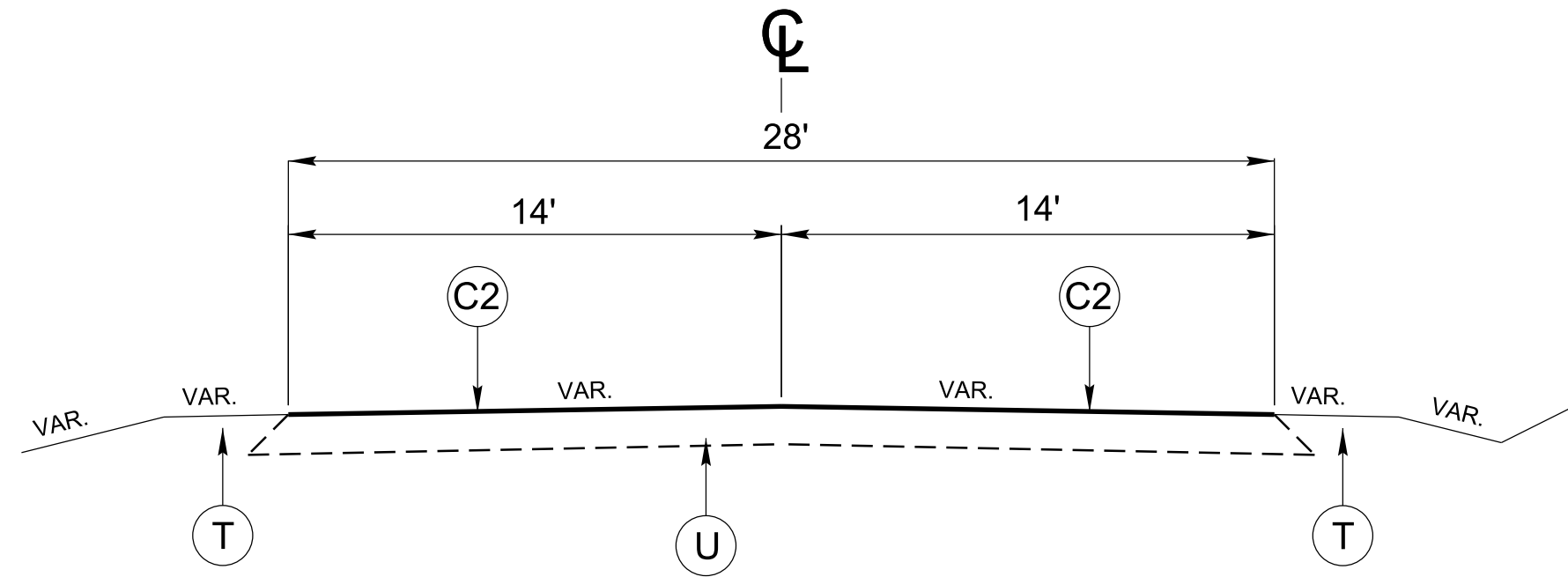


* "PATCHING EXISTING PAVEMENT" HAS BEEN INCLUDED AS A PAY ITEM ON MAPS. PATCHING MAY OR MAY NOT BE NEEDED DEPENDING ON CONDITION OF MAP SURFACE AT TIME THAT PAVING SEASON BEGINS. AREAS TO BE DELINIATED BY THE ENGINEER.

* INCIDENTAL MILLING AT LOCATIONS AS DIRECTED BY THE ENGINEER

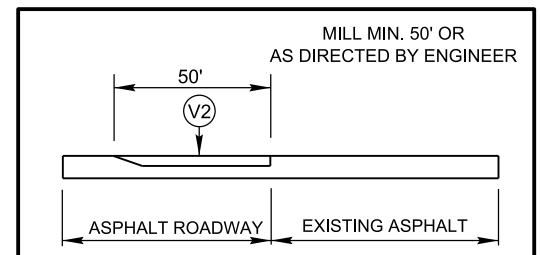
PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
C2	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
T	SHOULDER RECONSTRUCTION
U	EXISTING PAVEMENT
V1	MILLING OF EXISTING ASPHALT PAVEMENT AT DEPTH OF 1½"
V2	INCIDENTAL MILLING (See Tie in Detail)



TYPICAL SECTION NO. 1

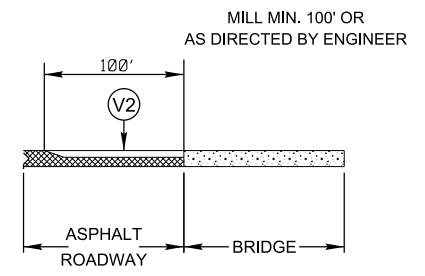
**MAP 1 - NC 16 FROM BRIDGE #011 OVER THE NEW RIVER TO US 221

[NOTE: FOR MAP 1 SEE INSET 2A, 2B, & SHEET 01 DETAILS]



BEGIN & END MAP TIE IN DETAIL

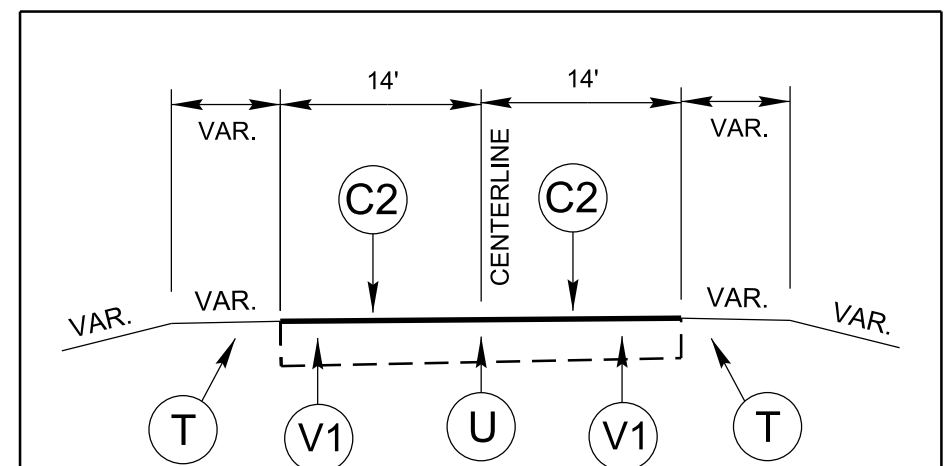
TIE ASPHALT OVERLAY TO EXISTING ASPHALT PAVEMENT AT BEGIN & END OF MAPS OR AS DIRECTED BY THE ENGINEER



BRIDGE TIE IN DETAIL

TIE ASPHALT OVERLAY TO BRIDGE APPROACH SLABS OR AS DIRECTED BY THE ENGINEER

NOTE: TYPICALS ARE NOT TO SCALE

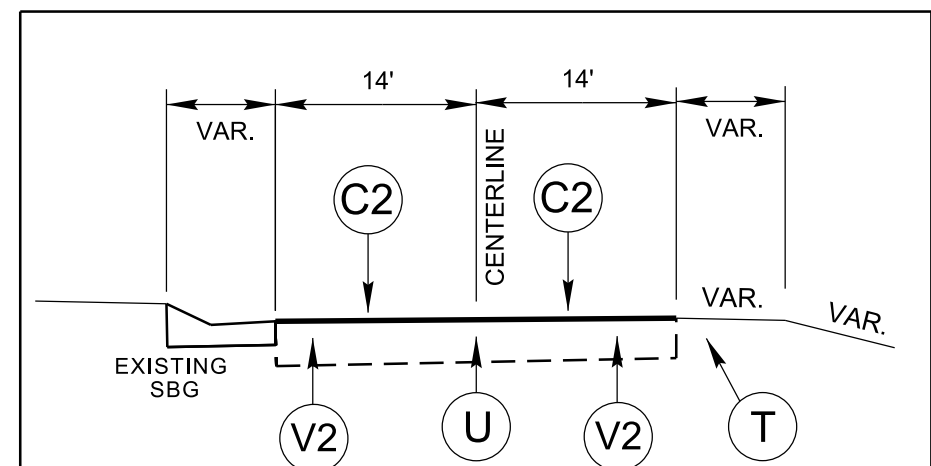


INSET NO. 2A **

MAP 1 - INSET 2A TO BE USED AT THE FOLLOWING LOCATIONS:

[NOTE MP IS REFERENCED FROM GOINC MAPS]

MP 7.05 TO MP 7.34



INSET NO. 2B **

MAP 1 - INSET 2B TO BE USED AT THE FOLLOWING LOCATIONS:

[NOTE MP IS REFERENCED FROM GOINC MAPS]

MP 8.97 TO MP 9.09

ASHE COUNTY PRIMARY & SECONDARY ROADS 2024 ASPHALT RESURFACING													
<table border="1" style="width: 100%;"> <thead> <tr> <th>REVISIONS</th> <th>INIT.</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>			REVISIONS	INIT.	DATE								
REVISIONS	INIT.	DATE											
N.C. DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS DIVISION ELEVEN		SCALE: N/A DATE: 1/11/2024 PREPARED BY: DLH REVIEWED BY: REVIEWED BY:											

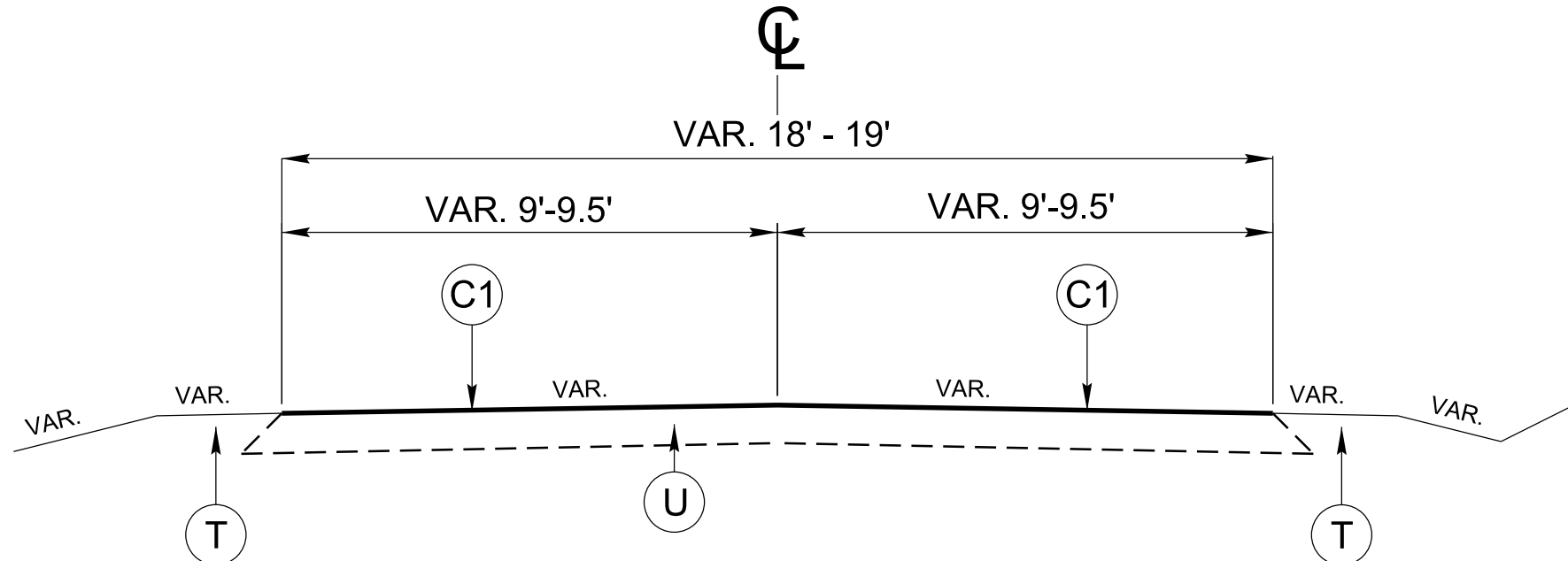
8/17/99
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* "PATCHING EXISTING PAVEMENT" HAS BEEN INCLUDED AS A PAY ITEM ON MAPS. PATCHING MAY OR MAY NOT BE NEEDED DEPENDING ON CONDITION OF MAP SURFACE AT TIME THAT PAVING SEASON BEGINS. AREAS TO BE DELINIATED BY THE ENGINEER.

* INCIDENTAL MILLING AT LOCATIONS AS DIRECTED BY THE ENGINEER

*** LEVELING AT LOCATIONS AS DIRECTED BY ENGINEER THE ENGINEER

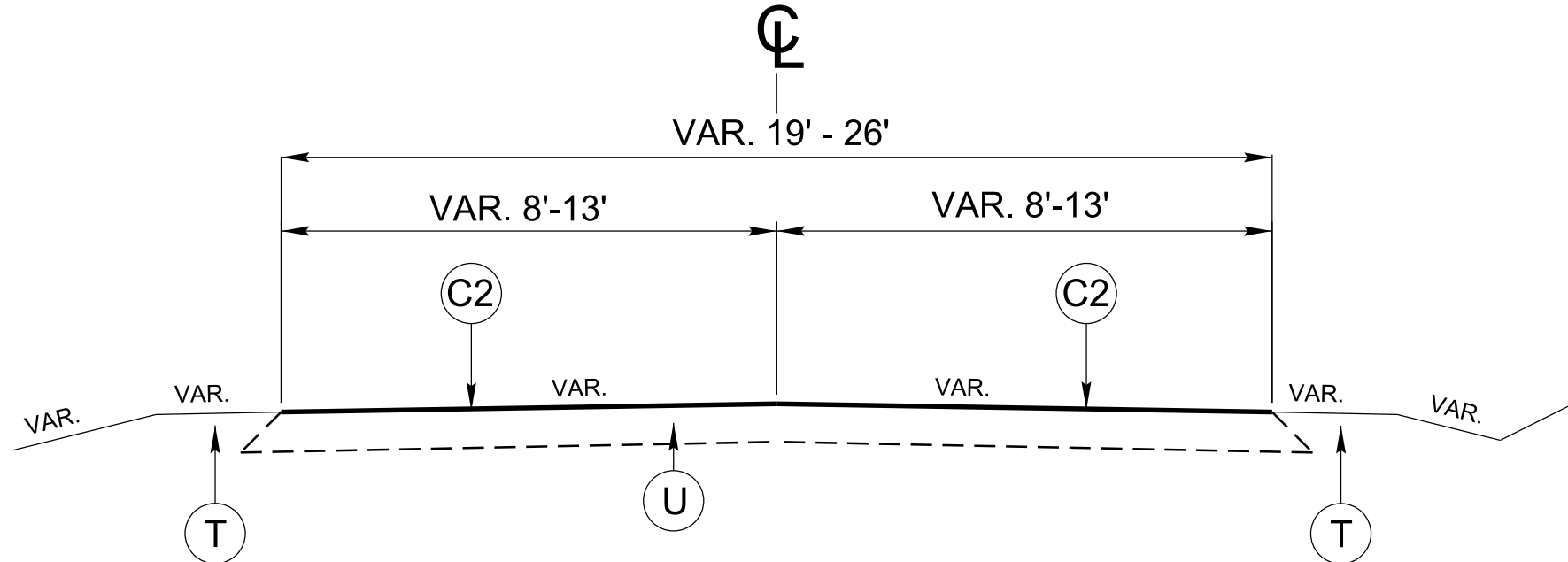
PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
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T	SHOULDER RECONSTRUCTION
U	EXISTING PAVEMENT
V1	MILLING OF EXISTING ASPHALT PAVEMENT AT DEPTH OF 1½"
V2	INCIDENTAL MILLING (See Tie in Detail)



TYPICAL SECTION NO. 2

***MAP 2 - SR 1552 FROM BOP OF SR 1559 TO SR 1558

***MAP 5 - SR 1593 FROM US 221 TO SR 1595

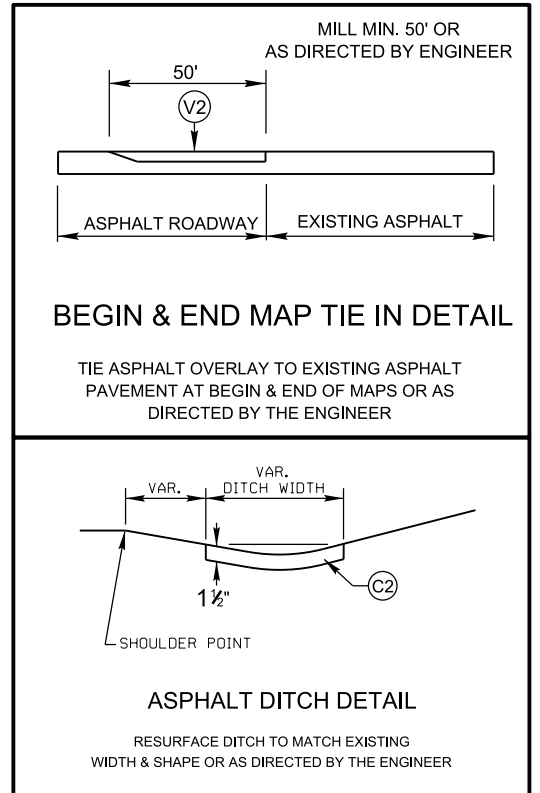


TYPICAL SECTION NO. 3

MAP 3 - SR 1552 FROM SR 1558 TO SR 1567

MAP 4 - SR 1558 FROM SR 1552 TO EOP

MAP 6 - SR 1664 FROM US 221 BUS TO HOSPITAL



*** Note: An asphalt ditch is present on map 6 from MP 0.12 - 0.17 (RT Shld). The contractor is to clean the ditch and refer to the corresponding detail for resurfacing guidance as directed by the engineer.

NOTE: TYPICALS ARE NOT TO SCALE

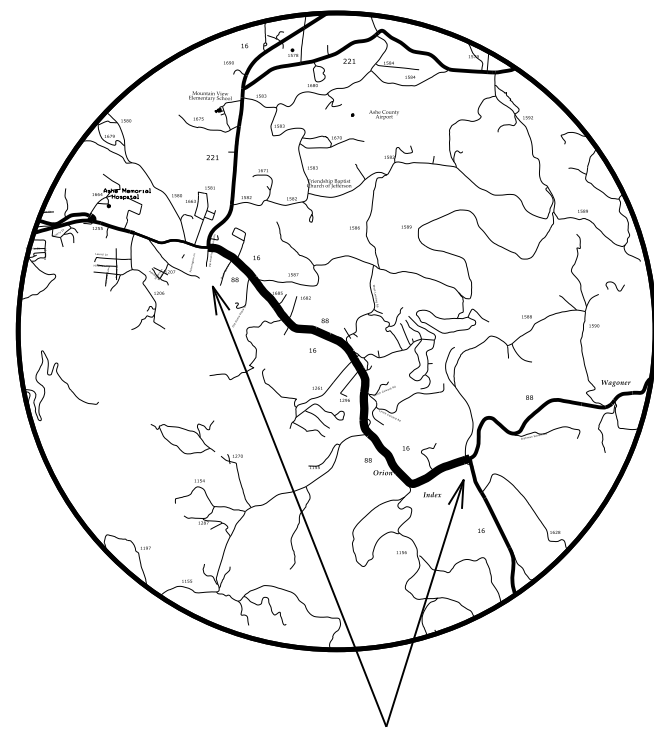
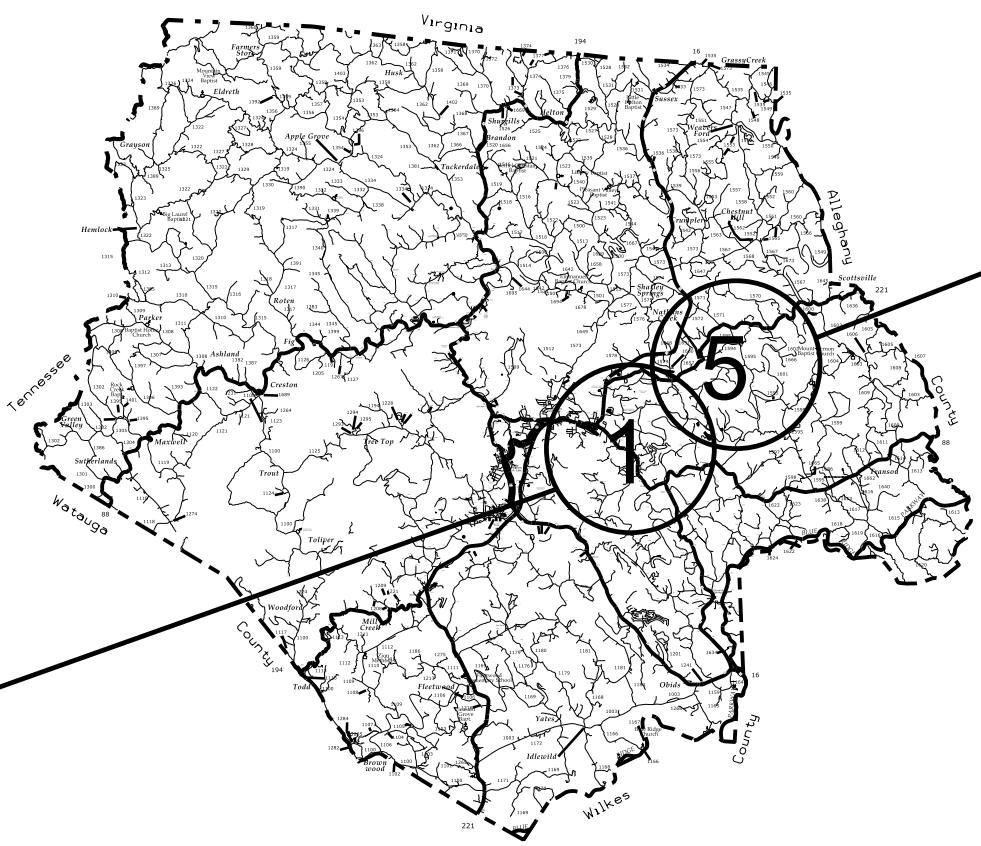
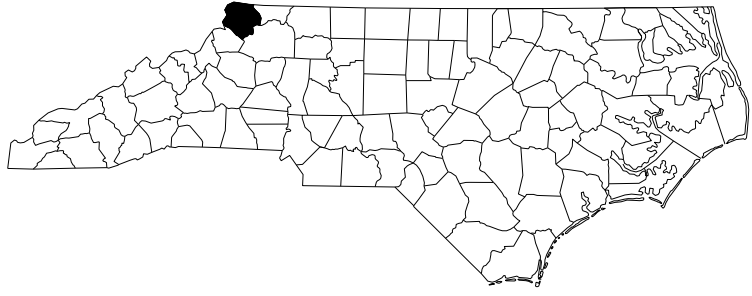
ASHE COUNTY PRIMARY & SECONDARY ROADS 2024 ASPHALT RESURFACING													
<table border="1" style="width: 100%;"> <thead> <tr> <th>REVISIONS</th> <th>INIT.</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>			REVISIONS	INIT.	DATE								
REVISIONS	INIT.	DATE											
N.C. DEPARTMENT of TRANSPORTATION DIVISION of HIGHWAYS DIVISION ELEVEN		<table border="1" style="width: 100%;"> <tr> <td>SCALE: N/A</td> <td>DATE: 1/11/2024</td> </tr> <tr> <td>PREPARED BY: DLH</td> <td> </td> </tr> <tr> <td>REVIEWED BY: </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </table>	SCALE: N/A	DATE: 1/11/2024	PREPARED BY: DLH		REVIEWED BY:						
SCALE: N/A	DATE: 1/11/2024												
PREPARED BY: DLH													
REVIEWED BY:													

8/17/99
 22-JAN-2024 11:57
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ASHE COUNTY

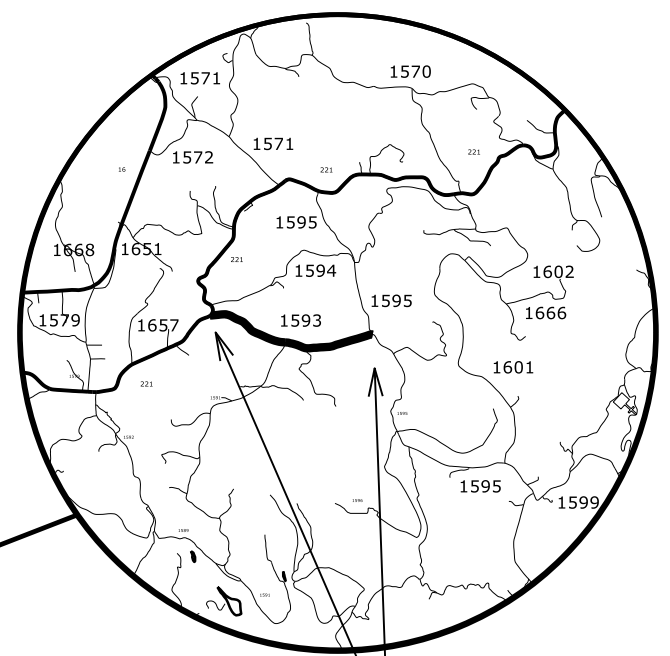
TYPE OF WORK: ASPHALT RESURFACING
MAPS # 1 AND # 5

2024



MAP #1

* NC 16 - (3.05mi.)
(FROM BRIDGE#011 OVER THE
NEW RIVER TO US 221)



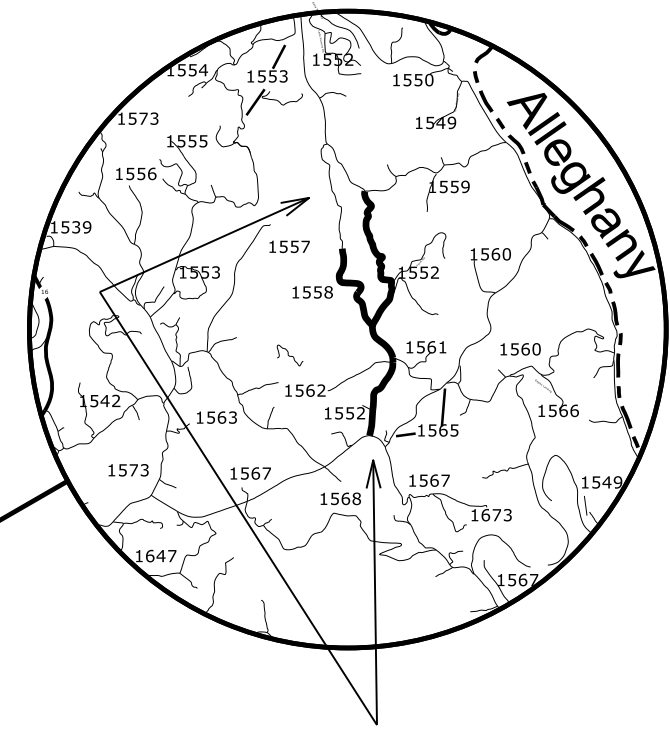
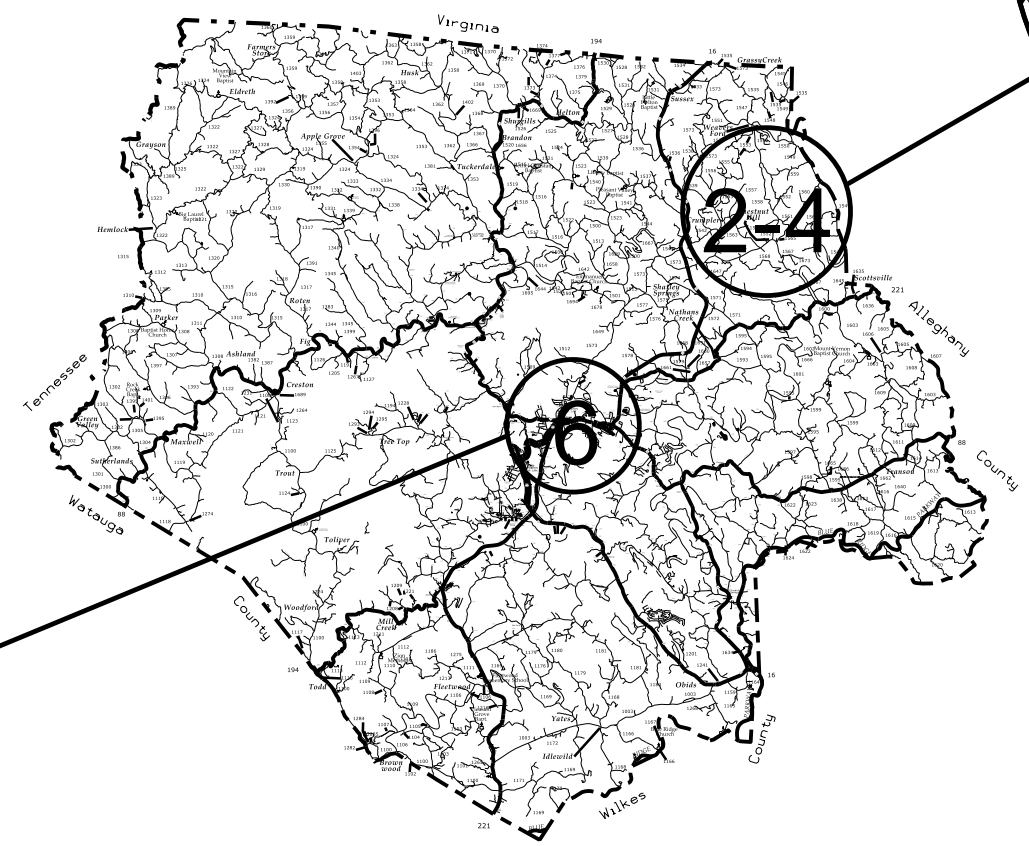
MAP #5

* SR 1593 - (1.35mi.)
(FROM US 221 TO SR 1595)

ASHE COUNTY

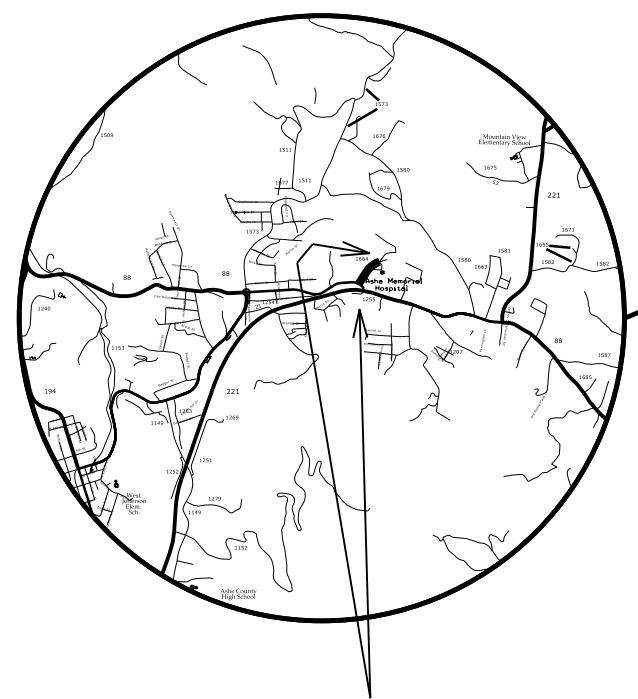
TYPE OF WORK: ASPHALT RESURFACING
MAPS # 2 THRU # 4, & #6

2024



MAPS #2 - #4

- * SR 1552 - (1.26mi.)
(FROM SR 1559 [BOP] TO SR 1558)
- * SR 1552 - (0.96mi.)
(FROM SR 1558 TO SR 1567)
- * SR 1558 - (0.62mi.)
(FROM SR 1552 TO END PVMT)



MAP #6

- * SR 1664 - (0.20mi.)
(FROM US 221 BUS TO HOSPITAL)

PROJECT NO.		SHEET NO.
DK00376		5

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEGIN MP	END MP	1220000000-E	1245000000-E	1260000000-E	1297000000-E	1330000000-E	1519000000-E	1520000000-E	1523000000-E	1575000000-E	1704000000-E	2815000000-N
												INCIDENTAL STONE BASE	SHOULDER RECONSTRUCTION	AGGREGATE SHOULDER BORROW	1½" MILLING	INCIDENTAL MILLING	SURFACE COURSE, S9.5B	LEVELING COURSE, TYPE S9.5B	SURFACE COURSE, S9.5C	ASPHALT BINDER FOR PLANT MIX	PATCHING EXISTING PAVEMENT	ADJUST DROP INLET
												TONS	SMI	TON	SY	SY	TONS	TON	TONS	TON	TONS	EA
2024CPT.11.04.10051	Ashe	1	NC-16	FROM BRIDGE # 011 OVER THE NEW RIVER TO US 221	1	2	2WU	3.05	28	7.05	10.1	61	6.10	1,678	4,436	2,436			4,861	316	605	4
TOTAL FOR PROJ NO. 2024CPT.11.04.10051								3.05				61	6.10	1,678	4,436	2,436			4,861	316	605	4
2024CPT.11.04.20051	Ashe	2	SR-1552 / WILLIE BROWN RD	FROM SR 1559/BOP TO SR 1558	2	2	2WU	1.26	19	1.71	2.97	25	2.52	693			1,341	581		125		
2024CPT.11.04.20051	Ashe	3	SR-1552 / WILLIE BROWN RD/WILEY F GAMBILL RD	FROM SR 1558 TO SR 1567	3	2	2WU	0.96	19	2.97	3.93	19	1.92	528		106			1,040	69	163	
2024CPT.11.04.20051	Ashe	4	SR-1558 / FRED PUGH RD	FROM SR 1552 TO END PVMT	3	2	2WU	0.62	20	0	0.62	12	1.24	341					707	47	105	
2024CPT.11.04.20051	Ashe	5	SR-1593 / J E GENTRY RD	FROM US 221 TO SR 1595	2	2	2WU	1.35	18	0	1.35	27	2.70	743		14	1,362	590		127		
2024CPT.11.04.20051	Ashe	6	SR-1664 / HOSPITAL AVE	FROM US 221 BUS TO HOSPITAL	3	2	2WU	0.2	26	0	0.2	10	0.20			400			296	19	25	
TOTAL FOR PROJ NO. 2024CPT.11.04.20051								4.39				93	8.58	2,305		520	2,703	1,171	2,043	387	293	
GRAND TOTAL								7.44				154	14.68	3,983	4,436	2,956	2,703	1,171	6,904	703	898	4

Please Click or Scan QR Code for NCDOT Map with Mile Postings. This should be the only map used to locate routes.



<https://ncdot.maps.arcgis.com/home/webmap/viewer.html?webmap=26d34349404844898365eabce2237775>

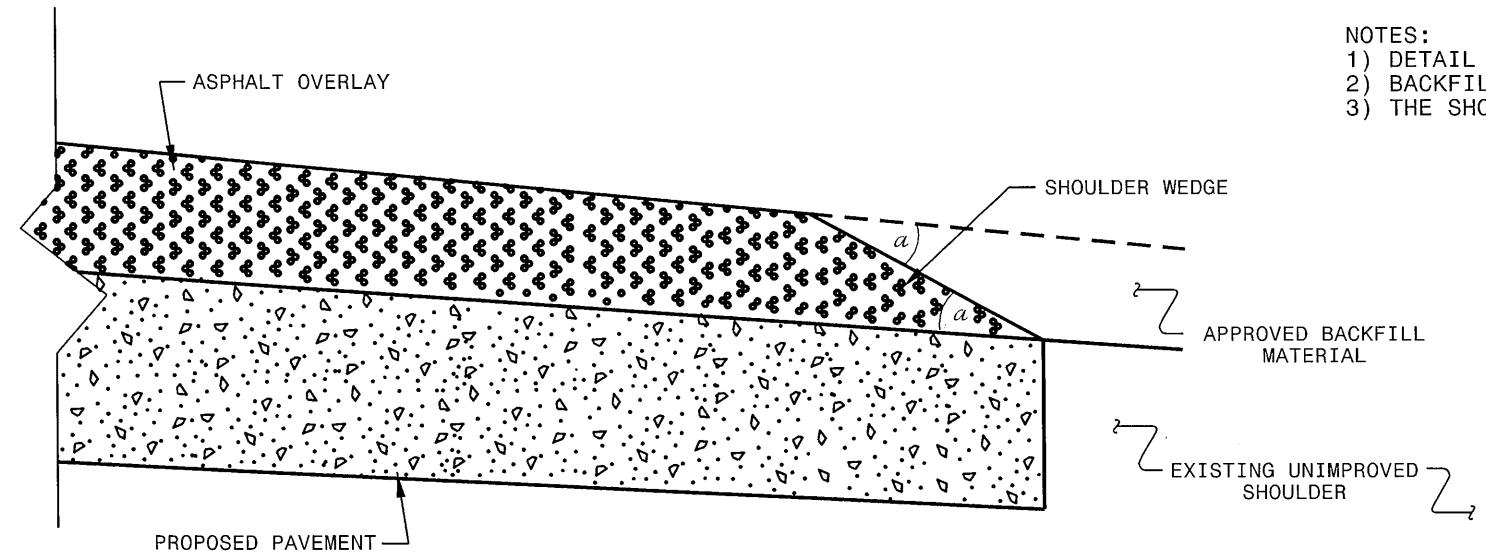
													PROJECT NO.		SHEET NO.				
													DK00376		6				
THERMOPLASTIC AND PAINT QUANTITIES																			
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEGIN MP	END MP	4413000000-E	4695000000-E	4709000000-E	4725000000-E		4890000000-E	4905100000-N	
												WORK ZONE ADVANCE/GENERAL WARNING SIGNING	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS) YELLOW	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS) WHITE	THERMOPLASTIC LT ARROW 90 MILS	THERMOPLASTIC RT ARROW 90 MILS	GENERIC MARKING ITEM, HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINES (4", 55 MILS)	MARKING ITEM NON- CAST IRON SNOW FLOWABLE MARKER	
												SF	LF	LF	EA	EA	LF	EA	
2024CPT.11.04.10051	Ashe	1	NC-16	FROM BRIDGE # 011 OVER THE NEW RIVER TO US 221	1	2	2WU	3.05	28	7.05	10.1		397	120		4	1	65,636	201
TOTAL FOR PROJ NO. 2024CPT.11.04.10051								3.05					397	120		4	1	65,636	201
													5		65,636				
2024CPT.11.04.20051	Ashe	2	SR-1552 / WILLIE BROWN RD	FROM SR 1559/BOP TO SR 1558	2	2	2WU	1.26	19	1.71	2.97		164					27,115	
2024CPT.11.04.20051	Ashe	3	SR-1552 / WILLIE BROWN RD/WILEY F GAMBILL RD	FROM SR 1558 TO SR 1567	3	2	2WU	0.96	19	2.97	3.93		125					20,659	
2024CPT.11.04.20051	Ashe	4	SR-1558 / FRED PUGH RD	FROM SR 1552 TO END PVMT	3	2	2WU	0.62	20	0	0.62		81					13,342	
2024CPT.11.04.20051	Ashe	5	SR-1593 / J E GENTRY RD	FROM US 221 TO SR 1595	2	2	2WU	1.35	18	0	1.35		176					29,052	
2024CPT.11.04.20051	Ashe	6	SR-1664 / HOSPITAL AVE	FROM US 221 BUS TO HOSPITAL	3	2	2WU	0.2	26	0	0.2		26	30				4,304	
TOTAL FOR PROJ NO. 2024CPT.11.04.20051								4.39					572	30				94,472	
													5		160,108				
GRAND TOTAL								7.44					969	120,000	30	4	1	160,108	201

Please Click or Scan QR Code for NCDOT Map with Mile Postings. This should be the only map used to locate routes.

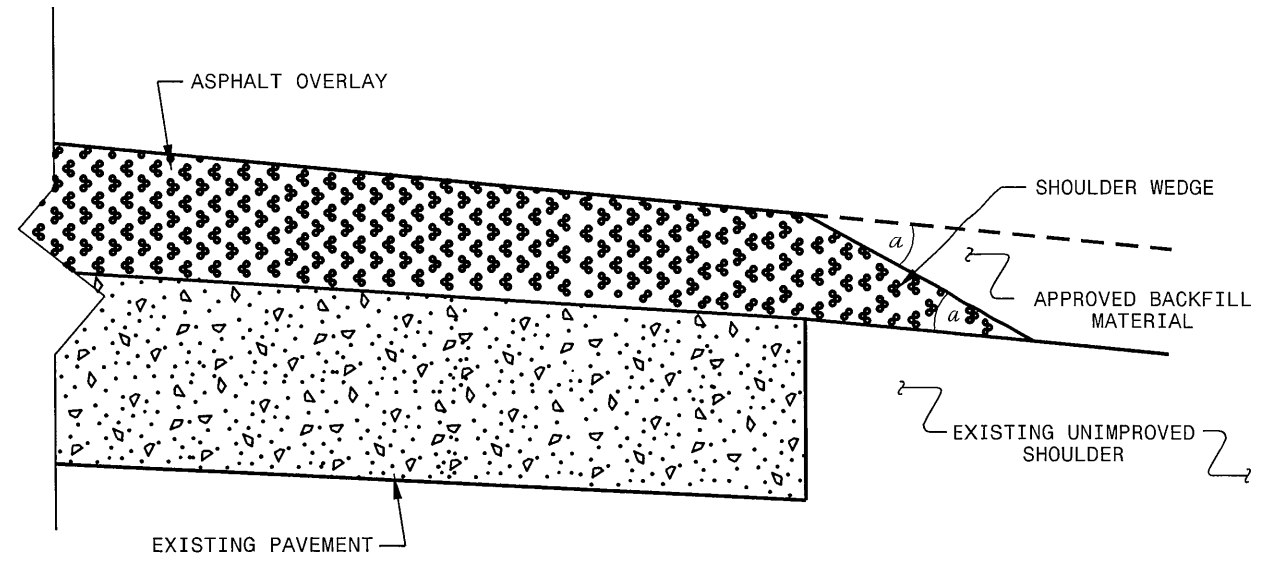


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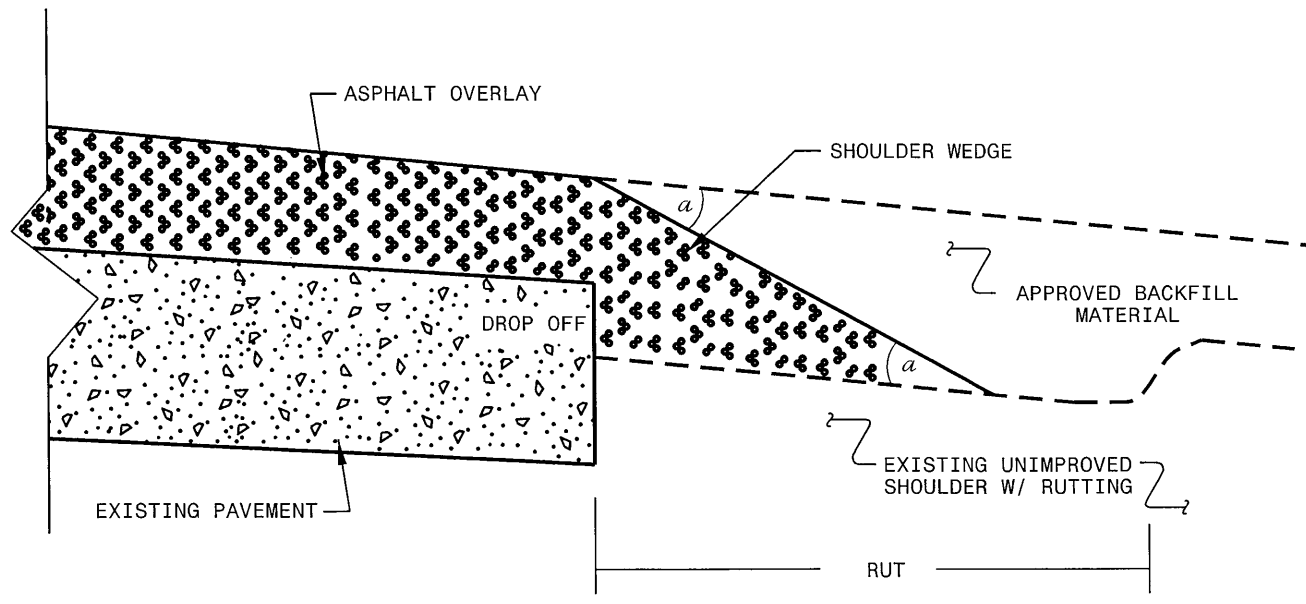
- NOTES:
- 1) DETAIL DOES NOT APPLY TO OGAFPC AND ULTRA-THIN BONDED WEARING COURSE.
 - 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
 - 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS AND SIDE STREETS.



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

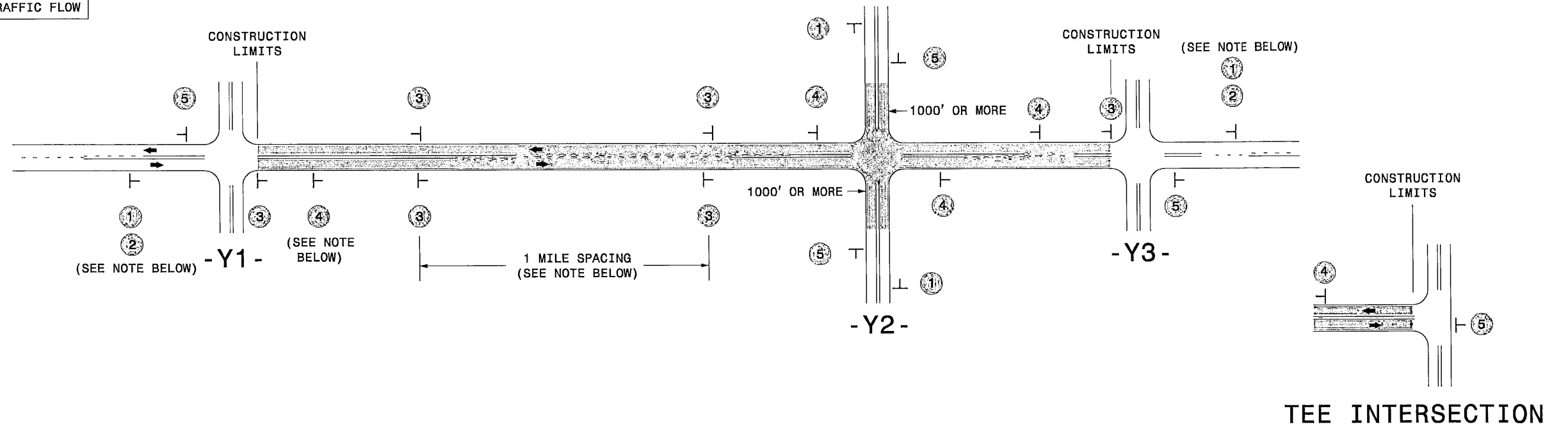
**SHOULDER WEDGE
 DETAILS**

ORIGINAL BY: T.SPELL DATE: 7-19-11
 MODIFIED BY: DATE: 10/16/12
 CHECKED BY: DATE:
 FILE SPEC.: s:\usr\detail\stand\shoulderwedge\detail.dgn

CONSULTANTS
 CIVIL ENGINEERS
 10101 RAVENHURST DRIVE
 DALLAS, TEXAS 75243-3388
 972-440-8800

SIGNING FOR RESURFACING PROJECTS

LEGEND
 STATIONARY SIGN
 DIRECTION OF TRAFFIC FLOW

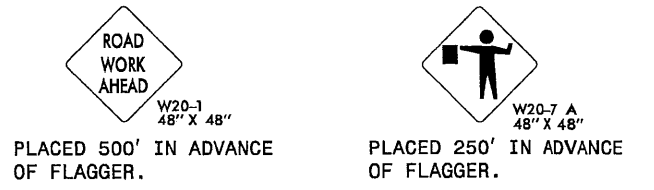


SIGNING NOTES AND PLACEMENT PER DIRECTION	 	 W20-1 48" X 48" W7-3aP 24" X 18"	PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE. #2 SIGN ONLY USED WHEN CONSTRUCTION LIMITS ARE 2 OR MORE MILES IN LENGTH. ROUND UP TO NEXT WHOLE NUMBER. (NO FRACTIONAL OR DECIMAL NUMBERS)	
		 SP 13107 48" X 48"	- 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.	
		 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. - FOR TEE INTERSECTIONS, INSTALL WITHIN 500' +/- OF THE INTERSECTION ALONG -L- LINE.	
		 G20-2 A 48" X 24"	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

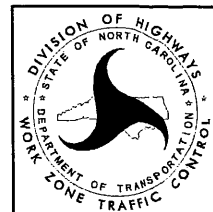
WHEN PAVING/CONSTRUCTION ACTIVITIES PROCEED ACROSS AN UNSIGNED -Y- LINE, PORTABLE ADVANCE WARNING SIGNS SHALL BE USED ALONG THE -Y- LINE AS SHOWN BELOW. REMOVE UPON COMPLETION OF WORK.



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 5:11:11 PM \\VZTC\Resurfacing\2L2W & AST Resurfacing Det\td\Resurfacing_AdvWarn_2Ln.dgn User:keddis