Index of Sheets

TOTAL SHEETS = 8

Sheet No. 1 Title Sheet No. 2 - 22 Detail

3 Estimate of Quantities Miscellaneous Quantities Sheet No. 6 - 6.2 Standard Details

STATE OF WISCONSIN

DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS

FEDERAL PROJECT STATE PROJECT **PROJECT** CONTRACT 6664-1-71 ROS 0847(1) 6355-2-71 ROS 0566(I)

PLAN AND PROFILE OF PROPOSED

C.T.H. "C" - S.T.H. 153 RD. S.T.H. 82 - NO. CO. LINE RD.

(MOON BRIDGE APPROACHES)

C.T.H. "O"

MARATHON COUNTY

STATE PROJECT NUMBER 6664-1-71 ADAMS COUNTY

STATE PROJECT NUMBER 6355-2-7

Plan 1 in. = 100 ft. & !" = 200 ft.

Mosinee



SITE OF PROJECT 6664-1-71

Design Designation PROJECT 6664-1-71

1978 = 520

1998 = 700 (1998) = 99= 60-40

- 50 M.P.H.

= 6% A.D.T.

PROJECT 6355-2-71

A.D.T. 1978 = 550-750 A.D.T. 1998 = 1050-1150 D.H.V. (1998) = !47-161

Hedae

= 60-40 = 4.3% D.H.V. = 15-50 M.P.H.

SITE OF PROJECT 6355-2-71

Adams County

DATE 3/22/78 TITLE COMMISSIONER

STATE OF WISCONSIN DIVISION OF HIGHWAYS

... COUNTIES ... J.R.T. WEN COMMEN SBB

APPROVED FOR: ADAMS COUNTY

Calin E. Cook

Conventional Signs

Base or Survey Line

Caution Symbol (combustible fluids , .

under pressure)

County Lune Township or Range Line Section Line New Right of Way Line Present Right of Way Line Wire Lence

Corporate or City Limits 1111111111 Property Line Traveled Way or P.E. Railroads . . .

Culverts in Place Culverts Required Drop Inlet Power Polé Telephone or Telegraph Pole Right of Way Markers Reference Stake for Hubs Only

Ground Elevation

Grade Elevation

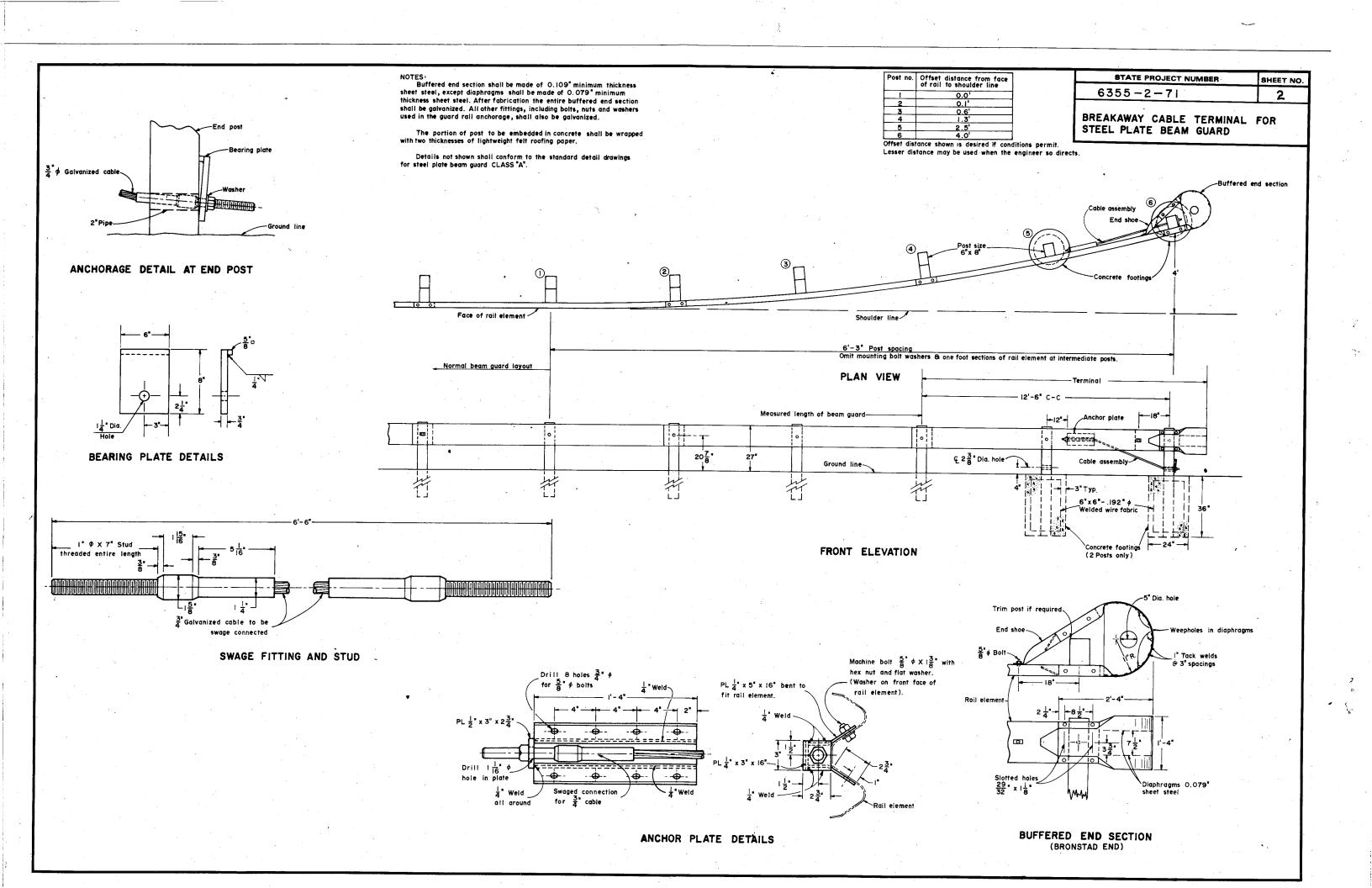
Layout

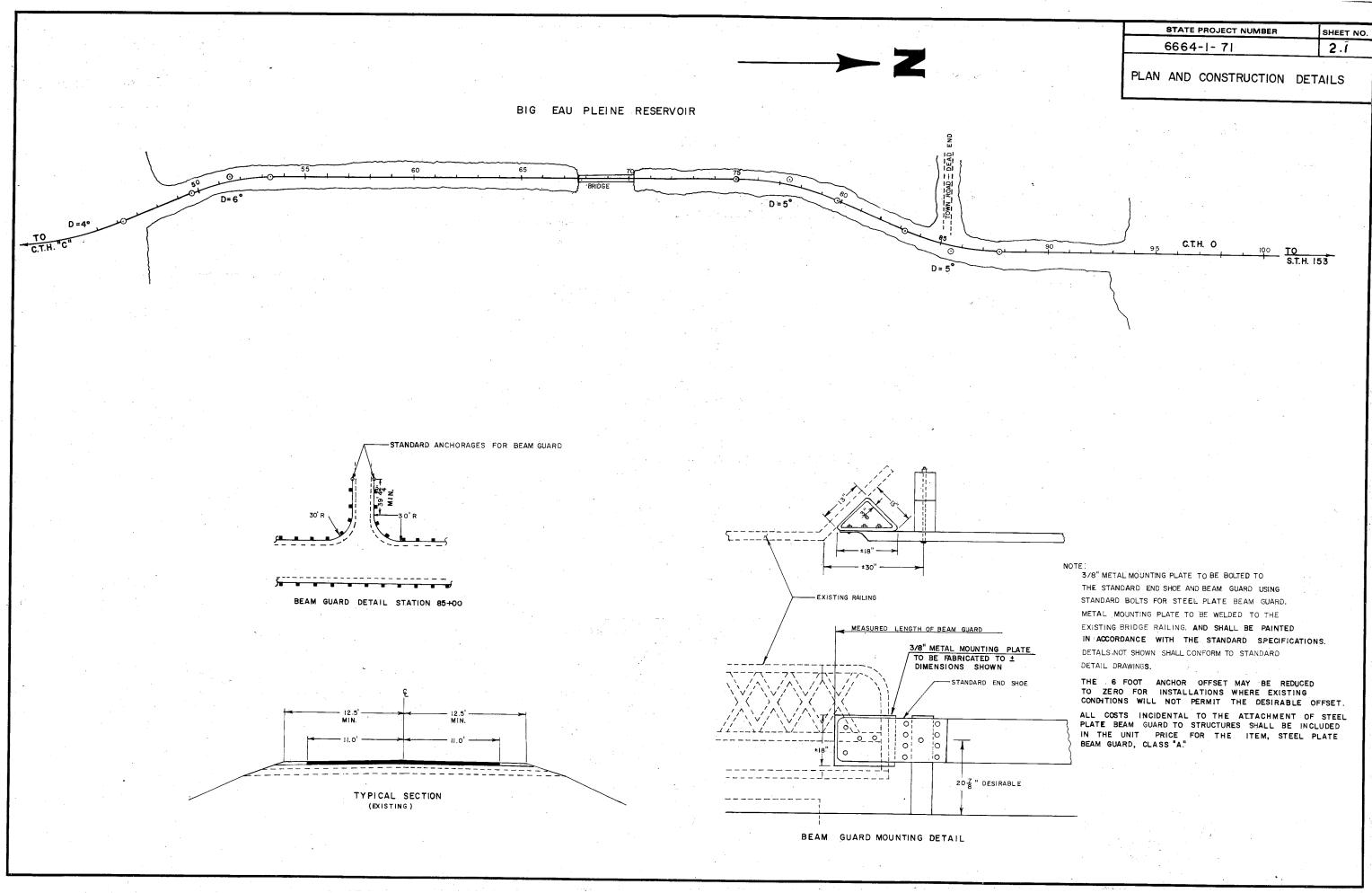
Moon

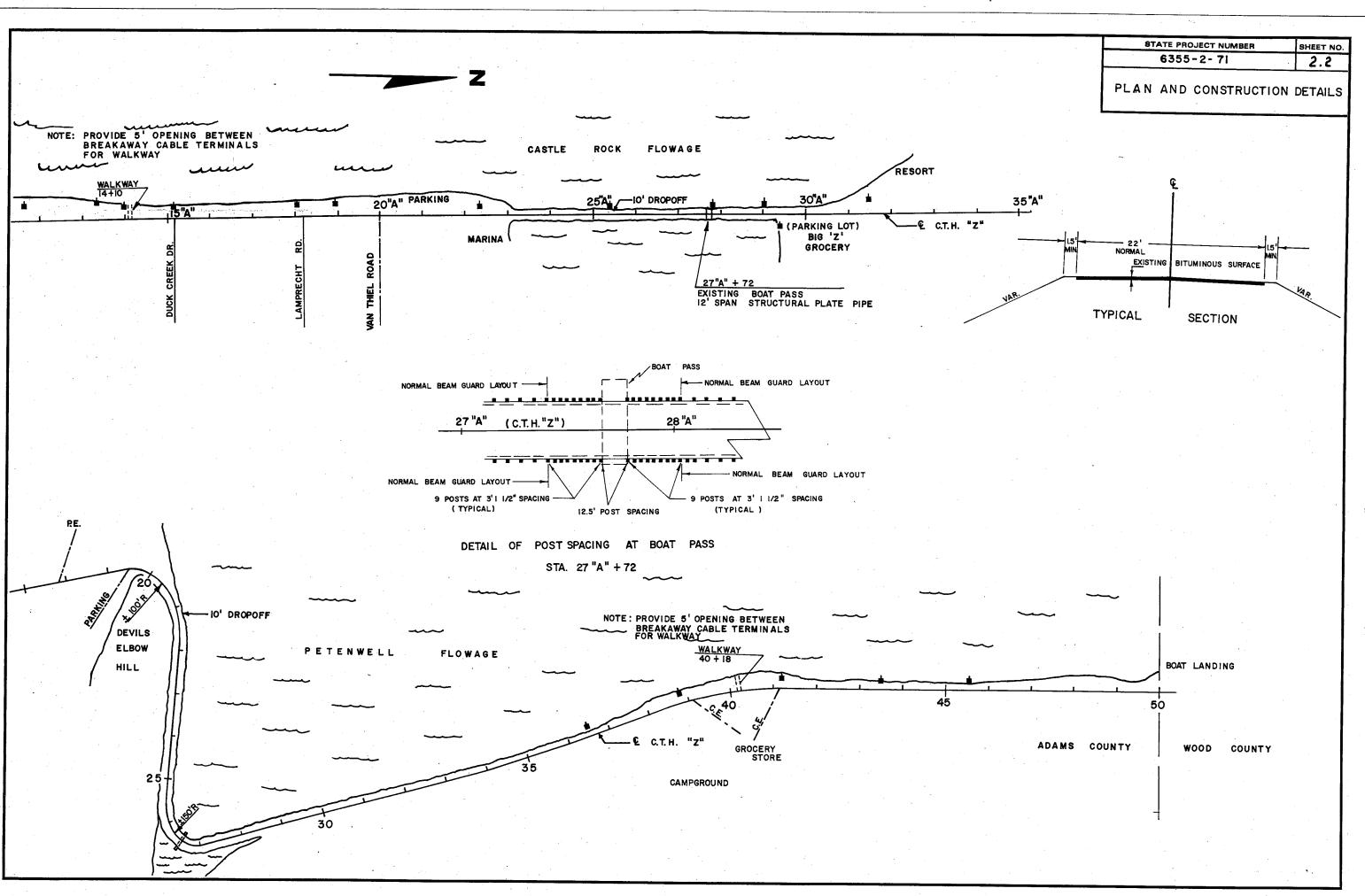
Marathon

County

Total Net Length of Centerline 0.0 Mi







QUANTITIES OF ESTIMATE

PROJECT NUMBER		LENGTH I	GUARDRAL		BEAM GUARD	MOBILIZATION 6664-1-71	(355 271	TRAFFIC TRAFFIC CONTROL CONTROL GGGA-1-71 G355-2-71		CABLE		
	ITEM NO.		20411	61406	61408	61911	61912	64302	64303	90001		
	UNIT	LIN FT.	LN.FT	EACH	LIN. FT.	LUMP SUM	LUMP SUM	LUMPSUM	LUMP SUM	EACH		
									, , , , , , , , ,			
6664-1-	71		8,632	4	8,931	1		1				
202 7 1			, -,							<u> </u>		
6355-2-	71		260	8	5,902	·				6		
6353-2	' ' 		200		3,100				-			
										· ·		
		· · · · · · · · · · · · · · · · · · ·			· .				-4			
	TRACT		8,892	14	14,833	,		· · · · · · · · · · · · · · · · · · ·	1	6		

REMO	1/VC	UG GUAF	DRAIL	
STATION	το	STATION	LOCATION	LIN. FT.
PROJECT	<u> </u>	04-1-71		•
47+50			LT.	2019
48+00	-	67+69	RT.	1969
70+26		84+50	LT.	1462
84+75	. —	93+95	LT.	920
70+26		92+88	RT.	2262
PROJECT	635	55-2-71		
20+25		22+85	LT.	260

STEEL PLATE BEAM GUARD LIN, FT. NUMBER OF
ANCHORAGES BREAKAWAY REMARKS STATION TO STATION LOCATION

CABLE PROJECT 6664-1-71 ATTACH TO STRUCTURE 2066 47+08 - 67+74LT. ATTACH TO STRUCTURE 47+08 - 67+74 RT. 2066 ATTACH TO STRUCTURE 1491 70+21 - 84+50LT. ATTACH TO STRUCTURE 70+21 - 93+25 RT. 2304 2 84+70 - 94+14 1004 PROJECT 6355-2-71 1 - STA, 13"A"+93 11"A"+66 - 13"A"+93 227 LT. - STA. 14"A" +27 614 14"A"+27 - 20"A"+41 LT. - STA, Z9" A" + Z8 RT. 714 22"x"+14 - 29"A"+28 929 2 22"A"+14 - 31" A"+43 LT, 19+49 - 40+01 LT. 2052 1 - STA. 40+01 2 379 24+65 - 28+44 RT 2-STA, 40+35 & STA, 50+22 40+35 - 50+22 LT. 987

GENERAL NOTES

REMOVED CABLE, HARDWARE & POSTS WILL BE PLACED IN A NEAT MANNER WITHIN THE RIGHT OF WAY LIMITS AND WILL BE REMOVED BY COUNTY FORCE 5.

THE 6 FOOT ANCHOR OFFSET FOR STEEL PLATE BEAM GUARD MAY BE REDUCED TO NOTHING FOR INSTALLATIONS WHERE EXISTING CONDITIONS WILL NOT PERMIT THE DESIRABLE OFFSET.

THE EXACT LOCATION OF BEAM GUARD, ANCHORS AND RREAKAWAY CABLE TERMINALS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.

APPLICABLE STANDARD DETAIL DRAWINGS

15C1-5

1482-4 a & b CLASS "A" STEEL PLATE BEAM GUARD & STEEL

PLATE BEAM MEDIAN GUARD (& SHEETS)

CONSTRUCTION BARRICADES & STANDARD SIGNS

MAILIA IES

6664-1-71: CENTRAL STATE TELEPHONE CO. VESPER, WIS. 54489 ATTN: MR. CHESTER GINGLE TELEPHONE: 715-424-2121

> WISCONSIN PUBLIC SERVICE CORP. 1700 WEST SHERMAN STREET P.O. BOX 1666

WAUSAU, WIS. 54401 ATTN: MR LARRY SANDERS TELEPHONE: 715-845-7261

MOSINEE TELEPHONE CO. 410 FOURTH STREET MOSINEE, WIS. 54455 ATTN: MR. JERRY STAHLECKER TELEPHONE: 715-693-2622

6355-2-71:

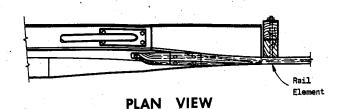
NORTH LOCATION WOOD COUNTY TELEPHONE CO. 440 EAST GRAND AVE. WISCONSIN RAPIDS, WIS. 54494 ATTN: MR. E. J. SWENSON TELEPHONE: 715- 424 - 4050 ADAMS MARQUETTE ELECTRIC COOP. FRIENDSHIP, WIS, 53934

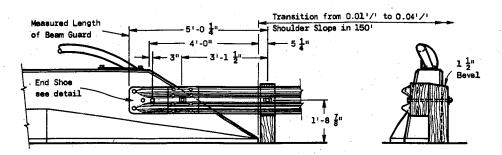
ATTN: MR. ROBERT ROBICHEAU TELE PHONE: 608 - 339 - 3346

6355-2-71

SOUTH LOCATION GENERAL TELEPHONE CO. 2222 WISCONSIN ST. PORTAGE, WIS. 53901 ATTN: MR. MIKE ALLEN TELEPHONE 608-742-4184

ADAMS MARQUETTE ELECTRIC COOP FRIENDSHIP, WIS. 53934 ATTN: MR. ROBERT ROBICHEAU TELEPHONE: 608-339-3346





FRONT ELEVATION

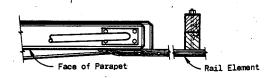
S.D.D.

4

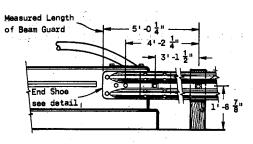
B 2-4a

END ELEVATION

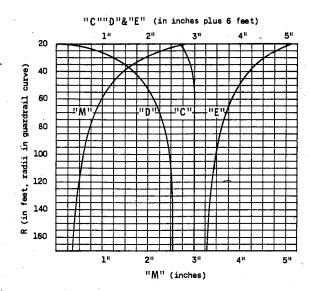
STRUCTURE MOUNTING DETAIL SLOPING TYPE PARAPET WALL



PLAN VIEW



FRONT ELEVATION **END ELEVATION** STRUCTURE MOUNTING DETAIL VERTICAL TYPE PAPAPET WALL



Post position for guardrail on outside of curve Blocks Post position for quardrail on inside of curve

CHORD LENGTHS FOR POST SPACING AND MIDDLE ORDINATES FOR BEAM CURVING

CURVE DATA FOR POST SPACING AND BEAM CURVING

GENERAL NOTES

Details of construction, materials and workmanship not shown on this drawing shall conform to the pertinent requirements of the Standard Specifications and the applicable Special Provisions.

The exact location of the beginning and end of each Guardrail installation shall be as shown on the plans or as directed by the Engineer.

Square anchor alternates will be permitted. Square anchors shall be a minimum of 24 inches x 24 inches.

The shoulder widening to accommodate the anchored end of the guardrail shall be accomplished at the rate of widening not to exceed 15 to 1.

Upon approval of the Engineer, the 6 foot anchor offset may be reduced to nothing for replacement installations where existing conditions will not permit the desirable offset. However, when no offset greater than or equal to 3 feet can be provided, the minimum length of guardrail in advance of an obstacle (obstacle to anchor) shall be 150 feet.

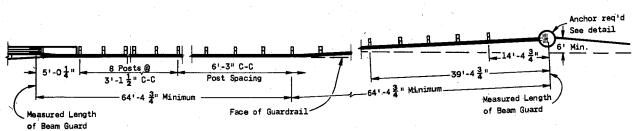
The minimum clearance from the front face of guardrail to obstacle shall be 3 feet unless otherwise shown on contract plans. When clearance is less than 3 feet post spacing shall be reduced to 3 feet - $1\frac{1}{2}$ inches C.C.

The "Post Footing Details At Piers" shall be used when guardrail posts are over structure footings and less than 3 feet - 6 inches of earth is provided over the top of the footing.

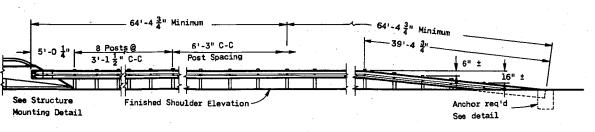
> THIS STANDARD DETAIL DRAWING CONSISTS OF TWO PLATES, AND BOTH PLATES ARE REQUIRED WHEN THIS STANDARD IS CALLED FOR IN THE PLANS.

CLASS "A" STEEL PLATE BEAM GUARD & STEEL PLATE BEAM MEDIAN GUARD

State of Wisconsin Department of Transportation Division of Highways

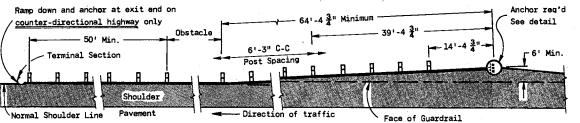


PLAN VIEW



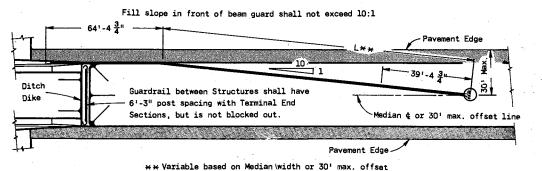
FRONT ELEVATION

TYPICAL INSTALLATION AT STRUCTURES



PLAN VIEW

TYPICAL INSTALLATION AT LOCATIONS OTHER THAN STRUCTURES



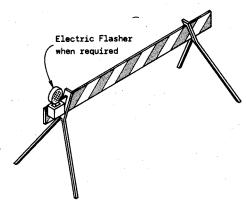
PLAN VIEW

MEDIAN PROTECTION

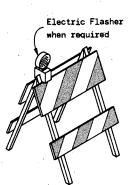
TABLE OF BARRICADE CHARACTERISTICS

BARRICADE TYPE	I	11	III		
Height	3' M	5' Minimum			
* Rail Width	8" Mi	nimum to 12"	Maximum		
Rail Length	2' Minimum to variable Maximum				
* * Stripe Width	6" at 45° Angle				
Stripe Colors	Reflectorized Orange & White				

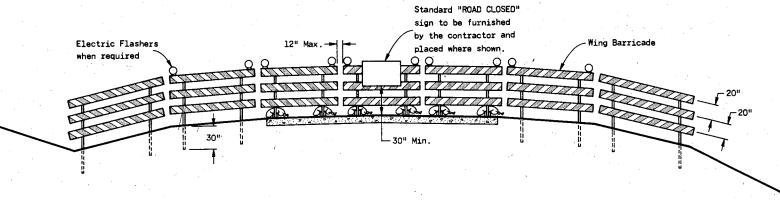
^{*} Nominal dimensions when barricade is constructed of lumber.



TYPICAL TYPE I BARRICADE



TYPICAL TYPE II BARRICADE



TYPICAL INSTALLATION SHOWING TYPE III BARRICADE

CONSTRUCTION BARRICADES

R11-2 48" x 30"

Black Lettering on Reflective White Background Letter Series "D" Letter height 8"



W20-3

48" x 48"

Black Lettering on Reflective Orange Background Letter Series "D" Letter height 7"

STANDARD SIGNS-TYPE II

GENERAL NOTES

The contractor shall furnish, erect and maintain Barricades and Signs. Details regarding location, spacing, dimensions, fabrication, material, sign lettering, lighting devices and color of Barricades and Signs shall conform to this drawing, the Wisconsin Manual on Uniform Traffic Control Devices, the Standard Specifications, Special Provisions and/or plans.

Type III Barricades and Signs shall be erected at the termini of projects and at other road or street locations where it is necessary to control or eliminate public access to the con -

Type I and II Barricades shall be used on projects when traffic is to be maintained through the construction area.

The actual field location of barricade installations and advance signs shall be as directed by the Engineer.

Each barricade shall have the name and telephone number of a person responsible for 24 hour emergency service printed in letters at least $^3/_4$ inch in height.

> CONSTRUCTION BARRICADES & STANDARD SIGNS

State of Wisconsin Department of Transportation Division of Highways

10-1-76

APPROVED

10-1-76

S.D.D. 15C1-5

XX May be 4" for rail lengths less than 3'.

