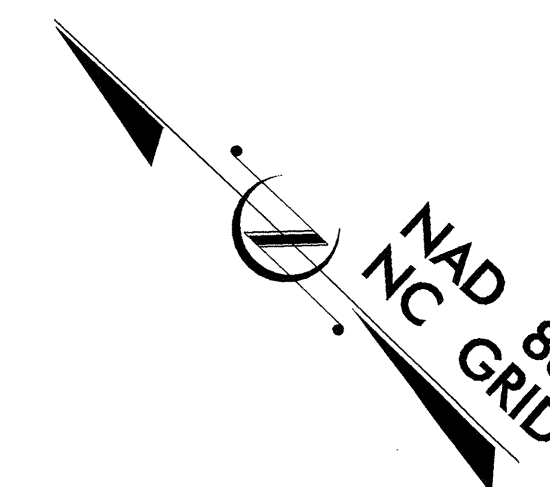


**CONTRACT NO.: C201604 T.I.P.: B-3446**

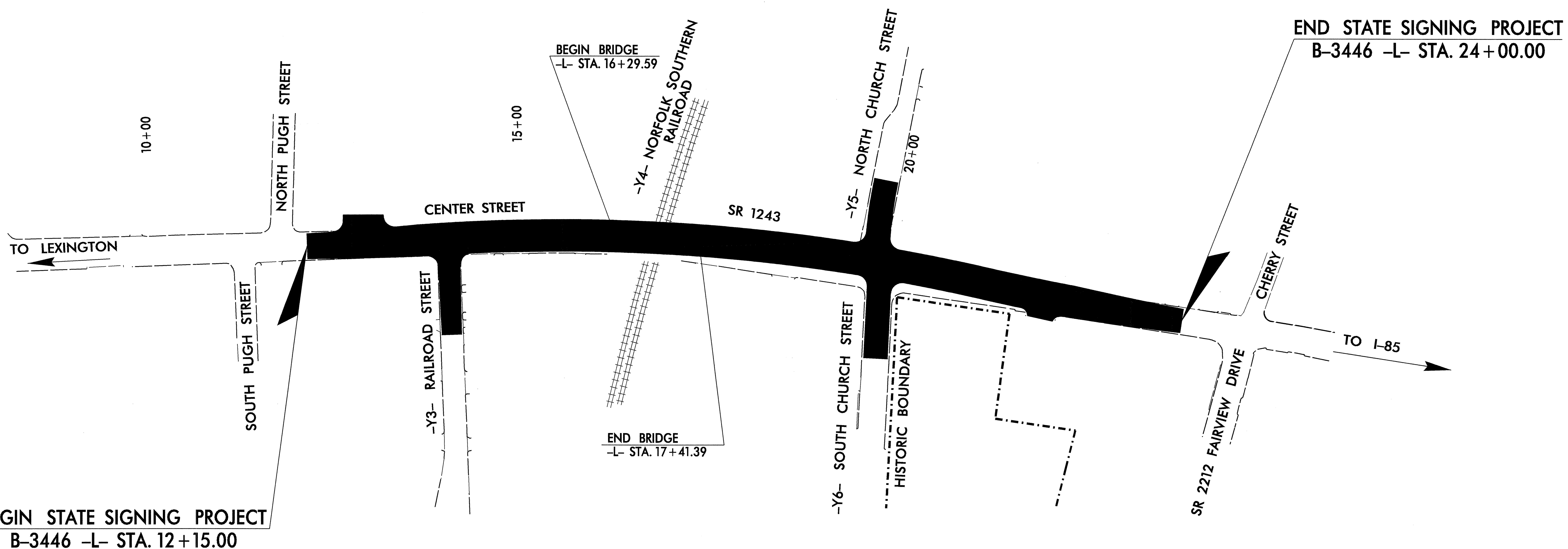
TIP NO. B-3446	SHEET NO. SIGN-1
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**STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION**



**SIGNING PLANS  
DAVIDSON COUNTY**

**LOCATION: BRIDGE NO. 415 ON SR 1243 (CENTER STREET) OVER NORFOLK SOUTHERN RAILROAD IN LEXINGTON**



**SUMMARY OF QUANTITIES**

ITEM NO.	DESC. NO.	SECT. NO.	ITEM DESCRIPTION	QUANTITY	UNIT
4025000000	901		CONTRACTOR FURNISHED, TYPE E SIGN	26.25	S.F.
4072000000	903		SUPPORTS, 3-LB STEEL U-CHANNEL	65	L.F.
4102000000	904		SIGN ERECTION, TYPE E	5	EA.
4155000000	907		DISPOSAL OF SIGN SYSTEM, U-CHANNEL	6	EA.

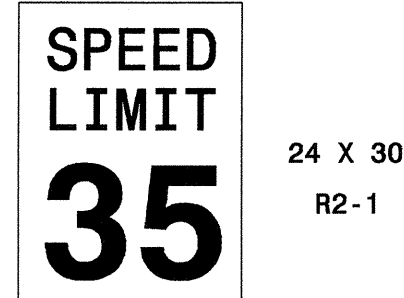
**INDEX**

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

PLAN PREPARED BY: N.C.D.O.T. SIGNING SECTION  R. W. KING, P.E. SIGNING ENGINEER A. I. ALQUDWAH, P.E. SIGNING PROJECT ENGINEER D. M. EATON SIGNING PROJECT DESIGN ENGINEER R. R. HENNEIN SIGNING DESIGNER	SEAL 
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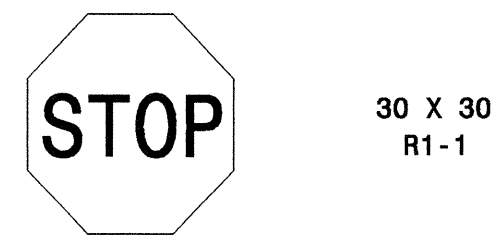
**ROADWAY STANDARD DRAWINGS  
APPLICABLE TO THESE SIGNING PLANS**  
 904.10 904.50

403 QUANTITY REQ'D 4



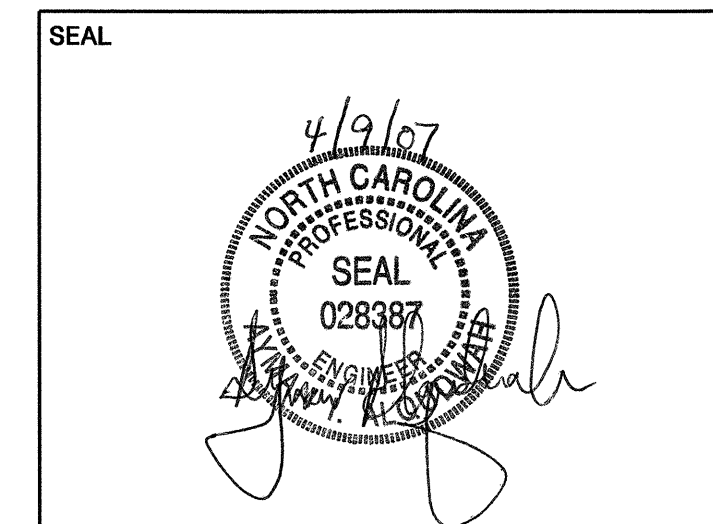
ONE "U" POST PER SIGN

408 QUANTITY REQ'D 1

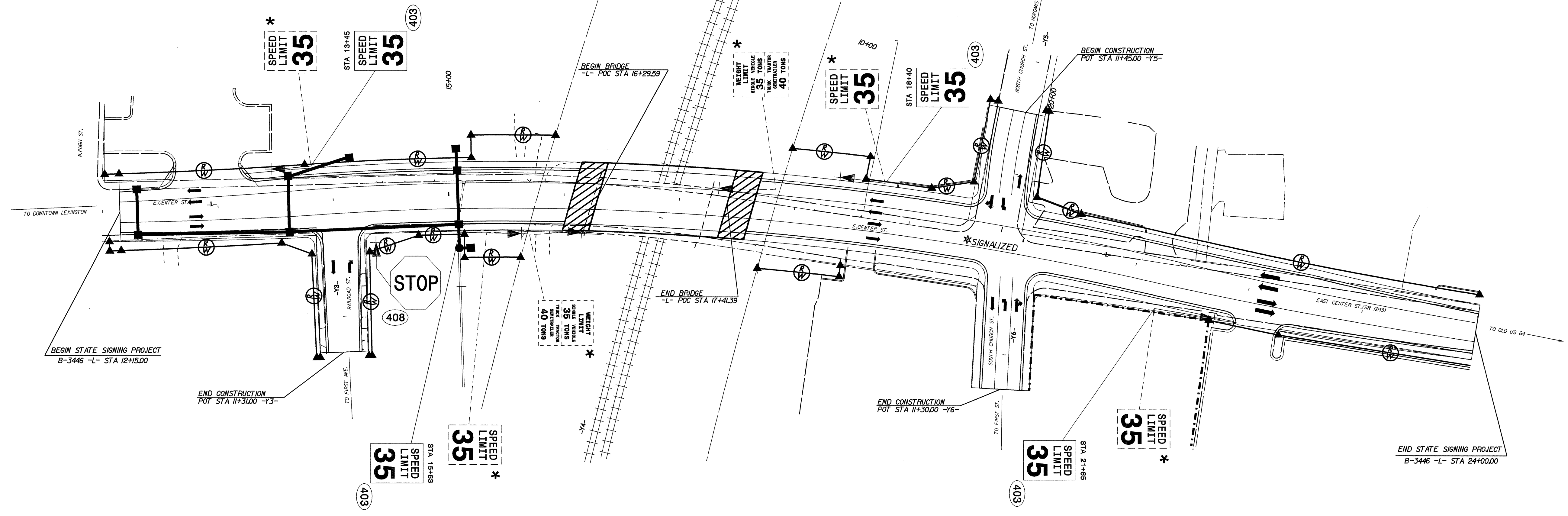
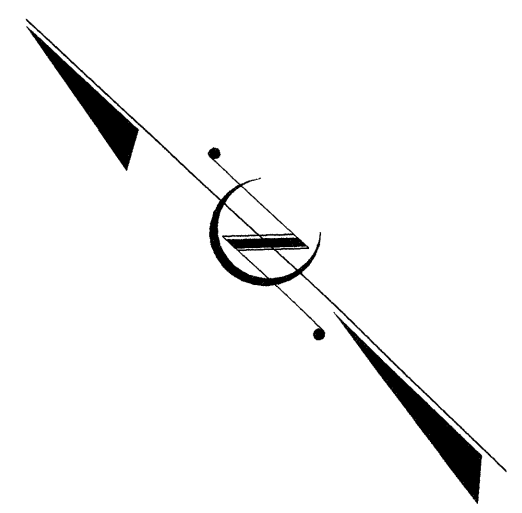
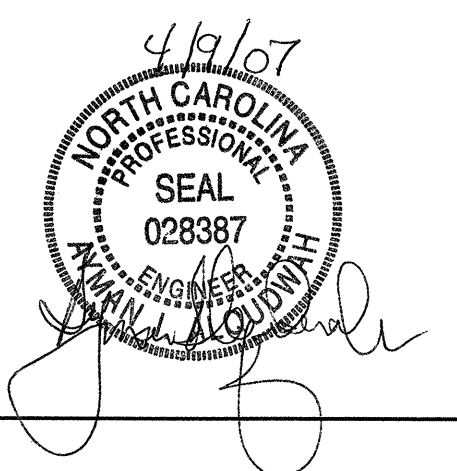


ONE "U" POST PER SIGN

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



**TYPE "E" SIGNS**



\* 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  
 SR 1243  
 STA 12+00 TO 24+00