

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

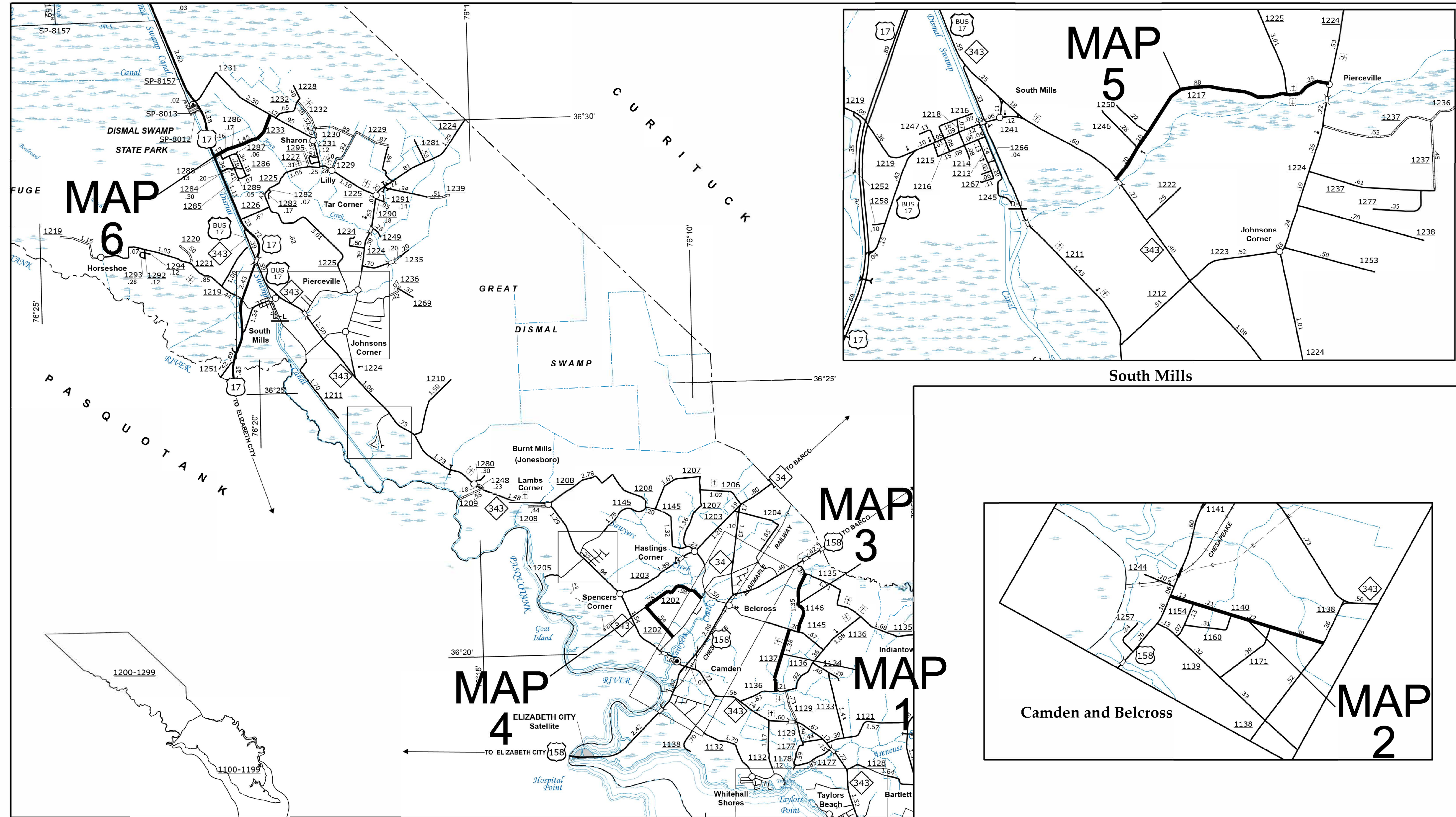
STATE PROJECT REFERENCE NO.	SHEET NO.
N.C. 2023CPT.01.07.20151.1, ETC.	1
STATE PROJ. NO.	DESCRIPTION
2023CPT.01.07.20151.1	PE, CONST

CAMDEN COUNTY

TYPE OF WORK: AST (MAT COAT), MILLING, RESURFACING & SHOULDER RECONSTRUCTION

LOCATION: MAP 1 - SR 1137 (BUSHELL RD) FROM SR 1136 TO SR 1145
 MAP 2 - SR 1140 (UPTON RD) FROM SR 1138 TO US 158
 MAP 3 - SR 1146 (PINCH GUTT RD) FROM SR 1145 TO SR 1135

MAP 4 - SR 1202 (SLEEPY HOLLOW RD) FROM SR 1200 TO SR 1200
 MAP 5 - SR 1217 (BUNKER HILL RD) FROM NC 343 TO SR 1224
 MAP 6 - SR 1233 (CULPEPPER RD) FROM US 17 TO SR 1231



CONTRACT: C204790 WBS PROJECT: 2023CPT.01.07.20151.1, ETC.

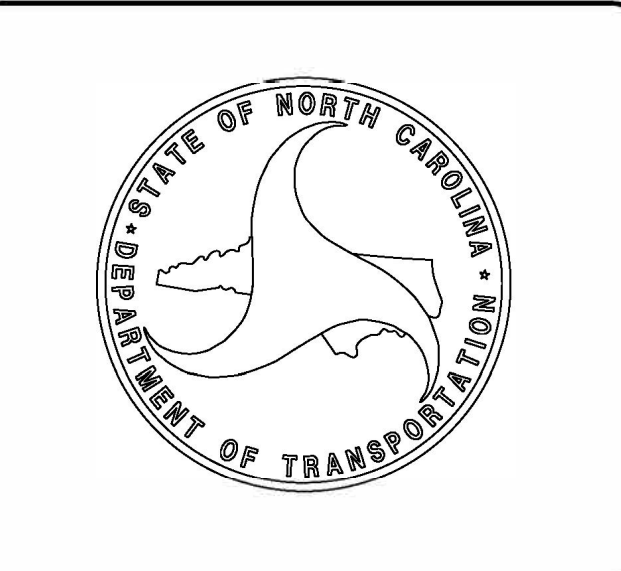
GRAPHIC SCALES

NTS

MAP LENGTH
 MAP #1 = 1.38 MILES
 MAP #2 = 0.86 MILES
 MAP #3 = 1.34 MILES
 MAP #4 = 1.51 MILES
 MAP #5 = 1.43 MILES
 MAP #6 = 1.57 MILES

Prepared in the Office of:
DIVISION ONE
 DIVISION OF HIGHWAYS
 113 Airport Dr., Edenton NC, 27944
 2018 STANDARD SPECIFICATIONS
 W. B. HOBBS, PE
 DIVISION PROJECT TEAM LEAD
 C. E. SLACHTA
 DIVISION CONTRACT ENGINEER

S. P. FENWICK, PE
 DIVISION DESIGN ENGINEER



07-SEP-2022 07:49 S:\Contracts\6\Proposed Resurfacing\2023-2024 Preservation_ Resurfacing\C204790_Camden-Currituck-Pasquotank\Design Files\2023CPT.01.07.20151.1_D1_DDC_tsh1-tsh3.dgn \$\$\$USERNAME\$\$\$

07-SEP-2022 07:53 S:\Contracts\6) Proposed Resurfacing\2023-2024 Preservation_ Resurfacing\C204790_Camden-Currituck-Pasquotank\Design Files\2023CPT.01.07.20151.1_D1_DDC_tsh1-tsh3.dgn

09/08/99

CONTRACT: C204790 WBS PROJECT: 2023CPT.01.07.20151.1, ETC.

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.
N.C.	2023CPT.01.07.20151.1, ETC	2
	STATE PROJ. NO.	DESCRIPTION
	2023CPT.01.07.20271.1	PE, CONST

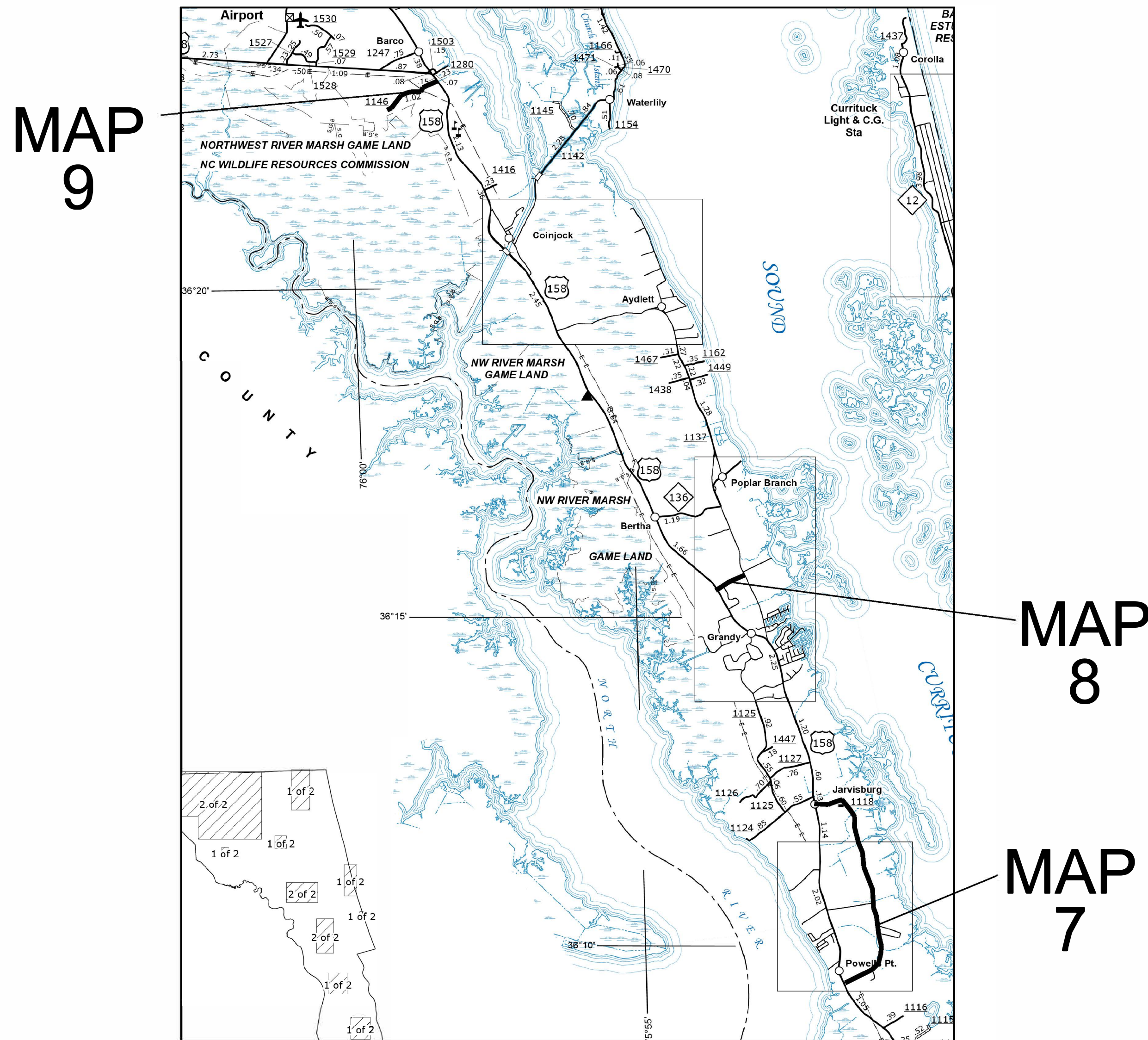
CURRITUCK COUNTY

TYPE OF WORK: AST (MAT COAT), MILLING, RESURFACING & SHOULDER RECONSTRUCTION

LOCATION: MAP 7 - SR 1118 (FORBES / SOUTH BAYVIEW RD) FROM US 158 TO US 158

MAP 8 - SR 1132 (BARNARD RD) FROM SR 1131 TO US 158

MAP 9 - SR 1146 (SWAINS LANE) FROM DEAD END TO US 158



GRAPHIC SCALES

NTS

MAP LENGTH

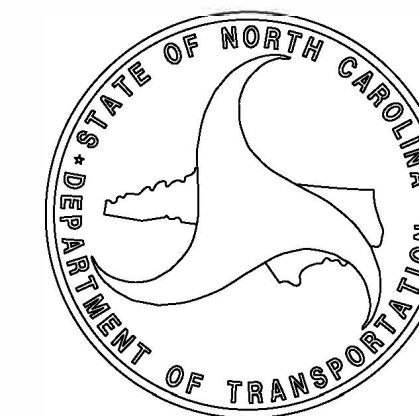
MAP #7 = 4.11 MILES
MAP #8 = 0.51 MILES
MAP #9 = 0.82 MILES

Prepared in the Office of:
DIVISION ONE
DIVISION OF HIGHWAYS
113 AIRPORT DR., EDENTON, NC, 27932
2018 STANDARD SPECIFICATIONS

W.B. HOBBS, P.E.
DIVISION PROJECT TEAM LEAD

C. E. SLACHTA
DIVISION CONTRACT ENGINEER

S.P. FENWICK, PLS
DIVISION DESIGN ENGINEER



07-SEP-2022 08:05
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 \$\$\$USERNAME\$\$\$

CONTRACT: C204790 WBS PROJECT: 2023CPT.01.07.20151, ETC.

STATE OF NORTH CAROLINA
 DIVISION OF HIGHWAYS

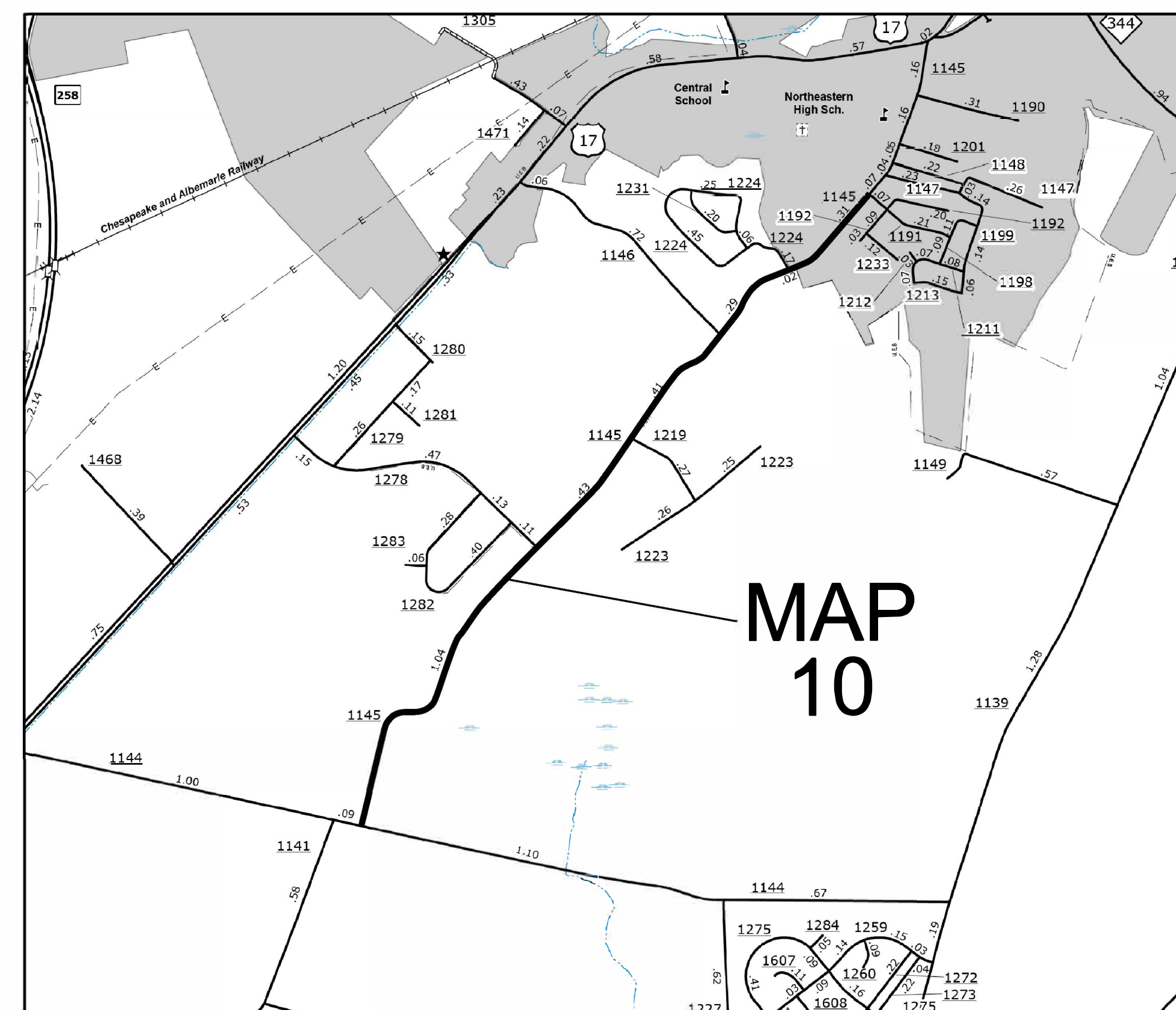
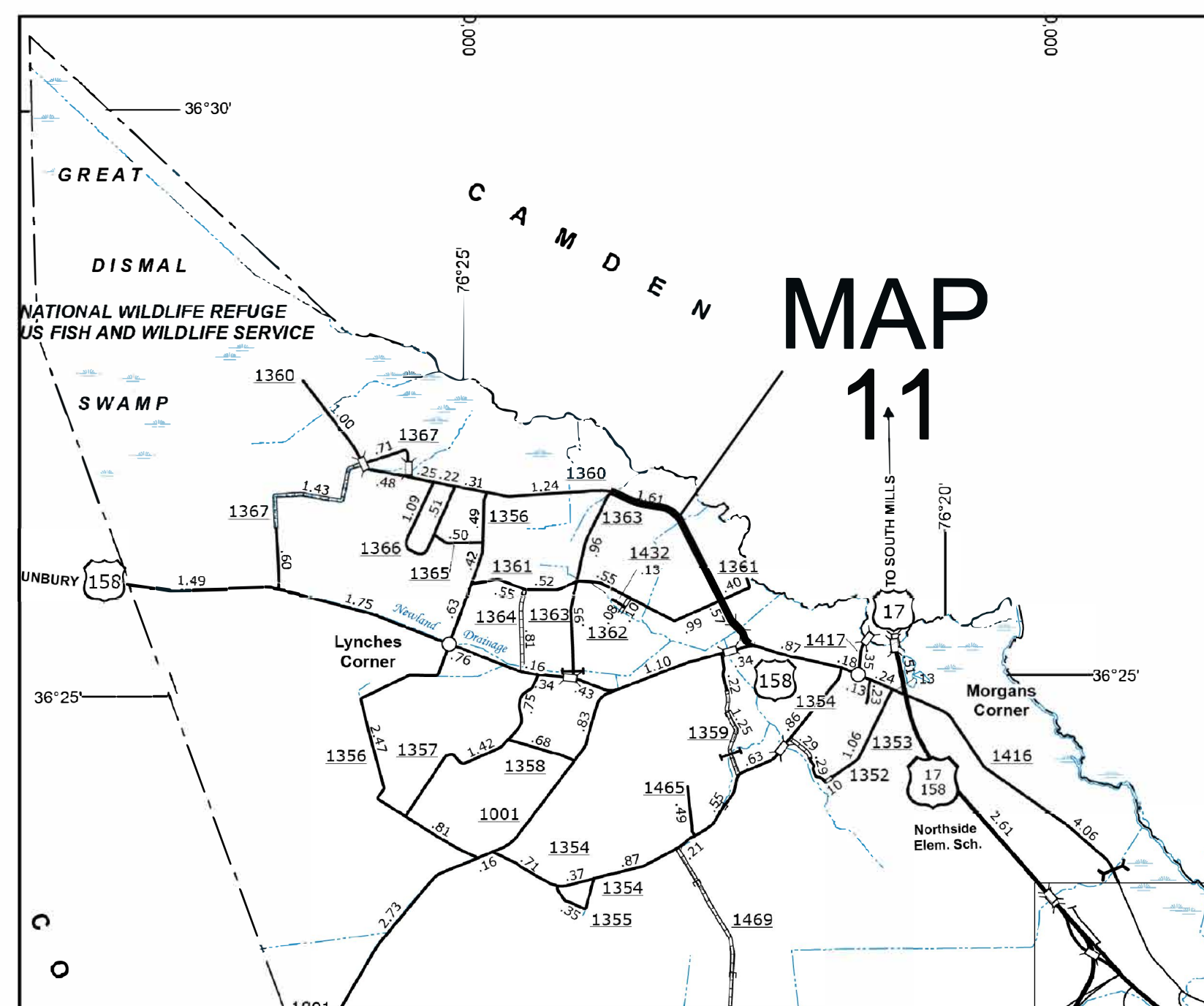
PASQUOTANK COUNTY

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.
N.C.	2023CPT.01.07.20151.1, ETC.	3
STATE PROJ. NO.	DESCRIPTION	
2023CPT.01.07.20701.1	PE, CONST	

TYPE OF WORK: AST (MAT COAT), MILLING, RESURFACING & SHOULDER RECONSTRUCTION

LOCATION: MAP 10 - SR 1145 (OAK STUMP RD) FROM SR 1144 TO END OF THREE LANE

MAP 11 - SR 1360 (FIRETOWER RD) FROM SR 1360 (SCHOOL HOUSE RD.) TO US 158

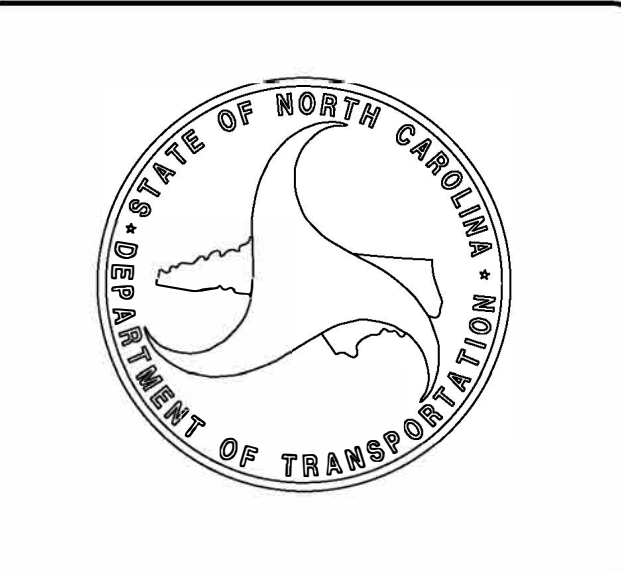


GRAPHIC SCALES
 NTS

MAP LENGTH
 MAP #10 = 2.45 MILES
 MAP #11 = 2.12 MILES

Prepared in the Office of:
 DIVISION ONE
 DIVISION OF HIGHWAYS
 113 Airport Dr., Edenton NC, 27944
 2018 STANDARD SPECIFICATIONS
 W. B. HOBBS, PE
 DIVISION PROJECT TEAM LEAD
 C. E. SLACHTA
 DIVISION CONTRACT ENGINEER

S. P. FENWICK, PE
 DIVISION DESIGN ENGINEER



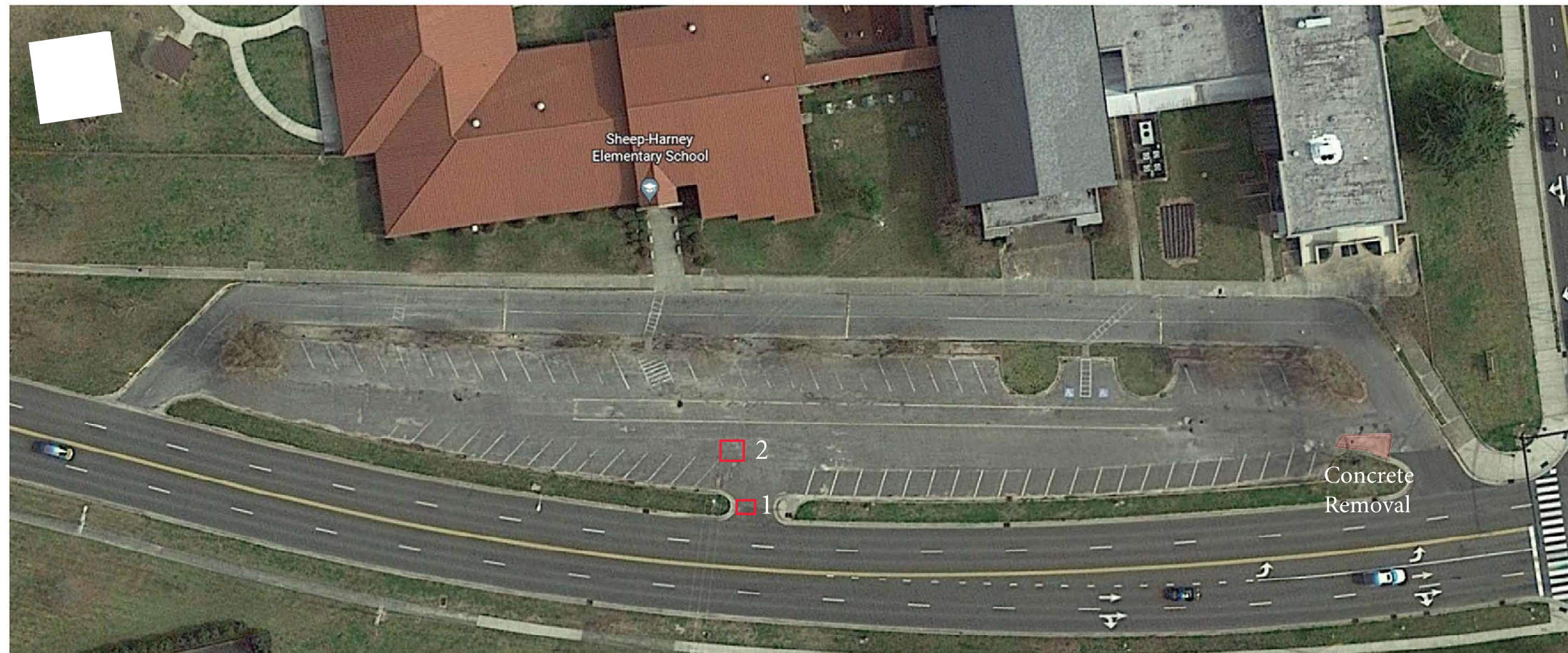


Pavement
Widening
6" Base
2" Surface

- Shaded Area will be widened with 6" base and 2" surface placed
- All current arrows will be eradicated and replaced in the correct direction shown
- From the entrance to the end of the widened area, the current painted line will have to be eradicated and relocated
- The red lines show the new paint that needs to be placed on the asphalt
- Lanes will be 10' wide through the widened area in the curve

PASQUOTANK COUNTY

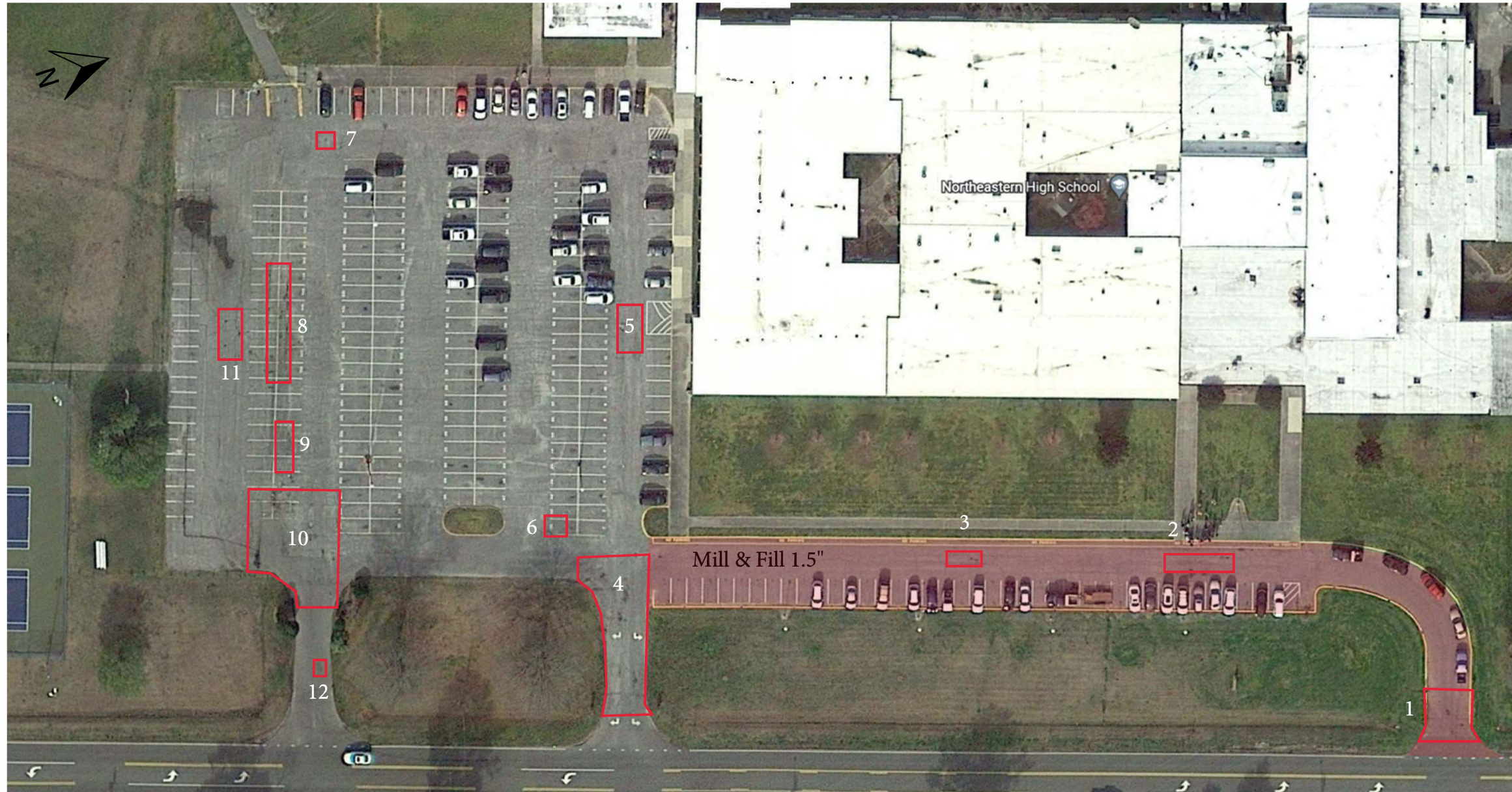
MAP 13 - Sheep Harney Elementary School Proposal



- Areas Boxed and Numbered are approximate areas that will need full depth patching
- Whole parking lot will be milled and filled with 1.5" asphalt
- Estimate paint is based on painting back all lines and symbols exactly as painted currently
- Handicap parking symbols, writing, and parking space numbers will not be repainted
- Trees will be removed from the median between the driveway and parking lot
- Concrete marked at the entrance will have to be removed and patched
- Curb & Gutter will be placed on the left side of the driveway all the way around
- Crosswalks will be installed as High Visibility crosswalks
- Any speed bumps to be milled will be considered incidental
- Milling can be feathered out in the parking lot if there is sufficient grade for drainage

MAP 14 - Northeastern High School
Front Parking Proposal

2023CPT.01.07.20151.1, ETC.

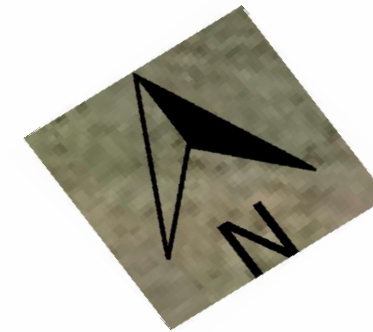


- Areas Boxed and Numbered are approximate areas that will need full depth patching
- Shaded area will be milled and filled 1.5" to preserve handicap ramps
- Estimate paint is based on painting back all lines and symbols exactly as painted currently
- Handicap parking symbols, writing, and parking space numbers will not be repainted
- In the parking area where there is no milling, pavement will be overlaid flush to the curb
- Any speed bumps to be milled will be considered incidental

MAP 15 - Northeastern Bus
Parking Lot Proposal



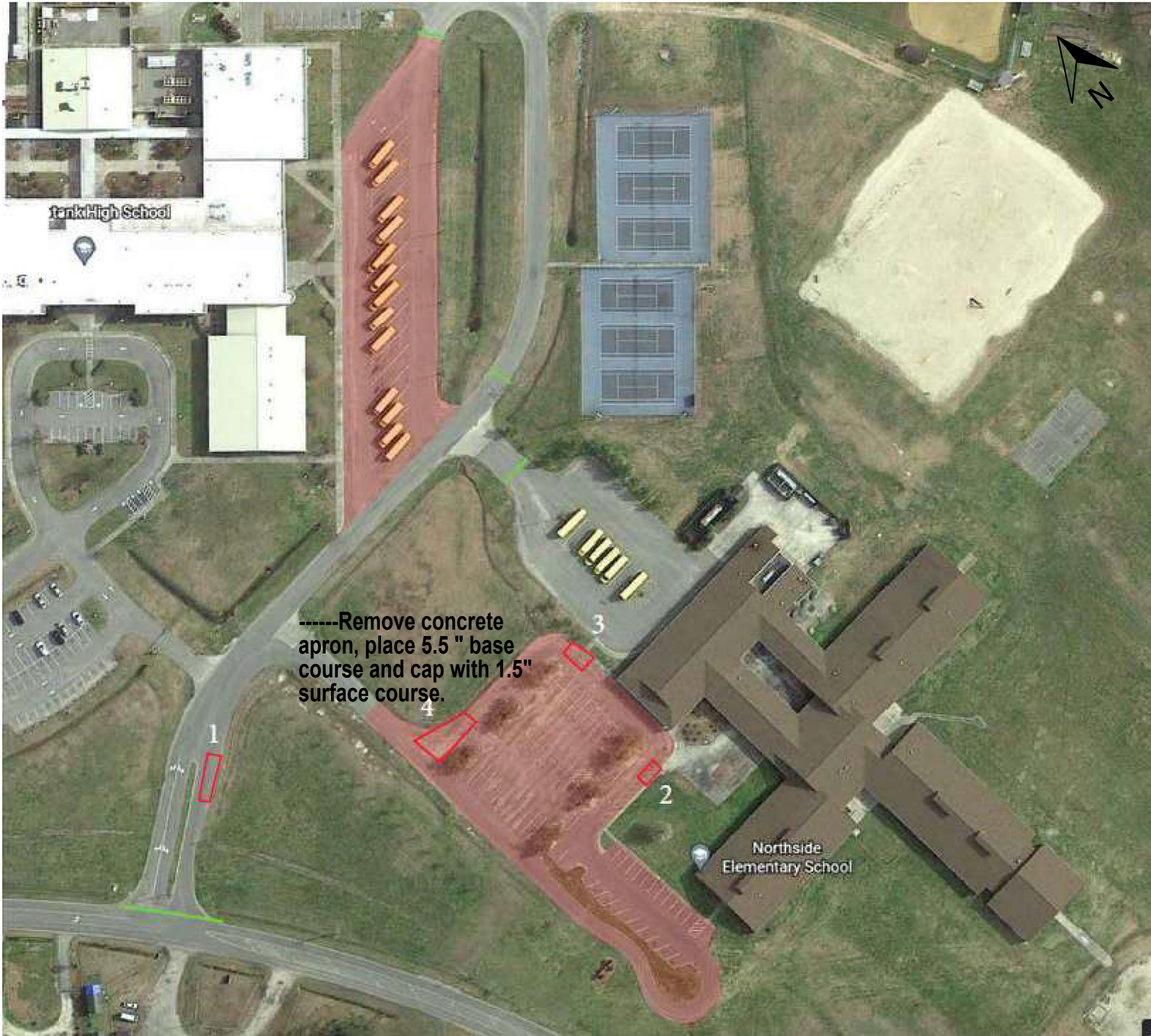
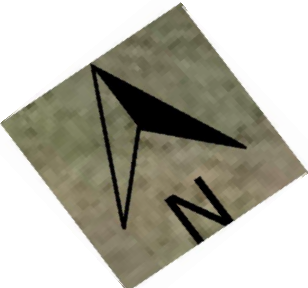
- Areas boxed and Numbered are approximate areas that will need full depth patching
- Shaded area will be milled and filled 1.5" to preserve current lips
- Estimate paint is based on painting back all lines and symbols exactly as painted currently
- Any speed bumps to be milled will be considered incidental
- Milling can be feathered out in parking behind school if there is sufficient grade for drainage
- Generic patching will need to be laid at various spots to raise elevation



- Areas Boxed and Numbered are approximate areas that will need full depth patching
- Entrance to the school will be overlaid with 1.5" asphalt
- Paving limits are marked with green lines
- Estimate paint is based on painting back all lines and symbols exactly as painted currently
- Any speed bumps to be milled will be considered incidental
- At all stopping points make sure the old paving joint is covered

MAPS 17-20 - Pasquotank County
 High School Bus Parking &
 Northside Complex Proposal

2023CPT.01.07.20151.1, ETC.



- Areas Boxed and Numbered are approximate areas that will need full depth patching
- Shaded area will be milled and filled 1.5" to preserve handicap ramps
- Paving limits are marked with green lines
- Area within limits but not shaded will be overlaid with 1.5" asphalt
- Estimate paint is based on painting back all lines and symbols exactly as painted currently
- Handicap parking symbols, writing and parking space numbers will not be repainted
- Any speed bumps to be milled will be considered incidental
- Milling can be feathered out in the bus parking lot if there is sufficient grade for drainage
- School system will be responsible for removing parking blocks

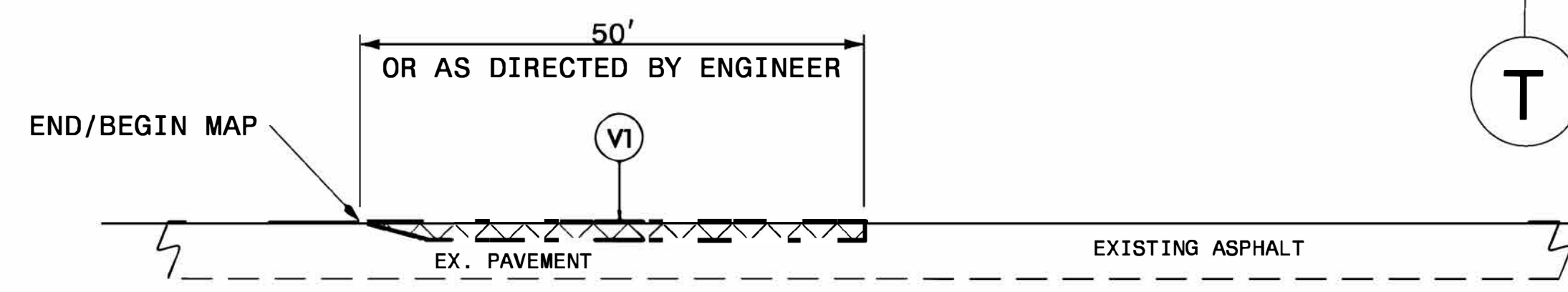
PAVEMENT SCHEDULE

**C1	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
D	PROP. APPROX. 2½" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
**E	PROP. APPROX. 5½" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 627 LBS. PER SQ. YD. PER INCH OF DEPTH.
F1	ASPHALT SURFACE TREATMENT, MAT COAT, #67 STONE
T	EARTH MATERIAL
V1	INCIDENTAL MILLING
**V2	MILLING ASPHALT PAVEMENT 1½".
U	EXISTING PAVEMENT.

NOTES:

- * ALL INTERSECTING ROADS ARE TO BE RESURFACED TO THE ENDS OF THEIR RADII, THE MAIN LINE RIGHT OF WAY OR AS DIRECTED BY THE ENGINEER. THIS SHALL INCLUDE ANY TAPERS AND TURN LANES LOCATED BOTH ON THE MAIN LINE OR INTERSECTING PAVED ROADWAY.
- * EDGES, PAVEMENT WIDENING, INTERSECTIONS AND BRIDGE FLARES ARE INCLUDED IN THE SUMMARY OF QUANTITIES.
- * ASPHALT SURFACE TREATMENT (MAT COAT) CONSISTS OF: ONE LAYER OF EMULSIFIED ASPHALT GRADE CRS-2L AT A RATE OF 0.38± GAL/SY AND ONE LAYER OF # 67 STONE AT A RATE OF 20-25± LBS/SY.
- * CONSTRUCT THE MAT COAT IN ACCORDANCE WITH SUBARTICLE 660-8(D) OF THE *NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES*. AFTER THE MAT COAT HAS BEEN SATISFACTORILY APPLIED AND ROLLED, THE APPLICATION OF THE PLANT MIX OVERLAY SHALL BE COMPLETED WITHIN THE SAME DAY.
- * ASPHALT SURFACE TREATMENT, MAT COAT, #67 (GRANITE) STONE SHALL ONLY BE APPLIED TO THE MAINLINE AND NOT TO THE RADIUS OF ANY SIDE ROAD OR DRIVEWAY.
- * THE CONTRACTOR MUST PROVIDE A SPREADER THAT IS AT LEAST 12' WIDE FOR IRREGULAR AREAS ALONG THE MAPS.

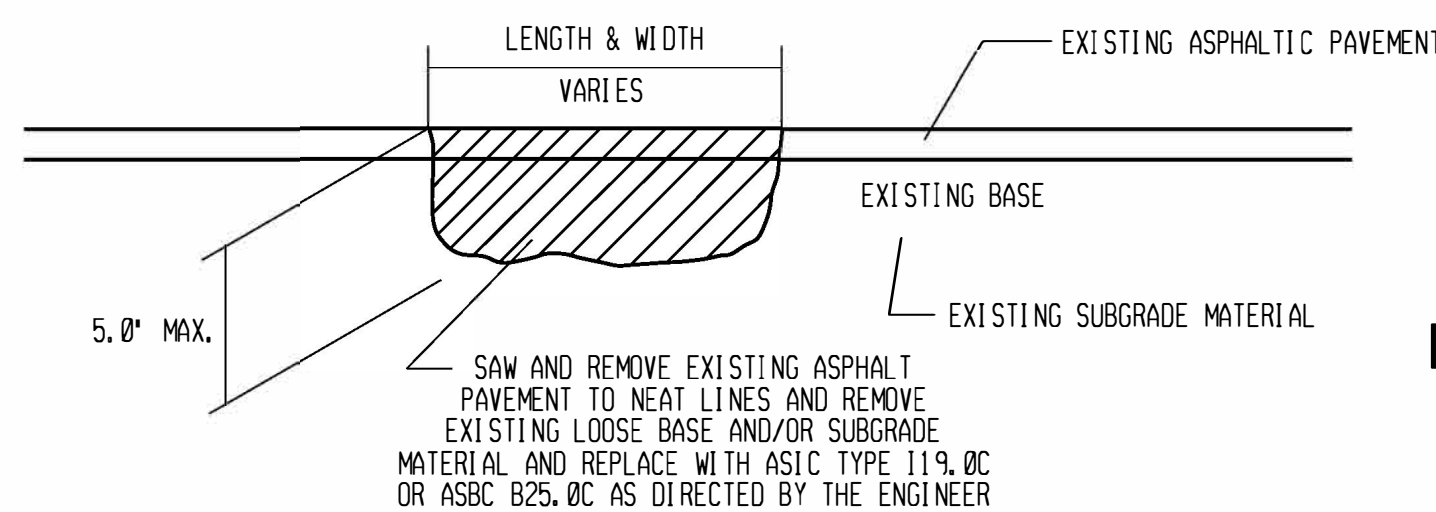
** SEE SCHOOL PARKING PROPOSAL PLAN SHEETS 4-9 & "SUMMARY OF QUANTITIES" (PLAN SHEET 14-16, MAPS 12-20) FOR USE OF THESE ITEMS



DETAIL 1

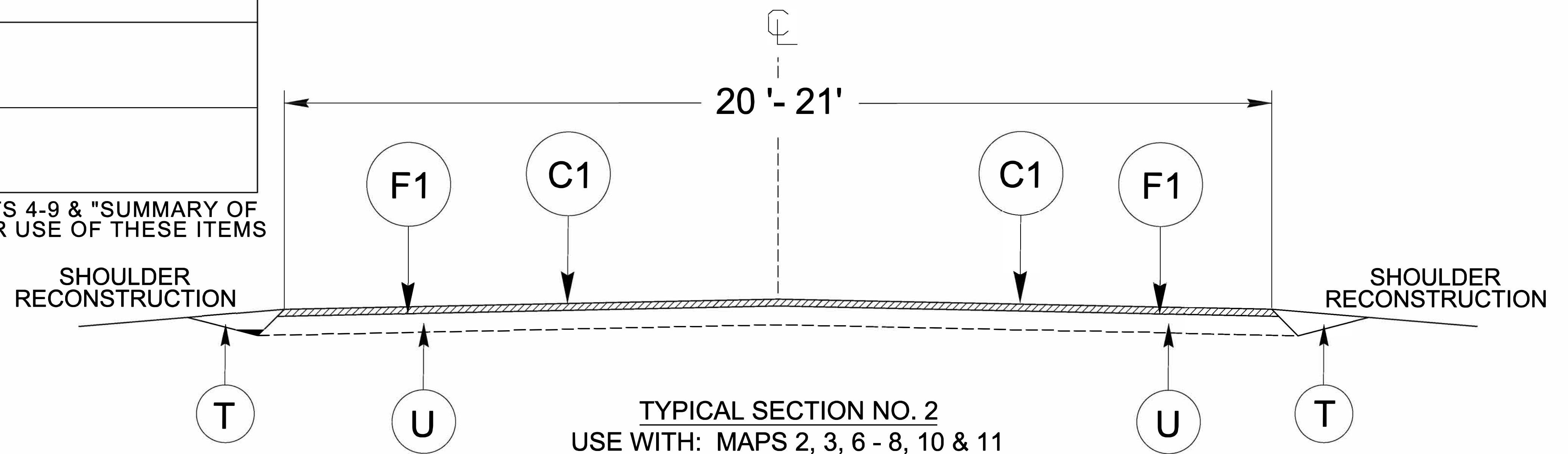
NOTE:

1. INCLUDES INCIDENTAL MILLING AT THE ENDS OF MAIN LINE SECTIONS, OR AS DIRECTED BY THE ENGINEER.
2. PAVE TO THE END OF THE MILLED SURFACE TO CREATE A SMOOTH TRANSITION.

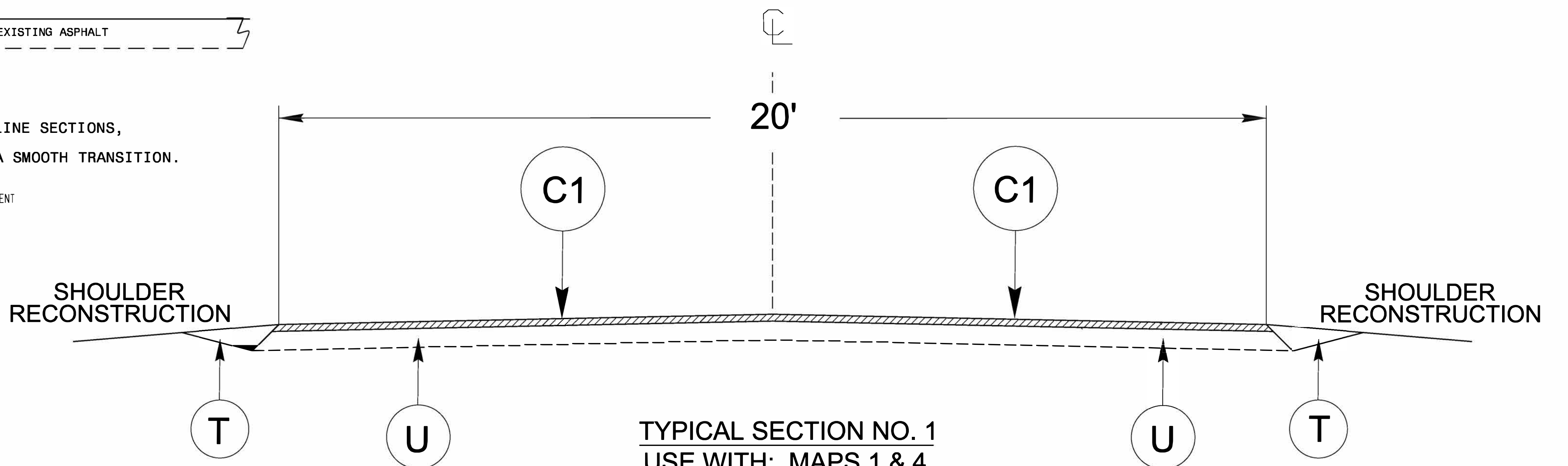


*NOTE: EDGES OF PATCHED AREA ARE TO BE CLEANED OF ALL DEBRIS AND COATED WITH AN APPROVED TACK MATERIAL BEFORE PLACING ASPHALT.

FULL DEPTH PATCHING 0 - 5"



TYPICAL SECTION NO. 2
USE WITH: MAPS 2, 3, 6 - 8, 10 & 11



TYPICAL SECTION NO. 1
USE WITH: MAPS 1 & 4

PAVEMENT SCHEDULE

**C1	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
D	PROP. APPROX. 2½" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
**E	PROP. APPROX. 5½" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 627 LBS. PER SQ. YD. PER INCH OF DEPTH.
F1	ASPHALT SURFACE TREATMENT, MAT COAT, #67 STONE
T	EARTH MATERIAL
V1	INCIDENTAL MILLING
**V2	MILLING ASPHALT PAVEMENT 1½".
U	EXISTING PAVEMENT.

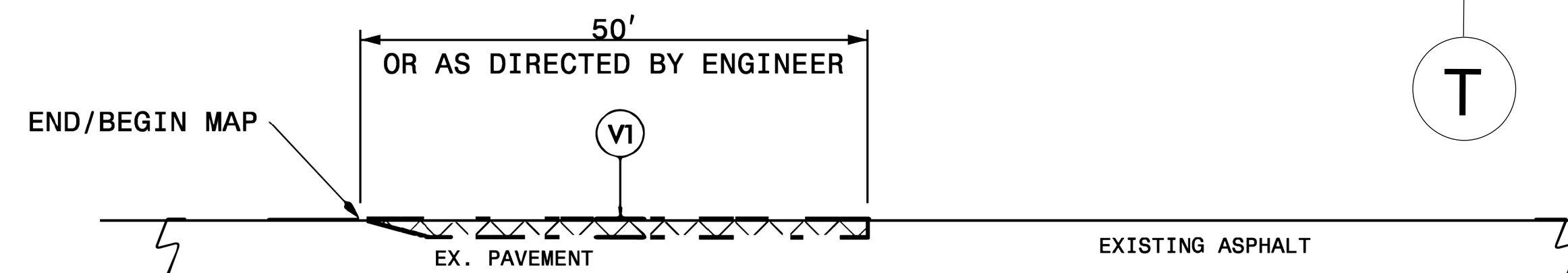
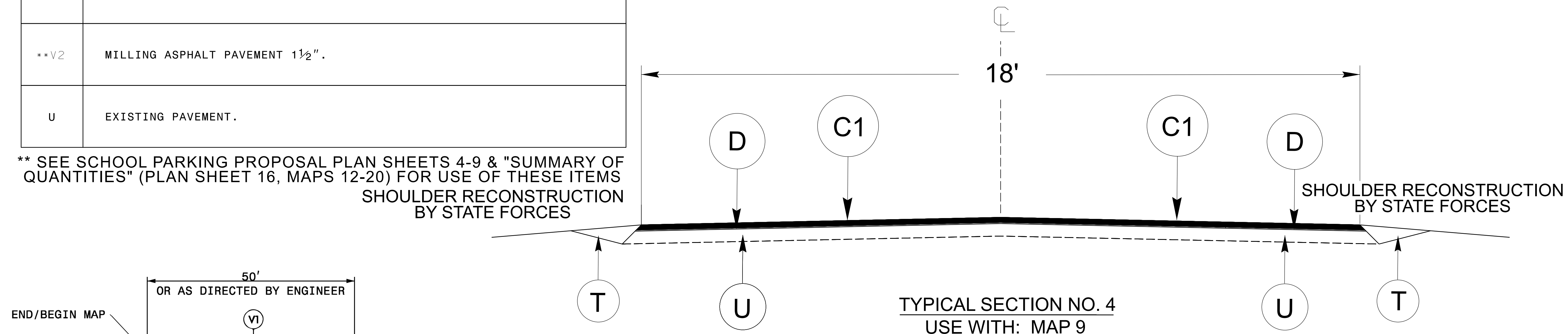
NOTES:

- * ALL INTERSECTING ROADS ARE TO BE RESURFACED TO THE ENDS OF THEIR RADII, THE MAIN LINE RIGHT OF WAY OR AS DIRECTED BY THE ENGINEER. THIS SHALL INCLUDE ANY TAPERS AND TURN LANES LOCATED BOTH ON THE MAIN LINE OR INTERSECTING PAVED ROADWAY.
- * EDGES, PAVEMENT WIDENING, INTERSECTIONS AND BRIDGE FLARES ARE INCLUDED IN THE SUMMARY OF QUANTITIES.
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- * CONSTRUCT THE MAT COAT IN ACCORDANCE WITH SUBARTICLE 660-8(D) OF THE *NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES*. AFTER THE MAT COAT HAS BEEN SATISFACTORILY APPLIED AND ROLLED, THE APPLICATION OF THE PLANT MIX OVERLAY SHALL BE COMPLETED WITHIN THE SAME DAY.
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** SEE SCHOOL PARKING PROPOSAL PLAN SHEETS 4-9 & "SUMMARY OF QUANTITIES" (PLAN SHEET 16, MAPS 12-20) FOR USE OF THESE ITEMS

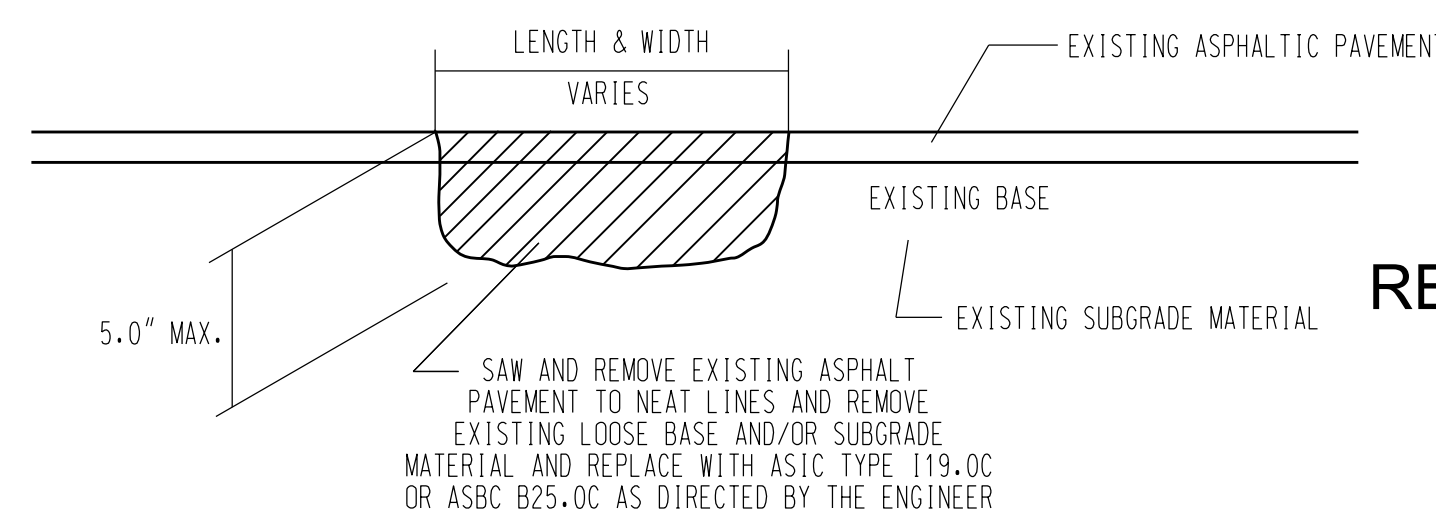
SHOULDER RECONSTRUCTION BY STATE FORCES

SHOULDER RECONSTRUCTION BY STATE FORCES



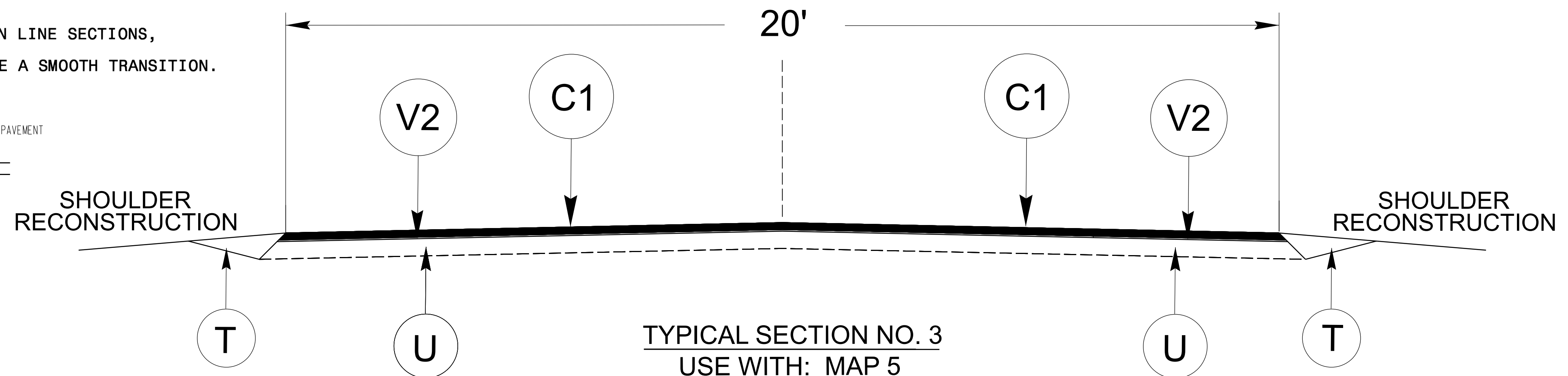
DETAIL 1

- NOTE:**
1. INCLUDES INCIDENTAL MILLING AT THE ENDS OF MAIN LINE SECTIONS, OR AS DIRECTED BY THE ENGINEER.
 2. PAVE TO THE END OF THE MILLED SURFACE TO CREATE A SMOOTH TRANSITION.



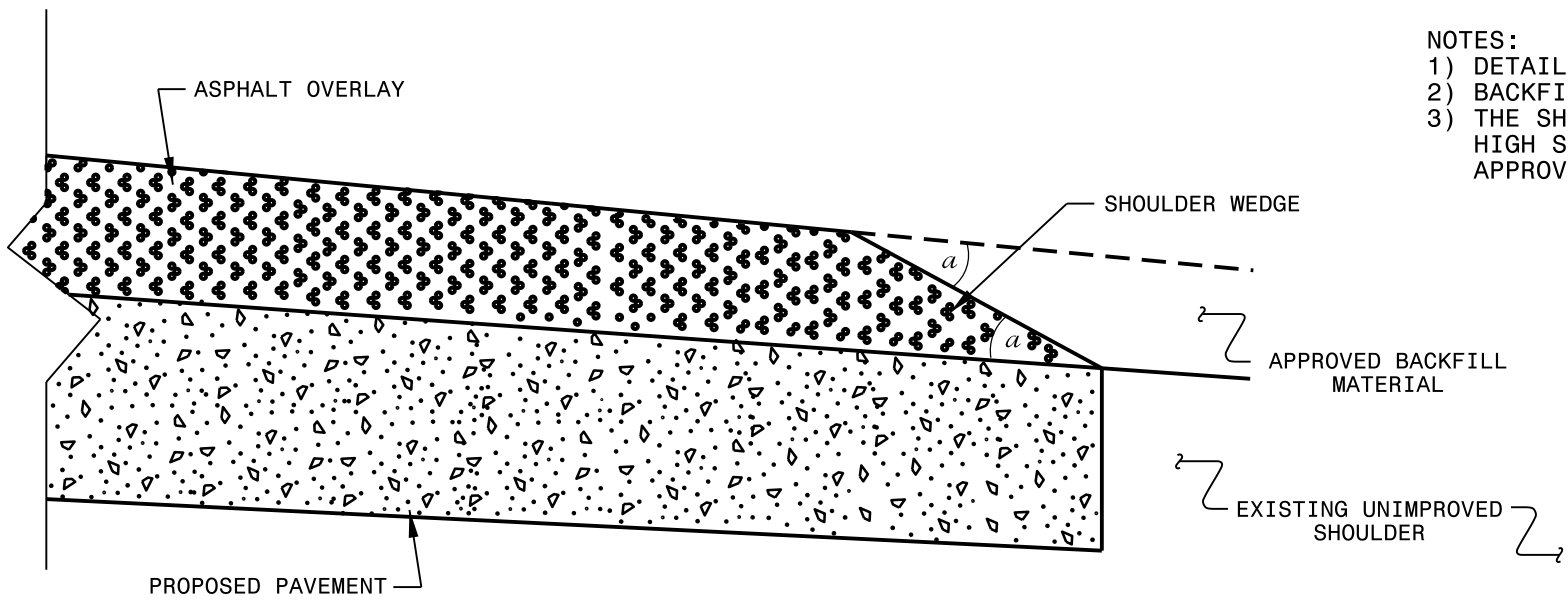
FULL DEPTH PATCHING 0 - 5"

*NOTE: EDGES OF PATCHED AREA ARE TO BE CLEANED OF ALL DEBRIS AND COATED WITH AN APPROVED TACK MATERIAL BEFORE PLACING ASPHALT.

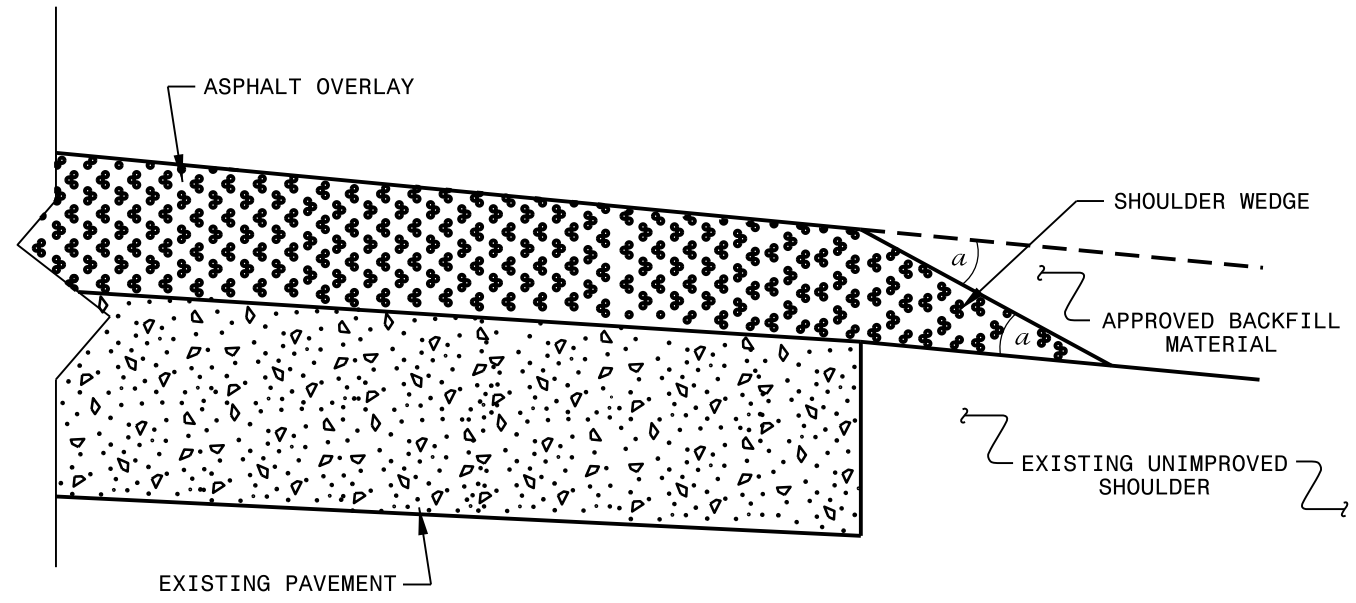


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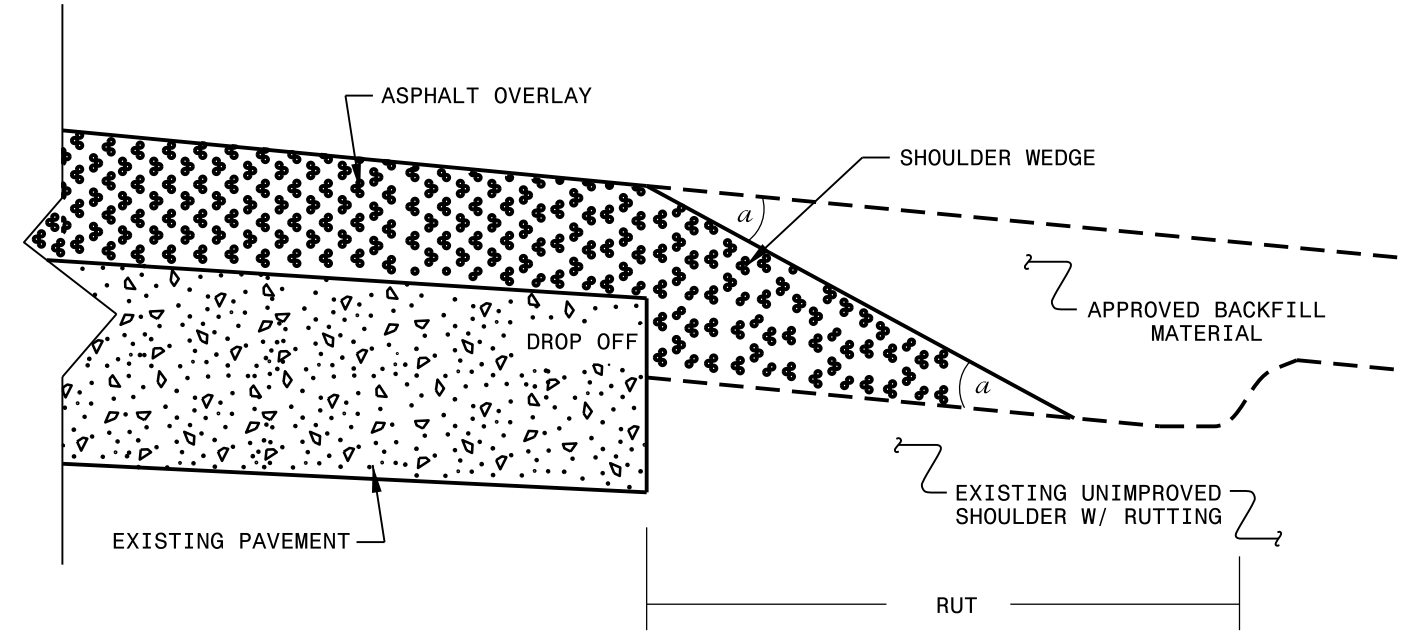
- NOTES:
- 1) DETAIL DOES NOT APPLY TO OGAFB AND ULTRA-THIN BONDED WEARING COURSE.
 - 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
 - 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS, SIDE STREETS, HIGH SHOULDERS, AND OTHER LOCATIONS NOT FEASIBLE TO CONSTRUCT AS APPROVED BY THE ENGINEER.



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: 2/2/16
CHECKED BY:	DATE:
FILE SPEC.: s:\usr\detatl1s\stand\shoulderwedgedetatl1.dgn	

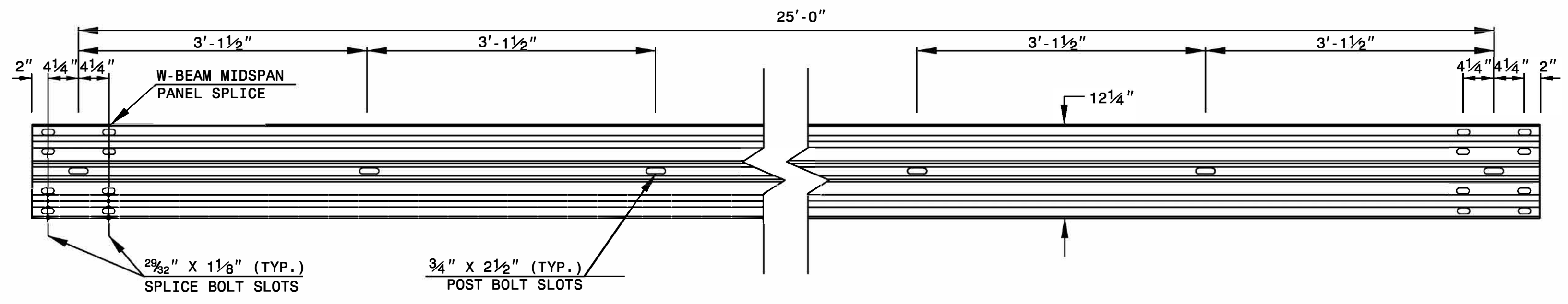
DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

\$\$\$SYTIME\$\$\$
 \$\$\$USERNAME\$\$\$

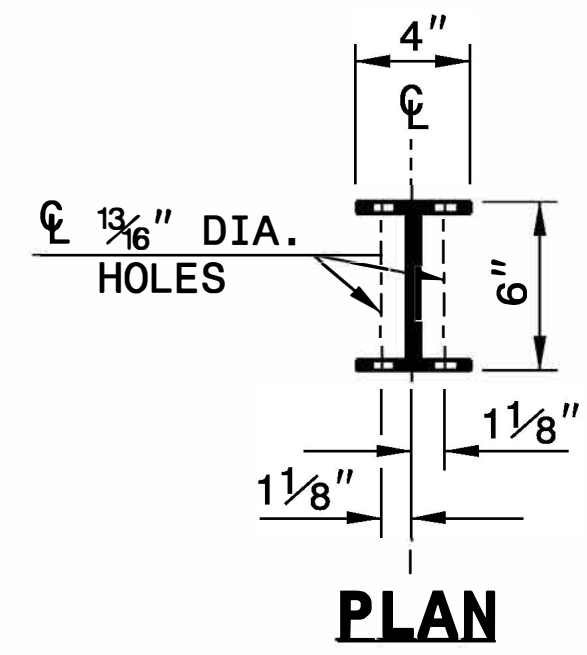
STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ROADWAY DETAIL DRAWING FOR
GUARDRAIL INSTALLATION

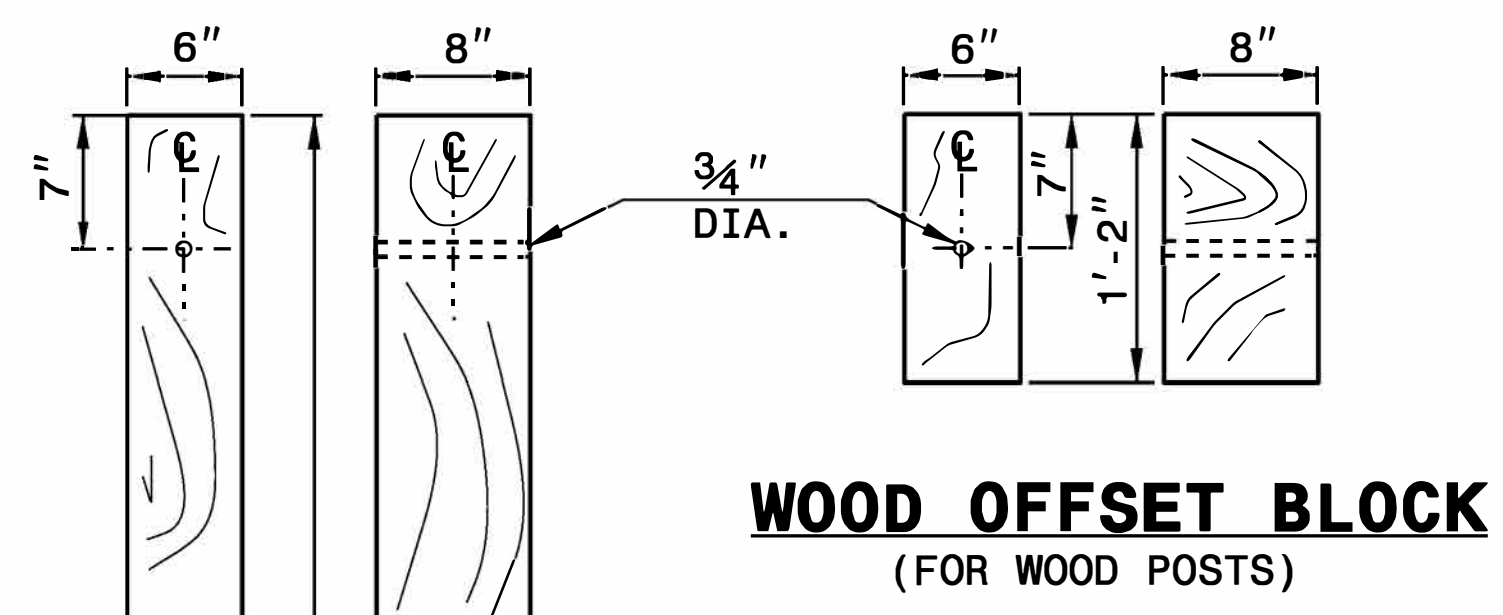
SHEET 6 OF 8
862D02



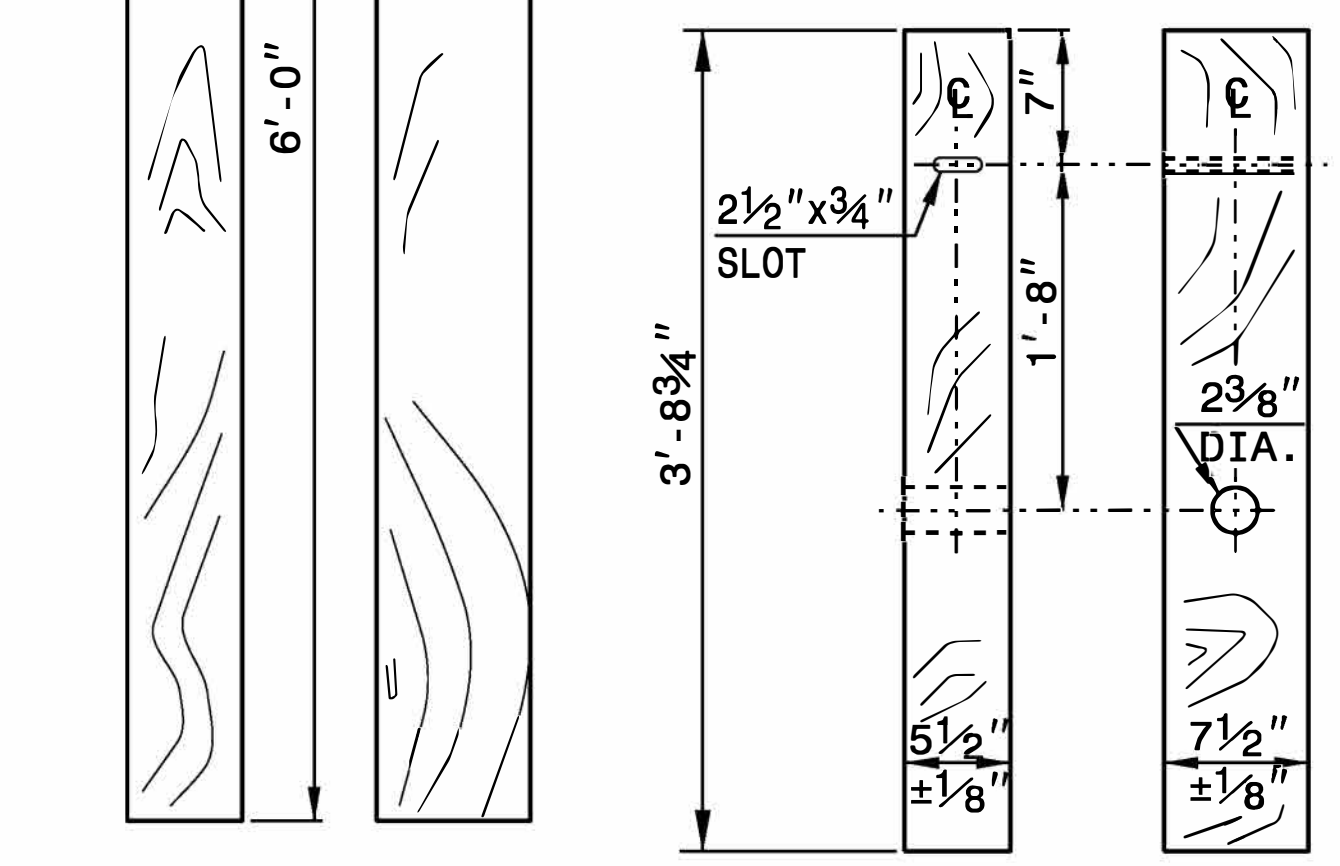
STANDARD W-BEAM GUARDRAIL



PLAN

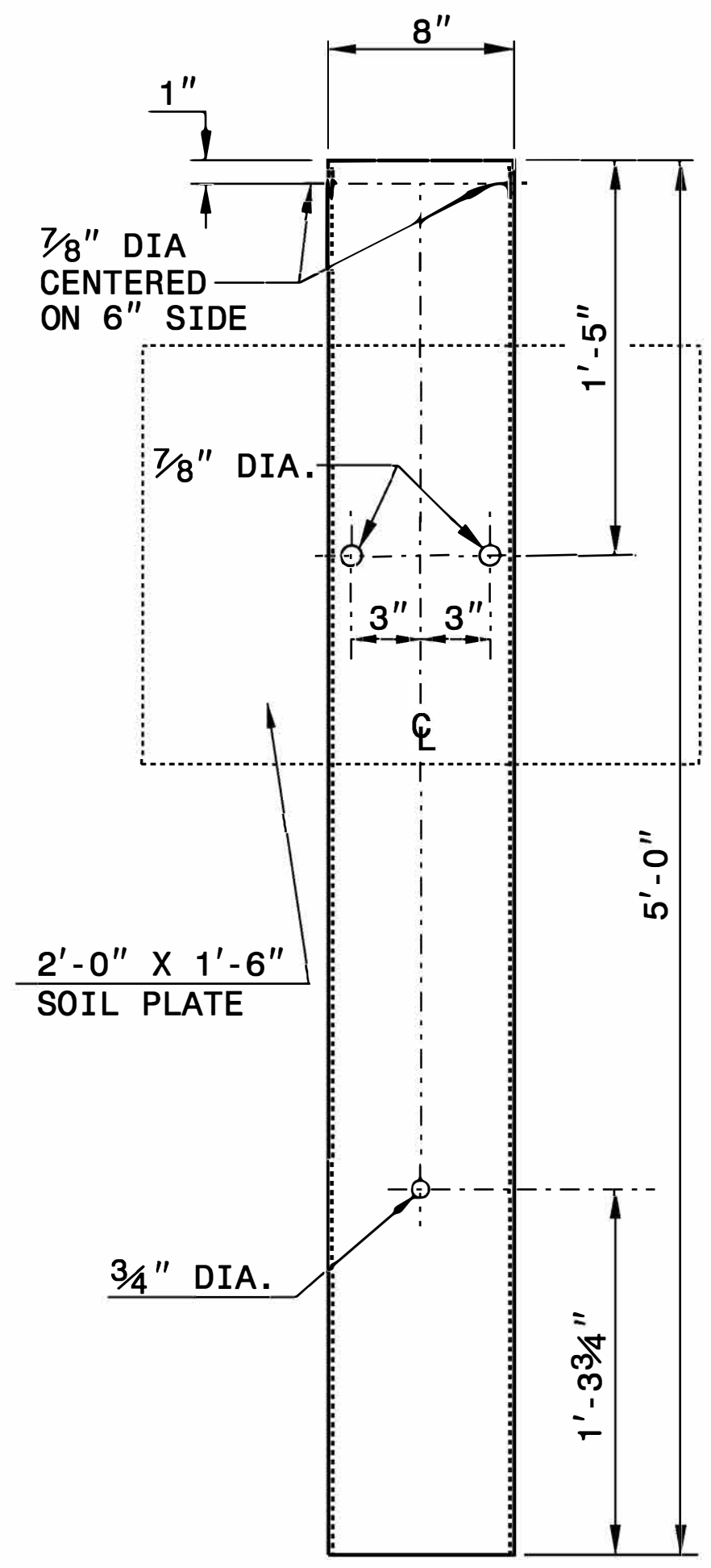


**WOOD OFFSET BLOCK
(FOR WOOD POSTS)**

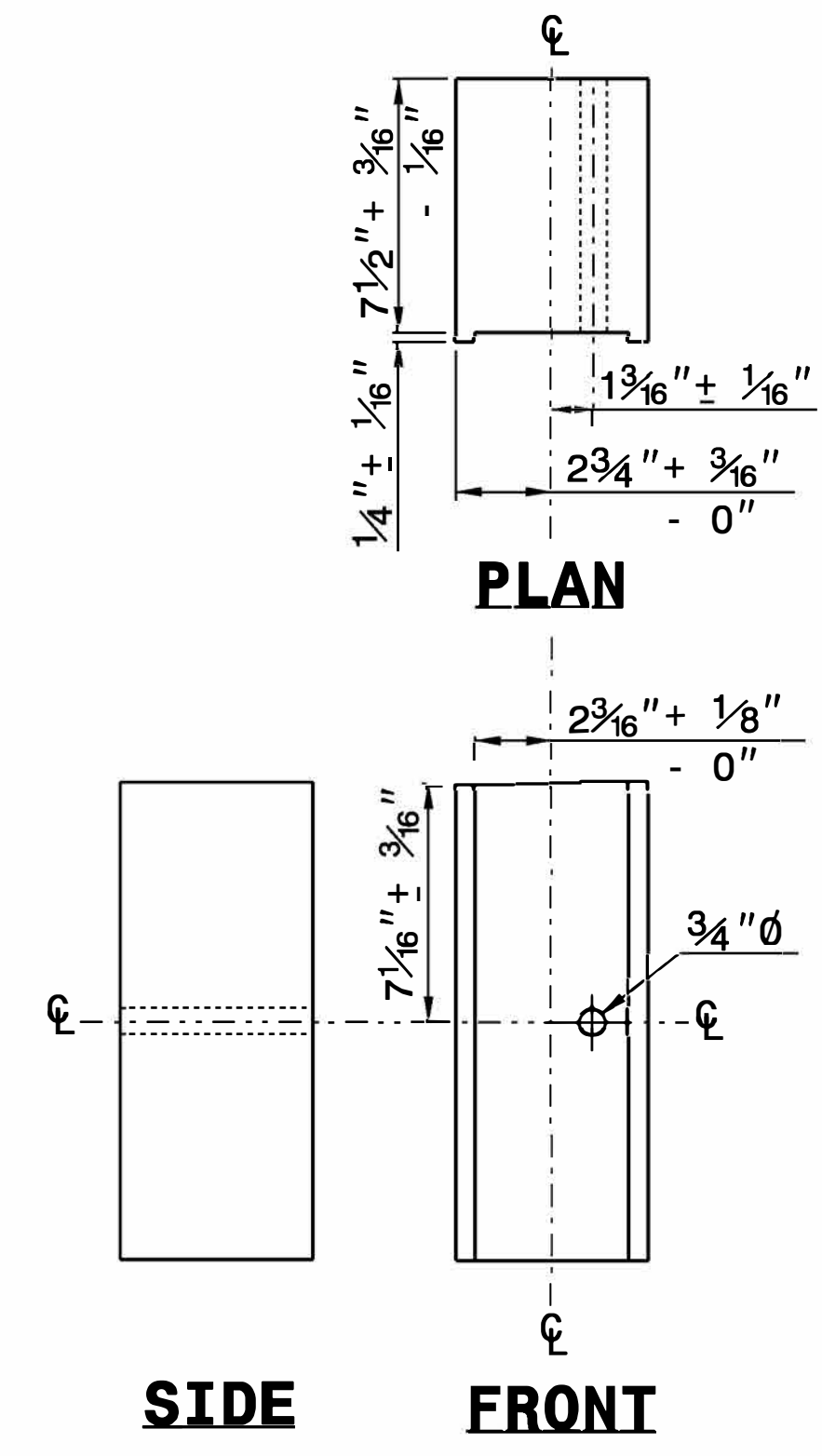


**STANDARD
LINE POST**

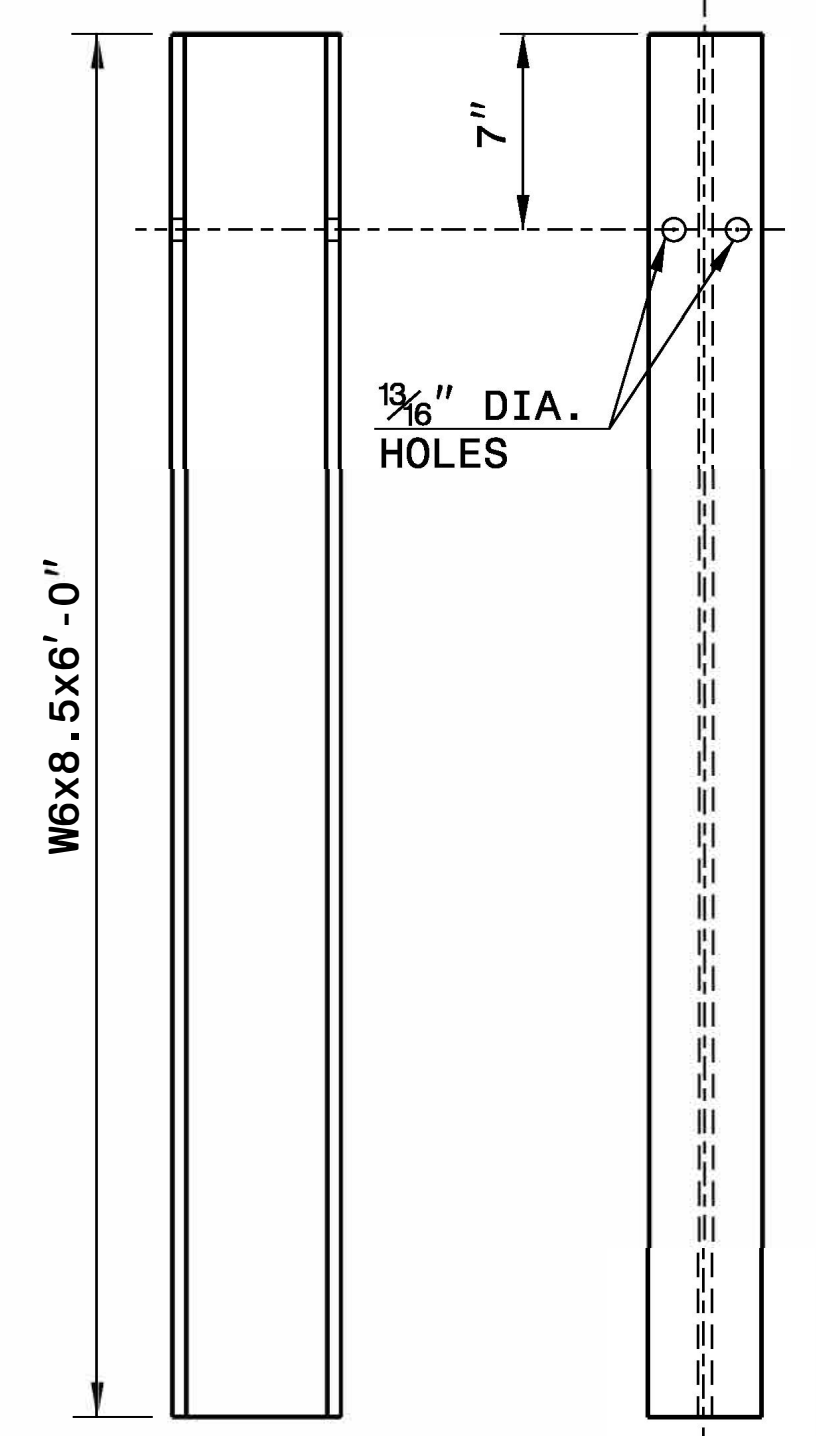
**SHORT WOOD
BREAKAWAY POST**



**STEEL TUBE
TS 6"x8"x0.1875"**



**ROUTED
OFFSET BLOCK**



"W6" STEEL POST

SYSTEM PARTS

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

ROADWAY DETAIL DRAWING FOR
GUARDRAIL INSTALLATION

SHEET 6 OF 8
862D02

**CONTRACTS STANDARDS
AND DEVELOPMENT UNIT**
Office 919-707-6950 FAX 919-250-4119

SEE TITLE BLOCK

ORIGINAL BY: J.HOWERTON	DATE: 3-7-2018
MODIFIED BY:	DATE:
CHECKED BY:	DATE:
FILE SPEC.:	

PROJECT NO.	SHEET NO.
2023CPT.01.07.20151.1, ETC.	14

SUMMARY OF QUANTITIES

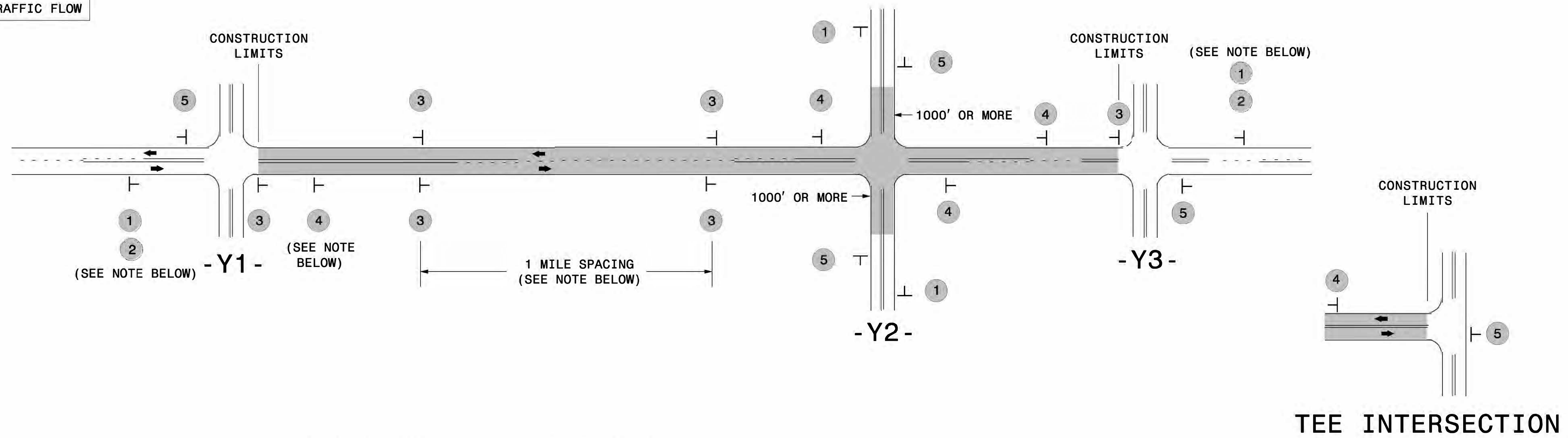
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH	WIDTH	0000100000-N	0001000000-E	0106000000-E	0163000000-E	1220000000-E	1245000000-E	1297000000-E	1330000000-E	1491000000-E	1503000000-E	1519000000-E	1575000000-E			
												MOBILIZATION	CLEARING & GRUBBING 0.1 ACRE(S)	BORROW EXCAVATION	REMOVAL OF EXISTING CONCRETE PAVEMENT	INCIDENTAL STONE BASE	SHOULDER RECONSTRUCTION	MILLING ASPHALT PAVEMENT (1½")	INCIDENTAL MILLING	ASPHALT CONCRETE BASE COURSE, B25.0C	ASPHALT CONCRETE INTERMEDIATE COURSE, I19.0C	ASPHALT CONCRETE SURFACE COURSE, S9.5B	ASPHALT BINDER FOR PLANT MIX			
											MI	FT	LS	LS	CY	SY	TONS	SMI	SY	SY	TONS	TONS	TONS	TONS		
2023CPT.01.07.20151.1	Camden	1	SR 1137 BUSHHELL RD	SR 1136 IVY NECK RD TO SR 1145 BELCROSS RD	1	2	2WU	NO	NO	1.38	20	1		414		28	2.76		200			1,478	102			
2023CPT.01.07.20151.1	Camden	2	SR 1140 UPTON RD	SR 1138 CHANTILLY RD TO US 158	2	2	2WU	NO	NO	0.86	20	*		258		17	1.72		600			953	65			
2023CPT.01.07.20151.1	Camden	3	SR 1146 PINCH GUTT RD	SR 1145 BELLCROSS RD TO SR 1135 NORTH RIVER RD	2	2	2WU	NO	NO	1.34	20	*		402		27	2.68		200			1,435	96			
2023CPT.01.07.20151.1	Camden	4	SR 1202 SLEEPY HOLLOW RD	SAWYERS CREEK RD	1	2	2WU	NO	NO	1.51	20	*		453		30	3.02		300			1,685	114			
2023CPT.01.07.20151.1	Camden	5	SR 1217 BUNKER HILL RD	NC 343 TO SR 1224 OLD SWAMP RD	3	2	2WU	NO	NO	1.43	20	*		429		29	2.86	16,779	1,715			1,675	113			
2023CPT.01.07.20151.1	Camden	6	SR 1233 CULPEPPER RD	US 17 TO SR 1231 MCPHERSON RD	2	2	2WU	NO	NO	1.57	20	*		471		31	3.14		300			1,701	115			
TOTAL FOR PROJ NO. 2023CPT.01.07.20151.1											8.09				2,427		162	16.18	16,779	3,315			8,927	605		
2023CPT.01.07.20271.1	Currituck	7	SR 1118 FORBES / SOUTH BAYVIEW RD	US 158 TO US 158	2	2	2WU	NO	NO	4.11	20	*		1,233		82	8.22		800			4,553	315			
2023CPT.01.07.20271.1	Currituck	8	SR 1132 BARNARD RD	SR 1131 POPLAR BRANCH RD TO US 158	2	2	2WU	NO	NO	0.51	20	*		153		10	1.02		500			572	39			
2023CPT.01.07.20271.1	Currituck	9	SR 1146 SWAINS LANE	DEAD END TO US 158	4	2	2WU	NO	NO	0.82	18	*				16					831	790	106			
TOTAL FOR PROJ NO. 2023CPT.01.07.20271.1											5.44				1,386		108	9.24		1,300			831	5,915	460	
2023CPT.01.07.20701.1	Pasquotank	10	SR 1145 OAK STUMP RD	SR 1144 SIMPSON DITCH RD TO END OF 3 LANES	2	2	2WU	NO	NO	2.45	21	*		735		49	4.90		700			2,853	192			
2023CPT.01.07.20701.1	Pasquotank	11	SR 1360 FIRETOWER RD	SR 1360 SCHOOL HOUSE RD TO US 158	2	2	2WU	NO	NO	2.12	20	*		636		42	4.24		1,000			2,332	158			
TOTAL FOR PROJ NO. 2023CPT.01.07.20701.1											4.57				1,371		91	9.14		1,700			5,185	350		
36249.4527	Pasquotank	12	CENTRAL ELEMENTARY SCHOOL	PARKING LOTS	1	2	2WU	NO	NO	0.021	18	*							75			28	5			
36249.4527	Pasquotank	13	SHEEP HARNEY ELEMENTARY SCHOOL	PARKING LOT IMPROVEMENTS	3	2	2WU	NO	NO	0.114	75	*	1		25			4,920				425	29			
36249.4527	Pasquotank	14	NORTH EASTERN HIGH SCHOOL	FRONT PARKING LOT IMPROVEMENTS	3	2		NO	NO	0.068	290	*						2,125				1,005	87			
36249.4527	Pasquotank	15	NORTH EASTERN HIGH SCHOOL	BUS PARKING LOT IMPROVEMENTS	3	2		NO	NO	0.15	160	*						4,625				400	27			
36249.4527	Pasquotank	16	PASQUOTANK COUNTY HIGH SCHOOL	ENTRANCE FROM NORTHSIDE RD TO PAVEMENT JOINT NEAR ECMS	1	2	2WU	NO	NO	0.275	20	*										280	21			
36249.4527	Pasquotank	17	NORTHSIDE ELEMENTARY SCHOOL	PARKING LOT IMPROVEMENTS FROM NORTHSIDE RD TO BUS PARKING	1	2		NO	NO	0.284	20	*										290	20			
36249.4527	Pasquotank	18	NORTHSIDE ELEMENTARY SCHOOL	PARKING LOT IMPROVEMENTS	3	2		NO	NO	0.041	175	*			77			4,200		25		365	26			
36249.4527	Pasquotank	19	NORTHSIDE ELEMENTARY SCHOOL	PARKING LOT LOOP	3	2		NO	NO	0.045	60	*						1,580				140	9			
36249.4527	Pasquotank	20	PASQUOTANK COUNTY HIGH SCHOOL	BUS PARKING LOT IMPROVEMENTS	3	2		NO	NO	0.079	100	*						4,625				400	27			
TOTAL FOR PROJ NO. 36249.4527											1.077				1		102		22,075		100		3,333	251		
GRAND TOTAL											19.177				1	1	5,184	102	361	34.56	38,854	6,315	100	831	23,360	1,666

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	1705000000-E	1775500000-E	1838000000-E	1880000000-E	2549000000-E	2845000000-N	3030000000-E	3287000000-N	3360000000-E	6000000000-E	6071012000-E	6084000000-E	6117000000-N			
										PATCHING EXISTING PAVEMENT (FULL DEPTH)	ASPHALT SURFACE TREATMENT MAT COAT #67 STONE	EMULSION FOR ASPHALT SURFACE TREATMENT	GENERIC PAVING ITEM, AC LEVELING COURSE, TYPE S4.75A	2'-6" CONCRETE CURB & GUTTER	ADJUSTMENT OF METER BOXES OR VALVE BOXES	STEEL BEAM GUARDRAIL	GUARDRAIL END UNITS, TYPE TL-3 (SP)	REMOVE EXISTING GUARDRAIL	TEMPORARY SILT FENCE	COIR FIBER WATTLE	SEEDING & MULCHING	RESPONSE FOR EROSION CONTROL			
										TON	SY	GAL	TON	LF	EA	LF	EA	LF	EA	LF	ACR	EA			
2023CPT.01.07.20151.1	Camden	1	SR 1137 BUSHELL RD	SR 1136 IVY NECK RD TO SR 1145 BELCROSS RD	1	2	2WU	NO	NO	31												1.4	1		
2023CPT.01.07.20151.1	Camden	2	SR 1140 UPTON RD	SR 1138 CHANTILLY RD TO US 158	2	2	2WU	NO	NO	31	10,091	4,040										0.9	1		
2023CPT.01.07.20151.1	Camden	3	SR 1146 PINCH GUTT RD	SR 1145 BELLCROSS RD TO SR 1135 NORTH RIVER RD	2	2	2WU	NO	NO		15,723	6,300													
2023CPT.01.07.20151.1	Camden	4	SR 1202 SLEEPY HOLLOW RD	SAWYERS CREEK RD	1	2	2WU	NO	NO	21												50	30	1.3	1
2023CPT.01.07.20151.1	Camden	5	SR 1217 BUNKER HILL RD	NC 343 TO SR 1224 OLD SWAMP RD	3	2	2WU	NO	NO	5					2							50	25	1.4	1
2023CPT.01.07.20151.1	Camden	6	SR 1233 CULPEPPER RD	US 17 TO SR 1231 MCPHERSON RD	2	2	2WU	NO	NO	21	18,421	7,370										50	30	1.6	1
TOTAL FOR PROJ NO. 2023CPT.01.07.20151.1										109	44,235	17,710			2				150	85	8.1	6			
2023CPT.01.07.20271.1	Currituck	7	SR 1118 FORBES / SOUTH BAYVIEW RD	US 158 TO US 158	2	2	2WU	NO	NO	215	48,224	19,300										50	30	4.1	2
2023CPT.01.07.20271.1	Currituck	8	SR 1132 BARNARD RD	SR 1131 POPLAR BRANCH RD TO US 158	2	2	2WU	NO	NO	21	5,984	2,395												0.5	1
2023CPT.01.07.20271.1	Currituck	9	SR 1146 SWAINS LANE	DEAD END TO US 158	4	2	2WU	NO	NO	264												3,500	500	0.8	1
TOTAL FOR PROJ NO. 2023CPT.01.07.20271.1										500	54,208	21,695								3,500	500	5.4	4		
2023CPT.01.07.20701.1	Pasquotank	10	SR 1145 OAK STUMP RD	SR 1144 SIMPSON DITCH RD TO END OF 3 LANES	2	2	2WU	NO	NO	21	30,184	12,075										75	30	2.5	1
2023CPT.01.07.20701.1	Pasquotank	11	SR 1360 FIRETOWER RD	SR 1360 SCHOOL HOUSE RD TO US 158	2	2	2WU	NO	NO	52	24,875	9,950			3	145	2	145				50	30	2.1	1
TOTAL FOR PROJ NO. 2023CPT.01.07.20701.1										73	55,059	22,025			3	145	2	145			125	60	4.6	2	
36249.4527	Pasquotank	12	CENTRAL ELEMENTARY SCHOOL	PARKING LOTS	1	2	2WU	NO	NO																
36249.4527	Pasquotank	13	SHEEP HARNEY ELEMENTARY SCHOOL	PARKING LOT IMPROVEMENTS	3	2	2WU	NO	NO	5				530											
36249.4527	Pasquotank	14	NORTH EASTERN HIGH SCHOOL	FRONT PARKING LOT IMPROVEMENTS	3	2		NO	NO	410			23												
36249.4527	Pasquotank	15	NORTH EASTERN HIGH SCHOOL	BUS PARKING LOT IMPROVEMENTS	3	2		NO	NO																
36249.4527	Pasquotank	16	PASQUOTANK COUNTY HIGH SCHOOL	ENTRANCE FROM NORTHSIDE RD TO PAVEMENT JOINT NEAR ECMS	1	2	2WU	NO	NO	50			3												
36249.4527	Pasquotank	17	NORTHSIDE ELEMENTARY SCHOOL	PARKING LOT IMPROVEMENTS FROM NORTHSIDE RD TO BUS PARKING	1	2		NO	NO	15			1												
36249.4527	Pasquotank	18	NORTHSIDE ELEMENTARY SCHOOL	PARKING LOT IMPROVEMENTS	3	2		NO	NO	45			2												
36249.4527	Pasquotank	19	NORTHSIDE ELEMENTARY SCHOOL	PARKING LOT LOOP	3	2		NO	NO																
36249.4527	Pasquotank	20	PASQUOTANK COUNTY HIGH SCHOOL	BUS PARKING LOT IMPROVEMENTS	3	2		NO	NO																
TOTAL FOR PROJ NO. 36249.4527										525			29	530											
GRAND TOTAL										1,207	153,502	61,430	29	530	5	145	2	145	3,825	675	18.1	12			

SIGNING FOR RESURFACING PROJECTS

LEGEND
 ┆ STATIONARY SIGN
 ← DIRECTION OF TRAFFIC FLOW



MAINLINE (-L-) SIGNING

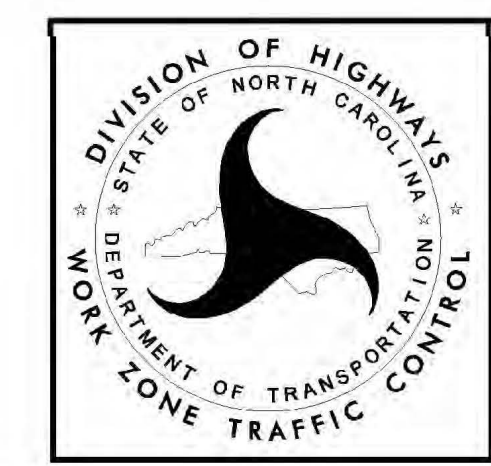
-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	1		PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.	<p>NO REQUIRED STATIONARY SIGNING FOR THE FOLLOWING -Y- LINE CONDITIONS:</p> <ol style="list-style-type: none"> 1) LESS THAN 1000' OF RESURFACING ALONG -Y- LINE 2) SUBDIVISION ROADS 3) DEAD END ROADS <p>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.</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> W20-1 48" X 48" PLACED 500' IN ADVANCE OF FLAGGER. </div> <div style="text-align: center;"> W20-7 A 48" X 48" PLACED 250' IN ADVANCE OF FLAGGER. </div> </div>
	2		#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		<ul style="list-style-type: none"> - 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. 	
	4		<ul style="list-style-type: none"> - 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		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.



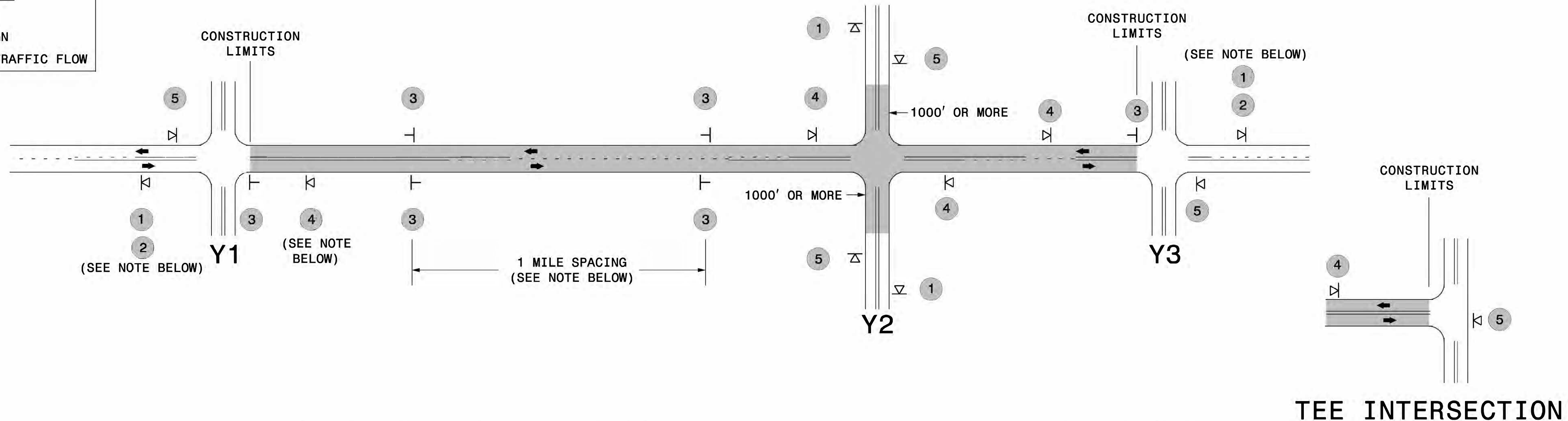
ADVANCE WARNING SIGNS FOR RURAL AND SUBURBAN 2-LANE ROADWAY RESURFACING

5/15/2017 S:\1\MD\WZ\IC\Resurfacing\2L2W & AS1\Resurfacing Det\dlis\Resurfacing-AdvWarn-2Ln.dgn User:kdalis

SIGNING FOR ASPHALT SURFACE TREATMENT

LEGEND

- ◁ PORTABLE SIGN
- ┃ STATIONARY SIGN
- ← DIRECTION OF TRAFFIC FLOW



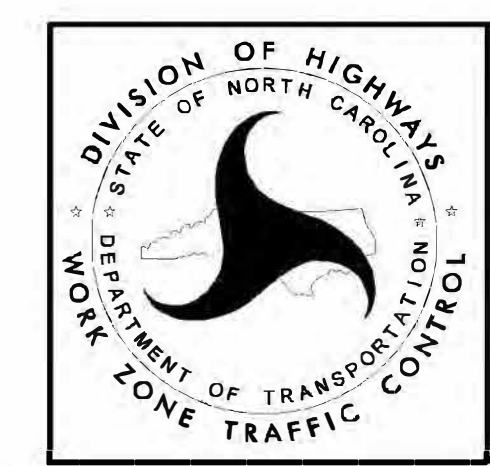
MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	1	 	<ul style="list-style-type: none"> - 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. 	<p>STATIONARY SIGNING NOT REQUIRED FOR THE FOLLOWING -Y- LINE CONDITIONS:</p> <ol style="list-style-type: none"> 1) LESS THAN 1000' OF RESURFACING ALONG -Y- LINE 2) SUBDIVISION ROADS 3) DEAD END ROADS <p>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.</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <small>W20-1 48" X 48"</small> PLACED 500' IN ADVANCE OF FLAGGER. </div> <div style="text-align: center;"> <small>W20-7 A 48" X 48"</small> PLACED 250' IN ADVANCE OF FLAGGER. </div> </div>
	3	 	<ul style="list-style-type: none"> - 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		<ul style="list-style-type: none"> - 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		<ul style="list-style-type: none"> - PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS OR AS SHOWN WHEN WORK ENDS AT A 3-WAY TEE INTERSECTION. 	
	<p>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.</p>			

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.



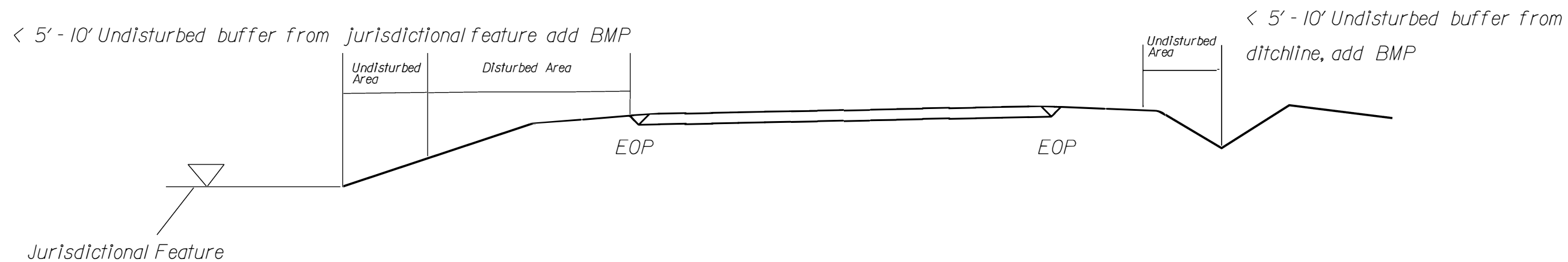
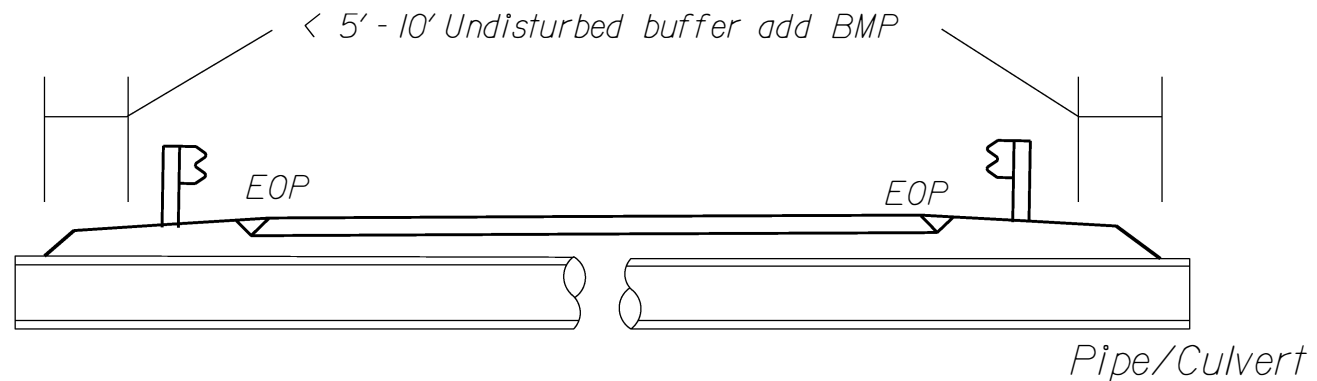
**ADVANCE WARNING SIGNS
FOR
2-LANE ROADWAY
ASPHALT SURFACE TREATMENT**

5/12/2017 S:\MIX\Z\IC\Resurfacing\2L2W & AS1 Resurfacing Details\Resurfacing_AdvWarn_2Ln - AS1.dgn User:kdals

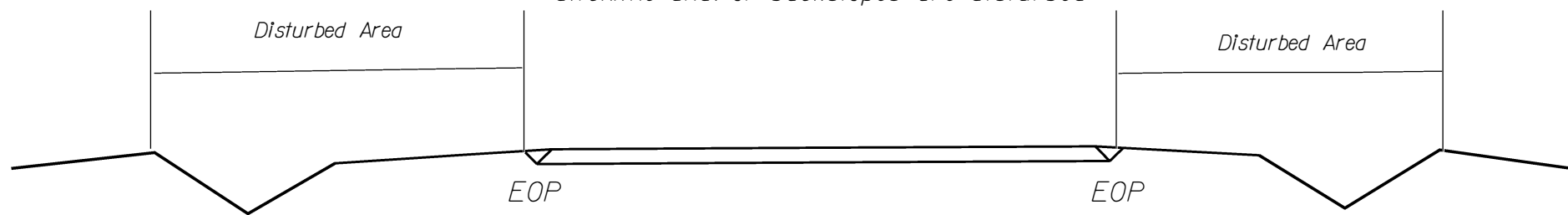
NOTES: Less than 5' - 10' undisturbed buffer from ROW, ditchline, water feature, or drainage inlet, add BMP.

BMP Options: Wattle or Silt Fence

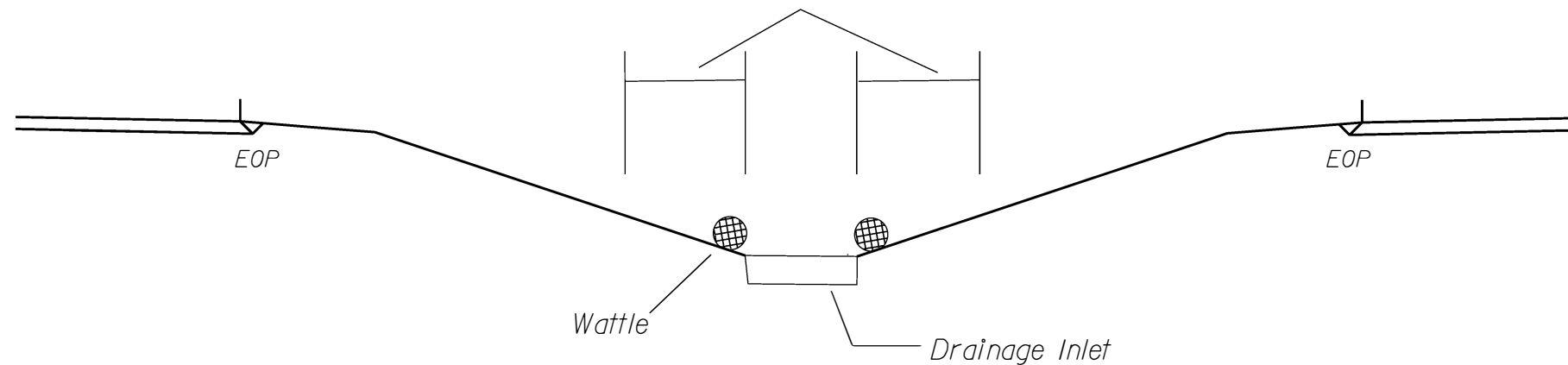
EROSION CONTROL DETAIL



Use BMP's if shoulders and/or frontslopes and/or ditchline and/or backslopes are disturbed

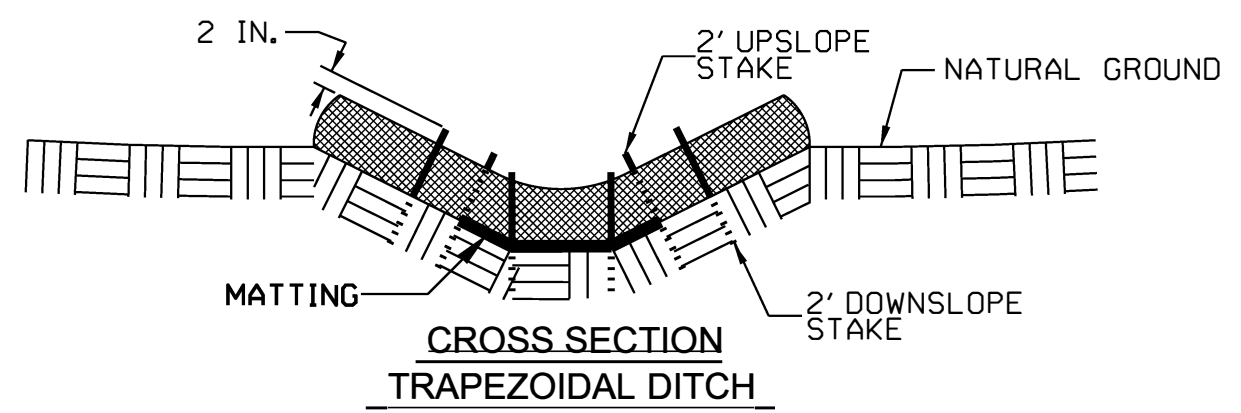
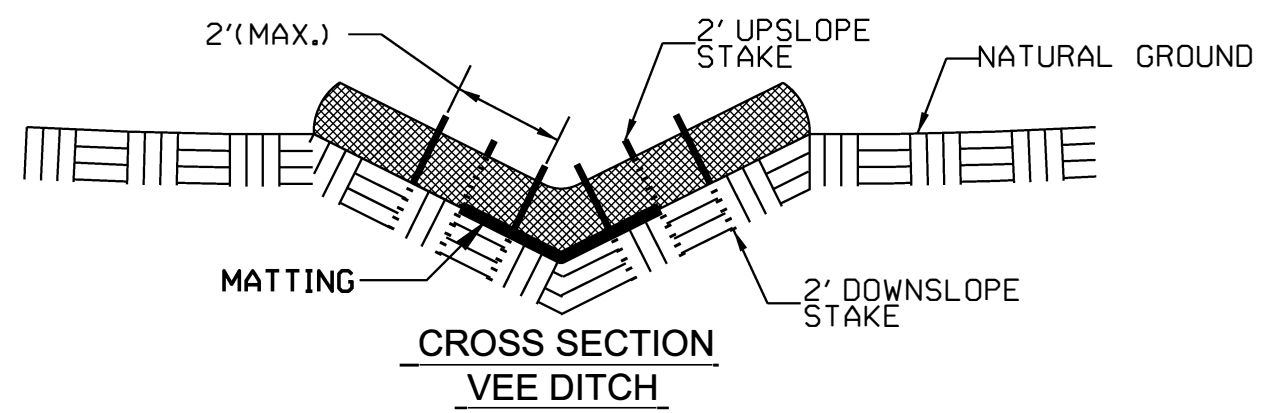
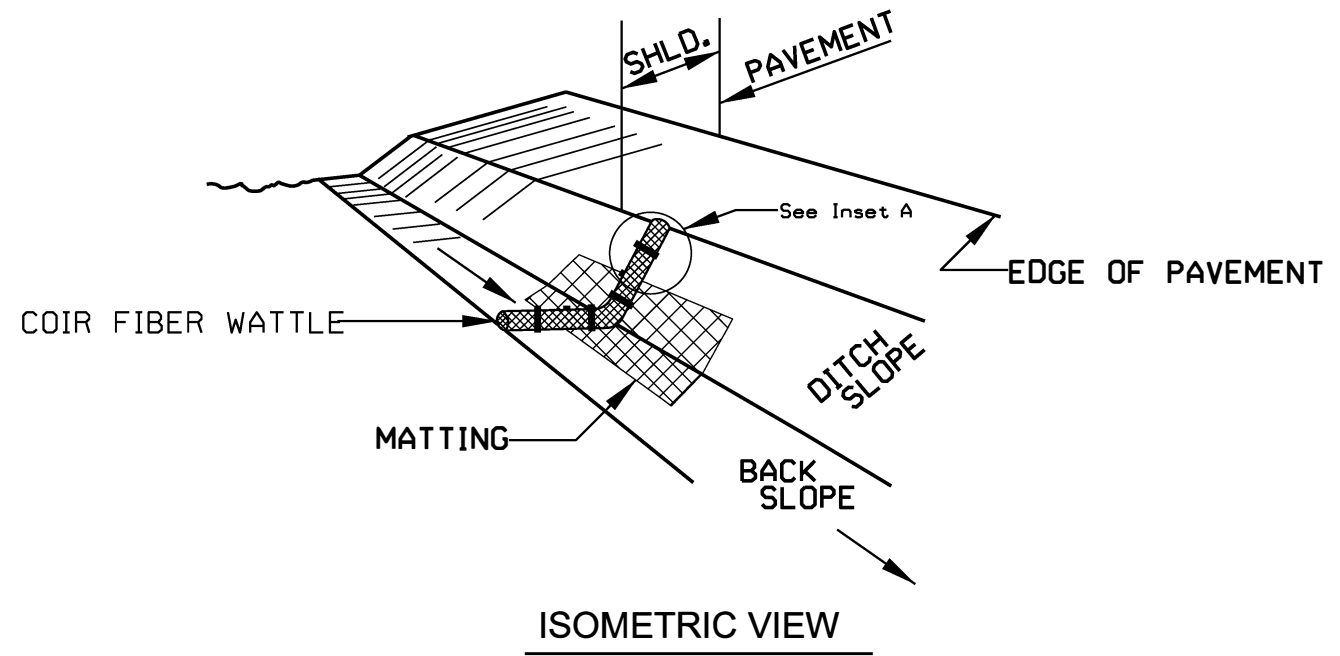


< 5' - 10' Undisturbed buffer from inlet, add wattle



NOT TO SCALE

COIR FIBER WATTLE DETAIL



NOTES:

USE MINIMUM 12 IN. DIAMETER COIR FIBER (COCONUT FIBER) WATTLE.

USE 2 FT. WOODEN STAKES WITH A 2 IN. BY 2 IN. NOMINAL CROSS SECTION.

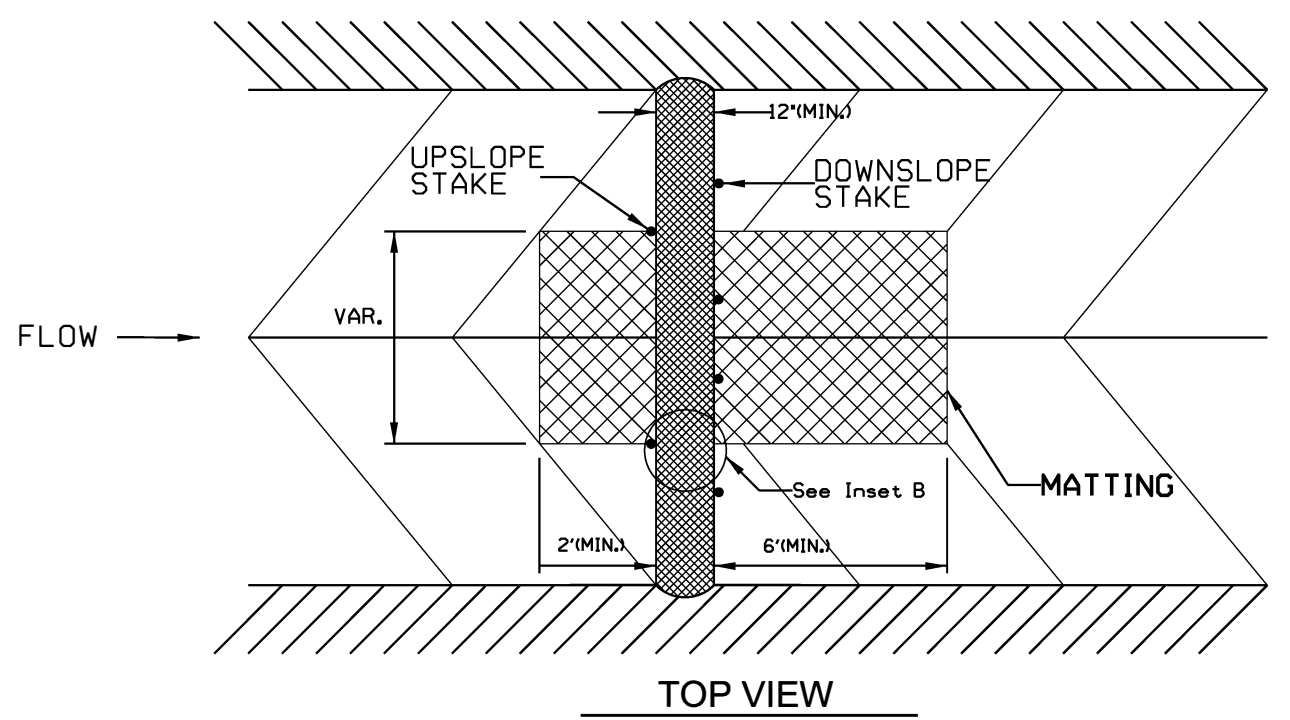
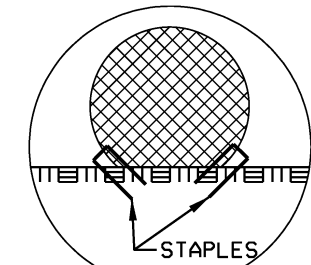
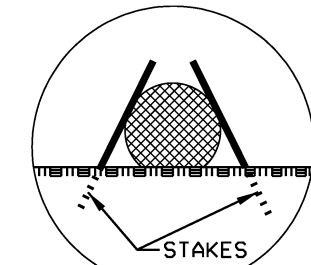
ONLY INSTALL WATTLE(S) TO A HEIGHT IN DITCH SO FLOW WILL NOT WASH AROUND WATTLE AND SCOUR DITCH SLOPES AND AS DIRECTED.

INSTALL A MINIMUM OF 2 UPSLOPE STAKES AND 4 DOWNSLOPE STAKES AT AN ANGLE TO WEDGE WATTLE TO BOTTOM OF DITCH.

PROVIDE STAPLES MADE OF 0.125 IN. DIAMETER STEEL WIRE FORMED INTO A U SHAPE NOT LESS THAN 12" IN LENGTH.

INSTALL STAPLES APPROXIMATELY EVERY 1 LINEAR FOOT ON BOTH SIDES OF WATTLE AND AT EACH END TO SECURE IT TO THE SOIL.

INSTALL MATTING IN ACCORDANCE WITH SECTION 1631 OF THE STANDARD SPECIFICATIONS.



DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

SOIL STABILIZATION TIMEFRAMES

SITE DESCRIPTION	STABILIZATION TIME	TIMEFRAME EXCEPTIONS
PERIMETER DIKES, SWALES, DITCHES AND SLOPES	7 DAYS	NONE
HIGH QUALITY WATER (HQW) ZONES	7 DAYS	NONE
SLOPES STEEPER THAN 3:1	7 DAYS	IF SLOPES ARE 10' OR LESS IN LENGTH AND ARE NOT STEEPER THAN 2:1, 14 DAYS ARE ALLOWED.
SLOPES 3:1 OR FLATTER	14 DAYS	7 DAYS FOR SLOPES GREATER THAN 50' IN LENGTH.
ALL OTHER AREAS WITH SLOPES FLATTER THAN 4:1	14 DAYS	NONE, EXCEPT FOR PERIMETERS AND HQW ZONES.