COUNTY AND HIGHWAY	ROUTE AND SECTION	CLASS AND AGREEMENT		FEDERAL DIVISION OFFICE	SHEET NUMBER	TOTAL SHEETS
		STATE	FEDERAL			
32.1	18.1	21.7		WIS. 4	1	18

INDEX OF SHEETS

SHEET NO. 1 TITLE
SHEET NO. 2 TYPICAL CROSS SECTIONS
SHEET NO. 2&21 ESTIMATE OF QUANTITIES & MISCELLANEOUS DETAILS
SHEET NO. 3 MISCELLANEOUS QUANTITIES
SHEET NO. — RIGHT OF WAY PLAT
SHEET NO. 4–7 PLAN AND PROFILE STA. 104+00 TO STA. 122+30
SHEET NO. 8–12 STANDARD DETAILS
SHEET NO. — DRAINAGE STRUCTURES
SHEET NO. 13–18 CROSS SECTIONS

STATE OF WISCONSIN

STATE HIGHWAY COMMISSION OF WISCONSIN

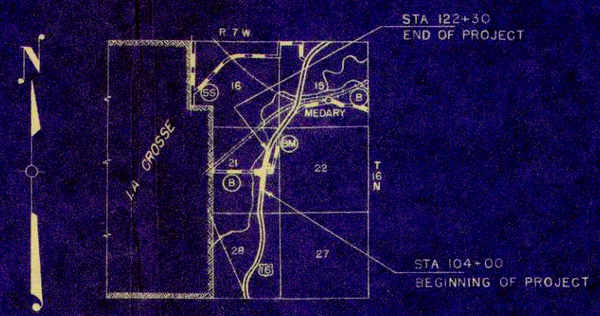
PLAN AND PROFILE OF PROPOSED

LA CROSSE – WEST SALEM

CHANNELIZATION JCT. C.T.H. "B"
LA CROSSE COUNTY
PROJECT T 018-1(7)
U.S.H. 16

BEGINNING AT A POINT APPROXIMATELY 300' E. & 400' N. OF THE CENTER OF THE S.E. 1/4 OF SEC. 21, T. 16 N. – R. 7 W. AND EXTENDING NORTHERLY ALONG U.S.H. 16 TO A POINT APPROXIMATELY 700' E. & 400' S. OF THE CENTER OF THE N.E. 1/4 OF SEC. 21, T. 16 N. – R. 7 W.

SCALES { PLAN 1 IN. = 20 FT.
PROFILE HOR. 1 IN. = 20 FT. VERT. 1 IN. = 2 FT.
CROSS SECTIONS HOR. 1 IN. = 10 FT. VERT. 1 IN. = 10 FT.



CONVENTIONAL SIGNS

SIE
CINE
1 OR RANGE LINE
S LINE
N OF WAY LINE
RIGHT OF WAY LINE
GE { WOVEN
BARBED
E OR CITY LIMITS
LINE — P.L. + 32.6
WAY OR P.E.
URVEY LINE — 30

CULVERTS IN PLACE
CULVERTS REQUIRED
DROP INLET
POWER POLE
TELEPHONE OR TELEGRAPH POLE
RIGHT OF WAY MARKERS
REFERENCE STAKE FOR HUBS ONLY — +81.7 / 33.8
MARSH
HEDGE
TREES
GROUND ELEVATION — DATUM LINE — 729.9
GRADE ELEVATION — DATUM LINE — 756.6

LAYOUT

SCALE — 1 MILE

TOTAL NET LENGTH OF CENTERLINE = 0.347 MI.

STATE HIGHWAY
COMMISSION OF WISCONSIN
MADISON, WISCONSIN

SURVEYOR W.H.T. NOTE BOOK 403P-8263
DISTRICT COMPUTER A.R.D. M. O. CHECKER
DISTRICT CHECKER R.G.J. CORRECT

CORRECT:
DATE 7-5-57 — DISTRICT ENGINEER

RECOMMENDED FOR APPROVAL:
DATE 7/9/57 — ENGINEER OF DESIGN

APPROVED:
DATE 7/9/57 — STATE HIGHWAY ENGINEER

DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS

APPROVED:
DATE
DISTRICT ENGINEER

T 018-1(7)

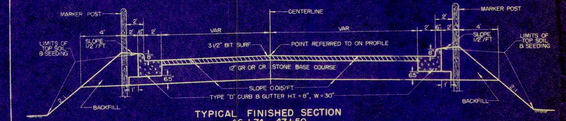
ESTIMATE OF QUANTITIES

CONTRACT NO. 1

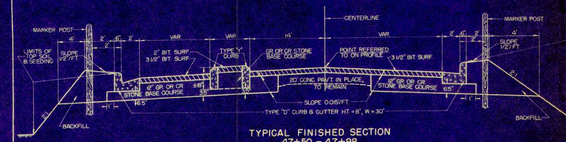
PROJECT	SHEET NUMBER	TOTAL SHEETS
T 018-1(7)	2	18

THIS PROJECT IS TO BE EXECUTED UNDER THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION OF THE STATE HIGHWAY COMMISSION OF WISCONSIN — EDITION OF 1957 & SPECIAL PROVISIONS AS ATTACHED TO PROPOSALS.

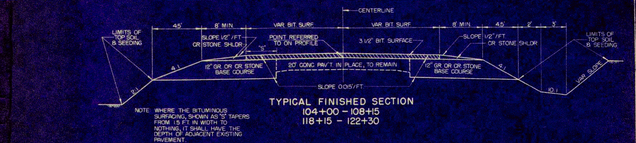
STATION TO STATION	NET LENGTH OF CENTER LINE	CLEARING	GRUBBING	EXCAVATION UNCLASSIFIED	EXCAVATION BORROW	GRANULAR BACK FILL	FINISHING ROADWAY	OBLITERATING OLD ROAD	GRAVEL OR CRUSHED STONE BASE COURSE		CULVERT PIPE CULV PIPE 24"	CULVERT PIPE CORR METAL CULV PIPE 60"			RIP-RAP	GUARD FENCE STEEL PLATE BEAM GUARD	GUARD FENCE MARKER POSTS	GUARD FENCE MARKER POSTS FOR R/W		CONC SURF DRAINS	PREP OF ROADBED FOR BIT SURF	BIT MAT FOR PRIME COAT	BIT CONC PAVEMENT	BIT MAT FOR SURF COURSE		CONC CURB TYPE "X"	CONC CURB TYPE "Y"	REMOVING PAVEMENT	REMOVING CURB	CONC. CURB & DUCT TYPE "B" & HEIGHT	CONC. MEDIAN			TOPSOIL SALVAGED	TOPSOIL FERTILIZER	SEEDING
ITEM NO.		210-1	210-	2106-5	2109-1	210 -	210-1	214-4	216-1	2203-1	23	24.11-1	24.11-2			252.2-1	252.3-3	252.5	252.5-5	252.5-4	230-10	230-1	231-1	237-1	237-2		252-1	252-2	210.5-1	210.5-3	252-11-1	S.P.			212.1	212.7	213.1
UNIT	LIN. FT			C.Y.	C.Y.	C.Y.	C.Y.	LUMP SUM	STA	C.Y.	C.Y.	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	C.Y.	LIN. FT.	EACH	EACH	EACH	C.Y.	STA.	GALS.	TON	TON		LIN. FT.	LIN. FT.	S.Y.	LIN. FT.	LIN. FT.	LIN. FT.			SQ. YD.	CWT.	SQ. YD.
104+00 - 122+30	1830			3450	6360		50	1		5250		218	44				66		25		17.4		2900	2350	148		412	168	20	30	590	676			6700		6700



TYPICAL FINISHED SECTION
46+74 - 47+50

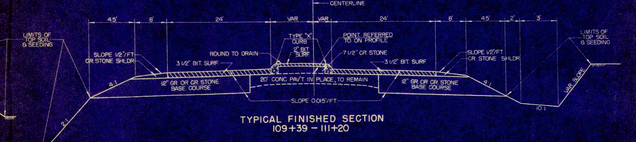


TYPICAL FINISHED SECTION
47+50 - 47+98

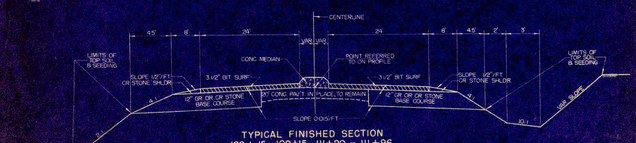


NOTE: WHERE THE BITUMINOUS SURFACING, SHOWN AS "S" TAPERS FROM 13 FT. IN WIDTH TO NOTHING, IT SHALL HAVE THE WIDTH OF ADJACENT EXISTING PAVEMENT.

TYPICAL FINISHED SECTION
104+00 - 108+15
118+15 - 122+30



TYPICAL FINISHED SECTION
108+15 - 109+15

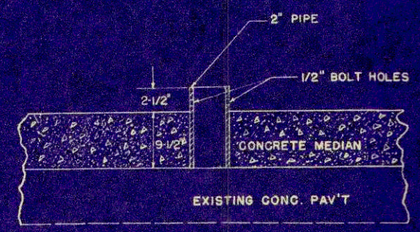


TYPICAL FINISHED SECTION
108+15 - 109+15, 111+20 - 111+96,
112+20 - 112+79, 113+50 - 114+75,
& 114+99 - 118+15

STANDARD DETAIL DRAWINGS

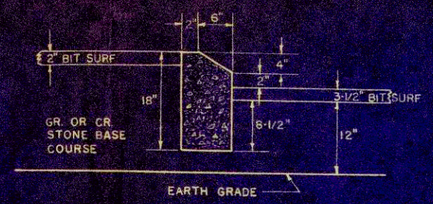
1-3.11 DETAILS OF PRIVATE ENTRANCE & SIDE ROAD APPROACHES.
3-1.14 CONCRETE CURB, GUTTER, COMBINATION CURB & GUTTER, SURFACE DRAIN.
7-3.3 MARKER POSTS & MARKER POSTS FOR RIGHT OF WAY.
7-2.42 STEEL PLATE BEAM GUARD & STEEL BEAM MEDIAN GUARD.
7-4.12 CONSTRUCTION BARRICADE.

PROJECT	SHEET NUMBER	TOTAL SHEETS
T 018-1(7)	2.1	18

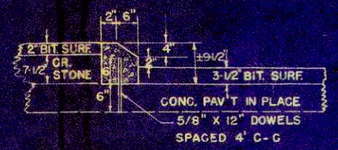


DETAIL OF SIGN SOCKETS

NOTE: 17 SIGN SOCKETS REQUIRED AS LOCATED ON THE PLANS (NOT A PAY ITEM)



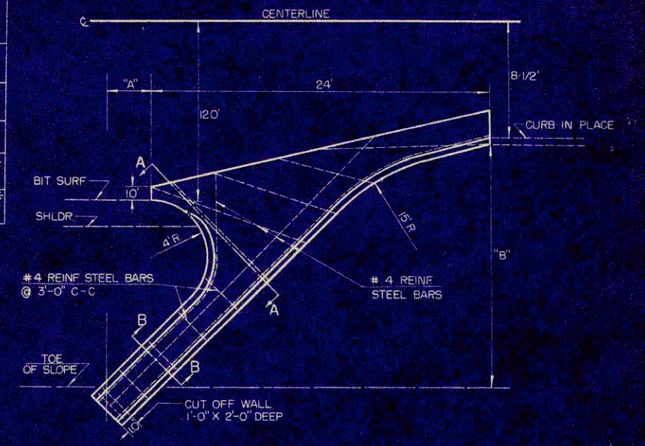
DETAIL TYPE "Y" CONCRETE CURB



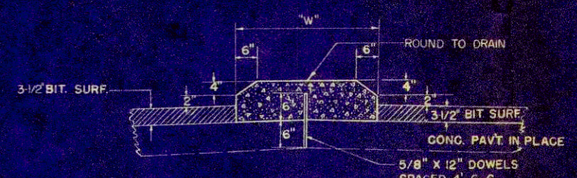
DETAIL TYPE "X" CONCRETE CURB

		STA 49+12.5 LT.	STA 49+12.5 RT.
DIMENSION	"A"	4'	4'
	"B"	20'	20'
C.Y. CONC.		3.6	3.6
LBS. STEEL		98 *	98 *
C.Y. EXCAV.		6 *	6 *

* NOT A BID ITEM



CONCRETE SURFACE DRAINS
SEE APPLICABLE DETAIL DRAWINGS 3-1.1.4 FOR SECTION A-A & B-B
(FIT TO FIELD CONDITIONS)



DETAIL OF CONCRETE MEDIAN

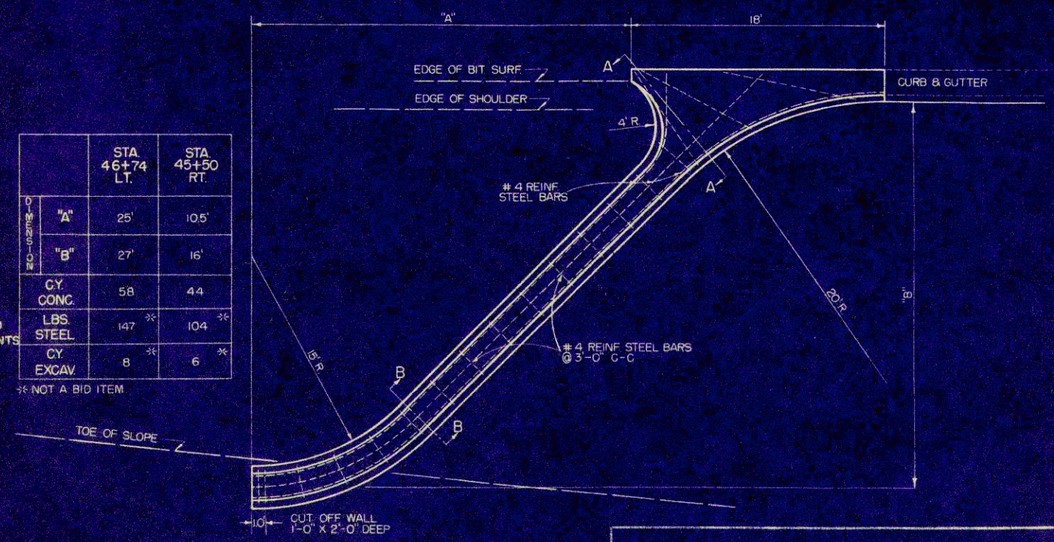
NOTE: JOINTS IN TYPE "X" CURB AND CONCRETE MEDIAN TO BE PLACED OPPOSITE JOINTS IN EXISTING CONCRETE PAVEMENT.

CONCRETE MEDIAN

STA TO STA	"W"
STA 108+15 TO 109+15	VAR 4' TO 7'
STA 111+20 TO 111+96	VAR 7' TO 4'
STA 112+20 TO 112+79	4'
STA 113+50 TO 114+75	4'
STA 114+99 118+15	4'

		STA 46+74 LT.	STA 45+50 RT.
DIMENSION	"A"	25'	10.5'
	"B"	27'	16'
C.Y. CONC.		58	44
LBS. STEEL		147 *	104 *
C.Y. EXCAV.		8 *	6 *

* NOT A BID ITEM



CONCRETE SURFACE DRAINS
SEE APPLICABLE DETAIL DRAWINGS 3-1.1.4 FOR SECTION A-A & B-B
(FIT TO FIELD CONDITIONS)

MISCELLANEOUS DETAILS

DETAIL SUMMARY OF MISCELLANEOUS QUANTITIES

REMOVING LIP CURB

Sta. - Sta.	Location	Lin.Ft.
48+60 - 48+75	Rt. & Lt.	30

~~REMOVE GUARD RAIL~~

~~Sta. - Sta.~~	~~Location~~	~~Lin.Ft.~~
~~43+75 - 48+10~~	~~Lt.~~	~~490~~
~~43+75 - 48+10~~	~~Rt.~~	~~470~~

STEEL PLATE BEAM GUARD

Sta. - Sta.	Loc.	Lin.Ft.	Form
112+48 - 112+75	Rt.	27	Straight
112+75 - 49+06	Rt.	39	Rolled to 50' Radius

CONCRETE CURB & GUTTER, TYPE "D", H=8", W=30"

Sta. - Sta.	Location	Lin.Ft.
112+22-45+50	SW Radius & Gillette St., Rt.	268
45+50-114+45	Gillette St. Lt. & NW Radius	322

REMOVE CONCRETE PAVEMENT

Station	Location	Sq.Yds.
48+78	Drain, Rt. & Lt.	16
49+12	Rt. & Lt.	4

MARKER POSTS FOR SHOULDER DELINEATION

Sta. - Sta.	Location	Spacing	No.
43+75 - 46+75	Lt.	50' C-C	7
46+75 - 114+55	Lt.-NW Radius	50' C-C	5
43+75 - 47+15	Rt.	50' C-C	8
47+15 - 112+25	SW Radius	50' C-C	3

SPECIAL CURB, TYPE "X"

Sta. - Sta.	Location	Lin.Ft.
109+38 - 111+20	Median	372
47+80 - 47+94	Island, Right	22
47+83 - 47+97	Island, Left	18

SPECIAL CURB, TYPE "Y"

Sta. - Sta.	Location	Lin.Ft.
47+78 - 47+94	Island, Right	32
47+50 - 47+97	Island, Left	136

GRANULAR BACKFILL ~~(BACK OF 8" CURB & GUTTER)~~

Sta. - Sta.	Location	Cu.Yds.
~~112+22-45+50~~	~~SW Radius & Gillette St., Rt.~~	~~75~~
~~45+50-114+45~~	~~Gillette St. Lt. & NW Radius~~	~~95~~
112+74	Pipe Backfill Lt. & Rt.	50

CULVERT PIPE

Station	P.E. Lt. & Rt.	24" Culv. Pipe	60" C.M.P.	Inlet Elev.	Disch. Elev.	Marker Posts	Remarks
105+15	P.E.	34'					
105+95	P.E.	24'					
106+24	P.E.	24'					
109+25	P.E.	34'					
112+06	P.E.	34'					
112+65	*		32'		650.5	1	* Box Culvert Inlet
112+83	*		12'	660.0		1	& Disch. Extension
114+87	P.E.	34'					
118+84	P.E.	34'					

BITUMINOUS CONCRETE PAVEMENT

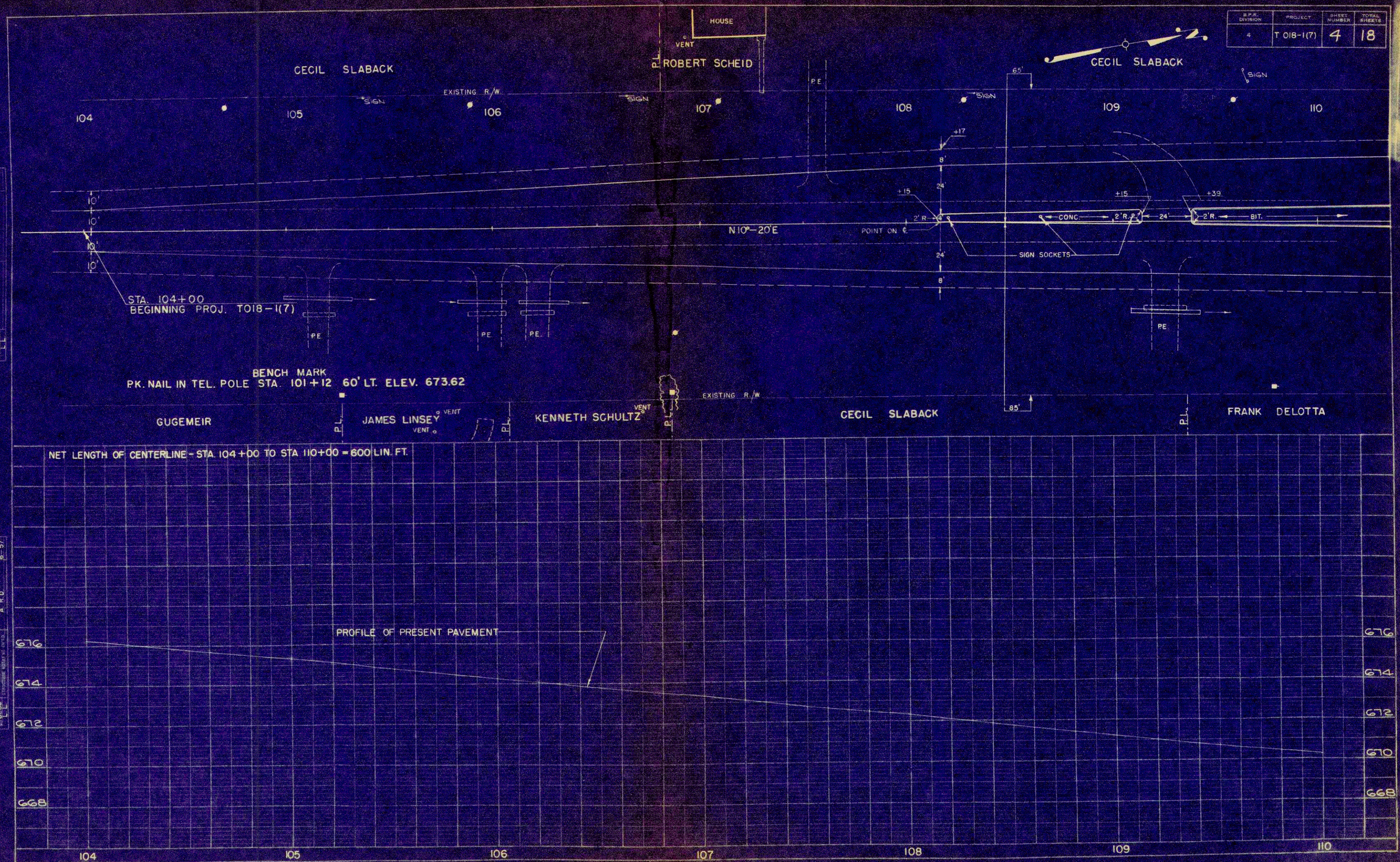
Sta. - Sta.	Thickness	Bitum. Concrete Tons	Bitum. Mat. for Surf. Cse. Tons	~~Preparation of Roadbed Sta.~~	Remarks
104+00 - 122+30	3.5"	2,076.8	130.7	~~18.3~~	Roadway
45+00 - 47+94	3.5"	240	15.2	~~3.7~~	Roadway
109+40 - 111+20	2"	22	1.4	-	Median Strip
47+78 - 47+94	2"	1.5	0.1	-	Island, Rt.
47+50 - 47+98	2"	9.7	0.6	-	Island, Lt.

GRAVEL OR CRUSHED STONE BASE COURSE

Sta. - Sta.	Location	Thickness	Cu.Yds.
104+00 - 122+50	Centerline	12"	4,144
45+00 - 47+94	Centerline	12"	556
104+00 - 122+30	Private Entrances	-	180
104+00 - 122+30	Shoulders	-	293
45+00 - 45+50	Shoulders	-	6
109+39 - 111+20	Median	7.5"	50
47+78 - 47+94	Island, Rt.	7.5"	4
47+59 - 47+98	Island, Lt.	7.5"	17

PROJECT	SHEET NO.	TOTAL SHEETS
T 018-1(7)	3	18

B.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	T 018-1(7)	4	18



B.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	T 018-1(7)	5	18

NET LENGTH OF CENTERLINE - STA. 110+00 TO STA. 116+00 = 600 LIN. FT.

STA. 112 + 76
BOX CULVERT EXTENSION LEFT AND RIGHT
32' - 60" C.M.P. REQ'D LT. - 12' - 60" C.M.P. REQ'D RT.

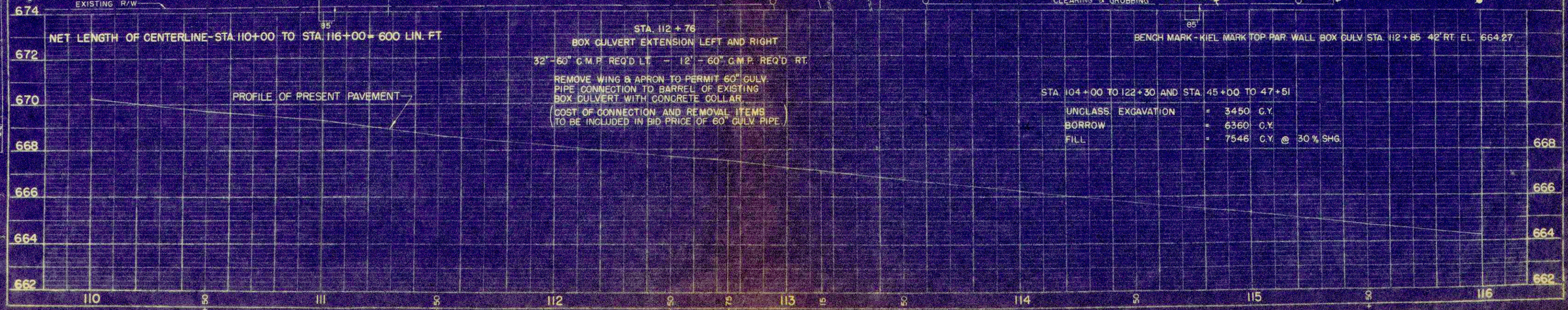
REMOVE WING & APRON TO PERMIT 60" CULV. PIPE CONNECTION TO BARREL OF EXISTING BOX CULVERT WITH CONCRETE COLLAR.

(COST OF CONNECTION AND REMOVAL ITEMS TO BE INCLUDED IN BID PRICE OF 60" CULV. PIPE)

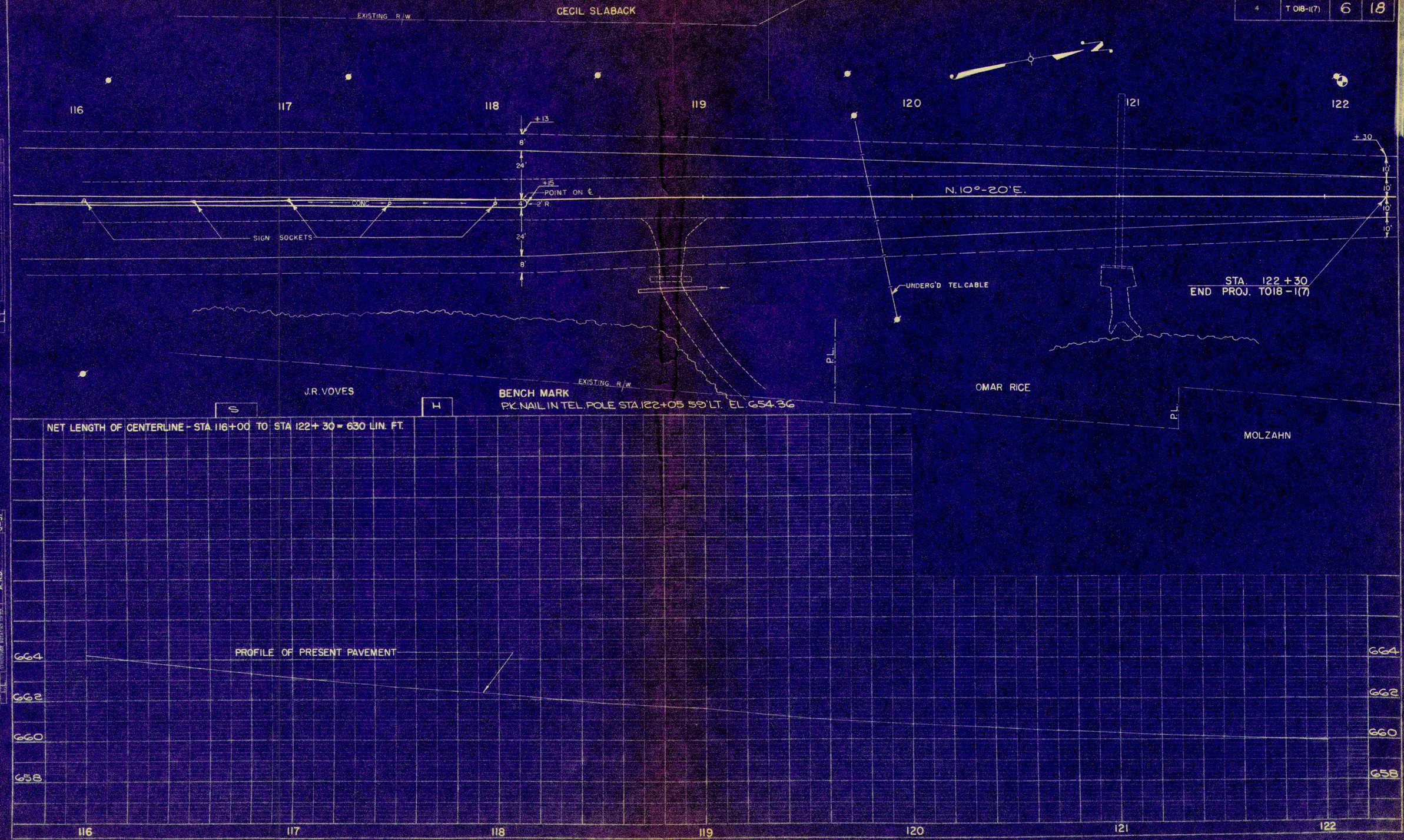
BENCH MARK - KIEL MARK TOP PAR. WALL BOX CULV. STA. 112 + 85 42' RT. EL. 664.27

STA. 104 + 00 TO 122 + 30 AND STA. 45 + 00 TO 47 + 51

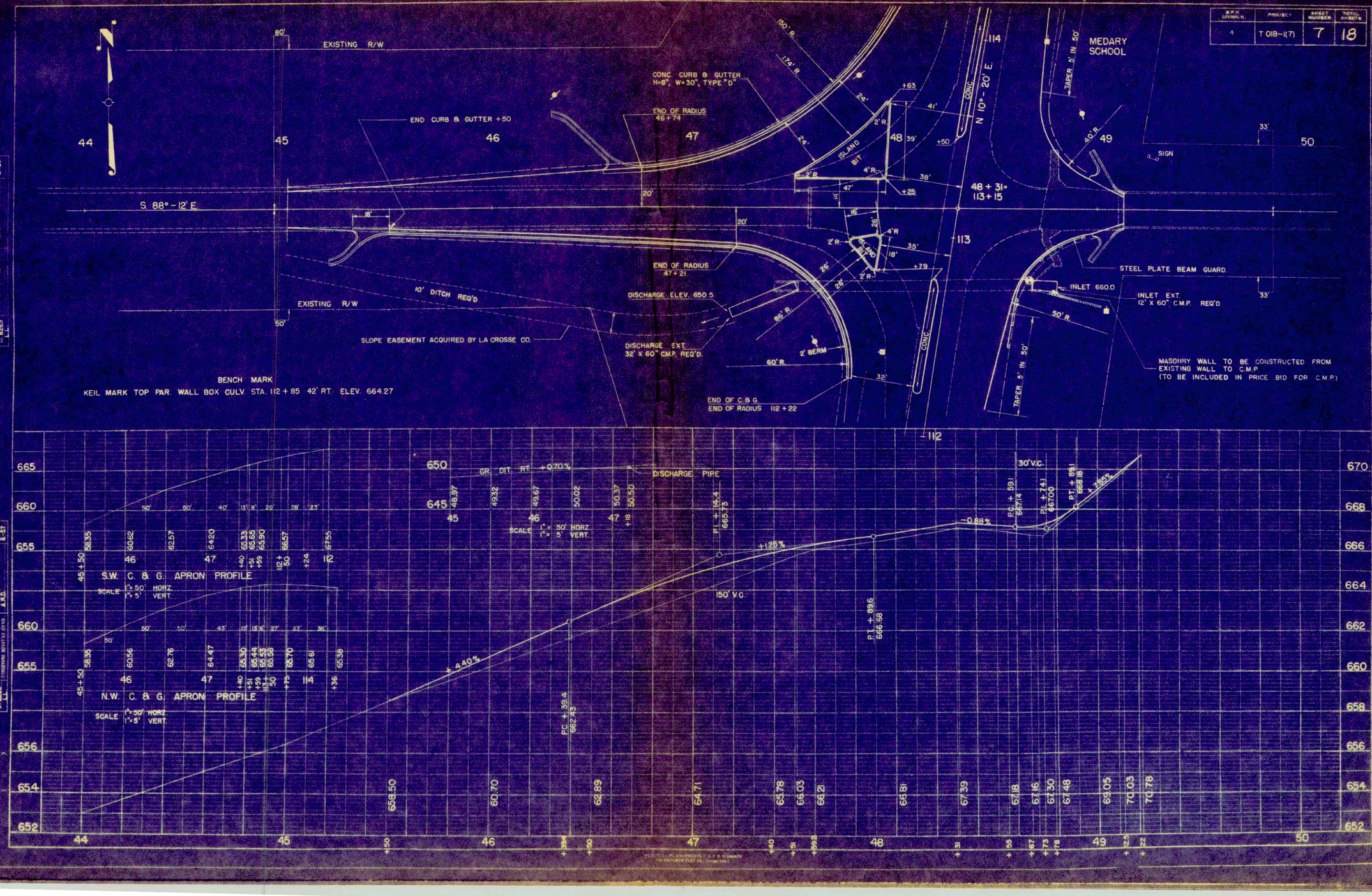
UNCLASS. EXCAVATION	=	3450 C.Y.
BORROW	=	6360 C.Y.
FILL	=	7546 C.Y. @ 30 % SHG.



B.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	T 018-1(7)	6	18



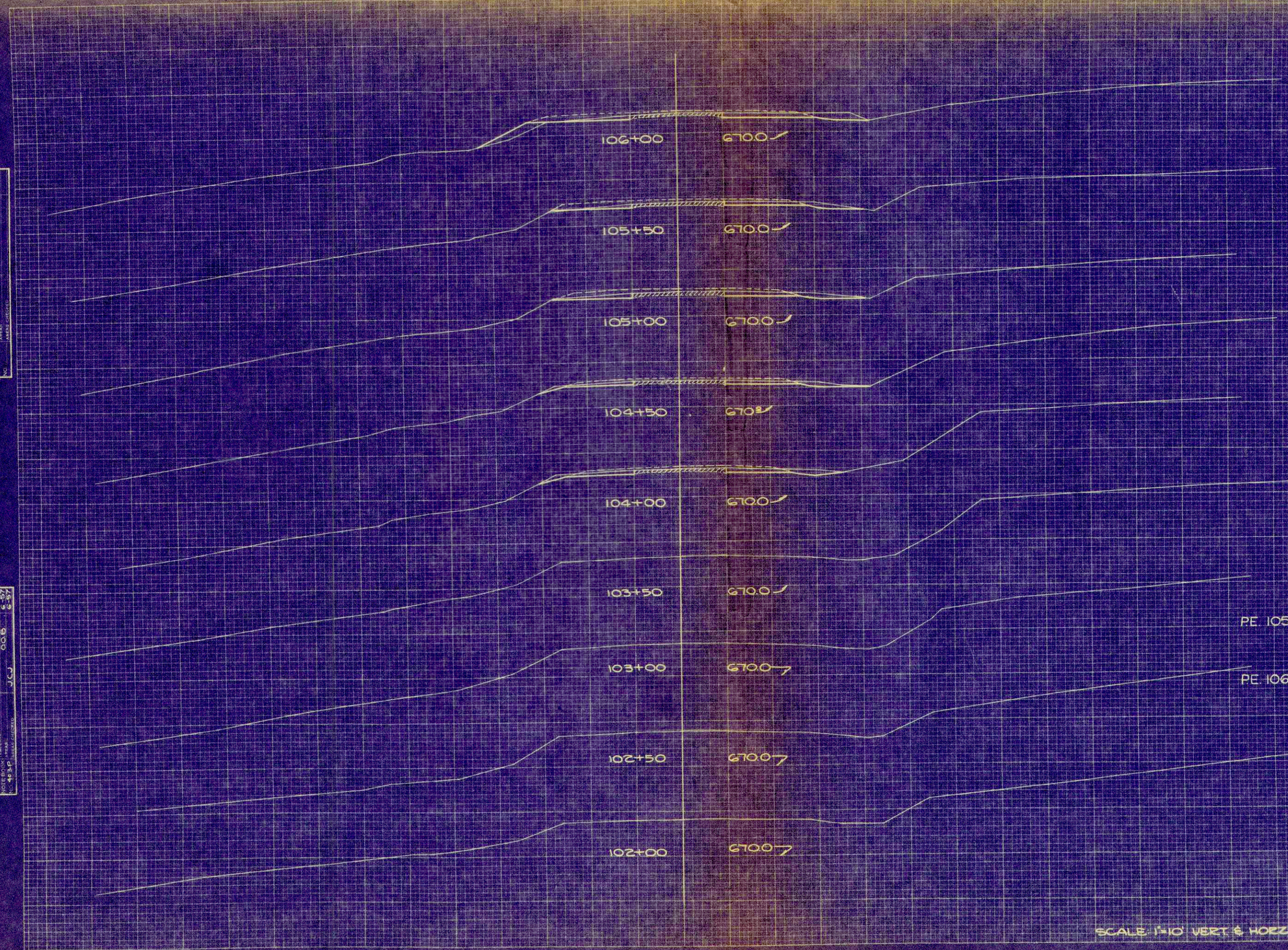
B.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	T 018-1(7)	7	18



PLAN	SURVEYED	PLOTTED	TRACED	CHECKED	W.H.T.	C.O.B.	C.D.B.	A.H.D.
	4-57	5-57	6-57	6-57	6-57	6-57	6-57	6-57

PROFILE	SURVEYED	PLOTTED	TRACED	CHECKED	W.H.T.	C.O.B.	C.D.B.	A.H.D.
	4-57	5-57	6-57	6-57	6-57	6-57	6-57	6-57

S.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	T018-1(7)	13	18



STATION	DISTANCE	YARDAGE EXCAVATION UNCLASS.					FILL
102							
+50							
103							
+50		0					
104		33					
+50		61					
105		65					0
+50		65					1
106		65					11
+50		74					31
							40
							40
SHEET TOTAL		363					123

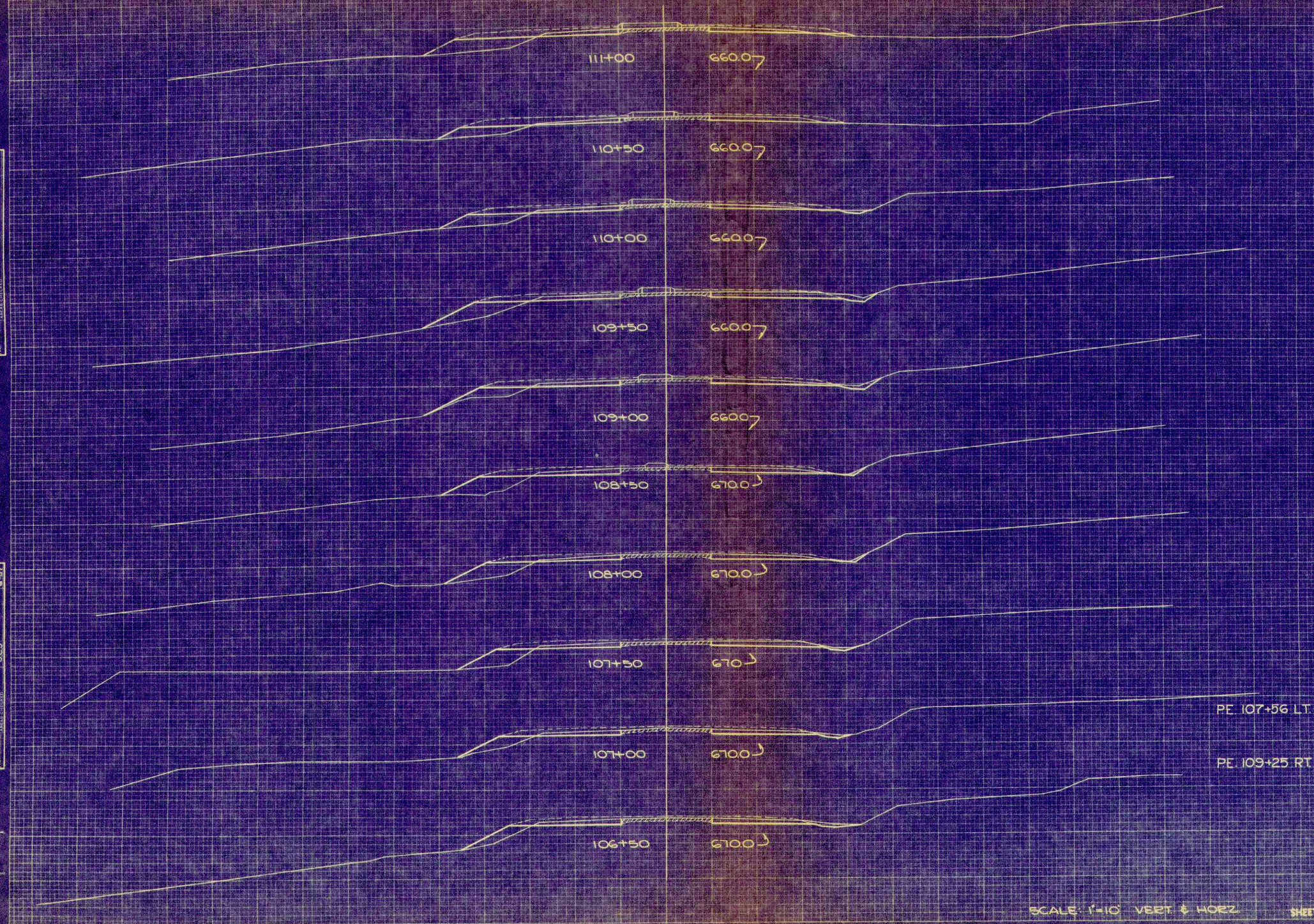
SCALE 1"=10' VERT. & HORZ.

FINAL SURVEY — DATE — BY — NOTE BOOK — PAGE — PLOTTED — TRACED — AREAS CHECKED

ORIGINAL SURVEY — SURVEYED — PLOTTED — TRACED — AREAS CHECKED — NOTE BOOK — PAGE — 4S2P — WHT — ARD — JCJ — 005 — 4-25-57 — 4-25-57 — 4-25-57 — 4-25-57

PLATE & CROSS SECTION C. P. R. & N. E. STANDARD
THE FREDERICK POST CO. CHICAGO

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	T018-(7)	14	18



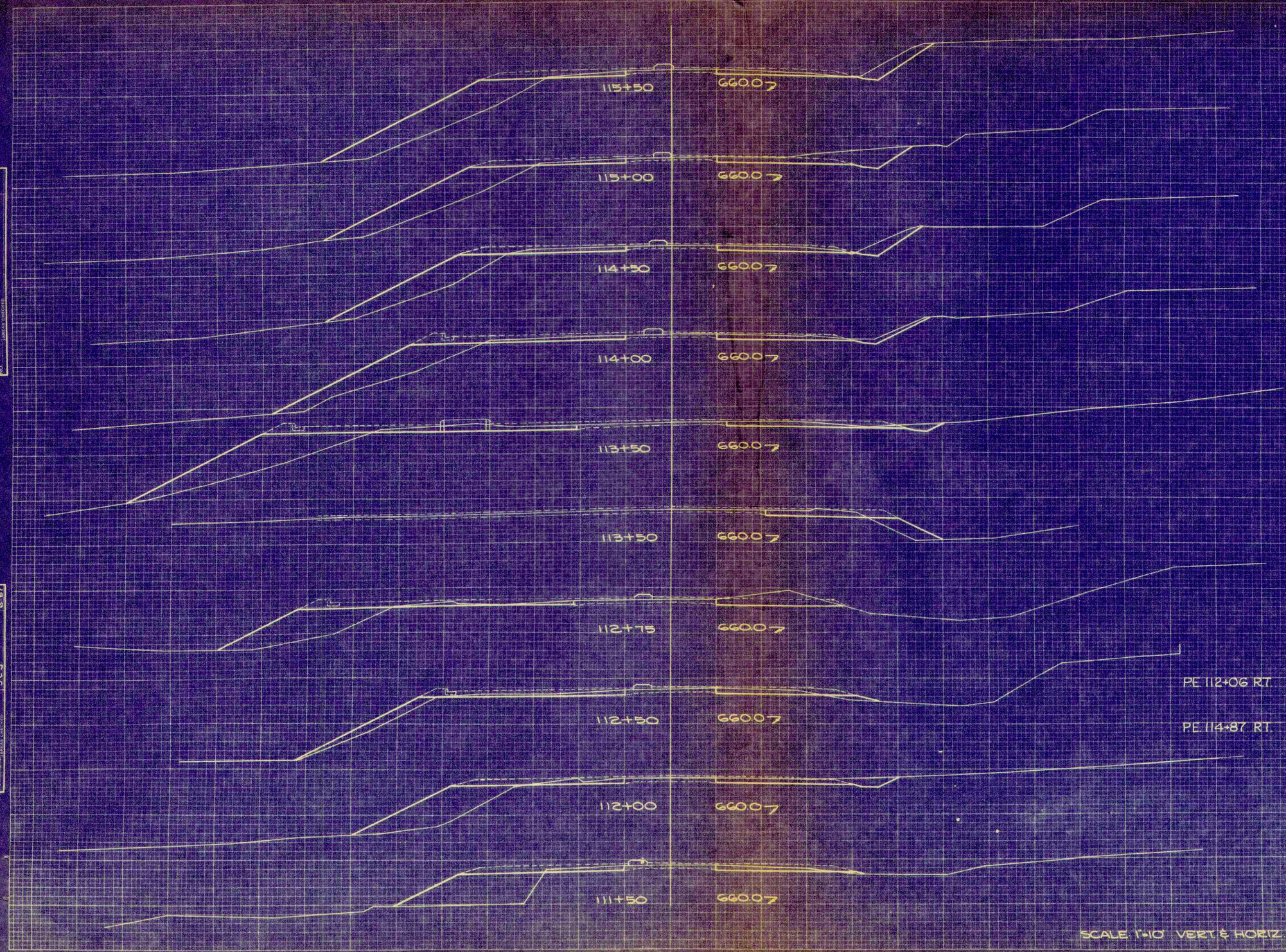
STATION	DISTANCE	YARDAGE EXCAVATION UNCLASS.				YARDAGE FILL
+50						
		70				46
107						
		70				56
+50						
		70				72
108						
		65				83
+50						
		78				72
109						
		103				69
+50						
		83				74
110						
		52				65
+50						
		52				85
111						
		61				208
+50						
						60
						40
SHEET TOTAL		704				830

FINAL SURVEY		DATE
NOTE BOOK	REVISED	
NO.	PLOTTED	
	PROFILE	
	CROSS SECTIONS	

ORIGINAL SURVEY		BY	DATE
NOTE BOOK	REVISED	WHT	4-5-57
NO. 469-B	PLOTTED	RS	6-5-57
	PROFILE	APD	6-5-57
	CROSS SECTIONS	JCJ	6-5-57

PLATE 3-CROSS SECTION B.P.R. & A.B.C. STANDARD
THE FREDERICK POST CO., CHICAGO

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	T-018-1(7)	15	18



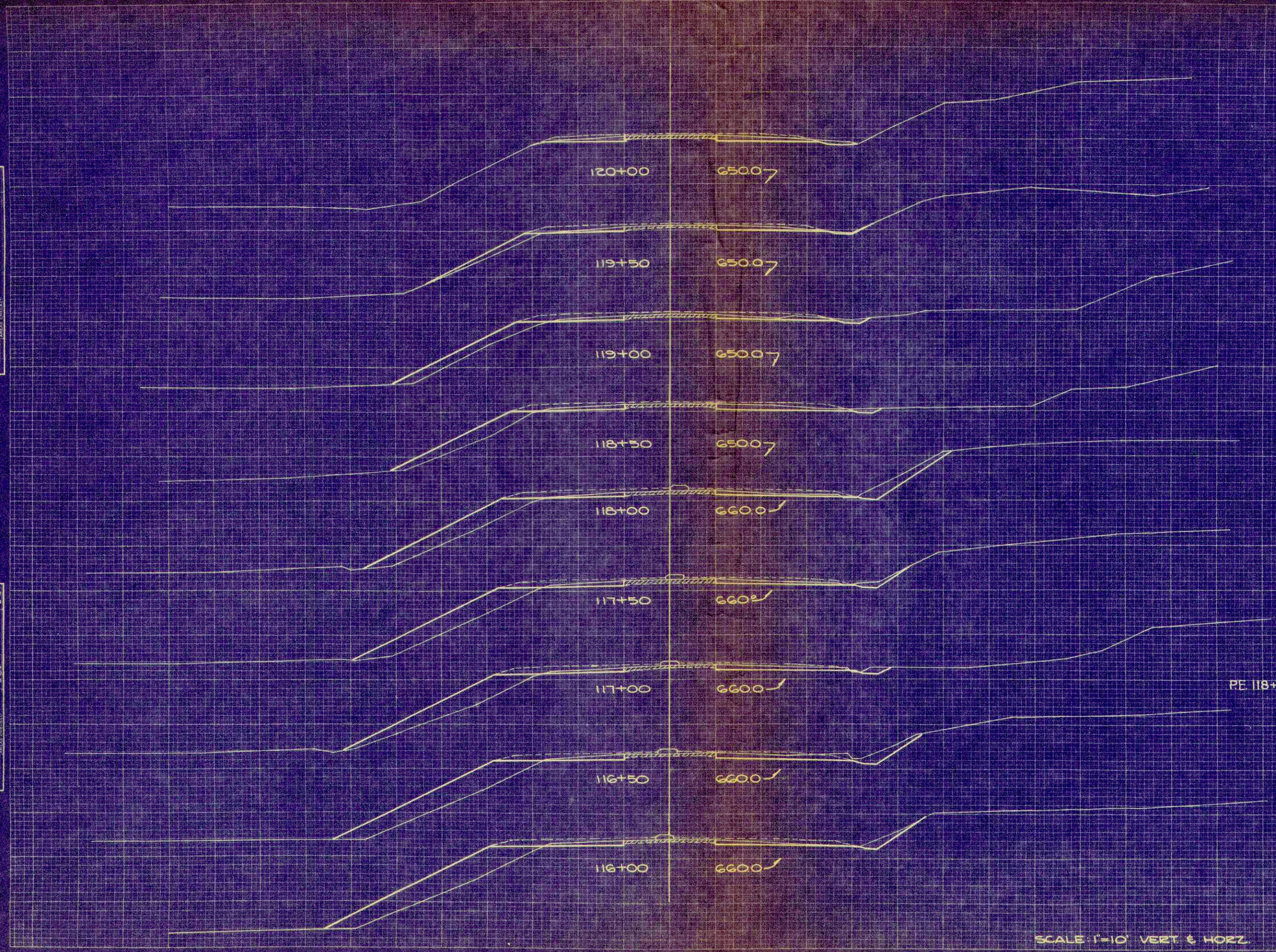
STATION	DISTANCE	YARDAGE EXCAVATION UNCL-ASS				YARDAGE FILL
+50						
112		98				283
+50		107				180
+75		59				54
113		52				44
+50		102				106
114		134				217
+50		126				277
115		157				296
+50		157				380
						40
						40
SHEET TOTAL		992				917

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

ORIGINAL SURVEY — NOTE BOOK NO. 6933 — SURVEYED W.H.T. — PLOTTED F.R.E.U.S. — CHECKED A.R.D. — BY O.C.B. — DATE 4-5-57 — 4-9-57 — 4-16-57 — 6-6-57 — DRAWN J.C.J.

PLATE 3-CROSS SECTION A.T.&.S.F. STANDARD
THE FREDERICK POST CO., CHICAGO

S.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	T018-1(7)	16	18



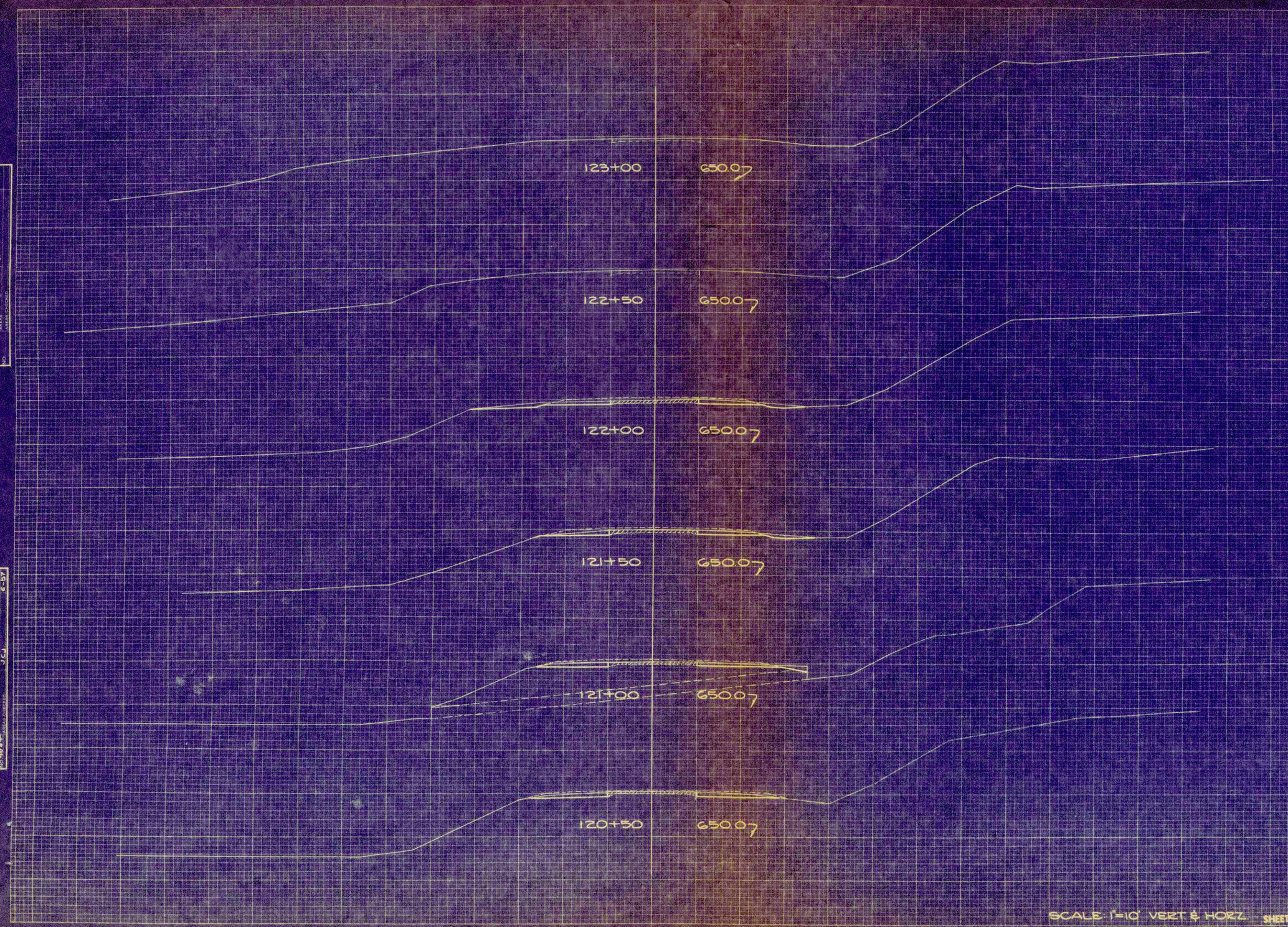
STATION	DISTANCE	YARDAGE EXCAVATION UNCLASS.					FILL
+50		107					389
116		102					337
+50		107					272
117		83					235
+50		98					231
118		103					185
+50		70					139
119		56					78
+50		65					19
120							
							40
SHEET TOTAL		791					1925

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

ORIGINAL SURVEY
SURVEYED W.H.T. 4-57
PLOTTED A.R.D. J.S. 1-RS 5-57
TEMPLATE J.C.J. 6-57
AREA 008 6-57
AREA CHECKED J.C.J. 6-57
NO. 4038P

PLATE # CROSS SECTION C. P. R. & N. & STANDARD
THE FREDERICK POST CO., CHICAGO

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	T018-1(7)	17	18



STATION	DISTANCE	YARDAGE EXCAVATION UNCLASS.				FILL
120						
+50		64				0
121		56				
+50		52				
122		56				
+30		33				0
SHEET TOTAL		261				0

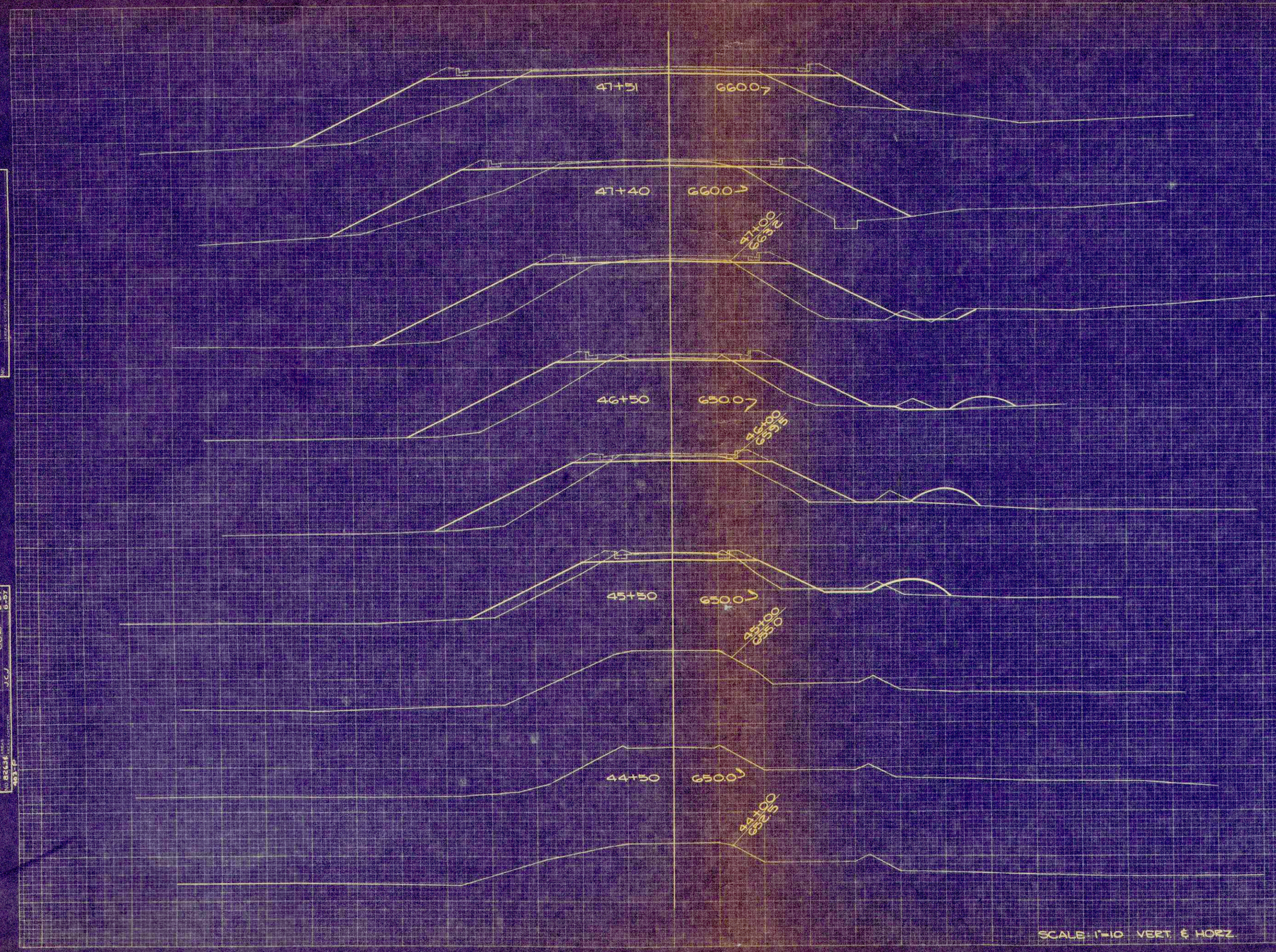
SCALE: 1"=10' VERT. & HORZ.

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

ORIGINAL SURVEY		BY	DATE
NOTE BOOK NO. 4032	SURVEYED	WHLT	4-5-57
	PLOTTED	JS & S	4-5-57
	TEMPLATE	A.E.D.	4-5-57
	AREAS	OOB	4-5-57
	AREAS CHECKED	J.C.J.	4-5-57

PLATE 3-CROSS SECTION C. P. R. & R. E. STANDARD
THE FREDRICK NEFF CO. CHICAGO

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	T018-1(7)	18	18



SCALE: 1"=10 VERT. & HORZ.

STATION	DISTANCE	YARDAGE EXCAVATION UNCLASS.				FILL
45						
+50		86				126
46		91				384
+50		56				584
47		41				746
+40		46				652
		19				159
SHEET TOTAL		339				2651

FINAL SURVEY
NOTE BOOK No.
COMPUTED
PLOTTED
COMPLETE
CHECKED
DATE COLLECTED

ORIGINAL SURVEY
NOTE BOOK No. 8263
COMPUTED WHT
PLOTTED RS, FJS 8-9-57
COMPLETE CGS 8-9-57
CHECKED ARD 8-9-57
DATE COLLECTED JCJ

PLATE 3 CROSS SECTION O. P. R. & R. R. STANDARD
THE FOSDICK PRINT CO., CHICAGO