


T.I.P.: B-3705

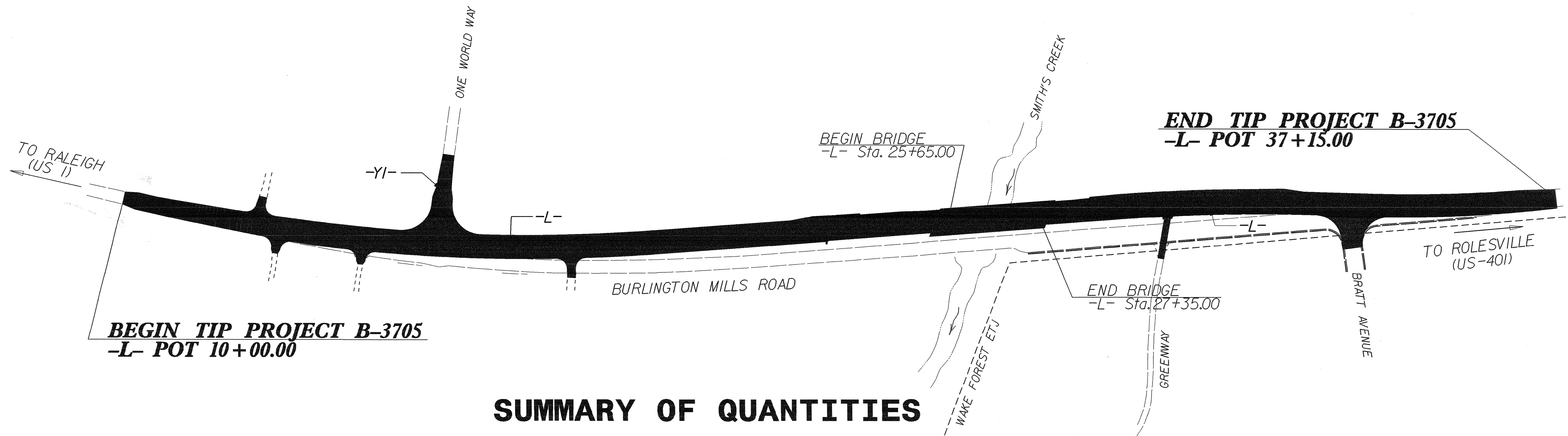
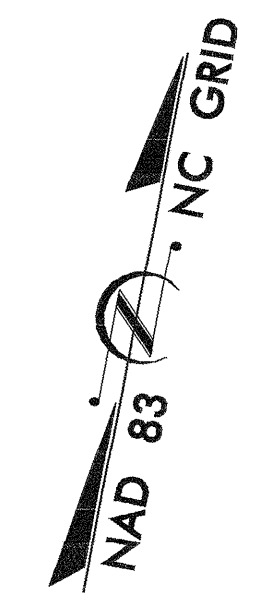
CONTRACT: C201472

**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION**

**SIGNING PLANS
WAKE COUNTY**

LOCATION: BRIDGE NO. 125 OVER SMITH'S CREEK ON SR 2045 (BURLINGTON MILLS RD)

TIP NO. B-3705	SHEET NO. SIGN-1
APPROVED: <i>[Signature]</i>	
DATE: 12/9/07	
SEAL	
	



BEGIN TIP PROJECT B-3705
-L- POT 10+00.00

END TIP PROJECT B-3705
-L- POT 37+15.00

SUMMARY OF QUANTITIES

ITEM NO.			QUANTITY	UNIT
DESC. NO.	SECT. NO.	ITEM DESCRIPTION		
4025000000	901	CONTRACTOR FURNISHED, TYPE D SIGN	32	S.F.
4025000000	901	CONTRACTOR FURNISHED, TYPE E SIGN	47.75	S.F.
4072000000	903	SUPPORTS, 3 LB STEEL U-CHANNEL	176	L.F.
4096000000	904	SIGN ERECTION, TYPE D	2	EA.
4102000000	904	SIGN ERECTION, TYPE E	8	EA.
4155000000	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	13	EA.

INDEX

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	TYPE "D" SIGNS
3	TYPE "E" SIGNS
4-5	EXISTING/PROPOSED ROADWAY

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

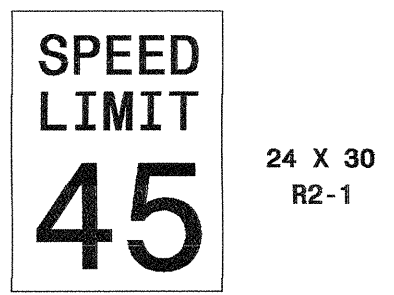




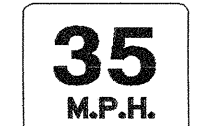
R. W. KING, PE SIGNING ENGINEER

A. I. ALQUODWAH, PE SIGNING PROJECT ENGINEER

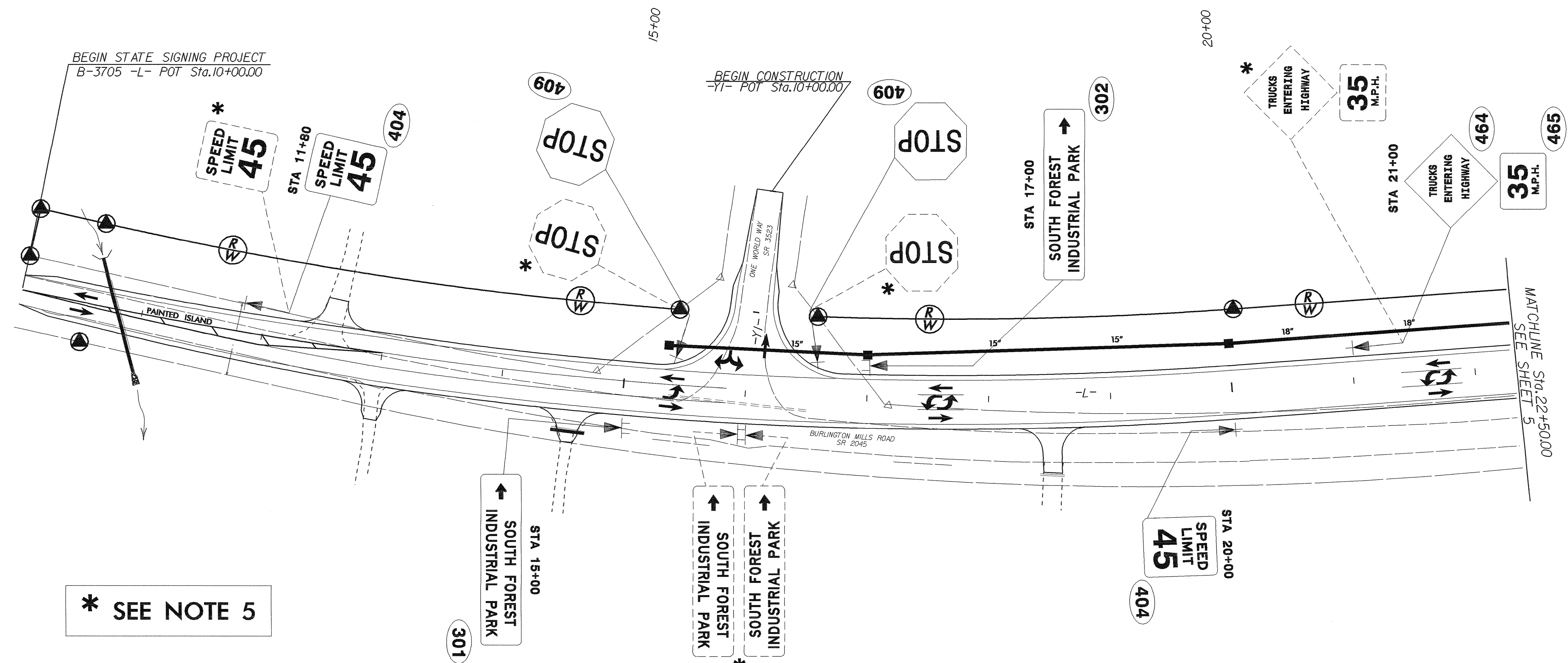
D. M. EATON SIGNING PROJECT DESIGN ENGINEER

R. R. HENNEIN SIGNING DESIGNER

**ROADWAY STANDARD DRAWINGS
APPLICABLE TO THESE SIGNING PLANS**
904.10 904.50

<p>404 QUANTITY REQ'D 3</p>  <p>24 X 30 R2-1</p> <p>ONE "U" POST PER SIGN</p>						<p>TIP NO. B-3705 SHEET NO. SIGN-3</p> <p>APPROVED: <i>[Signature]</i></p> <p>DATE: 10/9/07</p> <p>SEAL</p> 
<p>408 QUANTITY REQ'D 1</p>  <p>30 X 30 R1-1</p> <p>ONE "U" POST PER SIGN</p>						
<p>409 QUANTITY REQ'D 2</p>  <p>36 X 36 R1-1</p> <p>ONE "U" POST PER SIGN</p>						
<p>464 QUANTITY REQ'D 1</p>  <p>30 X 30 W14-12</p> <p>ONE "U" POST PER SIGN</p>						
<p>465 QUANTITY REQ'D 1</p>  <p>18 X 18 W13-1</p> <p>MOUNT BELOW SIGN 464 IN 1 INSTALLATION</p>						<p>TYPE "E" SIGNS</p>

TIP NO. B-3705	SHEET NO. SIGN-4
APPROVED: <i>[Signature]</i>	
DATE: 10/9/07	
SEAL	



* SEE NOTE 5


WARNING SIGNS PLACEMENT CHART

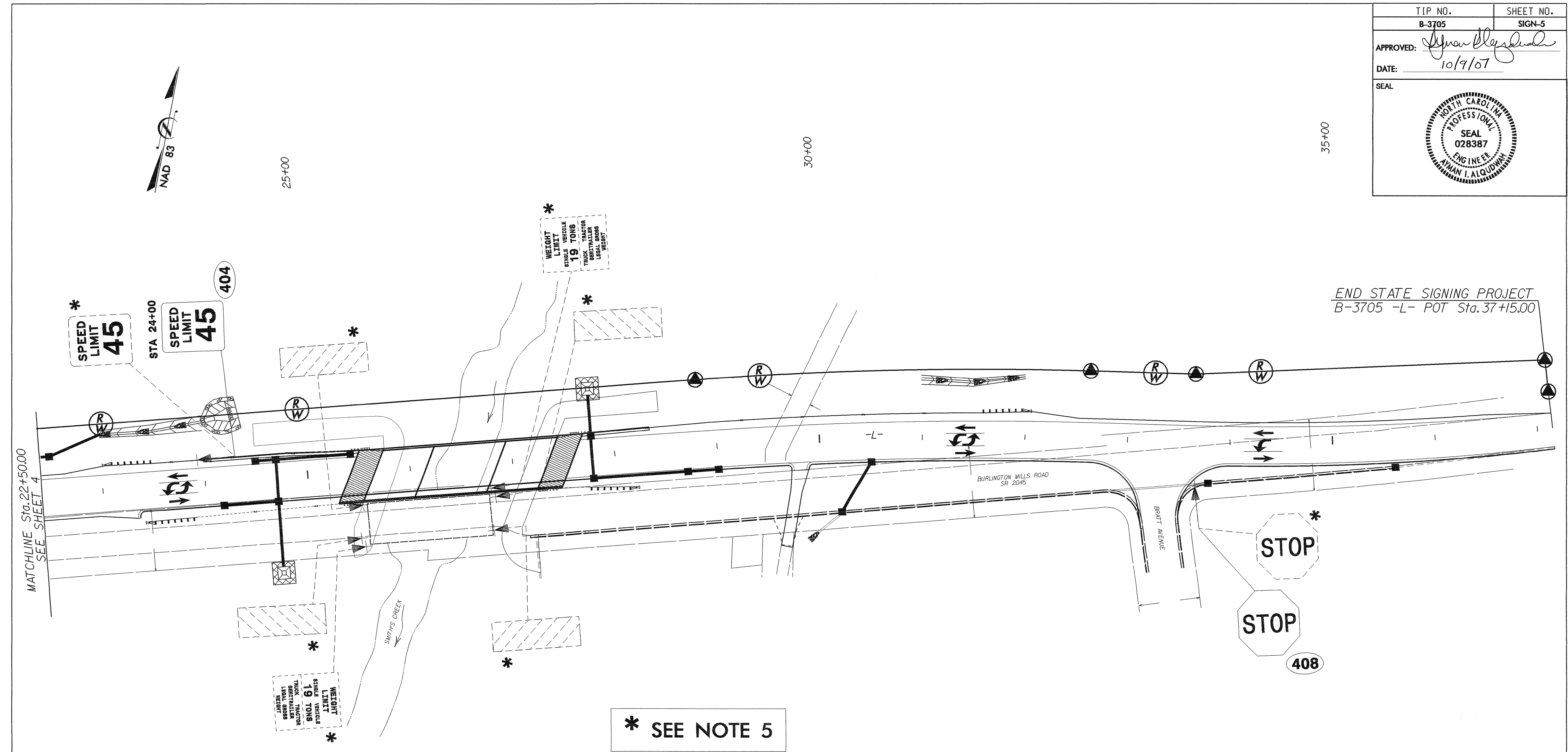
POSTED OR 85TH PERCENTILE SPEED MPH (KMH)	MUTCD DISTANCE FT (M)	SUGGESTED LOCATION FT (M)	SUGGESTED MAXIMUM FT (M)
30 (50)	450 (140)	475 (145)	575 (175)
35 (55)	550 (170)	575 (175)	675 (205)
40 (65)	650 (200)	675 (205)	775 (235)
45 (70)	750 (230)	775 (235)	875 (270)
50 (80)	850 (260)	875 (270)	975 (300)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

STA 10+00 TO 22+50
SR 2045
EXISTING/PROPOSED ROADWAY

TIP NO. B-3705	SHEET NO. SIGN-5
APPROVED: <i>[Signature]</i>	
DATE: 10/9/07	
SEAL	





END STATE SIGNING PROJECT
B-3705 -L- POT Sta. 37+15.00

* SEE NOTE 5

WARNING SIGNS PLACEMENT CHART

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8. DISPOSAL OF SIGN, D, E, OR F.
9. DISPOSAL OF SUPPORT, U-CHANNEL.

STA 22+50 TO 37+15
SR 2045
EXISTING/PROPOSED ROADWAY