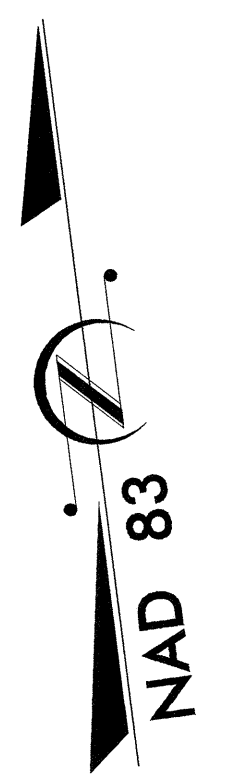


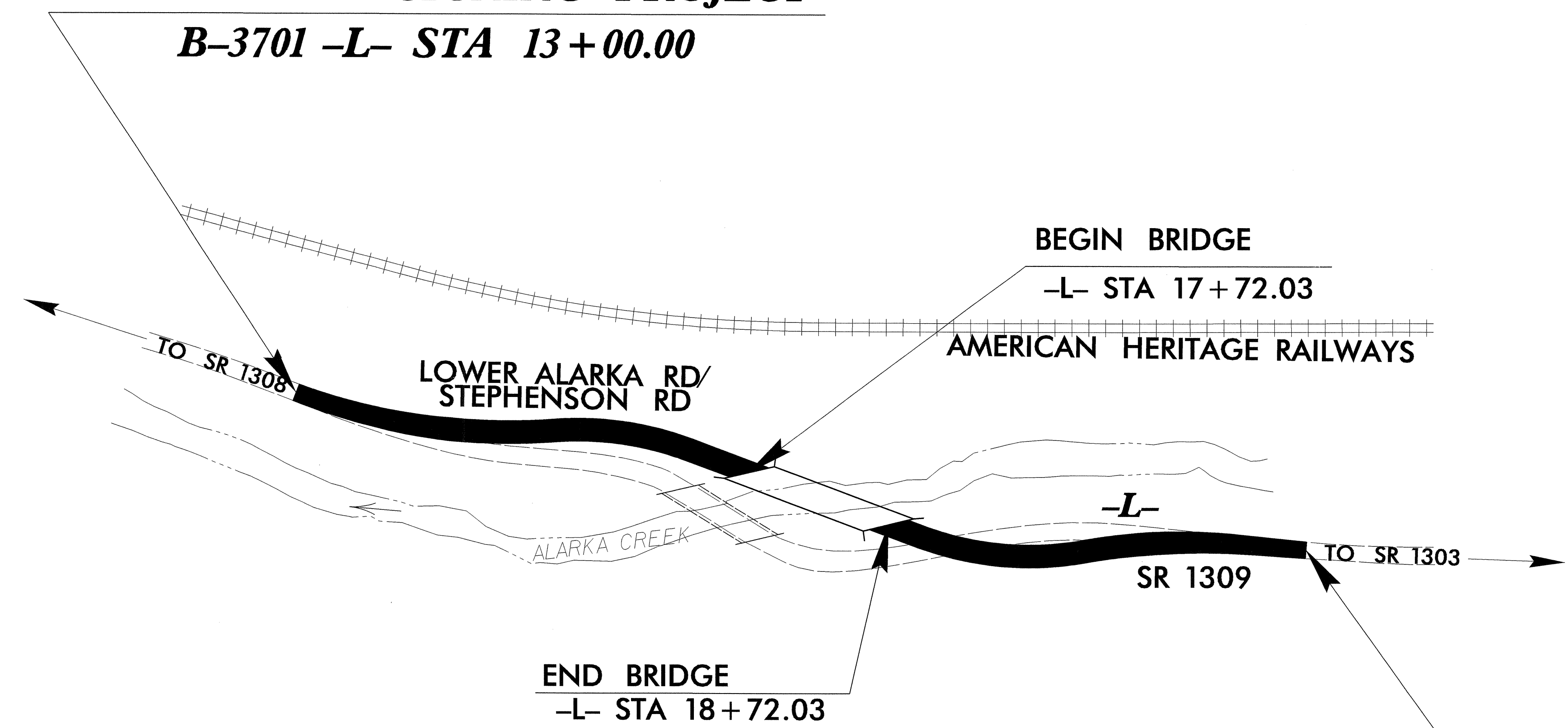
**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION**



**SIGNING PLANS
SWAIN COUNTY**

**LOCATION: BRIDGE NO. 106 OVER ALARKA CREEK ON SR 1309 (LOWER ALARKA RD/STEPHENSON BRANCH RD)
BEGIN STATE SIGNING PROJECT**

B-3701 -L- STA 13+00.00



END STATE SIGNING PROJECT

B-3701 -L- STA 23+00.00

SUMMARY OF QUANTITIES

ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4025000000	901	CONTRACTOR FURNISHED, TYPE E SIGN	5	S.F.
4072000000	903	SUPPORTS, 3-LB STEEL U-CHANNEL	13	L.F.
4102000000	904	SIGN ERECTION, TYPE E	1	EA.
4155000000	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	3	EA.

INDEX

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

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



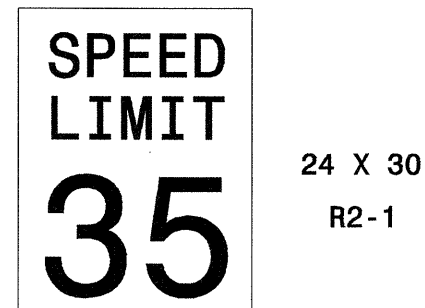
_____ **RON KING, P.E.** SIGNING ENGINEER
 _____ **A. I. ALQUDWAH, P.E.** SIGNING PROJECT ENGINEER
 _____ **D. M. EATON** SIGNING PROJECT DESIGN ENGINEER
 _____ **R. R. HENNEIN** SIGNING DESIGNER

ROADWAY STANDARD DRAWINGS
APPLICABLE TO THESE SIGNING PLANS
903.10 904.50

CONTRACT NO.: C201426 T.I.P.: B-3701

403 QUANTITY REQ'D _1_

TIP NO. SHEET NO.
B-3701 SIGN-2



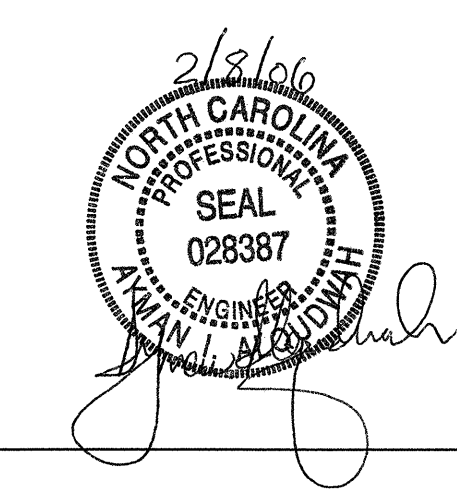
ONE "U" POST PER SIGN

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

SEAL



TYPE "E" SIGNS

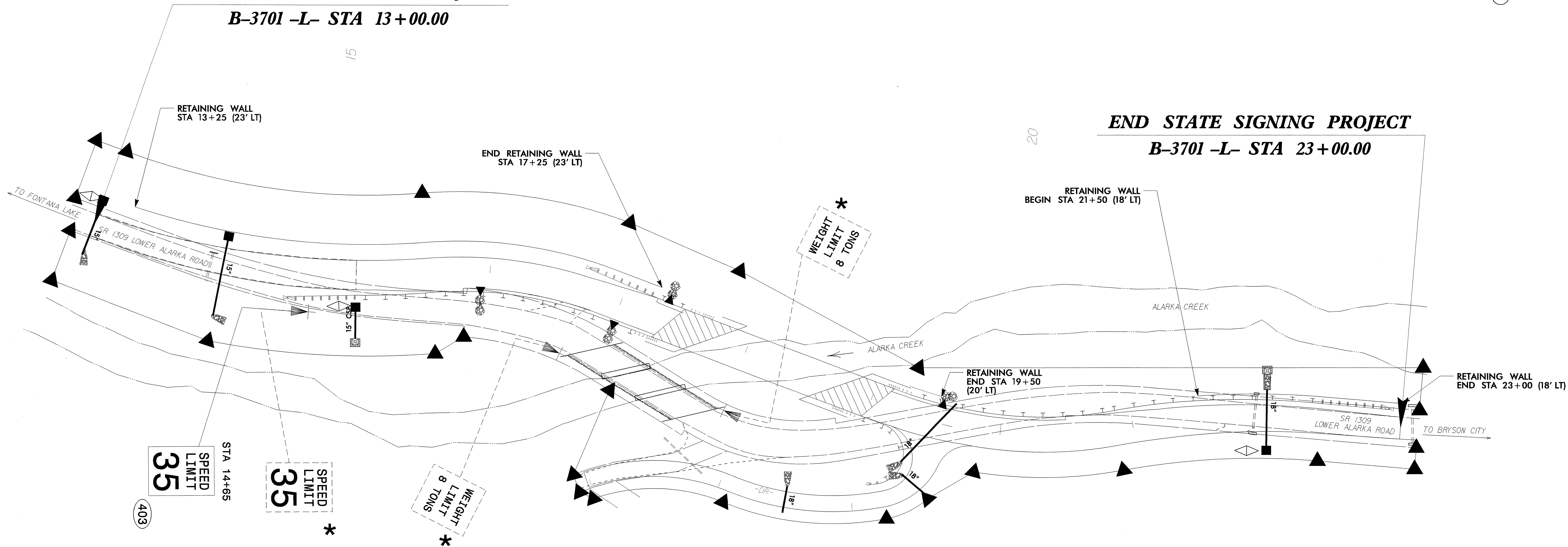


BEGIN STATE SIGNING PROJECT

B-3701 -L- STA 13+00.00

END STATE SIGNING PROJECT

B-3701 -L- STA 23+00.00



*** 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)

- SEE ROADWAY STANDARD NO. 904.50 FOR MOUNTING OF TYPE 'D', 'E', AND 'F' SIGNS ON 'U' CHANNEL POSTS.
- 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).
- 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.
- SIGNS FURNISHED BY CONTRACTOR. BACKGROUND SHEETING SHALL BE TYPE III REFLECTIVE SHEETING.
- DISPOSAL OF SIGN SYSTEM, U-CHANNEL.
- RELOCATE SIGN, TYPE D, E, OR F.
- DISPOSAL OF SIGN SYSTEM, WOOD.

EXISTING/PROPOSED ROADWAY
SR 1309
STA 13+00 TO 23+00