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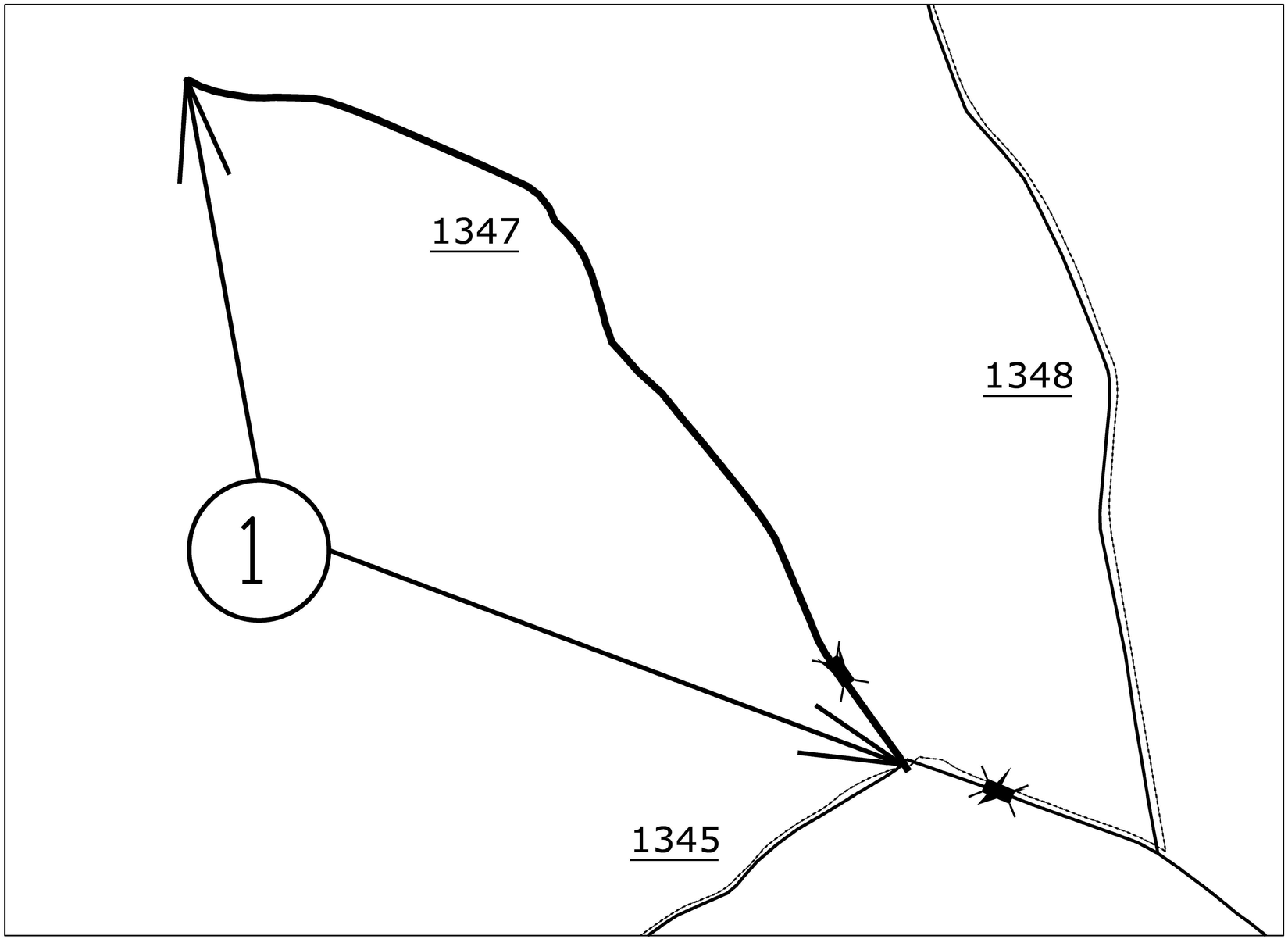
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09/08/99

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	2027CPT.14.05.20451	1	15

STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION

HENDERSON COUNTY



MAP 1

BEG END

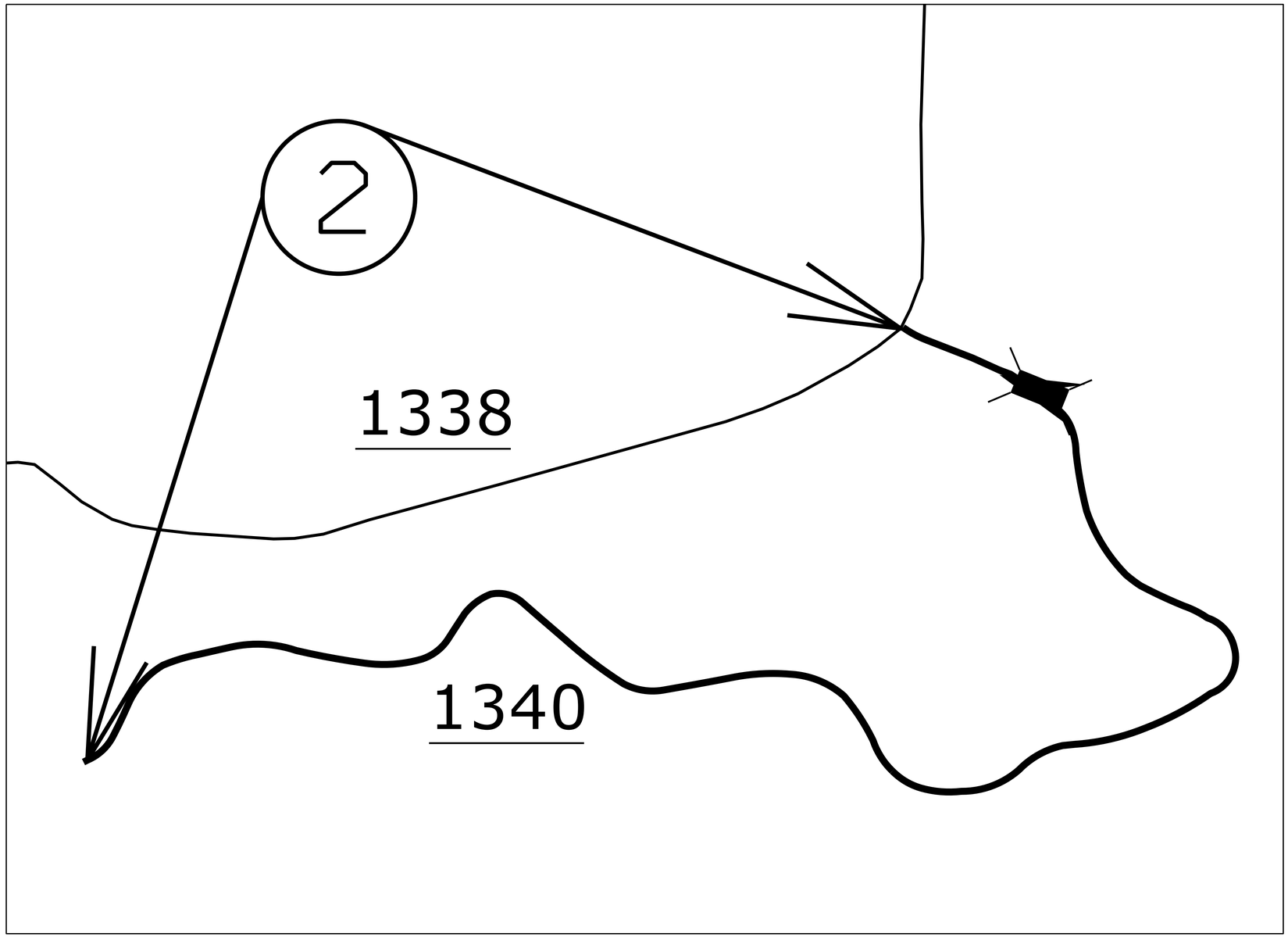
CONTRACT: DN01172

09/08/99

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	2027CPT.14.05.20451	2	15

STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION

HENDERSON COUNTY



MAP 2

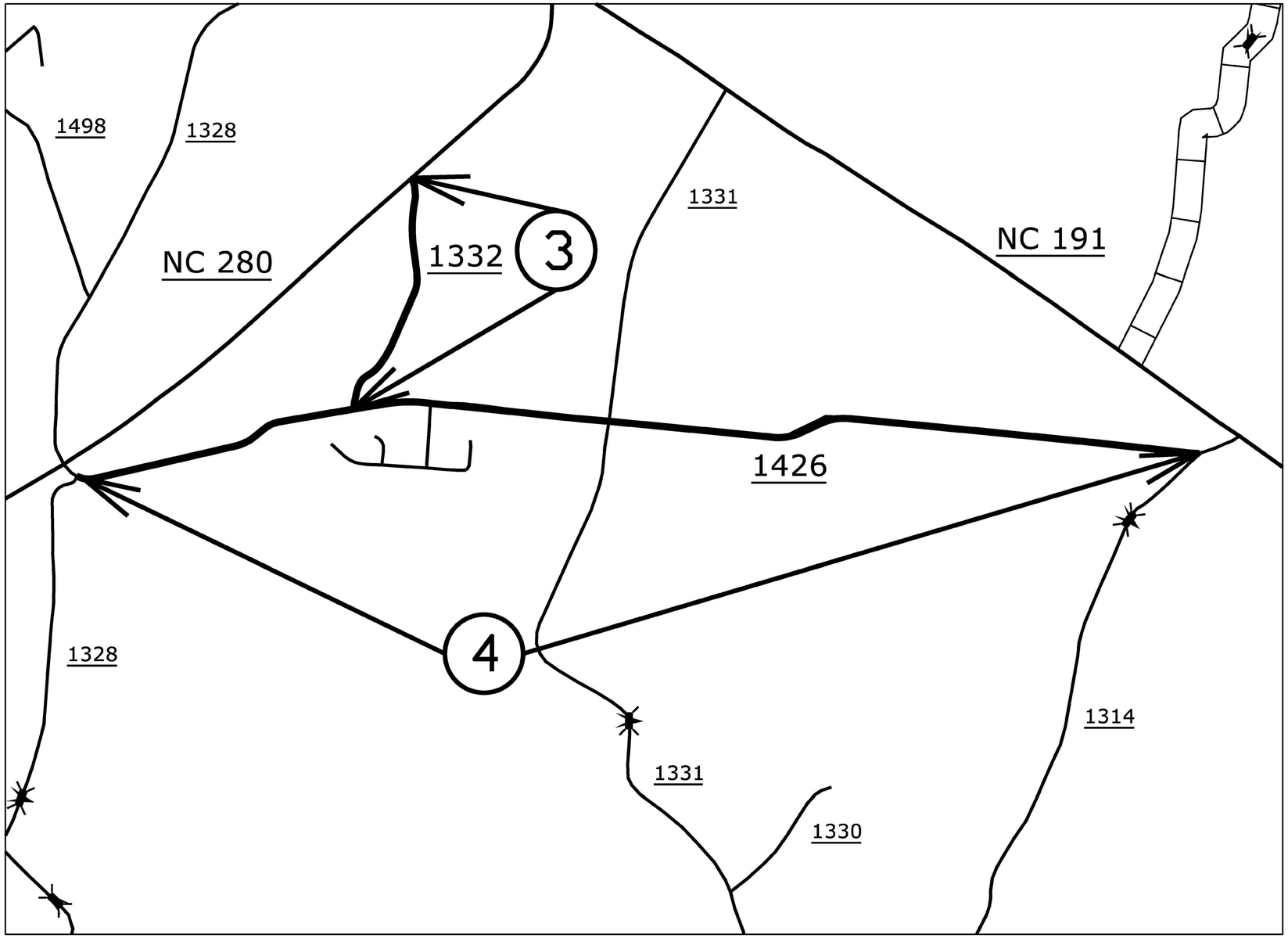
BEG END

CONTRACT: DN01172

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	2027CPT.14.05.20451	3	15

STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION

HENDERSON COUNTY



MAP 3

BEG END

MAP 4

BEG END

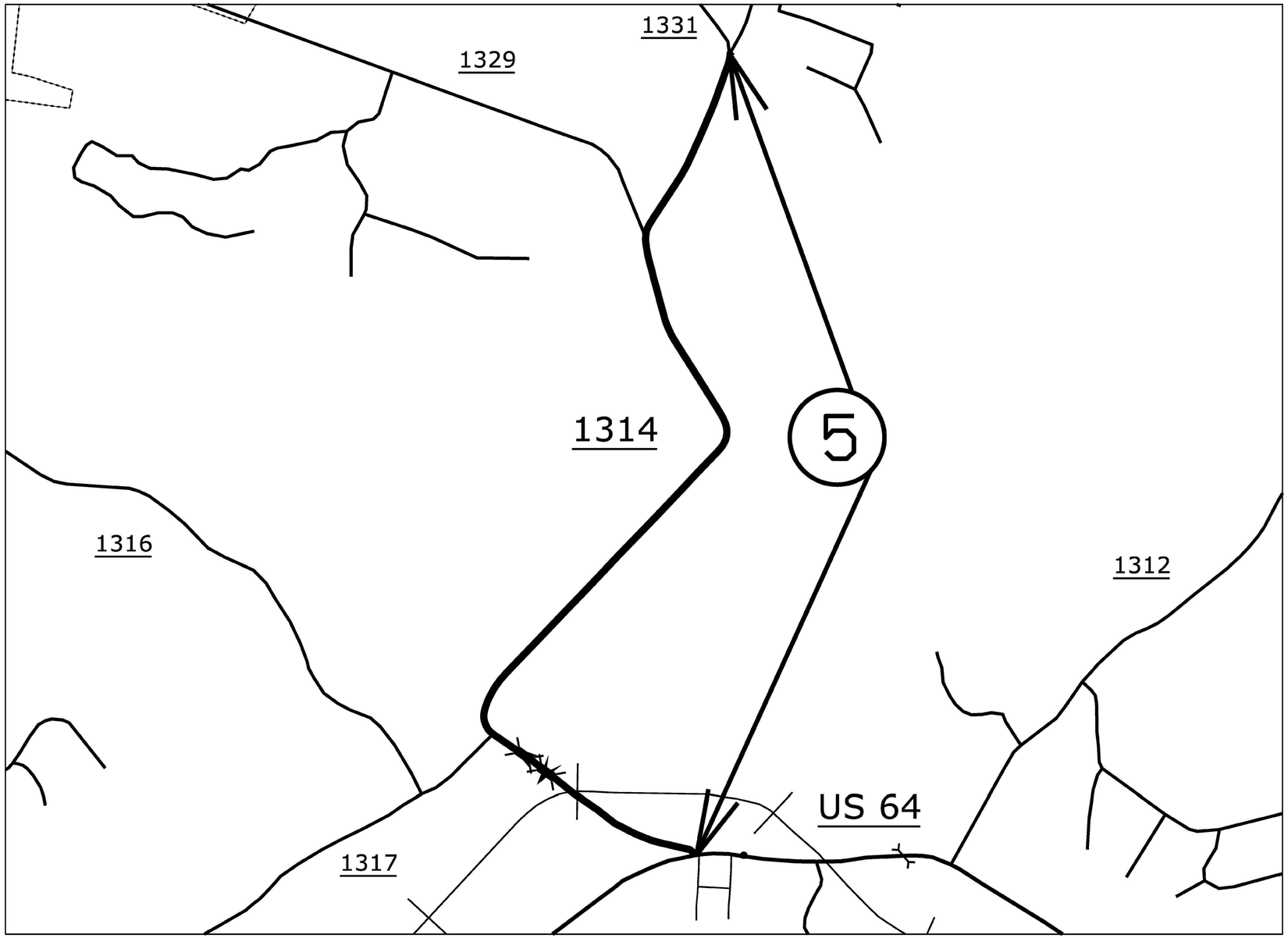
CONTRACT: DN01172

09/08/99

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	2027CPT.14.05.20451	4	15

STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION

HENDERSON COUNTY



MAP 5

BEG END

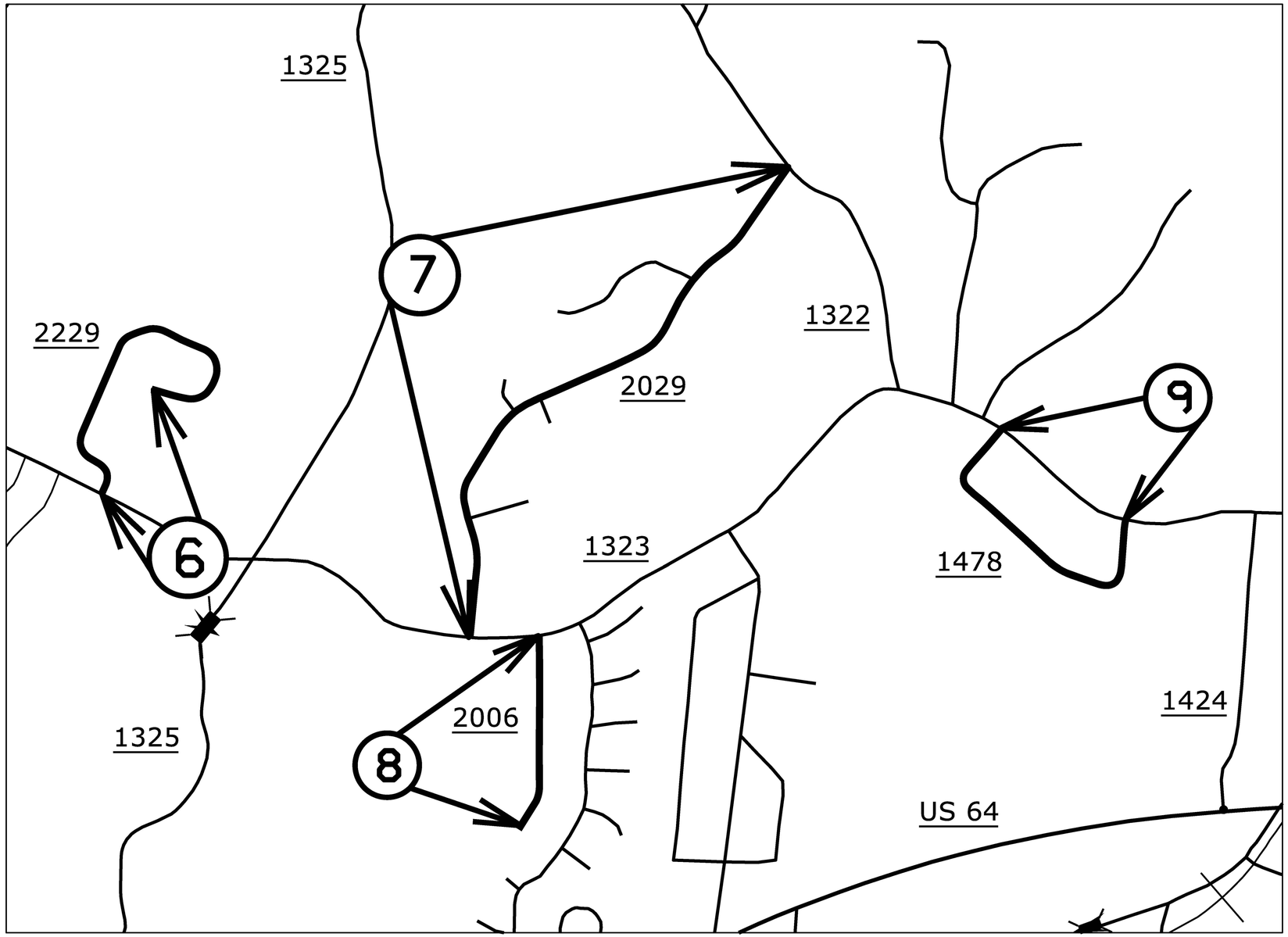
CONTRACT: DN01172

09/08/99

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	2027CPT.14.05.20451	5	12

STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION

HENDERSON COUNTY



MAP 6 MAP 7

BEG END BEG END

MAP 8 MAP 9

BEG END BEG END

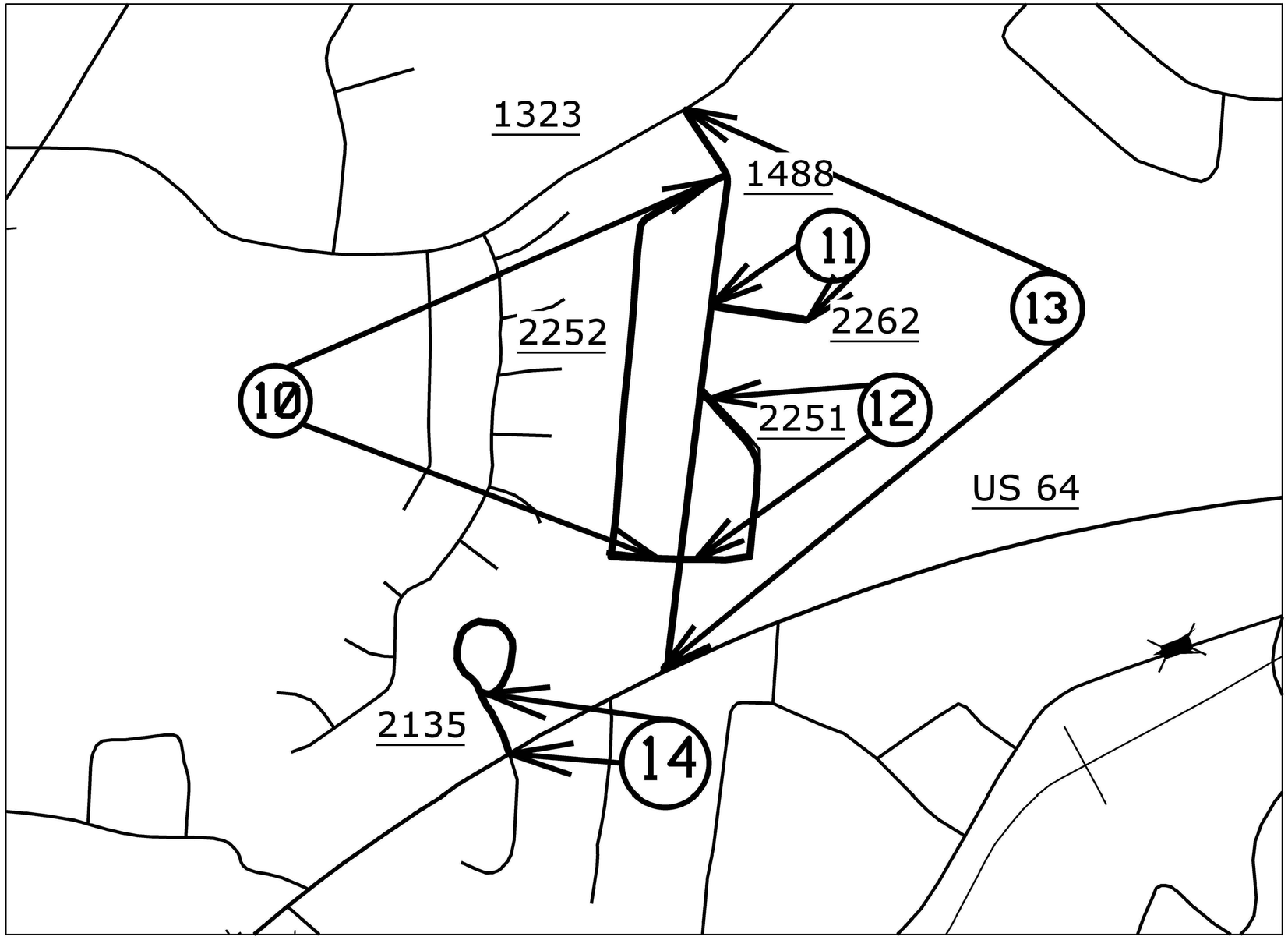
CONTRACT: DN01172

09/08/99

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	2027CPT.14.05.20451	6	15

STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION

HENDERSON COUNTY



MAP 10

BEG END

MAP 11 MAP 12

BEG END BEG END

MAP 13 MAP 14

BEG END BEG END

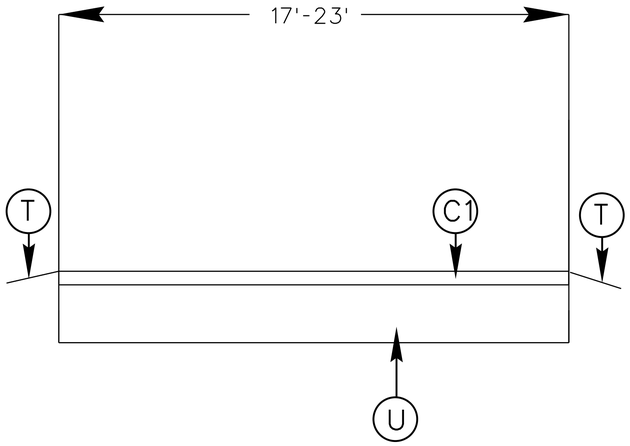
CONTRACT: DN01172

09/08/99

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	2027CPT.14.05.20451	7	12

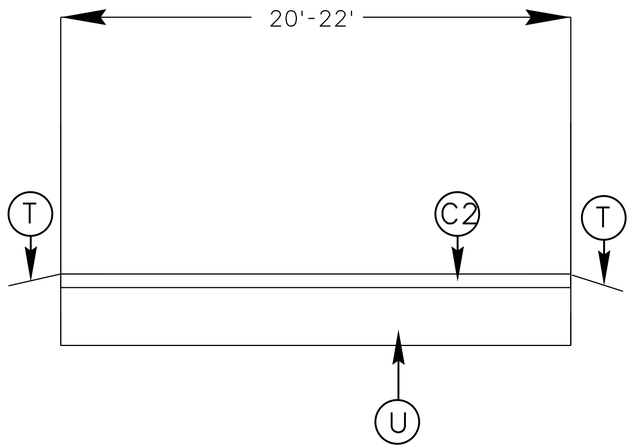
STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION

TYPICAL 1

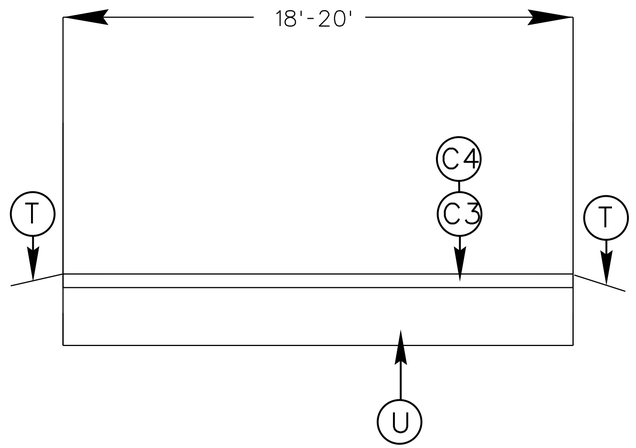


SURFACING SCHEDULE	
C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
C2	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C3	PROP. APPROX. Ø.75" ASPHALT CONCRETE SURFACE COURSE, (LEVELING) TYPE S9.5B, AT AN AVERAGE RATE OF 82.5 LBS. PER SQ. YD.
C4	PROP. APPROX. 1.25" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5b, AT AN AVERAGE RATE OF 138 LBS. PER SQ. YD.
T	SHOULDER RECONSTRUCTION WITH ASB. 2' WIDE UNLESS DIRECTED BY PROJECT ENGINEER -SEE SPECIAL PROVISIONS-
U	EXISTING PAVEMENT

TYPICAL 2



TYPICAL 3



CONTRACT: DN01172

09/08/99

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	2027CPT.14.05.20451	8	15

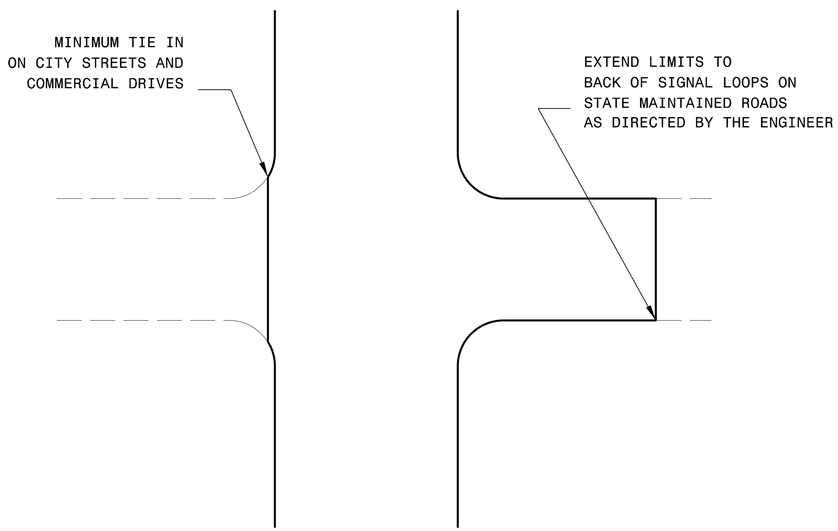
STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION

Bridge Structure Table

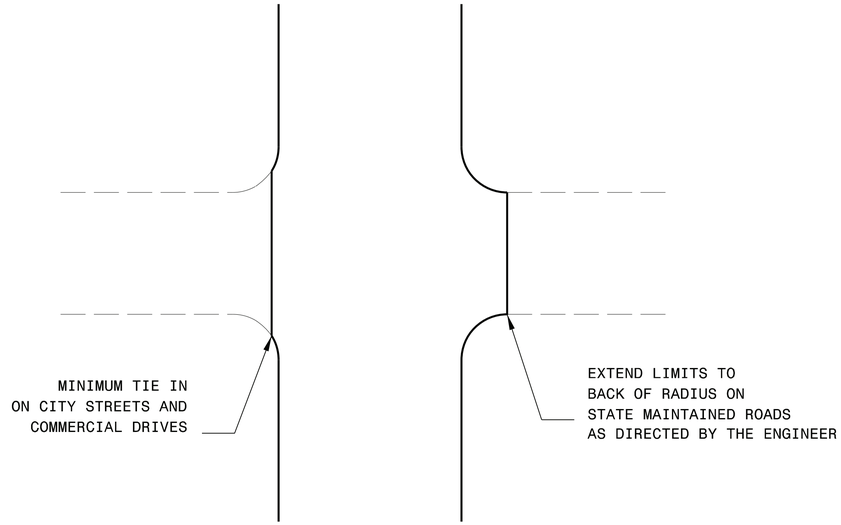
Map #	Route No.	Road Name	County	Structure No.	Posted SV (Tons)	Posted TTST (Tons)	Paving Across Bridge
1	SR-1347	Foster Creek Rd	Henderson	440270	99	99	YES
5	SR-1314	Banner Farm Rd	Henderson	440011	99	99	YES
5	SR-1314	Banner Farm Rd	Henderson	440010	99	99	NO

CONTRACT: DN01172

PROJECT REFERENCE NO.	SHEET NO.
2027CPT.14.05.20451	9



TYPICAL DETAIL OF PROJECT LIMITS AT
SIGNALIZED Y LINES

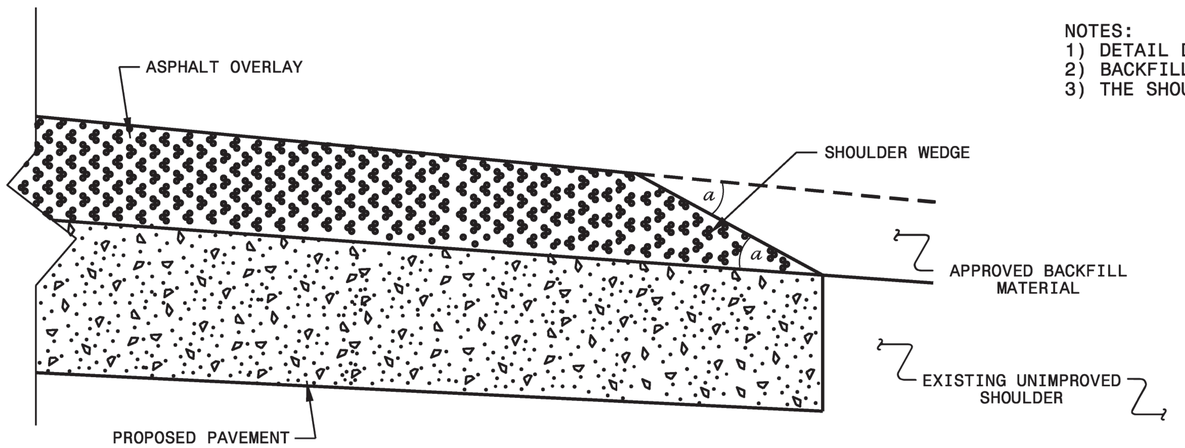


TYPICAL DETAIL OF PROJECT LIMITS AT
UNSIGNALIZED Y LINES

ADDITIONAL INTERSECTIONS (NON-TYPICAL)		
Extend paving limits to back of radius or loop on the following intersections:		
MAP#	STREET NAME	COMMENTS

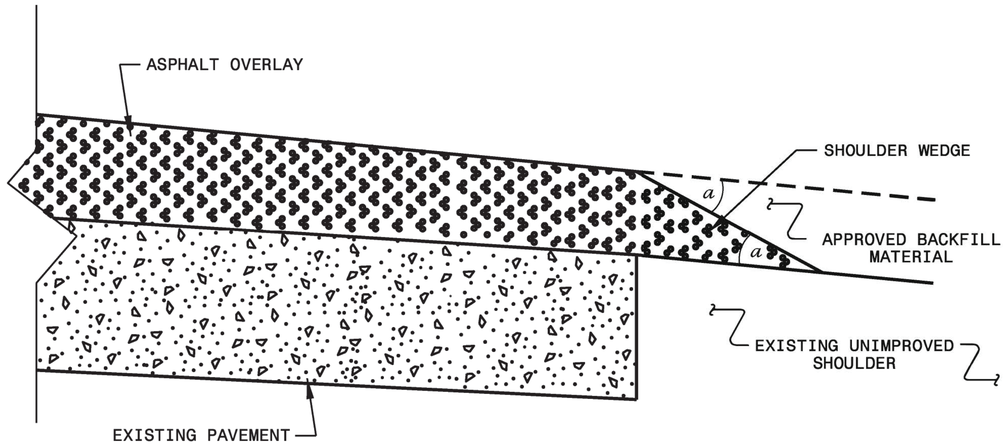
PROJECT REFERENCE NO.	SHEET NO.
2027CPT.14.05.20451	10

NOTES:
1) DETAIL DOES NOT APPLY TO OGAFC 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.



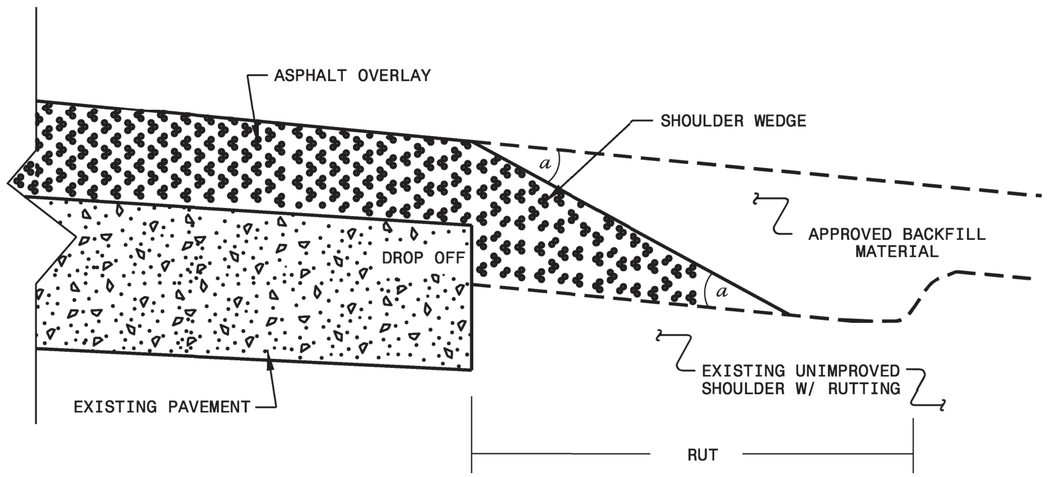
SHOULDER WEDGE DETAIL

(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/dot_ails/stand/shoulderwed_edetail.dgn

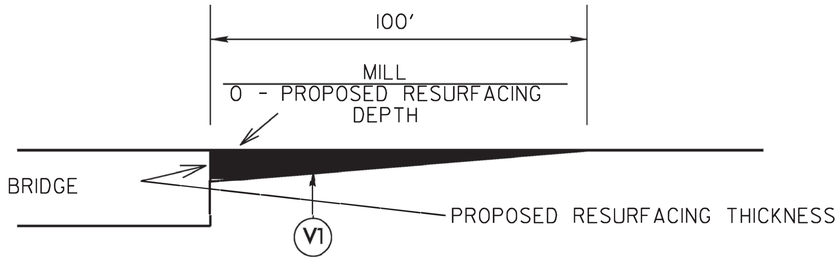
CONTRACT: DN01172

$$$$SYSTIME$$$$
$$$$DGN$$$$
$$$$USERNAME$$$$

09/08/99

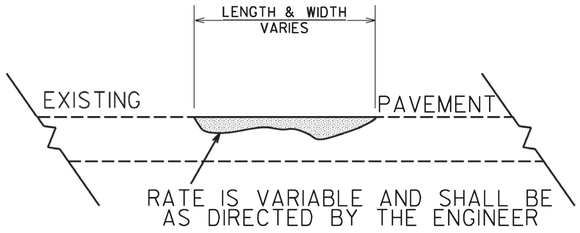
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C	2027CPT.14.05.20451	11	

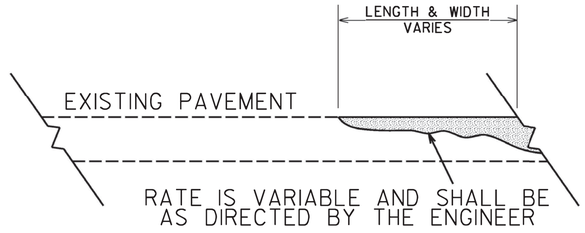
STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION



MILLING DETAIL AT BRIDGE APPROACHES

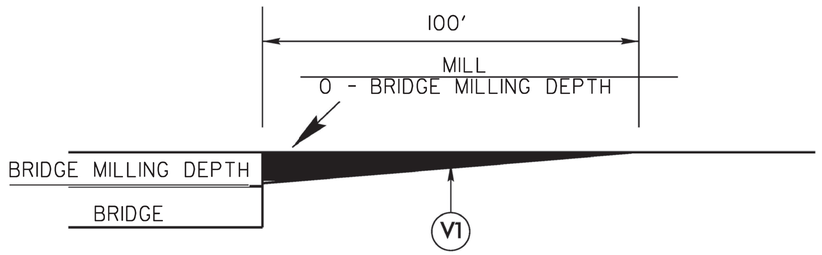
WHERE BRIDGES WILL NOT BE RESURFACED. THIS WILL BE PAID FOR AS INCIDENTAL MILLING.





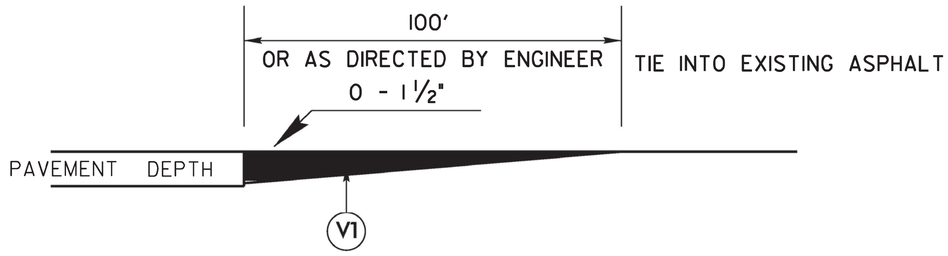
DETAIL SHOWING METHOD OF WEDGING

****PROPOSED WEDGE COURSE* (114 LBS PER SQ YARD PER 1" DEPTH)***



MILLING DETAIL AT BRIDGE APPROACHES

WHERE BRIDGES WILL BE MILLED THEN RESURFACED. THIS WILL BE PAID FOR AS INCIDENTAL MILLING.



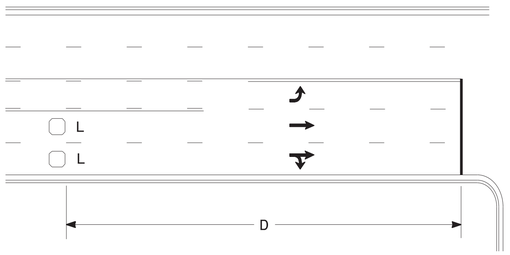
DETAIL TO TIE INTO EXIST PAVEMENT

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. THIS WILL BE PAID FOR AS 1 1/2" MILLING.

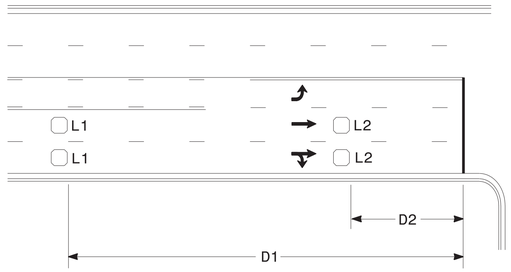
CONTRACT: **DN01172**

PROJECT REFERENCE NO.	SHEET NO.
2027CPT.14.05.20451	12

High Speed Detection
(≥40 mph)



OR



Speed Limit mph	D ft
40	250
45	300
50	355
55	420

L = 6ft X 6ft
Wired separately

Volume Density Operation

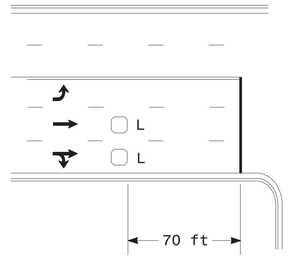
Speed Limit mph	D1 ft	D2 ft
40	250	80
45	300	90
50	355	100
55	420	110

L1 = 6ft X 6ft
Wired in series

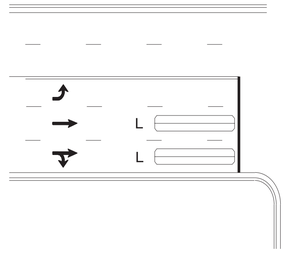
L2 = 6ft X 6ft
Wired in series

"Stretch" Operation

Low Speed Detection
(≤35 mph)



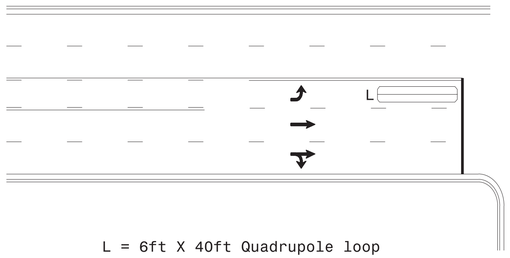
OR



L = 6ft X 6ft
Wired in series

L = 6ft X 40ft
Quadrupole loop, wired separately

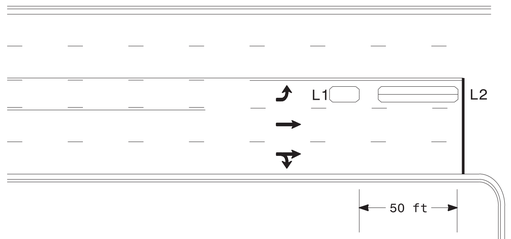
Left Turn Lane Detection



L = 6ft X 40ft Quadrupole loop

Presence Loop Detection

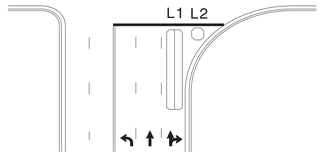
OR



L1 = 6ft X 15ft Queue detector
L2 = 6ft X 40ft Quadrupole loop

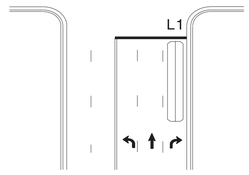
Queue Loop Detection

Right Turn Lane Detection

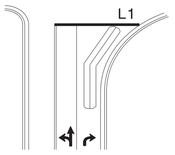


Shared Lane/
Wide Radius Turn

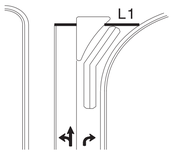
L1 = 6ft X 40ft Quadrupole loop
L2 = 6ft X 6ft [Minimum] Presence loop
Wired separately



Standard Turn

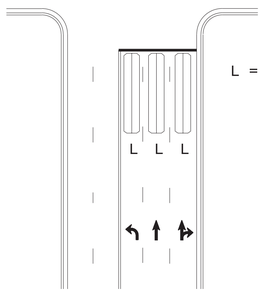


Wide Radius Turn



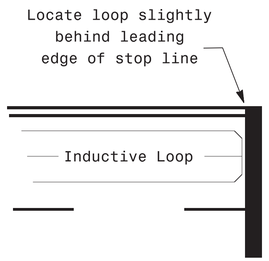
Channelized Turn

Side Street Detection



L = 6ft X 40ft
Quadrupole loop
Wired to separate
detectors/channels

Presence Loop Placement at Stop Lines



Note:
Loop may be located in advance of stop line under any of the following conditions:
1) stop line is greater than 15′ from edge of intersecting roadway
2) loop detects a permissive or protected/permissive left turn
3) for an exclusive right turn lane

Recommended Number of Turns

Single 6′ X 6′ loop
(when wired separately):

Length of Lead-in ft	Number of Turns
< 250	3
250-375	4
375-525	5
> 525	6

Quadrupole loops: Use 2-4-2 turns

6′ X 15′ Loops:
Lead-in < 150′, use 2 turns
Lead-in > 150′, use 3 turns

Prepared In the Offices of:
Transportation Mobility and Safety Division
Signal Design Section
750 N.Greenfield Pkwy.Garner,NC 27529

Typical Signal Loop Locations

PLAN DATE: September 2020 | REVIEWED BY: JPG
PREPARED BY: PLA | REVIEWED BY:

SCALE
N/A

REVISIONS	INIT.	DATE

SEAL
NORTH CAROLINA PROFESSIONAL SEAL 029904 ENGINEER JASON P. GALLOWAY

9/8/2020
DATE

SIG. INVENTORY NO.

08-SEP-2020 11:54
S:\#ITS&SIGNALS\Signals\Design Section\Eastern Region\Loop Typical\loop typical2015.dgn
jgalloway

PROJECT NO.	SHEET NO.	TOTAL NO.
2027CPT.14.05.20451	13	15

SUMMARY OF QUANTITIES

													1245000000-E	1260000000-E	1330000000-E	1519000000-E	1520000000-E	1523000000-E	1575000000-E	1704000000-E	2830000000-N	2845000000-N	7444000000-E	7456100000-E
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEGIN MP	END MP		SHOULDER RECONSTRUCTION	AGGREGATE SHOULDER BORROW	INCIDENTAL MILLING	SURFACE COURSE, S9.5B	LEVELING COURSE, S9.5B	SURFACE COURSE, S9.5C	ASPHALT BINDER FOR PLANT MIX	PATCHING EXISTING PAVEMENT	ADJ. OF MANHOLES	ADJ. OF METER OR VALVE BOX	INDUCTIVE LOOP SAWCUT	LEAD-IN CABLE (14-2)
								MI	FT				SMI	TON	SY	TONS	TONS	TONS	TONS	TONS	EA	EA	LF	LF
2027CPT.14.05.20451	Henderson	1	SR-1347 / FOSTER CREEK RD	FROM SR 1345 TO EOM	3	2	2WU	1.000	20	0.000	1.000		2.00	300	270	850	645		108	217				
TOTAL FOR MAP NO. 1								**1.000**					**2.00**	**300**	**270**	**850**	**645**		**108**	**217**				
2027CPT.14.05.20451	Henderson	2	SR-1340 / DALTON RD	FROM BRIDGE TO EOM	3	2	2WU	0.940	20	0.090	1.030		1.86	282	350	799	606		104	254				
TOTAL FOR MAP NO. 2								**0.940**					**1.86**	**282**	**350**	**799**	**606**		**104**	**254**				
2027CPT.14.05.20451	Henderson	3	SR-1332 / PRESBYTERIAN CHURCH RD	FROM SR 1426 TO NC 280	3	2	2WU	0.400	18	0.000	0.400		0.80	120		306	202		35	32	1	1		
TOTAL FOR MAP NO. 3								**0.400**					**0.80**	**120**		**306**	**202**		**35**	**32**	**1**	**1**		
2027CPT.14.05.20451	Henderson	4	SR-1426 / SCHOOL HOUSE RD	FROM NC 191 TO NC 280	2	2	2WU	1.905	22	0.000	1.905		3.82	572	751			2,248	150	352		2	108.00	50.00
TOTAL FOR MAP NO. 4								**1.905**					**3.82**	**572**	**751**			**2,248**	**150**	**352**		**2**	**108.00**	**50.00**
2027CPT.14.05.20451	Henderson	5	SR-1314 / BANNER FARM RD	FROM SR 1331 TO US 64	2	2	2WU	1.551	20	1.379	2.930		3.00	465	1,752			1,681	118	384			264.00	175.00
TOTAL FOR MAP NO. 5								**1.551**					**3.00**	**465**	**1,752**			**1,681**	**118**	**384**			**264.00**	**175.00**
2027CPT.14.05.20451	Henderson	6	SR-2229 / MEADOW DR	FROM SR 1323 TO EOM	1	2	2WU	0.470	22	0.000	0.470		0.94	282		550			48	260				
TOTAL FOR MAP NO. 6								**0.470**					**0.94**	**282**		**550**			**48**	**260**				
2027CPT.14.05.20451	Henderson	7	SR-2029 / W FAIRWAY DR	FROM SR 1322 TO SR 1323	1	2	2WU	0.796	20	0.000	0.796		1.60	239	224	932			74	278		1		
TOTAL FOR MAP NO. 7								**0.796**					**1.60**	**239**	**224**	**932**			**74**	**278**		**1**		
2027CPT.14.05.20451	Henderson	8	SR-2006 / MOCKINGBIRD HILL DR	FROM SR 1323 TO EOM	1	2	2WU	0.255	20	0.000	0.255		0.51	77	56	266			19	38				
TOTAL FOR MAP NO. 8								**0.255**					**0.51**	**77**	**56**	**266**			**19**	**38**				
2027CPT.14.05.20451	Henderson	9	SR-1478 / MOLAND DR	FROM SR 1323 TO SR 1323	1	2	2WU	0.399	19	0.000	0.399		0.78	120	105	377			44	405				
TOTAL FOR MAP NO. 9								**0.399**					**0.78**	**120**	**105**	**377**			**44**	**405**				
2027CPT.14.05.20451	Henderson	10	SR-2252 / W LAUREL LN	FROM SR 1488 TO SR 1488	1	2	2WU	0.460	21	0.000	0.460		0.92	276		493			36	80				
TOTAL FOR MAP NO. 10								**0.460**					**0.92**	**276**		**493**			**36**	**80**				
2027CPT.14.05.20451	Henderson	11	SR-2262 / TEE BOX LN	FROM SR 1488 TO EOM	1	2	2WU	0.094	20	0.000	0.094		0.19	28		97			6			1		
TOTAL FOR MAP NO. 11								**0.094**					**0.19**	**28**		**97**			**6**			**1**		
2027CPT.14.05.20451	Henderson	12	SR-2251 / E LAUREL LN	FROM SR 1488 TO SR 1488	1	2	2WD	0.200	17	0.000	0.200		0.44	60		190			14	24		3		
TOTAL FOR MAP NO. 12								**0.200**					**0.44**	**60**		**190**			**14**	**24**		**3**		
2027CPT.14.05.20451	Henderson	13	SR-1488 / N GREENWOOD FOREST DR	FROM US 64 TO SR 1323	1	2	2WU	0.534	23	0.000	0.534		1.06	160	267	619			59	400		2		
TOTAL FOR MAP NO. 13								**0.534**					**1.06**	**160**	**267**	**619**			**59**	**400**		**2**		
2027CPT.14.05.20451	Henderson	14	SR-2135 / BRANDYMILL LOOP	FROM US 64 TO SR 2135	1	2	2WU	0.255	20	0.000	0.255		0.48	77	225	239			21	123		2		
TOTAL FOR MAP NO. 14								**0.255**					**0.48**	**77**	**225**	**239**			**21**	**123**		**2**		
TOTAL FOR PROJ NO. 2027CPT.14.05.20451								**9.259**					**18.40**	**3,058**	**4,000**	**5,718**	**1,453**	**3,929**	**836**	**2,847**	**1**	**12**	**372.00**	**225.00**
GRAND TOTAL								**9.259**					**18.40**	**3,058**	**4,000**	**5,718**	**1,453**	**3,929**	**836**	**2,847**	**1**	**12**	**372.00**	**225.00**

PROJECT NO.	SHEET NO.	TOTAL NO.
2027CPT.14.05.20451	14	15

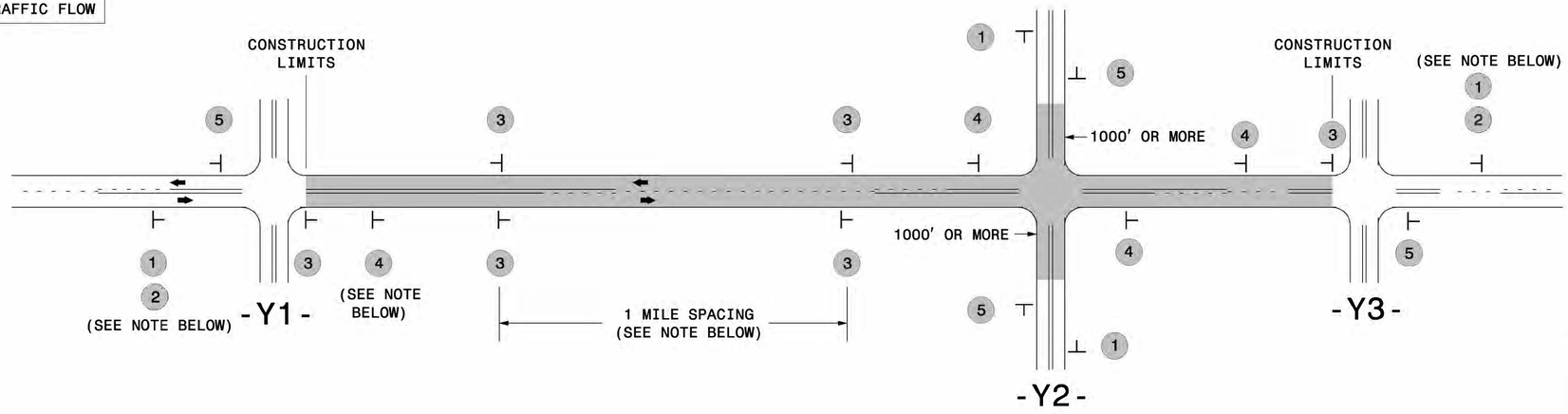
THERMOPLASTIC AND PAINT QUANTITIES

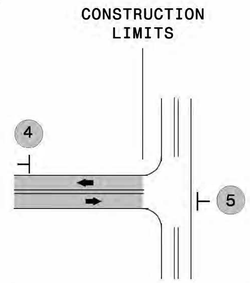
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PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEGIN MP	END MP	WORK ZONE ADVANCE/GENERAL WARNING SIGNING	TEMPORARY TRAFFIC CONTROL	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)(YELLOW)	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)(WHITE)	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS)(WHITE)	THERMO MSG SCHOOL 90 M	THERMO LT ARROW 90 MILS	HEATED-IN-PLACE THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)	WHITE HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINES (4", 60 MILS)	YELLOW HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINES (4", 60 MILS)	WHITE HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINES, (12", 60 MILS)	WHITE HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINES (24", 60 MILS)	GENERIC PAVEMENT MARKING ITEM - POLYCARBONATE H-SHAPED MARKERS
								MI	FT			SF	LS	LF	LF	LF	EA	EA	LF	LF	LF	LF	LF	EA
2027CPT.14.05.20451	Henderson	1	SR-1347 / FOSTER CREEK RD	FROM SR 1345 TO EOM	3	2	2WU	1	20	0	1	112	0.13	10,560	10,560									
TOTAL FOR MAP NO. 1								**1**				**112**	**0.13**	**10,560**	**10,560**									
2027CPT.14.05.20451	Henderson	2	SR-1340 / DALTON RD	FROM BRIDGE TO EOM	3	2	2WU	0.94	20	0.09	1.03	106	0.12							10,560	10,560			
TOTAL FOR MAP NO. 2								**0.94**				**106**	**0.12**							**10,560**	**10,560**			
2027CPT.14.05.20451	Henderson	3	SR-1332 / PRESBYTERIAN CHURCH RD	FROM SR 1426 TO NC 280	3	2	2WU	0.4	18	0	0.4	45	0.04							4,224	4,224	10		
TOTAL FOR MAP NO. 3								**0.4**				**45**	**0.04**							**4,224**	**4,224**	**10**		
2027CPT.14.05.20451	Henderson	4	SR-1426 / SCHOOL HOUSE RD	FROM NC 191 TO NC 280	2	2	2WU	1.905	22	0	1.905	214	0.18	22,304	21,247	102	12	3	600					
TOTAL FOR MAP NO. 4								**1.905**				**214**	**0.18**	**22,304**	**21,247**	**102**	**12**	**3**	**600**					
2027CPT.14.05.20451	Henderson	5	SR-1314 / BANNER FARM RD	FROM SR 1331 TO US 64	2	2	2WU	1.551	20	1.379	2.93	174	0.14							16,250	16,364		10	121.00
TOTAL FOR MAP NO. 5								**1.551**				**174**	**0.14**							**16,250**	**16,364**		**10**	**121**
2027CPT.14.05.20451	Henderson	6	SR-2229 / MEADOW DR	FROM SR 1323 TO EOM	1	2	2WU	0.47	22	0	0.47	53	0.06									11		
TOTAL FOR MAP NO. 6								**0.47**				**53**	**0.06**									**11**		
2027CPT.14.05.20451	Henderson	7	SR-2029 / W FAIRWAY DR	FROM SR 1322 TO SR 1323	1	2	2WU	0.796	20	0	0.796	90	0.09							10,000	10,000		22	
TOTAL FOR MAP NO. 7								**0.796**				**90**	**0.09**							**10,000**	**10,000**		**22**	
2027CPT.14.05.20451	Henderson	8	SR-2006 / MOCKINGBIRD HILL DR	FROM SR 1323 TO EOM	1	2	2WU	0.255	20	0	0.255	29	0.02										10	
TOTAL FOR MAP NO. 8								**0.255**				**29**	**0.02**										**10**	
2027CPT.14.05.20451	Henderson	9	SR-1478 / MOLAND DR	FROM SR 1323 TO SR 1323	1	2	2WU	0.399	19	0	0.399	44	0.05							4,120	4,120		20	
TOTAL FOR MAP NO. 9								**0.399**				**44**	**0.05**							**4,120**	**4,120**		**20**	
2027CPT.14.05.20451	Henderson	10	SR-2252 / W LAUREL LN	FROM SR 1488 TO SR 1488	1	2	2WU	0.46	21	0	0.46	52	0.04											
TOTAL FOR MAP NO. 10								**0.46**				**52**	**0.04**											
2027CPT.14.05.20451	Henderson	11	SR-2262 / TEE BOX LN	FROM SR 1488 TO EOM	1	2	2WU	0.094	20	0	0.094	11	0.01											
TOTAL FOR MAP NO. 11								**0.094**				**11**	**0.01**											
2027CPT.14.05.20451	Henderson	12	SR-2251 / E LAUREL LN	FROM SR 1488 TO SR 1488	1	2	2WD	0.2	17	0	0.2	25	0.02											
TOTAL FOR MAP NO. 12								**0.2**				**25**	**0.02**											
2027CPT.14.05.20451	Henderson	13	SR-1488 / N GREENWOOD FOREST DR	FROM US 64 TO SR 1323	1	2	2WU	0.534	23	0	0.534	60	0.07							5,598	5,598			
TOTAL FOR MAP NO. 13								**0.534**				**60**	**0.07**							**5,598**	**5,598**			
2027CPT.14.05.20451	Henderson	14	SR-2135 / BRANDYMILL LOOP	FROM US 64 TO SR 2135	1	2	2WU	0.255	20	0	0.255	54	0.03											
TOTAL FOR MAP NO. 14								**0.255**				**54**	**0.025**											
TOTAL FOR PROJ NO. 2027CPT.14.05.20451								**9.259**				**1,069**	**1.000**	**32,864**	**31,807**	**102**	**12**	**3**	**600**	**50,752**	**50,866**	**21**	**62**	**121.00**
														64,671						**101,618**				
GRAND TOTAL								**9.259**				**1,069**	**1.000**	**32,864**	**31,807**	**102**	**12**	**3**	**600**	**50,752**	**50,866**	**21**	**62**	**121.00**
														64,671						**101,618**				

PROJ. REFERENCE NO.	SHEET NO.
2027CPT.14.05.20451	TMP-1

SIGNING FOR RESURFACING PROJECTS

LEGEND
- ⊢ STATIONARY SIGN
- ⬅ DIRECTION OF TRAFFIC FLOW





TEE INTERSECTION

MAINLINE (-L-) SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION

1 ROAD WORK AHEAD W20-1 48″ X 48″
2 NEXT XX MILES 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)

3 LOWSOFT SHOULDER SP 13107 48″ X 48″

- PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACE 1 MILE APART THEREAFTER.
- AT TEE INTERSECTIONS INSTALL INITIALLY ½ MILE FROM INTERSECTION AND SPACE 1 MILE APART THEREAFTER.

4 ROAD UNDER CONST 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.

5 END ROAD WORK 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.

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.

MAPS LESS THAN 2 MILES

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.

-Y- LINE SIGNING

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.

ROAD WORK AHEAD W20-1 48″ X 48″
PLACED 500′ IN ADVANCE OF FLAGGER.

W20-7 A 48″ X 48″
PLACED 250′ IN ADVANCE OF FLAGGER.

DIVISION OF HIGHWAYS · STATE OF NORTH CAROLINA · DEPARTMENT OF TRANSPORTATION · WORK ZONE TRAFFIC CONTROL

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

5/15/2017
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