



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

JOSH STEIN
GOVERNOR

DANIEL H. JOHNSON
SECRETARY

November 12, 2025

Addendum No. 1

RE: Contract # C204505

WBS # 46451.3.1

FEDERAL-AID NO. 2195001

Mecklenburg County (U-5906)

SR-2195 (TORRENCE CHAPEL RD) AND SR-5544 (WEST CATAWBA AVE) IN CORNELIUS

November 18, 2025 Letting

To Whom It May Concern:

Reference is made to the plans and proposal furnished to you on this project.

The following revisions have been made to the Signing Plans.

Sheet No.	Revision
SIGN-1	Revised quantities to reflect quantity changes below
SIGN-2	Revised quantities to reflect quantity changes below
SIGN-4	Revised to add labels for the signs that are RRFBs
SIGN-6	Revised to add labels for the signs that are RRFBs
SIGN-7	Revised to add labels for the signs that are RRFBs

Please void the above listed Sheets in your plans and staple the revised Sheets thereto.

The following revisions have been made to the proposal.

Page No.	Revision
Proposal Cover	Note added that reads "Includes Addendum No. 1 Dated 11-12-2025".

Please void the above listed Page in your proposal and staple the revised Page thereto.

Mailing Address:
NC DEPARTMENT OF TRANSPORTATION
CONTRACT STANDARDS AND DEVELOPMENT
1591 MAIL SERVICE CENTER
RALEIGH, NC 27699-1591

Telephone: (919) 707-6900
Fax: (919) 250-4127
Customer Service: 1-877-368-4968

Website: www.ncdot.gov

Location:
1020 BIRCH RIDGE DR.
RALEIGH, NC 27610

On the item sheets the following pay item revisions have been made:

<u>Item</u>	<u>Description</u>	<u>Old Quantity</u>	<u>New Quantity</u>
0091-4025000000 -E 901	CONTRACTOR FURNISHED, TYPE E SIGN	1,042 SF	878 SF
0095-4072000000 -E 903	SUPPORTS, 3-LB STEEL U-CHANNEL	1,650 LF	1,360 LF
0096- 4102000000 -E 903	SIGN ERECTION, TYPE E	221 EA	187 EA

The Contractor's bid must include these pay item revisions.

The electronic bidding file has been updated to reflect these revisions. Please download the Addendum File and follow the instructions for applying the addendum. Bid Express will not accept your bid unless the addendum has been applied.

The contract will be prepared accordingly.

Sincerely,

Signed by:

52C46046381F443...

Ronald E. Davenport, Jr., PE
State Contract Officer

RED/jjr
Attachments

cc:	Mr. Wiley W. Jones III, PE	Mr. Forrest Dungan, PE
	Mr. Felix A. Obregon, PE	Ms. Jaci Kincaid
	Mr. Ken Kennedy, PE	Mr. Jon Weathersbee, PE
	Mr. Malcolm Bell	Project File (2)

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH, N.C.

PROPOSAL

INCLUDES ADDENDUM No.1 DATED 11-12-2025

DATE AND TIME OF BID OPENING: **Nov 18, 2025 AT 02:00 PM**

CONTRACT ID C204505

WBS 46451.3.1

FEDERAL-AID NO. 2195001

COUNTY MECKLENBURG

T.I.P NO. U-5906

MILES 0.405

ROUTE NO.

LOCATION SR-2195 (TORRENCE CHAPEL RD) AND SR-5544 (WEST CATAWBA AVE) IN CORNELIUS.

TYPE OF WORK GRADING, DRAINAGE, PAVING, SIGNALS, AND RETAINING WALLS.

NOTICE:

ALL BIDDERS SHALL COMPLY WITH ALL APPLICABLE LAWS REGULATING THE PRACTICE OF GENERAL CONTRACTING AS CONTAINED IN CHAPTER 87 OF THE GENERAL STATUTES OF NORTH CAROLINA WHICH REQUIRES THE BIDDER TO BE LICENSED BY THE N.C. LICENSING BOARD FOR CONTRACTORS WHEN BIDDING ON ANY NON-FEDERAL AID PROJECT WHERE THE BID IS \$30,000 OR MORE, EXCEPT FOR CERTAIN SPECIALTY WORK AS DETERMINED BY THE LICENSING BOARD. BIDDERS SHALL ALSO COMPLY WITH ALL OTHER APPLICABLE LAWS REGULATING THE PRACTICES OF ELECTRICAL, PLUMBING, HEATING AND AIR CONDITIONING AND REFRIGERATION CONTRACTING AS CONTAINED IN CHAPTER 87 OF THE GENERAL STATUTES OF NORTH CAROLINA. NOTWITHSTANDING THESE LIMITATIONS ON BIDDING, THE BIDDER WHO IS AWARDED ANY FEDERAL - AID FUNDED PROJECT SHALL COMPLY WITH CHAPTER 87 OF THE GENERAL STATUTES OF NORTH CAROLINA FOR LICENSING REQUIREMENTS WITHIN 60 CALENDAR DAYS OF BID OPENING.

BIDS WILL BE RECEIVED AS SHOWN BELOW:

THIS IS A ROADWAY & STRUCTURE PROPOSAL

5% BID BOND OR BID DEPOSIT REQUIRED

County: MECKLENBURG

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
ROADWAY ITEMS						
0001	0000100000-N	800	MOBILIZATION	Lump Sum	L.S.	
0002	0000400000-N	801	CONSTRUCTION SURVEYING	Lump Sum	L.S.	
0003	0043000000-N	226	GRADING	Lump Sum	L.S.	
0004	0050000000-E	226	SUPPLEMENTARY CLEARING & GRUBBING	1 ACR		
0005	0057000000-E	226	UNDERCUT EXCAVATION	450 CY		
0006	0196000000-E	270	GEOTEXTILE FOR SOIL STABILIZATION	200 SY		
0007	0255000000-E	SP	GENERIC GRADING ITEM HAULING AND DISPOSAL OF PETROLEUM CONTAMINATED SOIL	50 TON		
0008	0318000000-E	300	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	1,179 TON		
0009	0321000000-E	300	FOUNDATION CONDITIONING GEOTEXTILE	4,662 SY		
0010	0360000000-E	310	12" RC PIPE CULVERTS, CLASS III	92 LF		
0011	0366000000-E	310	15" RC PIPE CULVERTS, CLASS III	3,400 LF		
0012	0372000000-E	310	18" RC PIPE CULVERTS, CLASS III	684 LF		
0013	0378000000-E	310	24" RC PIPE CULVERTS, CLASS III	284 LF		
0014	0384000000-E	310	30" RC PIPE CULVERTS, CLASS III	712 LF		
0015	0390000000-E	310	36" RC PIPE CULVERTS, CLASS III	276 LF		
0016	0396000000-E	310	42" RC PIPE CULVERTS, CLASS III	28 LF		
0017	0448200000-E	310	15" RC PIPE CULVERTS, CLASS IV	1,420 LF		

County: MECKLENBURG

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0018	0448300000-E	310	18" RC PIPE CULVERTS, CLASS IV	156 LF		
0019	0448400000-E	310	24" RC PIPE CULVERTS, CLASS IV	144 LF		
0020	0448500000-E	310	30" RC PIPE CULVERTS, CLASS IV	200 LF		
0021	0449000000-E	310	*** RC PIPE CULVERTS, CLASS V (15")	348 LF		
0022	0453000000-E	310	*** PIPE END SECTION (24")	1 EA		
0023	0576000000-E	310	*** CS PIPE CULVERTS, ***** THICK (12", 0.064")	8 LF		
0024	0995000000-E	340	PIPE REMOVAL	1,637 LF		
0025	1099500000-E	505	SHALLOW UNDERCUT	2,100 CY		
0026	1099700000-E	505	CLASS IV SUBGRADE STABILIZATION	4,400 TON		
0027	1110000000-E	510	STABILIZER AGGREGATE	250 TON		
0028	1112000000-E	505	GEOTEXTILE FOR SUBGRADE STABILIZATION	6,950 SY		
0029	1121000000-E	520	AGGREGATE BASE COURSE	229 TON		
0030	1220000000-E	545	INCIDENTAL STONE BASE	250 TON		
0031	1297000000-E	607	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")	13,270 SY		
0032	1297000000-E	607	MILLING ASPHALT PAVEMENT, **** DEPTH (3")	1,970 SY		
0033	1308000000-E	607	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/2")	1,080 SY		

County: MECKLENBURG

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0034	1308000000-E	607	MILLING ASPHALT PAVEMENT, ***** TO (0" TO 3")	900 SY		
0035	1491000000-E	610	ASPHALT CONC BASE COURSE, TYPE B25.0C	8,700 TON		
0036	1503000000-E	610	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	7,500 TON		
0037	1523000000-E	610	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	9,000 TON		
0038	1575000000-E	620	ASPHALT BINDER FOR PLANT MIX	1,285 TON		
0039	1693000000-E	654	ASPHALT PLANT MIX, PAVEMENT REPAIR	370 TON		
0040	1880000000-E	SP	GENERIC PAVING ITEM ASPHALT CAP, TYPE S9.5C	40 TON		
0041	1891000000-E	SP	GENERIC PAVING ITEM STAMPED ASPHALT	660 SY		
0042	2022000000-E	815	SUBDRAIN EXCAVATION	114 CY		
0043	2026000000-E	815	GEOTEXTILE FOR SUBSURFACE DRAINS	508.94 SY		
0044	2036000000-E	815	SUBDRAIN COARSE AGGREGATE	85.5 CY		
0045	2044000000-E	815	6" PERFORATED SUBDRAIN PIPE	508.94 LF		
0046	2070000000-N	815	SUBDRAIN PIPE OUTLET	2 EA		
0047	2077000000-E	815	6" OUTLET PIPE	12 LF		
0048	2209000000-E	838	ENDWALLS	5 CY		
0049	2253000000-E	840	PIPE COLLARS	3 CY		
0050	2264000000-E	840	PIPE PLUGS	2 CY		

County: MECKLENBURG

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0051	2275000000-E	SP	FLOWABLE FILL	163 CY		
0052	2286000000-N	840	MASONRY DRAINAGE STRUCTURES	98 EA		
0053	2308000000-E	840	MASONRY DRAINAGE STRUCTURES	68.3 LF		
0054	2364000000-N	840	FRAME WITH TWO GRATES, STD 840.16	7 EA		
0055	2366000000-N	840	FRAME WITH TWO GRATES, STD 840.24	5 EA		
0056	2367000000-N	840	FRAME WITH TWO GRATES, STD 840.29	3 EA		
0057	2374000000-N	840	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	15 EA		
0058	2374000000-N	840	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	28 EA		
0059	2374000000-N	840	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	29 EA		
0060	2396000000-N	840	FRAME WITH COVER, STD 840.54	11 EA		
0061	2440000000-N	852	CONCRETE TRANSITIONAL SECTION FOR CATCH BASIN	2 EA		
0062	2451000000-N	852	CONCRETE TRANSITIONAL SECTION FOR DROP INLET	9 EA		
0063	2535000000-E	846	*** X *** CONCRETE CURB (8" X 18")	1,800 LF		
0064	2535000000-E	846	*** X *** CONCRETE CURB (9" X 18")	110 LF		
0065	2542000000-E	846	1'-6" CONCRETE CURB & GUTTER	1,990 LF		
0066	2549000000-E	846	2'-6" CONCRETE CURB & GUTTER	13,320 LF		
0067	2591000000-E	848	4" CONCRETE SIDEWALK	8,330 SY		

County: MECKLENBURG

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0068	2605000000-N	848	CONCRETE CURB RAMPS	130 EA		
0069	2612000000-E	848	6" CONCRETE DRIVEWAY	90 SY		
0070	2647000000-E	852	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)	1,100 SY		
0071	2655000000-E	852	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)	520 SY		
0072	2738000000-E	SP	GENERIC PAVING ITEM 12" CONCRETE TRUCK APRON, CLASS AA CONCRETE	3,560 SY		
0073	2738000000-E	SP	GENERIC PAVING ITEM TEMPORARY CONCRETE SIDEWALK	168.8 SY		
0074	2752000000-E	SP	GENERIC PAVING ITEM 1'-6" CONCRETE CURB AND GUTTER, CLASS AA CONCRETE	1,610 LF		
0075	2800000000-N	858	ADJUSTMENT OF CATCH BASINS	1 EA		
0076	2845000000-N	858	ADJUSTMENT OF METER BOXES OR VALVE BOXES	4 EA		
0077	2875000000-N	859	CONVERT EXISTING CATCH BASIN TO DROP INLET	1 EA		
0078	2893000000-N	859	CONVERT EXISTING CATCH BASIN TO JUNCTION BOX WITH MANHOLE	1 EA		
0079	2938000000-N	859	CONVERT EXISTING DROP INLET TO JUNCTION BOX WITH MANHOLE	1 EA		
0080	3030000000-E	862	STEEL BEAM GUARDRAIL	712.5 LF		
0081	3105000000-N	862	STEEL BEAM GUARDRAIL TERMINAL SECTIONS	2 EA		
0082	3145000000-E	862	EXTRA LENGTH GUARDRAIL POST (** STEEL) (8")	66 EA		
0083	3150000000-N	862	ADDITIONAL GUARDRAIL POSTS	5 EA		
0084	3210000000-N	862	GUARDRAIL END UNITS, TYPE CAT-1	2 EA		

County: MECKLENBURG

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0085	3288000000-N	862	GUARDRAIL END UNITS, TYPE TL-2	5 EA		
0086	3317000000-N	862	GUARDRAIL ANCHOR UNITS, TYPE B-77	1 EA		
0087	3575000000-E	SP	GENERIC FENCING ITEM BICYCLE/PEDESTRIAN SAFETY RAIL	550 LF		
0088	3649000000-E	876	RIP RAP, CLASS B	77 TON		
0089	3656000000-E	876	GEOTEXTILE FOR DRAINAGE	965 SY		
0090	4025000000-E	901	CONTRACTOR FURNISHED, TYPE *** SIGN (A)	202 SF		
0091	4025000000-E	901	CONTRACTOR FURNISHED, TYPE *** SIGN (E)	878 SF		
0092	4025000000-E	901	CONTRACTOR FURNISHED, TYPE *** SIGN (F)	27 SF		
0093	4048000000-E	902	REINFORCED CONCRETE SIGN FOUNDATIONS	2 CY		
0094	4060000000-E	903	SUPPORTS, BREAKAWAY STEEL BEAM	1,387 LB		
0095	4072000000-E	903	SUPPORTS, 3-LB STEEL U-CHANNEL	1,360 LF		
0096	4102000000-N	904	SIGN ERECTION, TYPE E	187 EA		
0097	4108000000-N	904	SIGN ERECTION, TYPE F	3 EA		
0098	4110000000-N	904	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)	2 EA		
0099	4116100000-N	904	SIGN ERECTION, RELOCATE TYPE **** (GROUND MOUNTED) (D)	3 EA		
0100	4152000000-N	907	DISPOSAL OF SIGN SYSTEM, STEEL BEAM	2 EA		

County: MECKLENBURG

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0101	4155000000-N	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	75 EA		
0102	4192000000-N	907	DISPOSAL OF SUPPORT, U-CHANNEL	2 EA		
0103	4400000000-E	1110	WORK ZONE SIGNS (STATIONARY)	1,278 SF		
0104	4405000000-E	1110	WORK ZONE SIGNS (PORTABLE)	512 SF		
0105	4410000000-E	1110	WORK ZONE SIGNS (BARRICADE MOUNTED)	318 SF		
0106	4415000000-N	1115	FLASHING ARROW BOARD	2 EA		
0107	4420000000-N	1120	PORTABLE CHANGEABLE MESSAGE SIGN	2 EA		
0108	4430000000-N	1130	DRUMS	130 EA		
0109	4445000000-E	1145	BARRICADES (TYPE III)	248 LF		
0110	4447000000-E	SP	PEDESTRIAN CHANNELIZING DEVICES	723 LF		
0111	4455000000-N	1150	FLAGGER	568 DAY		
0112	4480000000-N	1165	TMA	1 EA		
0113	4507000000-E	1170	WATER FILLED BARRIER	285 LF		
0114	4510000000-N	1190	LAW ENFORCEMENT	100 HR		
0115	4516000000-N	1180	SKINNY DRUM	21 EA		
0116	4650000000-N	1251	TEMPORARY RAISED PAVEMENT MARKERS	749 EA		
0117	4685000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	27,842 LF		

County: MECKLENBURG

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0118	4695000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	2,111 LF		
0119	4709000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)	2,858 LF		
0120	4720000000-E	1205	THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)	8 EA		
0121	4725000000-E	1205	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	123 EA		
0122	4726110000-E	1205	HEATED-IN-PLACE THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	66 EA		
0123	4810000000-E	1205	PAINT PAVEMENT MARKING LINES (4")	93,405 LF		
0124	4820000000-E	1205	PAINT PAVEMENT MARKING LINES (8")	6,474 LF		
0125	4835000000-E	1205	PAINT PAVEMENT MARKING LINES (24")	8,406 LF		
0126	4840000000-N	1205	PAINT PAVEMENT MARKING CHARACTER	24 EA		
0127	4845000000-N	1205	PAINT PAVEMENT MARKING SYMBOL	480 EA		
0128	4850000000-E	1205	REMOVAL OF PAVEMENT MARKING LINES (4")	26,336 LF		
0129	4860000000-E	1205	REMOVAL OF PAVEMENT MARKING LINES (8")	1,128 LF		
0130	4870000000-E	1205	REMOVAL OF PAVEMENT MARKING LINES (24")	2,510 LF		
0131	4875000000-N	1205	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS	84 EA		
0132	4890000000-E	SP	GENERIC PAVEMENT MARKING ITEM YIELD LINE PAINT PAVEMENT MARKING (24")	217 LF		
0133	4890000000-E	SP	GENERIC PAVEMENT MARKING ITEM YIELD LINE THERMOPLASTIC PAVEMENT MARKING (24", 90 MILS)	218 LF		

County: MECKLENBURG

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0134	4895000000-N	SP	GENERIC PAVEMENT MARKING ITEM POLYCARBONATE H-SHAPED MARKERS	476 EA		
0135	4957000000-N	1264	OBJECT MARKERS (TYPE **) (1)	10 EA		
0136	5255000000-N	1413	PORTABLE LIGHTING	Lump Sum	L.S.	
0137	5325600000-E	1510	6" WATER LINE	20 LF		
0138	5325800000-E	1510	8" WATER LINE	146 LF		
0139	5326200000-E	1510	12" WATER LINE	3,794 LF		
0140	5326600000-E	1510	16" WATER LINE	130 LF		
0141	5329000000-E	1510	DUCTILE IRON WATER PIPE FITTINGS	10,320 LB		
0142	5534000000-E	1515	*** VALVE (3")	1 EA		
0143	5540000000-E	1515	6" VALVE	5 EA		
0144	5546000000-E	1515	8" VALVE	5 EA		
0145	5558000000-E	1515	12" VALVE	6 EA		
0146	5590000000-E	1515	*** COMBINATION AIR VALVE (2")	1 EA		
0147	5648000000-N	1515	RELOCATE WATER METER	14 EA		
0148	5649000000-N	1515	RECONNECT WATER METER	10 EA		
0149	5666000000-N	1515	FIRE HYDRANT	2 EA		
0150	5672000000-N	1515	RELOCATE FIRE HYDRANT	3 EA		

County: MECKLENBURG

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0151	5673000000-E	1515	FIRE HYDRANT LEG	84 LF		
0152	5684400000-E	1515	6" LINE STOP WITH BYPASS	2 EA		
0153	5685200000-E	1515	16" LINE STOP WITH BYPASS	1 EA		
0154	5686000000-E	1515	*** WATER SERVICE LINE (2")	121 LF		
0155	5686000000-E	1515	*** WATER SERVICE LINE (3")	106 LF		
0156	5686000000-E	1515	*** WATER SERVICE LINE (6")	185 LF		
0157	5686000000-E	1515	*** WATER SERVICE LINE (8")	60 LF		
0158	5686500000-E	1515	WATER SERVICE LINE	1,045 LF		
0159	5691300000-E	1520	8" SANITARY GRAVITY SEWER	767 LF		
0160	5709300000-E	1520	6" FORCE MAIN SEWER	971 LF		
0161	5769000000-E	1520	DUCTILE IRON SEWER PIPE FITTINGS	910 LB		
0162	5775000000-E	1525	4' DIA UTILITY MANHOLE	2 EA		
0163	5781000000-E	1525	UTILITY MANHOLE WALL 4' DIA	12 LF		
0164	5800000000-E	1530	ABANDON 6" UTILITY PIPE	1,073 LF		
0165	5801000000-E	1530	ABANDON 8" UTILITY PIPE	903 LF		
0166	5804000000-E	1530	ABANDON 12" UTILITY PIPE	1,330 LF		
0167	5810000000-E	1530	ABANDON 16" UTILITY PIPE	115 LF		

County: MECKLENBURG

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0168	5815500000-N	1530	REMOVE FIRE HYDRANT	2 EA		
0169	5828000000-N	1530	REMOVE UTILITY MANHOLE	2 EA		
0170	5835800000-E	1540	18" ENCASEMENT PIPE	178 LF		
0171	5835900000-E	1540	20" ENCASEMENT PIPE	517 LF		
0172	5882000000-N	SP	GENERIC UTILITY ITEM RELOCATE 2" WATER METER	1 EA		
0173	5882000000-N	SP	GENERIC UTILITY ITEM RELOCATE 3" WATER METER	2 EA		
0174	5882000000-N	SP	GENERIC UTILITY ITEM RELOCATE 6" WATER METER	3 EA		
0175	5888000000-E	SP	GENERIC UTILITY ITEM 4" PVC CONDUIT	395 LF		
0176	6000000000-E	1605	TEMPORARY SILT FENCE	11,195 LF		
0177	6006000000-E	1610	STONE FOR EROSION CONTROL, CLASS A	480 TON		
0178	6009000000-E	1610	STONE FOR EROSION CONTROL, CLASS B	990 TON		
0179	6012000000-E	1610	SEDIMENT CONTROL STONE	1,430 TON		
0180	6015000000-E	1615	TEMPORARY MULCHING	8 ACR		
0181	6018000000-E	1620	SEED FOR TEMPORARY SEEDING	500 LB		
0182	6021000000-E	1620	FERTILIZER FOR TEMPORARY SEEDING	3.5 TON		
0183	6024000000-E	1622	TEMPORARY SLOPE DRAINS	200 LF		
0184	6029000000-E	SP	SAFETY FENCE	1,302 LF		

County: MECKLENBURG

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0185	6030000000-E	1630	SILT EXCAVATION	1,780 CY		
0186	6036000000-E	1631	MATTING FOR EROSION CONTROL	14,272 SY		
0187	6037000000-E	1629	COIR FIBER MAT	100 SY		
0188	6042000000-E	1632	1/4" HARDWARE CLOTH	4,790 LF		
0189	6043000000-E	1644	LOW PERMEABILITY GEOTEXTILE	100 SY		
0190	6070000000-N	1639	SPECIAL STILLING BASINS	2 EA		
0191	6071002000-E	1642	FLOCCULANT	140 LB		
0192	6071012000-E	1642	COIR FIBER WATTLE	20 LF		
0193	6071030000-E	1640	COIR FIBER BAFFLE	85 LF		
0194	6071050000-E	1644	*** SKIMMER (1-1/2")	1 EA		
0195	6084000000-E	1660	SEEDING & MULCHING	9 ACR		
0196	6087000000-E	1660	MOWING	6 ACR		
0197	6090000000-E	1661	SEED FOR REPAIR SEEDING	100 LB		
0198	6093000000-E	1661	FERTILIZER FOR REPAIR SEEDING	0.25 TON		
0199	6096000000-E	1662	SEED FOR SUPPLEMENTAL SEEDING	175 LB		
0200	6108000000-E	1665	FERTILIZER TOPDRESSING	5 TON		
0201	6111000000-E	SP	IMPERVIOUS DIKE	80 LF		

County: MECKLENBURG

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0202	6114500000-N	1667	SPECIALIZED HAND MOWING	10 MHR		
0203	6114800000-N	SP	MANUAL LITTER REMOVAL	4 MHR		
0204	6114900000-E	SP	LITTER DISPOSAL	1 TON		
0205	6117000000-N	1675	RESPONSE FOR EROSION CONTROL	25 EA		
0206	6117500000-N	SP	CONCRETE WASHOUT STRUCTURE	2 EA		
0207	6132000000-N	SP	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION CLEANOUT	708 EA		
0208	6132000000-N	SP	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION, TYPE 1	18 EA		
0209	6132000000-N	SP	GENERIC EROSION CONTROL ITEM FABRIC INSERT INLET PROTECTION, TYPE 2	218 EA		
0210	6132000000-N	SP	GENERIC EROSION CONTROL ITEM PREFABRICATED CONCRETE WASHOUT	9 EA		
0211	7048500000-E	1705	PEDESTRIAN SIGNAL HEAD (16", 1 SECTION W/COUNTDOWN)	5 EA		
0212	7060000000-E	1705	SIGNAL CABLE	7,316 LF		
0213	7120000000-E	1705	VEHICLE SIGNAL HEAD (12", 3 SECTION)	15 EA		
0214	7132000000-E	1705	VEHICLE SIGNAL HEAD (12", 4 SECTION)	5 EA		
0215	7264000000-E	1710	MESSENGER CABLE (3/8")	200 LF		
0216	7288000000-E	1715	PAVED TRENCHING (*****) (2, 2")	310 LF		
0217	7288000000-E	1715	PAVED TRENCHING (*****) (3, 2")	300 LF		

County: MECKLENBURG

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0218	7300000000-E	1715	UNPAVED TRENCHING (*****) (1, 2")	425 LF		
0219	7300000000-E	1715	UNPAVED TRENCHING (*****) (2, 2")	85 LF		
0220	7300000000-E	1715	UNPAVED TRENCHING (*****) (4, 2")	10 LF		
0221	7301000000-E	1715	DIRECTIONAL DRILL (*****) (2, 2")	360 LF		
0222	7301000000-E	1715	DIRECTIONAL DRILL (*****) (3, 2")	200 LF		
0223	7324000000-N	1716	JUNCTION BOX (STANDARD SIZE)	12 EA		
0224	7348000000-N	1716	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)	10 EA		
0225	7360000000-N	1720	WOOD POLE	4 EA		
0226	7372000000-N	1721	GUY ASSEMBLY	4 EA		
0227	7420000000-E	1722	2" RISER WITH WEATHERHEAD	4 EA		
0228	7444000000-E	1725	INDUCTIVE LOOP SAWCUT	820 LF		
0229	7456100000-E	1726	LEAD-IN CABLE (14-2)	5,470 LF		
0230	7588000000-N	SP	METAL POLE WITH SINGLE MAST ARM	2 EA		
0231	7613000000-N	SP	SOIL TEST	2 EA		
0232	7614100000-E	SP	DRILLED PIER FOUNDATION	20 CY		
0233	7631000000-N	SP	MAST ARM WITH METAL POLE DESIGN	2 EA		
0234	7636000000-N	1745	SIGN FOR SIGNALS	11 EA		

County: MECKLENBURG

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0235	7642100000-N	1743	TYPE I POST WITH FOUNDATION	6 EA		
0236	7642200000-N	1743	TYPE II PEDESTAL WITH FOUNDATION	19 EA		
0237	7684000000-N	1750	SIGNAL CABINET FOUNDATION	1 EA		
0238	7696000000-N	1751	CONTROLLERS WITH CABINET (*****) (2070LX W/ QFREE MAXTIME, BASE MOUNTED)	2 EA		
0239	7744000000-N	1751	DETECTOR CARD (TYPE 170)	7 EA		
0240	7901000000-N	1753	CABINET BASE EXTENDER	2 EA		
0241	7960000000-N	SP	METAL POLE FOUNDATION REMOVAL	2 EA		
0242	7972000000-N	SP	METAL POLE REMOVAL	2 EA		
0243	7980000000-N	SP	GENERIC SIGNAL ITEM MICROWAVE VEHICLE DETECTION SYSTEM - MULTIPLE ZONES	6 EA		
0244	7980000000-N	SP	GENERIC SIGNAL ITEM PROTECTIVE COATING FOR SINGLE MAST ARM POLE (BLACK)	2 EA		
0245	7980000000-N	SP	GENERIC SIGNAL ITEM PROTECTIVE COATING FOR TYPE I PUSHBUTTON POST (BLACK)	6 EA		
0246	7980000000-N	SP	GENERIC SIGNAL ITEM PROTECTIVE COATING FOR TYPE II SIGNAL PEDESTAL (BLACK)	19 EA		
0247	7980000000-N	SP	GENERIC SIGNAL ITEM RECTANGULAR RAPID FLASHING BEACON ASSEMBLY	22 EA		
WALL ITEMS						
0248	8504000000-E	460	CONCRETE BARRIER RAIL WITH MOMENT SLAB	443.75 LF		
0249	8801000000-E	SP	MSE RETAINING WALL NO **** (4)	2,490 SF		

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0250	8801000000-E	SP	MSE RETAINING WALL NO **** (5)	794 SF		
0251	8802040000-E	453	CIP GRAVITY RETAINING WALLS	712.71 SF		

1015/Nov12/Q375676.19/D1117773244000/E251

Total Amount Of Bid For Entire Project :

2025-11-10 REVISION: QUANTITIES REVISED TO REFLECT THE RRF-B SIGN UPDATES.(ACD)

I:\Traffic\Signing\CADD\Signing Layout Plans\U5906esign-tsh.dgn
User: hvdierm

T.I.P.: U-5906

CONTRACT: C204505

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

SIGNING PLAN
MECKLENBURG COUNTY

LOCATION: INTERSECTION IMPROVEMENTS SR 2195 (TORRENCE
CHAPEL ROAD) AND SR 5544 (WEST CATAWBA AVENUE)
IN CORNELIUS

ROADWAY STANDARD DRAWING

THE FOLLOWING ROADWAY STANDARDS AS APPEAR IN "ROADWAY STANDARD DRAWINGS" -
PROJECT SERVICES UNIT - N.C. DEPARTMENT OF TRANSPORTATION - RALEIGH, N.C.,
DATED JANUARY 2024 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE
CONSIDERED A PART OF THESE PLANS:

STD. NO.	TITLE
901.10	TYPE 'A' SIGNS
901.20	TYPE 'B' SIGNS
901.50	ARROWS AND SHIELDS
901.70	SIGN STRINGERS AND SUPPORT SPACING
901.80	SIGN MOUNTING DETAILS - FOR TYPE A AND TYPE B SIGNS
903.10	GROUND MOUNTED SIGN SUPPORTS
904.10	ORIENTATION OF GROUND MOUNTED SIGNS
904.50	MOUNTING OF TYPE 'D', 'E' AND 'F' SIGNS ON 'U' CHANNEL POSTS
910.40	SINGLE/TWO LANE ROUNDABOUT WITH PEDESTRIAN

SUMMARY OF QUANTITIES

ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4025000000	901	CONTRACTOR FURNISHED, TYPE A SIGN	202	S.F.
4025000000	901	CONTRACTOR FURNISHED, TYPE E SIGN	878	S.F.
4025000000	901	CONTRACTOR FURNISHED, TYPE F SIGN	27	S.F.
4048000000	902	REINFORCED CONCRETE SIGN FOUNDATION	2	C.Y.
4060000000	903	SUPPORTS, BREAKAWAY STEEL BEAM	1387	LB.
4072000000	903	SUPPORTS, 3 LB STEEL U-CHANNEL	1360	L.F.
4102000000	904	SIGN ERECTION, TYPE E	187	EA.
4108000000	904	SIGN ERECTION, TYPE F	3	EA.
4110000000	904	SIGN ERECTION, TYPE A (GROUND MOUNTED)	2	EA.
4116100000	904	SIGN ERECTION, RELOCATE SIGN TYPE D	3	EA.
4152000000	907	DISPOSAL OF SIGN SYSTEM, STEEL BEAM	2	EA.
4155000000	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	75	EA.
4192000000	907	DISPOSAL OF SUPPORT, U-CHANNEL	2	EA.

GENERAL NOTES

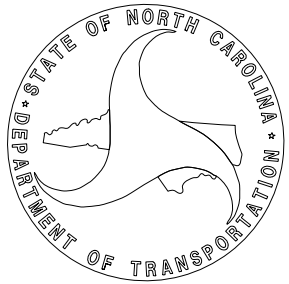
- SIGNS FURNISHED BY CONTRACTOR
- ALL TYPE 'D' SIGNS SHALL BE MOUNTED ON TWO U-CHANNEL POSTS UNLESS OTHERWISE INDICATED ON THE PLANS.
- IF REMOVAL OR RELOCATION OF SIGNS ON PRIVATE STREET (NON-STATE MAINTAINED) IS REQUIRED DUE TO CONSTRUCTION, THE CONTRACTOR SHALL INFORM THE ENGINEER. THE WORK WILL BE COMPLETED BY OTHERS.
- 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 C REFLECTIVE SHEETING.
- DO NOT BEGIN FABRICATION FOR TYPES A & B SIGNS MOUNTED ON OVERHEAD STRUCTURES OR STEEL SUPPORTS UNTIL "S" DIMENSIONS HAVE BEEN FIELD VERIFIED.
- SEE ROADWAY PLANS FOR GUARD/GUIDE RAIL DETAILS.

INDEX

SHEET NO.	DESCRIPTION
SIGN-1	TITLE SHEET
SIGN-1A	SIGN SUPPORT CHART
SIGN-1B	SINGLE LANE URBAN ROUNDABOUT SIGNING, WITH PEDESTRIANS DETAIL
SIGN-2-2A	E AND F SHEETS
SIGN-3-3B	SIGN DESIGNS
SIGN-4-9	PROPOSED SIGN DETAIL SHEETS
SIGN-10-15	EXISTING SIGN DETAIL SHEETS

PLAN SUBMITTED TO: NCDOT WESTERN REGION SIGNING & DELINEATION

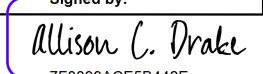
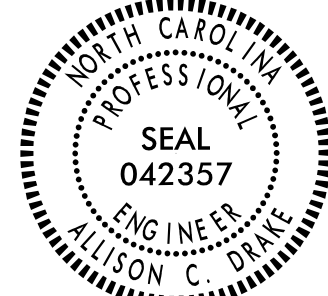
<u>KELVIN L. JORDAN</u>	SIGNING AND DELINEATION REGIONAL ENGINEER
<u>J. NAVARRETE</u>	SIGNING AND DELINEATION PROJECT DESIGN ENGINEER



PLAN PREPARED BY: RS&H

<u>ALLISON DRAKE, PE</u>	PROJECT ENGINEER
<u>NIKI AVGERINOS, PE</u>	PROJECT DESIGN ENGINEER

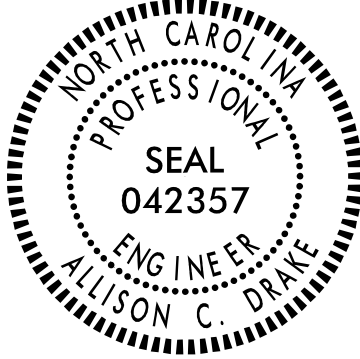


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DATE: 11/10/2025	
SEAL 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

TIP NO.
U-5906
Designed by:
Allison C. Drake
TF88090AGES8442E

SHEET NO.
SIGN-4

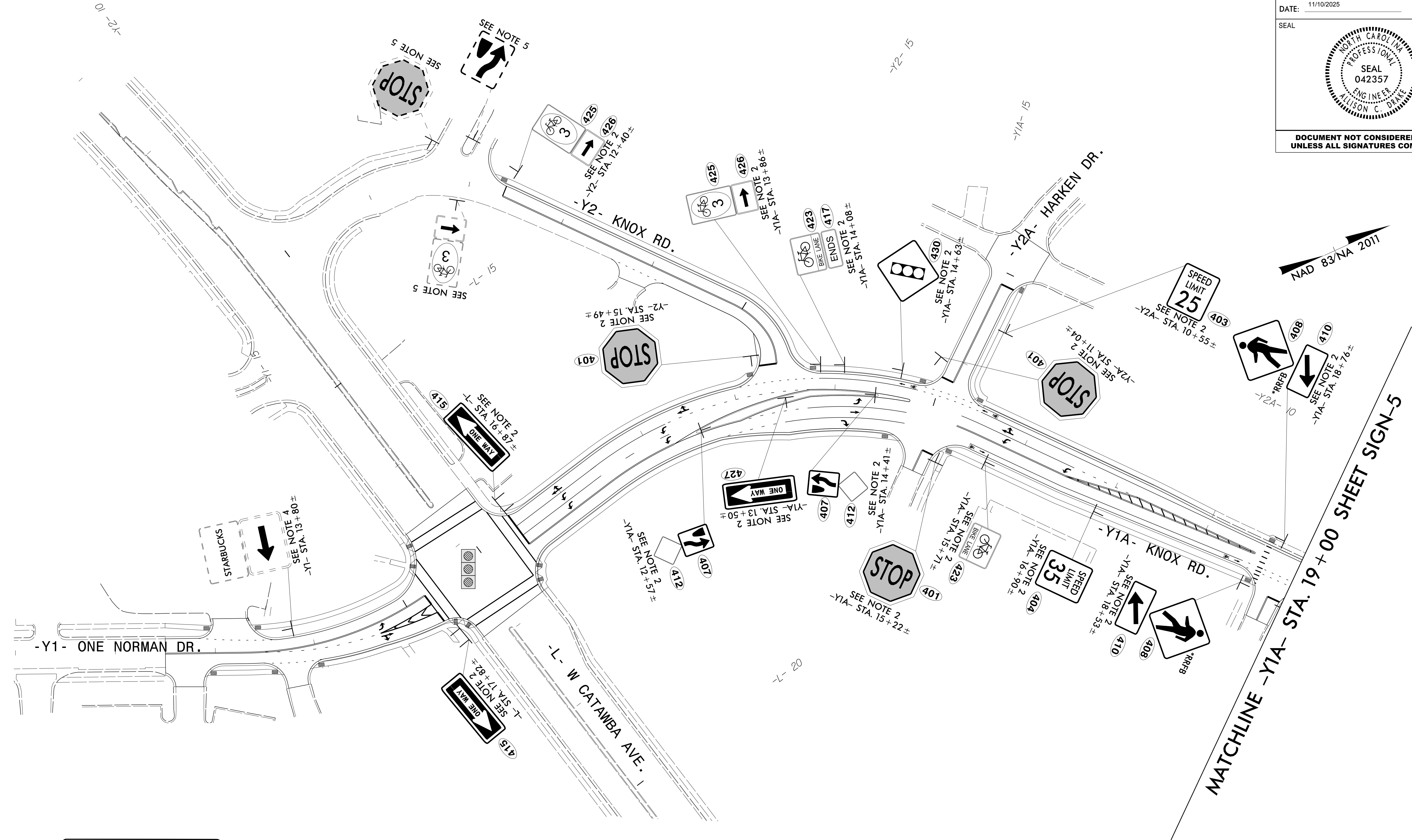
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DATE: 11/10/2025

SEAL


DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

2025-11-10 REVISION: 'RRFB' LABEL ADDED TO THE RESPECTIVE PEDESTRIAN CROSSING SIGNS.(ACD)

11/10/2025
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User:RvdgerrmN



PROJECT NOTES

- DISPOSAL OF SIGN SYSTEM, U-CHANNEL
- SIGN ERECTION, TYPE D, E, AND F
- RELOCATE SIGN, TYPE D, E, AND F
- SIGN ERECTION, RELOCATE SIGN TYPE D, E, AND F
- EXISTING SIGN SYSTEM TO REMAIN
- SIGN ERECTION, TYPE A (GROUND MOUNTED)
- DISPOSAL OF SIGN SYSTEM, STEEL BEAM

RS&H 1520 SOUTH BOULEVARD, SUITE 200
CHARLOTTE, NC 28203
NC FIRM LICENSE No: F-0493

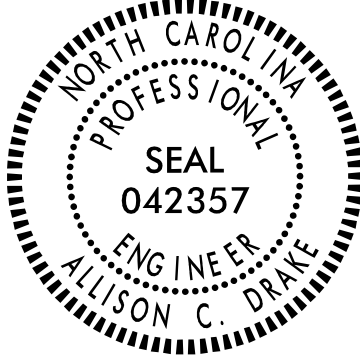
PROPOSED SIGNS

TIP NO.
U-5906

SHEET NO.
SIGN-6

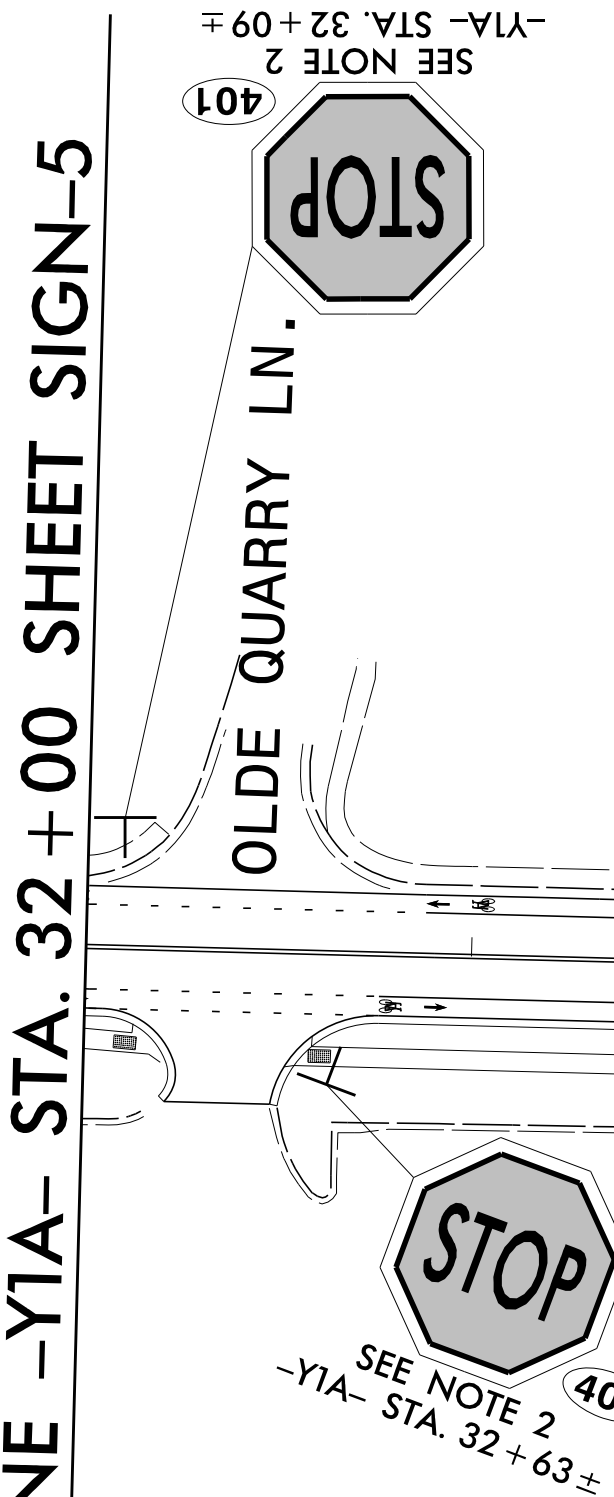
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Allison C. Drake
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DATE: 11/10/2025

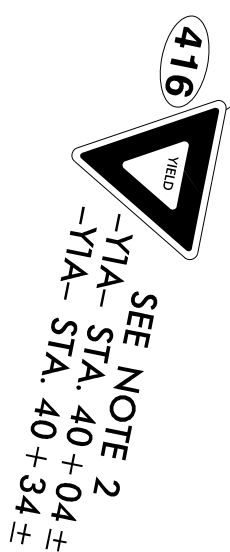
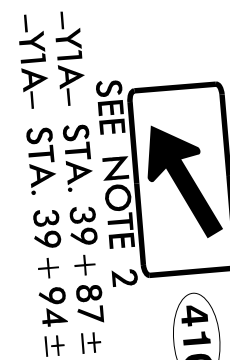
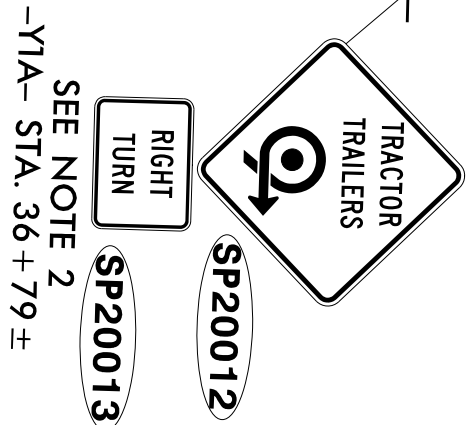
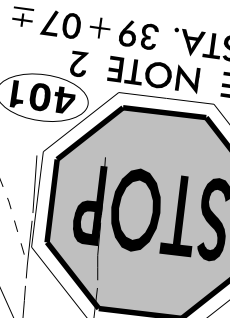
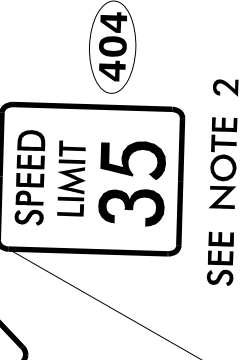
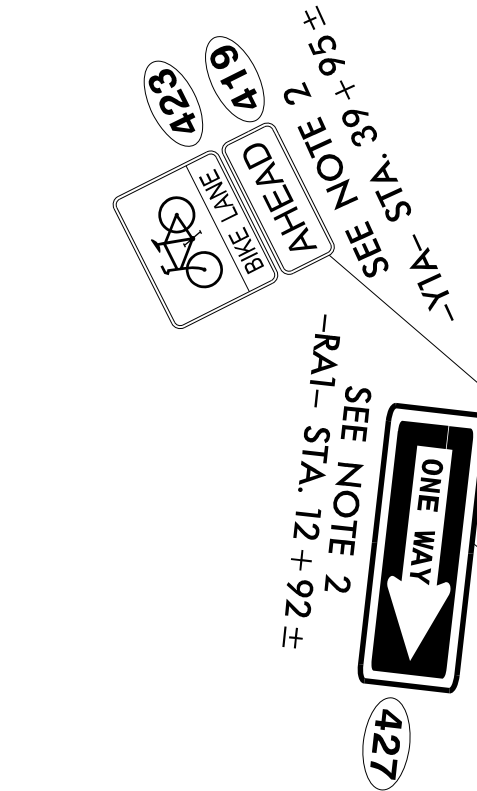
SEAL


DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

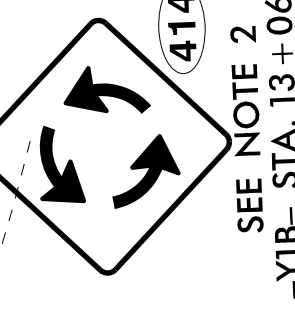
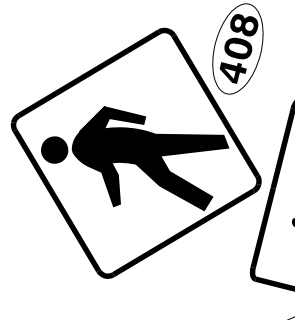
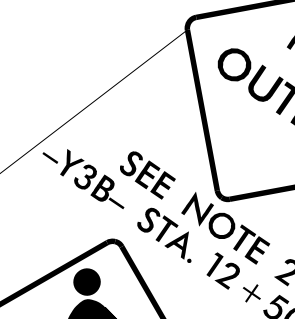
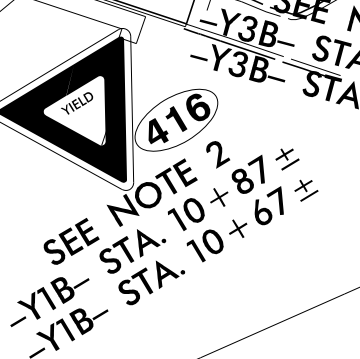
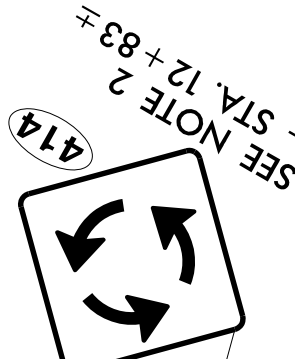
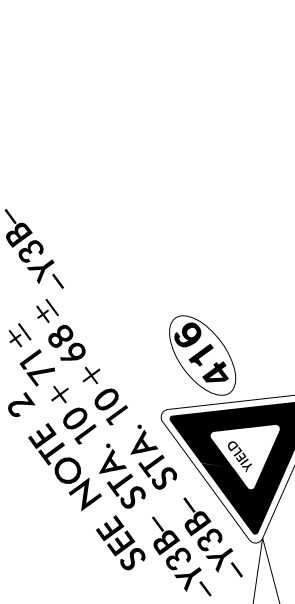
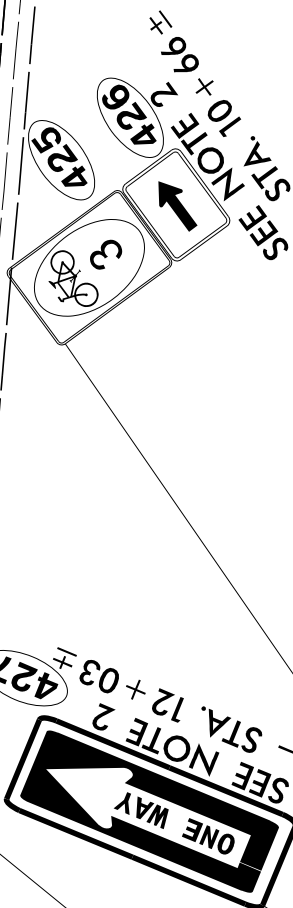
MATCHLINE -Y1A- STA. 32 + 00 SHEET SIGN-5



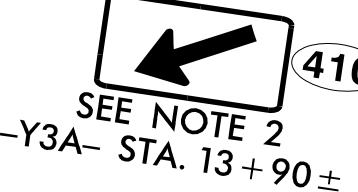
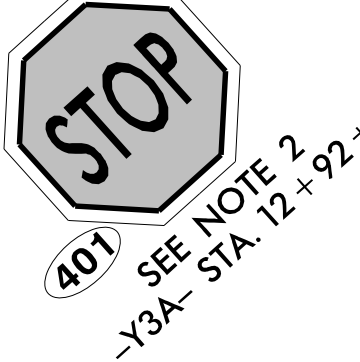
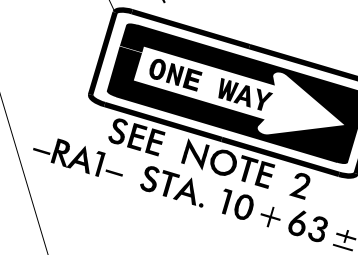
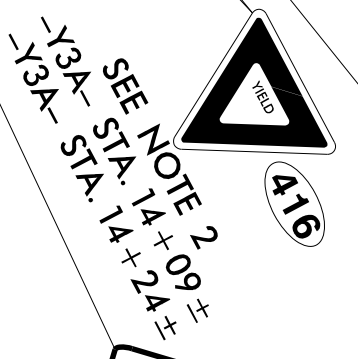
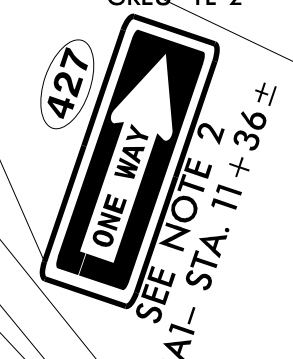
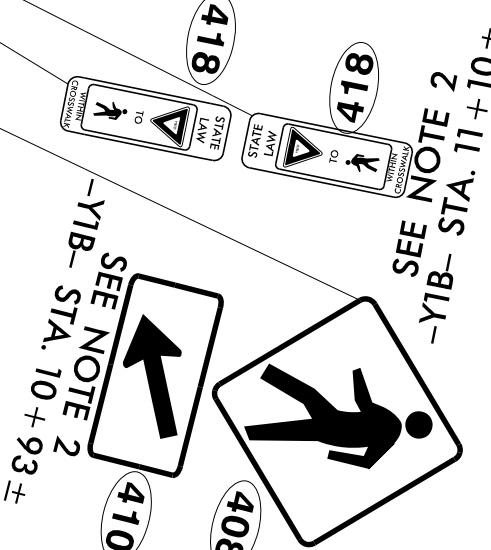
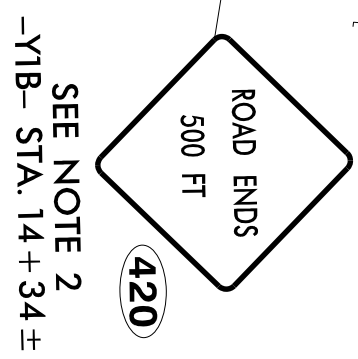
-Y1A- 35



COLD SPRING LN.



-Y1B- KNOX RD.



PROJECT NOTES

- DISPOSAL OF SIGN SYSTEM, U-CHANNEL
- SIGN ERECTION, TYPE D, E, AND F
- RELOCATE SIGN, TYPE D, E, AND F
- SIGN ERECTION, RELOCATE SIGN TYPE D, E, AND F
- EXISTING SIGN SYSTEM TO REMAIN
- SIGN ERECTION, TYPE A (GROUND MOUNTED)
- DISPOSAL OF SIGN SYSTEM, STEEL BEAM



1520 SOUTH BOULEVARD, SUITE 200
CHARLOTTE, NC 28203
NC FIRM LICENSE No: F-0493

PROPOSED SIGNS

2025-11-10 REVISION: "RRFB" LABEL ADDED TO THE RESPECTIVE PEDESTRIAN CROSSING SIGNS.(ACD)

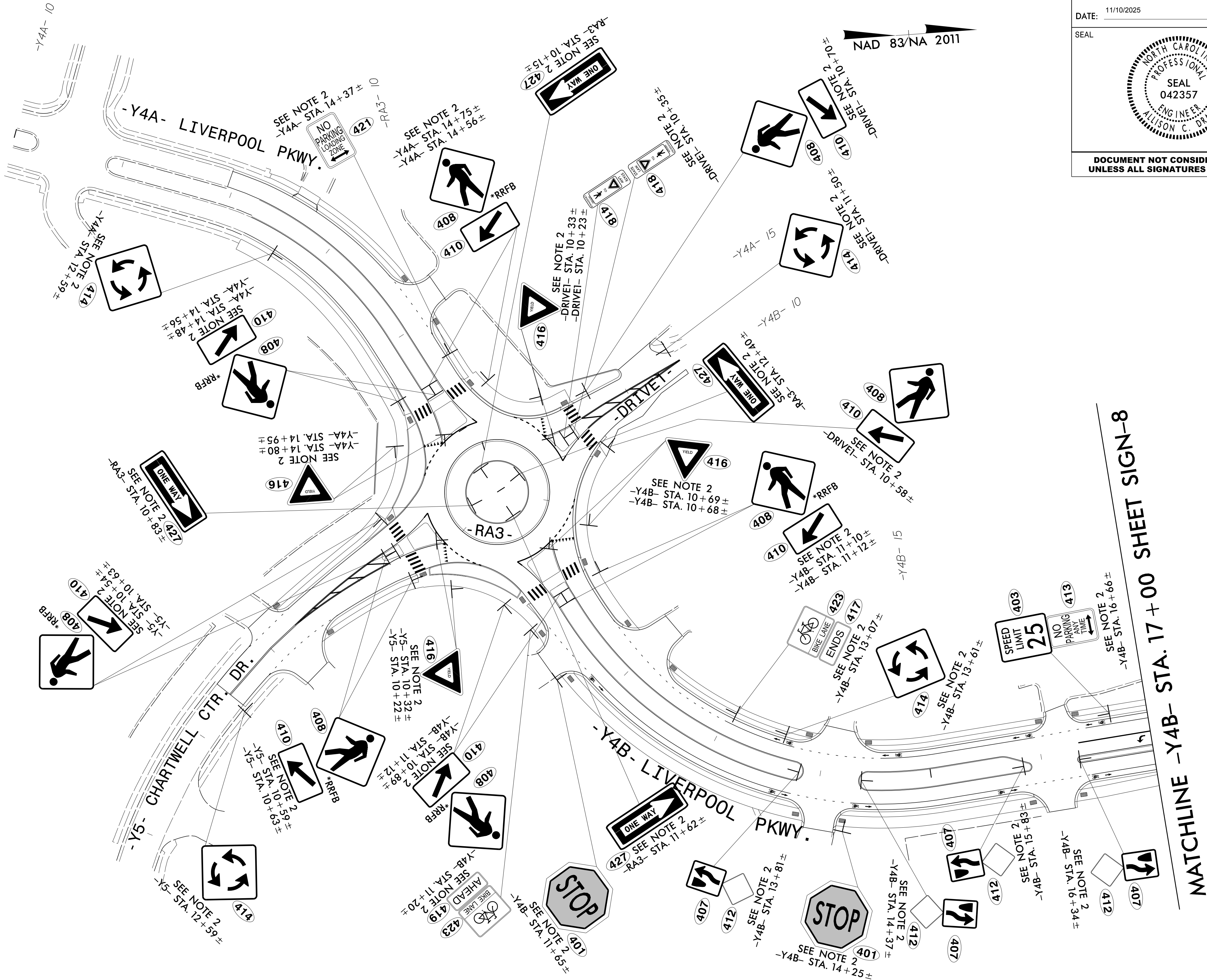
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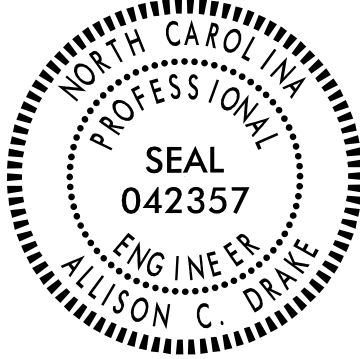
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PROJECT NOTES

- 1 DISPOSAL OF SIGN SYSTEM, U-CHANNEL
- 2 SIGN ERECTION, TYPE D, E, AND F
- 3 RELOCATE SIGN, TYPE D, E, AND F
- 4 SIGN ERECTION, RELOCATE SIGN TYPE D, E, AND F
- 5 EXISTING SIGN SYSTEM TO REMAIN
- 6 SIGN ERECTION, TYPE A (GROUND MOUNTED)
- 7 DISPOSAL OF SIGN SYSTEM, STEEL BEAM



TIP NO.	SHEET NO.
U-5906	SIGN-7
Drawn by: <i>Allison C. Drake</i> 7F8890ACE58442E	
APPROVED: _____ DATE: 11/10/2025	
SEAL 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

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CHARLOTTE, NC 28203
NC FIRM LICENSE No: F-0493

PROPOSED SIGNS