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SHEET NO. 8-10	DRAINAGE STRUCTURES AND STANDARD DETAILS
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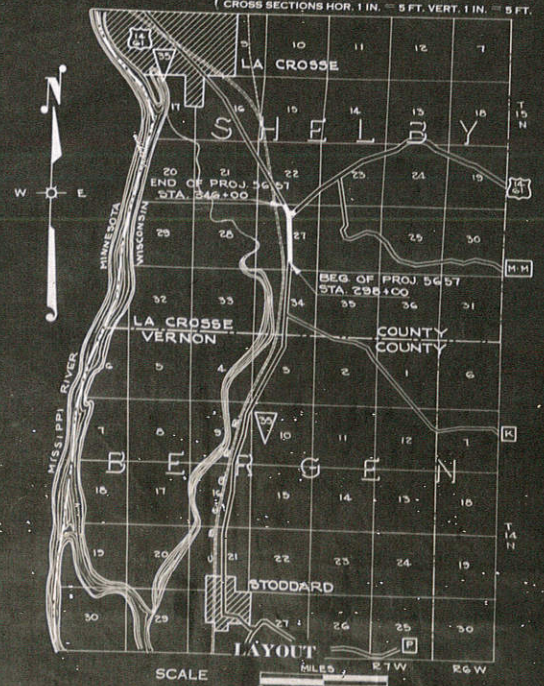
STATE OF WISCONSIN
STATE HIGHWAY COMMISSION OF WISCONSIN

PLAN AND PROFILE OF PROPOSED
STODDARD-LA CROSSE ROAD
 LA CROSSE COUNTY

5657 STATE PROJECT 5657

BEGINNING AT A POINT NEAR THE NORTH 1/4 CORNER OF SEC. 34, T15N, R7W, THENCE NORTHERLY TO THE JUNCTION OF STH 35 & U.S.H. 14 & 61 IN SEC. 27, T15N, R7W

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.

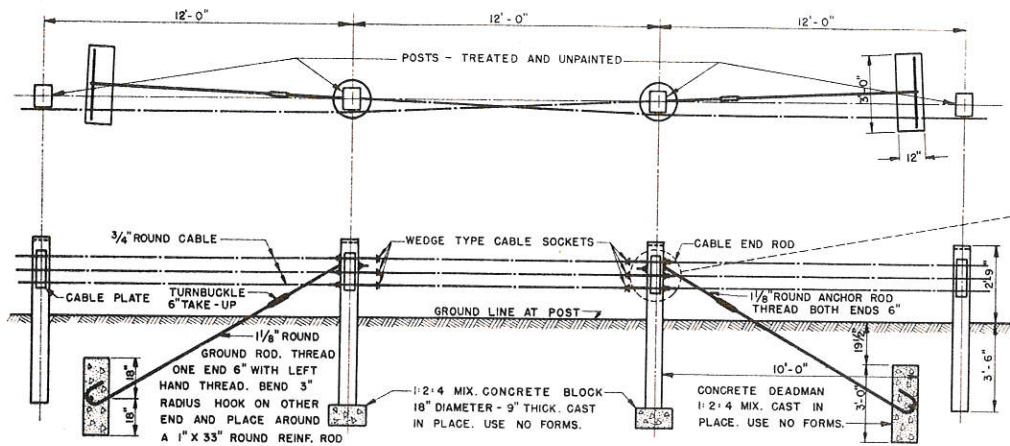


SCALE
 TOTAL NET LENGTH OF CENTERLINE - 1.085 MI.

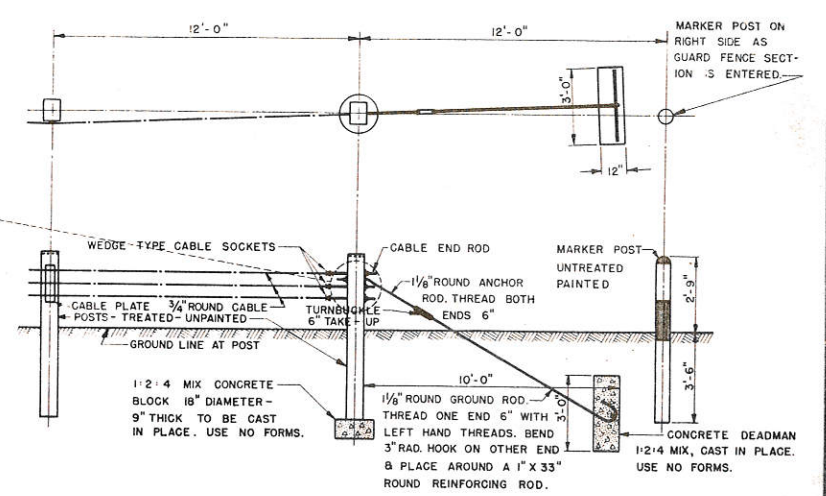
CONVENTIONAL SIGNS

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

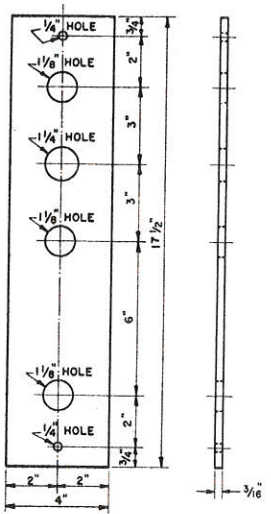
STATE HIGHWAY COMMISSION OF WISCONSIN MADISON, WIS.		U.S. DEPARTMENT OF AGRICULTURE BUREAU OF PUBLIC ROADS	
Surveyor: E.C.K.	State Book: 6186	Checked: R.C.J.	Correct: 4-18-38
DATE: 2/24/38	T.M. Bigelow	APPROVED:	DATE: 4/11/38
RECOMMENDED FOR APPROVAL:	DATE: 4/6/38	APPROVED:	DATE:
Checked in the field by: A.C. Galt	ASST. DIVISION ENGINEER		



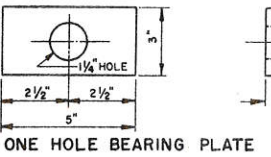
INTERMEDIATE ANCHOR



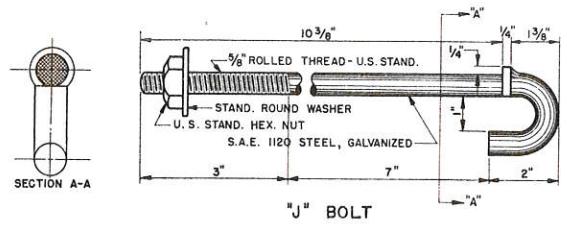
END ANCHOR



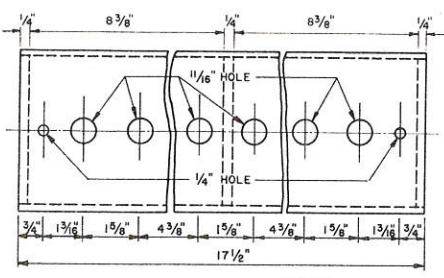
BEARING PLATE



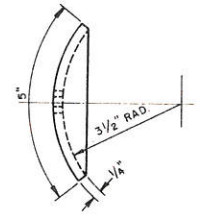
ONE HOLE BEARING PLATE



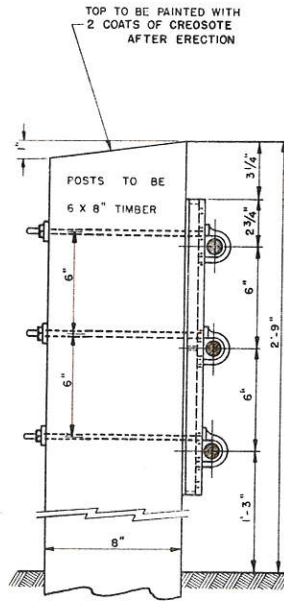
"J" BOLT



CABLE



PLATE

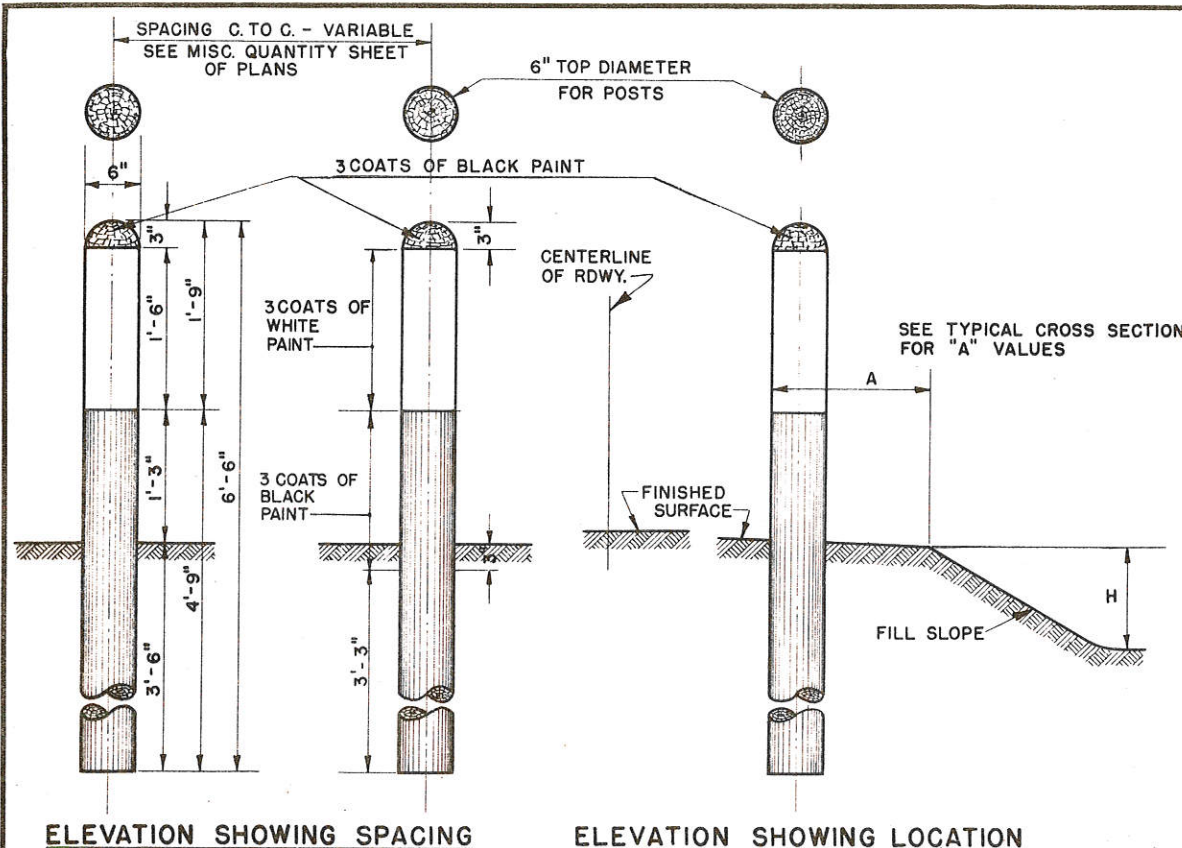


SIDE ELEVATION

GENERAL CONSTRUCTION NOTES

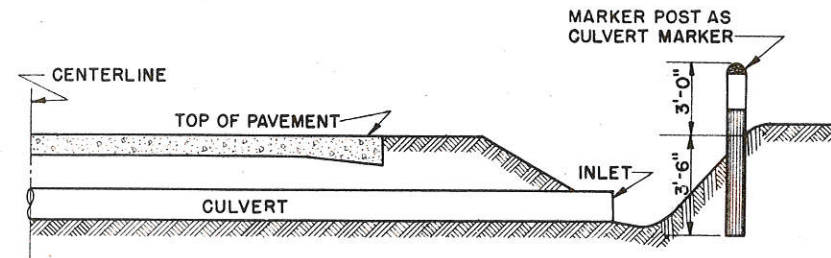
DETAILS OF CONSTRUCTION NOT COVERED ON THIS SHEET SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. FOUR DETAILED DRAWINGS OF SOCKETS, TURNBUCKLES AND PLATES MUST BE SUBMITTED TO THE STATE HIGHWAY COMMISSION FOR APPROVAL BEFORE THEIR USE WILL BE PERMITTED. ALL PLATES TO BE MALLEABLE IRON CASTINGS. ALL FITTINGS TO BE GALVANIZED, AND BREAKAGE OF GALVANIZING DURING ERECTION WILL BE CAUSE FOR REJECTION AND MUST BE REPLACED. AFTER ERECTION, ALL CABLE END BOLTS AND "J" BOLTS PROJECTING MORE THAN ONE INCH FROM NUT SHALL BE CUT OFF ONE HALF INCH FROM NUT AND CHECKED. VARIATIONS FROM THESE DESIGNS OF FITTINGS WILL BE CONSIDERED UPON SUBMISSION OF FOUR COPIES OF DETAILED PLANS FOR APPROVAL. IN GENERAL, NO CONTINUOUS SECTION OF CABLE SHALL EXCEED 750 FEET WITHOUT INTERMEDIATE ANCHORAGE. SEE TYPICAL SECTION SHEET FOR LOCATION OF RAIL IN REFERENCE TO SHOULDER.

STANDARD DESIGN FOR
3 WIRE CABLE GUARD FENCE
 STATE HIGHWAY COMMISSION OF WISCONSIN
 RECOMMENDED FOR APPROVAL:
 Frank Criss
 DESIGN ENGINEER
 APPROVED
 DATE 3/28/1938
 CHECKED BY: ntc

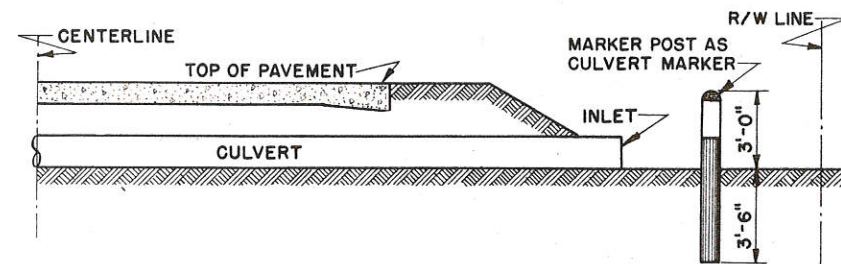


ELEVATION SHOWING SPACING

ELEVATION SHOWING LOCATION ON ROAD SHOULDER



HALF CUT SECTION WITH CULVERT MARKER



HALF FILL SECTION WITH CULVERT MARKER

NOTE:

MARKER POST AS CULVERT MARKER TO BE PLACED AT INLET END OF CULVERT. PLACE POST CLEAR OF CHANNEL. IN CUT, PLACE POST ON BACK SLOPE. IN FILL, PLACE POST BEYOND END OF CULVERT SO IT MAY BE VISIBLE FROM THE ROADWAY. MARKER POSTS FOR RIGHT OF WAY MARKERS SHALL BE PLACED WHERE DIRECTED BY THE ENGINEER.

GENERAL NOTES

TOP OF POST SHALL BE NEATLY ROUNDED.

POSTS TO BE CUT AND MANUFACTURED FROM LIVE, GREEN, GROWING NORTHERN WHITE CEDAR, YELLOW PINE, NORWAY PINE, JACK PINE, OR WHITE PINE, STACKED & SEASONED IN AN APPROVED MANNER.

PAINT AND APPLICATION SHALL CONFORM TO PERTINENT SPECIFICATIONS.

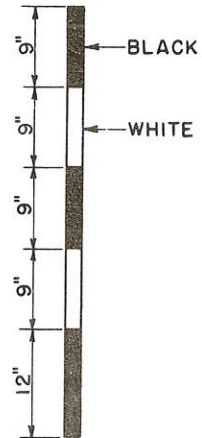
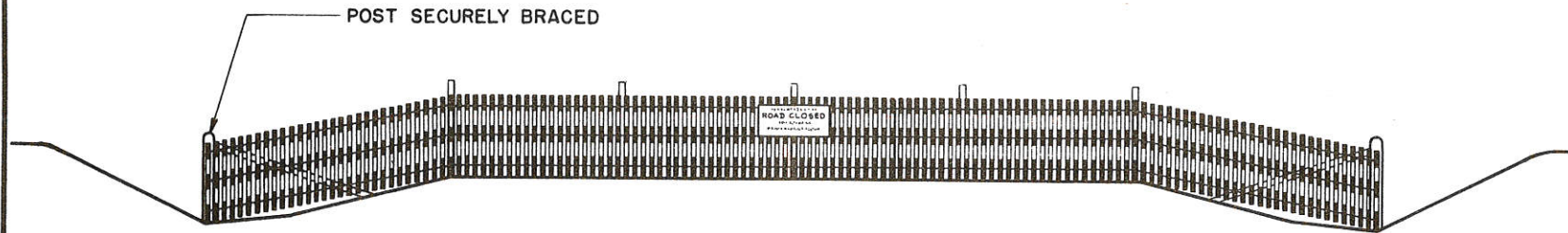
PORTION OF POST TO BE PAINTED SHALL BE SHAVED TO THE WHITE BEFORE PAINTING.

DETAILS OF CONSTRUCTION NOT COVERED ON THIS SHEET SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

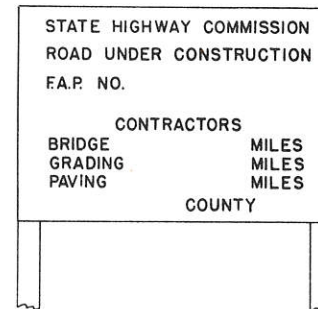
MARKER POSTS	
STATE HIGHWAY COMMISSION OF WISC.	
RECOMMENDED FOR APPROVAL:	
<i>Frank Brown</i> DESIGN ENGINEER	<i>M. J. Slake</i> 1/31/38 CONSTRUCTION ENGINEER
APPROVED:	
DRAWN <i>rbs</i>	DATE 1-31-38
CHECKED <i>N.E.C.</i>	DATE <i>C. E. Ruttig</i> STATE HIGHWAY ENGINEER

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-6) TO BE ERECTED ON FENCE AT THE TOP ON
 THE CENTERLINE OF ROAD.

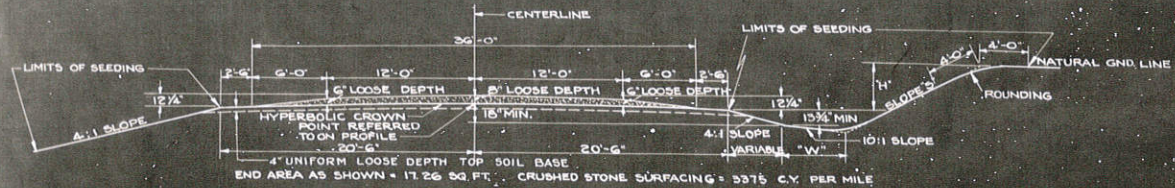


DETAIL SHOWING METHOD OF STRIPING
 FOR 4' SNOW FENCE.



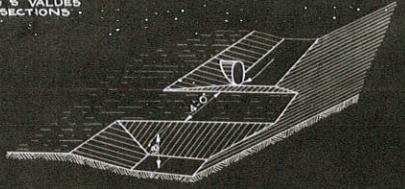
THIS SIGN TO BE PLACED
 AT BEGINNING OF DETOUR

STATE HIGHWAY COMMISSION OF WISCONSIN	
CONSTRUCTION BARRICADE	
RECOMMENDED FOR APPROVAL:	
<i>Frank Brase</i> DESIGN ENGINEER	
<i>W. J. [Signature]</i> CONSTRUCTION ENGINEER	
APPROVED:-	
DRAWN H.M.	3/28/38 <i>E. G. [Signature]</i>
CHECKED WHG	DATE STATE HIGHWAY ENGINEER

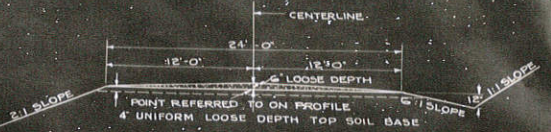


HALF SECTION IN LOW FILL HALF SECTION IN CUT
**SECTION FOR CRUSHED STONE SURFACING
 OR GRAVEL SURFACING**

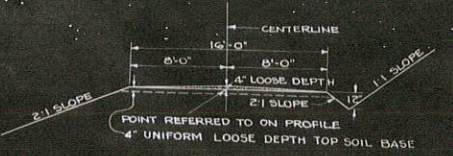
NOTE: FOR "W", "H" & "S" VALUES SEE CROSS SECTIONS.



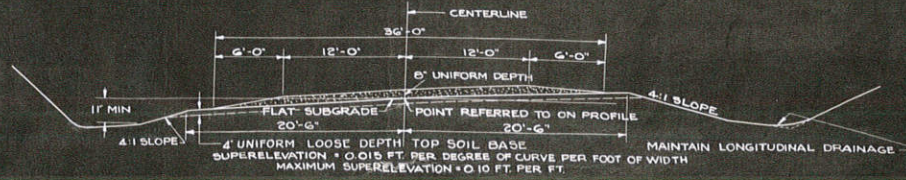
PERSPECTIVE SKETCH OF EARTH DAMS



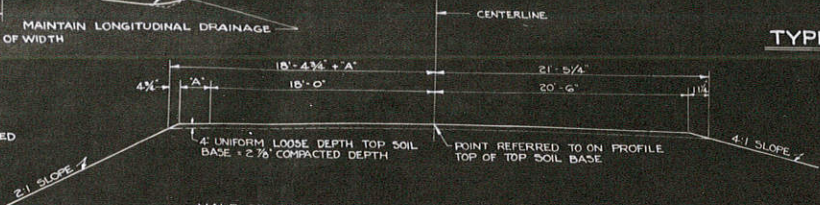
TYPICAL SIDEROAD SECTION



TYPICAL PRIVATE ENTRANCE SECTION



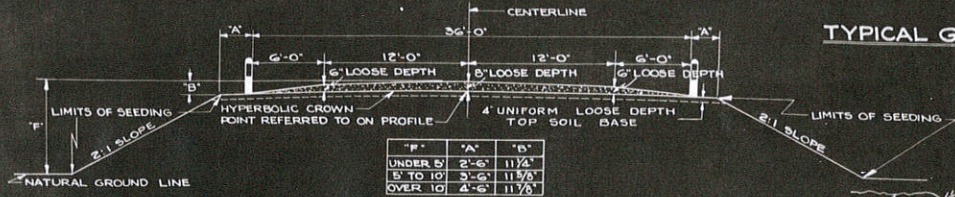
TYPICAL SECTION ON CURVES
 NOTE: WHERE NECESSARY TO MAINTAIN LONGITUDINAL DRAINAGE SECTION WILL BE ROTATED ABOUT POINT OTHER THAN CENTERLINE AND/OR PROFILE GRADE ADJUSTED AS REQUIRED.



TYPICAL GRADING SECTION PLUS TOP SOIL BASE

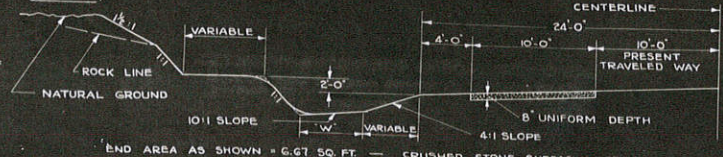


TYPICAL SECTION FOR SODDING

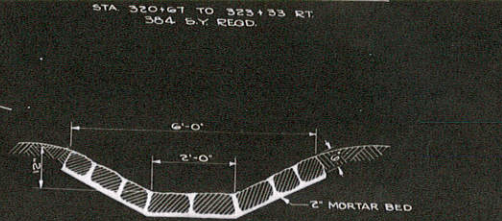


**GUARD FENCE SECTION FOR CRUSHED STONE SURFACING
 OR GRAVEL SURFACING**

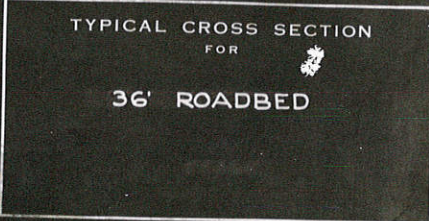
APPROVED APPLICABLE DRAWINGS
 3 WIRE CABLE GUARD FENCE SD - 13.1
 MARKER POSTS SD - 12.2
 CONSTRUCTION BARRICADE SD - 16.1



END AREA AS SHOWN = 6.67 SQ. FT. — CRUSHED STONE SURFACING = 25.0 C.Y. PER STA.
**SECTION SHOWING SHOULDER WIDENING AND
 SURFACING STA 346+00 TO STA 9A+00**



SECTION FOR GROUTED RUBBLE PAVING



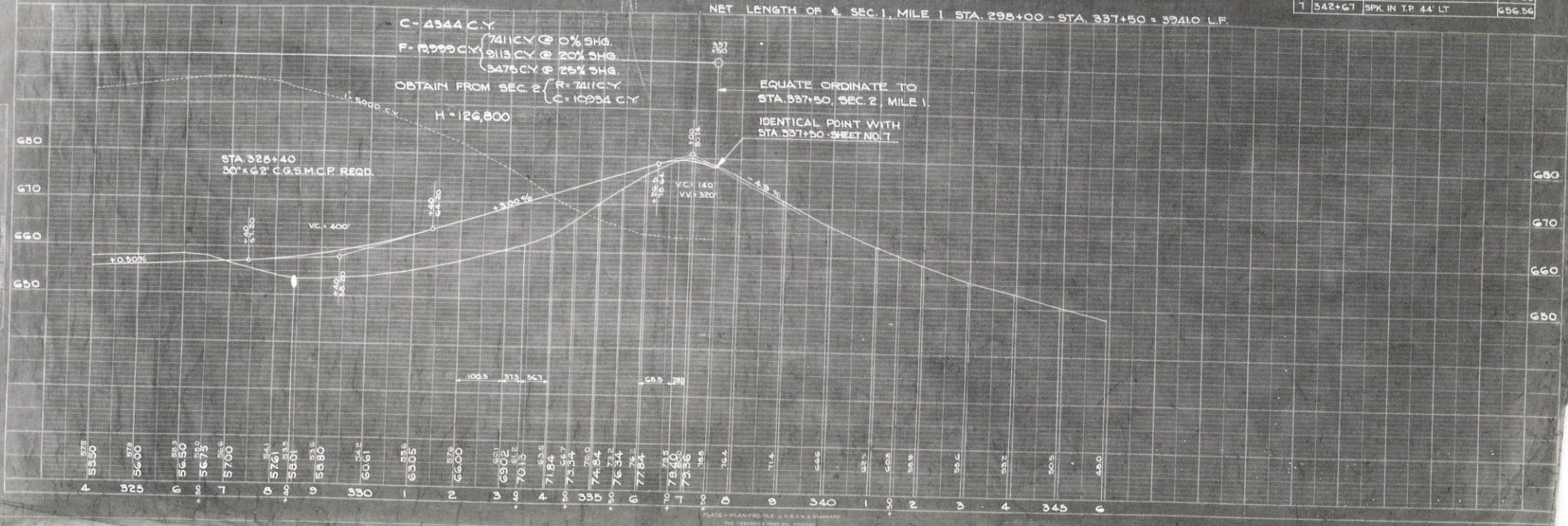
**TYPICAL CROSS SECTION
 FOR
 36' ROADBED**



STA 333+55 P.E. RT
18' x 42' C.G.S.M.C.P. REQD.

NET LENGTH OF 1/2 SEC. 1, MILE 1 STA. 298+00 - STA. 337+50 = 3941.0 L.F.

NO. STATION	BENCH MARKS	
	DESCRIPTION	EL.
5 327+40	□ N. END LOWER STEP T. HALL	657.53
6 337+00	□ N.E. COR. CONC. PLAT. FULL STA.	678.30
7 342+67	□ BPK. IN T.P. 44' LT.	696.56

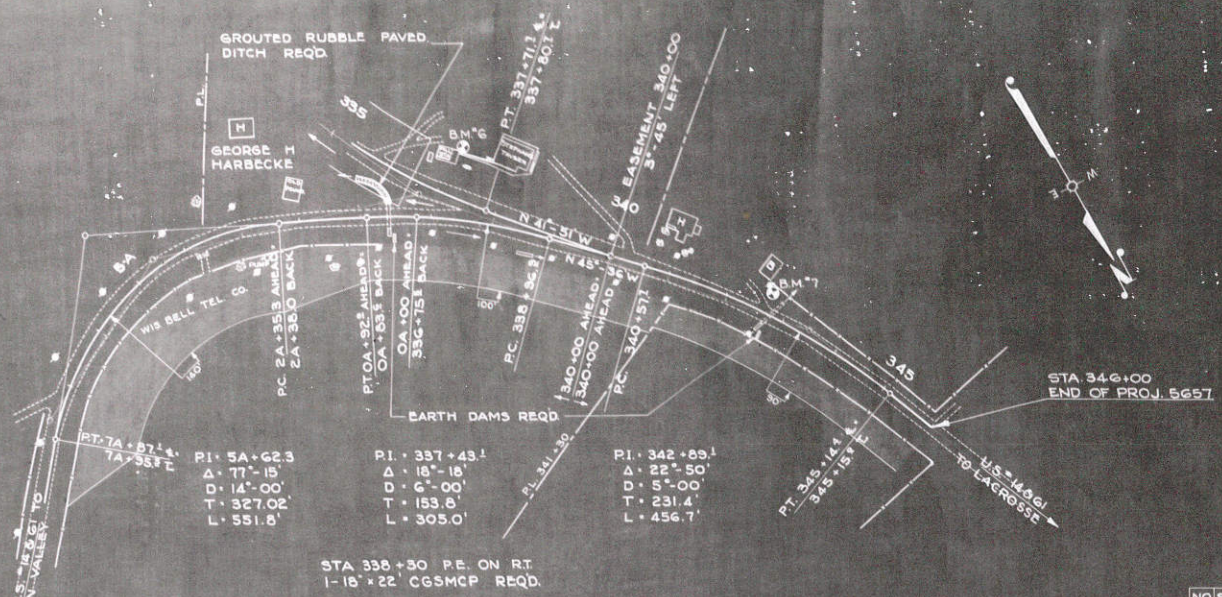


C = 4344 C.Y.
F = 12999 C.Y. (7411 C.Y. @ 0% SHG.
9113 C.Y. @ 20% SHG.
3475 C.Y. @ 25% SHG.)
OBTAIN FROM SEC. 2 (R = 7411 C.Y.
C = 10934 C.Y.)

EQUATE ORDINATE TO
STA. 337+50, SEC. 2, MILE 1.
IDENTICAL POINT WITH
STA. 337+50 - SHEET NO. 7

DATE	11-1-58
BY	J.C.
CHECKED BY	J.C.
APPROVED BY	J.C.
SCALE	AS SHOWN

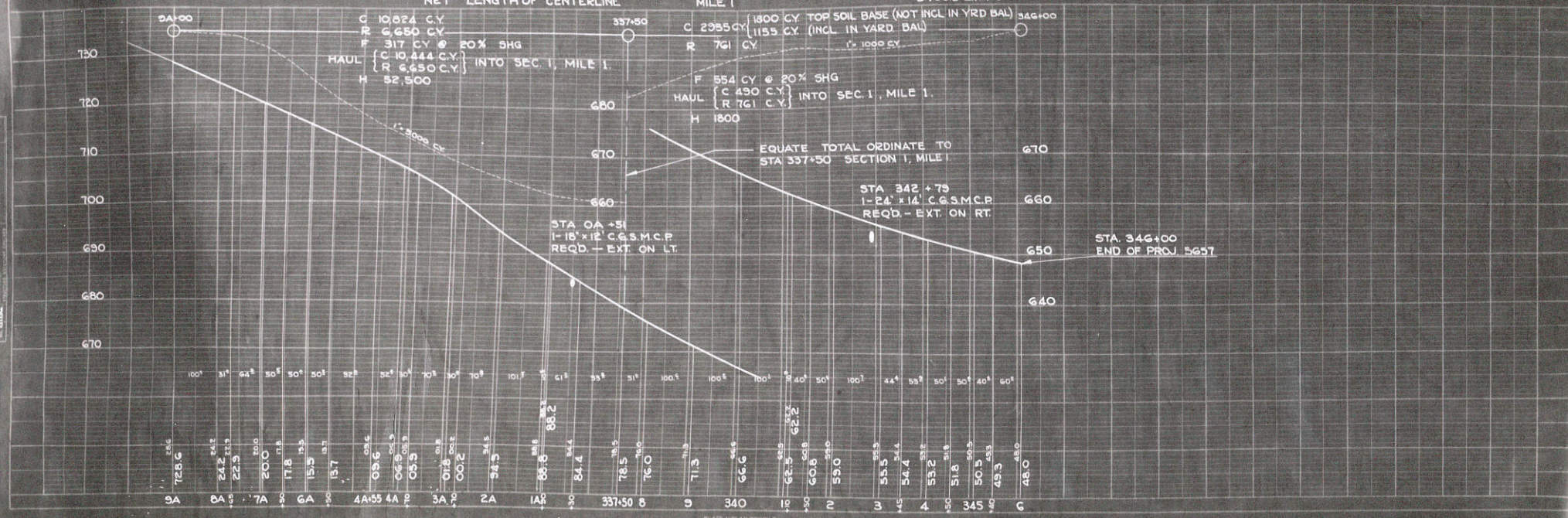
DATE	11-1-58
BY	J.C.
CHECKED BY	J.C.
APPROVED BY	J.C.
SCALE	AS SHOWN



NET LENGTH OF CENTERLINE SECTION 2, MILE I, STA. 9A+00 - STA. 346+00 = 18098 LIN. FT.
 NET LENGTH OF CENTERLINE MILE I = 5750.8 LIN. FT.

BENCH MARKS

NO.	STATION	DESCRIPTION	E.L.
G	337+00	N.E. COR. CONC. PLAT. PILL. STA. 678.30	
T	342+67	SPK. IN TP. 44 LT.	656.56



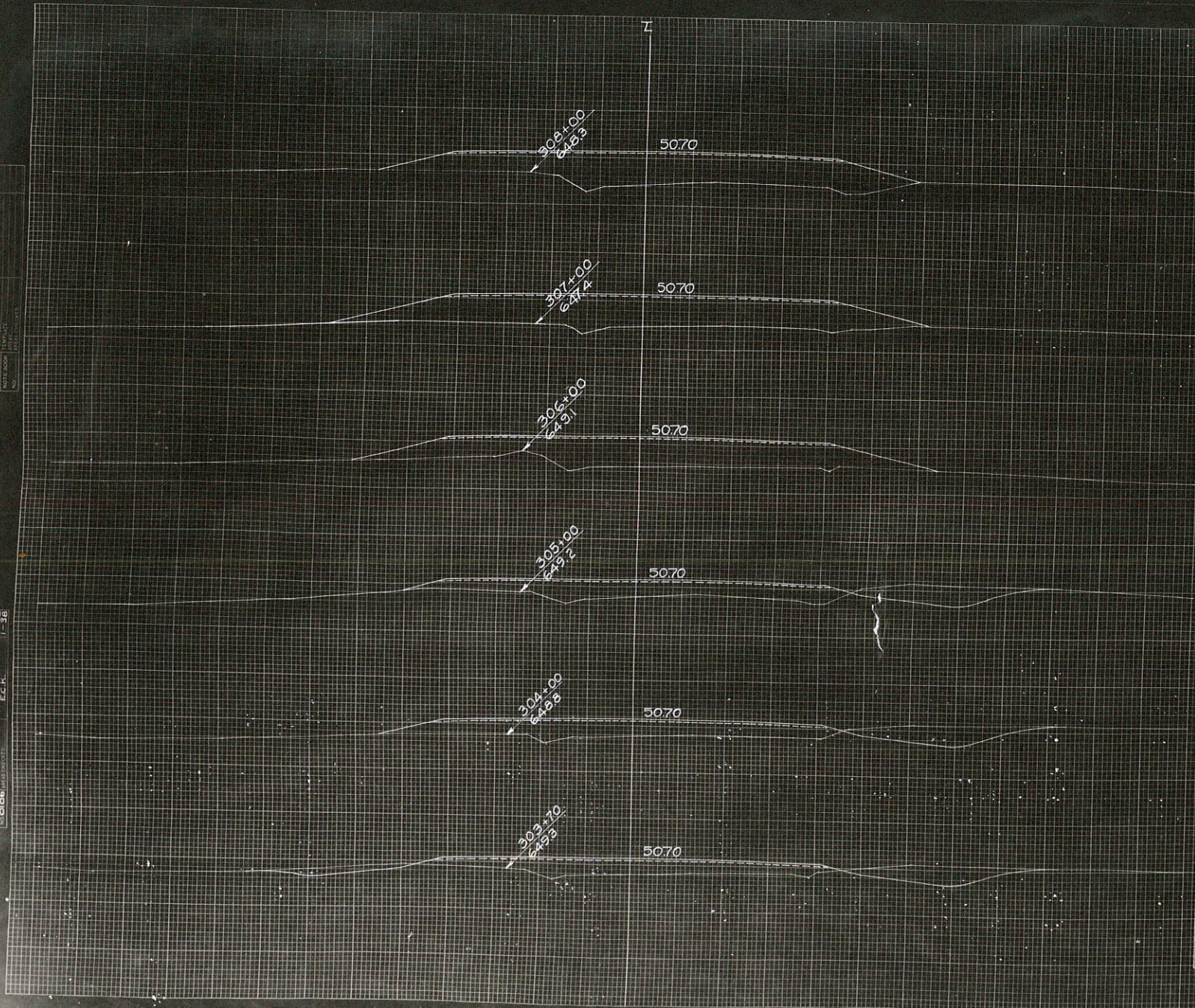
PL. MAP NO. 4 DATE WBC STATE 5657 PROJECT NO. 7 PL. NO. 27 TOTAL SHEETS

PROFILE DATE WBC STATE 5657 PROJECT NO. 7 PL. NO. 27 TOTAL SHEETS

DIVISION JOB NO. 5657

FINAL SURVEY PLANTING NOTES
NO. 0186

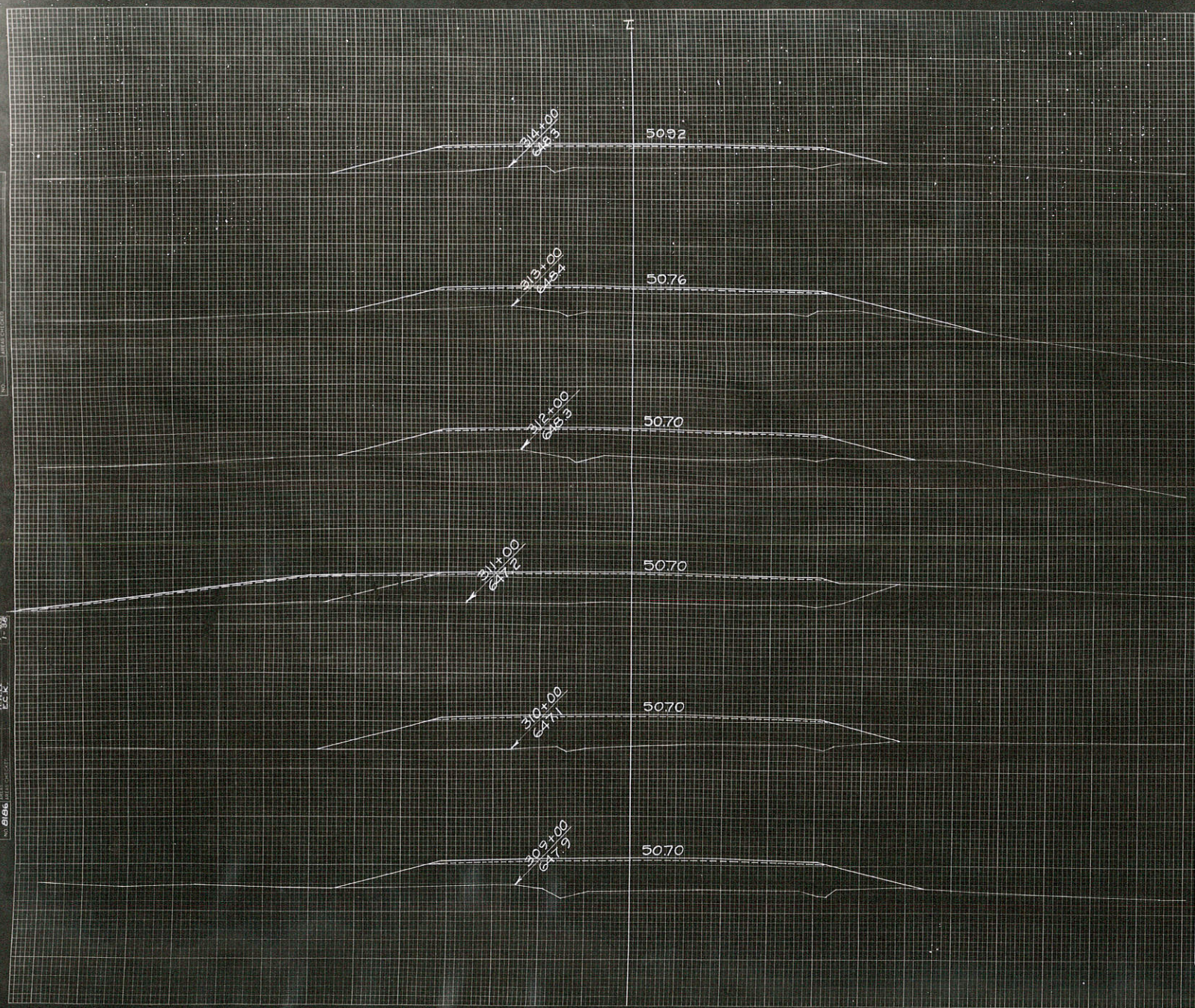
ORIGINAL SURVEY PLANTING NOTES
NO. 0186



CY. STEP SLOPES	STATION	END AREA			DISTANCE	YARDAGE					
		EXCAVATION				EXCAVATION					
		COMMON	ROCK	FILL		COMMON	ROCK	TOTAL	TOTAL FILL		
	303	56		30							
	+70	33		63	70	115			115	120	
	304	28		82	30	33			33	81	
	305	26		75	100	100			100	291	
	306	0		140	C-75 F-100	35			35	398	
	307	0		166	100	0			0	567	
	308	0		155	100	0			0	594	

SUB TOTAL - MILE _____
SHEET TOTAL 283 283 2051

DIVISION JOB NO. 5657



C.Y. STEP SLOPES	STATION	END AREA			DISTANCE	YARDAGE			TOTAL FILL	
		EXCAVATION		FILL		EXCAVATION		TOTAL		
		COMMON	ROCK			COMMON	ROCK			
	308	0		155					5	
	309	0		165					3	
	310	0		170					0	
	311	0		165					0	
	312	0		140					5	
	313	0		132					0	
	314	0		129					0	
	310+30 P.E. LT.									30

FINAL SURVEY PLOTTED
NOTE BOOK

DATE
BY

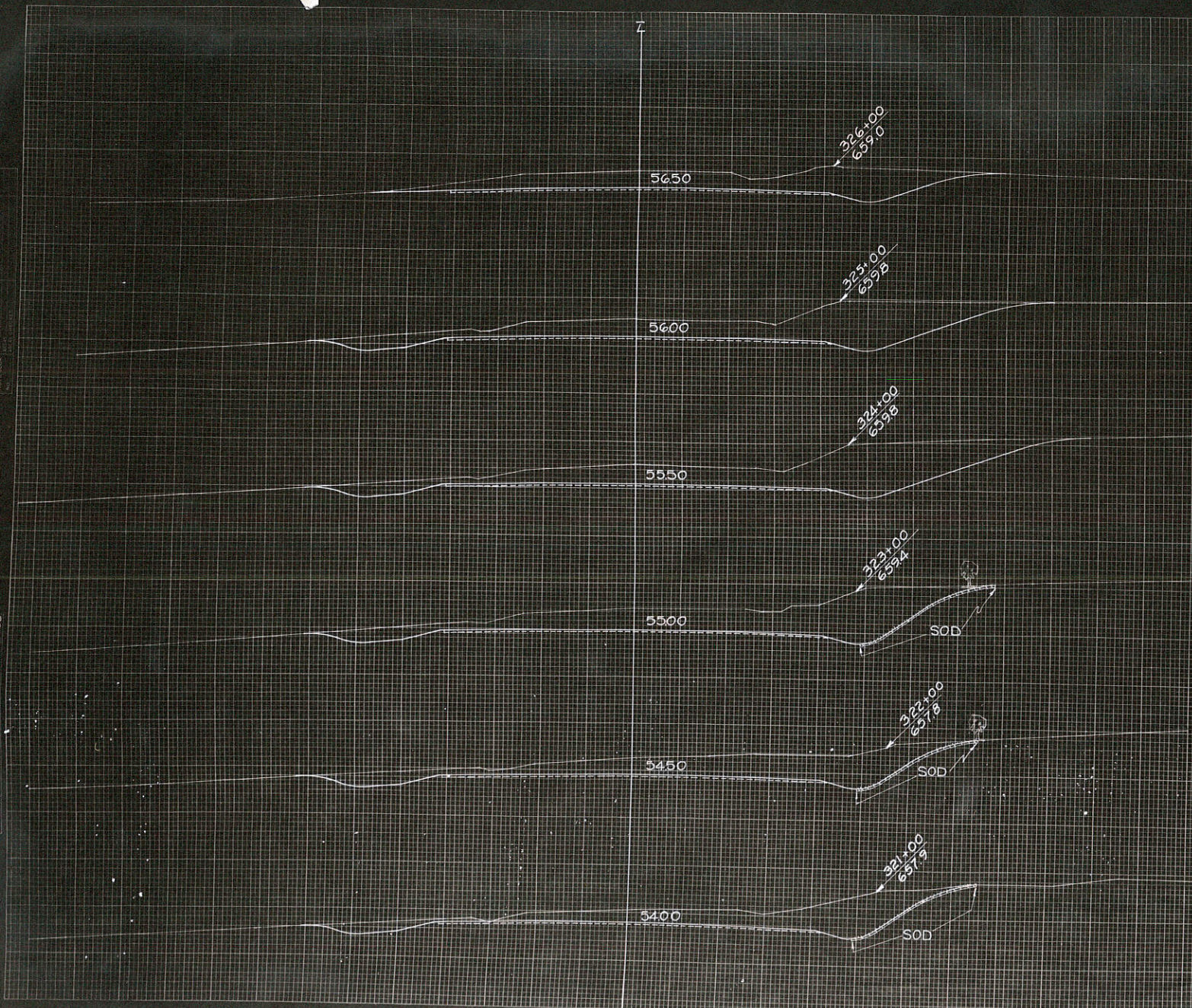
ORIGINAL SURVEY PLOTTED
NOTE BOOK

SUB TOTAL - MILE _____
SHEET TOTAL 0 0 34.5

DIVISION JOB NO. 5657

FINAL SURVEY
 DATE: 11/15/57
 BY: [illegible]

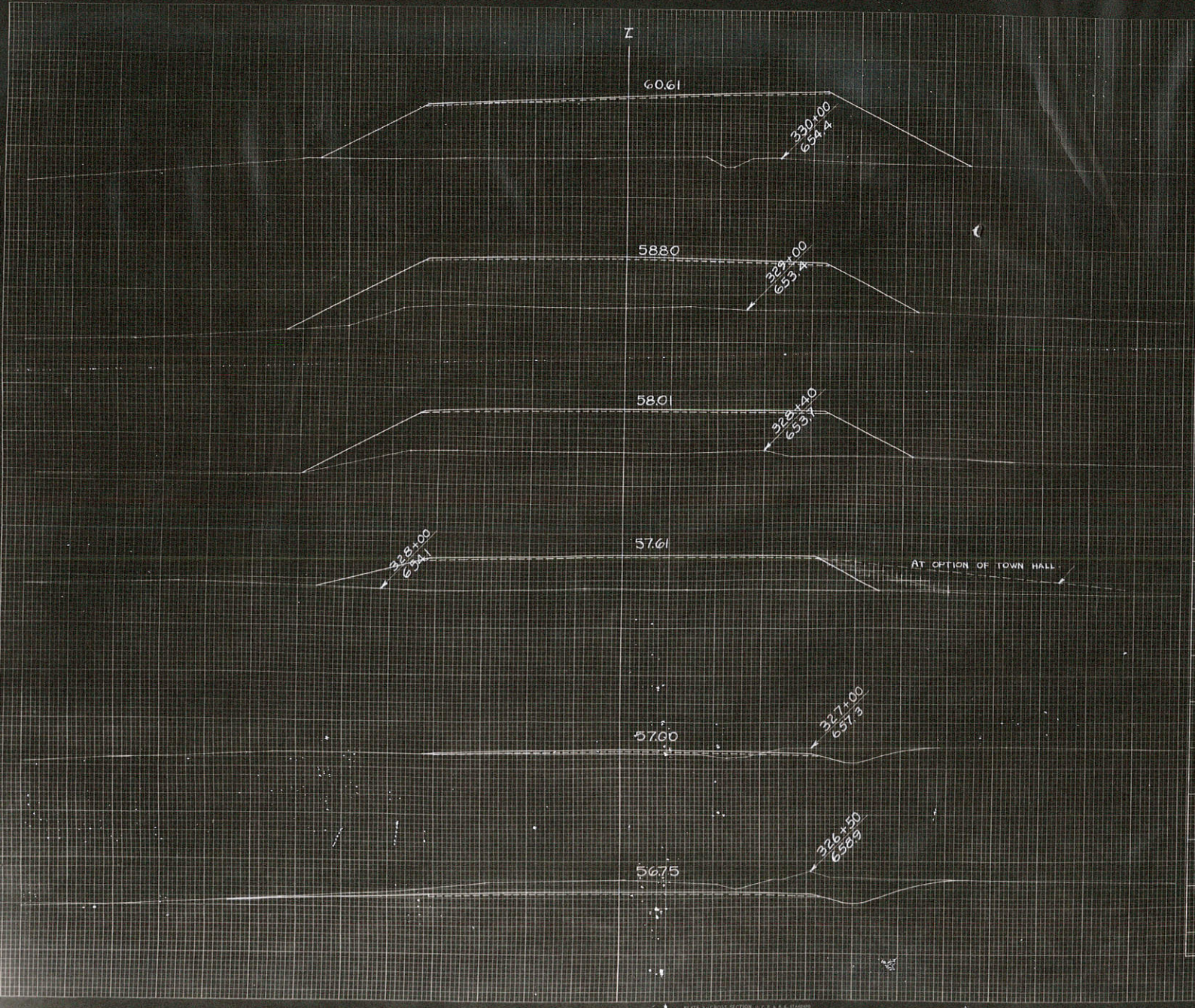
Original Scale
 1" = 40' HORIZ.
 1" = 10' VERT.
 8186



C.Y. STEP SLOPES	STATION	END AREA			DISTANCE	YARDAGE					
		EXCAVATION		FILL		EXCAVATION			TOTAL FILL		
		COMMON	ROCK			COMMON	ROCK	TOTAL			
	320	145		0	100			431		431	0
	321	88		0	100			365		365	0
	322	109		0	100			469		469	0
	323	144		0	100			559		559	0
	324	158		0	100			548		548	0
	325	138		0	100			448		448	0
	326	104		0	100			25		25	4
	321+89 P.E. RT.							25		25	4

SUB TOTAL - MILE _____
 SHEET TOTAL 2845 2845 4

DIVISION JOB NO. 5657



FINAL SURVEY PLANNING SHEET NO. 101

ORIGINAL SURVEY PLANNING SHEET NO. 8186

C.Y. STEP SLOPES	STATION	END AREA			DISTANCE	YARDAGE				
		EXCAVATION		FILL		EXCAVATION			TOTAL FILL	
		COMMON	ROCK			COMMON	ROCK	TOTAL		
	326 104			0						
	+50 76			0	50			167		167 0
	327 12			14	6.50 F25			81		81 6
	328 0			196	6.40 F100			9		9 389
	+40 0			243	40			0		0 326
	329 0			287	60			0		0 589
	330 0			373	100			0		0 1222
	327+13 P.E. LT.									5
	328+05 S.R. RT.									200

SUB TOTAL - MILE _____
SHEET TOTAL 257 2572737

