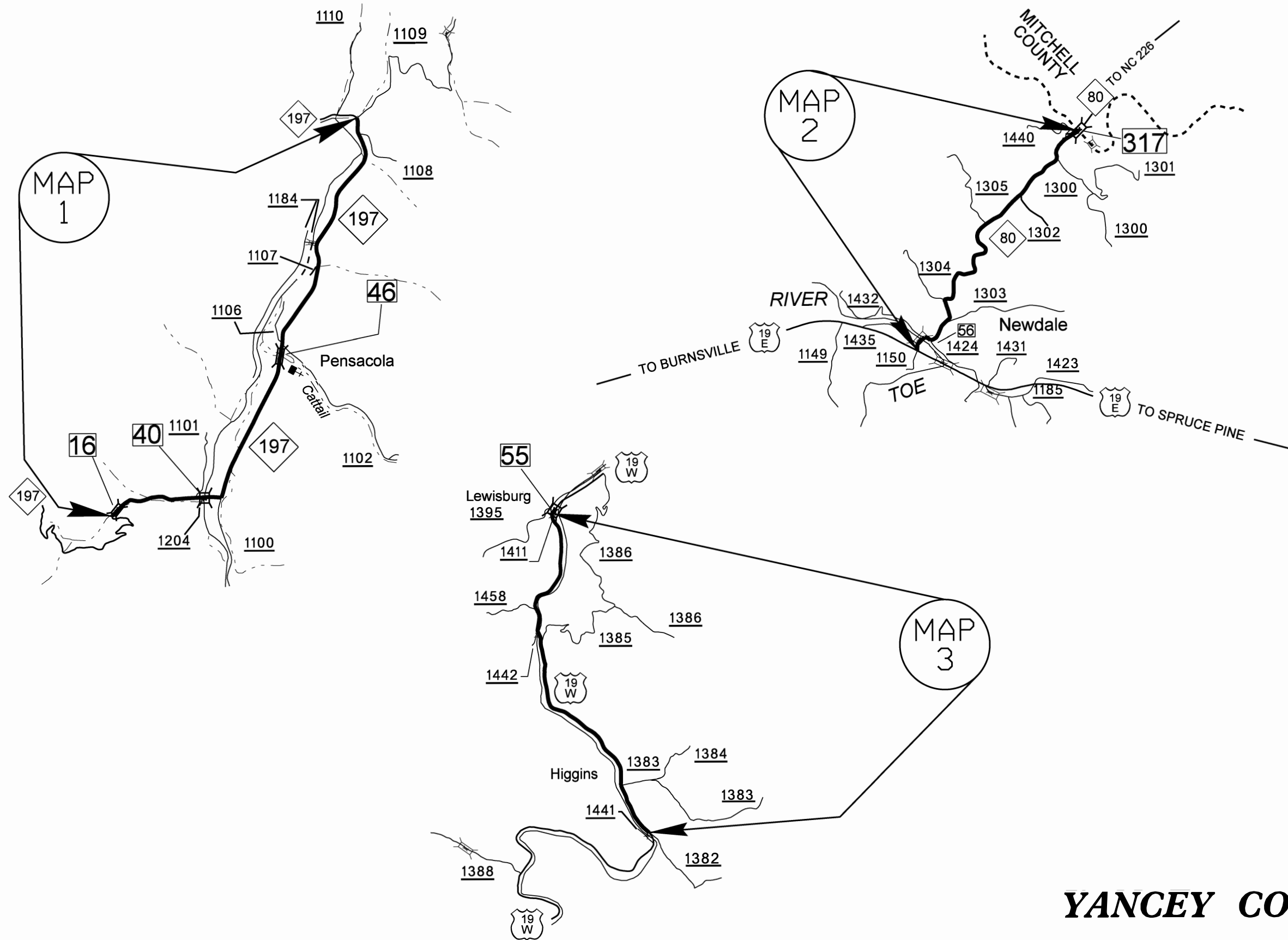
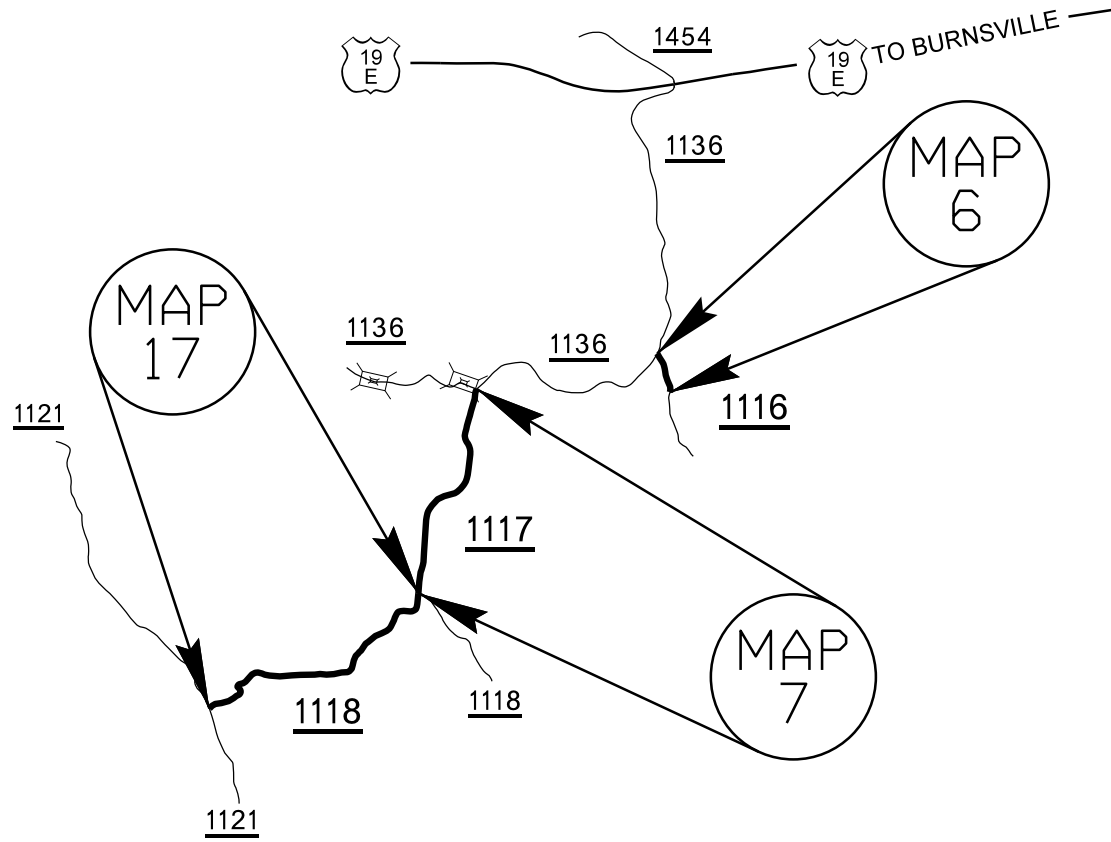
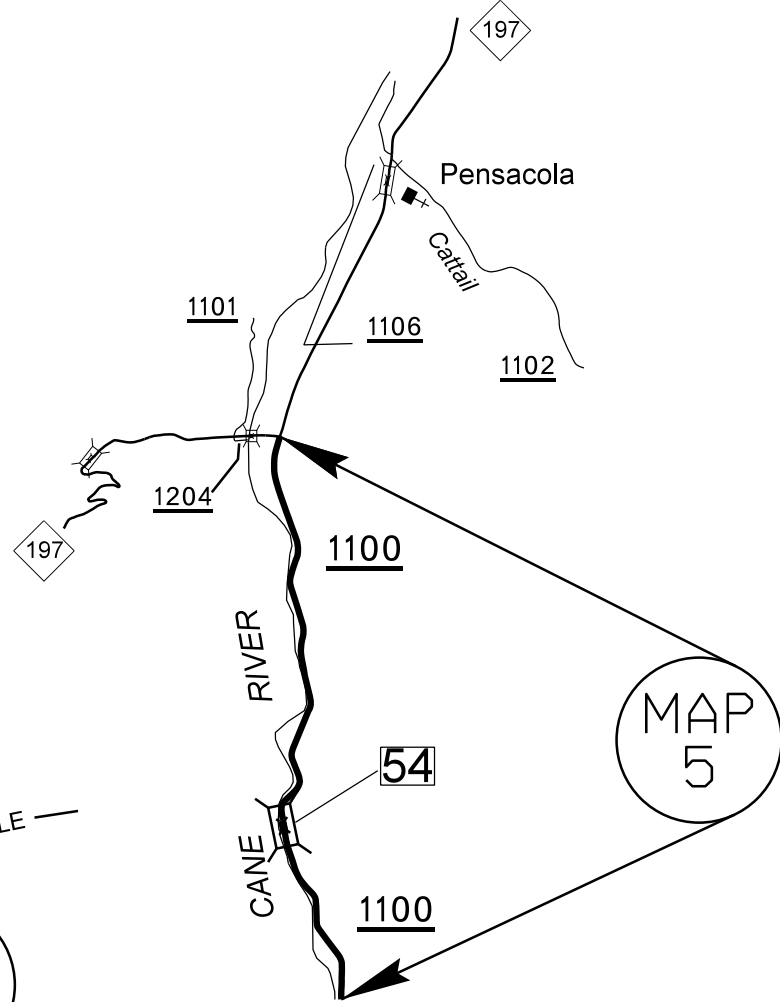
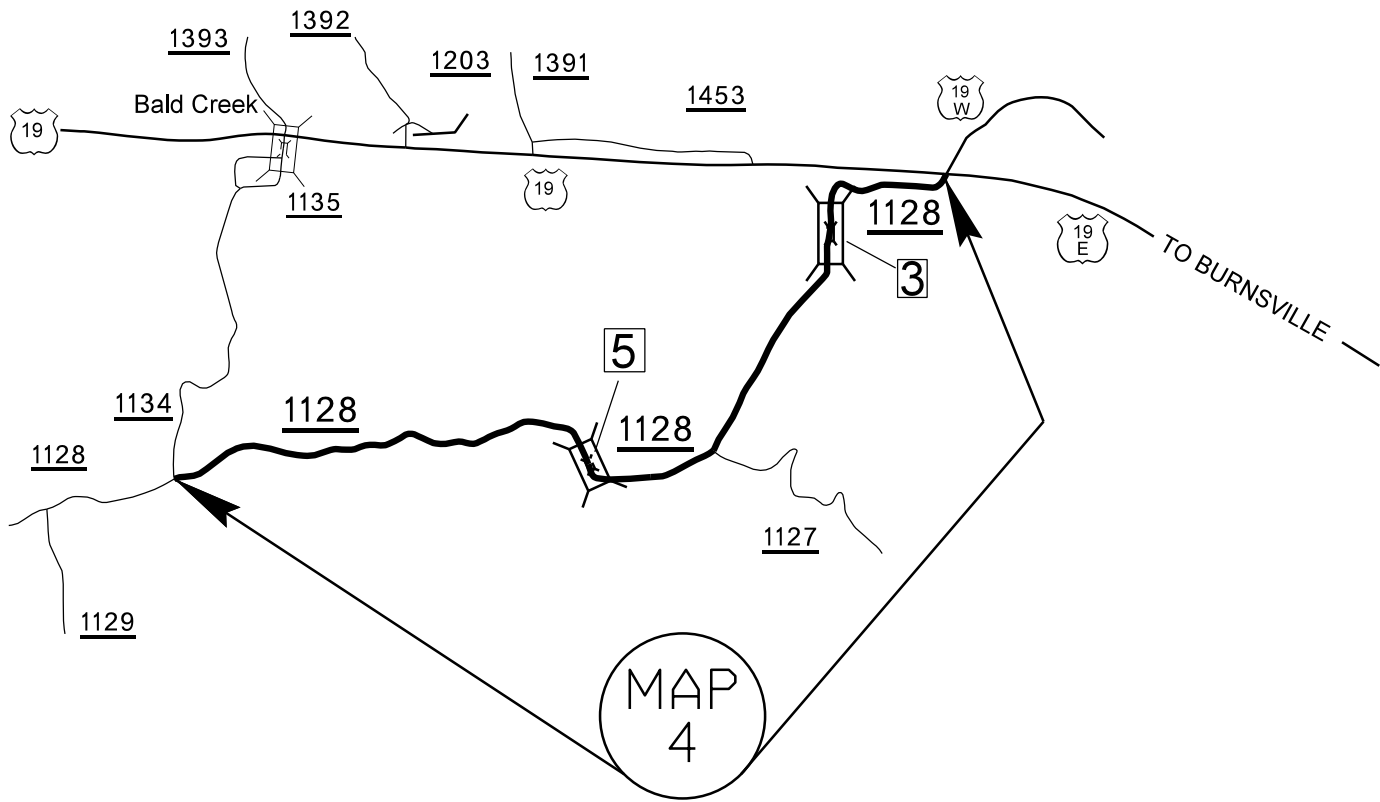


PROJECT NO.	SHEET NO.	TOTAL NO.
2019CPT.13.07.11001, 2019CPT.13.07.21001	1	20



**YANCEY COUNTY**

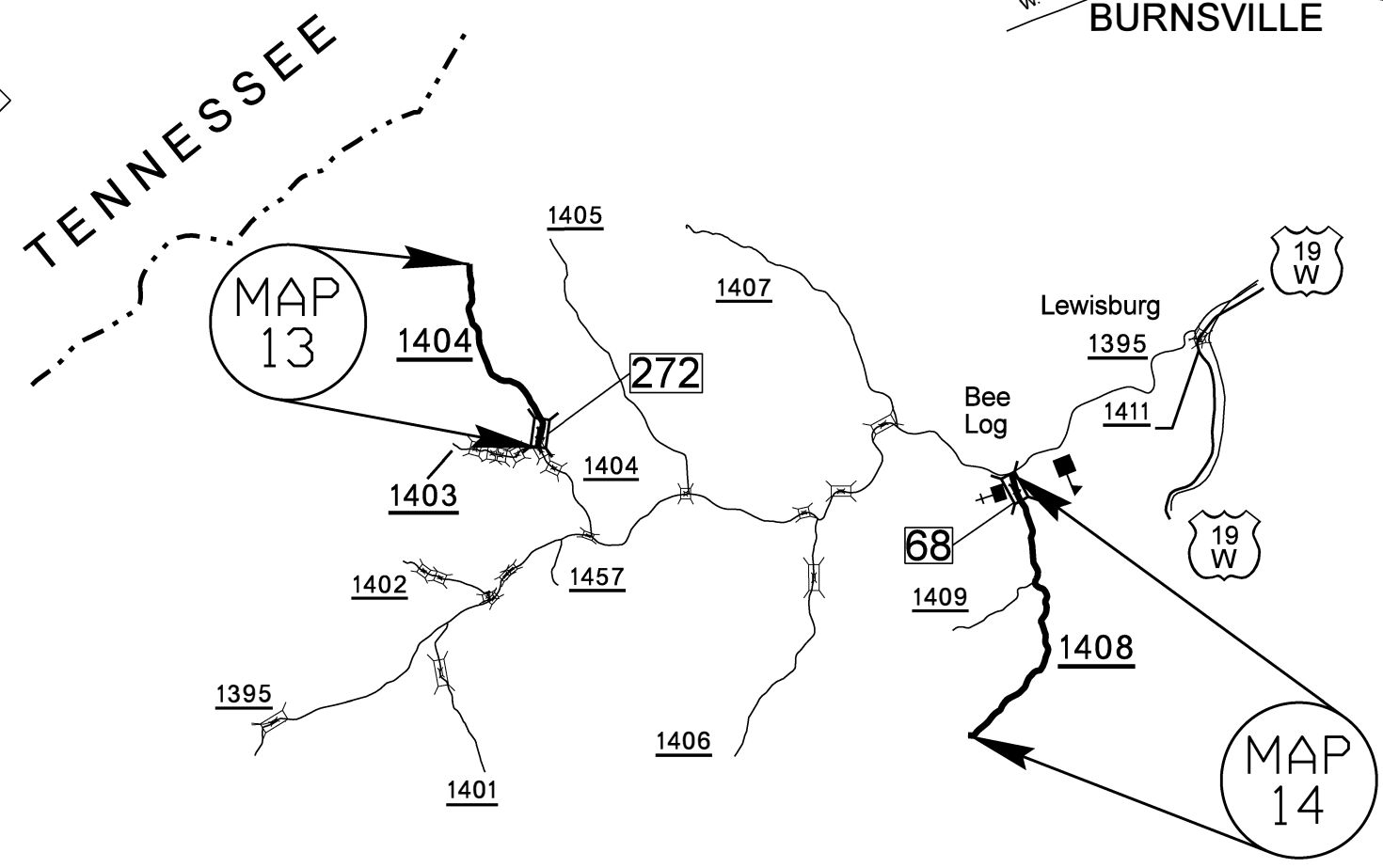
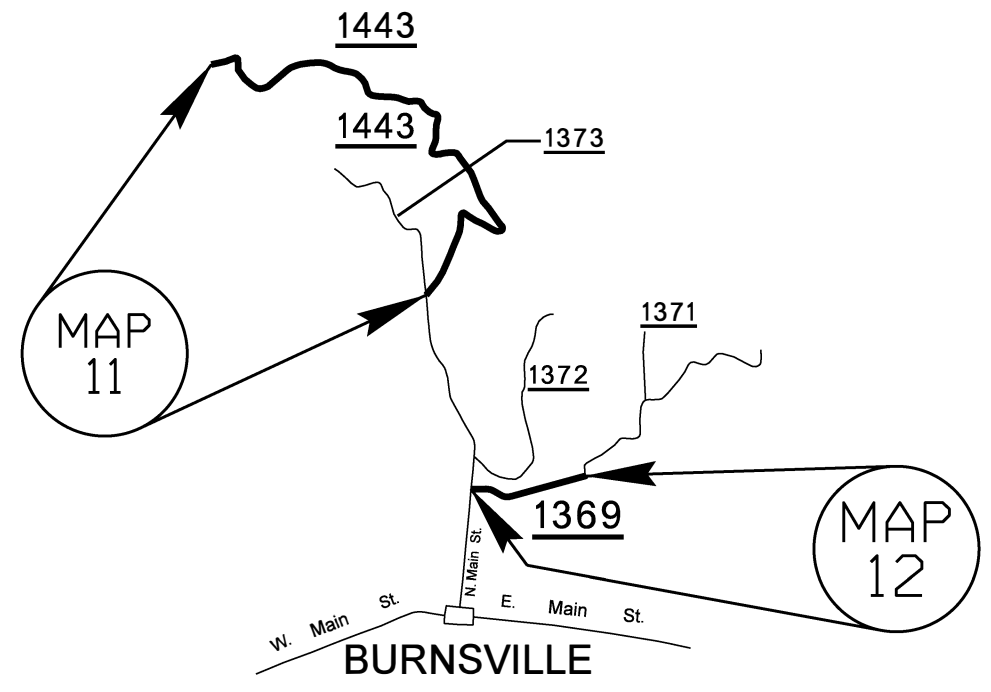
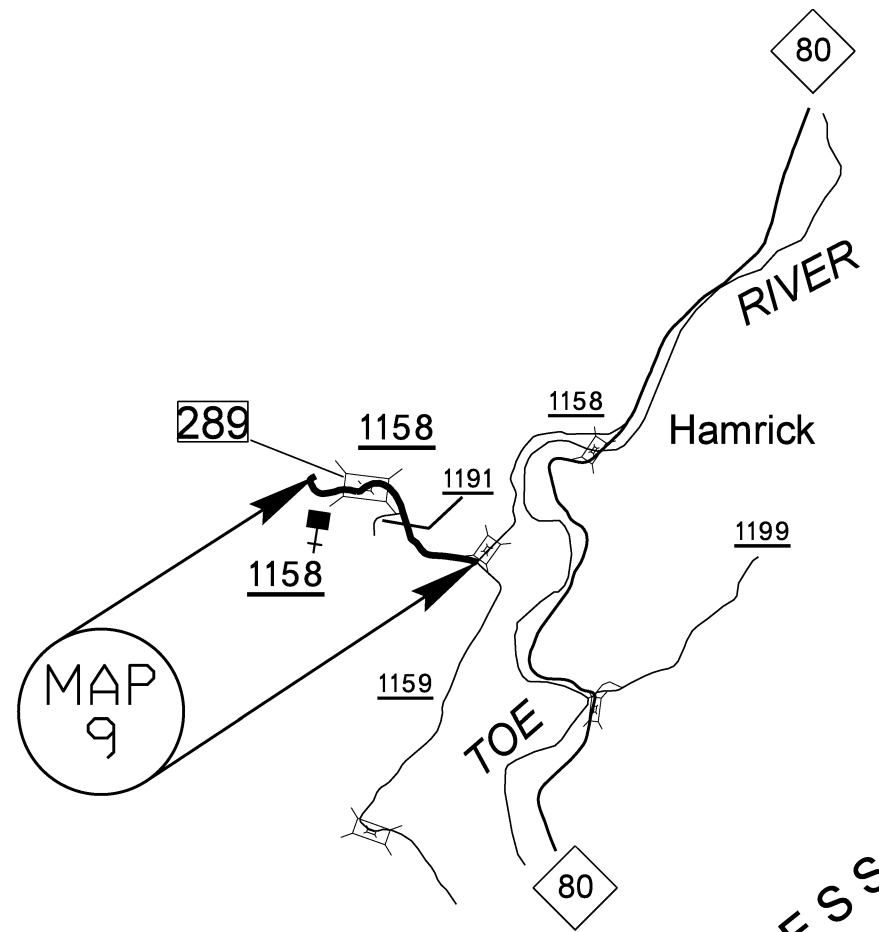
PROJECT NO.	SHEET NO.	TOTAL NO.
2019CPT.13.07.11001, 2019CPT.13.07.21001	2	20



**YANCEY COUNTY**

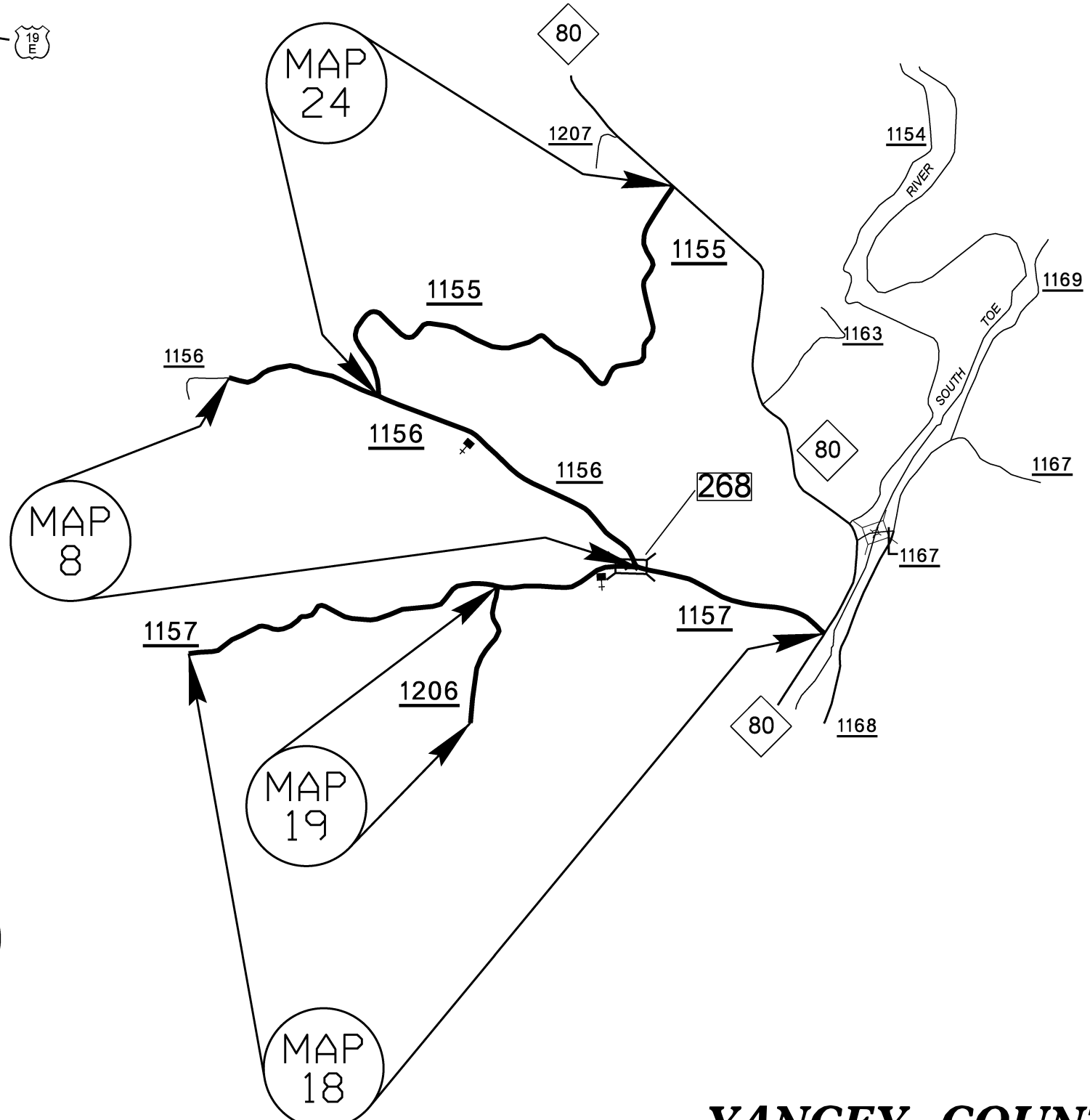
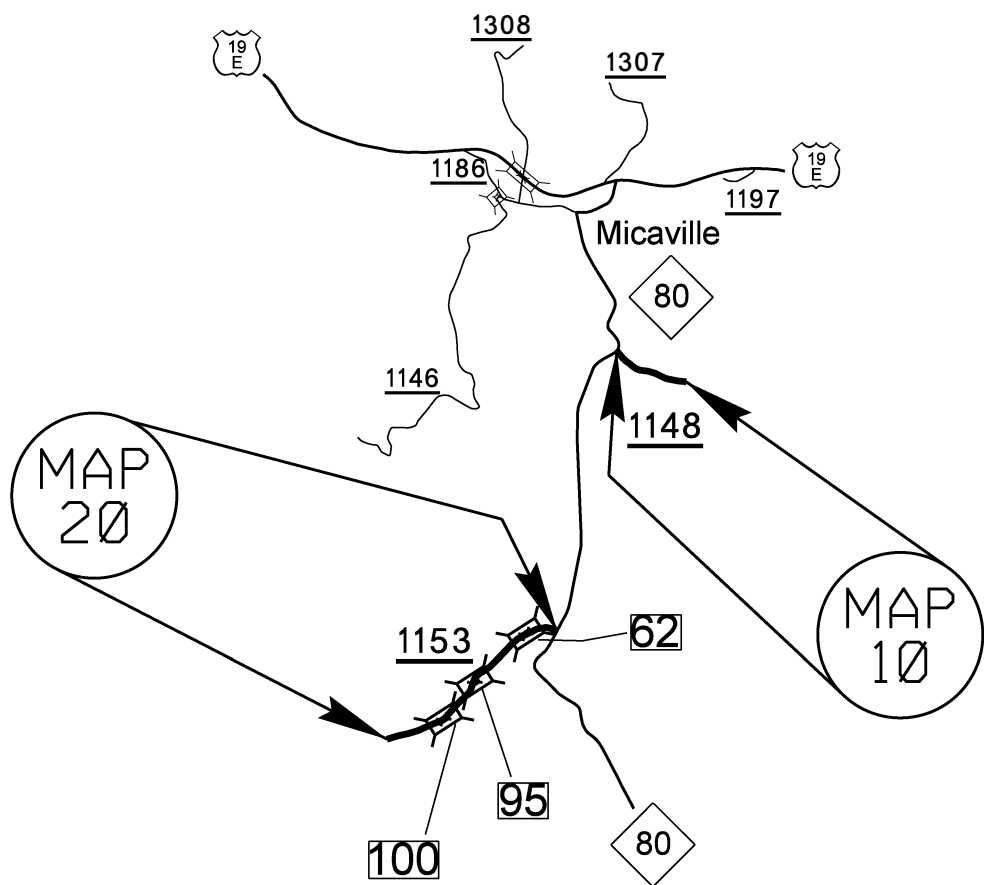
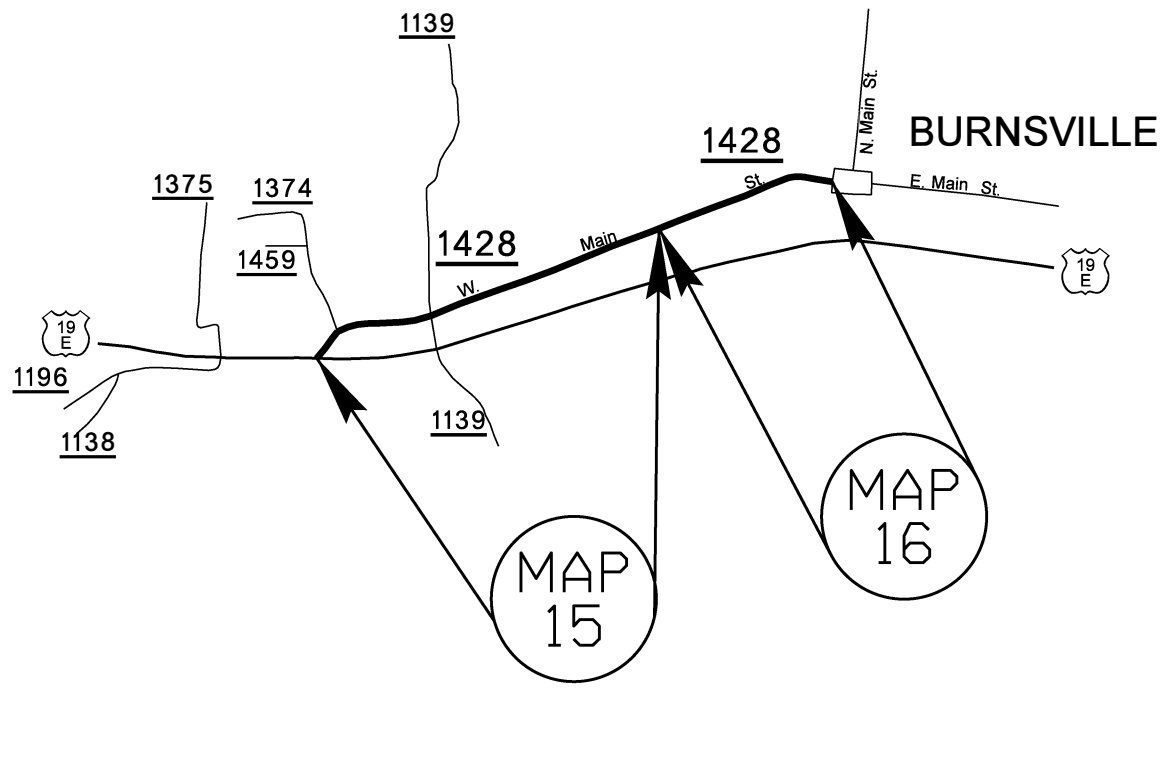


PROJECT NO.	SHEET NO.	TOTAL NO.
2019CPT.13.07.11001, 2019CPT.13.07.21001	3	20



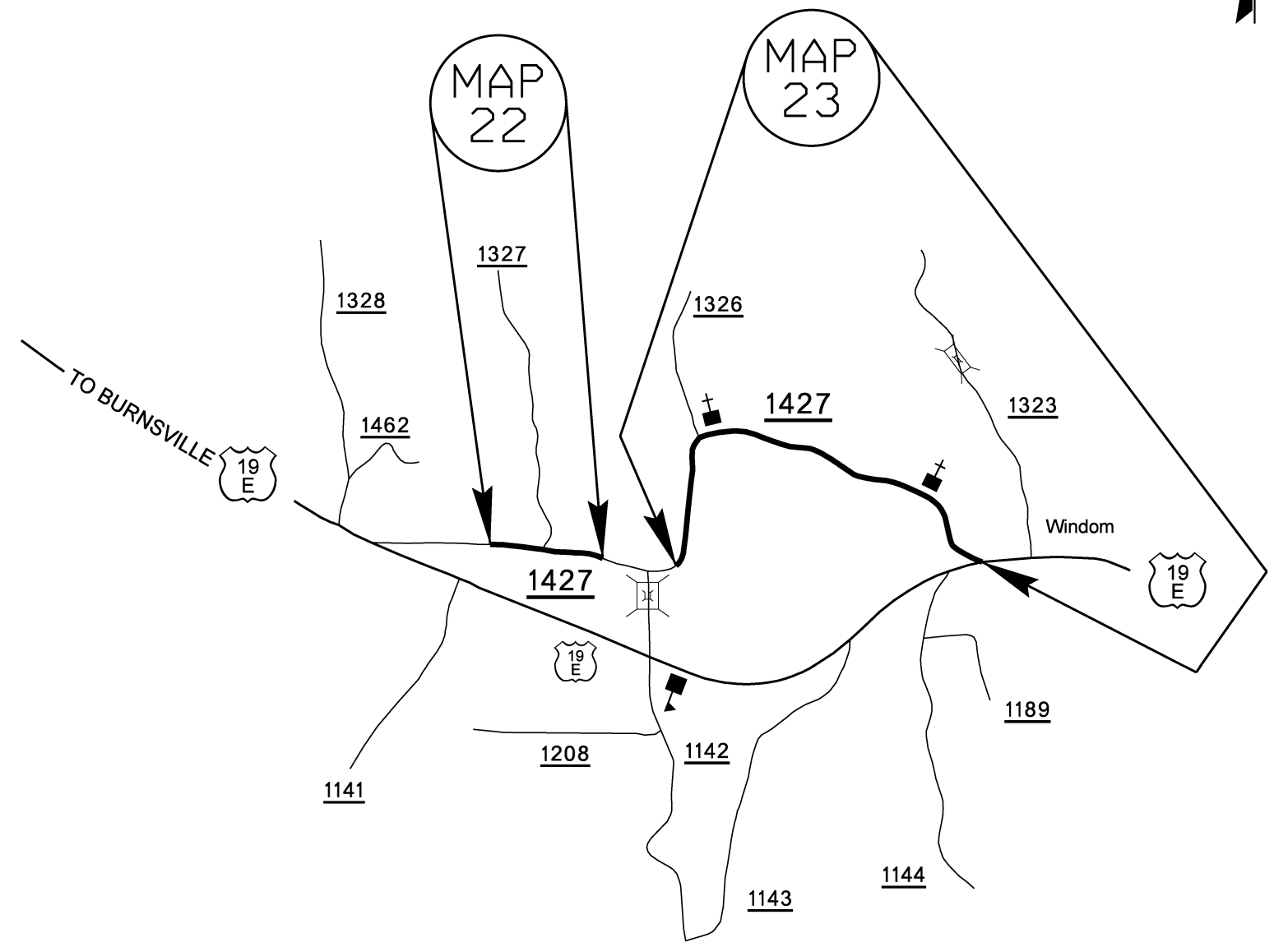
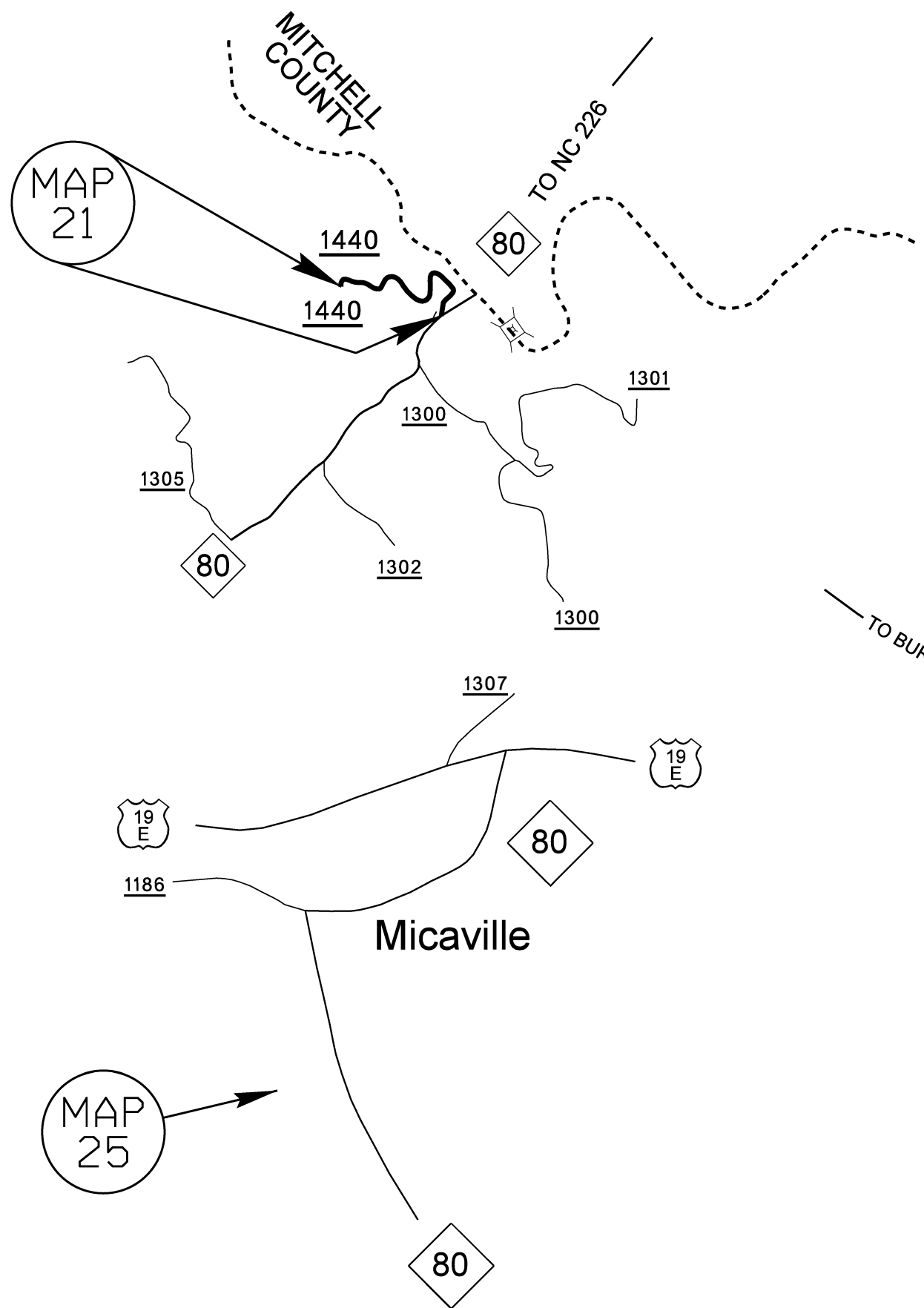
**YANCEY COUNTY**

PROJECT NO.	SHEET NO.	TOTAL NO.
2019CPT.13.07.11001, 2019CPT.13.07.21001	4	20



**YANCEY COUNTY**

PROJECT NO.	SHEET NO.	TOTAL NO.
2019CPT.13.07.11001, 2019CPT.13.07.21001	5	20



**YANCEY COUNTY**

PROJECT NO.	SHEET NO.	TOTAL NO.
2019CPT.13.07.11001, 2019CPT.13.07.21001	6	20

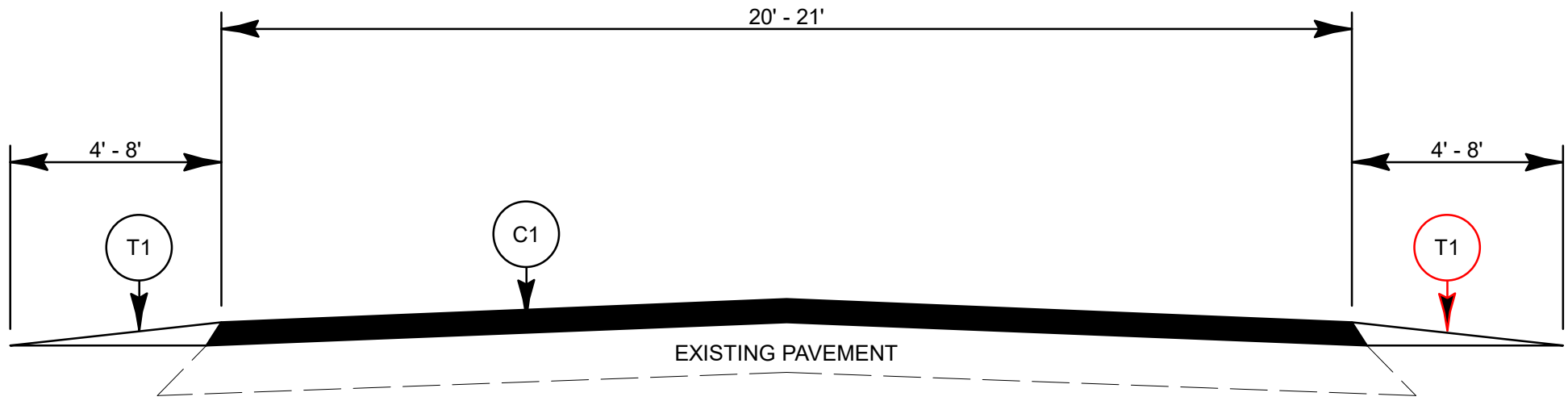
**MICAVILLE SCHOOL PROPOSED PATCHING  
MAP #25**



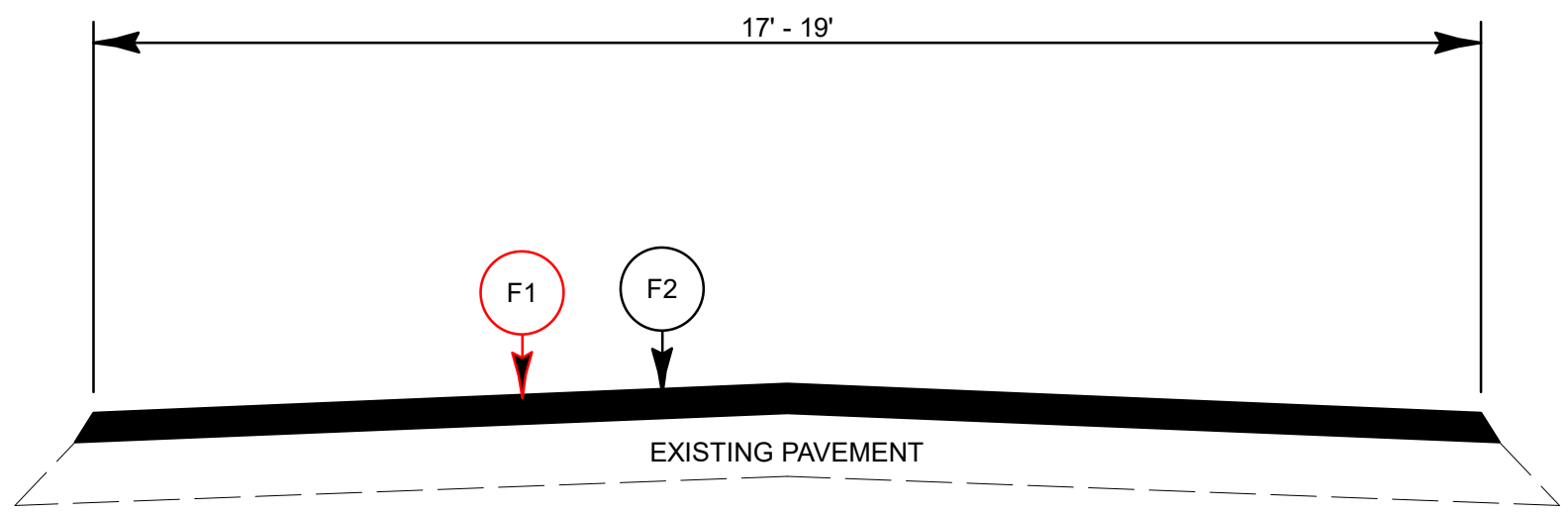
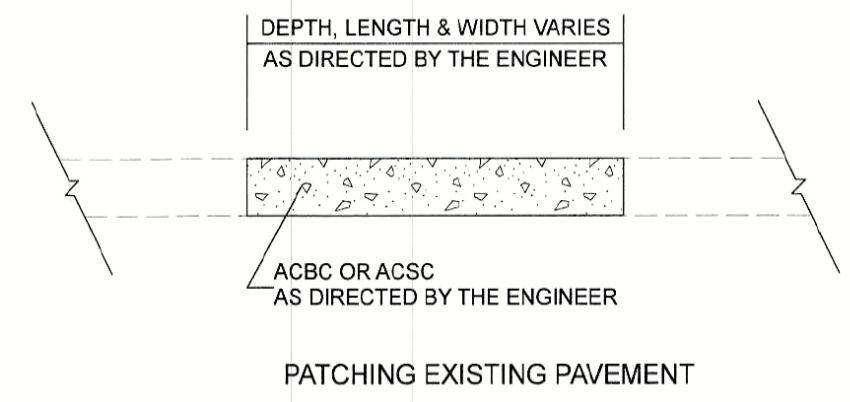
PROJECT NO.	SHEET NO.	TOTAL NO.
2019CPT.13.07.11001, 2019CPT.13.07.21001	7	20

**MICAVILLE SCHOOL PROPOSED RESURFACING  
MAP #25**





TYPICAL SECTION NO. 1

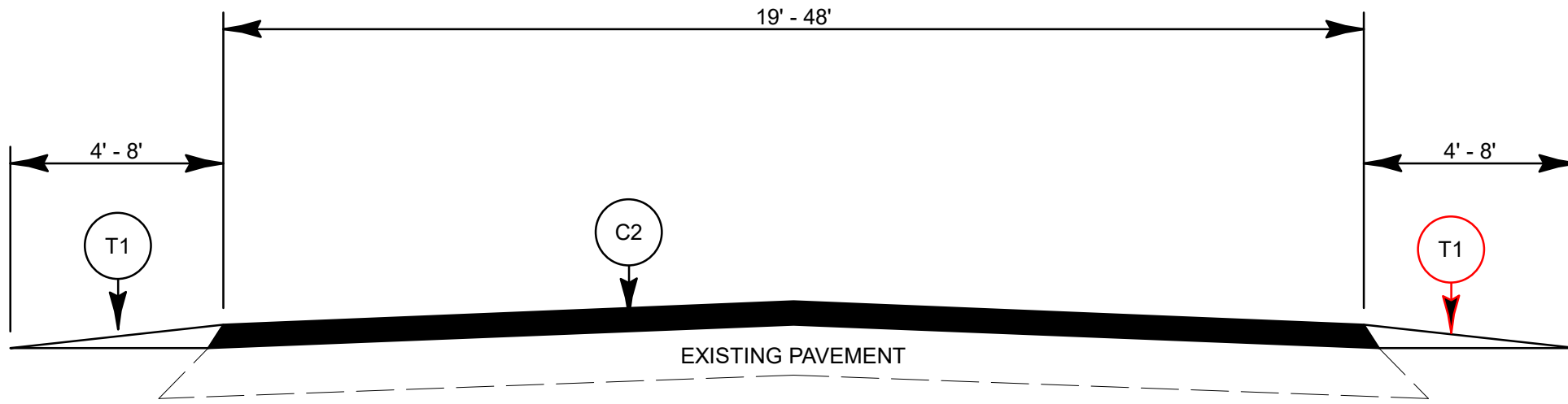


TYPICAL SECTION NO. 2

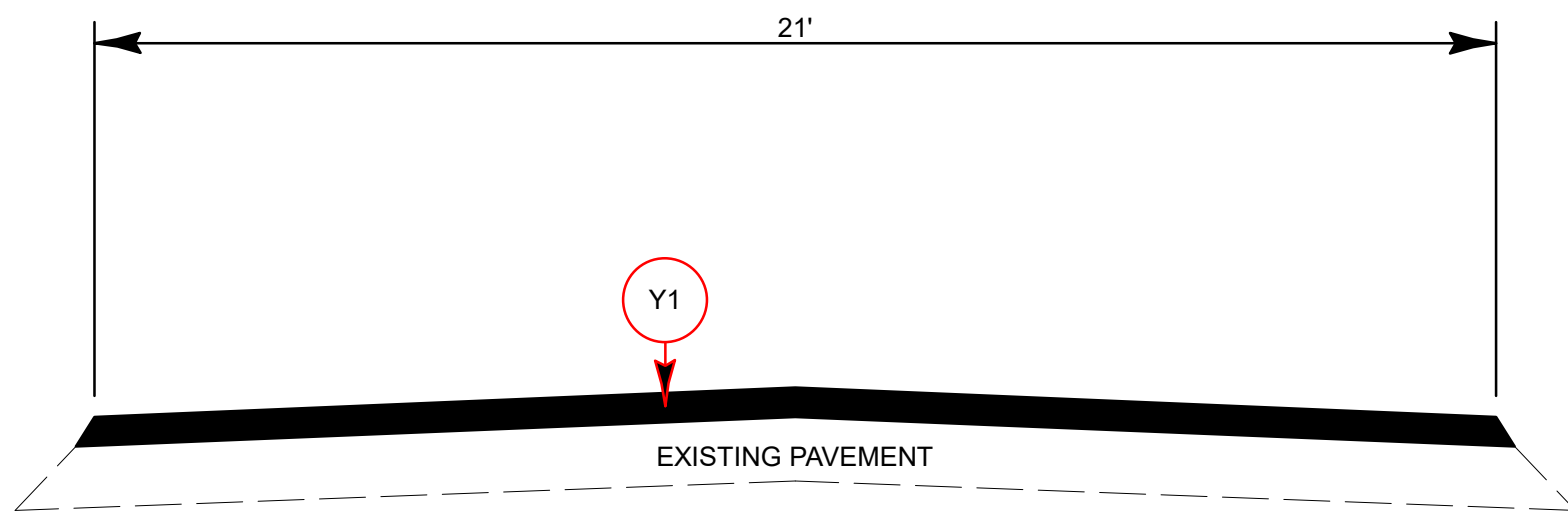
PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1-1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YARD
C2	PROP. APPROX. 1-1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YARD
F1	ASPHALT SURFACE TREATMENT, DOUBLE SEAL
F2	ASPHALT SURFACE TREATMENT, FOG SEAL
T1	SHOULDER RECONSTRUCTION
V1	MILLING ASPHALT PAVEMENT, 1-1/2" DEPTH
V2	INCIDENTAL MILLING
Y1	LATEX MODIFIED MICRO-SURFACING, TYPE III



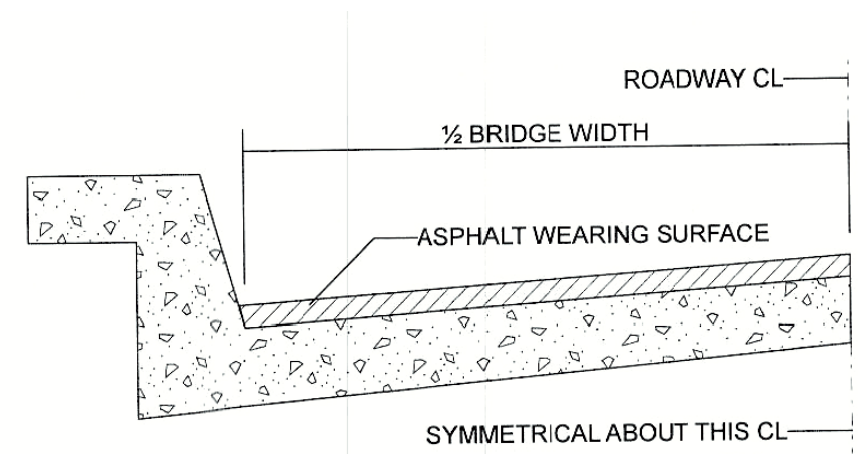
PROJECT NO.	SHEET NO.	TOTAL NO.
2019CPT.13.07.11001, 2019CPT.13.07.21001	9	20



TYPICAL SECTION NO. 3



TYPICAL SECTION NO. 4



**BRIDGE HALF TYPICAL SECTION**

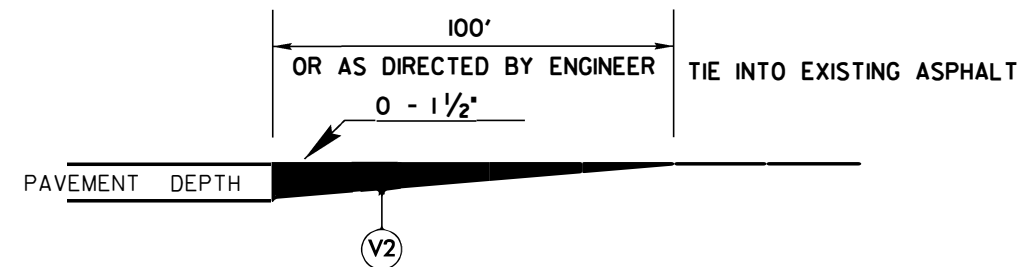
FOR BRIDGES WITH FLOOR DRAINS, CARE SHALL BE EXERCISED IN PLACING THE WEARING SURFACE AROUND FLOOR DRAINS SO AS NOT TO HINDER EFFECTIVE DRAINAGE. ALL DRAINS SHALL BE LEFT OPEN

THE PROPOSED WEARING SURFACE SHALL VARY IN THICKNESS AS NECESSARY TO PROVIDE A SMOOTH RIDING SURFACE. THE MINIMUM THICKNESS SHOULD DEPEND ON PAVEMENT TYPE AS FOLLOWS: S4.75A 1/2", SF9.5A 1.0", S9.5X 1.5", S12.5X 2.0", ULTRATHIN HOT MIX ASPHALT-TYPE A 3/4", ULTRATHIN HOT MIX ASPHALT-TYPE B 5/8", ULTRATHIN HOT MIX ASPHALT-TYPE C 1/2". THE MAXIMUM THICKNESS SHOULD DEPEND ON PAVEMENT TYPE AS FOLLOWS: S4.75A 1.0", SF9.5A 1.5", S9.5X 2.0", S12.5X 2.0", ULTRATHIN HOT MIX ASPHALT-TYPE A 3/4", ULTRATHIN HOT MIX ASPHALT-TYPE B 5/8", ULTRATHIN HOT MIX ASPHALT-TYPE C 1/2".

**NOTES**

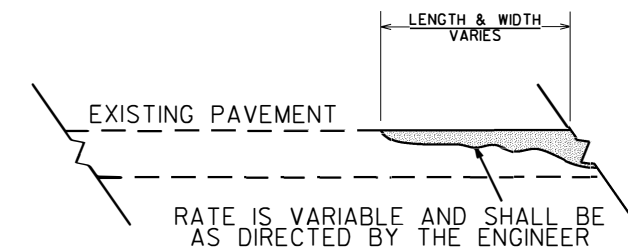
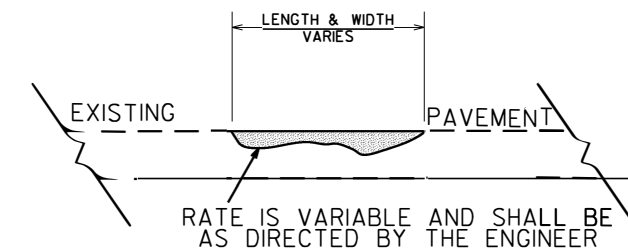
ALL UNPAVED ROADS TO BE RESURFACED 50' FROM EDGE OF PAVEMENT OF MAIN PROJECT.  
 ALL PAVED S.R. ROADS TO BE RESURFACED TO THE ENDS OF THE RADII, OR AS DIRECTED BY THE ENGINEER.  
 EDGES, PAVEMENT WIDENING, INTERSECTIONS AND BRIDGE FLARES ARE INCLUDED IN THE TABLE OF QUANTITIES.  
 SHOULDERS AND DITCHES ARE TO BE CONSTRUCTED BY OTHERS UNLESS OTHERWISE INDICATED.  
 BRIDGES ARE TO BE RESURFACED AT LOCATIONS AND TO DEPTH AS DIRECTED BY THE ENGINEER.

PROJECT NO.	SHEET NO.	TOTAL NO.
2019CPT.13.07.11001, 2019CPT.13.07.21001	10	20



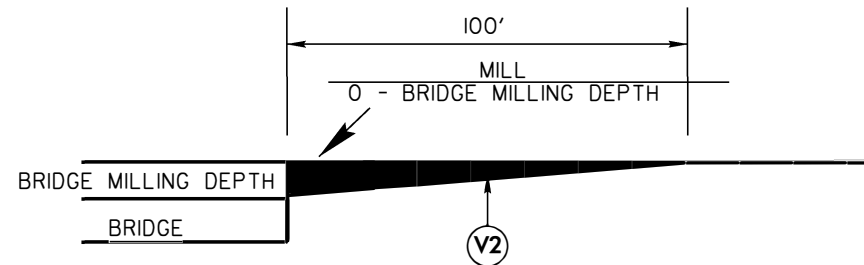
**DETAIL TO TIE INTO EXIST PAVEMENT**

**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 TO BE RESURFACED WITH ASPHALT CONC SURFACE COURSE, TYPE S9.5C. THIS WILL BE PAID FOR AS INCIDENTAL MILLING.**



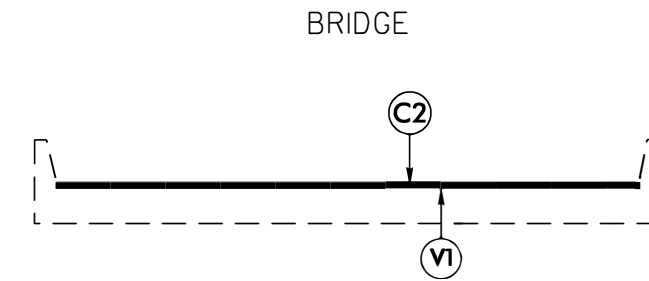
**DETAIL SHOWING METHOD OF WEDGING**

PROJECT NO.	SHEET NO.	TOTAL NO.
2019CPT.13.07.11001, 2019CPT.13.07.21001	11	20



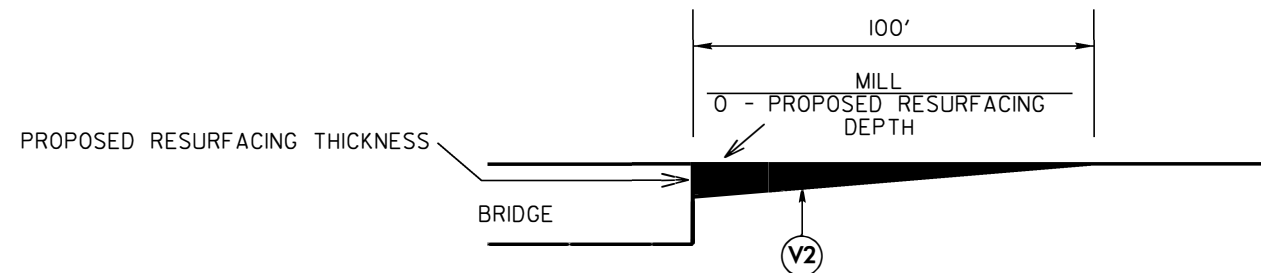
**MILLING DETAIL AT BRIDGE APPROACHES**

**WHERE BRIDGES WILL BE MILLED THEN RESURFACED.  
THIS WILL BE PAID FOR AS INCIDENTAL MILLING.  
USE AT BRIDGE NUMBERS: 62, 95, AND 100 MAP 20.**



**BRIDGE DETAIL**

**BRIDGE NUMBER 62, 95, AND 100 MAP 20.  
MILL 1-1/2" OFF EXISTING PAVEMENT  
SEE MAPS FOR BRIDGE LOCATION**

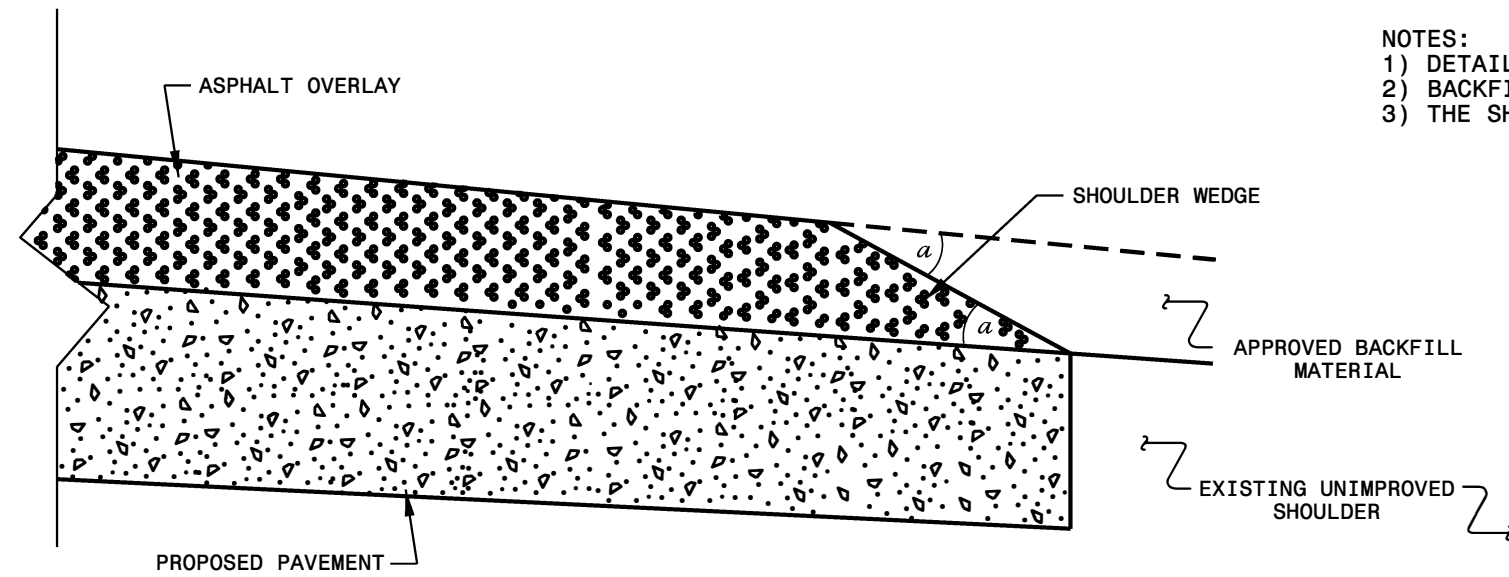


**MILLING DETAIL AT BRIDGE APPROACHES**

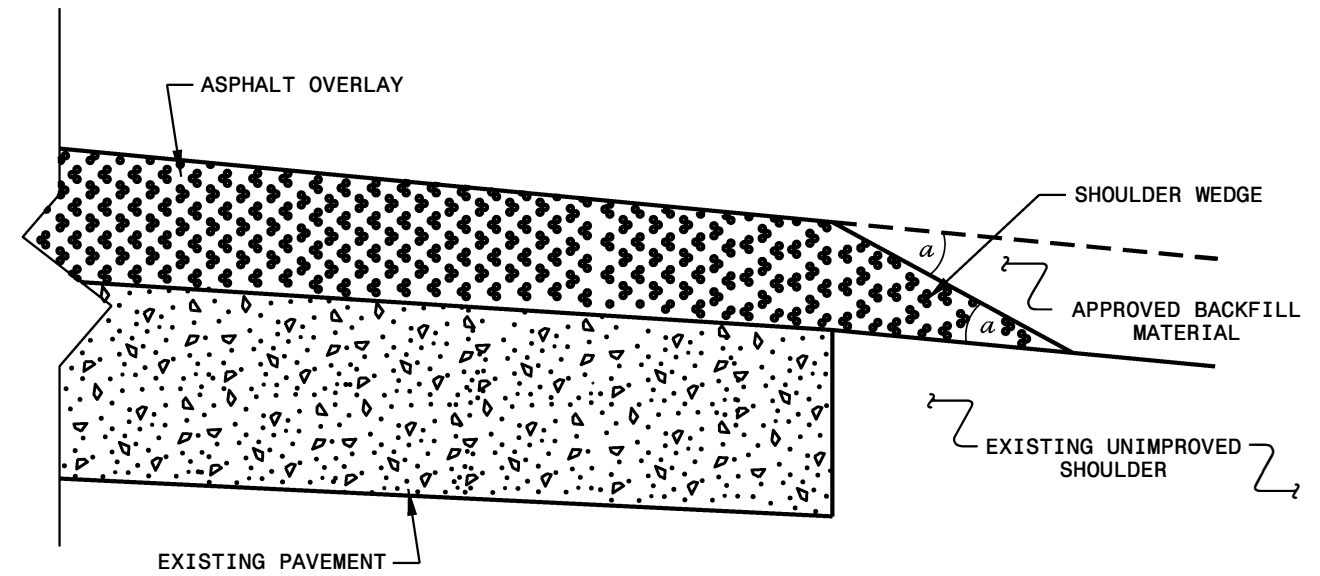
**WHERE BRIDGES WILL NOT BE RESURFACED.  
THIS WILL BE PAID FOR AS INCIDENTAL MILLING.  
USE AT BRIDGE NUMBER: 317 MAP 2.**

PROJECT NO.	SHEET NO.	TOTAL NO.
2019CPT.13.07.11001, 2019CPT.13.07.21001	12	20

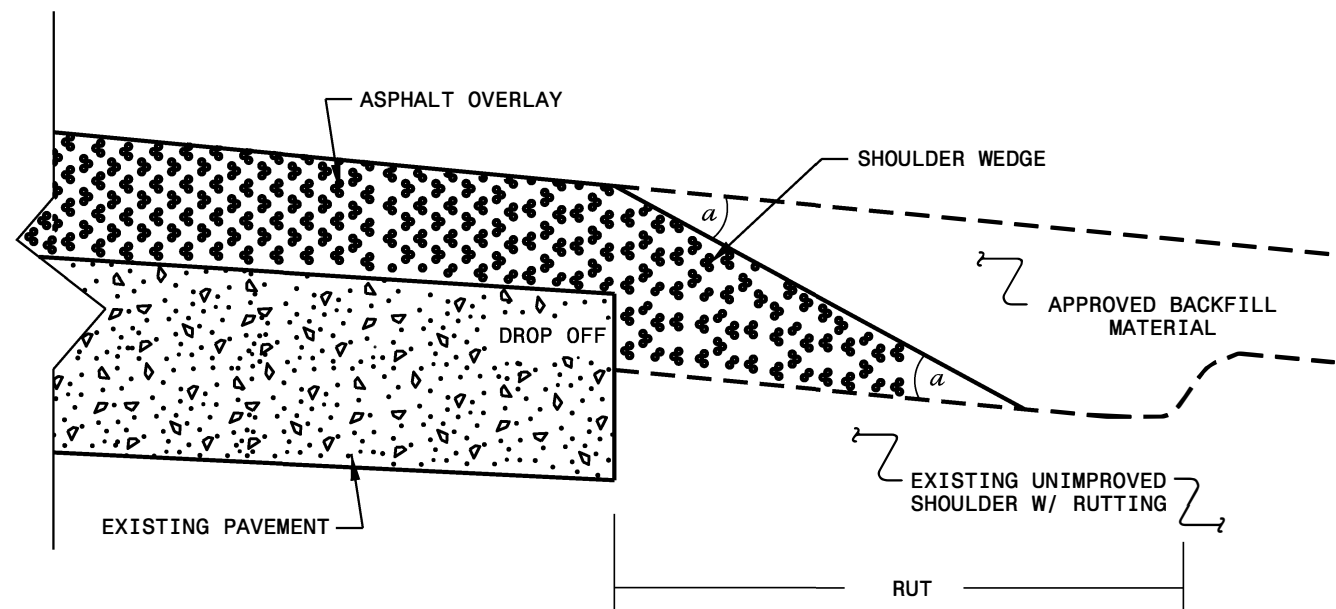
- NOTES:
- 1) DETAIL DOES NOT APPLY TO OGAFD AND ULTRA-THIN BONDED WEARING COURSE.
  - 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
  - 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS AND SIDE STREETS.



**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\dot_all\stand\shoulderwed_detail.dwg	

SECTION  
 13.07.11001, 2019CPT.13.07.21001

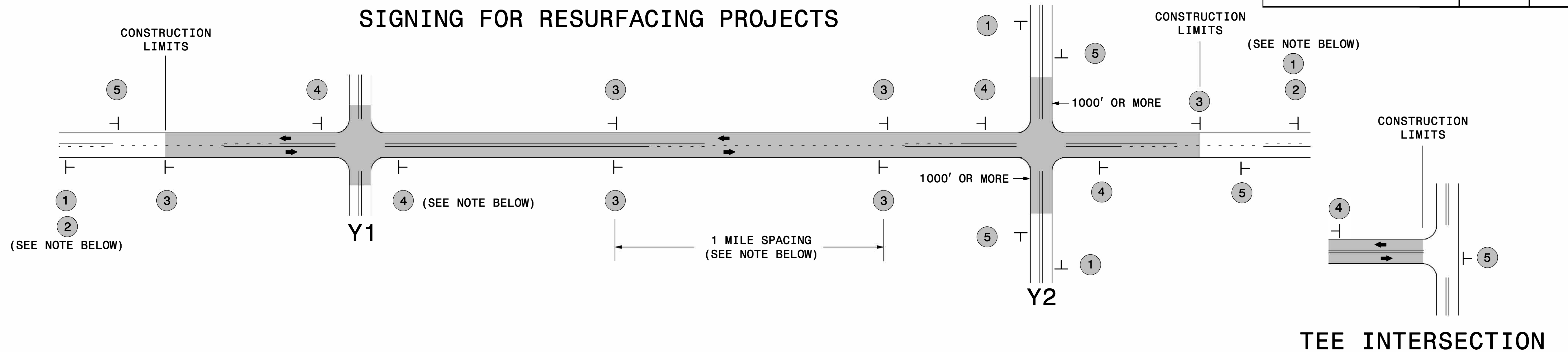


PROJECT NO.	SHEET NO.	TOTAL NO.
2019CPT.13.07.11001, 2019CPT.13.07.21001	14	20

**THERMOPLASTIC AND PAINT QUANTITIES**

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	441300000-E	445700000-N	471000000-E	472100000-E	472500000-E		481000000-E		484701000-E		490500000-N			
										WORK ZONE ADVANCE/GENERAL WARNING SIGNING	TEMPORARY TRAFFIC CONTROL	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS) WHITE	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS) SCHOOL	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS) RT ARROW	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS) 24" YIELD LINE	PAINT PAVEMENT MARKING LINES (4") WHITE	PAINT PAVEMENT MARKING LINES (4") YELLOW	POLYUREA PAVEMENT MARKING LINES WHITE (4", 20 MILS) (HIGHLY REFLECTIVE MEDIA)	POLYUREA PAVEMENT MARKING LINES YELLOW (4", 20 MILS) (HIGHLY REFLECTIVE MEDIA)	SNOWPLOWABLE PAVEMENT MARKERS			
									MI	FT	SF	LS	LF	EA	EA	EA	LF	LF	LF	LF	EA		
2019CPT.13.07.11001	Yancey	1	NC 197S	FROM SR 1109 (BOLENS CREEK) TO 0.90 MI SOUTH OF SR 1100 (EWART WILSON) (MP 8.6 TO MP 4.37)	1	2	2WU	4.23	21	1,095	*								44,669	44,669	375		
2019CPT.13.07.11001	Yancey	2	NC 80N	FROM US 19E TO BRIDGE # 317 (MP 15.36 TO MP 17.54)	1	2	2WU	2.18	21												23,021	23,021	200
2019CPT.13.07.11001	Yancey	3	US 19W	FROM SR 1382 SILVERS GAP TO PVMNT JOINT AT BRIDGE # 55 (MP 5.5 TO MP 8.85)	1	2	2WU	3.35	20												35,376	35,376	300
<b>TOTAL FOR PROJ NO. 2019CPT.13.07.11001</b>									<b>9.76</b>		<b>1,095</b>									<b>103,066</b>	<b>103,066</b>	<b>875</b>	
											<b>206,132</b>												
2019CPT.13.07.21001	Yancey	4	SR 1128	FROM US 19E PVT JOINT TO SR 1134 (PLEASANT VALLEY) (MP 1.64 - MP 3.58)	2	2	2WU	1.94	18	2,197	*												
2019CPT.13.07.21001	Yancey	5	SR 1100	FROM NC 197S PVT JOINT TO EOM (MP 0.00 - MP 2.45)	2	2	2WU	2.45	18												40,973	40,973	
2019CPT.13.07.21001	Yancey	6	SR 1116	FROM SR 1136 (PHIPPS CREEK) TO PVT JOINT (MP 0.00 - MP 0.14)	3	2	2WU	0.14	19												51,744	51,744	
2019CPT.13.07.21001	Yancey	7	SR 1117	FROM SR 1136 TO PVT JOINT (MP 0.00 - MP 0.14)	2	2	2WU	0.8	17												16,896	16,896	
2019CPT.13.07.21001	Yancey	8	SR 1156	FROM SR 1157 TO EOP (MP 0.00 - MP 1.34)	2	2	2WU	1.34	17												28,301	28,301	
2019CPT.13.07.21001	Yancey	9	SR 1158	FROM SR 1159 TO EOP (MP 0.80 - MP 1.50)	2	2	2WU	0.7	18												14,784	14,784	
2019CPT.13.07.21001	Yancey	10	SR 1148	FROM NC 80 SOUTH TO EOM (MP 0.00 - MP 0.21)	2	2	2WU	0.21	17														
2019CPT.13.07.21001	Yancey	11	SR 1443	FROM SR 1373 TO EOP (MP 0.00 - MP 0.96)	2	2	2WU	0.96	19												20,275	20,275	
2019CPT.13.07.21001	Yancey	12	SR 1369	FROM SCHOOL CIRCLE TO SR 1373 (MP 1.84 - MP 2.10)	4	2	2WU	0.27	21												5,702	5,702	
2019CPT.13.07.21001	Yancey	13	SR 1404	FROM SR 1403 TO EOM (MP 0.03 - MP 1.07)	2	2	2WU	1.04	17												21,965	21,965	
2019CPT.13.07.21001	Yancey	14	SR 1408	FROM PVT JOINT AT BRIDGE # 68 TO EOM (MP 0.02 - MP 1.52)	2	2	2WU	1.5	18												31,680	31,680	
2019CPT.13.07.21001	Yancey	15	SR 1428	FROM US 19E PVT JOINT (APPROXIMATELY 132' WEST OF SR 1374) TO END OF 20' PVT (NEAR HILLSIDE DRIVE) (MP 0.03 - MP 0.67)	3	2	2WU	0.64	24												13,517	13,517	
2019CPT.13.07.21001	Yancey	16	SR 1428	FROM THE END OF MAP 15 TO THE TOWN SQUARE (MP 0.67 - MP 0.91)	3	2	2WU	0.24	48					550		1	5	5,069	5,069				
2019CPT.13.07.21001	Yancey	17	SR 1118	FROM SR 1121 TO SR 1117 (MP 0.00 - MP 0.98)	3	2	2WU	0.98	19												20,698	20,698	
2019CPT.13.07.21001	Yancey	18	SR 1157	FROM NC 80 SOUTH TO EOP (MP 0.00 - MP 2.03)	2	2	2WU	2.03	17												42,874	42,874	
2019CPT.13.07.21001	Yancey	19	SR 1206	FROM SR 1157 TO EOP (MP 0.00 - MP 0.35)	2	2	2WU	0.35	18														
2019CPT.13.07.21001	Yancey	20	SR 1153	FROM NC 80 SOUTH TO EOP (MP 0.00 - MP 0.84)	3	2	2WU	0.84	20												17,741	17,741	
2019CPT.13.07.21001	Yancey	21	SR 1440	FROM NC 80 NORTH TO EOM (MP 0.00 - MP 0.49)	3	2	2WU	0.49	20												10,349	10,349	
2019CPT.13.07.21001	Yancey	22	SR 1427	FROM PVT JOINT AT US 19E TO PVT JOINT AT BURNSVILLE SCHOOL (MP 0.19 - MP 0.40)	3	2	2WU	0.21	21					45	6			4,435	4,435				
2019CPT.13.07.21001	Yancey	23	SR 1427	FROM PVT JOINT AT BURNSVILLE SCHOOL TO PVT JOINT AT US 19 E (MP 0.50 - MP 1.28)	3	2	2WU	0.78	19					42	6			16,474	16,474				
2019CPT.13.07.21001	Yancey	24	SR 1155	FROM NC 80 SOUTH TO SR 1156 (MP 0.00 - MP 1.63)	2	2	2WU	1.63	19									34,426	34,426				
2019CPT.13.07.21001	Yancey	25	MICAVILLE SCHOOL PARKING	SCHOOL PARKING LOT	N/A	2		0.5	50														
<b>TOTAL FOR PROJ NO. 2019CPT.13.07.21001</b>									<b>20.04</b>				<b>2,197</b>		<b>637</b>	<b>12</b>	<b>1</b>	<b>5</b>	<b>397,903</b>	<b>397,903</b>			
												<b>6</b>											
												<b>795,806</b>											
<b>GRAND TOTAL</b>									<b>29.8</b>		<b>3,292</b>	<b>1</b>	<b>637</b>	<b>12</b>	<b>1</b>	<b>5</b>	<b>397,903</b>	<b>397,903</b>	<b>103,066</b>	<b>103,066</b>	<b>875</b>		
											<b>6</b>												
											<b>795,806</b>												
											<b>206,132</b>												

# SIGNING FOR RESURFACING PROJECTS



## MAINLINE (-L-) SIGNING

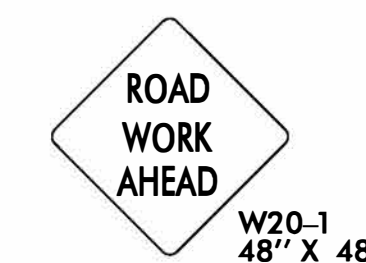
## -Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	1	2	3	4	5	
						<p>PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.</p> <p>#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)</p>
						<p>- PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACE 1 MILE APART THEREAFTER.</p> <p>- AT TEE INTERSECTIONS INSTALL INITIALLY 0.5 MILE FROM INTERSECTION AND SPACE 1 MILE APART THEREAFTER.</p>
						<p>- THESE ARE FOR -Y- LINES THAT ARE "THROUGH" ROADWAYS. DEAD END AND SUBDIVISION ROADS ARE NOT "THROUGH" ROADWAYS.</p> <p>- INSTALL 500' +/- FROM EACH -Y- LINE APPROACH AS SHOWN ABOVE.</p> <p>- 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.</p> <p>- A MAXIMUM OF 2 SIGN SETS PER MILE. DO NOT INSTALL WHEN -Y- LINES ARE WITHIN 0.5 MILES FROM "END ROAD WORK" SIGN.</p> <p>- FOR TEE INTERSECTIONS, INSTALL WITHIN 500' +/- OF THE INTERSECTION ALONG -L- LINE.</p>
						<p>PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS OR AS SHOWN WHEN WORK ENDS AT A 3-WAY TEE INTERSECTION.</p>

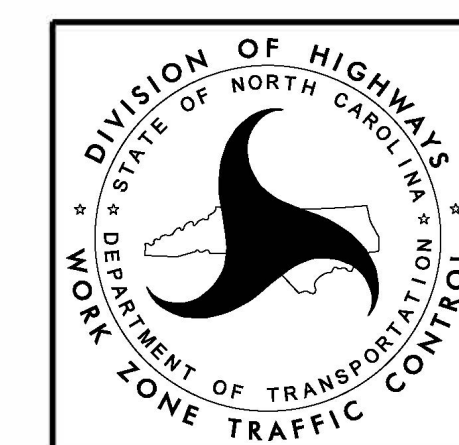
### NO REQUIRED STATIONARY SIGNING FOR THE FOLLOWING -Y- LINE CONDITIONS:

- 1) LESS THAN 1000' OF RESURFACING ALONG -Y- LINE
- 2) SUBDIVISION ROADS
- 3) DEAD END ROADS

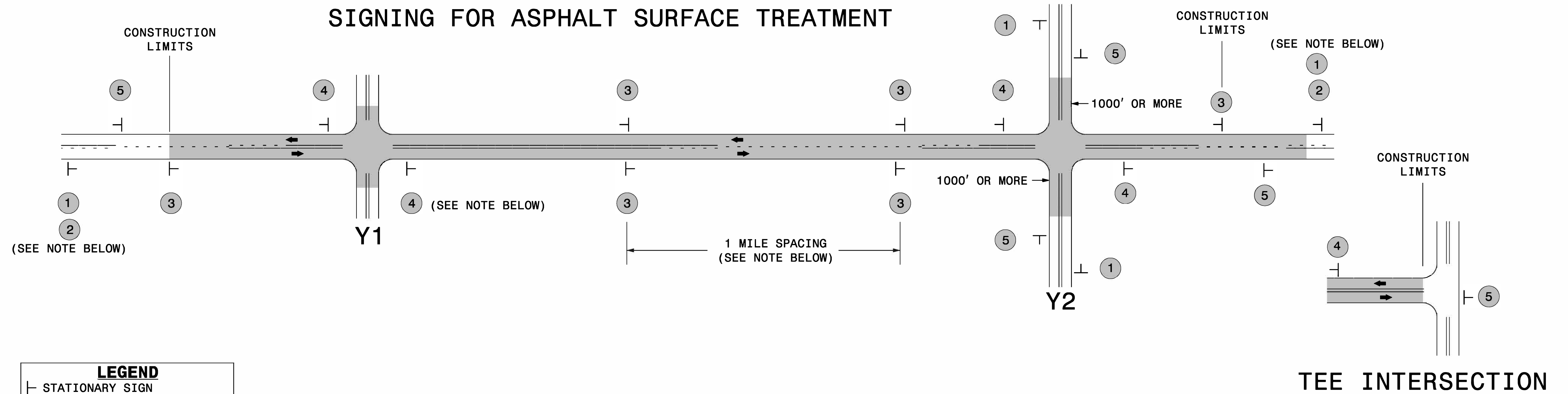
WHEN PAVING/CONSTRUCTION ACTIVITIES PROCEED ACROSS AN UNSIGNED -Y- LINE, ADVANCE WARNING PORTABLE SIGNS SHALL BE USED ALONG THE -Y- LINE AS SHOWN BELOW. REMOVE UPON COMPLETION OF WORK.



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



RESURFACING  
ADVANCE WARNING SIGNS  
FOR  
RURAL AND SUBURBAN  
2 LANE ROADWAYS



### MAINLINE (-L-) SIGNING

### -Y- LINE SIGNING

<b>SIGNING NOTES AND PLACEMENT PER DIRECTION</b>	1		PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.
	2		#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	 	<ul style="list-style-type: none"> <li>- ALTERNATE THE FOLLOWING TWO SIGNS:</li> <li>- STARTING WITH "LOOSE GRAVEL" (W8-7) FOLLOWED BY "UNMARKED PAVEMENT".</li> <li>- PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACED 1 MILE APART THEREAFTER.</li> <li>- AT TEE INTERSECTIONS INSTALL INITIALLY 0.5 MILE FROM INTERSECTION AND SPACE 1 MILE APART THEREAFTER.</li> </ul>
	4		<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		PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS OR AS SHOWN WHEN WORK ENDS AT A 3-WAY TEE INTERSECTION.

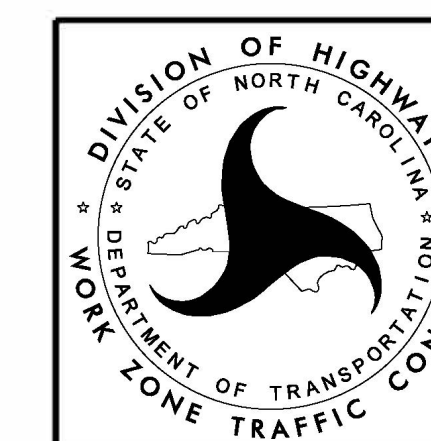
**NO REQUIRED STATIONARY SIGNING FOR THE FOLLOWING -Y- LINE CONDITIONS:**

- 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.



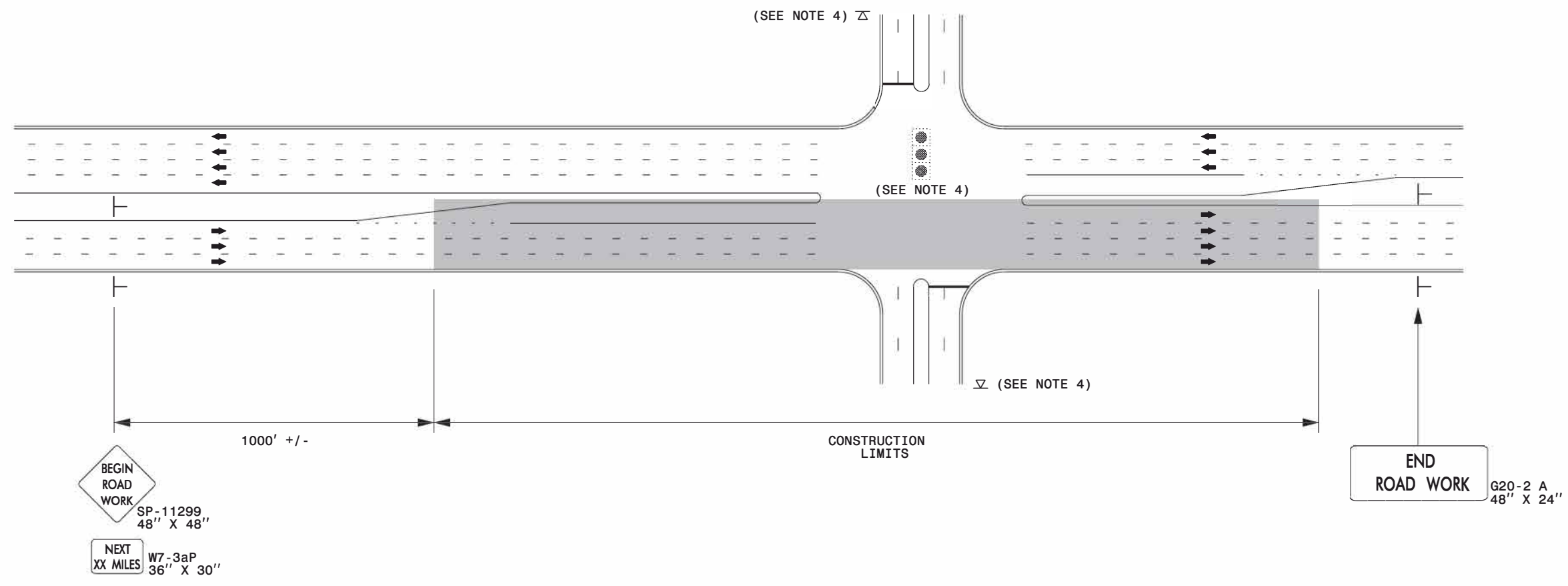
PLACED 500' IN ADVANCE OF FLAGGER. PLACED 250' IN ADVANCE OF FLAGGER.



**ADVANCE WARNING SIGNS FOR ASPHALT SURFACE TREATMENTS 2 LANE ROADWAYS**



## URBAN / SUBURBAN WORKZONES



### NOTES:

- 1) 48" x 48" SIZED SIGNS (SP- 11299) MAY BE REDUCED TO 36" X 36" ON ROADWAYS WITH SPEED LIMITS OF 40 MPH OR LESS.
- 2) MOUNT SIGNS THAT ARE LARGER THAN 10 SQUARE FEET IN AREA ON TWO OR MORE WOOD OR U-CHANNEL SUPPORTS. PERFORATED SQUARE TUBING SUPPORT SYSTEMS MAY SUPPORT LARGER AREAS ON A SINGLE SUPPORT. FOLLOW MANUFACTURER'S RECOMMENDATIONS. THESE SYSTEMS SHALL BE NCHRP 350 COMPLIANT AND NCDOT APPROVED.
- 3) ADVANCE WARNING SIGNS NOT REQUIRED ON NON-SIGNALIZED SIDE STREETS.
- 4) 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.
- 5) LATERAL CLEARANCE AT ALL SIGN LOCATIONS SHALL BE 2' AS MEASURED FROM THE EDGE OF PAVEMENT OR THE FACE OF THE CURB. WHEN UNABLE TO OBTAIN THE LATERAL CLEARANCE WITHIN THE MEDIAN AREA USE SHOULDER MOUNTS ONLY.
- 6) SIGN MOUNT LOCATIONS SHALL NOT BLOCK SIDEWALKS OR DRIVEWAYS.
- 7) IF STATIONARY GENERAL WARNING SIGNS ARE USED, THEY WILL BE PAID FOR PER SECTION 104 OF THE NCDOT STANDARD SPECIFICATIONS AS EXTRA WORK.
- 8) IF MILLED AREAS ARE NOT PAVED BACK BY THE END OF THE WORK DAY, PORTABLE SIGNS SHALL BE USED TO WARN DRIVERS OF THE PRESENT CONDITIONS. THESE ARE TO INCLUDE, BUT NOT LIMITED TO "ROUGH ROAD" W8-8, "UNEVEN LANES" W8-11, "GROOVED PAVEMENT" W8-15 w/MOTORCYCLE PLAQUE MOUNTED BELOW. THESE ARE TO BE DOUBLE INDICATED ON MULTI-LANE ROADWAYS WITH SPEED LIMITS 45 MPH AND GREATER WHERE LATERAL CLEARANCE CAN BE OBTAINED WITHIN THE MEDIAN AREAS. THESE PORTABLE SIGNS ARE INCIDENTAL TO THE OTHER ITEMS OF WORK INCLUDED IN THE TEMPORARY TRAFFIC CONTROL (LUMP SUM) PAY ITEM.

LEGEND	
┆	STATIONARY SIGN
➔	DIRECTION OF TRAFFIC FLOW

	<b>RESURFACING ADVANCE WARNING SIGNS FOR URBAN / SUBURBAN FACILITIES</b>
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4/8/2015  
 C:\Users\mgarrrett\Downloads\Resurfacing\_AdvWarn\_UrSu (2).dgn  
 User: mgarrrett

**SIGN NUMBER:** 11299

**BACKG COLOR:** Fluorescent Orange

**DESIGN BY:** WJ

**CHECKED BY:**

**DATE:** Jun 22, 2011

**TYPE:** B

**COPY COLOR:** Black

**PROJECT ID:** ALL

**DIV:** ALL

**QUANTITY:** SEE PLANS

SYMBOL	X	Y	WID	HT

**SP 11299**

PROJECT NO.	SHEET NO.	TOTAL NO.
2019CPT.13.07.11001, 2019CPT.13.07.21001	18	20

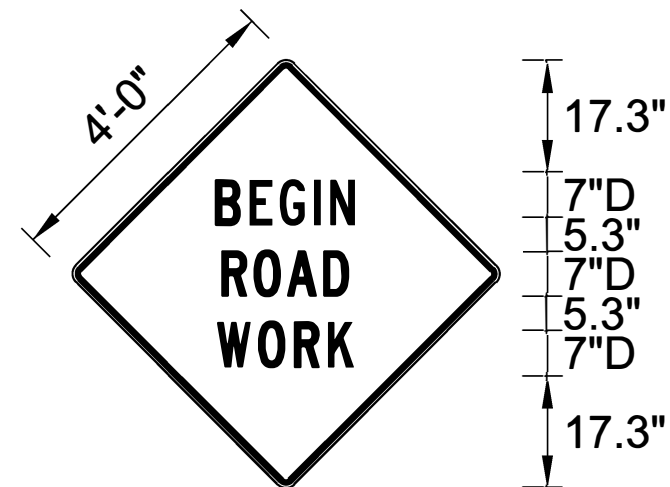
**SIGN WIDTH:** 5'-6"  
**HEIGHT:** 5'-6"

**TOTAL AREA:** 30.5 Sq.Ft.

**BORDER TYPE:** INSET  
**RECESS:** 0.59"  
**WIDTH:** 0.75"  
**RADII:** 1.38"

**NO. Z BARS:** N/A  
**LENGTH:** N/A

**MAT'L:** 0.125" (3.2 mm) ALUMINUM



**BORDER**  
R=1.38"  
TH=0.75"  
IN=0.59"

Spacing Factor is 1 unless specified otherwise

**USE NOTES:** 1,2

- Legend and border shall be direct applied black non-reflective sheeting.
- Background shall be Type VII, VIII, or IX (prismatic) fluorescent orange retroreflective sheeting.

**LETTER POSITIONS**

Letter spacings are to start of next letter																		Series/Size	
																		Text Length	
		B	E	G	I	N													D 2000
	20.5	6	5.4	6.3	2.8	4.8	20.5												25.2
		R	O	A	D														D 2000
	21.4	5.8	5.9	7	4.8	21.4													23.5
		W	O	R	K														D 2000
	20.9	7.1	6.5	5.9	4.9	20.9													24.5

SIGN NUMBER: SP13106  
 TYPE: STATIONARY  
 QUANTITY: SEE PLANS

BACKG COLOR: Fluorescent Orange  
 COPY COLOR: Black

DESIGN BY: B. RASHID  
 PROJECT ID:

CHECKED BY: AIA  
 DIV:

DATE: Apr 26, 2013

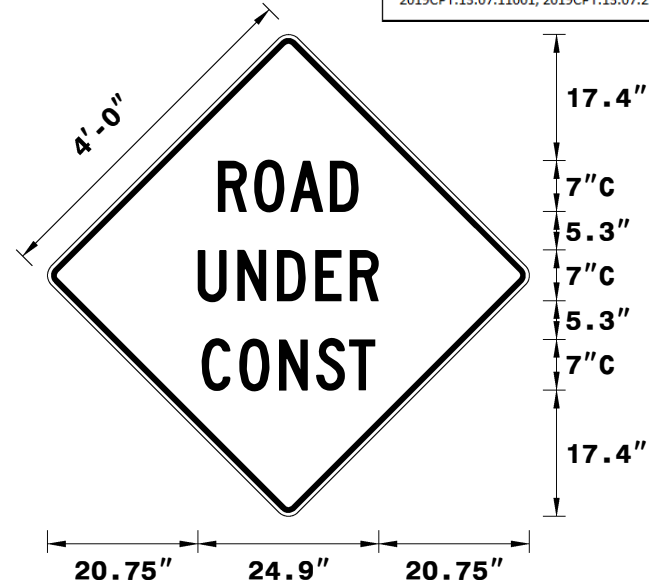
SYMBOL	X	Y	WID	HT

MAT'L: 0.080" (2.0 mm) ALUMINUM

BORDER TYPE: INSET  
 RECESS: 0.75"  
 WIDTH: 1.25"  
 RADII: 3"

NO. Z BARS:  
 LENGTH:

PROJECT NO.	SHEET NO.	TOTAL NO.
2019CPT.13.07.11001, 2019CPT.13.07.21001	19	20



Spacing Factor is 1 unless specified otherwise

USE NOTES: 1,2

- Legend and border shall be direct applied black non-reflective sheeting.
- Background shall be NC GRADE B fluorescent orange retroreflective sheeting.

LETTER POSITIONS

Letter spacings are to start of next letter

Letter spacings are to start of next letter																	Series/Size Text Length	
		R	O	A	D													C 2000
	23.5	5	5	5.5	3.9	23.5												19.3
		U	N	D	E	R												C 2000
	20.7	5.5	5.5	5.3	4.8	3.9	20.7											24.9
		C	O	N	S	T												C 2000
	21.2	5.2	5.5	5.1	4.6	3.6	21.2											23.9

SIGN NUMBER: SP13107  
 TYPE: STATIONARY  
 QUANTITY: SEE PLANS

BACKG COLOR: Fluorescent Orange  
 COPY COLOR: Black

DESIGN BY: B. RASHID  
 PROJECT ID:

CHECKED BY: AIA  
 DIV:

DATE: Apr 26, 2013

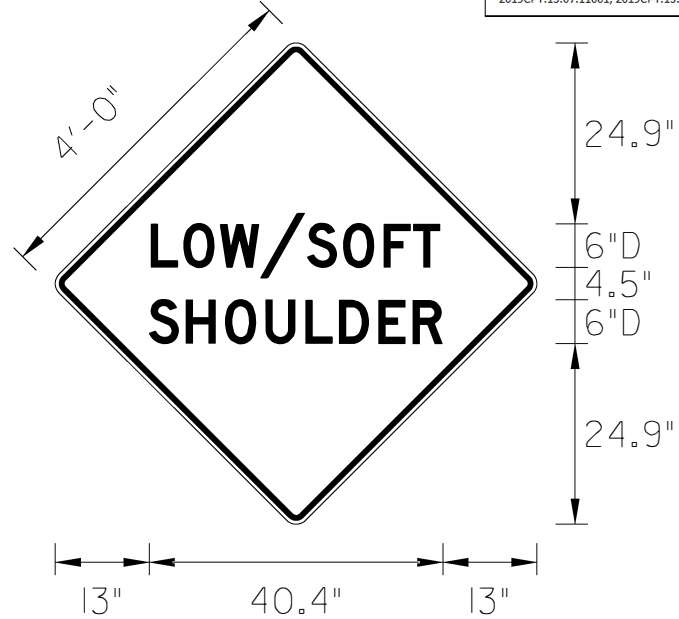
SYMBOL	X	Y	WID	HT

MAT'L: 0.080" (2.0 mm) ALUMINUM

BORDER TYPE: INSET  
 RECESS: 0.75"  
 WIDTH: 1.25"  
 RADII: 3"

NO. Z BARS:  
 LENGTH:

PROJECT NO.	SHEET NO.	TOTAL NO.
2019CPT.13.07.11001, 2019CPT.13.07.21001	20	20



Spacing Factor is 1 unless specified otherwise

USE NOTES: 1,2

- Legend and border shall be direct applied black non-reflective sheeting.
- Background shall be NC GRADE B fluorescent orange retroreflective sheeting.

LETTER POSITIONS

Letter spacings are to start of next letter										Series/Size
L	O	W	/	S	O	F	T			Text Length
13.2	4.5	5	5.5	6.5	5	5.6	4.1	3.7	13.2	D 2000
										39.9
S	H	O	U	L	D	E	R			Series/Size
13	5.1	5.4	5.6	5.5	4.6	5.4	4.7	4.1	13	D 2000
										40.4