

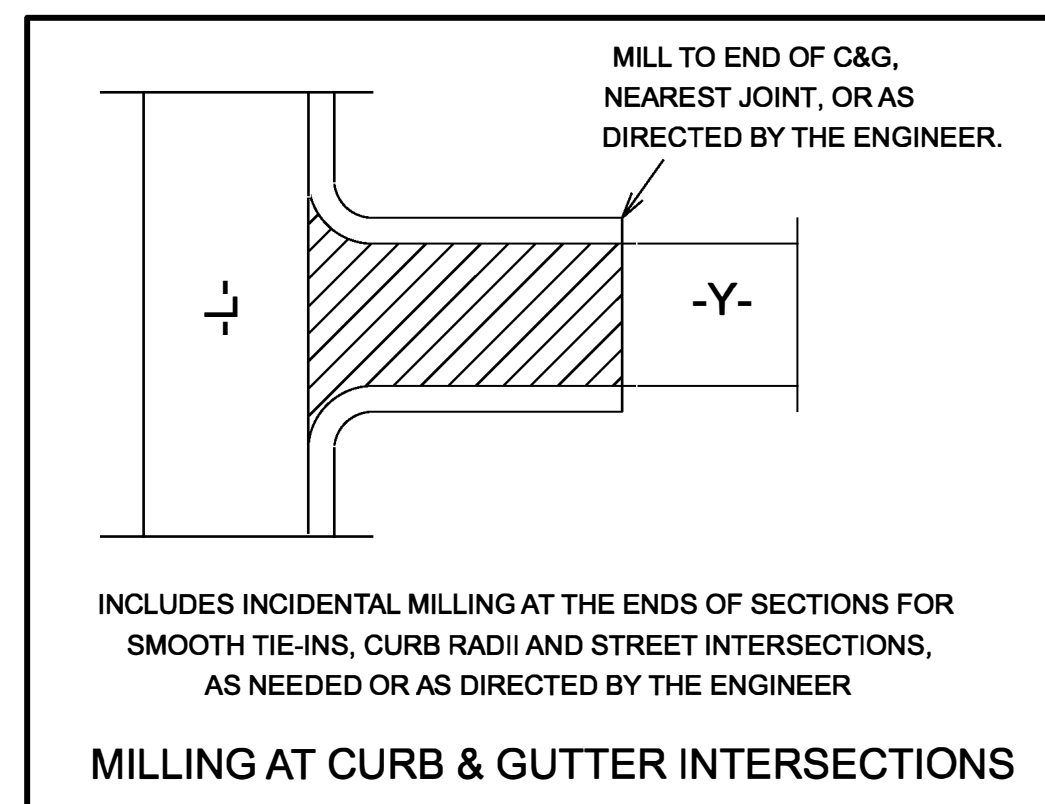
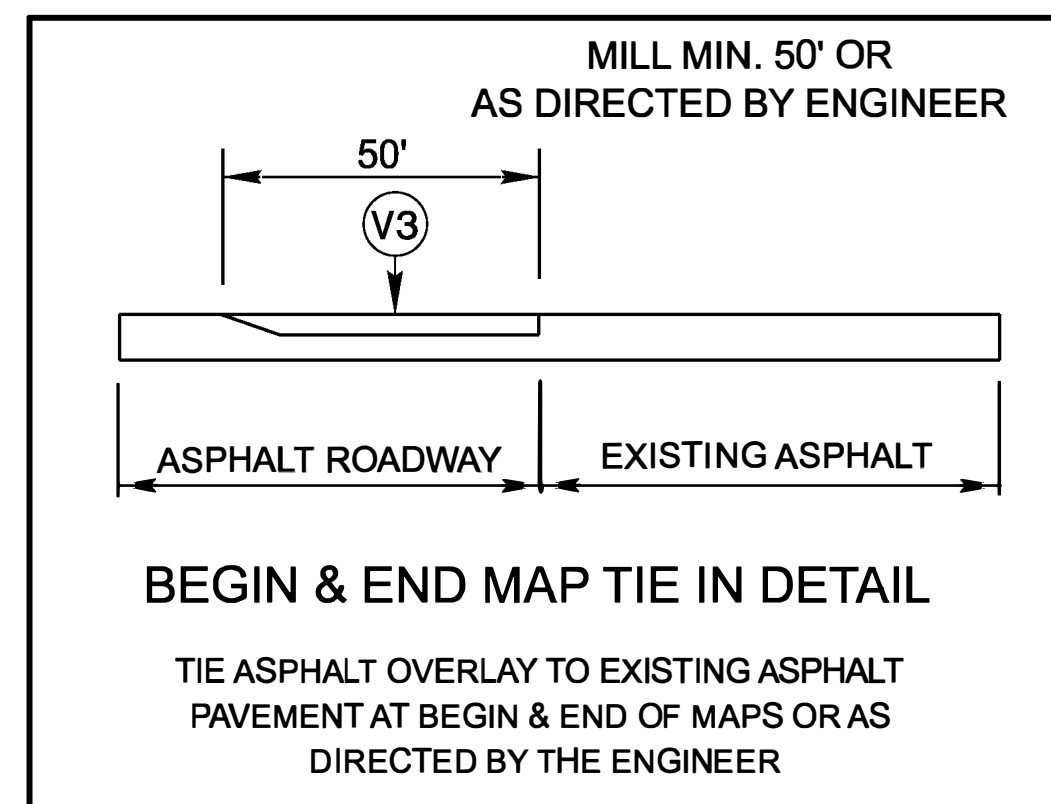
# TYPICAL SECTION NO. 1

MAP 1 - NORTHWEST DRIVE (NS) FROM STA. 10+35 - 15+20 \*\*

\*\*NOTE - REFER TO TYPICAL NO.2 FOR LEFT SIDE WIDENING FROM STA. 14+80 - 15+20

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 3" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD. IN EACH OF TWO LAYERS.
C2	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
E1	PROP. APPROX. 4" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD.
T	SHOULDER RECONSTRUCTION (EARTH MATERIAL)
U	EXISTING PAVEMENT
V1	MILLING OF EXISTING ASPHALT PAVEMENT AT DEPTH OF 1½"
V2	MILLING OF EXISTING ASPHALT PAVEMENT AT DEPTH OF 4"
V3	INCIDENTAL MILLING (See Tie in Detail)

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

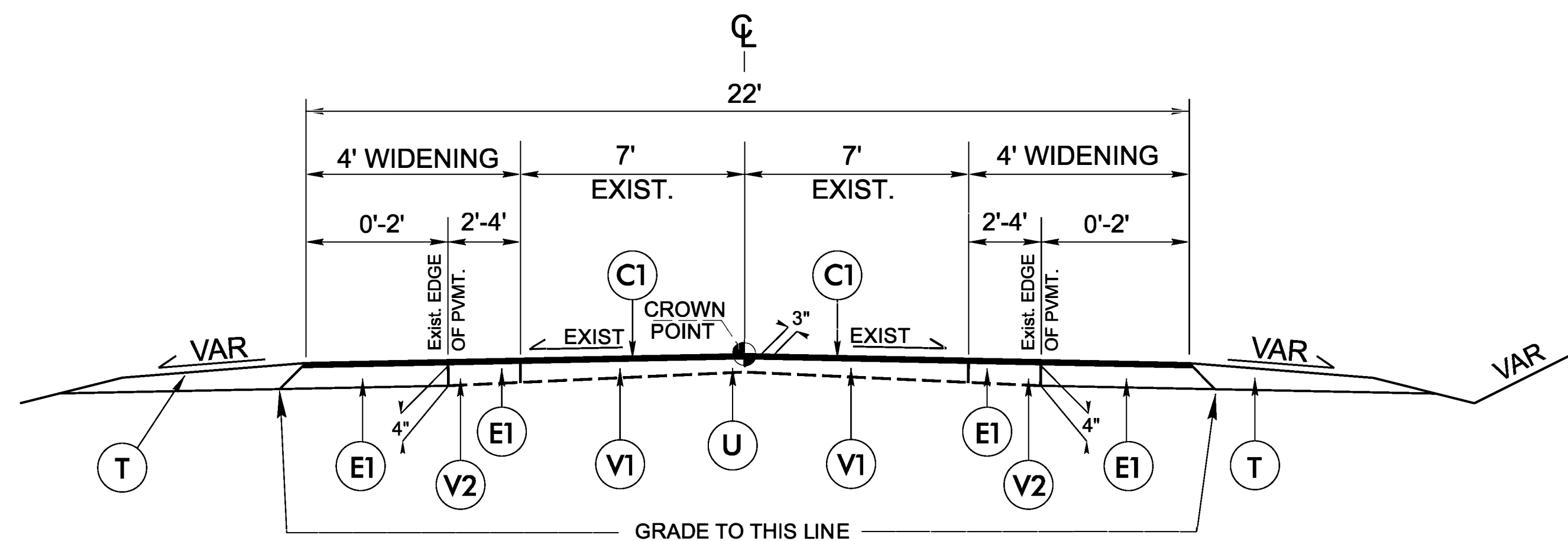


NOTE: TYPICALS ARE NOT TO SCALE

<b>ASHE COUNTY NORTHWEST DRIVE (NS) WIDENING PROJECT</b>																
<table border="1"> <thead> <tr> <th>REVISIONS</th> <th>INIT.</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>REVISED ENDING DESCRIPTION &amp; MAP LENGTH</td> <td>DLH</td> <td>8/1/24</td> </tr> <tr> <td>REVISED PVMT STRUCTURE DEPTH &amp; MILLING LOCATION;</td> <td>DLH</td> <td>7/30/25</td> </tr> <tr> <td colspan="3" style="text-align: center;">UPDATED PROJECT NUMBER</td> </tr> <tr> <td>REVISED &amp; MITIGATED PROJECT SCOPE</td> <td>DLH</td> <td>4/29/26</td> </tr> </tbody> </table>			REVISIONS	INIT.	DATE	REVISED ENDING DESCRIPTION & MAP LENGTH	DLH	8/1/24	REVISED PVMT STRUCTURE DEPTH & MILLING LOCATION;	DLH	7/30/25	UPDATED PROJECT NUMBER			REVISED & MITIGATED PROJECT SCOPE	DLH
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UPDATED PROJECT NUMBER																
REVISED & MITIGATED PROJECT SCOPE	DLH	4/29/26														
N.C. DEPARTMENT of TRANSPORTATION DIVISION of HIGHWAYS DIVISION ELEVEN		SCALE: N/A    DATE: 7-9-2024 PREPARED BY: DLH REVIEWED BY: REVIEWED BY:														

8/17/99

20 APR 2026 11:18 AM - Resurfacing CR\2026\_Ashe\_Northwest\_Drive\DK00473\_Northwest\_Drive.dgn



## TYPICAL SECTION NO. 2

**\*\* MAP 1 - NORTHWEST DRIVE (NS) FROM STA. 15+20 TO 24+75**

**\*\*NOTE - WIDENING IS TO OCCUR AT THE FOLLOWING LOCATIONS:**

- STA. 15+20 - 16+55 (RT SHLD)
- STA. 21+25 - 22+00 (RT SHLD)
- STA. 14+80 - 23+75 (LT SHLD)

**\*\*NOTE - MILLING FOR THIS SECTION IS TO OCCUR IN THIS MANNER:**

- 1.5" (V1) ACROSS THE FULL EXIST PAVEMENT WIDTH
- AND THEN
- 4" (V2) ADDITIONAL MILLING 2' - 4' ON THE EXIST. INSIDE PVMT. EDGE

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 3" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD. IN EACH OF TWO LAYERS.
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U	EXISTING PAVEMENT
V1	MILLING OF EXISTING ASPHALT PAVEMENT AT DEPTH OF 1½"
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V3	INCIDENTAL MILLING (See Tie in Detail)

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

NOTE: TYPICALS ARE NOT TO SCALE

<b>ASHE COUNTY NORTHWEST DRIVE (NS) WIDENING PROJECT</b>																
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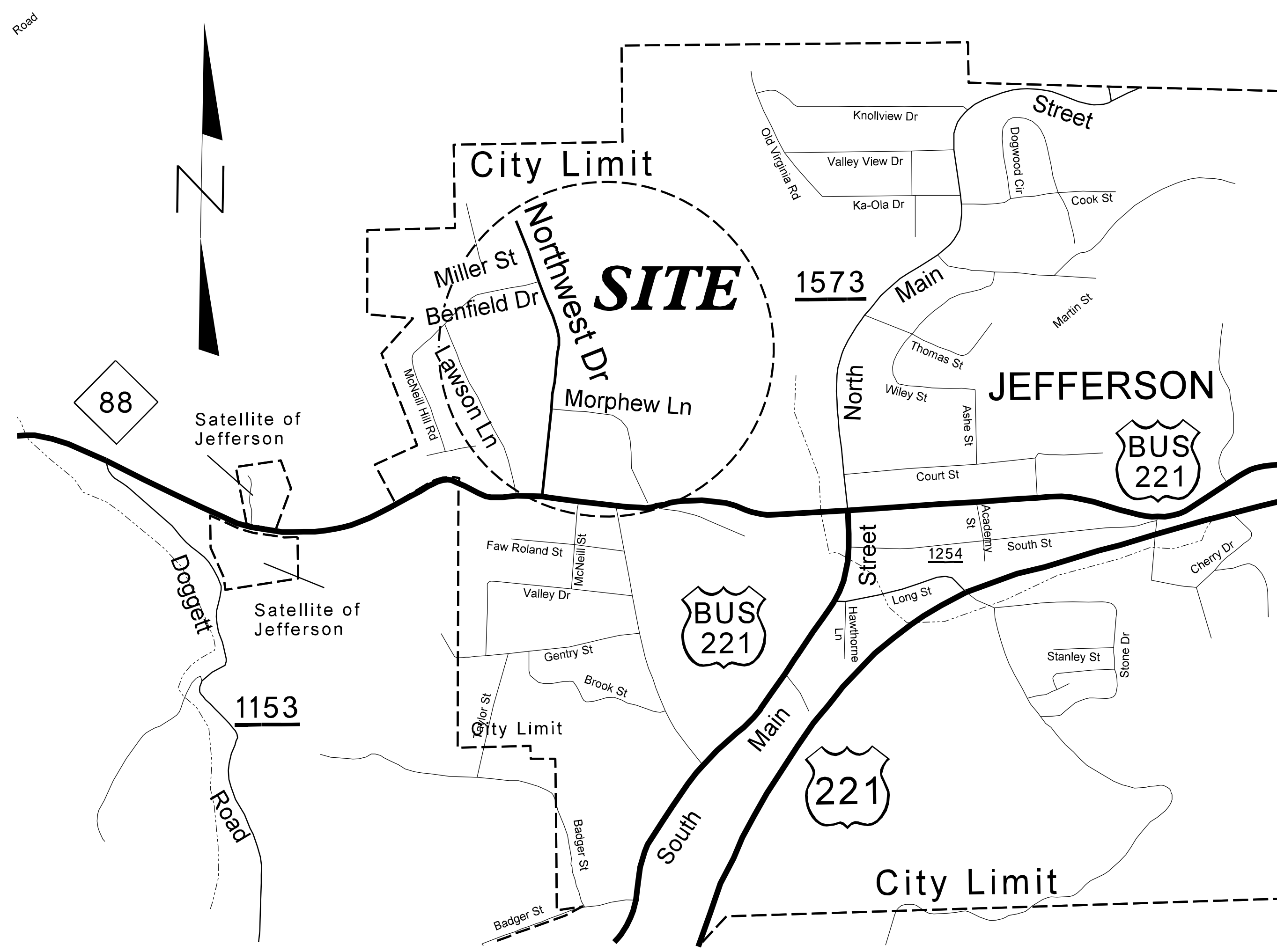
STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

# ASHE COUNTY

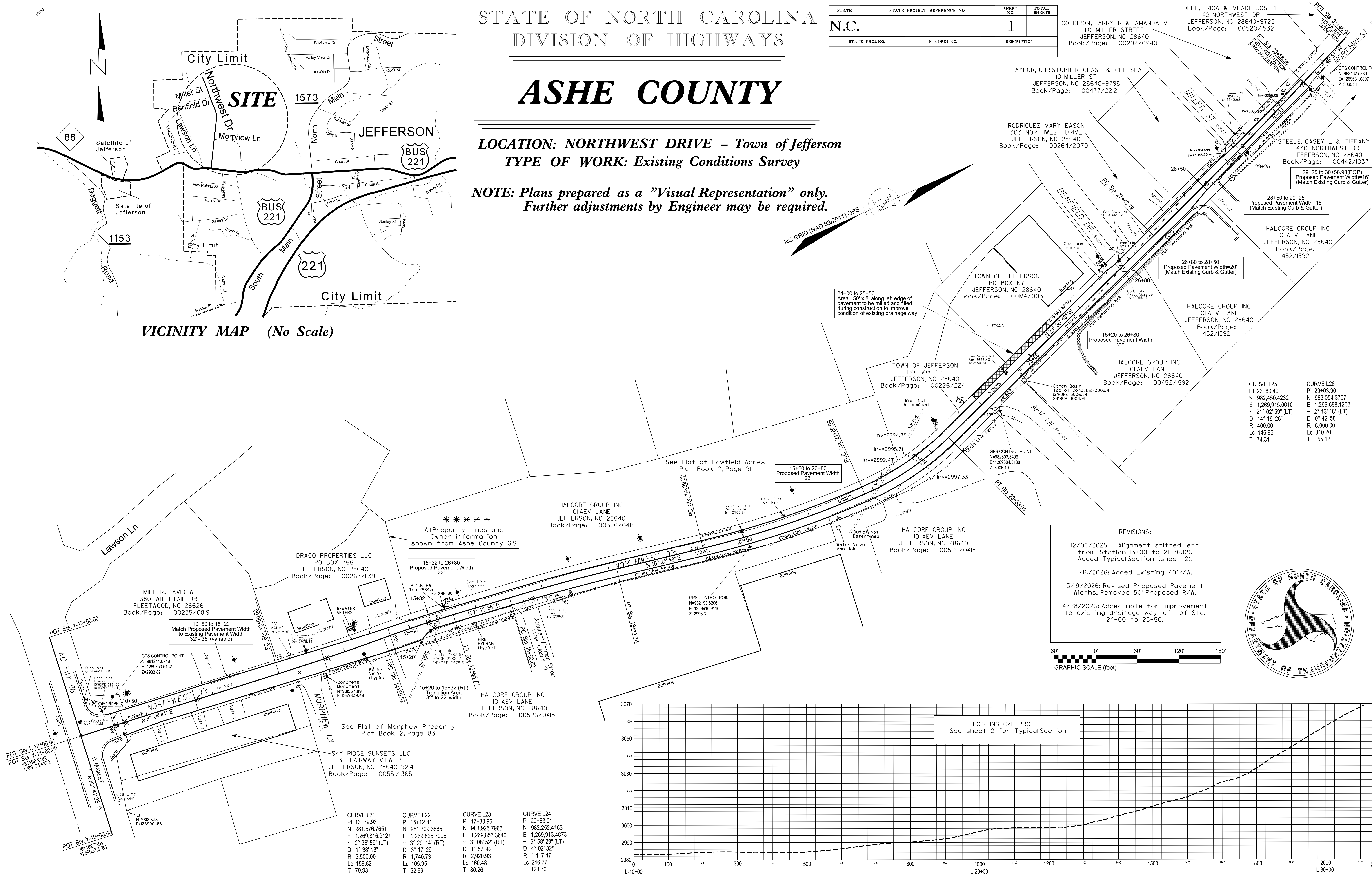
**LOCATION: NORTHWEST DRIVE - Town of Jefferson**  
**TYPE OF WORK: Existing Conditions Survey**

**NOTE: Plans prepared as a "Visual Representation" only.**  
**Further adjustments by Engineer may be required.**

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.		1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	

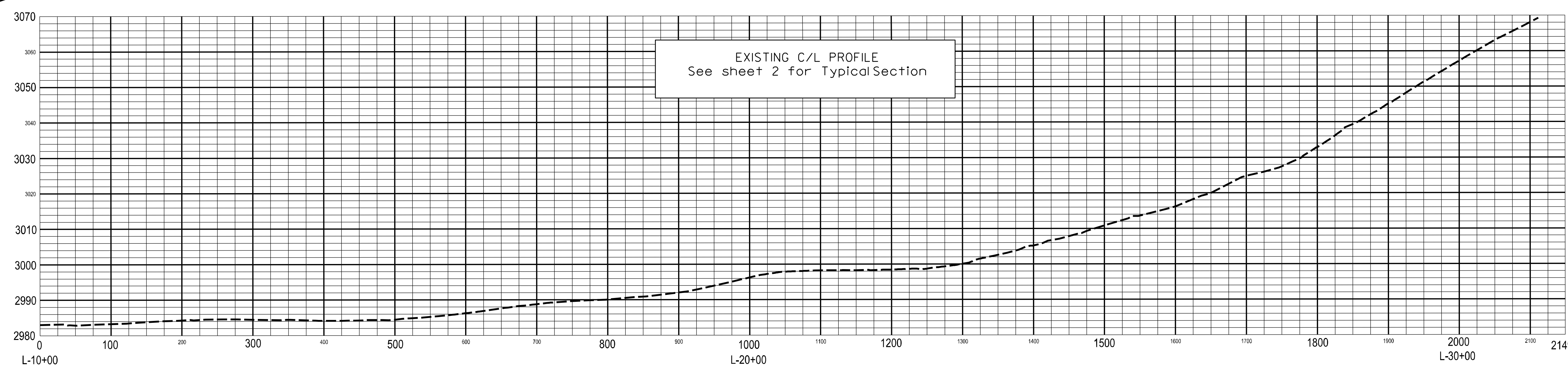
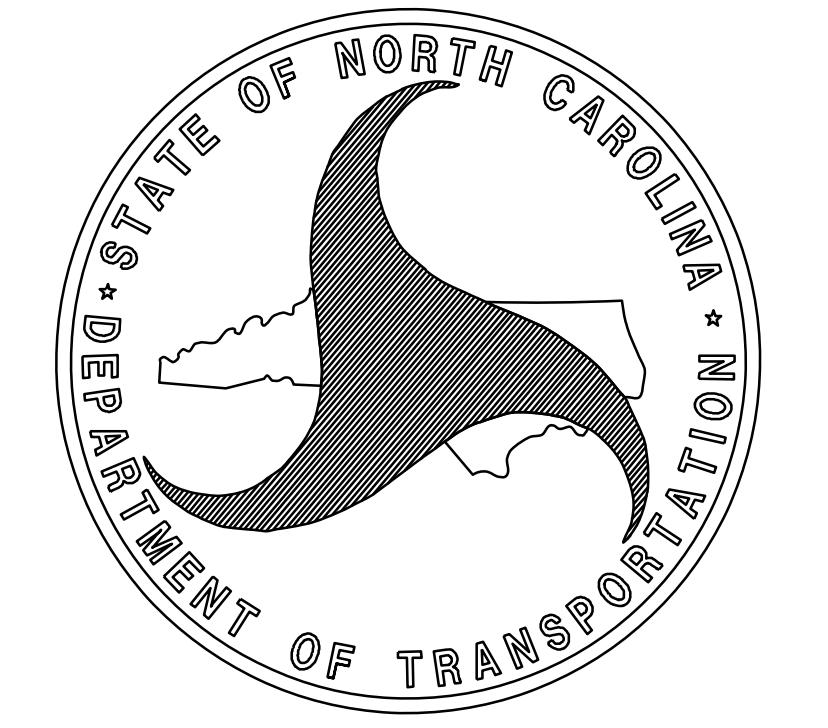
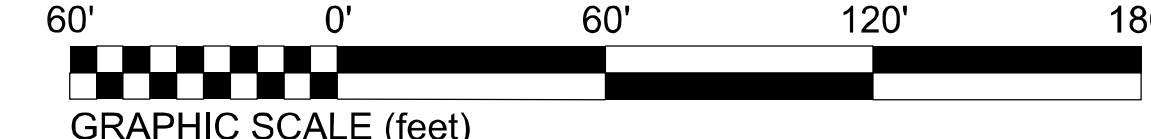


VICINITY MAP (No Scale)



**REVISIONS:**

- 12/08/2025 - Alignment shifted left from Station 13+00 to 21+86.09. Added Typical Section (sheet 2).
- 1/16/2026: Added Existing 40'R/W.
- 3/19/2026: Revised Proposed Pavement Widths. Removed 50' Proposed R/W.
- 4/28/2026: Added note for improvement to existing drainage way left of Sta. 24+00 to 25+50.



<b>CURVE L21</b> PI 13+79.93 N 981.576.7651 E 1,269.816.9121 ~ 2° 36' 59" (LT) D 1° 38' 13" R 3,500.00 Lc 159.82 T 79.93	<b>CURVE L22</b> PI 15+12.81 N 981.709.3885 E 1,269.825.7095 ~ 3° 29' 14" (RT) D 3° 17' 29" R 1,740.73 Lc 105.95 T 52.99	<b>CURVE L23</b> PI 17+30.95 N 981.925.7965 E 1,269.853.3640 ~ 3° 08' 52" (RT) D 1° 57' 42" R 2,920.93 Lc 160.48 T 80.26	<b>CURVE L24</b> PI 20+63.01 N 982.252.4163 E 1,269.913.4873 ~ 9° 58' 29" (LT) D 4° 02' 32" R 1,417.47 Lc 246.77 T 123.70
--	--	--	---

<b>CURVE L25</b> PI 22+60.40 N 982.450.4232 E 1,269.915.0610 ~ 21° 02' 59" (LT) D 14° 19' 26" R 400.00 Lc 146.95 T 74.31	<b>CURVE L26</b> PI 23+03.90 N 983.054.3707 E 1,269.888.1203 ~ 2° 13' 18" (LT) D 0° 42' 58" R 8,000.00 Lc 310.20 T 155.12
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PROJECT NO.	SHEET NO
DK00458	5

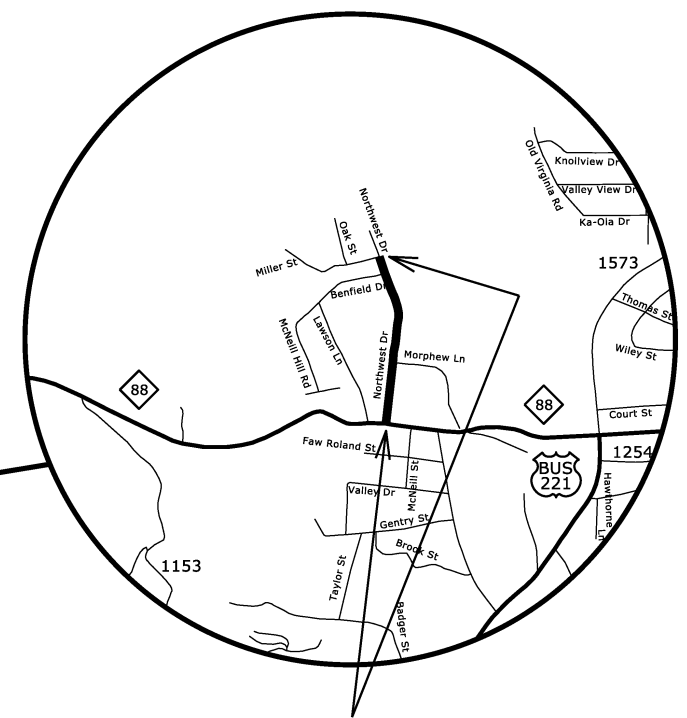
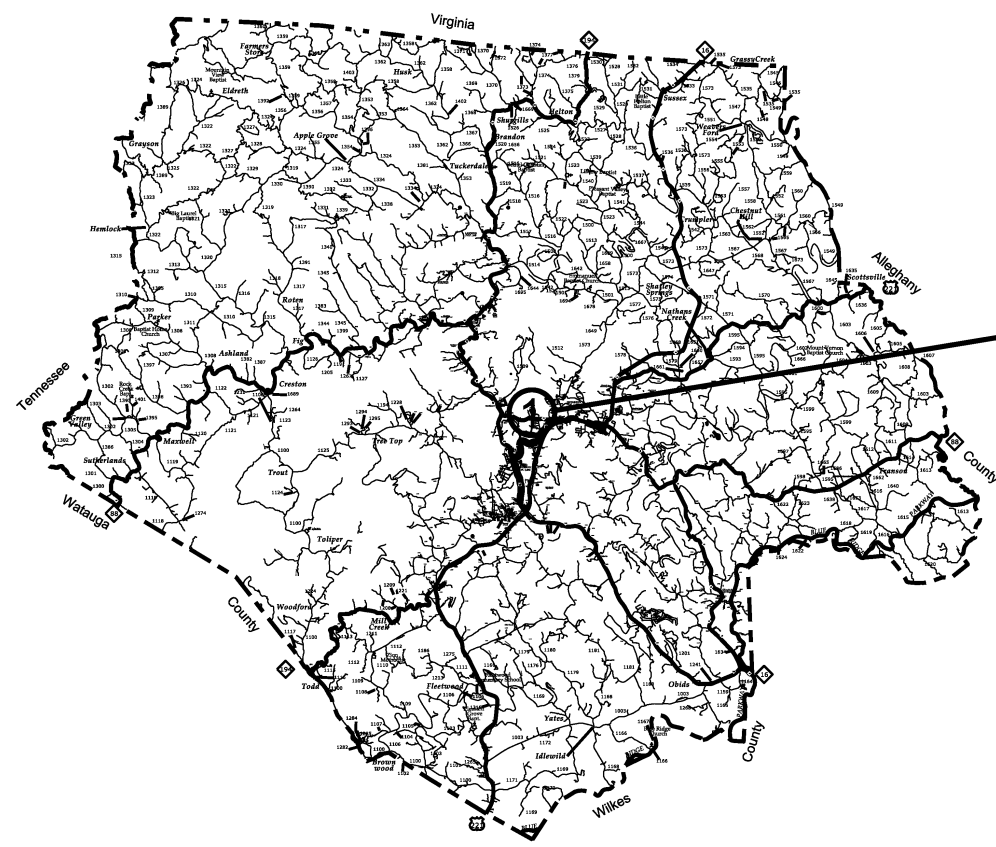
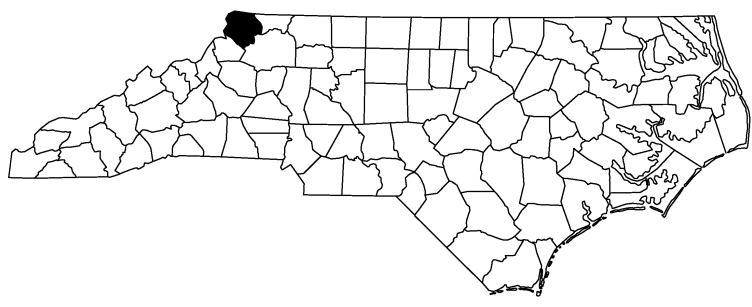
**SUMMARY OF QUANTITIES**

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEGIN MP	END MP	1245000000-E	126000000-E	1330000000-E	1297000000-E	1297000000-E	1491000000-E	1523000000-E	1575000000-E	2830000000-N	2845000000-N	2815000000-N	4715000000-N		4891000000-E
												SHOULDER RECONSTRUCTION	AGGREGATE SHOULDER BORROW	INCIDENTAL MILLING	4" MILLING	1½" MILLING	BASE COURSE, B25.0C	SURFACE COURSE, S9.5C	ASPHALT BINDER FOR PLANT MIX	ADJUSTMENT OF MANHOLES	ADJUSTMENT OF METER OR VALVE BOX	ADJUSTMENT OF DROP INLET	THERMOPLASTIC LEFT ARROW, 90 MIL	THERMOPLASTIC RIGHT ARROW, 90 MIL	HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINES 4", 65 MIL
								MI	FT			SMI	TON	SY	SY	SY	TONS	TONS	TONS	EA	EA	EA	EA	EA	LF
50601.3.1	Ashe	1	NORTHWEST DRIVE (NS)	FROM NC 88 TO END OF PAVEMENT	1	2	2WU	0.58	19	0	0.58	1.16	305.00	544.00	498.00	5,895	150	1,090	72	8	22	22	2	2	8,400
<b>TOTAL FOR PROJ NO. 50601.3.1</b>								<b>0.58</b>				<b>1.16</b>	<b>305.00</b>	<b>544.00</b>	<b>498</b>	<b>5,895</b>	<b>150</b>	<b>1,090</b>	<b>72</b>	<b>8</b>	<b>22</b>	<b>22</b>	<b>2</b>	<b>2</b>	<b>8,400</b>
<b>GRAND TOTAL</b>								<b>0.58</b>				<b>1.16</b>	<b>305.00</b>	<b>544.00</b>	<b>498</b>	<b>5,895</b>	<b>150</b>	<b>1,090</b>	<b>72</b>	<b>8</b>	<b>22</b>	<b>22</b>	<b>2</b>	<b>2</b>	<b>8,400</b>

# ASHE COUNTY

TYPE OF WORK: GRADING, PAVING, MILLING, & WIDENING  
MAP # 1

2026

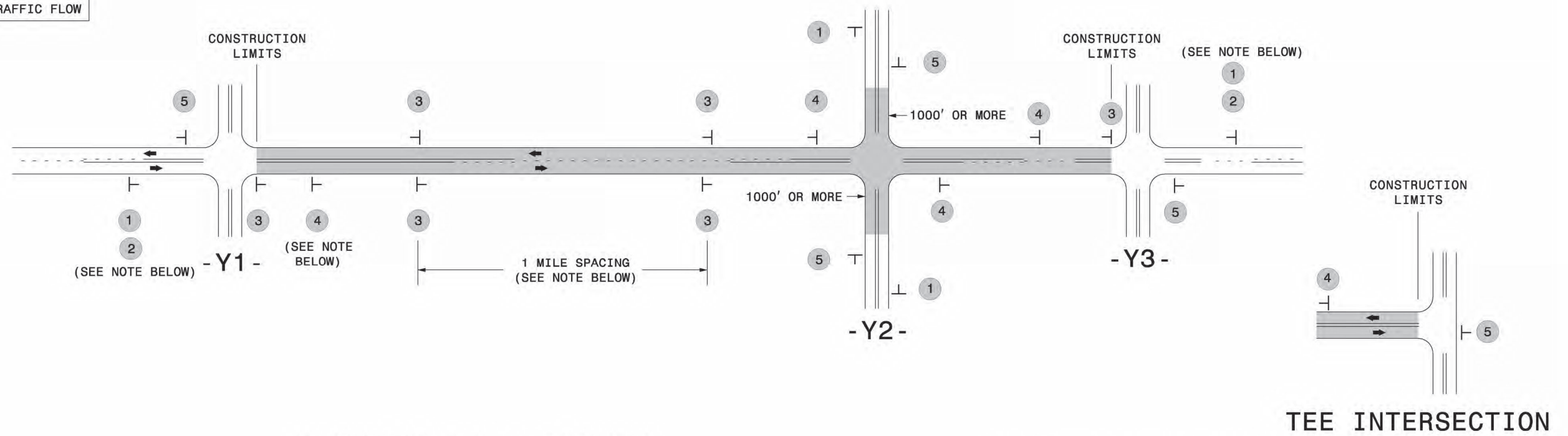


MAP #1

NORTHWEST DRIVE (NS) - (0.390mi.)  
(FROM NC 88 TO EOP)

# SIGNING FOR RESURFACING PROJECTS

**LEGEND**  
 ┆ STATIONARY SIGN  
 ← DIRECTION OF TRAFFIC FLOW



<b>SIGNING NOTES AND PLACEMENT PER DIRECTION</b>	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>	<ul style="list-style-type: none"> <li>- PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACE 1 MILE APART THEREAFTER.</li> <li>- AT TEE INTERSECTIONS INSTALL INITIALLY 1/2 MILE FROM INTERSECTION AND SPACE 1 MILE APART THEREAFTER.</li> </ul>	
	4	 <small>SP 13106 48" X 48"</small>	<ul style="list-style-type: none"> <li>- THESE ARE FOR -Y- LINES THAT ARE "THROUGH" ROADWAYS.</li> <li>- DEAD END AND SUBDIVISION ROADS ARE NOT "THROUGH" ROADWAYS.</li> <li>- INSTALL 500' +/- FROM EACH -Y- LINE APPROACH AS SHOWN ABOVE.</li> <li>- 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.</li> <li>- A MAXIMUM OF 2 SIGN SETS PER MILE. DO NOT INSTALL WHEN -Y- LINES ARE WITHIN 0.5 MILES FROM "END ROAD WORK" SIGN.</li> <li>- FOR TEE INTERSECTIONS, INSTALL WITHIN 500' +/- OF THE INTERSECTION ALONG -L- LINE.</li> </ul>	
	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.

W20-1  
48" X 48"  
 PLACED 500' IN ADVANCE OF FLAGGER.

W20-7 A  
48" X 48"  
 PLACED 250' IN ADVANCE OF FLAGGER.

**MAPS LESS THAN 2 MILES**

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.

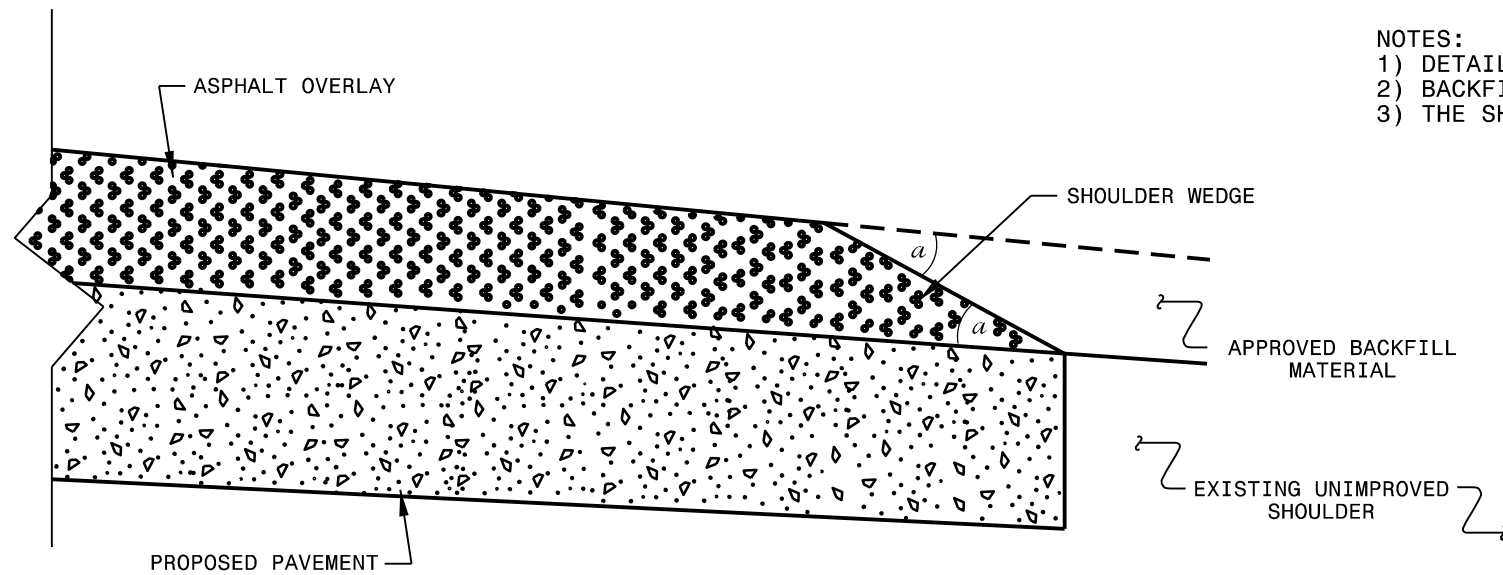
FOR RESURFACING MAPS WITH CONSTRUCTION LIMITS LESS THAN 2 MILES IN LENGTH, NO STATIONARY SIGNS ARE REQUIRED. USE PORTABLE "ROAD UNDER CONSTRUCTION" OR "ROAD WORK AHEAD" SIGNS IN LIEU OF STATIONARY ADVANCE WARNINGS SIGNS.

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

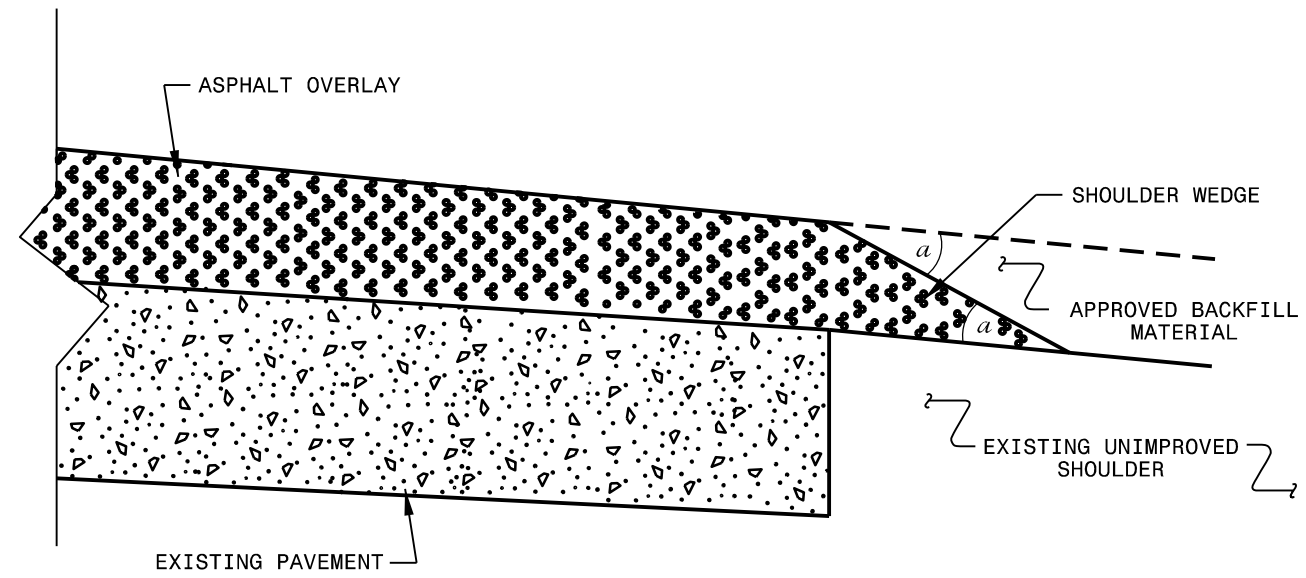
5/15/2017 5:11:00 PM \\NCDOT\Resurfacing\2L2W & AST Resurfacing Details\Resurfacing\_AdvWarn\_2Ln.dgn User:keads



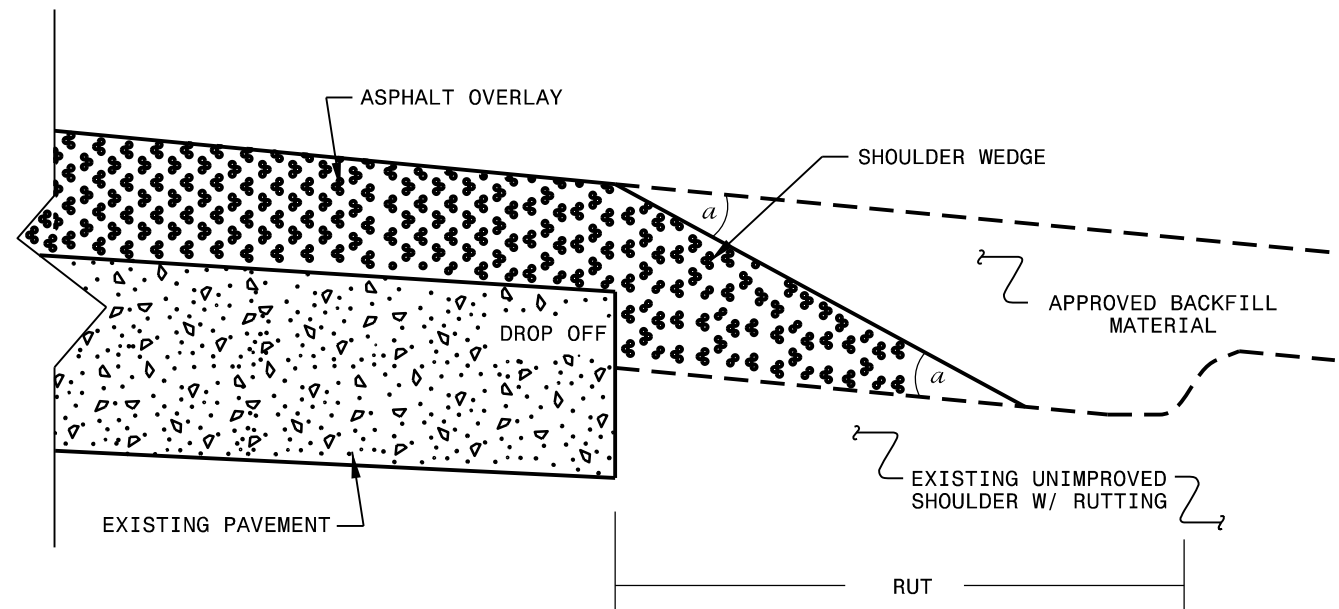
- NOTES:  
 1) DETAIL DOES NOT APPLY TO OGAFD AND ULTRA-THIN BONDED WEARING COURSE.  
 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.  
 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS AND SIDE STREETS.



**SHOULDER WEDGE DETAIL**  
 (Resurfacing Projects w/ Widening or  
 with Existing Paved Shoulder having no dropoffs)



**SHOULDER WEDGE DETAIL**  
 (Resurfacing Projects w/ NO Widening)



**SHOULDER WEDGE DETAIL**  
 (Resurfacing Adjacent to  
 Rutted Shoulder)

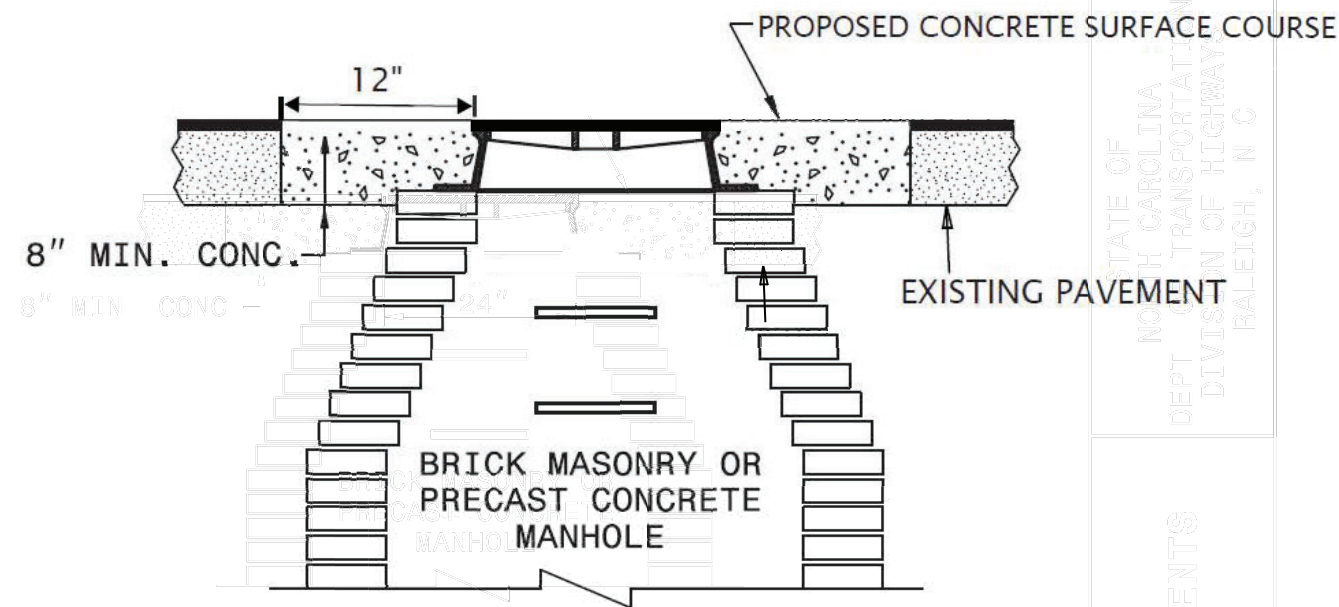
- SHOULDER WEDGE ANGLE = 30°

<b>CONTRACT STANDARDS AND DEVELOPMENT UNIT</b>			
Office 919-707-6950		FAX 919-250-4119	
<b>SHOULDER WEDGE DETAILS</b>			
ORIGINAL BY: T.SPELL	DATE: 7-19-11		
MODIFIED BY:	DATE: 10/16/12		
CHECKED BY:	DATE:		
FILE SPEC.: s:\usr\details\stand\shoulderwedgedetail.dgn			

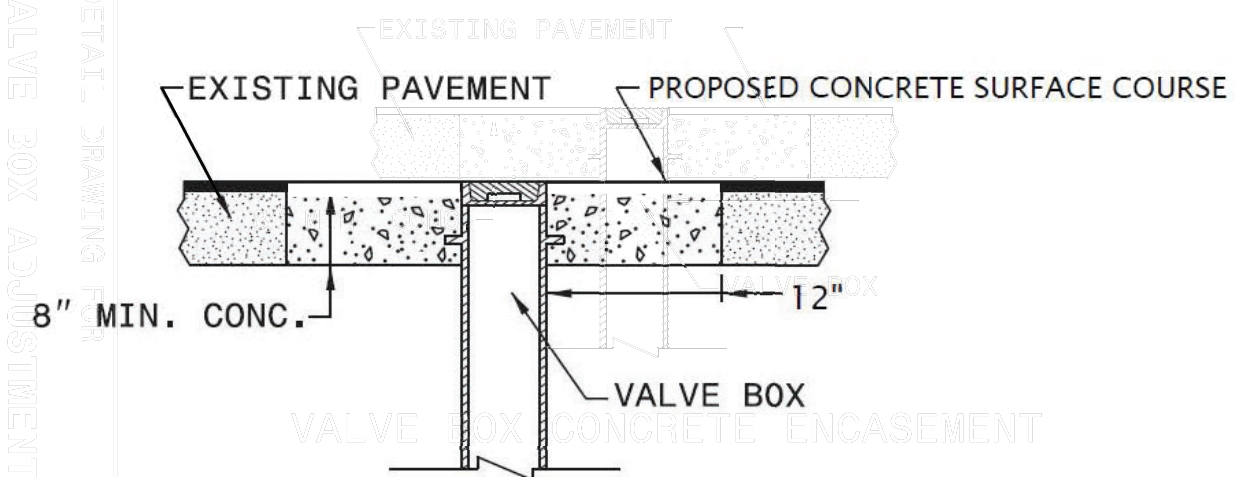
SYSTEMS DESIGN USER NAME

**GENERAL NOTES:**

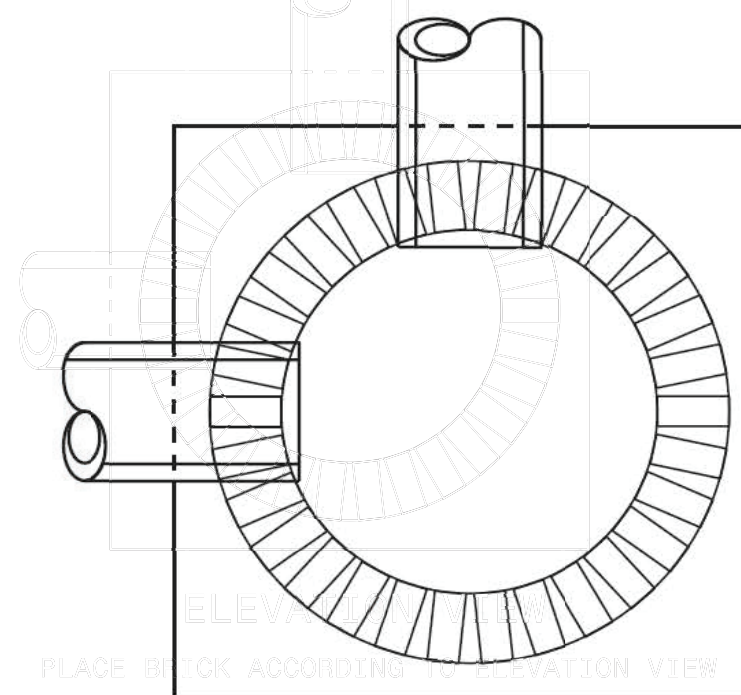
1. USE RAPID SET DYED CONCRETE WITH A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI.
2. REMOVE ALL FAULTY EXISTING BRICKWORK AND REPLACE WITH NEW BRICK MASONRY.
3. SHEER CUT RECTANGULAR EXCAVATION FOR THE ADJUSTMENT ON ALL SIDES. NO OVERSAW CUTS ALLOWED IN CORNERS.
4. FILL AREA BELOW 8" DEPTH WITH 78M OR NO. 57 CLEAN STONE.
5. MIX MORTAR TO NCDOT SPECIFICATIONS.
6. MORTAR JOINTS 1/2" +/- 1/8"



**MANHOLE CONCRETE ENCASEMENT**



**VALVE BOX CONCRETE ENCASEMENT**



**ELEVATION VIEW**

PLACE BRICK ACCORDING TO ELEVATION VIEW

SHEET 1 OF 1  
840D55

SHEET 1 OF 1  
840D55

REVISIONS

8/17/99

24-JAN-2016 13:31  
C:\Users\yokjmmel\Desktop\DETAIL\_PSHS\Microstation Files\MH\_Valve\_Adjust\_2015.dgn  
\$\$\$\$\$SRNAME\$\$\$\$\$

NCDOT  
 NORTH CAROLINA  
 DEPT. OF TRANSPORTATION  
 DIVISION OF HIGHWAYS  
 RALEIGH, N.C.

ENGLISH DETAIL DRAWING FOR  
 MANHOLE AND VALVE BOX ADJUSTMENTS

STATE OF  
 NORTH CAROLINA  
 DEPT. OF TRANSPORTATION  
 DIVISION OF HIGHWAYS  
 RALEIGH, N.C.

ENGLISH DETAIL DRAWING FOR  
 MANHOLE AND VALVE BOX ADJUSTMENTS