

INDEX OF SHEETS

SHEET NO. 1	TITLE
SHEET NO. 2	TYPICAL CROSS SECTIONS
SHEET NO. 2	ESTIMATE OF QUANTITIES
SHEET NO. 2	MISCELLANEOUS QUANTITIES
SHEET NO. —	RIGHT OF WAY PLAT
SHEET NO. 3-8	PLAN AND PROFILE STA. 55+94 TO STA. 172+80
SHEET NO. 9	STANDARD DETAILS
SHEET NO. 10-12	DRAINAGE STRUCTURES
SHEET NO. 13-14	CROSS SECTIONS



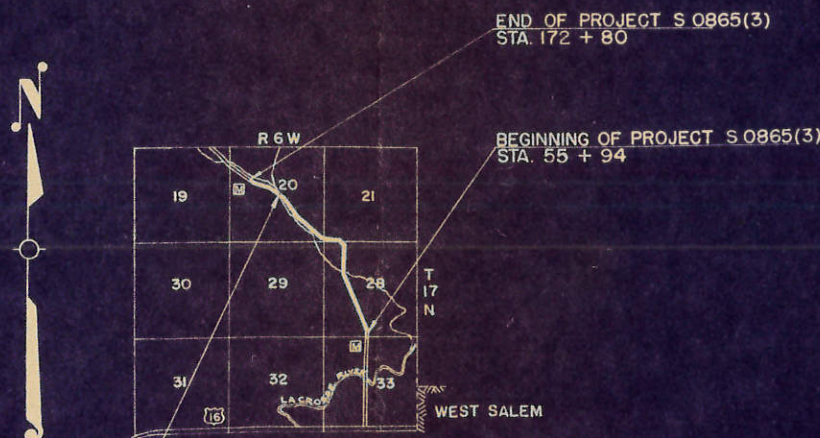
STATE OF WISCONSIN  
STATE HIGHWAY COMMISSION OF WISCONSIN

PLAN AND PROFILE OF PROPOSED  
WEST SALEM — HOLMEN ROAD

LA CROSSE COUNTY  
PROJECT S 0865 (3)  
C.T.H. "M"

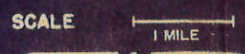
BEGINNING AT A POINT NEAR THE N1/4 CORNER OF SEC. 33, T17N, R6W AND  
EXTENDING NORTHWESTERLY ALONG C.T.H. "M" TO A POINT APPROXIMATELY 500 FT.  
SOUTH OF THE CENTER OF THE NW1/4 OF SEC. 20, T17N, R6W

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



EXCEPTION TO NET LENGTH  
STA. 152 + 58.76 — STA. 152 + 91.24  
PROJECT S 0865 (2)

LAYOUT



TOTAL NET LENGTH OF CENTERLINE = 2.206 MI.

COUNTY AND HIGHWAY	ROUTE AND SECTION	CLASS AND AGREEMENT		FEDERAL DIVISION OFFICE	SHEET NUMBER	TOTAL SHEETS
		STATE	FEDERAL			
32.6	865.0		11.3	WIS. 4	1	14

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	-----
{ BARBED	-----	MARSH	-----
LOT LINE	-----	HEDGE	-----
CORPORATE OR CITY LIMITS	-----	TREES	-----
PROPERTY LINE	-----		
TRAVELED WAY OR P.E.	-----		
RAILROADS	-----		
BASE OR SURVEY LINE	-----		

APPROVED FOR LA CROSSE COUNTY BY :-

4-2-57  
DATE  
*Robertson*  
COMMISSIONER

STATE HIGHWAY  
COMMISSION OF WISCONSIN  
MADISON, WIS.

SURVEYOR F.N.D. NOTE BOOK (15 B 117 LA CROSSE)  
DIVISION COMPUTER J.B.G. M.O. CHECKER  
DISTRICT CHECKER R.C.U. CORRECT

CORRECT:  
DATE 4-5-57 *V.L. Fiedler*  
DISTRICT ENGINEER

RECOMMENDED FOR APPROVAL:  
DATE 4-8-57 *J.P. [Signature]*  
ENGINEER OF DESIGN

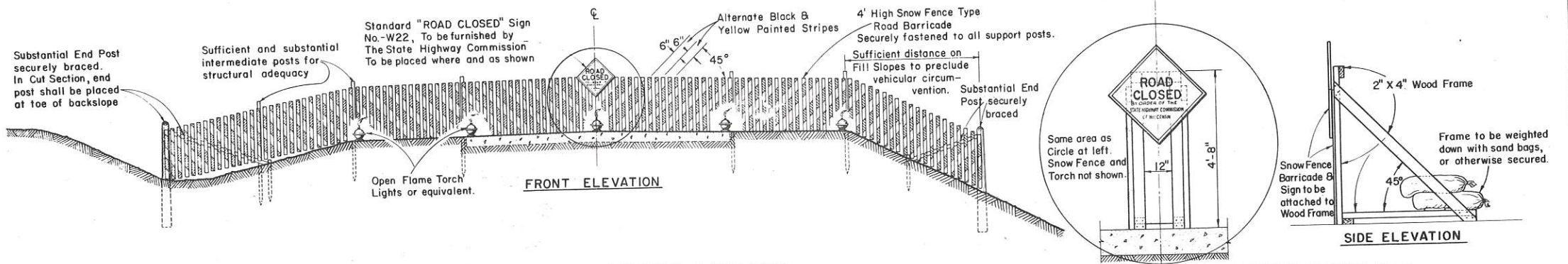
APPROVED:  
DATE 4/9/57 *E.C. Rustin*  
STATE HIGHWAY ENGINEER

DEPARTMENT OF COMMERCE  
BUREAU OF PUBLIC ROADS

APPROVED: [Blank] DATE

[Blank] DISTRICT ENGINEER

S 0865 (3)



**STANDARD ROAD CONSTRUCTION BARRICADE**  
**SNOW FENCE TYPE-"A"**

**WOOD FRAME SUPPORT AT  $\phi$**   
**FOR SNOWFENCE TYPE BARRICADE**  
**When Barricade is Erected on Rigid Type Surfacing**

**GENERAL NOTES**

The Contractor shall construct, place and maintain barricades as shown on this drawing and as required by the Standard Specifications Section 1107 for the duration of the project. Barricades shall be painted and structurally maintained for maximum visibility at all times.  
Provision shall be made in the construction of barricades to provide for ingress and egress for local access as may be required.

**ALTERNATE DESIGNS**

Contractors may submit to the Engineer for approval, designs for Barricades other than shown on this drawing, and upon the Engineer's approval may be used as alternates.

**MEASUREMENT & PAYMENT**

All Barricades, unless otherwise provided for in the Plans and/or Special Provisions shall be furnished, placed, and maintained as noted above, and no additional compensation will be allowed but shall be construed to be included in the price bid for other items.

<b>CONSTRUCTION BARRICADE</b>	
STATE HIGHWAY COMMISSION OF WISCONSIN	
RECOMMENDED FOR APPROVAL:	
6/2/55 DATE	<i>J. S. Pelt</i> ENGINEER OF DESIGN
APPROVED:	
6/2/55 DATE	<i>E. C. Ruttman</i> STATE HIGHWAY ENGINEER

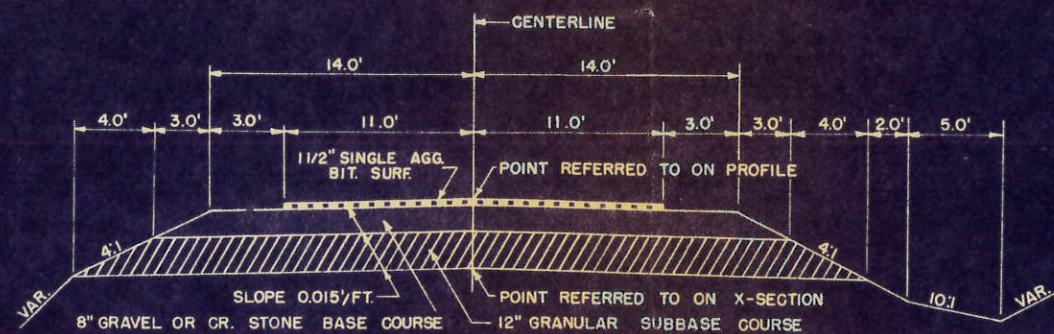
# ESTIMATE OF QUANTITIES

CONTRACT NO. 1283

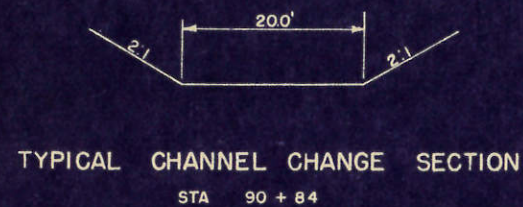
PROJECT	SHEET NUMBER	TOTAL SHEETS
S 0865 (3)	2	14

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, SUBMITTED FOR APPROVAL MAR. 28, 1957, FEDERAL AID REQUIRED CONTRACT PROVISIONS APPROVED JAN. 31, 1955, AND SPECIAL PROVISIONS AS ATTACHED TO PROPOSAL.

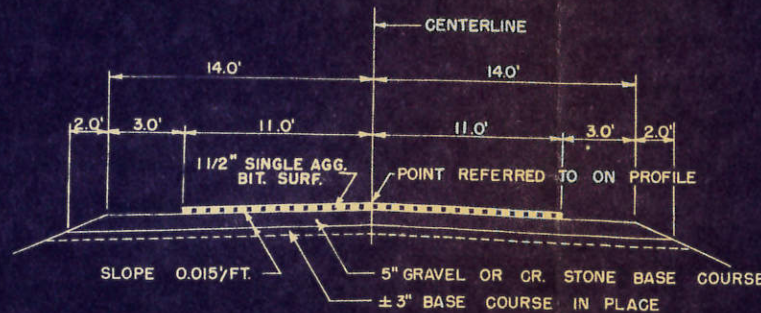
CONTRACT NO.	STATION TO STATION	NET LENGTH OF CENTER LINE	CLEARING GRUBBING		EXCAVATION			GRANULAR SUBBASE COURSE	FINISHING ROADWAY	REMOVE OLD BRIDGE STA 90+37.4	GRAVEL OR CRUSHED STONE		CULVERT PIPE					HEAVY RIP-RAP	GUARD FENCE		MARKER POSTS	BIT. MAT. FOR PRIME COAT	PREP OF ROADBED FOR BIT. SURF.	SINGLE AGG. BIT. SURF.	BIT. MAT. FOR SURFACE COURSE	TEMP ORARY CROSSING STA. 90+94	EXG. FOR BRIDGES	CONCRETE MASONRY BRIDGES GRADE "AA"	CONCRETE MASONRY BRIDGES GRADE "X"	BAR STEEL REINF. BRIDGES	STRUCTURAL CARBON STEEL	TREATED LUMBER AND TIMBER	TREATED TIMBER PILING DELIVERED	TREATED TIMBER PILING DRIVEN	CAST IN PLACE CONCRETE TEST PILING	CAST IN PLACE CONCRETE PILING DELVD	CAST IN PLACE CONCRETE PILING DRIVEN	RIP-RAP	TOPSOIL		FERTILIZER	SEEDING
			2101-1	2101-4	2106-5	210 -	210 -				2201-1	2114-1	2104-21	2203-1	2313-2	2512-2	2523-		2523-	2523-3																			2311-1	2310-1		
UNIT	LIN. FT.	STA	STA	C.Y.	C.Y.	C.Y.	S.Y.	L.S.	L.S.	C.Y.	C.Y.	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	C.Y.	LIN. FT.	EACH	GAL.	STA	TON	TON	LS.	C.Y.	C.Y.	C.Y.	LB.	LB.	MBM	LIN. FT.	LIN. FT.	LIN. FT.	L.S.	LIN. FT.	LIN. FT.	C.Y.	SQ. YD.	SQ. YD.	CWT.	SQ. YD.	
1	55+94 - 172+80	11647.6									7330																															
2	55+94 - 172+80	11647.6																			8000	119.5	2550	161																		
3	88+50 - 92+20	370.0	3	3	3860			1425	1	1							65								1	330	75.4	1.4	11,060	1300	4.31	490	295	1	525	340	80					



TYPICAL FINISHED SECTION  
STA. 88+50 - 92+20



TYPICAL CHANNEL CHANGE SECTION  
STA. 90+84



TYPICAL FINISHED SECTION  
STA. 55+94 - 88+50  
92+20 - 172+80

GRADING, EXCEPT BETWEEN STATIONS 88+50 & 92+20 IS NOT A PART OF THESE CONTRACTS

### CLEARING & GRUBBING

STATION TO STATION	STATIONS	CLEARING	GRUBBING
9+00 - 12+00		3	3

### GRANULAR SUBBASE COURSE

STATION TO STATION	LOCATION	SQ. YD.
88+50 - 92+20	6	1425

### FINISHING ROADWAY

STATION TO STATION	LOCATION	STA.
88+50 - 90+68	6	2.2
91+00 - 92+20	6	1.2

### GRAVEL OR CRUSHED STONE BASE COURSE

STATION TO STATION	LOCATION	CU. YD.
52+89 - 55+94	APPROACH	182
55+94 - 88+50	6	1948
88+50 - 92+20	6	333
92+20 - 172+80	6	4817
S.R. 71+43	RT.	25
S.R. 112+50	RT.	25

### BITUMINOUS SURFACE QUANTITIES

STA. TO STA.	PREP OF RD. BED FOR	BIT. MAT. FOR AGG.	SINGLE BIT. MAT. FOR SURF.	BIT. MAT. FOR SURF. CSE.
STA.	STA.	GAL.	TON	TON
52+89-55+94	APPROACH	3.0	210	65
55+94-172+80	6	116.5	7770	2478
71+43	SR. LT.	—	20	7

APPLICABLE STANDARD DETAIL DRAWINGS

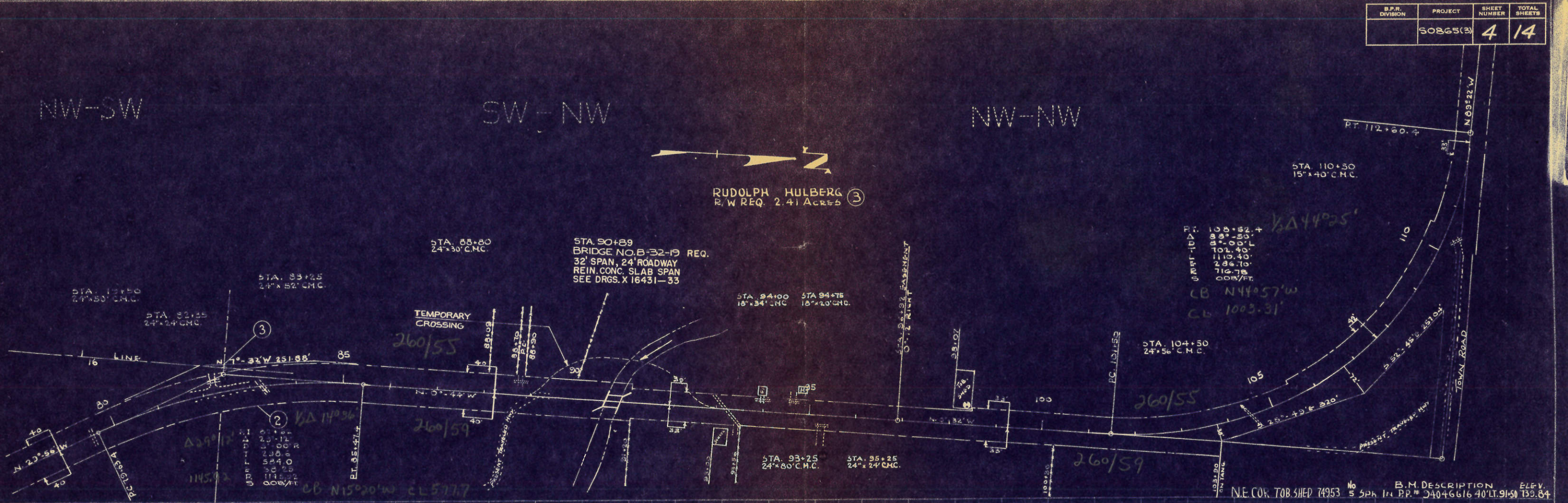
7-4.1.2 CONSTRUCTION BARRICADE

NW-SW

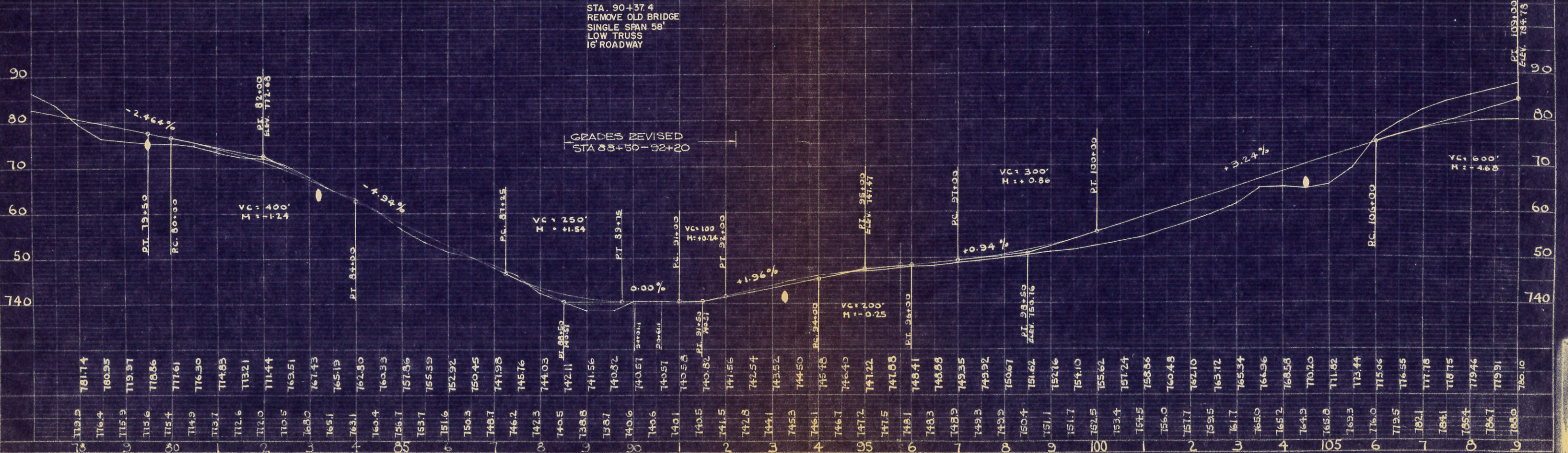
SW-NW

NW-NW

RUDOLPH HULBERG (3)  
R.W REQ. 2.41 ACRES

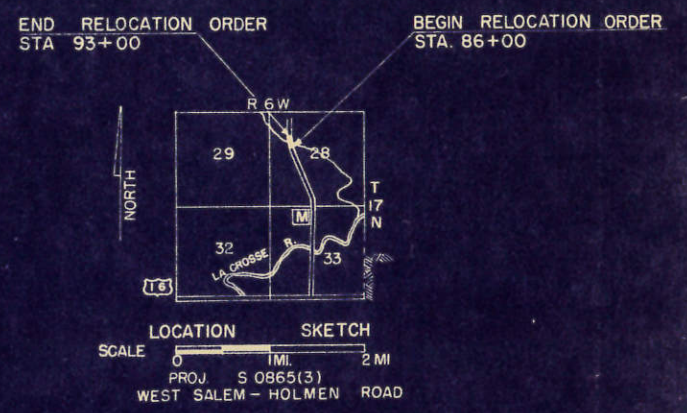
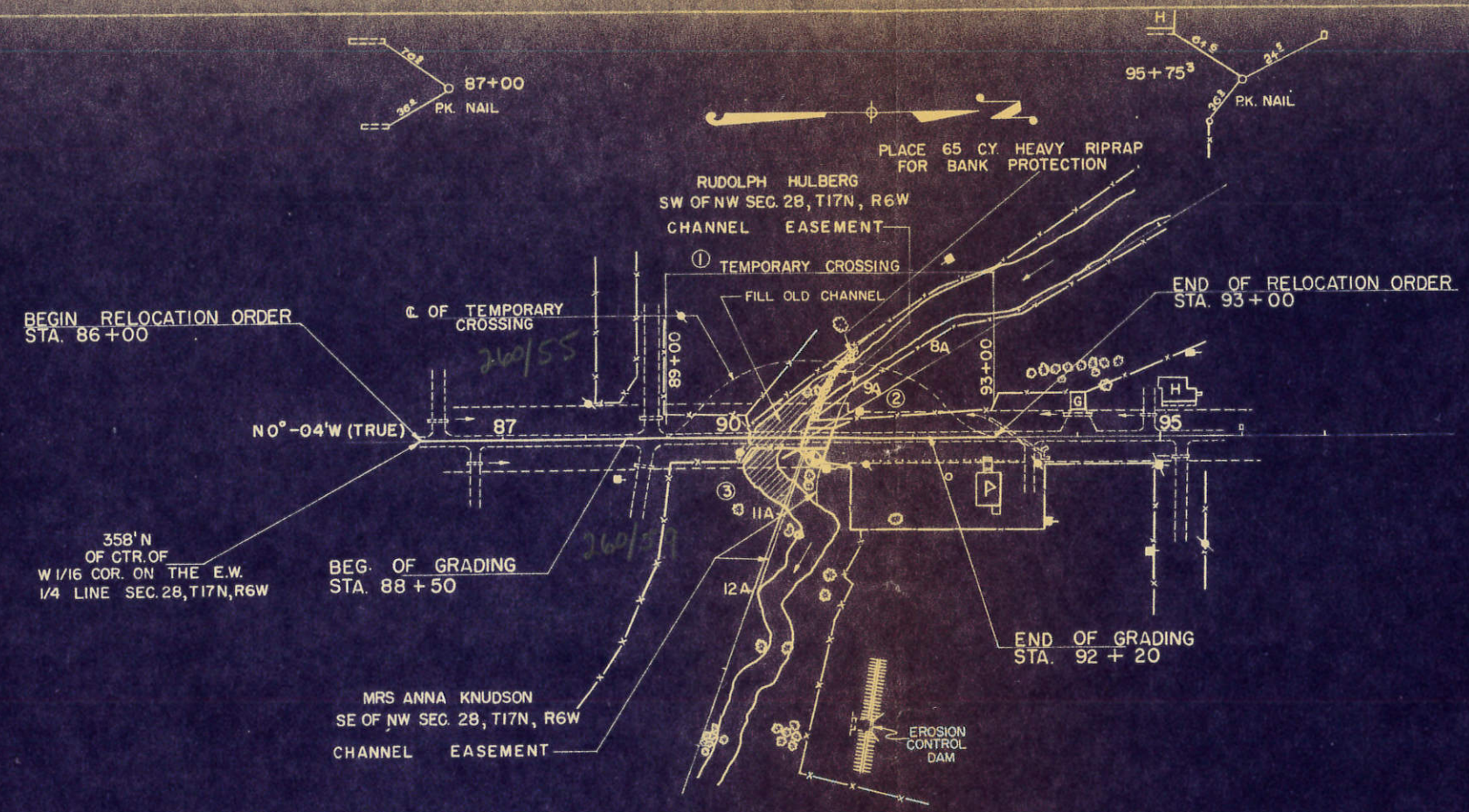


NET LENGTH OF CENTERLINE STA. 80+00 TO 108+00 = 2800 LIN. FT.



S.P.N. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	S0865 (3)	5	14

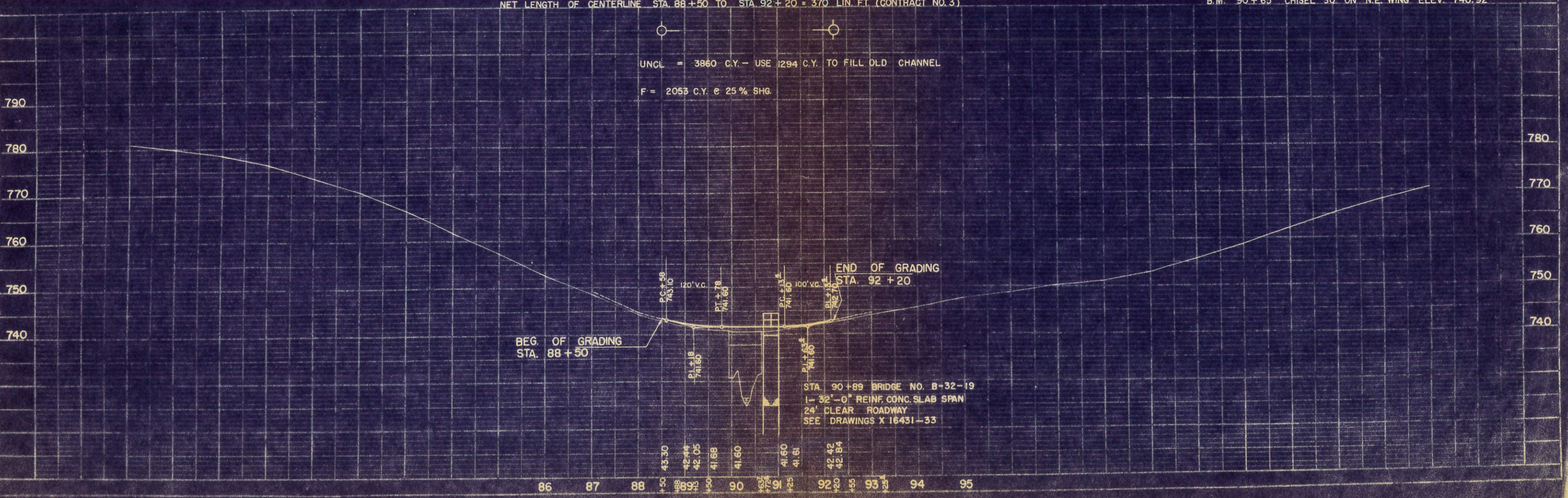
CODE 326 - 865.0 - 11.3



NET LENGTH OF CENTERLINE STA 88+50 TO STA 92+20 = 370 LIN. FT. (CONTRACT NO. 3)

B.M. 90+65 CHISEL SQ. ON N.E. WING ELEV. 740.92

UNCL = 3860 C.Y. - USE 1294 C.Y. TO FILL OLD CHANNEL  
 F = 2053 C.Y. @ 25% SHG.



BENCH MARK	
LOCATION	ELEV.
KIELMARK N.E. WING	741.90

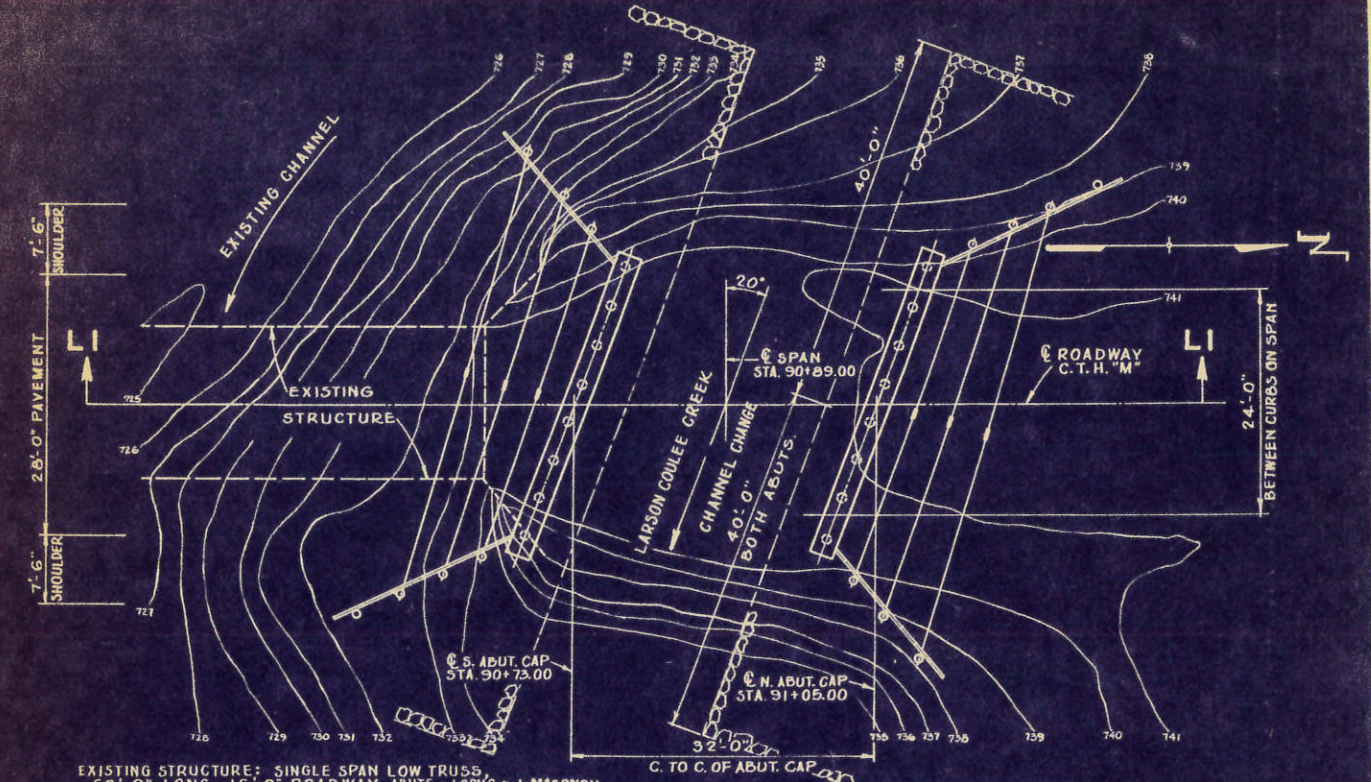
COUNTY & HIGHWAY	ROUTE & SECTION	CLASS & AGREEMENT	FEDERAL	B. E. R. DIVISION	PROJECT	SHEET NO.	TOTAL SHEETS
32.6	865.0	11.3	4	50865(3)	10	14	

**BILL OF BARS**  
DIMENSIONS IN BENDING DETAILS ARE OUT TO OUT.

SUPERSTRUCTURE 9,940*							
POUR	MARK	NO.	SIZE	LENGTH	SPACING	LOCATION	DETAIL
FLOOR & CURB	S1	17	4	32-6	1-6	FLOOR TOP LONG.	
	S2	16	4	28-0	2-0	" " TRANS.	
	S3	24	10	32-6	1-0	" " BOTTOM LONG.	
	S4	14	4	28-0	1-0	" " TRANS.	
	S5	25	5	28-0	2	" " "	
	S6	8	6	33-9	SHOWN	CURB TOP LONG.	
	S7	6	10	33-9	SHOWN	BOTTOM "	
	S8	6B	5	7-3	1-0	" " "	A
	S9	6B	4	2-0	1-0	" " "	B
	S10	20	5	2-9	SHOWN	" " POST VERT.	C
	S11	20	5	2-3	SHOWN	" " "	
POST & RAILING	S15	23	10	26-0	1-0	FLOOR BOTTOM LONG.	
	S16	6	4	4-0	SHOWN	CURB-(SYM ABOUT C DRAIN.)	
	S12	50	3	2-9	SHOWN	POST HOOP. (BEND IN FIELD)	
	S13	8	5	34-0	SHOWN	RAIL LONG.	
	S14	6B	2	2-6	1-0	" " HOOP. (BEND IN FIELD)	

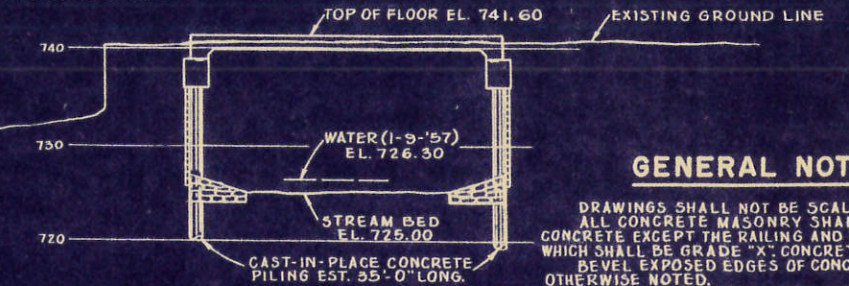
TREATED LUMBER & TIMBER			
NOMINAL SIZE	NO. OF PIECES	LENGTH	LOCATION
3"x6"	18	11-9	NAILERS BODY PILES
	2	20-6	CLEAT WING
	2	13-3	" "
	2	19-0	" "
	2	11-9	" "
	2B	34-6	BODY BACKING
	2	3-6	WING "
	2	7-0	" "
	2	10-6	" "
	2	14-0	" "
	2	17-6	" "
	2	21-0	" "
	2	2-3	" "
	2	4-6	" "
	2	6-9	" "
6"x8"	4	5-0	CLEAT AT ABUT. CAP
	4	11-9	" " BELOW "

ABUTMENTS 1,120*							
POUR	MARK	NO.	SIZE	LENGTH	SPACING	LOCATION	DETAIL
ONE POUR	A1	16	5	34-3	SHOWN	CAP TOP & BOTTOM	
	A2	8	4	34-3	SHOWN	" " SIDES	
	A3	42	4	10-3	SHOWN	" " HOOPS	D
	A4	16	4	1-6	SHOWN	" " HORIZ.	
	A5	8	4	9-0	SHOWN	" " VERT	E



EXISTING STRUCTURE: SINGLE SPAN LOW TRUSS, 50'-0" LONG, 16'-0" ROADWAY, ABUTS. 1-CONC. & 1-MASONRY.  
NEW STRUCTURE: REINFORCED CONCRETE SLAB SPAN 32'-0" LONG, 24'-0" ROADWAY. CAST-IN-PLACE CONCRETE PILING ABUTMENTS.

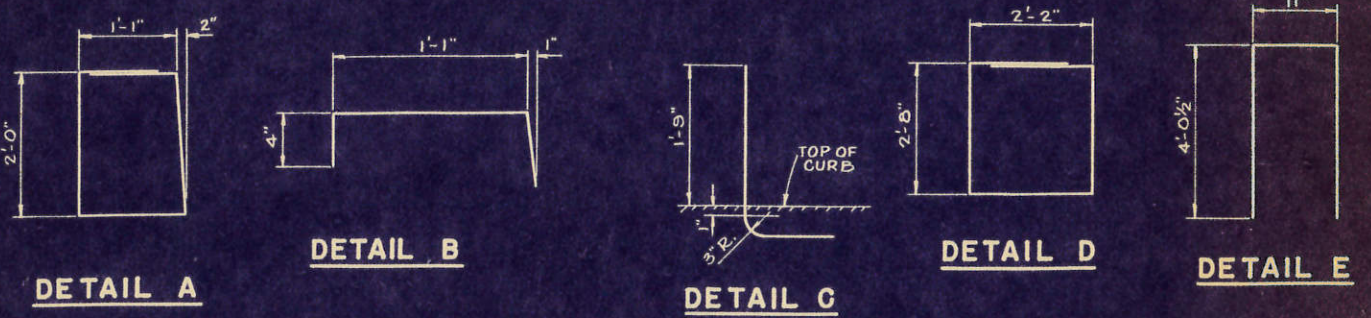
**PLAN**



**SECTION LI**

**GENERAL NOTES**

DRAWINGS SHALL NOT BE SCALED.  
ALL CONCRETE MASONRY SHALL BE GRADE "AA" CONCRETE EXCEPT THE RAILING AND RAILING POSTS, WHICH SHALL BE GRADE "X" CONCRETE.  
BEVEL EXPOSED EDGES OF CONCRETE 1" UNLESS OTHERWISE NOTED.  
BAR STEEL REINFORCEMENT SHALL BE IMBEDDED 2" CLEAR UNLESS OTHERWISE SHOWN OR NOTED.  
THE USE OF STRUCTURAL GRADE BAR STEEL REINFORCEMENT IS PROHIBITED.  
PILING FOR ABUT. WINGS SHALL BE TREATED TIMBER PILING, ESTIMATED 35'-0" LG. AND DRIVEN TO A MINIMUM BEARING VALUE OF 12 TONS PER PILE. PILING FOR ABUT. CAP SHALL BE CAST-IN-PLACE CONCRETE PILING ESTIMATED 35'-0" LG. DRIVEN TO A MINIMUM BEARING VALUE OF 20 TONS PER PILE AND A MINIMUM PENETRATION OF 15'-0" BELOW STREAM BED.  
THE FRONT FACES OF BOTH ABUTS. SHALL BE RIPRAPPED AS SHOWN IN "SECTION A1" ON DRAWING X16432. THE SLOPE OF THE FILL AROUND THE ENDS OF THE WINGS SHALL BE RIPRAPPED TO A MIN. THICKNESS OF 1'-0" TO THE LIMITS SHOWN ON "PLAN" ON THIS SHEET.

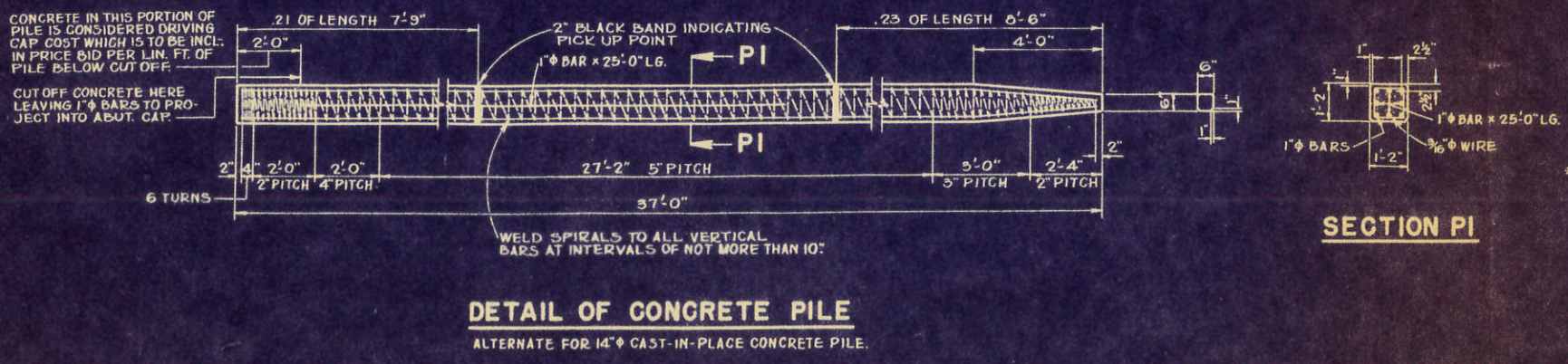


**TOTAL ESTIMATED QUANTITIES**

BID ITEMS	UNIT	SUPERSTRUCTURE	ABUTMENTS	TOTAL
EXCAVATION FOR STRUCTURES	C.Y.		330	330
CONCRETE MASONRY - GRADE "AA"	C.Y.	55.1	20.3	75.4
CONCRETE MASONRY - GRADE "X"	C.Y.	1.4		1.4
BAR STEEL REINFORCEMENT	L.B.	9,940	1,120	11,060
STRUCTURAL CARBON STEEL	L.B.	100	1,200	1,300
TREATED LUMBER AND TIMBER	M.B.M.		4.31	4.31
TREATED TIMBER PILING - DELIVERED	L.F.		490	490
TREATED TIMBER PILING - DRIVEN	L.F.		295	295
CAST-IN-PLACE CONCRETE TEST PILE (1@50)	LUMP SUM			1
CAST-IN-PLACE CONCRETE PILING - DEL.	L.F.		525	525
CAST-IN-PLACE CONCRETE PILING - DR.	L.F.		340	340
RIPRAP	C.Y.		80	80
NON-BID ITEMS				
EXPANSION JOINT FILLER	SIZE	1"		1"

**LIST OF DRAWINGS**

- 1. LAYOUT X16431
- 2. SUPERSTRUCTURE X16432
- 3. ABUTMENTS X16433



**DETAIL OF CONCRETE PILE**  
ALTERNATE FOR 14" CAST-IN-PLACE CONCRETE PILE.

**SECTION PI**

\* DRIVE AT LOCATION OF NORTH ABUTMENT.  
† THE DESIGN OF THIS STRUCTURE IS IN ACCORDANCE WITH THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, A. S. H. O., EDITION OF 1953.

STATE HIGHWAY COMMISSION OF WISCONSIN

**LAYOUT**

CS. LA GROSSE HAMILTON STA. 89.00

SECTION 28 TOWN 17 N RANGE 6 W

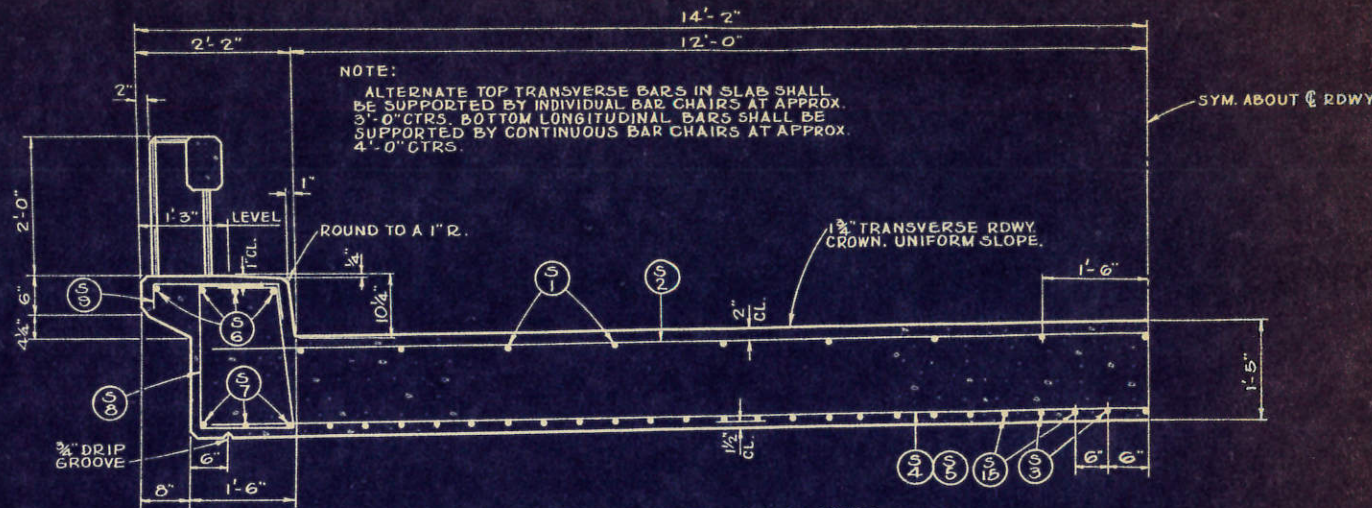
DATE 4-8-57 DRWN. Z.F.M. CRD. L.W.F. SPEC. 1957 LANE H. B.

CORRECT: *J. B. Schultz* BRIDGE ENGINEER

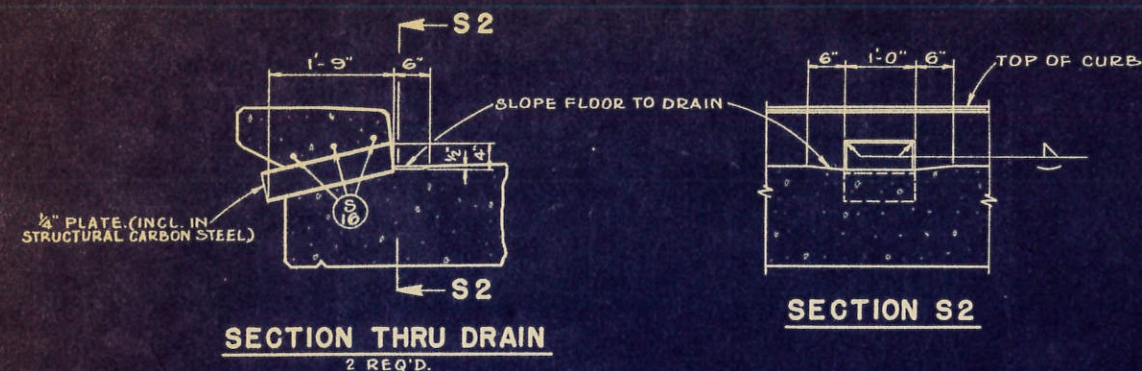
APPROVED: *E. C. Rostetter* STATE HIGHWAY ENGINEER

STRUCTURE B-32-19 SHEET 1 OF 3

**X16431**

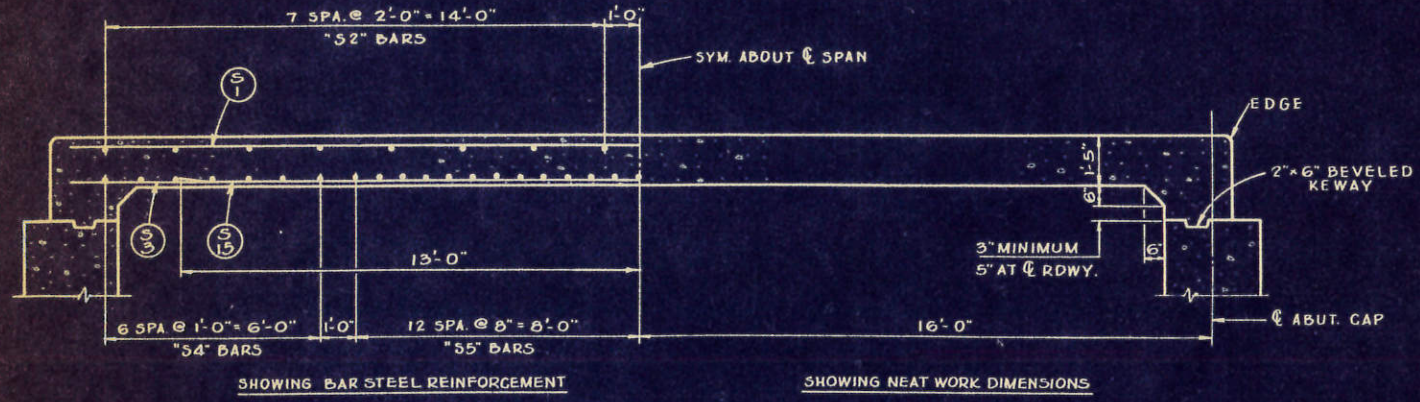


**HALF CROSS SECTION THRU ROADWAY**  
AT RT. Z'S TO RDWY.



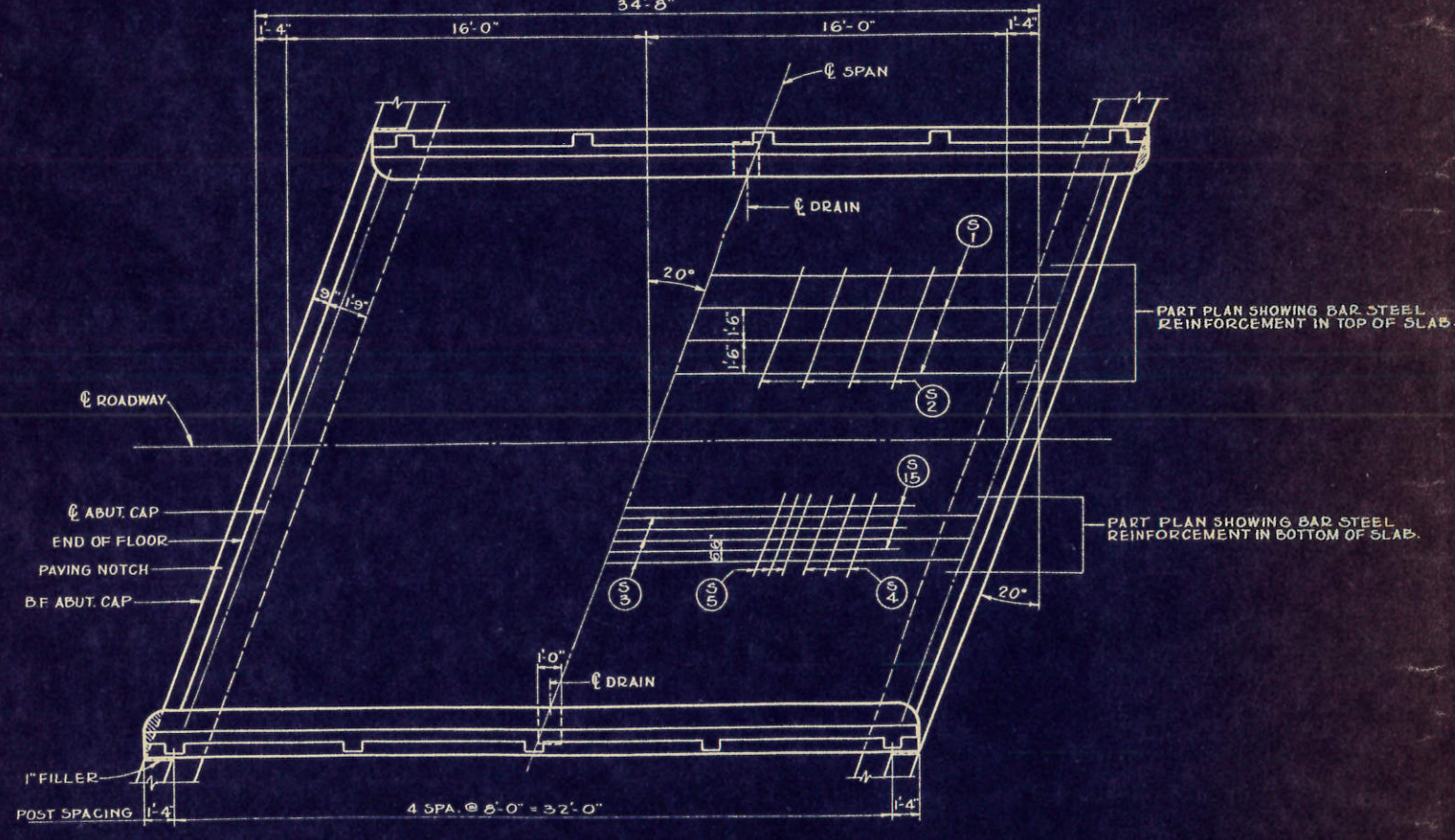
**SECTION THRU DRAIN**  
2 REQ'D.

**SECTION S2**

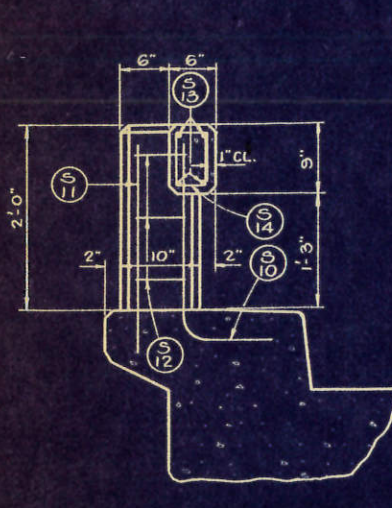


**LONGITUDINAL SECTION THRU FLOOR**

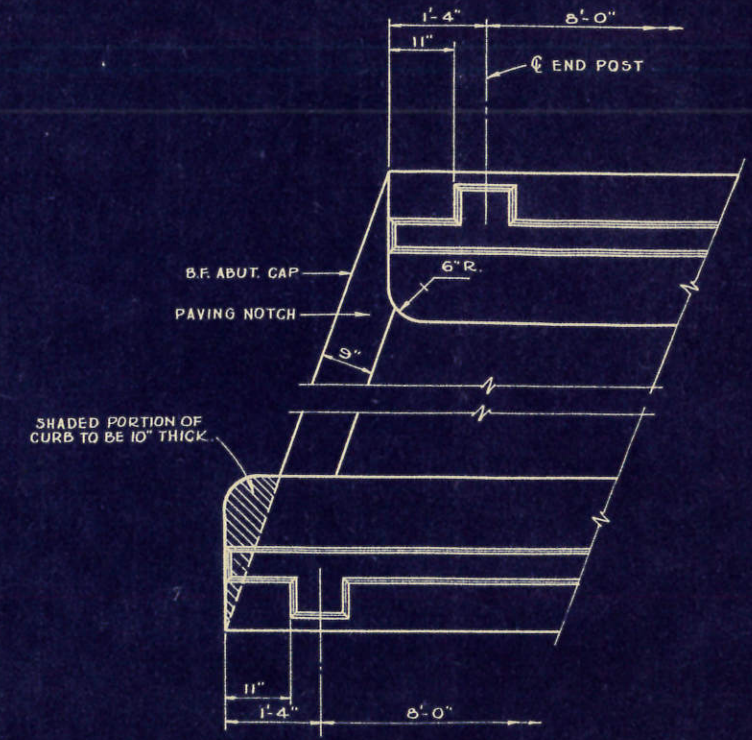
TO PROVIDE FOR DEAD LOAD DEFLECTION AND FUTURE PLASTIC FLOW, SPAN SHALL BE FORMED TO A  $\frac{1}{8}$ \"/>



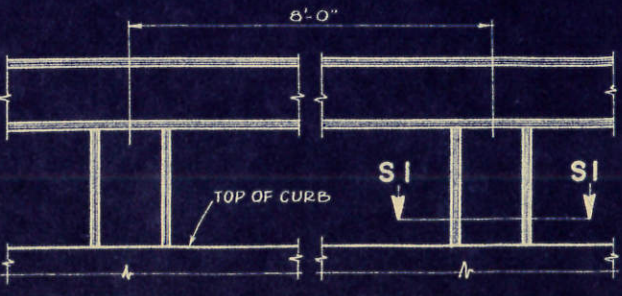
**PLAN**



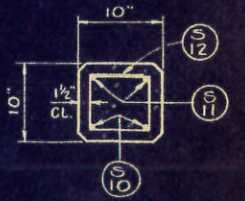
**SECTION THRU CURB**



**PART PLAN AT ABUTMENT**



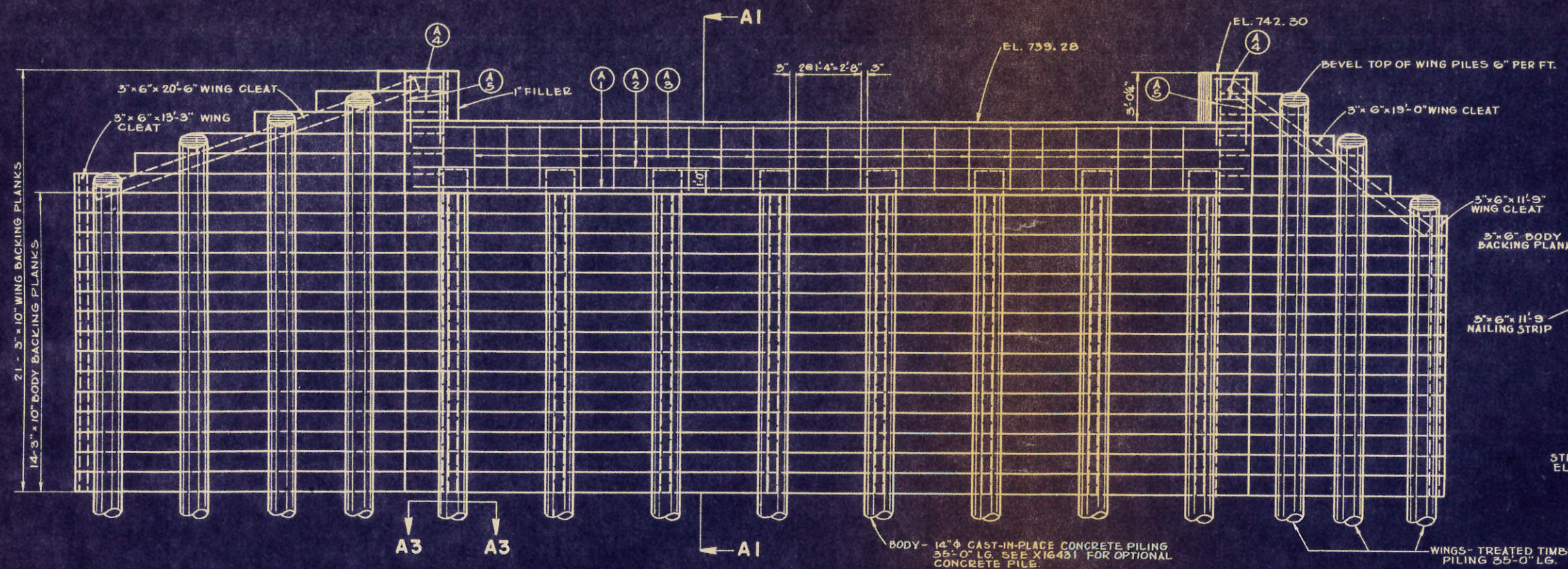
**PART ELEVATION OF RAILING**



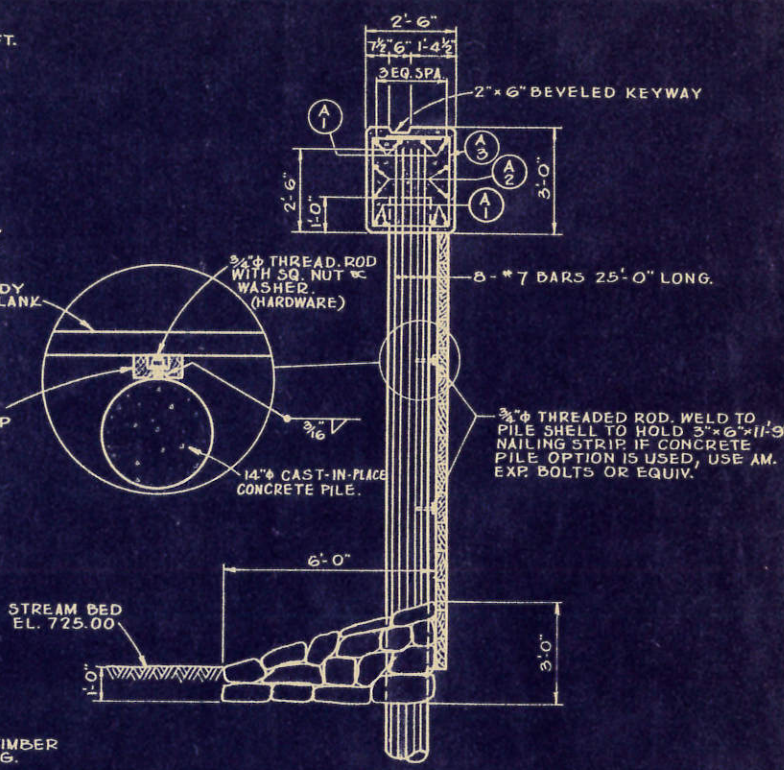
**SECTION S1**

STATE HIGHWAY COMMISSION OF WISCONSIN				
<b>SUPERSTRUCTURE</b>				
DATE 4-8-57	DRAWN T.T.M.	CHG L.W.F.	SPEC. 1957	LOAD H.13
STRUCTURE B-32-19			SHEET 2 OF 3	

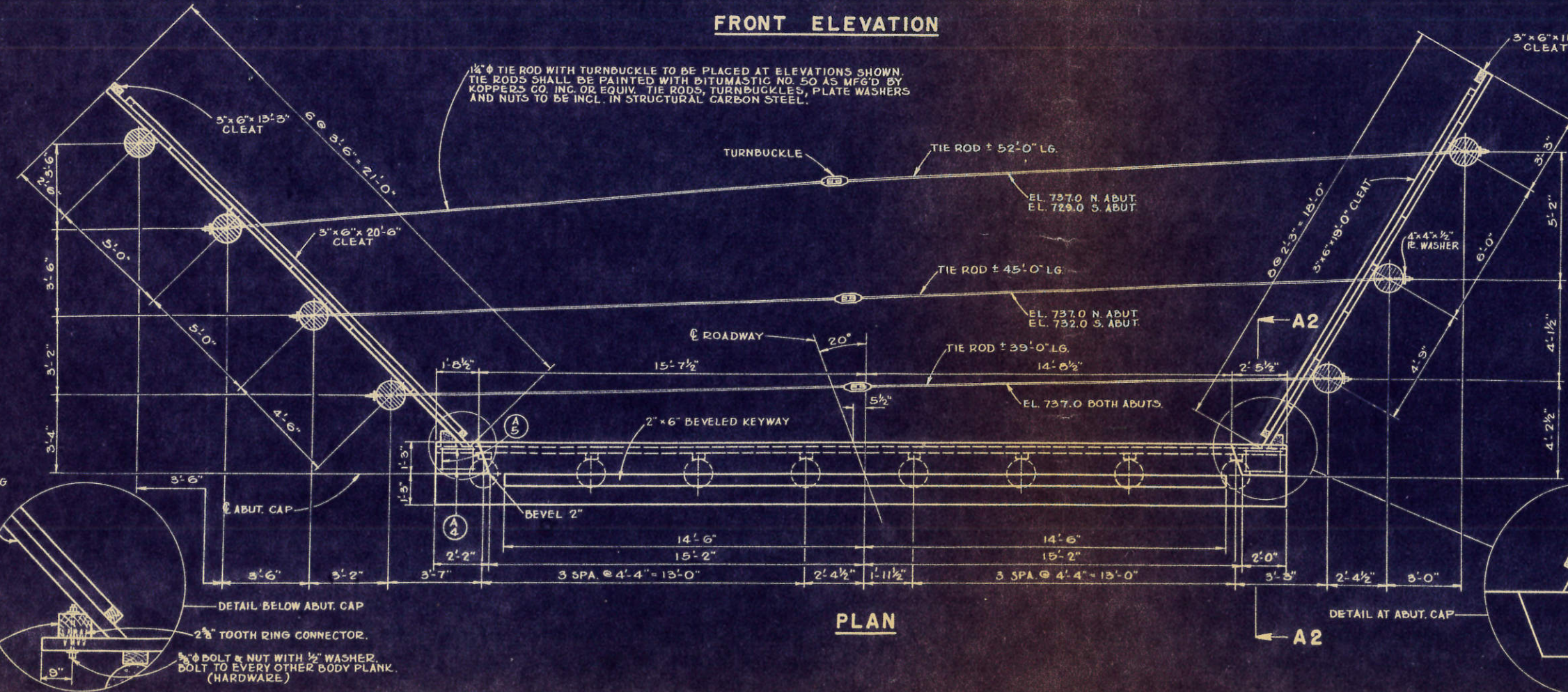
X16432



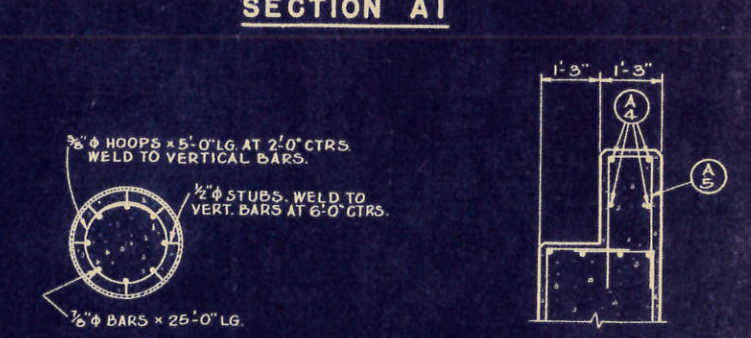
**FRONT ELEVATION**



**SECTION A1**



**PLAN**



**SECTION A3**

**SECTION A2**



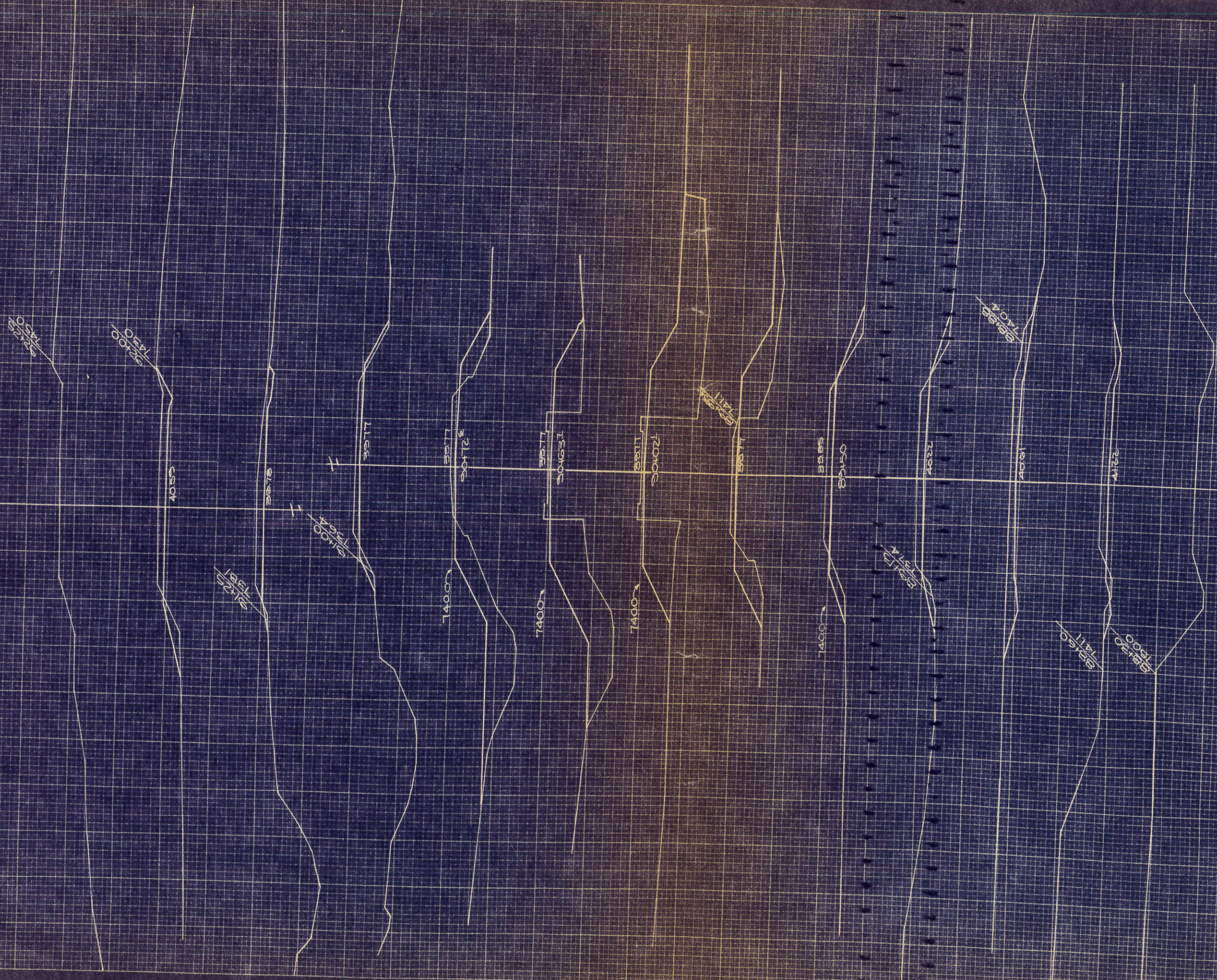
**PILE LAYOUT DIAGRAM**

PILE NO.	PILE EL.
1	738.13
2	739.00
3	740.63
4	741.47
5	742.28
15	741.47
14	739.00
13	737.90

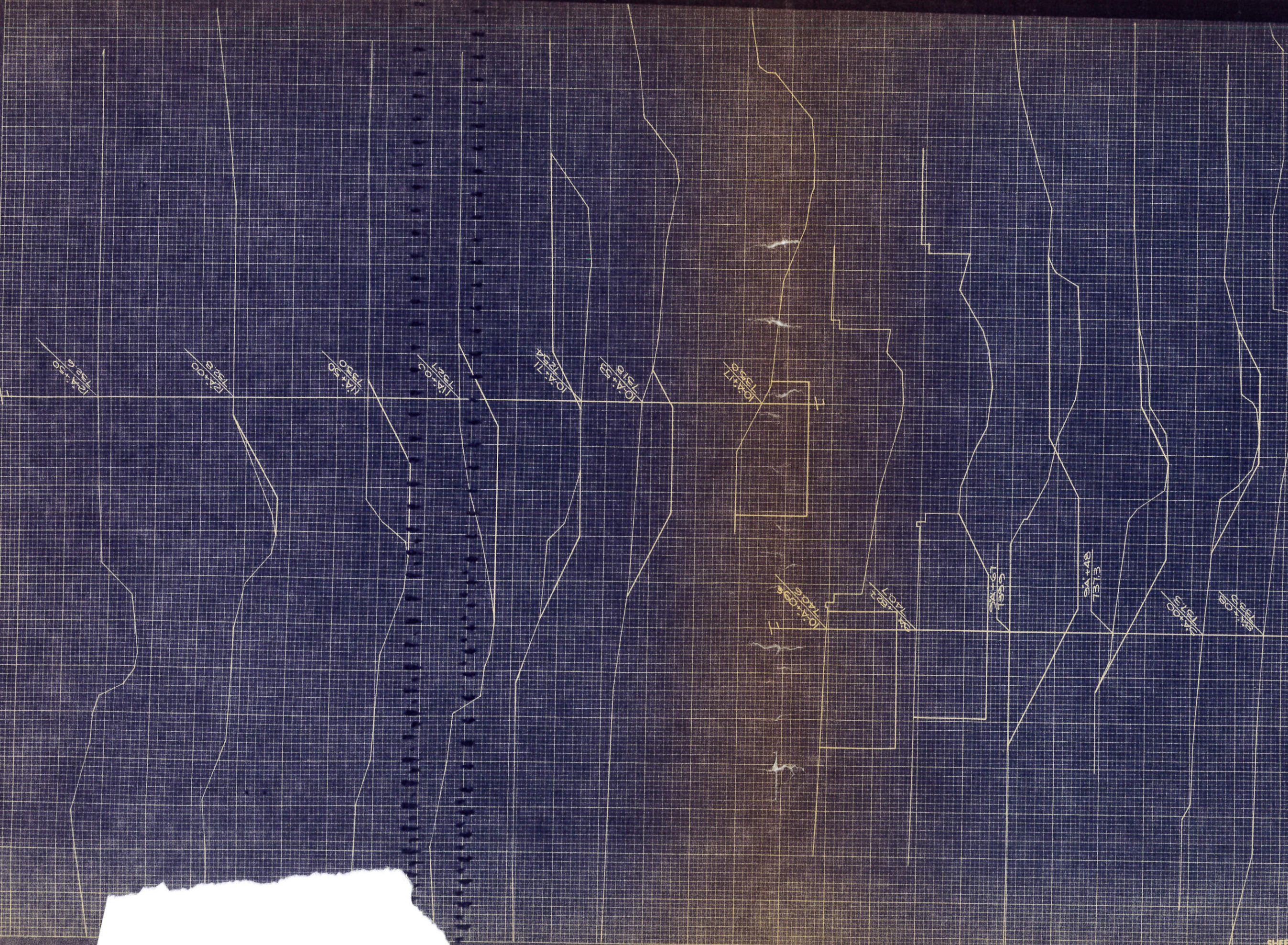
STATE HIGHWAY COMMISSION OF WISCONSIN			
<b>ABUTMENTS</b>			
DATE: 4-8-57	DESIGN: T.T.M.	CHK: L.W.F.	APP: 1957
STRUCTURE: B-32-19	SHEET: 3 OF 3		

X16433





STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
		UNCL.	
120+00			
119+00	10		
118+00	20		
117+00	30		2
116+00	40		2
115+00	50		
114+00	60		
113+00	70		
112+00	80		11
111+00	90		9
110+00	100		16
109+00	110		8
108+00	120		13
107+00	130		50
106+00	140		
105+00	150		9
104+00	160		22
103+00	170		6
102+00	180		
101+00	190		
100+00	200		
99+00	210		
98+00	220		
97+00	230		
96+00	240		
95+00	250		
94+00	260		
93+00	270		
92+00	280		
91+00	290		
90+00	300		
89+00	310		
88+00	320		
87+00	330		
86+00	340		
85+00	350		
84+00	360		
83+00	370		
82+00	380		
81+00	390		
80+00	400		
79+00	410		
78+00	420		
77+00	430		
76+00	440		
75+00	450		
74+00	460		
73+00	470		
72+00	480		
71+00	490		
70+00	500		
69+00	510		
68+00	520		
67+00	530		
66+00	540		
65+00	550		
64+00	560		
63+00	570		
62+00	580		
61+00	590		
60+00	600		
59+00	610		
58+00	620		
57+00	630		
56+00	640		
55+00	650		
54+00	660		
53+00	670		
52+00	680		
51+00	690		
50+00	700		
49+00	710		
48+00	720		
47+00	730		
46+00	740		
45+00	750		
44+00	760		
43+00	770		
42+00	780		
41+00	790		
40+00	800		
SHEET TOTAL	855		135



STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
8A + 08	83		
9A	285		
+48	294		
+67	357		
+87	567		
+038	122		
+17	461		
+53	130		120
+71	190		194
+11A	446		
+50	224		
+2A	2A		
+50			
SHEET TOTAL	3201		314

INDEX OF SHEETS

- SHEET NO. 1 TITLE
- SHEET NO. 2 TYPICAL CROSS SECTIONS
- SHEET NO. 2 ESTIMATE OF QUANTITIES
- SHEET NO. 2 MISCELLANEOUS QUANTITIES
- SHEET NO. — RIGHT OF WAY PLAT
- SHEET NO. 3-8 PLAN AND PROFILE STA. 55+94 TO STA. 172+80
- SHEET NO. 9 STANDARD DETAILS
- SHEET NO. 10-12 DRAINAGE STRUCTURES
- SHEET NO. 13-14 CROSS SECTIONS

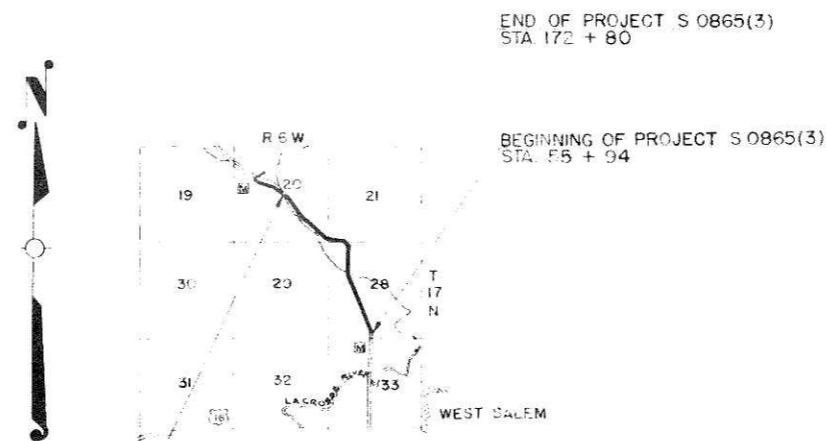


STATE OF WISCONSIN  
STATE HIGHWAY COMMISSION OF WISCONSIN

PLAN AND PROFILE OF PROPOSED  
WEST SALEM - HOLMEN ROAD  
LA CROSSE COUNTY  
PROJECT S 0865(3)  
C.T.H. "M"

BEGINNING AT A POINT NEAR THE NW/4 CORNER OF SEC. 33, T17N, R6W AND  
EXTENDING NORTHWESTERLY ALONG C.T.H. "M" TO A POINT APPROXIMATELY 500 FT.  
SOUTH OF THE CENTER OF THE NW/4 OF SEC. 20, T17N, R6W

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



EXCEPTION TO NET LENGTH  
STA. 152 + 58.76 - STA. 152 + 64.24  
PROJECT S 0865 (2)

LAYOUT

SCALE 1 MILE

TOTAL NET LENGTH OF CENTERLINE = 2.206 MILES

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 | — |
| BARBED                    | ----- | MARSH                         | — |
| LOU LINE                  | ----- | HEDGE                         | — |
| CORPORATE OR CITY LIMITS  | ----- | TREES                         | — |
| PROPERTY LINE             | ----- |                               |   |
| TRAVELED WAY OR P.E.      | ----- | GROUND ELEVATION              | — |
| RAILROADS                 | ----- | GRADE ELEVATION               | — |
| BASE OR SURVEY LINE       | ----- |                               |   |

COUNTY AND HIGHWAY	ROUTE AND SECTION	CLASS AND AGREEMENT		FEDERAL AID	STATE AID	TOTAL SHEETS
		STATE	FEDERAL			
32.6	865.0		11.3	WIS 4	1	14

APPROVED FOR LA CROSSE COUNTY BY: \_\_\_\_\_

DATE 4-2-57 *Robt. J. ...*  
COMMISSIONER

STATE HIGHWAY COMMISSION OF WISCONSIN  
MADISON, WIS.

DESIGNED BY F.N.D. NOTED BY W.S. B. J.L. L.A.Y. CO. 1957  
SUPERVISOR J.B.G. SUPERVISOR R.C.J. SUPERVISOR ...

CORRECTED DATE 4-5-57 *V.L. Fiedler*  
ENGINEER

RECOMMENDED FOR APPROVAL  
DATE 4-2-57 *J.P. ...*  
SUPERVISOR

DATE 4/9/57 *E.C. ...*  
DISTRICT ENGINEER

DEPARTMENT OF COMMERCE  
BUREAU OF PUBLIC ROADS

APPROVED: \_\_\_\_\_ DATE \_\_\_\_\_  
DISTRICT ENGINEER

S0865(3)

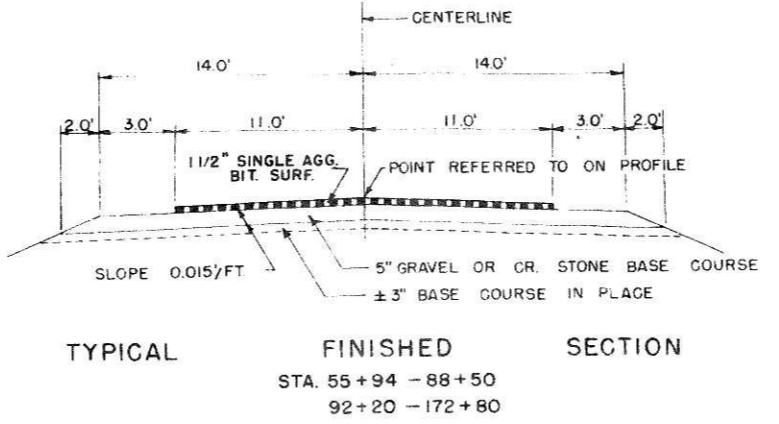
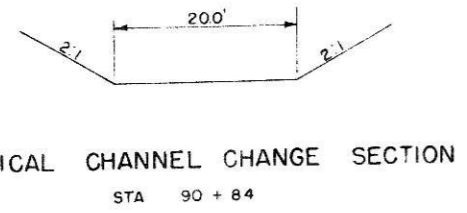
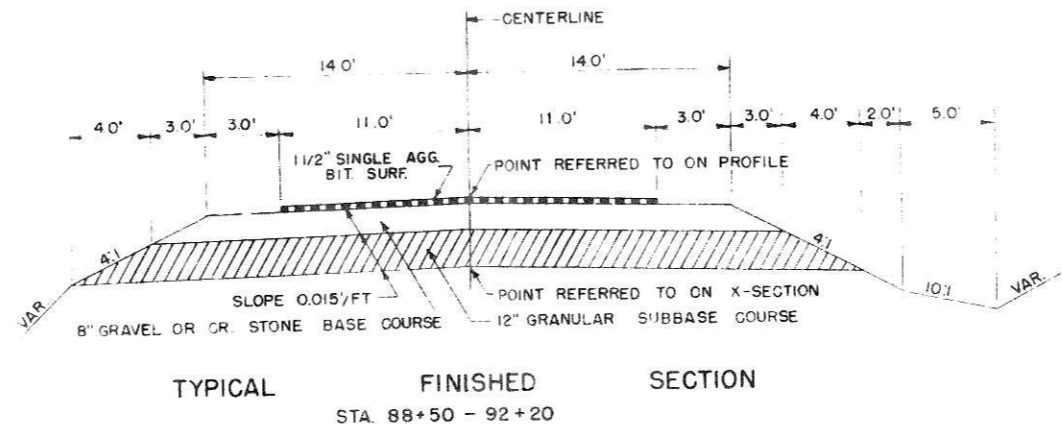
# ESTIMATE OF QUANTITIES

CONTRACT NO. 1283

PROJECT NO. 0865(3) 2 14

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, SUBMITTED FOR APPROVAL MAR. 28, 1957, FEDERAL AID REQUIRED CONTRACT PROVISIONS APPROVED JAN. 31, 1955, AND SPECIAL PROVISIONS AS ATTACHED TO PROPOSAL.

CONTRACT NO.	STATION TO STATION	NET LENGTH OF CENTER LINE	CLEARING GRUBBING		EXCAVATION			GRANULAR SUBBASE COURSE	FINISHING ROADWAY	REMOVE OLD BRIDGE STA 90+37.4	GRAVEL OR CRUSHED STONE		CULVERT PIPE					HEAVY RIP-RAP	GUARD FENCE		MARKER POSTS	BIT. MAT. FOR PRIME COAT	PREP OF ROADBED FOR BIT. SURF.	SINGLE AGG. BIT. SURF.	BIT. MAT. FOR SURFACE COURSE	TEMP. ORARY CROSSING STA. 90+94	EXC. FOR BRIDGES	CONCRETE MASONRY BRIDGES GRADE "AA"	CONCRETE MASONRY BRIDGES GRADE "X"	BAR STEEL REINF. BRIDGES	STRUCTURAL CARBON STEEL	TREATED LUMBER AND TIMBER	TREATED TIMBER PILING DELIVERED	TREATED TIMBER PILING DRIVEN	CAST IN PLACE CONCRETE TEST PILING	CAST IN PLACE CONCRETE PILING DELVD	CAST IN PLACE CONCRETE PILING DRIVEN	TOPSOIL		FERTILIZER	SEEDING
			UNCLASSIFIED	CLASSIFIED	2106-5	210	210				2201-1	2114-1	2104-21	2203-1	2313-2	2512-2	2523		2523-3	2523-3																		2311-1	2310-1		
UNIT	LIN. FT.	STA.	STA.	C.Y.	C.Y.	C.Y.	S.Y.	L.S.	L.S.	C.Y.	C.Y.	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	C.Y.	LIN. FT.	EACH	GAL.	STA.	TON	TON	LS	C.Y.	C.Y.	C.Y.	LB.	LB.	MBM	LIN. FT.	LIN. FT.	L.S.	LIN. FT.	LIN. FT.	C.Y.	SQ. YD.	SQ. YD.	CWT.	SQ. YD.	
1	55+94 - 172+80	11647.6									7330											8000	1195	2550	161																
2	55+94 - 172+80	11647.6																																							
3	88+50 - 92+20	370.0	3	3	3860			1425	1	1																															

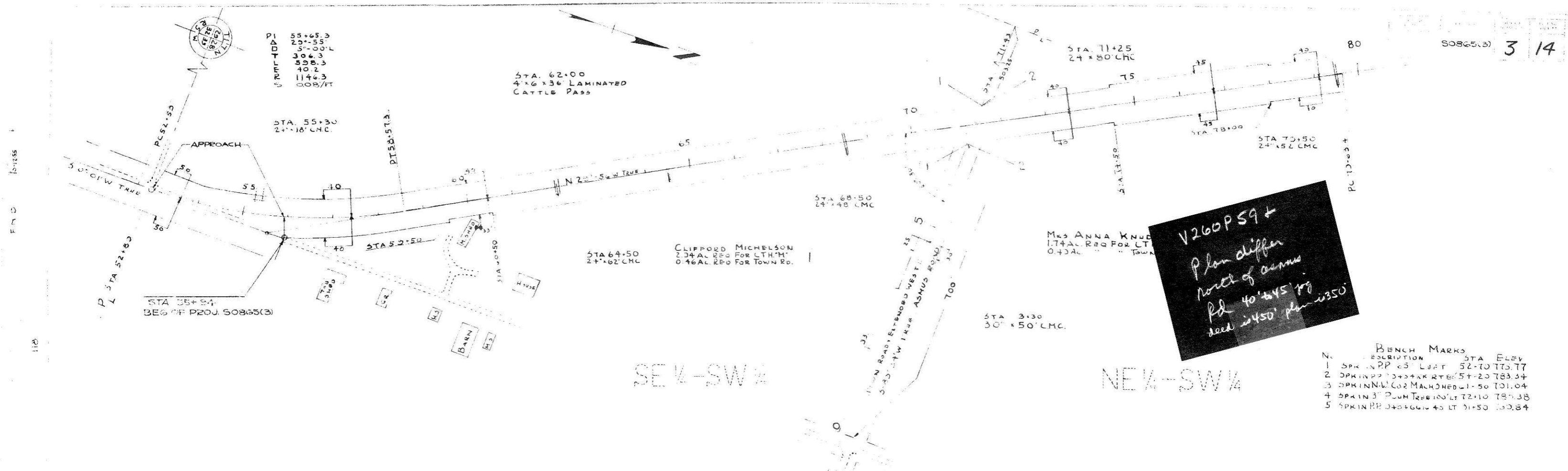


GRADING, EXCEPT BETWEEN STATIONS 88+50 & 92+20 IS NOT A PART OF THESE CONTRACTS

CLEARING & GRUBBING			
STATION TO STATION	STATIONS	CLEARING	GRUBBING
9+00 - 12+00	3		2
GRANULAR SUBBASE COURSE			
STATION TO STATION	LOCATION	C.Y.	SQ. YD.
88+50 - 92+20	6	1425	
FINISHING ROADWAY			
STATION TO STATION	LOCATION	STA.	
88+50 - 90+68	6	2.2	
91+00 - 92+20	6	1.2	
GRAVEL OR CRUSHED STONE BASE COURSE			
STATION TO STATION	LOCATION	C.Y.	SQ. YD.
52+89 - 55+94	APPROACH	6	182
55+94 - 88+50	6	1948	
88+50 - 92+20	6	333	
92+20 - 172+80	6	4817	
S.R. 71+43	RT.	25	
S.R. 112+50	RT.	25	

BITUMINOUS SURFACE QUANTITIES					
STA. TO	LOCATION	PREP OF RD. BED FOR	BIT. MAT. FOR	SINGLE AGG.	BIT. MAT. FOR
STA.		BIT. SURF.	PRIME COAT	BIT. SURF.	SURF. CSE.
52+89-55+94	APPROACH	3.0	210	65	4
55+94-172+80	6	116.5	7770	2478	156.5
71+43	S.R. L.T.	—	20	7	0.5

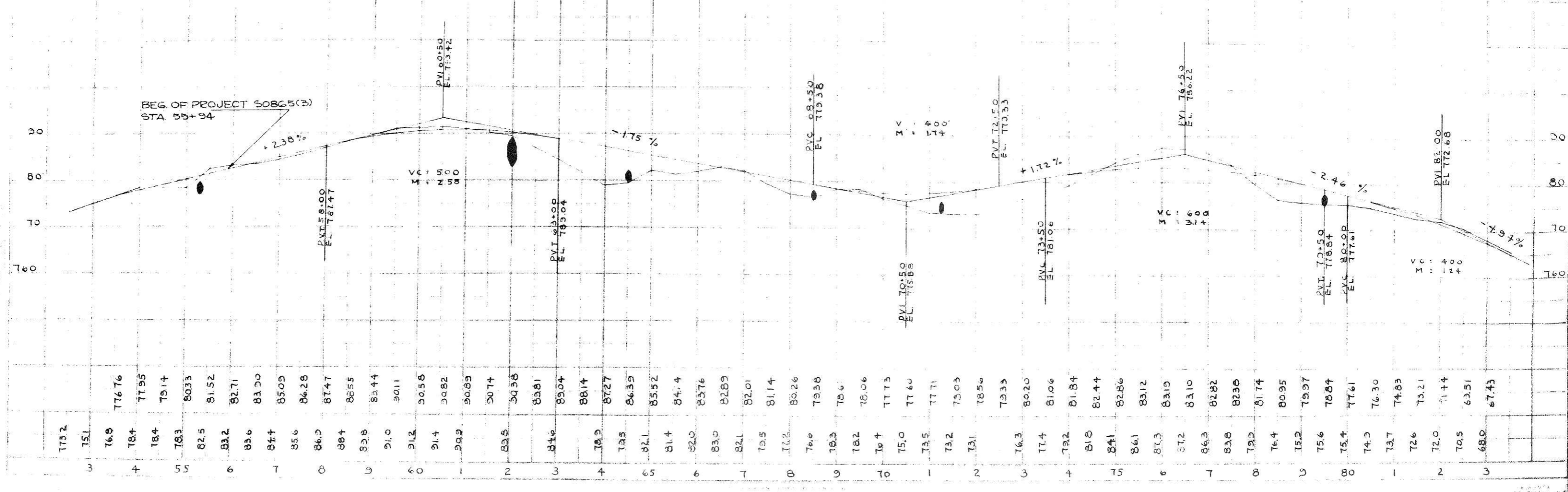
APPLICABLE STANDARD DETAIL DRAWINGS



BENCH MARKS

N.	DESCRIPTION	STA	ELEV.
1	SPRING APP 65' LEAF	52+00	775.17
2	SPRING 13'x13'x18'	57+25	783.34
3	SPRING 12'x12'x18'	61+50	791.04
4	SPRING 3' PLUM TREE 100'	72+10	785.38
5	SPRING 12'x12'x18'	75+50	792.84

NET LENGTH OF CENTERLINE STA 55+94 TO 80+00 = 2406.0 LIN. FT



B.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
	50865-3	4	14

NW-SW

SW-NW

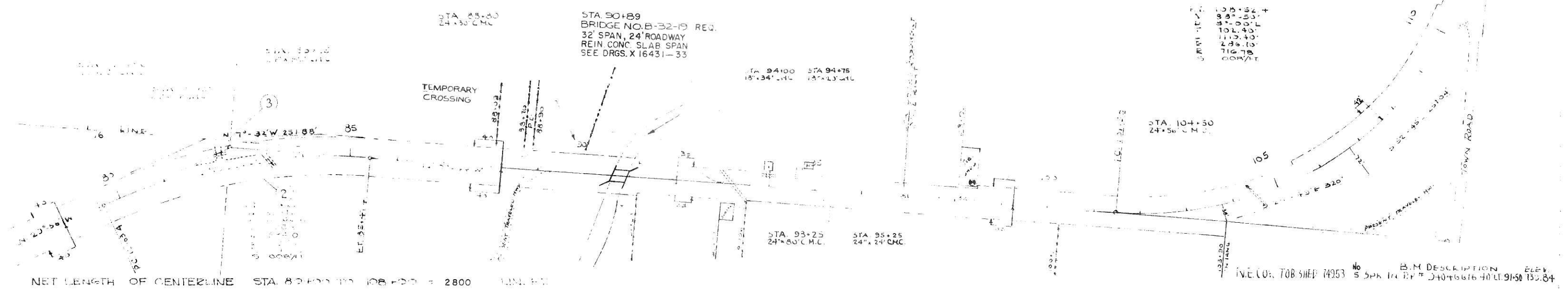
NW-NW



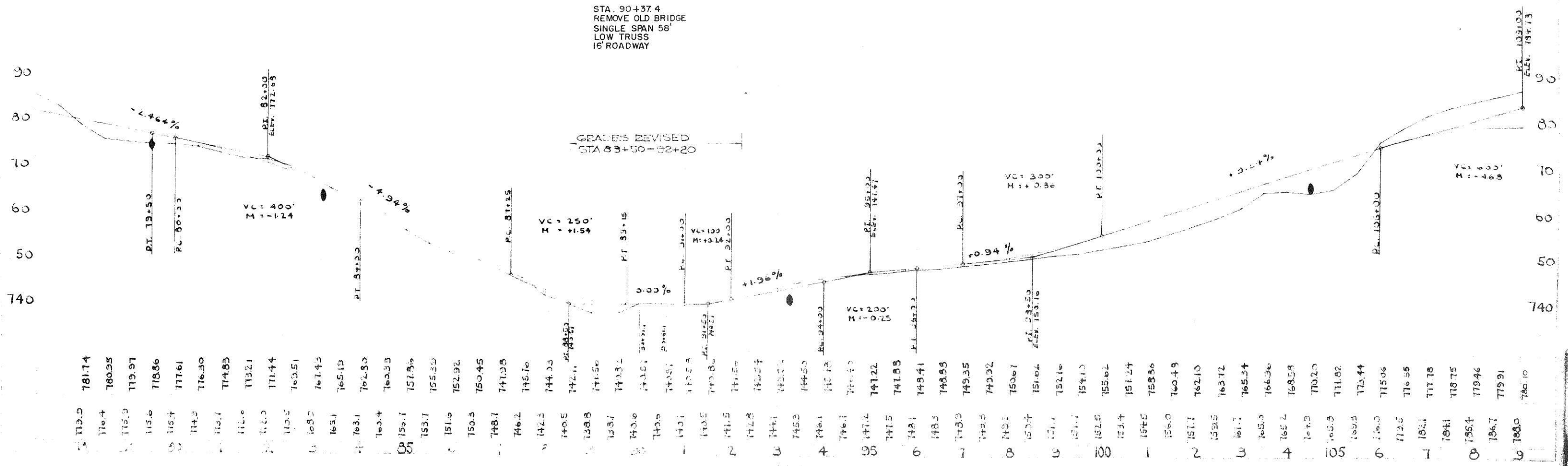
RUDOLPH HULBERG  
R.W. REQ. 2+1, Acc-5

F N D 1503

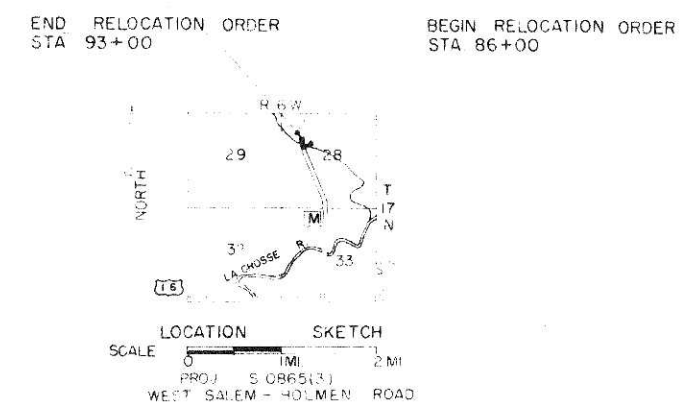
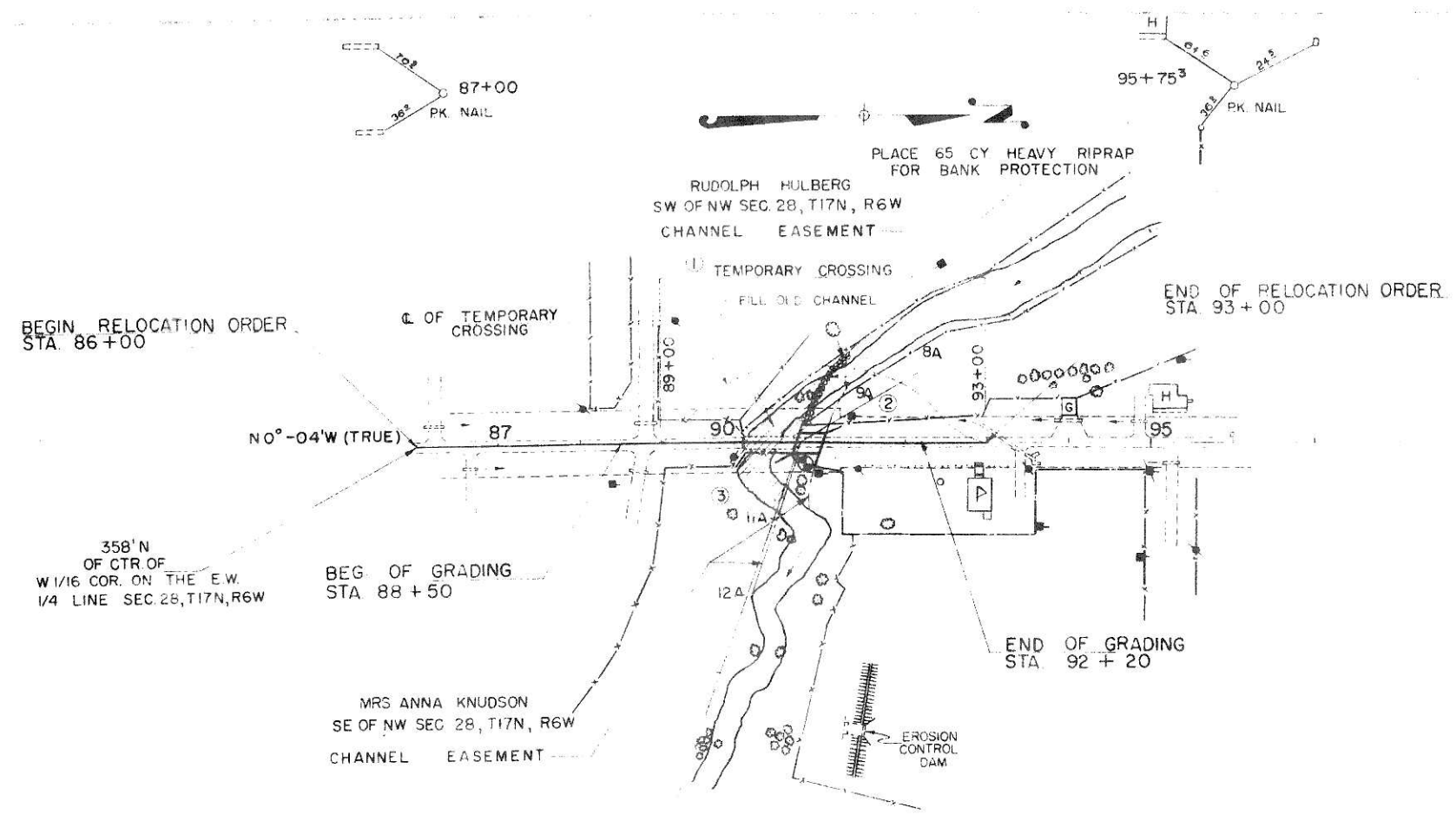
F N D 41256



INE. CO. TOP SHEET 74953 No. 5 Spk. 14 R.P. 3+10+6616 40' L. 91+50 130.84  
B.M. DESCRIPTION



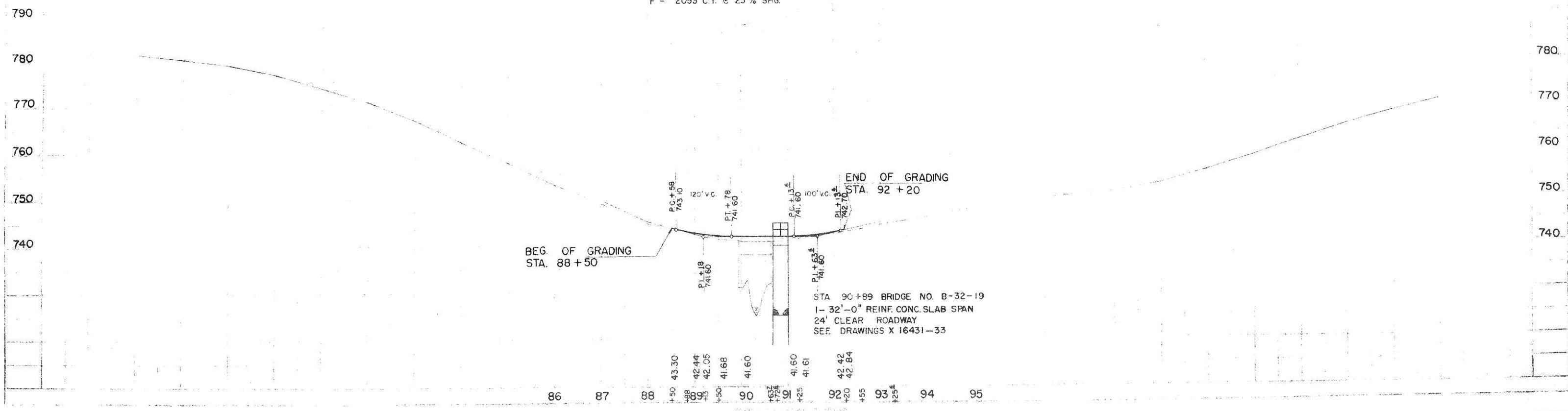
4	30865 (3)	5	14
CODE 326-8650-11.3			



NET LENGTH OF CENTERLINE STA. 88+50 TO STA. 92+20 = 370 LIN. FT. (CONTRACT NO. 3)

B.M. 90+65 CHISEL SQ. ON N.E. WING ELEV. 740.92

UNCL = 3860 C.Y. - USE 1294 C.Y. TO FILL OLD CHANNEL  
 F = 2053 C.Y. @ 25% SHG.

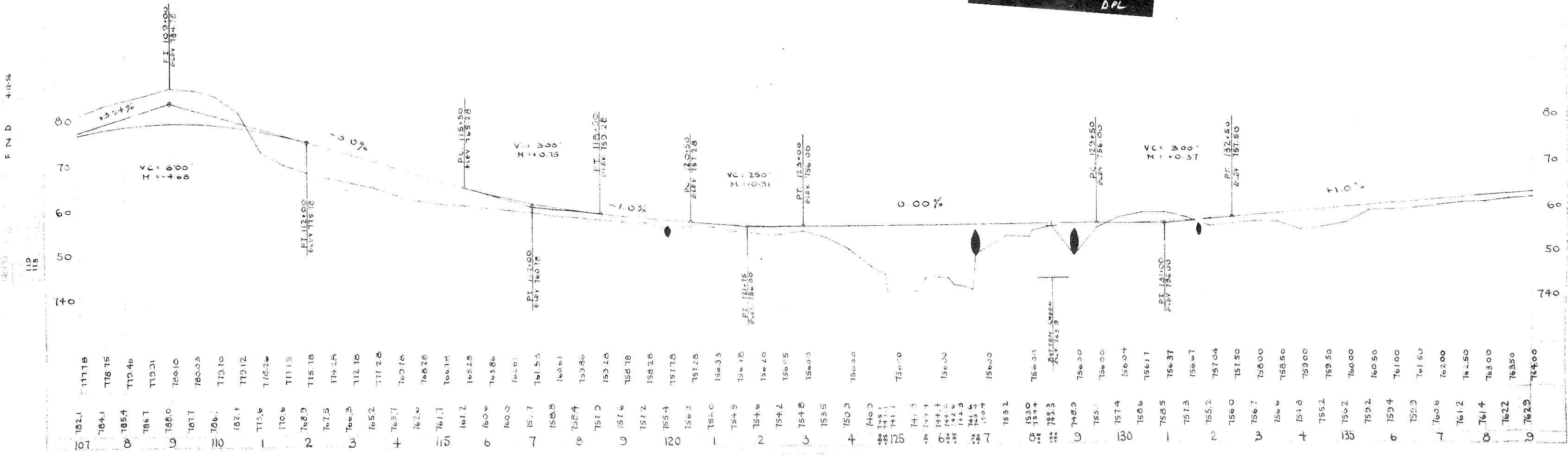


B.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
	50825(3)	6	14



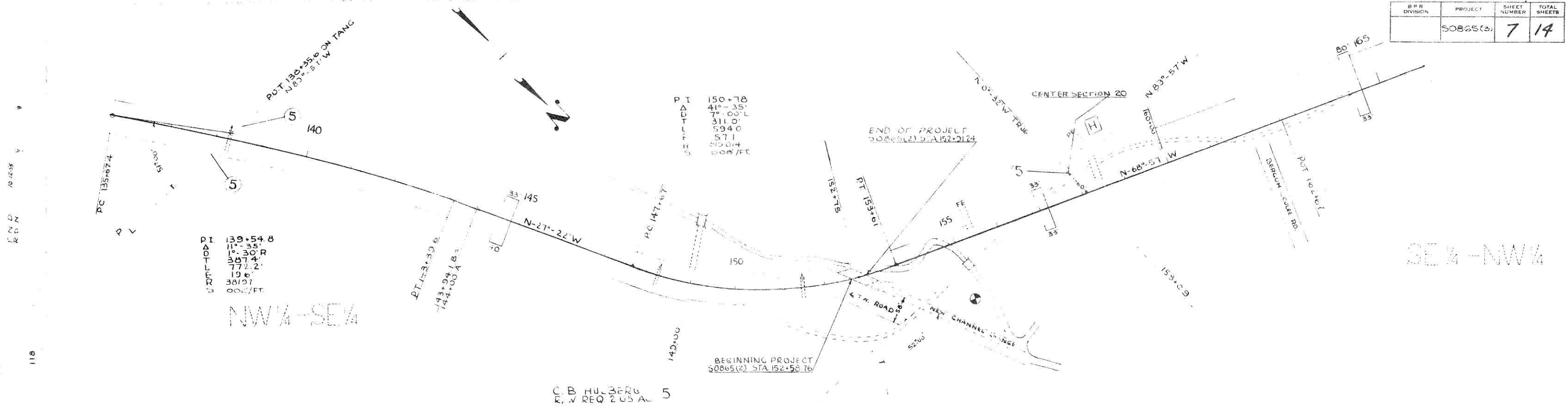
data in V259P131 ↓ 11-17-03  
 Row Plan 376  
 differ at station 131+00  
 plan shows jog from 40' to  
 33' no maximum deal,  
 DPL

NO	DESCRIPTION	ELEV
6	OPK IN TP 33' RT STA 111+50	712.56
7	OPK IN TP 22' RT STA 113+50	159.50
8	OPK IN ELEM 30' RT STA 128+65	157.10
9	OPK IN PP (340+66.35) 50' LT STA 138+30	159.19



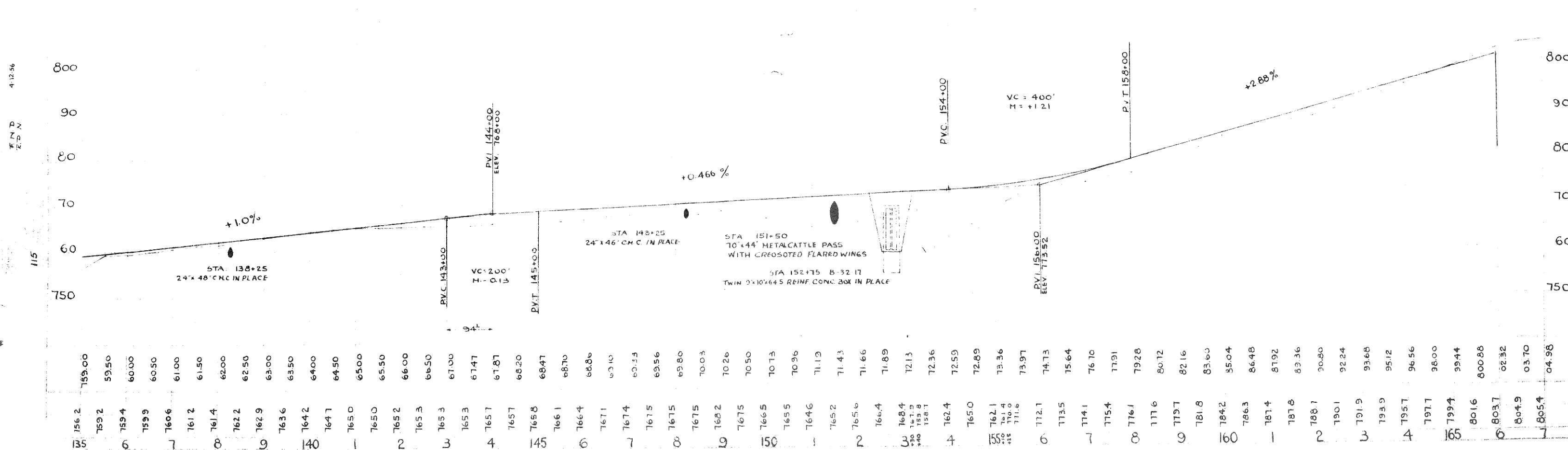


B.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
	50865(3)	7	14

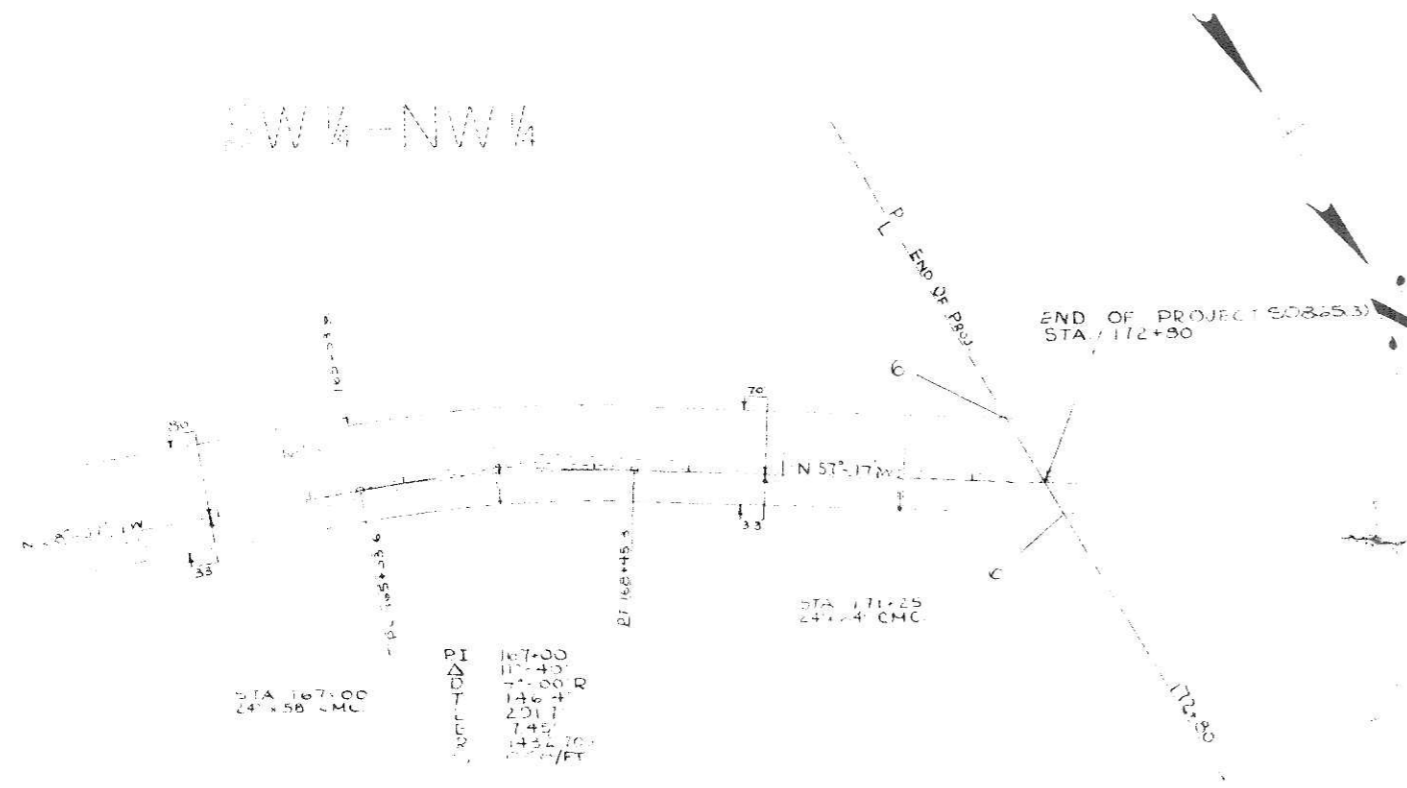


NET LENGTH OF CENTERLINE STA. 138+00 TO 154+00 = 2661.6 FT.

BM IN PP ELEV 769.42

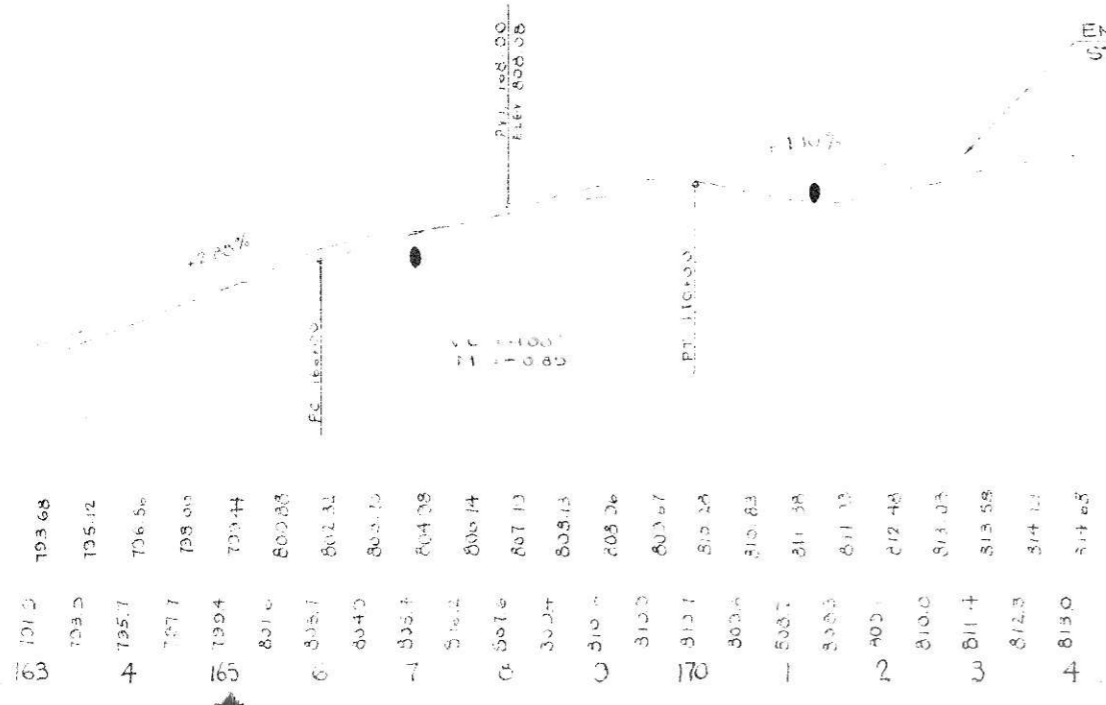


SW 1/4 - NW 1/4



FRANK HILBERG  
D.W. ENG. 183 AC

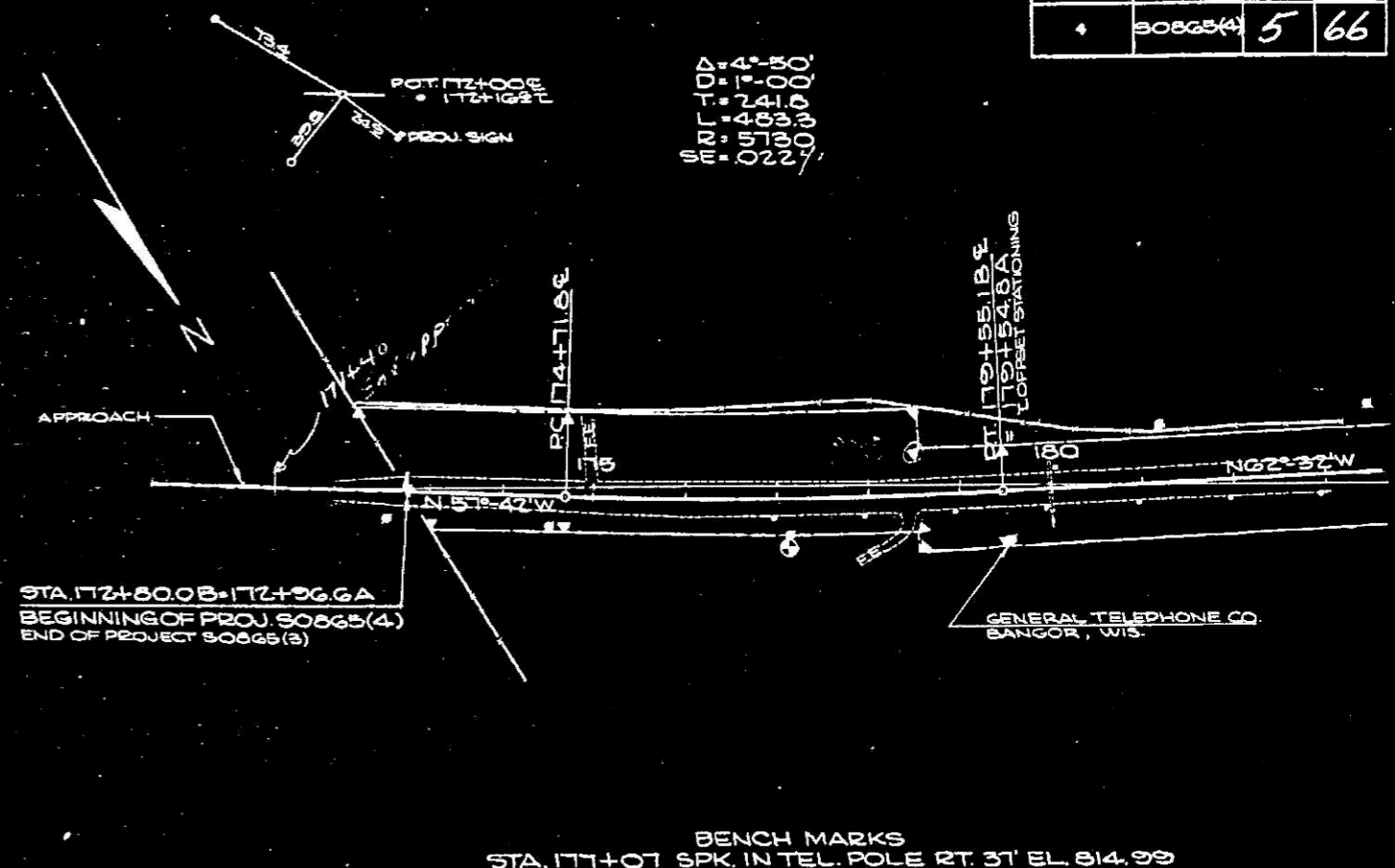
NET LENGTH OF CENTERLINE STA. 172+00 TO 172+80 = 780 LIN. FT.



165	170	175	180
793.68	803.67	813.58	823.28
795.12	805.12	815.03	824.73
796.56	806.56	814.93	824.23
798.00	808.00	814.83	823.73
799.44	809.44	814.73	823.23
800.88	810.88	814.63	822.73
802.32	812.32	814.53	822.23
803.76	813.76	814.43	821.73
805.20	815.20	814.33	821.23
806.64	816.64	814.23	820.73
808.08	818.08	814.13	820.23
809.52	819.52	814.03	819.73
810.96	820.96	813.93	819.23
812.40	822.40	813.83	818.73
813.84	823.84	813.73	818.23
815.28	825.28	813.63	817.73
816.72	826.72	813.53	817.23
818.16	828.16	813.43	816.73
819.60	829.60	813.33	816.23
821.04	831.04	813.23	815.73
822.48	832.48	813.13	815.23
823.92	833.92	813.03	814.73
825.36	835.36	812.93	814.23
826.80	836.80	812.83	813.73
828.24	838.24	812.73	813.23
829.68	839.68	812.63	812.73
831.12	841.12	812.53	812.23
832.56	842.56	812.43	811.73
834.00	844.00	812.33	811.23
835.44	845.44	812.23	810.73
836.88	846.88	812.13	810.23
838.32	848.32	812.03	809.73
839.76	849.76	811.93	809.23
841.20	851.20	811.83	808.73
842.64	852.64	811.73	808.23
844.08	854.08	811.63	807.73
845.52	855.52	811.53	807.23
846.96	856.96	811.43	806.73
848.40	858.40	811.33	806.23
849.84	859.84	811.23	805.73
851.28	861.28	811.13	805.23
852.72	862.72	811.03	804.73
854.16	864.16	810.93	804.23
855.60	865.60	810.83	803.73
857.04	867.04	810.73	803.23
858.48	868.48	810.63	802.73
859.92	869.92	810.53	802.23
861.36	871.36	810.43	801.73
862.80	872.80	810.33	801.23
864.24	874.24	810.23	800.73
865.68	875.68	810.13	800.23
867.12	877.12	810.03	799.73
868.56	878.56	809.93	799.23
870.00	880.00	809.83	798.73
871.44	881.44	809.73	798.23
872.88	882.88	809.63	797.73
874.32	884.32	809.53	797.23
875.76	885.76	809.43	796.73
877.20	887.20	809.33	796.23
878.64	888.64	809.23	795.73
880.08	890.08	809.13	795.23
881.52	891.52	809.03	794.73
882.96	892.96	808.93	794.23
884.40	894.40	808.83	793.73
885.84	895.84	808.73	793.23
887.28	897.28	808.63	792.73
888.72	898.72	808.53	792.23
890.16	900.16	808.43	791.73
891.60	901.60	808.33	791.23
893.04	903.04	808.23	790.73
894.48	904.48	808.13	790.23
895.92	905.92	808.03	789.73
897.36	907.36	807.93	789.23
898.80	908.80	807.83	788.73
900.24	910.24	807.73	788.23
901.68	911.68	807.63	787.73
903.12	913.12	807.53	787.23
904.56	914.56	807.43	786.73
906.00	916.00	807.33	786.23
907.44	917.44	807.23	785.73
908.88	918.88	807.13	785.23
910.32	920.32	807.03	784.73
911.76	921.76	806.93	784.23
913.20	923.20	806.83	783.73
914.64	924.64	806.73	783.23
916.08	926.08	806.63	782.73
917.52	927.52	806.53	782.23
918.96	928.96	806.43	781.73
920.40	930.40	806.33	781.23
921.84	931.84	806.23	780.73
923.28	933.28	806.13	780.23
924.72	934.72	806.03	779.73
926.16	936.16	805.93	779.23
927.60	937.60	805.83	778.73
929.04	939.04	805.73	778.23
930.48	940.48	805.63	777.73
931.92	941.92	805.53	777.23
933.36	943.36	805.43	776.73
934.80	944.80	805.33	776.23
936.24	946.24	805.23	775.73
937.68	947.68	805.13	775.23
939.12	949.12	805.03	774.73
940.56	950.56	804.93	774.23
942.00	952.00	804.83	773.73
943.44	953.44	804.73	773.23
944.88	954.88	804.63	772.73
946.32	956.32	804.53	772.23
947.76	957.76	804.43	771.73
949.20	959.20	804.33	771.23
950.64	960.64	804.23	770.73
952.08	962.08	804.13	770.23
953.52	963.52	804.03	769.73
954.96	964.96	803.93	769.23
956.40	966.40	803.83	768.73
957.84	967.84	803.73	768.23
959.28	969.28	803.63	767.73
960.72	970.72	803.53	767.23
962.16	972.16	803.43	766.73
963.60	973.60	803.33	766.23
965.04	975.04	803.23	765.73
966.48	976.48	803.13	765.23
967.92	977.92	803.03	764.73
969.36	979.36	802.93	764.23
970.80	980.80	802.83	763.73
972.24	982.24	802.73	763.23
973.68	983.68	802.63	762.73
975.12	985.12	802.53	762.23
976.56	986.56	802.43	761.73
978.00	988.00	802.33	761.23
979.44	989.44	802.23	760.73
980.88	990.88	802.13	760.23
982.32	992.32	802.03	759.73
983.76	993.76	801.93	759.23
985.20	995.20	801.83	758.73
986.64	996.64	801.73	758.23
988.08	998.08	801.63	757.73
989.52	999.52	801.53	757.23
990.96	1000.96	801.43	756.73

S.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	50865(4)	5	66

Δ = 4'-30"  
 TD = 1'-00"  
 T = 241.0'  
 M = 489.0'  
 S = 578.0'  
 SE = 022.7'



NET LENGTH CENTERLINE STA. 172+96.6-182+00 = 904.0 LIN. FT.

