INDEX OF SHEETS

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EET NO 9-14 DRAINAGE STRUCTURES AND STANDARD DETAILS

HEET NO. 15-27 CROSS SECTIONS

82 1. V. J. S. Est. M. 1891 El -

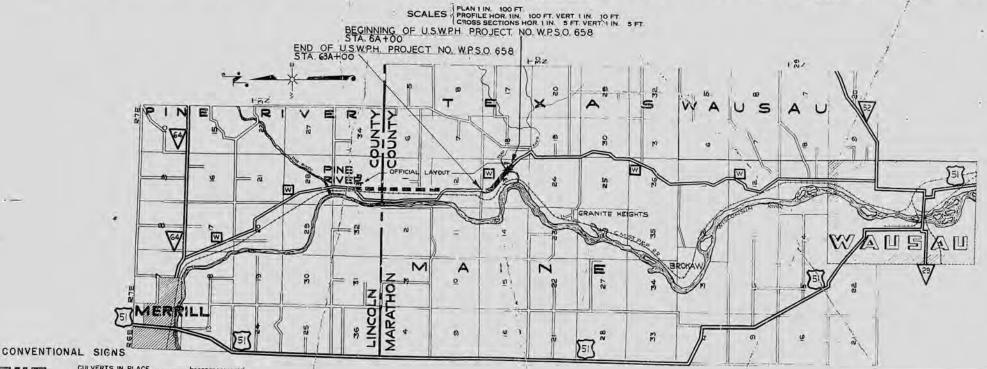
WISCONSIN HIGHIOF A B . Mar. 1914

PLAN AND PROFILE OF PROPOS ID

# WAUSAU - NORTH COUNTY LINE IROX MARATHON COUNTY

U.S. WORKS PROGRAM HIGHWAY PROJECT NO. W.PS.O. 658

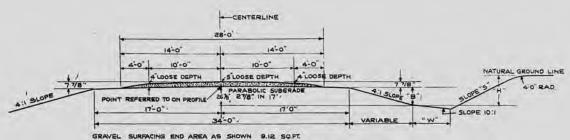
BEGINNING AT A POINT 1260 FT. NORTH AND 430 FT. WEST OF THE SOUTHEAST CORNER OF SEC. 13 T30 N. RTE. THENCE NORTHWESTERLY AND NORTHERLY TO A POINT 100 FT. NORTH & 932 FT. WEST OF THE S 1/4 COR. OF SEC. 12 TENT



CULVERTS IN PLACE. CULVERTS REQUIRED DROP INLET .... CTION LINE TELEPHONE OR TELEGRAPH POLE RE FENCE WOVEN REFERENCE STAKE FOR HUBS ONLY ... GRADE ELEVATION.

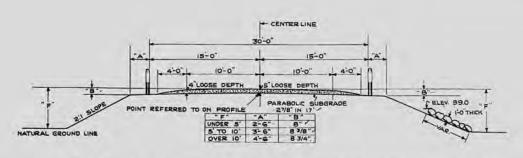
U.S. DEPARTMENT OF AGRICULTURE BURGAU OF PUBLIC ROADS W. Hanco Ch Krilly PATE

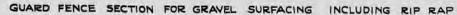
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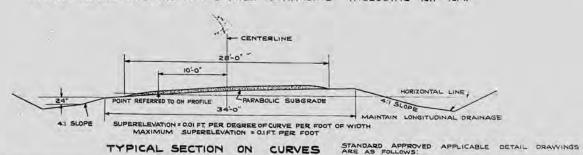


HALF SECTION IN CUT HALF SECTION IN LOW FILL TYPICAL SECTION FOR GRAVEL SURFACING

"B" = 24" STA GA+00 TO 63A+00 LR







#### TYPICAL SECTION ON CURVES

		A STATE OF THE STA
	TABLE OF W'S	CH VALUES
	"W" = 3-0" MIN, WHERE "W" = 4-0" MIN, WHERE "W" = 5-0" MIN, WHERE	"H"= SFT OR LESS "H"= SFT TO IDFT "H"= OVER IO FEET
	CUT SLOP	E "S"
	EARTH SLOPES { 2:1	SAND
ż	ROCK SLOPES { 1:1	SHALE AND SANDSTONE

TYPICAL CROSS SECTION FOR

SD IG

ULTIMATE 30 FT. ROADBED

SCALE.

PLAN VIEW
and Marketine

ELEVATION

RIP RAP FOR PIPE CULVERT HEADWALLS

TO THE WAY WANT

TABLE OF QUANTITIES ROCK PER HOWL 24 42" 54" 27" 24" "B"

2.0 2.5 3.0 3.5

WIRE CABLE GUARD FENCE MARKER POSTS CONSTRUCTION BARRICADE

## ESTIMATE OF QUANTITIES

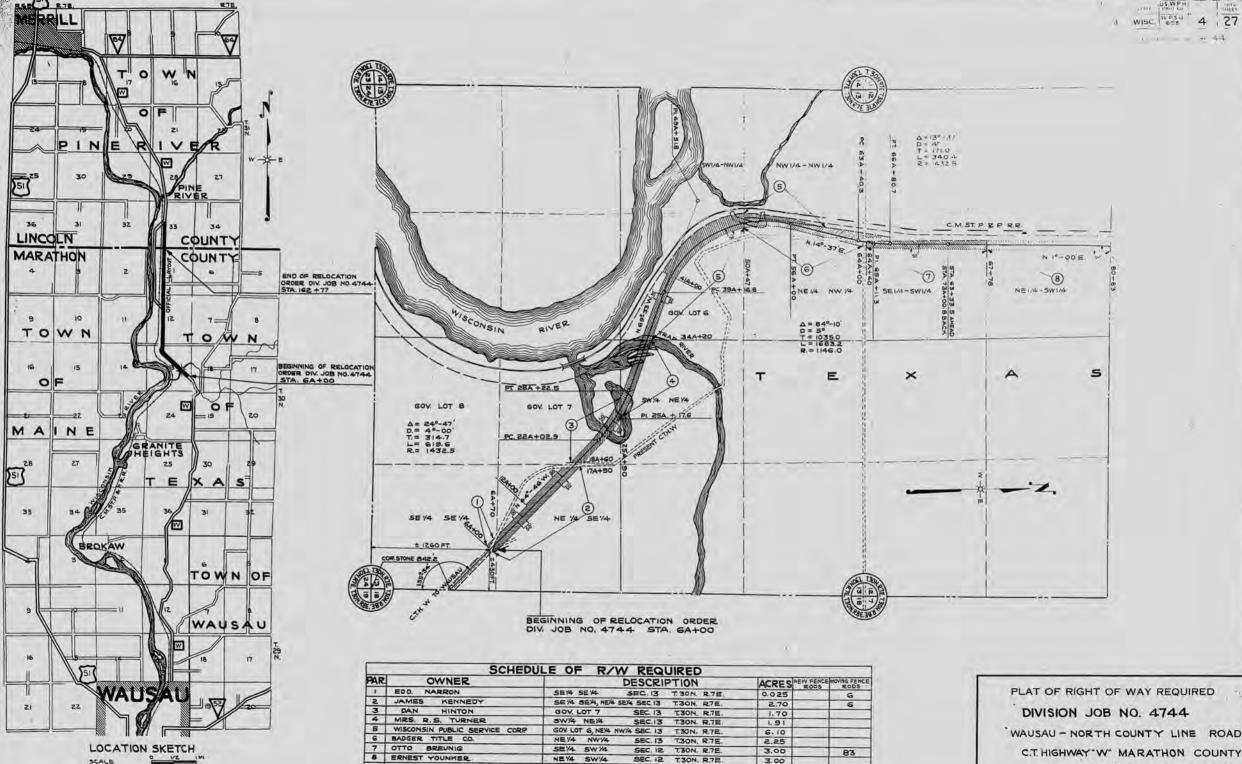
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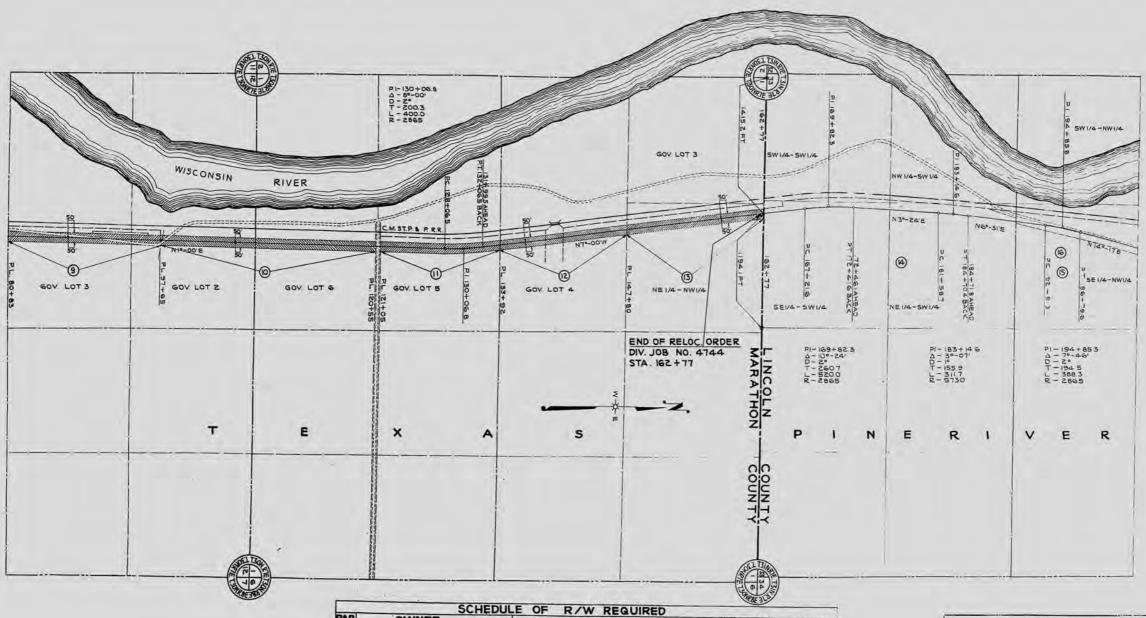
PLAT OF RIGHT OF WAY REQUIRED WAUSAU - NORTH COUNTY LINE ROAD C.T. HIGHWAY "W" MARATHON COUNTY SCALE

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122 12-12-35 C.T. 4 "W" OCATION OF GRNER STONES 10 (60 FONE 500 / 730 N 87E 1244 TSONK 75 1 162+882 /11/0/11/0 13758 1/1/1/1/1/1/01/(0. 162+78-7 1842 SE COR STONE SEC. 24 6 EAST & GR. N STONE Jec. 13 517 T.3011 ON Alerical Line 0400 A

FEO. ROAD STATE USWPH SHEET FOR A MINE TO THE PROJECT NO. 1011 TO THE PROJECT

DIVISION JOB NO 4744



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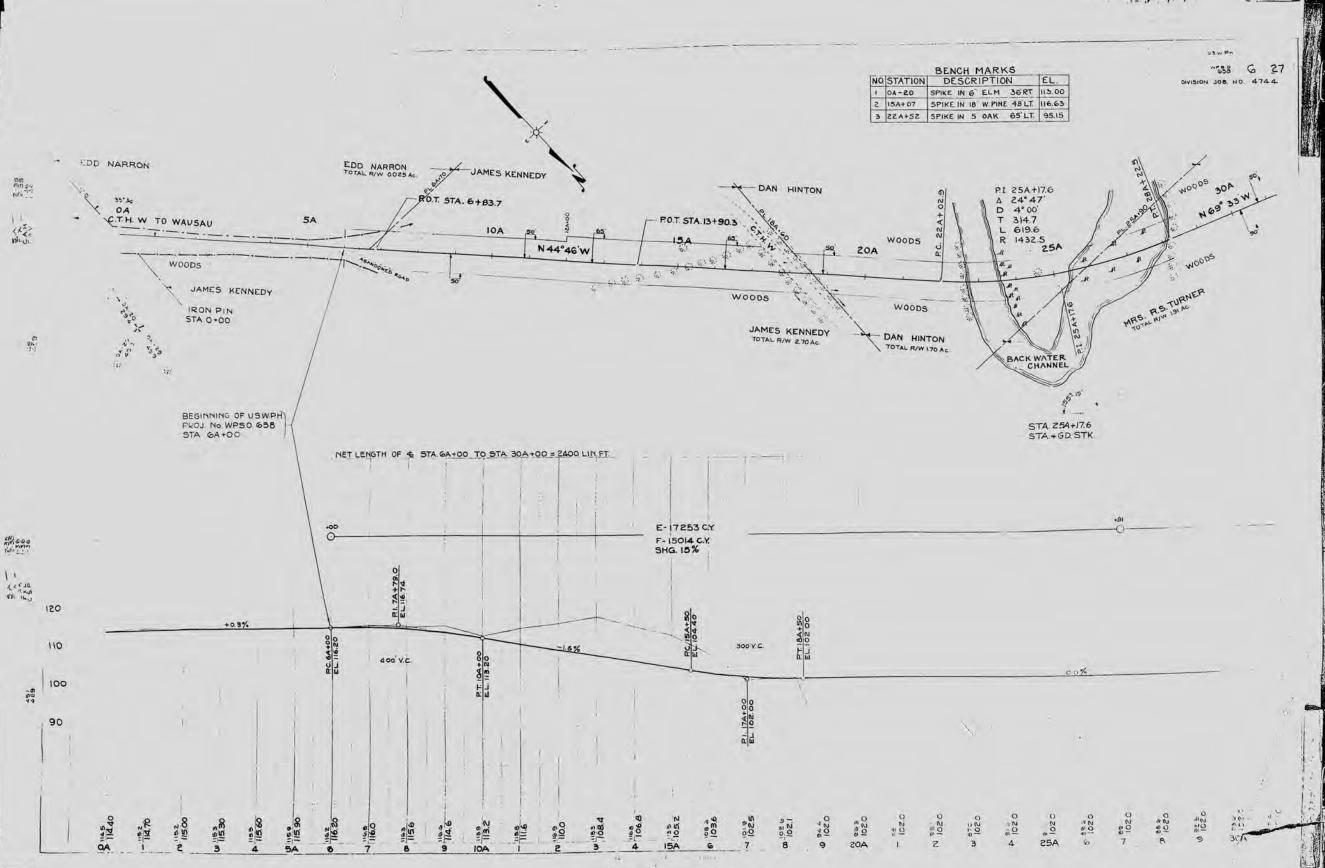
PLAT OF RIGHT OF WAY REQUIRED

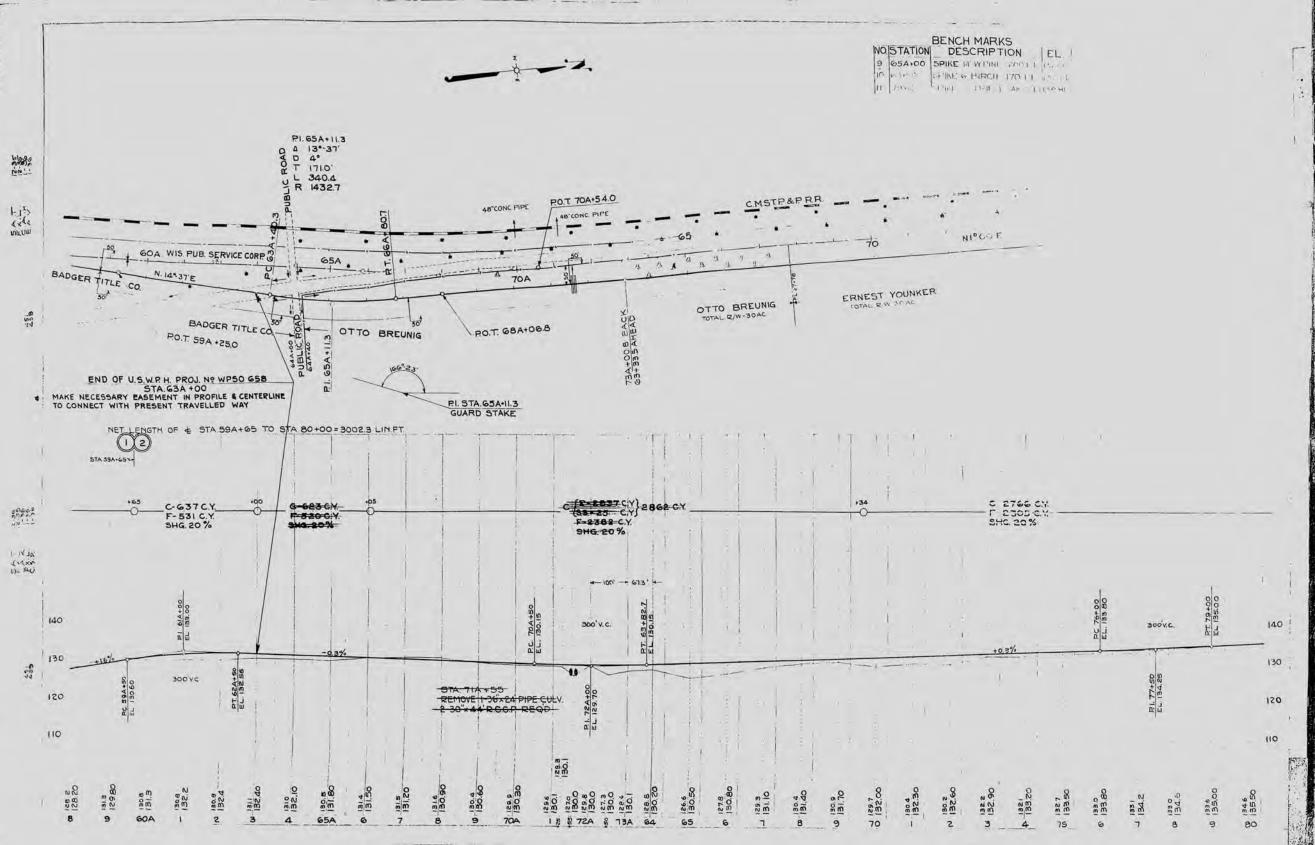
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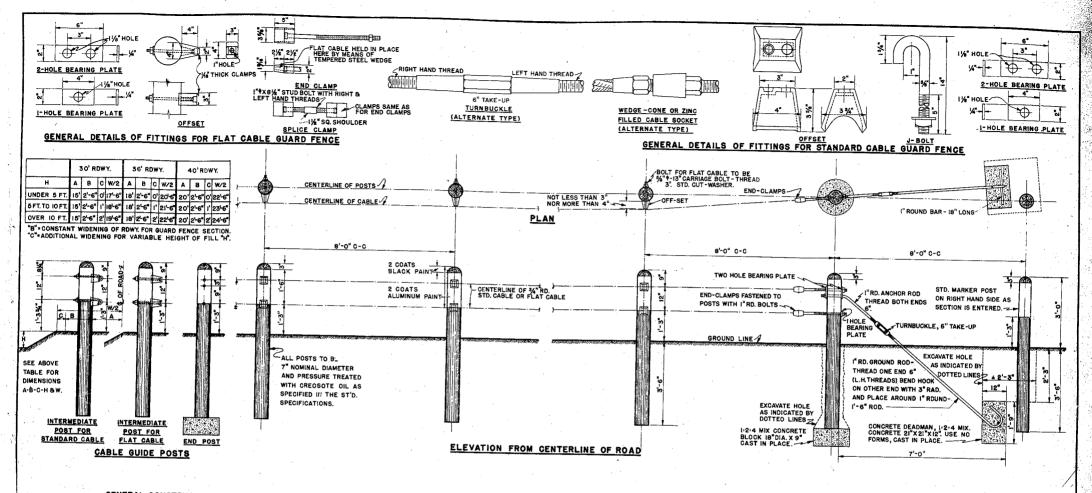
DIVISION SOB NO. 4144

WAUSAU - NORTH COUNTY LINE WALD
C.T. HIGHWAY "W" MARATHON COUNTY

5CALE 0 200 400 600







#### 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.

SAMPLES OF THE FITTINGS, INCLUDING TURNBUCKLES, END-CLAMPS, SPLICE-CLAMPS, AND OFF-SETS, WITH FOURTEEN (14) DETAILED DRAWINGS, MUST BE SUBMITTED TO THE STATE HIGHWAY COMMISSION FOR APPROVAL BEFORE THEIR USE WILL BE PERMITTED.

ALL FITTINGS MUST BE GALVANIZED, AND IF THE GALVANIZING IS BROKEN DURING ERECTION, THEY WILL BE REJECTED AND MUST BE REPLACED.

IN GENERAL, NO CONTINUOUS SECTION OF GUARD FENCE SHALL EXCEED ONE THOUSAND (1,000) FEET.

AFTER ERECTION, ALL CABLE OFF-SET BOLTS PROJECTING MORE THAN ONE (I) INCH FROM NUT SHALL BE CUT OFF ONE-HALF (1/2) INCH FROM NUT AND CHECKED.

IF ANCHORAGE DETAIL OTHER THAN SHOWN IS USED AT BRIGGE ENDS, THE SAME MUST BE APPROVED BY THE ENGINEER.

CABLE SPLICES AND CONNECTIONS MUST BE MADE OF WEDGE TYPE CONNECTIONS CAPABLE OF DEVELOPING THE FULL STRENGTH OF THE CABLE. IN CASE IT IS NECESSARY TO SPLICE CABLE, SUCH SPLICE SHALL BE MADE AS A CABLE TAKE-UP AS INDICATED IN ABOVE OETAILS.

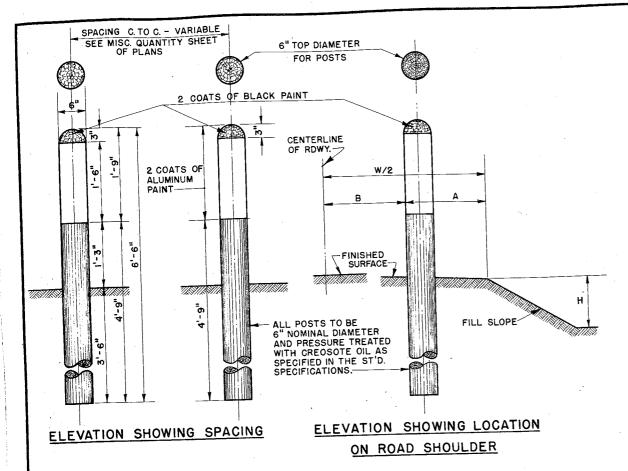
STANDARD DESIGN WIRE CABLE GUARD FENCE

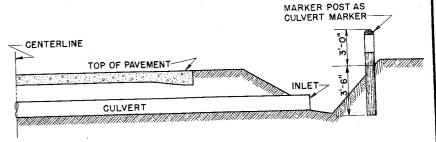
STATE HIGHWAY COMMISSION OF WISCONSIN

Frank Crave
DESIGN ENGINEER
APPROVED

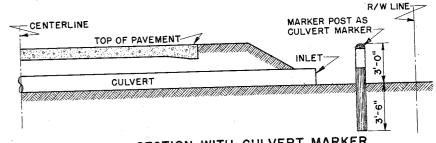
WH. R.B.S.

15/55 STATE HANNEY ENGINEER





## HALF CUT SECTION WITH CULVERT MARKER



### HALF FILL SECTION WITH CULVERT MARKER

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

MARKER POSTS FOR RIGHT OF WAY MARKERS SHALL BE PLACED WHERE DIRECTED BY THE ENGINEER.

### TABLE OF DIMENSIONS

	30' RC	WY.		36' RC	WY.		40' RD'	WY.
В	Α	W/2	В	Α	W/2	В	Α	W/2
15	2'-6"	!7'-6"	18'	2'-6"	20'-6"	20'	2,-6,,	22'-6"
15	3'-6"	18'- 6"	18,	3'-6"	21'-6"	20'	3'-6"	23'-6"
-	<del> </del>		18'	4'-6"	22'-6"	20'	4'-6"	24'-6"
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### GENERAL NOTES

ALL POSTS SHALL BE SHAVED TO THE WHITE BEFORE TREATING.

TOP OF POST SHALL BE NEATLY ROUNDED.

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

PAINT AND APPLICATION SHALL CONFORM TO PERTINENT SPECS.

#### STANDARD DESIGN MARKER POSTS

STATE HIGHWAY COMMISSION OF WISC.

RECOMMENDED FOR APPROVAL

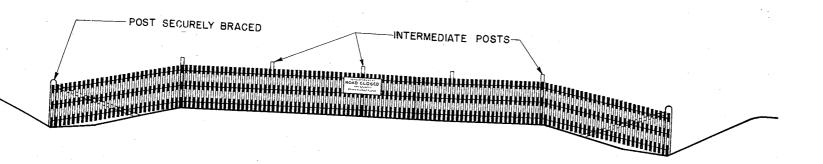
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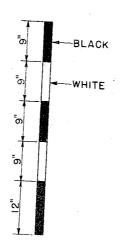
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SD-12

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.

STATE HIGHWAY COMMISSION OF WISCONSIN

CONSTRUCTION
BARRICADE

RECOMMENDED FOR APPROVAL:

FLAGAL
DESIGN ENGINEER

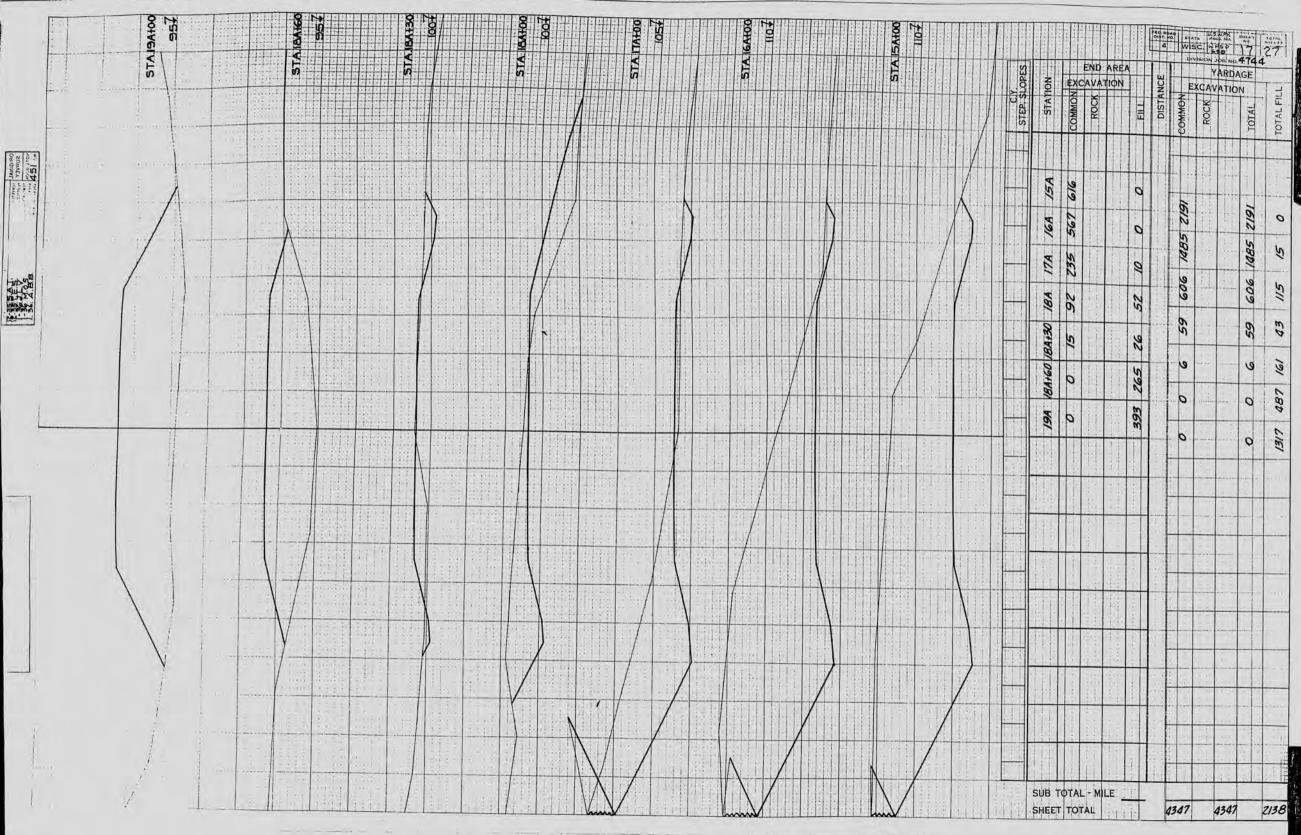
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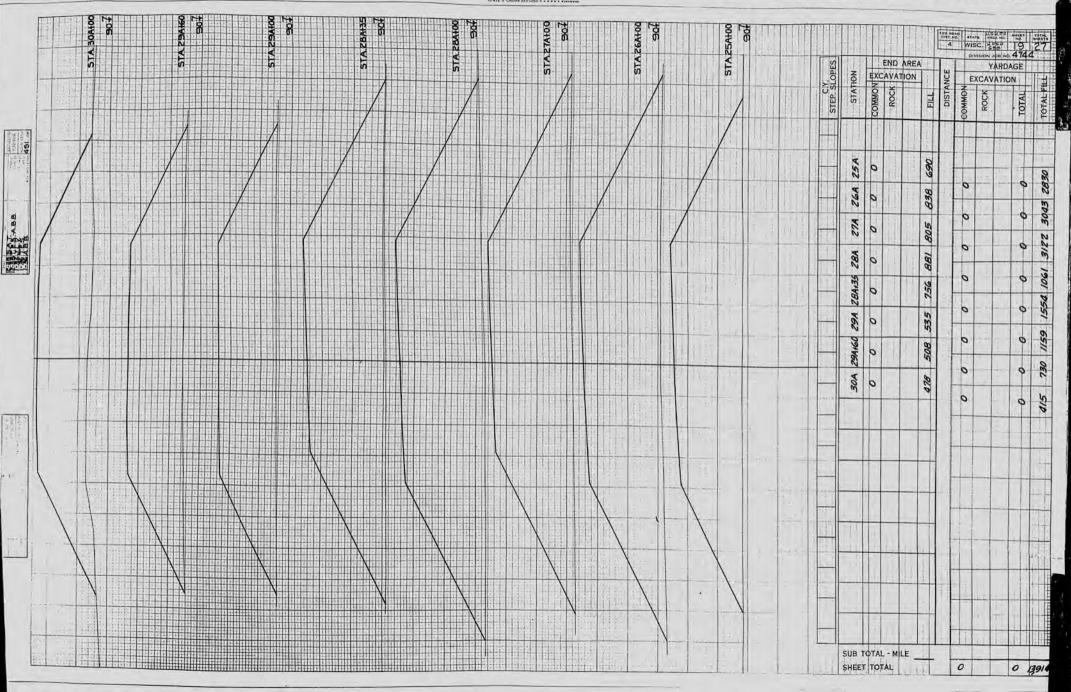
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CHECKED WHG DATE STATE HIGHWAY ENGINEER

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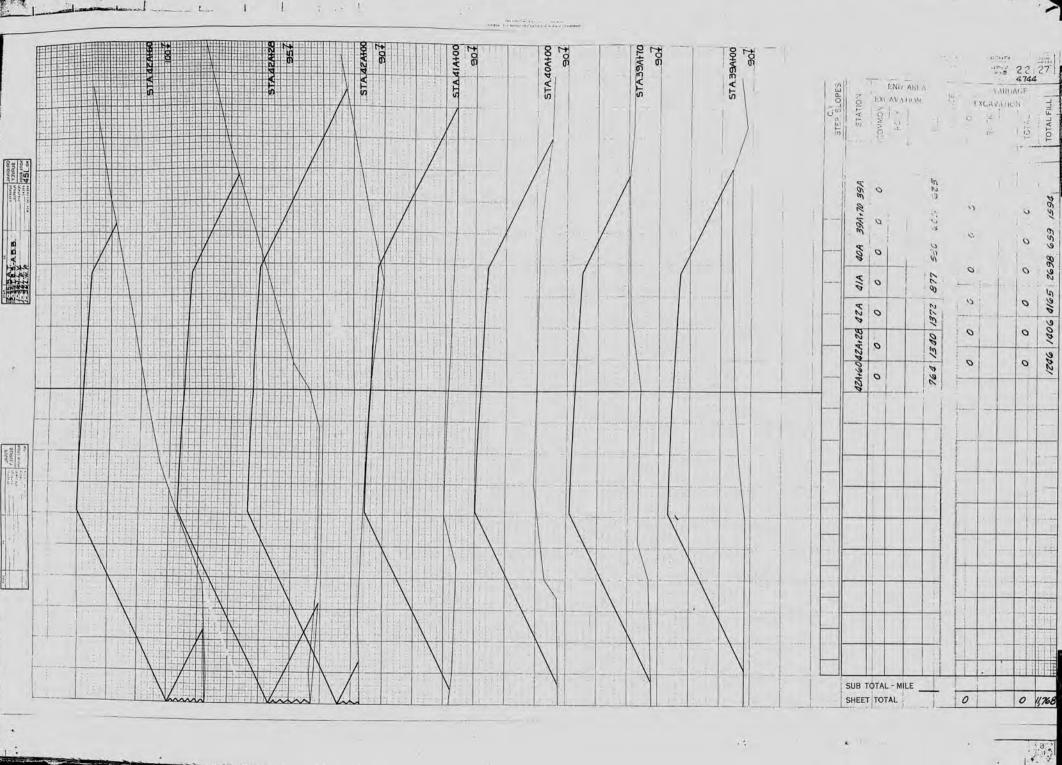


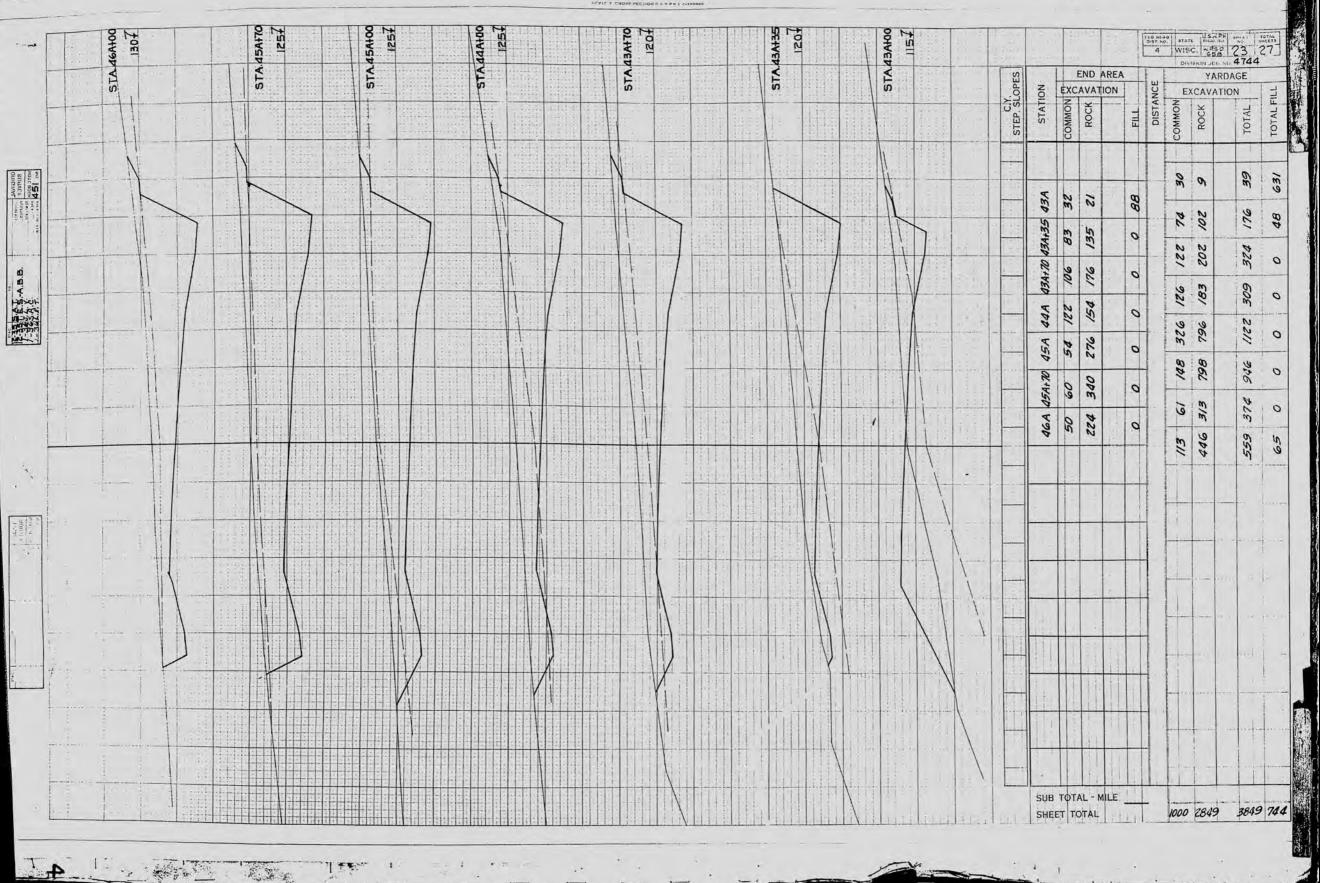
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206 £06 206 STA 32A+92 STA.32A400 STA. 3IAH67 STA. 31A+50 506 PER ROAD STATE PROJ AGE STATE TOTAL FILL -36 M 25 SUB TOTAL - MILE 0 6421 0 SHEET TOTAL

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STA.37A450 STA.38A400 STA 35AH00 STA.37AF00 STA.36ALOO STA.34A442 STA33A432 106 STA.34A+00 Wisc, Kass 21 27 STEP. SLOPES END AREA YARDAGE EXCAVATION COMMON ROCK NO NOILEANDARD STATION FILL COMMON 3444E 169 0 0 0 0 0 0 0 380 0 0 37A 0 208 0 0 580 0 0 384 222 0 5602 0 0 SUB TOTAL - MILE 0 0 8646 SHEET TOTAL





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								804.70 SOA+50 SOA	9 552 299	511 135
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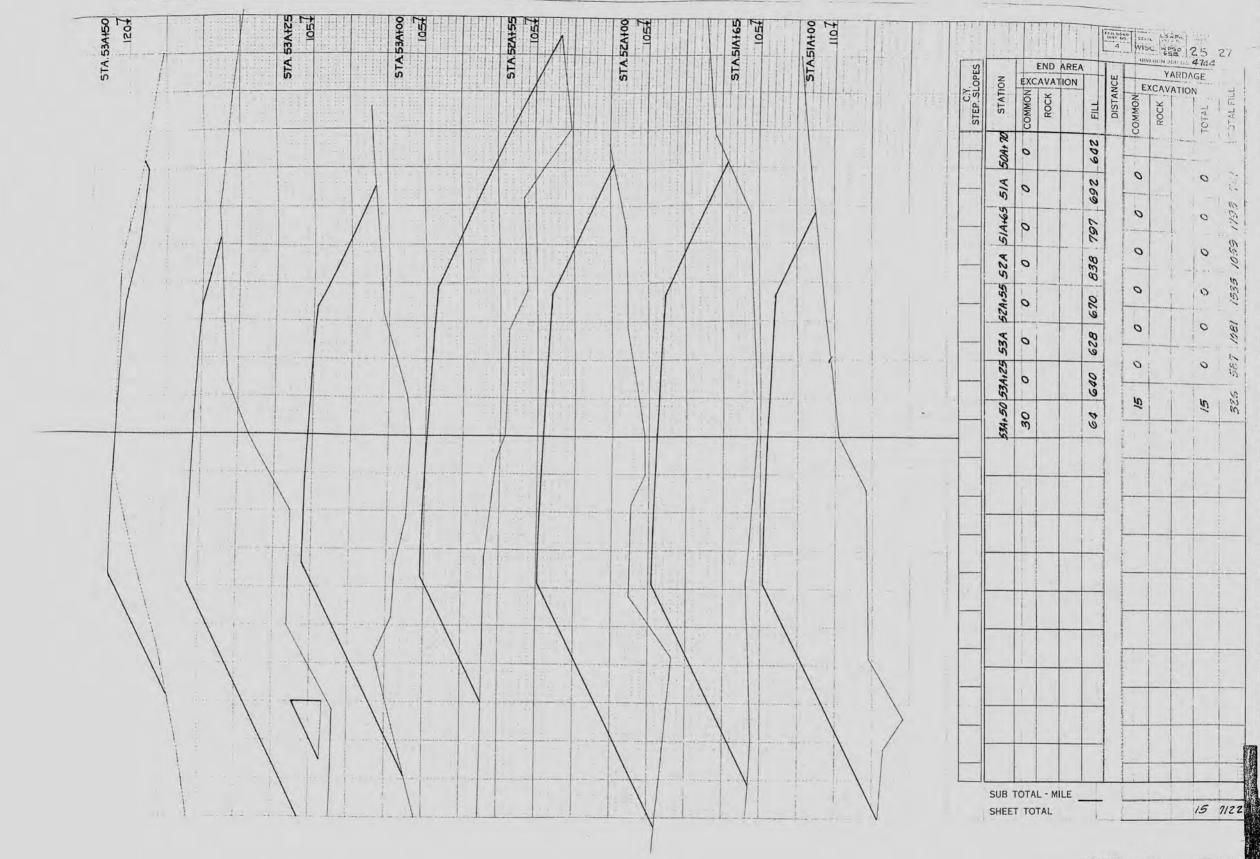


PLATE 3 CHOUS SECTION OF WANT STANK

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