

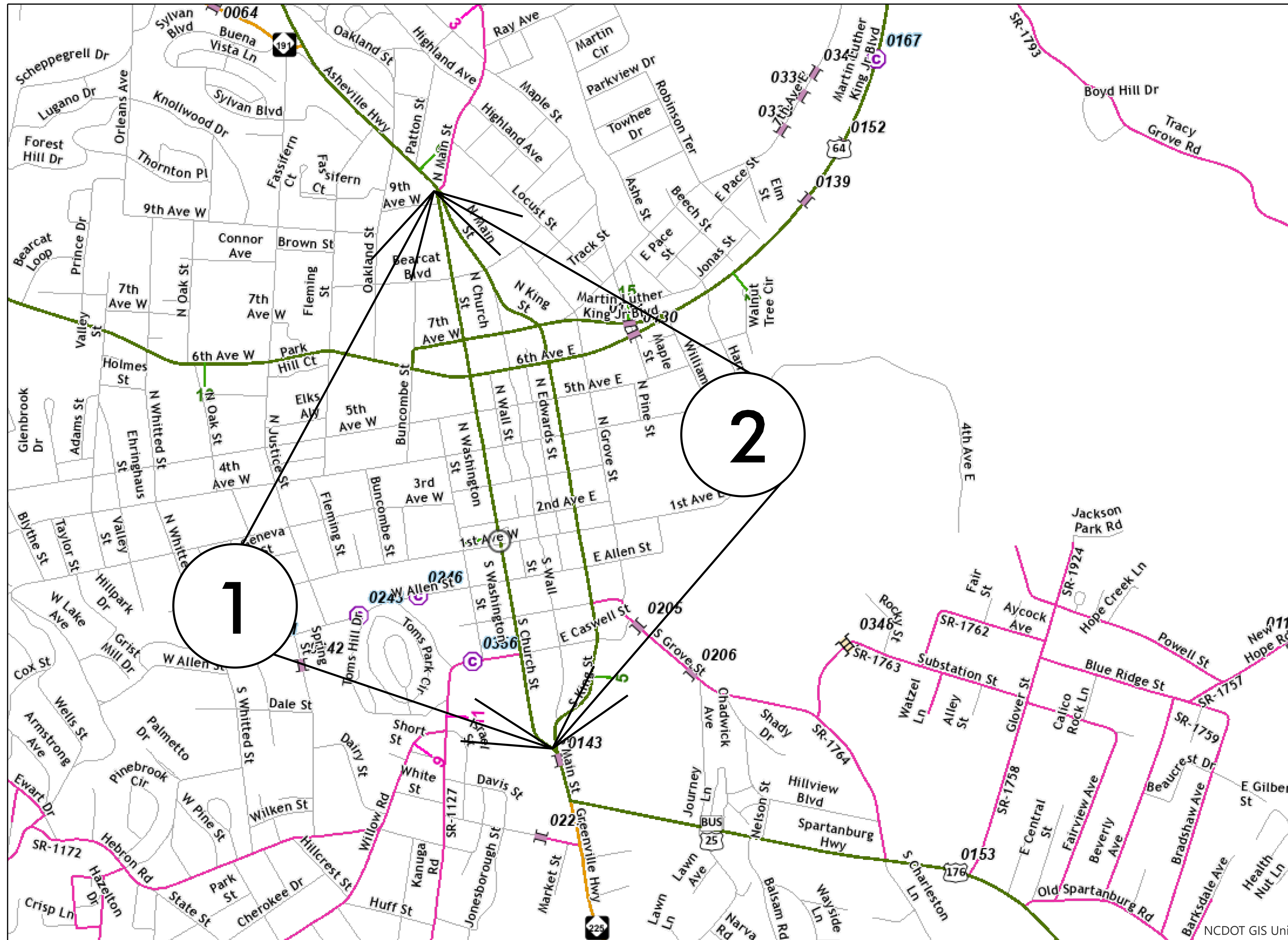
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STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	2024CPT.14.01.10451	1	8
STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION	
2024CPT.14.01.10451	N/A	CON	
R-5794N	4491002	CON	
R-5794O	4491001	CON	

HENDERSON COUNTY



MAP 1



BEG END

MAP 2



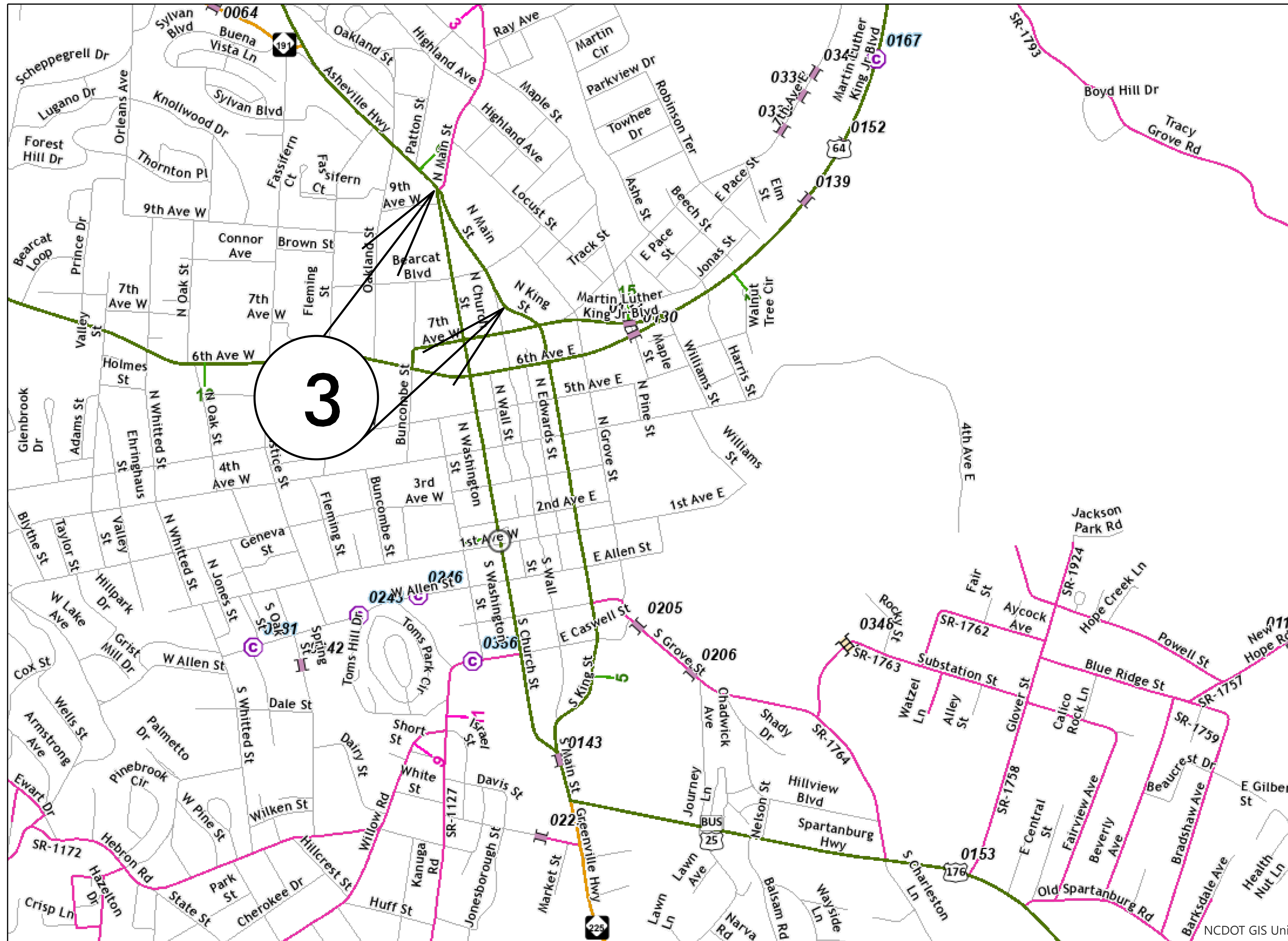
BEG END

CONTRACT: DN01014

NCDOT GIS Unit

HENDERSON COUNTY

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	2024CPT.14.01.10451	2	
STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION	
2024CPT.14.01.10451	N/A	CON	
R-5794N	4491002	CON	
R-5794O	4491001	CON	



MAP 3



BEG

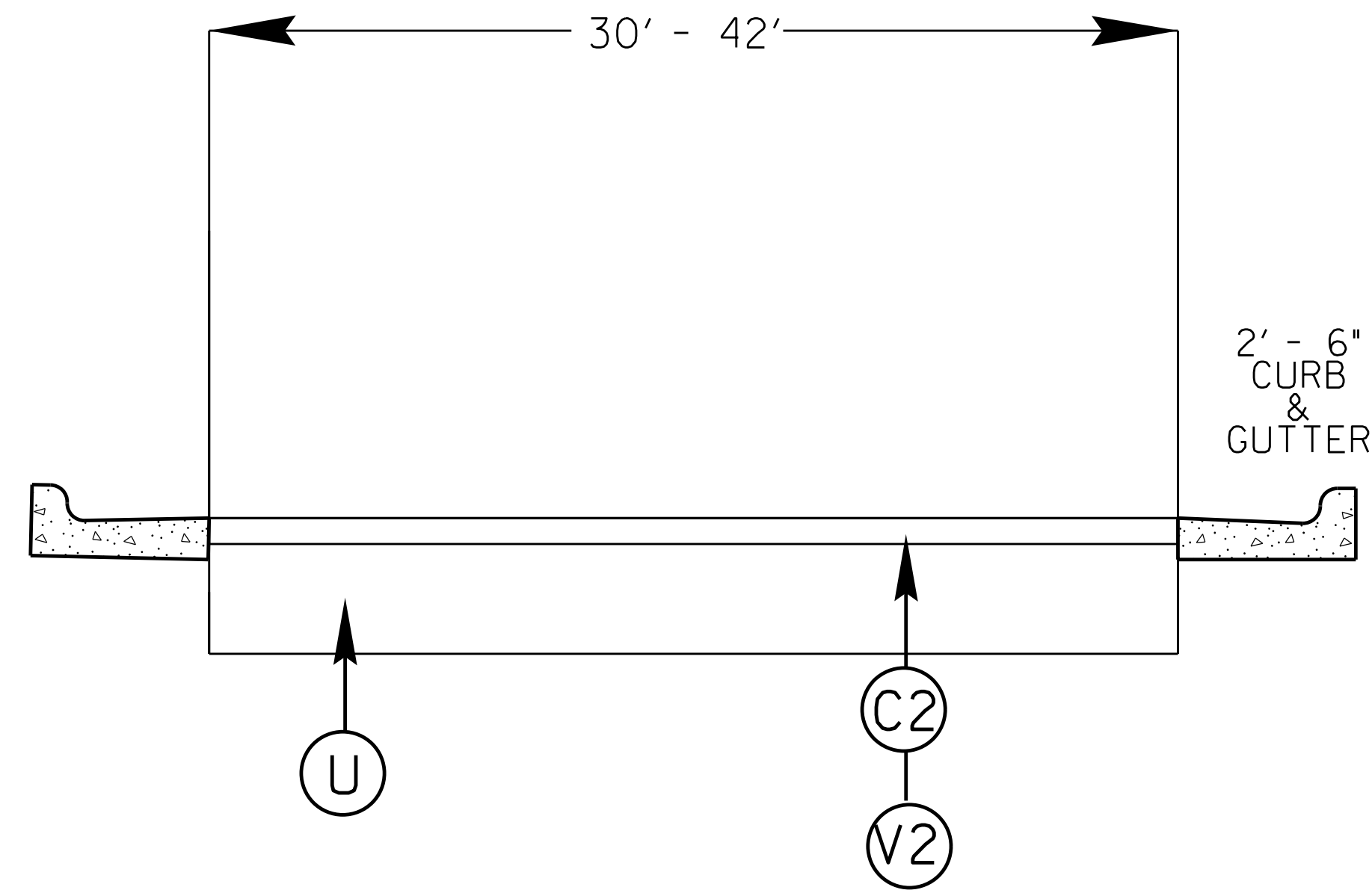


END

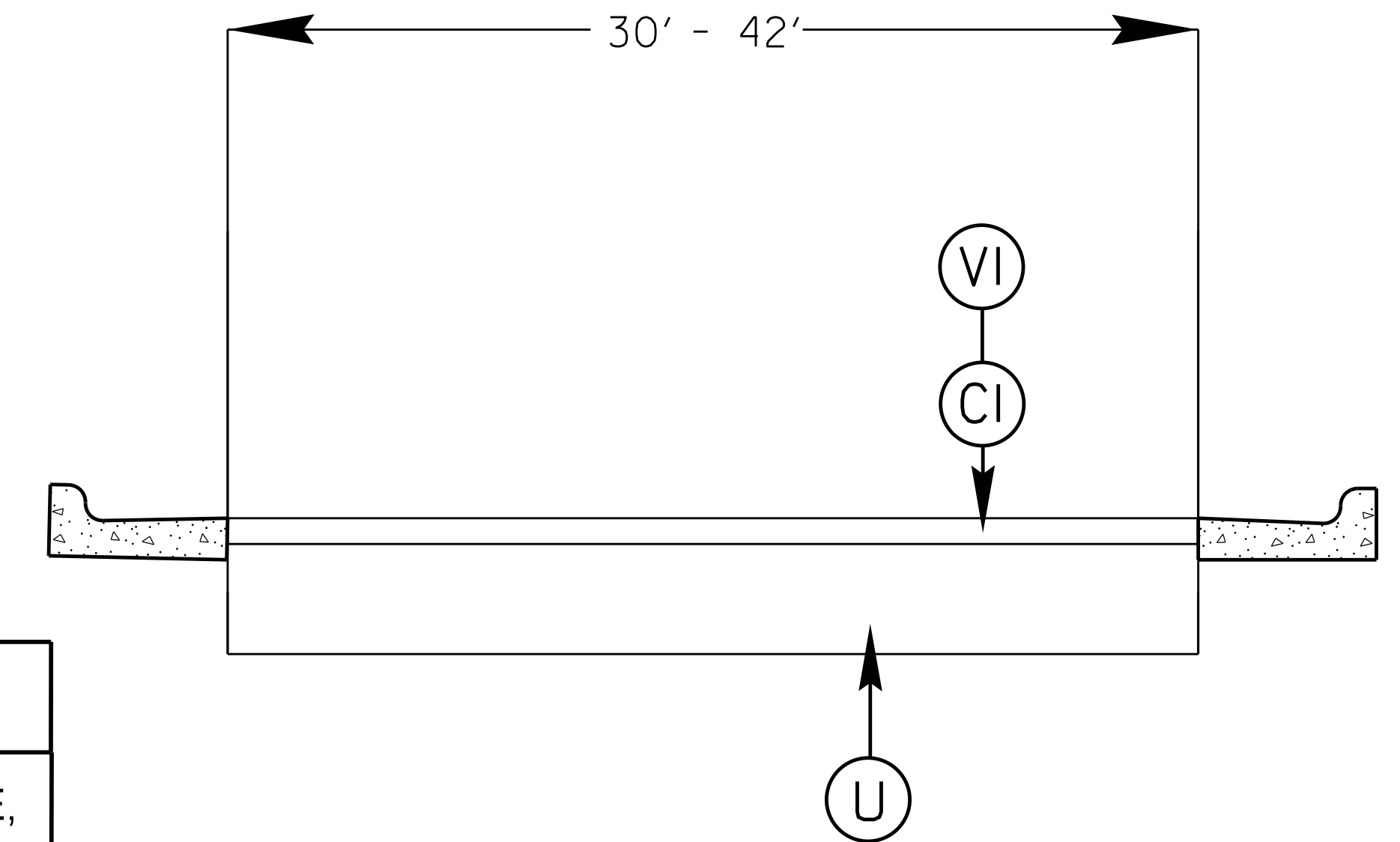
CONTRACT: DN01014

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	2024CPT.14.01.10451	3	
STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION	
2024CPT.14.01.10451			

TYPICAL 1



TYPICAL 2



SURFACING SCHEDULE

ITEM NO	DESCRIPTION
C1	PROP. APPROX. 1 1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C AT AN AVERAGE RATE OF 168 LBS.PER.SQ.YD
C2	PROP. APPROX. 3" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C AT AN AVERAGE RATE OF 332 LBS PER SQ.YD.
V1	MILLED ASPHALT PAVEMENT 1 1/2" IN DEPTH IN LOCATIONS AS DIRECTED BY PROJECT ENGINEER
V2	MILLED ASPHALT PAVEMENT 3" IN DEPTH IN LOCATIONS AS DIRECTED BY PROJECT ENGINEER
U	EXISTING ASPHALT

* TYPICAL 2 ONLY TO BE USED AT INTERSECTION TIE IN'S

CONTRACT: DN01014

09/08/09

PROJECT NO.	SHEET NO.	TOTAL NO.
2024CPT.14.01.10451, 44910.3.16 44910.3.17,	4	

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH	WIDTH	0043000000-N	1297000000-E	1523000000-E	1575000000-E	1704000000-E	2535000000-E	2549000000-E	2591000000-E	2613000000-N	2800000000-N	2830000000-N	2845000000-N	6117500000-N	7444000000-E	7456000000-E		
												GRADING	3" MILLING	1½" MILLING	SURFACE COURSE, S9.5C	ASPHALT BINDER FOR PLANT MIX	PATCHING EXISTING PAVEMENT	8"X 12" CONCRETE CURB	2'-6" CURB & GUTTER	4" CONCRETE SIDEWALK	REMOVE AND REPLACE CURB RAMPS	ADJ. OF CATCH BASIN	ADJ. OF MANHOLES	ADJ. OF METER OR VALVE BOX	CONCRETE WASHOUT STRUCTURE	INDUCTIVE LOOP	LEAD-IN CABLE (14-2)	
												LS	SY	SY	TONS	TONS	TONS	LF	LF	SY	EA	EA	EA	EA	EA	LF	LF	
2024CPT.14.01.10451	Henderson	1	US-25 BUS S	FROM APPROX. 220 FT S. OF 9TH AVE TO US 25 (S. MAIN ST)	1	2	MD	NO	NO	0.99	42		24,789	1,278	4,576	276	23						5	41	30		672	1,340
TOTAL FOR MAP NO. 1										0.99			24,789	1,278	4,576	276	23						5	41	30		672	1,340
TOTAL FOR PROJ NO. 2024CPT.14.01.10451										0.99			24,789	1,278	4,576	276	23						5	41	30		672	1,340
												26,067																
44910.3.16	Henderson	2	US-25 BUS S	FROM APPROX. 220 FT S. OF 9TH AVE TO US 25 (S. MAIN ST)		2	M2	NO	NO	0.99	44								110	122	35							1.00
TOTAL FOR MAP NO. 2										0.99									110	122	35							1.00
TOTAL FOR PROJ NO. 44910.3.16										0.99									110	122	35						1.00	
												1.00																
44910.3.17	Henderson	3	US-25 S	REPLACE SIDEWALK AND CURBRAMPS ON US-25 BUS N FROM APPROX. 350 FT NORTH OF 7TH AVE TO APPROX 300 FT SOUTH OF N. MAIN STREET (US-BUS S)		2	MD	NO	NO	0.24	5	1							900	500	4				4		2.00	
TOTAL FOR MAP NO. 3										0.24		1							900	500	4				4		2.00	
TOTAL FOR PROJ NO. 44910.3.17										0.24		1							900	500	4				4		2.00	
												2.00																
GRAND TOTAL										2.22		1	24,789	1,278	4,576	276	23	900	110	622	39	5	41	34	3.00	672	1,340	
												26,067																
												3.00																

PROJECT NO.	SHEET NO.	TOTAL NO.
2024CPT.14.01.10451, 44910.3.16 44910.3.17,	5	

THERMOPLASTIC AND PAINT QUANTITIES

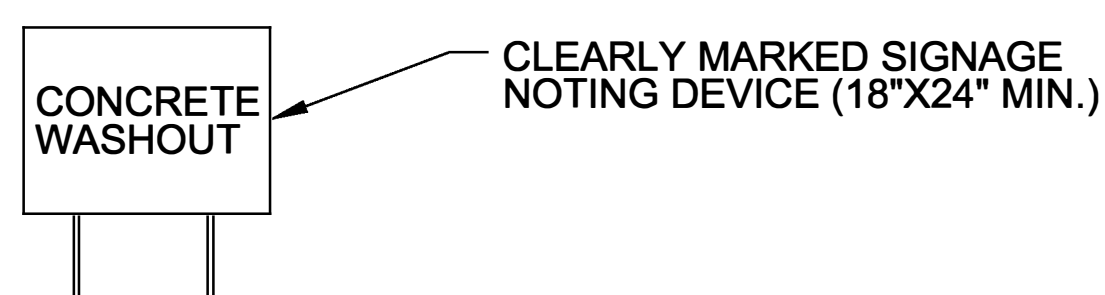
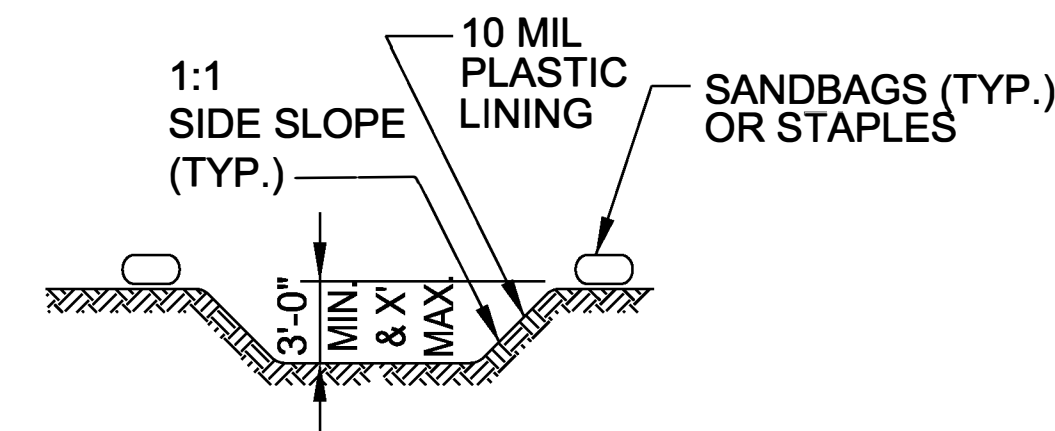
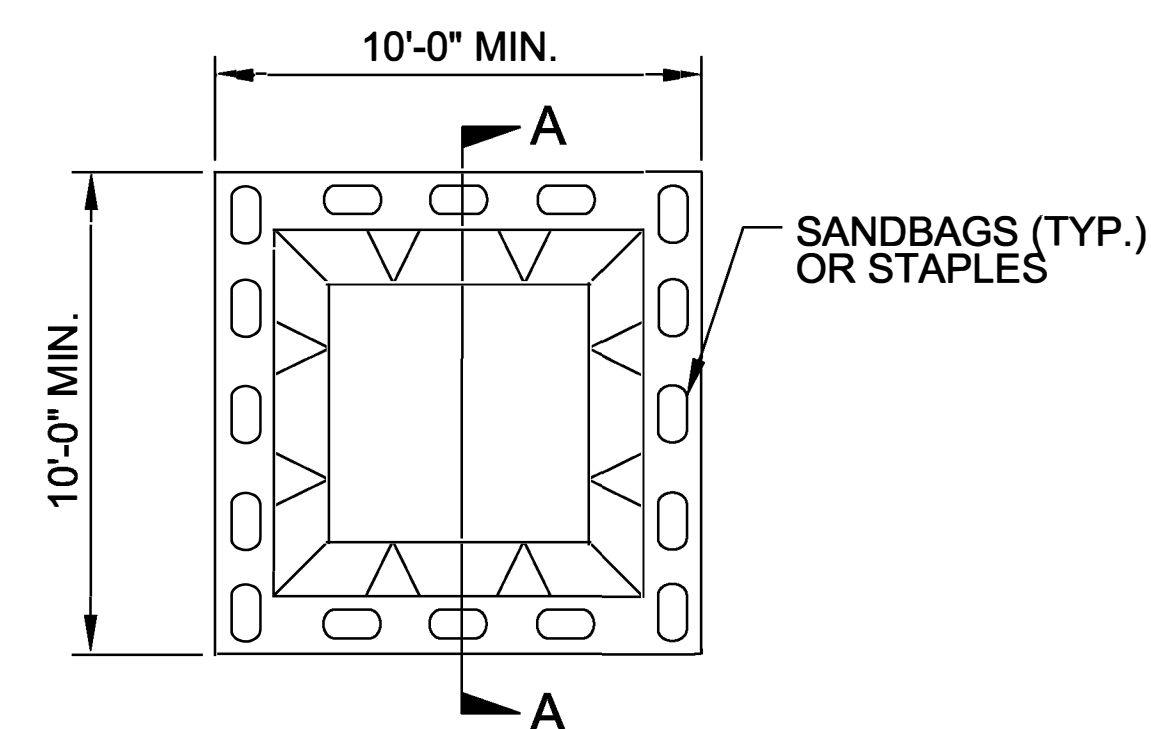
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	4413000000-E	4447000000-E	4457000000-N	4688000000-E		4695000000-E	4709000000-E	4725000000-E			4810000000-E		4830000000-E	4835000000-E	4845000000-N			4960000000-N					
										WORK ZONE ADVANCE/GENERAL WARNING SIGNING	PEDESTRIAN CHANNELIZING DEVICES	TEMPORARY TRAFFIC CONTROL	6" X 90 M YELLOW THERMO	6" X 90 M WHITE THERMO	8" X 90 M WHITE THERMO	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)	THERMO RT ARROW 90 M	THERMO STR ARROW 90 M	THERMO LT ARROW 90 M	4" WHITE PAINT	4" YELLOW PAINT	16" WHITE PAINT	24" WHITE PAINT	PAINT RT ARROW	PAINT LT ARROW	PAINT STR ARROW	TEMPORARY CURB RAMPS	AUDIBLE WARNING DEVICES				
										SF	LF	LS	LF	LF	LF	LF	EA	EA	EA	LF	LF	LF	LF	EA	EA	EA	EA	EA				
2024CPT.14.01.10451	Henderson	1	US-25 BUS S	FROM APPROX. 220 FT S. OF 9TH AVE TO US 25 (S. MAIN ST)	1	2	MD	0.99	42	126		0.70	104	4,018	80	3,970	5	3	2	4,018	104	80	630	5	2	3						
TOTAL FOR MAP NO. 1										126		0.70	104	4,018	80	3,970	5	3	2	4,018	104	80	630	5	2	3						
TOTAL FOR PROJ NO. 2024CPT.14.01.10451										126		0.70	104	4,018	80	3,970	5	3	2	4,018	104	80	630	5	2	3						
													4,122				10			4,122			10									
44910.3.16	Henderson	2	US-25 BUS S	FROM APPROX. 220 FT S. OF 9TH AVE TO US 25 (S. MAIN ST)		2	M2	0.99	44		50	0.15																1.00	2.00			
TOTAL FOR MAP NO. 2											50	0.15																	1.00	2.00		
TOTAL FOR PROJ NO. 44910.3.16											50	0.15																	1.00	2.00		
																												3.00				
44910.3.17	Henderson	3	US-25 BUS N	REPLACE SIDEWALK AND CURBRAMPS ON US-25 BUS N FROM APPROX. 350 FT NORTH OF 7TH AVE TO APPROX 300 FT SOUTH OF N. MAIN STREET (US-BUS S)		2	MD	0.24	5			0.15																				
TOTAL FOR MAP NO. 3												0.15																				
TOTAL FOR PROJ NO. 44910.3.17												0.150																				
GRAND TOTAL										2.22	126	50	1.00	104	4,018	80	3,970	5	3	2	4,018	104	80	630	5	2	3.00	1.00	2.00			
													4,122				10			4,122			10				3.00					

PROJECT NO.	SHEET NO.	TOTAL NO.
2024CPT.14.01.10451, 44910.3.16 44910.3.17,	6	

Concrete Repairs							
Map	Road/Intersec.	WCR	Sidewalk	Sidewalk Removal	Curb and Gutter	8" x 12" Concrete Curb	Notes
2	US 25 and Bearcat/8TH	4	11.1		10		
2	US 25 and 6th Ave	4	11.1		10		
2	US 25 and 5th Ave	4	11.1		10		
2	US 25 and 4th Ave	4	11.1		10		
2	US 25 and 3rd Ave	4	11.1		10		
2	US 25 and 2nd Ave	4	11.1		10		
2	US 25 and 1st Ave	4	11.1		10		
2	US 25 and Allen St.	2	11.1		10		NE and NW Corner
2	US 25 and Barnwell	1	11.1		10		NE Corner
2	US 25 and Kanuga	2	11.1		10		NE and NW Corner
2	US 25 and Caswell	2	11.1		10		
3	US 25 Bus N	4	500	500		900	FROM APPROX. 350 FT NORTH OF 7TH AVE TO APPROX 300 FT SOUTH OF N. MAIN STREET (US-BUS S)
GRAND TOTAL		39	622.1	500	110	900	
		EA	SY	SY	LF	LF	

PROJECT REFERENCE NO.	SHEET NO.
2024CPT.14.10451	7
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

ONSITE CONCRETE WASHOUT STRUCTURE WITH LINER



SECTION A-A

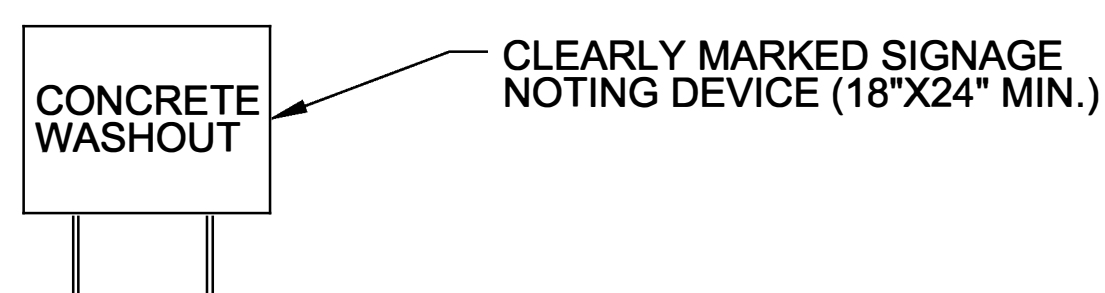
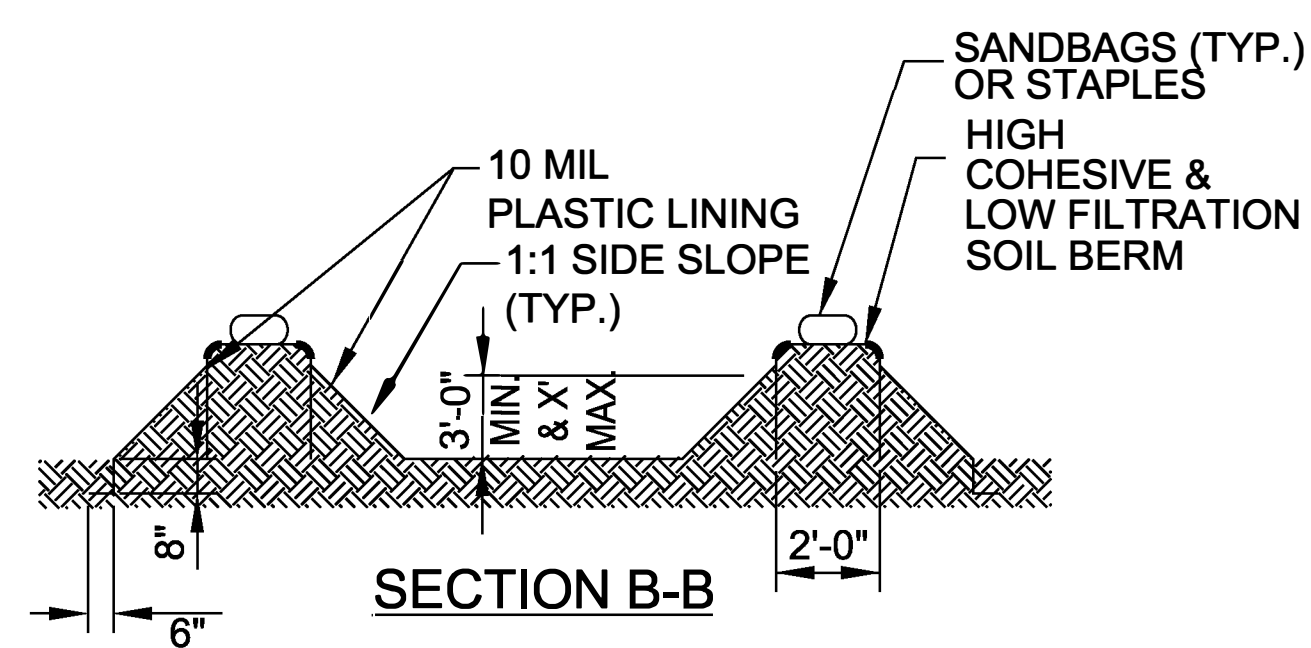
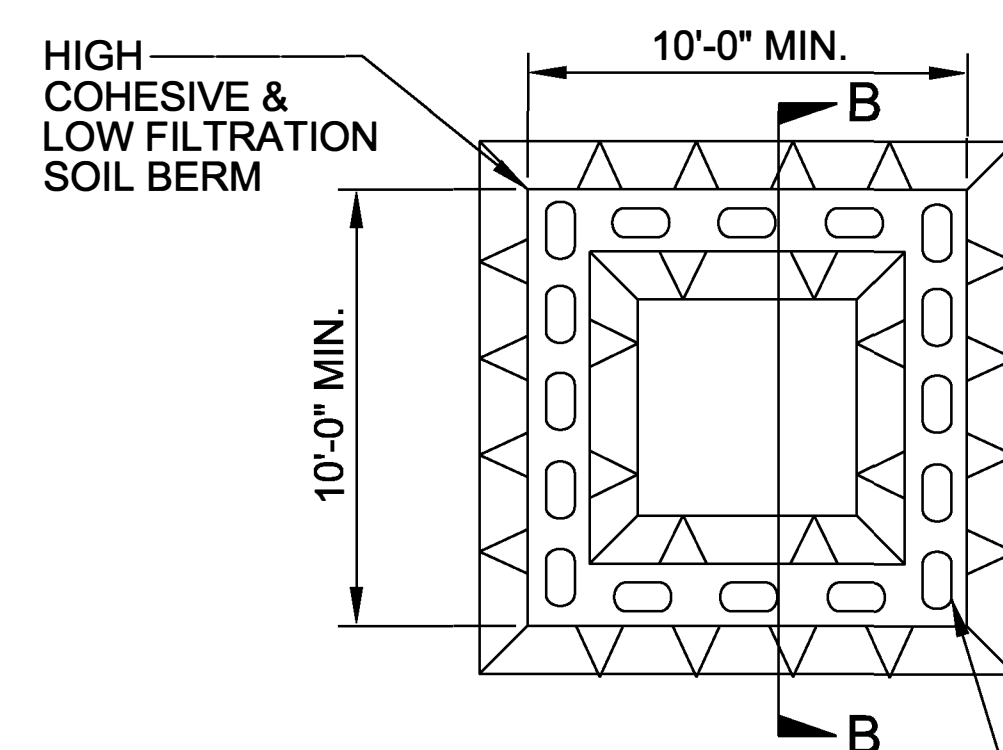
NOTES:

1. ACTUAL LOCATION DETERMINED IN FIELD
2. THE CONCRETE WASHOUT STRUCTURES SHALL BE MAINTAINED WHEN THE LIQUID AND/OR SOLID REACHES 75% OF THE STRUCTURES CAPACITY.
3. CONCRETE WASHOUT STRUCTURE NEEDS TO BE CLEARLY MARKED WITH SIGNAGE NOTING DEVICE.

PLAN

BELOW GRADE WASHOUT STRUCTURE

NOT TO SCALE



NOTES:

1. ACTUAL LOCATION DETERMINED IN FIELD
2. THE CONCRETE WASHOUT STRUCTURES SHALL BE MAINTAINED WHEN THE LIQUID AND/OR SOLID REACHES 75% OF THE STRUCTURES CAPACITY TO PROVIDE ADEQUATE HOLDING CAPACITY WITH A MINIMUM 12 INCHES OF FREEBOARD.
3. CONCRETE WASHOUT STRUCTURE NEEDS TO BE CLEARLY MARKED WITH SIGNAGE NOTING DEVICE.

PLAN

ABOVE GRADE WASHOUT STRUCTURE

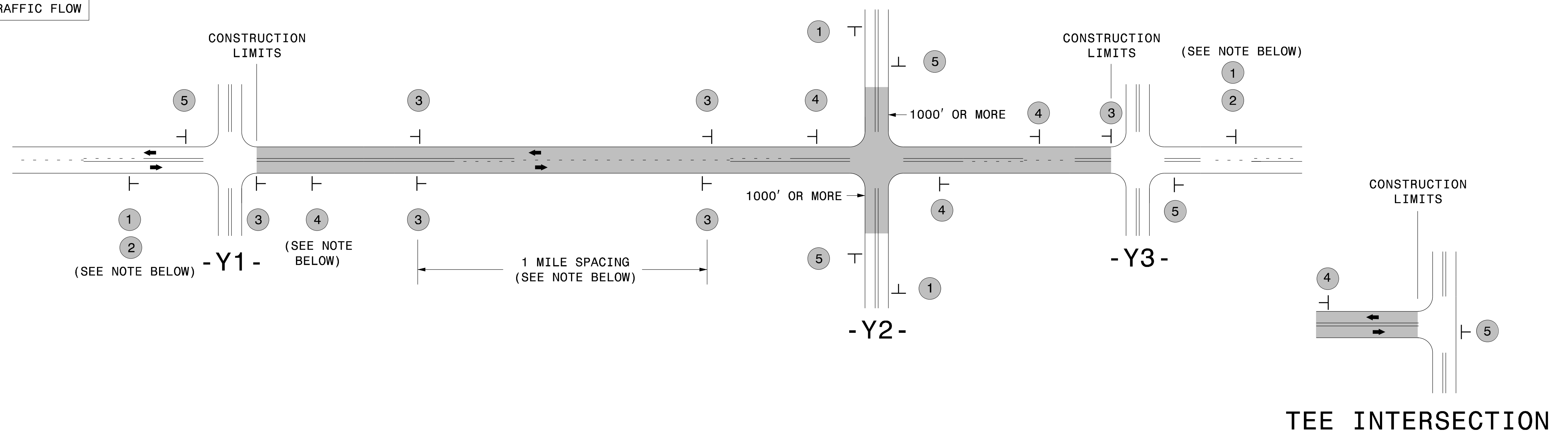
NOT TO SCALE

SIGNING FOR RESURFACING PROJECTS

LEGEND

┆ STATIONARY SIGN

← DIRECTION OF TRAFFIC FLOW



MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	1	 <small>W20-1 48" X 48"</small>	PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.
	2	 <small>W7-3aP 24" X 18"</small>	#2 SIGN ONLY USED WHEN CONSTRUCTION LIMITS ARE 2 OR MORE MILES IN LENGTH. ROUND UP TO NEXT WHOLE NUMBER. (NO FRACTIONAL OR DECIMAL NUMBERS)
	3	 <small>SP 13107 48" X 48"</small>	- PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACE 1 MILE APART THEREAFTER. - AT TEE INTERSECTIONS INSTALL INITIALLY 1/2 MILE FROM INTERSECTION AND SPACE 1 MILE APART THEREAFTER.
	4	 <small>SP 13106 48" X 48"</small>	- THESE ARE FOR -Y- LINES THAT ARE "THROUGH" ROADWAYS. - DEAD END AND SUBDIVISION ROADS ARE NOT "THROUGH" ROADWAYS. - INSTALL 500' +/- FROM EACH -Y- LINE APPROACH AS SHOWN ABOVE. - FOR MULTIPLE -Y- LINES THAT ARE SEPARATED BY 0.25 MILES OR LESS, TREAT AS A SINGLE UNIT AND INSTALL WITHIN 500' OF EACH APPROACH. - A MAXIMUM OF 2 SIGN SETS PER MILE. DO NOT INSTALL WHEN -Y- LINES ARE WITHIN 0.5 MILES FROM "END ROAD WORK" SIGN. - FOR TEE INTERSECTIONS, INSTALL WITHIN 500' +/- OF THE INTERSECTION ALONG -L- LINE.
	5	 <small>G20-2 A 48" X 24"</small>	PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS OR AS SHOWN WHEN WORK ENDS AT A 3-WAY TEE INTERSECTION.

NO REQUIRED STATIONARY SIGNING FOR THE FOLLOWING -Y- LINE CONDITIONS:

- 1) LESS THAN 1000' OF RESURFACING ALONG -Y- LINE
- 2) SUBDIVISION ROADS
- 3) DEAD END ROADS

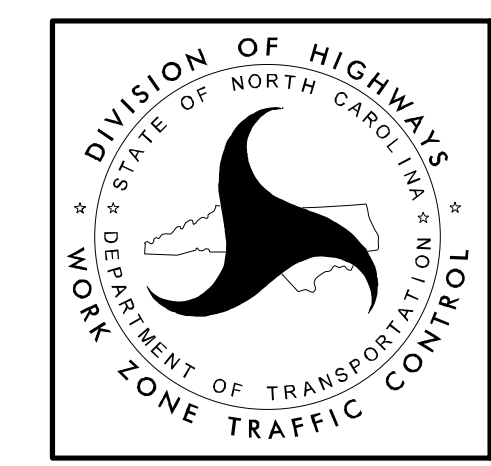
WHEN PAVING/CONSTRUCTION ACTIVITIES PROCEED ACROSS AN UNSIGNED -Y- LINE, PORTABLE ADVANCE WARNING SIGNS SHALL BE USED ALONG THE -Y- LINE AS SHOWN BELOW. REMOVE UPON COMPLETION OF WORK.

 <small>W20-1 48" X 48"</small> PLACED 500' IN ADVANCE OF FLAGGER.	 <small>W20-7 A 48" X 48"</small> PLACED 250' IN ADVANCE OF FLAGGER.
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THE ABOVE SIGNS ARE ALL THAT ARE REQUIRED FOR A CONTRACTOR TO BEGIN A RESURFACING CONTRACT. ANY ADDITIONAL SIGNS REQUESTED BY NCDOT DIVISIONS SHALL BE INSTALLED WITHIN 7 BUSINESS DAYS OF THE START OF CONTRACT WORK.

MAPS LESS THAN 2 MILES

FOR RESURFACING MAPS WITH CONSTRUCTION LIMITS LESS THAN 2 MILES IN LENGTH, NO STATIONARY SIGNS ARE REQUIRED. USE PORTABLE "ROAD UNDER CONSTRUCTION" OR "ROAD WORK AHEAD" SIGNS IN LIEU OF STATIONARY ADVANCE WARNINGS SIGNS.



ADVANCE WARNING SIGNS FOR RURAL AND SUBURBAN 2-LANE ROADWAY RESURFACING