

T.I.P.: B-4085

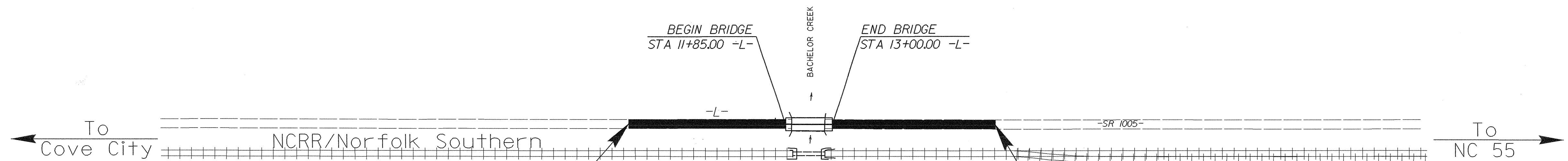
CONTRACT: C201428

**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION**

**SIGNING PLANS
CRAVEN COUNTY**

LOCATION: BRIDGE NO. 212 OVER BACHELOR CREEK ON SR 1005

TIP NO. B-4085	SHEET NO. SIGN-1
APPROVED:	
DATE: 10/9/07	
SEAL 	



**BEGIN STATE SIGNING PROJECT
B-4085 -L- STA 8+00.00**

**END STATE SIGNING PROJECT
B-4085 -L- STA 17+00.00**

SUMMARY OF QUANTITIES

ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4025000000	901	CONTRACTOR FURNISHED, TYPE D SIGN	13.5	S.F.
4025000000	901	CONTRACTOR FURNISHED, TYPE E SIGN	5.56	S.F.
4082000000	903	SUPPORTS, WOOD	62	L.F.
4096000000	904	SIGN ERECTION, TYPE D	2	EA.
4102000000	904	SIGN ERECTION, TYPE E	1	EA.
4155000000	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	1	EA.
4158000000	907	DISPOSAL OF SIGN SYSTEM, WOOD	10	EA.

INDEX


SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	TYPE "D" SIGNS
3	TYPE "E" SIGNS
4	EXISTING/PROPOSED ROADWAY

PLAN PREPARED BY: N.C.D.O.T. SIGNING SECTION

R. W. KING, PE SIGNING ENGINEER
A. I. ALQUDWAH, PE SIGNING PROJECT ENGINEER
D. M. EATON SIGNING PROJECT DESIGN ENGINEER
R. R. HENNEIN SIGNING DESIGNER

**ROADWAY STANDARD DRAWINGS
APPLICABLE TO THESE SIGNING PLANS
903.20 904.10**

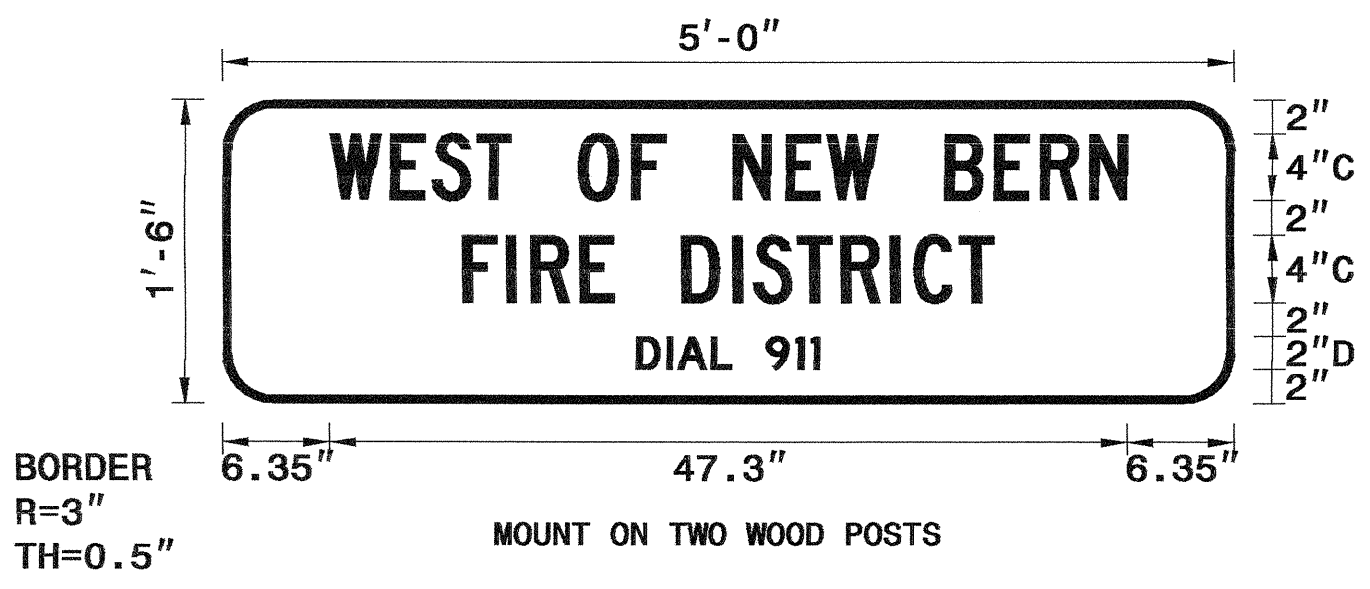
TIP NO. B-4085	SHEET NO. SIGN-2
APPROVED: <i>[Signature]</i>	
DATE: 10/9/07	
SEAL	



STGN NUMBER: 301
TYPE: D
QUANTITY: 1
SIGN WIDTH: 60"
HEIGHT: 18"
TOTAL AREA: 7.5 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0.5"
RADII: 3"
NO. Z BARS:
LENGTH:

BACKG COLOR: Green
COPY COLOR: White
SYMBOL

DESIGN BY: R. HENNEIN
PROJECT ID: B-4085
CHECKED BY:
DIV: 2
DATE: Sep 24, 2007



USE NOTES:
1. Legend and border shall be direct applied Type III reflective sheeting.
2. Background shall be Type III reflective sheeting.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

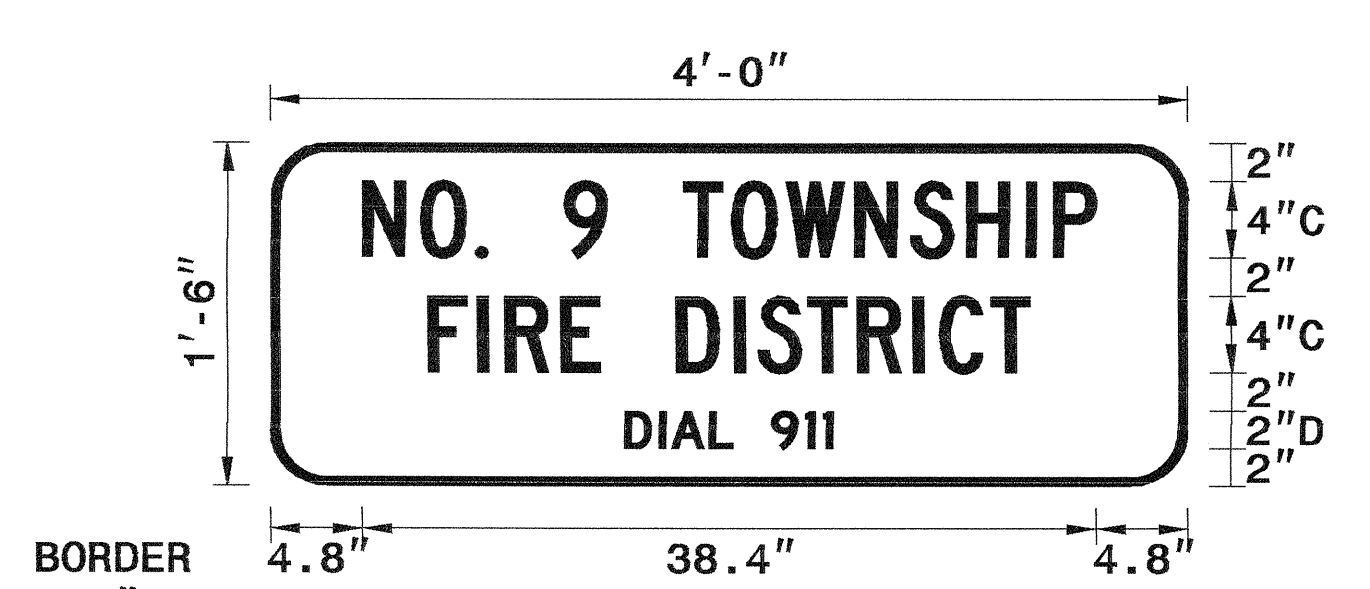
	W	E	S	T	O	F	N	E	W	B	E	R	N		Series/Size				
	6.3	3.6	2.5	2.6	2	4	3.2	2	4	3.1	2.4	3	4	2.9	2.7	2.9	2.2	6.3	C 2000
																			47.3
	14.2	2.6	1.4	2.9	2	4	3	1.2	2.6	2.6	2.9	1.4	2.7	2	14.2				C 2000
																			31.5
																			D 2000
	24.6	1.8	0.6	2	1.2	2	1.8	0.9	0.5	24.6									10.9

FILENAME: signdesigns NORTH CAROLINA D.O.T. SIGN DETAIL

STGN NUMBER: 302
TYPE: D
QUANTITY: 1
SIGN WIDTH: 48"
HEIGHT: 18"
TOTAL AREA: 6.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0.5"
RADII: 3"
NO. Z BARS:
LENGTH:

BACKG COLOR: Green
COPY COLOR: White
SYMBOL

DESIGN BY: R. HENNEIN
PROJECT ID: B-4085
CHECKED BY:
DIV: 2
DATE: Sep 24, 2007



USE NOTES:
1. Legend and border shall be direct applied Type III reflective sheeting.
2. Background shall be Type III reflective sheeting.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

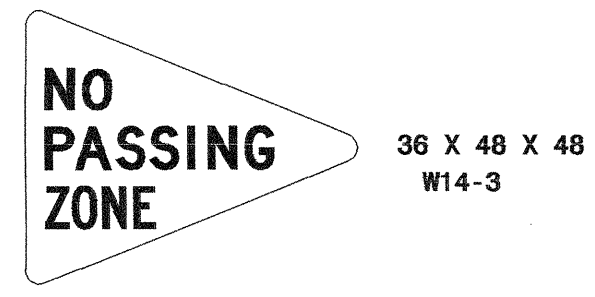
Letter spacings are to start of next letter

	N	O	.	9	T	O	W	N	S	H	I	P		Series/Size					
	4.8	3	2.9	0.6	4	2.2	4	2.5	2.8	3.6	2.9	2.9	3.1	1.4	2.2	4.8			C 2000
																			38.4
	6.2	2.6	1.4	2.9	2	4	3	1.2	2.6	2.6	2.9	1.4	2.7	2	8.2				C 2000
																			31.5
																			D 2000
	18.6	1.8	0.6	2	1.2	2	1.8	0.9	0.5	18.6									10.9

FILENAME: signdesigns NORTH CAROLINA D.O.T. SIGN DETAIL

TYPE "D" SIGNS

464 QUANTITY REQ'D 1



ONE WOOD POST PER SIGN

TIP NO. SHEET NO.

B-4085 SIGN-3

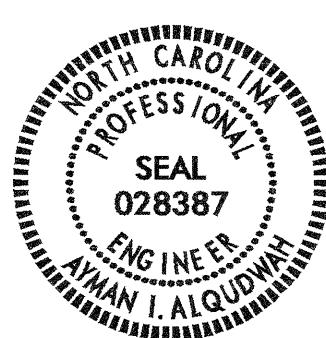
APPROVED: *[Signature]*

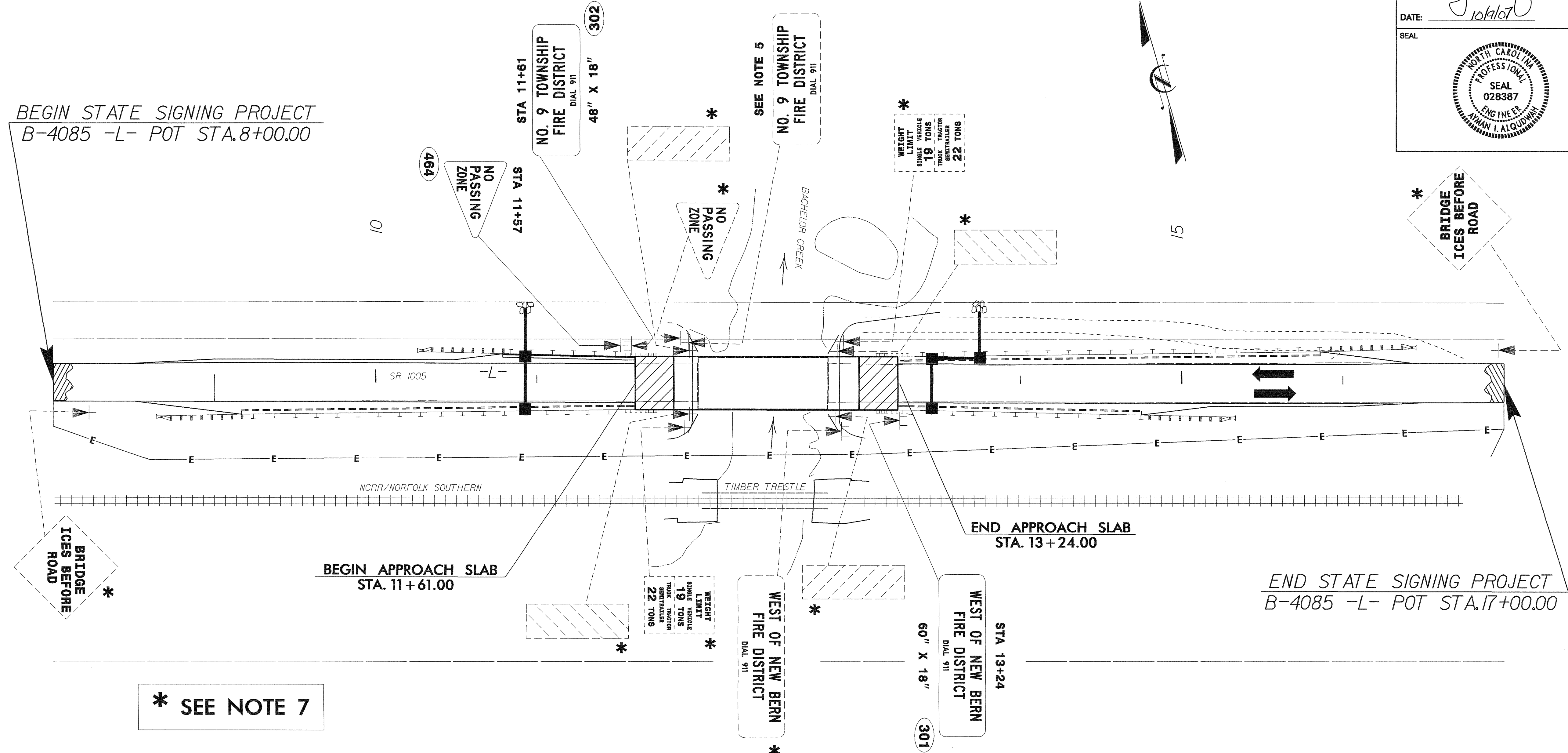
DATE: 10/9/07

SEAL



TYPE "E" SIGNS

TIP NO. B-4085	SHEET NO. SIGN-4
APPROVED: <i>[Signature]</i>	
DATE: 10/10/07	
SEAL	
	



*** SEE NOTE 7**

WARNING SIGNS PLACEMENT CHART

POSTED OR 85TH PERCENTILE SPEED MPH (KMH)	MUTCD DISTANCE FT (M)	SUGGESTED LOCATION FT (M)	SUGGESTED MAXIMUM FT (M)
30 (50)	450 (140)	475 (145)	575 (175)
35 (55)	550 (170)	575 (175)	675 (205)
40 (65)	650 (200)	675 (205)	775 (235)
45 (70)	750 (230)	775 (235)	875 (270)
50 (80)	850 (260)	875 (270)	975 (300)
55 (90)	950 (290)	975 (300)	1075 (330)
60 (95)	1100 (335)	1125 (345)	1225 (375)
65 (105)	1200 (365)	1225 (375)	1325 (405)
70 (115)	1250 (380)	1275 (390)	1375 (420)

1. SEE ROADWAY STANDARD NO. 904.50 FOR MOUNTING OF TYPE 'D', 'E', AND 'F' SIGNS ON 'U' CHANNEL POSTS.
2. SEE CHART FOR PLACEMENT OF WARNING SIGNS. DISTANCES SHOWN IN MINIMUM ROAD COLUMNS ARE FOR LEVEL ROADWAYS. MAKE CORRECTIONS FOR GRADES. IF 48-INCH (1219 MM) SIGNS ARE USED, THE LEGIBILITY DISTANCE MAY BE INCREASED TO 200 FEET (61 M). THIS WOULD ALLOW REDUCING THE CHART SPECIFIED DISTANCE BY 75 FEET (23 M).
3. IF THE BRIDGE IS OVER A MAJOR STREAM OR RIVER, A SIGN FOR THE NAME OF THE STREAM OR RIVER SHOULD BE INSTALLED AT EACH APPROACH. THESE DESIGNS WILL BE COMPLETED BY THE SIGNING SECTION UPON REQUEST.
4. SIGNS FURNISHED BY CONTRACTOR. BACKGROUND SHEETING SHALL BE TYPE III REFLECTIVE SHEETING.
5. DISPOSAL OF SIGN SYSTEM, U-CHANNEL.
6. SIGN ERECTION, RELOCATE SIGN TYPE D, E, OR F.
7. DISPOSAL OF SIGN SYSTEM, WOOD.
8. DISPOSAL OF SIGN, D, E, OR F.
9. DISPOSAL OF SUPPORT, U-CHANNEL.

**STA 8+00 TO 17+00
SR 1005
EXISTING/PROPOSED ROADWAY**