WBS ELEMENT	SHEET NO.
2027CPT.08.04.20192	1

Maps 18-20

Maps 1 thru 3

6

4

5

7

9

Maps 10-12

8

Maps 13&17

ALAMANCE COUNTY

DURHAM COUNTY

RANDOLPH COUNTY

WAKE COUNTY

LEE COUNTY

HARNETT COUNTY

HARRIS RESERVOIR

79° 45'

79° 55'

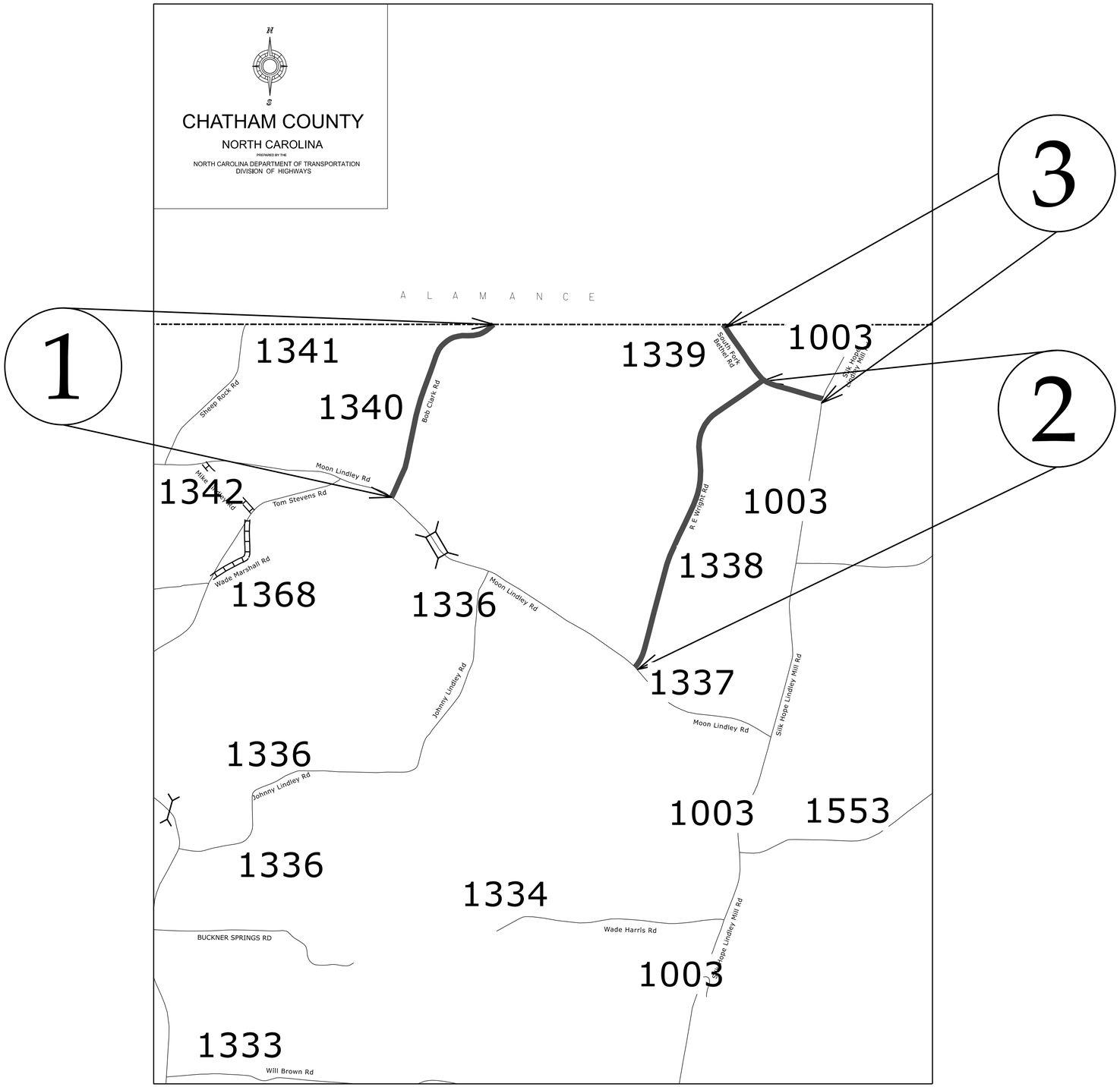
N

S

CHATHAM COUNTY
ASPHALT SURFACE TREATMENT

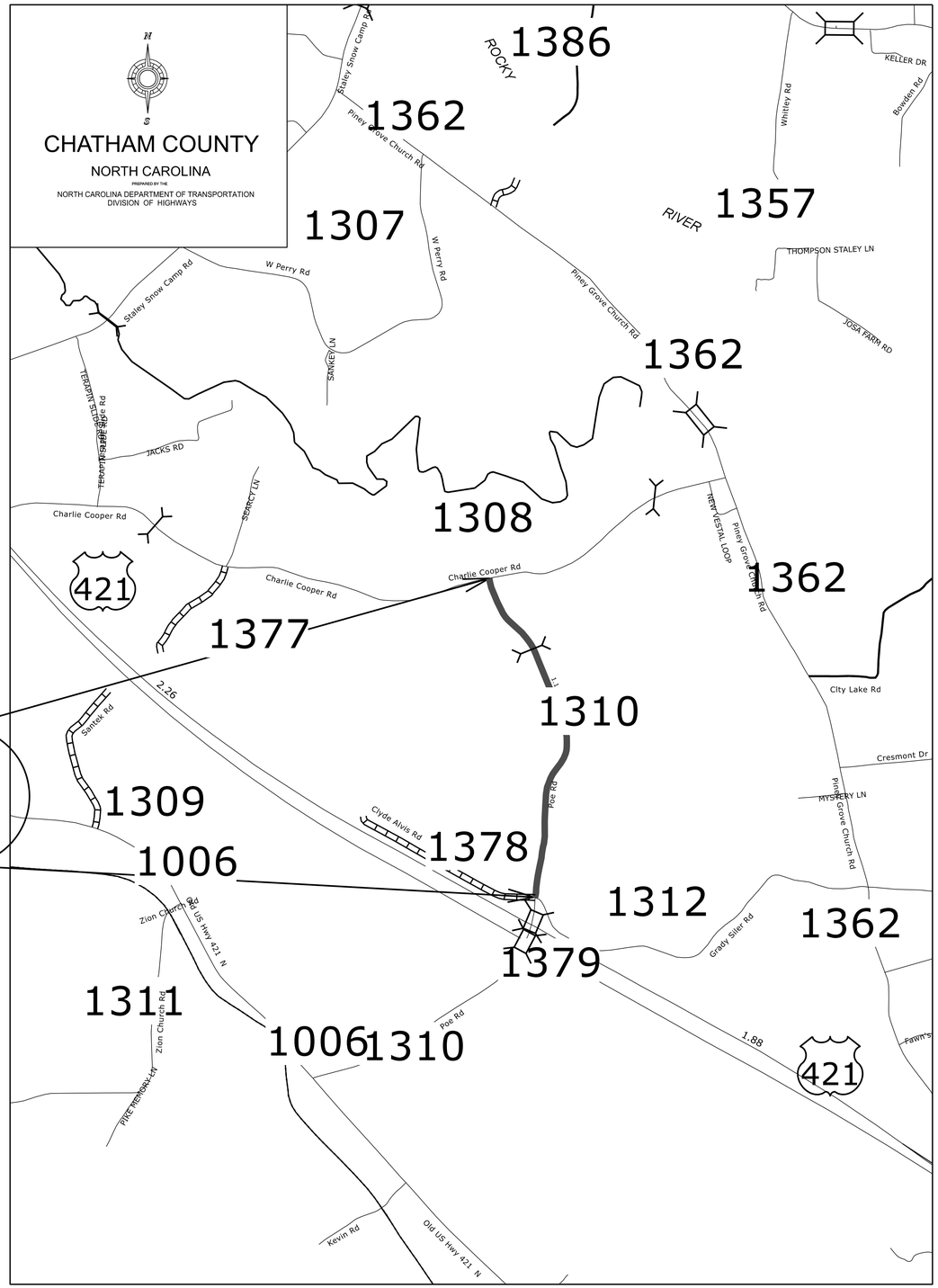
WBS ELEMENT	SHEET NO.
2027CPT.08.04.20192	2

Maps 1,2, & 3

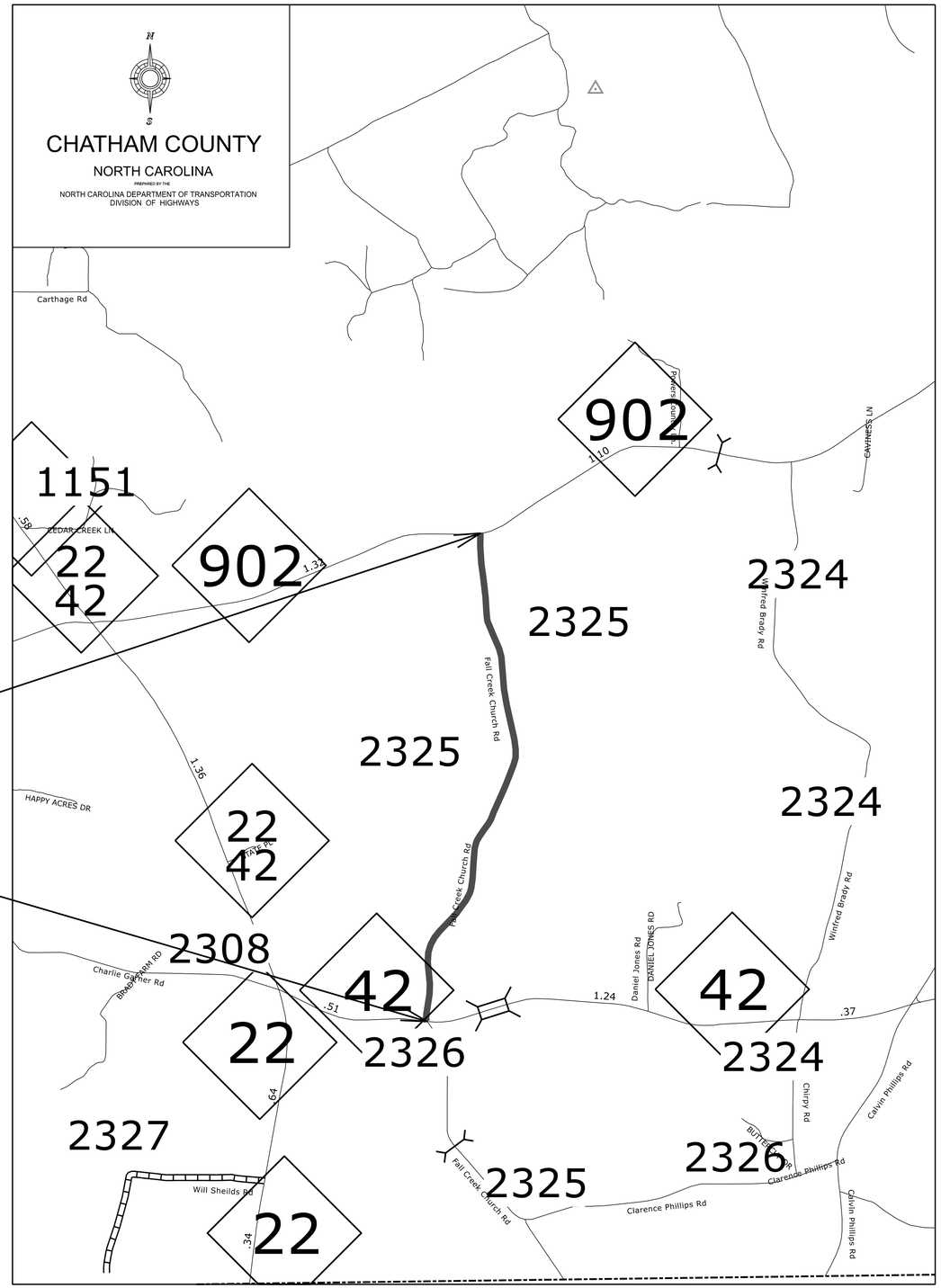


WBS ELEMENT	SHEET NO.
2027CPT.08.04.20192	3

Map 4

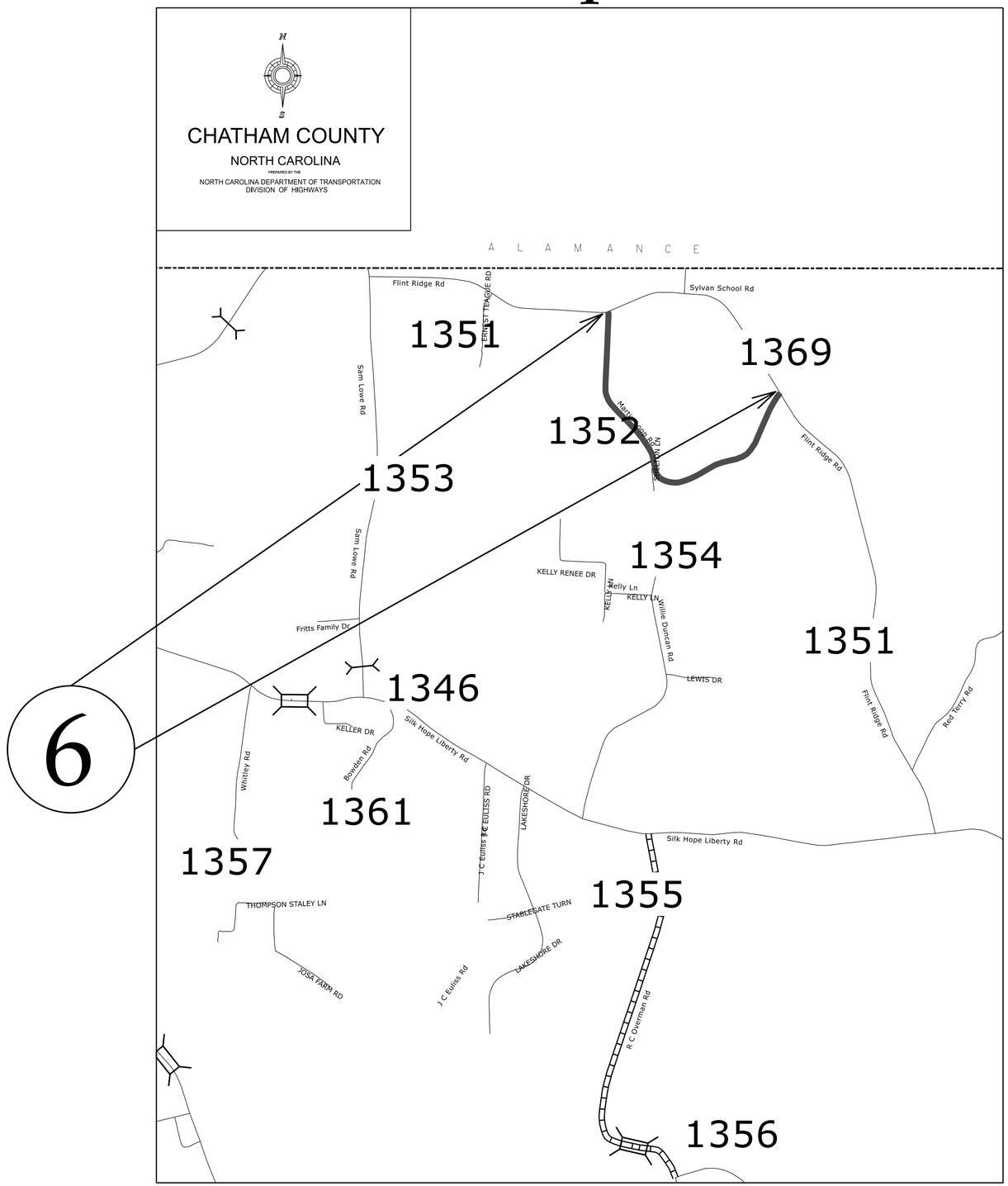


Map 5

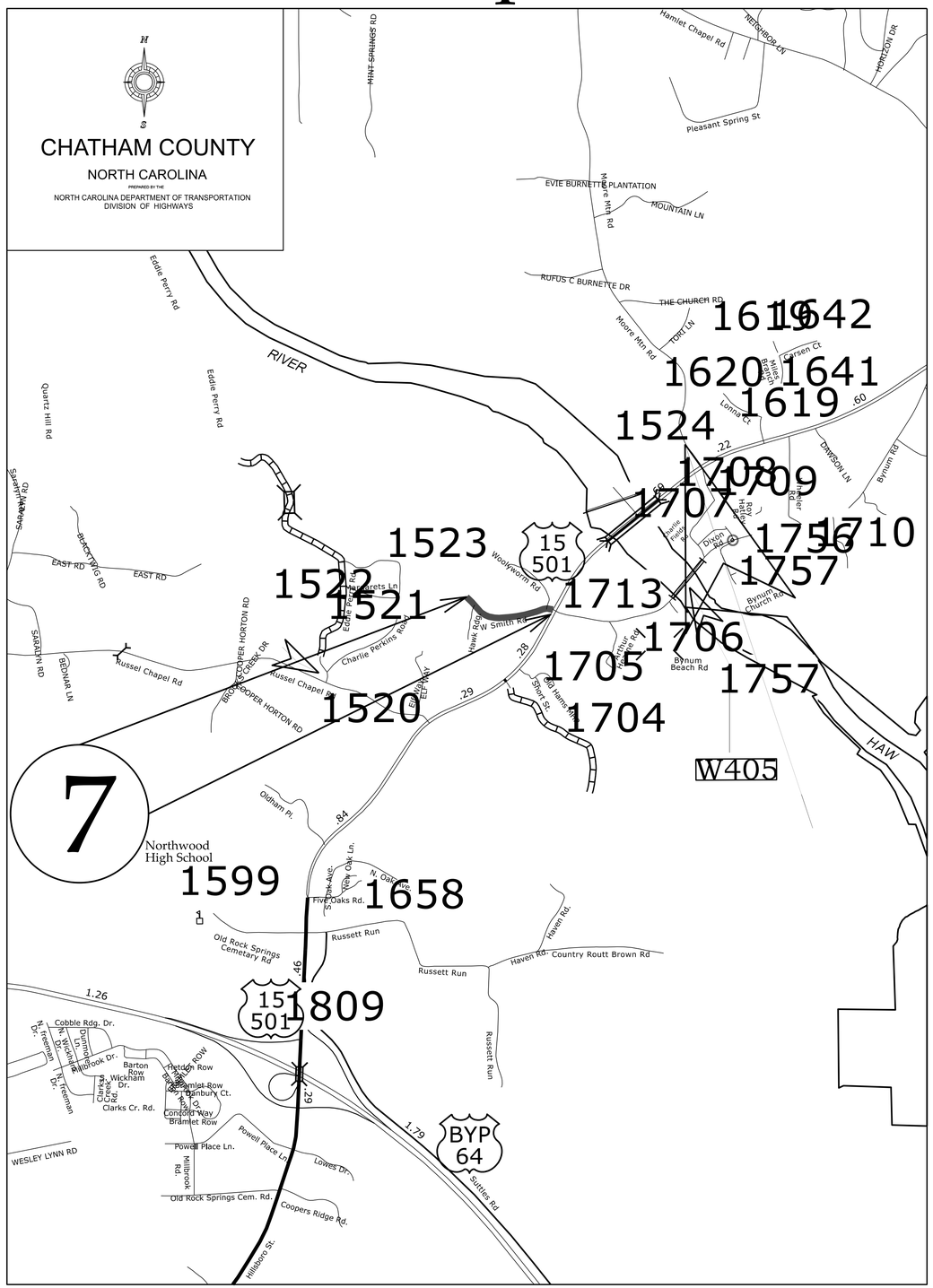


WBS ELEMENT	SHEET NO.
2027CPT.08.04.20192	4

Map 6

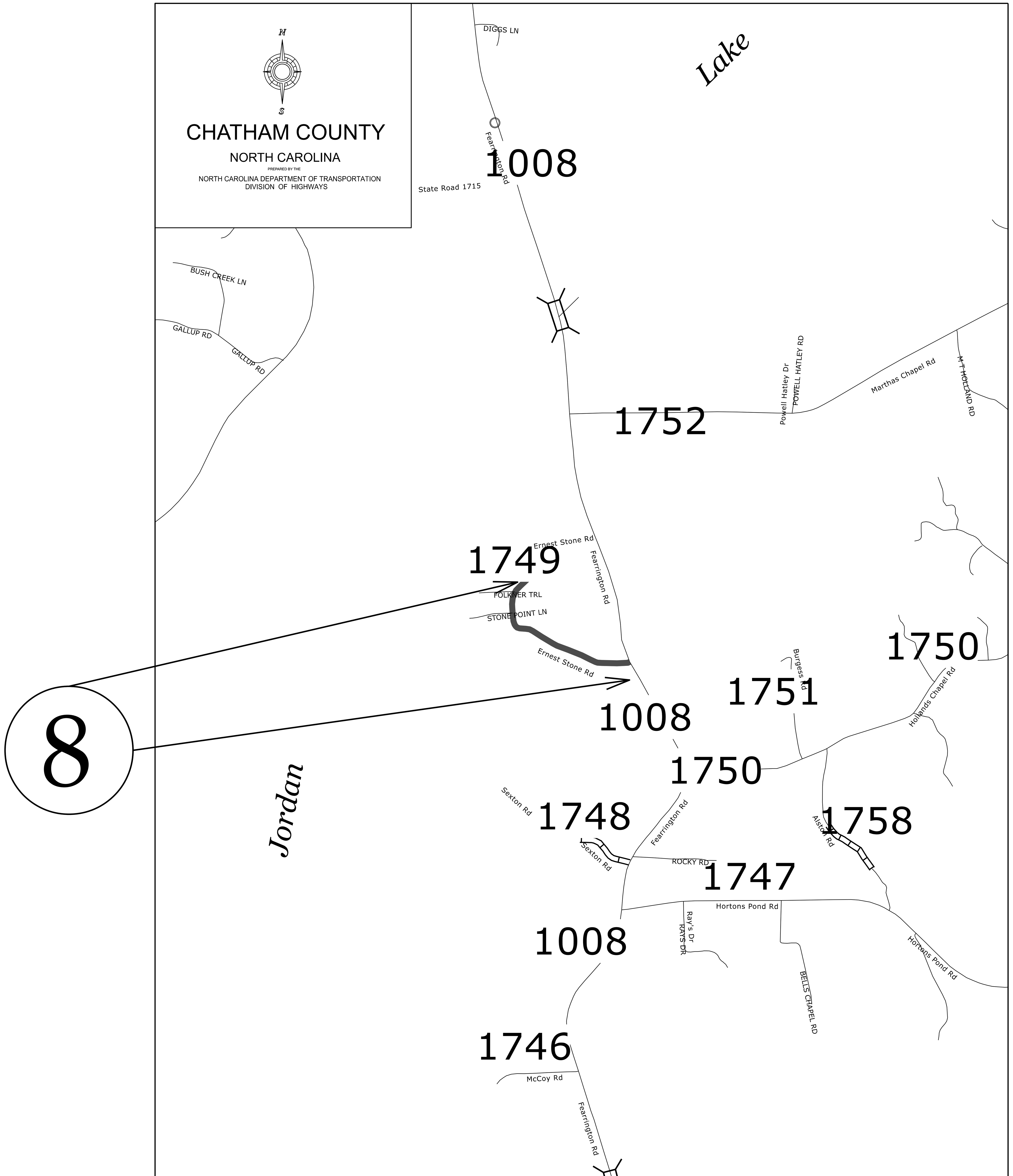


Map 7

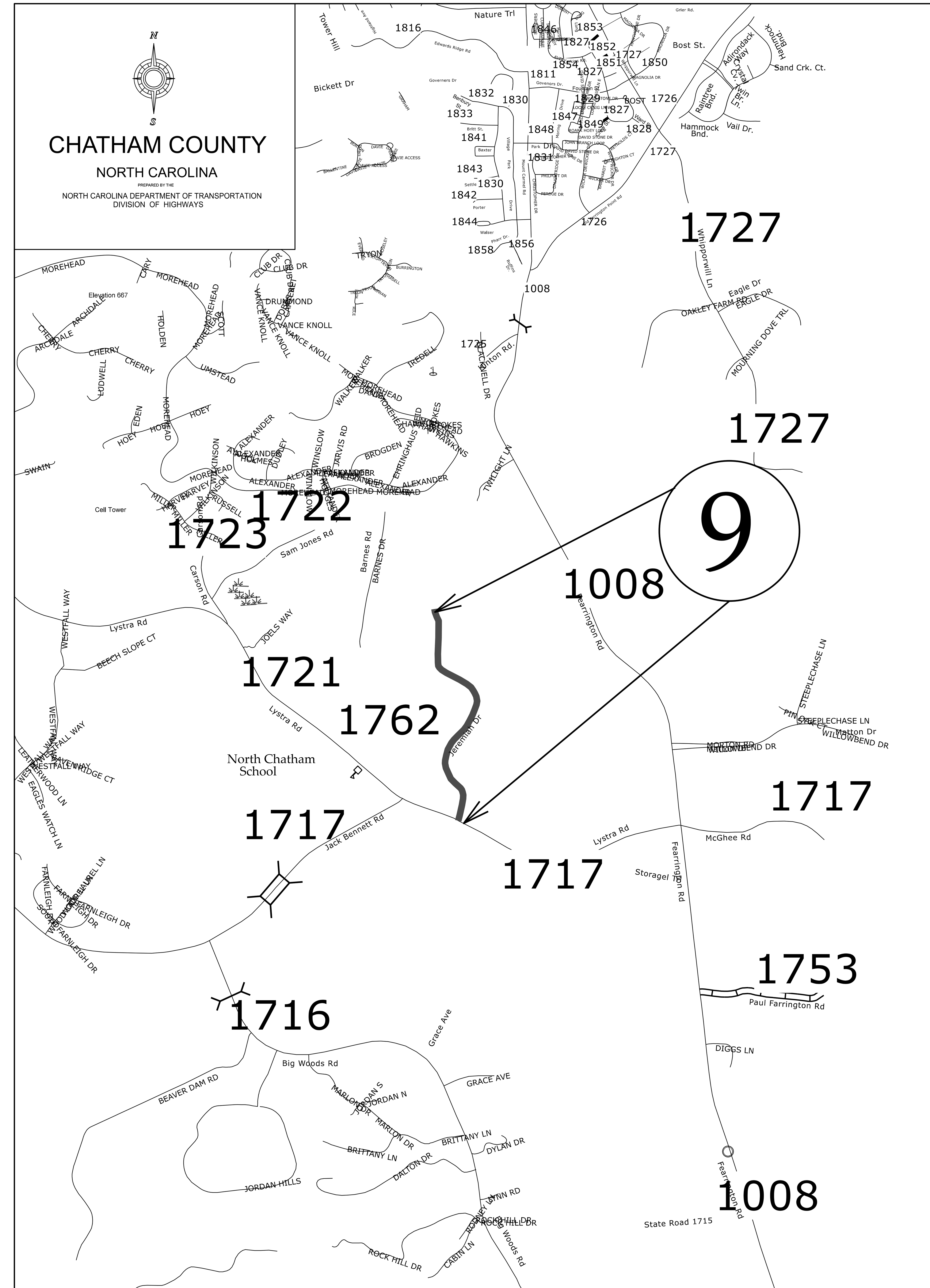


WBS ELEMENT	SHEET NO.
2027CPT.08.04.20192	5

Map 8

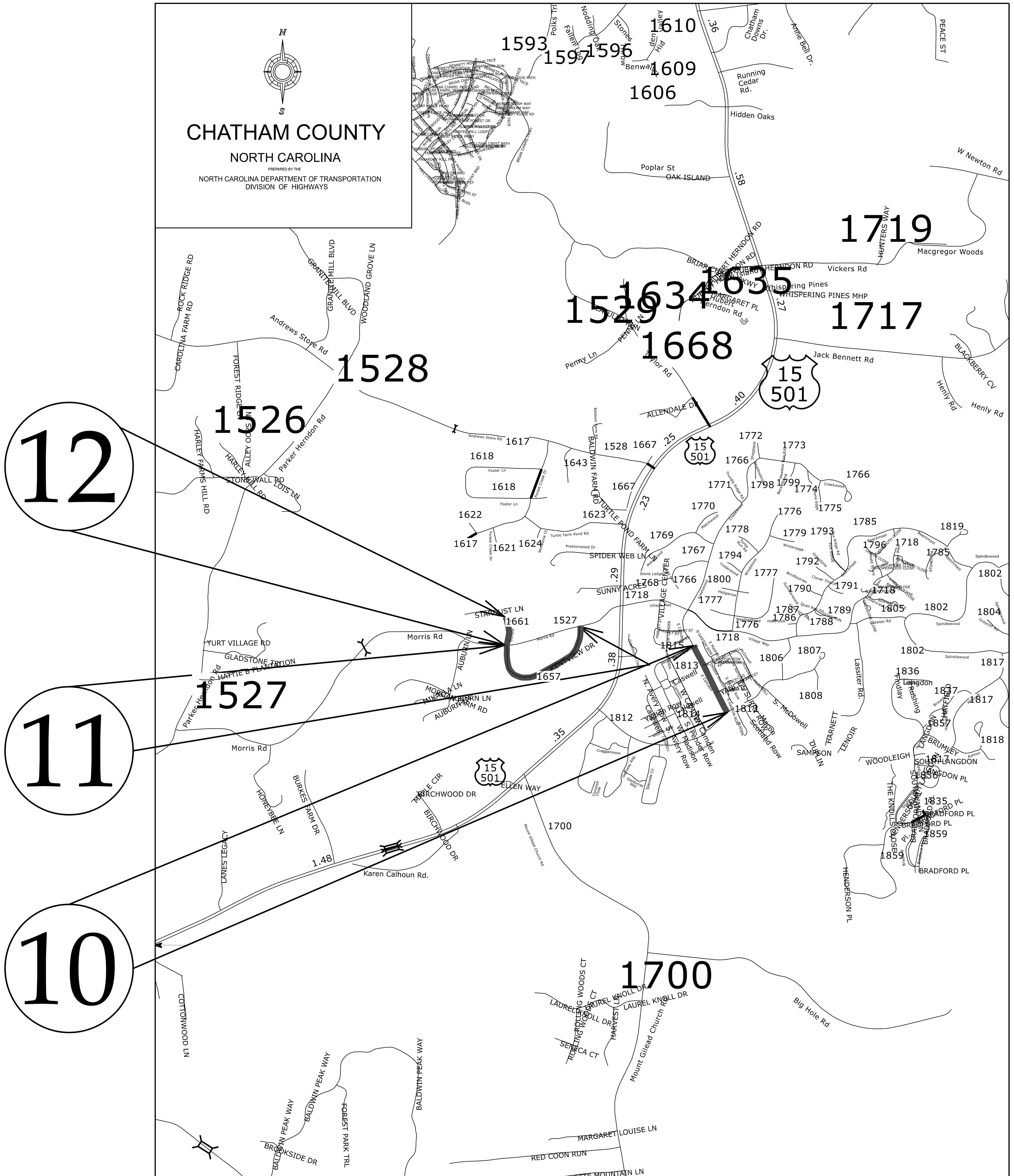


Map 9

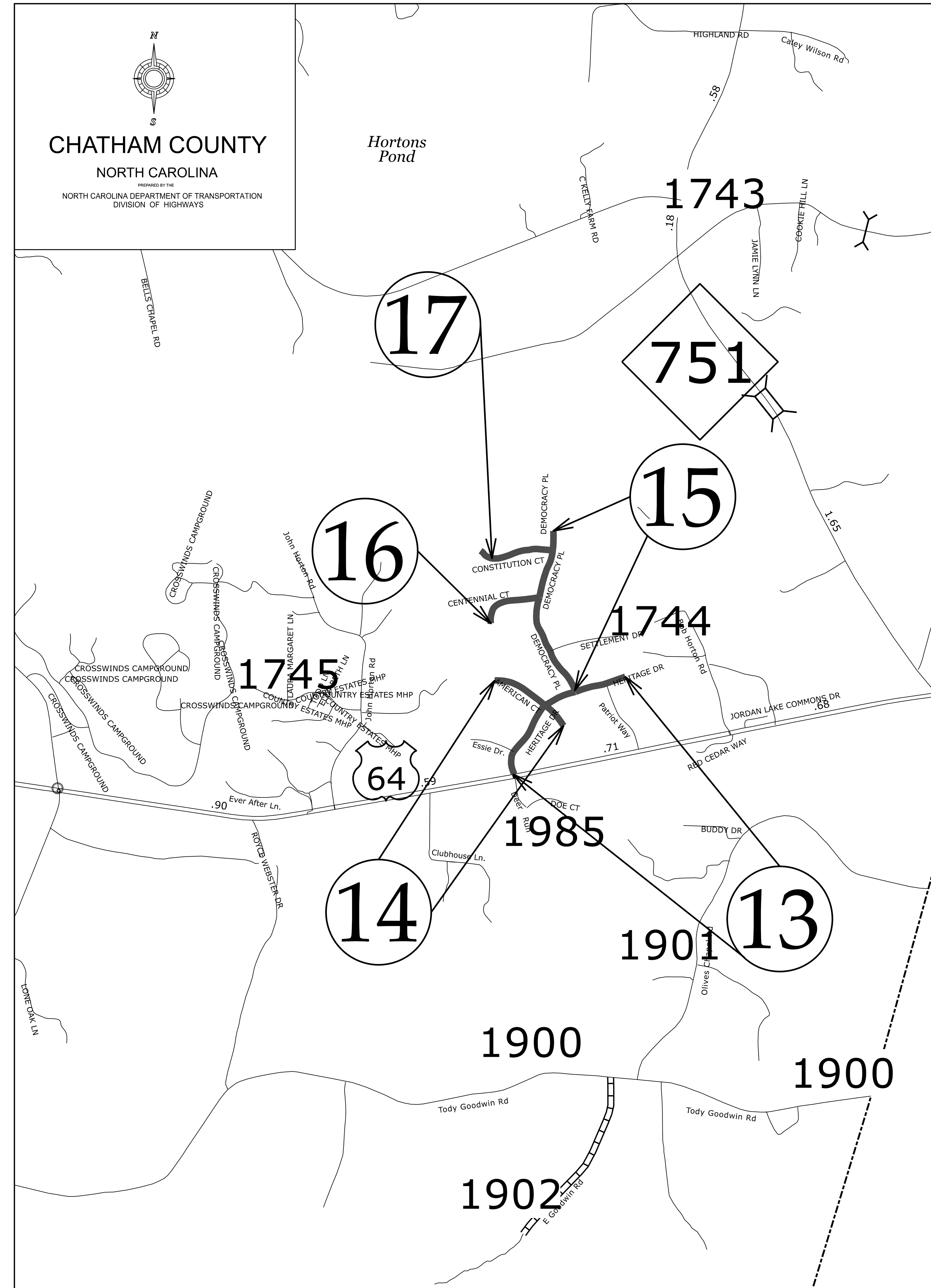


WBS ELEMENT	SHEET NO.
2027CPT.08.04.20192	6

Maps 10 thru 12



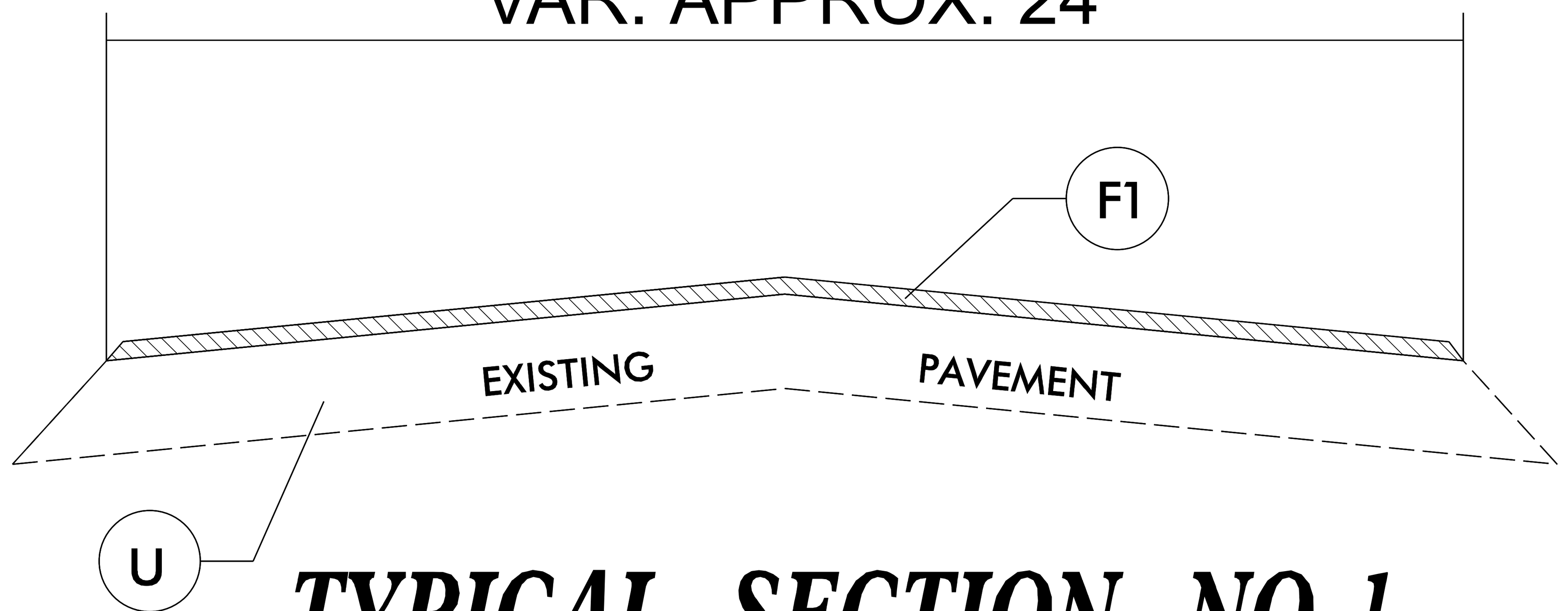
Maps 13 thru 17



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

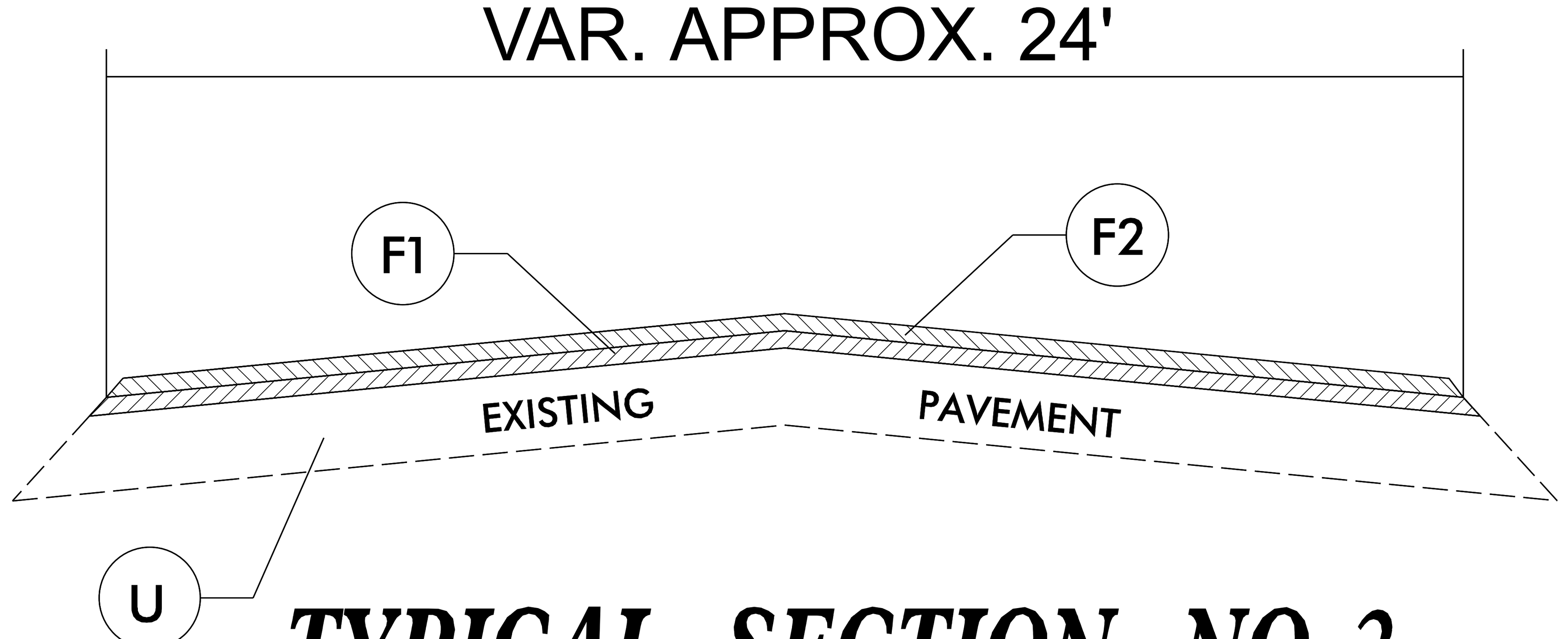
PAVEMENT SCHEDULE

C1	PROP. APPROX. 1.25" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 138 LBS. PER SQ. YD.
F1	PROP. ASPHALT TREATMENT DOUBLE SEAL
F2	PROPOSED ASPHALT TREATMENT FOG SEAL
S	AGGREGATE SHOULDER BORROW
U	EXISTING PAVEMENT



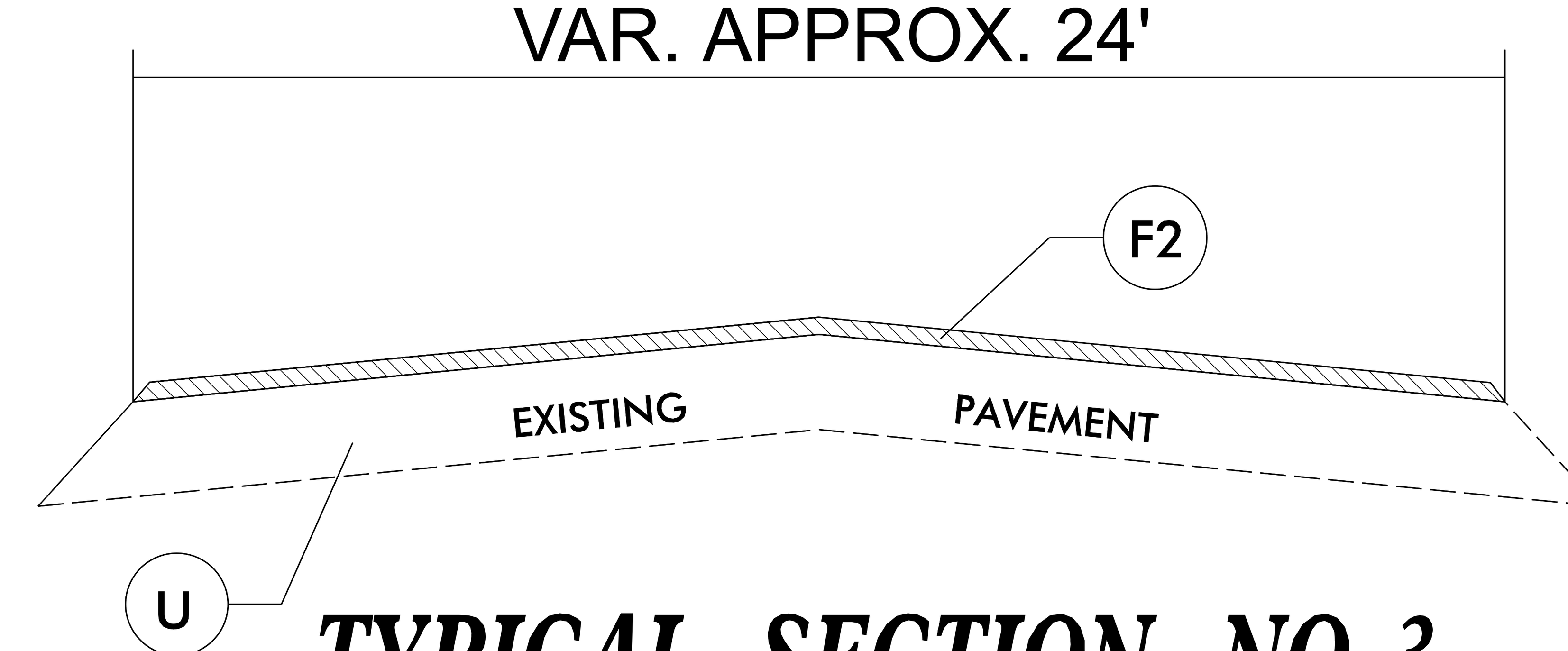
TYPICAL SECTION NO. 1

USE FOR MAPS 1 THRU 6



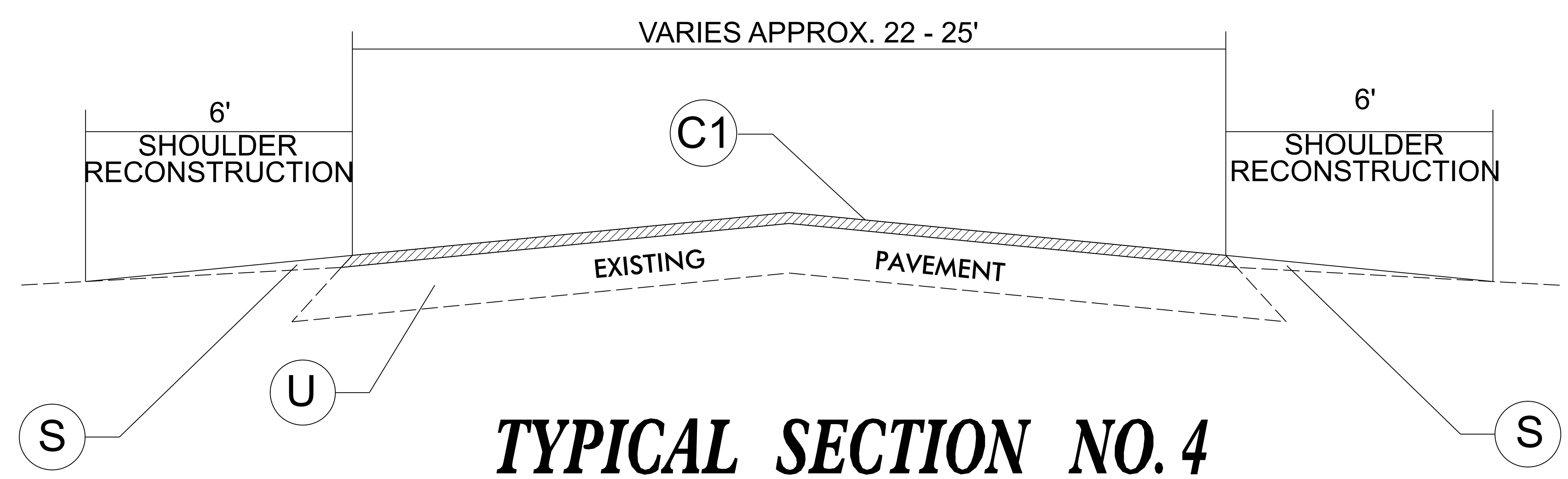
TYPICAL SECTION NO. 2

USE FOR MAPS 7, 8, & 9



TYPICAL SECTION NO. 3

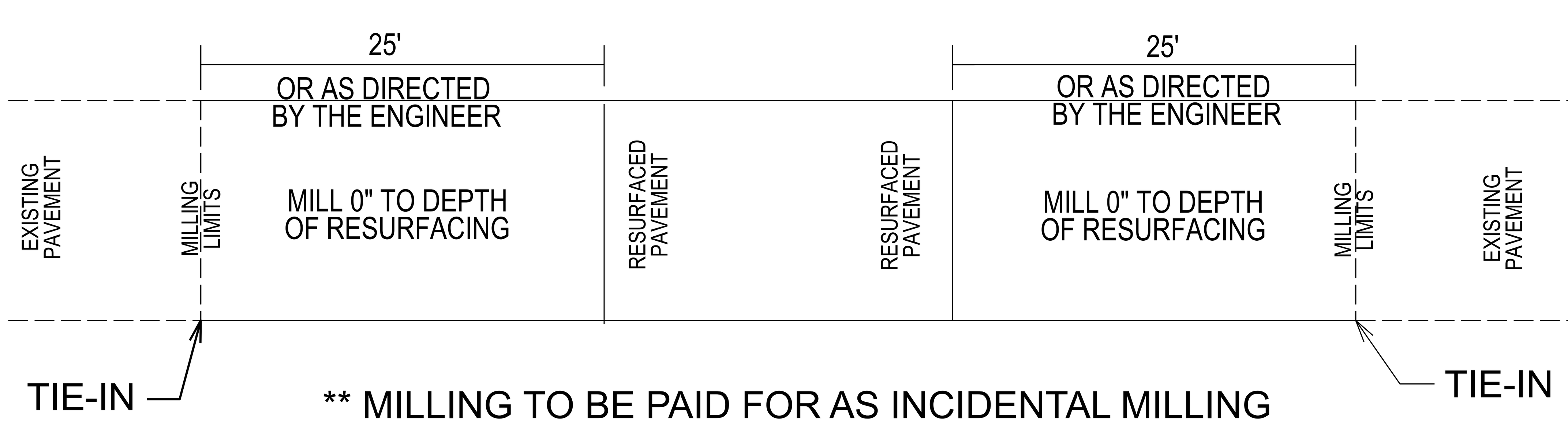
USE FOR MAP 10



TYPICAL SECTION NO. 4

USE FOR MAPS 11 THRU 17

PAVEMENT TIE-IN DETAIL



** MILLING TO BE PAID FOR AS INCIDENTAL MILLING

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

PROJECT NO.	SHEET NO.	TOTAL NO.
2027CPT.08.04.20192	8	

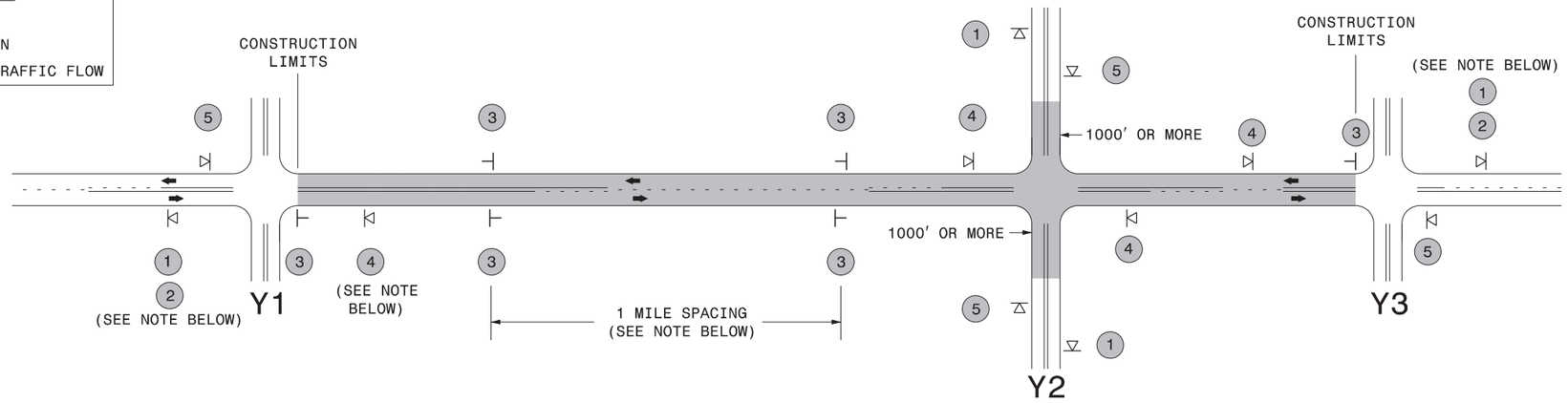
SUMMARY OF QUANTITIES

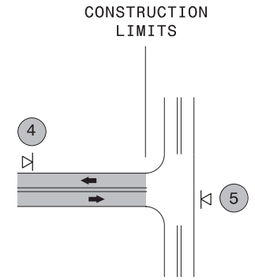
													1245000000-E	1260000000-E	1330000000-E	1519000000-E	1575000000-E	1803500000-E	1820000000-E	1838000000-E	1838500000-N	4413000000-E	4457000000-N	4815000000-E	4815000000-E
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEGIN MP	END MP		SHOULDER RECONSTRUCTION	AGGREGATE SHOULDER BORROW	INCIDENTAL MILLING	SURFACE COURSE, S9.5B	ASPHALT BINDER FOR PLANT MIX	ASPHALT SURFACE TREATMENT, DOUBLE SEAL	ASPHALT SURFACE TREATMENT, FOG SEAL	EMULSION FOR ASPHALT SURFACE TREATMENT	VACUUM TRUCK	WORK ZONE ADVANCE/GENERAL WARNING SIGNING	TEMPORARY TRAFFIC CONTROL	6" WHITE PAINT	6" YELLOW PAINT
								MI	FT				SMI	TON	SY	TONS	TONS	SY	SY	GAL	WK	SF	LS	LF	LF
2027CPT.08.04.20192	Chatham	1	SR-1340 / BOB CLARK RD	FROM ALAMANCE COUNTY LINE TO SR 1337 (MOONS CHP RD)	1	2	2WU	0.848	20	0.000	0.848							9,950.00		5,473		95			
TOTAL FOR MAP NO. 1								**0.848**										**9,950.00**		**5,473**		**95**			
2027CPT.08.04.20192	Chatham	2	SR-1338 / R E WRIGHT RD	FROM SR 1337 (MOONS CHP RD) TO SR 1339 (S. FORK BETHEL CH RD)	1	2	2WU	1.282	20	0.000	1.282							15,050.00		8,278		144		27,590	22,100
TOTAL FOR MAP NO. 2								**1.282**										**15,050.00**		**8,278**		**144**		**27,590**	**22,100**
2027CPT.08.04.20192	Chatham	3	SR-1339 / SOUTH FORK BETHEL RD	FROM ALAMANCE CO LINE TO SR 1003 (SH-LINDLEY MILL RD)	1	2	2WU	0.513	20	0.000	0.513							6,020.00		3,311		58		11,040	8,840
TOTAL FOR MAP NO. 3								**0.513**										**6,020.00**		**3,311**		**58**		**11,040**	**8,840**
2027CPT.08.04.20192	Chatham	4	SR-1310 / POE RD	FRP, SR 1312 (GRADY SILER RD) TO SR 1308 (CHARLIE COOPER RD)	1	2	2WU	1.138	20	0.998	2.136							13,355.00		7,346		128		24,490	19,600
TOTAL FOR MAP NO. 4								**1.138**										**13,355.00**		**7,346**		**128**		**24,490**	**19,600**
2027CPT.08.04.20192	Chatham	5	SR-2325 / FALL CREEK CHURCH RD	FROM NC 42 TO NC 902	1	2	2WU	1.690	20	1.007	2.697							19,830.00		10,907		190		36,400	29,120
TOTAL FOR MAP NO. 5								**1.690**										**19,830.00**		**10,907**		**190**		**36,400**	**29,120**
2027CPT.08.04.20192	Chatham	6	SR-1352 / MARTIN RD	FROM SR 1351 (FLINT RIDGE RD) TO SR 1351 (FLINT RIDGE RD)	1	2	2WU	1.243	20	0.000	1.243							15,585.00		8,572		140		26,750	21,400
TOTAL FOR MAP NO. 6								**1.243**										**15,585.00**		**8,572**		**140**		**26,750**	**21,400**
2027CPT.08.04.20192	Chatham	7	SR-1523 / W SMITH RD	FROM US 15-501 TO END MAINTENANCE	2	2	2WU	0.316	20	0.000	0.316							3,340.00	3,340.00	2,238		36			6,675
TOTAL FOR MAP NO. 7								**0.316**										**3,340.00**	**3,340.00**	**2,238**		**36**			**6,675**
2027CPT.08.04.20192	Chatham	8	SR-1749 / E STONE RD	SR 1008 (FARRINGTON PT RD) TO END OF MAINTENANCE	2	2	2WU	0.603	20	0.000	0.603							6,370.00	6,370.00	4,268		68			
TOTAL FOR MAP NO. 8								**0.603**										**6,370.00**	**6,370.00**	**4,268**		**68**			
2027CPT.08.04.20192	Chatham	9	SR-1762 / JEREMIAH DR	FROM SR 1171 (JERMIAH DR) TO END OF MAINTENANCE	2	2	2WU	0.759	20	0.000	0.759							8,910.00	8,910.00	5,970		85			
TOTAL FOR MAP NO. 9								**0.759**										**8,910.00**	**8,910.00**	**5,970**		**85**			
2027CPT.08.04.20192	Chatham	10	SR-1813 / E CAMDEN	FROM SR 1812 (WEATEHRSFIELD RD) TO SR 1814 (W. CAMDEN RD)	3	2	2WU	0.284	20	0.325	0.609								6,000.00	720		32		6,115	4,895
TOTAL FOR MAP NO. 10								**0.284**											**6,000.00**	**720**		**32**		**6,115**	**4,895**
2027CPT.08.04.20192	Chatham	11	SR-1657 / KENTVIEW DR	FROM SR 1527 (MORRIS RD) TO SR 1527 (MORRIS RD)	4	2	2WU	0.446	20	0.000	0.446		0.89	245.00	120	380	25					50			
TOTAL FOR MAP NO. 11								**0.446**					**0.89**	**245.00**	**120**	**380**	**25**					**50**			
2027CPT.08.04.20192	Chatham	12	SR-1661 / DONALD DR	FROM SR 1527 (MORRIS RD) TO CUL DE SAC	4	2	2WU	0.108	18	0.000	0.108		0.22	61.00	50	85	6					13			
TOTAL FOR MAP NO. 12								**0.108**					**0.22**	**61.00**	**50**	**85**	**6**					**13**			
2027CPT.08.04.20192	Chatham	13	SR-1890 / HERITAGE DR	FROM US 64 TO CUL DE SAC	4	2	2WU	0.532	22	0.000	0.532		1.06	292.00	65	500	33					60			
TOTAL FOR MAP NO. 13								**0.532**					**1.06**	**292.00**	**65**	**500**	**33**					**60**			
2027CPT.08.04.20192	Chatham	14	SR-1892 / AMERICAN CT	FROM CUL DE SAC TO CUL DE SAC	4	2	2WU	0.283	21	0.000	0.283		0.57	157.00		253	16					32			
TOTAL FOR MAP NO. 14								**0.283**					**0.57**	**157.00**		**253**	**16**					**32**			
2027CPT.08.04.20192	Chatham	15	SR-1891 / DEMOCRACY PL	FROM SR 1890 (HERITAGE PT) TO CUL DE SAC	4	2	2WU	0.558	21	0.000	0.558		1.12	308.00		500	32					63			
TOTAL FOR MAP NO. 15								**0.558**					**1.12**	**308.00**		**500**	**32**					**63**			
2027CPT.08.04.20192	Chatham	16	SR-1894 / CENTENNIAL CT	FROM SR 1891 (DEMOCRACY CT) TO CUL DE SAC	4	2	2WU	0.214	21	0.000	0.214		0.43	119.00		195	13					24			
TOTAL FOR MAP NO. 16								**0.214**					**0.43**	**119.00**		**195**	**13**					**24**			
2027CPT.08.04.20192	Chatham	17	SR-1893 / CONSTITUTION CT	FROM SR 1891 (DEMOCRACY CT) TO CUL DE SAC	4	2	2WU	0.253	21	0.000	0.253		0.51	140.00		215	14					29			
TOTAL FOR MAP NO. 17								**0.253**					**0.51**	**140.00**		**215**	**14**				*	**29**	*		
TOTAL FOR PROJ NO. 2027CPT.08.04.20192								**11.070**					**4.79**	**1,322.00**	**235**	**2,128**	**139**	**98,410.00**	**24,620.00**	**57,083**	**5.00**	**1,247**	**1**	**132,385**	**112,630**
																								245,015	
GRAND TOTAL								**11.070**					**4.79**	**1,322.00**	**235**	**2,128**	**139**	**98,410.00**	**24,620.00**	**57,083**	**5.00**	**1,247**	**1**	**132,385**	**112,630**
																								245,015	

PROJ. REFERENCE NO.	SHEET NO.
2027CPT.08.04.20192	TMP-1

SIGNING FOR ASPHALT SURFACE TREATMENT

LEGEND
- PORTABLE SIGN
- 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.
- SIGN #2 ONLY USED WHEN RESURFACING LIMITS ARE 2 OR MORE MILES IN LENGTH. ROUND UP TO THE NEAREST WHOLE NUMBER. DO NOT USE FRACTIONAL OR DECIMAL NUMBERS.

3 LOOSE GRAVEL — W8-7, 48" X 48"
UNMARKED PAVEMENT — SP, 48" X 48"
- ALTERNATE THE FOLLOWING TWO SIGNS:
- STARTING WITH "LOOSE GRAVEL" (W8-7) FOLLOWED BY "UNMARKED PAVEMENT".
- PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACED 1 MILE APART THEREAFTER.
- AT TEE INTERSECTIONS INSTALL INITIALLY 0.5 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.

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 AST RESURFACING MAPS WITH CONSTRUCTION LIMITS LESS THAN 2 MILES IN LENGTH, USE A STATIONARY "LOOSE GRAVEL" SIGN AT THE BEGINNING CONSTRUCTION LIMIT FOLLOWED BY AN "UNMARKED PAVEMENT" SIGN MIDWAY THROUGH AND AN "END ROAD WORK" SIGN AT THE END CONSTRUCTION LIMIT.

-Y- LINE SIGNING

STATIONARY SIGNING NOT REQUIRED 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 SHALLE 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 2-LANE ROADWAY ASPHALT SURFACE TREATMENT

5/12/2017
S:\TMD\WZTC\Resurfacing\2L2W & AST Resurfacing Details\Resurfacing_AdvWarn_2Ln - AST.dgn
User:kedris