

**This electronic collection of documents is provided
for the convenience of the user
and is Not a Certified Document –**

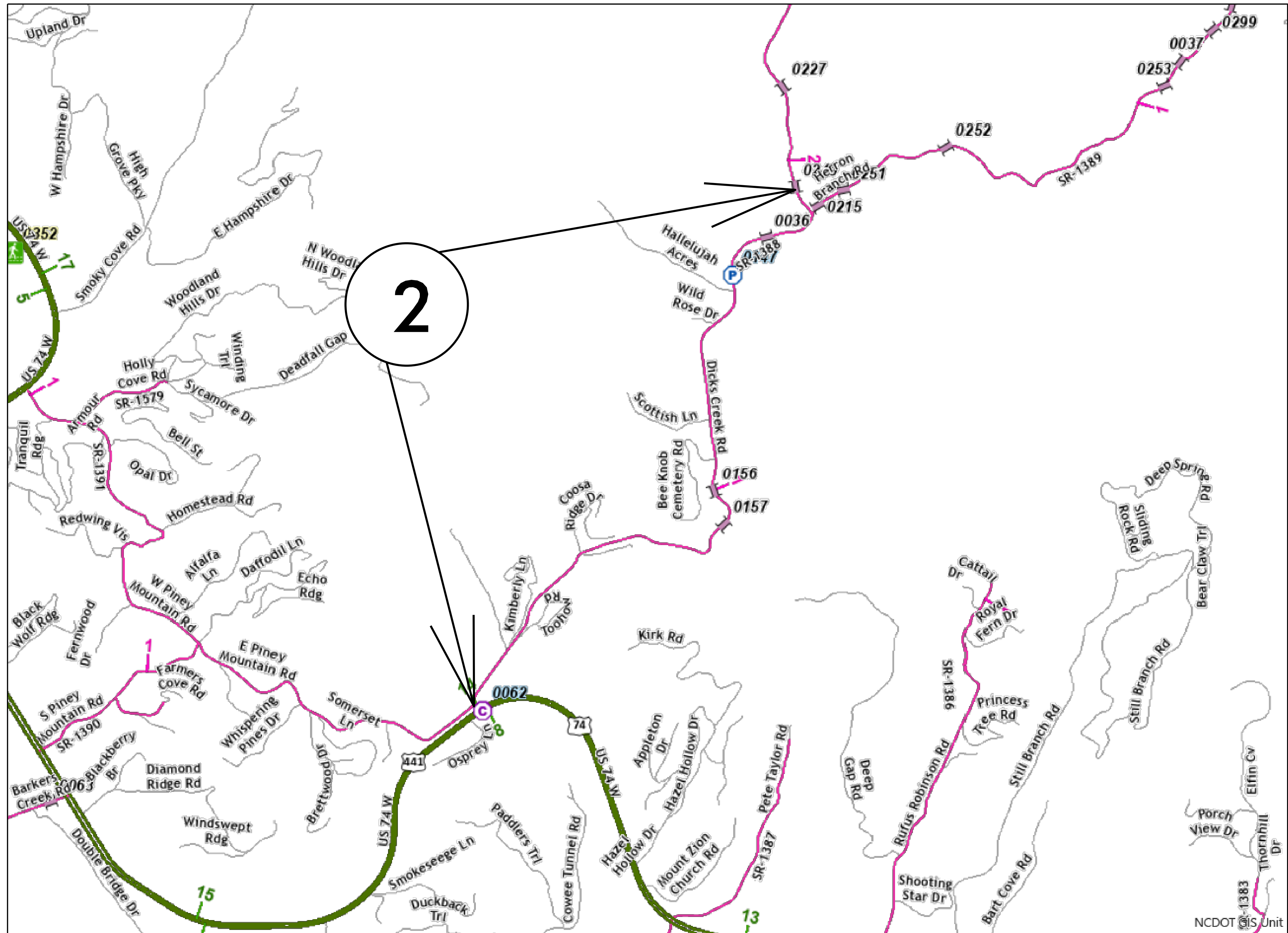
**The documents contained herein were originally issued
and sealed by the individuals whose names and license
numbers appear on each page, on the dates appearing
with their signature on that page.**

**This file or an individual page
shall not be considered a certified document.**

09/08/09

JACKSON COUNTY

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	2024CPT.14.06.20501	2	
STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION	



MAP 2



BEG

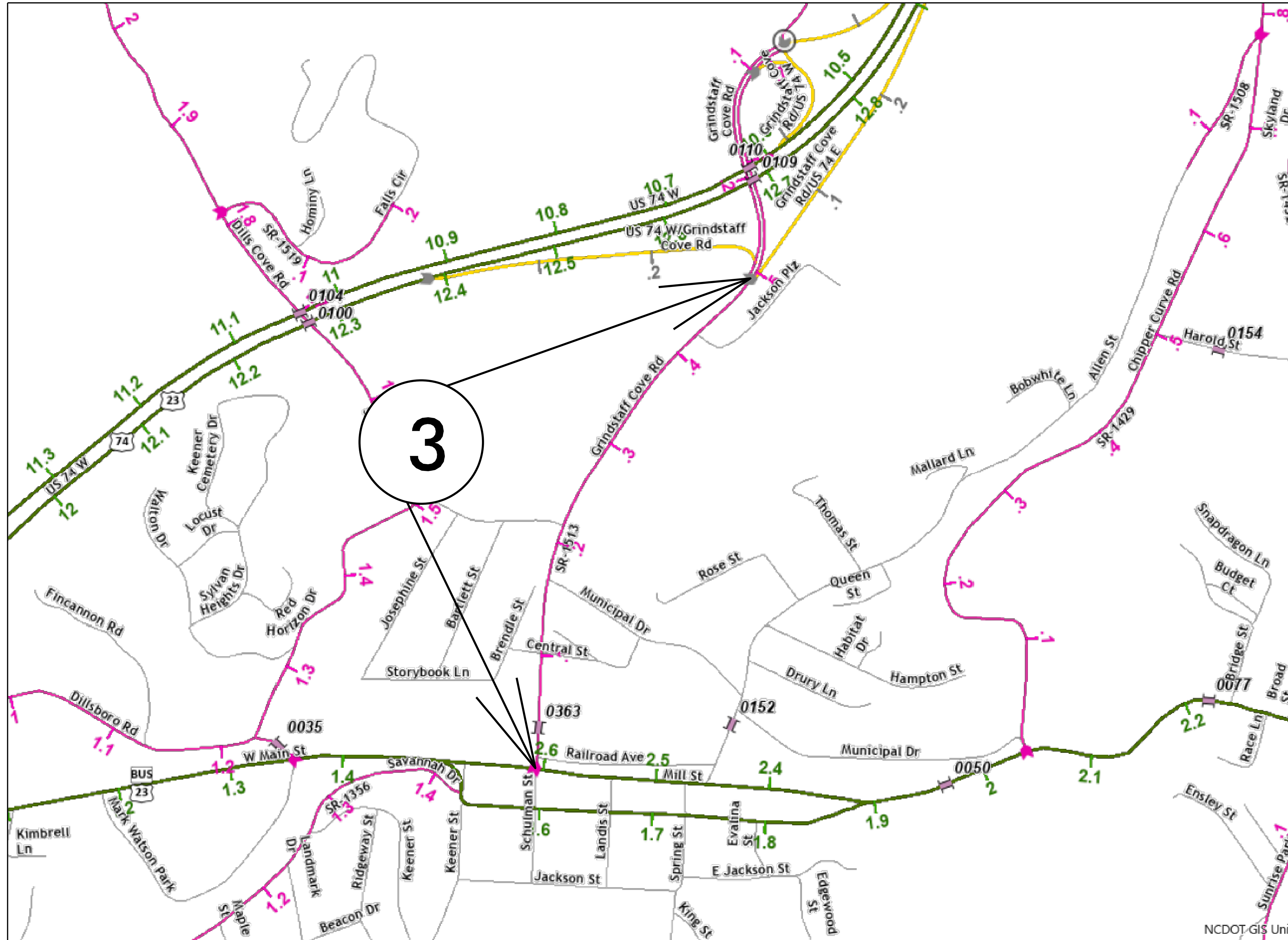


END

CONTRACT: DN01043

JACKSON COUNTY

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	2024CPT.14.06.20501	3	
STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION	



MAP 3



BEG

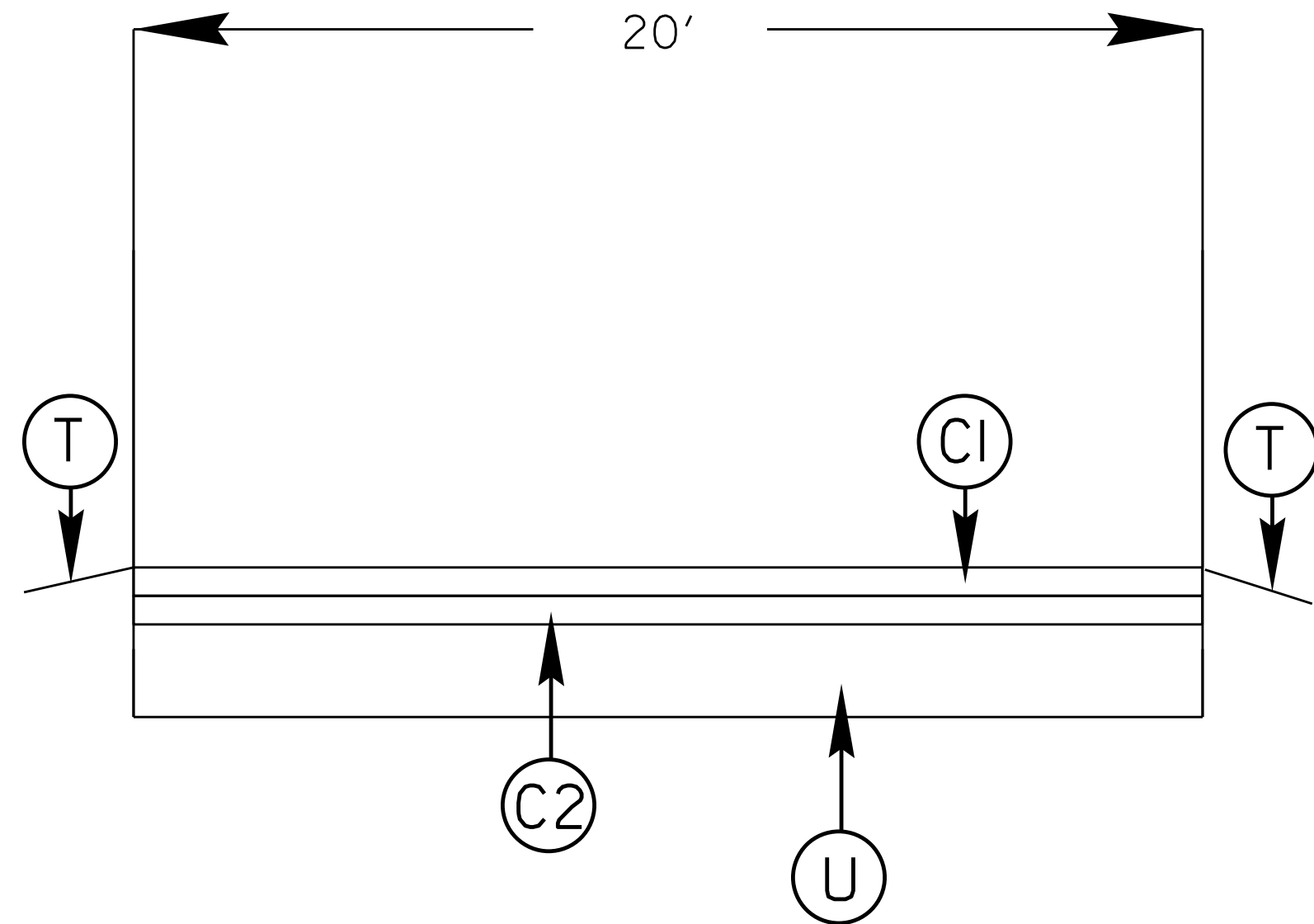


END

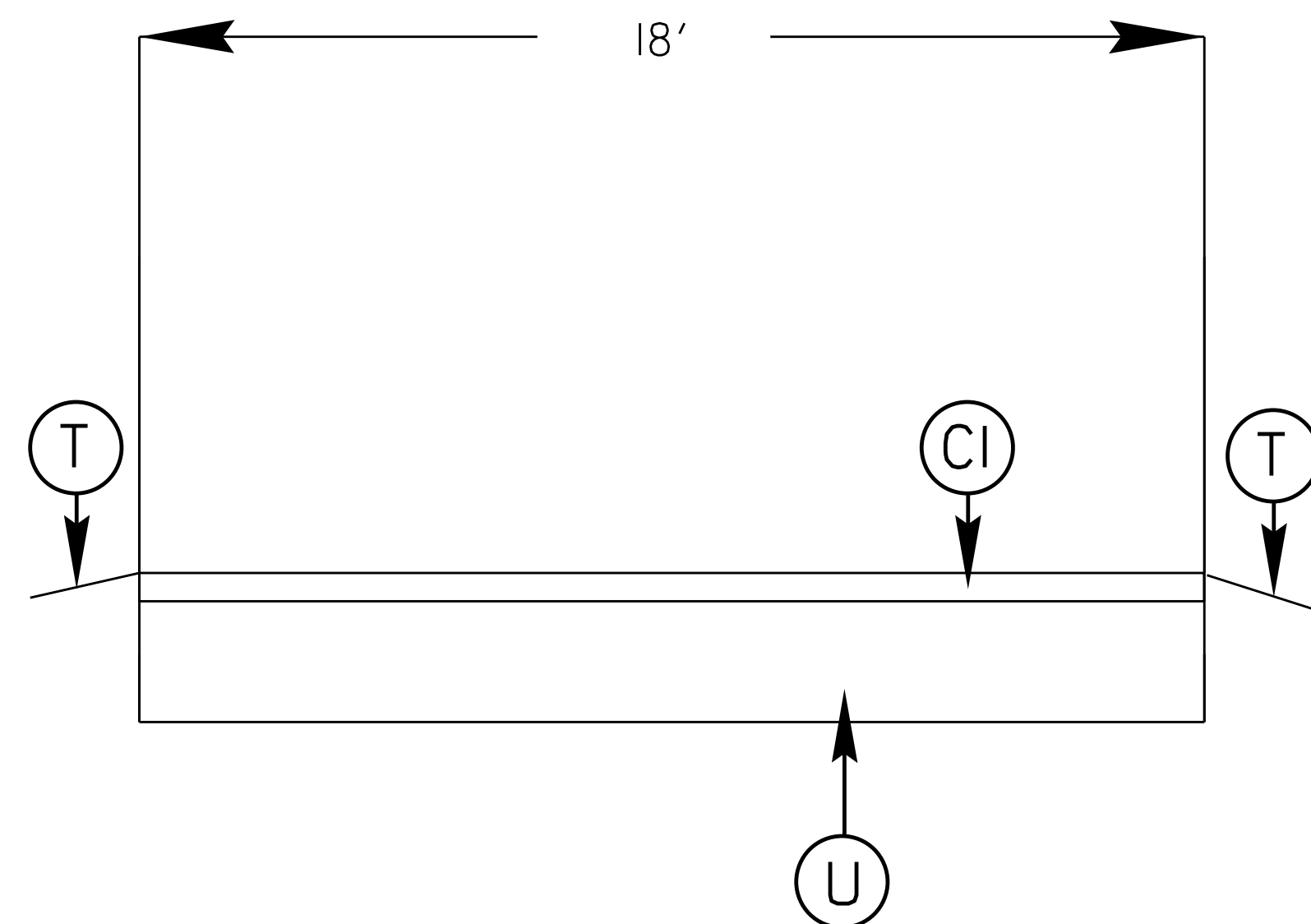
CONTRACT: DN01043

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	2024CPT.14.06.20501	4	
STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION	

TYPICAL 1



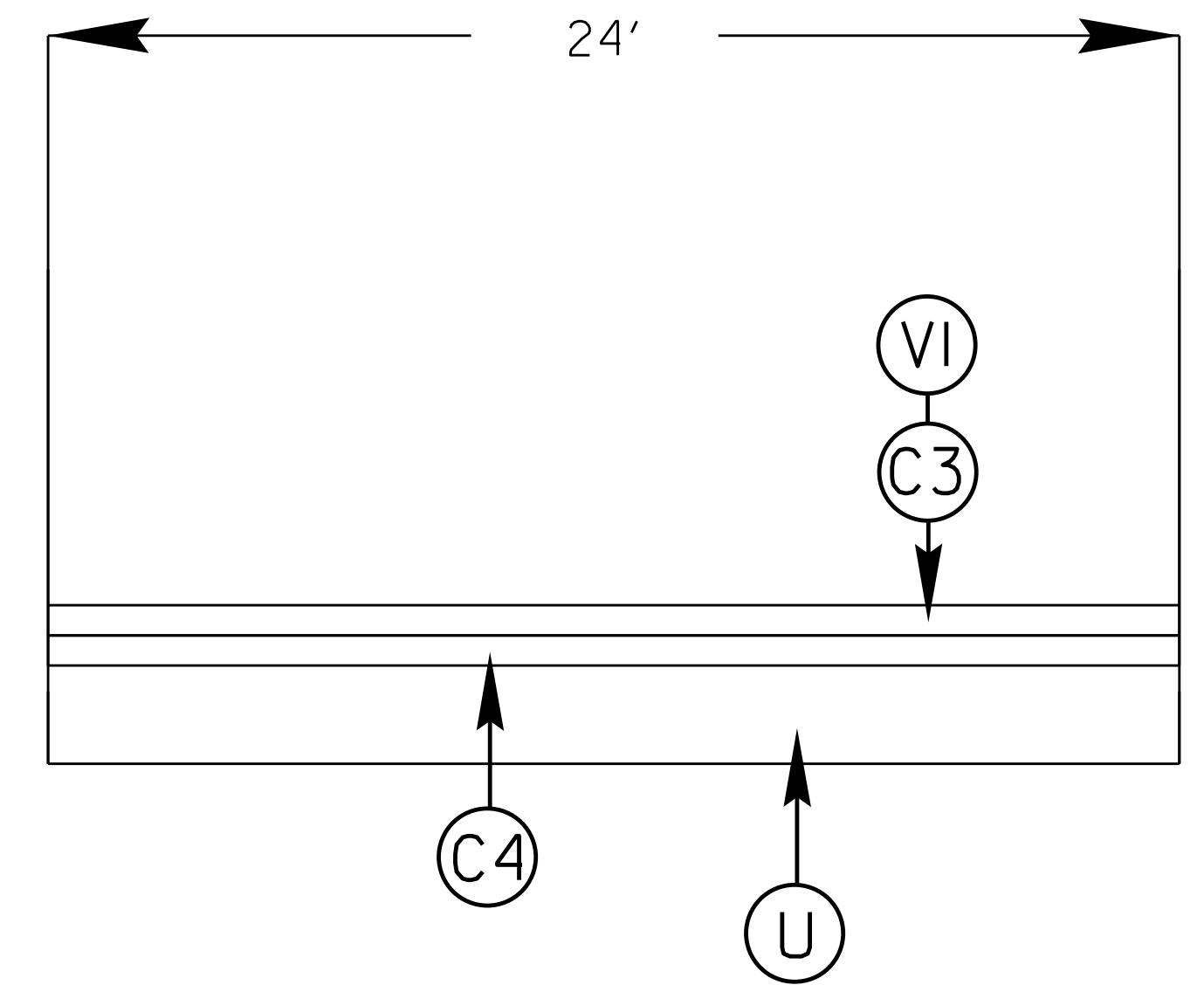
TYPICAL 2



SURFACING SCHEDULE

C1	PROP. APPROX. 1.25" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 138 LBS. PER SQ. YD.
C2	PROP. APPROX. 1" ASPHALT CONCRETE SURFACE COURSE, (LEVELING) TYPE S9.5B, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD.
C3	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C4	PROP. APPROX. 2.5" ASPHALT CONCRETE BASE COURSE, TYPE I19.0C AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
T	SHOULDER RECONSTRUCTION
U	EXISTING PAVEMENT
V1	MILLED ASPHALT PAVEMENT 4" IN DEPTH IN DISTRESSED AREAS AS DIRECTED BY THE ENGINEER

TYPICAL 3



Bridge Milling Table

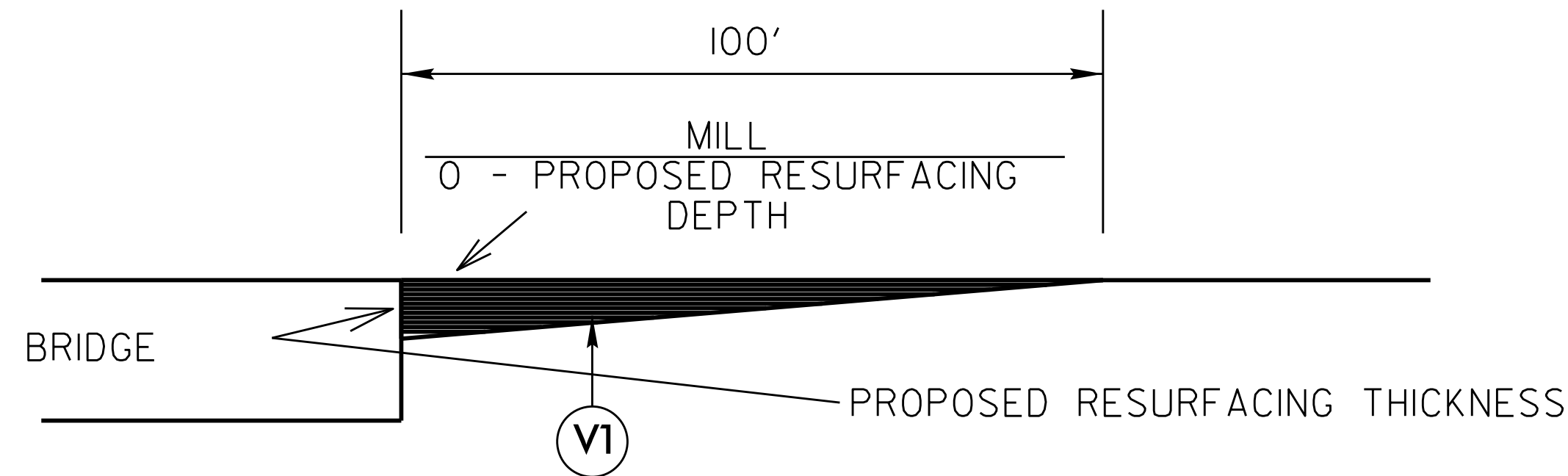
Map #	Route No.	Road Name	County	Structure No.	Posted SV (Tons)	Posted TTST (Tons)	Mill Across Bridge	Pave Across Bridge
2	SR 1388	Dicks Creek Rd	Jackson	*490157	11	18	N/A	Yes
2	SR 1388	Dicks Creek Rd	Jackson	490157	99	99	N/A	Yes
2	SR 1388	Dicks Creek Rd	Jackson	490157	34	41	N/A	Yes
2	SR 1388	Dicks Creek Rd	Jackson	*490157	18	26	N/A	Yes
3	SR 1513	Grindstaff Cove Rd	Jackson	490363	99	99	No	Yes

* 1.25 Surface Course Only

CONTRACT: DN01043

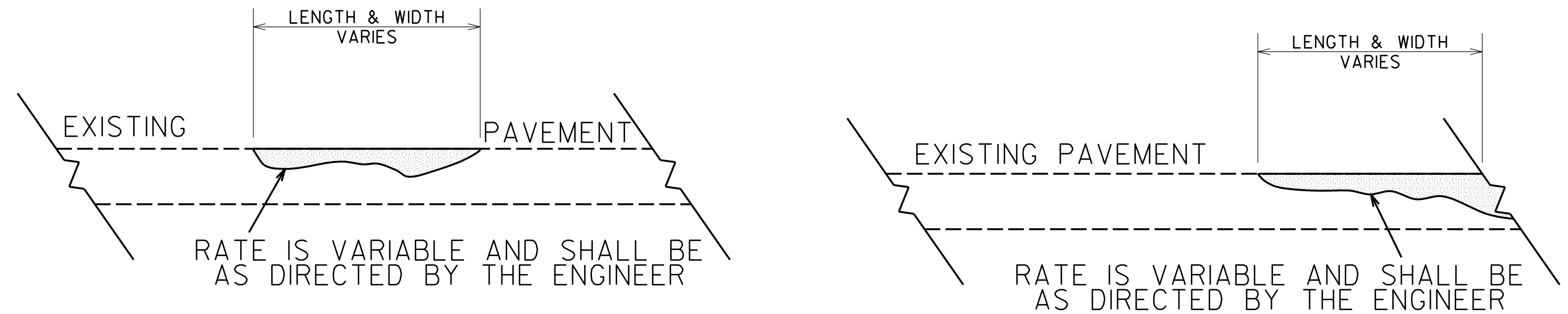
09/08/09

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	2024CPT.14.06.20501	5	
STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION	



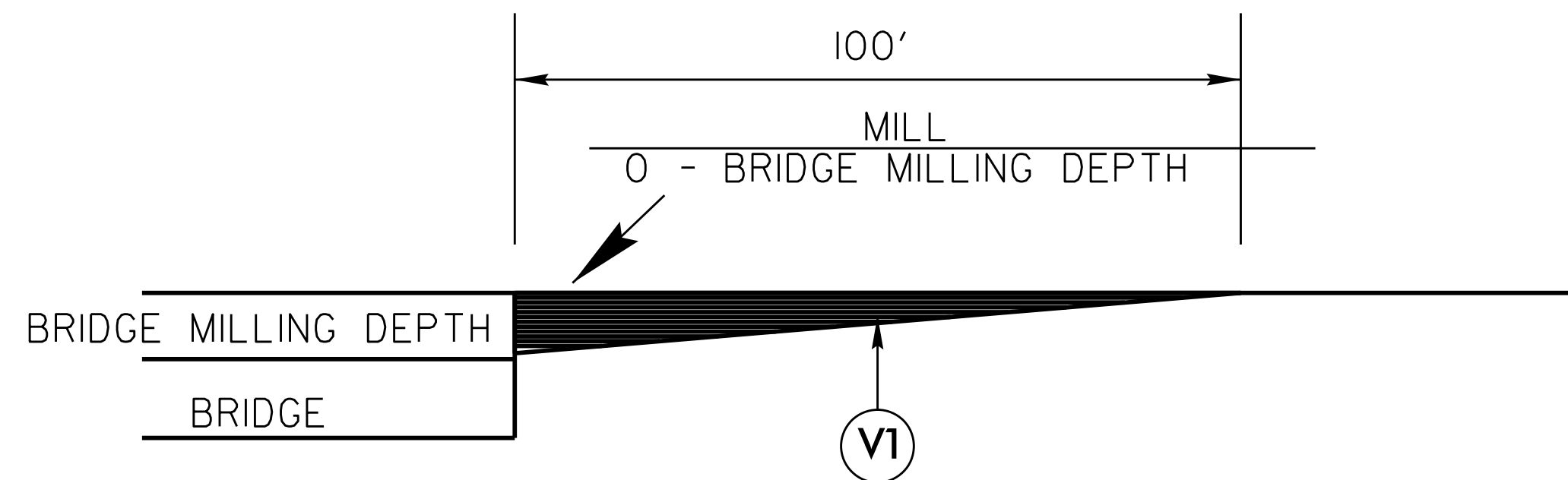
MILLING DETAIL AT BRIDGE APPROACHES

**WHERE BRIDGES WILL NOT BE RESURFACED.
THIS WILL BE PAID FOR AS 0"- 1 1/2" MILLING.**



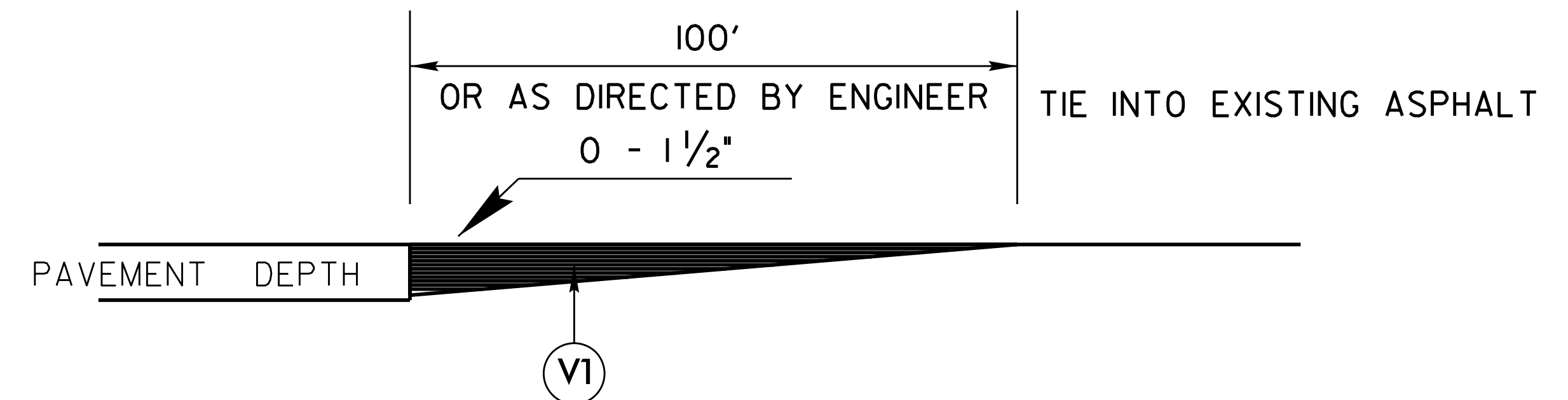
DETAIL SHOWING METHOD OF WEDGING

***PROPOSED WEDGE COURSE* (114 LBS PER SQ YARD PER 1" DEPTH)**



MILLING DETAIL AT BRIDGE APPROACHES

**WHERE BRIDGES WILL BE MILLED THEN RESURFACED.
THIS WILL BE PAID FOR AS 0"- 1 1/2" MILLING.**



DETAIL TO TIE INTO EXIST PAVEMENT

**THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE FACT THAT HE WILL BE REQUIRED TO MILL THE EXISTING ASPHALT PAVEMENT TO ENSURE A PROPER TIE-IN WITH THE EXISTING SURFACE AT THE BEGINNING, END AND Y LINES OF EACH MAP.
THIS WILL BE PAID FOR AS 0-1 1/2" MILLING.**

CONTRACT: DN01043

09/08/09

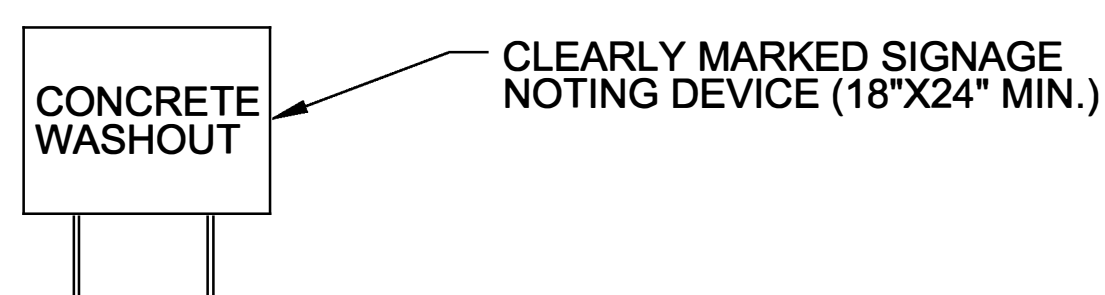
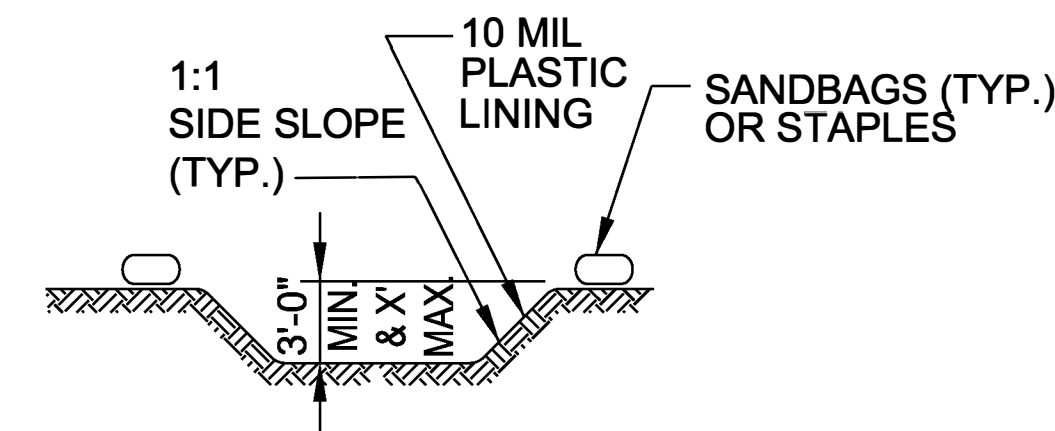
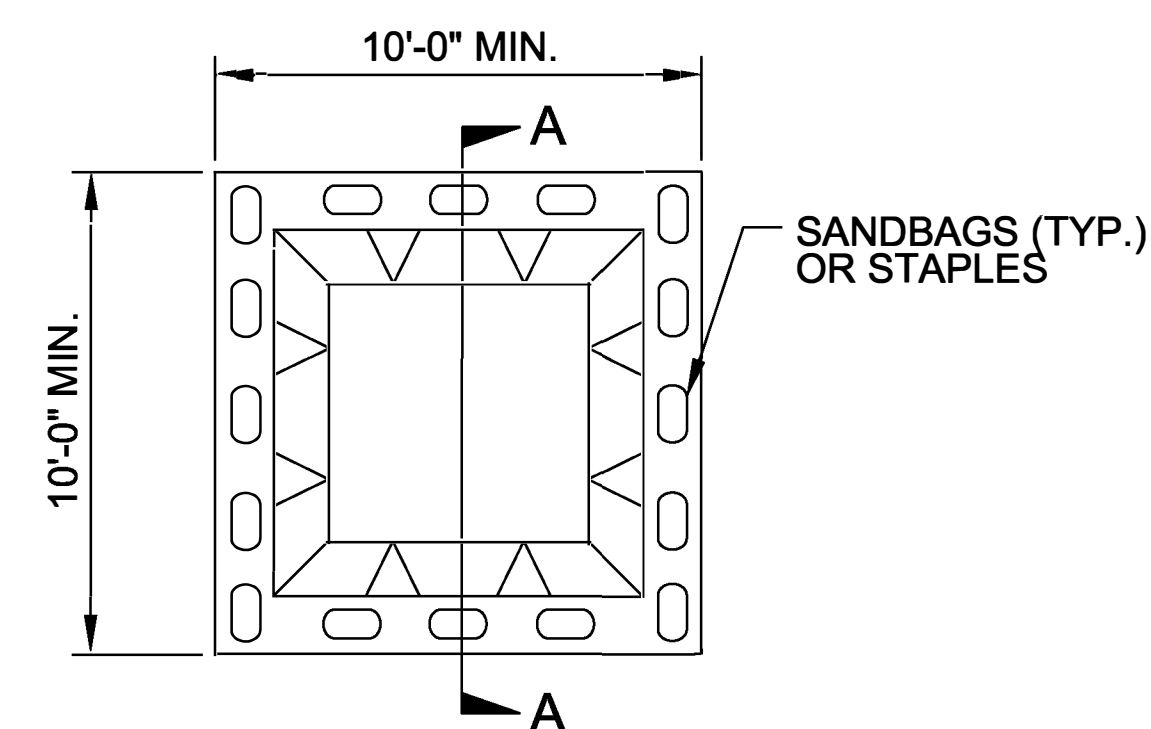
PROJECT NO.	SHEET NO.	TOTAL NO.
2024CPT.14.06.20501	6	

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	BEGIN MP	END MP	1245000000-E	1297000000-E	1330000000-E	1503000000-E	1519000000-E	1520000000-E	1523000000-E	1575000000-E	1704000000-E	2613000000-N	2830000000-N	4600000000-N		6000000000-E	6029000000-E	6117500000-N	7444000000-E	7456000000-E			
														SHOULDER RECONSTRUCTION	4" MILLING	INCIDENTAL MILLING	INTERMEDIATE COURSE, 119.0C	SURFACE COURSE, S9.5B	LEVELING COURSE, S9.5B	SURFACE COURSE, S9.5C	ASPHALT BINDER FOR PLANT MIX	PATCHING EXISTING PAVEMENT	REMOVE AND REPLACE CURB RAMPS	ADJ. OF MANHOLES	AUDIBLE WARNING DEVICE	TEMPORARY CURB RAMP	TEMPORARY SILT FENCE	SAFETY FENCE	CONCRETE WASHOUT STRUCTURE	INDUCTIVE LOOP	LEAD-IN CABLE			
														SMI	SY	SY	TONS	TONS	TONS	TONS	TONS	TONS	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA		
2024CPT.14.06.20501	Jackson	1	SR-1442 / KITCHENS BRANCH RD	FROM SR 1522 TO 1.01	1	2	2WU	NO	NO	1.01	20	0	1.01	2.02				1,118	772		149	545												
TOTAL FOR MAP NO. 1														2.02			1,118	772		149	545													
2024CPT.14.06.20501	Jackson	2	SR-1388 / DICKS CREEK RD	FROM US 74 TO EOP	2	2	2WU	NO	NO	1.97	18	0	1.97	4.00				1,562			112	214												
TOTAL FOR MAP NO. 2														4.00			1,562			112	214													
2024CPT.14.06.20501	Jackson	3	SR-1513 / GRINDSTAFF COVE RD	FRM US 23 BUS (MILL ST) T ON RAMP US 74 EAST	3	2	2WU	NO	NO	0.5	24	0	0.5		9,085	200	1,333			786	110		6	2	1	1	25	25	1	205	10			
TOTAL FOR MAP NO. 3														0.5					9,085	200	1,333		786	110		6	2	1	1	25	25	1	205	10
TOTAL FOR PROJ NO. 2024CPT.14.06.20501														6.02			2,680		9,085	200	1,333		786	110		6	2	1	1	25	25	1	205	10
GRAND TOTAL														3.48			2,680		9,085	200	1,333		786	110		6	2	1	1	25	25	1	205	10

PROJECT REFERENCE NO.	SHEET NO.
2024CPT.14.06.20501	8
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

ONSITE CONCRETE WASHOUT STRUCTURE WITH LINER



SECTION A-A

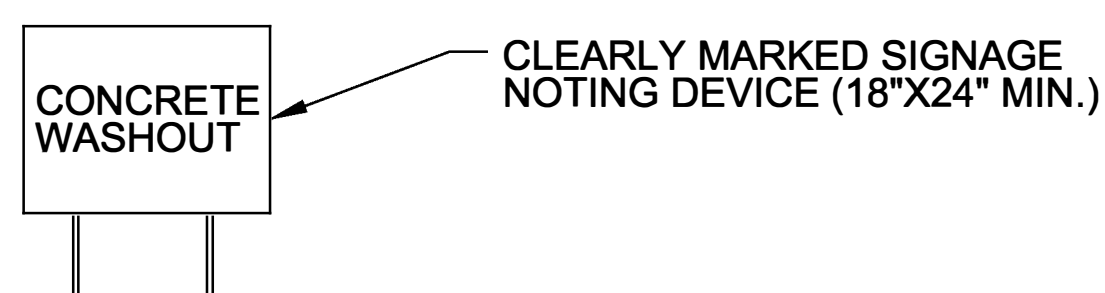
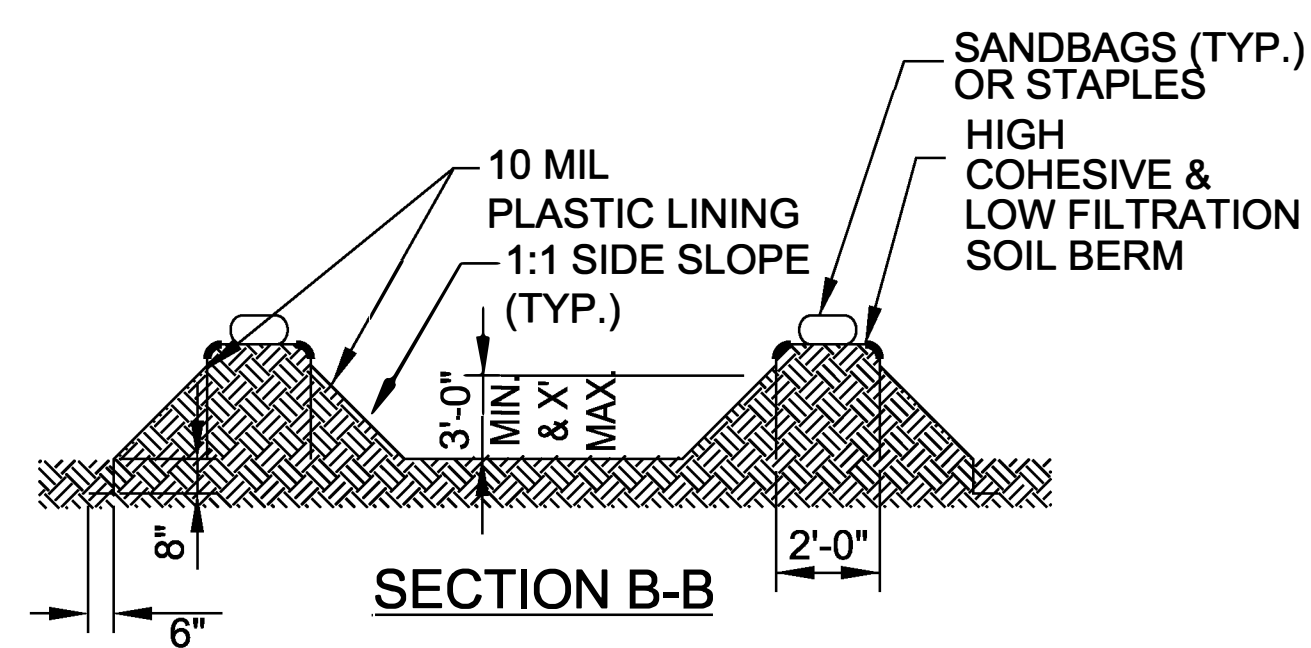
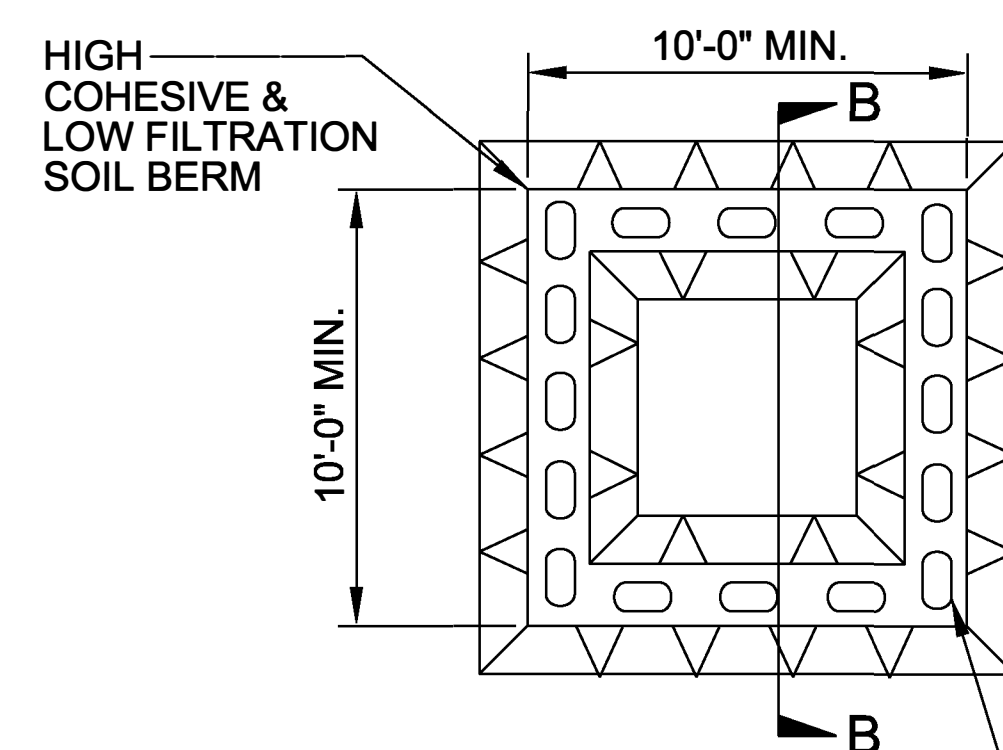
NOTES:

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

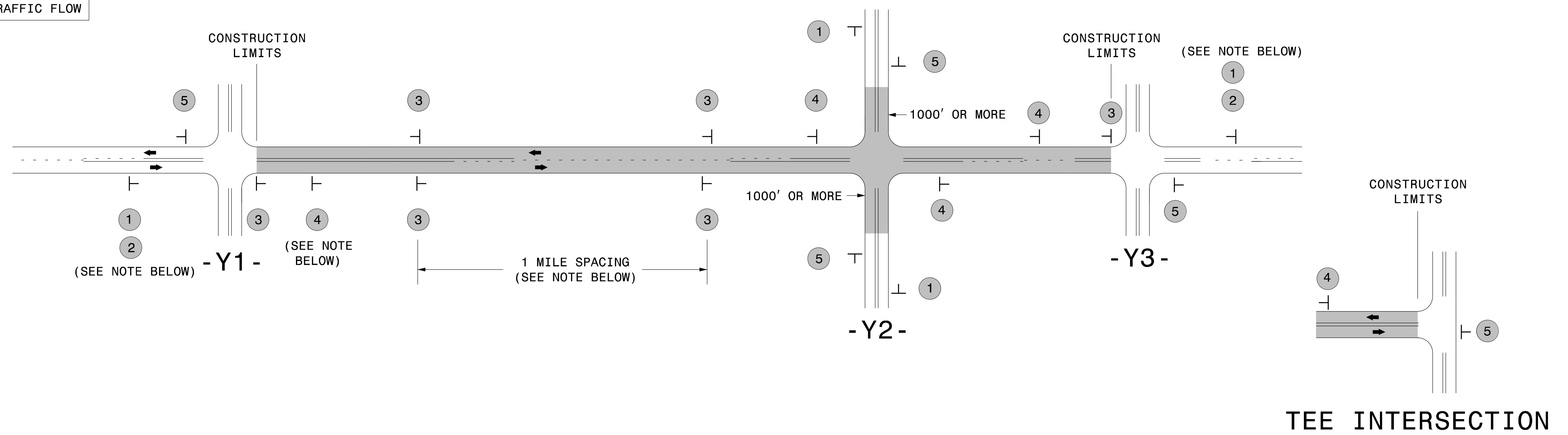
NOT TO SCALE

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

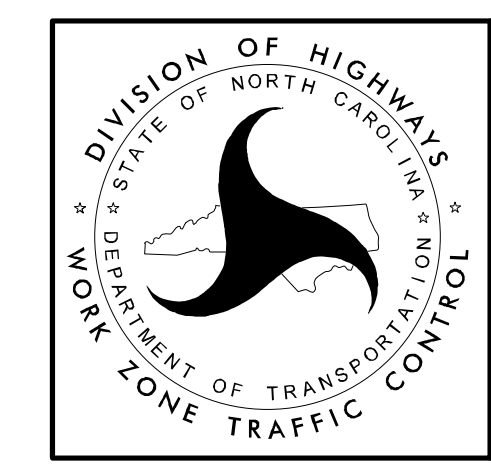
WHEN PAVING/CONSTRUCTION ACTIVITIES PROCEED ACROSS AN UNSIGNED -Y- LINE, PORTABLE ADVANCE WARNING SIGNS SHALL BE USED ALONG THE -Y- LINE AS SHOWN BELOW. REMOVE UPON COMPLETION OF WORK.

 <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.
--	--

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