



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

ROY COOPER  
GOVERNOR

J. ERIC BOYETTE  
SECRETARY

December 11, 2020

CONTRACT: DB00493  
WBS ELEMENT: 2021CPT.02.10.10541  
COUNTY: LENOIR  
ROUTE: NC 11  
DESCRIPTION: MILLING AND RESURFACING ON NC 11 IN LENOIR  
COUNTY

**ADDENDUM 1**

TO: PROSPECTIVE BIDDERS

Please note the following revisions to the proposal.

- Incidental Milling added as Line Item 11 on Itemized Proposal page.
- Revision to the project plans adding Incidental Milling to page 3.
- Please see the attached page A1-A8
- A revised electronic file has been uploaded to bid express named DB00493.001.

**Please make sure to sign the addendum page in the proposal to acknowledge this addendum.**

**Due to COVID-19, I am working remotely. If you need to contact me, please email at [mmoore@ncdot.gov](mailto:mmoore@ncdot.gov).**

Sincerely,

DocuSigned by:  
*Mary Voelker Moore*  
714C11DCCEBC4C6...

Mary Voelker Moore, PE  
Division Contract Engineer

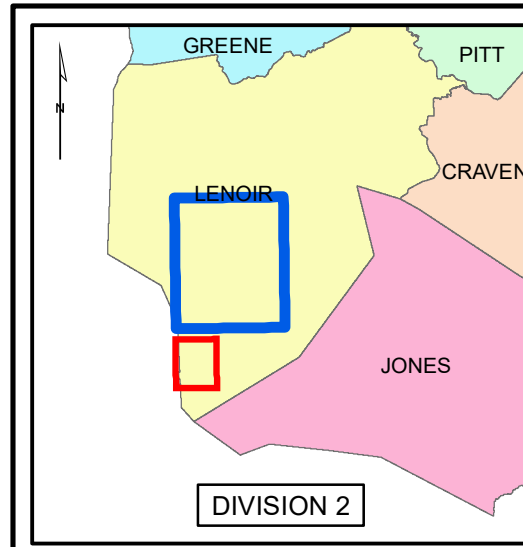
cc: Mr. Jeremy Stroud, PE  
Ms. Mary Beth Houston, PE  
Mr. Cadmus Capehart, PE  
Ms. Heather Lane, PE  
Mr. Aaron Bullard, PE  
Mr. Jeff Cabaniss, PE

County : Lenoir

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
<b>ROADWAY ITEMS</b>						
0001	0000100000-N	800	MOBILIZATION	Lump Sum	L.S.	
0002	1220000000-E	545	INCIDENTAL STONE BASE	300 TON		
0003	1297000000-E	607	MILLING ASPHALT PAVEMENT, **** DEPTH 1½" MILLING	223,221 SY		
0004	1297000000-E	607	MILLING ASPHALT PAVEMENT, **** DEPTH 3" MILLING	1,250 SY		
0005	1523000000-E	610	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	21,080 TON		
0006	1575000000-E	620	ASPHALT BINDER FOR PLANT MIX	1,265 TON		
0007	2830000000-N	858	ADJUSTMENT OF MANHOLES	1 EA		
0008	2845000000-N	858	ADJUSTMENT OF METER BOXES OR VALVE BOXES	1 EA		
0009	4413000000-E	SP	WORK ZONE ADVANCE/GENERAL WARNING SIGNING	1,480 SF		
0010	4457000000-N	SP	TEMPORARY TRAFFIC CONTROL	Lump Sum	L.S.	
11	1330000000-E	607	INCIDENTAL MILLING	25,000 SY		

0722/Dec11/Q273600.0/D22787100000/E11

Total Amount Of Bid For Entire Project :



# LENOIR COUNTY

## DB00493

### WBS# 2021CPT.02.10.10541

PROJECT REFERENCE NO.	SHEET NO.
DB00493	1

**LOCATIONS:**

MAP 1: NC-11 (MP 0.00 - 1.32)

MAP 2: NC-11 (MP 1.32 - 1.87)

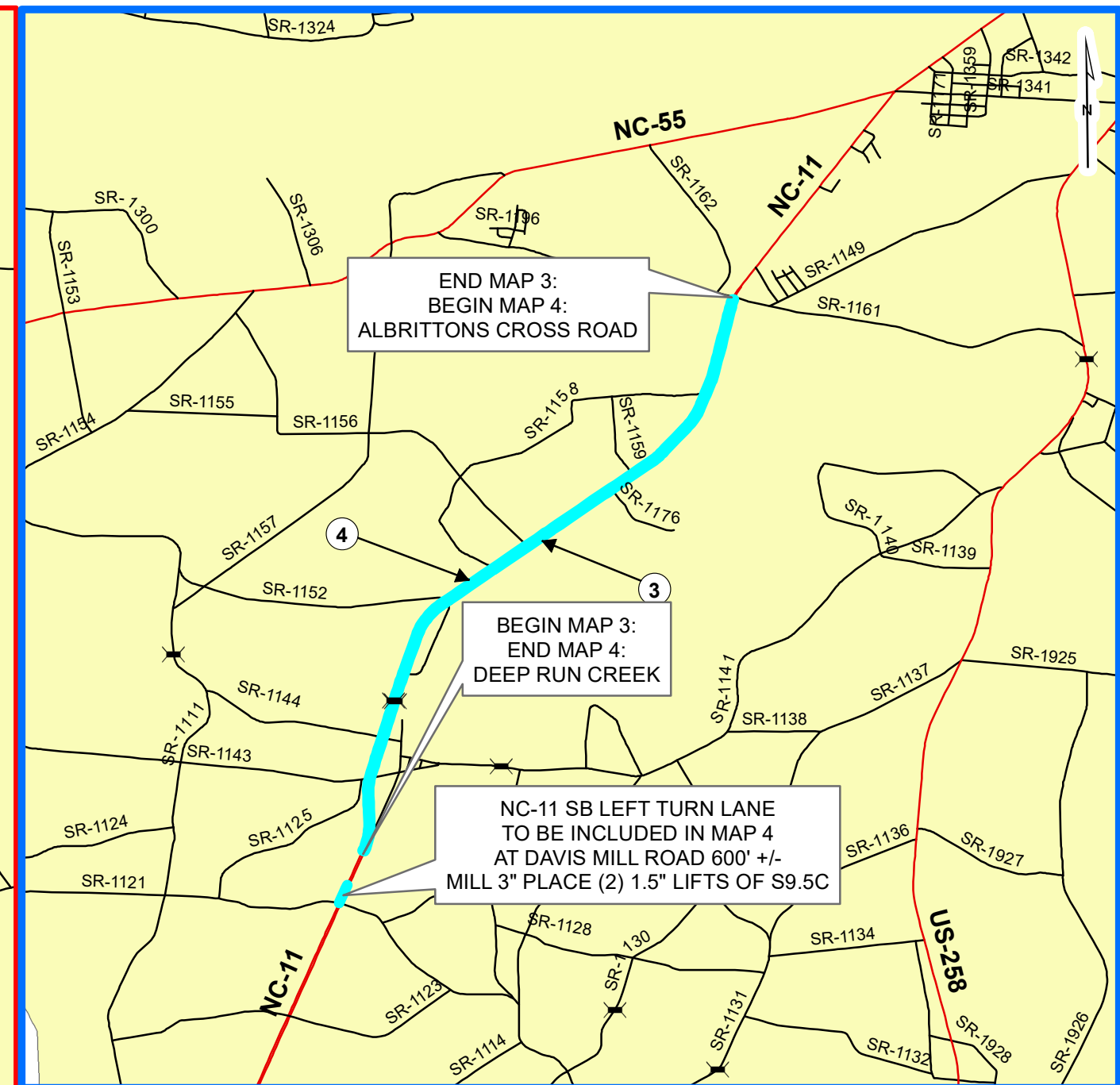
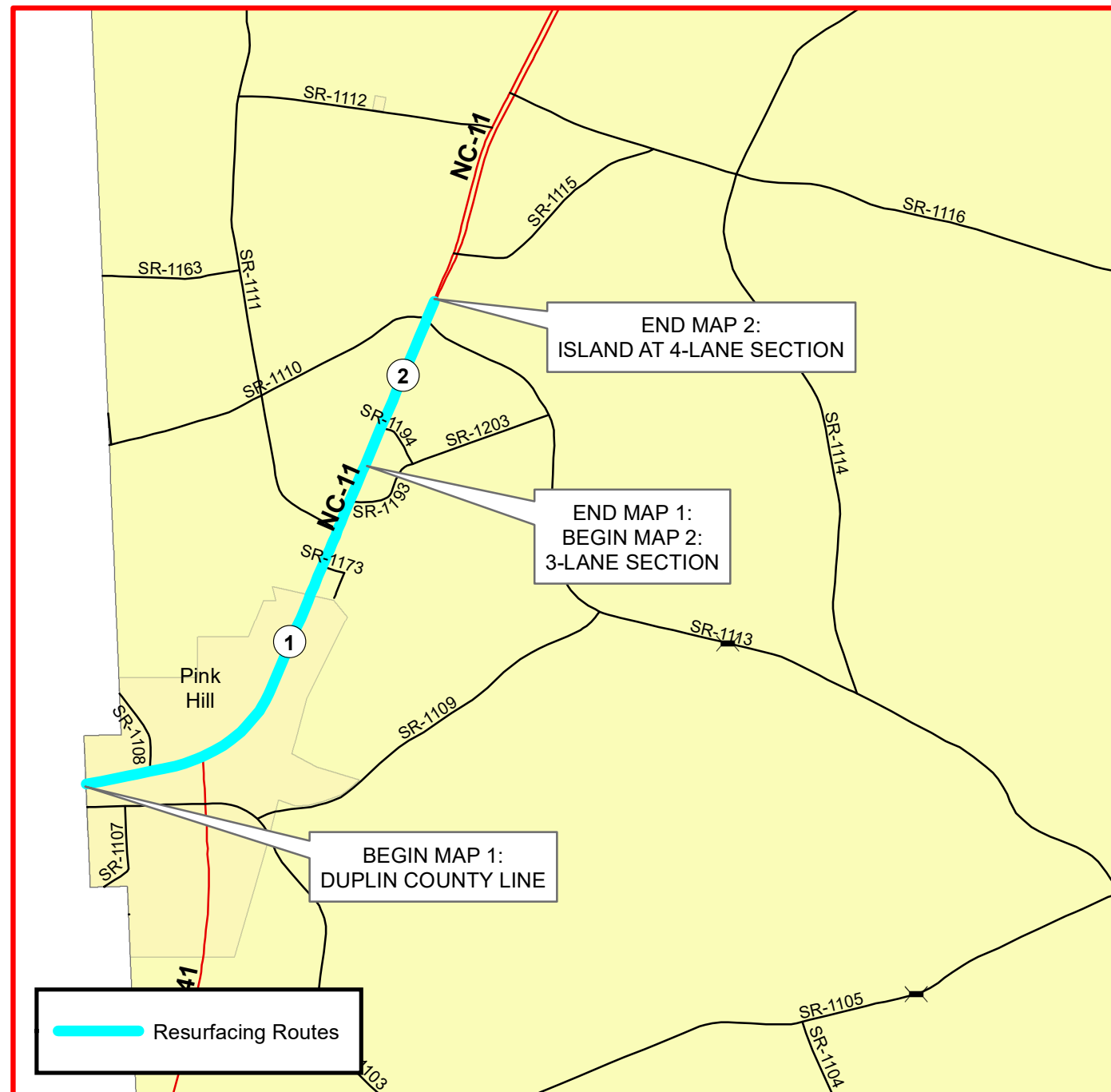
MAP 3: NC-11 NB (MP 5.75 - 11.30)

MAP 4: NC-11 SB (MP 23.94 - 18.38) AND NC-11 SB LEFT TURN LANE AT DAVIS MILL ROAD

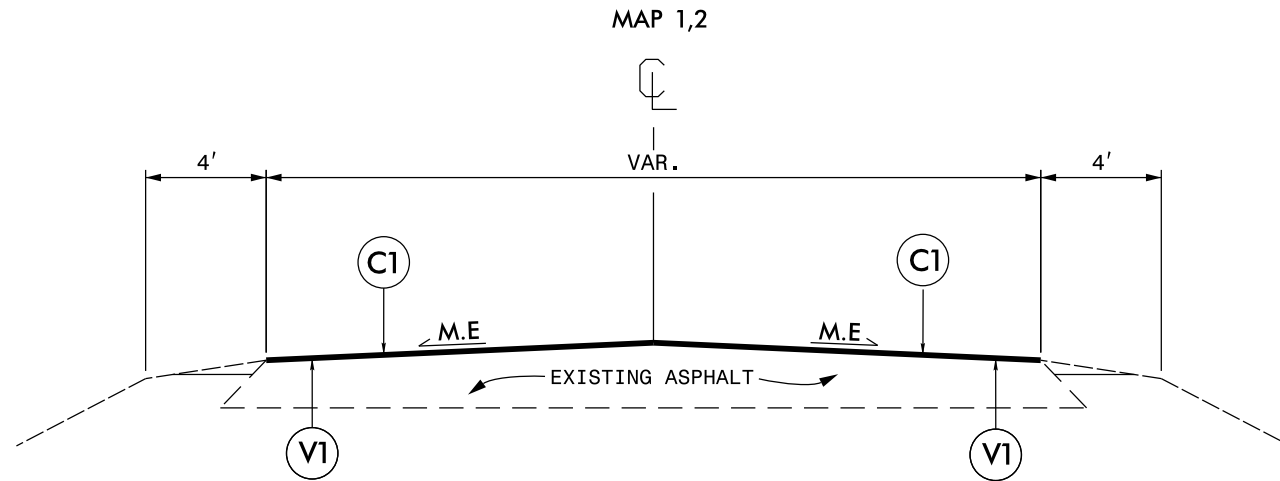
**TYPE OF WORK: MILLING, RESURFACING**



**NCDOT**  
DIVISION 2



### TYPICAL SECTION NO. 1



**NOTE:**

1. INCLUDED 1.5" MILLING FOR THE ENTIRE WIDTH OF THE ROADWAY, AS DIRECTED BY THE ENGINEER.
2. PLACE ASPHALT SURFACE COURSE AT FULL WIDTH OF EXISTING ASPHALT PAVEMENT, AS DIRECTED BY THE ENGINEER.

### PAVEMENT SCHEDULE

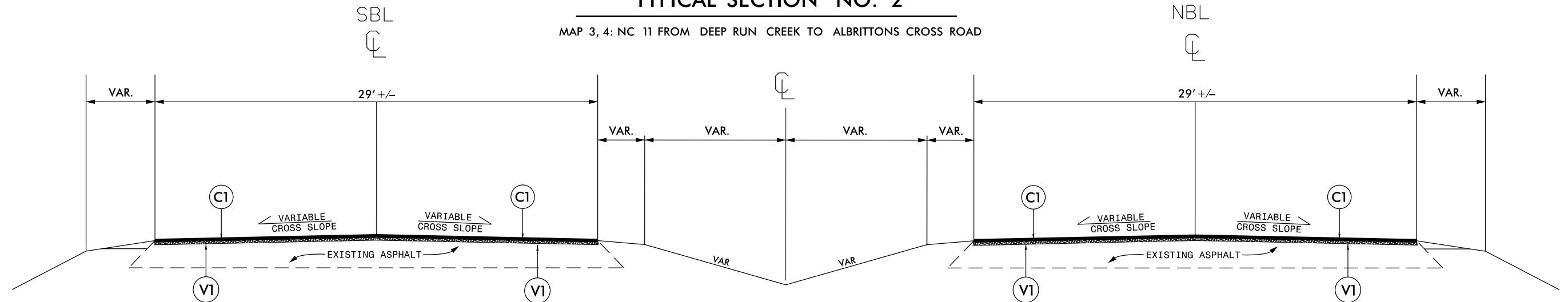
C1	PROP. APPROX. 1 1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C2	PROP. APPROX. 3" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, IN TWO LIFTS AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD. PER LIFT
V1	1 1/2" INCH MILLING FOR THE ENTIRE WIDTH OF ROADWAY.
V2	3 INCH DEPTH MILLING

**DRAWINGS NOT TO SCALE**

NOTE: PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE.

### TYPICAL SECTION NO. 2

MAP 3, 4: NC 11 FROM DEEP RUN CREEK TO ALBRITTONS CROSS ROAD



**NOTE:**

1. INCLUDED 1.5" MILLING FOR THE ENTIRE WIDTH OF THE ROADWAY, AS DIRECTED BY THE ENGINEER.
2. PLACE ASPHALT SURFACE COURSE AT FULL WIDTH OF EXISTING ASPHALT PAVEMENT, AS DIRECTED BY THE ENGINEER.
3. NC-11 SOUTHBOUND LEFT TURN LANE AT DAVIS MILL ROAD TO BE INCLUDED IN MAP 4, V2: MILL 3", AND FILL WITH C2: (2) 1.5" LIFTS OF S9.5C.

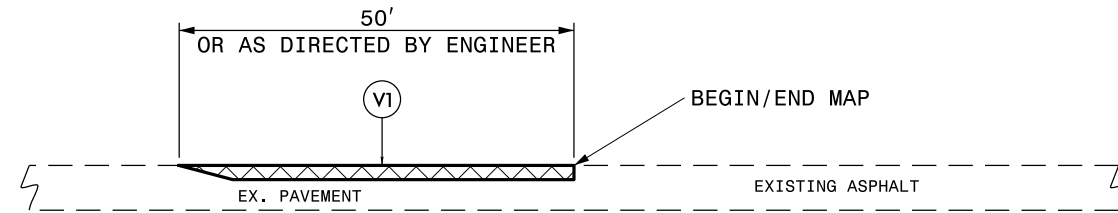


PROJECT NO.	SHEET NO.	TOTAL NO.
DB00493	4	

## TRAFFIC CONTROL

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	4413000000-E	4457000000-N
								MI	FT	WORK ZONE ADVANCE/GENERAL WARNING SIGNING SF	TEMPORARY TRAFFIC CONTROL LS
2021CPT.02.10.10541	Lenoir	1	NC-11 (MP 0.0 TO 1.32)	DUPLIN COUNTY LINE TO THE 3-LANE SECTION	1	2	2WU	1.32	25	150	0.09
<b>TOTAL FOR MAP NO. 1</b>								<b>1.32</b>		<b>150</b>	<b>0.09</b>
2021CPT.02.10.10541	Lenoir	2	NC-11 (MP 1.32 TO 1.87)	BEGIN 3-LANE SECTION TO ISLAND BEGIN 4-LANE SECTION	1	3	2WU	0.55	46	80	0.05
<b>TOTAL FOR MAP NO. 2</b>								<b>0.55</b>		<b>80</b>	<b>0.05</b>
2021CPT.02.10.10541	Lenoir	3	NC-11 NORTHBOUND (MP 5.75 TO 11.30)	DEEP RUN CREEK TO ALBRITTONS	2	2	MD	5.55	29	625	0.43
<b>TOTAL FOR MAP NO. 3</b>								<b>5.55</b>		<b>625</b>	<b>0.43</b>
2021CPT.02.10.10541	Lenoir	4	NC-11 SOUTHBOUND (MP 23.94 TO 18.38)	ALBRITTONS TO DEEP RUN CREEK	2	2	MD	5.56	29	625	0.43
<b>TOTAL FOR MAP NO. 4</b>								<b>5.56</b>		<b>625</b>	<b>0.43</b>
<b>TOTAL FOR PROJ NO. 2021CPT.02.10.10541</b>								<b>12.98</b>		<b>1,480</b>	<b>1</b>
<b>GRAND TOTAL</b>								<b>12.98</b>		<b>1,480</b>	<b>1</b>

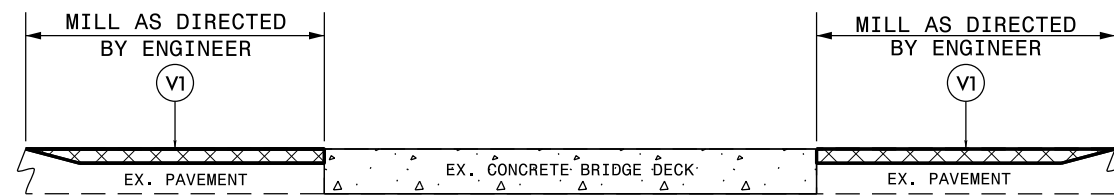
# MILLING TYPICALS



**DETAIL 1**  
BEGIN/END MAP TIE-IN

**NOTE:**

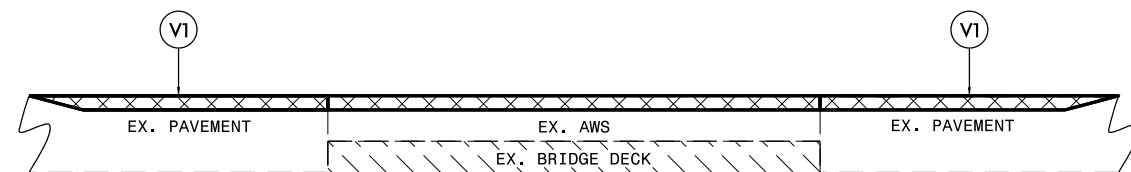
- MILLING SHALL BE PERFORMED AT MAIN LINE TIE-INS AND Y-LINE TIE-INS AS DIRECTED BY THE ENGINEER, IN ACCORDANCE WITH THIS DETAIL.



**DETAIL 2**  
BRIDGE MILLING

**NOTE:**

- MILLING SHALL BE PERFORMED AT THE BRIDGE APPROACHES AS DIRECTED BY THE ENGINEER, IN ACCORDANCE WITH THIS DETAIL.

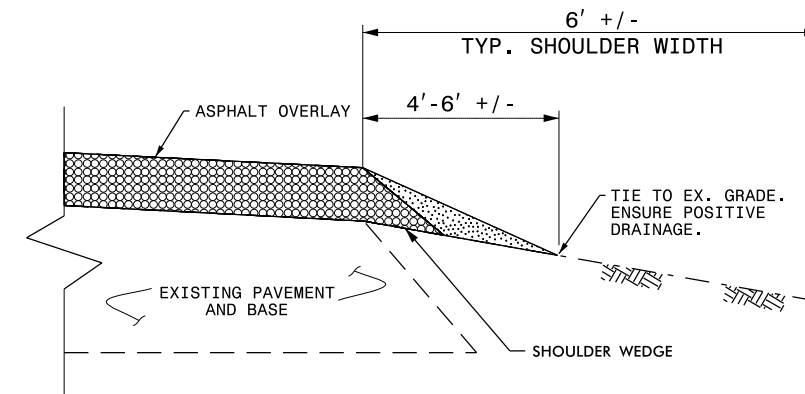


**DETAIL 3**  
BRIDGE MILLING

**NOTE:**

- INCLUDES MILLING FOR THE ENTIRE WIDTH OF THE BRIDGE WEARING SURFACE, AS DIRECTED BY THE ENGINEER.

# SHOULDER RECONSTRUCTION TYPICAL



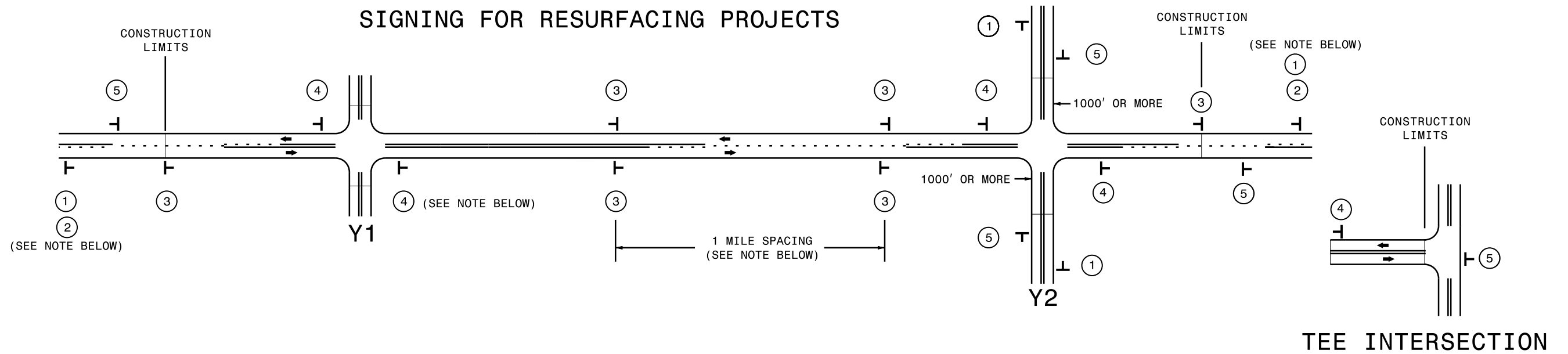
**SHOULDER RECONSTRUCTION DETAIL**

**NOTE:**

- SHOULDERS SHALL BE RECONSTRUCTED AS SHOWN IN STD. DWG. NO. 560.01 & 560.02, WITH A MINIMUM SLOPE OF 1" PER FOOT TO ENSURE POSITIVE DRAINAGE AWAY FROM THE ROADWAY.
- A VEGETATIVE BUFFER SHALL BE MAINTAINED BETWEEN THE DISTURBED AREA ALONG THE EDGE OF PAVEMENT AND THE DITCH SHOULDER POINT TO MINIMIZE EROSION. PULLING DITCHES OR CUTTING SHOULDERS TO GENERATE BORROW MATERIAL WILL NOT BE ALLOWED.
- REQUIRED BORROW MATERIAL MAY BE OBTAINED FROM NCDOT STOCKPILES. ANY EXCESS MATERIAL SHALL BE DISPOSED OF BY THE CONTRACTOR IN AN APPROVED DISPOSAL SITE.



# SIGNING FOR RESURFACING PROJECTS



LEGEND	
	STATIONARY SIGN
	DIRECTION OF TRAFFIC FLOW

## MAINLINE (-L-) SIGNING

## -Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	1	2	3	4	5	
			PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.			
			#2 SIGN ONLY USED WHEN RESURFACING LIMITS ARE 2 OR MORE MILES IN LENGTH. ROUND UP TO NEXT WHOLE NUMBER. (NO FRACTIONAL OR DECIMAL NUMBERS)			
			- 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.			
			- 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.			
					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

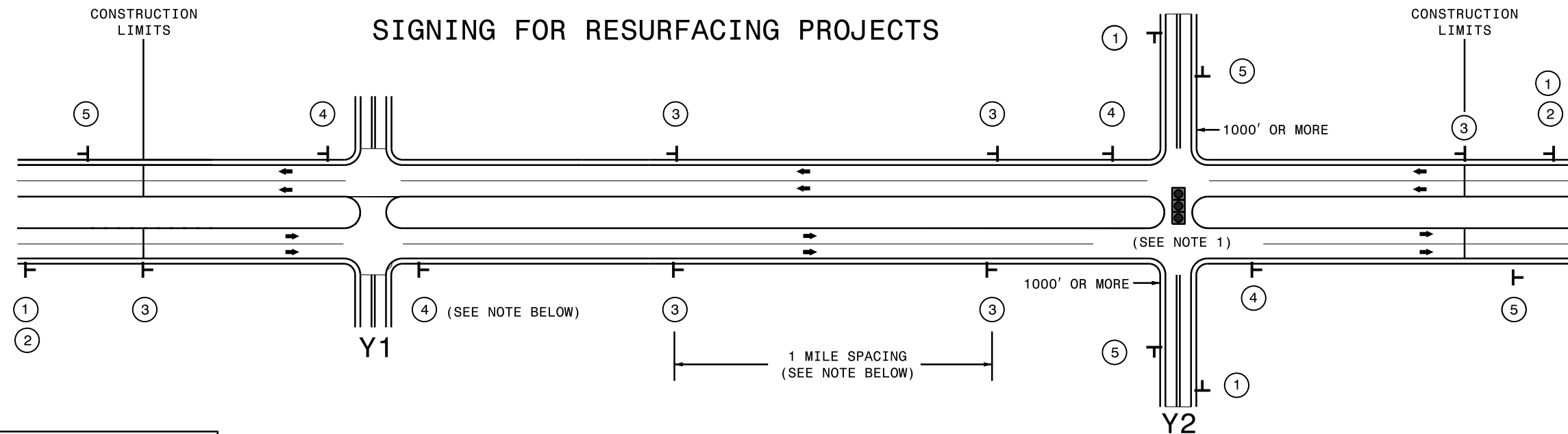
WHEN PAVING/CONSTRUCTION ACTIVITIES PROCEED ACROSS AN UNSIGNED -Y- LINE, ADVANCE WARNING PORTABLE SIGNS SHALL BE USED ALONG THE -Y- LINE AS SHOWN BELOW. REMOVE UPON COMPLETION OF WORK.



PLACED 500' IN ADVANCE OF FLAGGER. PLACED 250' IN ADVANCE OF FLAGGER.



RESURFACING  
ADVANCE WARNING SIGNS  
FOR  
RURAL AND SUBURBAN  
2 LANE ROADWAYS



LEGEND	
	STATIONARY SIGN
	DIRECTION OF TRAFFIC FLOW

MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	MAINLINE (-L-) SIGNING		-Y- LINE SIGNING	
	1	 W20-1 48" X 48"	PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.	<p>NO REQUIRED STATIONARY SIGNING FOR THE FOLLOWING -Y- LINE CONDITIONS:</p> <ol style="list-style-type: none"> <li>1) LESS THAN 1000' OF RESURFACING ALONG -Y- LINE</li> <li>2) SUBDIVISION ROADS</li> <li>3) DEAD END ROADS</li> </ol> <p>WHEN PAVING/CONSTRUCTION ACTIVITIES PROCEED ACROSS AN UNSIGNED -Y- LINE, ADVANCE WARNING PORTABLE SIGNS SHALL BE USED ALONG THE -Y- LINE AS SHOWN BELOW. REMOVE UPON COMPLETION OF WORK.</p> <div style="display: flex; justify-content: space-around;"> <div>                       W20-1                      48" X 48"                 </div> <div>                       W20-7 A                      48" X 48"                 </div> </div> <p>PLACED 500' IN ADVANCE OF FLAGGER. PLACED 250' IN ADVANCE OF FLAGGER.</p> <p>NOTES:</p> <ol style="list-style-type: none"> <li>1) MAY USE LAW ENFORCEMENT TO CONTROL TRAFFIC AT SIGNALIZED INTERSECTIONS AS DIRECTED BY THE ENGINEER. PROVIDE PORTABLE "ROAD WORK AHEAD" (W20-1) SIGNS 500' IN ADVANCE ALONG BOTH APPROACHES FROM THE SIDE STREETS WHEN PAVING PROCEEDS THROUGH THE INTERSECTION.</li> </ol>
	2	 W7-3aP 24" X 18"	#2 SIGN ONLY USED WHEN RESURFACING LIMITS ARE 2 OR MORE MILES IN LENGTH. ROUND UP TO NEXT WHOLE NUMBER.(NO FRACTIONAL OR DECIMAL NUMBERS)	
	3	 SP 13107 48" X 48"	PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACED 1 MILE APART THEREAFTER. IF NO -Y- LINES EXIST, PLACE 2ND SET 1/2 MILE FROM THE CONSTRUCTION LIMITS AND THEN SPACE 1 MILE THEREAFTER.	
4	 SP 13106 48" X 48"	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.		
5	 G20-2 A 48" X 24"	PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS.		



RESURFACING  
 ADVANCE WARNING SIGNS  
 FOR RURAL AND SUBURBAN  
 MULTI-LANE ROADWAYS  
 W/ SHOULDER SECTIONS