

10

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
5439-2-75	SOS 3299(3)	1

STATE OF WISCONSIN
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

PLAN AND PROFILE OF PROPOSED
 U.S.H. 14 - S.T.H. 33 ROAD
 (ARCH REPLACEMENT)

C.T.H. "YY"
 LA CROSSE COUNTY

STATE PROJECT NUMBER
 5439-2-75

Scales
 Plan 1 in. = 100 ft.
 Profile Hor. 1 in. = 100 ft. Vert. 1 in. = 10 ft.
 Cross Sections Hor. 1 in. = 10' Vert. 1 in. = 10'

Index of Sheets

Sheet No.	Title
1	
2	Typical Cross Sections
3	Estimate of Quantities
3	Miscellaneous Quantities
-	Right of Way Plat
2	Plan
6	Standard Outside
-	Structure Plans
-	Computer Earthwork Data
-	Cross Sections

TOTAL SHEETS = 6

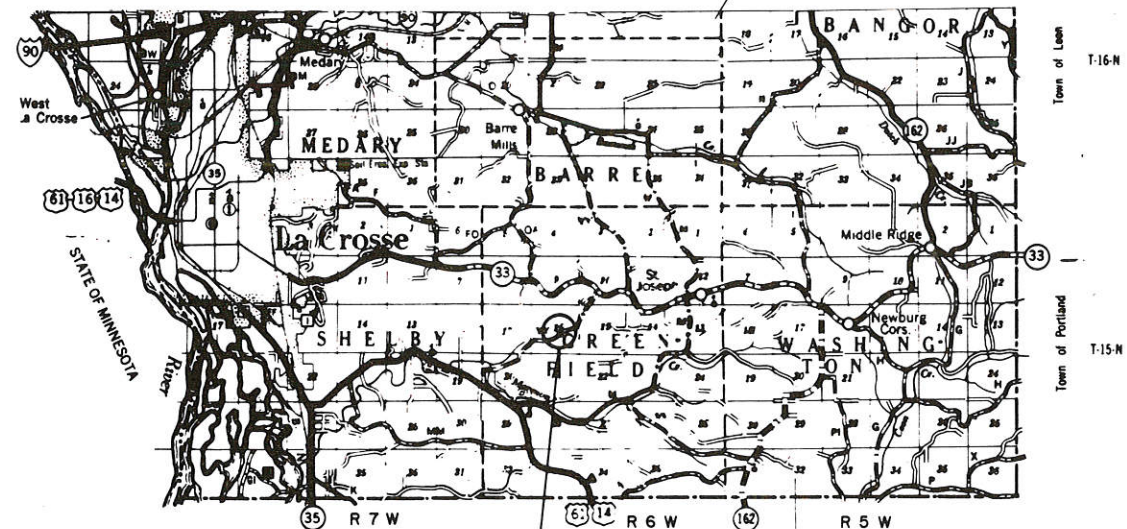


Design Designation

A.D.T. 1974	=	160
A.D.T. 1994	=	240
D.H.V.	=	36
D.	=	67
T.	=	8.7%
V.	=	50 M.P.H.
DESIGN CLASS	=	S 2

Conventional Signs

County Line	-----	Culverts in Place	-----
Township or Range Line	-----	Culverts Required	-----
Section Line	-----	Drop Inlet	-----
New Right of Way Line	-----	Power Pole	-----
Present Right of Way Line	-----	Telephone or Telegraph Pole	-----
Wire Fence	-----	Right of Way Markers	-----
Corporate or City Limits	-----	Reference Stake for Hubs Only	-----
Property Line	-----	Marsh	-----
Traveled Way or P.E.	-----	Hedge	-----
Railroads	-----	Trees	-----
Base or Survey Line	-----	Ground Elevation	-----
Caution Symbol (combustible fluids under pressure)	-----	Grade Elevation	-----



PROJECT 5439-2-75
 STA. 124+00
 ± 810 FEET EAST AND ± 160 FEET SOUTH
 FROM THE CENTER OF SEC. 16, T 15 N, R 6 W.

Layout
 Scale
 Total Net Length of Centerline = Mi.

APPROVED FOR
 LA CROSSE COUNTY BY

May 10, 1978 *Harold P. Nelson*
 DATE COUNTY HIGHWAY COMMISSIONER

STATE OF WISCONSIN
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

Surveyor D.G.G. District Checker J.R.M.
 Designer D.G.G. C.O. Checker RAH.
 District Supervisor J.B.G. C.O. Monitor

Approved: *[Signature]*
 Date 5-12-78 District Engineer

Approved: *[Signature]*
 Date 6-5-78 Chief of Facilities Development

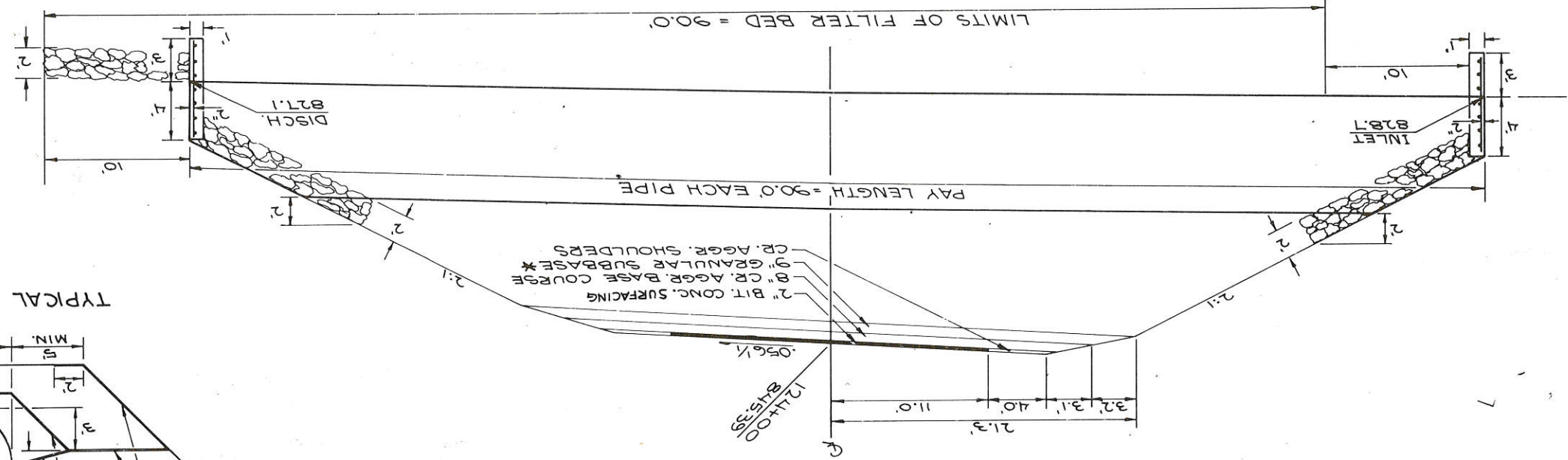
Approved: *[Signature]*
 Date 6-6-78 State Highway Engineer

U.S. DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION
 REGION 5 WISCONSIN DIVISION

Approved: _____
 Date _____ Division Engineer

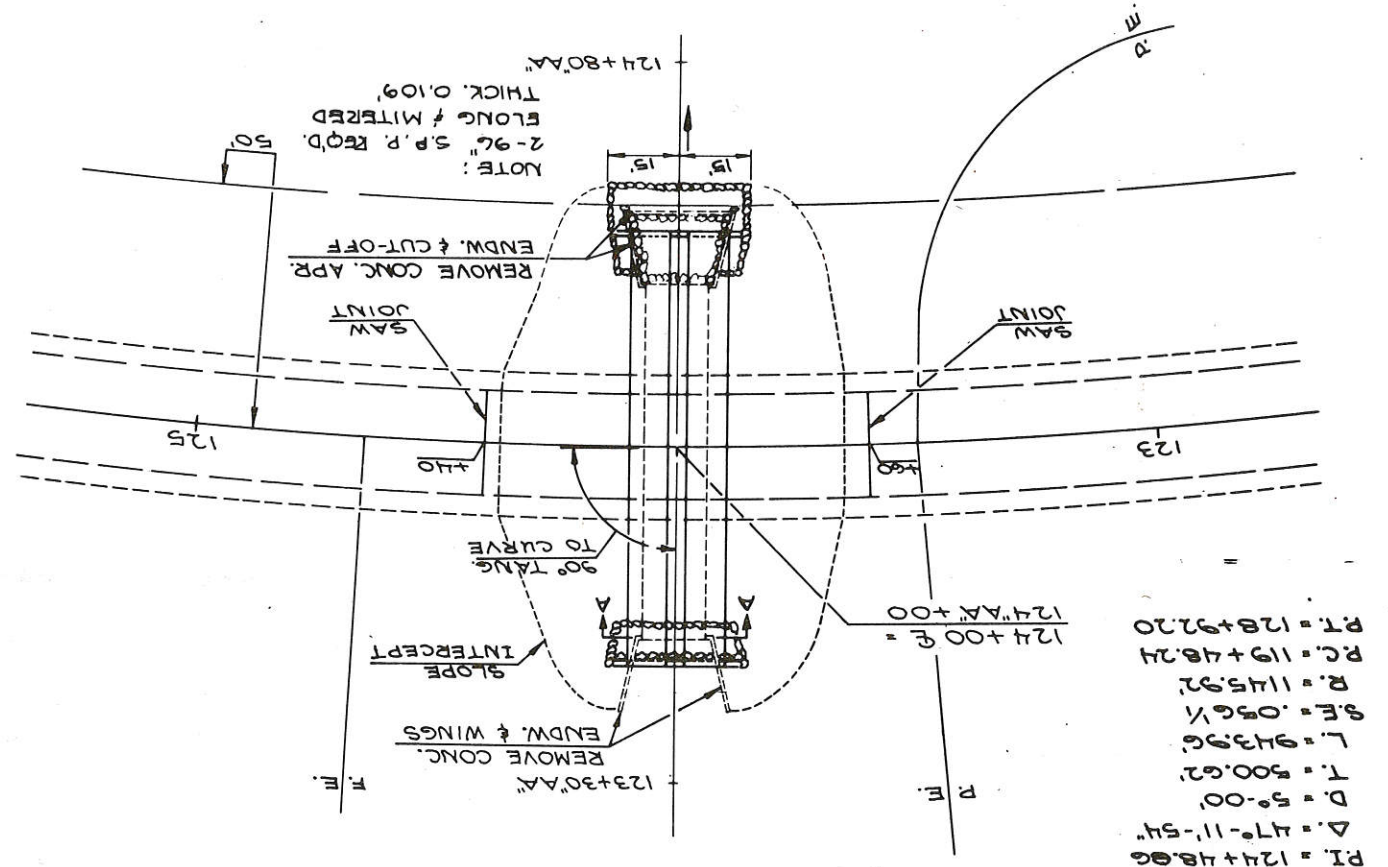
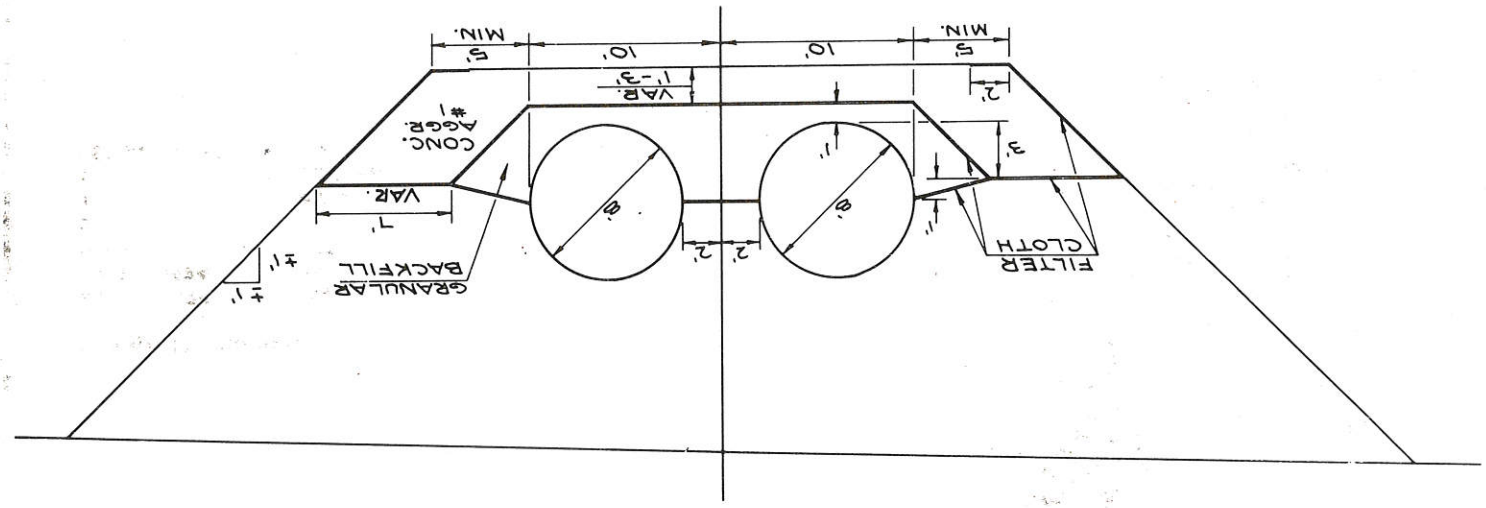
FINISHED SECTION @ STA. 124+00 * PAID FOR AS GRANULAR BACKFILL

SCALE: 1" = 5' VERT & HOR.



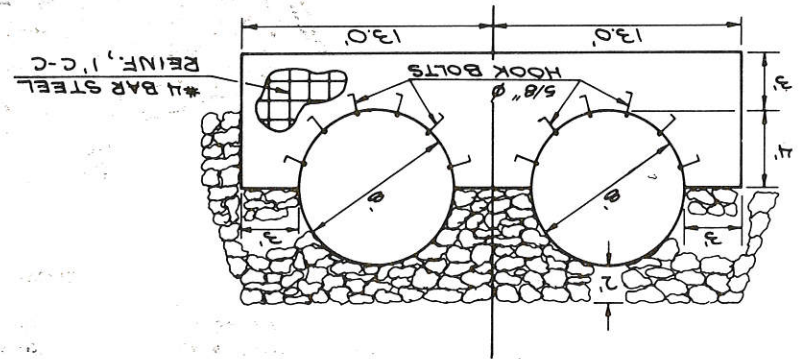
PLAN VIEW

TYPICAL SECTION FOR FILTER BED



PI = 124+48.86
 Δ = 47°-11'-54"
 D = 5°-00'
 T = 500.62
 L = 943.96
 S.E. = 0.56%
 R = 1145.92
 PC = 119+48.24
 PT = 128+92.20

SEC. A-A



ESTIMATE OF QUANTITIES

CONTRACT NO. 1
STRUCTURAL PLATE PIPE

STATE PROJECT NUMBER	SHEET NO.
5439-2-75	3

STATION	NET LENGTH OF CENTER LINE	REMOVING OLD CULVERT, STATION 124+00	REMOVING MASONRY	UNCLASSIFIED EXCAVATION	GRANULAR BACKFILL	CRUSHED AGGREGATE BASE COURSE	CONCRETE MASONRY ENDWALLS	STRUC - TURAL PLATE PIPE 96 - INCH	SALVAGED TOPSOIL	FERTILIZER	SEEDING	MOBILI - ZATION	CONCRETE AGGREGATE NO. 1	BITUMINOUS CONCRETE SURFACING	FILTER CLOTH	HEAVY RIPRAP
ITEM NO. UNIT	LN FT.	20301 L.S.	20408 C.Y.	20503 C.Y.	20901 C.Y.	30403 C.Y.	50409 C.Y.	52704 L.F.	62505 S.Y.	62901 CWT.	63002 LB.	61910 L.S.	90001 C.Y.	90002 TON	90003 S.Y.	60602 C.Y.
124+00		1	26	2575	375	40	10	180	522	1	15	1	384	22	740	72
TOTALS		1	26	2575	375	40	10	180	522	1	15	1	384	22	740	72

- GENERAL NOTES
1. CURVE DATA IS BASED ON ARC DEFINITION
 2. DISTURBED AREAS WITHIN THE RIGHT OF WAY, EXCEPT THE AREAS WITHIN THE FINISHED SHOULDER POINTS, ARE TO BE FERTILIZED AND SEEDED AS DIRECTED BY THE ENGINEER.
 3. UTILITY LOCATIONS SHOWN IN THIS PLAN ARE APPROXIMATE ONLY AND THE EXACT LOCATIONS SHALL BE DETERMINED IN THE FIELD.
 4. WHEN THE QUANTITY OF THE ITEM OF BASE COURSE IS MEASURED FOR PAYMENT BY THE CU. YD. THE DEPTH OR THICKNESS OF THE COURSE SHOWN ON THE PLANS IS APPROXIMATE AND THE ACTUAL THICKNESS WILL DEPEND ON THE DISTRIBUTION OF THE MATERIAL AS DIRECTED BY THE ENGINEER.
 5. SALVAGED TOPSOIL SHALL BE PLACED TO AN APPROXIMATE DEPTH OF 3-INCHES AT THE TIME OF PLACING.

DETAIL SUMMARY OF MISCELLANEOUS QUANTITIES

GRANULAR BACKFILL

<u>LOC.</u>	<u>QUANTITY</u>
S.P.P.	275 C.Y.
ROADWAY (123+60 - 124+40)	100 C.Y.

HEAVY RIP RAP

<u>LOC.</u>	<u>QUANTITY</u>
HEADWALL (INL. & DISCH.)	50 C.Y.
APRON (DISCH.)	22 C.Y.

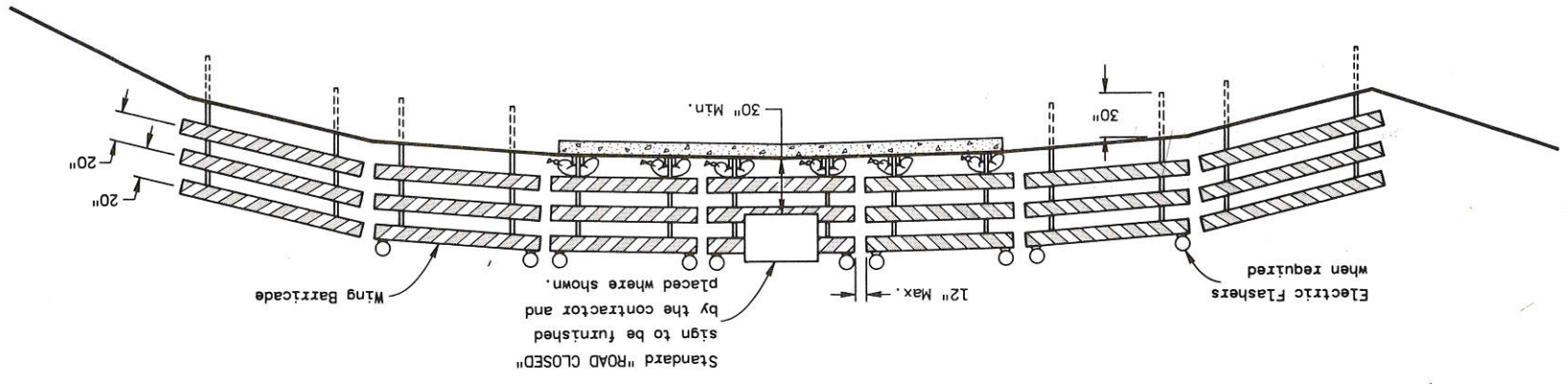
STANDARD DETAIL DRAWING

15CI-5 CONSTRUCTION BARRICADE

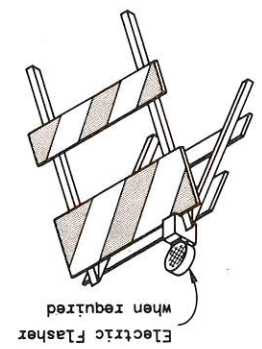
APPROVED 10-1-76 DATE	APPROVED 10-1-76 DATE
CHIEF OF FACILITIES DEVELOPMENT	CHIEF OF FACILITIES DEVELOPMENT
State of Wisconsin Department of Transportation Division of Highways	
CONSTRUCTION BARRICADES & STANDARD SIGNS	

CONSTRUCTION BARRICADES

TYPICAL INSTALLATION SHOWING TYPE III BARRICADE



TYPICAL TYPE II BARRICADE



TYPICAL TYPE I BARRICADE

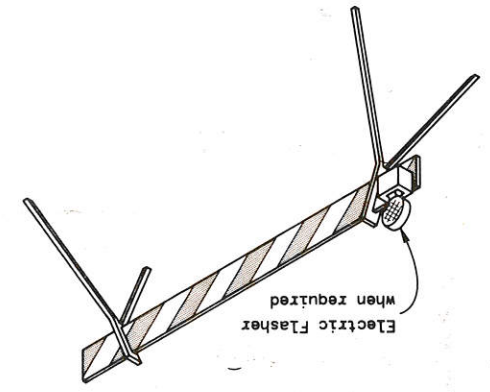
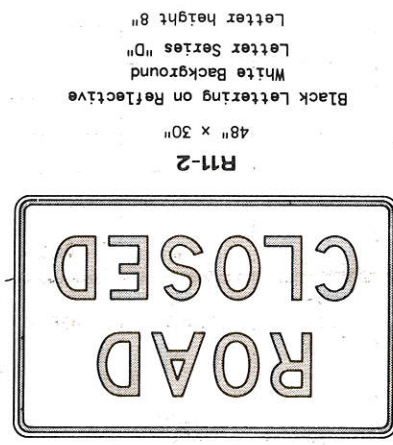


TABLE OF BARRICADE CHARACTERISTICS

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

* Nominal dimensions when barricade is constructed of Lumber.
 ** May be 4" for rail lengths less than 3'

STANDARD SIGNS-TYPE II



GENERAL NOTES

The contractor shall furnish, erect and maintain Barricades and Signs. Details regarding location, spacing, dimensions, and signs. Fabrication, material, 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 construction area. 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.

Plan # 256