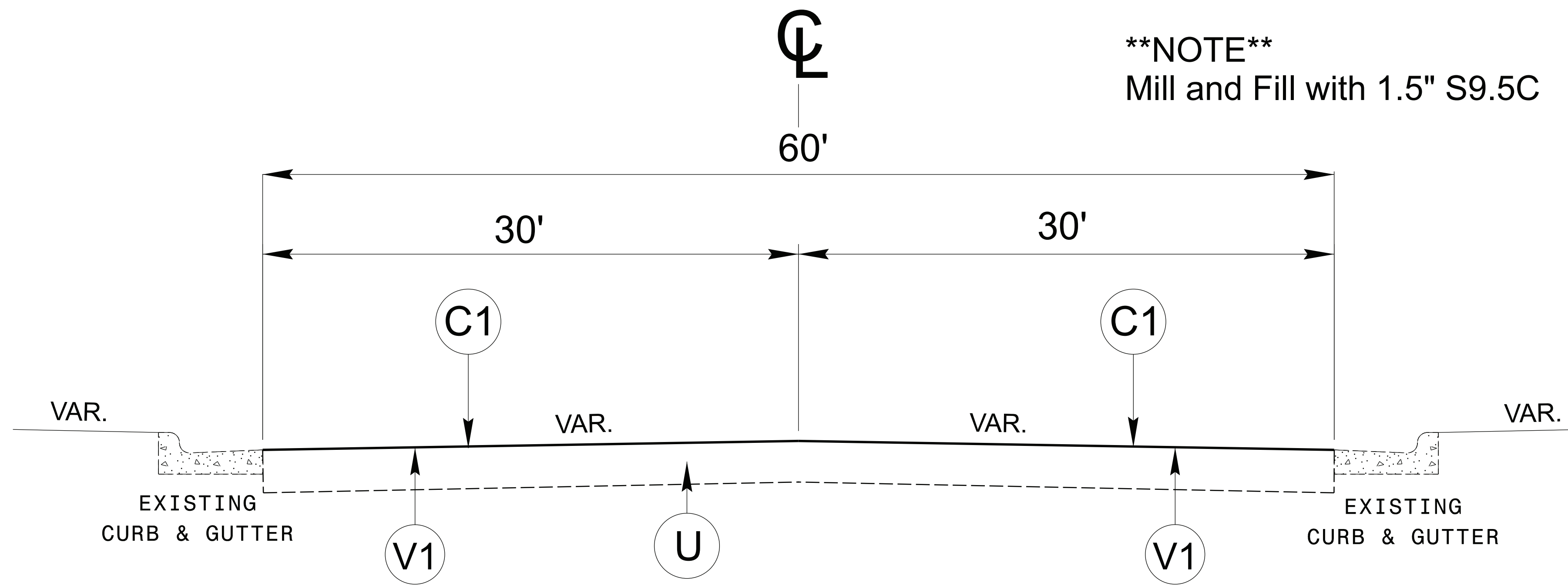


5/26/20

* "PATCHING EXISTING PAVEMENT" HAS BEEN INCLUDED AS A PAY ITEM ON MAPS. PATCHING MAY OR MAY NOT BE NEEDED DEPENDING ON CONDITION OF MAP SURFACE AT TIME THAT PAVING SEASON BEGINS. AREAS TO BE DELINIATED BY THE ENGINEER.

* INCIDENTAL MILLING AT LOCATIONS AS DIRECTED BY THE ENGINEER

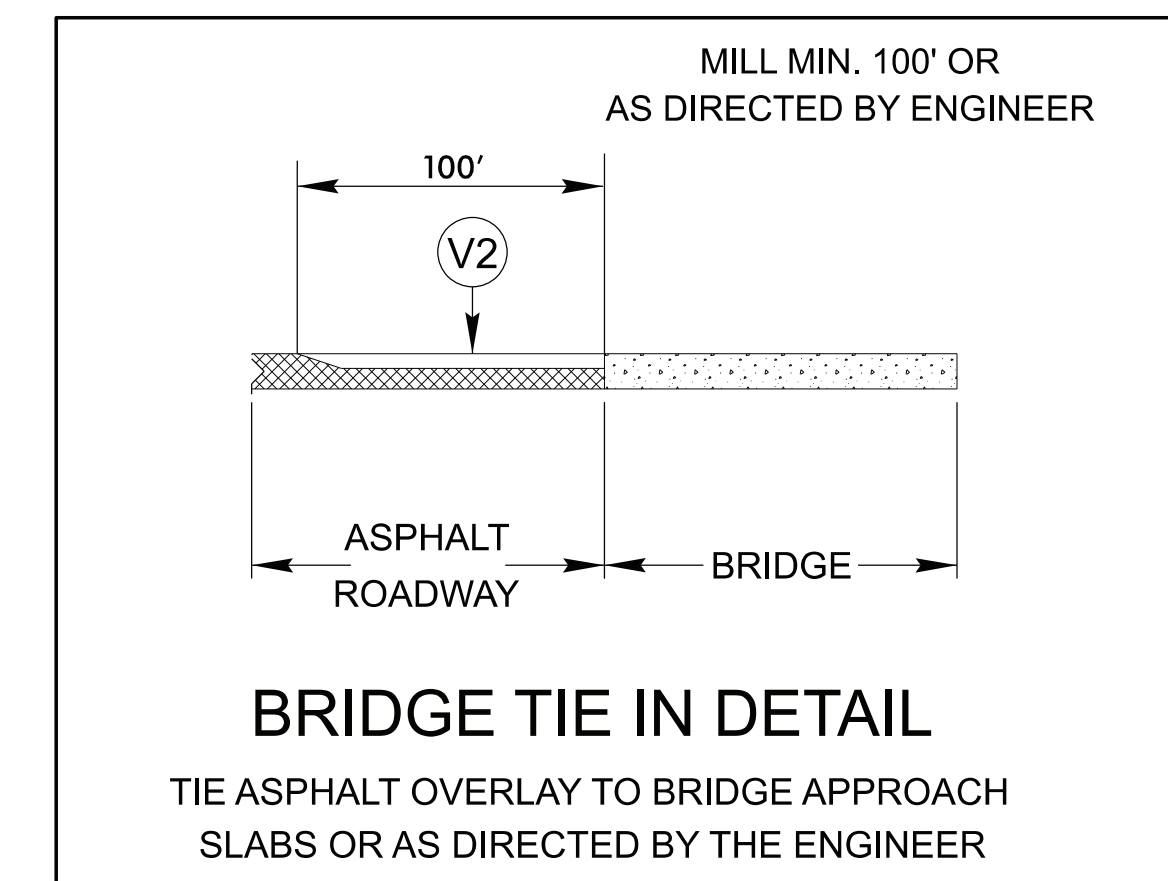
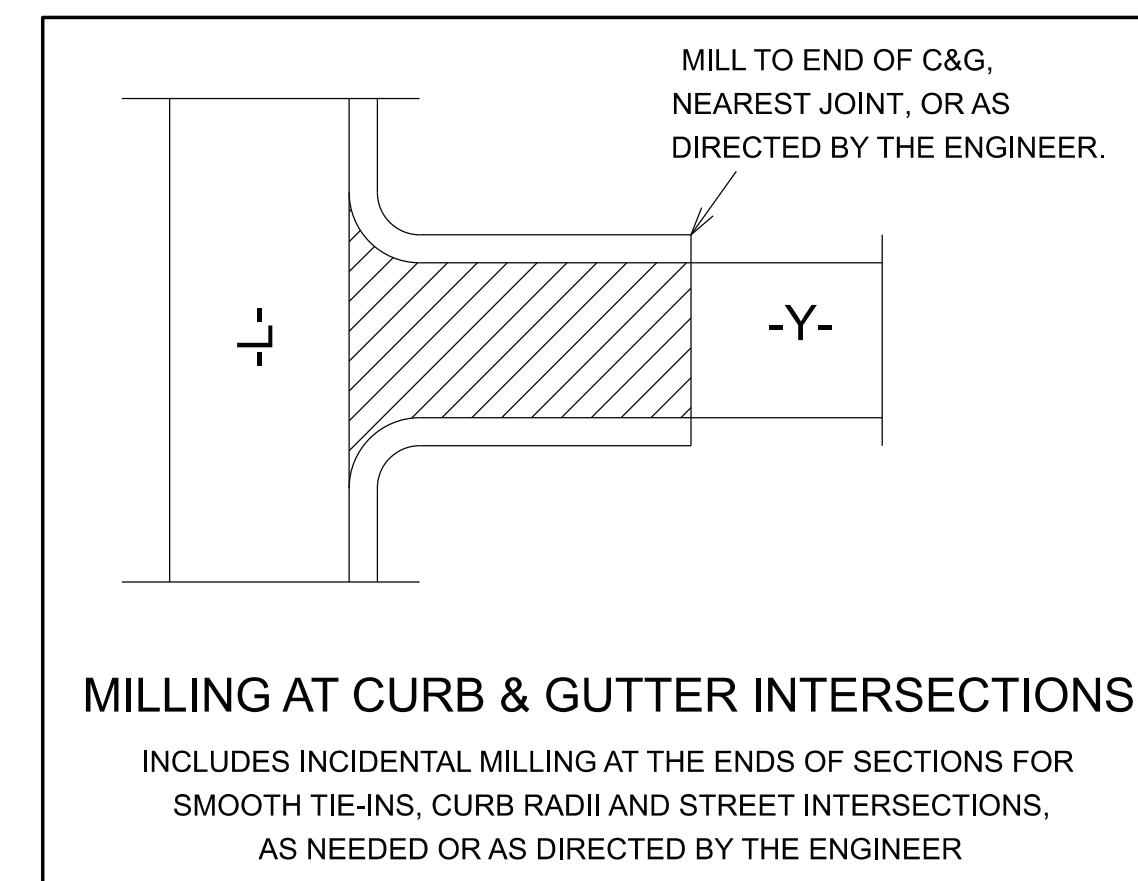
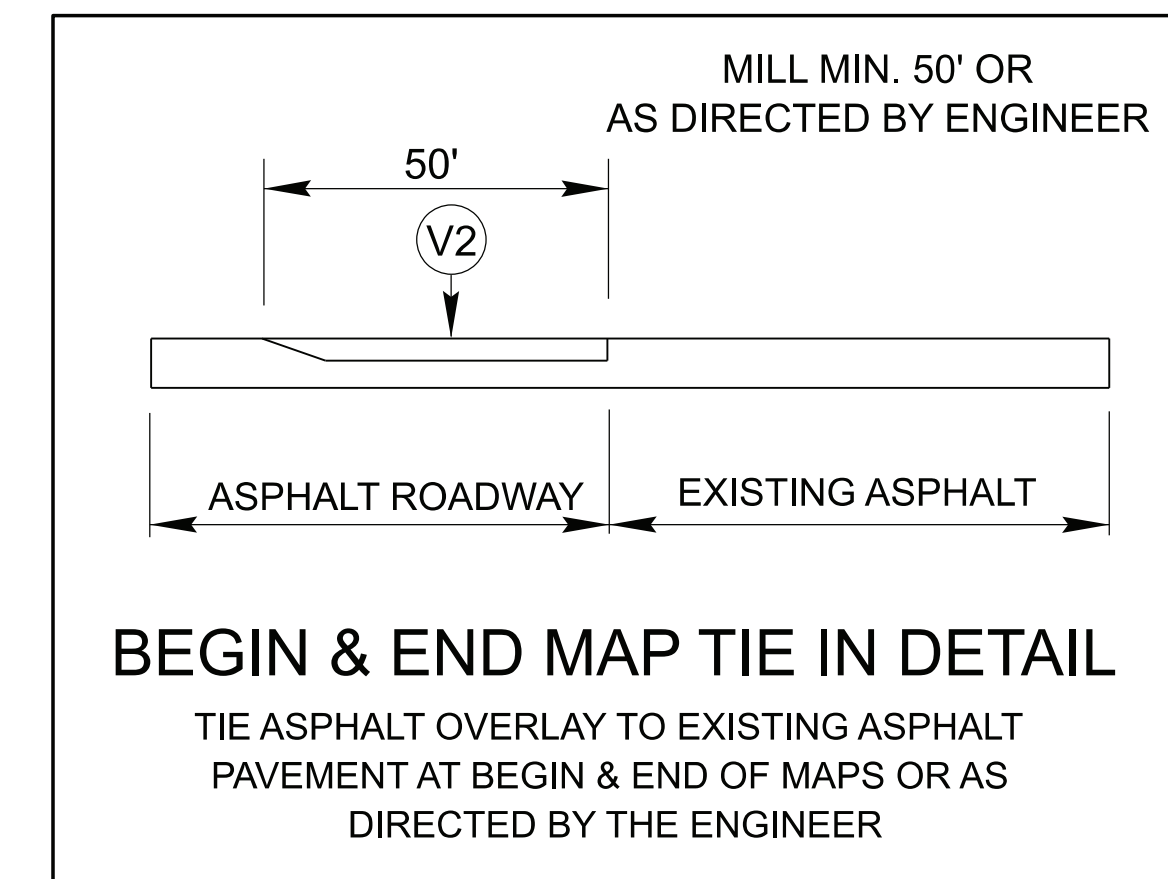


TYPICAL SECTION NO. 1

*MAP 1 - US-221 US HWY 421 S FROM GROVE ST (NS) TO BEGIN DIVIDED HWY

*NOTE: DO NOT MILL OR RESURFACE ACROSS BRIDGE #069 AS IT IS A CONCRETE STRUCTURE

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
F1	ASPHALT SURFACE TREATMENT, MAT COAT WITH NO.78M STONE
T	SHOULDER RECONSTRUCTION
U	EXISTING PAVEMENT
V1	MILLING OF EXISTING ASPHALT PAVEMENT AT DEPTH OF 1 ½"
V2	INCIDENTAL MILLING (See Tie in Detail)

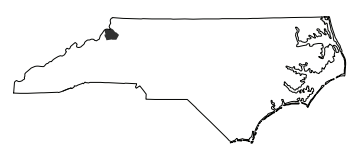


NOTE: TYPICALS ARE NOT TO SCALE

DK00444

001

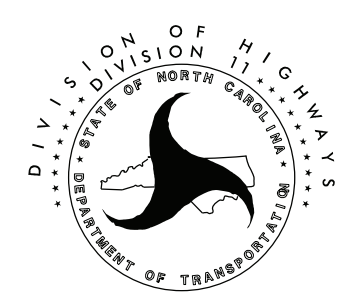
NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS



DIVISION ELEVEN

WATAUGA COUNTY
PRIMARY & SECONDARY
ROADS

2026 ASPHALT
RESURFACING

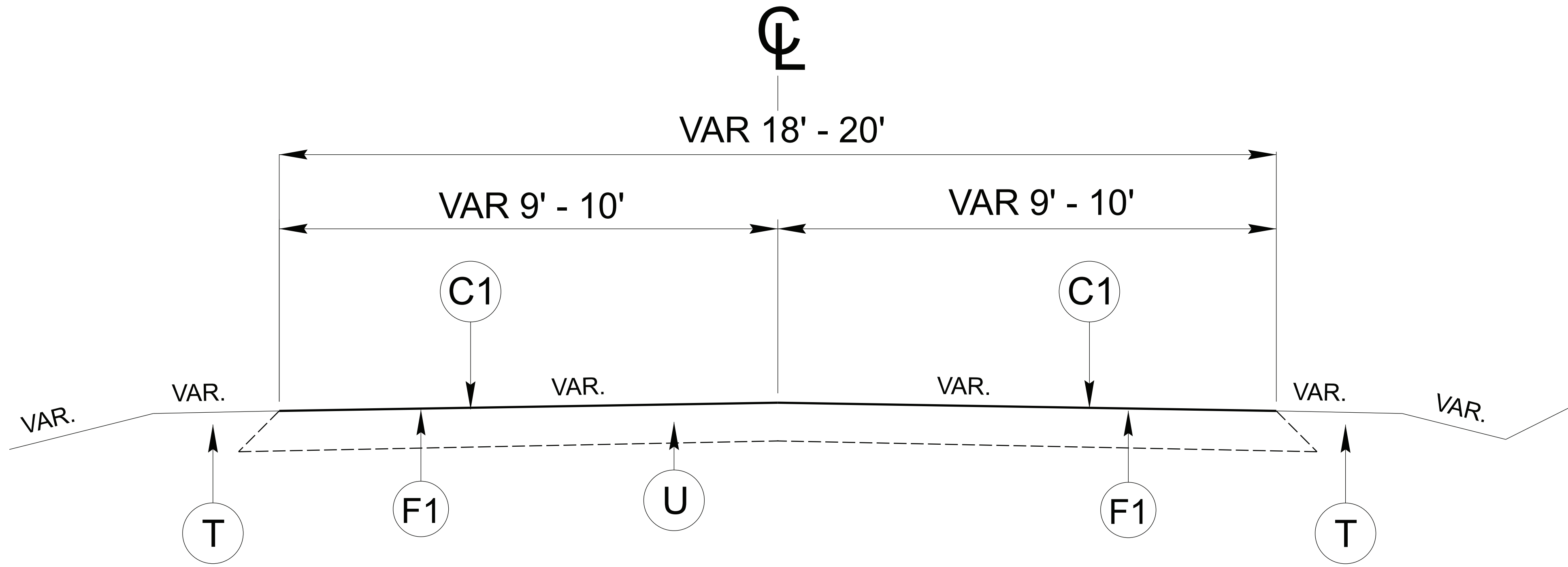


DATE: 7/30/2025
PREPARED BY: DLH

REVISIONS

5/26/20

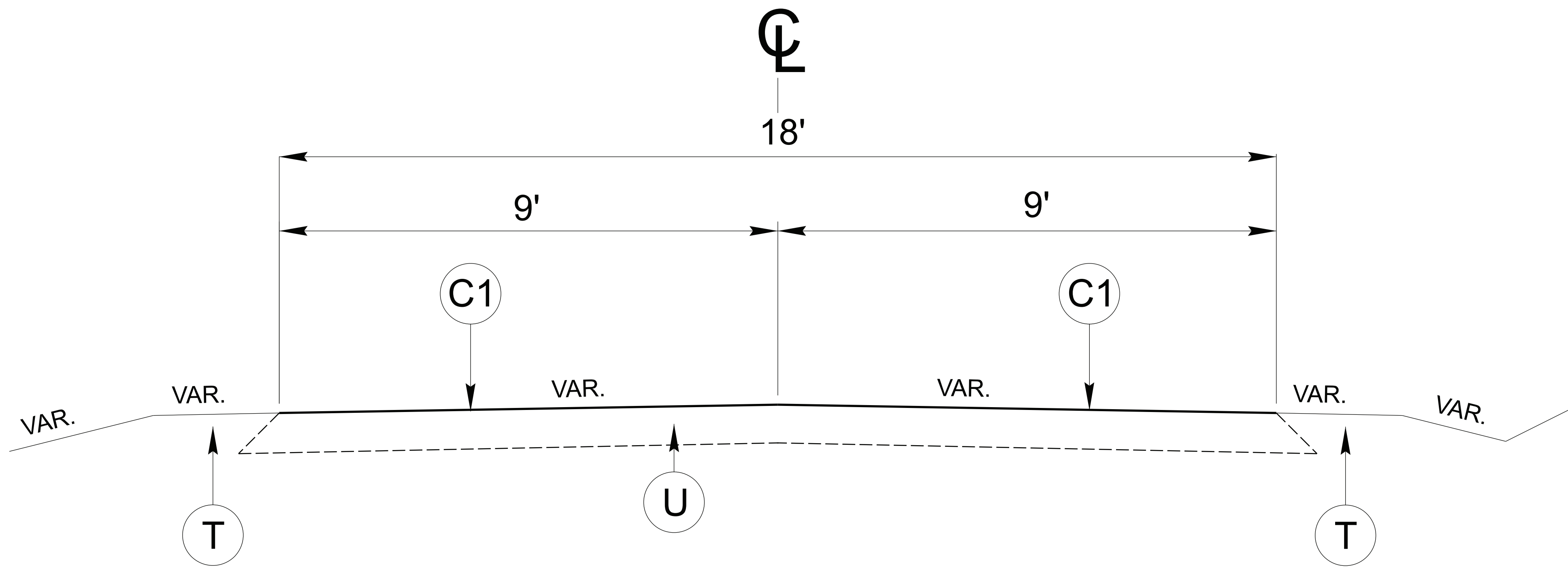
* INCIDENTAL MILLING AT LOCATIONS AS DIRECTED BY THE ENGINEER



TYPICAL SECTION NO. 2

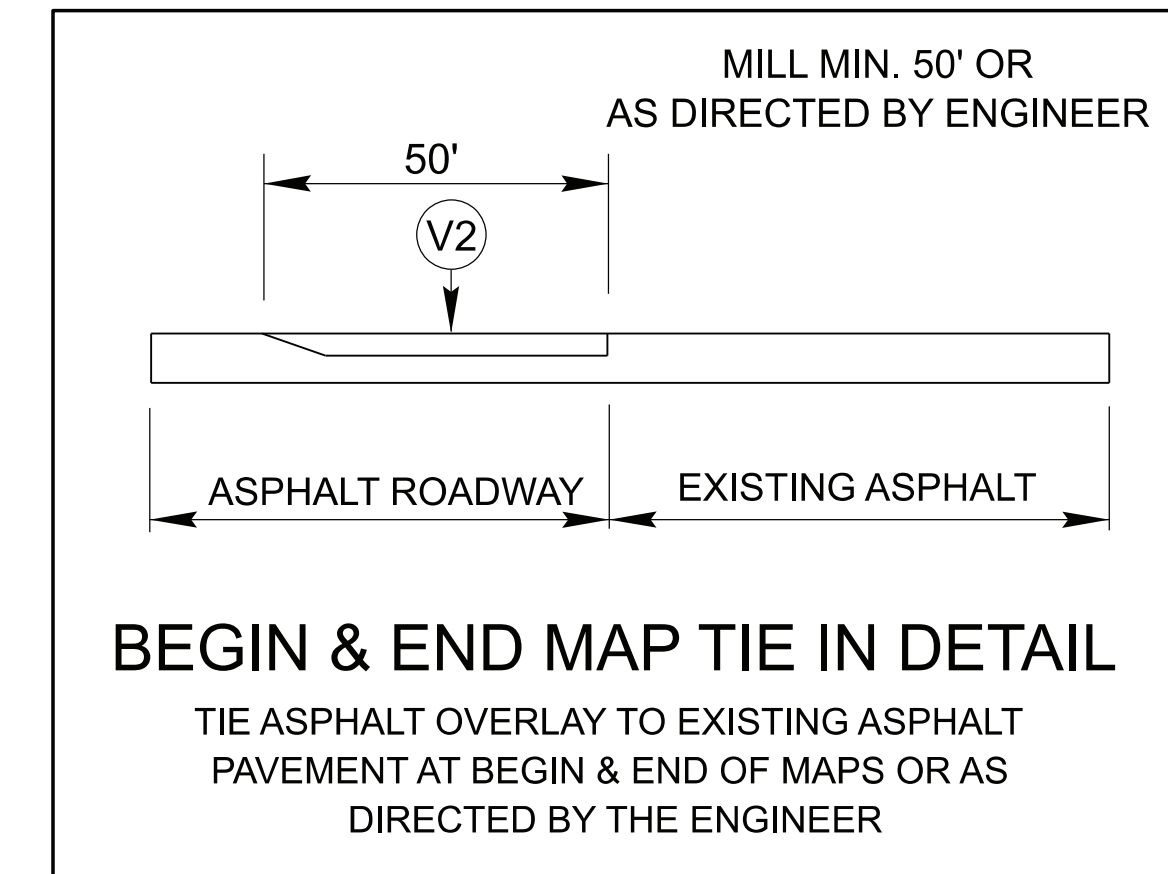
- MAP 2 - SR 1335 MEAT CAMP RD FROM SR 1340 TO NC 194
- MAP 3 - SR 1340 MEAT CAMP RD FROM SR 1335 TO SR 1384
- MAP 4 - SR 1523 DEERFIELD RD FROM SR 1522 TO SR 1514

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1 1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
F1	ASPHALT SURFACE TREATMENT, MAT COAT WITH NO.78M STONE
T	SHOULDER RECONSTRUCTION
U	EXISTING PAVEMENT
V1	MILLING OF EXISTING ASPHALT PAVEMENT AT DEPTH OF 1 1/2"
V2	INCIDENTAL MILLING (See Tie in Detail)



TYPICAL SECTION NO. 3

- MAP 5 - SR 1552 SHULLS MILL RD FROM SR 1557 TO SR 1541



NOTE: TYPICALS ARE NOT TO SCALE

DK00444

002

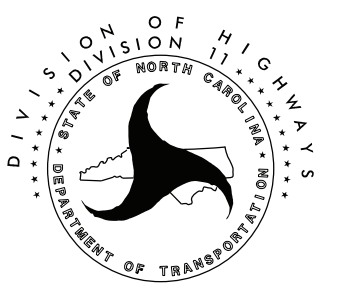
NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS



DIVISION ELEVEN

WATAUGA COUNTY
PRIMARY & SECONDARY
ROADS

2026 ASPHALT
RESURFACING



DATE: 8/25/2025
PREPARED BY: DLH

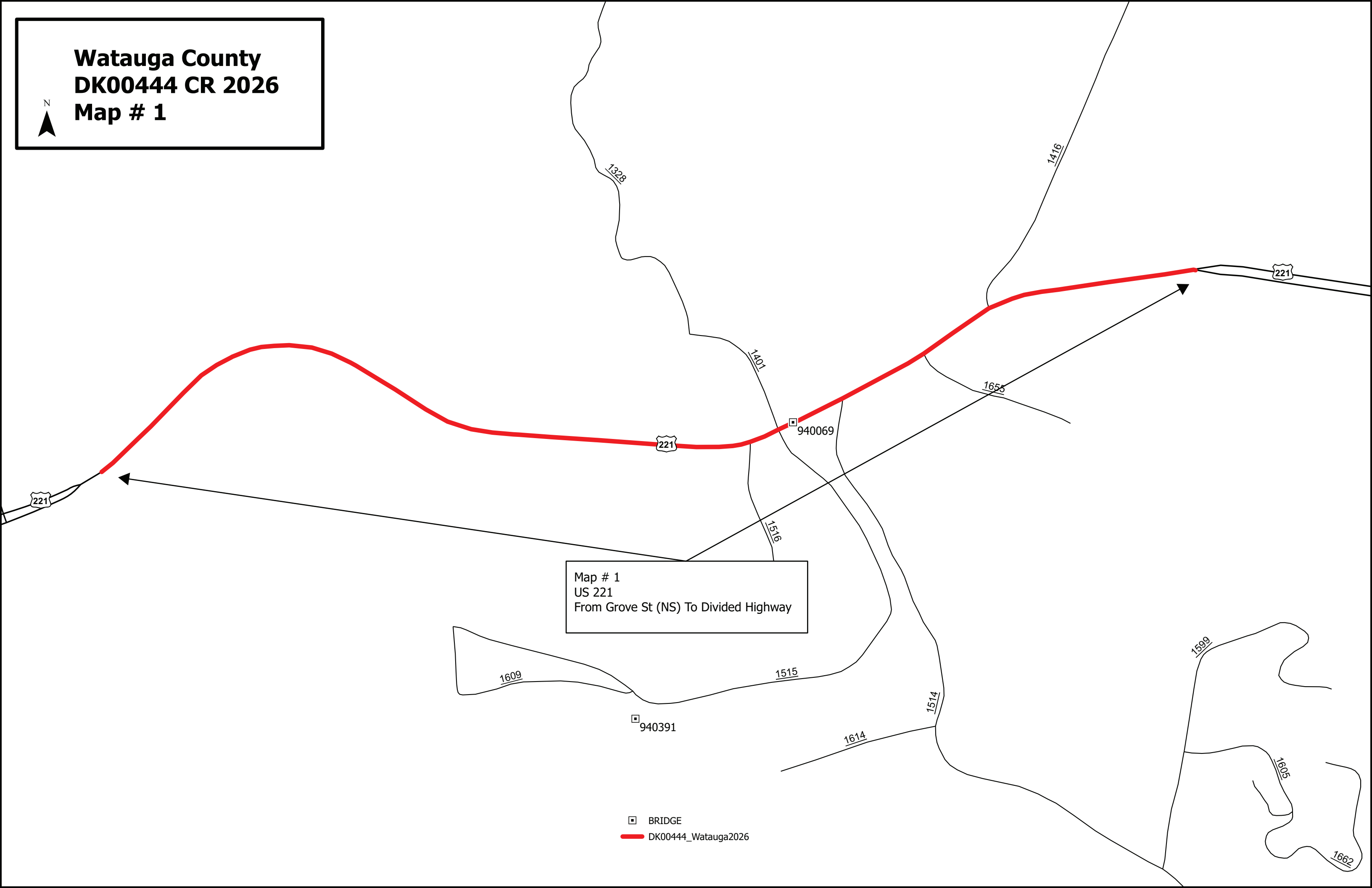
REVISIONS

2026 RESURFACING WATAUGA PRIMARY AND SECONDARY

																					PROJECT NUMBER	SHEET NO.		
																						DK00444	4	
THERMOPLASTIC AND PAINT QUANTITIES																								
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEGIN MP	END MP	4413000000-E WORK ZONE ADVANCE/GENERAL WARNING SIGNING	4510000000-N LAW ENFORCEMENT	4709000000-E THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)	4720000000-E THERMOPLASTIC MESSAGE STOP, 90 MIL	THERMOPLASTIC MESSAGE AHEAD, 90 MIL	THERMOPLASTIC LEFT ARROW, 90 MIL	THERMOPLASTIC STRAIGHT ARROW, 90 MIL	THERMOPLASTIC STRAIGHT AND RIGHT ARROW, 90 MIL	THERMOPLASTIC AND RIGHT ARROW, 90 MIL	HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINES, (4", 65 MIL)	4895000000-E POLYCARBONATE H-SHAPED MARKER		
								MI	FT			SF	HR	LF	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
2026CPT.11.01.10951	Watauga	1	US-221 US HWY 421 S	FROM GROVE ST (NS) TO BEGIN DIVIDED HWY	1	5	MU	1.65	60	16.71	18.36	176	80	200			50	18	8	4	15,840	436		
TOTAL FOR PROJ NO. 2026CPT.11.01.10951								1.65				176	80	200			50	18	8	4	15,840	436		
2026CPT.11.01.20951	Watauga	2	SR-1335 / MEAT CAMP ROAD	FROM SR 1340 TO NC 194	2	2	2WU	2.51	20	2.54	5.05	208									54,015			
2026CPT.11.01.20951	Watauga	3	SR-1340 / MEAT CAMP ROAD	FROM SR 1335 TO SR 1384	2	2	2WU	1.02	18	0	1.02	176									21,950			
2026CPT.11.01.20951	Watauga	4	SR-1523 / DEERFIELD ROAD	FROM SR 1522 TO SR 1514	2	2	2WU	1.88	20	0.86	2.74	176	80	94	8	10					40,458	124		
2026CPT.11.01.20951	Watauga	5	SR-1552 / SHULLS MILL ROAD	FROM SR 1557 TO SR 1541	3	2	2WU	2.67	18	3.82	6.49	226									61,978			
TOTAL FOR PROJ NO. 2026CPT.11.01.20951								8.08				786	80	94	8	10							178,401	124
GRAND TOTAL								9.73				962	160	294	8	10	50	18	8	4	194,241	560		

[MILE POST MAPS](#)

**Watauga County
DK00444 CR 2026
Map # 1**



Map # 1
US 221
From Grove St (NS) To Divided Highway

- ▣ BRIDGE
- DK00444_Watauga2026

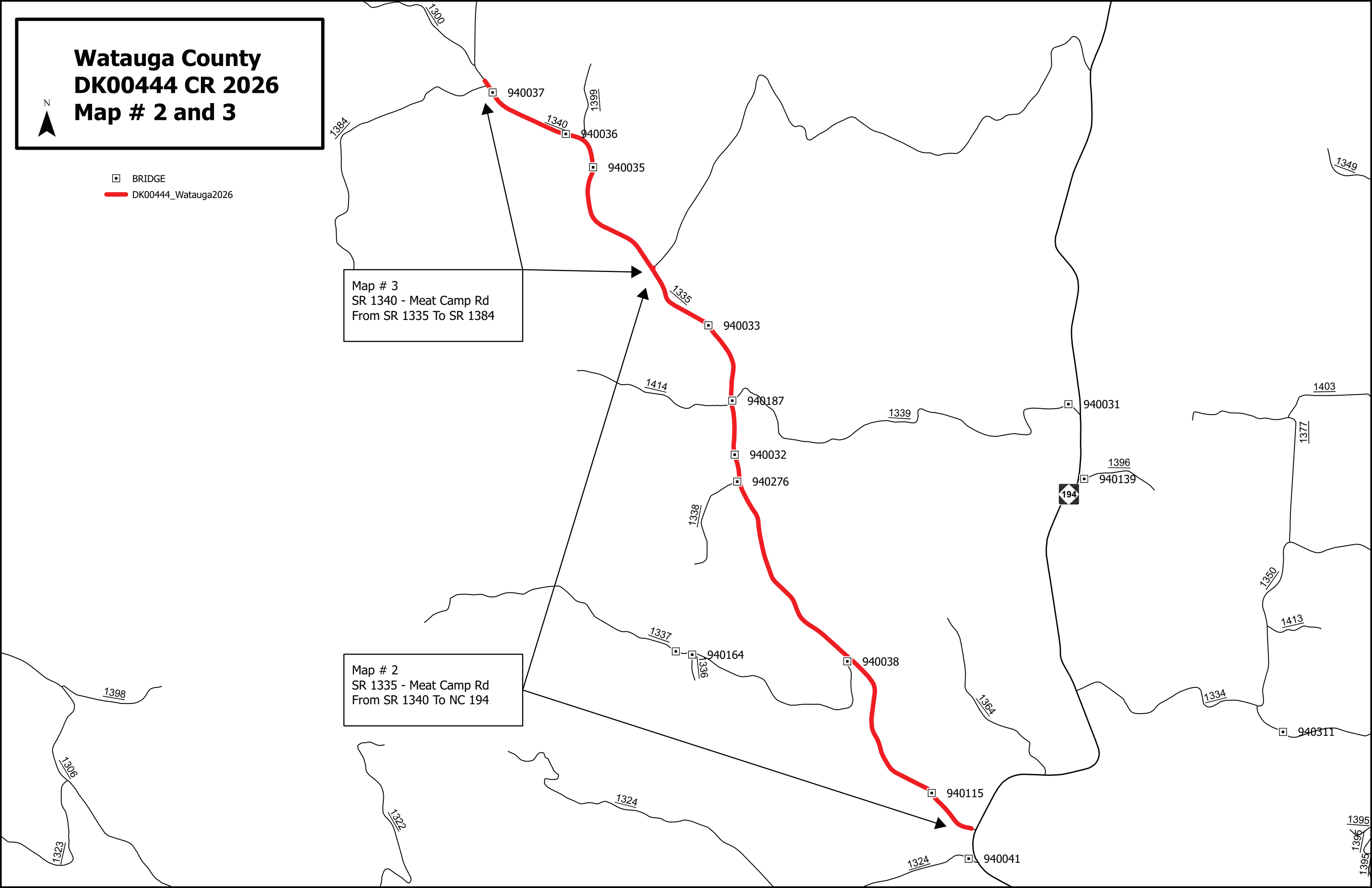
Watauga County DK00444 CR 2026 Map # 2 and 3



- ▣ BRIDGE
- DK00444_Watauga2026

Map # 3
SR 1340 - Meat Camp Rd
From SR 1335 To SR 1384

Map # 2
SR 1335 - Meat Camp Rd
From SR 1340 To NC 194

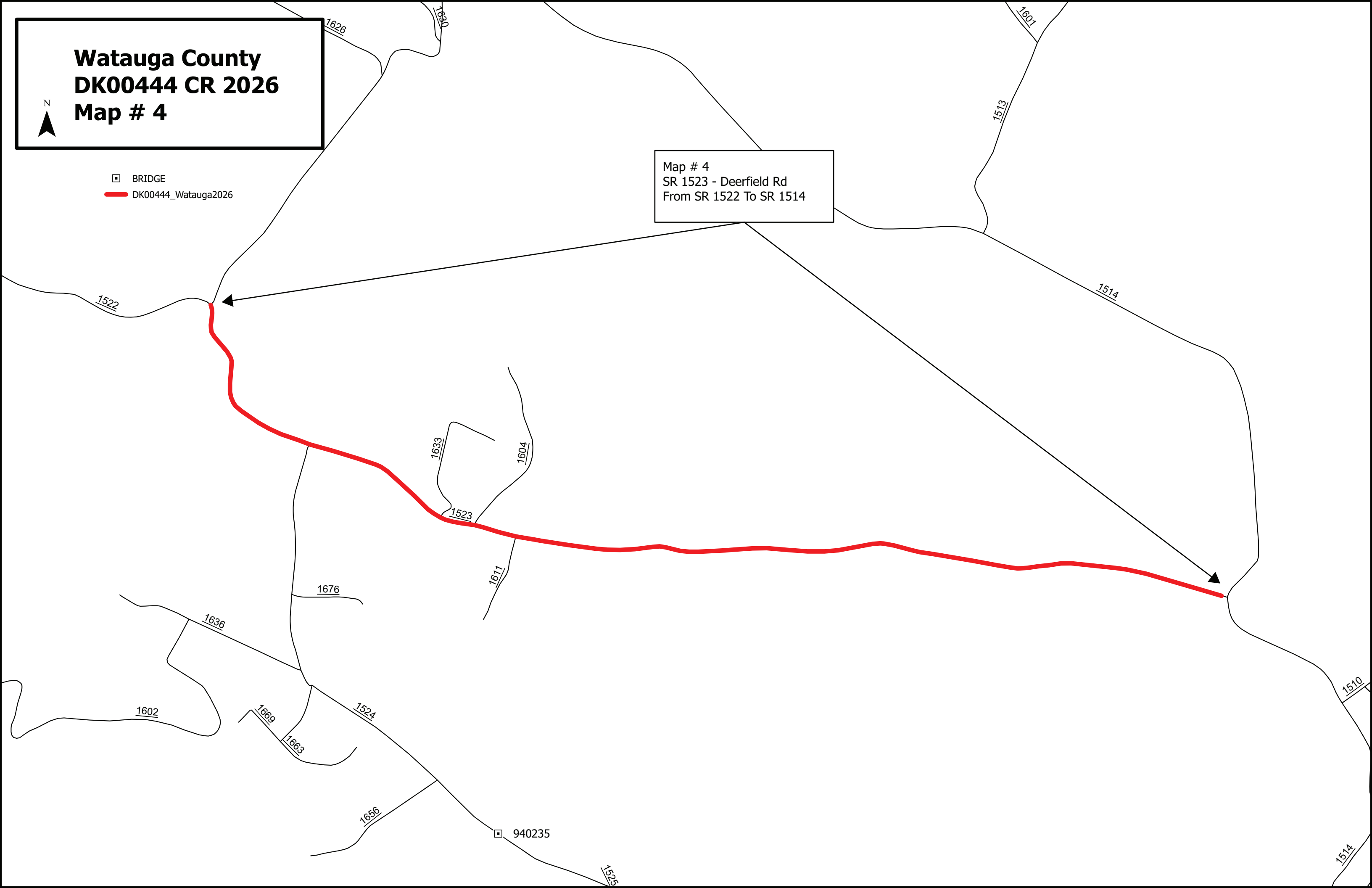


**Watauga County
DK00444 CR 2026
Map # 4**



- ▣ BRIDGE
- DK00444_Watauga2026

Map # 4
SR 1523 - Deerfield Rd
From SR 1522 To SR 1514

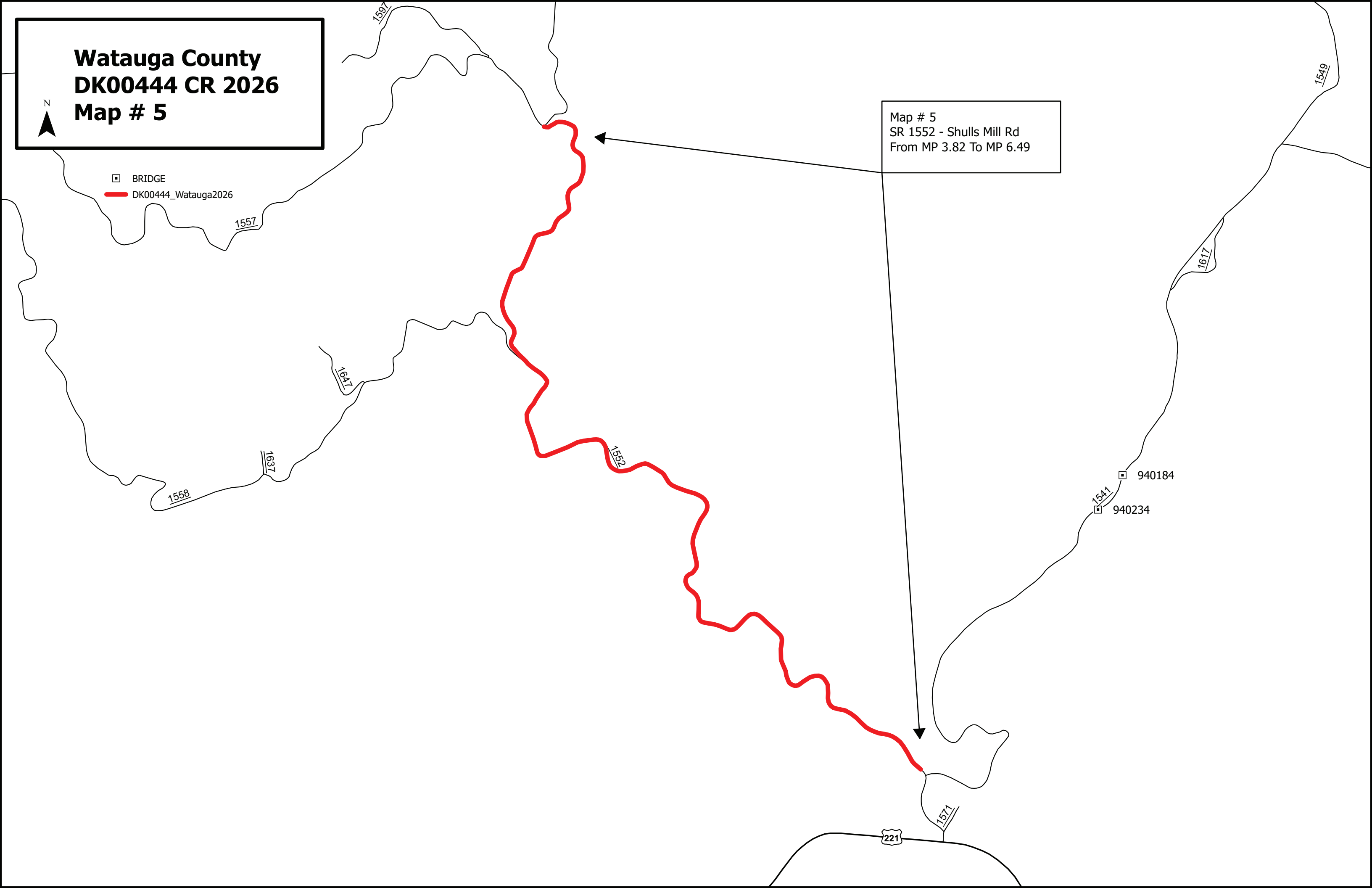


**Watauga County
DK00444 CR 2026
Map # 5**



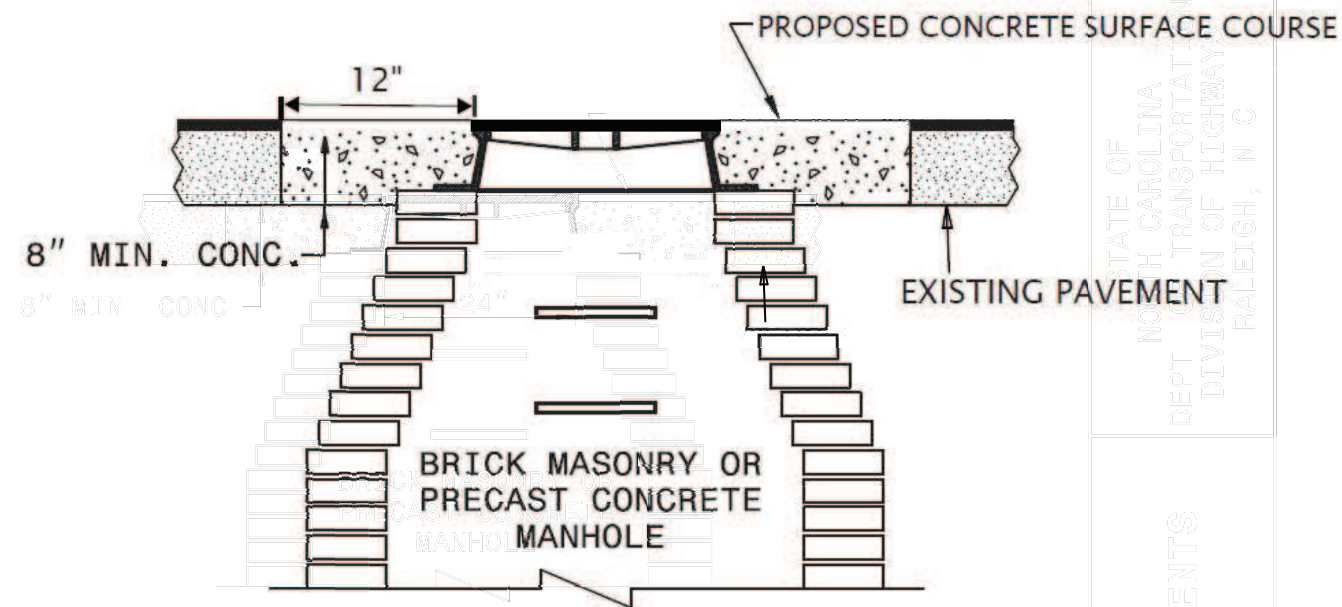
- ▣ BRIDGE
- DK00444_Watauga2026

Map # 5
SR 1552 - Shulls Mill Rd
From MP 3.82 To MP 6.49

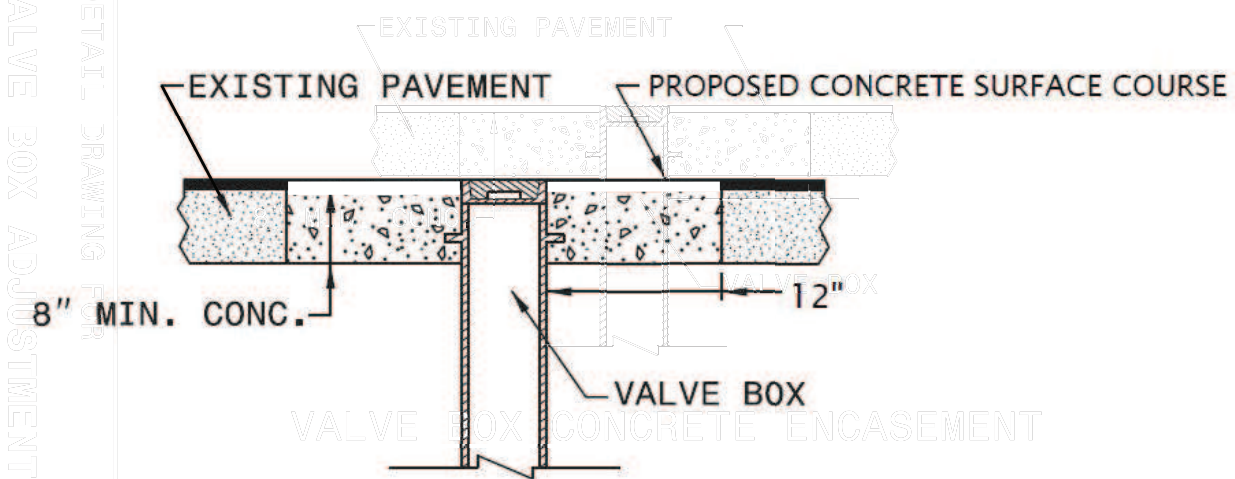


GENERAL NOTES:

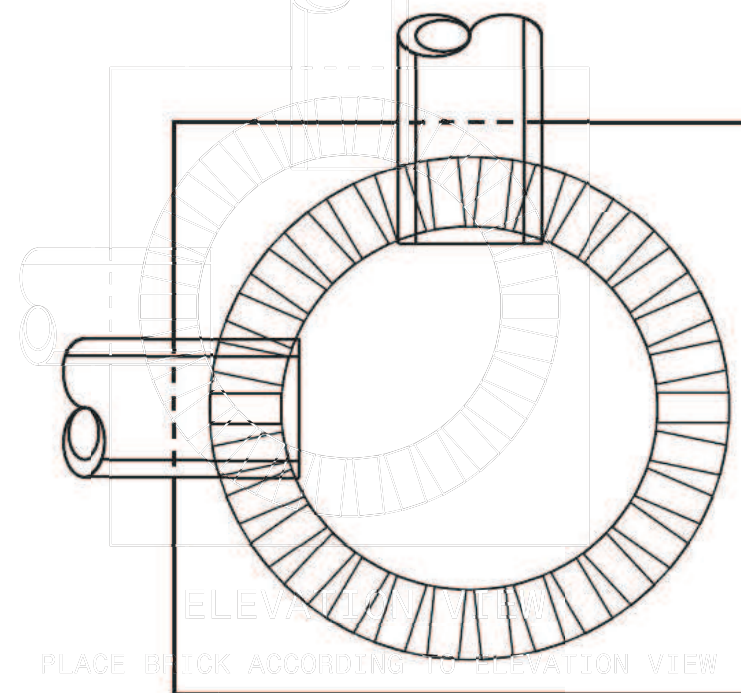
1. USE RAPID SET DYED CONCRETE WITH A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI.
2. REMOVE ALL FAULTY EXISTING BRICKWORK AND REPLACE WITH NEW BRICK MASONRY.
3. SHEER CUT RECTANGULAR EXCAVATION FOR THE ADJUSTMENT ON ALL SIDES. NO OVERSAW CUTS ALLOWED IN CORNERS.
4. FILL AREA BELOW 8" DEPTH WITH 78M OR 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\$\$\$\$\$

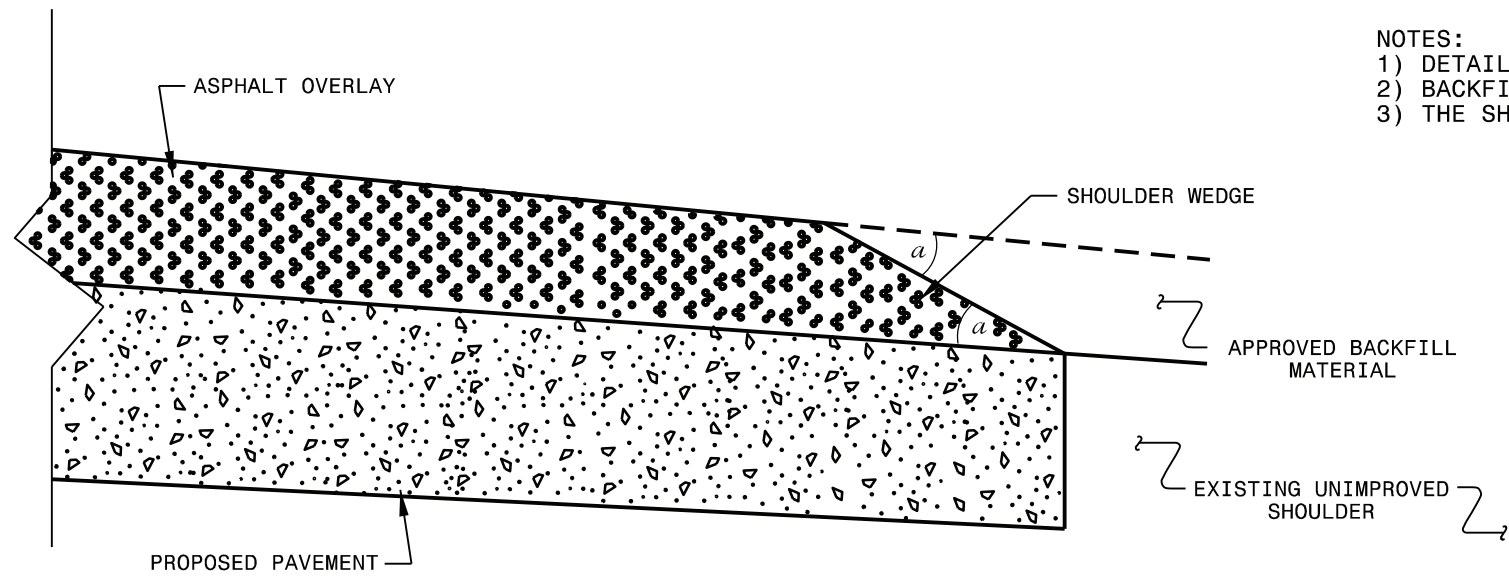
NCDOT
 DEPT. OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH, N.C.

ENGLISH DETAIL DRAWING FOR
 MANHOLE AND VALVE BOX ADJUSTMENTS

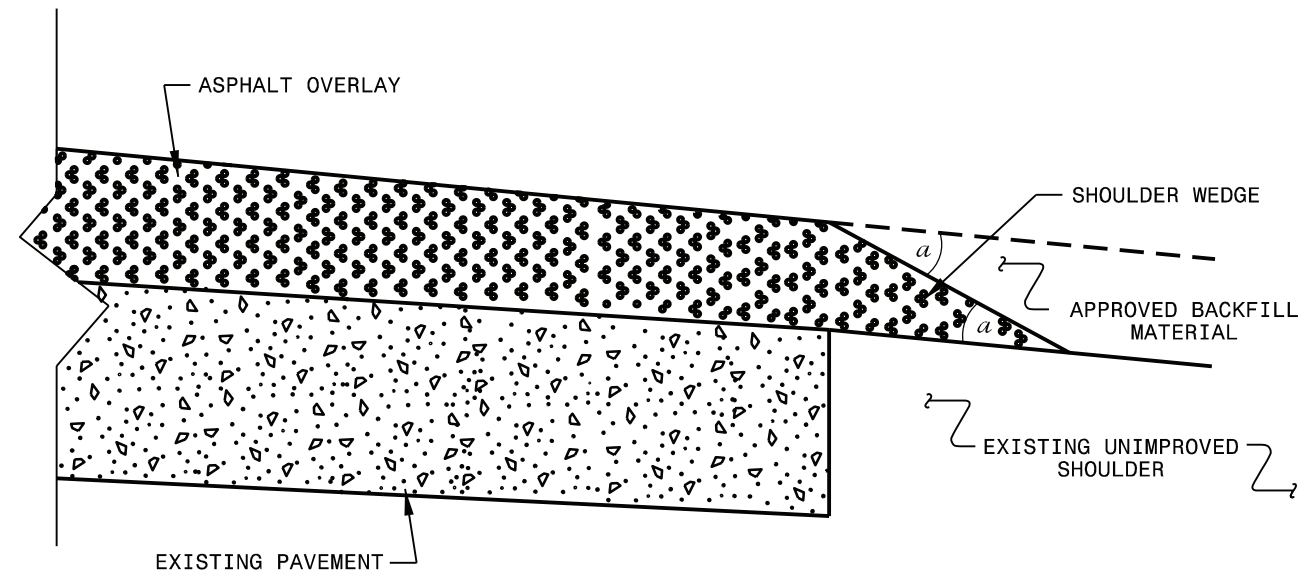
STATE OF NORTH CAROLINA
 DEPT. OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH, N.C.

ENGLISH DETAIL DRAWING FOR
 MANHOLE AND VALVE BOX ADJUSTMENTS

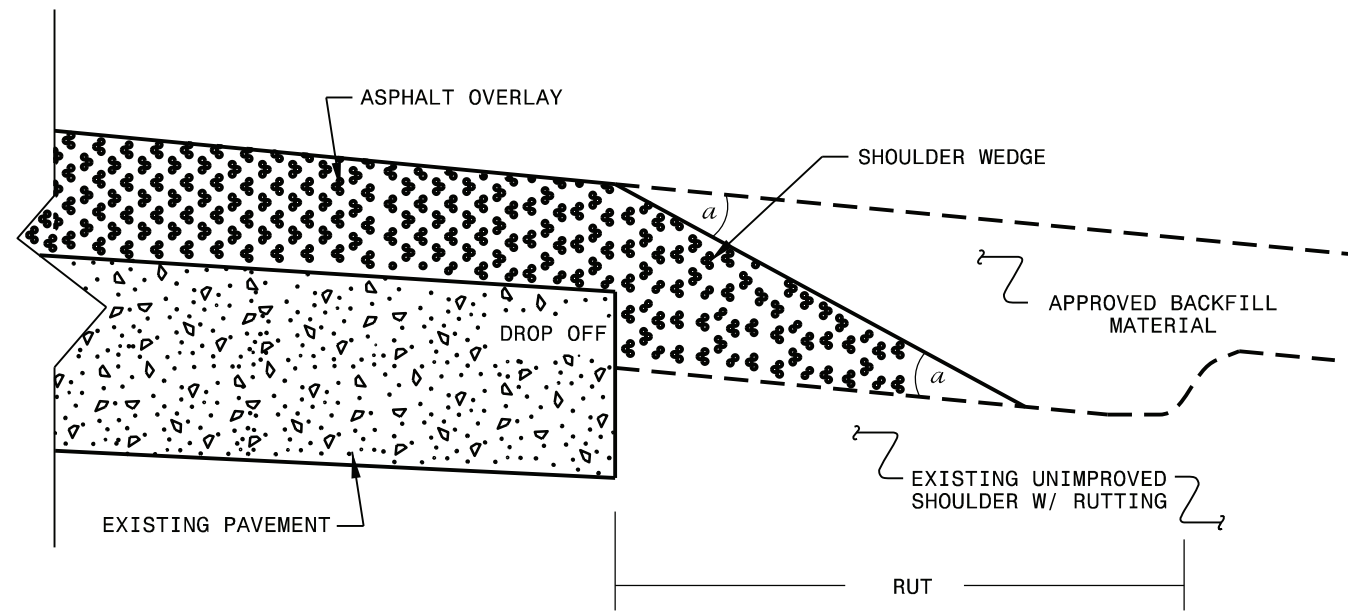
- NOTES:
 1) DETAIL DOES NOT APPLY TO OGAFD AND ULTRA-THIN BONDED WEARING COURSE.
 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS AND SIDE STREETS.



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°

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

SYSTEMS DESIGN
 USER NAME

