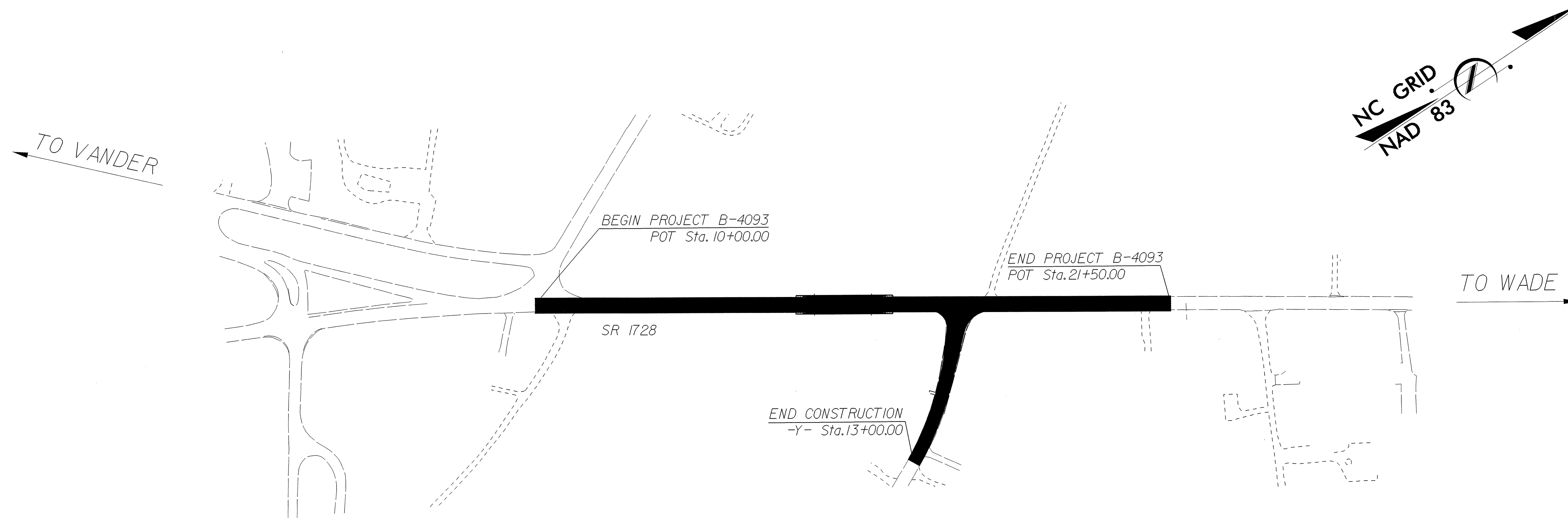


**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION**

**SIGNING PLANS
CUMBERLAND COUNTY**

LOCATION: BRIDGE NO. 81 OVER GUM LOG CREEK ON SR 1728 (MIDDLE RD.)

CONTRACT NO.: C201257 T.I.P.: B-4093



SUMMARY OF QUANTITIES

ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4025000000	901	CONTRACTOR FURNISHED, TYPE E SIGN.....	31.25	S.F.
4025000000	901	CONTRACTOR FURNISHED, TYPE F SIGN.....	7.1875	S.F.
4072000000	903	SUPPORTS, 3-LB STEEL U-CHANNEL.....	71	L.F.
4102000000	904	SIGN ERECTION, TYPE E.....	3	EA.
4108000000	904	SIGN ERECTION, TYPE F.....	1	EA.
4155000000	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL.....	10	EA.

ROADWAY STANDARD DRAWINGS
APPLICABLE TO THESE SIGNING PLANS
904.10
904.50

INDEX

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

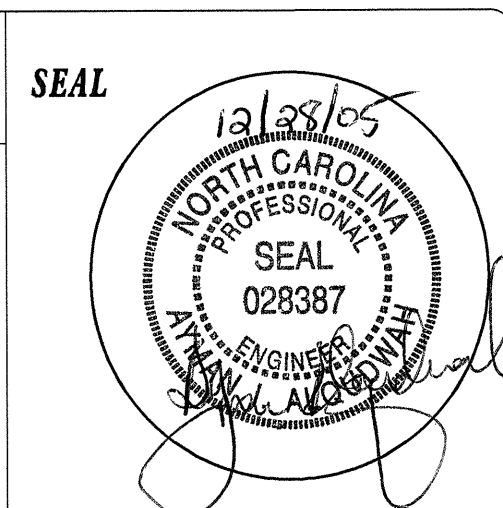
PLAN PREPARED BY: N.C.D.O.T. SIGNING SECTION

RON KING, P.E. SIGNING ENGINEER

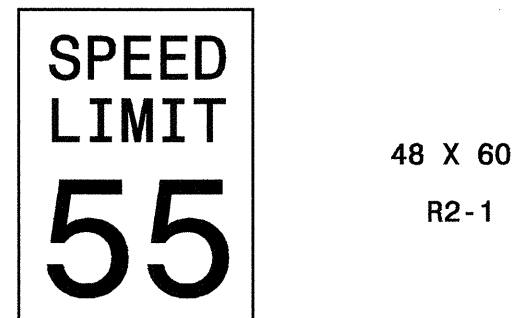
A. I. ALQUDWAH, P.E. SIGNING PROJECT ENGINEER

K. L. JORDAN SIGNING PROJECT DESIGN ENGINEER

M. M. TRACEY SIGNING DESIGNER



402 QUANTITY REQ'D 1



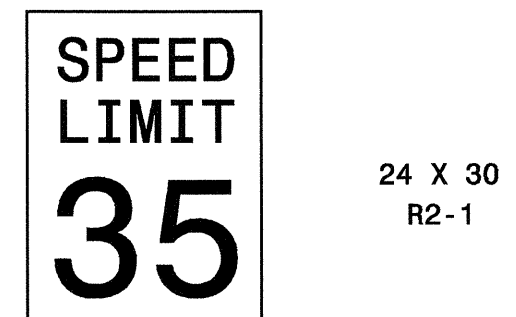
TWO "U" POSTS PER SIGN

501



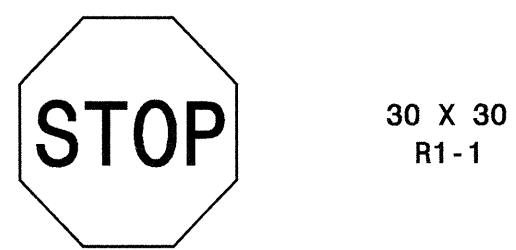
ONE "U" POST

404 QUANTITY REQ'D 1



ONE "U" POST PER SIGN

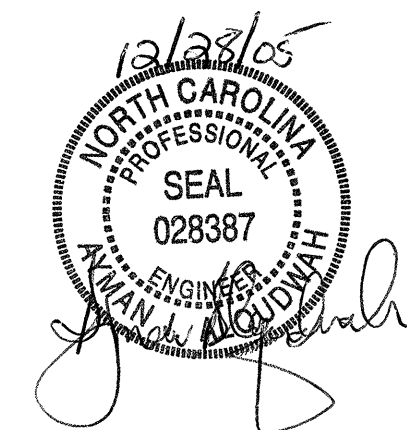
408 QUANTITY REQ'D 1



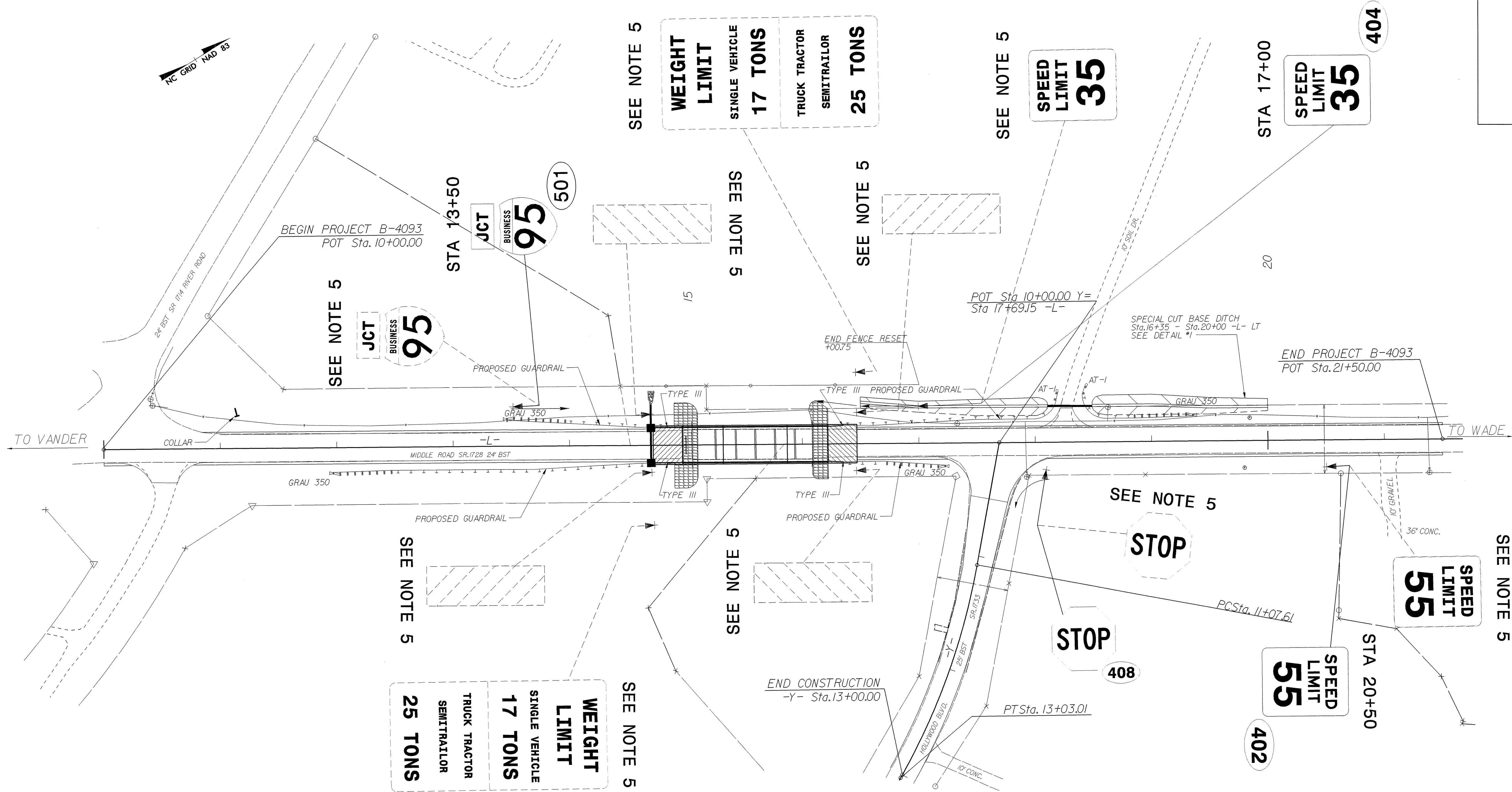
ONE "U" POST PER SIGN

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

SEAL



**TYPE "E" AND
"F" SIGNS**



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.
- DISPOSAL OF SIGN SYSTEM, U-CHANNEL.
- RELOCATE SIGN, TYPE D, E, OR F.
- DISPOSAL OF SIGN SYSTEM, WOOD.

EXISTING/PROPOSED ROADWAY
SR 1728
STA 10+00 TO 21+50