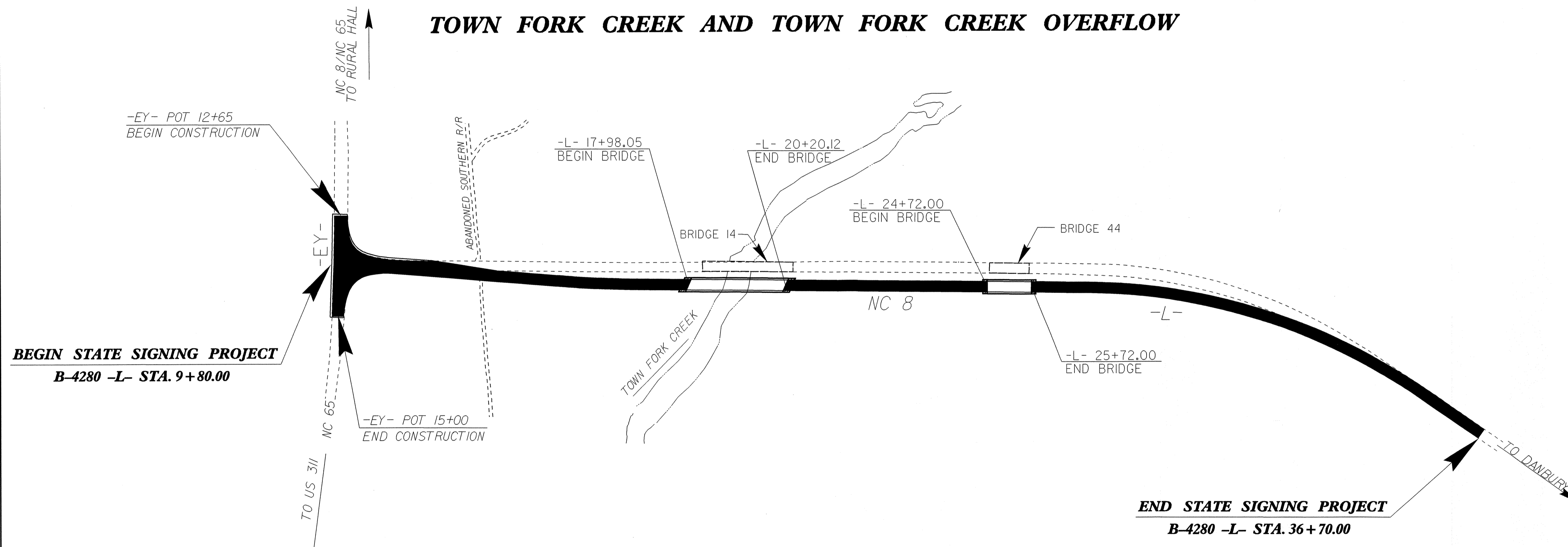
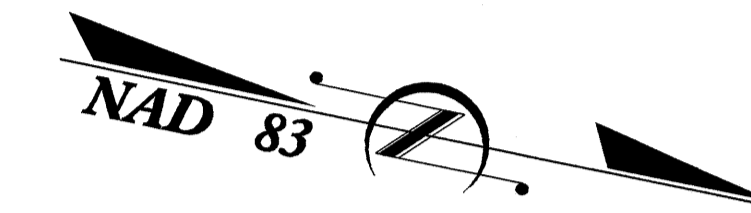


STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

SIGNING PLANS
STOKES COUNTY

LOCATION: BRIDGE 14 AND BRIDGE 44 ON NC 8 OVER
TOWN FORK CREEK AND TOWN FORK CREEK OVERFLOW

TIP NO. B-4280	SHEET NO. SIGN-1
-------------------	---------------------



SUMMARY OF QUANTITIES

ITEM NO.	DESC. NO.	SECT. NO.	ITEM DESCRIPTION	QUANTITY	UNIT
4025000000	901		CONTRACTOR FURNISHED, TYPE D SIGN	40.10	S.F.
4025000000	901		CONTRACTOR FURNISHED, TYPE E SIGN	15.25	S.F.
4025000000	901		CONTRACTOR FURNISHED, TYPE F SIGN	108.25	S.F.
4072000000	903		SUPPORTS, 3 LB STEEL U-CHANNEL	352	L.F.
4096000000	904		SIGN ERECTION, TYPE D	3	EA.
4102000000	904		SIGN ERECTION, TYPE E	2	EA.
4108000000	904		SIGN ERECTION, TYPE F	7	EA.
4155000000	907		DISPOSAL OF SIGN SYSTEM, U-CHANNEL	21	EA.

INDEX

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	SIGN DESIGNS
3	TYPE "E" & "F" SIGNS
4-5	EXISTING/PROPOSED ROADWAY

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

SEAL

R. W. KING, P.E. SIGNING ENGINEER
A. I. ALQUDWAH, P.E. SIGNING PROJECT ENGINEER
K. L. JORDAN SIGNING PROJECT DESIGN ENGINEER
R. R. HENNEIN SIGNING DESIGNER



ROADWAY STANDARD DRAWINGS
APPLICABLE TO THESE SIGNING PLANS
901.50 904.10 904.50

CONTRACT NO.: C201500 T.I.P.: B-4280

SIGN NUMBER: 301,302
TYPE: D
QUANTITY: 2
SIGN WIDTH: 90"
HEIGHT: 18"
TOTAL AREA: 11.3 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0.75"
RADII: 3"
NO. Z BARS:
LENGTH:

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: R. HENNEIN
PROJECT ID: B-4280

CHECKED BY:
DIV: 9

STD #: N/A
DATE: Apr 16, 2007

BORDER
R=3"
TH=0.75"

MOUNT ON TWO U-POSTS

LETTER POSITIONS

Letter spacings are to start of next letter													Series/Size				
T	O	W	N	F	O	R	K	C	R	E	E	K	Text Length				
7.3	4.5	5	6.2	4.1	6	4.5	5.6	5.1	4.2	6	5.4	5.1	4.7	4.7	4.2	7.3	D 2000
													75.4				

Spacing Factor is 1 unless specified otherwise

FILENAME: signdesigns

NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 303
TYPE: D
QUANTITY: 1
SIGN WIDTH: 84"
HEIGHT: 30"
TOTAL AREA: 17.5 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0.75"
RADII: 3"
NO. Z BARS:
LENGTH:

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
ARUP	6.5	19.3	6	9
ARUP	63.5	4.7	6	9

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: R. HENNEIN
PROJECT ID: B-4280

CHECKED BY:
DIV: 9

STD #: N/A
DATE: Apr 16, 2007

BORDER
R=3"
TH=0.75"

MOUNT ON TWO U-POSTS

LETTER POSITIONS

Letter spacings are to start of next letter													Series/Size
W	A	L	N	U	T	C	O	V	E	G	E	R	Text Length
21.5	5.7	6	4.6	5.5	5	3.7	6	5.3	5	5.5	3.7	6.5	D 2000
													56
													D 2000
													46

Spacing Factor is 1 unless specified otherwise

FILENAME: signdesigns

NORTH CAROLINA D.O.T. SIGN DETAIL

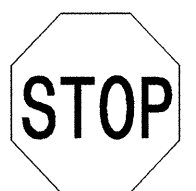
SEAL

SIGN DESIGNS

REVISIONS

SCALE	1:1000	N. C. DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS TRAFFIC ENGINEERING BRANCH
DATE	APRIL 2007	
SIGNING TECHNICIAN	R. HENNEIN	
SIGNING PROJECT DGN ENG	K. JORDAN	
SIGNING PROJECT ENG	A. ALQUDWAH	

409 QUANTITY REQ'D 1




36 X 36
R1-1

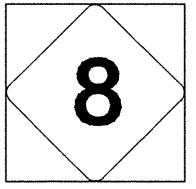
ONE "U" POST PER SIGN

501

NORTH



1 - 24 X 12





1 - 24 X 24

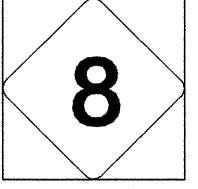
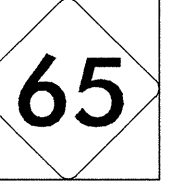
ONE "U" POST PER SIGN

506

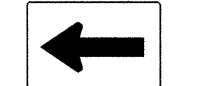

NORTH EAST

2 - 24 X 12

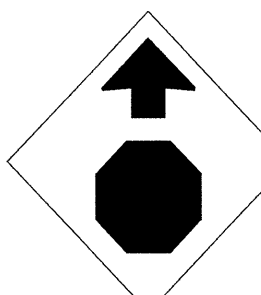
2 - 24 X 24

2 - 21 X 15

TWO "U" POSTS PER SIGN

443 QUANTITY REQ'D 1




30 X 30
W3-1a

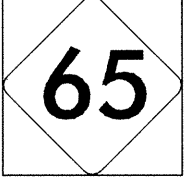
ONE "U" POST PER SIGN

502

JCT



1 - 21 X 15




1 - 24 X 24

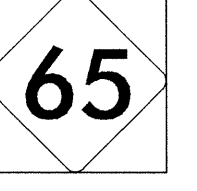
ONE "U" POST PER SIGN

507

EAST



1 - 24 X 12




1 - 24 X 24

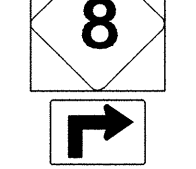
ONE "U" POST PER SIGN

503


SOUTH



1 - 24 X 12

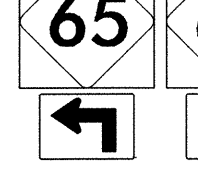
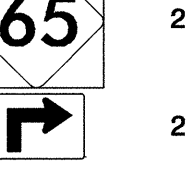


1 - 24 X 24



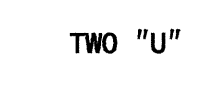

1 - 21 X 15

EAST WEST

2 - 24 X 12

2 - 24 X 24





2 - 21 X 15

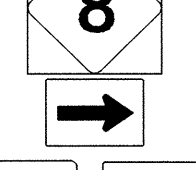
TWO "U" POSTS PER SIGN

504


SOUTH



1 - 24 X 12

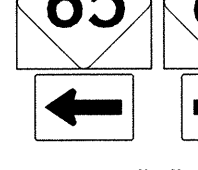
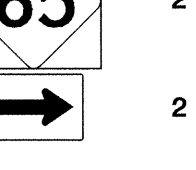


1 - 24 X 24



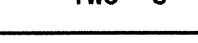
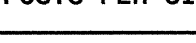
1 - 21 X 15

EAST WEST

2 - 24 X 12

2 - 24 X 24

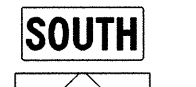



2 - 21 X 15

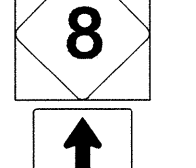
TWO "U" POSTS PER SIGN

505


SOUTH



1 - 24 X 12

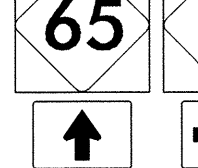
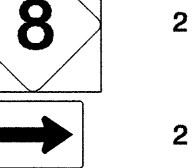


1 - 24 X 24



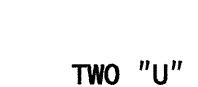

1 - 21 X 15

WEST NORTH

2 - 24 X 12

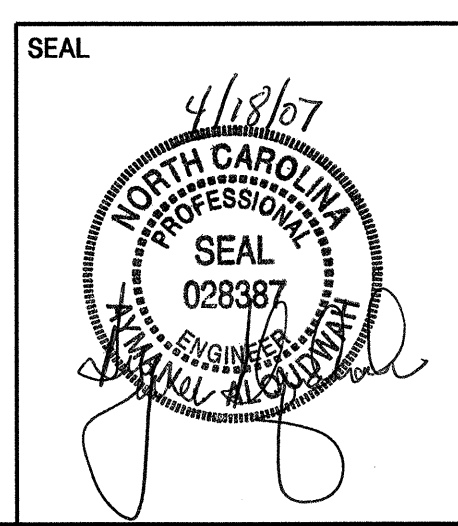
2 - 24 X 24

2 - 21 X 15

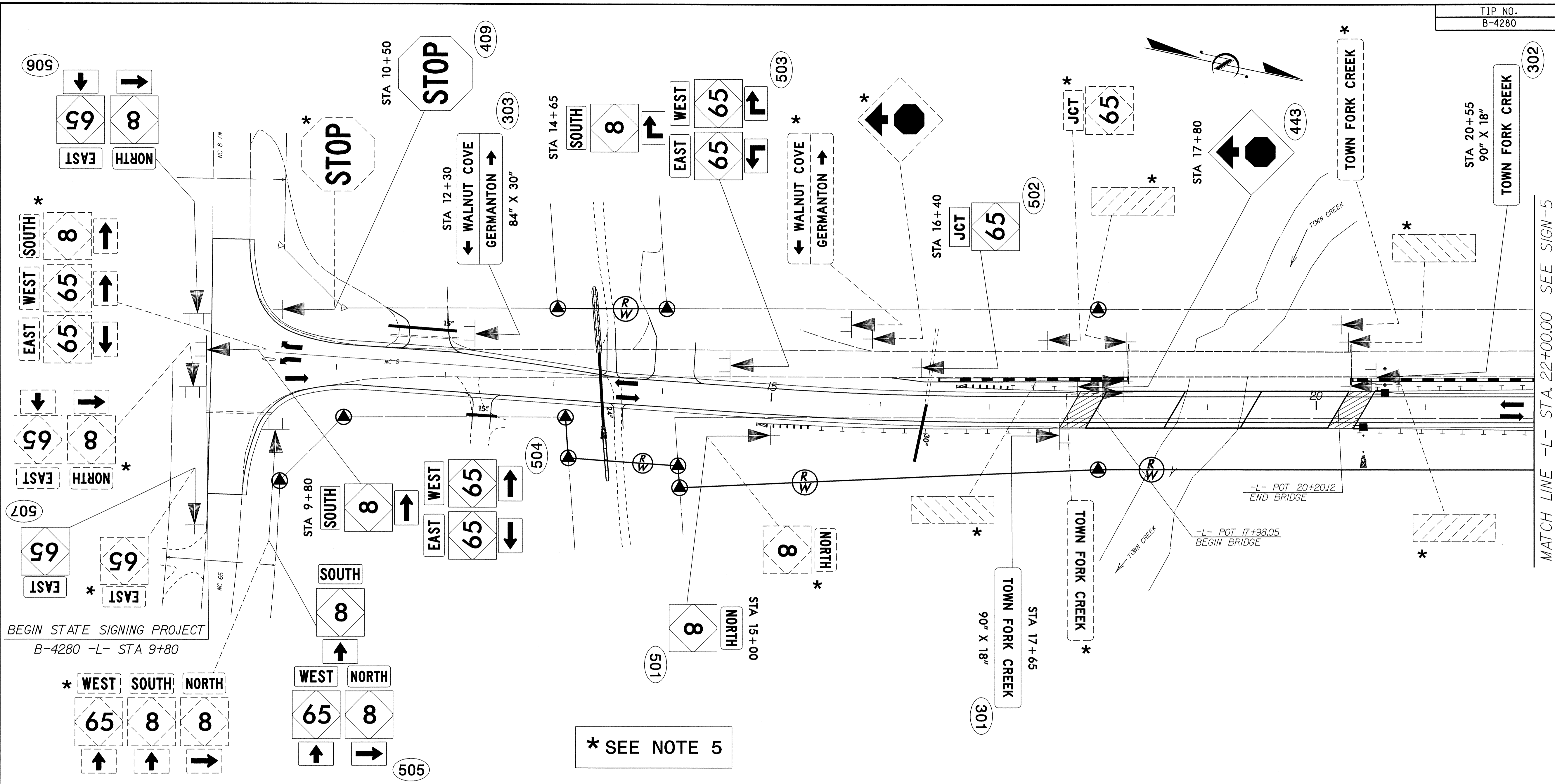
TWO "U" POSTS PER SIGN

NOTE: THIS DRAWING IS DIMENSIONED IN INCHES UNLESS OTHERWISE DEPICTED WITHIN THE DRAWING.



**TYPE "E" SIGNS
&
TYPE "F" SIGNS**

SCALE	1:1000	N. C. DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS TRAFFIC ENGINEERING BRANCH	REVISIONS	
DATE	APRIL 2007			
SIGNING TECHNICIAN	R. HENNEIN			
SIGNING PROJECT DGN ENG	K. JORDAN			
SIGNING PROJECT ENG	A. ALQUDWAH			



BEGIN STATE SIGNING PROJECT
B-4280 -L- STA 9+80

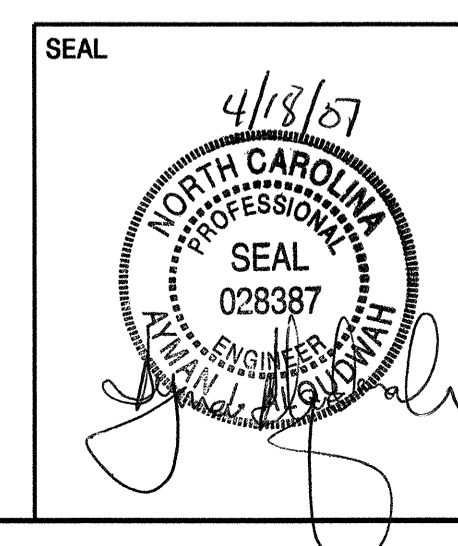
MATCH LINE -L- STA. 22+00.00 SEE SIGN-5

* SEE NOTE 5

WARNING SIGNS PLACEMENT CHART

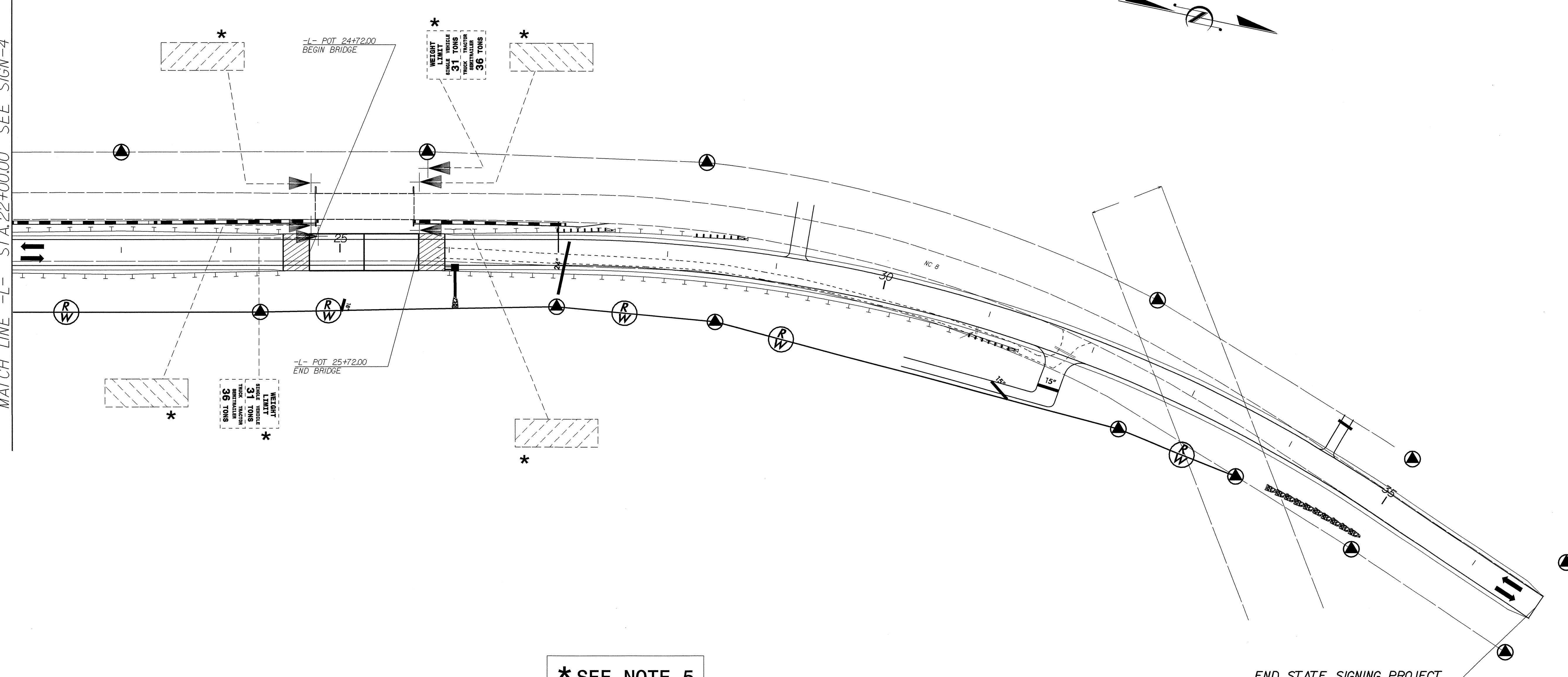
POSTED OR 85TH PERCENTILE SPEED MPH (KMH)	MUTCD DISTANCE FT (M)	SUGGESTED LOCATION FT (M)	SUGGESTED MAXIMUM FT (M)
30 (50)	450 (140)	475 (145)	575 (175)
35 (55)	550 (170)	575 (175)	675 (205)
40 (65)	650 (200)	675 (205)	775 (235)
45 (70)	750 (230)	775 (235)	875 (270)
50 (80)	850 (260)	875 (270)	975 (300)
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 SUPPORT, WOOD.
9. DISPOSAL OF SUPPORT, U-CHANNEL.



EXISTING/PROPOSED ROADWAY			
NC 8			
STA 10+00 TO 22+00			
SCALE	1:1000	N. C. DEPARTMENT OF TRANSPORTATION	REVISIONS
DATE	APRIL 2007		
SIGNING TECHNICIAN	R. HENNEIN	DIVISION OF HIGHWAYS TRAFFIC ENGINEERING BRANCH	
SIGNING PROJECT DGN ENG	K. JORDAN		
SIGNING PROJECT ENG	A. ALQUDWAH		

MATCH LINE -L- STA. 22+00.00 SEE SIGN-4



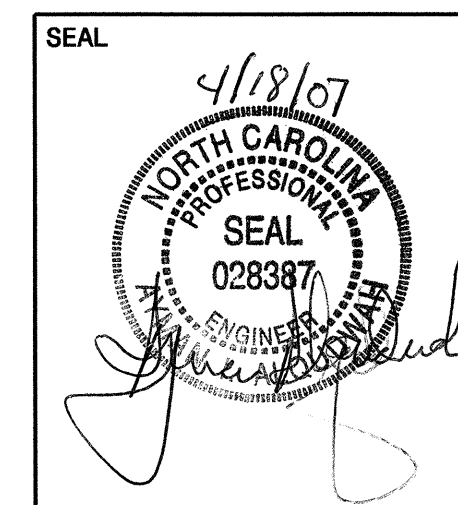
* SEE NOTE 5

END STATE SIGNING PROJECT
B-4280 -L- STA 36+70

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 SUPPORT, WOOD.
9. DISPOSAL OF SUPPORT, U-CHANNEL.



EXISTING/PROPOSED ROADWAY		N. C. DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS TRAFFIC ENGINEERING BRANCH	REVISIONS
NC 8			
STA 22+00 TO 36+70			
SCALE	1:1000		
DATE	APRIL 2007		
SIGNING TECHNICIAN	R. HENNEIN		
SIGNING PROJECT DGN ENG	K. JORDAN		
SIGNING PROJECT ENG	A. ALQUDWAH		