

INDEX OF SHEETS	
SHEET NO 1	TITLE
SHEET NO 2	TYPICAL CROSS SECTIONS
SHEET NO. 3, 3A	ESTIMATE OF QUANTITIES
SHEET NO 4 & 5	RIGHT OF WAY PLAT
SHEET NO 6 TO 8	PLAN AND PROFILE STA. 146+00 TO STA. 235+00
SHEET NO 9-14	DRAINAGE STRUCTURES AND STANDARD DETAILS
SHEET NO 15-47	CROSS SECTIONS
SHEET NO 48-50	GRADE SHEET

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.
4	WISC.	397 F	50

DIVISION JOB NO. 5513
SEC. II

STATE OF WISCONSIN
WISCONSIN HIGHWAY COMMISSION

PLAN AND PROFILE OF PROPOSED
SPARTA LA-CROSSE ROAD
LA CROSSE WEST SALEM ROAD
LA CROSSE COUNTY

397-F FEDERAL AID PROJECT 397-F

BEGINNING AT A POINT NEAR THE CENTER OF SEC. 33, T 16 N, R 7 W, THENCE NORTH AND NORTH-EASTERLY TO A POINT NEAR THE NORTHEAST CORNER OF THE SE 1/4-SE 1/4, SEC. 10, T 16 N, R 7 W.

PLAN 1 IN. = 100 FT.
PROFILE HOR. 1 IN. = 100 FT. VERT. 1 IN. = 10 FT.
CROSS SECTIONS HOR. 1 IN. = 5 FT. VERT. 1 IN. = 5 FT.



CONVENTIONAL SIGNS

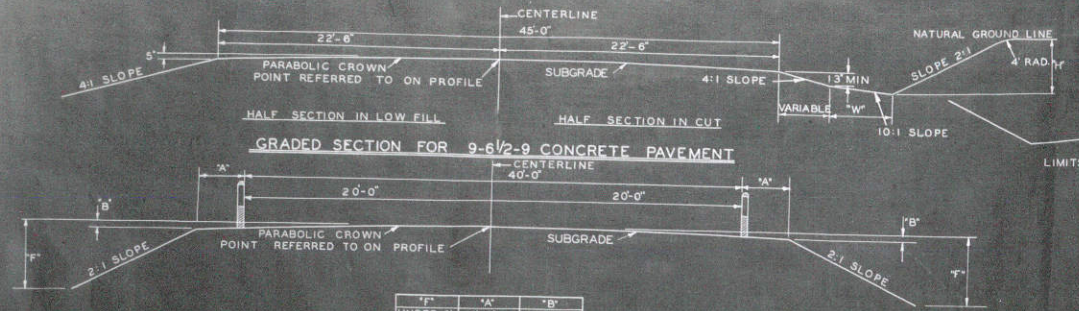
STATE AND NATIONAL LINE	CULVERTS
COUNTY LINE	DROP INLET
CITY, VILLAGE, OR TOWN	TROLLEY POLE
TOWNSHIP LINE	POWER POLE
SECTION LINE	TELEPHONE OR TELEGRAPH POLES
FENCE LINE	MAIL BOX
GUARD RAIL	REFERENCE STAKES
UNFENCED PROPERTY	MARSH
RIGHT OF WAY LINE	HEDGE
TRAVELED WAY	TREES
RAILROADS	GROUND ELEVATION
RETAINING WALL	GRADE ELEVATION
LEVEL	
BASE OR SURVEY LINE	

LAYOUT
SCALE 0 1 2 MI
TOTAL NET LENGTH OF CENTERLINE = 1.496 MI SEC. II

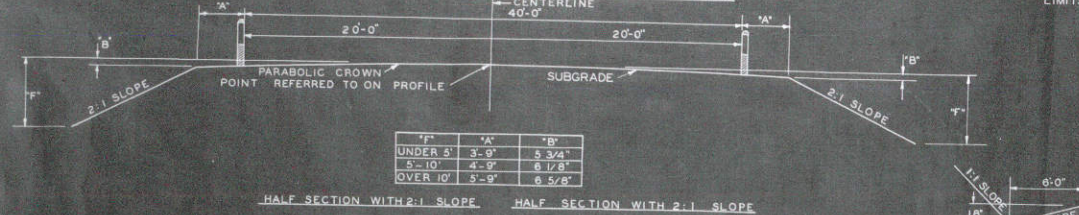
WISCONSIN HIGHWAY COMMISSION MADISON, WIS.	DEPARTMENT OF AGRICULTURE BUREAU OF PUBLIC ROADS
SUPERVISOR: HADJICHIL DISTRICT ENGINEER: J. D. VAS DIV. ENGINEER: J. D. VAS DIST. ENGINEER: R. C. J.	RECEIVED FOR APPROVAL DISTRICT ENGINEER CHIEF ENGINEER
CORRECTED BY: T. M. Reynolds DESIGN ENGINEER: David Bruce COUNTY ENGINEER: J. D. VAS APPROVED: DATE: 5/12/36	APPROVED: DATE:
CHECKED IN THE FIELD BY: P. C. Selmer	DATE:

397 F SEC

TYPICAL CROSS SECTIONS TO BE USED STA. 164 + 56²⁵ - STA. 235 + 00

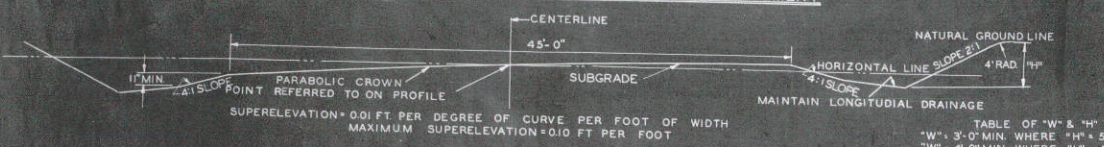


GRADED SECTION FOR 9-6 1/2 - 9 CONCRETE PAVEMENT



"F"	"A"	"B"
UNDER 5'	3'-9"	5 3/4"
5'-10'	4'-9"	6 1/8"
OVER 10'	5'-9"	6 5/8"

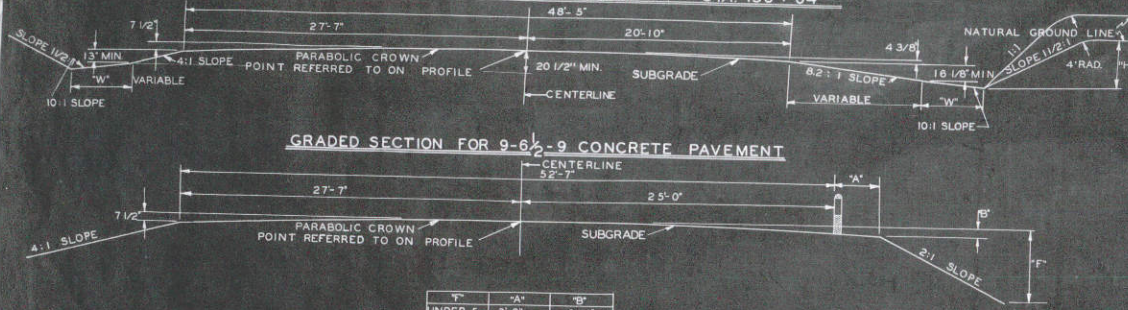
GRADED GUARD FENCE SECTION FOR 9-6 1/2 - 9 CONCRETE PAVEMENT



TYPICAL SECTION ON CURVES

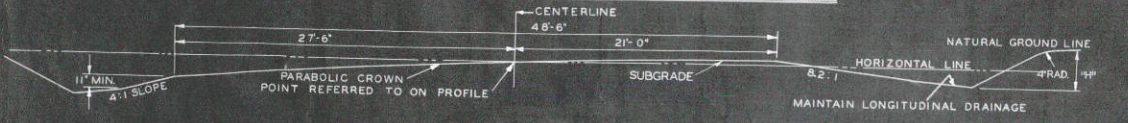
NOTE: WHERE NECESSARY TO MAINTAIN LONGITUDINAL DRAINAGE SECTION WILL BE ROTATED ABOUT POINT OTHER THAN CENTERLINE AND/OR PROFILE GRADE ADJUSTED AS REQUIRED

TYPICAL CROSS SECTIONS TO BE USED STA. 71 + 34 - STA. 156 + 04²⁴



"F"	"A"	"B"
UNDER 5'	3'-9"	6 1/4"
5'-10'	4'-9"	6 3/8"
OVER 10'	5'-9"	6 1/2"

GRADED GUARD FENCE SECTION FOR 9-6 1/2 - 9 CONCRETE PAVEMENT



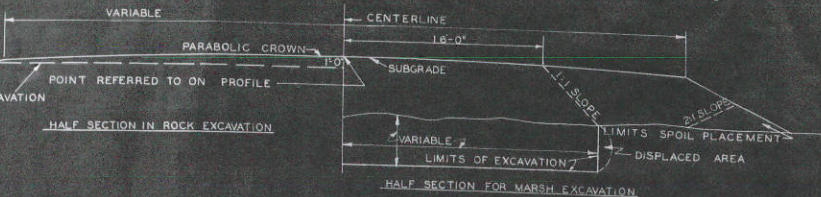
TYPICAL SECTION ON CURVES

NOTE: WHERE NECESSARY TO MAINTAIN LONGITUDINAL DRAINAGE SECTION WILL BE ROTATED ABOUT POINT OTHER THAN CENTERLINE AND/OR PROFILE GRADE ADJUSTED AS REQUIRED

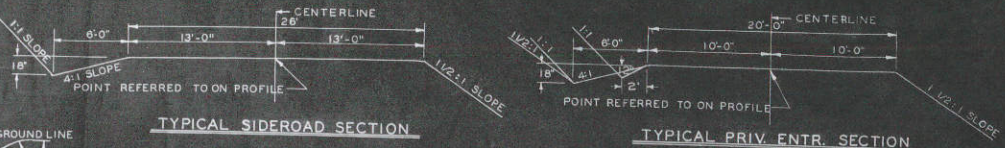
APPROVED APPLICABLE DETAIL DRAWINGS ARE:
CONSTRUCTION BARRICADE MARKER POST SD-18
SD-12

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
4	WIS.	397-F	2	50

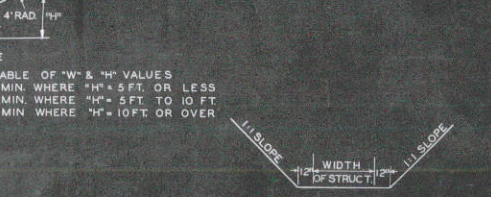
DIVISION JOB No. 5513



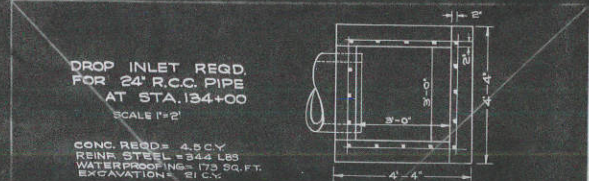
TYPICAL SECTION MARSH EXCAVATION & ROCK EXCAVATION



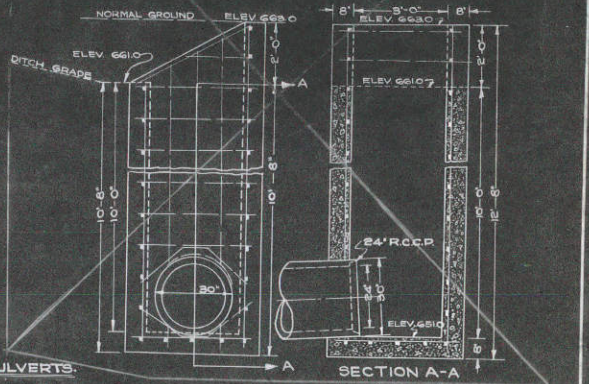
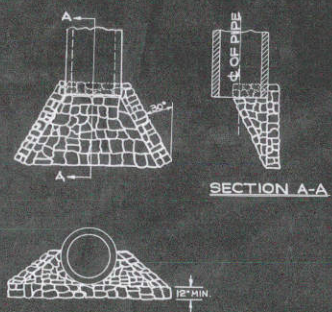
TYPICAL SIDEROAD SECTION



TYPICAL PRIV. ENTR. SECTION



TYPICAL SECTION FOR INLET & DISCH. DITCH



TYPICAL CROSS SECTION FOR GRADING

FOR 40' & 50' ROADBEDS

SCALE



DETAIL SUMMARY SHEET OF MISCELLANEOUS QUANTITIES (STA. 146+00-235+00) (GRADING & DRAINING)

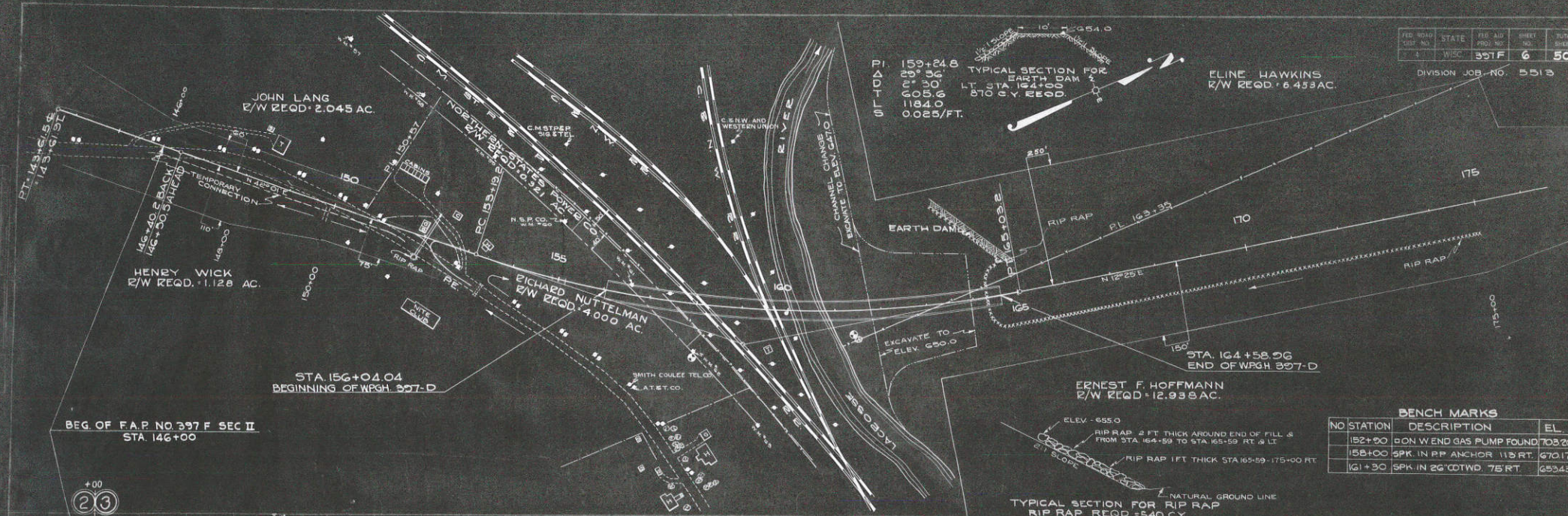
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	ROUTE NO.	TOTAL SHEETS
4	WIS	397-F	3A	50

CLEARING				GRUBBING				RIPRAP				GUARD FENCE				CONCRETE BOX CULVERTS										PIPE CULVERTS											
MILE NO.	STATION TO STATION	IN. DIA.	ACRES	MILE NO.	STATION TO STATION	IN. DIA.	ACRES	MILE NO.	STATION TO STATION	SIDE R. OR L.	C.Y.	MILE NO.	STATION TO STATION	SIDE R. OR L.	TYPE LIN. FT.	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	E. S. S. L. R.	RIP RAP	MARKERS		
3	146+00-147+00	30		3	146+00-147+00	30		3	164+59-175+00	R & L	540							3	181+05	C-252	3.5	6.0	53	48.5	8020	10.5	1500	1	3	152+04	24	88	RC			5	1
3	147+00-151+00		0.75	3	147+00-151+00		0.75																					3	182+75	18	22	CGSM	PE				
3	153+00-155+00		1.62																									3	183+00	18	22	CGSM	PE				
3	165+00-168+00		2.5																																		
3	175+00-177+00		0.57																																		
3	179+00-183+00		0.92																																		
								4	233+30	R	30																										

LIMITS FOR TYPE OF MEASUREMENT

CLEARING				GRUBBING			
MILE NO.	STATION TO STATION	IN. DIA.	ACRES	MILE NO.	STATION TO STATION	IN. DIA.	ACRES
3	146+00-147+00		✓	3	146+00-147+00		✓
3	147+00-151+00		✓	3	147+00-151+00		✓
3	151+00-175+00		✓	3	151+00-175+00		✓
3	175+00-185+90 ²		✓	3	175+00-185+90 ²		✓
4	185+90 ² -235+00		✓	4	185+90 ² -235+00		✓

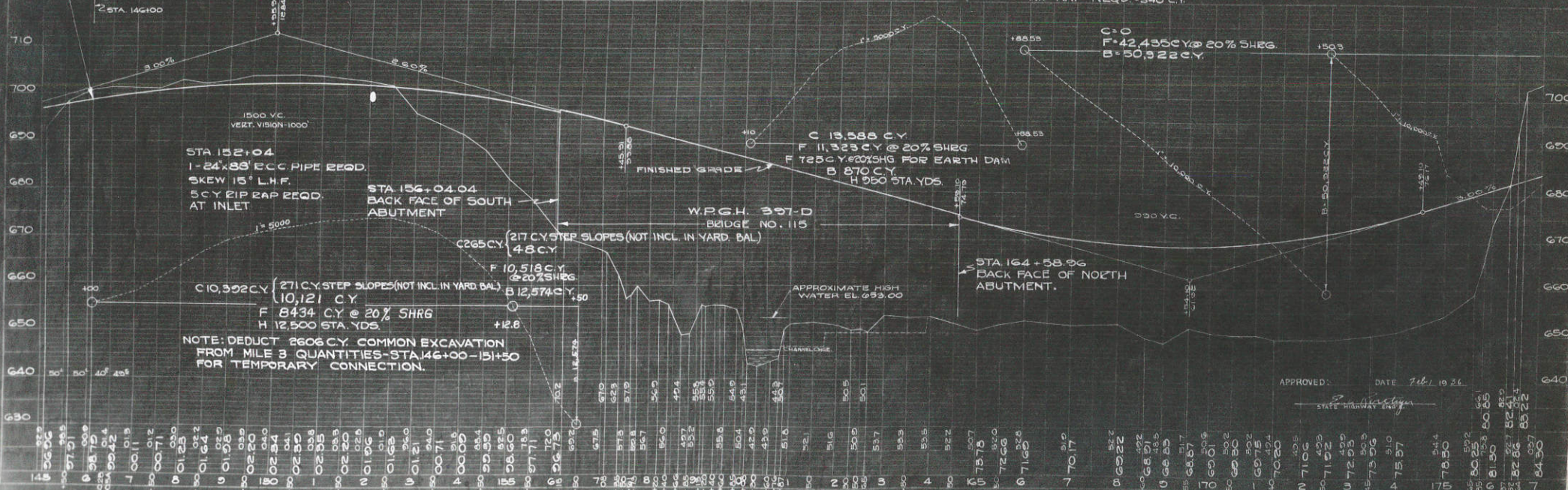
DIVISION JOB NO. 5513



BENCH MARKS

NO. STATION	DESCRIPTION	EL.
192+00	CON W END GAS PUMP FOUND	703.20
158+00	SPK. IN PP ANCHOR 115 RT.	670.17
161+30	SPK. IN 26' CUTWD. 75' RT.	653.43

TYPICAL SECTION FOR RIP RAP
RIP RAP REQD. 540 C.Y.

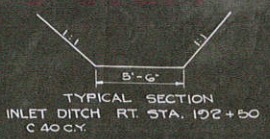
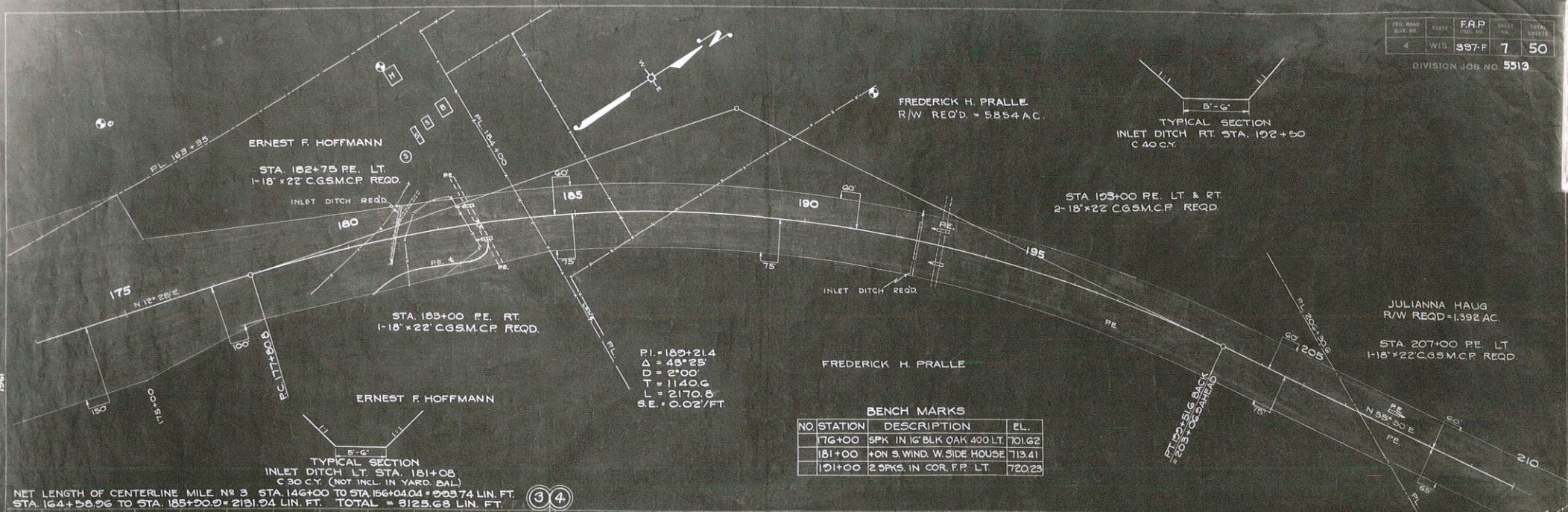


NOTE: DEDUCT 2606 C.Y. COMMON EXCAVATION FROM MILE 3 QUANTITIES STA 146+00-151+50 FOR TEMPORARY CONNECTION.

APPROVED: DATE Feb 1 1936

14	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355	360	365	370	375	380	385	390	395	400	405	410	415	420	425	430	435	440	445	450	455	460	465	470	475	480	485	490	495	500	505	510	515	520	525	530	535	540	545	550	555	560	565	570	575	580	585	590	595	600	605	610	615	620	625	630	635	640	645	650	655	660	665	670	675	680	685	690	695	700	705	710	715	720	725	730	735	740	745	750	755	760	765	770	775	780	785	790	795	800	805	810	815	820	825	830	835	840	845	850	855	860	865	870	875	880	885	890	895	900	905	910	915	920	925	930	935	940	945	950	955	960	965	970	975	980	985	990	995	1000
----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------

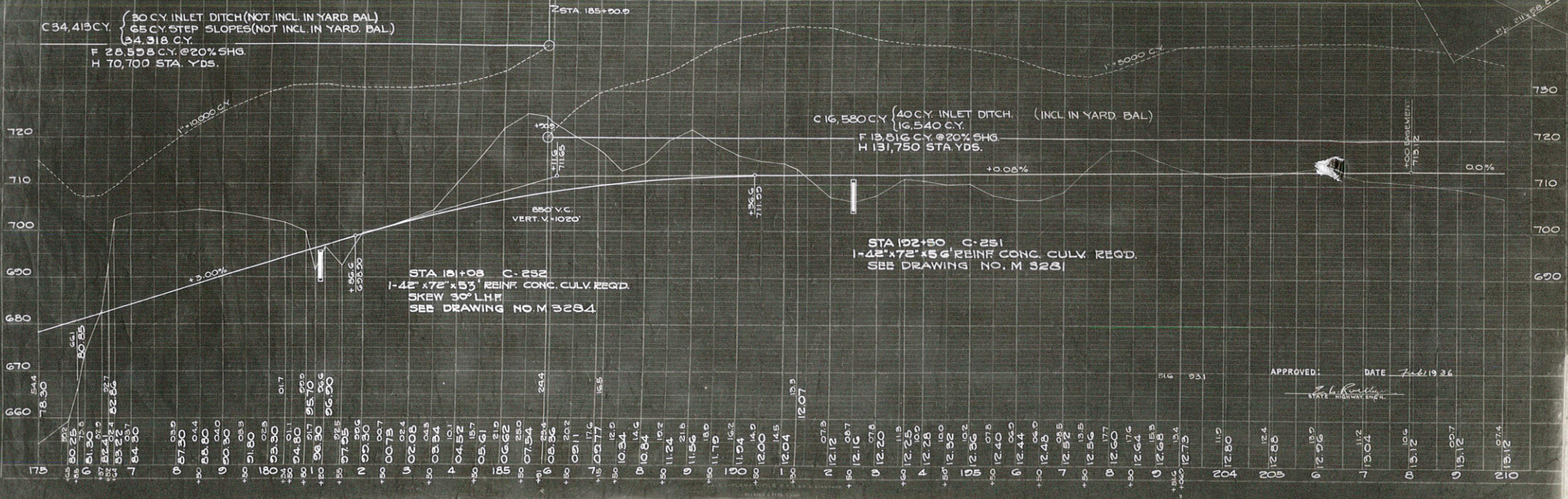
9-35
 I.J.J.
 J.V.V.
 H.A.D.
 7-3
 12-51

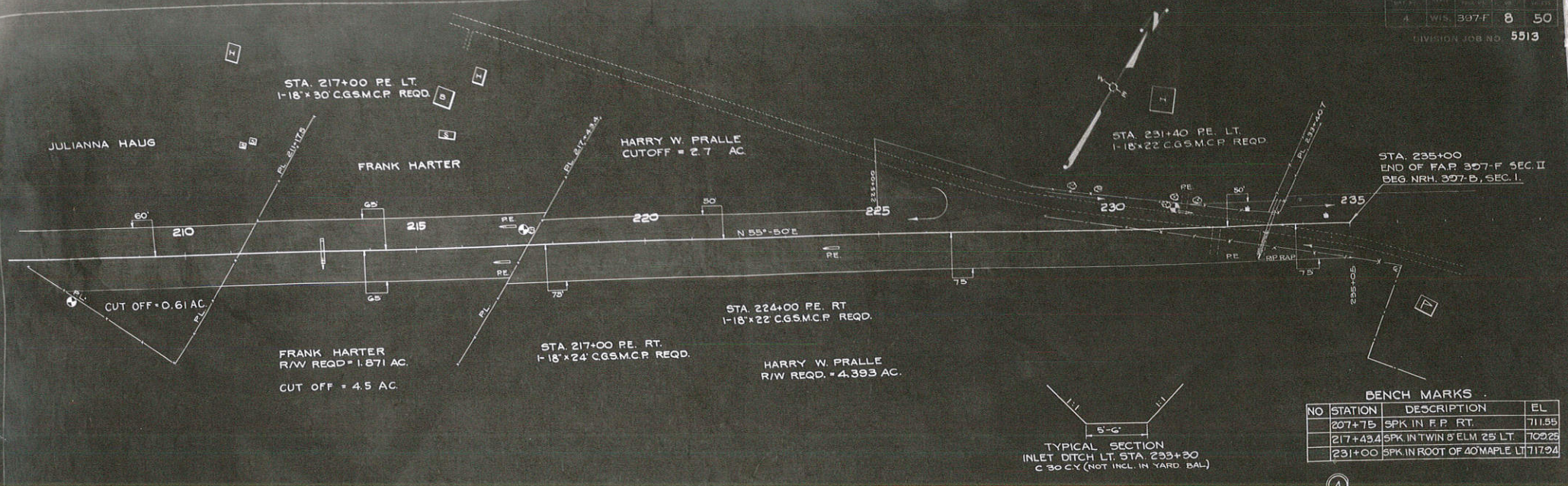


BENCH MARKS

NO.	STATION	DESCRIPTION	EL.
176	+00	SPK IN 16' BLK OAK 400 LT.	701.62
181	+00	+ON S. WIND. W. SIDE HOUSE	713.41
191	+00	2 SPKS. IN COR. F.P. LT.	720.23

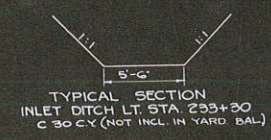
NET LENGTH OF CENTERLINE MILE NO 3 STA. 146+00 TO STA. 156+00 = 995.74 LIN. FT.
 STA. 164+55.96 TO STA. 185+00.00 = 2131.04 LIN. FT. TOTAL = 3125.68 LIN. FT.



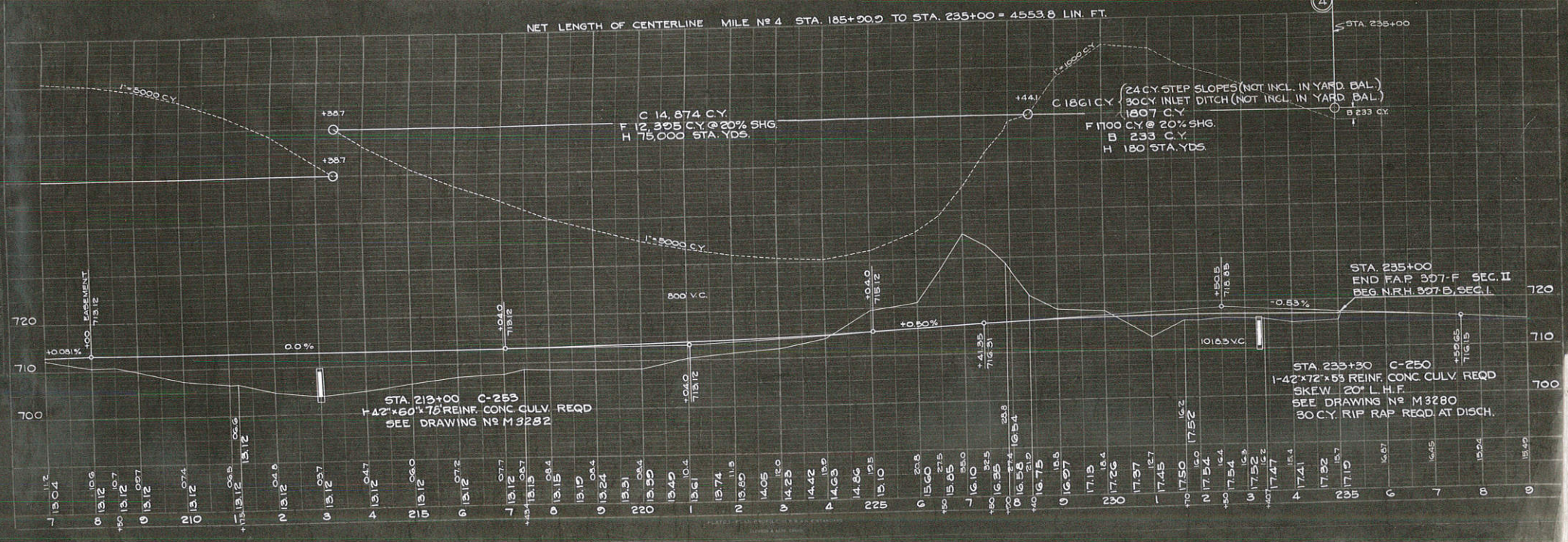


BENCH MARKS

NO	STATION	DESCRIPTION	EL
207+75	207+75	SPK IN F.P. RT.	711.55
217+43.4	217+43.4	SPK IN TWIN 8' ELM. 25' LT.	709.28
231+00	231+00	SPK IN ROOT OF 40' MAPLE LT.	717.94



NET LENGTH OF CENTERLINE MILE # 4 STA. 185+00.0 TO STA. 235+00 = 4553.8 LIN. FT.



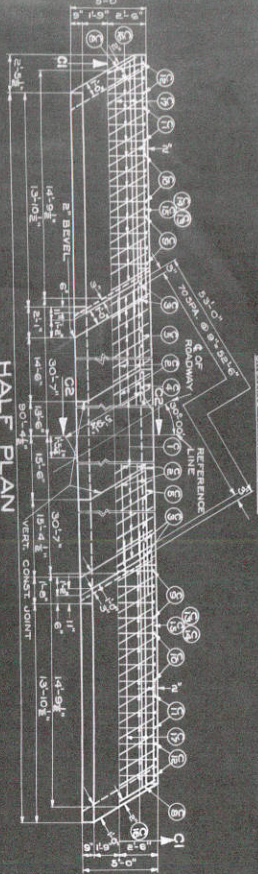
STA. 235+00
 END FAP 307-F SEC. II
 BEG N.R.H. 307-D, SEC. I.

STA. 233+30 C-250
 1-42x72x53 REINF. CONC CULV. REQ
 SKEW 20° L.H.F.
 SEE DRAWING N° M 3280
 30 CY RIP RAP REQ. AT DISCH.

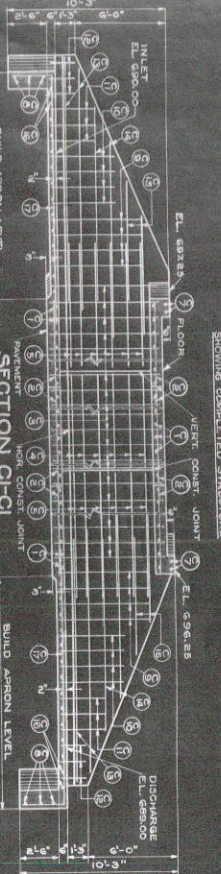
JULIANNA HAUG
 FRANK HARTER
 HARRY W. PRALLE

STA. 213+00 C-253
 1-42x60x76 REINF. CONC CULV. REQ
 SEE DRAWING N° M 3282

HALF PLAN
SHOWING BRIMS/REINFORCEMENT

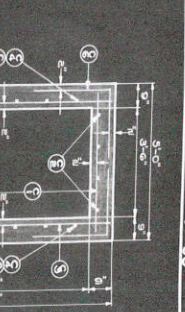


HALF PLAN
SHOWING COMPLETED STRUCTURE

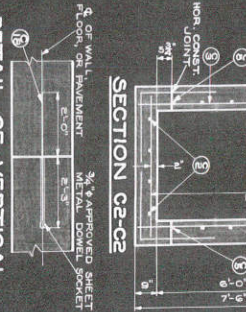


BILL OF BARS

NO.	MARK SIZE	LENGTH	SPACING	LOCATION
14E	C1	3'-6"	8'-0"	LONGITUDINAL - WALLS
14F	C1	3'-6"	8'-0"	LONGITUDINAL - FLOOR SLABMENT
14G	C1	3'-6"	8'-0"	LONGITUDINAL - SIDES OF BARREL
14H	C1	3'-6"	8'-0"	LONGITUDINAL - SIDES OF BARREL
14I	C1	3'-6"	8'-0"	LONGITUDINAL - SIDES OF BARREL
14J	C1	3'-6"	8'-0"	LONGITUDINAL - SIDES OF BARREL
14K	C1	3'-6"	8'-0"	LONGITUDINAL - SIDES OF BARREL
14L	C1	3'-6"	8'-0"	LONGITUDINAL - SIDES OF BARREL
14M	C1	3'-6"	8'-0"	LONGITUDINAL - SIDES OF BARREL
14N	C1	3'-6"	8'-0"	LONGITUDINAL - SIDES OF BARREL
14O	C1	3'-6"	8'-0"	LONGITUDINAL - SIDES OF BARREL
14P	C1	3'-6"	8'-0"	LONGITUDINAL - SIDES OF BARREL
14Q	C1	3'-6"	8'-0"	LONGITUDINAL - SIDES OF BARREL
14R	C1	3'-6"	8'-0"	LONGITUDINAL - SIDES OF BARREL
14S	C1	3'-6"	8'-0"	LONGITUDINAL - SIDES OF BARREL
14T	C1	3'-6"	8'-0"	LONGITUDINAL - SIDES OF BARREL
14U	C1	3'-6"	8'-0"	LONGITUDINAL - SIDES OF BARREL
14V	C1	3'-6"	8'-0"	LONGITUDINAL - SIDES OF BARREL
14W	C1	3'-6"	8'-0"	LONGITUDINAL - SIDES OF BARREL
14X	C1	3'-6"	8'-0"	LONGITUDINAL - SIDES OF BARREL
14Y	C1	3'-6"	8'-0"	LONGITUDINAL - SIDES OF BARREL
14Z	C1	3'-6"	8'-0"	LONGITUDINAL - SIDES OF BARREL



SECTION C2-C2



DETAIL OF VERTICAL CONSTRUCTION JOINT

GENERAL NOTES

PROVISIONS, PROPORTIONS, SIZE
DRAWINGS SHALL NOT BE SCALED.
SPECIAL PROVISIONS APPLY ALONG
CENTRALLINE OF BAR.
UNLESS OTHERWISE SPECIFIED,
ALL VERTICAL BARS IN WALLS SHALL BE
BENT INTO APRON E-G AS SHOWN IN ABOVE
PLAN.

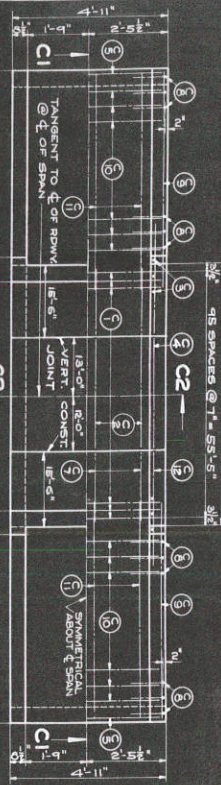
ESTIMATED QUANTITIES

EXCAVATION FOR STRUCTURES... 105 CY
CONCRETE... 485 CY
BAR STEEL REINFORCEMENT... 1500 SH.
WATERPROOFING... 1500 SH.
3/4" SHEET METAL DOWEL SOCKETS... 40 PAIR.

REQUIRED
STATE HIGHWAY COMMISSION OF WISCONSIN
FOR
CULVERT NO. 252
TOWN OF CAMPBELL-LACROSSE COUNTY
DATE: 10/15/1983
DRAWN BY: [Signature]
CHECKED BY: [Signature]
113294

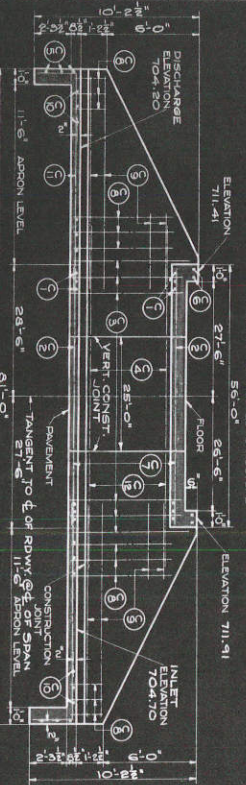
HALF PLAN

SHOWING REINFORCEMENT IN WINGS, SIDES OF BARREL, PAVEMENT AND APRON.
REINFORCEMENT IN APRON SHALL BE AS SHOWN IN HALF PLAN.

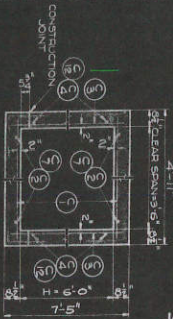


HALF PLAN

SHOWING COMPLETED STRUCTURE



SECTION CI-C1



SECTION C2-C2

BILL OF BARS

MARK.	SIZE	SPACING	LOCATION	NO.	LENGTH
C1	5/8"	7'-0"	LONGITUDINAL - FLOOR & PAVEMENT	182	4'-11"
C2	1/2"	10'-0"	TRANSVERSE - FLOOR & PAVEMENT	8	24'-4"
C3	1/2"	10'-0"	HORIZONTAL - SIDES OF BARREL	114	7'-3"
C4	1/2"	10'-0"	HORIZONTAL - SIDES OF BARREL	6	24'-4"
C5	1/2"	10'-0"	HORIZONTAL - CUT-OFF WALLS	4	4'-4"
C6	1/2"	10'-0"	LONGITUDINAL - HEADERS	16	15'-5"
C7	1/2"	10'-0"	TRANSVERSE - FLOOR & PAVEMENT	2	4'-5"
C8	1/2"	10'-0"	VERTICAL - WINGS	12	5'-4"
C9	1/2"	10'-0"	HORIZONTAL - WINGS	8	18'-0"
			2 BARS PER GROUP	8	8'-0"

MARK.	SIZE	SPACING	LOCATION	NO.	LENGTH
C10	1/2"	10'-0"	LONGITUDINAL - APRONS	24	4'-4"
C11	1/2"	10'-0"	TRANSVERSE - APRONS	8	17'-6"
C12	1/2"	10'-0"	HORIZONTAL - SIDES OF BARREL	24	17'-6"
C13	1/2"	10'-0"	HORIZONTAL - VERT. CONST. JOINT	24	4'-0"

* THIS BAR TO BE CUT IN VERT. CONST. JOINT FOR SHOWING. ALL OTHER BARS TO BE CUT IN LENGTH AS CALLED FOR TO TAKE CARE OF SPACING.



VERTICAL CONSTRUCTION JOINT DETAIL

GENERAL NOTES
FOR CONCRETE PROPORTIONS SEE SPECIAL PROVISIONS.
ALL REINFORCING BARS IN WINGS SHALL BE SET IN PLACE IN WINGS BEFORE POURING CONCRETE. REINFORCING STEEL DIMENSIONS HEREON SHALL NOT BE SCALED.

ESTIMATED QUANTITIES
EXCAVATION FOR STRUTS AND BRACES 0.5 CUYDS.
CONCRETE MASONRY 422.2 CUYDS.
BIG STEEL REINFORCEMENT 3,420 LBS.
SMALL STEEL REINFORCEMENT 1,983 LBS.
NON BID ITEMS 24 DOWN SOCKETS

FED. PROJECT NO. 2471-F
STATIONING FOR NO. 8118
STATIONING FOR NO. 8119
STATE HIGHWAY COMMISSION OF WISCONSIN

CULVERT NO. 251
STA 782+50.00 TO 782+50.00
TOWN OF CAMPBELL - LA 60052E CO.

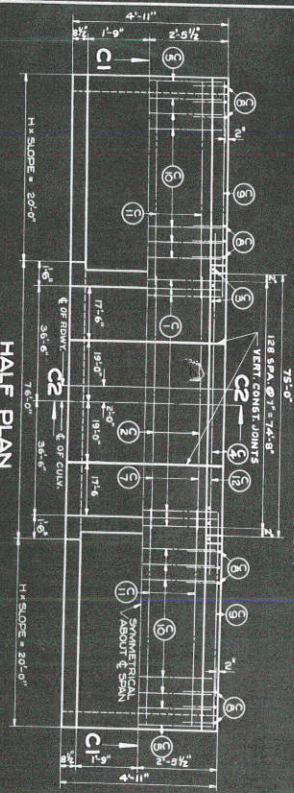
APPROVED:
DATE: 1-14-25
DRAWN BY: JLD

FOR THE ENGINEER:
S. J. Riedinger
11321
M 3281

SHOWING REINFORCEMENT IN WINGS, SIDES OF BARREL, PAVEMENT AND APRON.

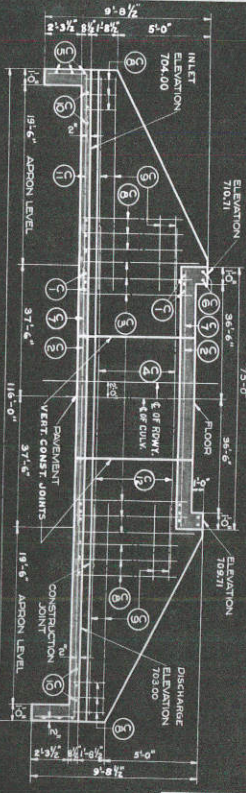
REINFORCEMENT IN FLOOR SAME AS IN PAVEMENT.

HALF PLAN

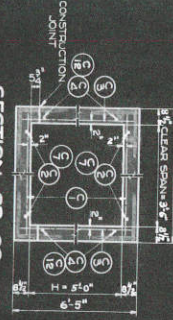


HALF PLAN

SHOWING COMPLETED STRUCTURE



SECTION C1-C1



SECTION C2-C2

GENERAL NOTES

FOR CONCRETE REINFORCEMENTS SEE SPECIAL PROVISIONS.
ALL VERTICAL BARS IN WINGS SHALL BE BENT INTO APRON 2'-6" BELOW TOP OF APRON.
BARS SHOWN ABOVE "HALF PLAN" ARE REINFORCEMENT SPECIFIED UNLESS OTHERWISE SPECIFIED.
REINFORCING STEEL DIMENSIONS ARE DRAWINGS SHALL NOT BE SCALED.

ESTIMATED QUANTITIES

EXAMINATION FOR STRUCTURES: 50 CU.YDS.
SOIL SETE MASONRY: 8'-4" LBS.
WATERPROOFING: 43.90 LBS.
S.E.S. 500 FT.

BILL OF BARS

MARK SIZE	SPACING	LOCATION	NO.	LENGTH
C1	1/2" @ 7" CTS	LONGITUDINAL - FLOOR & PAVEMENT	238	41.9'
C2	1/2" @ 10" CTS	TRANSVERSE - FLOOR & PAVEMENT	9	172.0'
C3	1/2" @ 10" CTS	VERTICAL - SIDES OF BARREL	152	8.3'
C4	1/2" @ 10" CTS	HORIZONTAL - CUT-OFF WALLS	6	40.0'
C5	1/2" @ 10" CTS	LONGITUDINAL - CUT-OFF WALLS	4	41.9'
C6	1/2" @ 10" CTS	LONGITUDINAL - HEADERS	16	10.5'
C7	1/2" @ 10" CTS	TRANSVERSE - FLOOR & PAVEMENT	16	41.9'
C8	1/2" @ 10" CTS	VERTICAL - WINGS	16	51.4'
		4 BARS PER GROUP	16	7.4'
			16	21.1'
C9	1/2" @ 10" CTS	HORIZONTAL - WINGS	8	23.6'
		HOR & VERT. PER 950' R.P.	4	11.0'
			4	11.0'
C10	1/2" @ 10" CTS	LONGITUDINAL - APRONS	4	41.4'
C11	1/2" @ 10" CTS	TRANSVERSE - APRONS	8	25.0'
C12	1/2" @ 10" CTS	HORIZONTAL - SIDES OF BARREL	20	20.5'

* THIS BAR TO BE CUT IN TWO EQUAL LENGTHS FOR DISJUNCTION HAS BEEN MADE IN LENGTH AS CALLED FOR TO TAKE CARE OF SPLICING.

FED. PROJECT NO. 317-F
DIVISION JOB NO. 523
STRUCTURE JOB NO. 523

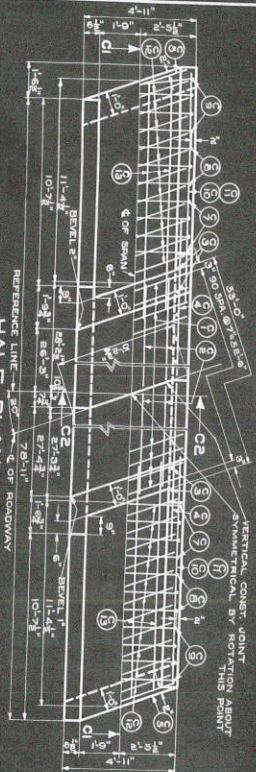
STATE HIGHWAY COMMISSION OF WISCONSIN
DETAILS
FOR
CULVERT NO. 253
STA. 213+0.00 LA. CROSS E.C.

TOWN OF CAMPBELL
CONTRACT NO. 113202

APPROVED: *E. J. [Signature]*
DATE: 11-19-58
DRAWN BY: [Signature]
CHECKED BY: [Signature]

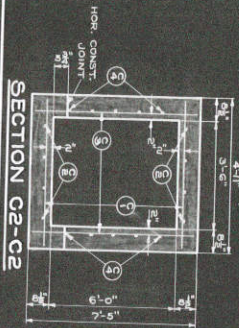
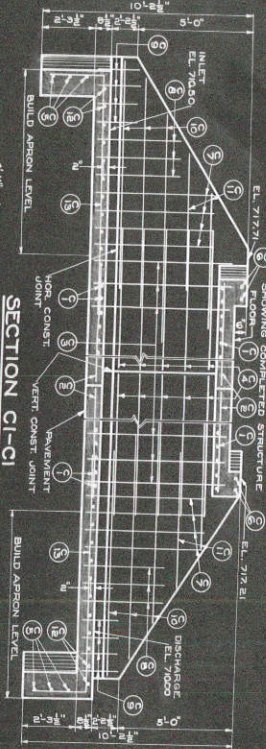
HALF PLAN

SHOWING REINFORCEMENT

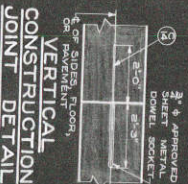


HALF PLAN

SHOWING COMPLETED STRUCTURE



SECTION C2-C2



VERTICAL CONSTRUCTION JOINT DETAIL

NO.	MARK SIZE	LENGTH	LOCATION
32	C1	3'-0"	HORIZONTAL-FLOOR & PAVEMENT
114	C3	15'-0"	H-CUTS TRANSVERSE-FLOOR & PAVEMENT
48	C4	7'-0"	H-CUTS HORIZONTAL-SIDES OF BARREL
6	C6	18'-0"	H-CUTS HORIZONTAL-SIDES OF BARREL
4	C6	5'-0"	SHOW LONGITUDINAL HEADERS
18	C7	8'-6"	H-CUTS VERTICAL-WINGS
18	C8	7'-0"	H-CUTS
18	C9	5'-3"	H-CUTS HORIZONTAL-WINGS
8	C11	7'-6"	H-CUTS
8	C12	5'-0"	H-CUTS LONGITUDINAL-APRONS
8	C13	15'-6"	H-CUTS TRANSVERSE-APRONS
8	C14	4'-0"	H-CUTS DOWELS IN VERT CONST JOINT

BILL OF BARS

12-50

GENERAL NOTES

- ALL CONCRETE PROPORTIONS, SEE SPECIAL PROVISIONS.
- DRAWINGS SHALL NOT BE SCALED.
- STEEL BAR DIMENSIONS APPLY ALONG CENTERLINE OF BAR.
- WORKS OF CONCRETE UNLESS OTHERWISE NOTED.
- ALL VERTICAL BARS IN WINGS SHALL BE BENT INTO APRON 8" AS SHOWN ON ABOVE "HALF PLAN".

ESTIMATED QUANTITIES

ESTIMATED QUANTITIES	BY ITEMS
EXCAVATION FOR STRUCTURE	143 CY
CONCRETE	481.1 CY
STEEL REINFORCEMENT	3450 LB.
WATERPROOFING	1822 SF
NON-BID ITEMS	
3" SHEET METAL DOWEL SOCKETS—80 RHD	

PROJECT NO. 3577
 STATE HIGHWAY DEPARTMENT
 DIVISION OF HIGHWAYS
 TOWN OF CAMBELL-LAURENCE COUNTY
CULVERT NO. 250
 STA. 833+30.00
 FOR DETAILS
 DATE: 11-2-78
 DRAWN BY: [Signature]
 CHECKED BY: [Signature]
 APPROVED BY: [Signature]
 113860

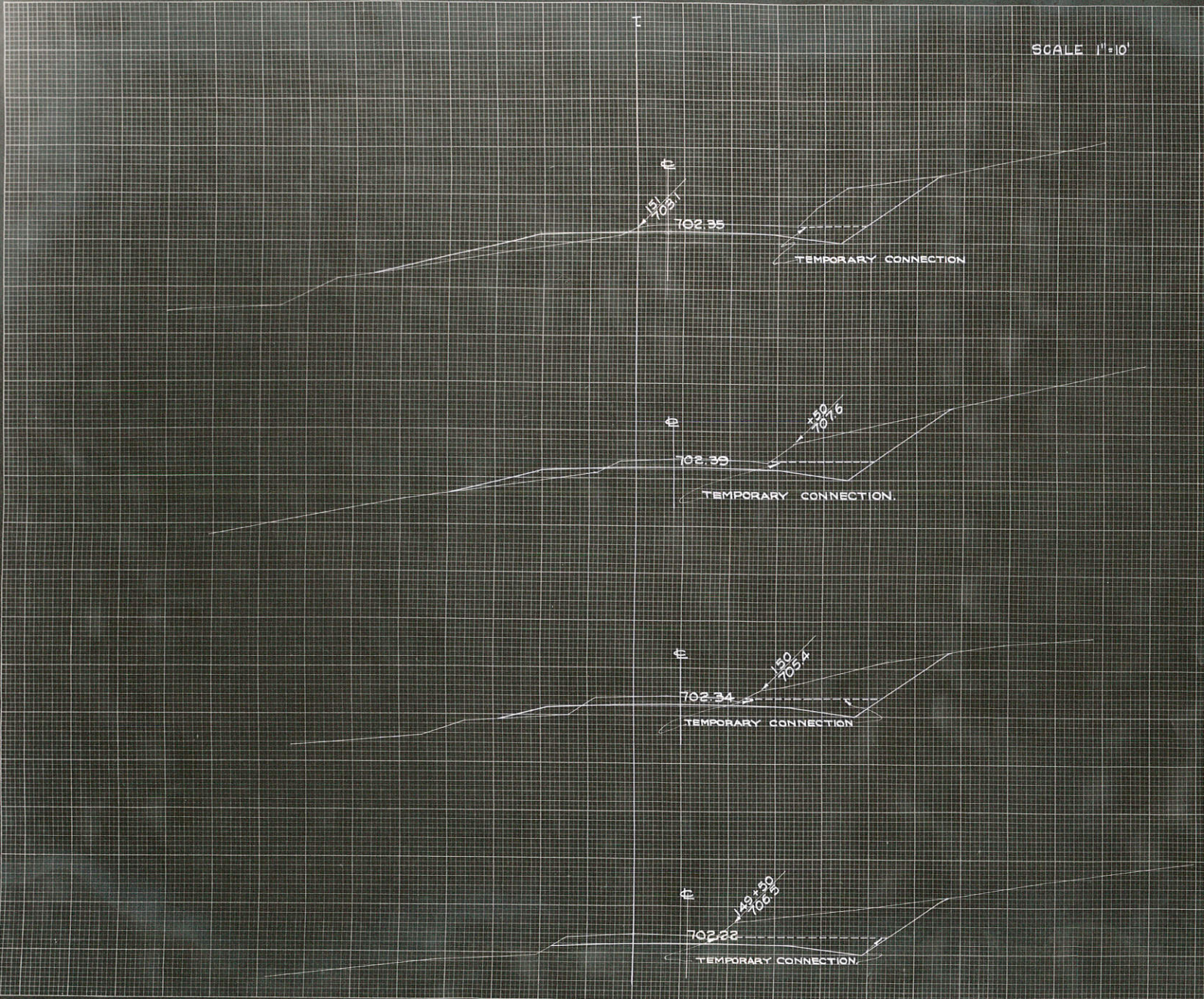
FINAL SURVEY DRAWING
 DATE: _____
 NO. _____
 DRAWN BY: _____
 CHECKED BY: _____
 DATE: _____

ORIGINAL SURVEY DRAWING
 DATE: 5/1/52
 NO. 1-3-33
 DRAWN BY: H. J. L. L.
 CHECKED BY: J. F. M. G. A. L.
 DATE: 1-3-53

SCALE 1"=10'

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
4	WISC.	397-F	17	50

DIVISION JOB NO. 5513



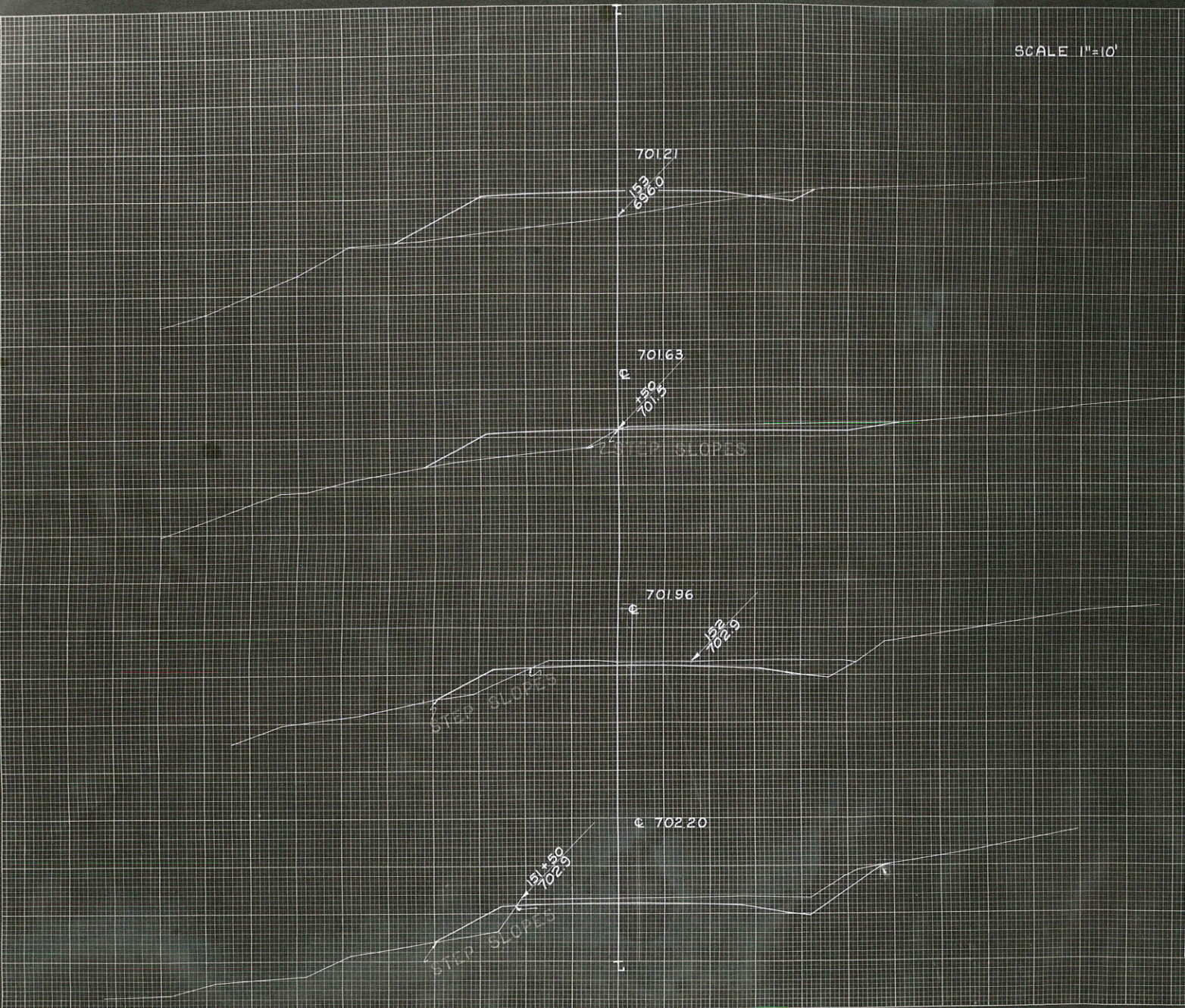
C.Y. SLOPES	STATION	END AREA			DISTANCE	YARDAGE					
		EXCAVATION		FILL		EXCAVATION			TOTAL FILL		
		COMMON	ROCK			COMMON	ROCK	TOTAL			
	149	440		0							
	+50	333		0	50			720		720	0
	150	290		21	50			578		578	19
	+50	285		41	50			533		533	57
	151	244		81	50			491		491	13
SUB TOTAL - MILE _____											
SHEET TOTAL 2322 2322 189											

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
4	WISC.	397 F	18	50
DIVISION JOB NO. 5513				

SCALE 1"=10'

DATE
BY
FINAL SURVEY
REVISIONS
NOTED
NOTE BOOK
NO. 3281
CHECKED

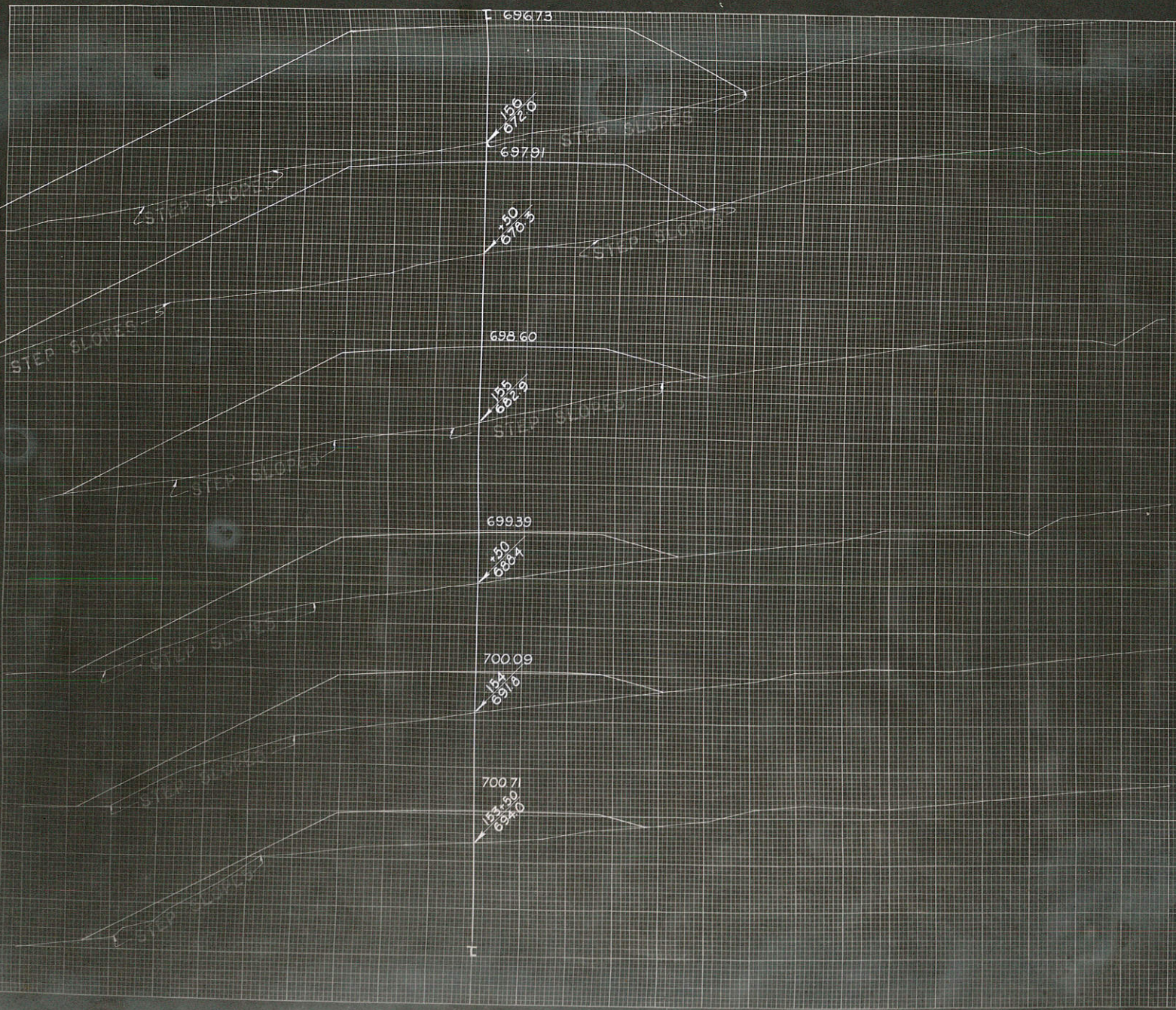
DATE
BY
FINAL SURVEY
REVISIONS
NOTED
NOTE BOOK
NO. 3281
CHECKED



C.Y. STEP SLOPES	STATION	END AREA			DISTANCE	YARDAGE					
		EXCAVATION		FILL		EXCAVATION			TOTAL FILL		
		COMMON	ROCK			COMMON	ROCK	TOTAL			
	151	24		8							
	+50	40			47	50				35	10
	20						22	8			
	152	10			41	50					
	+50	68			14	50				15	10
	6						72				
	153	10					36	50			
52											
SUB TOTAL - MILE									815	840	
SHEET TOTAL									815	840	

DATE: _____
 DRAWN BY: _____
 CHECKED BY: _____
 APPROVED BY: _____

DATE: _____
 DRAWN BY: _____
 CHECKED BY: _____
 APPROVED BY: _____



SCALE 1"=10'

FED. ROAD DIST. NO.	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
4	WISC.	3-7-F	19	50
DIVISION JOB NO.			55	3

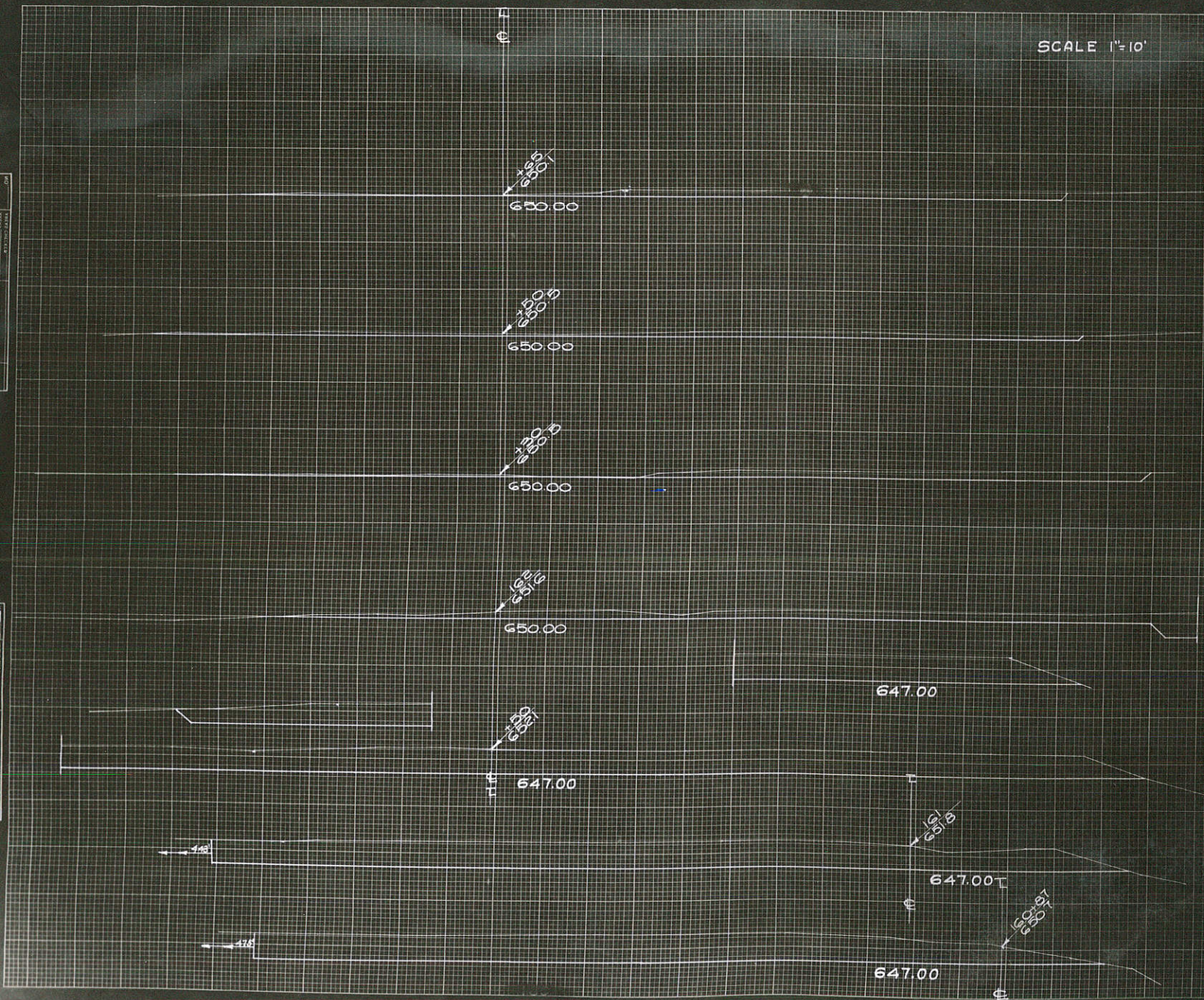
C.Y. STEP SLOPES	STATION	END AREA			DISTANCE	YARDAGE			TOTAL FILL
		EXCAVATION		FILL		EXCAVATION		TOTAL	
		COMMON	ROCK			COMMON	ROCK		
	153 10			363					
24				50	9			9	844
	+50 0			550				0	131
48				50	0			0	1759
	154 0			865				0	2476
46				50	0			0	309
	+50 0			1035				4	5269
63				50	4			4	2554
	155 5			1639				15	
91				50	15			15	
	+50 12			2270				28	
105				54	26			28	
	156 04			2099				11	
41				46	11			11	
	+50 0			0					
418									

SUB TOTAL - MILE _____
 SHEET TOTAL 65 65 17332

SCALE 1"=10'

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. CL.	SHEET NO.	TOTAL SHEETS
4	WISC.	337-F	20	50

DIVISION JOB NO. 5515



CY. STEP SLOPES	STATION	END AREA			DISTANCE	YARDAGE		
		EXCAVATION		FILL		EXCAVATION		TOTAL FILL
		COMMON	ROCK		COMMON	ROCK	TOTAL	TOTAL
	160							
	+10	0			40		40	0
	+87	2			77		15	0
	161	9			13		57	0
	+50	3			30		89	0
	162	6			50		89	0
	+30	9			30		46	0
	+50	6			20		33	0
	+65	6			15		93	0

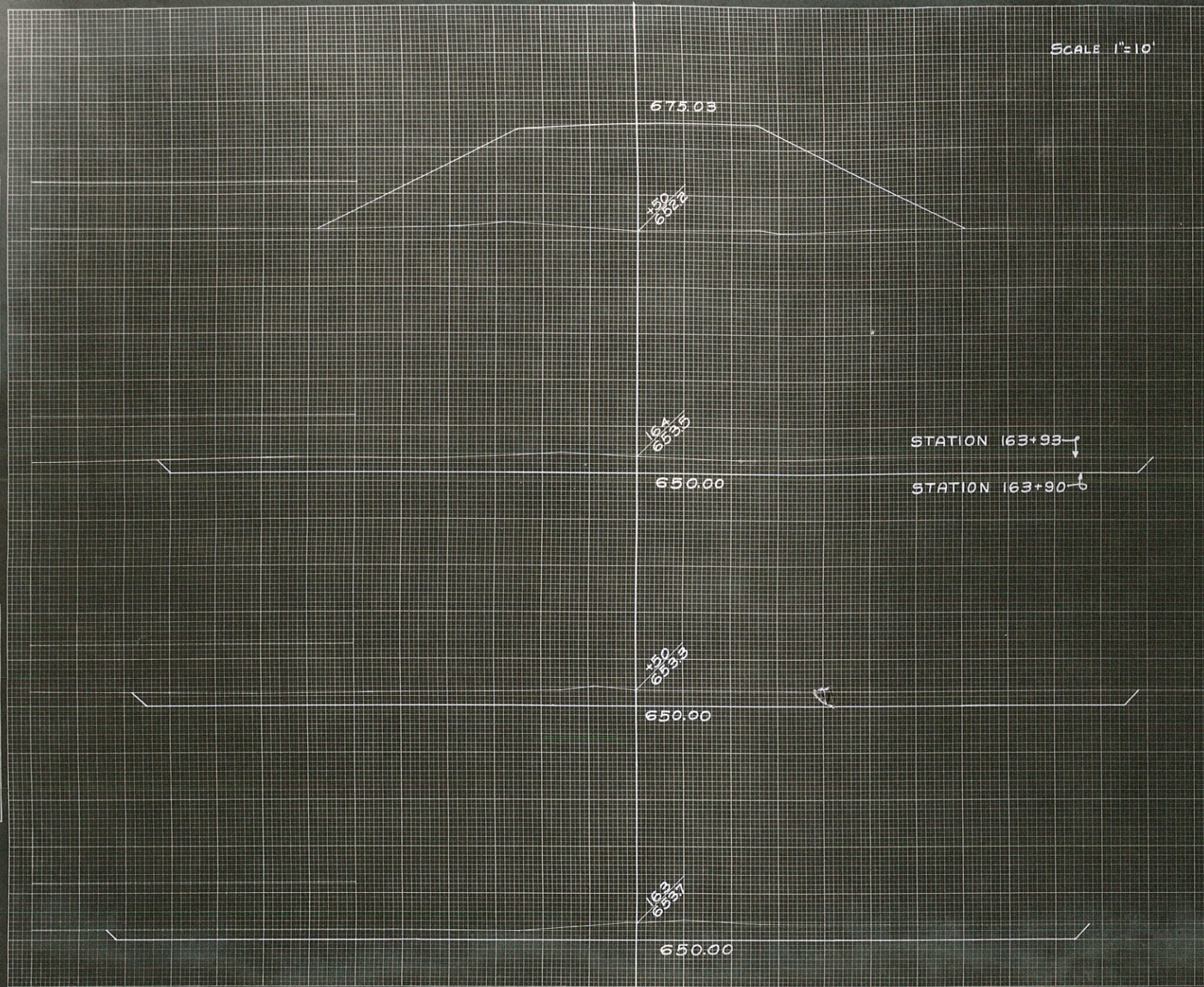
SUB TOTAL - MILE
SHEET TOTAL 10814 10814 0

DATE: _____
DRAWN BY: _____
CHECKED BY: _____
SCALE: _____

DATE: _____
DRAWN BY: _____
CHECKED BY: _____
SCALE: _____

SCALE 1"=10'

FIG. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
4	WISC.	3374	2	50
DIVISION		JOB NO.		
		5513		



CY. STEP SLOPES	STATION	END AREA			DISTANCE	YARDAGE				
		EXCAVATION		FILL		EXCAVATION			TOTAL FILL	
		COMMON	ROCK			COMMON	ROCK	TOTAL		
	162 +65	1 6		0						
	163	6 0		0	35	496			496	0
	+50	6 6		0	50	1172			1172	0
	+90	6 4		0	40	1007			1007	0
	+93	0		0	03	39			39	0
	164 +59	0		0	209	46			0	178

SUB TOTAL - MILE _____
 SHEET TOTAL 2714 2714 178

DATE	BY	REVISION

DATE	BY	REVISION
3-13	HALL	GAL
	J.F.V.	

FED. ROAD DIST. NO. 4
 STATE WISC.
 PROJ. NO. 337-1
 DIVISION JOB NO. 5513
 SHEET NO. 29
 TOTAL SHEETS 50



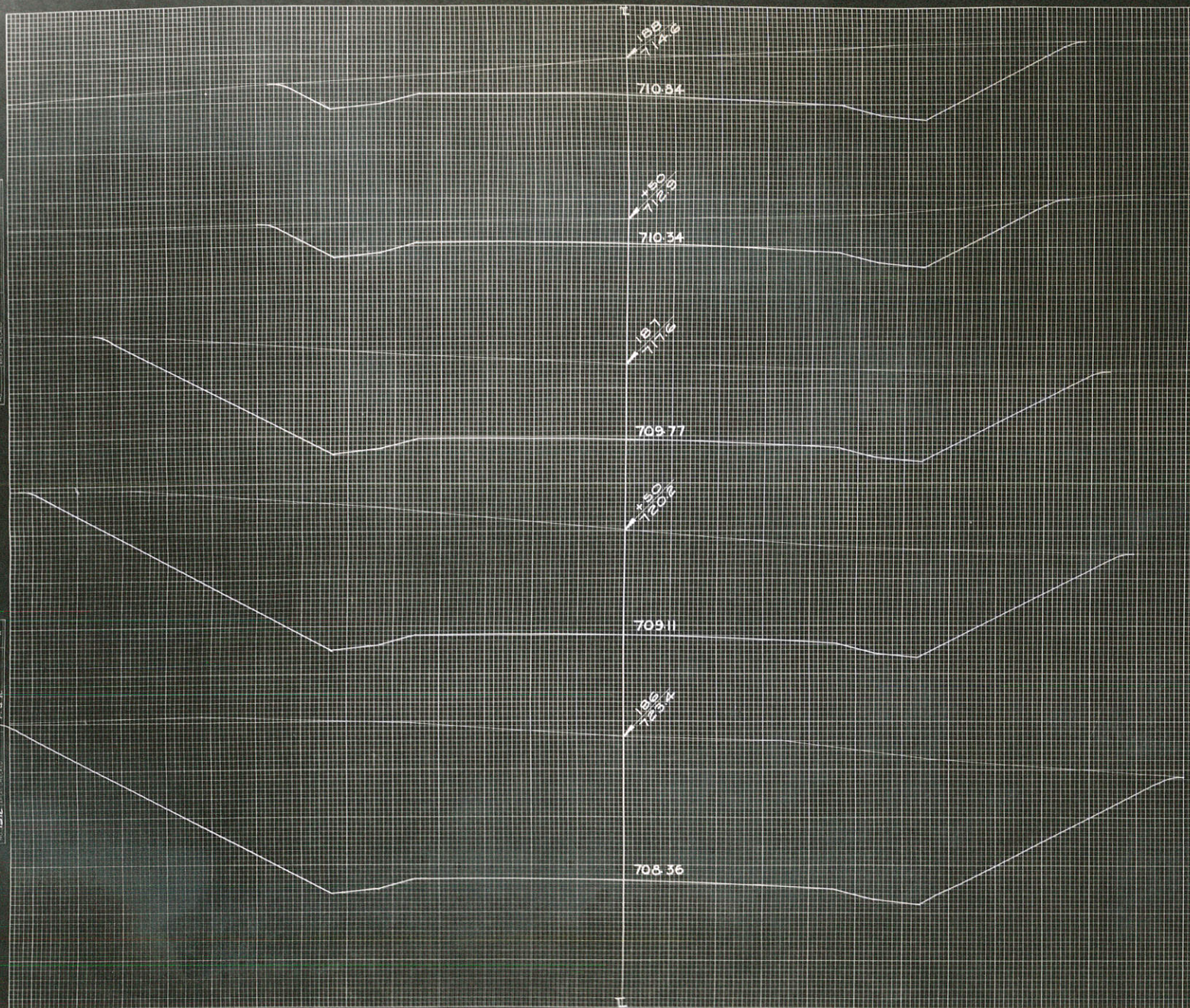
STATION	END AREA		FILL	DISTANCE	YARDAGE			
	COMMON	CUT			COMMON	ROCK	TOTAL	
176+64	2	0	0	0	0	0	0	
177	0	36	0	100	0	0	0	
178	0	100	0	50	0	0	0	
+50	0	0	0					
SUB-TOTAL - MILE							13.49	0
SHEET TOTAL							13.49	0

FINAL SURVEY NO. 702
 DATE 3-38
 BY A.J.A. & J.H.L.

ORIGINAL SURVEY NO. 702
 DATE 3-38
 BY A.J.A. & J.H.L.

FINAL
 SURVEY REPORT
 NO. 1912

ORIGINAL
 SURVEY REPORT
 NO. 1912

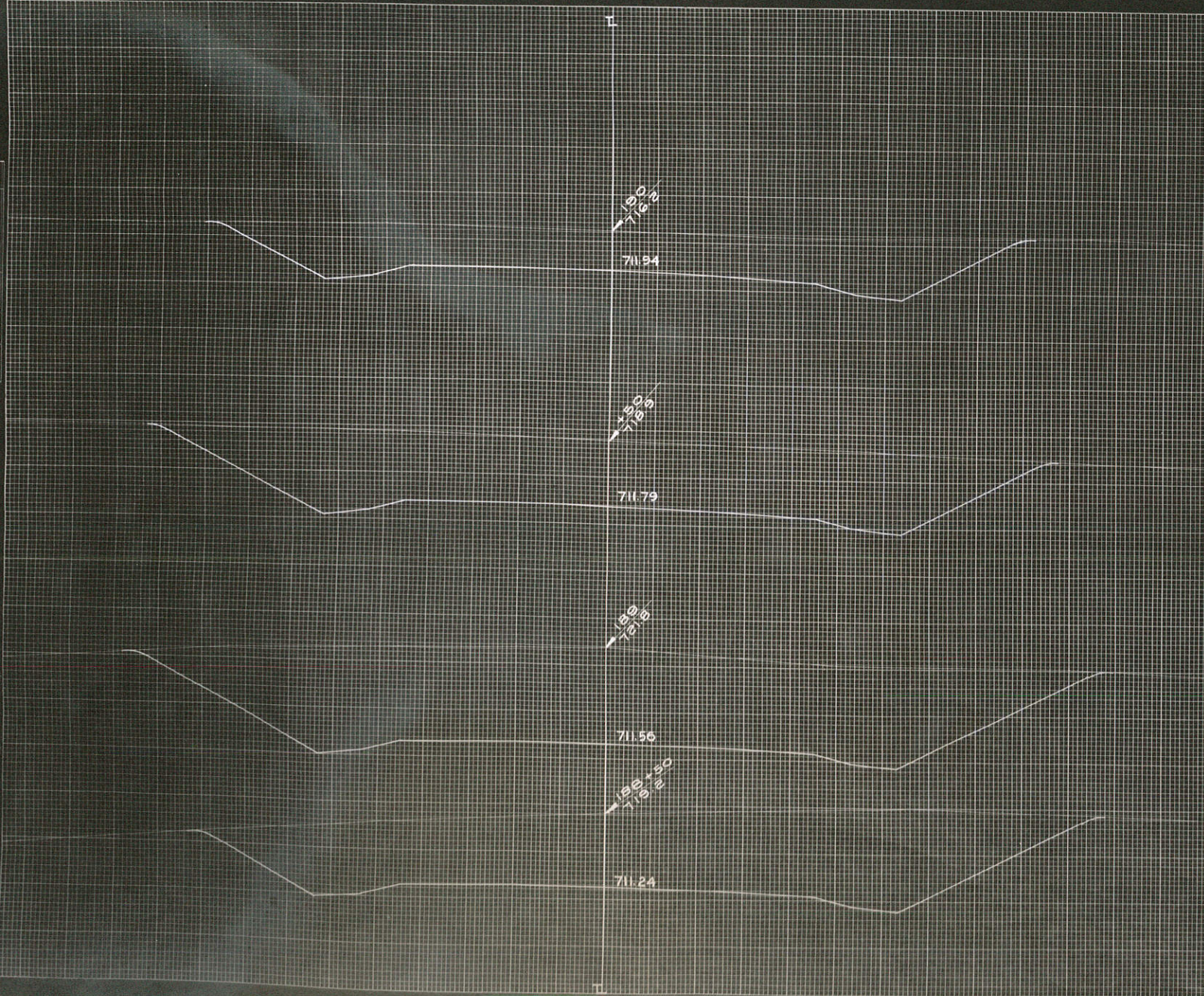


FED. ROAD DIST. NO. 4 STATE WISC. FED. AID PROJ. NO. 337-F SHEET NO. 34 TOTAL SHEETS 50 DIVISION JOB NO. 5513

STATION	END AREA			DISTANCE	YARDAGE			
	COMMON	CUT	FILL		COMMON	ROCK	TOTAL	TOTAL FILL
185								
+30.2								
186	5	4	0	50	563		563	0
+50	1	3	0	50	242		242	0
187	7	2	0	50	176		176	0
+50	2	5	0	50	438		438	0
188	3	7	0	50	296		296	0
SUB-TOTAL - MILE								
SHEET TOTAL					6270		6270	0

PLAN
 SURVEY
 NO. 100
 DATE 10/1/50

ORIGINAL
 SURVEY
 NO. 100
 DATE 10/1/50



FED. ROAD DIST. NO. 4
 STATE WISC.
 PROJ. NO. 3371
 DIVISION JOB NO. 5513

STATION	END AREA			DISTANCE	YARDAGE			
	COMMON	ROCK	FILL		COMMON	ROCK	TOTAL	TOTAL FILL
188	3							
+50	6			50				
189	8			50				
+50	5			50				
190	3			50				
SUB-TOTAL - MILE					4612			
SHEET TOTAL					4612			0

FINAL DESIGN DRAWING
 DATE: 10/15/50
 DRAWN BY: J.M.A.
 CHECKED BY: J.W.J.

CONTRACT NO. 7900
 SHEET NO. 50 OF 50
 DRAWN BY: J.M.A.
 CHECKED BY: J.W.J.



STATION	END AREA			DISTANCE	YARDAGE			TOTAL FILL
	EARTH CUT	ROCK CUT	FILL		EARTH	L. ROCK	S. ROCK	
221+00	0	0	76	0	0	0	548	
222+00	0	0	200	0	0	0	420	
223+00	0	0	70	39	39	0	240	
224+21	27	0	0	87	87	0	248	
225+00	45	0	0	12	12	0	29	
TOTAL					138	0	1265	

PE. RT. STA. 224+00 10