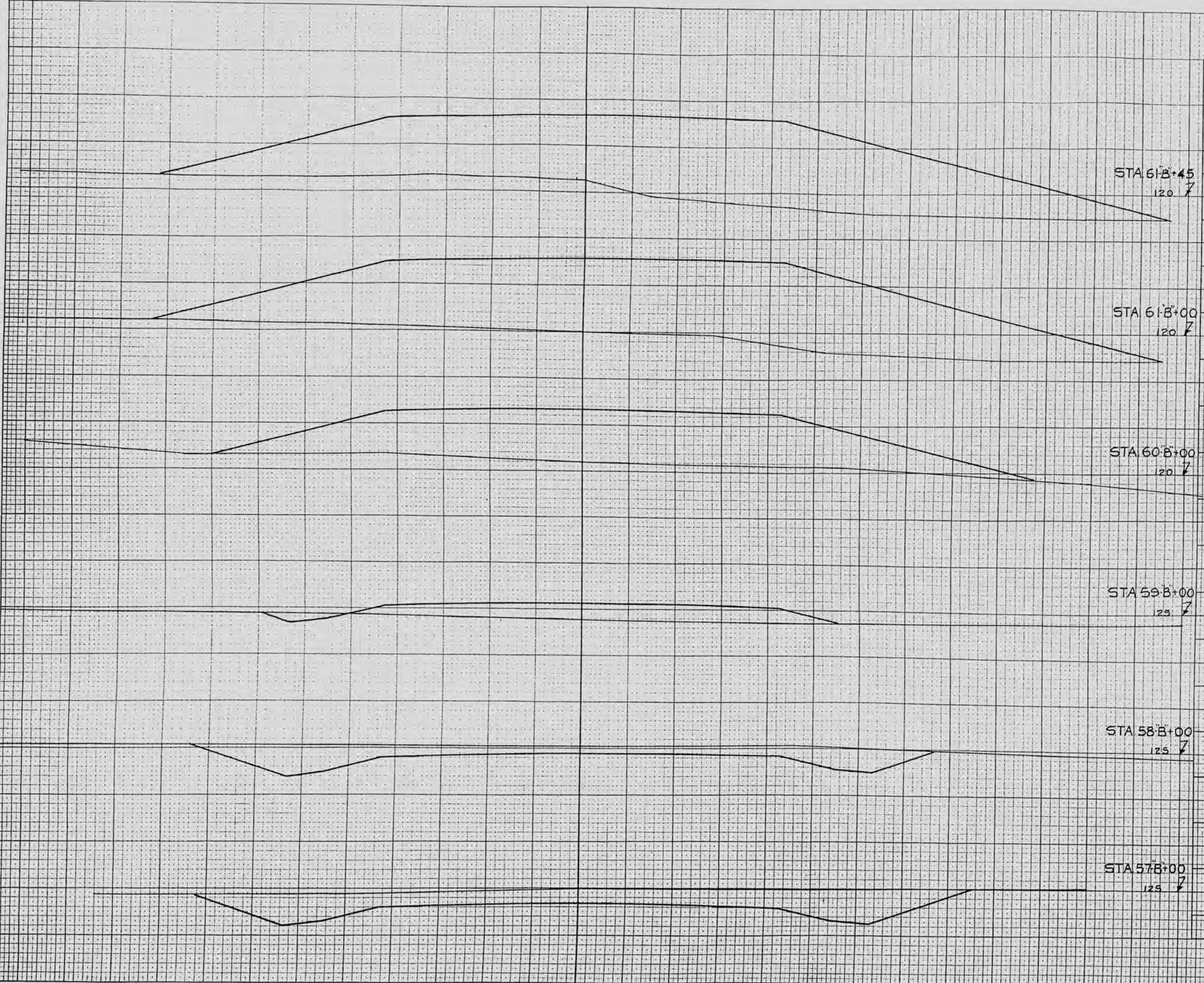


STATION	END AREA				DISTANCE	YARDAGE				
	COMMON	MARSH	UNCL.	FILL		COMMON	MARSH	UNCL.	TOTAL	TOTAL FILL
56-B +75	0	0	110	0	2	137	93	125	0	2
+30	37	0	0	735	6.5	32	70	70	0	6.5
55-B	89	0	0	879	8.96	70	369	369	0	8.96
54-B	110	0	0	820	2	137	93	125	0	2
SUB TOTAL										
SHEET TOTAL						727	230	957	744	

DIVISION JOB NO. 4652

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

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



C.Y. STEP SLOPES	STATION	END AREA				DISTANCE	YARDAGE								
		COMMON	MASS CUT	UNCL.	FILL		COMMON	MASS CUT	UNCL.	TOTAL	TOTAL FILL				
	61-B 57-B			160	0				639						
	58-B			114	0				507					0	
	59-B 60-B			4	70			7	219	507				0	
	61-B			0	350			7	219	507				0	
	+45 61-B			0	624			0	0	0				1037	
	60-B			0	620			0	0	0				1804	
	59-B			0	620			0	0	0				1804	
	58-B			0	620			0	0	0				1804	
	57-B			0	620			0	0	0				1804	
SUB TOTAL MILE		2													
SHEET TOTAL															

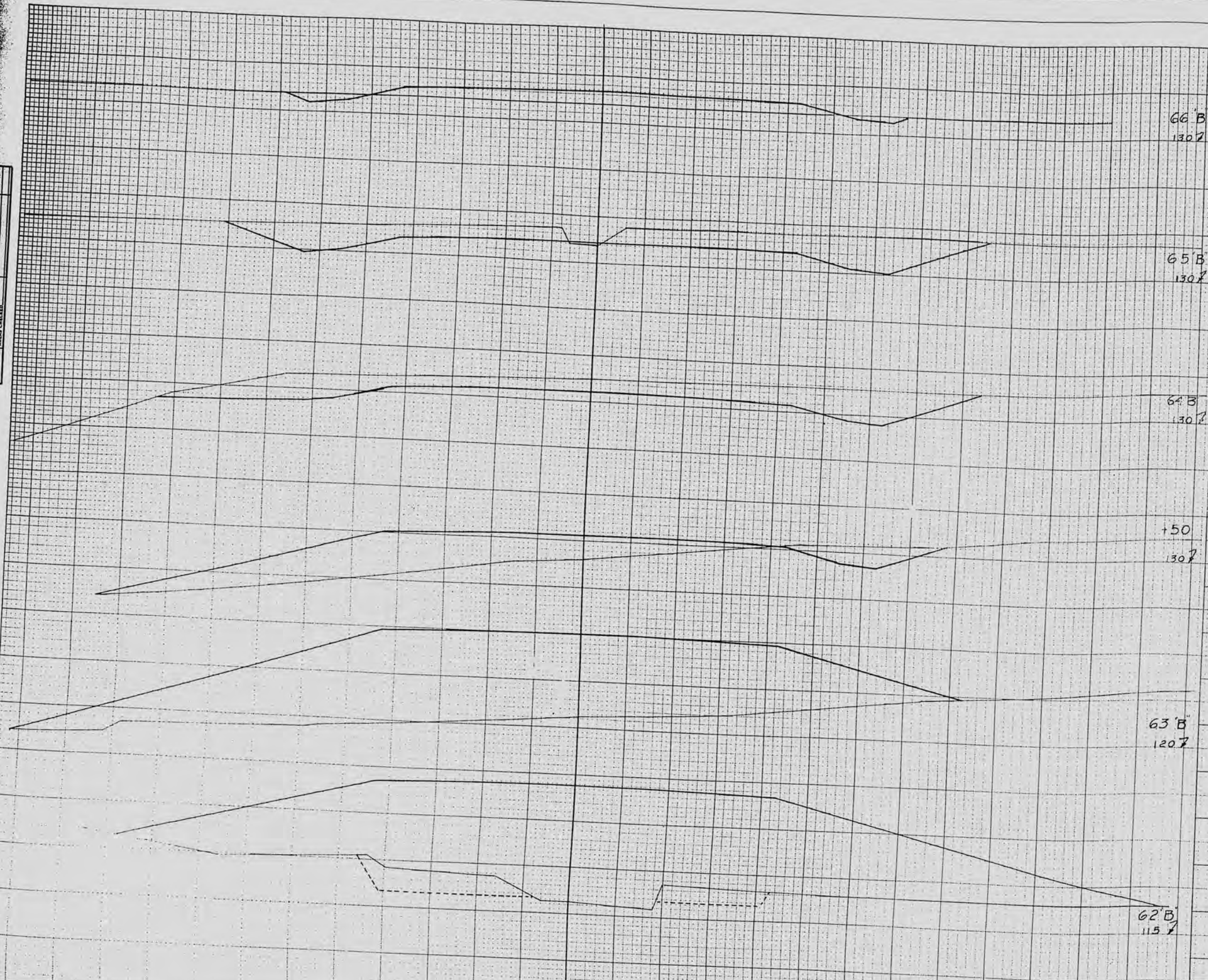
999451554 10302
 1372 1372 380

FINAL SURVEY PLOTTING
NOTE BOOK AREA
NO. AREA CHECKED

DATE
BY
CHECKED BY
SCALE 1" = 20'

FED. ROAD DIST. NO.	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
4	WISC.	4652	51	54

DIVISION JOB NO. 4652

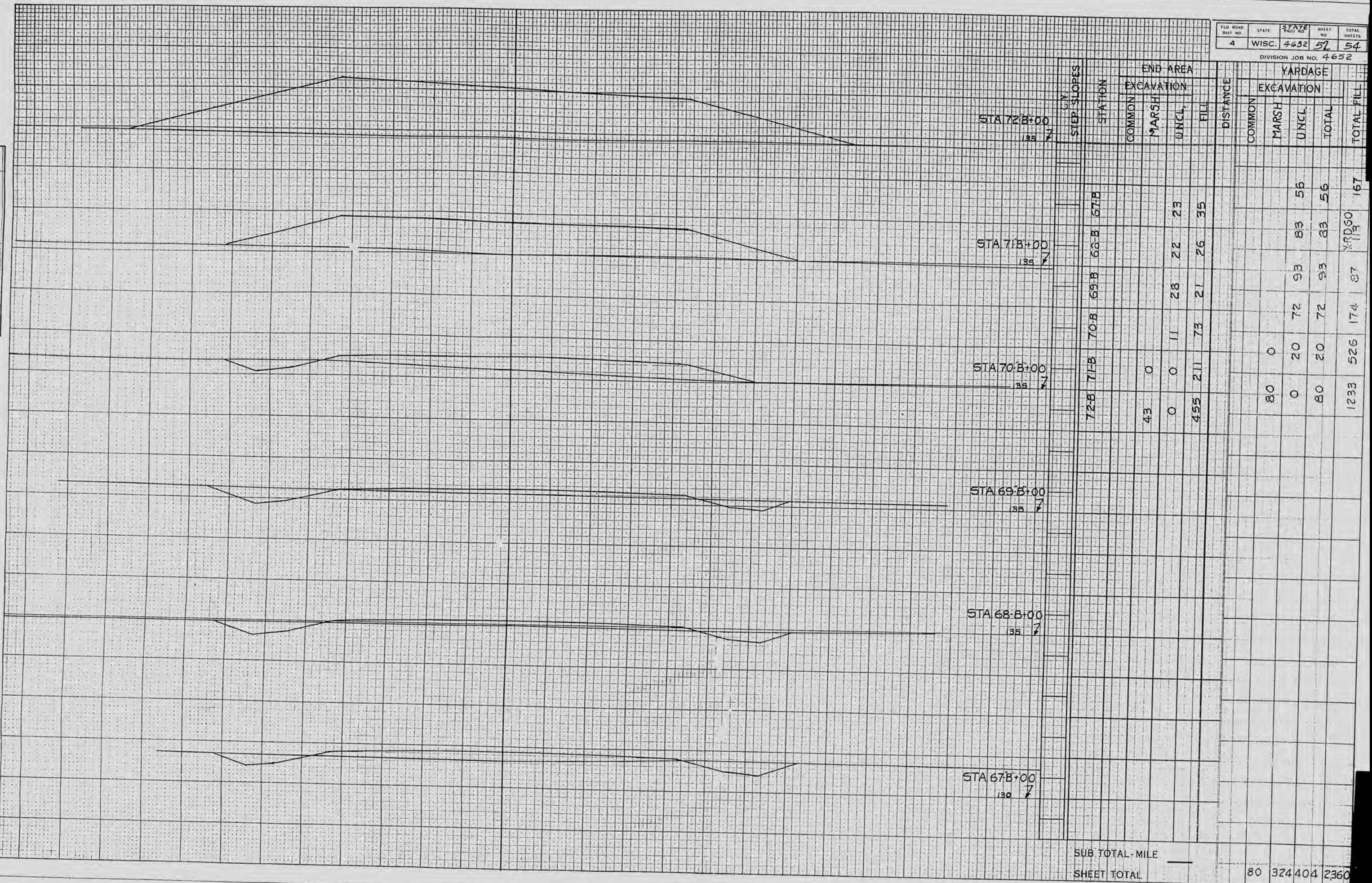


STATION	CY	STEP SLOPES	END AREA				DISTANCE	YARDAGE						
			COMMON	EXCAVATION	UNCL.	FILL		COMMON	EXCAVATION	UNCL.	TOTAL			
66 B		130%												
65 B		130%												
64 B		130%												
+50		130%												
63 B		120%												
62 B		115%												
62-3			7	155	160	25	181	640	820					
65-3														
64-3														
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4-3														
3-3														
2-3														
1-3														
0-3														

SUB TOTAL - MILE _____
SHEET TOTAL 117 1199 1199 5303

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

ORIGINAL SURVEY
 NOTE BOOK NO. 4258
 SURVEYED BY _____
 CHECKED BY _____
 DATE 8-27-57

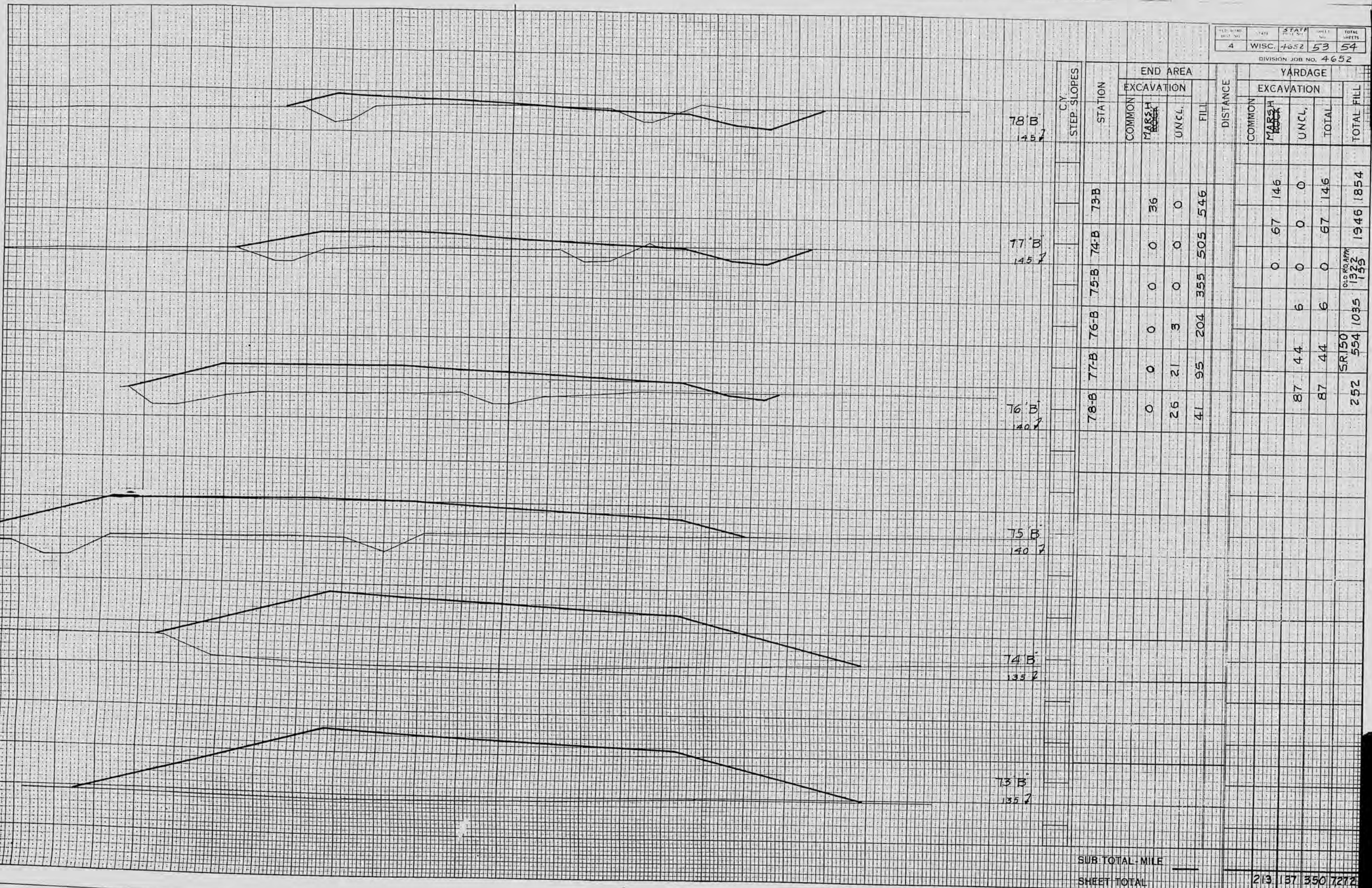


FINAL SURVEY
 SURVEYED
 PLOTTED
 NOTE BOOK NO. 2423
 AREAS CHECKED

DATE 10/10/33
 BY J. M. K.
 ORIGINAL SURVEY
 SURVEYED
 PLOTTED
 NOTE BOOK NO. 2423
 AREAS CHECKED

FILE NO.	DATE	STAFF	SHEET	TOTAL SHEETS
4	WISC.	4652	53	54

DIVISION JOB NO. 4652



78 B
145 7

77 B
145 7

76 B
140 7

75 B
140 7

74 B
135 7

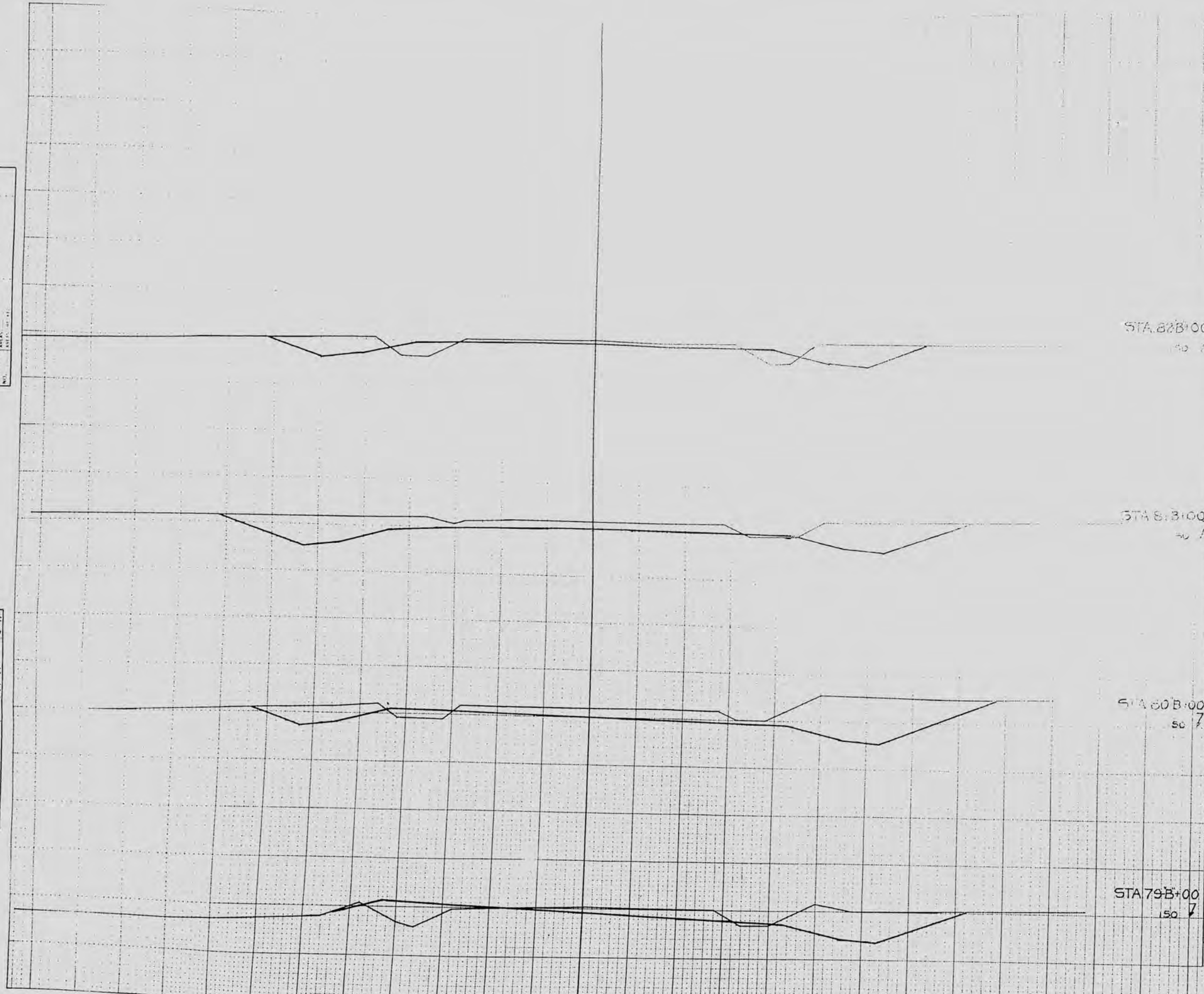
73 B
135 7

CY. STEP SLOPES	STATION	END AREA				DISTANCE	YARDAGE				
		EXCAVATION			FILL		EXCAVATION				TOTAL FILL
		COMMON	MARSH	UNCL.		COMMON	MARSH	UNCL.	TOTAL	TOTAL FILL	
	73-B		36	0	546		146	0	146	1854	
	74-B		0	0	505		67	0	67	1946	
	75-B		0	0	355		0	0	0	1322	
	76-B		0	3	204		6	6	6	1035	
	77-B		0	21	95		44	44	44	554	
	78-B		0	26	41		87	87	87	252	
										SR.150	
										554	
										252	
										1035	
										1322	
										1946	
										1854	

SUB TOTAL - MILE _____
 SHEET TOTAL 213.137 350 7272

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

ORIGINAL SURVEY
 DATE: 10/00/00
 NOTE BOOK NO. 4268
 DATE: _____



C.Y. STEP SLOPES	STATION	END AREA				DISTANCE	EXCAVATION				TOTAL FILL	
		EXCAVATION			FILL		COMMON	MARSH	UNCL.	TOTAL		
		COMMON	ROCK	UNCL.								
	82-B			52	15	150						
	81-B			106	2	150						
	80-B			120	5	150						
	79-B			56	18	150						
SUB TOTAL MILE						3	410	2850	17973			
SHEET TOTAL							1190	1190	197			