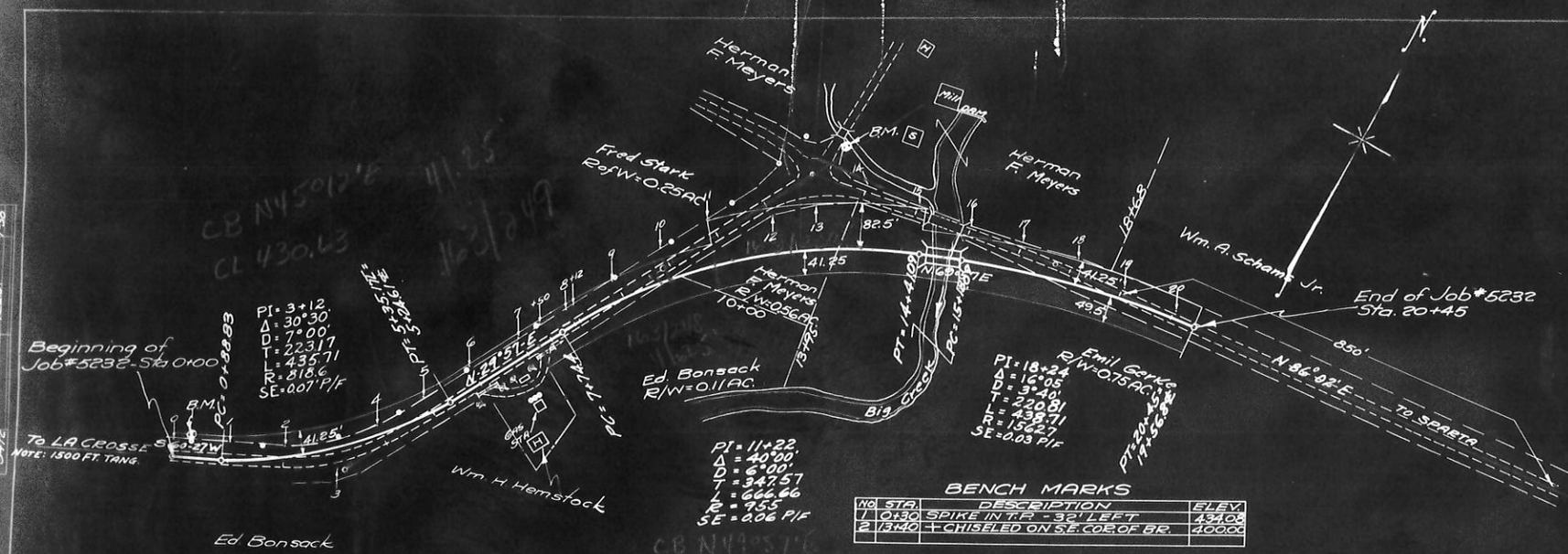
NORTH of ROCKLAND

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
4	WIS.	5232	3	9

DIVISION JOB NO. 5232



BENCH MARKS

NO.	STA.	DESCRIPTION	ELEV.
1	0+30	SPIKE IN T.P. - 32' LEFT	434.02
2	19+40	+ CHISELED ON S.E. COR. OF BR.	400.00

Net Length of ℄ = 1946.17 Lin. Ft.

Item	Type	Locat.	Sta. To Sta.	Unit	Amt.	Total
Guard Fence	E	R.	12+00 to 14+50	Lin. Ft.	250	
	E	L.	15+20 to 18+50	" "	330	
	E	L.	16+20 to 17+00	" "	100	
	E	R.	16+00 to 17+30	" "	150	830
Anchorages						4

C. 4048 C.Y.
F. 3617 C.Y.
Shr - 20%
B. 292 C.Y.

C. 1574 C.Y.
F. 1418 C.Y.
Shr - 20%
B. 128 C.Y.

X-3276 P.60-28 Rev. 5-1

Sta. 15+76 - 60' Span - 28' Roadway Req'd. (See Big Creek Mill Bridge Plans.)
Conc. - 293.2 C.Y. R. Steel - 12,220#
Waterproofing - 2575 Sq. Ft.
Wet Excavation - 300 C.Y.
Dry " - 360 C.Y.
Expansion Joint Filler -
Str. Steel - 72,590#
Cast Steel - 1740#
Drains - 4 Reqd.
Sheet Lead - 4 Reqd.
Wood Piles - 30' Long - 90 Reqd.
4" ϕ Tile Drains - 28 Lin. Ft.

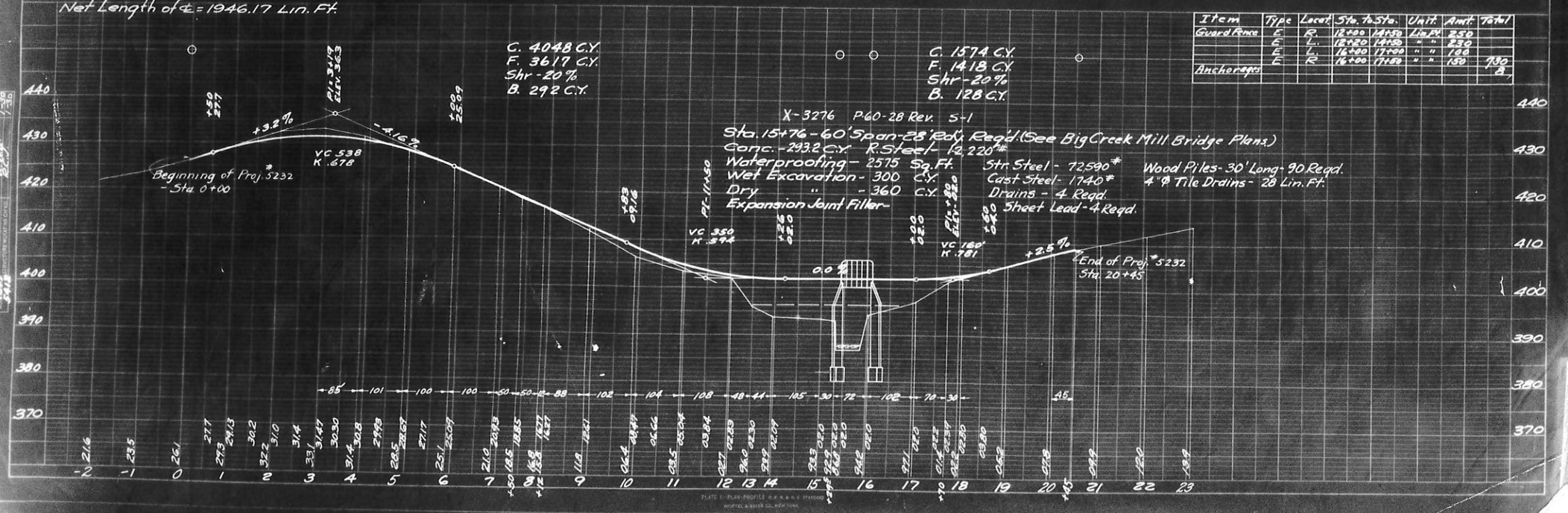
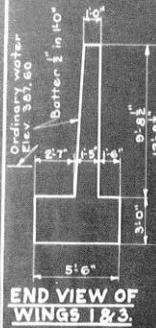


PLATE I - PLAN-PROFILE O. P. R. & R. C. STANDARD

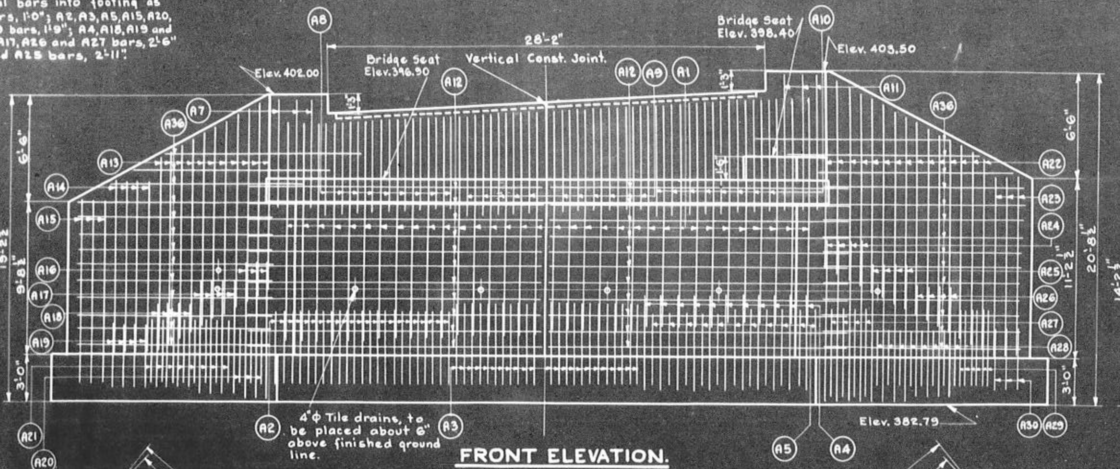
FED. ROAD DIST. NO.	STATE	STATE AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
4	WIS.	5232	5	9

DIVISION JOB NO. 5232

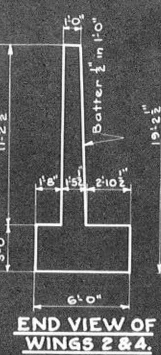
NOTE:- Imbed vertical bars into footing as follows: A42 bars, 1'-0"; A2, A3, A5, A15, A20, A21, A28 and A29 bars, 1'-9"; A4, A18, A19 and A30 bars, 2'-1"; A17, A26 and A27 bars, 2'-6" and A16, A24 and A25 bars, 2'-11".



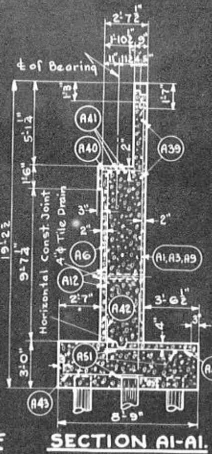
END VIEW OF WINGS 1 & 3.



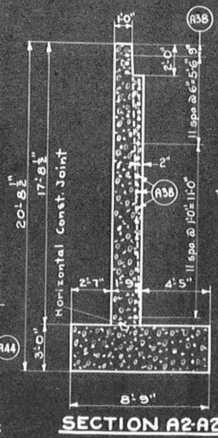
FRONT ELEVATION.



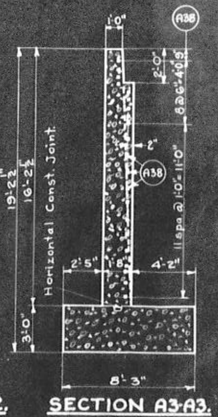
END VIEW OF WINGS 2 & 4.



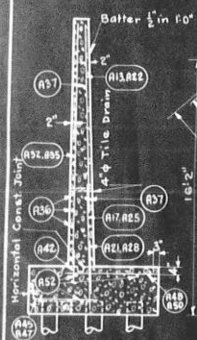
SECTION A1-A1.



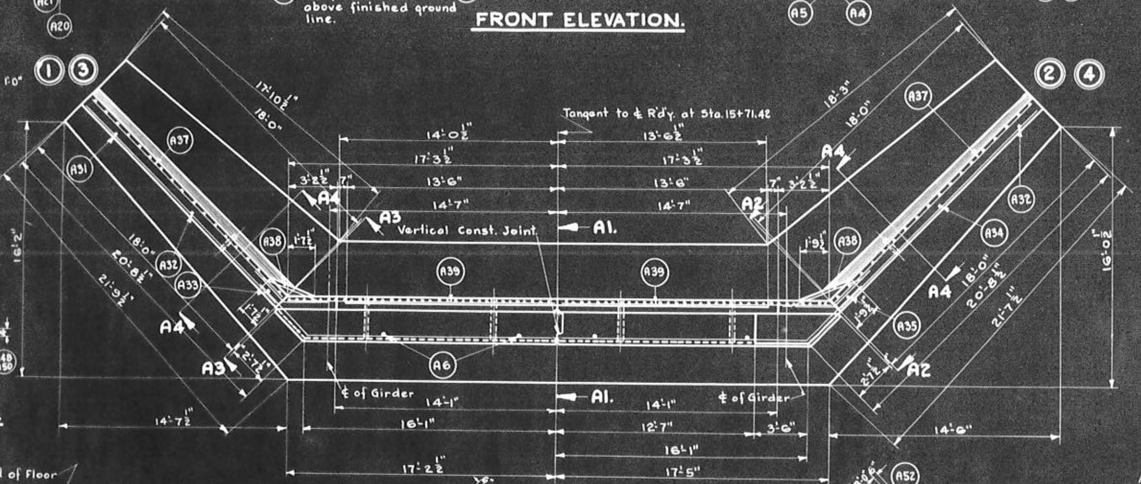
SECTION A2-A2.



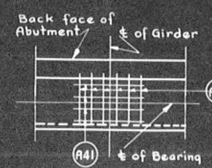
SECTION A3-A3.



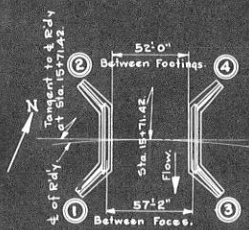
SECTION A4-A4.



PLAN.



PLAN OF GRID.



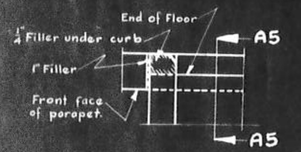
LOCATION DIAGRAM.

BILL OF BARS.

No.	Mark	Size	Length	Spacing	Location.
68	A1	1/2" □	13'-6"	1'-0" cts.	Vertical in body. (Back Face).
46	A2	1/2" □	5'-0"	6" cts.	" " " " "
46	A3	1/2" □	5'-6"	6" cts.	" " " " "
22	A4	5/8" φ	6'-6"	1'-0" cts.	" " " " "
22	A5	1/2" □	5'-0"	1'-0" cts.	" " " " "
8	A6	1/2" φ	11'-0"	Shown	" " " (Front Face).
6	A7	1/2" φ	6'-6"	1'-0" cts.	Vertical in parapet wall. (Back Face).
18	A8	1/2" φ	5'-6"	1'-0" cts.	" " " " " "
22	A9	1/2" φ	6'-0"	1'-0" cts.	" " " " " "
16	A10	1/2" φ	6'-6"	1'-0" cts.	" " " " " "
6	A11	1/2" φ	8'-0"	1'-0" cts.	" " " " " "
44	A12	1/2" □	21'-0"	1'-0" cts.	Horizontal in body (Front Face).
22	A13	1/2" □	12'-0"	1'-0" cts.	Vertical in wings 1 & 3. (Back Face).
8	A14	1/2" □	11'-0"	1'-0" cts.	" " " " " " "
6	A15	1/2" □	11'-6"	1'-0" cts.	" " " " " " "
6	A16	7/8" φ	8'-6"	1'-0" cts.	" " " " " " "
8	A17	3/4" φ	7'-0"	1'-0" cts.	" " " " " " "
8	A18	5/8" φ	6'-0"	1'-0" cts.	" " " " " " "
8	A19	5/8" φ	4'-0"	1'-0" cts.	" " " " " " "
6	A20	1/2" □	3'-6"	1'-0" cts.	" " " " " " "
16	A21	1/2" □	4'-0"	1'-0" cts.	" " " " " " "
30	A22	1/2" □	12'-0"	1'-0" cts.	" " " 2 & 4. " "
6	A23	1/2" □	11'-0"	1'-0" cts.	" " " " " " "
8	A24	7/8" φ	10'-0"	1'-0" cts.	" " " " " " "
8	A25	7/8" φ	8'-6"	1'-0" cts.	" " " " " " "
8	A26	3/4" φ	7'-0"	1'-0" cts.	" " " " " " "
8	A27	3/4" φ	5'-6"	1'-0" cts.	" " " " " " "
16	A28	1/2" □	3'-6"	1'-0" cts.	" " " " " " "
12	A29	1/2" □	4'-6"	6" cts.	" " " " " " "
6	A30	5/8" φ	4'-0"	1'-0" cts.	" " " " " " "
2	A31	1/2" φ	10'-0"	Shown.	" " " 1 & 3 (Front Face).
4	A32	1/2" φ	11'-0"	Shown.	" " " " "
2	A33	1/2" φ	13'-0"	Shown.	" " " 1 & 3 " "
2	A34	1/2" φ	12'-0"	Shown.	" " " 2 & 4 " "
2	A35	1/2" φ	14'-0"	Shown.	" " " " " " "
54	A36	1/2" □	18'-0"	1'-0" cts.	Horizontal in wings (Front Face).
4	A37	1/2" φ	18'-0"	Shown.	" " " (Back Face
86	A38	1/2" □	7'-0"	Shown.	Horizontal in corners " "
12	A39	1/2" φ	17'-0"	Shown.	Horizontal in body. " "
24	A40	1/2" □	2'-0"	6" cts.	Transverse in grids.
16	A41	1/2" □	3'-0"	6" cts.	Longitudinal in grids.
20	A42	1/2" φ	2'-0"	Shown	Dowels for A6, A31, A32, A33, A34 & A35.
236	A43	1/2" □	4'-0"	3 1/2" cts.	Transverse in body footing (Toe)
74	A44	1/2" φ	5'-0"	10" cts.	" " " " (Heel).
40	A45	1/2" □	4'-0"	7" cts.	Transverse in wing 1 & 3 footing. (Toe)
44	A46	1/2" □	3'-6"	10" cts.	Transverse in wing footings. "
54	A47	1/2" □	4'-0"	6" cts.	Transverse in wing 2 & 4 footing "
24	A48	1/2" □	6'-0"	10" cts.	" " " 1 & 3 " (Heel)
38	A49	1/2" φ	5'-0"	1'-0" cts.	Transverse in wing footings. "
28	A50	5/8" φ	6'-0"	9" cts.	Transverse in wing 2 & 4 footings "
16	A51	1/2" φ	18'-6"	Shown	Longitudinal in body footings.
16	A52	1/2" φ	21'-6"	Shown	Longitudinal in wing footings.

SUPERSTRUCTURE-ONE SPAN-P60-28 REV. & S1.

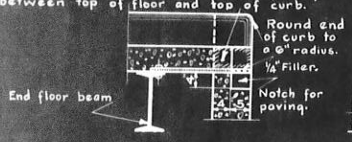
BRIDGE JOB NO. B5937



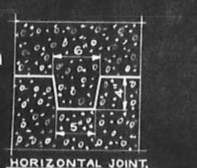
PART PLAN.
Showing Detail of Floor at Abutments.

1" Filler to extend from bottom of floor to top of floor only. Provide a 1" clear opening between top of floor and top of curb.

VERTICAL JOINT

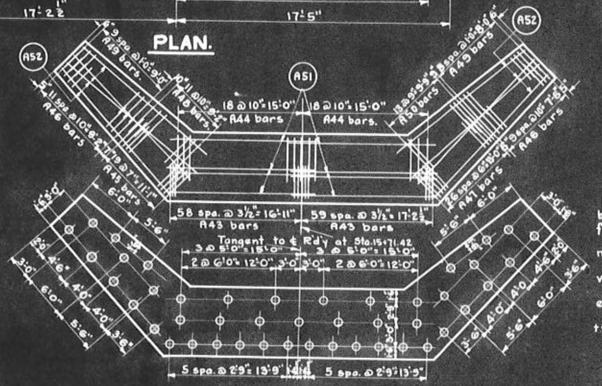


SECTION A5-A5.



HORIZONTAL JOINT.

DETAIL OF CONSTRUCTION JOINTS.



FOOTING PLANS.

GENERAL NOTES.

The abutments are alike.

Concrete shall be 1:2:3 proportions.

Bevel exposed edges of concrete 1".

Reinforcement shall be mechanical bond bars of net section equal to the area of bars specified.

The bridge seat shall be finished with a metal trowel and brushed.

Wood piles shall be driven to a bearing value of 17 tons per pile.

Grids shall be placed symmetrically under each masonry plate.

Expansion joint filler shall be of an approved type.

ESTIMATED QUANTITIES.

Concrete:	258.5 Cu. Yds.
Reinforcing Steel:	8260 #
Wood Piles (30'-0" long)	90 Req'd.
Waterproofing:	2575 Sq. Ft.
4" φ Tile Drains:	28 Lin. Ft.
Dry Excavation:	360 Cu. Yds.
Wet Excavation:	300 Cu. Yds.

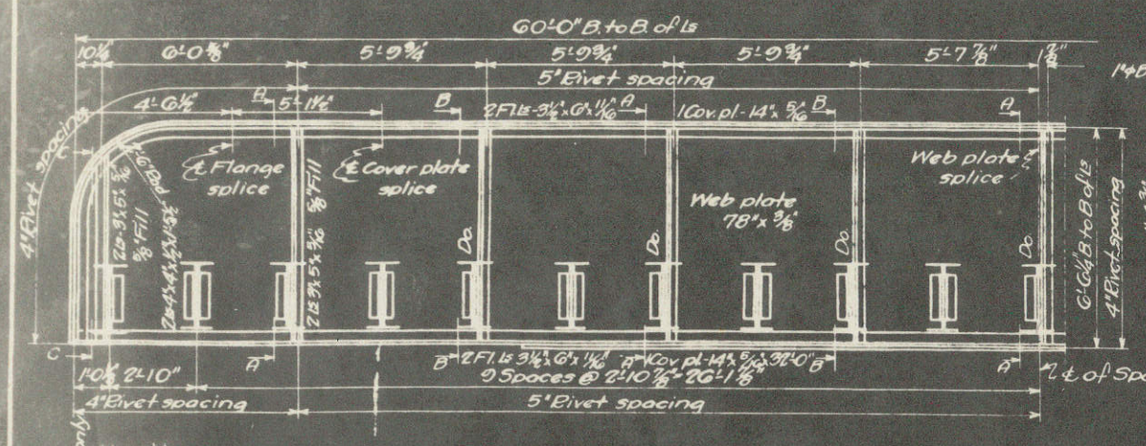
WISCONSIN HIGHWAY COMMISSION
ABUTMENT DETAILS
FOR THE
BIG CREEK BRIDGE
Town of Burns La Crosse Co.
Sta. 15+71.42.

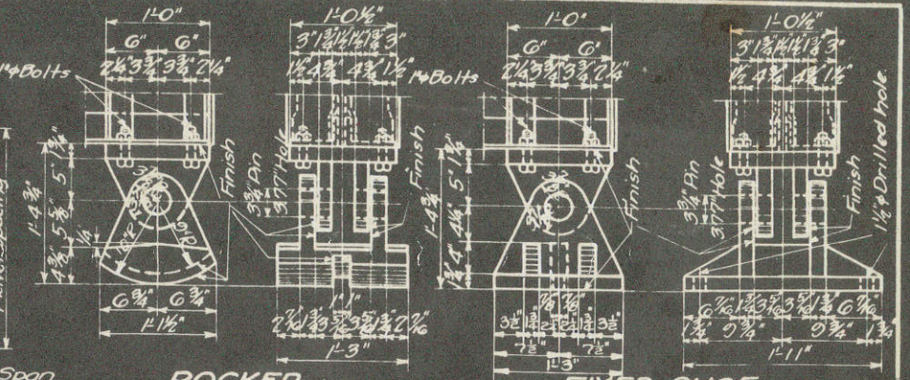
CORRECT: G. T. Nish
BRIDGE ENGINEER

APPROVED: W. E. Buetow
STATE HIGHWAY ENGINEER

Drawn R.M.
Checked

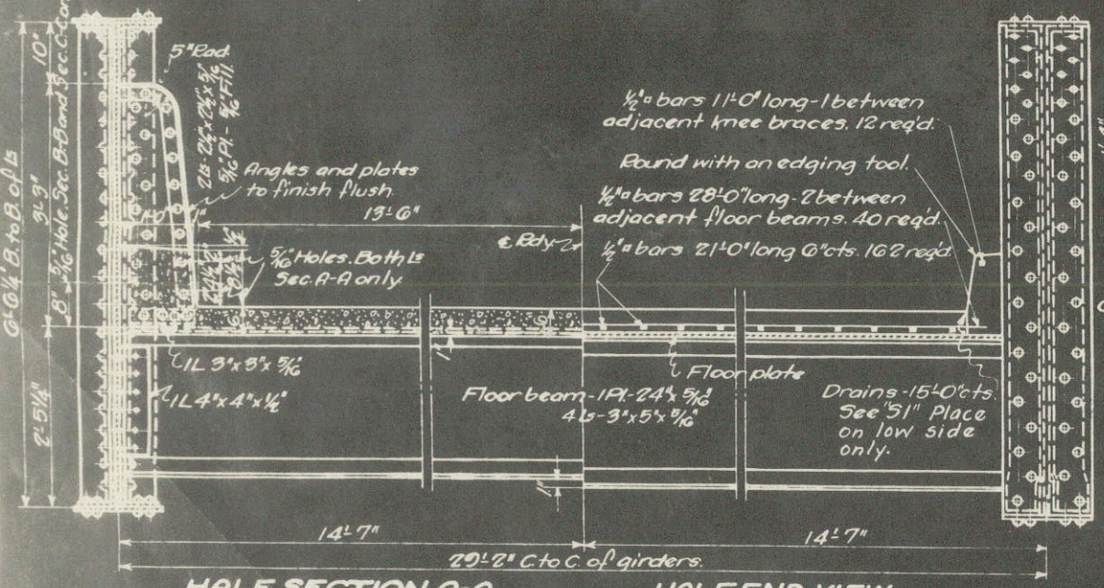
X3276.



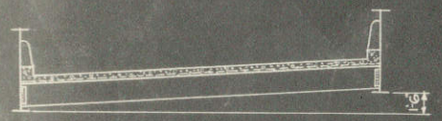


ROCKER
2 req'd.

FIXED SHOE
2 req'd.

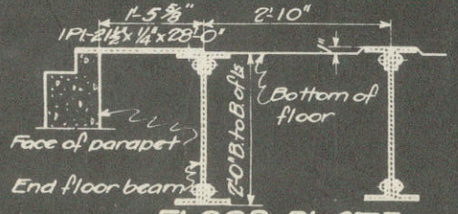


HALF SECTION A-A
Section B-B same as A-A except that knee brace is omitted.



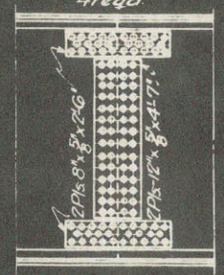
SECTION OF ROADWAY.
Looking West.

HALF END VIEW
Showing reinforcement.



FLOOR PLATE
See substructure details.

MASONRY PLATE
Omit the boss on plate for fixed end. 4 req'd.



WEB SPLICE

ESTIMATED QUANTITIES

Concrete	34.7 Cu. Yds.
Structural Steel	72,590 #
Reinforcing Steel	3,960 #
Cast Steel	1,740 #
Drains (Complete)	4 Req'd.
Sheet Lead	4 Req'd.

GENERAL NOTES

Concrete shall be 1:2:3 proportions.
Rivets shall be ¾" ø.
Reinforcement shall be mechanical bond bars of net section equal to the area of bars specified.
Anchor bolts shall be 1¼" ø swedge bolts 1'-3" long.
Rockers and shoes shall be annealed cast steel and masonry plates shall be structural steel.
Cover plate rivets shall stagger with rivets in web.
Rivet spacing in web of floor beams to be 5" throughout.
Finish all cast steel surfaces as shown.
Provide one piece of sheet lead 16" x ⅛" x 2'-0" under each masonry plate.
The bar between the first knee brace and end of curb shall be bent into a loop of 4" dia. to reinforce end of curb.
All edges of masonry plates shall be finished.
Masonry plates shall be cut from solid metal.

STATE PROJECT NO 5232
DIVISION JOB NO 5232
BRIDGE JOB NO B-5937

WISCONSIN HIGHWAY COMMISSION

PLATE GIRDER SPAN

60'-0" SPAN - 28'-0" ROADWAY

CORRECT: C. H. Nash
BRIDGE ENGINEER

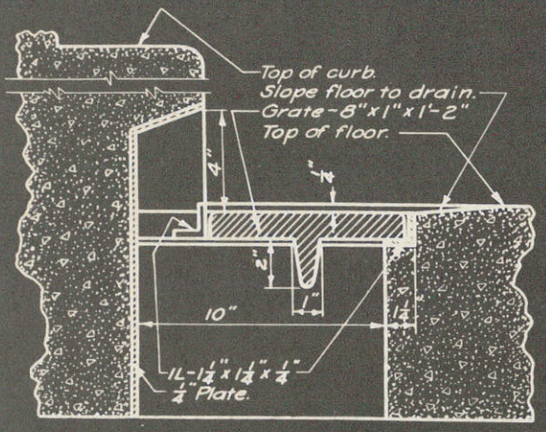
APPROVED: 1-24-30
DRAWN: A.R.M.
CHECKED: H.E.

4-19 28
C. M. Burton
STATE HIGHWAY ENGINEER

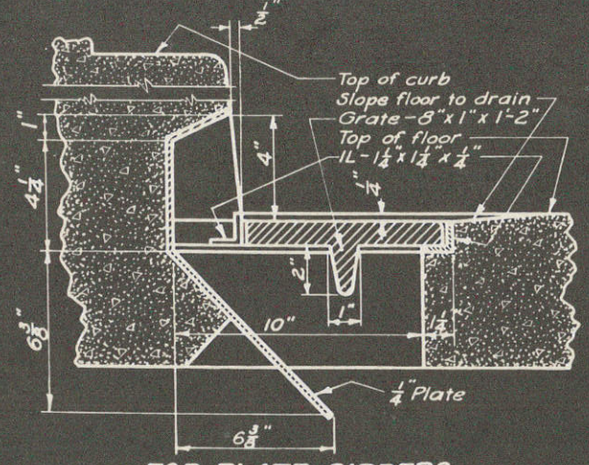
Rev. L.W.F. 9/15/54 A.R.M.
Rev. J.S.M. 7/23/58 C.E.M. Oct 20, 1959

With X 3776 Big Creek Bridge

P60-28 REV.

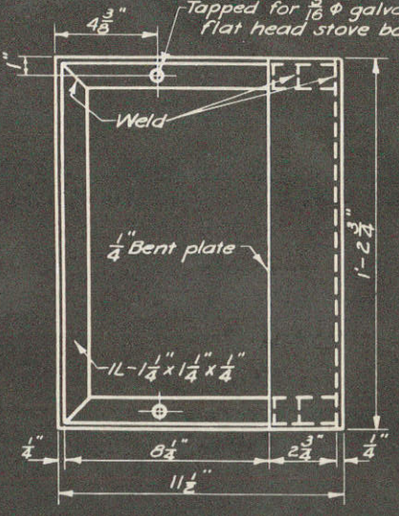


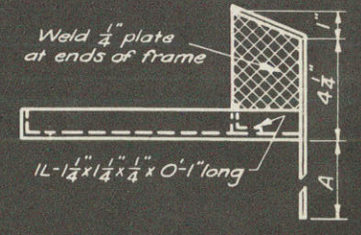
FOR SLABS



FOR PLATE GIRDERS

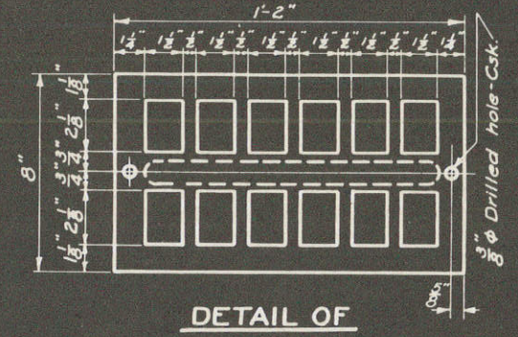
TYPICAL SECTION THRU DRAIN





DETAIL OF DRAIN FRAME

Above detail applies for slab spans. The detail for plate girders is the same except for 1/4" bent plate.



DETAIL OF C. I. GRATE

TABLE OF DIMENSIONS

SPANS		Dimension "A"
H 8	All Roadways	7"
H 10	do.	8"
H 12	do.	9"
H 14	do.	10"
H 16	do.	11 1/2"
H 18	do.	1'-0 1/2"
H 20	do.	1'-1 1/2"
H 22	do.	1'-3"
H 24	do.	1'-4"

GENERAL NOTES

Frames for drains shall be fabricated of structural steel in the shop in strict accordance with the details shown for the particular type of span desired.

Cast iron grates required. Grates to be made of resmelted pig iron.

Bolts for grates shall be 5/16" ϕ galvanized flat head stove bolts.

Weld 1/4" plate at ends of box as shown in front view of drain frame detail.

F.O.G. 9-7-29
A.K.M.

PROJECT NO.
DIVISION JOB NO.
BRIDGE JOB NO.

WISCONSIN HIGHWAY COMMISSION

DRAIN DETAILS FOR STANDARD SPANS

CORRECT:- C. J. Smith
BRIDGE ENGINEER

APPROVED:- W. T. Bruton
STATE HIGHWAY ENGINEER

DRAWN
CHECKED

PLAN DEPT. S1

FED. ROAD DIST. NO.	STATE	AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
4	WISC.	5232	1	9

DIVISION JOB NO. 5232

ESTIMATE OF QUANTITIES.

THIS PROJECT IS TO BE EXECUTED UNDER WISCONSIN STANDARD SPECIFICATIONS AS APPROVED BY THE U. S. BUREAU OF PUBLIC ROADS ON

MILE NO.	STATION TO STATION	NET LENGTH OF CENTER LINE	EXCAVATION: CLEARING	GRUBBING	EARTH	LOOSE ROCK	SOLID ROCK	BORROW	CHANNEL CHANGE	TYPE A EXPTG. DITCH	TYPE B EXPTG. DITCH	DITCHING AND OUTLET DITCH	SURFACING: BANK PROTECTION	8" CONC. PORTLAND CEMENT CONCRETE SURFACING PAVEMENT	EXPANSION JOINTS	REINF. STEEL IN PAVT.	CONC. CURBING	CUT OFF WALL	GRAVEL SURFACING	SHALE SURFACING	20 FT. B.T.MAC. SURFACING	CULVERTS: 6 FT. SPAN AND UNDER CONC.	CULVERTS: 6 FT. SPAN AND UNDER STEEL	SMALL BRIDGES: 6 FT. TO 20 FT. SPAN INCLUSIVE CONC.	SMALL BRIDGES: 6 FT. TO 20 FT. SPAN INCLUSIVE STEEL	BRIDGES OVER 20 FT. SPAN: CONC. CLASS 'A'	CONC. CLASS	REINF. STEEL	BALUSTERS	STRUCT. STEEL	CAST STEEL	PIPE: TYPE	PIPE: IN.	PIPE: TYPE	PIPE: IN.	CORRUGATED GALV. SHEET METAL PIPE: TYPE	CORRUGATED GALV. SHEET METAL PIPE: IN.	CORRUGATED GALV. SHEET METAL PIPE: TYPE	CORRUGATED GALV. SHEET METAL PIPE: IN.	WOOD PILING	DRAINAGE: 4" ϕ TILE DRAINS	WATER PROOFING	CURB AND GUTTER: STANDARD	CURB AND GUTTER: SPECIAL	SHEET LEAD	DRY EXC.	WET EXC.	GUARD FENCE: TYPE 'E'	GUARD FENCE: TYPE 'B'	GUARD FENCE: ANCHORS	GUARD FENCE: MARKER POSTS	PROJECT MARKER
		LIN. FT.	ACRES	ACRES	CU. YDS.	CU. YDS.	CU. YDS.	CU. YDS.	CU. YDS.	LIN. FT.	CU. YDS.	CU. YDS.	SQ. YDS.	SQ. YDS.	NO.	LBS.	LIN. FT.	LIN. FT.	CU. YDS.	CU. YDS.	20 FT. B.T.MAC. SURFACING	CU. YDS.	LBS.	CU. YDS.	LBS.	CU. YDS.	CU. YDS.	LBS.	NO.	LBS.	LBS.	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	NO.	NO.	LIN. FT.	LIN. FT.	LIN. FT.	NO.	CU. YD.	CU. YD.	LIN. FT.	LIN. FT.	NO.	NO.	NO.
1	0+00 20+45	1946.17			5622			420					1								4347					2932		12220		72590	1740									2700	4	28	2575			4	360	300	730		8	4	
		1946.17			5622			420													4347					2932		12220		72590	1740									2700	4	28	2575			4	360	300	730		8	4	

PLAN & PROFILE
FOR THE
LA CROSSE-SPARTA-ROAD

LACROSSE CO TH. BURNS LIN. JOB NO 5232

S 25-T 17 N-R 5 W

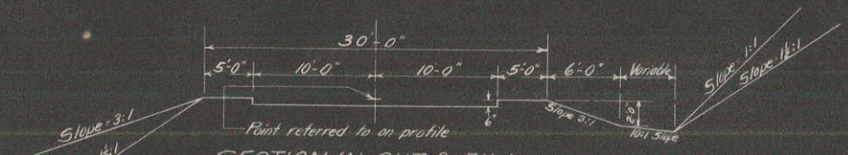
Scales: 1"=100' Hor.
1"=10' Vert.

Recommended for approval:

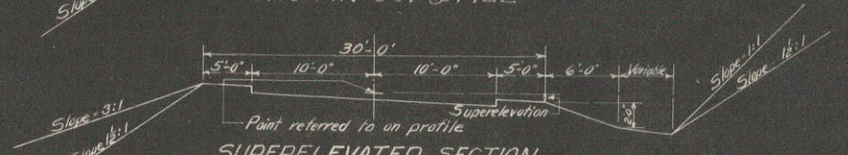
Frank Crow
Engineer Plans & Surveys

T. M. Pelgrum
Division Engineer

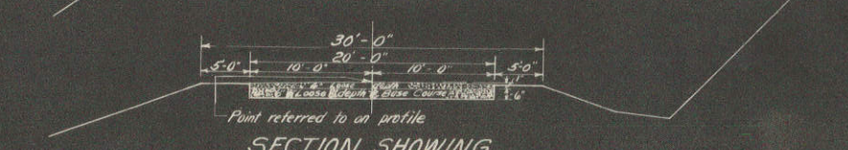
Approved: W. S. Bruce 3/4/30
State Highway Engineer



SECTION IN CUT & FILL



SUPERELEVATED SECTION



SECTION SHOWING FINISHED PAVEMENT

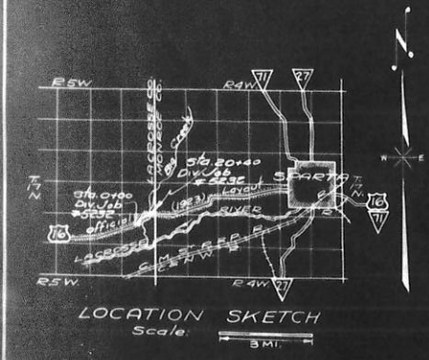
TYPICAL CROSS SECTION FOR 20' MACADAM

WISCONSIN HIGHWAY COMMISSION
MADISON-WIS.

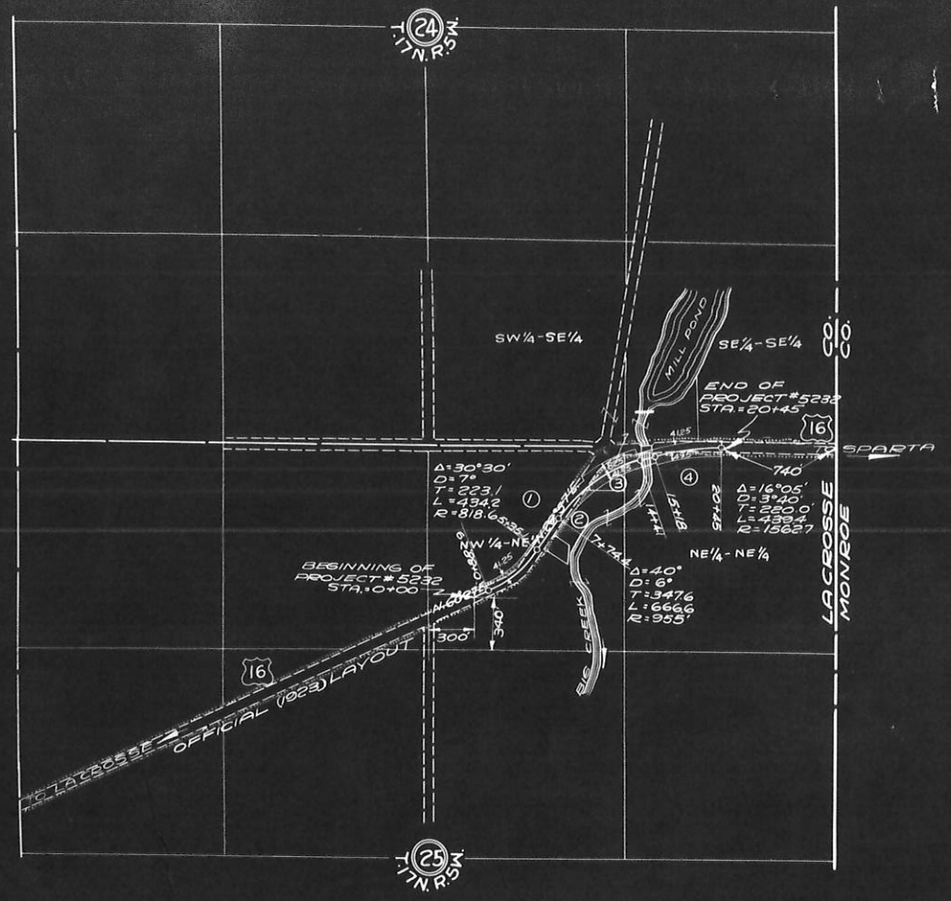
SCALE 1 IN = FT.

FED. ROAD DIST. NO.	STATE	STATE AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
4	WIS.	5232	2	9

DIVISION JOB NO. 5232



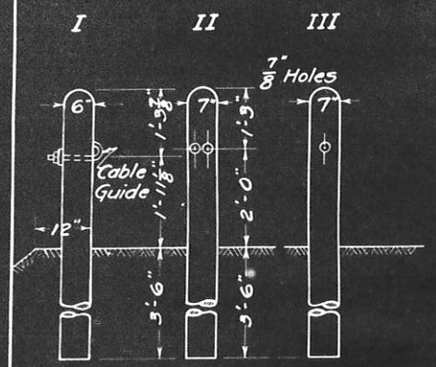
LOCATION SKETCH
Scale: 1 MI.



NO.	NAME	ADDRESS	AC.	DESCRIPTION	MORTGAGEE	ADDRESS	AMOUNT PAID					
							R/W	FENCE	BLDGS.	TOTAL	PAID	REMARKS
1	FRED STARK		0.25	NW¼-NE¼-S.25-T.17N-R5W.								
2	ED. BONSACK		0.11	" " " " "								
3	HERMAN F. MEYERS		0.56	" " " " "								
4	EMIL GERKE		0.75	NE¼-NE¼ " " "								

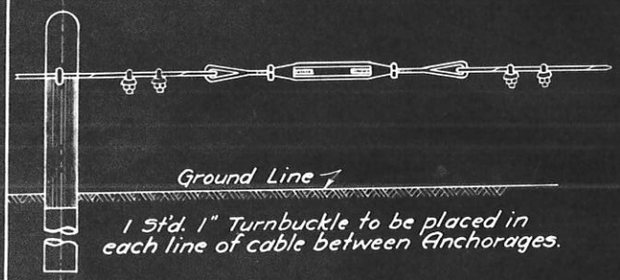
U.S.H. 16
PLAT OF RIGHT OF WAY REQUIRED
STATE AID PROJECT NO. 5232
ROCKLAND - SPARTA ROAD
LA CROSSE COUNTY

SCALE: 1000'



I Intermediate Post
II Intermediate Guide Post
III End Post

CABLE GUIDE POSTS

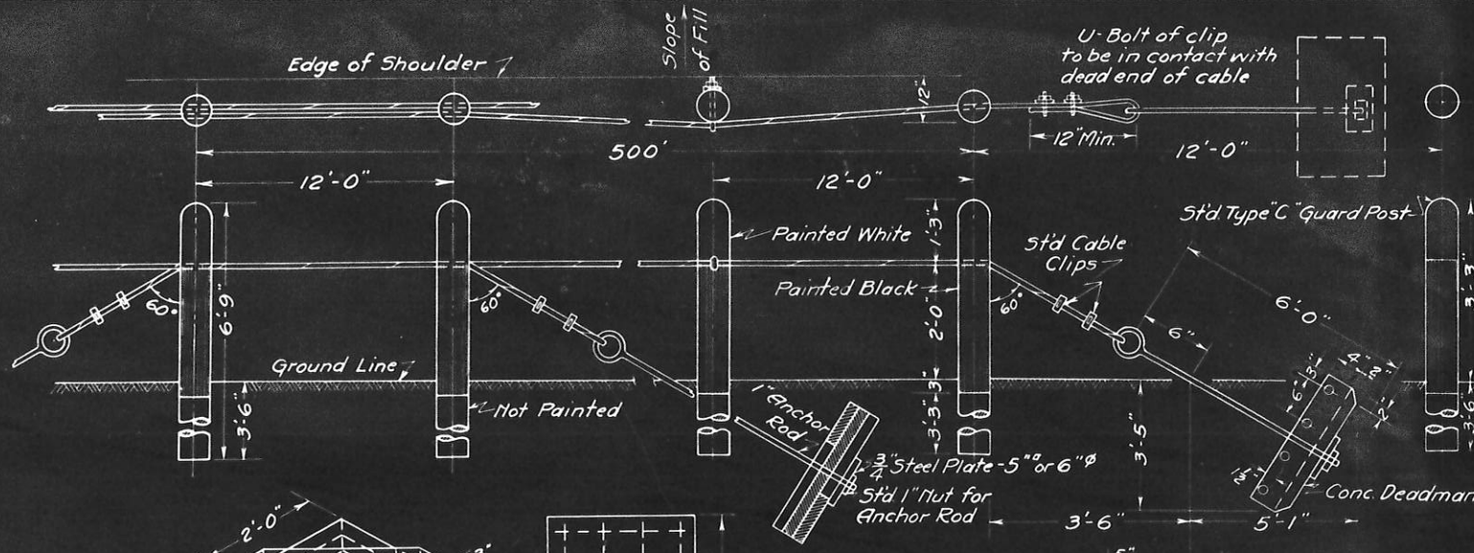


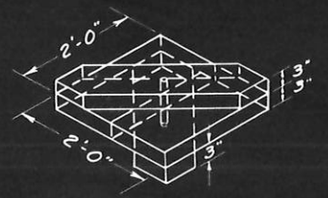
1 St'd. 1" Turnbuckle to be placed in each line of cable between Anchorages.

ANCHOR ROD

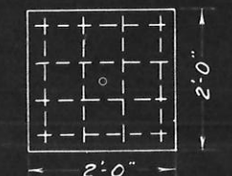
SQUARE OR ROUND PLATE FOR ANCHOR ROD

ST'D. 1" TURNBUCKLE
Min. take up = 6"
Use Turnbuckle or other approved fitting for splicing cable.

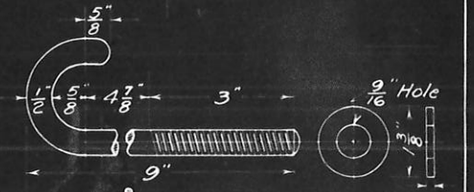




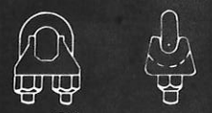
PLANK DEADMAN



CONC. DEADMAN



CABLE GUIDE & WASHER



ST'D. ¾" CABLE CLIP

GENERAL NOTES:

On right hand side as section is entered of each guard fence section of 100 feet or over, a standard Type "C" guard post shall be placed as first post. All posts shall receive 3 coats of paint after erection.

All bolts and metal fittings shall be galvanized. Cable to be double galvanized. After erection, all cable guide bolts projecting more than 1" from nut shall be cut off ½" from nut. Eye bolts and cable clips to be drop forged. All anchor rods, eye bolts and cable guides to have steel washers and nuts attached.

End posts and posts for intermediate anchors to have min. top diam. of 7" - all other posts 6". Tops of posts shall be neatly rounded. Posts shall be shaved to the white from 3" below ground line to top. Intermediate anchors to be placed not more than 500' cen. to cen. on tangents and preferably at P.C.'s and P.T.'s of curves. Anchor unit to include guy detail from face of post thru deadman.

Deadman to be of timber or concrete. Area of face to be not less than 4 sq. ft. Concrete deadman of 1:2:3 mix - reinforced with 8-½" ø bars 1'-9" long, spaced 6" c. to c. Timber deadman may be built of 3" x 12" plank. Planks to be securely spiked. Face of deadman to pull against undisturbed earth.

If anchorage detail other than shown is used at bridge ends, same shall be approved by engineer.

Details of construction not covered on plan to be in accordance with the requirements of Standard Specifications.

STANDARD DESIGN
WIRE ROPE GUARD FENCE - TYPE "E"
WISCONSIN HIGHWAY COMMISSION

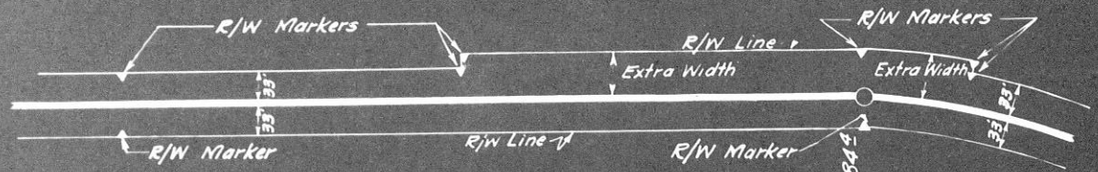
Recommended for Approval:

J. Crane
PLAN & SURVEY ENGR.

Approved:

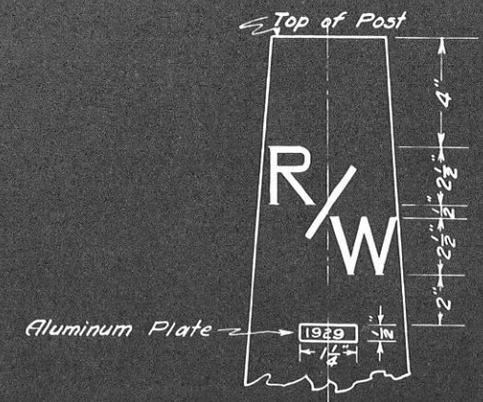
W. S. Burton
STATE HIGHWAY ENGINEER

Date: 2/18/30

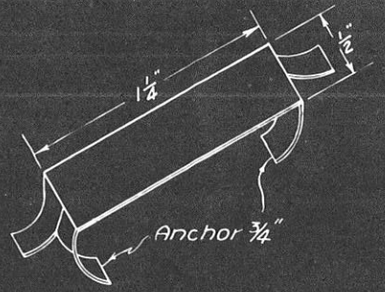


Set Right of Way Markers on Right of Way Lines at the P.C. and P.T. of Curves and at jogs in R/W Lines and preferably a sufficient number of intermediate markers so as to be visible from one to the next.
▲ R/W Markers

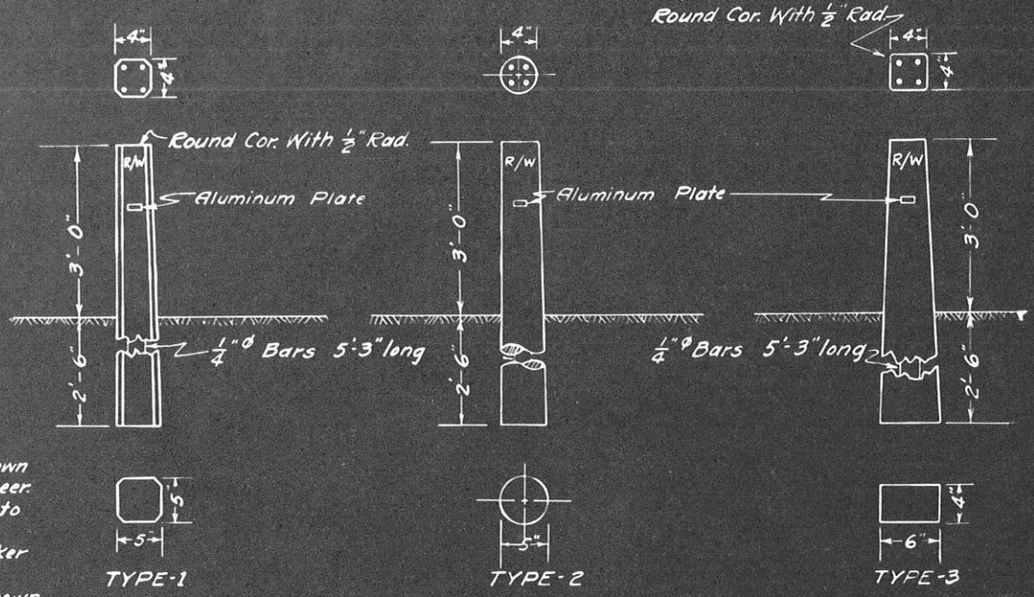
LAYOUT SHOWING LOCATION OF RIGHT OF WAY MARKERS



SECTION OF POST SHOWING MARKING AND PLATES



BLANK ALUMINUM PLATE NO. 14GA TO BE PLACED IN POST AT TIME OF MANUFACTURE. STAMP PLATE WITH YEAR OF CONSTRUCTION OF PROJECT.



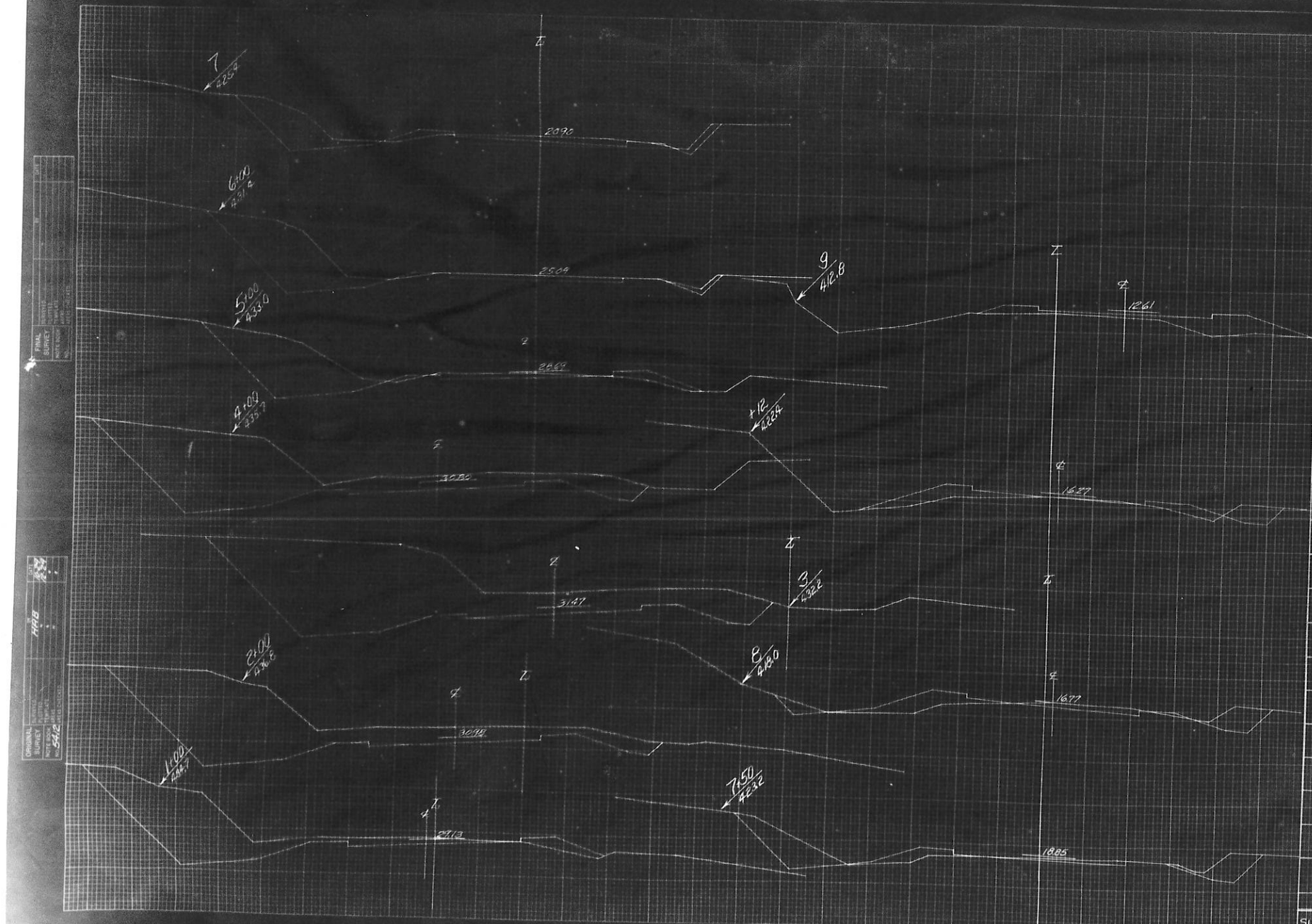
DESIGN OF CONCRETE MARKER POSTS
POST TO BE REINFORCED
WITH 4-¼" ROUND BARS OR THE EQUIVALENT

GENERAL NOTES:
Cement, Aggregates, Reinforcing Steel and Water to conform to the requirements of the Standard Specifications of W.H.C.
Mixture to be used to be approved by the Engineer.

Markers to be set where shown on plan or directed by Engineer. The stamped side of marker to face the ℄ of the Highway. Set the back face of the marker on the Right of Way Line.
Design of post to be as shown or approved by Engineer.

STANDARD DESIGN
R/W MARKER POST
WISCONSIN HIGHWAY COMMISSION

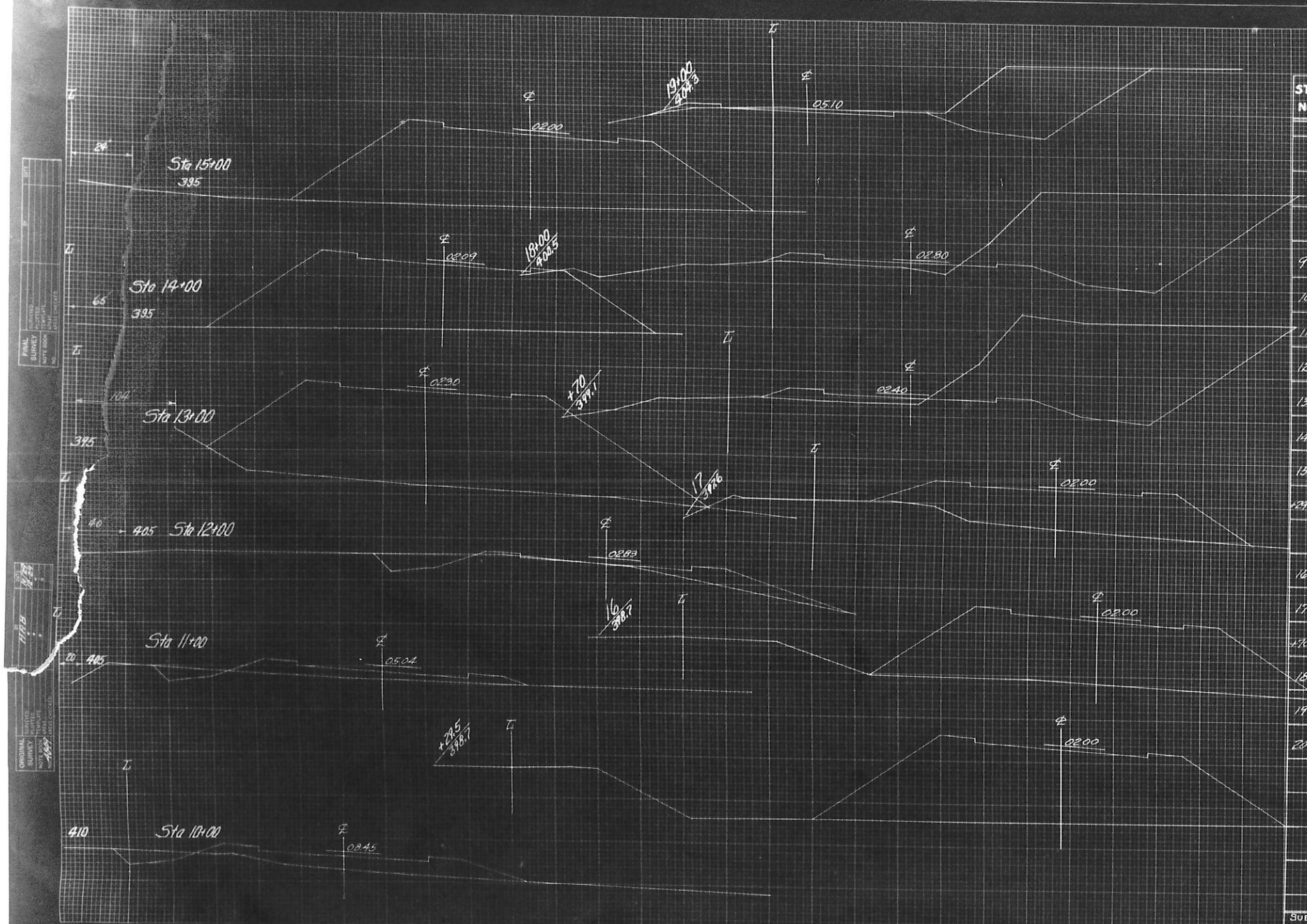
Recommended for Approval
CONSTRUCTION ENGINEER
Approved:-
STATE HIGHWAY ENGINEER
Date 2/21/29



FED. ROAD DIST. NO.	STATE	STATE PROJ. NO.	SHEET NO.	TOTAL SHEETS
4	MISC.	5232	7	9

DIVISION JOB NO. 5232

STA NO.	END AREA CUT SQ. FT.	END AREA FILL SQ. FT.	DIST. BETWEEN STA. IN FT.	YARDAGE CUT CU. YDS.	YARDAGE FILL CU. YDS.	YARDAGE ROCK CU. YDS.
0	0	0				
				231	22	
1	125	12				
			101	656	22	
2	228	0				
				1019	0	
3	325	0				
			86	867	0	
4	219	0				
			101	546	24	
5	74	13				
				276	28	
6	75	2				
				209	17	
7	38	7				
			50	74	17	
+50	41	11				
			50	57	32	
8	21	23				
			12	7	13	
+12	11	35				
			50	9	120	
9	0	39				
SUB TOTAL				3951	295	



FED. ROAD DIST. NO.	STATE	STATE PROJ. NO.	SHEET NO.	TOTAL SHEETS
4	WISC.	5232	8	9

DIVISION JOB NO. 5232

STA NO.	END AREA CUT SQ. FT.	END AREA FILL SQ. FT.	DISTANCE LIN. FT.	YARDAGE CUT CU. YDS.	YARDAGE FILL CU. YDS.	YARDAGE ROCK CU. YDS.
9	0	39				
10	7	60	100	17	187	
11	7	34	100	32	181	
12	12	31	100	37	130	
13	0	471	50	13	387	
14	0	332		0	670	
15	0	364		0	1354	
+395	0	380		0	413	
16	0	380		0	1098	
17	0	174	50	298	252	
+70	323	18	30	311	18	
18	237	17		702	41	
19	142	5		263	9	
20	0	0				
SUB TOTAL				1663	4840	
TOTAL				5614	5035	

FINAL SURVEY — DRAWING — CUTTER — NOTE BOOK — PAGE — DATE CHECKED

ORIGINAL SURVEY — DRAWING — CUTTER — TRIPLATE — NOTE BOOK — PAGE — DATE CHECKED

GRADE SHEET

FED. ROAD DIST. NO.	STATE	S.H. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
4	WISC.	523-3	9	9

DIVISION JOB NO. 3232

STAKE No. 1	DISTANCE FROM STAKE TO C. L. OF NEW ROAD 2	DISTANCE CENTER OF NEW SUBGRADE ABOVE OR BELOW TOP OF STAKE 3	CUT OR FILL 4	ELEVATION TOP OF STAKE 5	DISTANCE C. L. TO SLOPE STAKES LEFT OF C. L. 6	RIGHT OF C. L. 7

FINAL SURVEY — SURVEYED, PLOTTED, TEMPLATE, NOTE BOOK, PAGE CHECKED, CUT, FILL

ORIGINAL SURVEY — SURVEYED, PLOTTED, TEMPLATE, NOTE BOOK, PAGE CHECKED, CUT, FILL

STAKE No. 1	DISTANCE FROM STAKE TO C. L. OF NEW ROAD 2	DISTANCE CENTER OF NEW SUBGRADE ABOVE OR BELOW TOP OF STAKE 3	CUT OR FILL 4	ELEVATION TOP OF STAKE 5	DISTANCE C. L. TO SLOPE STAKES LEFT OF C. L. 6	RIGHT OF C. L. 7
0	32.4 R	Below 6.46	Grade	432.56	40	20
1	32.4 R	" 6.20	C-0.2	435.50	40	21
2	25.5 R	" 6.51	C-1.4	437.31	40	25
3+12	27.0 L	" 1.54	C-1.9	432.24	40	26
4	24.3 R	" 5.78	C-0.7	434.28	40	24.5
5	34.2 R	" 4.97	Grade	435.47	37.5	22.5
6	37.2 R	" 7.11	"	432.21	38	21.5
7	38.8 R	" 5.09	"	426.09	35	21
+50	37.1 R	" 5.12	F-0.3	423.92	35.5	26
8	36.0 R	" 1.87	Grade	418.67	32	26.5
+12	36.0 R	" 6.85	F-0.5	423.18	26	26
9	37.9 R	" 1.04	F-0.9	413.74	18	23
10	58.7 R	" 0.76	F-2.1	409.26	27	23
11	89.3 R	" 2.30	F-1.4	407.20	27	18
12	72.5 R	" 1.85	F-0.6	404.55	27	29.5
13	76.3 R	" 1.10	F-0.2	403.30	25.5	34
14	116.5 R	Above 3.89	F-8.1	398.11	28.5	24.5
15	81.7 R	" 2.97	F-8.7	397.03	29	26.5
+29.5	73.0 R	" 2.69	F-9.1	397.31	29.5	26.5
16	57.6 R	" 2.84	F-7.8	399.16	26.5	27.5
17	42.9 R	" 3.84	F-4.9	398.16	22.5	23.5
+70	40.1 R	" 2.74	F-1.1	399.76	17.5	46.5
18	44.7 R	" 1.83	F-0.8	401.17	19	46.5
19	16.7 R	" 0.32	Grade	404.88	22	41.5
20	10.7 R		"			

STAKE No. 1	DISTANCE FROM STAKE TO C. L. OF NEW ROAD 2	DISTANCE CENTER OF NEW SUBGRADE ABOVE OR BELOW TOP OF STAKE 3	CUT OR FILL 4	ELEVATION TOP OF STAKE 5	DISTANCE C. L. TO SLOPE STAKES LEFT OF C. L. 6	RIGHT OF C. L. 7

NOTE: IN GRADING CHECK HEIGHT OF FINISHED GRADE BY COLUMN No. 3 OF GRADE SHEET.

IN SETTING SLOPE STAKES, FACE IN DIRECTION IN WHICH STATION NUMBERS INCREASE.