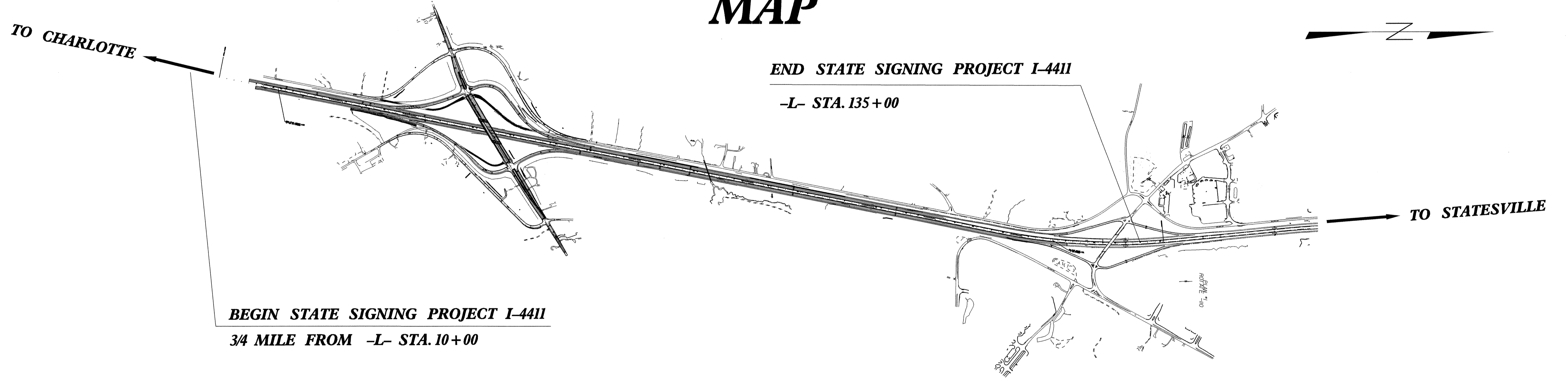


**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION**

**SIGNING PLANS
IREDELL COUNTY**

**LOCATION: PROPOSED INTERCHANGE AT EXISTING
I-77 AND SR 1102 GRADE SEPARATION**

MAP



INDEX

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2	SUMMARY OF QUANTITIES
3	NOTES
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12	GM SUPPORT INFORMATION
13	E SHEETS
14	F and Milemarker SHEETS
15-24	SIGN ROADWAY SHEETS

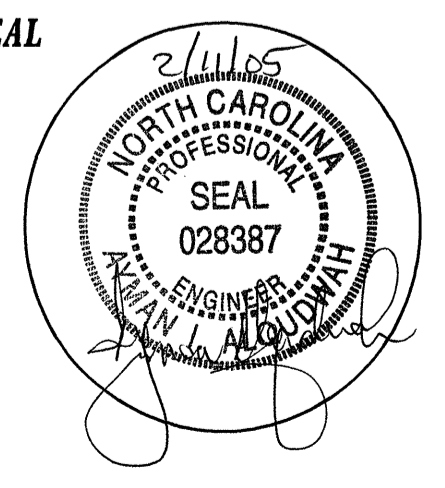
T.I.P.: I-4411

CONTRACT: C201208

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

R. W. KING	SIGNING ENGINEER
A. I. ALQUDWAH	SIGNING PROJECT ENGINEER
J. G. MARTINEZ	SIGNING PROJECT DESIGN ENGINEER
L. K. DONALDSON	SIGNING DESIGN ENGINEER
	SIGNING DESIGNER

SEAL





SIGNS

SUMMARY OF QUANTITIES

ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT	ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT	ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.				DESC. NO.	SECT. NO.				DESC. NO.	SECT. NO.			
0001000000	800	MOBILIZATION		L.S.	4129500000	906	RELOCATE SUPPORT, WOOD		EA.	4082200000	SP	OVERHEAD SIGN ASSEMBLY "F" AT STA 119+00 NBL	1	L.S.
4025000000	901	CONTRACTOR FURNISHED, TYPE A SIGN		S.F.	4138000000	907	DISPOSAL OF SUPPORT, STEEL BEAM	3	EA.	4082200000	SP	OVERHEAD SIGN ASSEMBLY AT STA *****		L.S.
4025000000	901	CONTRACTOR FURNISHED, TYPE B SIGN		S.F.	4141000000	907	DISPOSAL OF SUPPORT, WOOD		EA.	4082200000	SP	OVERHEAD SIGN ASSEMBLY AT STA *****		L.S.
4025000000	901	CONTRACTOR FURNISHED, TYPE D SIGN		S.F.	4143000000	907	DISPOSAL OF SUPPORT, OVERHEAD STRUCTURE		EA.	4082200000	SP	OVERHEAD SIGN ASSEMBLY AT STA *****		L.S.
4025000000	901	CONTRACTOR FURNISHED, TYPE E SIGN		S.F.	4149000000	907	DISPOSAL OF SIGN SYSTEM, OVERHEAD		EA.	4083200000	SP	OVERHEAD DYNAMIC MESSAGE SIGN ASSEMBLY "DMS-**"		L.S.
4025000000	901	CONTRACTOR FURNISHED, TYPE F SIGN		S.F.	4152000000	907	DISPOSAL OF SIGN SYSTEM, STEEL BEAM	4	EA.	4083200000	SP	OVERHEAD DYNAMIC MESSAGE SIGN ASSEMBLY "DMS-**"		L.S.
4025000000	901	CONTRACTOR FURNISHED, OVERLAYS SIGN		S.F.	4155000000	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	28	EA.	4127000000	SP	LIGHTING FOR OVERHEAD SIGN ASSEMBLY "A" AT STA 60+00 SBL	1	L.S.
4025000000	901	CONTRACTOR FURNISHED, MILEMARKER SIGN		S.F.	4158000000	907	DISPOSAL OF SIGN SYSTEM, WOOD	1	EA.	4127000000	SP	LIGHTING FOR OVERHEAD SIGN ASSEMBLY "B" AT STA 72+00 NBL	1	L.S.
4048000000	902	REINFORCED CONCRETE SIGN FOOTINGS	5	C.Y.	4192000000	907	DISPOSAL OF SUPPORT, U-CHANNEL	1	EA.	4127000000	SP	LIGHTING FOR OVERHEAD SIGN ASSEMBLY "C" AT STA 87+00 SBL	1	L.S.
4054000000	902	PLAIN CONCRETE SIGN FOOTINGS	2	C.Y.	4234000000	907	DISPOSAL OF SIGN, A OR B (OVERHEAD)		EA.	4127000000	SP	LIGHTING FOR OVERHEAD SIGN ASSEMBLY "D" AT STA 94+50 NBL	1	L.S.
4056000000	902	OVERHEAD FOOTING		EA.	4236000000	907	DISPOSAL OF SIGN, A OR B (GROUND MOUNTED)		EA.	4127000000	SP	LIGHTING FOR OVERHEAD SIGN ASSEMBLY "E" AT STA 109+00 SBL	1	L.S.
4060000000	903	SUPPORTS, BREAKAWAY STEEL BEAM	4185	LB.	4238000000	907	DISPOSAL OF SIGN, D, E OR F		EA.	4127000000	SP	LIGHTING FOR OVERHEAD SIGN ASSEMBLY "F" AT STA 119+00 NBL	1	L.S.
4066000000	903	SUPPORTS, SIMPLE STEEL BEAM	644	LB.	4238500000	907	DISPOSAL OF SIGN, MILEMARKERS	4	EA.	4127000000	SP	LIGHTING FOR OVERHEAD SIGN ASSEMBLY AT STA *****		L.S.
4072000000	903	SUPPORTS, 3 LB STEEL U-CHANNEL	1423	L.F.	4241000000	907	DISPOSAL OF SIGN, OVERLAY (OVERHEAD)		EA.	4127000000	SP	LIGHTING FOR OVERHEAD SIGN ASSEMBLY AT STA *****		L.S.
4078000000	903	SUPPORTS, 2 LB STEEL U-CHANNEL	4	EA.	4242000000	907	DISPOSAL OF SIGN, OVERLAY (GROUND MOUNTED)		EA.	4127000000	SP	LIGHTING FOR OVERHEAD SIGN ASSEMBLY AT STA *****		L.S.
4079000000	903	SUPPORTS, BARRIER (SMALL)		EA.	4251000000	907	DISPOSAL OF LIGHTING SYSTEM		EA.	4127000000	SP	LIGHTING FOR OVERHEAD SIGN ASSEMBLY AT STA *****		L.S.
4080000000	903	SUPPORTS, BARRIER (LARGE)		EA.	4258000000	907	DISPOSAL OF LIGHTING FIXTURES		EA.	4127000000	SP	LIGHTING FOR OVERHEAD SIGN ASSEMBLY AT STA *****		L.S.
4081000000	903	SUPPORTS, OVERHEAD STRUCTURE " "		L.S.	4263000000	907	DISPOSAL OF WALKWAY		EA.	4127000000	SP	LIGHTING FOR OVERHEAD SIGN ASSEMBLY AT STA *****		L.S.
4081000000	903	SUPPORTS, OVERHEAD STRUCTURE " "		L.S.	4132000000	907	STOCKPILE SUPPORT, STEEL BEAM		EA.	4127000000	SP	LIGHTING FOR OVERHEAD SIGN ASSEMBLY AT STA *****		L.S.
4082000000	903	SUPPORTS, WOOD		L.F.	4140000000	907	STOCKPILE SUPPORT, WOOD		EA.	4127500000	SP	LRS LIGHTING SYSTEM FOR OVERHEAD SIGN ASSEMBLY AT STA *****		L.S.
4109000000	904	SIGN ERECTION, TYPE A (OVERHEAD)		EA.	4142000000	907	STOCKPILE SUPPORT, OVERHEAD STRUCTURE		EA.	4127500000	SP	LRS LIGHTING SYSTEM FOR OVERHEAD SIGN ASSEMBLY AT STA *****		L.S.
4109000000	904	SIGN ERECTION, TYPE B (OVERHEAD)		EA.	4148000000	907	STOCKPILE SIGN SYSTEM, OVERHEAD		EA.	4127500000	SP	LRS LIGHTING SYSTEM FOR OVERHEAD SIGN ASSEMBLY AT STA *****		L.S.
4110000000	904	SIGN ERECTION, TYPE A (GROUND MOUNTED)	7	EA.	4151000000	907	STOCKPILE SIGN SYSTEM, STEEL BEAM		EA.	4127500000	SP	LRS LIGHTING SYSTEM FOR OVERHEAD SIGN ASSEMBLY AT STA *****		L.S.
4110000000	904	SIGN ERECTION, TYPE B (GROUND MOUNTED)	5	EA.	4154000000	907	STOCKPILE SIGN SYSTEM, U-CHANNEL		EA.	4127500000	SP	LRS LIGHTING SYSTEM FOR OVERHEAD SIGN ASSEMBLY AT STA *****		L.S.
4096000000	904	SIGN ERECTION, TYPE D	6	EA.	4157000000	907	STOCKPILE SIGN SYSTEM, WOOD		EA.	4127500000	SP	LRS LIGHTING SYSTEM FOR OVERHEAD SIGN ASSEMBLY AT STA *****		L.S.
4102000000	904	SIGN ERECTION, TYPE E	55	EA.	4186000000	907	STOCKPILE SUPPORT, U-CHANNEL		EA.	4127500000	SP	LRS LIGHTING SYSTEM FOR OVERHEAD SIGN ASSEMBLY AT STA *****		L.S.
4108000000	904	SIGN ERECTION, TYPE F	11	EA.	4228000000	907	STOCKPILE SIGN, A OR B (OVERHEAD)		EA.	4127500000	SP	LRS LIGHTING SYSTEM FOR OVERHEAD SIGN ASSEMBLY AT STA *****		L.S.
4114000000	904	SIGN ERECTION, MILEMARKERS	4	EA.	4235000000	907	STOCKPILE SIGN, A OR B (GROUND MOUNTED)		EA.	4127500000	SP	LRS LIGHTING SYSTEM FOR OVERHEAD SIGN ASSEMBLY AT STA *****		L.S.
4115000000	904	SIGN ERECTION, OVERLAY (OVERHEAD)		EA.	4237000000	907	STOCKPILE SIGN, D, E OR F		EA.	4127500000	SP	LRS LIGHTING SYSTEM FOR OVERHEAD SIGN ASSEMBLY AT STA *****		L.S.
4116000000	904	SIGN ERECTION, OVERLAY (GROUND MOUNTED)		EA.	4237500000	907	STOCKPILE SIGN, MILEMARKERS		EA.	4127500000	SP	LRS LIGHTING SYSTEM FOR OVERHEAD SIGN ASSEMBLY AT STA *****		L.S.
4116200000	904	SIGN ERECTION, REPOSITION OVERHEAD		EA.	4250000000	907	STOCKPILE LIGHTING SYSTEM		EA.	4127500000	SP	LRS LIGHTING SYSTEM FOR OVERHEAD SIGN ASSEMBLY AT STA *****		L.S.
4116300000	904	SIGN ERECTION, LOGO TO PANEL		EA.	4252000000	907	STOCKPILE LIGHTING FIXTURES		EA.	4127500000	SP	LRS LIGHTING SYSTEM FOR OVERHEAD SIGN ASSEMBLY AT STA *****		L.S.
4116400000	904	SIGN ERECTION, LOGO TRAILBLAZER		EA.	4262000000	907	STOCKPILE WALKWAY		EA.	4127500000	SP	LRS LIGHTING SYSTEM FOR OVERHEAD SIGN ASSEMBLY AT STA *****		L.S.
4116500000	904	SIGN ERECTION, WALKWAY		L.F.	4277000000	908	TEMPORARY SIGN, TYPE A		S.F.	4127500000	SP	LRS LIGHTING SYSTEM FOR OVERHEAD SIGN ASSEMBLY AT STA *****		L.S.
4126000000	905	SIGN LIGHTING SYSTEM " "		L.S.	4277000000	908	TEMPORARY SIGN, TYPE B		S.F.	4127500000	SP	LRS LIGHTING SYSTEM FOR OVERHEAD SIGN ASSEMBLY AT STA *****		L.S.
4126000000	905	SIGN LIGHTING SYSTEM " "		L.S.	4277000000	908	TEMPORARY SIGN, TYPE D		S.F.	4127500000	SP	LRS LIGHTING SYSTEM FOR OVERHEAD SIGN ASSEMBLY AT STA *****		L.S.
4126000000	905	SIGN LIGHTING SYSTEM " "		L.S.	4277000000	908	TEMPORARY SIGN, TYPE E		S.F.	4127500000	SP	LRS LIGHTING SYSTEM FOR OVERHEAD SIGN ASSEMBLY AT STA *****		L.S.
4126000000	905	SIGN LIGHTING SYSTEM " "		L.S.	4277000000	908	TEMPORARY SIGN, TYPE F		S.F.	4127500000	SP	LRS LIGHTING SYSTEM FOR OVERHEAD SIGN ASSEMBLY AT STA *****		L.S.
4126000000	905	SIGN LIGHTING SYSTEM " "		L.S.	4278000000	908	TEMPORARY RELOCATE SIGN, TYPE A		EA.	4128000000	SP	STATIC LIGHTING SYSTEM FOR OVERHEAD SIGN ASSEMBLY AT STA *****		L.S.
4129000000	906	RELOCATE SIGN, TYPE A (OVERHEAD)		EA.	4278000000	908	TEMPORARY RELOCATE SIGN, TYPE B		EA.					
4129000000	906	RELOCATE SIGN, TYPE B (OVERHEAD)		EA.	4278000000	908	TEMPORARY RELOCATE SIGN, TYPE D		EA.					
4129000000	906	RELOCATE SIGN, TYPE A (GROUND MOUNTED)	4	EA.	4278000000	908	TEMPORARY RELOCATE SIGN, TYPE E		EA.					
4129000000	906	RELOCATE SIGN, TYPE B (GROUND MOUNTED)		EA.	4278000000	908	TEMPORARY RELOCATE SIGN, TYPE F		EA.					
4129000000	906	RELOCATE SIGN, TYPE D	1	EA.	4279000000	908	TEMPORARY RELOCATE SIGN SUPPORT, STEEL BEAM		EA.					
4129000000	906	RELOCATE SIGN, TYPE E		EA.	4280000000	908	TEMPORARY RELOCATE SIGN SUPPORT, WOOD		EA.					
4129000000	906	RELOCATE SIGN, TYPE F		EA.	4285000000	908	TEMPORARY SIGN COVERS		EA.					
4129000000	906	RELOCATE SIGN, MILEMARKERS		EA.	4082200000	SP	OVERHEAD SIGN ASSEMBLY "A" AT STA 60+00 SBL	1	L.S.					
4129200000	906	RELOCATE SUPPORT, OVERHEAD SIGN SYSTEM		EA.	4082200000	SP	OVERHEAD SIGN ASSEMBLY "B" AT STA 72+00 NBL	1	L.S.					
4129300000	906	RELOCATE SUPPORT, STEEL BEAM		EA.	4082200000	SP	OVERHEAD SIGN ASSEMBLY "C" AT STA 87+00 SBL	1	L.S.					
4129400000	906	RELOCATE LIGHTING SYSTEM		EA.	4082200000	SP	OVERHEAD SIGN ASSEMBLY "D" AT STA 94+50 NBL	1	L.S.					
					4082200000	SP	OVERHEAD SIGN ASSEMBLY "E" AT STA 109+00 SBL	1	L.S.					

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

901.10	901.50	904.20
901.20	901.70	904.40
901.30	903.10	904.50
901.40	904.10	905.10



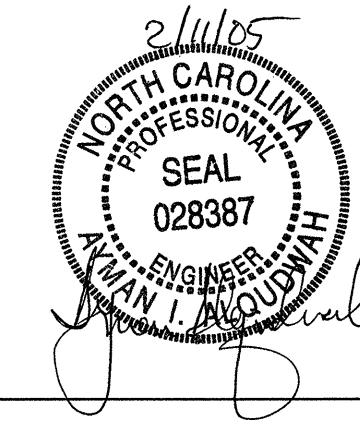
Pay Item Notes:

- 1 DISPOSAL OF SUPPORT, STEEL BEAM
- 2 DISPOSAL OF SIGN SYSTEM, STEEL BEAM
- 3 DISPOSAL OF SIGN SYSTEM, U-CHANNEL
- 4 DISPOSAL OF SUPPORT, U-CHANNEL
- 5 DISPOSAL OF SIGN, MILEMARKERS
- 6 RELOCATE SIGN, TYPE B (GROUND MOUNTED)
- 7 RELOCATE SIGN, TYPE D
- 8 DISPOSAL OF SIGN SYSTEM, WOOD
- 9 DISPOSAL OF SIGN, A OR B (GROUND MOUNTED)
- 10 RELOCATE SIGN, TYPE A (GROUND MOUNTED)

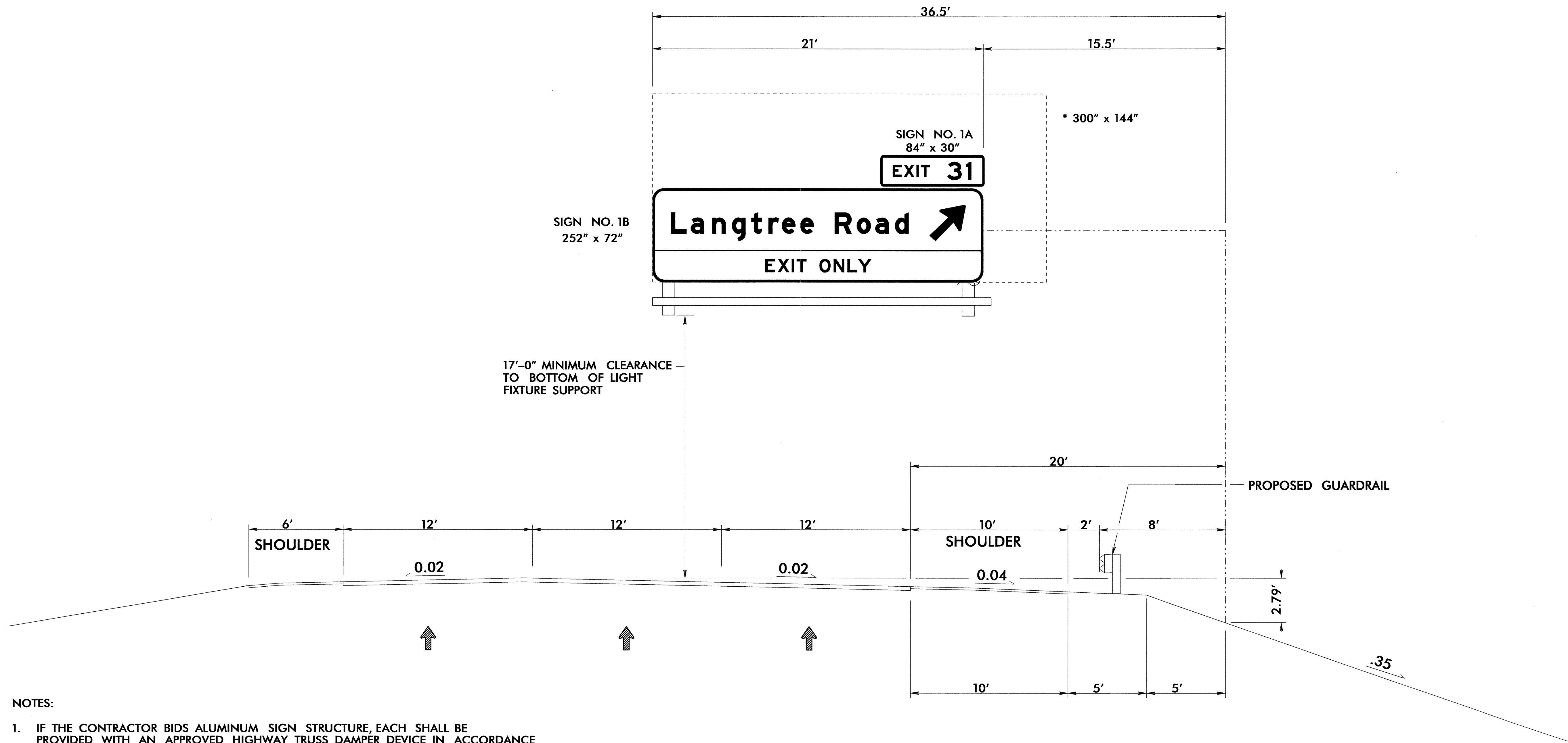
General Notes:

- . SIGNS FURNISHED BY STATE
- . ALL TYPE 'D' SIGNS SHALL BE MOUNTED ON TWO U-CHANNEL POSTS UNLESS OTHERWISE INDICATED ON THE PLANS.
- . IF REMOVAL OR RELOCATION OF SIGNS ON PRIVATE STREET (NON-STATE MAINTAINED) IS REQUIRED DUE TO CONSTRUCTION, THE CONTRACTOR SHALL INFORM THE ENGINEER. THE WORK WILL BE COMPLETED BY OTHERS.
- . SIGNING PLANS DO NOT INCLUDE TEMPORARY CONSTRUCTION SIGNING OR PAVEMENT MARKINGS. SEE TRAFFIC CONTROL PLANS.
- . WHEN NOT STATIONED OR DIMENSIONED ON PLANS, ALL 'E' AND 'F' SIGNS SHALL BE FIELD LOCATED BY THE ENGINEER
- . ALL EXISTING SIGNS ON "U" CHANNEL POST WITHIN THE PROJECT LIMITS SHALL BE REMOVED AND DISPOSED OF UNLESS OTHERWISE NOTED ON PLANS.
- . WHEN EXISTING SIGNS ARE REMOVED AND INSTALLED ON NEW SUPPORTS, THE RE-ERECTION SHALL IMMEDIATELY FOLLOW THE REMOVAL.
- . THE BACKGROUND FOR TYPE E & F SIGNS SHALL BE TYPE III REFLECTIVE SHEETING.
- . THE CONTRACTOR SHALL BE REQUIRED TO SUBMIT TO THE N.C.D.O.T. FOR APPROVAL, DETAIL DRAWINGS OF STATIC LIGHTING SYSTEM MOUNTING ON OHS ASSEMBLY.
- . WALKWAY AND HANDRAIL IS NOT REQUIRED.
- . THE CONTRACTOR SHALL ENSURE THAT COORDINATION IS ESTABLISHED BETWEEN THE OHS ASSEMBLY AND STATIC LIGHTING SYSTEM FABRICATORS SO THAT A FULLY FUNCTIONAL SIGN AND LIGHTING SYSTEM IS INSTALLED. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY OHS ASSEMBLY AND STATIC LIGHTING SYSTEM INCOMPATIBILITIES, OR INSTALLATION OF A LIGHTING SYSTEM NOT FUNCTIONING TO ITS INTENDED PURPOSE.
- . DO NOT BEGIN FABRICATION FOR TYPES A & B SIGNS MOUNTED ON OVERHEAD STRUCTURES OR STEEL SUPPORTS UNTIL "S" DIMENSIONS HAVE BEEN FIELD VERIFIED.

Project Notes:



* THESE DIMENSIONS SHALL BE USED FOR WIND LOAD AND DEAD LOAD COMPUTATION IN DESIGN OF STRUCTURE AND FOOTING. DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMMODATE WIND VELOCITY OF 90 M.P.H.



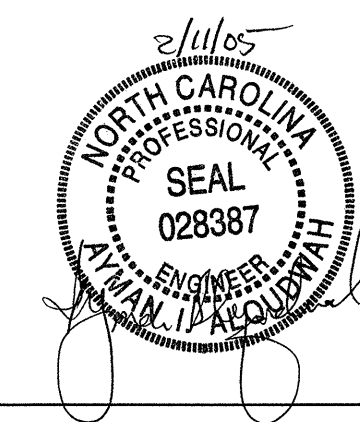
- NOTES:
1. IF THE CONTRACTOR BIDS ALUMINUM SIGN STRUCTURE, EACH SHALL BE PROVIDED WITH AN APPROVED HIGHWAY TRUSS DAMPER DEVICE IN ACCORDANCE WITH AASHTO SPECIFICATIONS.
 2. MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.
 3. FIELD VERIFICATION SHALL BE REQUIRED FOR ALL FOOTING ELEVATIONS, PER THE LATEST NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES. PROVIDE FIELD VERIFICATION TO THE SIGNING SECTION.
 4. THE TOP OF THE FOOTING SHALL EXTEND AT LEAST 4 INCHES AND NOT MORE THAN 24 INCHES ABOVE THE HIGHEST POINT OF THE GROUND SURFACE AT THE FOOTING.
 5. SIGN HANGERS, STATIC LIGHTING SYSTEM AND ATTACHMENT HARDWARE SHALL BE PROVIDED AND INSTALLED ON THE ASSEMBLY TO ACCOMMODATE ALL SIGNS SHOWN IN THIS PLAN SHEET.

OVERHEAD SIGN ASSEMBLY "A"

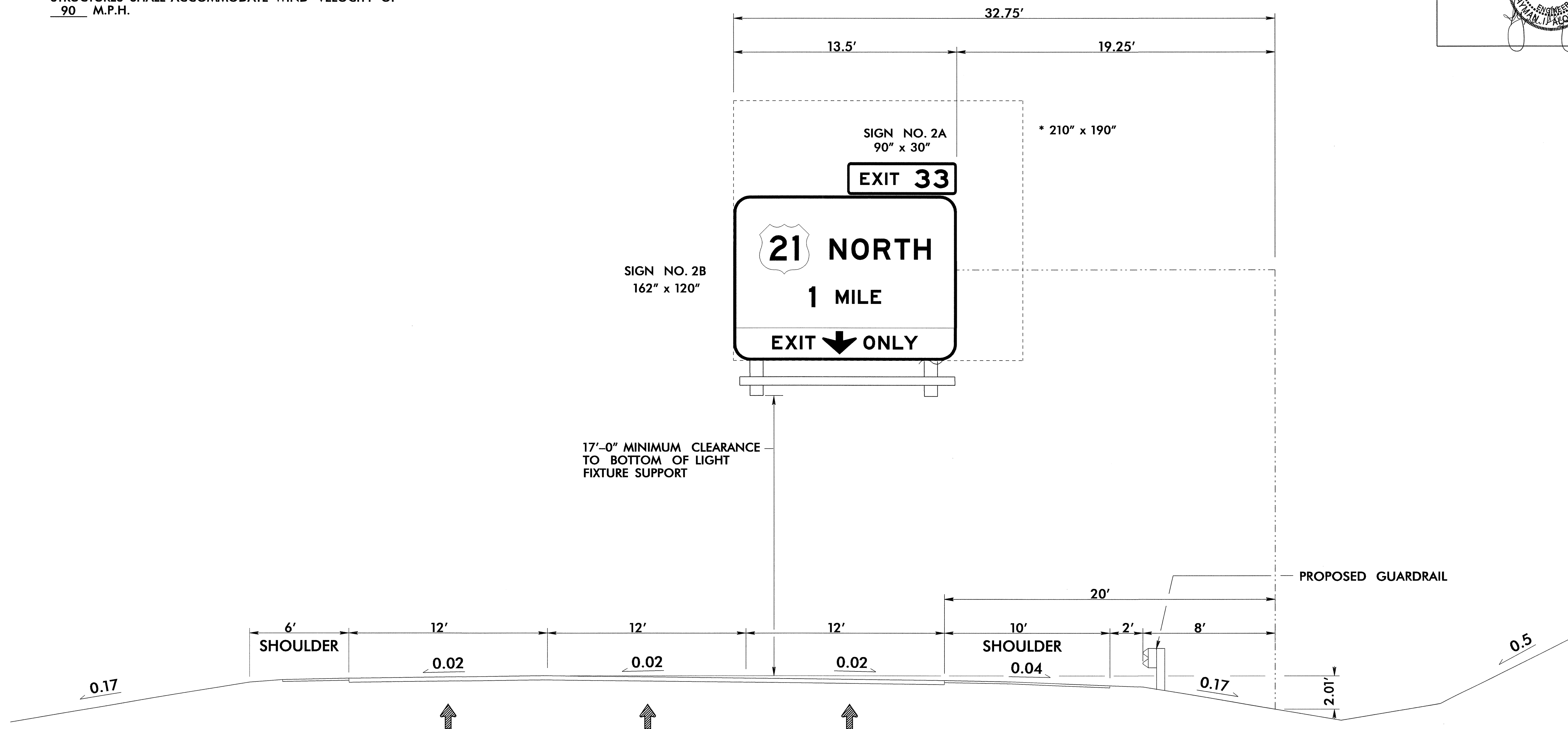
I-77 SBL STA. 60+00

SIGNS FURNISHED BY STATE

I-77 IREDELL COUNTY
OVERHEAD SIGN ASSEMBLY "A"
STA. 60+00



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OVERHEAD SIGN ASSEMBLY "B"

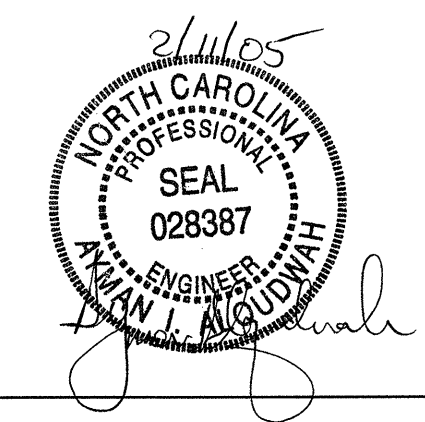
I-77 NBL STA. 72 + 00

NOTES:

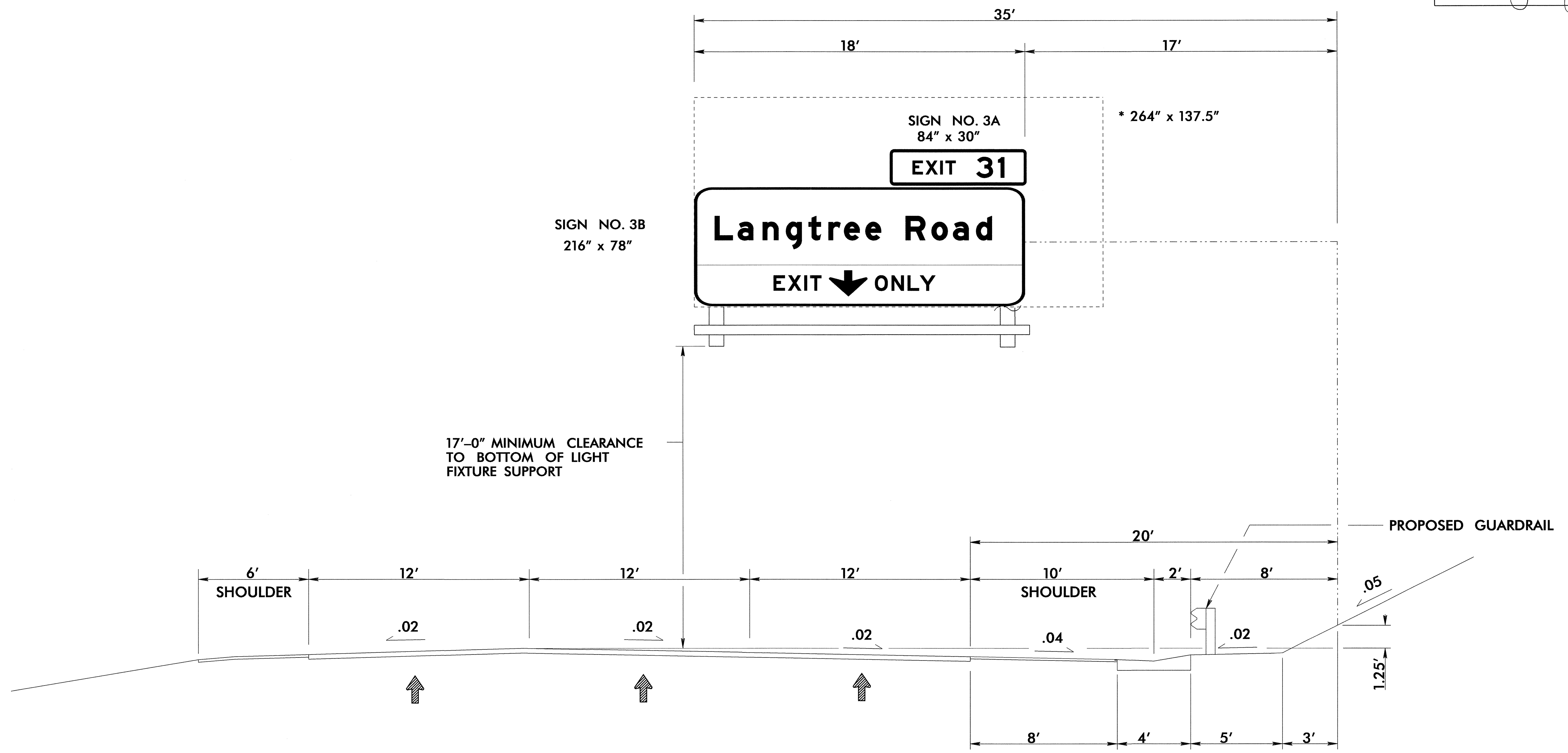
- IF THE CONTRACTOR BIDS ALUMINUM SIGN STRUCTURE, EACH SHALL BE PROVIDED WITH AN APPROVED HIGHWAY TRUSS DAMPER DEVICE IN ACCORDANCE WITH AASHTO SPECIFICATIONS.
- MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.
- FIELD VERIFICATION SHALL BE REQUIRED FOR ALL FOOTING ELEVATIONS, PER THE LATEST MCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES. PROVIDE FIELD VERIFICATION TO THE SIGNING SECTION.
- THE TOP OF THE FOOTING SHALL EXTEND AT LEAST 4 INCHES AND NOT MORE THAN 24 INCHES ABOVE THE HIGHEST POINT OF THE GROUND SURFACE AT THE FOOTING.
- SIGN HANGERS, STATIC LIGHTING SYSTEM AND ATTACHMENT HARDWARE SHALL BE PROVIDED AND INSTALLED ON THE ASSEMBLY TO ACCOMMODATE ALL SIGNS SHOWN IN THIS PLAN SHEET.

SIGNS FURNISHED BY STATE

I-77 IREDELL COUNTY
OVERHEAD SIGN ASSEMBLY "B"
STA. 72 + 00



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NOTES:

1. IF THE CONTRACTOR BIDS ALUMINUM SIGN STRUCTURE, EACH SHALL BE PROVIDED WITH AN APPROVED HIGHWAY TRUSS DAMPER DEVICE IN ACCORDANCE WITH AASHTO SPECIFICATIONS.
2. MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.
3. FIELD VERIFICATION SHALL BE REQUIRED FOR ALL FOOTING ELEVATIONS, PER THE LATEST NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES. PROVIDE FIELD VERIFICATION TO THE SIGNING SECTION.
4. THE TOP OF THE FOOTING SHALL EXTEND AT LEAST 4 INCHES AND NOT MORE THAN 24 INCHES ABOVE THE HIGHEST POINT OF THE GROUND SURFACE AT THE FOOTING.
5. SIGN HANGERS, STATIC LIGHTING SYSTEM AND ATTACHMENT HARDWARE SHALL BE PROVIDED AND INSTALLED ON THE ASSEMBLY TO ACCOMMODATE ALL SIGNS SHOWN IN THIS PLAN SHEET.

OVERHEAD SIGN ASSEMBLY "C"

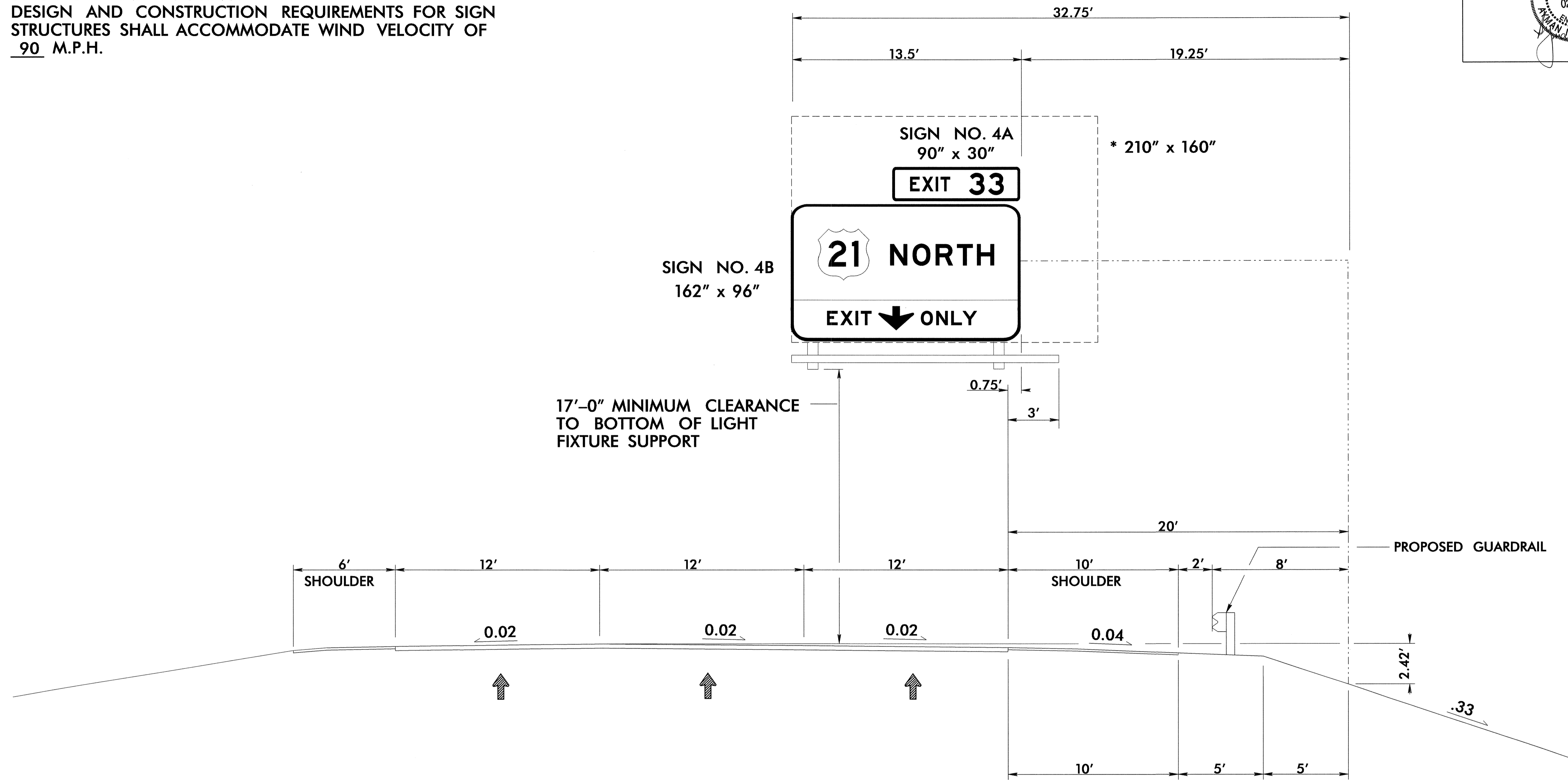
I-77 SBL STA. 87+00

SIGNS FURNISHED BY STATE

I-77 IREDELL COUNTY
OVERHEAD SIGN ASSEMBLY "C"
STA. 87+00



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NOTES:

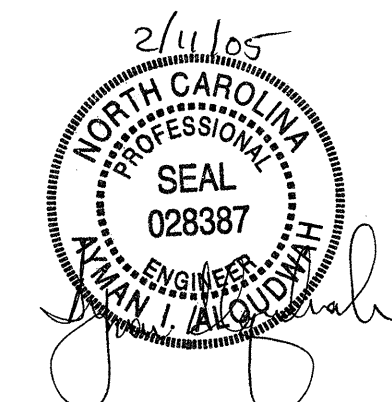
1. IF THE CONTRACTOR BIDS ALUMINUM SIGN STRUCTURE, EACH SHALL BE PROVIDED WITH AN APPROVED HIGHWAY TRUSS DAMPER DEVICE IN ACCORDANCE WITH AASHTO SPECIFICATIONS.
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5. SIGN HANGERS, STATIC LIGHTING SYSTEM AND ATTACHMENT HARDWARE SHALL BE PROVIDED AND INSTALLED ON THE ASSEMBLY TO ACCOMMODATE ALL SIGNS SHOWN IN THIS PLAN SHEET.

OVERHEAD SIGN ASSEMBLY "D"

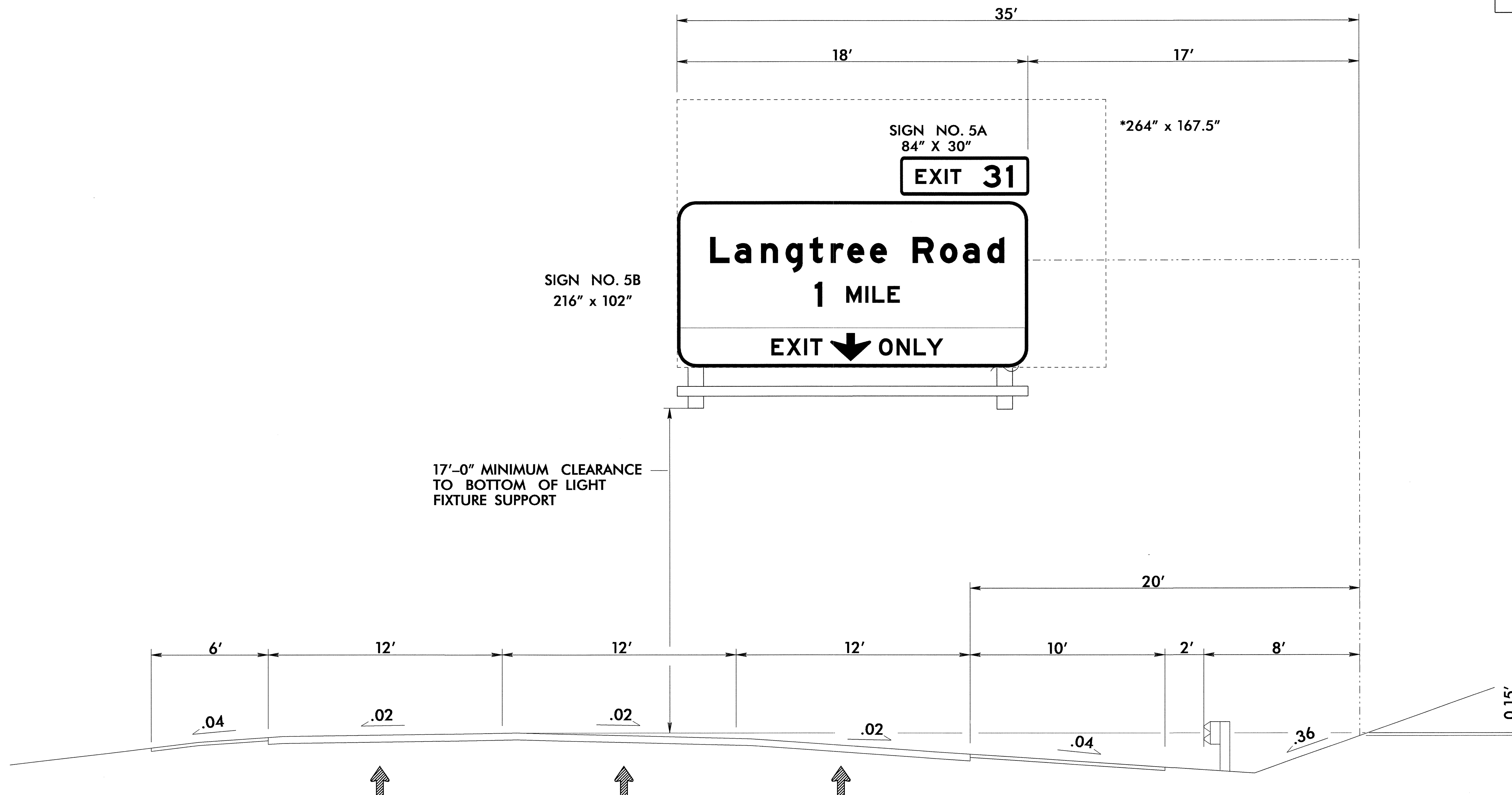
I-77 NBL STA. 94 + 50

SIGNS FURNISHED BY STATE

I-77 IREDELL COUNTY
 OVERHEAD SIGN ASSEMBLY "D"
 STA. 94 + 50



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NOTES:

1. IF THE CONTRACTOR BIDS ALUMINUM SIGN STRUCTURE, EACH SHALL BE PROVIDED WITH AN APPROVED HIGHWAY TRUSS DAMPER DEVICE IN ACCORDANCE WITH AASHTO SPECIFICATIONS.
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5. SIGN HANGERS, STATIC LIGHTING SYSTEM AND ATTACHMENT HARDWARE SHALL BE PROVIDED AND INSTALLED ON THE ASSEMBLY TO ACCOMMODATE ALL SIGNS SHOWN IN THIS PLAN SHEET.

OVERHEAD SIGN ASSEMBLY "E"

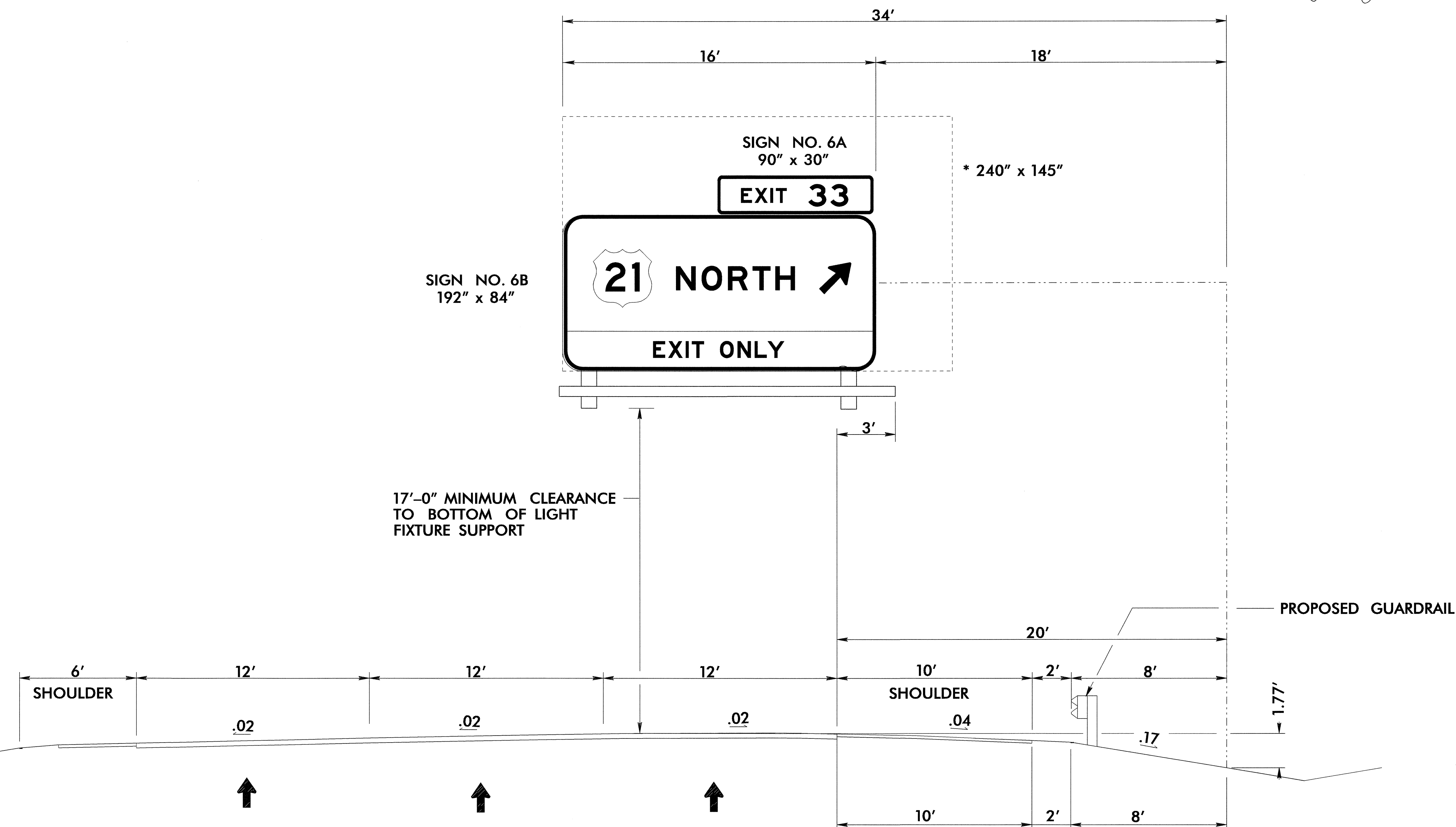
I-77 SBL STA. 109+00

SIGNS FURNISHED BY STATE

I-77 IREDELL COUNTY
OVERHEAD SIGN ASSEMBLY "E"
STA. 109+00



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NOTES:

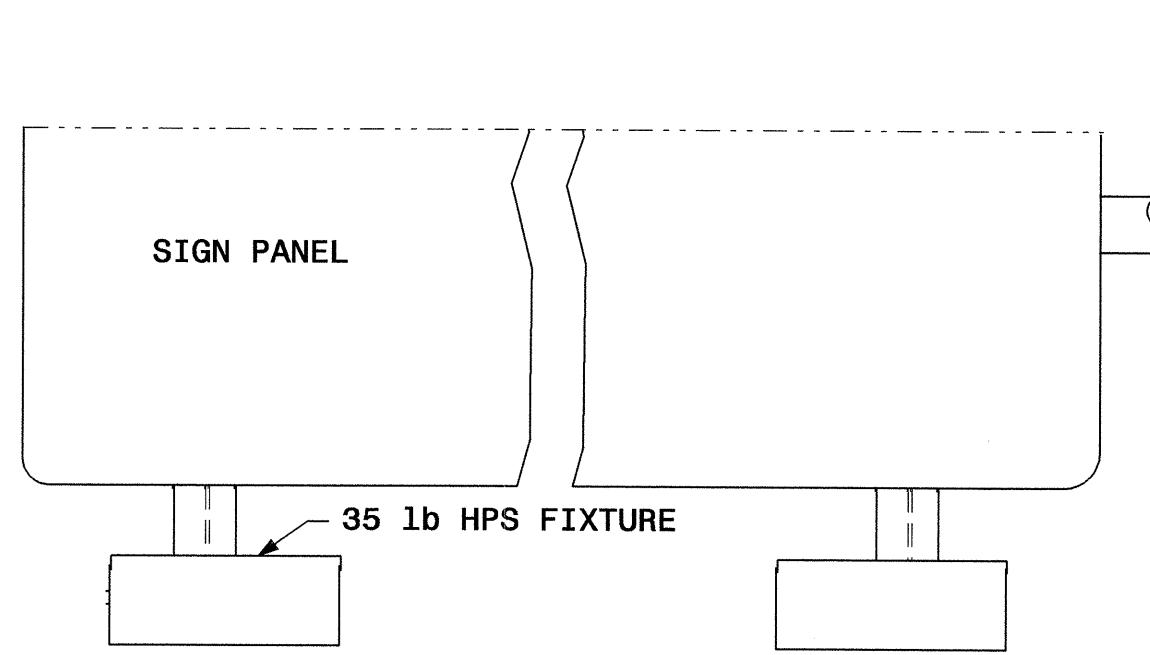
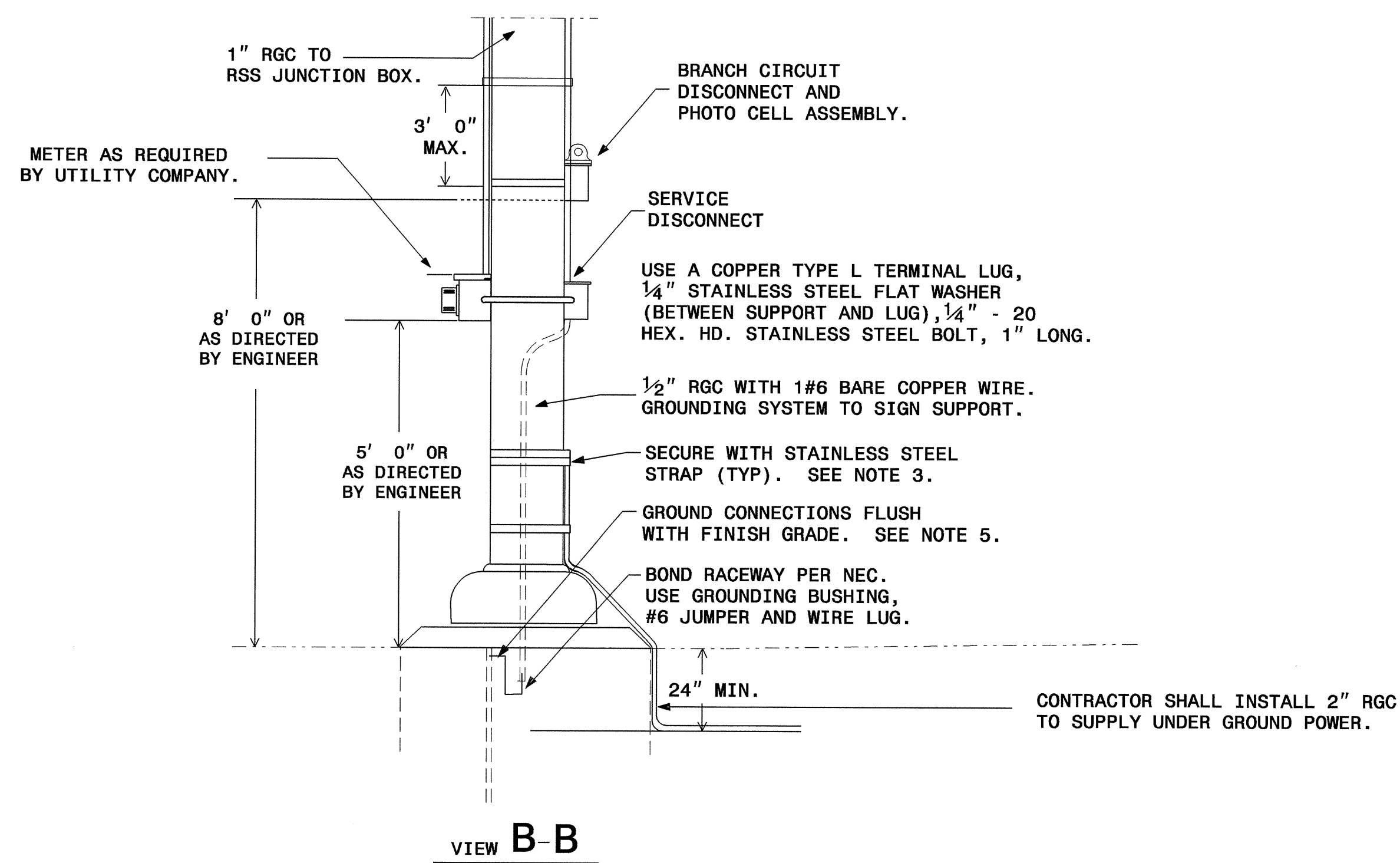
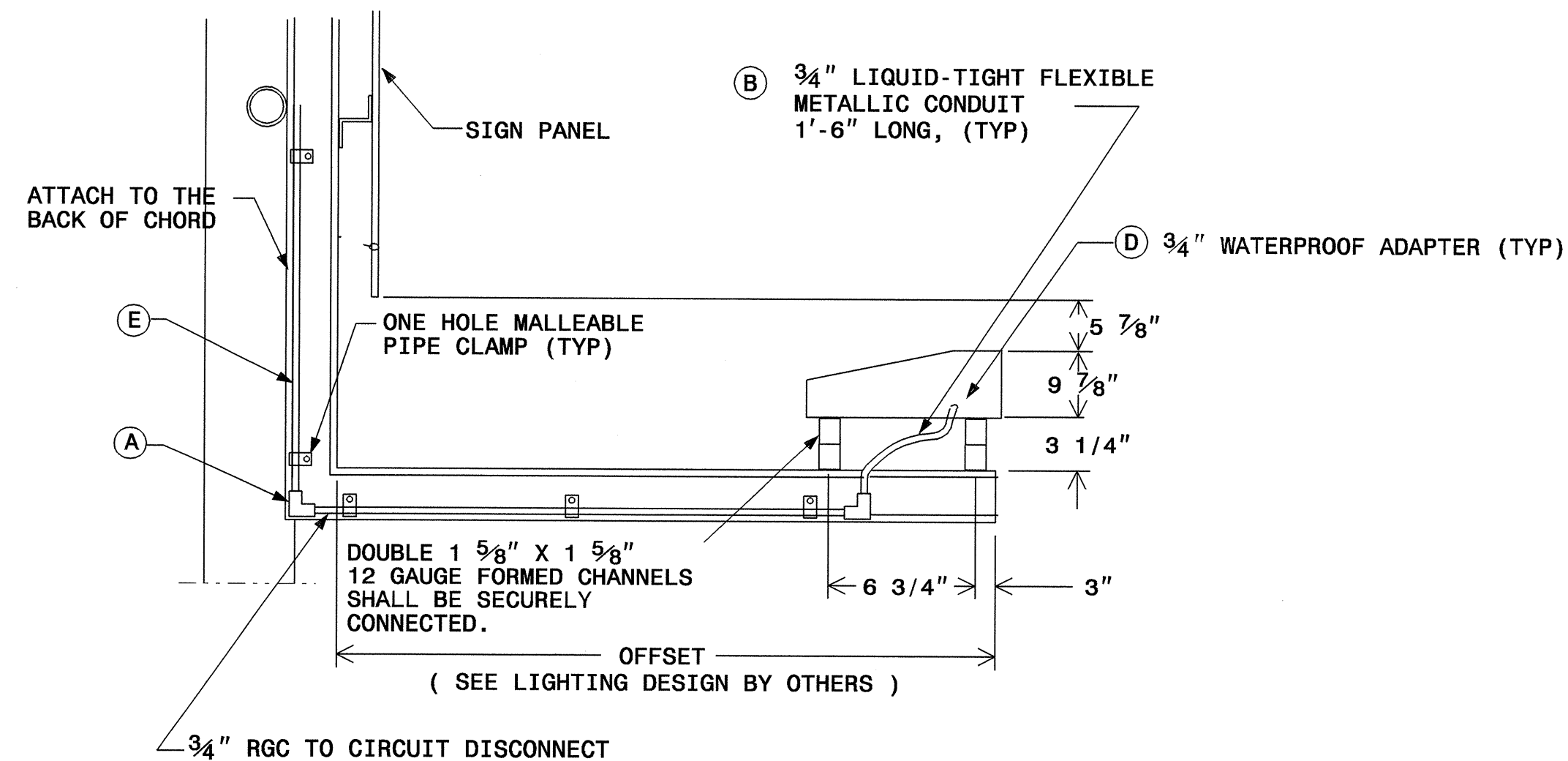
1. IF THE CONTRACTOR BIDS ALUMINUM SIGN STRUCTURE, EACH SHALL BE PROVIDED WITH AN APPROVED HIGHWAY TRUSS DAMPER DEVICE IN ACCORDANCE WITH AASHTO SPECIFICATIONS.
2. MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.
3. FIELD VERIFICATION SHALL BE REQUIRED FOR ALL FOOTING ELEVATIONS, PER THE LATEST NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES. PROVIDE FIELD VERIFICATION TO THE SIGNING SECTION.
4. THE TOP OF THE FOOTING SHALL EXTEND AT LEAST 4 INCHES AND NOT MORE THAN 24 INCHES ABOVE THE HIGHEST POINT OF THE GROUND SURFACE AT THE FOOTING.
5. SIGN HANGERS, STATIC LIGHTING SYSTEM AND ATTACHMENT HARDWARE SHALL BE PROVIDED AND INSTALLED ON THE ASSEMBLY TO ACCOMMODATE ALL SIGNS SHOWN IN THIS PLAN SHEET.

OVERHEAD SIGN ASSEMBLY "F"

I-77 NBL STA. 119+00

SIGNS FURNISHED BY STATE

I-77 IREDELL COUNTY
OVERHEAD SIGN ASSEMBLY "F"
STA. 119+00



IMPORTANT:

THE POWER SHALL BE DELIVERED UNDER GROUND TO THE SIGN STRUCTURE'S VERTICAL UPRIGHT. NO SERVICE POLE SHALL BE INSTALLED UNLESS SPECIFICALLY APPROVED BY THE ENGINEER.

UTILITY COMPANY SHALL NOT INSTALL LINE POLES WITHIN NCDOT RIGHT OF WAY UNLESS APPROVED BY THE ENGINEER.

IF ELECTRICAL SERVICE IS TO BE DELIVERED OVERHEAD:

* WEATHER HEAD TO BE INSTALLED 13' MINIMUM ABOVE GROUND LINE.

* EYE BOLT OR EYE ATTACHMENT TO BE INSTALLED WITH STAINLESS STEEL STRAPS 12" ABOVE WEATHERHEAD FOR OVERHEAD SERVICE CONDUCTOR ATTACHMENT (NO DRILLING ALLOWED)

1" RGC TO RSS JUNCTION BOX WHERE CIRCUITS SEPARATE. ALL CONDUIT INSTALLED ON STRUCTURE SHALL FOLLOW STRUCTURAL MEMBERS USING 90 DEGREE CONDULET FITTINGS AT EACH 90 DEGREE DIRECTIONAL CHANGE.

NEMA 4X, PADLOCKABLE STAINLESS STEEL ENCLOSURE.

2" RGC WITH 3 #6 THWN

"ON-OFF" PHOTO CELL LIGHT CONTROLLER. CONTRACTOR SHALL ORIENT PHOTO CELL SUCH THAT FALSE SWITCHING IS PREVENTED. (SEE PROVISIONS FOR CHARACTERISTICS)

SERVICE DISCONNECT: NEMA 4X PADLOCKABLE STAINLESS STEEL ENCLOSURE WITH ONE 120/240 V DOUBLE POLE, BOLT IN BREAKER.

1/2" RGC WITH 1#6 BARE COPPER WIRE. GROUNDING SYSTEM TO SIGN SUPPORT.

ELECTRICAL DUCT INSTALLED BY CONTRACTOR WHEN REQUIRED BY SIGNING PLANS.

FOOTING

FINISH GROUND LEVEL

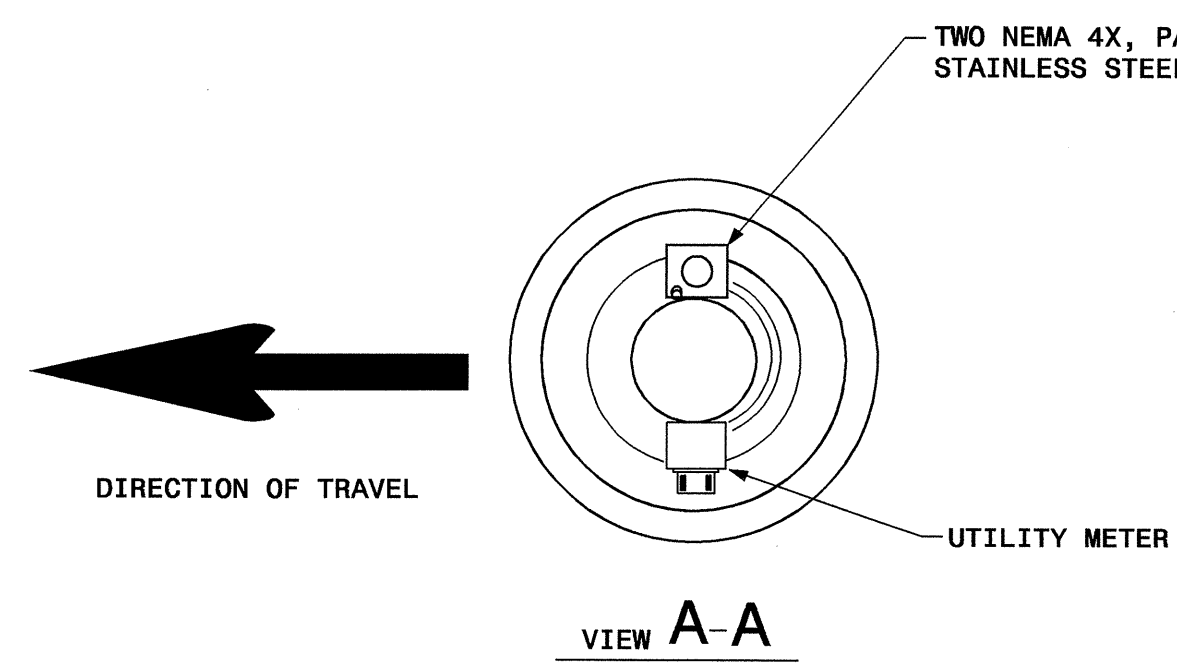
VERTICAL "S" PREVENTS DAMAGE FROM EARTH SETTLING.

CONTRACTOR SHALL INSTALL 2" RGC TO SUPPLY UNDER GROUND POWER.

VIEW B-B

- NOTES:
- THE CONTRACTOR SHALL BE REQUIRED TO SUBMIT TO THE N.C.D.O.T. FOR APPROVAL, DETAIL DRAWINGS OF LUMINAIRE RETRIEVAL SYSTEM MOUNTING ON OHS ASSEMBLY.
 - CAULK ALL ENDS OF CONDUIT UNDERGROUND WITH A CAULKING COMPOUND APPROVED BY THE ENGINEER.
 - STRAPS SHALL BE STAINLESS STEEL MATERIAL UNLESS OTHERWISE SPECIFIED.
 - ALL JUNCTION BOXES AND CONDULETS SHALL BE WATER TIGHT.
 - ALL GROUNDING ELECTRODES SHALL BE 10 ft LONG AND 5/8" IN DIAMETER COPPER CLAD STEEL RODS DRIVEN A MINIMUM DEPTH OF 3 ft INTO UNDISTURBED EARTH.
 - TEST GROUNDING SYSTEM USING AN APPROVED METHOD. SYSTEM SHOULD MEASURE LESS THAN TWENTY (20) OHMS. IF THE RESISTANCE MEASUREMENT IS GREATER THAN 20 OHMS, ADDITIONAL GROUND RODS SHALL BE INSTALLED AS DIRECTED BY THE ENGINEER TO FULFILL THIS REQUIREMENT.
 - ALL UNDERGROUND BONDING OF GROUNDING ELECTRODES AND CONDUCTORS SHALL BE BY AN EXOTHERMIC WELDING PROCESS (CADWELD OR EQUIVALENT).
 - ALL ASSEMBLIES AND COMPONENTS SHALL BE UL APPROVED. INSTALLATION SHALL MEET NEC REQUIREMENTS AND ALL APPROVED STATE AND LOCAL CODES.
 - WALKWAY AND HANDRAIL IS NOT REQUIRED.

- LEGEND
- (A) 3/4" STANDARD LB CONDULET.
 - (B) 3/4" LIQUID TIGHT FLEXIBLE METALLIC CONDUIT.
 - (C) 4 1/2" x 4 1/2" x 4" RSS JUNCTION CONDULET.
 - (D) 3/4" WATERPROOF ADAPTER.
 - (E) 3/4" RGC
 - (F) STAINLESS STEEL STRAPS.



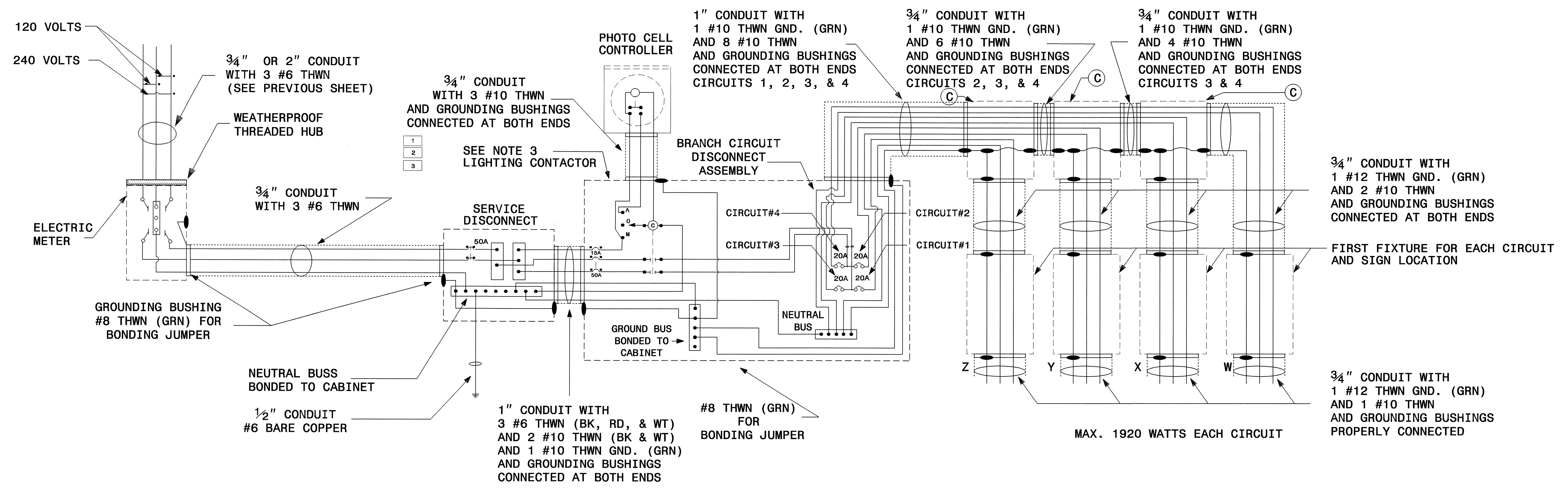
VIEW A-A



STANDARD LIGHTING SYSTEM FOR OVERHEAD SIGN ASSEMBLIES (SHEET 1 OF 2)

SCALE	NONE	N. C. DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS TRAFFIC ENGINEERING BRANCH	REVISIONS	
DATE	02-2005			
SIGNING TECHNICIAN	-			
SIGNING PROJ. DESIGN ENG	M. HOVIOUS			
SIGNING PROJECT ENG	A. ALQUDWAH			

WIRING SCHEMATIC



NOTES:

1. NAMEPLATE SHALL READ (1) "MAIN", (2) "LIGHTS", (3) "CONTROL".
2. CAULK ALL ENDS OF CONDUIT UNDERGROUND WITH A CAULKING COMPOUND APPROVED BY THE ENGINEER.
3. LABEL THREE POSITION SELECTOR SWITCH "MANUAL", "OFF", AND "AUTO".
4. STRAPS SHALL BE STAINLESS STEEL MATERIAL UNLESS OTHERWISE SPECIFIED.
5. EACH SIGN SHALL HAVE ITS OWN CIRCUIT(S) MAX. 1920 WATTS PER CIRCUIT.
6. THE CONTRACTOR SHALL BE REQUIRED TO FURNISH ONLY THE APPROPRIATE NUMBER OF BREAKERS AND WIRE THAT IS REQUIRED IN ACCORDANCE WITH THE NUMBER OF CIRCUITS LISTED FOR A GIVEN LIGHTING SYSTEM.
7. THE CONTRACTOR SHALL USE G.E., HOLOPHANE DELUXE PANEL-VUE OR SIGN-VUE II, OR AN APPROVED EQUIVALENT FIXTURE. THE CONTRACTOR MAY REQUEST APPROVAL TO USE A FIXTURE THAT IS EQUAL TO OR EXCEEDS SPECIFICATIONS FOR THE G.E. OR HOLOPHANE FIXTURES. THE POINT-TO-POINT LIGHTING ANALYSIS WILL BE REQUIRED PRIOR TO THE APPROVAL OF THE LIGHTING SYSTEM.
8. THE CONTRACTOR SHALL VERIFY THE LENGTH OF UNDERGROUND RUN ("H" DISTANCE) AND RE CALCULATE WIRE SIZE (UF WIRE) ACCORDING TO THE NEC (NOT MORE THAN 3% VOLTAGE DROP) FOR EACH OVERHEAD LIGHTING SYSTEM. THESE MEASUREMENTS AND WIRE SIZES SHALL BE SUBMITTED WITH THE CATALOG CUTS FOR APPROVAL.
9. THE CONTRACTOR SHALL PROVIDE AND INSTALL LIGHTING SYSTEM FOR ALL SIGNS, INCLUDING FUTURE SIGNS.
10. THE POSITION OF THE CIRCUIT NO. AND BREAKER NO. IS NOT THE SAME IN THE PANEL.
11. ALL UNDERGROUND DUCT SHALL BE INSTALLED BY THE CONTRACTOR USING MINIMUM 2" DIAMETER RIDGED GALVANIZED STEEL OR RIDGED PVC HEAVY WALL CONDUIT.
12. TEST SYSTEM GROUNDING USING AN APPROVED METHOD. SYSTEM SHOULD MEASURE LESS THAN TWENTY (20) OHMS.
13. ALL ASSEMBLIES AND COMPONENTS SHALL BE UL APPROVED. INSTALLATION SHALL MEET NEC REQUIREMENTS AND ALL APPLICABLE LOCAL AND STATE CODES.

LEGEND

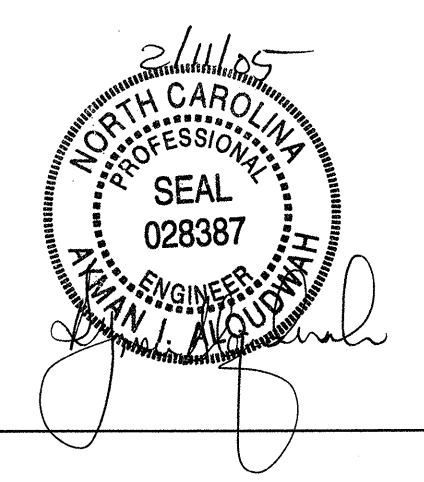
- (A) 3/4" STANDARD LB CONDULET.
- (B) 3/4" LIQUID TIGHT FLEXIBLE METALLIC CONDUIT.
- (C) 4 1/2" X 4 1/2" X 4" RSS JUNCTION CONDULET.
- (D) 3/4" WATERPROOF ADAPTER.
- (E) 3/4" RGC
- (F) STAINLESS STEEL STRAPS.

The following Overhead Assemblies will require the standard lighting system:

Overhead Assembly A Overhead Assembly D
 Overhead Assembly B Overhead Assembly E
 Overhead Assembly C Overhead Assembly F



STANDARD LIGHTING SYSTEM FOR OVERHEAD SIGN ASSEMBLIES (SHEET 2 OF 2)		REVISIONS
SCALE	NONE	N. C. DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS TRAFFIC ENGINEERING BRANCH
DATE	02-2005	
SIGNING TECHNICIAN	-	
SIGNING PROJ. DESIGN ENG	M. HOVIOUS	
SIGNING PROJECT ENG	A. ALQUOWAH	

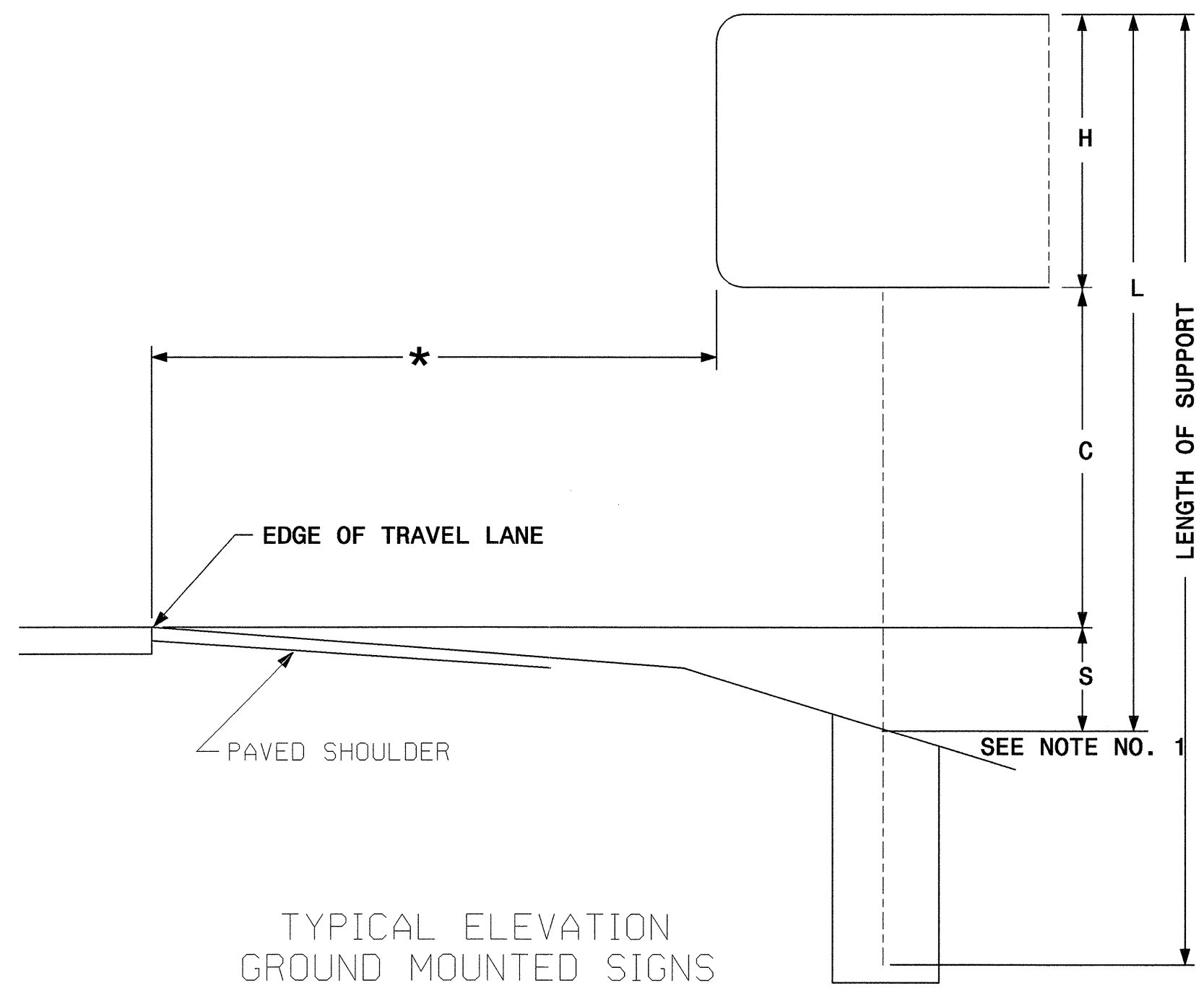


TYPE "A" AND TYPE "B" GROUND MOUNTED SIGNS

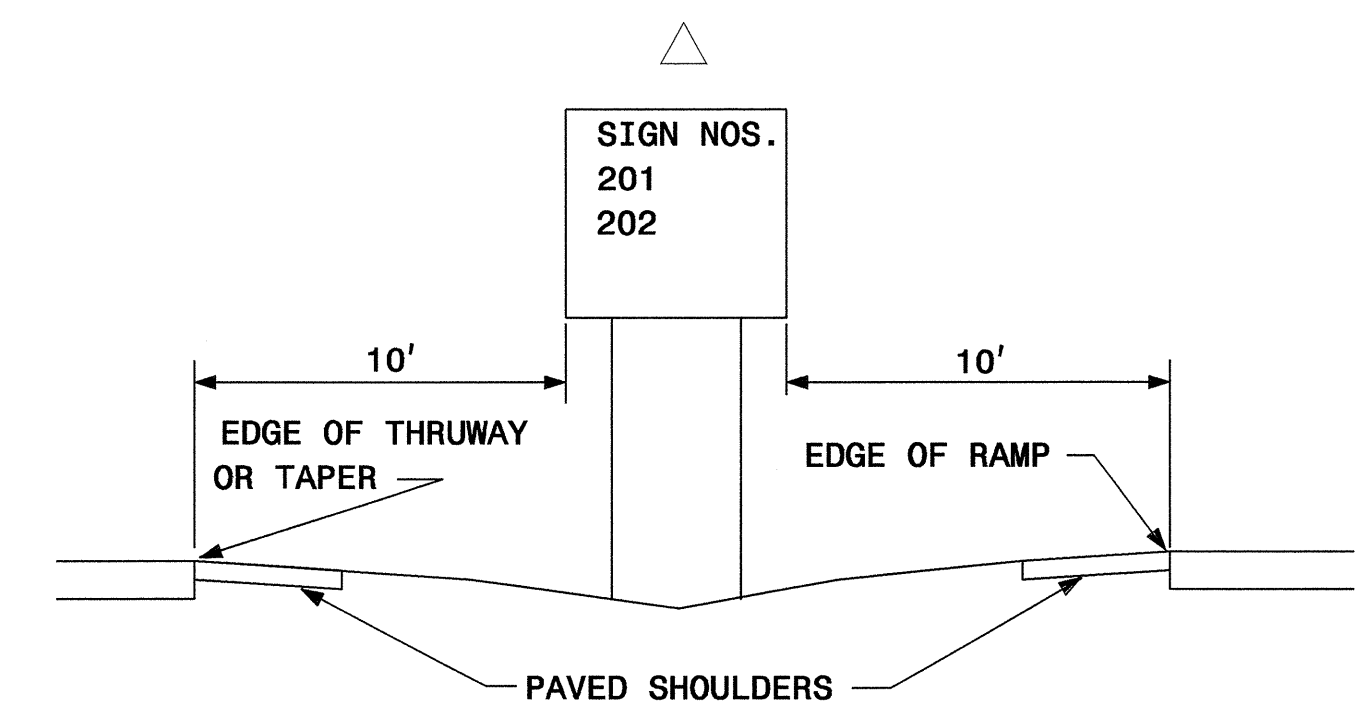
SIGN NO.	SIGN TYPE	SIGN SIZE (in.) w x h	ROADWAY STATION	NO. OF SUP.	BEAM SECTION	SUPPORT TYPE BA or S	HORIZ. CLR.* (ft.)	EXIT NUMBER ATTACH METHOD	LENGTH (ft)			LEFT SUPPORT (ft)			CENTER SUPPORT (ft)			RIGHT SUPPORT (ft)			B/A SUPPORT WEIGHTS (lbs.)	SIMPLE SUPPORT WEIGHTS (lbs.)	REINF. FTGS. (c.y.)	PLAIN FTGS. (c.y.)	FIELD VERIFIED SEE NOTE 2 (mm/dd/yy)
									SNS HT H	MTG HT C	EMBED-MENT	S	L	TOTAL LENGTH	S	L	TOTAL LENGTH	S	L	TOTAL LENGTH					
101A	B	84 X30	SEE SHEET 15	2	W4X13 LBS.	BA	30.00	1	5.50	7.00	1.92	1.00	13.67	15.58	N/A	0.00	0.00	1.00	13.67	15.58	455.17	0.00	0.4582	0.0000	
101B	A	216 X66																							
102A	B	84 X30	SEE SHEET 15	2	W4X13 LBS.	BA	30.00	1	5.50	7.00	1.92	1.00	13.67	15.58	N/A	0.00	0.00	1.00	13.67	15.58	455.17	0.00	0.4582	0.0000	
102B	A	216 X66																							
103A	B	84 X30	31+00 NBL	2	W6X15 LBS.	BA	40.00	1	7.00	6.00	2.42	1.00	14.17	16.58	N/A	0.00	0.00	1.00	14.17	16.58	587.50	0.00	1.0472	0.0000	
103B	A	216 X84																							
104A	B	90 X30	43+00 NBL	2	W4X13 LBS.	BA	30.00	1	7.00	7.00	1.92	1.00	15.17	17.08	N/A	0.00	0.00	1.00	15.17	17.08	494.17	0.00	0.4582	0.0000	
104B	A	156 X84																							
105	B	96 X48	65+00 NBL	2	S4X7.7 LBS.	S	18.00	N/A	4.00	7.00	3.17	4.54	15.75	18.92	N/A	0.00	0.00	6.54	17.75	20.92	0.00	306.72	0.0000	0.2036	
106	A	174 X66	82+00 NBL	2	W6X15 LBS.	BA	30.00	N/A	5.50	7.00	2.42	5.39	18.08	20.50	N/A	0.00	0.00	9.47	22.17	24.58	766.25	0.00	1.0472	0.0000	
201	A	72 X60	37+00 NBL	1	S4X7.7 LBS.	BA	30.00	N/A	5.00	7.00	3.17	0.50	12.67	15.83	N/A	0.00	0.00	N/A	0.00	0.00	134.92	0.00	0.0000	0.1018	
202	A	72 X60	55+50 SBL	1	S4X7.7 LBS.	BA	30.00	N/A	5.00	7.00	3.17	0.50	12.67	15.83	N/A	0.00	0.00	N/A	0.00	0.00	134.92	0.00	0.0000	0.1018	
901	A	156 X72	17+00 NBL	2	S5X10 LBS.	S	18.00	N/A	6.00	7.00	2.67	1.00	14.17	16.83	N/A	0.00	0.00	1.00	14.17	16.83	0.00	336.67	0.0000	0.3926	
902	A	180 X72	103+00 NBL	2	W6X15 LBS.	BA	30.00	N/A	6.00	7.00	2.42	3.40	16.58	19.00	N/A	0.00	0.00	4.56	17.75	20.17	677.50	0.00	1.0472	0.0000	
903	A	102 X102	111+00 NBL	2	S5X10 LBS.	BA	30.00	N/A	8.50	7.00	2.67	3.40	19.08	21.75	N/A	0.00	0.00	3.59	19.25	21.92	478.67	0.00	0.0000	0.3926	
TOTAL:																					4184.27	643.39	4.5162	1.1924	
USE:																					4185	644	5	2	

NOTES

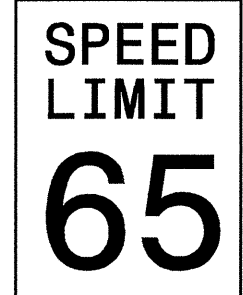
- DIMENSION "S" REPRESENTS AN INCREASE (+), OR A DECREASE (-) IN POLE LENGTH, RELATIVE TO THE ELEVATION OF THE EDGE OF PAVEMENT.
- FIELD VERIFICATIONS SHALL BE REQUIRED FOR ALL SUPPORTS, SEE (*) ARTICLE 903-3. FABRICATORS SHALL BE AISC CERTIFIED IN CATEGORY 1, SEE (*) ARTICLE 1072-1. (*) = N.C.D.O.T. STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES



TYPICAL ELEVATION GROUND MOUNTED SIGNS



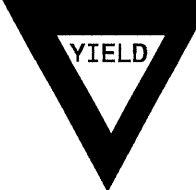
401 QUANTITY REQ'D 2



48 X 60
R2-1

TWO "U" POSTS PER SIGN

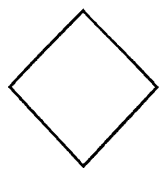
406 QUANTITY REQ'D



36 X 36 X 36
R1-2

ONE "U" POST PER SIGN


411 QUANTITY REQ'D 6



18 X 18
W23-15

MOUNT BELOW SIGN 409
IN 6 INSTALLATIONS


416 QUANTITY REQ'D 2



30 X 30
W14-2

ONE "U" POST PER SIGN

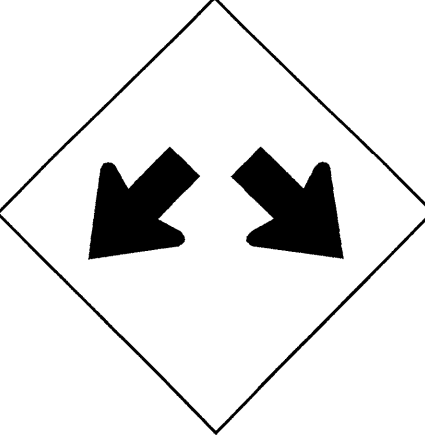
421 QUANTITY REQ'D



48 X 48
W19-10(R)

TWO "U" POSTS PER SIGN


424 QUANTITY REQ'D 1



24 X 24
W12-1

ONE "U" POST PER SIGN

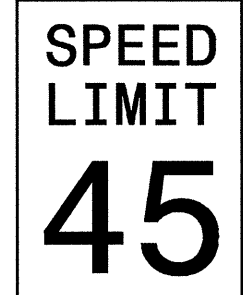
428 QUANTITY REQ'D 4



18 X 24
W16-1

MOUNT BELOW SIGN 427
IN 4 INSTALLATIONS

402 QUANTITY REQ'D 2



24 X 30
R2-1

ONE "U" POST PER SIGN

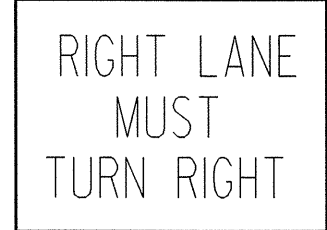
407 QUANTITY REQ'D 4



30 X 30
R5-1

ONE "U" POST PER SIGN

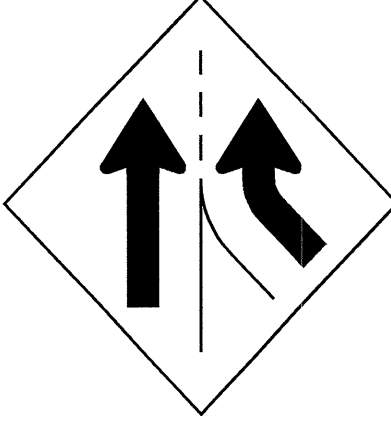
412 QUANTITY REQ'D 4



30 X 30
R3-7

ONE "U" POST PER SIGN

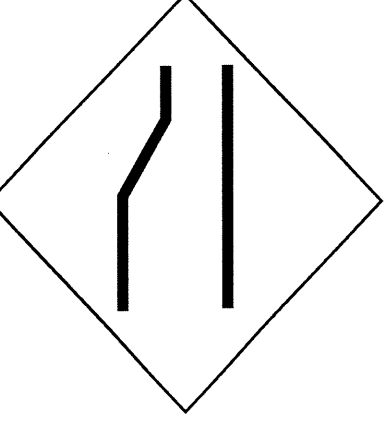
417 QUANTITY REQ'D 1



48 X 48
W4-3(R)

TWO "U" POSTS PER SIGN

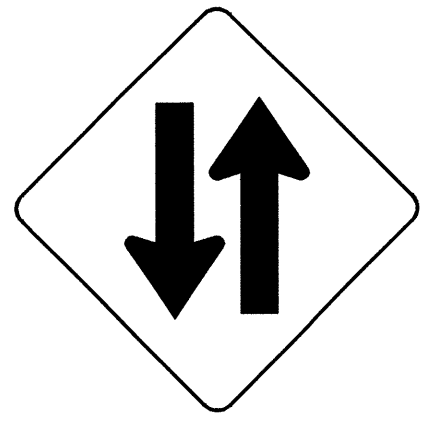
421 QUANTITY REQ'D



48 X 48
W19-10(L)

TWO "U" POSTS PER SIGN

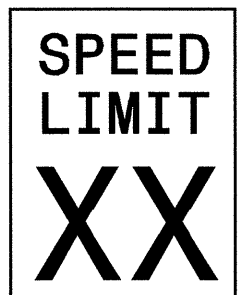
425 QUANTITY REQ'D 1



36 X 36
W6-3

ONE "U" POSTS PER SIGN

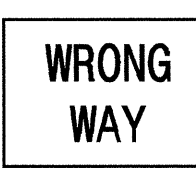
403 QUANTITY REQ'D



24 X 30
R2-1

ONE "U" POST PER SIGN


408 QUANTITY REQ'D 4



36 X 24
R5-1a

ONE "U" POST PER SIGN

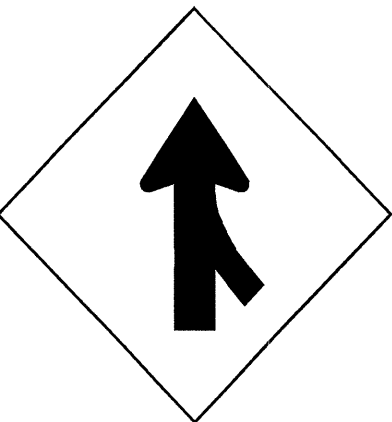
413 QUANTITY REQ'D 2



54 X 18
R6-1 (R)

MOUNT BEHIND SIGN 414
IN 2 INSTALLATIONS

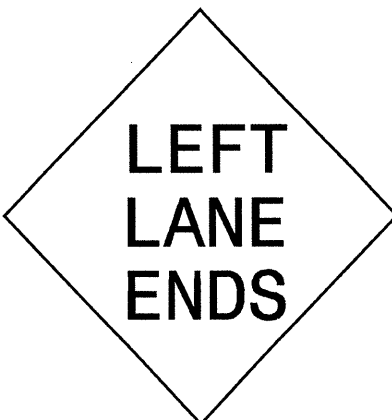
418 QUANTITY REQ'D 1



48 X 48
W4-1 (R)

TWO "U" POSTS PER SIGN

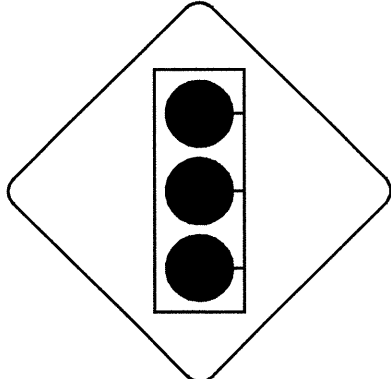
422 QUANTITY REQ'D



48 X 48
W9-1(L)

TWO "U" POSTS PER SIGN

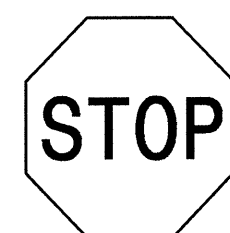
426 QUANTITY REQ'D 2



36 X 36
W3-3

ONE "U" POSTS PER SIGN

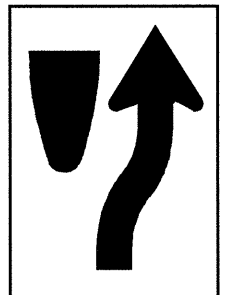
404 QUANTITY REQ'D 4



30 X 30
R1-1

ONE "U" POST PER SIGN


409 QUANTITY REQ'D 6



24 X 30
R4-7

ONE "U" POST PER SIGN

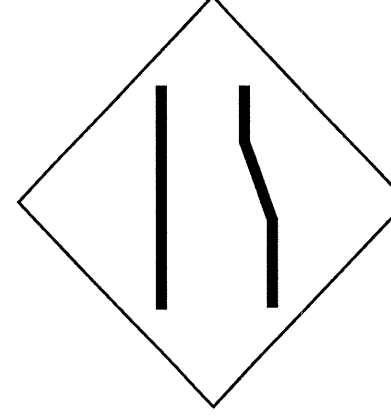
414 QUANTITY REQ'D 2



54 X 18
R6-1 (L)

TWO "U" POSTS PER SIGN

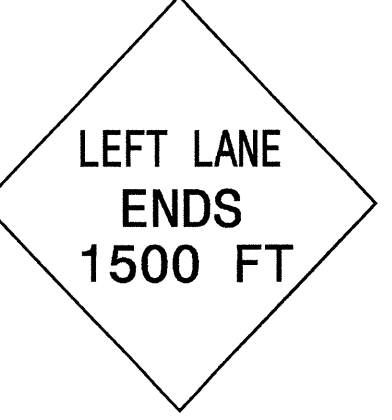
419 QUANTITY REQ'D



48 X 48
W19-10(R)

TWO "U" POSTS PER SIGN


423 QUANTITY REQ'D



48 X 48
W19-10(L)

TWO "U" POSTS PER SIGN


427 QUANTITY REQ'D 4



30 X 30
W11-1

ONE "U" POSTS PER SIGN

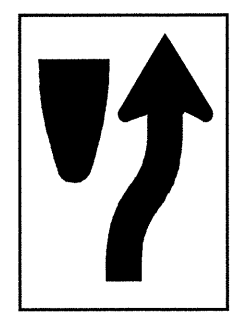
405 QUANTITY REQ'D



36 X 36
R1-1

ONE "U" POST PER SIGN

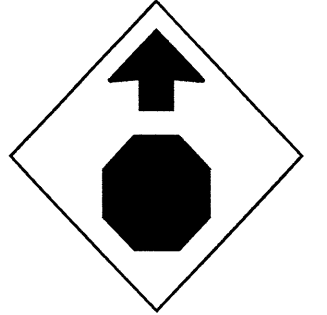
410 QUANTITY REQ'D



36 X 48
R4-7

ONE "U" POST PER SIGN

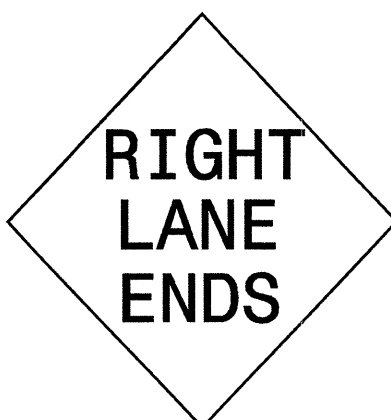
415 QUANTITY REQ'D 3



36 X 36
W3-1a

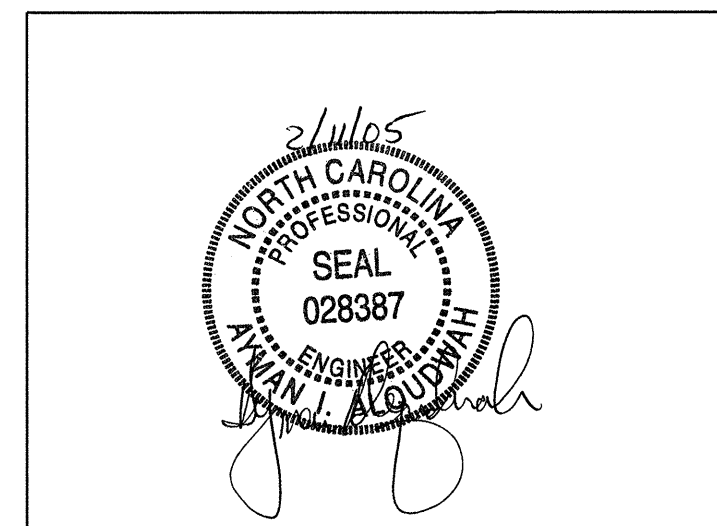
ONE "U" POST PER SIGN

420 QUANTITY REQ'D



48 X 48
W9-2(R)

TWO "U" POSTS PER SIGN



TYPE "E" SIGNS

501
509

SOUTH SOUTH 2 - 30" X 15"
 INTERSTATE INTERSTATE 2 - 36" X 36"
 77 21

TWO "U" POSTS PER SIGN

506

NORTH NORTH 2 - 24" X 12"
 INTERSTATE INTERSTATE 2 - 24" X 24"
 77 21
 ← ← 2 - 21" X 15"

TWO "U" POSTS PER SIGN

QUANTITY REQUIRED 2

MILE
3
1

1 - 12" X 36"

ONE "U" POST PER SIGN

502

LEFT LANE 1 - 24" X 24"
 SOUTH NORTH 2 - 24" X 12"
 INTERSTATE INTERSTATE 2 - 24" X 24"
 77 77
 ↑ → 2 - 21" X 15"
 SOUTH NORTH 2 - 24" X 12"
 21 21 2 - 24" X 24"
 ↑ → 2 - 21" X 15"

TWO "U" POSTS PER SIGN

507

NORTH NORTH 2 - 24" X 12"
 INTERSTATE INTERSTATE 2 - 24" X 24"
 77 21
 ← ← 2 - 21" X 15"

TWO "U" POSTS PER SIGN

QUANTITY REQUIRED 2

MILE
3
2

1 - 12" X 36"

ONE "U" POST PER SIGN

503

SOUTH SOUTH 2 - 24" X 12"
 INTERSTATE INTERSTATE 2 - 24" X 24"
 77 21
 ← ← 2 - 21" X 15"

TWO "U" POSTS PER SIGN

508

NORTH NORTH 2 - 30" X 15"
 INTERSTATE INTERSTATE 2 - 36" X 36"
 77 21

TWO "U" POSTS PER SIGN

504

SOUTH SOUTH 2 - 24" X 12"
 INTERSTATE INTERSTATE 2 - 24" X 24"
 77 21
 ← ← 2 - 21" X 15"

TWO "U" POSTS PER SIGN

510
511

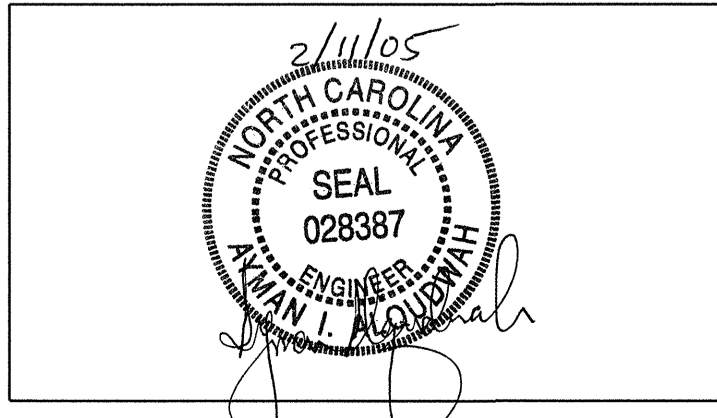
JCT JCT 2 - 21" X 15"
 INTERSTATE INTERSTATE 2 - 24" X 24"
 77 21

TWO "U" POSTS PER SIGN

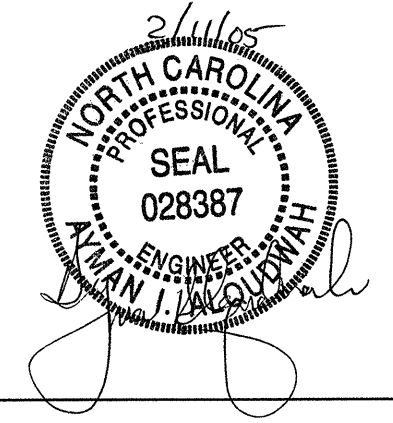
505

LEFT LANE 1 - 24" X 24"
 NORTH SOUTH 2 - 24" X 12"
 INTERSTATE INTERSTATE 2 - 24" X 24"
 77 77
 ↑ → 2 - 21" X 15"
 NORTH SOUTH 2 - 24" X 12"
 21 21 2 - 24" X 24"
 ↑ → 2 - 21" X 15"

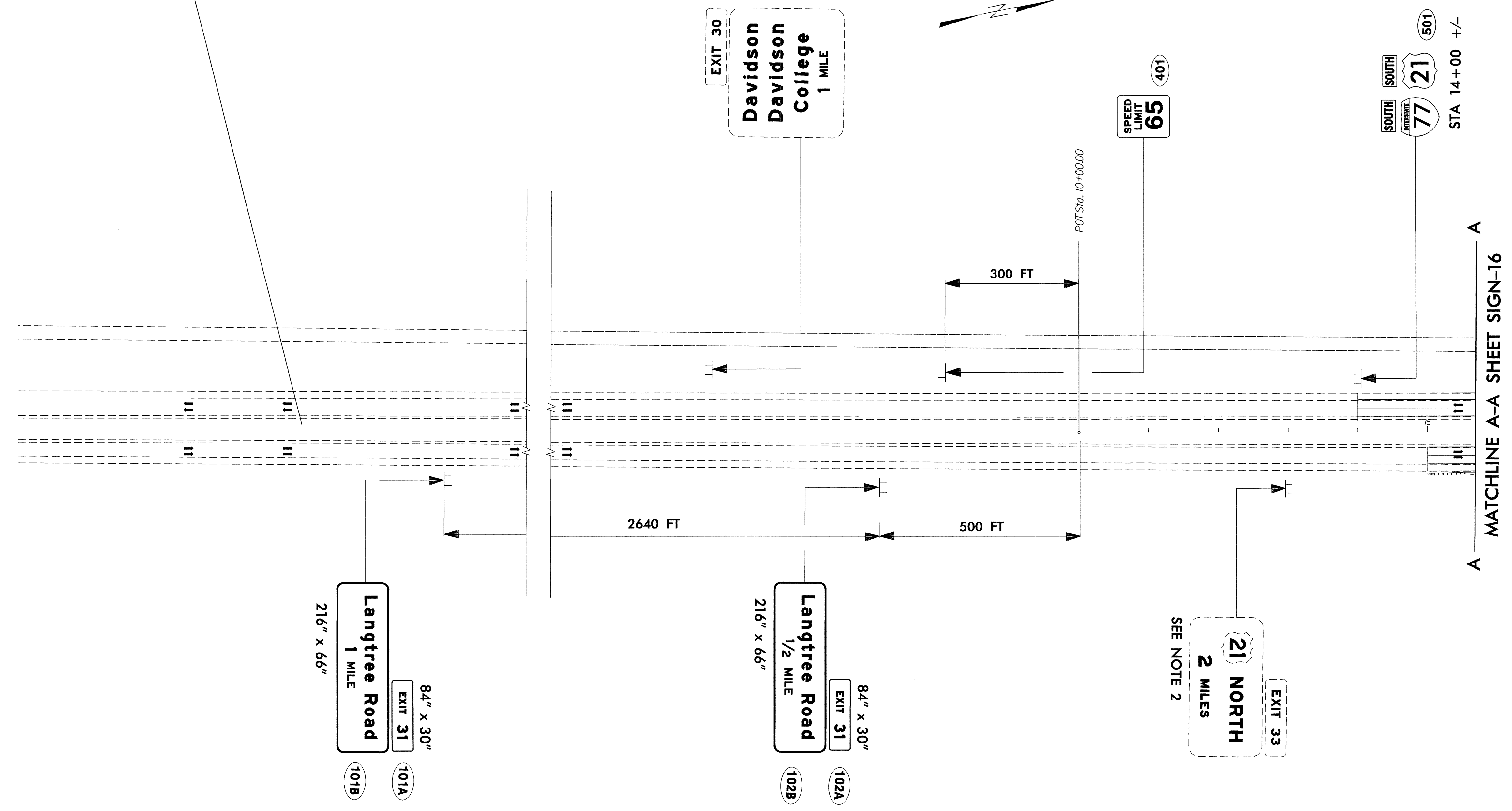
TWO "U" POSTS PER SIGN



TYPE "F" SIGNS AND MILEMARKERS

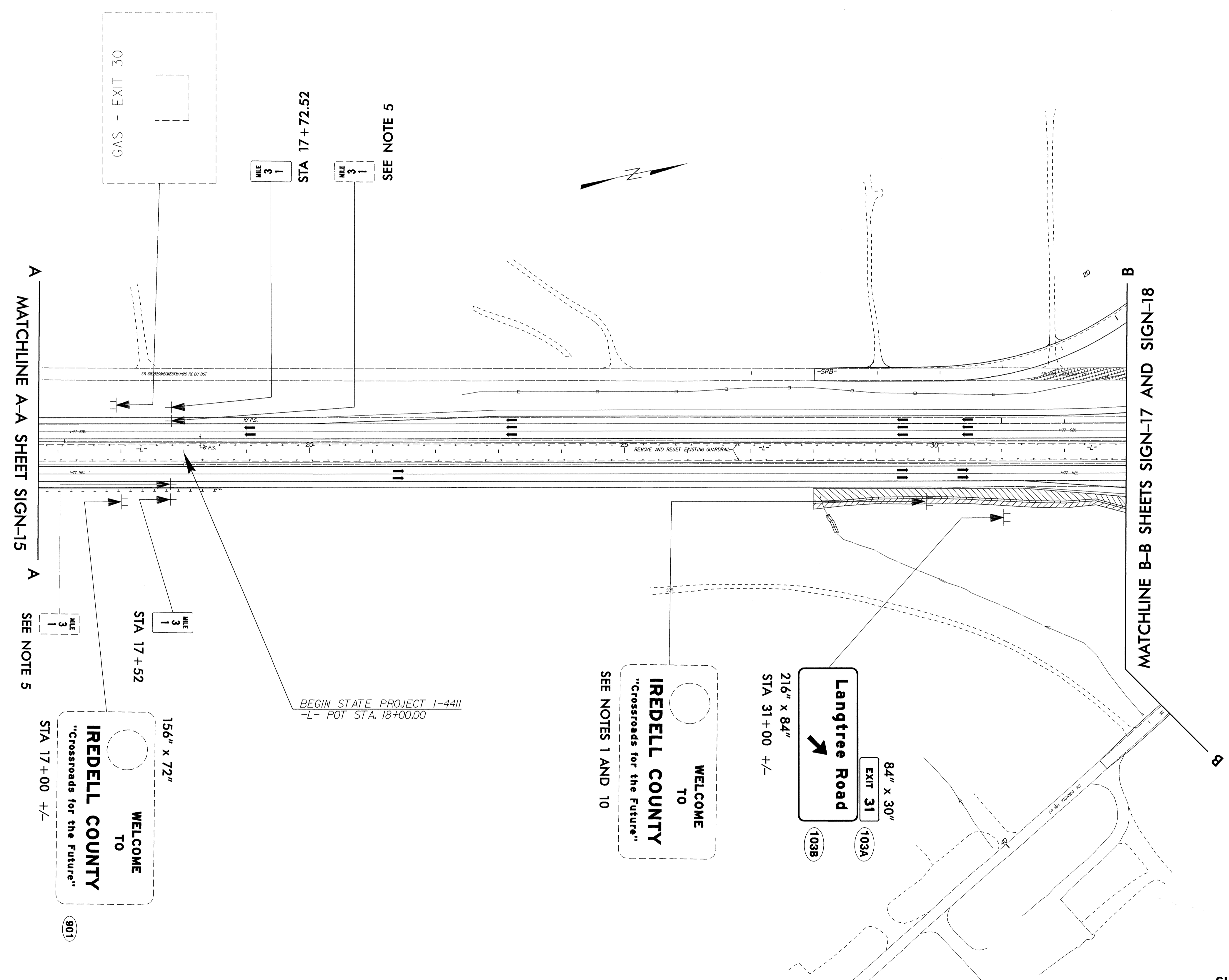


BEGIN STATE SIGNING PROJECT I-4411
 -L- 3/4 MILES FROM -L- STA. 10+00



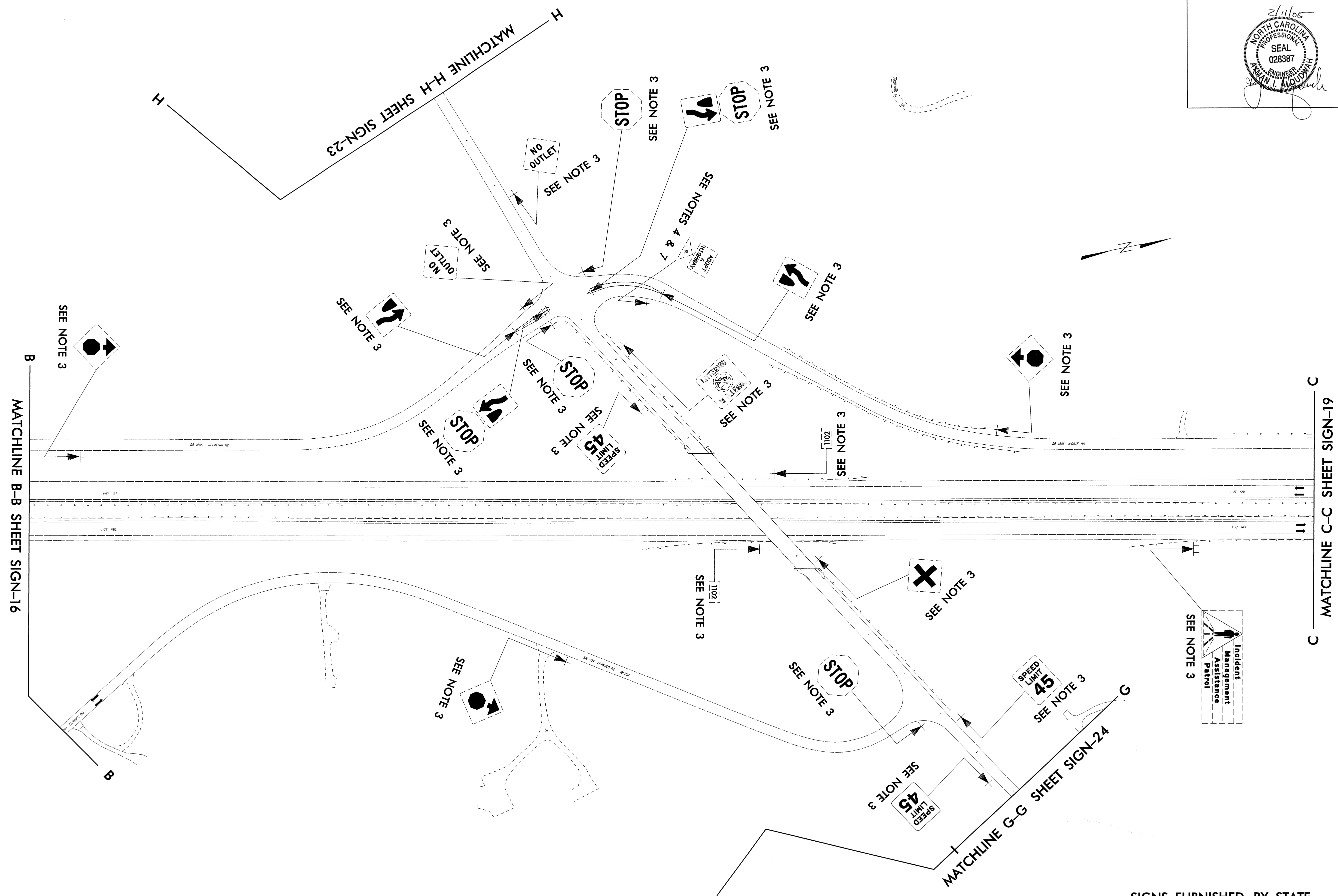
SIGNS FURNISHED BY STATE

I-77 IREDELL COUNTY
 EXISTING AND PROPOSED SIGNS



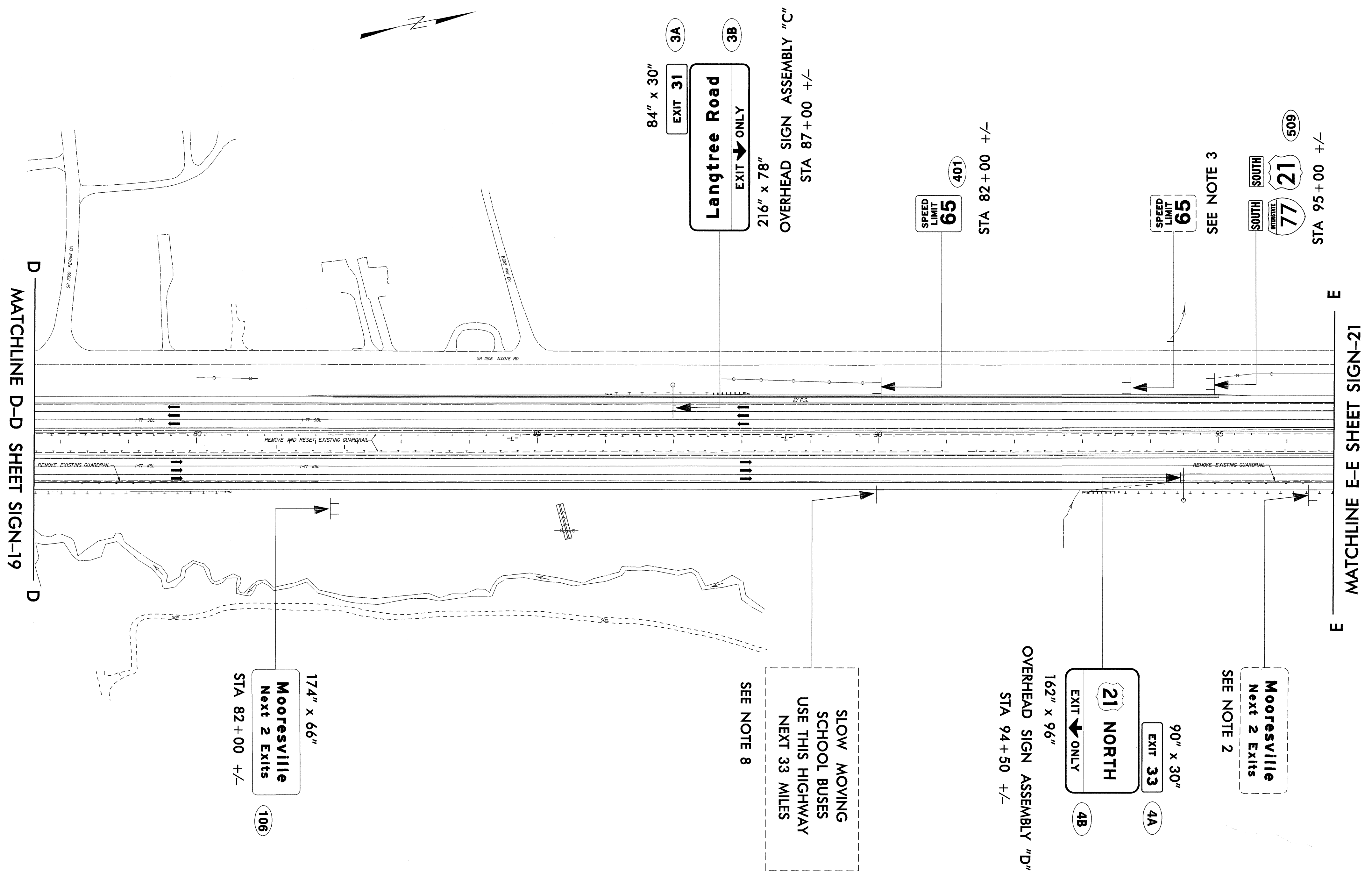
SIGNS FURNISHED BY STATE

**I-77 IREDELL COUNTY
EXISTING AND PROPOSED SIGNS**



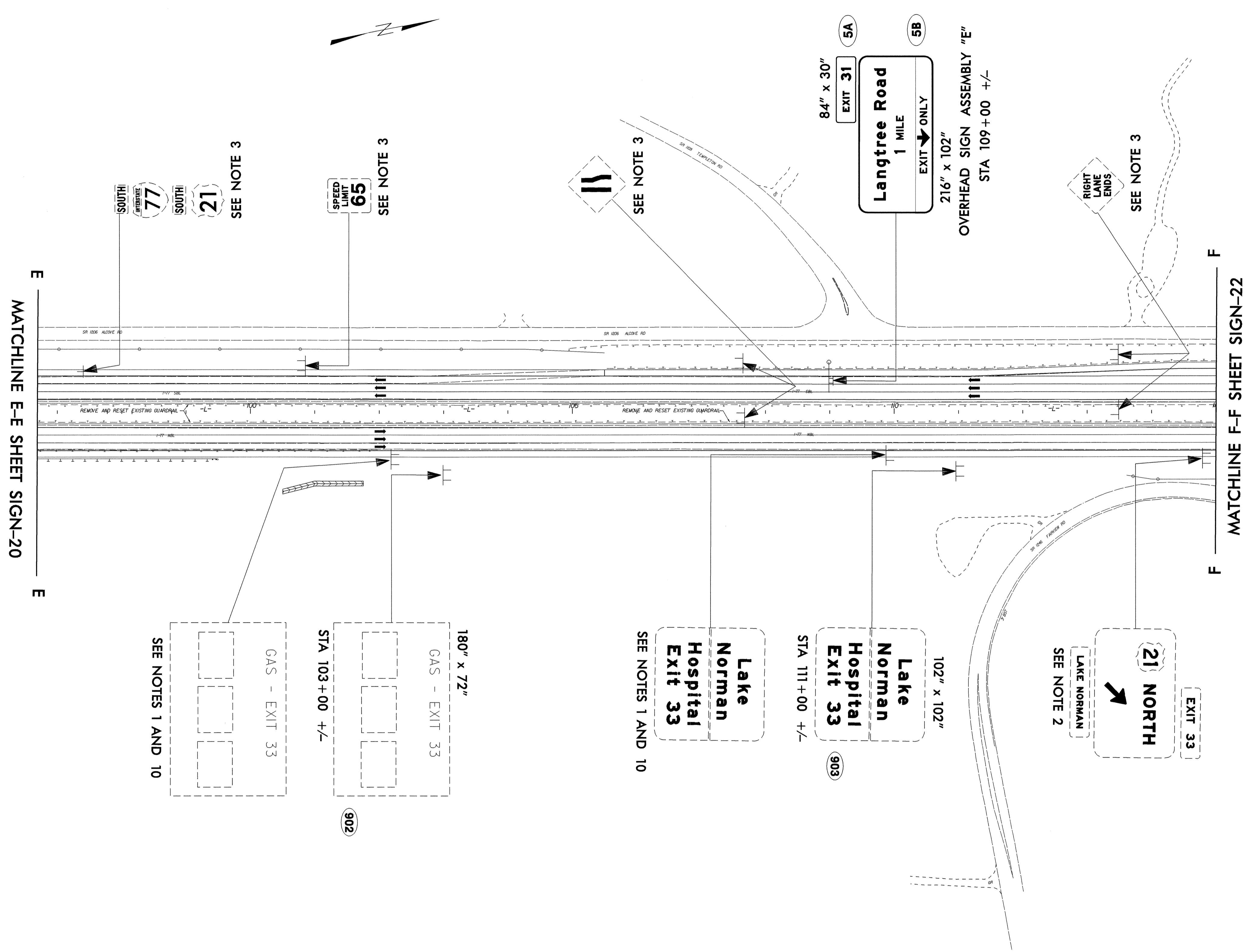
SIGNS FURNISHED BY STATE

**I-77 IREDELL COUNTY
EXISTING SIGNS**



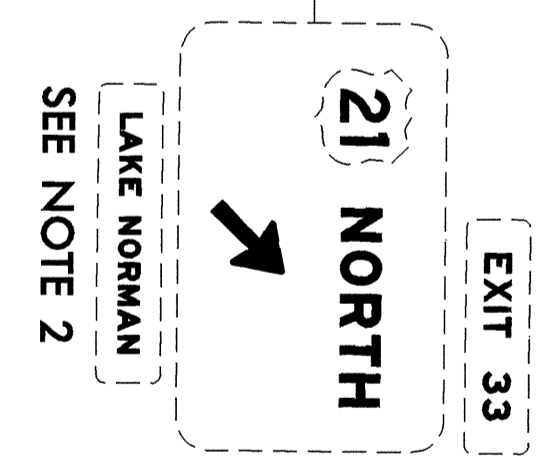
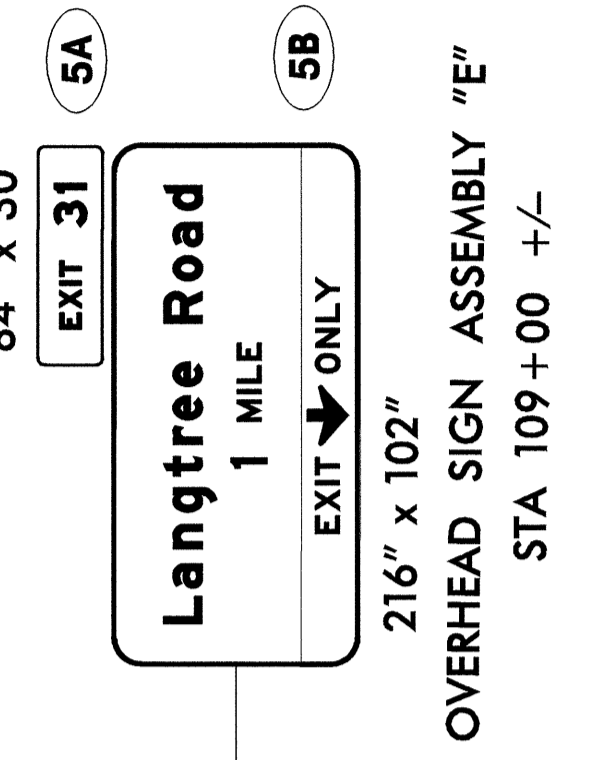
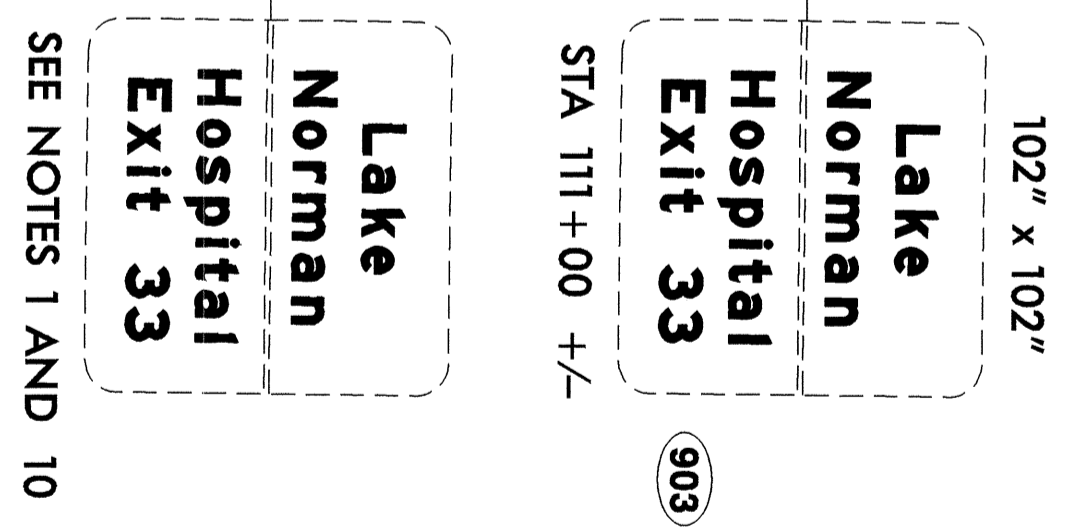
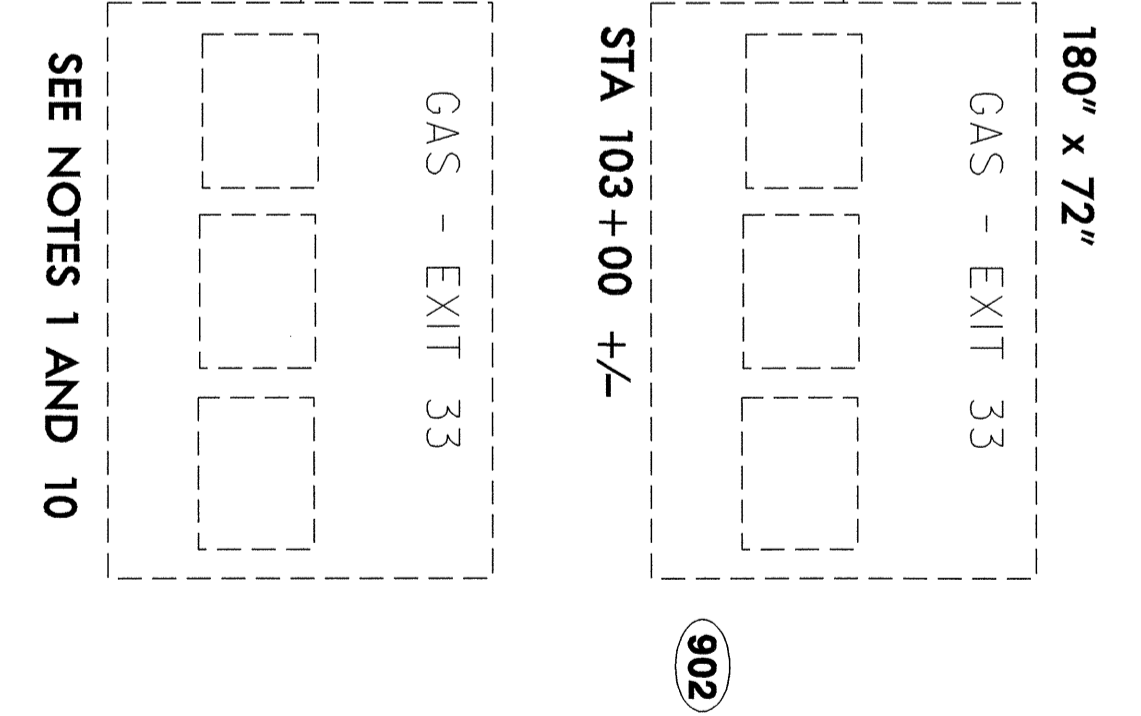
SIGNS FURNISHED BY STATE

I-77 IREDELL COUNTY
EXISTING AND PROPOSED SIGNS

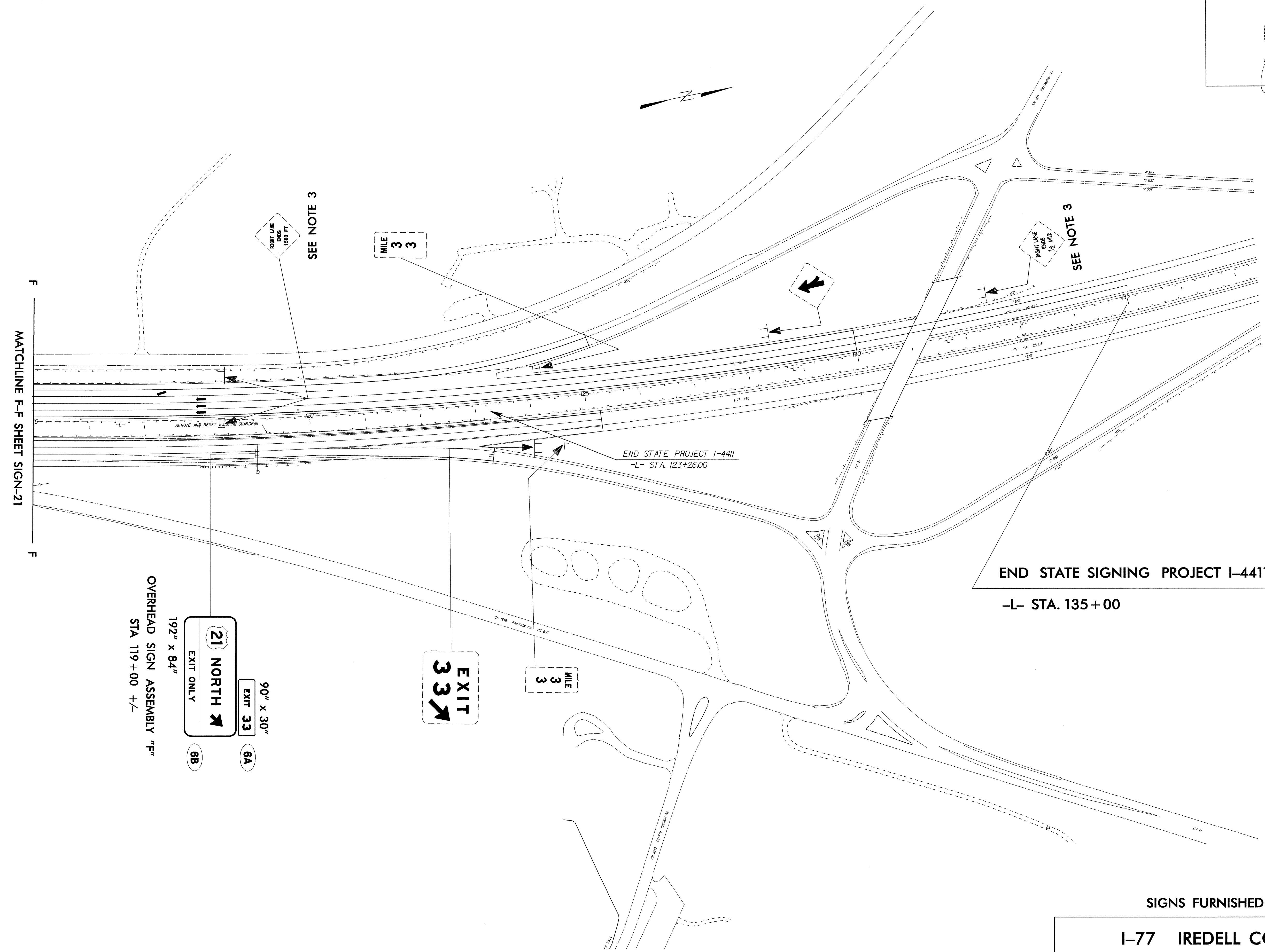
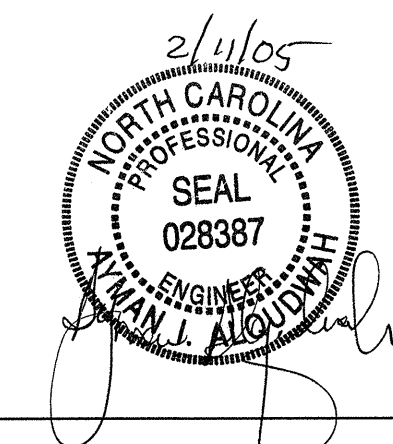


E MATCHLINE E-E SHEET SIGN-20

F MATCHLINE F-F SHEET SIGN-22



SIGNS FURNISHED BY STATE
 I-77 IREDELL COUNTY
 EXISTING AND PROPOSED SIGNS



END STATE SIGNING PROJECT I-4411
-L- STA. 135+00

END STATE PROJECT I-4411
-L- STA. 123+26.00

90" x 30"
EXIT 33
6A

192" x 84"
21 NORTH
EXIT ONLY
6B

OVERHEAD SIGN ASSEMBLY "F"
STA. 119+00 +/-

EXIT 33

MILE 3

MILE 3

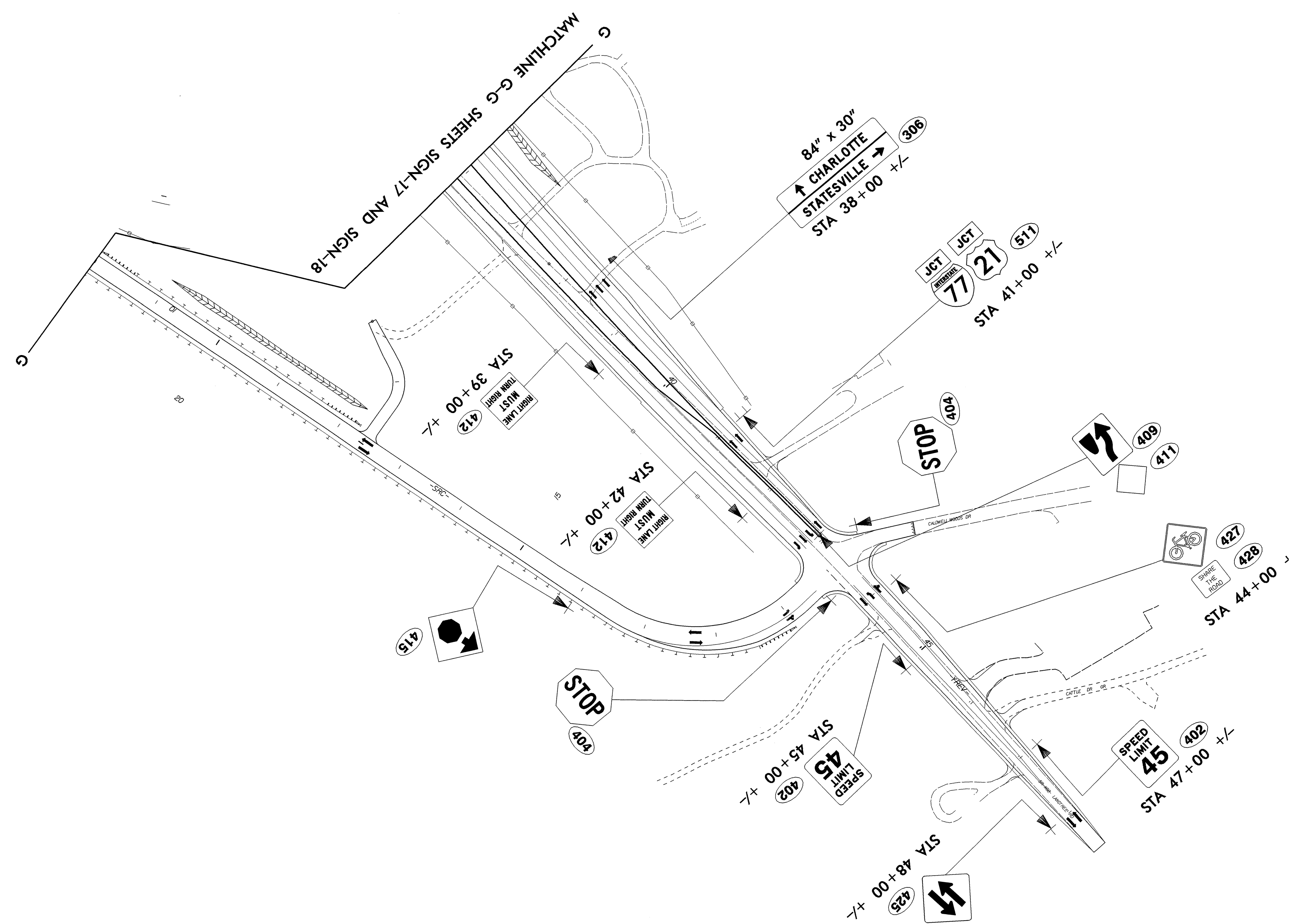
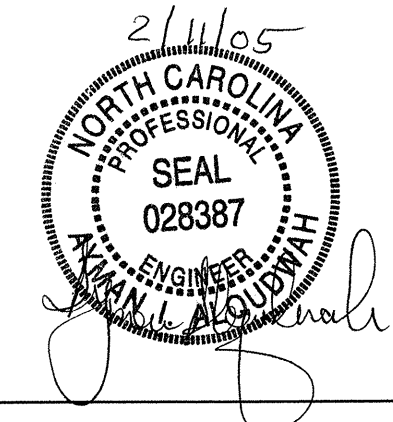
SEE NOTE 3

SEE NOTE 3

F
MATCHLINE F-F SHEET SIGN-21
F

SIGNS FURNISHED BY STATE

**I-77 IREDELL COUNTY
EXISTING AND PROPOSED SIGNS**



SIGNS FURNISHED BY STATE

I-77 IREDELL COUNTY
EXISTING AND PROPOSED SIGNS