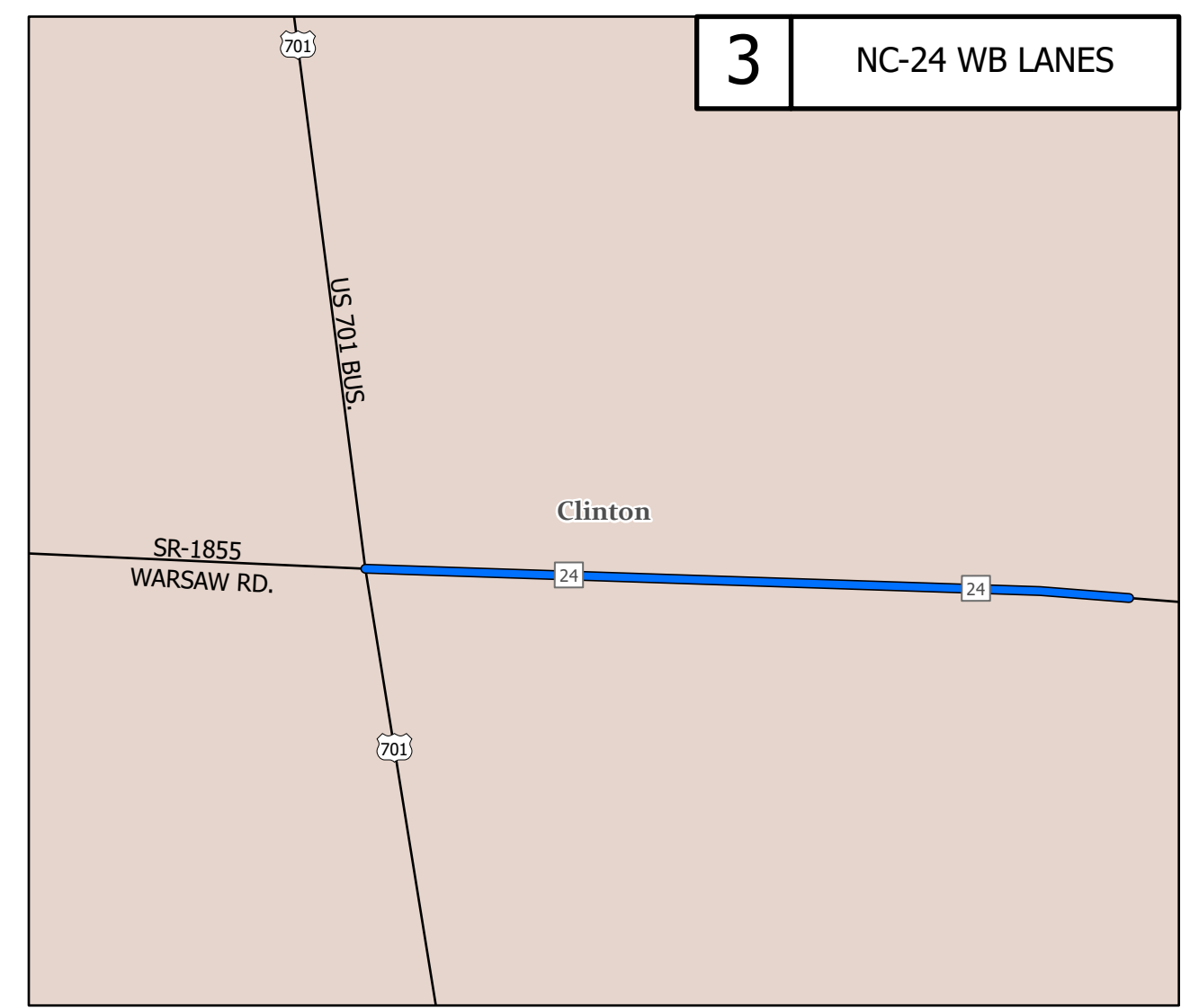
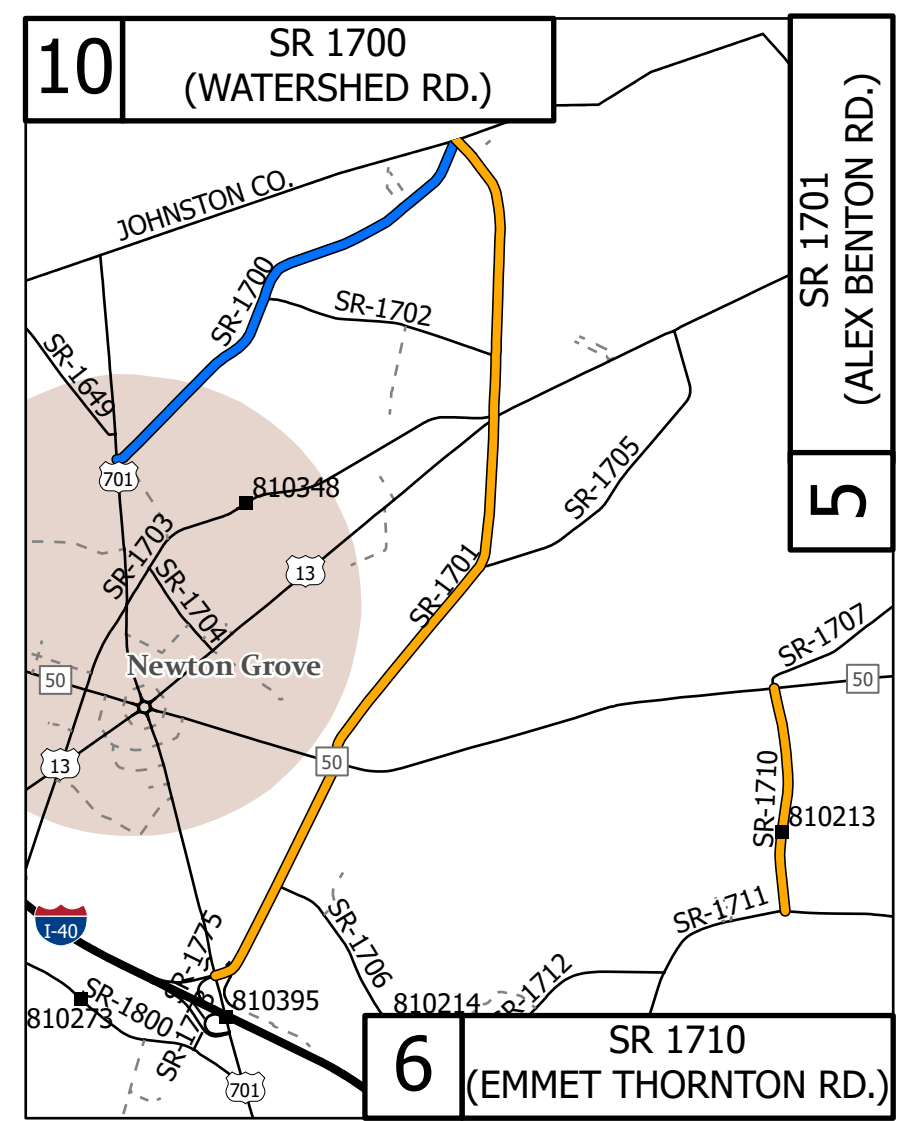
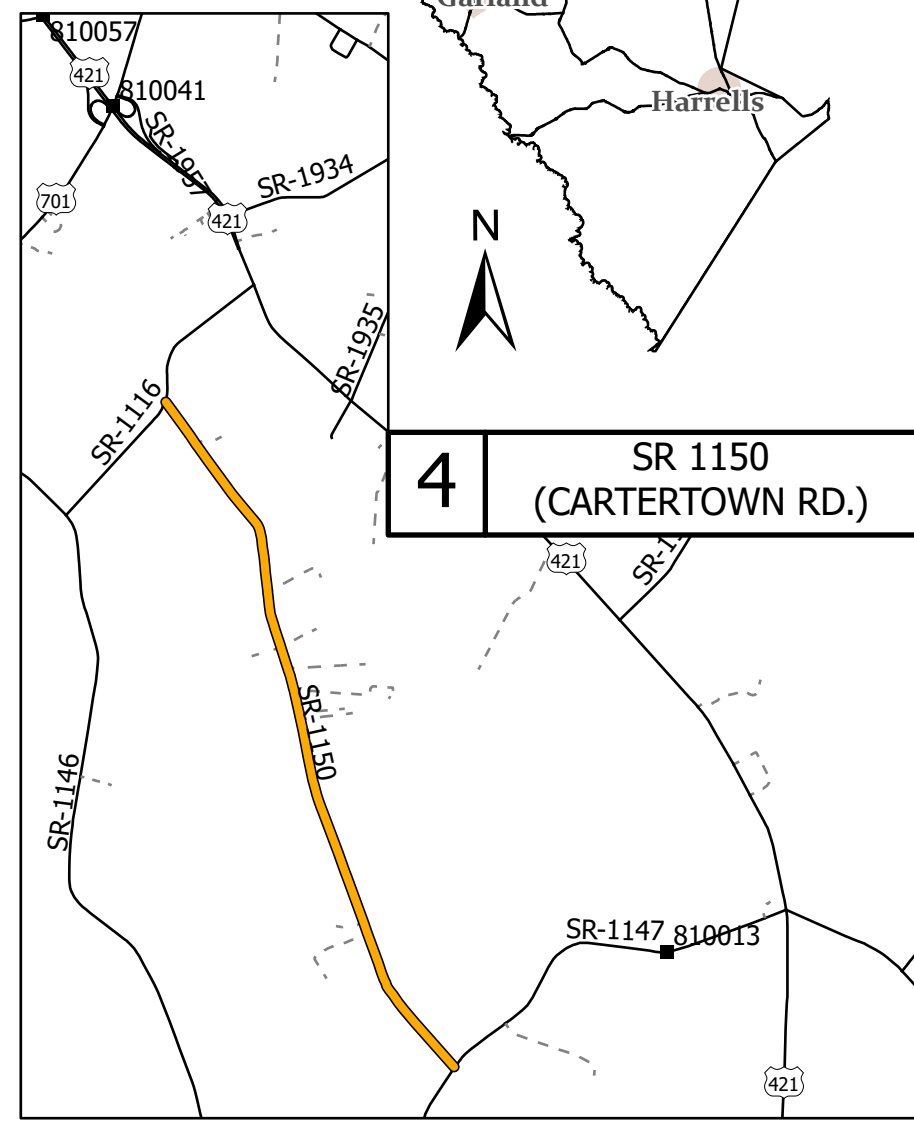
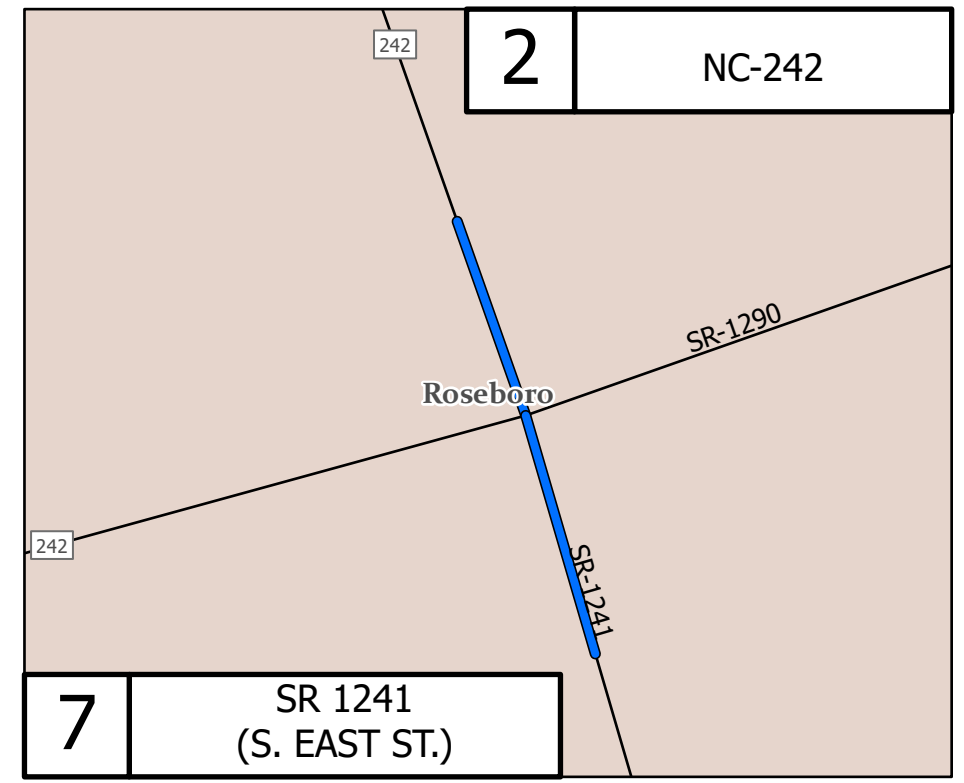
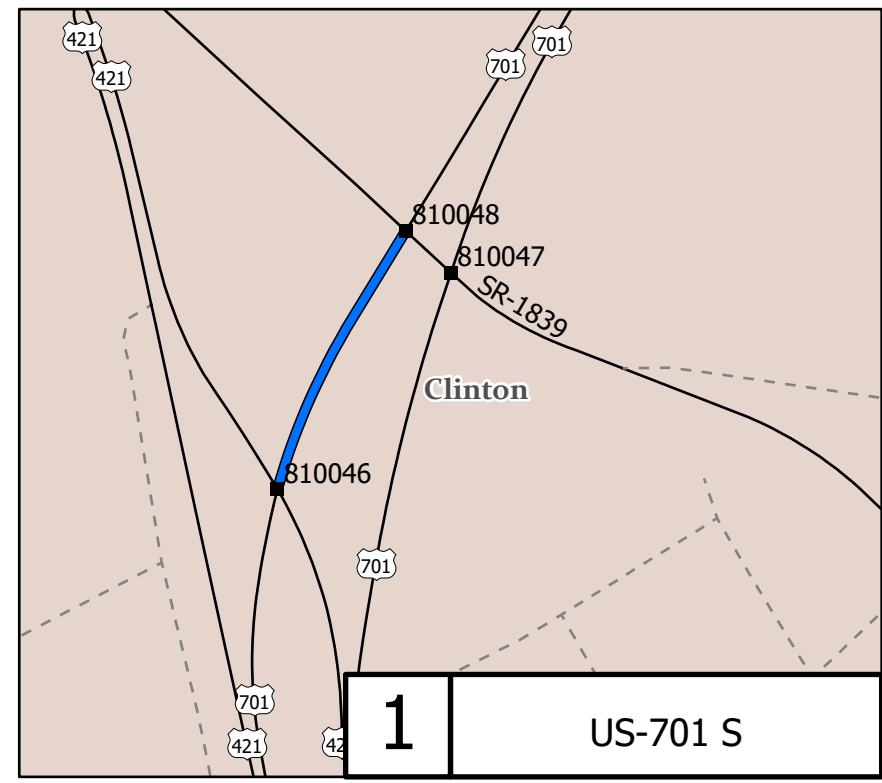
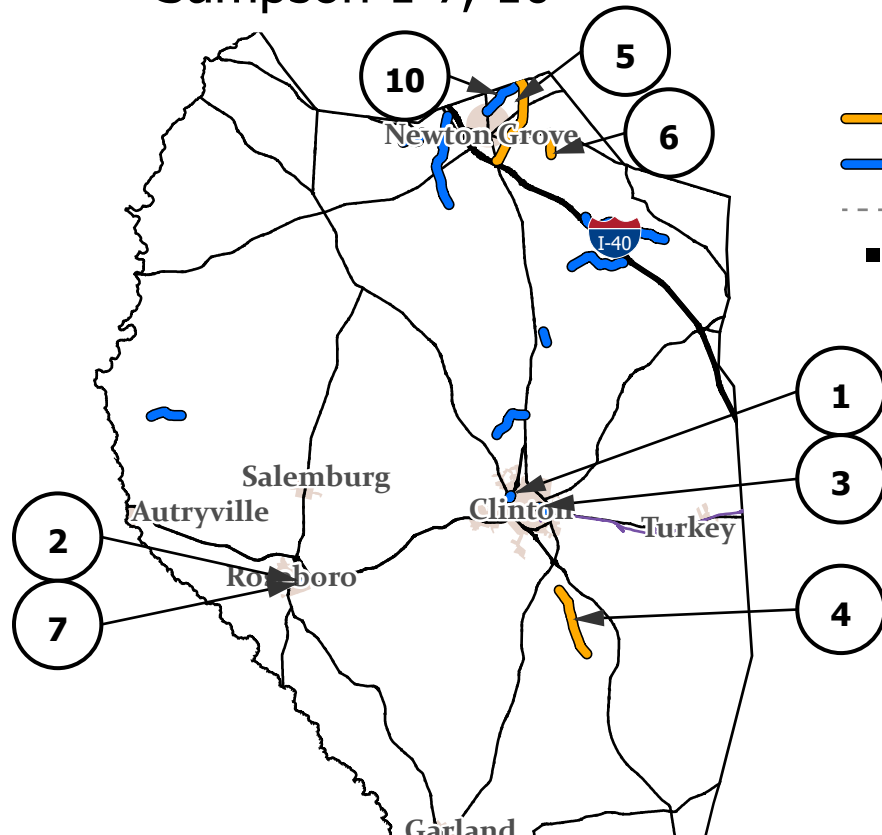


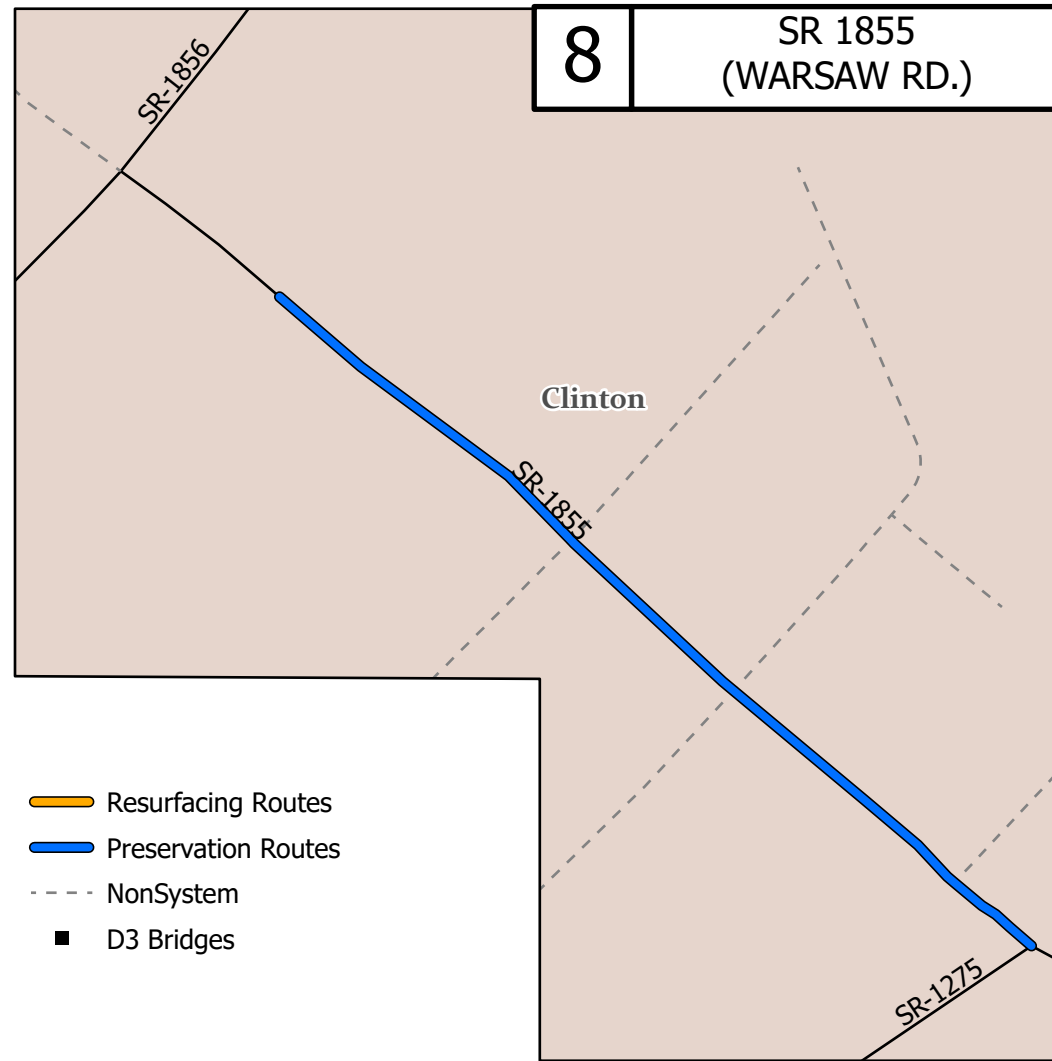
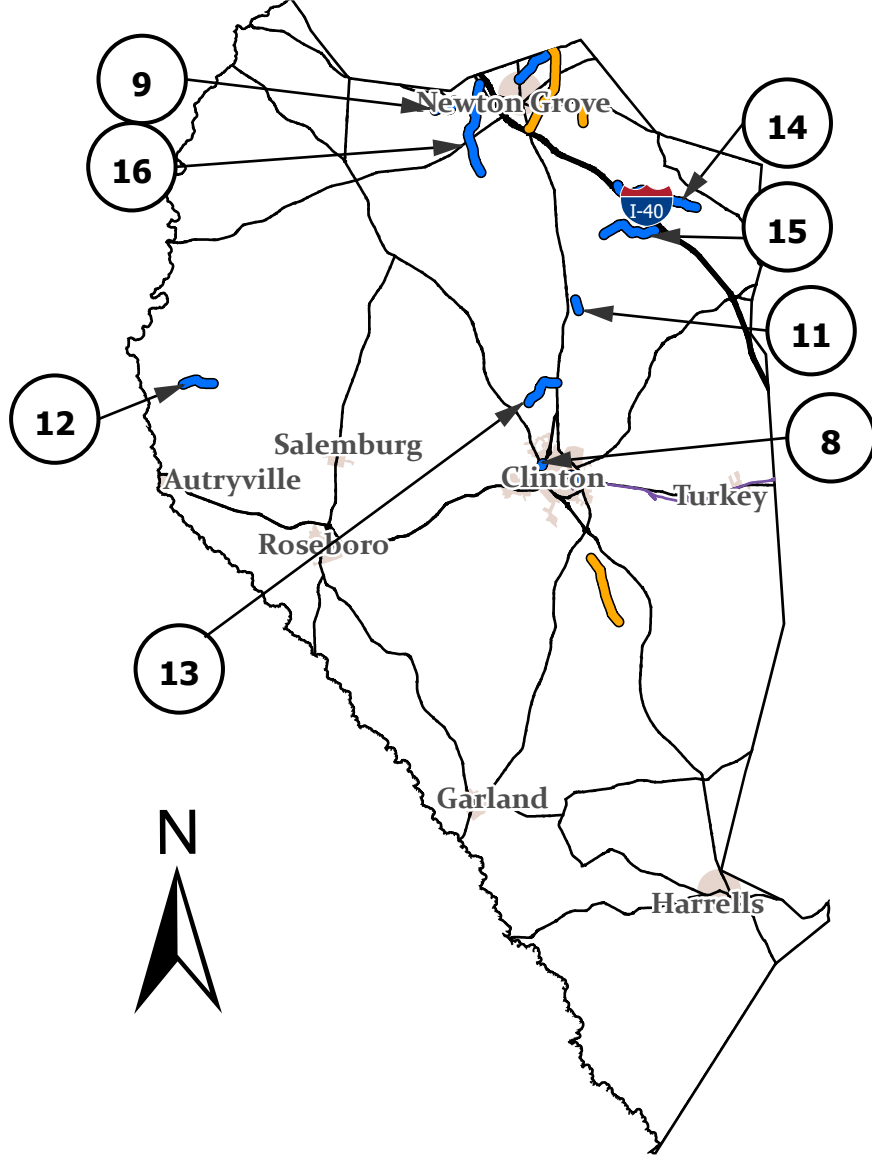
Sampson 1-7, 10

PROJECT REFERENCE NO.	SHEET NO.
2023CPT.03.11.10822, ETC	1

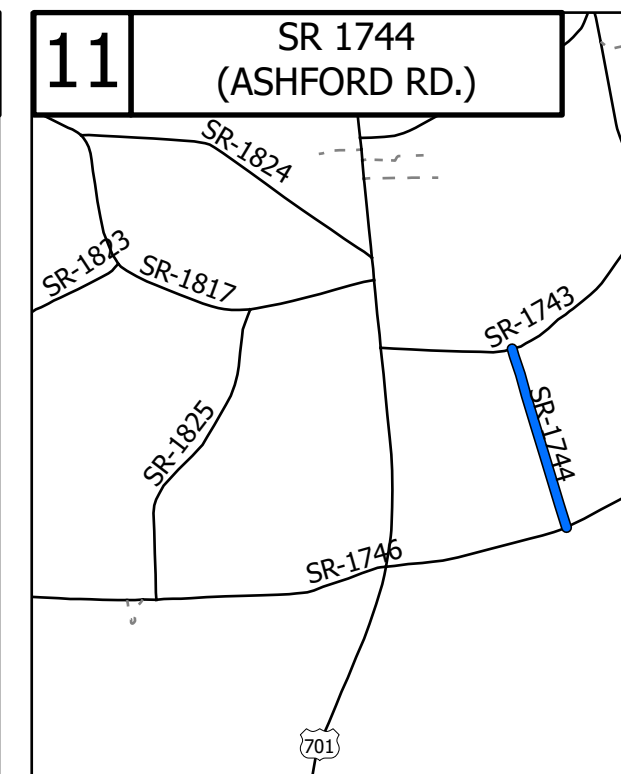
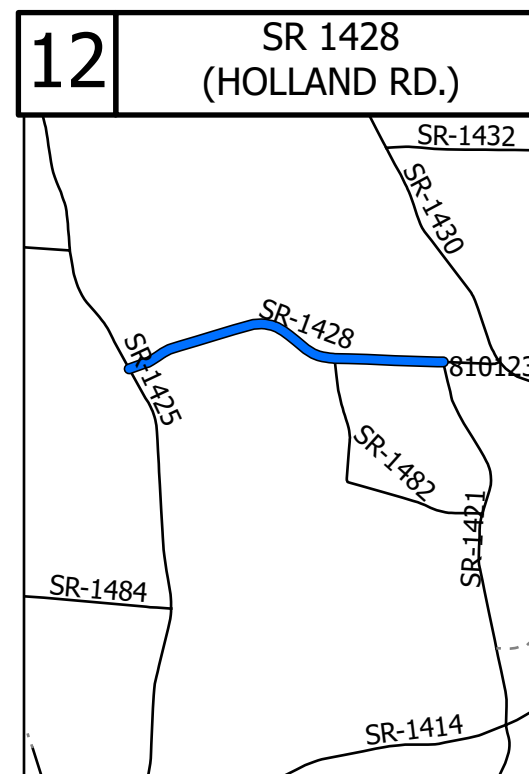
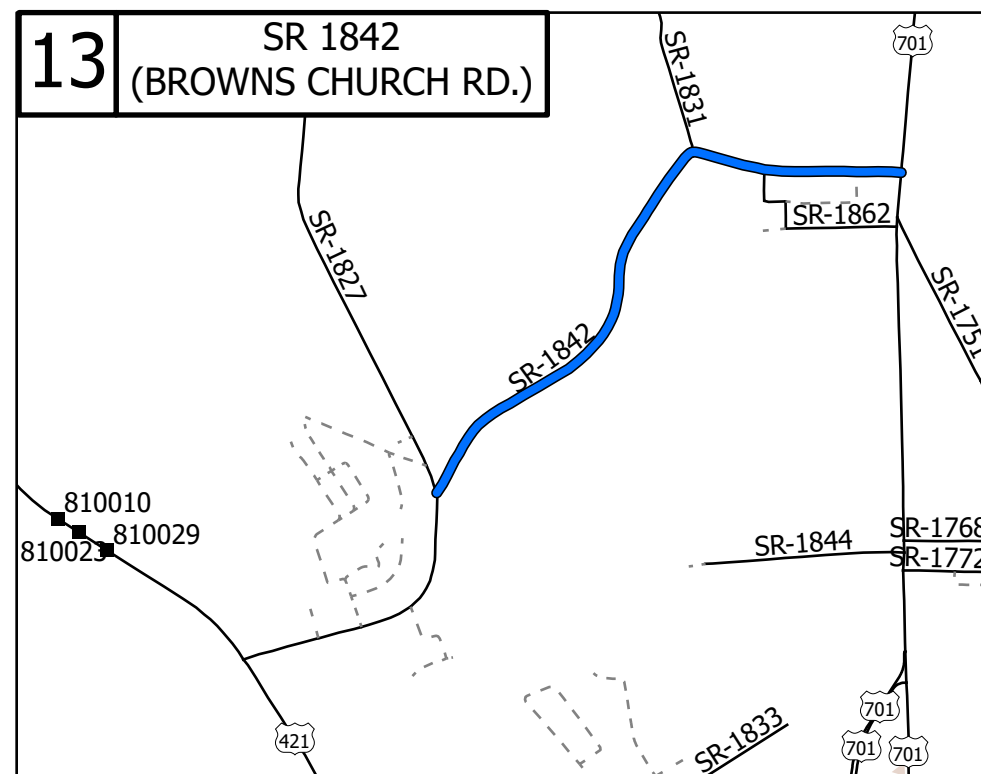
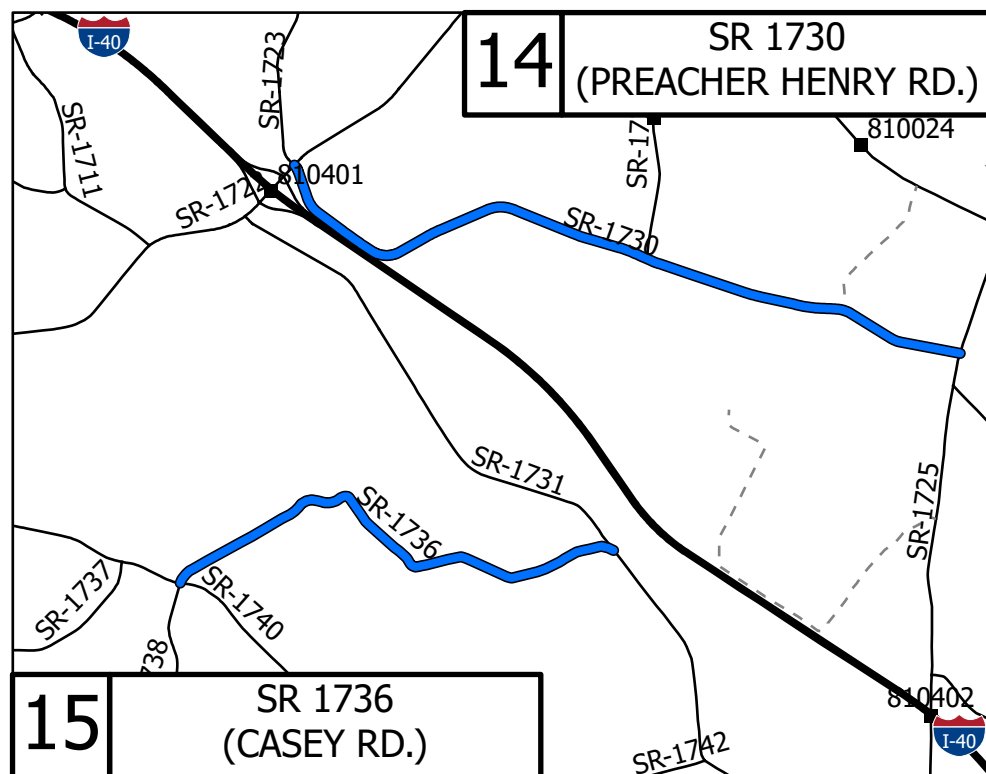
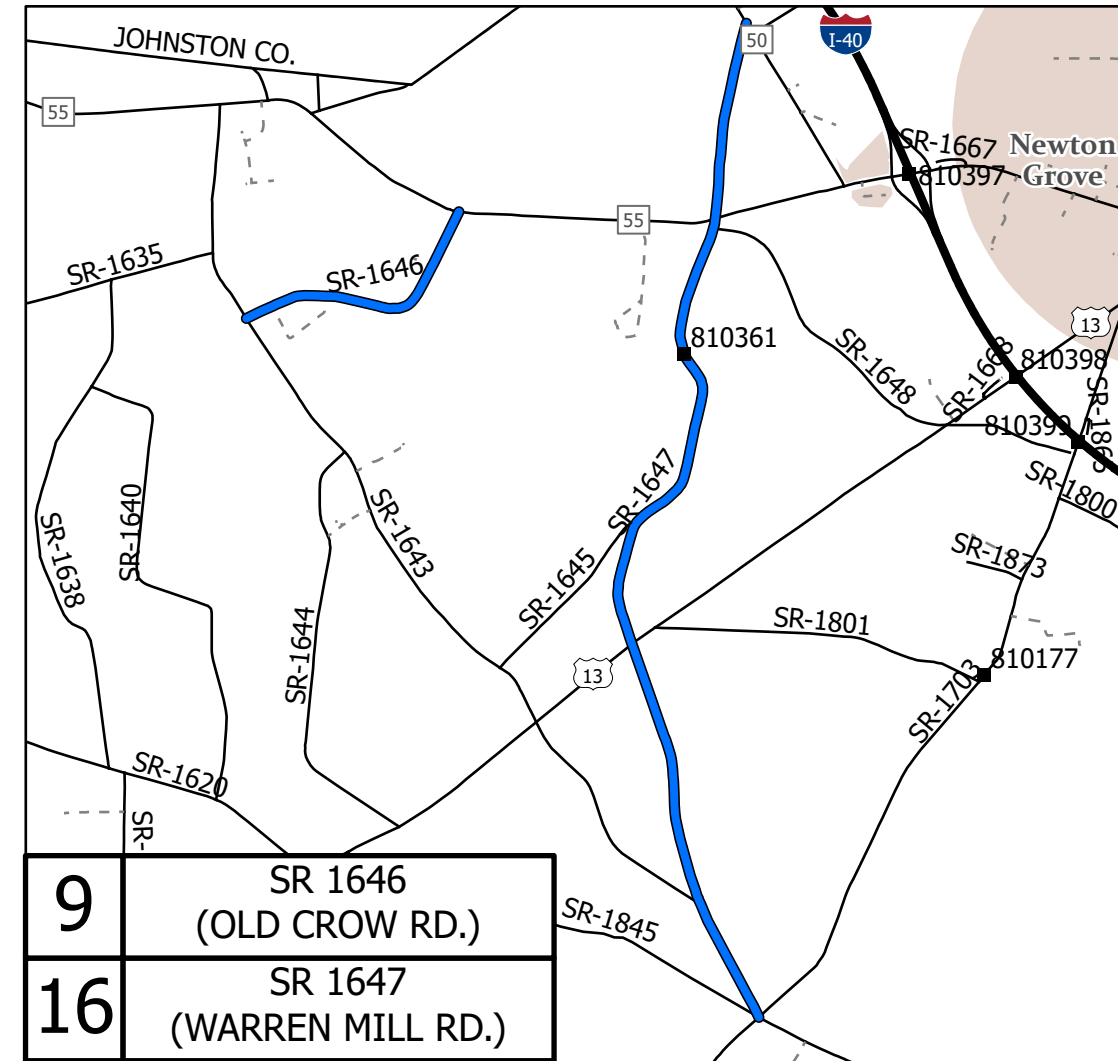


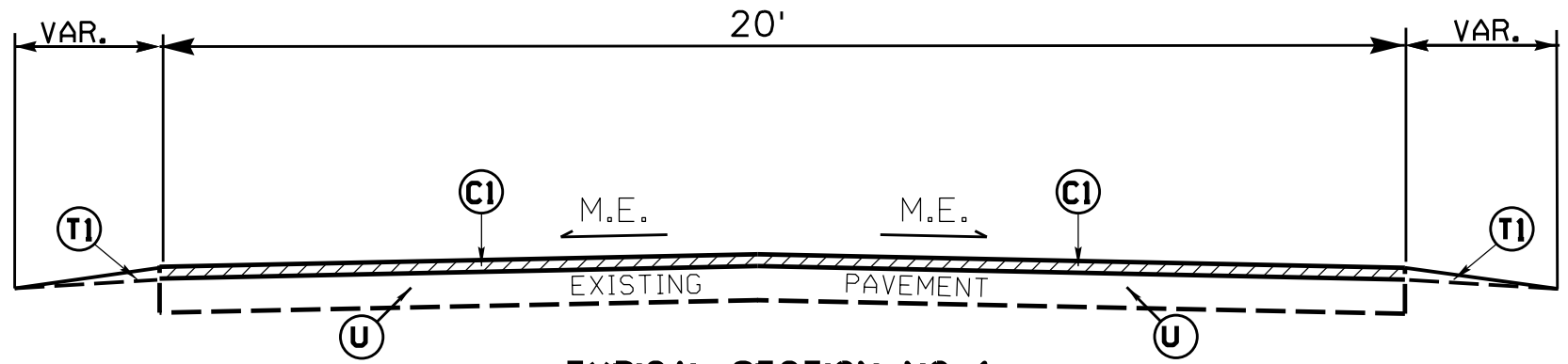
Sampson 8-9, 11-16

PROJECT REFERENCE NO.	SHEET NO.
2023CPT.03.11.10822, ETC	2



- Resurfacing Routes
- Preservation Routes
- - - NonSystem
- D3 Bridges





TYPICAL SECTION NO. 1

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1/2" DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ.YD.
C2	PROP. APPROX. 2" DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ.YD.
C3	PROP. APPROX. 2" DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 220 LBS. PER SQ.YD.
E1	PROP. APPROX. 5" DEPTH ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 570 LBS. PER SQ.YD.
T1	EARTH MATERIAL (SHOULDER RECONSTRUCTION)
U	EXISTING PAVEMENT
V1	2" MILLING

PAVEMENT EDGE SLOPES ARE 1:1, EXCEPT FINAL SURFACE COURSE. SEE SHOULDER WEDGE DETAIL.

NOTES: MILL A SINGLE LANE AND PAVE BACK BY THE END OF EACH WORK DAY.

(E1) STATE FORCES WILL MARK SPOT WIDENING LOCATIONS PRIOR TO RESURFACING MAP NO. 4.

STATE FORCES WILL MARK SHORT OVERLAYS FOR MAPS NO. 9 - 16.

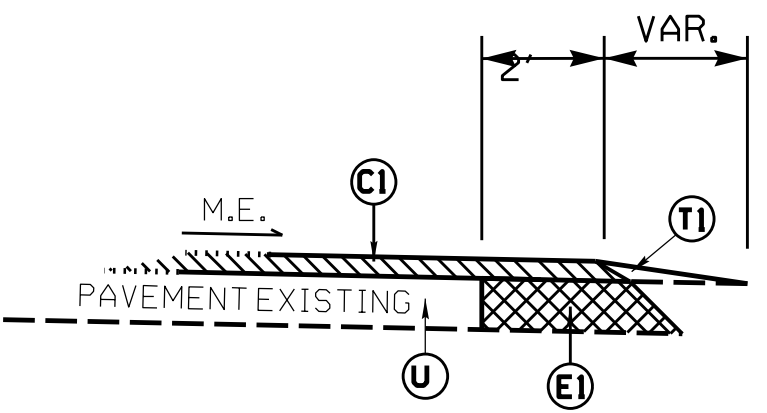
MAP NO. 4
SR 1150 (CARTERTOWN RD.)
MP 0.00 - MP 3.21

MAP NO. 5
SR 1701 (ALEX BENTON RD.)
MP 0.00 - MP 4.07

MAP NO. 6
SR 1710 (EMMET THORNTON RD.)
MP 0.00 - MP 0.57
MP 0.71 - MP 0.98
NO WORK ON BRIDGE NO. 213
MP 0.57 - MP 0.71

DETAIL OF 2' SYMMETRICAL WIDENING AREAS

MAP NO. 4
SR 1150 (CARTERTOWN RD.):
MP 0.00 - MP 0.01 (AT RADIUS)
MP 0.63 - MP 0.71
MP 2.85 - MP 2.86
MP 3.21 - MP 3.23 (AT RADIUS)



ASPHALT TREATMENT IS 1/2" S9.5B SHORT OVERLAY ONLY:

MAP NO. 9
SR 1646 (OLD CROW RD.)
MP 0.00 - MP 1.10

MAP NO. 10
SR 1700 (WATERSHED RD.)
MP 0.00 - MP 2.10

MAP NO. 11
SR 1744 (ASHFORD RD.)
MP 0.00 - MP 0.52

MAP NO. 12
SR 1428 (HOLLAND RD.)
MP 0.00 - MP 1.26

MAP NO. 13
SR 1842 (BROWNS CHURCH RD.)
MP 0.00 - MP 1.82

MAP NO. 14
SR 1730 (PREACHER HENRY RD.)
MP 0.00 - MP 4.00

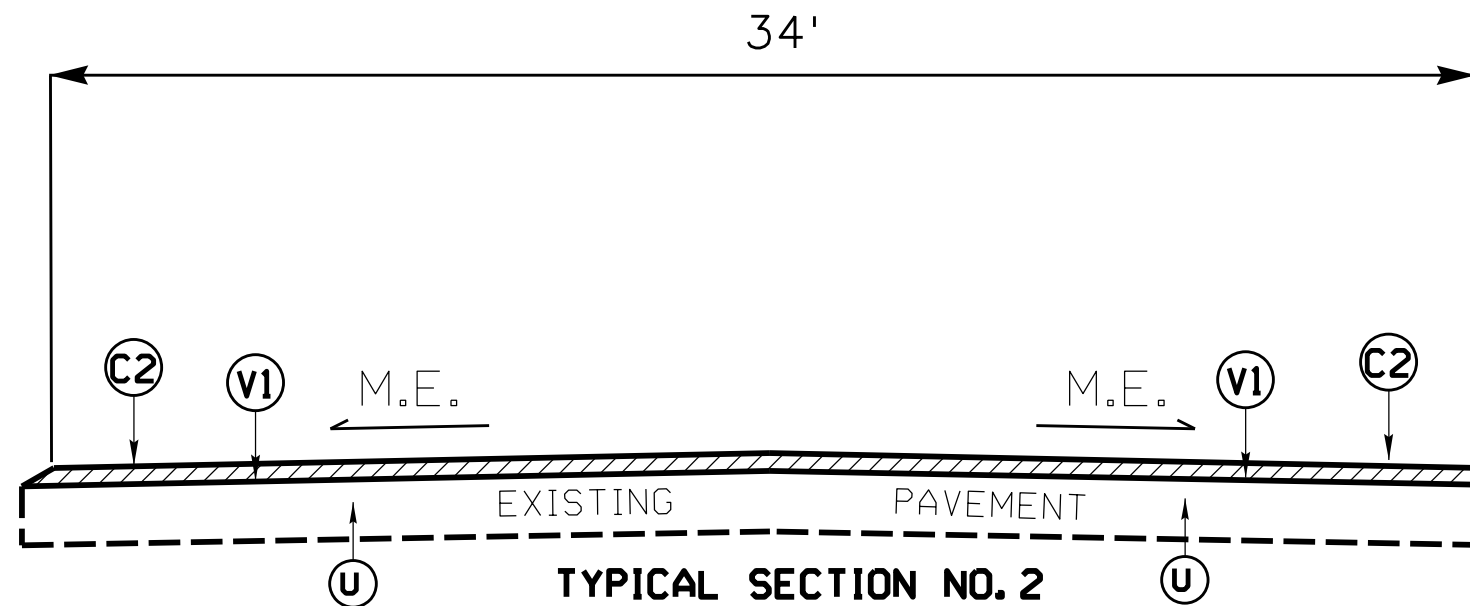
MAP NO. 15
SR 1736 (CASEY RD.)
MP 0.00 - MP 2.69

MAP NO. 16
SR 1647 (WARREN MILL RD.)
MP 0.00 - MP 1.35
MP 1.39 - MP 4.27
NO WORK DUE TO FLOOD PLAIN LOCATION
MP 1.35 - MP 1.39

REVISIONS

8/17/99

SYSTEMS DESIGN
NAME



TYPICAL SECTION NO. 2

MAP NO. 1
 US 701 S.
 MP 18.81 - MP 18.92

PAVEMENT SCHEDULE	
C2	2" S9.5C
C3	2" S9.5B
V1	2" MILLING
U	EXISTING PAVEMENT

PAVEMENT EDGE SLOPES ARE 1:1, EXCEPT FINAL SURFACE COURSE. SEE SHOULDER WEDGE DETAIL.

STATE FORCES WILL MARK 2' MILL & 2' FILL LOCATIONS ON MAP 2 & 3 AND MAP 7 & 8

S9.5C

MAP NO. 2
 NC 242 HWY.
 MP 5.21 - MP 5.23

MAP NO. 3
 NC 24 HWY.
 MP 22.12 - MP 22.18

S9.5B

MAP NO. 7
 SR 1241 (S. EAST ST.)
 MP 2.63 - MP 2.65

MAP NO. 8
 SR 1855 (WARSAW RD.)
 MP 0.50 - MP 0.80

2018 ROADWAY ENGLISH STANDARD DRAWINGS EFF. 01-16-2018 REV.

The following Roadway Standards as appear in "Roadway Standard Drawings" Highway Design Branch - N.C. Department of Transportation - Raleigh, N.C., Dated January, 2018 are applicable to this project and by reference hereby are considered a part of these plans:

STD. NO.	TITLE
DIVISION 6 - ASPHALT BASES AND PAVEMENTS	
665.01	Asphalt Shoulders - Milled Rumble Strips
DIVISION 12 - PVT MARKING, MARKERS AND DELINEATION	
1205.08	Pavement Markings - Symbols & Word Messages

REVISIONS

8/17/99

SYSTEMS DESIGN

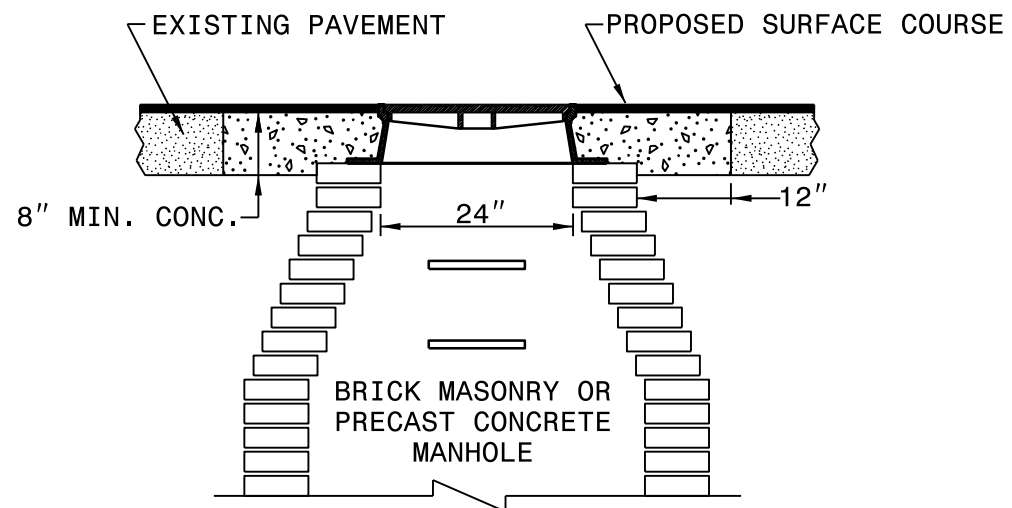
STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ENGLISH DETAIL DRAWING FOR
MANHOLE AND VALVE BOX ADJUSTMENTS

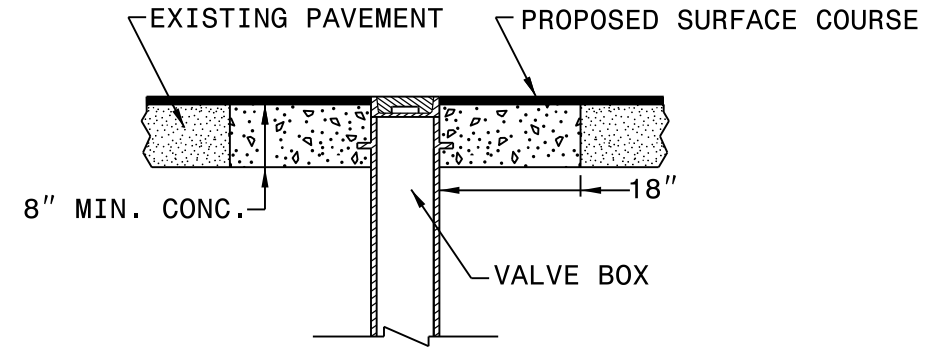
SHEET 1 OF 1
840D55

GENERAL NOTES:

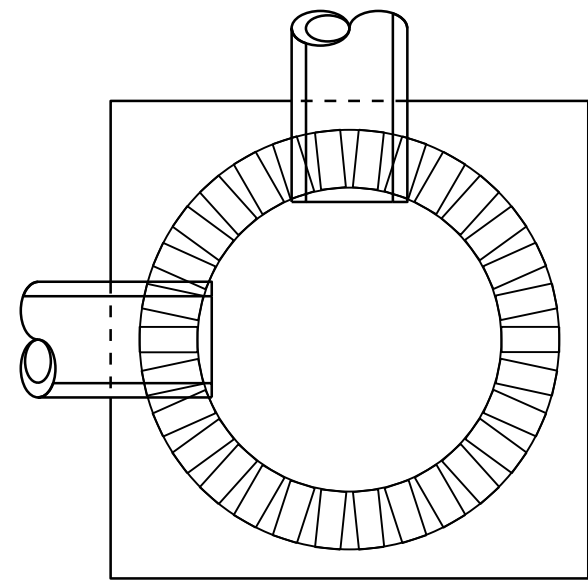
1. USE RAPID SET GROUT, MORTAR, OR CONCRETE THAT WILL TAKE FULL SET AND BECOME LOAD BEARING WITHIN SIXTY MINUTES OF PLACEMENT WITH A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI.
2. REMOVE ALL FAULTY EXISTING BRICKWORK AND REPLACE WITH NEW BRICK MASONRY.
3. SHEER CUT EXCAVATION FOR THE ADJUSTMENT ON ALL SIDES.
4. FILL AREA BELOW 8" DEPTH WITH 78M OR NO. 57 CLEAN STONE.
5. MIX MORTAR TO NCDOT SPECIFICATIONS.
6. MORTAR JOINTS $\frac{1}{2}$ " \pm $\frac{1}{8}$ "
7. CONSTRUCT AN ASPHALT RAMP IN ACCORDANCE WITH SECTION 858-3 OF THE 2018 STANDARD SPECIFICATIONS.



MANHOLE CONCRETE ENCASEMENT



VALVE BOX CONCRETE ENCASEMENT



ELEVATION VIEW

PLACE BRICK ACCORDING TO ELEVATION VIEW

SHEET 1 OF 1
840D55

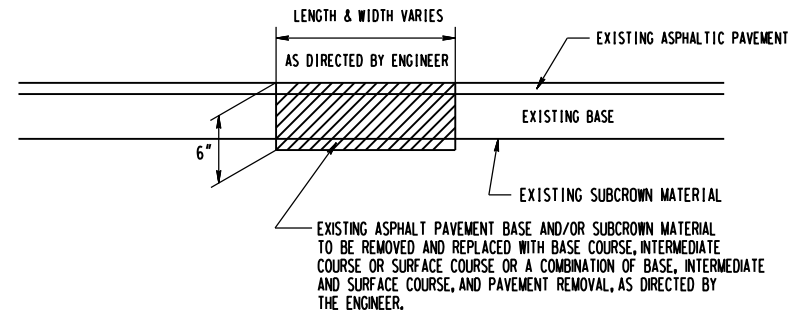
ENGLISH DETAIL DRAWING FOR
MANHOLE AND VALVE BOX ADJUSTMENTS

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

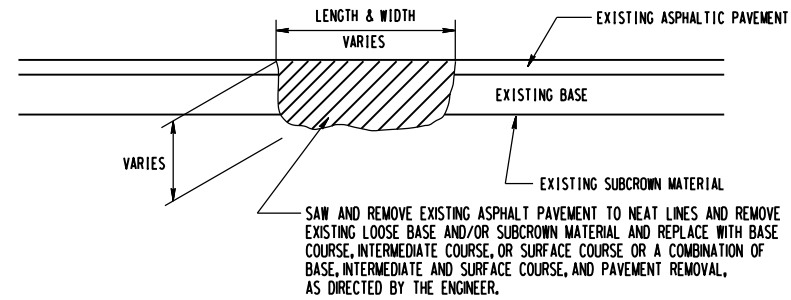
REVISIONS

28-NOV-2017 10:49
S:\Division Resurfacing\z Design Standards & CADD\CADD_Specs.Dwg\Tutorials_Curb, Etc.rxdgn
\$\$\$\$\$

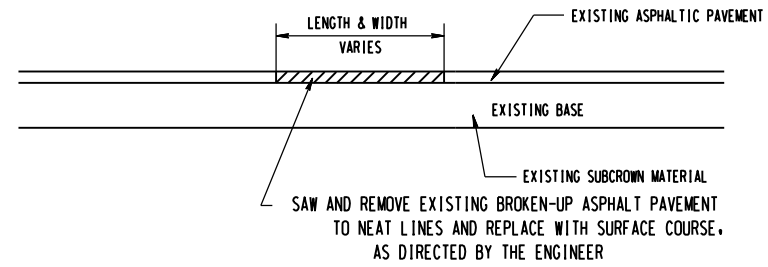
DETAILS OF REPAIRING EXISTING PAVEMENT PRIOR TO RESURFACING FOR FULL DEPTH AND MILLING



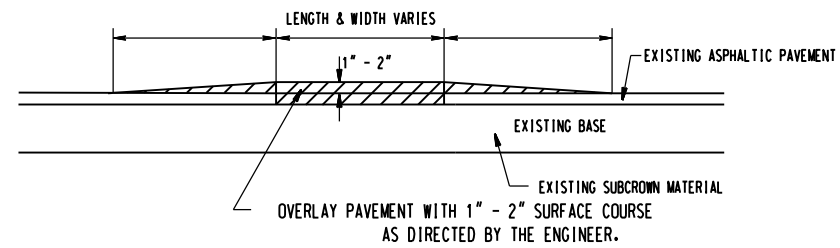
DETAIL NO. 1



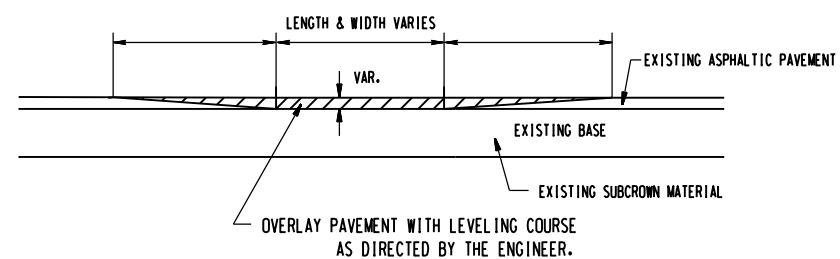
DETAIL NO. 2



DETAIL NO. 3



DETAIL NO. 4

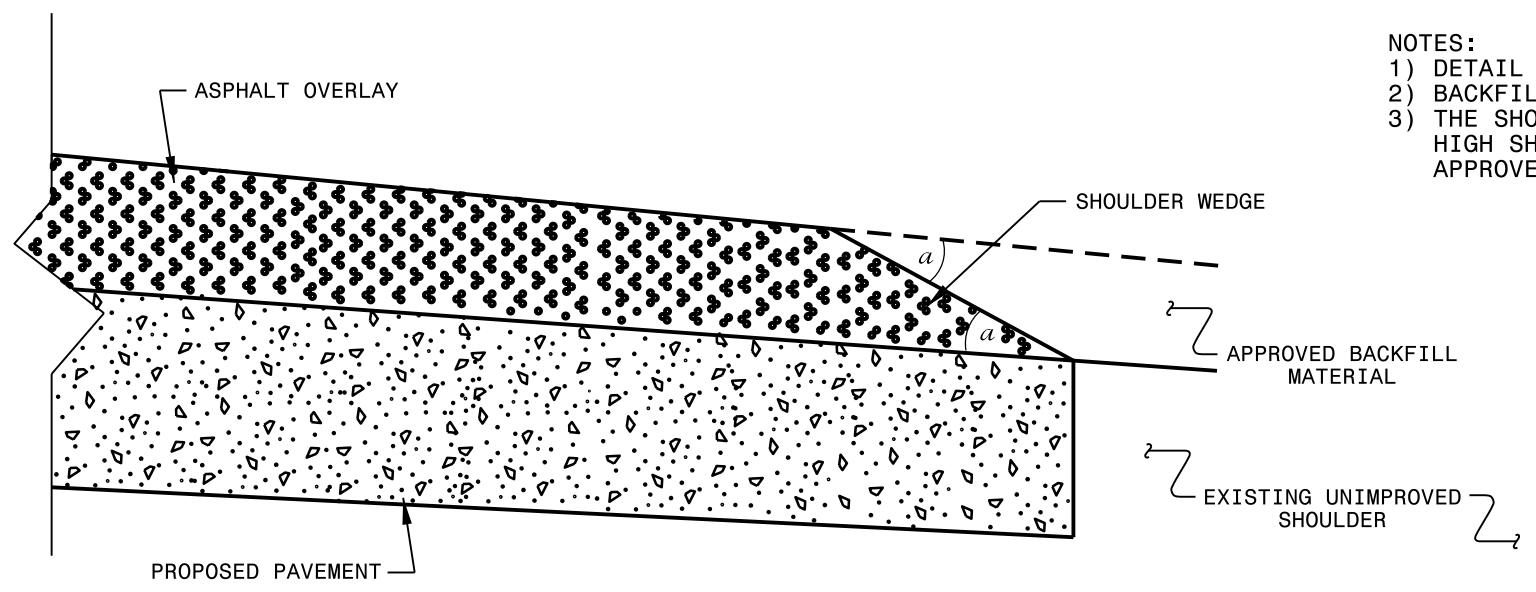


DETAIL NO. 5

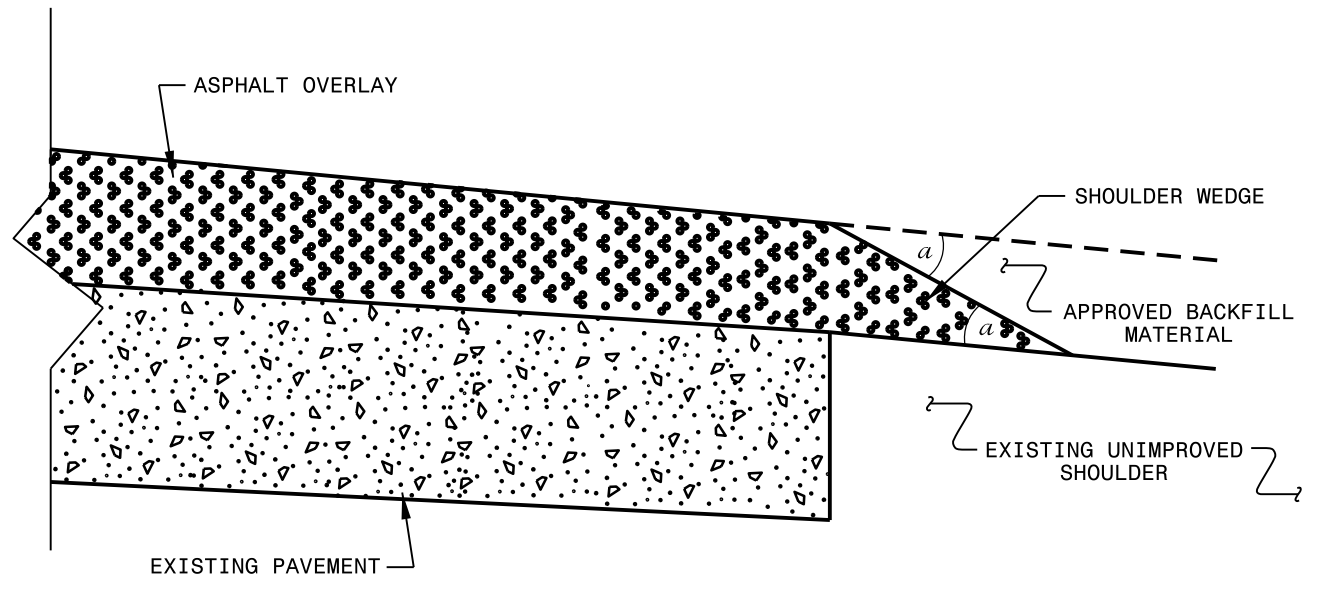
REVISIONS

20-APP-2015-1156
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 \$\$\$SUNRISE\$\$\$

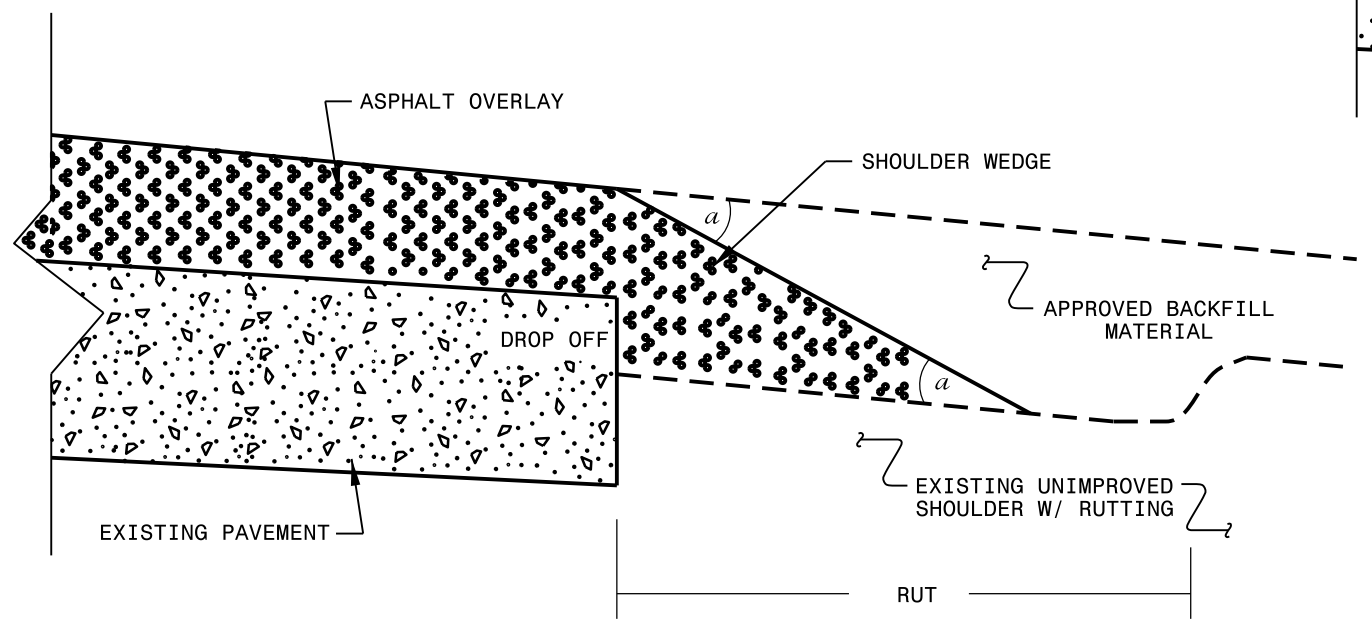
- NOTES:
- 1) DETAIL DOES NOT APPLY TO OGAFC AND ULTRA-THIN BONDED WEARING COURSE.
 - 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
 - 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS, SIDE STREETS, HIGH SHOULDERS, AND OTHER LOCATIONS NOT FEASIBLE TO CONSTRUCT AS APPROVED BY THE ENGINEER.



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\details\stand\shoulderwedgedetail.dgn		

27 JUN 2018 13:22
 3:\Sampson August 2018\Revised Shoulder Wedge Detail.dgn
 P:\porter_41_CSD_20180625.dgn

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

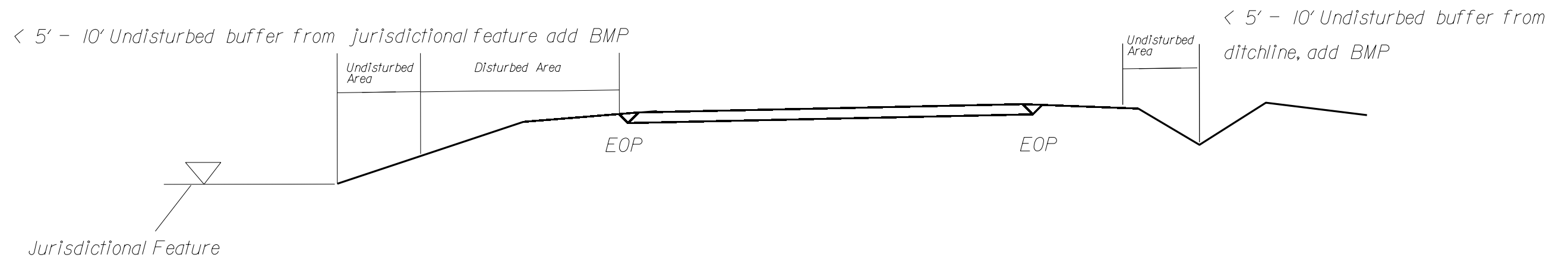
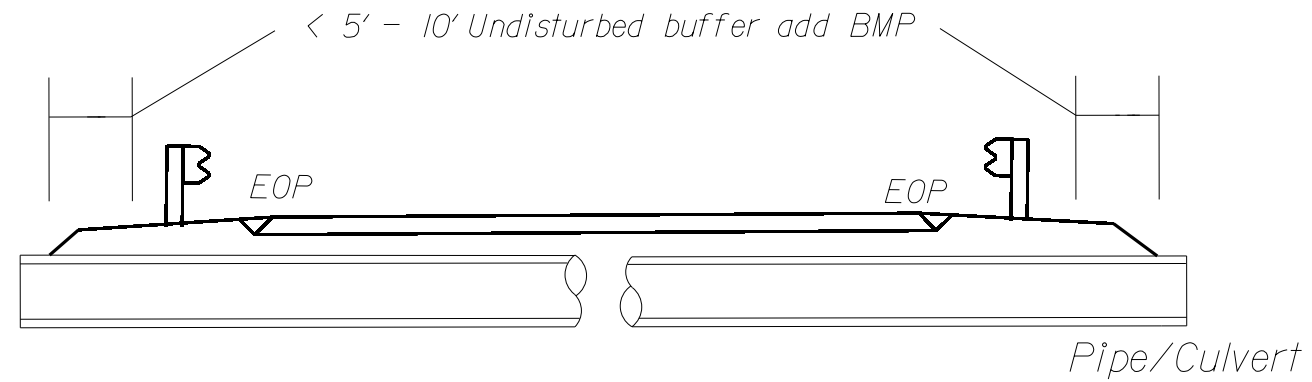
SOIL STABILIZATION TIMEFRAMES

<i>SITE DESCRIPTION</i>	<i>STABILIZATION TIME</i>	<i>TIMEFRAME EXCEPTIONS</i>
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.

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

BMP Options: Wattle or Silt Fence

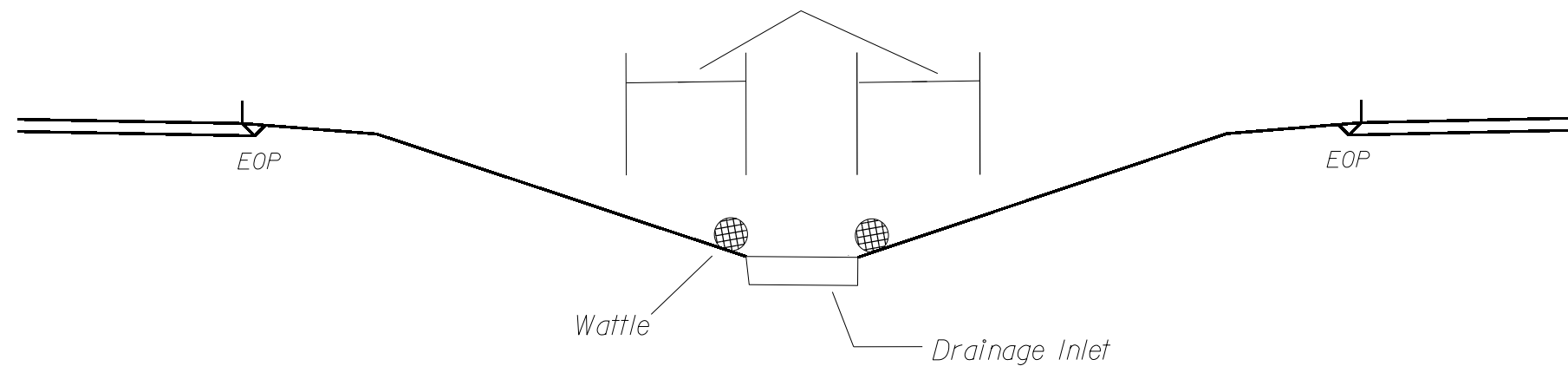
EROSION CONTROL DETAIL



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

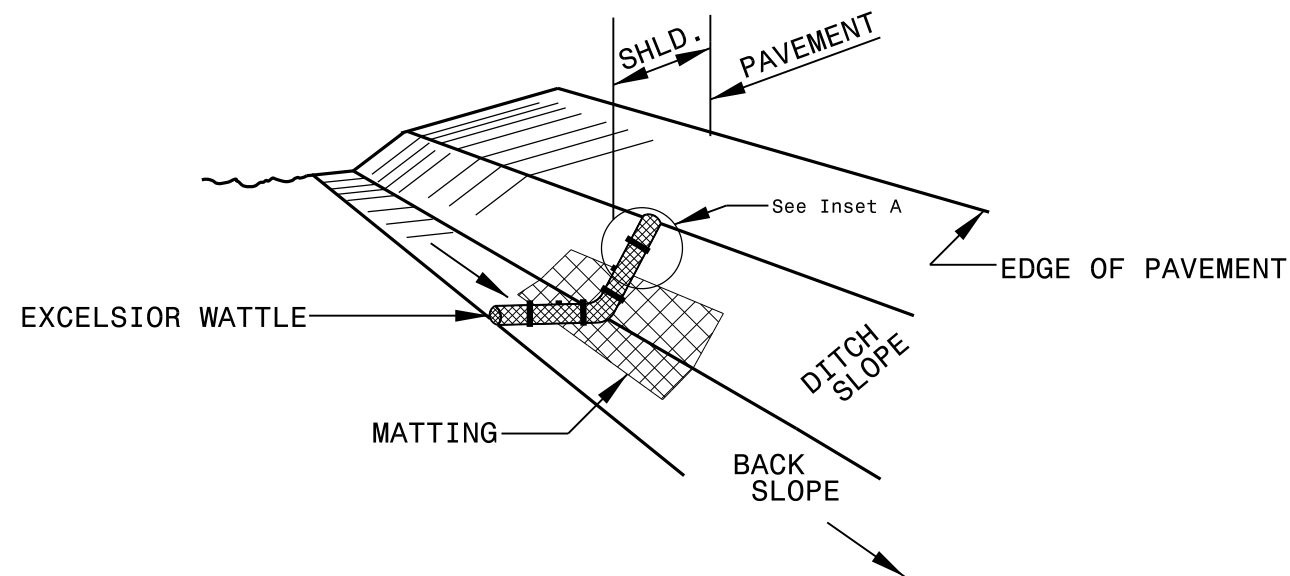


< 5' - 10' Undisturbed buffer from inlet, add wattle

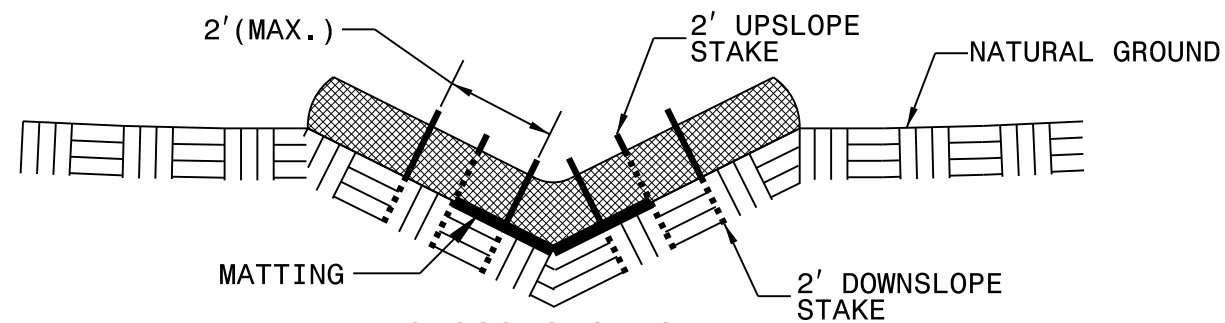


NOT TO SCALE

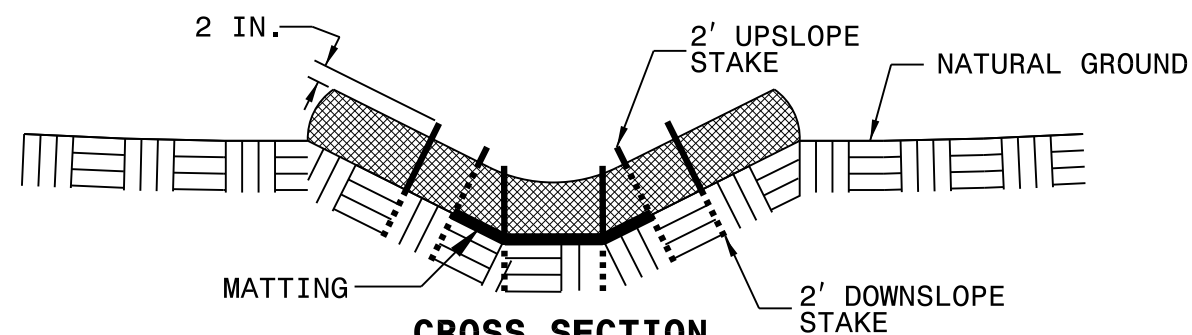
WATTLE DETAIL



ISOMETRIC VIEW



CROSS SECTION VEE DITCH



CROSS SECTION TRAPEZOIDAL DITCH

NOTES:

USE MINIMUM 12 IN. DIAMETER EXCELSIOR WATTLE.

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

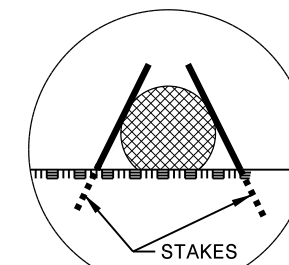
ONLY INSTALL WATTLE(S) TO A HEIGHT IN DITCH SO FLOW WILL NOT WASH AROUND WATTLE AND SCOUR DITCH SLOPES AND AS DIRECTED.

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

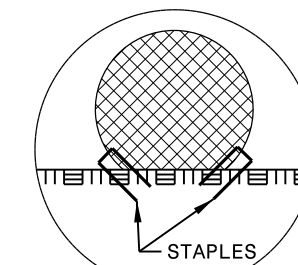
PROVIDE STAPLES MADE OF 0.125 IN. DIAMETER STEEL WIRE FORMED INTO A U SHAPE NOT LESS THAN 12" IN LENGTH.

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

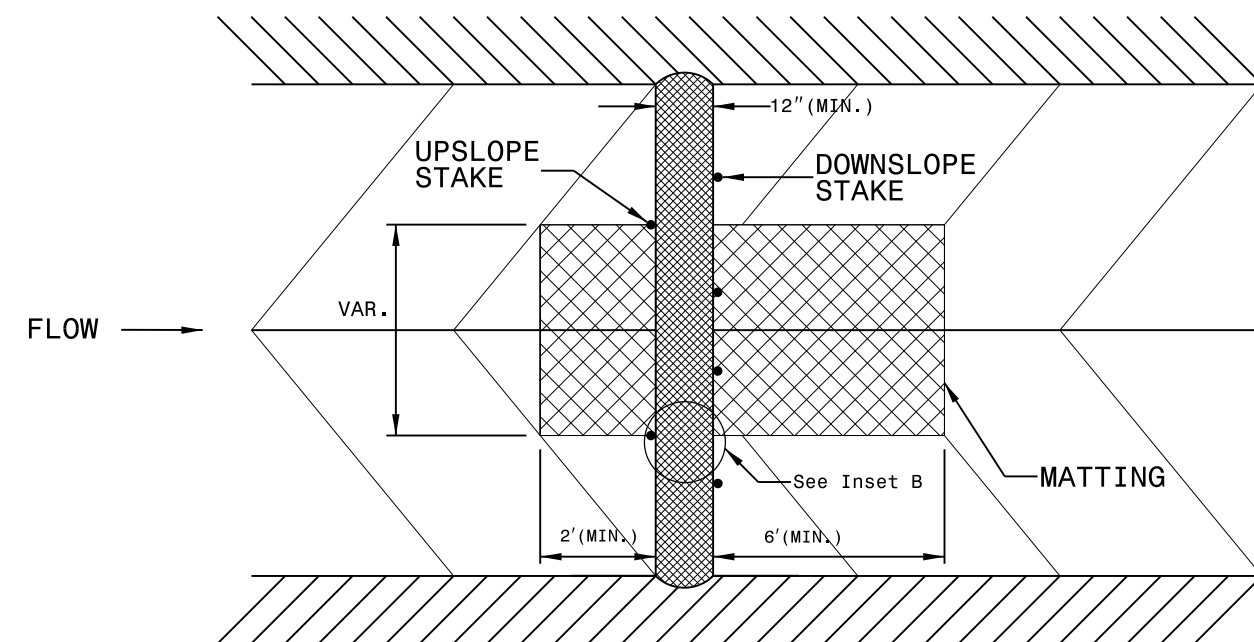
INSTALL MATTING IN ACCORDANCE WITH SECTION 1631 OF THE STANDARD SPECIFICATIONS.



INSET A



INSET B



TOP VIEW

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	0234000000-E	0264000000-E	1220000000-E	1297000000-E	1330000000-E	1491000000-E	1519000000-E	1520000000-E	1523000000-E	1575000000-E	1705000000-E						
												BORROW EXCAVATION (STATE FURNISHED SOURCES)	SHOULDER RECONSTRUCTION (STATE FURNISHED BORROW)	INCIDENTAL STONE BASE	2" MILLING	INCIDENTAL MILLING	BASE COURSE, B25.0C	SURFACE COURSE, S9.5B	SURFACE COURSE, S9.5B SHORT OVERLAY	LEVELING COURSE, S9.5B	SURFACE COURSE, S9.5C	ASPHALT BINDER FOR PLANT MIX	PATCHING EXISTING PAVEMENT (FULL DEPTH)					
												MI	FT	CY	SMI	TON	SY	SY	TONS	TON	TON	TON	TON	TON				
2023CPT.03.11.10822	Sampson	1	US-701 S	FROM BRIDGE 0048 TO BRIDGE 0046 [MP 18081 - MP 18.93]	2	2	2WU	NO	NO	0.12	34				2,593					290	17							
TOTAL FOR MAP NO. 1												0.12					2,593					290	17					
2023CPT.03.11.10822	Sampson	2	NC-242	FROM SR 1290 (W. ROSEBORO ST.) TO .02 MI. N. OF SR 1290 (W. ROSEBORO ST.) [MP 5.21 - MP 5.23]	2	2	2WU	NO	NO	0.02	40				870					100	6							
TOTAL FOR MAP NO. 2												0.02					870					100	6					
2023CPT.03.11.10822	Sampson	3	NC-24	FROM US 701 BUS. TO .06 MI. E. OF US 701 BUS. [MP 22.12 - MP 22.18]	2	2	2WU	NO	NO	0.06	24				500					60	4							
TOTAL FOR MAP NO. 3												0.06					500					60	4					
TOTAL FOR PROJ NO. 2023CPT.03.11.10822												0.2					3,963					450	27					
2023CPT.03.11.20821	Sampson	4	SR-1150 / CARTERTOWN RD	FROM SR 1116 (PEARSON RD.) TO SR 1147 (E. MOUNT GILEAD CHURCH RD.) [MP 0.00 - MP 3.21]	1	2	2WU	NO	NO	3.21	20	589	6	104		281	31	3,299			230	40						
TOTAL FOR MAP NO. 4												3.21					589	6	104		281	31	3,299			230	40	
2023CPT.03.11.20821	Sampson	5	SR-1701 / ALEX BENTON RD	FROM US 701 TO SR 1700 (WATERSHED RD.) [MP 0.00 - MP 4.07]	1	2	2WU	NO	NO	4.07	20	623	8	126		506		4,274	20		329							
TOTAL FOR MAP NO. 5												4.07					623	8	126		506		4,274	20		329		
2023CPT.03.11.20821	Sampson	6	SR-1710 / EMMET THORNTON RD	FROM NC 55 TO SR 1711 (WILLIAM KING RD.) [MP 0.00 - MP 0.98]	1	2	2WU	NO	NO	0.98	20	150	2	20		224		772			53							
TOTAL FOR MAP NO. 6												0.98					150	2	20		224		772			53		
TOTAL FOR PROJ NO. 2023CPT.03.11.20821												8.26					1,362	16	250		1,011	31	8,345	20		612	40	
2023CPT.03.11.20822	Sampson	7	SR-1241 / S EAST ST	FROM .02 MI. S OF SR 1290 (W ROSEBORO ST.) TO SR 1290 (W ROSEBORO ST.) [MP 2.63 - MP 2.65]	2	2	2WU	NO	NO	0.02	28				329			38			3							
TOTAL FOR MAP NO. 7												0.02					329				38					3		
2023CPT.03.11.20822	Sampson	8	SR-1855 / WARSAW RD	FROM .06 MI. S OF SR 1856 (COLLEGE ST.) TO SR 1275 (E. MORISEY BLVD.) [MP 0.50 - MP 0.80]	2	2	2WU	NO	NO	0.3	40				3,907			443			30							
TOTAL FOR MAP NO. 8												0.3					3,907				443					30		
2023CPT.03.11.20822	Sampson	9	SR-1646 / OLD CROW RD	FROM NC 55 (HARNETT/DUNN HWY.) TO SR 1643 (OAK GROVE CHURCH RD.) [MP 0.00 - MP 1.10]	3	2	2WU	NO	NO	1.1	20									688		46						
TOTAL FOR MAP NO. 9												1.1														688		46
2023CPT.03.11.20822	Sampson	10	SR-1700 / WATERSHED RD	FROM JOHNSTON CO. LINE TO US 701(SMITHFIELD HWY.) [MP 0.00 - MP 2.10]	3	2	2WU	NO	NO	2.1	20									540		36						
TOTAL FOR MAP NO. 10												2.1														540		36
2023CPT.03.11.20822	Sampson	11	SR-1744 / ASHFORD RD	FROM SR 1746 (KEENER RD.) TO SR 1743 (ENOCH RD.) [MP 0.00 - MP 0.52]	3	2	2WU	NO	NO	0.52	20									464		31						
TOTAL FOR MAP NO. 11												0.52														464		31
2023CPT.03.11.20822	Sampson	12	SR-1428 / HOLLAND RD	FROM SR 1425 (SIVERTSEN RD.) TO SR 1421 (LIBBIE RD.) [MP 0.00 - MP 1.44]	3	2	2WU	NO	NO	1.44	20									436		29						
TOTAL FOR MAP NO. 12												1.44														436		29
2023CPT.03.11.20822	Sampson	13	SR-1842 / BROWNS CHURCH RD	FROM US 701 (HOBBDON HWY.) TO SR 1827 (BASSTOWN RD.) [MP 0.00 - MP 1.82]	3	2	2WU	NO	NO	1.82	20									498		33						
TOTAL FOR MAP NO. 13												1.82														498		33

PROJECT NO.	SHEET NO.
2023CPT.03.11.10822, Etc.	9

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	0234000000-E	0264000000-E	1220000000-E	1297000000-E	1330000000-E	1491000000-E	1519000000-E		1520000000-E	1523000000-E	1575000000-E	1705000000-E		
												BORROW EXCAVATION (STATE FURNISHED SOURCES)	SHOULDER RECONSTRUCTION (STATE FURNISHED BORROW)	INCIDENTAL STONE BASE	2" MILLING	INCIDENTAL MILLING	BASE COURSE, B25.0C	SURFACE COURSE, S9.5B	SURFACE COURSE, S9.5B SHORT OVERLAY	LEVELING COURSE, S9.5B	SURFACE COURSE, S9.5C	ASPHALT BINDER FOR PLANT MIX	PATCHING EXISTING PAVEMENT (FULL DEPTH)		
												MI	FT	CY	SMI	TON	SY	SY	TONS	TON	TON	TON	TON	TON	TON
2023CPT.03.11.20822	Sampson	14	SR-1730 / PREACHER HENRY RD	FROM SR 1722 (SUTTONTOWN RD.) TO SR 1725 (GIDDENSVILLE RD.) [MP 0.00 - MP 4.00]	3	2	2WU	NO	NO	4	20								803			54			
TOTAL FOR MAP NO. 14												4								803			54		
2023CPT.03.11.20822	Sampson	15	SR-1736 / CASEY RD	FROM SR 1740 (W. DARDEN RD.) TO SR 1731 (GOSHEN CHURCH RD.) [MP 0.00 - MP 2.69]	3	2	2WU	NO	NO	2.69	20								996			67			
TOTAL FOR MAP NO. 15												2.69								996			67		
2023CPT.03.11.20822	Sampson	16	SR-1647 / WARREN MILL RD	FROM NC 50 (HARNETT/DUNN HWY.) TO SR 1845 (ROSIN HILL RD.) [MP 0.00 - MP 4.27]	3	2	2WU	NO	NO	4.27	20								407			27			
TOTAL FOR MAP NO. 16												4.27								407			27		
TOTAL FOR PROJ NO. 2023CPT.03.11.20822												18.26					4,236			481	4,832			356	
TOTAL FOR PROJ NO. 2023CPT.03.11.20822																				5,313					
GRAND TOTAL												26.72		1,362	16	250	8,199	1,011	31	8,826	4,832	20	450	995	40
GRAND TOTAL																				13,658					

PROJECT NO.	SHEET NO.
2023CPT.03.11.10822, Etc.	11

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	1705500000-E	1840000000-E	2830000000-N	2845000000-N	6000000000-E	6009000000-E	6012000000-E	6015000000-E	6018000000-E	6021000000-E	6036000000-E		
												PATCHING EXISTING PAVEMENT (MILL)	MILLED RUMBLE STRIPS	ADJUSTMENT OF MANHOLES	ADJUSTMENT OF METER OR VALVE BOX	TEMPORARY SILT FENCE	STONE FOR EC CLASS B	SEDIMENT CONTROL STONE	TEMPORARY MULCHING	SEED FOR TEMPORARY SEEDING	FERTILIZER FOR TEMPORARY SEEDING	MATting FOR EROSION CONTROL		
												MI	FT	TON	LF	EA	EA	LF	TON	TON	ACR	LBS	TON	SY
2023CPT.03.11.20822	Sampson	14	SR-1730 / PREACHER HENRY RD	FROM SR 1722 (SUTTONTOWN RD.) TO SR 1725 (GIDDENVILLE RD.) [MP 0.00 - MP 4.00]	3	2	2WU	NO	NO	4	20													
TOTAL FOR MAP NO. 14										4														
2023CPT.03.11.20822	Sampson	15	SR-1736 / CASEY RD	FROM SR 1740 (W. DARDEN RD.) TO SR 1731 (GOSHEN CHURCH RD.) [MP 0.00 - MP 2.69]	3	2	2WU	NO	NO	2.69	20													
TOTAL FOR MAP NO. 15										2.69														
2023CPT.03.11.20822	Sampson	16	SR-1647 / WARREN MILL RD	FROM NC 50 (HARNETT/DUNN HWY.) TO SR 1845 (ROSIN HILL RD.) [MP 0.00 - MP 4.27]	3	2	2WU	NO	NO	4.27	20													
TOTAL FOR MAP NO. 16										4.27														
TOTAL FOR PROJ NO. 2023CPT.03.11.20822										18.26														
GRAND TOTAL										26.72		1,000	1,373	1	2	812	203	203	8.12	611	2.03	60		

PROJECT NO.	SHEET NO.
2023CPT.03.11.10822, Etc.	13

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	604200000-E	6071010000-E	6084000000-E	6090000000-E	6093000000-E	6117000000-N	7444000000-E		
												1/4" HARDWARE CLOTH	WATTLE	SEED & MULCHING	SEED FOR REPAIR SEEDING	FERTILIZER FOR REPAIR SEEDING	RESPONSE FOR EROSION CONTROL	INDUCTIVE LOOP SAWCUT		
												MI	FT	LF	LF	AC	LB	TON	EA	LF
2023CPT.03.11.20822	Sampson	14	SR-1730 / PREACHER HENRY RD	FROM SR 1722 (SUTTONTOWN RD.) TO SR 1725 (GIDDENSVILLE RD.) [MP 0.00 - MP 4.00]	3	2	2WU	NO	NO	4	20									
TOTAL FOR MAP NO. 14												4								
2023CPT.03.11.20822	Sampson	15	SR-1736 / CASEY RD	FROM SR 1740 (W. DARDEN RD.) TO SR 1731 (GOSHEN CHURCH RD.) [MP 0.00 - MP 2.69]	3	2	2WU	NO	NO	2.69	20									
TOTAL FOR MAP NO. 15												2.69								
2023CPT.03.11.20822	Sampson	16	SR-1647 / WARREN MILL RD	FROM NC 50 (HARNETT/DUNN HWY.) TO SR 1845 (ROSIN HILL RD.) [MP 0.00 - MP 4.27]	3	2	2WU	NO	NO	4.27	20									
TOTAL FOR MAP NO. 16												4.27								
TOTAL FOR PROJ NO. 2023CPT.03.11.20822												18.26								
GRAND TOTAL												26.72		411	140	7.87	611	2.03	16	250

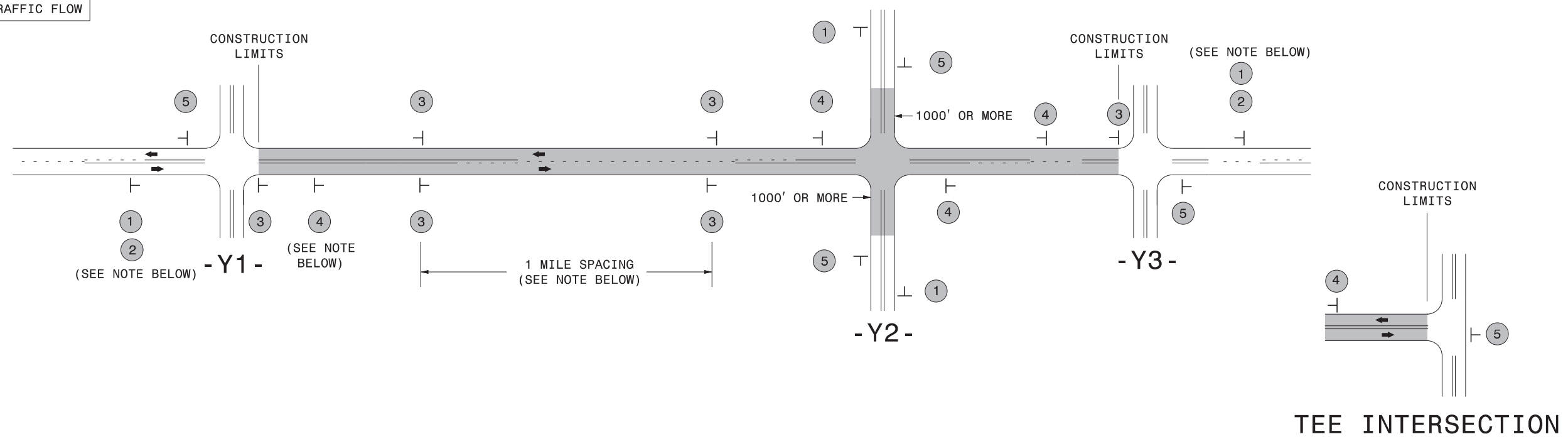
PROJECT NO.	SHEET NO.
2023CPT.03.11.10822, Etc.	14

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	441300000-E WORK ZONE ADVANCE/GE NERAL WARNING SIGNING	445700000-N TEMPORARY TRAFFIC CONTROL	451000000-N LAW ENFORCEMEN T	468500000-E			470900000-E	481000000-E				482000000-E	483500000-E	490000000-N	490510000-N	
													4" X 90 M YELLOW THERMO	4" X 90 M WHITE THERMO	8" X 90 M WHITE THERMO	THERMOPLAS TIC PAVEMENT MARKING LINES (24" X 90 MILS)	4" YELLOW PAINT	4" WHITE PAINT	8" WHITE PAINT	24" WHITE PAINT	YELLOW & YELLOW MARKERS	NON CAST IRON SNOWPLOWA BLE MARKERS (C/R)	NON CAST IRON SNOWPLOWA BLE MARKERS (Y/Y)		
								MI	FT	SF	LS	HR	LF	LF	LF	LF	LF	LF	LF	EA	EA	EA			
2023CPT.03.11.10822	Sampson	1	US-701 S	FROM BRIDGE 0048 TO BRIDGE 0046 [MP 18081 - MP 18.93]	2	2	2WU	0.12	34		0.01		686	858								9			
TOTAL FOR MAP NO. 1									0.12		0.01		686	858								9			
2023CPT.03.11.10822	Sampson	2	NC-242	FROM SR 1290 (W. ROSEBORO ST.) TO .02 MI. N. OF SR 1290 (W. ROSEBORO ST.) [MP 5.21 - MP 5.23]	2	2	2WU	0.02	40		0.01		450	50	270	30							3		
TOTAL FOR MAP NO. 2									0.02		0.01		450	50	270	30							3		
2023CPT.03.11.10822	Sampson	3	NC-24	FROM US 701 BUS. TO .06 MI. E. OF US 701 BUS. [MP 22.12 - MP 22.18]	2	2	2WU	0.06	24		0.01	40	380	120		40						3	3		
TOTAL FOR MAP NO. 3									0.06		0.01	40	380	120	40							3	3		
TOTAL FOR PROJ NO. 2023CPT.03.11.10822									0.2		0.03	40	1,516	1,028	270	70						12	6		
													2,544											18	
2023CPT.03.11.20821	Sampson	4	SR-1150 / CARTERTOWN RD	FROM SR 1116 (PEARSON RD.) TO SR 1147 (E. MOUNT GILEAD CHURCH RD.) [MP 0.00 - MP 3.21]	1	2	2WU	3.21	20	368	0.12		12,353	34,540								210			
TOTAL FOR MAP NO. 4									3.21		0.12		12,353	34,540								210			
2023CPT.03.11.20821	Sampson	5	SR-1701 / ALEX BENTON RD	FROM US 701 TO SR 1700 (WATERSHED RD.) [MP 0.00 - MP 4.07]	1	2	2WU	4.07	20	464	0.14		20,933	43,793								265			
TOTAL FOR MAP NO. 5									4.07		0.14		20,933	43,793								265			
2023CPT.03.11.20821	Sampson	6	SR-1710 / EMMET THORNTON RD	FROM NC 55 TO SR 1711 (WILLIAM KING RD.) [MP 0.00 - MP 0.98]	1	2	2WU	0.98	20		0.01		6,294	9,545								56			
TOTAL FOR MAP NO. 6									0.98		0.01		6,294	9,545								56			
TOTAL FOR PROJ NO. 2023CPT.03.11.20821									8.26		0.27		39,580	87,878								531			
													127,458												
2023CPT.03.11.20822	Sampson	7	SR-1241 / S EAST ST	FROM .02 MI. S OF SR 1290 (W. ROSEBORO ST.) TO SR 1290 (W. ROSEBORO ST.) [MP 2.63 - MP 2.65]	3	2	2WU	0.02	28		0.01						280	280	40	24					
TOTAL FOR MAP NO. 7									0.02		0.01					280	280	40	24						
2023CPT.03.11.20822	Sampson	8	SR-1855 / WARSAW RD	FROM .06 MI. S OF SR 1856 (COLLEGE ST.) TO SR 1275 (E. MORISEY BLVD.) [MP 0.50 - MP 0.80]	3	2	2WU	0.3	40		0.01						6,336	6,336			20				
TOTAL FOR MAP NO. 8									0.3		0.01					6,336	6,336			20					
2023CPT.03.11.20822	Sampson	9	SR-1646 / OLD CROW RD	FROM NC 55 (HARNETT/DUNN HWY.) TO SR 1643 (OAK GROVE CHURCH RD.) [MP 0.00 - MP 1.10]		2	2WU	1.1	20		0.05						14,784	14,784			95				
TOTAL FOR MAP NO. 9									1.1		0.05					14,784	14,784			95					
2023CPT.03.11.20822	Sampson	10	SR-1700 / WATERSHED RD	FROM JOHNSTON CO. LINE TO US 701 (SMITHFIELD HWY.) [MP 0.00 - MP 2.10]		2	2WU	2.1	20		0.08						12,672	12,672			80				
TOTAL FOR MAP NO. 10									2.1		0.08					12,672	12,672			80					
2023CPT.03.11.20822	Sampson	11	SR-1744 / ASHFORD RD	FROM SR 1746 (KEENER RD.) TO SR 1743 (ENOCH RD.) [MP 0.00 - MP 0.52]		2	2WU	0.52	20		0.03						11,190	11,190			35				
TOTAL FOR MAP NO. 11									0.52		0.03					11,190	11,190			35					
2023CPT.03.11.20822	Sampson	12	SR-1428 / HOLLAND RD	FROM SR 1425 (SIVERTSEN RD.) TO SR 1421 (LIBBIE RD.) [MP 0.00 - MP 1.44]		2	2WU	1.44	20		0.06						9,941	9,941			32				
TOTAL FOR MAP NO. 12									1.44		0.06					9,941	9,941			32					
2023CPT.03.11.20822	Sampson	13	SR-1842 / BROWNS CHURCH RD	FROM US 701 (HOBSTON HWY.) TO SR 1827 (BASSTOWN RD.) [MP 0.00 - MP 1.82]		2	2WU	1.82	20	304	0.09						8,477	8,477			35				
TOTAL FOR MAP NO. 13									1.82	304	0.09					8,477	8,477			35					
2023CPT.03.11.20822	Sampson	14	SR-1730 / PREACHER HENRY RD	FROM SR 1722 (SUTTONTOWN RD.) TO SR 1725 (GIDDENSVILLE RD.) [MP 0.00 - MP 4.00]		2	2WU	4	20	448	0.14						18,166	18,166			57				
TOTAL FOR MAP NO. 14									4	448	0.14					18,166	18,166			57					
2023CPT.03.11.20822	Sampson	15	SR-1736 / CASEY RD	FROM SR 1740 (W. DARDEN RD.) TO SR 1731 (GOSHEN CHURCH RD.) [MP 0.00 - MP 2.69]		2	2WU	2.69	20	304	0.09						22,176	22,176			70				
TOTAL FOR MAP NO. 15									2.69	304	0.09					22,176	22,176			70					
2023CPT.03.11.20822	Sampson	16	SR-1647 / WARREN MILL RD	FROM NC 50 (HARNETT/DUNN HWY.) TO SR 1845 (ROSIN HILL RD.) [MP 0.00 - MP 4.27]		2	2WU	4.27	20	480	0.14						9,329	9,329			30				
TOTAL FOR MAP NO. 16									4.27	480	0.140					9,329	9,329			30					
TOTAL FOR PROJ NO. 2023CPT.03.11.20822									18.26	1,536	0.700					113,351	113,351	40	24	454					
													226,702												
GRAND TOTAL									26.72		2,368	1.000	40	41,096	88,906	270	70	113,351	113,351	40	24	985	12	6	
													130,002											18	

SIGNING FOR RESURFACING PROJECTS

LEGEND
 ┆ STATIONARY SIGN
 ← DIRECTION OF TRAFFIC FLOW



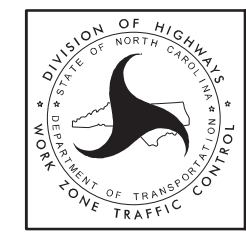
MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	 	<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 CONSTRUCTION LIMITS ARE 2 OR MORE MILES IN LENGTH. ROUND UP TO NEXT WHOLE NUMBER. (NO FRACTIONAL OR DECIMAL NUMBERS)</p>	<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> PLACED 500' IN ADVANCE OF FLAGGER. </div> <div> PLACED 250' IN ADVANCE OF FLAGGER. </div> </div>
		<p>- PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACE 1 MILE APART THEREAFTER.</p> <p>- AT TEE INTERSECTIONS INSTALL INITIALLY 1/2 MILE FROM INTERSECTION AND SPACE 1 MILE APART THEREAFTER.</p>	
		<p>- THESE ARE FOR -Y- LINES THAT ARE "THROUGH" ROADWAYS.</p> <p>- 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>	
	<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 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