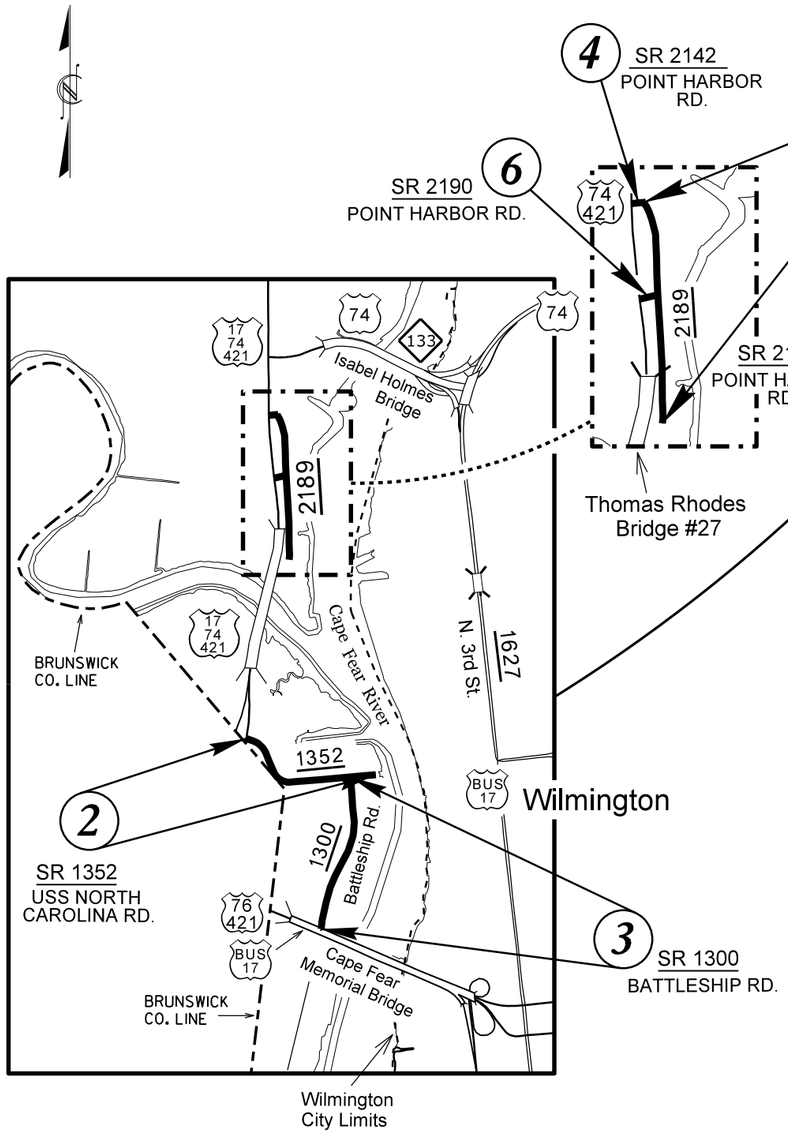
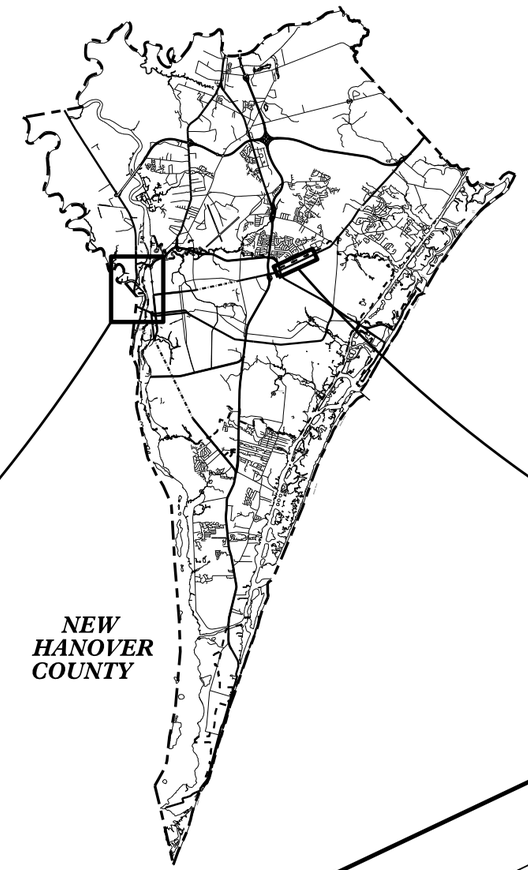
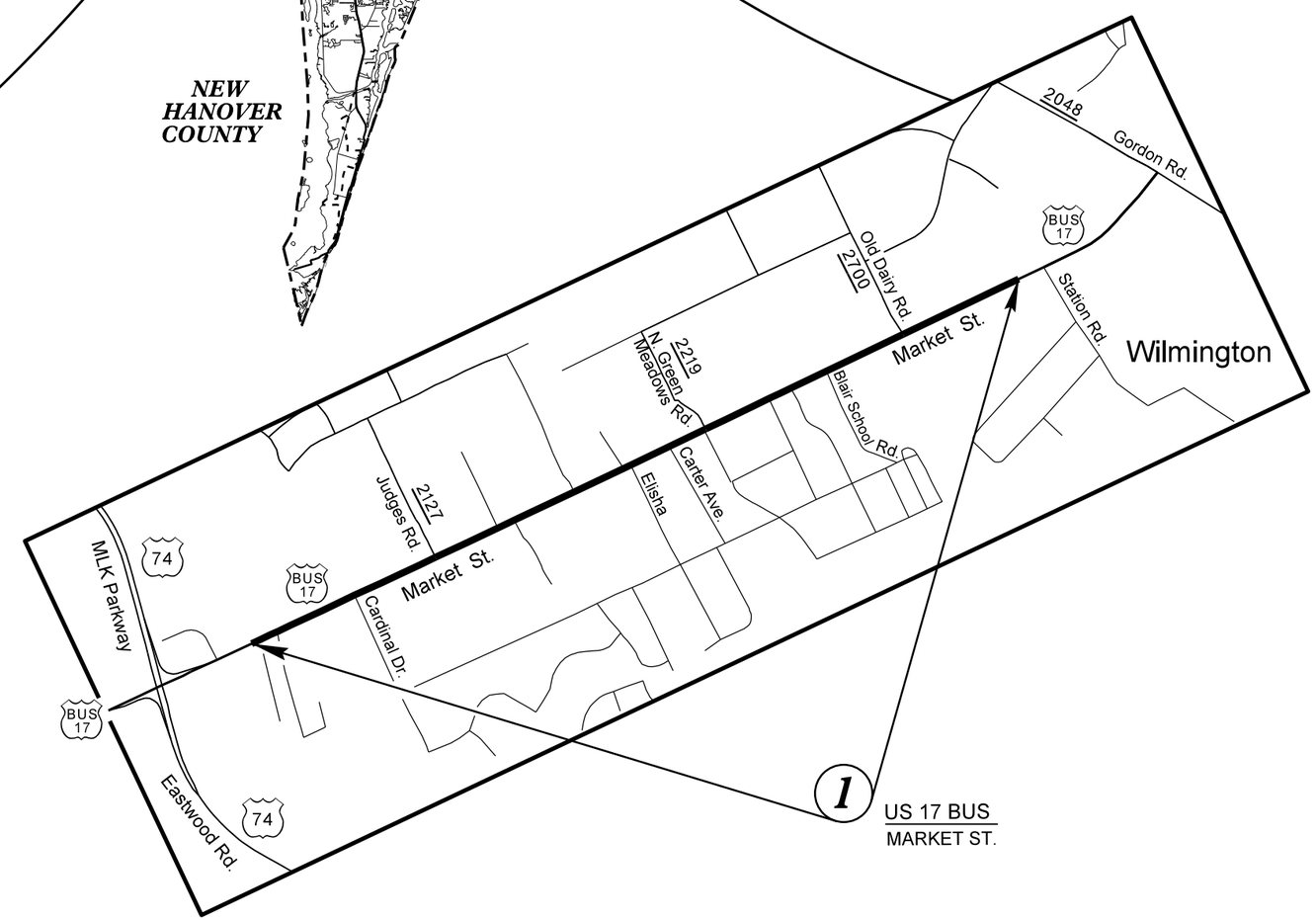
PROJECT REFERENCE NO.	SHEET NO.
2021CPT.03.03.10651, ETC.	1

NEW HANOVER COUNTY







INDEX OF SHEETS

SHEET NO.	SHEET
1 - 5	INDEX OF SHEETS & VICINITY MAPS
6 - 18	PAVEMENT SCHEDULE, TYPICAL SECTIONS & DETAIL SHEETS
19 - 36	SUMMARY OF QUANTITIES
37	NC STATE PORT MAP
EC-1 - EC-3	EROSION CONTROL DETAILS
TCP-1 - TCP-4	TRAFFIC CONTROL DETAILS

MAPS N.T.S.

REVISIONS

8/17/99

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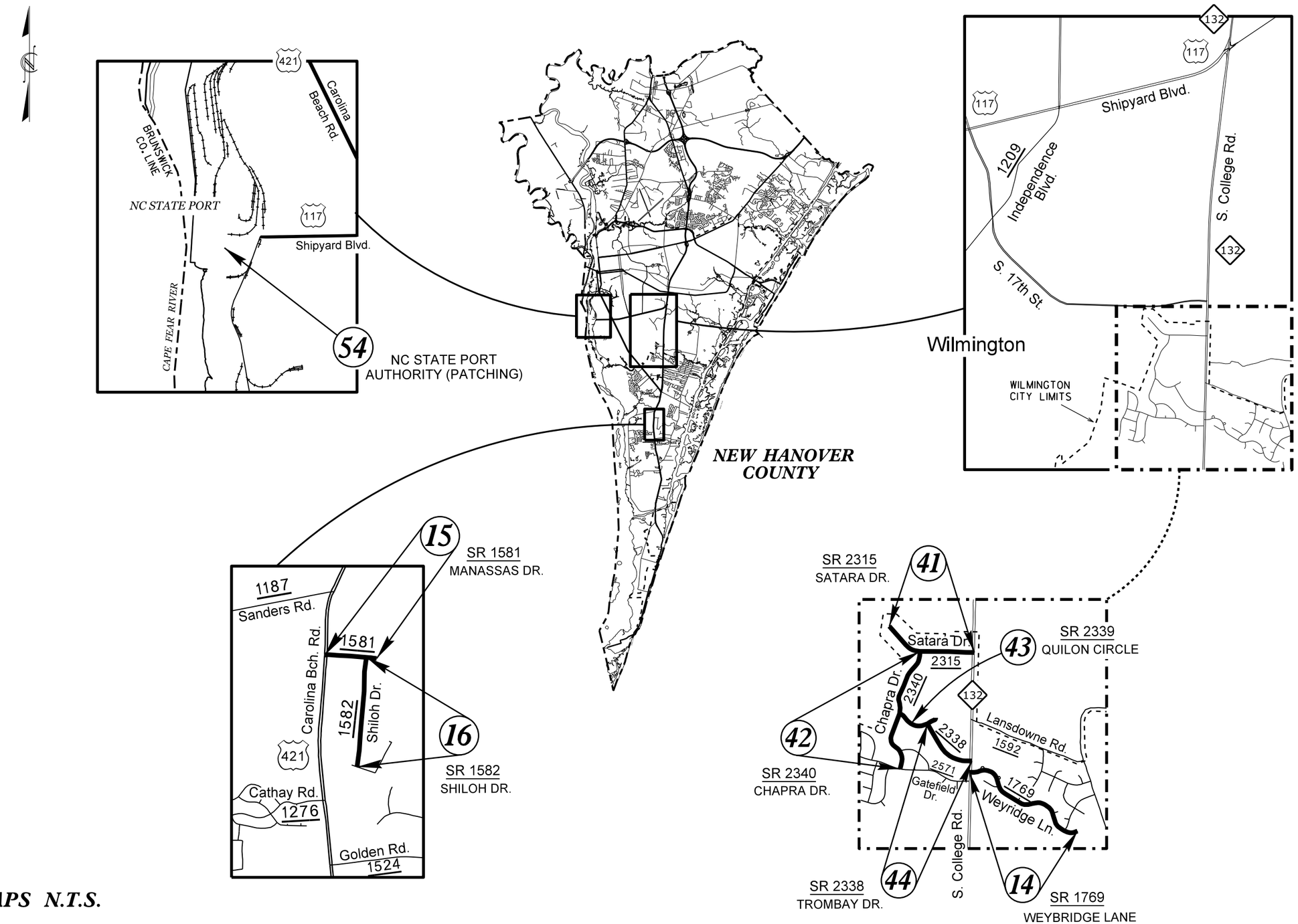
2021CPT.03.03.10651, ETC.	2

NEW HANOVER CO. – CONT.



MAPS N.T.S.

REVISIONS

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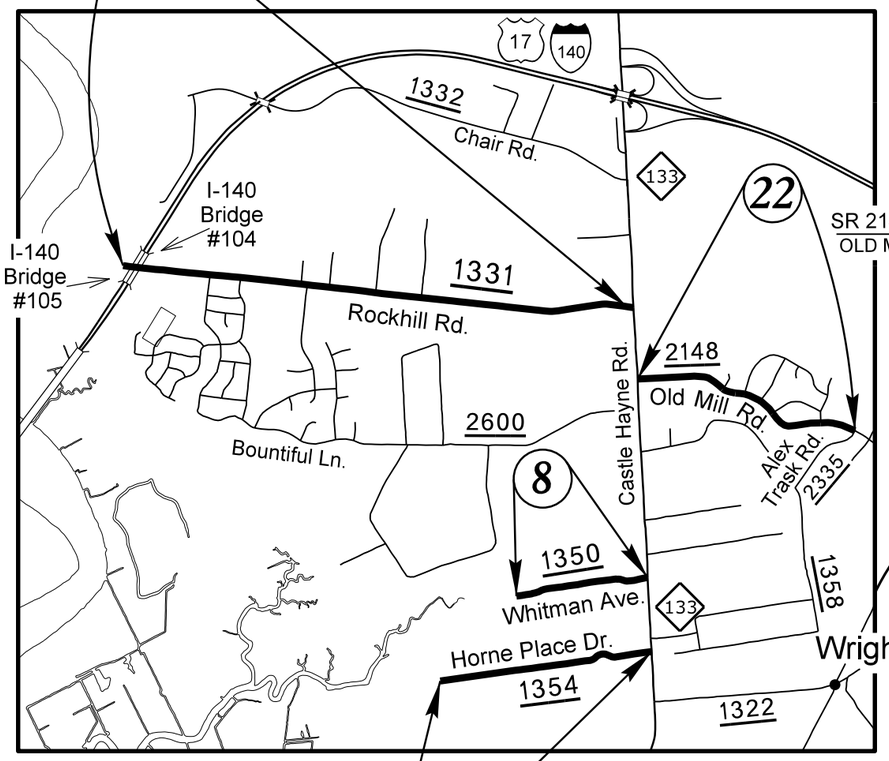

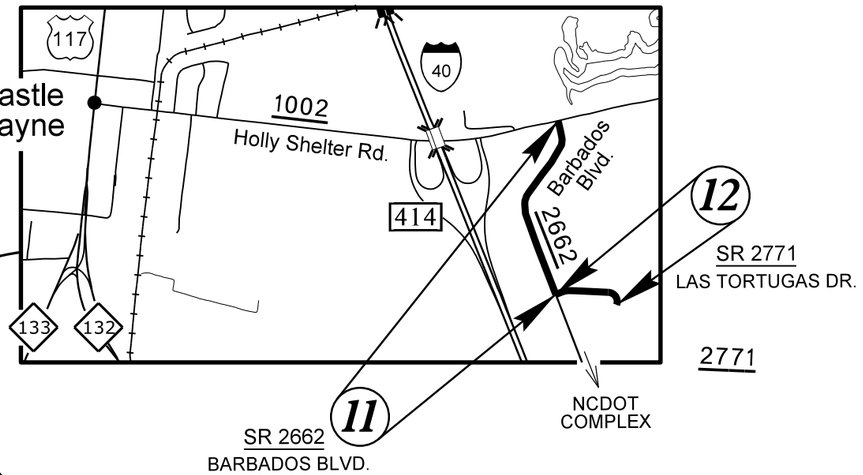

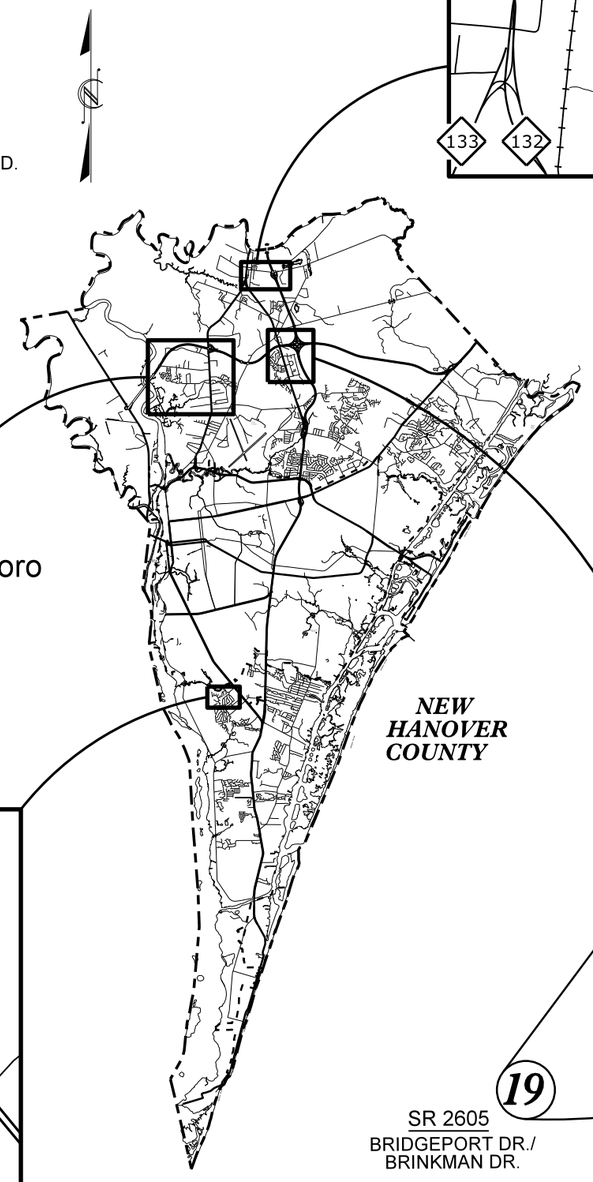

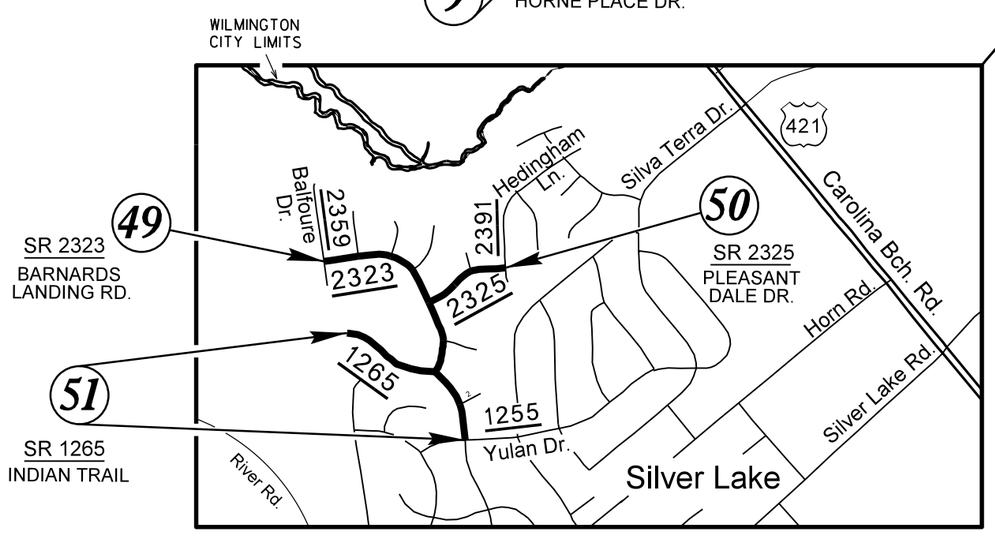

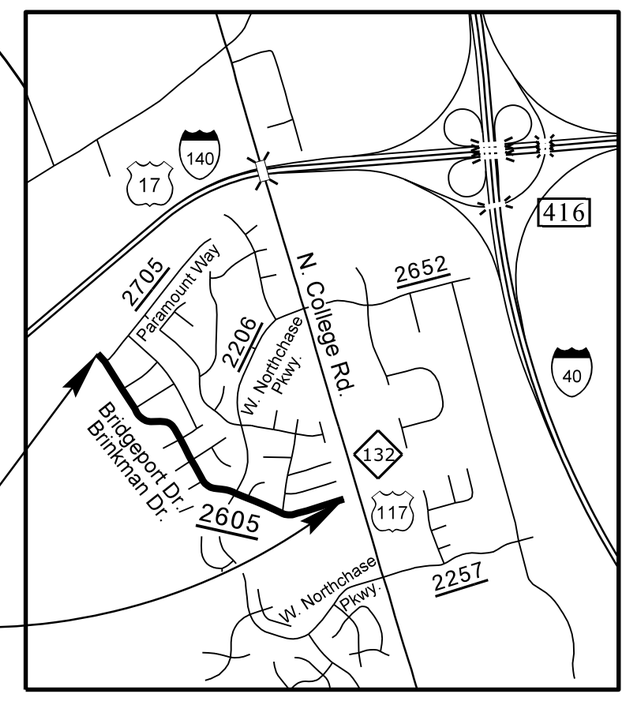

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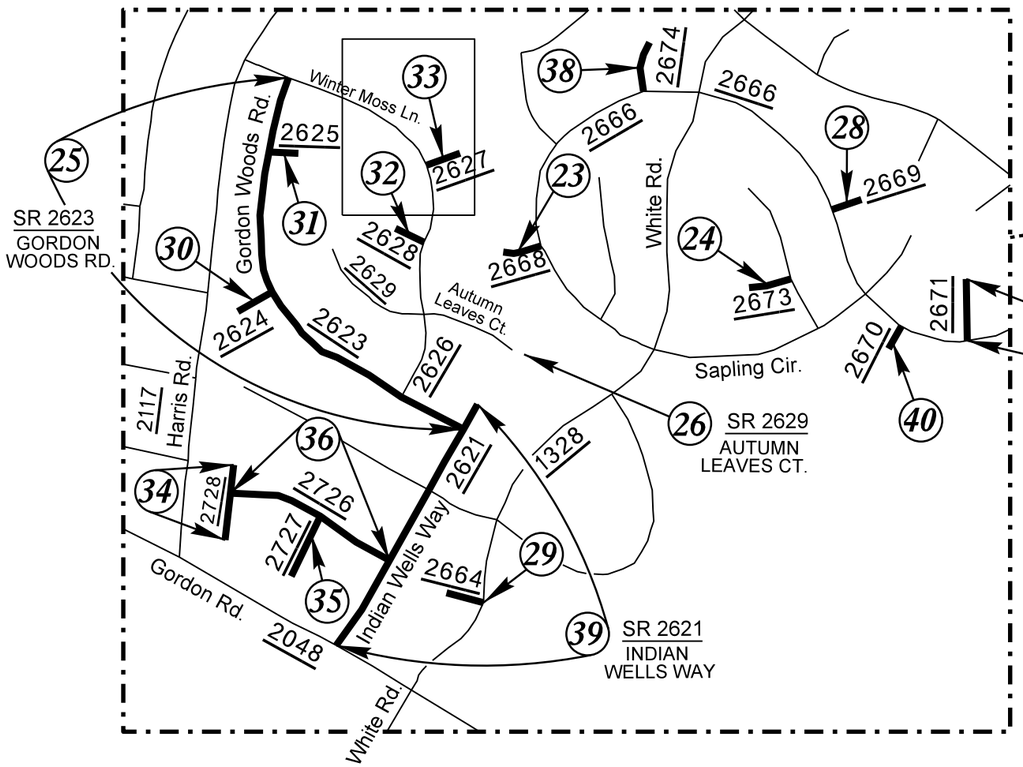

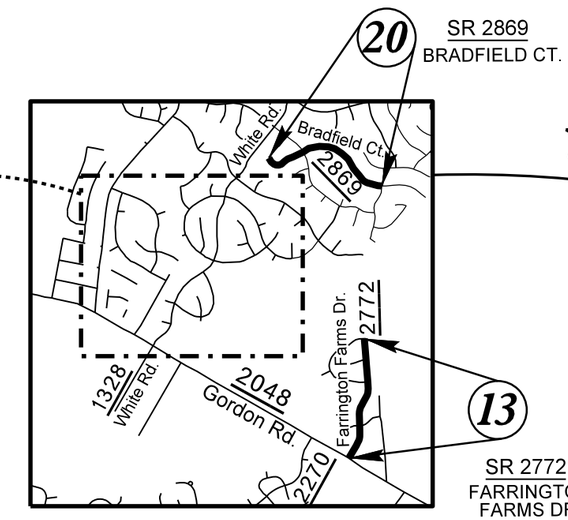

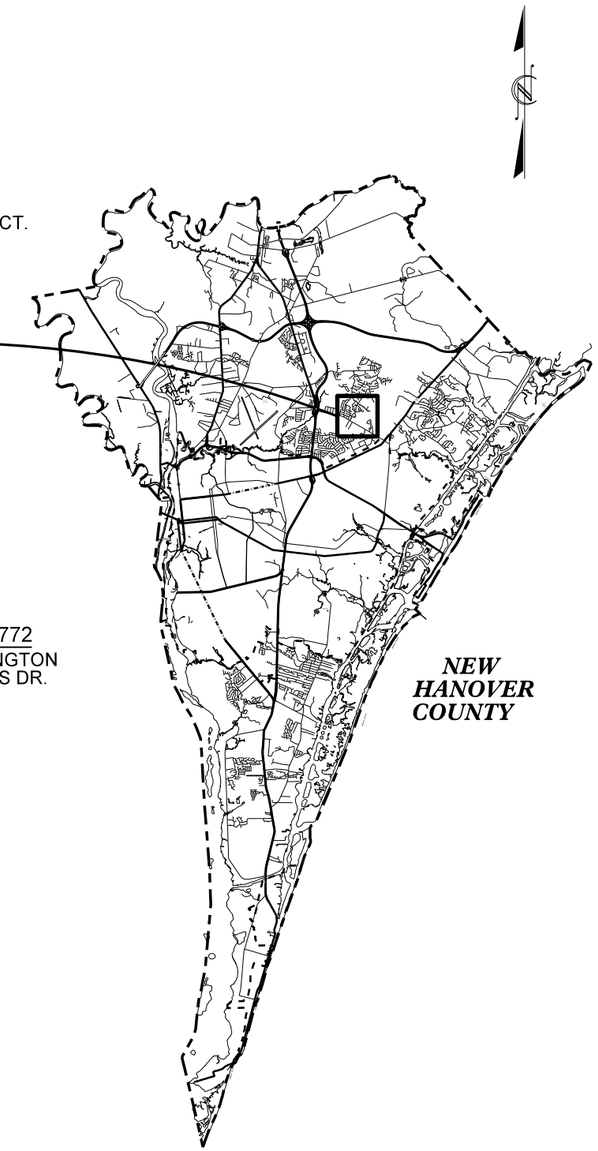

23	SR 2668 MAYFIELD CT.	31	SR 2625 INKBERRY CT.	36	SR 2726 WORTHINGTON WAY
24	SR 2673 OVALBERRY CT.	32	SR 2628 BARKWOOD CT.	37	SR 2671 MERKLEBAY CT.
28	SR 2669 SHADEBRANCH CT.	33	SR 2627 PAMPASS CT.	38	SR 2674 WILDBERRY CT.
29	SR 2664 TASSLE CT.	34	SR 2728 EVERBREEZE LN.	40	SR 2670 CONIFER CT.
30	SR 2624 BIRCHBARK CT.	35	SR 2727 BLACKBURN CT.		

MAPS N.T.S.

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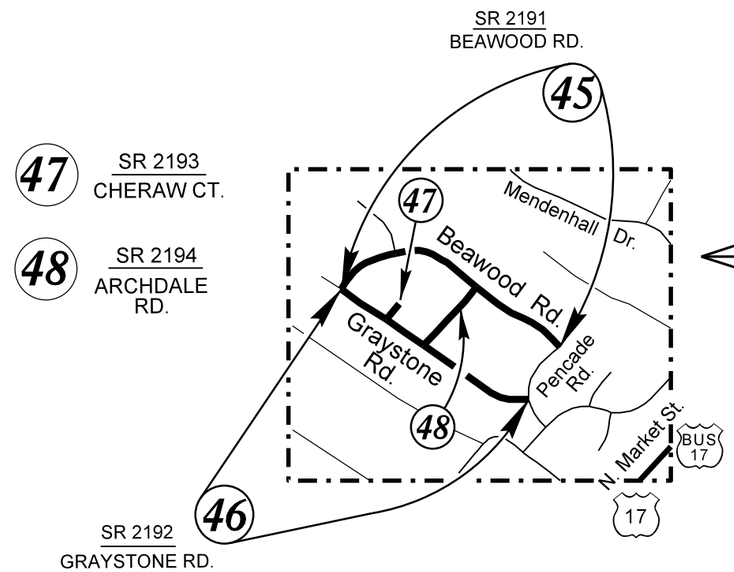

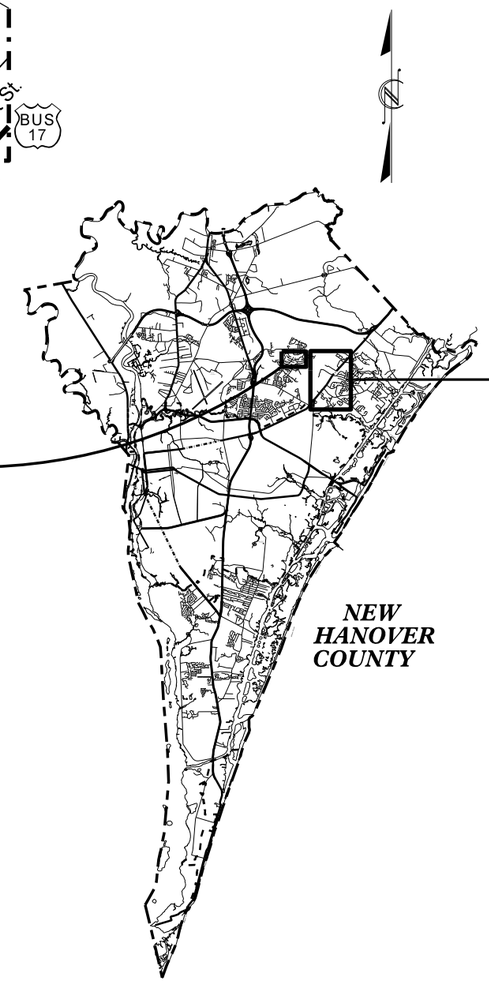

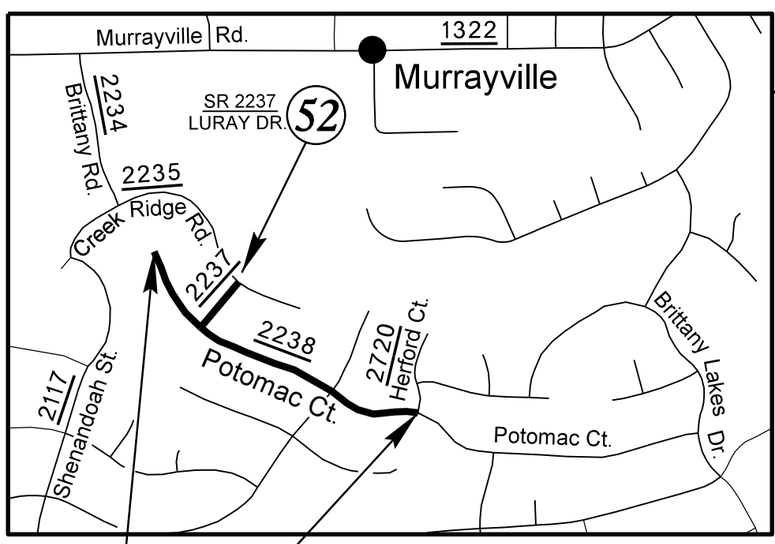

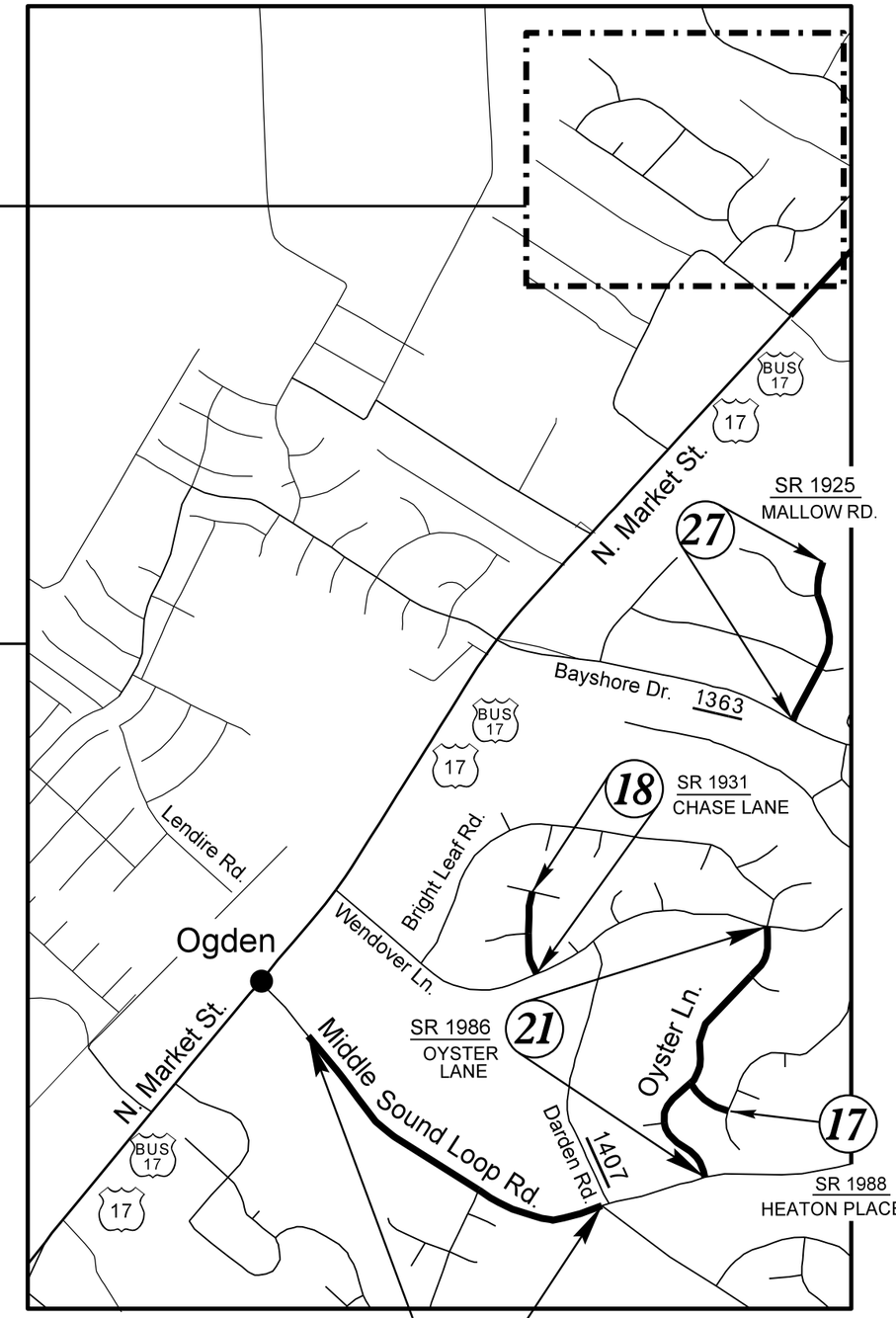

MAPS N.T.S.

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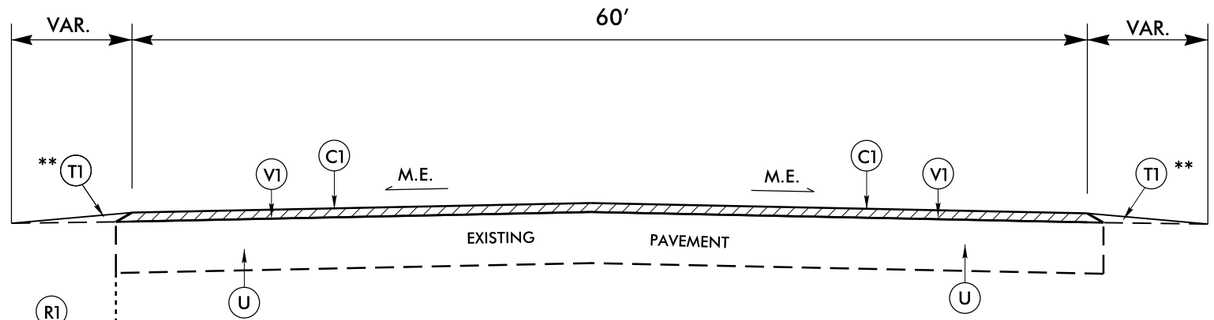
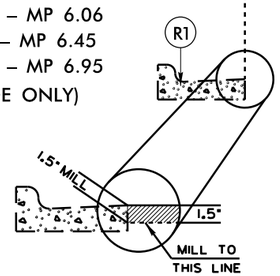


EXISTING 2′6″ C&G

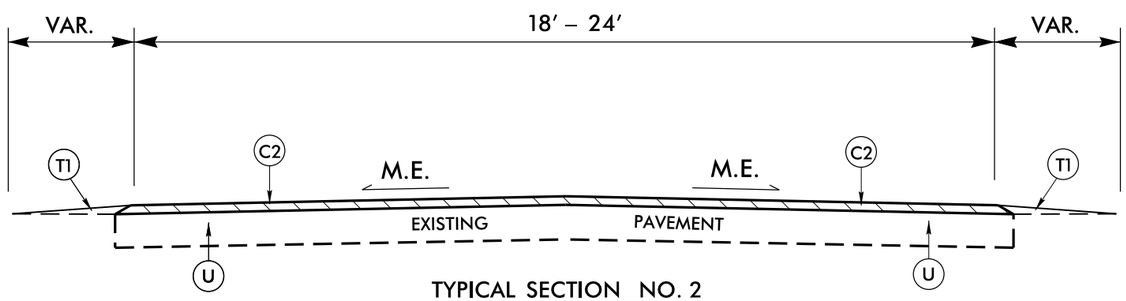
MP 6.03 – MP 6.06
MP 6.41 – MP 6.45
MP 6.79 – MP 6.95
(LEFT SIDE ONLY)



TYPICAL SECTION NO. 1

MAP NO. 1
US 17 BUS (MARKET ST.)
MP 0.00 – MP 1.65

NOTES: ALL MILLING MUST BE PAVED BACK BY THE END OF EACH WORK DAY
** SHOULDER WORK ON MAP NO.1 AS NEEDED, TO BE DETERMINED BY ENGINEER.



TYPICAL SECTION NO. 2

MAP NO. 2
SR 1352 (USS NORTH CAROLINA RD.)
MP 0.00 – MP 0.43

MAP NO. 3
SR 1300 (BATTLESHIP RD.)
MP 0.00 – MP 0.46

MAP NO. 10
SR 1403 (MIDDLE SOUND LOOP RD.)
MP 0.13 – MP 0.54

MAP NO. 12
SR 2771 (LAS TORTUGAS DR.)
MP 0.00 – MP 0.13

MAP NO. 16
SR 1582 (SHILOH DR.)
MP 0.00 – MP 0.53

PAVEMENT SCHEDULE

C1	PROP. APPROX. 1½″ DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ.YD.
C2	PROP. APPROX. 1½″ DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ.YD.
C3	PROP. APPROX. 1¼″ DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 137.50 LBS. PER SQ.YD.
C4	PROP. APPROX. ¾″ DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S4.75A, AT AN AVERAGE RATE OF 82.5 LBS. PER SQ.YD.
C5	PROP. APPROX. 1″ DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S4.75A, AT AN AVERAGE RATE OF 110 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.
E2	PROP. APPROX. 4″ DEPTH ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 456 LBS. PER SQ.YD.
F1	ASPHALT SERVICE TREATMENT - MAT COAT #67 (GRANITE) STONE
R1	EXISTING CONCRETE 2′-6″ CURB & GUTTER
R2	EXISTING CONCRETE 8″ X 6″ CURB
R3	EXISTING CONCRETE 2′ VALLEY CURB
T1	EARTH MATERIAL (SHOULDER RECONSTRUCTION)
T2	EARTH MATERIAL (SHOULDER CONSTRUCTION)
T3	EXISTING EARTH MATERIAL
U	EXISTING PAVEMENT
V1	MILLING ASPHALT PAVEMENT, 1½″ DEPTH
V2	MILLING ASPHALT PAVEMENT, 0″-1¼″ DEPTH
V3	MILLING ASPHALT PAVEMENT, 1¼″ DEPTH

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

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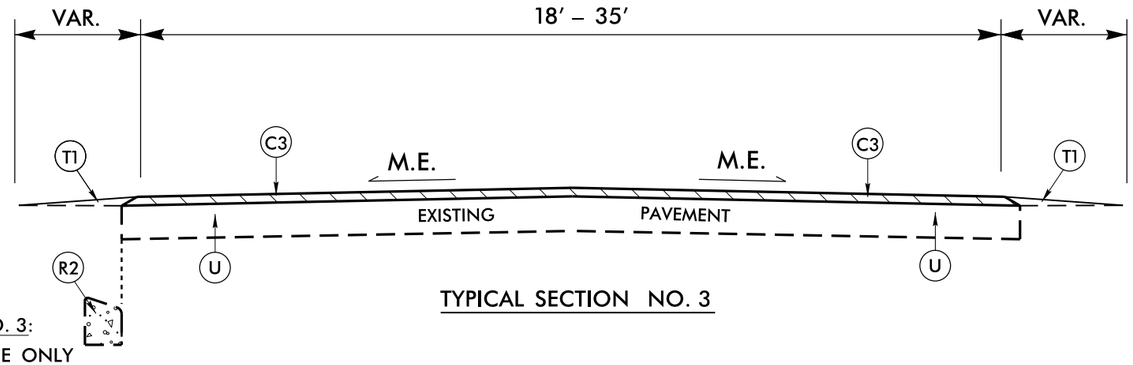


TYPICAL SECTION NO. 3

MAP NO. 3:
LEFT SIDE ONLY
MP 0.00 – MP 0.03

MAP NO. 4
SR 2142 (POINT HARBOR RD.)
MP 0.00 – MP 0.03

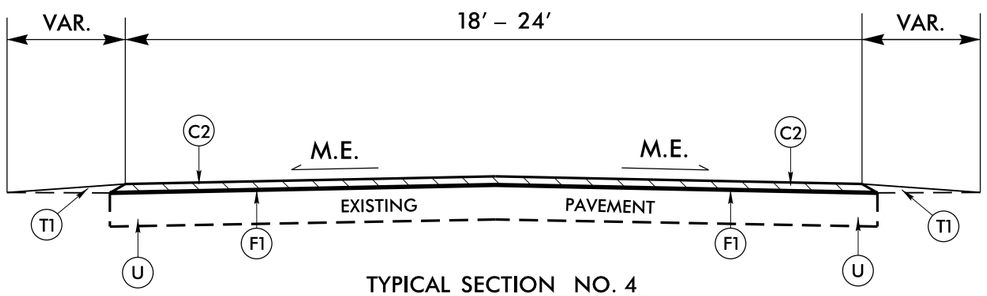
MAP NO. 5
SR 2189 (POINT HARBOR RD.)
MP 0.00 – MP 0.40

MAP NO. 6
SR 2190 (POINT HARBOR RD.)
MP 0.00 – MP 0.03

MAP NO. 8
SR 1350 (WHITMAN AVE.)
MP 0.00 – MP 0.44

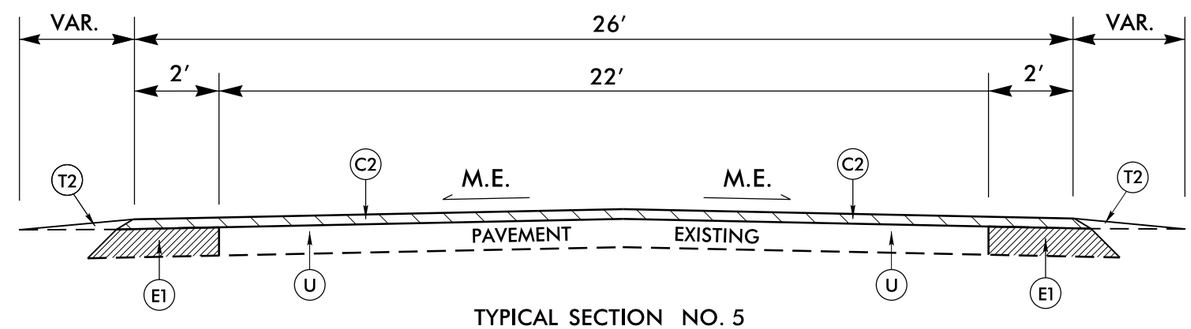
MAP NO. 9
SR 1354 (HORNE PLACE DR.)
MP 0.00 – MP 0.70

PAVEMENT SCHEDULE	
C2	1½″ S9.5B
C3	1¼″ S9.5B
E1	5″ B25.0C
F1	AST - MAT COAT #67 (GRANITE) STONE
R2	EXISTING CONC. 8″X 6″ CURB
T1	EARTH MATERIAL SHOULDER RECONST.
T2	EARTH MATERIAL SHOULDER CONST.
U	EXISTING PAVEMENT



TYPICAL SECTION NO. 4

MAP NO. 7
SR 1331 (ROCKHILL RD.)
MP 0.00 – MP 1.67



TYPICAL SECTION NO. 5

NOTE: REFER TO SEALED PLANS FOR CORRECTION OF SUPERELEVATED CURVE MP 0.20 - MP 0.28

MAP NO. 11
SR 2662 (BARBADOS BLVD.)
MP 0.00 – MP 0.20
MP 0.28 – MP 0.47

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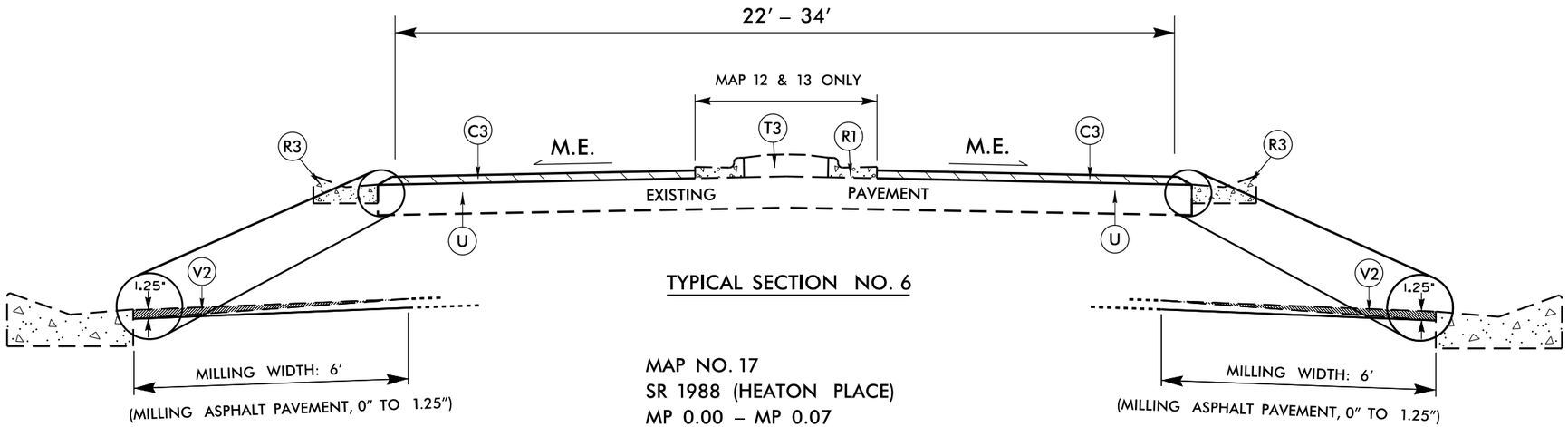

TYPICAL SECTION NO. 6

MAP NO. 13
SR 2772 (FARRINGTON FARMS DR.)
MP 0.00 – MP 0.40
(V3) MILLING AT ENTRANCE C&G ISLAND

MAP NO. 14
SR 1769 (WEYBRIDGE LANE)
MP 0.00 – MP 0.67
(V3) MILLING AT ENTRANCE C&G ISLAND

MAP NO. 17
SR 1988 (HEATON PLACE)
MP 0.00 – MP 0.07

MAP NO. 18
SR 1931 (CHASE LANE)
MP 0.00 – MP 0.13

MAP NO. 19
SR 2605 (BRIDGEPORT/BRINKMAN DR.)
MP 0.00 – MP 0.82

MAP NO. 20
SR 2869 (BRADFIELD CT.)
MP 0.00 – MP 0.45

MAP NO. 21
SR 1986 (OYSTER LANE)
MP 0.00 – MP 0.48

MAP NO. 22
SR 2148 (OLD MILL RD.)
MP 0.00 – MP 0.78
(V2) VALLEY CURB – MP 0.758 – MP 0.780
(V3) FRIS AREAS TO BE MILLED 1.25″
MP 0.17 – MP 0.24
MP 0.35 – MP 0.39

PAVEMENT SCHEDULE	
C3	1¼″ S9.5B
R1	EXISTING CONC. 2′-6″ CURB & GUTTER
R3	EXISTING CONC. 2′ VALLEY CURB
T3	EXISTING EARTH MATERIAL
U	EXISTING PAVEMENT
V2	MILLING 0″- 1¼″
V3	MILLING 1¼″

NOTES: MILLING ASPHALT PAVEMENT, 0″- 1.25″ WILL BE UTILIZED TO TIE INTO EXISTING ROADWAY & RELEVANT Y-LINES UNLESS OTHERWISE STATED.

ALL MILLING ON THESE MAPS MUST BE PAVED BACK WITHIN TWO (2) WEEKS.

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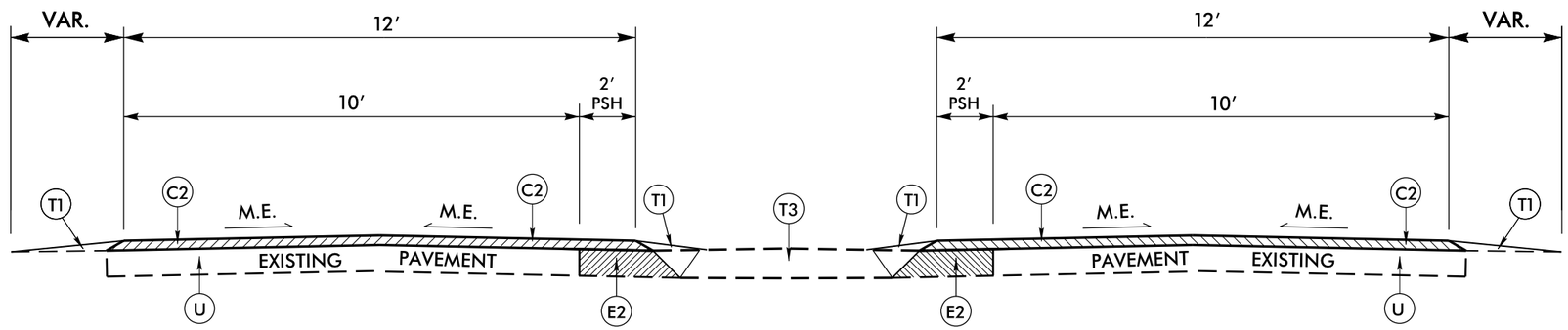
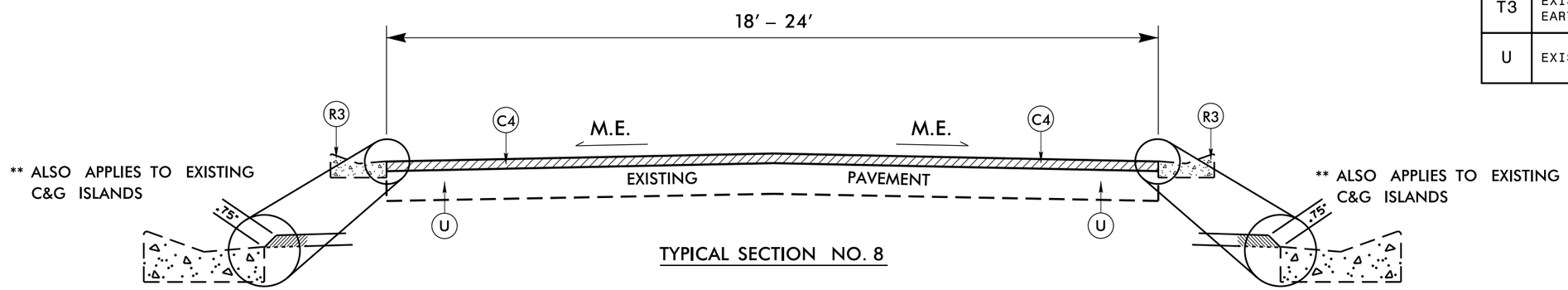


TYPICAL SECTION NO. 7

MAP NO. 15
SR 1581 (MANASSAS DR.)
MP 0.00 – MP 0.23

PAVEMENT SCHEDULE	
C2	1½″ S9.5B
C4	¾″ S4.75A
E2	4″ B25.0C
R3	EXISTING CONC. 2′ VALLEY CURB
T1	EARTH MATERIAL SHOULDER RECONST.
T3	EXISTING EARTH MATERIAL
U	EXISTING PAVEMENT



TYPICAL SECTION NO. 8

MAP NO. 23
SR 2668 (MAYFIELD CT.)
MP 0.00 – MP 0.03

MAP NO. 24
SR 2673 (OVALBERRY CT.)
MP 0.00 – MP 0.04

MAP NO. 25
SR 2623 (GORDON WOODS RD.)
MP 0.00 – MP 0.38

MAP NO. 26
SR 2629 (AUTUMN LEAVES CT.)
MP 0.00 – MP 0.19

MAP NO. 28
SR 2669 (SHADEBRANCH CT.)
MP 0.00 – MP 0.02

MAP NO. 29
SR 2664 (TASSLE CT.)
MP 0.00 – MP 0.02

MAP NO. 30
SR 2624 (BIRCHBARK CT.)
MP 0.00 – MP 0.02

MAP NO. 31
SR 2625 (INKBERRY CT.)
MP 0.00 – MP 0.02

MAP NO. 32
SR 2628 (BARKWOOD CT.)
MP 0.00 – MP 0.02

MAP NO. 33
SR 2627 (PAMPASS CT.)
MP 0.00 – MP 0.03

MAP NO. 34
SR 2728 (EVERBREEZE LN.)
MP 0.00 – MP 0.06

MAP NO. 35
SR 2727 (BLACKBURN CT.)
MP 0.00 – MP 0.05

MAP NO. 36
SR 2726 (WORTHINGTON WAY)
MP 0.00 – MP 0.14

MAP NO. 37
SR 2671 (MERKLEBAY CT.)
MP 0.00 – MP 0.05

MAP NO. 38
SR 2674 (WILDBERRY CT.)
MP 0.00 – MP 0.05

MAP NO. 39
SR 2621 (INDIAN WELLS WAY)
MP 0.00 – MP 0.24

MAP NO. 40
SR 2670 (CONIFER CT.)
MP 0.00 – MP 0.02

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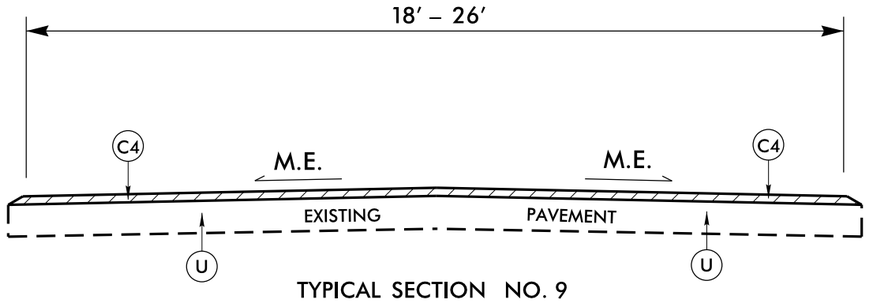


TYPICAL SECTION NO. 9

PAVEMENT SCHEDULE	
C4	¾″ S4.75A
C5	1″ S4.75A
U	EXISTING PAVEMENT

MAP NO. 27
SR 1925 (MALLOW RD.)
MP 0.00 – MP 0.27

MAP NO. 41
SR 2315 (SATARA DR.)
MP 0.00 – MP 0.46

MAP NO. 42
SR 2340 (CHAPRA DR.)
MP 0.00 – MP 0.45

MAP NO. 43
SR 2339 (QUILON CIRCLE)
MP 0.00 – MP 0.20

MAP NO. 44
SR 2338 (TROMBAY DR.)
MP 0.00 – MP 0.29

MAP NO. 45
SR 2191 (BEAWOOD RD.)
MP 0.00 – MP 0.33

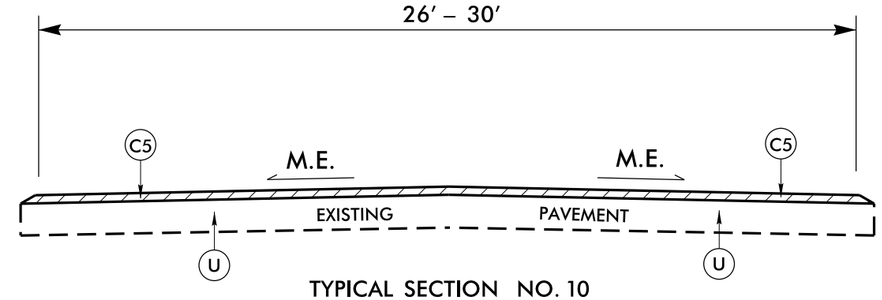
MAP NO. 46
SR 2192 (GRAYSTONE RD.)
MP 0.00 – MP 0.28

MAP NO. 47
SR 2193 (CHERAW CT.)
MP 0.00 – MP 0.03

MAP NO. 48
SR 2194 (ARCHDALE RD.)
MP 0.00 – MP 0.10

MAP NO. 52
SR 2237 (LURAY DR.)
MP 0.00 – MP 0.08

MAP NO. 53
SR 2238 (POTOMAC CT.)
MP 0.00 – MP 0.42



TYPICAL SECTION NO. 10

MAP NO. 49
SR 2323 (BARNARDS LANDING RD.)
MP 0.00 – MP 0.36

MAP NO. 50
SR 2325 (PLEASANT DALE DR.)
MP 0.00 – MP 0.16

MAP NO. 51
SR 1265 (INDIAN TRAIL)
MP 0.00 – MP 0.31

EFF.01-16-2018
REV.

2018 ROADWAY ENGLISH STANDARD DRAWINGS

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 8 – INCIDENTALS	
846.01	*Concrete Curb, Gutter and Curb & Gutter*
848.05	*Curb Ramp – Proposed Curb & Gutter*
848.06	*Curb Ramp – Existing Curb & Gutter*
DIVISION 12 – PVMT MARKING, MARKERS AND DELINEATION	
1205.08	*Pavement Markings – Symbols & Word Messages*

8/17/99
REVISIONS
06-OCT-2020 18:03
S:\Divisions\Resurfacing\Resurfacing Data\2021 Resurfacing\NEW HANOVER\2021CPT.03.xx.20651_Rdy_typ.dgn
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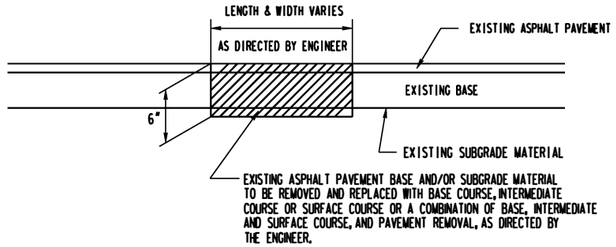
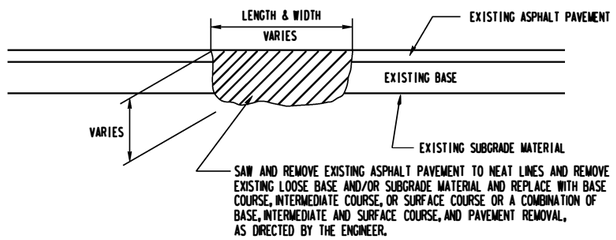
DETAILS OF PATCHING EXISTING PAVEMENT PRIOR TO RESURFACING FOR FULL DEPTH AND MILLING



DETAIL NO. 1



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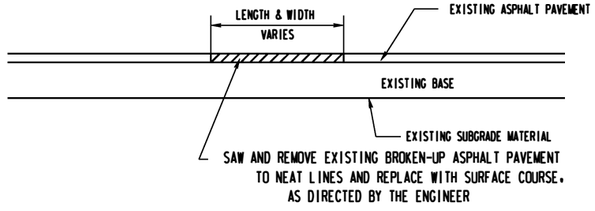
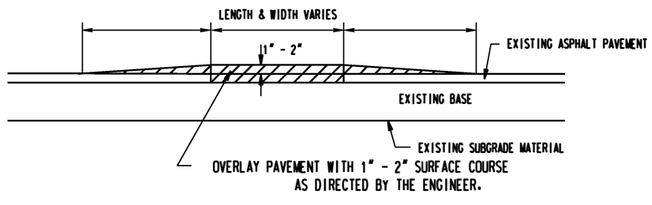
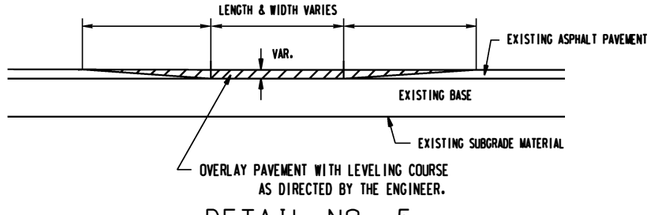


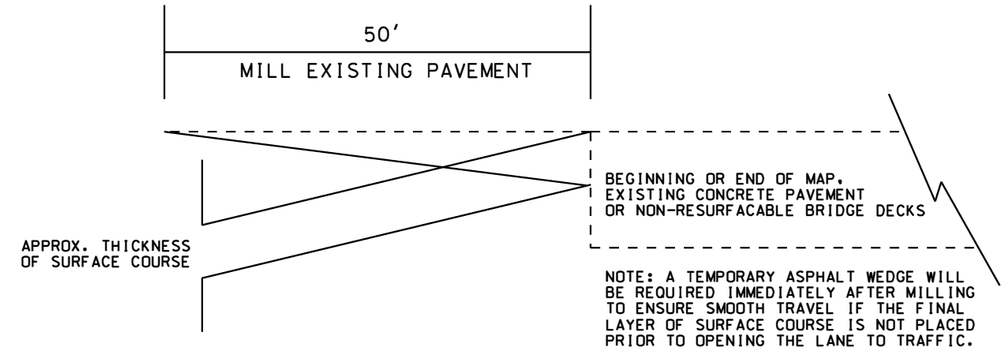
DETAIL NO. 3



DETAIL NO. 4



DETAIL NO. 5



DETAIL FOR MILLING & INCIDENTAL MILLING PAY ITEMS: MAY BE USED AT THE BEGINNING & END OF MAPS AND AT APPROACH & TRAILING ENDS OF BRIDGES

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28-SEP-2018 12:50
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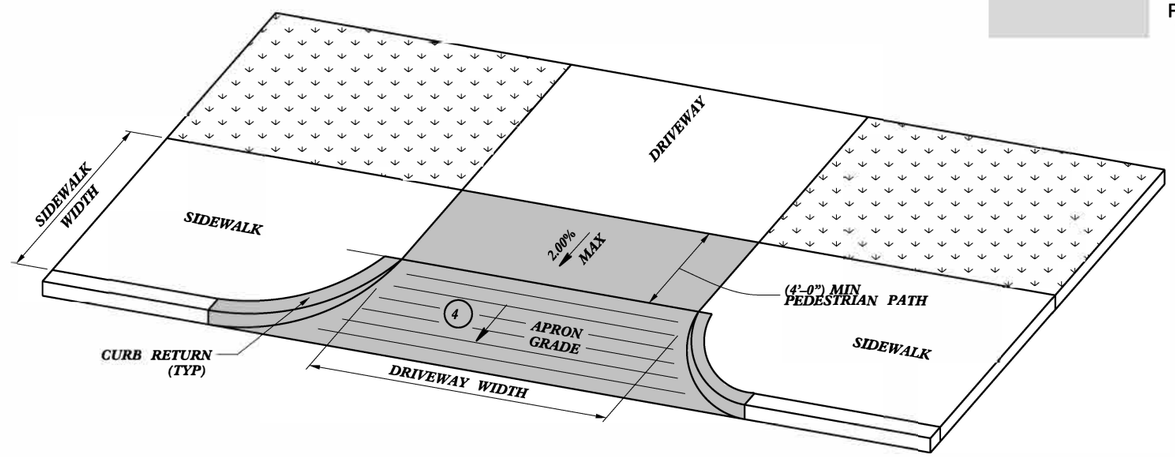
PROJECT REFERENCE NO.	SHEET NO.
2021CPT.03.03.10651, ETC.	12

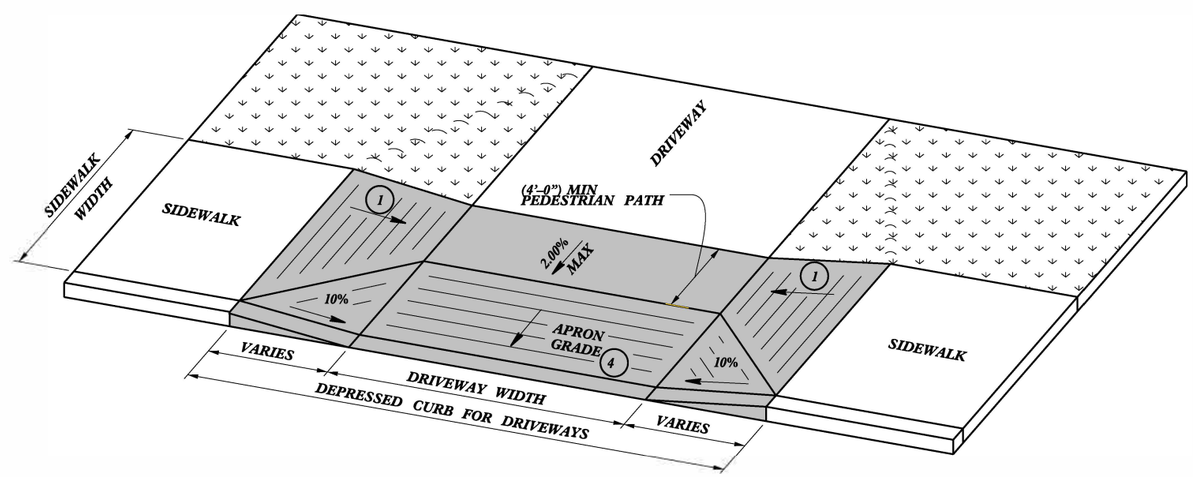
1. 8.33% (12:1) MAX RAMP SLOPE
2. CROSS SLOPE: 2.00%
4. 8.00% MAX CHANGE IN GRADE BETWEEN ROAD SURFACE AND DRIVEWAY

PAY LIMITS FOR 1 CURB RAMP



DRIVEWAY APRON

OPTION 1



-SEE ROADWAY DETAIL DRAWING 848.05 FOR DETECTABLE WARNING SURFACE AND FOR RAMP NOTES.

-SEE ROADWAY STANDARD DRAWING 848.02 FOR CONCRETE DRIVEWAYS.

DRIVEWAY APRON

OPTION 2

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

CURB RAMPS

@ DRIVEWAY OPENINGS

ORIGINAL BY: J.S. HOWERTON DATE: 7/7/11
MODIFIED BY: DATE:
CHECKED BY: DATE:
FILE SPEC.: stds/2012CurbRamp/CurbRampDetails.dgn

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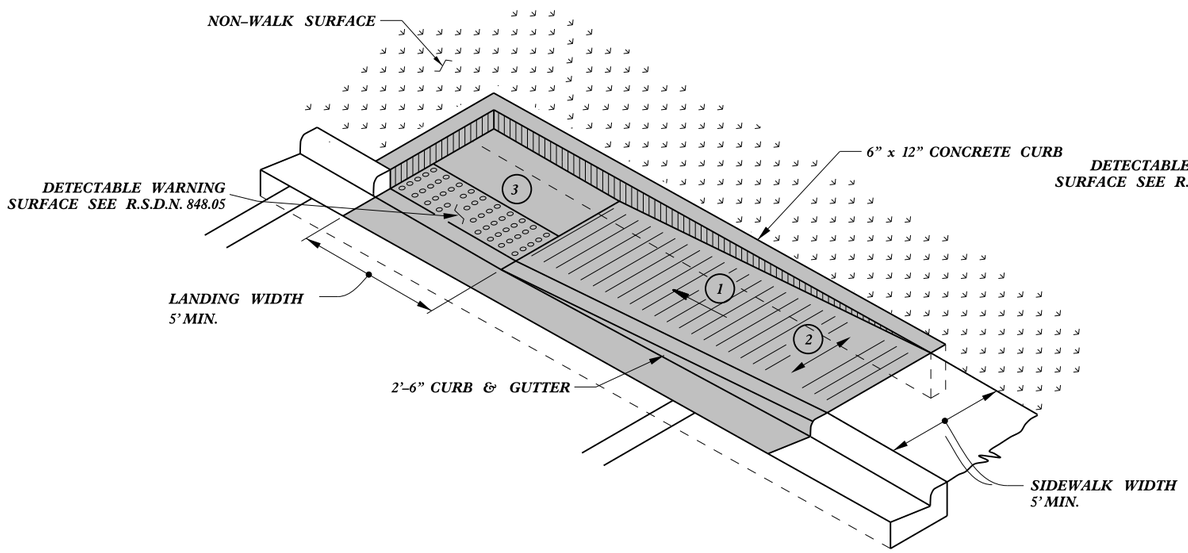
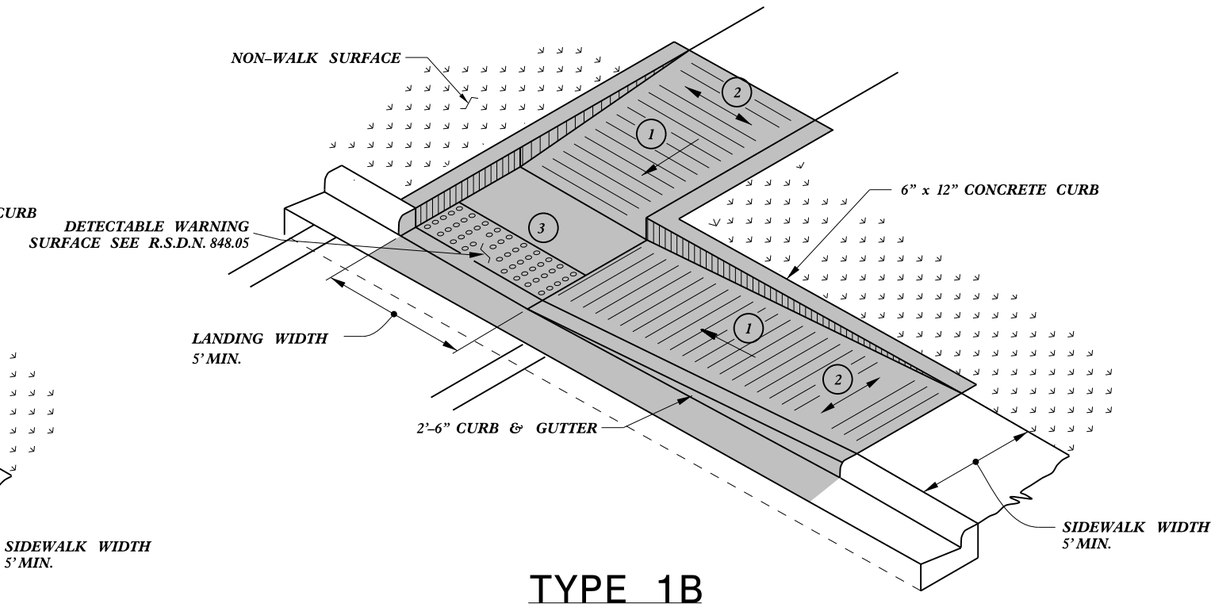
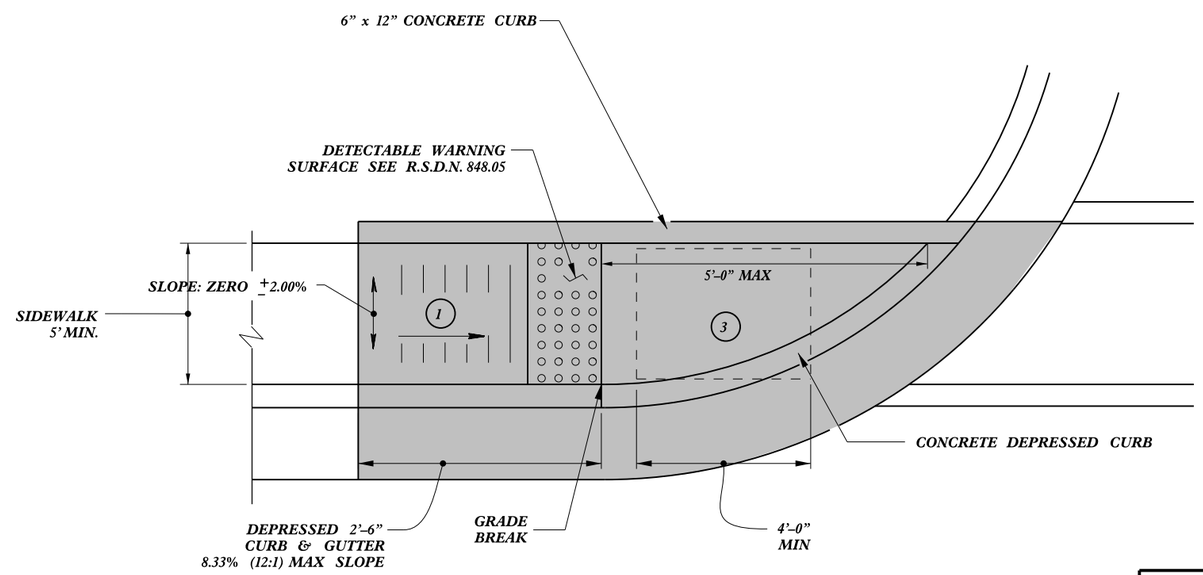
5/14/99



TYPE 1A



TYPE 1B



TYPE 1

PAY LIMITS FOR 1 CURB RAMP

1. 8.33% (12:1) MAX RAMP SLOPE
2. CROSS SLOPE: 2.00%
3. CURB RAMPS REQUIRE A (4'-0") MINIMUM LANDING WITH A MAXIMUM CROSS SLOPE AND LONGITUDINAL SLOPE OF 2.00% WHERE PEDESTRIANS PERFORM TURNING MANEUVERS. SLOPE TO DRAIN TO CURB.

REFER TO ROADWAY STANDARD DRAWING NUMBER 848.05 SHEET 3 OF 3 FOR ALL RAMP NOTES

NORTH CAROLINA PROFESSIONAL SEAL 022966 ENGINEER Joel S. Howerton

DocuSigned by: Joel S Howerton
449E8E25522144F...
11/18/2015

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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

CURB RAMPS

Directional Ramps

ORIGINAL BY: J.S. HOWERTON DATE: 7/7/11
MODIFIED BY: DATE:
CHECKED BY: DATE:
FILE SPEC.: stds/2012CurbRamp/CurbRampDetails.dgn

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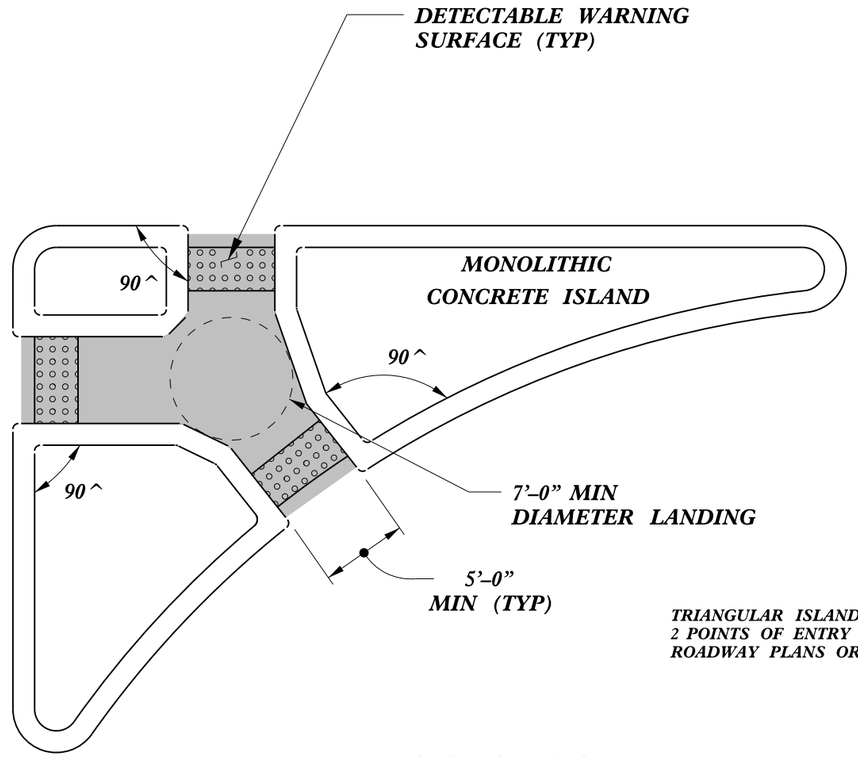
$$$$USERNAME$$$$

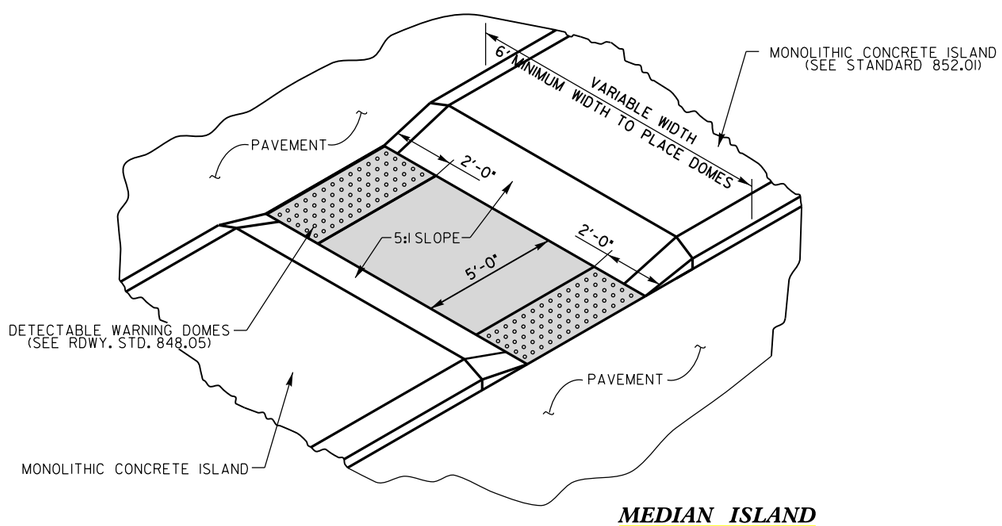
PROJECT REFERENCE NO.	SHEET NO.
2021CPT.03.03.10651, Etc.	14

PAY LIMITS FOR 2 OR 3 CURB RAMPS (CALCULATE BASED ON NUMBER OF SETS OF TRUNCATED DOMES)

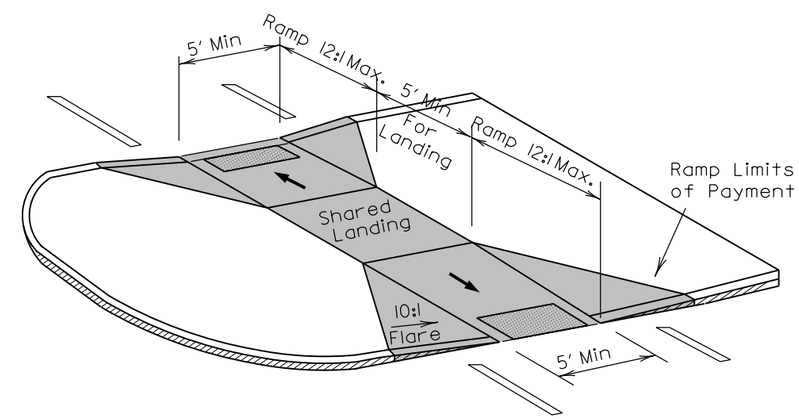


TRIANGULAR ISLANDS MAY BE CONSTRUCTED WITH ONLY 2 POINTS OF ENTRY AND EXIT AS SHOWN IN THE ROADWAY PLANS OR AS DIRECTED BY THE ENGINEER.

TRIANGULAR ISLAND WITH CUT THROUGH



MEDIAN ISLAND WITH CUT THROUGH



MEDIAN ISLAND CURB RAMPS

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 022966 Joel S. Howerton

11/18/2015 DocuSigned by: Joel S Howerton 449E8E25522144F...

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Office 919-707-6950 FAX 919-250-4119

CURB RAMPS

Median or Turn Lane Islands

ORIGINAL BY: J.S. HOWERTON DATE: 7/7/11
MODIFIED BY: DATE:
CHECKED BY: DATE:
FILE SPEC.: stds/2012CurbRamp/CurbRampDetails.dgn

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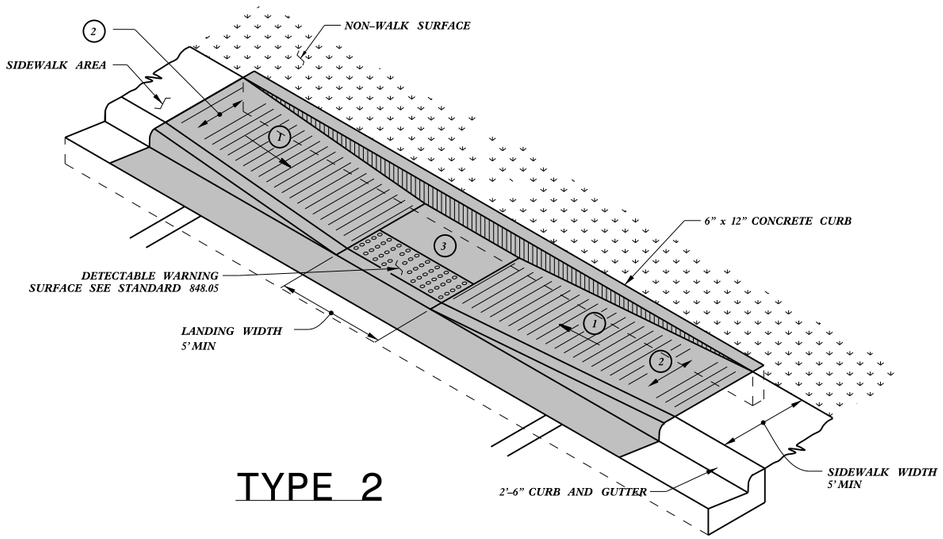
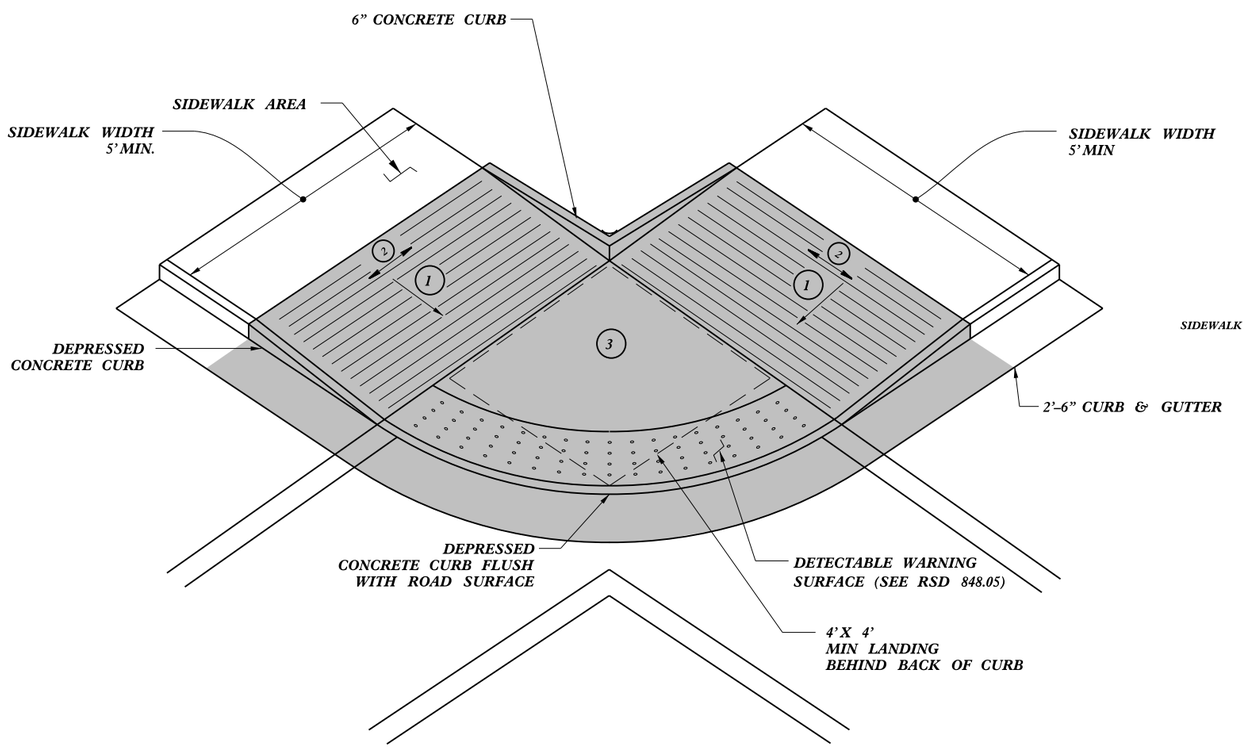
5/14/99



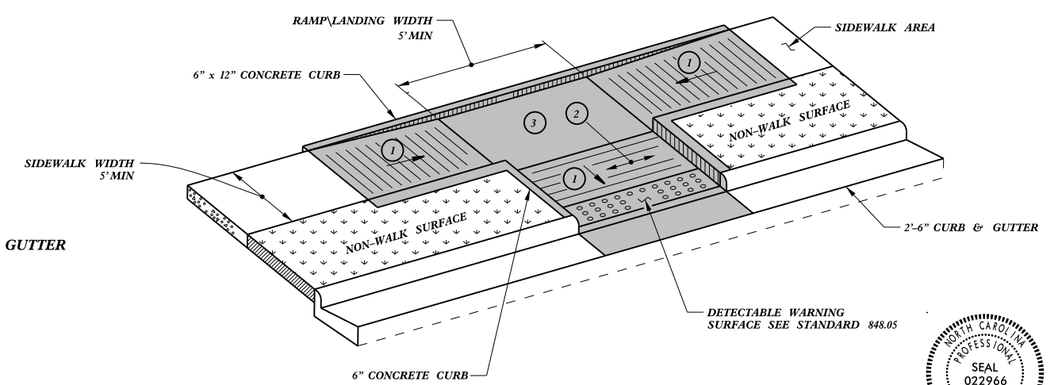
TYPE 2

PAY LIMITS FOR 1 CURB RAMP

1. 8.33% (12:1) MAX RAMP SLOPE
2. CROSS SLOPE: 2.00%
3. CURB RAMPS REQUIRE A (4'-0") MINIMUM LANDING WITH A MAXIMUM CROSS SLOPE AND LONGITUDINAL SLOPE OF 2.00% WHERE PEDESTRIANS PERFORM TURNING MANEUVERS. SLOPE TO DRAIN TO CURB.



TYPE 2A



TYPE 3

NORTH CAROLINA PROFESSIONAL SEAL 022966 ENGINEER Joel S. Howerton

DocuSigned by: Joel S Howerton
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11/18/2015

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REFER TO ROADWAY STANDARD DRAWING NUMBER 848.05 SHEET 3 OF 3 FOR ALL RAMP NOTES

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

CURB RAMPS

Parallel Ramps

ORIGINAL BY: J.S. HOWERTON DATE: 7/7/11
MODIFIED BY: DATE:
CHECKED BY: DATE:
FILE SPEC.: stds/2012CurbRamp/CurbRampDetails.dgn

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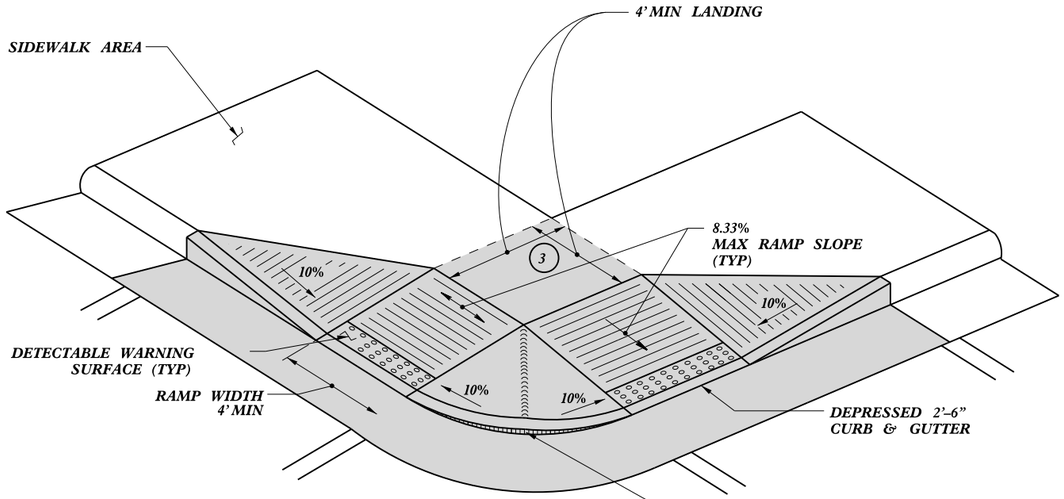
$$$$USERNAME$$$$

5/14/99

PAY LIMITS FOR 2 CURB RAMPS



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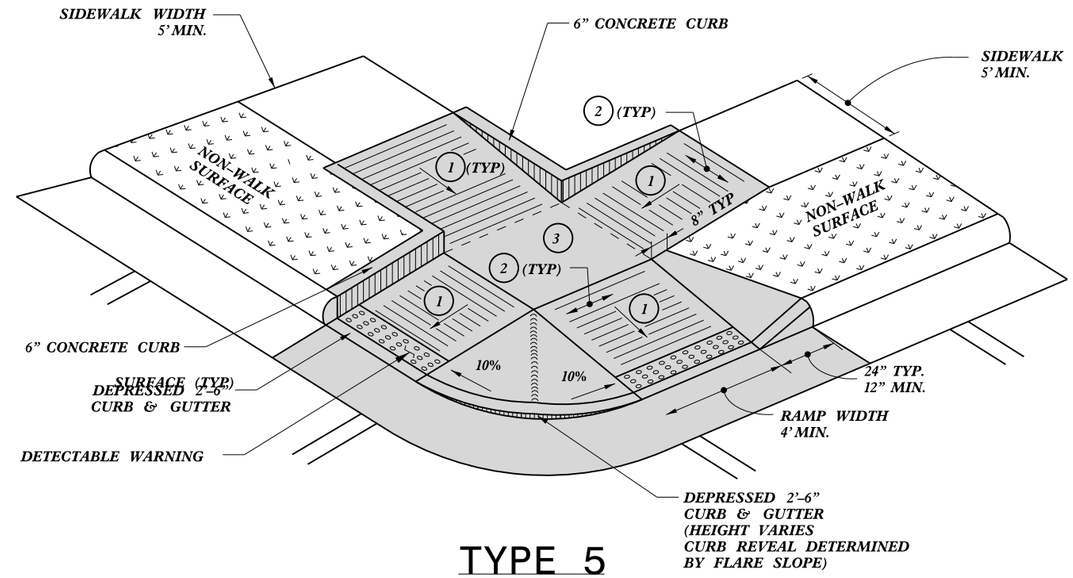
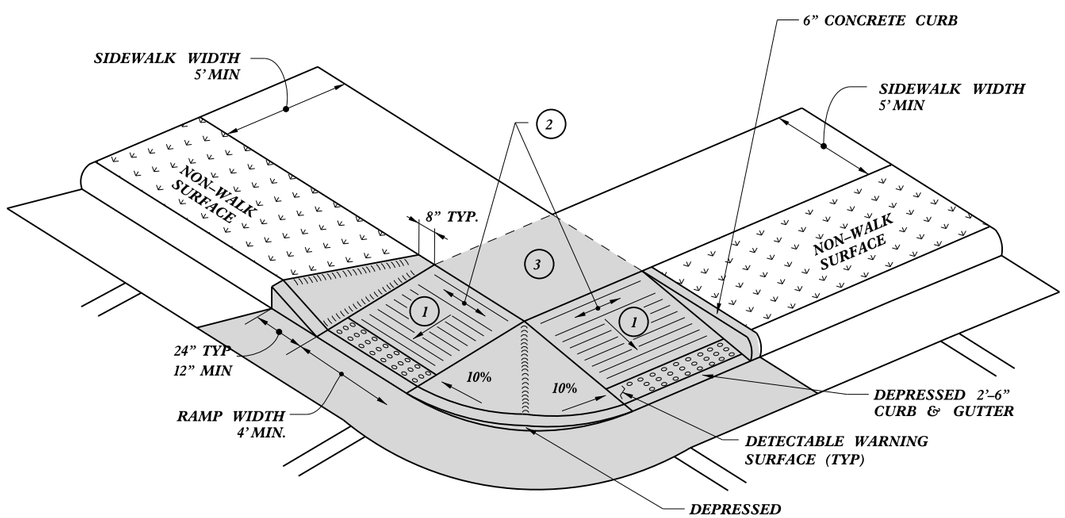


TYPE 5



TYPE 4A

1. 8.33% (12:1) MAX RAMP SLOPE
2. CROSS SLOPE: 2.00%
3. CURB RAMPS REQUIRE A (4'-0") MINIMUM LANDING WITH A MAXIMUM CROSS SLOPE AND LONGITUDINAL SLOPE OF 2.00% WHERE PEDESTRIANS PERFORM TURNING MANEUVERS. SLOPE TO DRAIN TO CURB.

REFER TO ROADWAY STANDARD DRAWING NUMBER 848.05 SHEET 3 OF 3 FOR ALL RAMP NOTES

DocuSigned by:
Joel S Howerton
449E8E25522144F...

NORTH CAROLINA PROFESSIONAL SEAL 022966 ENGINEER Joel S. Howerton

11/18/2015

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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

CURB RAMPS

Shared Landing

ORIGINAL BY: J.S. HOWERTON DATE: 7/7/11
MODIFIED BY: DATE:
CHECKED BY: DATE:
FILE SPEC.: stds/2012CurbRamp/CurbRampDetails.dgn

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

ENGLISH DETAIL DRAWING FOR

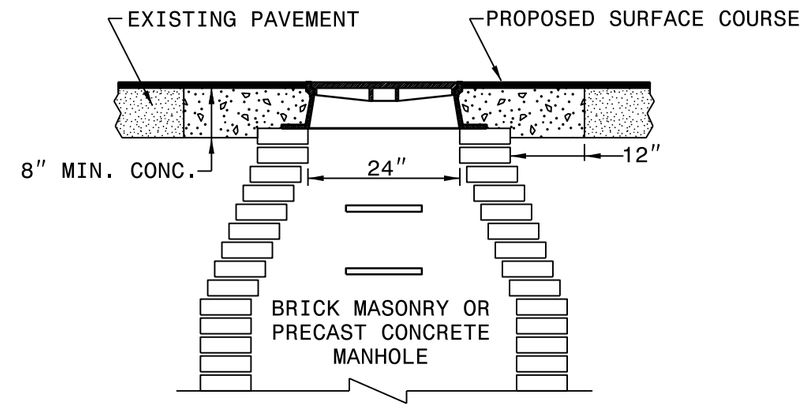
MANHOLE AND VALVE BOX ADJUSTMENTS

SHEET 1 OF 1

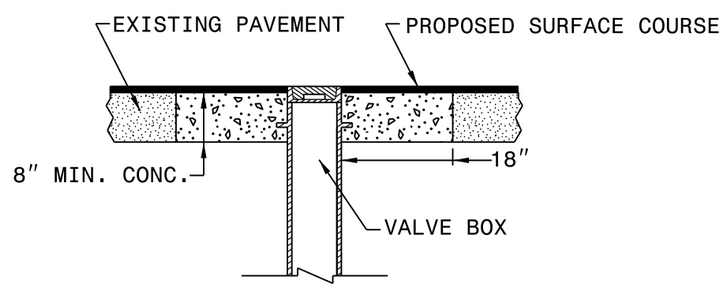
840D55

GENERAL NOTES:

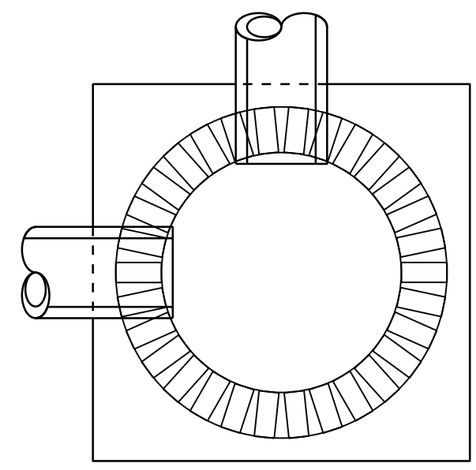
1. USE RAPID SET GROUT, MORTAR, OR CONCRETE THAT WILL TAKE FULL SET AND BECOME LOAD BEARING WITHIN SIXTY MINUTES OF PLACEMENT WITH A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI.
2. REMOVE ALL FAULTY EXISTING BRICKWORK AND REPLACE WITH NEW BRICK MASONRY.
3. SHEER CUT EXCAVATION FOR THE ADJUSTMENT ON ALL SIDES.
4. FILL AREA BELOW 8″ DEPTH WITH 78M OR NO. 57 CLEAN STONE.
5. MIX MORTAR TO NCDOT SPECIFICATIONS.
6. MORTAR JOINTS ½″ +/- ⅛″
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

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

REVISIONS

8/17/99

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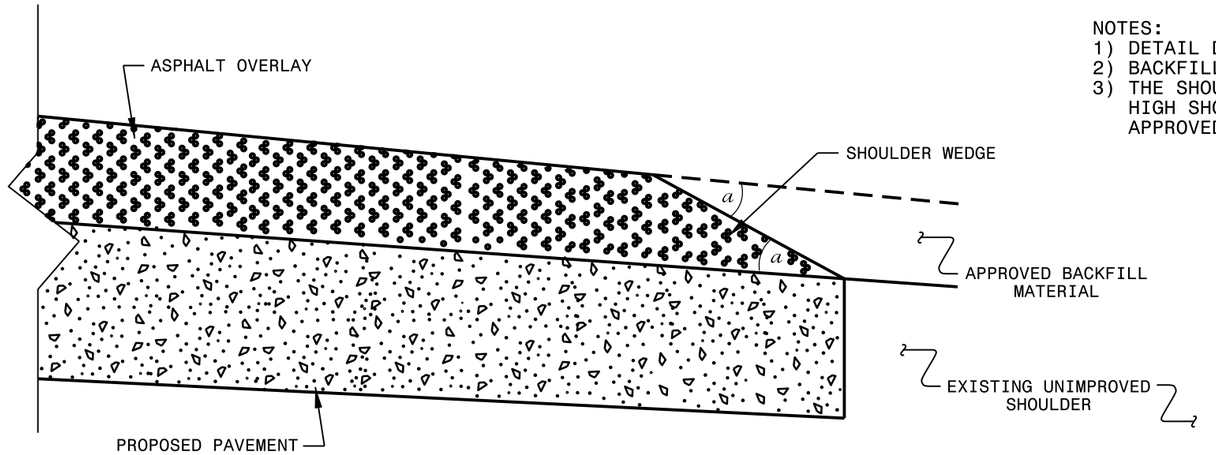
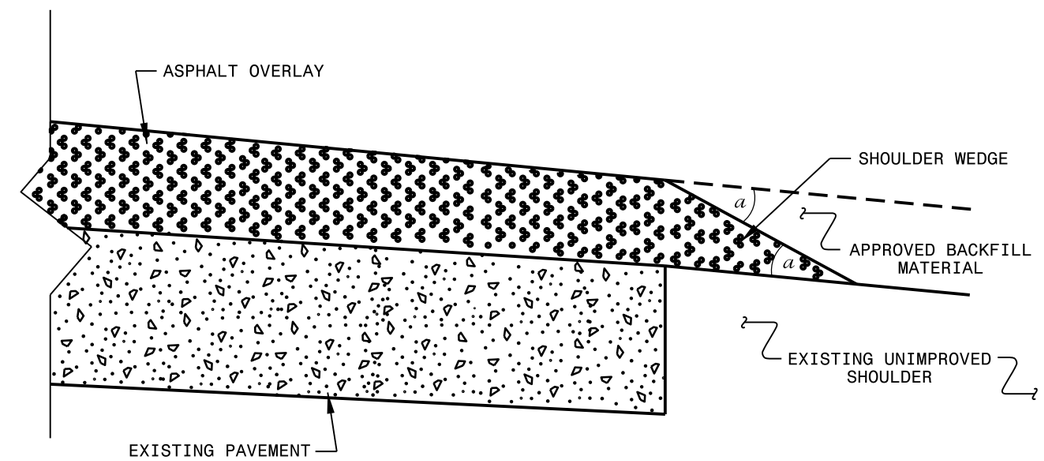
PROJECT REFERENCE NO.	SHEET NO.
2021CPT.03.03.10651, Etc.	18

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.



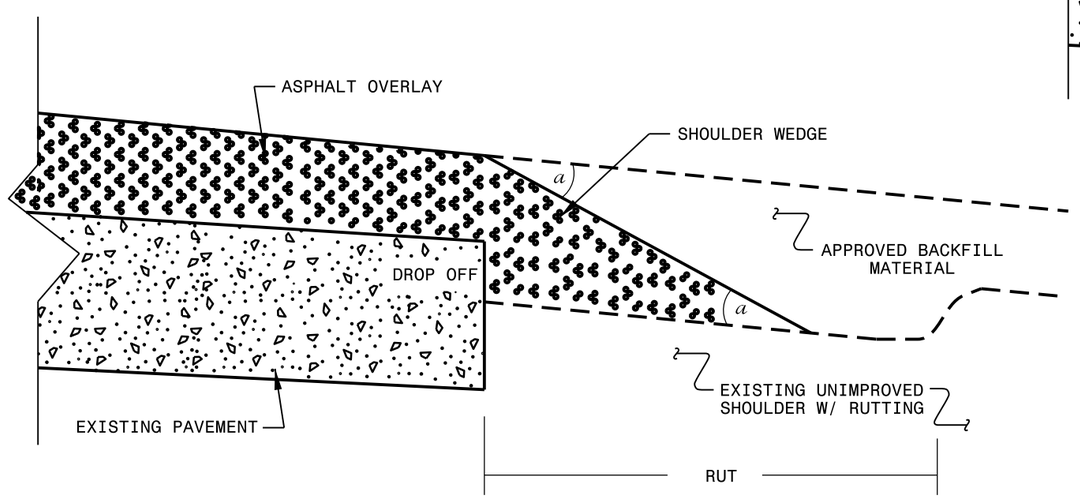
SHOULDER WEDGE DETAIL

(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.: sjusr/details/stand/shoulderwedgedetail.dgn

27-JUN-2018 13:52
S:\Contracts\Contracts\Resurfacing Projects\Division 3\Sampson August 2018\Revised Shoulder Wedge Detail.dgn
p.porter AT CSD 24,25,42

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.

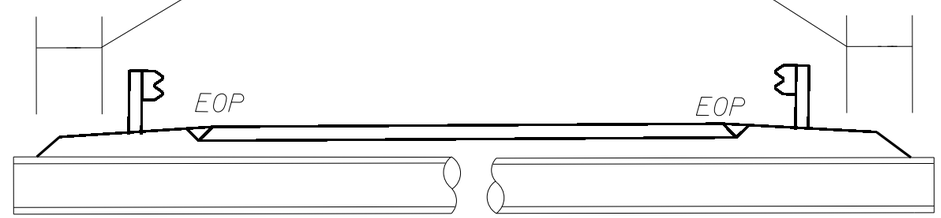
PROJECT REFERENCE NO.	SHEET NO.
2021CPT.03.03.10651, Etc	EC-2

EROSION CONTROL DETAIL

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

BMP Options: Wattle or Silt Fence

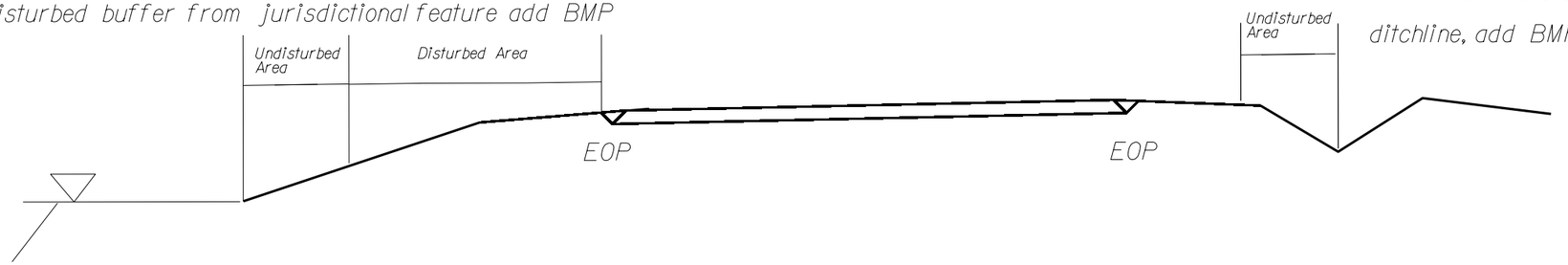
< 5' - 10' Undisturbed buffer add BMP



Pipe/Culvert

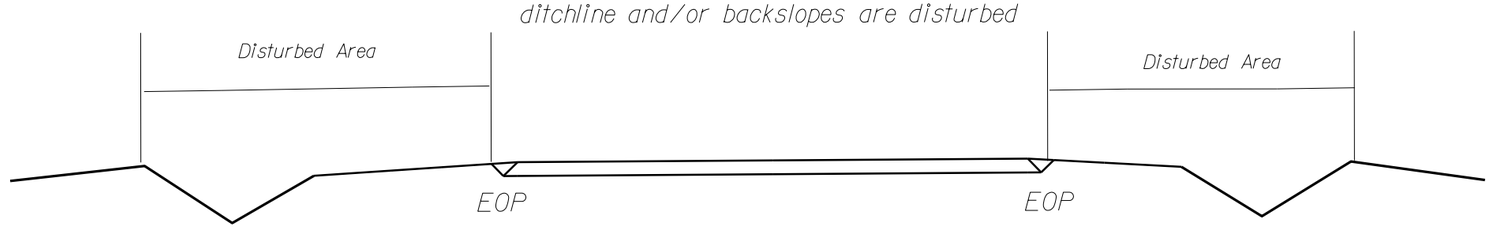
< 5' - 10' Undisturbed buffer from jurisdictional feature add BMP

< 5' - 10' Undisturbed buffer from ditchline, add BMP

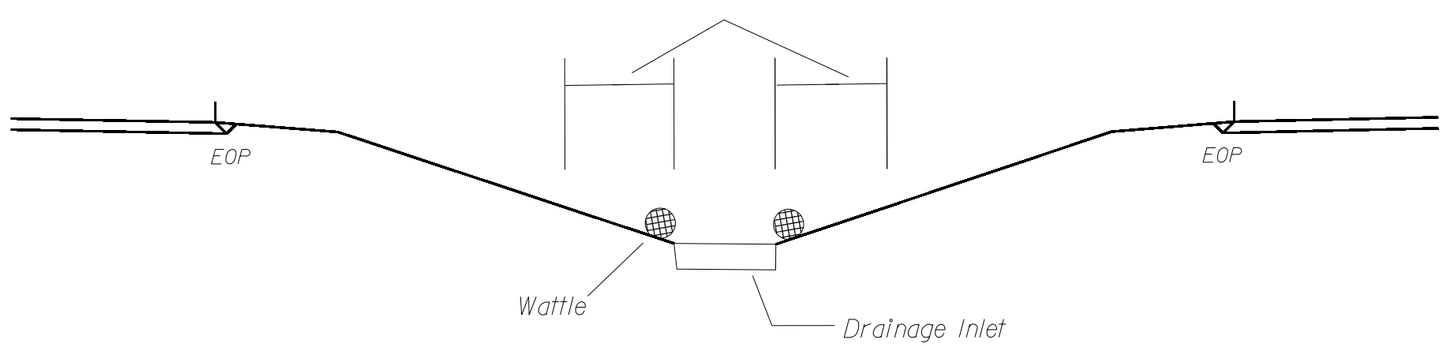


Jurisdictional Feature

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

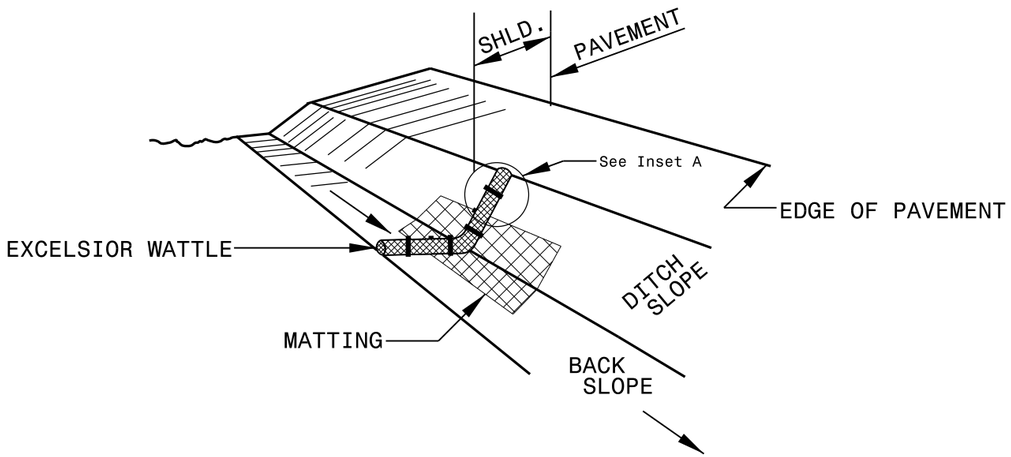


< 5' - 10' Undisturbed buffer from inlet, add wattle

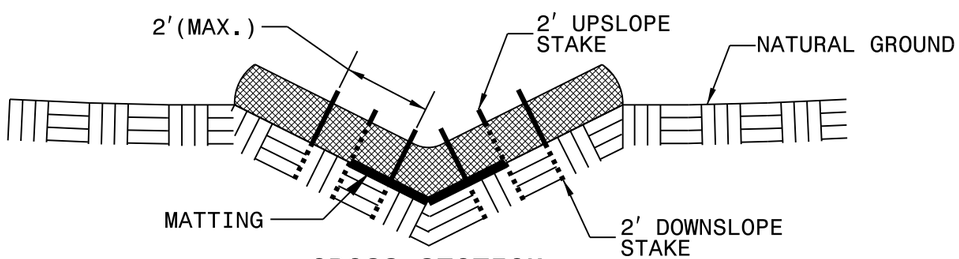


NOT TO SCALE

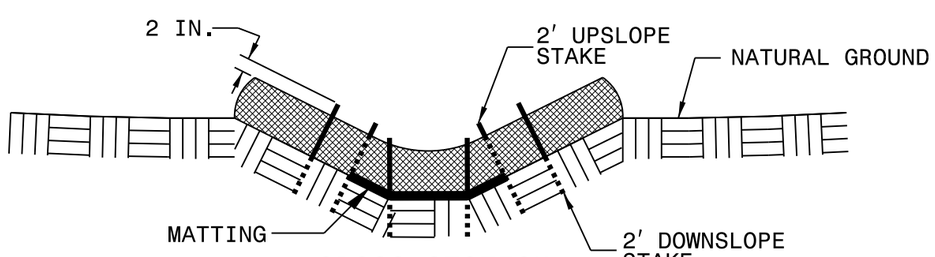
WATTLE DETAIL



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.

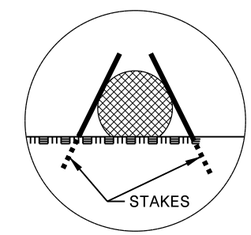
ONLY INSTALL WATTLE(S) TO A HEIGHT IN DITCH SO FLOW WILL NOT WASH AROUND WATTLE AND SCOUR DITCH SLOPES AND AS DIRECTED.

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

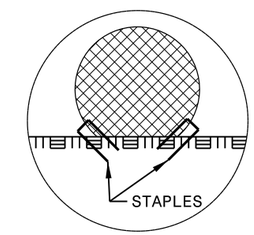
PROVIDE STAPLES MADE OF 0.125 IN. DIAMETER STEEL WIRE FORMED INTO A U SHAPE NOT LESS THAN 12″ IN LENGTH.

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

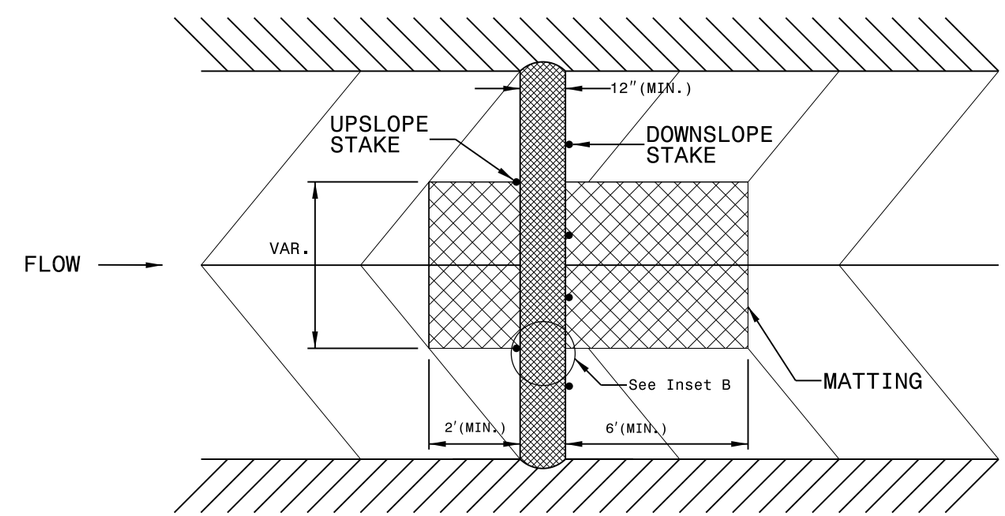
INSTALL MATTING IN ACCORDANCE WITH SECTION 1631 OF THE STANDARD SPECIFICATIONS.



INSET A



INSET B



TOP VIEW

11-FEB-2015 11:41
O:\Resurfacing_Data\2015 Resurfacing\Pender County\Plan Sheets\3CR.20711.173. EC RESURF.2015.dgn

PROJECT NO.	SHEET NO.
2021CPT.03.03.10651, ETC.	19

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	0043000000-N GRADING	0106000000-E BORROW EXCAVATION	1220000000-E INCIDENTAL STONE BASE	1243000000-E SHOULDER CONST.	1245000000-E SHOULDER RECONST.	1297000000-E 1.5" MILLING	1297000000-E 1.25" MILLING	1308000000-E 0" - 1.25" MILLING	1330000000-E INCIDENTAL MILLING	1491000000-E BASE COURSE, B25.0C	1519000000-E SURFACE COURSE, S9.5B	1520000000-E LEVELING COURSE, S9.5B	1523000000-E SURFACE COURSE, S9.5C	1526000000-E SURFACE COURSE, S4.75A
										MI	FT	LS	CY	TON	SMI	SMI	SY	SY	SY	SY	TONS	TON	TON	TON	TON
2021CPT.03.03.10651	New Hanover	1	US 17 BUS (MARKET ST.)	FROM EXISTING PVMT. JOINT NORTH OF US 74 (MLK/EASTWOOD RD) TO 0.06 MI. SOUTH OF STATION RD. (NS) MP 5.82 - MP 7.47	1	5	MU	NO	NO	1.65	60		100	20		1.00	62,485			125				5,350	
TOTAL FOR MAP NO. 1										**1.65**			**100**	**20**		**1.00**	**62,485**			**125**				**5,350**	
TOTAL FOR PROJ NO. 2021CPT.03.03.10651										**1.65**			**100**	**20**		**1.00**	**62,485**			**125**				**5,350**	
																	62,485								
2021CPT.03.03.20651	New Hanover	2	SR 1352 (USS NORTH CAROLINA RD)	FROM US 17/US 421 PVMT. JOINT TO END OF MAINTENANCE [MP 0.00 - MP 0.43]	1	2	2WU	NO	NO	0.43	24		75	5		0.82				96		540	125		
TOTAL FOR MAP NO. 2										**0.43**			**75**	**5**		**0.82**				**96**		**540**	**125**		
2021CPT.03.03.20651	NewHanover	3	SR 1300 (BATTLESHIP RD)	FROM SR 1352 (USS NORTH CAROLINA RD) TO END OF MAINTENANCE [MP 0.00 - MP 0.46)]	1	2	2WU	NO	NO	0.46	18		85	7		0.92				50		424			
TOTAL FOR MAP NO. 3										**0.46**			**85**	**7**		**0.92**				**50**		**424**			
2021CPT.03.03.20651	New Hanover	4	SR 2142 (POINT HARBOR RD)	FROM US 421 (NC 133) PAVT. JOINT TO SR 2189 (POINT HARBOR RD) [MP 0.00 - MP 0.03]	2	2	2WU	NO	NO	0.03	22									172		28			
TOTAL FOR MAP NO. 4										**0.03**										**172**		**28**			
2021CPT.03.03.20651	NewHanover	5	SR 2189 (POINT HARBOR RD)	FROM SR 2142 (POINT HARBOR RD) TO END OF MAINTENANCE [MP 0.00 - MP 0.40]	2	2	2WU	NO	NO	0.4	27		30	20		0.38						457			
TOTAL FOR MAP NO. 5										**0.4**			**30**	**20**		**0.38**						**457**			
2021CPT.03.03.20651	New Hanover	6	SR 2190 (POINT HARBOR RD)	FROM US 421 (NC 133) AT PVMT. JOINT TO SR 2189 (POINT HARBOR RD) [MP 0.00 - MP 0.03]	2	2	2WU	NO	NO	0.03	32		5			0.03				77		36			
TOTAL FOR MAP NO. 6										**0.03**			**5**			**0.03**				**77**		**36**			
2021CPT.03.03.20651	NewHanover	7	SR 1331 (ROCKHILL RD)	FROM NC 133 (CASTLE HAYNE RD) TO END OF MAINTENANCE [MP 0.00 - MP 1.67]	1	2	2WU	NO	NO	1.67	18		294	76		3.20				206		1,617	200		
TOTAL FOR MAP NO. 7										**1.67**			**294**	**76**		**3.20**				**206**		**1,617**	**200**		
2021CPT.03.03.20651	New Hanover	8	SR 1350 (WHITMAN AVE)	FROM NC 133 (CASTLE HAYNE RD) TO END OF MAINTENANCE [MP 0.00 - MP 0.44]	2	2	2WD	NO	NO	0.44	18		68	16		0.88				53		337			
TOTAL FOR MAP NO. 8										**0.44**			**68**	**16**		**0.88**				**53**		**337**			
2021CPT.03.03.20651	New Hanover	9	SR 1354 (HORNE PLACE DR)	FROM NC 133 (CASTLE HAYNE RD) TO END OF MAINTENANCE [MP 0.00 - MP 0.70]	2	2	2WU	NO	NO	0.7	20		107	12		1.40				56		596			
TOTAL FOR MAP NO. 9										**0.7**			**107**	**12**		**1.40**				**56**		**596**			
2021CPT.03.03.20651	New Hanover	10	SR 1403 (MIDDLE SOUND LOOP RD)	FROM PVMT. JOINT 0.13 MI. EAST OF US 17 BUS (MARKET ST) TO PVMT. JOINT BEFORE ROUNDABOUT [MP 0.13 - MP 0.54]	1	2	2WU	NO	NO	0.41	22		76	16		0.82				134		461			
TOTAL FOR MAP NO. 10										**0.41**			**76**	**16**		**0.82**				**134**		**461**			
2021CPT.03.03.20651	New Hanover	11	SR 2662 (BARBADOS BLVD)	FROM SR 1002 (HOLLY SHELTER RD) TO SR 2771 (LAS TORTUGAS DR) [MP 0.00 - MP 0.47]	3	2	2WU	NO	NO	0.47	26	1			0.07	0.79				787	531	724			
TOTAL FOR MAP NO. 11										**0.47**		**1**			**0.07**	**0.79**				**787**	**531**	**724**			
2021CPT.03.03.20651	New Hanover	12	SR 2771 (LAS TORTUGAS DR)	FROM SR 2662 (BARBADOS BLVD) TO END OF MAINTENANCE [MP 0.00 - MP 0.13]	1	2	2WU	NO	NO	0.13	20		12			0.26				67		145			
TOTAL FOR MAP NO. 12										**0.13**			**12**			**0.26**				**67**		**145**			
2021CPT.03.03.20651	New Hanover	13	SR 2772 (FARRINGTON FARMS DR)	FROM SR 2048 (GORDON RD) TO END OF MAINTENANCE [MP 0.00 - MP 0.4]	4	2	2WU	NO	NO	0.4	30							485	3,250			510			
TOTAL FOR MAP NO. 13										**0.4**								**485**	**3,250**			**510**			
2021CPT.03.03.20651	NewHanover	14	SR 1769 (WEYBRIDGE LN)	FROM NC 132 (S COLLEGE RD) TO CUL-DE-SAC [MP 0.00 - MP 0.67]	4	2	2WU	NO	NO	0.67	32							432	4,786			911			
TOTAL FOR MAP NO. 14										**0.67**								**432**	**4,786**			**911**			
2021CPT.03.03.20651	New Hanover	15	SR 1581 (MANASSAS DR)	FROM US 421 TO END OF MAINTENANCE [MP 0.00 - MP 0.23]	5	2	2WD	NO	NO	0.23	20		75	20		0.77				460	225	354			
TOTAL FOR MAP NO. 15										**0.23**			**75**	**20**		**0.77**				**460**	**225**	**354**			

PROJECT NO.	SHEET NO.
2021CPT.03.03.10651, ETC.	20

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	0043000000-N GRADING	0106000000-E BORROW EXCAVATION	1220000000-E INCIDENTAL STONE BASE	1243000000-E SHOULDER CONST.	1245000000-E SHOULDER RECONST.	1297000000-E 1.5" MILLING	1297000000-E 1.25" MILLING	1308000000-E 0" - 1.25" MILLING	1330000000-E INCIDENTAL MILLING	1491000000-E BASE COURSE, B25.0C	1519000000-E SURFACE COURSE, S9.5B	1520000000-E LEVELING COURSE, S9.5B	1523000000-E SURFACE COURSE, S9.5C	1526000000-E SURFACE COURSE, S4.75A
										MI	FT	LS	CY	TON	SMI	SMI	SY	SY	SY	SY	TONS	TON	TON	TON	TON
2021CPT.03.03.20651	NewHanover	16	SR 1582 (SHILOH DR)	FROM SR 1581 (MANASSAS DR) TO SR 1639 (ANTIETAM DR) [MP 0.00 - MP 0.53]	1	2	2WU	NO	NO	0.53	18		65	30		1.06				128		511			
TOTAL FOR MAP NO. 16										**0.53**			**65**	**30**		**1.06**				**128**		**511**			
2021CPT.03.03.20651	NewHanover	17	SR 1988 (HEATON PL)	FROM SR 1986 (OYSTER DR) TO SR 1989 (HAVEN WAY) [MP 0.00 - MP 0.07]	4	2	2WU	NO	NO	0.07	22								526			69			
TOTAL FOR MAP NO. 17										**0.07**									**526**			**69**			
2021CPT.03.03.20651	NewHanover	18	SR 1931 (CHASE LN)	FROM SR 1929 (WENDOVER LN) TO SR 1933 (WAGON WHEEL WAY) [MP 0.00 - MP 0.13]	4	2	2WU	NO	NO	0.13	24								990			133			
TOTAL FOR MAP NO. 18										**0.13**									**990**			**133**			
2021CPT.03.03.20651	New Hanover	19	SR 2605 (BRIDGEPORT/BRINKMAN DR.)	FROM CUL-DE-SAC TO CUL-DE-SAC [MP 0.00 - MP 0.82]	4	2	2WU	NO	NO	0.82	22								6,302			768	16		
TOTAL FOR MAP NO. 19										**0.82**									**6,302**			**768**	**16**		
2021CPT.03.03.20651	NewHanover	20	SR 2869 (BRADFIELD CT)	FROM CUL-DE-SAC TO SR 2874 (BRODICK CT) [MP 0.00 - MP 0.45]	4	2	2WU	NO	NO	0.45	24								3,396			459	100		
TOTAL FOR MAP NO. 20										**0.45**									**3,396**			**459**	**100**		
2021CPT.03.03.20651	NewHanover	21	SR 1986 (OYSTER LN)	FROM SR 1403 (MIDDLE SOUND LOOP) TO SR 1929 (WENDOVER LN) [MP 0.00 - MP 0.48]	4	2	2WU	NO	NO	0.48	22								3,435			449	10		
TOTAL FOR MAP NO. 21										**0.48**									**3,435**			**449**	**10**		
2021CPT.03.03.20651	NewHanover	22	SR 2148 (OLD MILL RD)	FROM NC 133 TO SR 2335 (ALEX TRASK DR) [MP 0.00 - MP 0.78]	4	2	2WU	NO	NO	0.78	34		84	4		1.35		2,200	882			1,073	16		
TOTAL FOR MAP NO. 22										**0.78**			**84**	**4**		**1.35**		**2,200**	**882**			**1,073**	**16**		
2021CPT.03.03.20651	NewHanover	23	SR 2668 (MAYFIELD CT)	FROM SR 2666 (SAPLING CIR) TO CUL-DE-SAC [MP 0.00 - MP 0.03)	6	2	2WU	NO	NO	0.03	18												10		60
TOTAL FOR MAP NO. 23										**0.03**													**10**		**60**
TOTAL FOR PROJ NO. 2021CPT.03.03.20651										**9.76**		**1**	**976**	**206**	**0.07**	**12.68**		**3,117**	**23,567**	**2,286**	**756**	**10,602**	**477**		**60**
																	3,117								
2021CPT.03.03.20652	NewHanover	24	SR 2673 (OVALBERRY CT)	FROM SR 2672 (LOBLOLLY CT) TO CUL-DE-SAC [MP 0.00 - MP 0.04]	6	2	2WU	NO	NO	0.04	18														25
TOTAL FOR MAP NO. 24										**0.04**															**25**
2021CPT.03.03.20652	NewHanover	25	SR 2623 (GORDON WOODS RD)	FROM SR 2621 (INDIAN WELLS WAY) TO SR 2626 (WINTER MOSS LN) [MP 0.00 - MP 0.38]	6	2	2WU	NO	NO	0.38	24														305
TOTAL FOR MAP NO. 25										**0.38**															**305**
2021CPT.03.03.20652	NewHanover	26	SR 2629 (AUTUMN LEAVES CT)	FROM CUL-DE-SAC TO CUL-DE-SAC [MP 0.00 - MP 0.19]	6	2	2WU	NO	NO	0.19	18														122
TOTAL FOR MAP NO. 26										**0.19**															**122**
2021CPT.03.03.20652	NewHanover	27	SR 1925 (MALLOW RD)	FROM SR 1363 (BAYSHORE DR) TO CUL-DE-SAC [MP 0.00 - MP 0.27]	7	2	2WU	NO	NO	0.27	20														189
TOTAL FOR MAP NO. 27										**0.27**															**189**
2021CPT.03.03.20652	NewHanover	28	SR 2669 (SHADEBRANCH CT)	FROM SR 2666 (SAPLING CIR) TO CUL-DE-SAC [MP 0.00 - MP 0.02]	6	2	2WU	NO	YES	0.03	18														23
TOTAL FOR MAP NO. 28										**0.03**															**23**
2021CPT.03.03.20652	NewHanover	29	SR 2664 (TASSLE CT)	FROM SR 1328 (WHITE RD) TO CUL-DE-SAC [MP 0.00 - MP 0.02]	6	2	2WU	NO	NO	0.02	18														30
TOTAL FOR MAP NO. 29										**0.02**															**30**
2021CPT.03.03.20652	NewHanover	30	SR 2624 (BIRCHBARK CT)	FROM SR 2623 (GORDON WOODS RD) TO CUL-DE-SAC [MP 0.00 - 0.02]	6	2	2WU	NO	NO	0.02	18														31
TOTAL FOR MAP NO. 30										**0.02**															**31**
2021CPT.03.03.20652	NewHanover	31	SR 2625 (INKBERRY CT)	FROM SR 2623 (GORDON WOODS RD) TO CUL-DE-SAC [MP 0.00 - MP 0.02]	6	2	2WU	NO	NO	0.02	18														30
TOTAL FOR MAP NO. 31										**0.02**															**30**
2021CPT.03.03.20652	NewHanover	32	SR 2628 (BARKWOOD CT)	FROM SR 2626 (WINTER MOSS LN) TO CUL-DE-SAC [MP 0.00 - MP 0.02)	6	2	2WU	NO	NO	0.02	20														30
TOTAL FOR MAP NO. 32										**0.02**															**30**
2021CPT.03.03.20652	NewHanover	33	SR 2627 (PAMPASS CT)	FROM SR 2626 (WINTER MOSS LN) TO CUL-DE-SAC (MP 0.00 - MP 0.03)	6	2	2WU	NO	NO	0.03	18														34
TOTAL FOR MAP NO. 33										**0.03**															**34**
2021CPT.03.03.20652	NewHanover	34	SR 2728 (EVERBREEZE LN)	FROM CUL-DE-SAC TO CUL-DE-SAC [MP 0.00 - MP 0.06]	6	2	2WU	NO	NO	0.06	18														65
TOTAL FOR MAP NO. 34										**0.06**															**65**

PROJECT NO.	SHEET NO.
2021CPT.03.03.10651, ETC.	21

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	0043000000-N GRADING	0106000000-E BORROW EXCAVATION	1220000000-E INCIDENTAL STONE BASE	1243000000-E SHOULDER CONST.	1245000000-E SHOULDER RECONST.	1297000000-E 1.5" MILLING	1297000000-E 1.25" MILLING	1308000000-E 0" - 1.25" MILLING	1330000000-E INCIDENTAL MILLING	1491000000-E BASE COURSE, B25.0C	1519000000-E SURFACE COURSE, S9.5B	1520000000-E LEVELING COURSE, S9.5B	1523000000-E SURFACE COURSE, S9.5C	1526000000-E SURFACE COURSE, S4.75A
										MI	FT	LS	CY	TON	SMI	SMI	SY	SY	SY	SY	TONS	TON	TON	TON	TON
2021CPT.03.03.20652	NewHanover	35	SR 2727 (BLACKBURN CT)	FROM SR 2726 (WORHTINGTON WAY) TO CUL-DE-SAC [MP 0.00 - MP 0.05]	6	2	2WU	NO	NO	0.05	18														38
TOTAL FOR MAP NO. 35										**0.05**															**38**
2021CPT.03.03.20652	NewHanover	36	SR 2726 (WORTHINGTON WAY)	FROM SR 2621 (INDIAN WELLS WAY) TO SR 2728 (EVERBREEZE LN) [MP 0.00 - MP 0.14)	6	2	2WU	NO	NO	0.14	20														80
TOTAL FOR MAP NO. 36										**0.14**															**80**
2021CPT.03.03.20652	NewHanover	37	SR 2671 (MERKLEBAY CT)	FROM SR 2666 (SAPLING CIR.) TO CUL-DE-SAC [MP 0.00 - MP 0.05]	6	2	2WU	NO	NO	0.05	18														41
TOTAL FOR MAP NO. 37										**0.05**															**41**
2021CPT.03.03.20652	NewHanover	38	SR 2674 (WILDBERRY CT)	FROM SR 2666 (SAPLING CIR) TO CUL-DE-SAC [MP 0.00 - MP 0.05]	6	2	2WU	NO	NO	0.05	18														40
TOTAL FOR MAP NO. 38										**0.05**															**40**
2021CPT.03.03.20652	NewHanover	39	SR 2621 (INDIAN WELLS WAY)	FROM SR 2048 (GORDON RD) TO CUL-DE-SAC [MP 0.00 - MP 0.24]	6	2	2WU	NO	NO	0.24	24														169
TOTAL FOR MAP NO. 39										**0.24**															**169**
2021CPT.03.03.20652	NewHanover	40	SR 2670 (CONIFER CT)	SR 2666 (SAPLING CIR) TO CUL-DE-SAC [MP 0.00 - MP 0.02]	6	2	2WU	NO	NO	0.02	18														21
TOTAL FOR MAP NO. 40										**0.02**															**21**
2021CPT.03.03.20652	NewHanover	41	SR 2315 (SATARA DR)	FROM NC 132 (S. COLLEGE RD) TO CUL-DE-SAC [MP 0.00 - MP 0.46]	7	2	2WU	NO	NO	0.46	20														241
TOTAL FOR MAP NO. 41										**0.46**															**241**
2021CPT.03.03.20652	NewHanover	42	SR 2340 (CHAPRA DR)	FROM SR 2315 (SATARA DR) TO EXISTING PAVEMENT JT. [MP 0.00 - MP 0.45]	7	2	2WU	NO	NO	0.45	20														236
TOTAL FOR MAP NO. 42										**0.45**															**236**
2021CPT.03.03.20652	NewHanover	43	SR 2339 (QUILON CIRCLE)	FROM CUL-DE-SAC TO SR 2340 (CHAPRA DR) [MP 0.00 - MP 0.20]	7	2	2WU	NO	NO	0.2	18														114
TOTAL FOR MAP NO. 43										**0.2**															**114**
2021CPT.03.03.20652	NewHanover	44	SR 2338 (TROMBAY DR)	FROM NC 132 (S. COLLEGE RD) TO SR 2339 (QUILON CIR) [MP 0.00 -.MP 0.29]	7	2	2WU	NO	NO	0.29	20														152
TOTAL FOR MAP NO. 44										**0.29**															**152**
2021CPT.03.03.20652	NewHanover	45	SR 2191 (BEAWOOD RD)	FROM SR 2147 (PENCADE RD) TO SR 2192 (GRAYSTONE RD) [MP 0.00 - MP 0.33]	7	2	2WU	NO	NO	0.33	20														165
TOTAL FOR MAP NO. 45										**0.33**															**165**
2021CPT.03.03.20652	NewHanover	46	SR 2192 (GRAYSTONE RD)	FROM SR 2147 (PENCADE RD) TO SR 2191 (BEAWOOD RD) [MP 0.00 - MP 0.28]	7	2	2WU	NO	NO	0.28	20														140
TOTAL FOR MAP NO. 46										**0.28**															**140**
2021CPT.03.03.20652	NewHanover	47	SR 2193 (CHERAW CT)	FROM SR 2192 (GRAYSTONE RD) TO CUL-DE-SAC [MP 0.00 - MP 0.03]	7	2	2WU	NO	NO	0.03	18														26
TOTAL FOR MAP NO. 47										**0.03**															**26**
2021CPT.03.03.20652	NewHanover	48	SR 2194 (ARCHDALE RD)	FROM SR 2192 (GRAYSTONE RD) TO SR 2191 (BEAWOOD RD) [MP 0.00 - MP 0.10]	7	2	2WU	NO	NO	0.1	20														50
TOTAL FOR MAP NO. 48										**0.1**															**50**
2021CPT.03.03.20652	New Hanover	49	SR 2323 (BARNARDS LANDING RD)	FROM SR 1265 (INDIAN TRAIL) TO SR 2359 (BALFOURE DR) [MP 0.00 - MP 0.36]	8	2	2WU	NO	NO	0.36	28														251
TOTAL FOR MAP NO. 49										**0.36**															**251**
2021CPT.03.03.20652	New Hanover	50	SR 1262 (HORN ROAD)	FROM SR 1238 (ILEX ROAD) TO US 421 (CAROLINA BEACH ROAD) MP 0.00 - MP 0.70	8	2	2WU	NO	NO	0.7	20			150											465
TOTAL FOR MAP NO. 50										**0.7**				**150**											**465**
2021CPT.03.03.20652	New Hanover	51	SR 1265 (INDIAN TRAIL)	FROM CUL-DE-SAC TO SR 1255 (YULAN DR) [MP 0.00 - MP 0.31]	8	2	2WU	NO	NO	0.31	30														349
TOTAL FOR MAP NO. 51										**0.31**															**349**
2021CPT.03.03.20652	NewHanover	52	SR2237 (LURAY DR.)	FROM SR 2235 (CREEK RIDGE RD) TO SR 2238 (POTOMAC CT) [MP 0.00 - MP 0.08]	7	2	2WU	NO	NO	0.08	26														52
TOTAL FOR MAP NO. 52										**0.08**															**52**

PROJECT NO.	SHEET NO.
2021CPT.03.03.10651, ETC.	22

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	0043000000-N GRADING	0106000000-E BORROW EXCAVATION	1220000000-E INCIDENTAL STONE BASE	1243000000-E SHOULDER CONST.	1245000000-E SHOULDER RECONST.	1297000000-E 1.5" MILLING	1297000000-E 1.25" MILLING	1308000000-E 0" - 1.25" MILLING	1330000000-E INCIDENTAL MILLING	1491000000-E BASE COURSE, B25.0C	1519000000-E SURFACE COURSE, S9.5B	1520000000-E LEVELING COURSE, S9.5B	1523000000-E SURFACE COURSE, S9.5C	1526000000-E SURFACE COURSE, S4.75A
										MI	FT	LS	CY	TON	SMI	SMI	SY	SY	SY	SY	TONS	TON	TON	TON	TON
2021CPT.03.03.20652	NewHanover	53	SR 2238 (POTOMAC CT)	FROM CUL-DE-SAC TO SR 2720 (HERFORD CT) [MP 0.00 - MP 0.42]	7	2	2WU	NO	NO	0.42	24														251
TOTAL FOR MAP NO. 53										**0.42**															**251**
2021CPT.03.03.20652	NewHanover	54	NC STATE PORT	PATCHING EXISTING PAVEMENT ON NC STATE PORT PROPERTY		2		NO	NO	1	24														
TOTAL FOR MAP NO. 54										**1**															
TOTAL FOR PROJ NO. 2021CPT.03.03.20652										**6.64**				**150**											**3,765**
GRAND TOTAL										**18.05**		**1**	**1,076**	**376**	**0.07**	**13.68**	**62,485**	**3,117**	**23,567**	**2,411**	**756**	**10,602**	**477**	**5,350**	**3,825**
																	65,602								

PROJECT NO.	SHEET NO.
2021CPT.03.03.10651, ETC.	23

SUMMARY OF QUANTITIES

									1575000000-E	1775500000-E	1838000000-E	1880000000-E			2600000000-N	2605000000-N	2613000000-N	2738000000-E	2752000000-E	2759000000-N		2830000000-N	2845000000-N	5255000000-N	6000000000-E
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	ASPHALT BINDER FOR PLANT MIX	ASPHALT SURFACE TREATMENT, MATCOAT, #67 GRANITE	EMULSION FOR ASPHALT SURFACE TREATMENT	PATCHING EXISTING PAVEMENT (FULL DEPTH) GENERIC	PATCHING EXISTING PAVEMENT (MILL) GENERIC	PATCHING EXISTING PAVEMENT I19.0C (MILL) GENERIC	RETROFIT EXISTING CURB RAMP	CONCRETE CURB RAMP	REMOVE & REPLACE CURB RAMPS (GENERIC)	REMOVE AND REPLACE 4" CONCRETE SIDEWALK (GENERIC)	REMOVE & REPLACE 2' CONCRETE VALLEY CURB	REMOVE CURB RAMPS (GENERIC)	ADJ. OF MONUMENTS (GENERIC)	ADJ. OF MANHOLES	ADJ. OF METER OR VALVE BOX	PORTABLE LIGHTING	TEMPORARY SILT FENCE
									TON	SY	GAL	TON	TON	TON	EA	EA	EA	SY	LF	EA	EA	EA	EA	LS	LF
2021CPT.03.03.10651	New Hanover	1	US 17 BUS (MARKET ST.)	FROM EXISTING PVMT. JOINT NORTH OF US 74 (MLK/EASTWOOD RD) TO 0.06 MI. SOUTH OF STATION RD. (NS) MP 5.82 - MP 7.47	1	5	MU	NO	321				100		2	1	3			1				1	100
TOTAL FOR MAP NO. 1									**321**				**100**		**2**	**1**	**3**			**1**				**1**	**100**
TOTAL FOR PROJ NO. 2021CPT.03.03.10651									**321**				**100**		**2**	**1**	**3**			**1**				**1**	**100**
													100								**1**				
2021CPT.03.03.20651	New Hanover	2	SR 1352 (USS NORTH CAROLINA RD)	FROM US 17/US 421 PVMT. JOINT TO END OF MAINTENANCE [MP 0.00 - MP 0.43]	1	2	2WU	NO	45			50													100
TOTAL FOR MAP NO. 2									**45**			**50**													**100**
2021CPT.03.03.20651	NewHanover	3	SR 1300 (BATTLESHIP RD)	FROM SR 1352 (USS NORTH CAROLINA RD) TO END OF MAINTENANCE [MP 0.00 - MP 0.46)]	1	2	2WU	NO	28			21	25												50
TOTAL FOR MAP NO. 3									**28**			**21**	**25**												**50**
2021CPT.03.03.20651	New Hanover	4	SR 2142 (POINT HARBOR RD)	FROM US 421 (NC 133) PAVT. JOINT TO SR 2189 (POINT HARBOR RD) [MP 0.00 - MP 0.03]	2	2	2WU	NO	2																
TOTAL FOR MAP NO. 4									**2**																
2021CPT.03.03.20651	NewHanover	5	SR 2189 (POINT HARBOR RD)	FROM SR 2142 (POINT HARBOR RD) TO END OF MAINTENANCE [MP 0.00 - MP 0.40]	2	2	2WU	NO	31																25
TOTAL FOR MAP NO. 5									**31**																**25**
2021CPT.03.03.20651	New Hanover	6	SR 2190 (POINT HARBOR RD)	FROM US 421 (NC 133) AT PVMT. JOINT TO SR 2189 (POINT HARBOR RD) [MP 0.00 - MP 0.03]	2	2	2WU	NO	2																25
TOTAL FOR MAP NO. 6									**2**																**25**
2021CPT.03.03.20651	NewHanover	7	SR 1331 (ROCKHILL RD)	FROM NC 133 (CASTLE HAYNE RD) TO END OF MAINTENANCE [MP 0.00 - MP 1.67]	1	2	2WU	NO	122	17,726	7,095	158													167
TOTAL FOR MAP NO. 7									**122**	**17,726**	**7,095**	**158**													**167**
2021CPT.03.03.20651	New Hanover	8	SR 1350 (WHITMAN AVE)	FROM NC 133 (CASTLE HAYNE RD) TO END OF MAINTENANCE [MP 0.00 - MP 0.44]	2	2	2WD	NO	23			21	50												44
TOTAL FOR MAP NO. 8									**23**			**21**	**50**												**44**
2021CPT.03.03.20651	New Hanover	9	SR 1354 (HORNE PLACE DR)	FROM NC 133 (CASTLE HAYNE RD) TO END OF MAINTENANCE [MP 0.00 - MP 0.70]	2	2	2WU	NO	40			120	75												50
TOTAL FOR MAP NO. 9									**40**			**120**	**75**												**50**
2021CPT.03.03.20651	New Hanover	10	SR 1403 (MIDDLE SOUND LOOP RD)	FROM PVMT. JOINT 0.13 MI. EAST OF US 17 BUS (MARKET ST) TO PVMT. JOINT BEFORE ROUNDABOUT [MP 0.13 - MP 0.54]	1	2	2WU	NO	31			70													50
TOTAL FOR MAP NO. 10									**31**			**70**													**50**
2021CPT.03.03.20651	New Hanover	11	SR 2662 (BARBADOS BLVD)	FROM SR 1002 (HOLLY SHELTER RD) TO SR 2771 (LAS TORTUGAS DR) [MP 0.00 - MP 0.47]	3	2	2WU	NO	72				20												200
TOTAL FOR MAP NO. 11									**72**				**20**												**200**
2021CPT.03.03.20651	New Hanover	12	SR 2771 (LAS TORTUGAS DR)	FROM SR 2662 (BARBADOS BLVD) TO END OF MAINTENANCE [MP 0.00 - MP 0.13]	1	2	2WU	NO	10																25
TOTAL FOR MAP NO. 12									**10**																**25**
2021CPT.03.03.20651	New Hanover	13	SR 2772 (FARRINGTON FARMS DR)	FROM SR 2048 (GORDON RD) TO END OF MAINTENANCE [MP 0.00 - MP 0.4]	4	2	2WU	NO	34			150					12	28	75		16	2	4		
TOTAL FOR MAP NO. 13									**34**			**150**					**12**	**28**	**75**		**16**	**2**	**4**		
2021CPT.03.03.20651	NewHanover	14	SR 1769 (WEYBRIDGE LN)	FROM NC 132 (S COLLEGE RD) TO CUL-DE-SAC [MP 0.00 - MP 0.67]	4	2	2WU	NO	61			60	30								21	5			
TOTAL FOR MAP NO. 14									**61**			**60**	**30**								**21**	**5**			
2021CPT.03.03.20651	New Hanover	15	SR 1581 (MANASSAS DR)	FROM US 421 TO END OF MAINTENANCE [MP 0.00 - MP 0.23]	5	2	2WD	NO	34			40													77
TOTAL FOR MAP NO. 15									**34**			**40**													**77**

PROJECT NO.	SHEET NO.
2021CPT.03.03.10651, ETC.	24

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	1575000000-E ASPHALT BINDER FOR PLANT MIX	1775500000-E ASPHALT SURFACE TREATMENT, MATCOAT, #67 GRANITE	1838000000-E EMULSION FOR ASPHALT SURFACE TREATMENT	1880000000-E PATCHING EXISTING PAVEMENT (FULL DEPTH) GENERIC	1880000000-E PATCHING EXISTING PAVEMENT (MILL) GENERIC	1880000000-E PATCHING EXISTING PAVEMENT I19.0C (MILL) GENERIC	2600000000-N RETROFIT EXISTING CURB RAMP	2605000000-N CONCRETE CURB RAMP	2613000000-N REMOVE & REPLACE CURB RAMPS (GENERIC)	2738000000-E REMOVE AND REPLACE 4" CONCRETE SIDEWALK (GENERIC)	2752000000-E REMOVE & REPLACE 2' CONCRETE VALLEY CURB	2759000000-N REMOVE CURB RAMPS (GENERIC)	2759000000-N ADJ. OF MONUMENTS (GENERIC)	2830000000-N ADJ. OF MANHOLES	2845000000-N ADJ. OF METER OR VALVE BOX	5255000000-N PORTABLE LIGHTING	6000000000-E TEMPORARY SILT FENCE
									TON	SY	GAL	TON	TON	TON	EA	EA	EA	SY	LF	EA	EA	EA	EA	LS	LF
2021CPT.03.03.20651	NewHanover	16	SR 1582 (SHILOH DR)	FROM SR 1581 (MANASSAS DR) TO SR 1639 (ANTIETAM DR) [MP 0.00 - MP 0.53]	1	2	2WU	NO	34			47									1				50
TOTAL FOR MAP NO. 16									**34**			**47**									**1**				**50**
2021CPT.03.03.20651	NewHanover	17	SR 1988 (HEATON PL)	FROM SR 1986 (OYSTER DR) TO SR 1989 (HAVEN WAY) [MP 0.00 - MP 0.07]	4	2	2WU	NO	5			21									2	1	1		
TOTAL FOR MAP NO. 17									**5**			**21**									**2**	**1**	**1**		
2021CPT.03.03.20651	NewHanover	18	SR 1931 (CHASE LN)	FROM SR 1929 (WENDOVER LN) TO SR 1933 (WAGON WHEEL WAY) [MP 0.00 - MP 0.13]	4	2	2WU	NO	9			42									3	2			
TOTAL FOR MAP NO. 18									**9**			**42**									**3**	**2**			
2021CPT.03.03.20651	New Hanover	19	SR 2605 (BRIDGEPORT/BRINKMAN DR.)	FROM CUL-DE-SAC TO CUL-DE-SAC [MP 0.00 - MP 0.82]	4	2	2WU	NO	53			85	90								26				
TOTAL FOR MAP NO. 19									**53**			**85**	**90**								**26**				
2021CPT.03.03.20651	NewHanover	20	SR 2869 (BRADFIELD CT)	FROM CUL-DE-SAC TO SR 2874 (BRODICK CT) [MP 0.00 - MP 0.45]	4	2	2WU	NO	37			37									11	3	2		
TOTAL FOR MAP NO. 20									**37**			**37**									**11**	**3**	**2**		
2021CPT.03.03.20651	NewHanover	21	SR 1986 (OYSTER LN)	FROM SR 1403 (MIDDLE SOUND LOOP) TO SR 1929 (WENDOVER LN) [MP 0.00 - MP 0.48]	4	2	2WU	NO	31			63									9	11			
TOTAL FOR MAP NO. 21									**31**			**63**									**9**	**11**			
2021CPT.03.03.20651	NewHanover	22	SR 2148 (OLD MILL RD)	FROM NC 133 TO SR 2335 (ALEX TRASK DR) [MP 0.00 - MP 0.78]	4	2	2WU	NO	73			120									12	13			67
TOTAL FOR MAP NO. 22									**73**			**120**									**12**	**13**			**67**
2021CPT.03.03.20651	NewHanover	23	SR 2668 (MAYFIELD CT)	FROM SR 2666 (SAPLING CIR) TO CUL-DE-SAC [MP 0.00 - MP 0.03)	6	2	2WU	NO	5				40								1	1	1		
TOTAL FOR MAP NO. 23									**5**				**40**								**1**	**1**	**1**		
TOTAL FOR PROJ NO. 2021CPT.03.03.20651									**782**	**17,726**	**7,095**	**1,105**	**330**				**12**	**28**	**75**		**102**	**38**	**8**		**930**
													1,435							**102**					
2021CPT.03.03.20652	NewHanover	24	SR 2673 (OVALBERRY CT)	FROM SR 2672 (LOBLOLLY CT) TO CUL-DE-SAC [MP 0.00 - MP 0.04]	6	2	2WU	NO	2												1	1			
TOTAL FOR MAP NO. 24									**2**												**1**	**1**			
2021CPT.03.03.20652	NewHanover	25	SR 2623 (GORDON WOODS RD)	FROM SR 2621 (INDIAN WELLS WAY) TO SR 2626 (WINTER MOSS LN) [MP 0.00 - MP 0.38]	6	2	2WU	NO	21												6	1			
TOTAL FOR MAP NO. 25									**21**												**6**	**1**			
2021CPT.03.03.20652	NewHanover	26	SR 2629 (AUTUMN LEAVES CT)	FROM CUL-DE-SAC TO CUL-DE-SAC [MP 0.00 - MP 0.19]	6	2	2WU	NO	8			16	80								2	2			
TOTAL FOR MAP NO. 26									**8**			**16**	**80**								**2**	**2**			
2021CPT.03.03.20652	NewHanover	27	SR 1925 (MALLOW RD)	FROM SR 1363 (BAYSHORE DR) TO CUL-DE-SAC [MP 0.00 - MP 0.27]	7	2	2WU	NO	13												7				
TOTAL FOR MAP NO. 27									**13**												**7**				
2021CPT.03.03.20652	NewHanover	28	SR 2669 (SHADEBRANCH CT)	FROM SR 2666 (SAPLING CIR) TO CUL-DE-SAC [MP 0.00 - MP 0.02]	6	2	2WU	NO	2				20								1				
TOTAL FOR MAP NO. 28									**2**				**20**								**1**				
2021CPT.03.03.20652	NewHanover	29	SR 2664 (TASSLE CT)	FROM SR 1328 (WHITE RD) TO CUL-DE-SAC [MP 0.00 - MP 0.02]	6	2	2WU	NO	2																
TOTAL FOR MAP NO. 29									**2**																
2021CPT.03.03.20652	NewHanover	30	SR 2624 (BIRCHBARK CT)	FROM SR 2623 (GORDON WOODS RD) TO CUL-DE-SAC [MP 0.00 - 0.02]	6	2	2WU	NO	2				10								1				
TOTAL FOR MAP NO. 30									**2**				**10**								**1**				
2021CPT.03.03.20652	NewHanover	31	SR 2625 (INKBERRY CT)	FROM SR 2623 (GORDON WOODS RD) TO CUL-DE-SAC [MP 0.00 - MP 0.02]	6	2	2WU	NO	2												1				
TOTAL FOR MAP NO. 31									**2**												**1**				
2021CPT.03.03.20652	NewHanover	32	SR 2628 (BARKWOOD CT)	FROM SR 2626 (WINTER MOSS LN) TO CUL-DE-SAC [MP 0.00 - MP 0.02)	6	2	2WU	NO	2				20								1				
TOTAL FOR MAP NO. 32									**2**				**20**								**1**				
2021CPT.03.03.20652	NewHanover	33	SR 2627 (PAMPASS CT)	FROM SR 2626 (WINTER MOSS LN) TO CUL-DE-SAC (MP 0.00 - MP 0.03)	6	2	2WU	NO	2												1				
TOTAL FOR MAP NO. 33									**2**												**1**				
2021CPT.03.03.20652	NewHanover	34	SR 2728 (EVERBREEZE LN)	FROM CUL-DE-SAC TO CUL-DE-SAC [MP 0.00 - MP 0.06]	6	2	2WU	NO	4												3				
TOTAL FOR MAP NO. 34									**4**												**3**				

PROJECT NO.	SHEET NO.
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SUMMARY OF QUANTITIES

									1575000000-E	1775500000-E	1838000000-E	1880000000-E			2600000000-N	2605000000-N	2613000000-N	2738000000-E	2752000000-E	2759000000-N		2830000000-N	2845000000-N	5255000000-N	6000000000-E
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	ASPHALT BINDER FOR PLANT MIX	ASPHALT SURFACE TREATMENT, MATCOAT, #67 GRANITE	EMULSION FOR ASPHALT SURFACE TREATMENT	PATCHING EXISTING PAVEMENT (FULL DEPTH) GENERIC	PATCHING EXISTING PAVEMENT (MILL) GENERIC	PATCHING EXISTING PAVEMENT I19.0C (MILL) GENERIC	RETROFIT EXISTING CURB RAMP	CONCRETE CURB RAMP	REMOVE & REPLACE CURB RAMPS (GENERIC)	REMOVE AND REPLACE 4" CONCRETE SIDEWALK (GENERIC)	REMOVE & REPLACE 2' CONCRETE VALLEY CURB	REMOVE CURB RAMPS (GENERIC)	ADJ. OF MONUMENTS (GENERIC)	ADJ. OF MANHOLES	ADJ. OF METER OR VALVE BOX	PORTABLE LIGHTING	TEMPORARY SILT FENCE
									TON	SY	GAL	TON	TON	TON	EA	EA	EA	SY	LF	EA	EA	EA	EA	LS	LF
2021CPT.03.03.20652	NewHanover	35	SR 2727 (BLACKBURN CT)	FROM SR 2726 (WORHTINGTON WAY) TO CUL-DE-SAC [MP 0.00 - MP 0.05]	6	2	2WU	NO	3												3				
TOTAL FOR MAP NO. 35									**3**												**3**				
2021CPT.03.03.20652	NewHanover	36	SR 2726 (WORTHINGTON WAY)	FROM SR 2621 (INDIAN WELLS WAY) TO SR 2728 (EVERBREEZE LN) [MP 0.00 - MP 0.14)	6	2	2WU	NO	5												6				
TOTAL FOR MAP NO. 36									**5**												**6**				
2021CPT.03.03.20652	NewHanover	37	SR 2671 (MERKLEBAY CT)	FROM SR 2666 (SAPLING CIR.) TO CUL-DE-SAC [MP 0.00 - MP 0.05]	6	2	2WU	NO	3												1				
TOTAL FOR MAP NO. 37									**3**												**1**				
2021CPT.03.03.20652	NewHanover	38	SR 2674 (WILDBERRY CT)	FROM SR 2666 (SAPLING CIR) TO CUL-DE-SAC [MP 0.00 - MP 0.05]	6	2	2WU	NO	3				46								1				
TOTAL FOR MAP NO. 38									**3**				**46**								**1**				
2021CPT.03.03.20652	NewHanover	39	SR 2621 (INDIAN WELLS WAY)	FROM SR 2048 (GORDON RD) TO CUL-DE-SAC [MP 0.00 - MP 0.24]	6	2	2WU	NO	12			10									3	1			
TOTAL FOR MAP NO. 39									**12**			**10**									**3**	**1**			
2021CPT.03.03.20652	NewHanover	40	SR 2670 (CONIFER CT)	SR 2666 (SAPLING CIR) TO CUL-DE-SAC [MP 0.00 - MP 0.02]	6	2	2WU	NO	1													1	1		
TOTAL FOR MAP NO. 40									**1**													**1**	**1**		
2021CPT.03.03.20652	NewHanover	41	SR 2315 (SATARA DR)	FROM NC 132 (S. COLLEGE RD) TO CUL-DE-SAC [MP 0.00 - MP 0.46]	7	2	2WU	NO	16			30	25								2				
TOTAL FOR MAP NO. 41									**16**			**30**	**25**								**2**				
2021CPT.03.03.20652	NewHanover	42	SR 2340 (CHAPRA DR)	FROM SR 2315 (SATARA DR) TO EXISTING PAVEMENT JT. [MP 0.00 - MP 0.45]	7	2	2WU	NO	16			27									4	1			
TOTAL FOR MAP NO. 42									**16**			**27**									**4**	**1**			
2021CPT.03.03.20652	NewHanover	43	SR 2339 (QUILON CIRCLE)	FROM CUL-DE-SAC TO SR 2340 (CHAPRA DR) [MP 0.00 - MP 0.20]	7	2	2WU	NO	8			16													
TOTAL FOR MAP NO. 43									**8**			**16**													
2021CPT.03.03.20652	NewHanover	44	SR 2338 (TROMBAY DR)	FROM NC 132 (S. COLLEGE RD) TO SR 2339 (QUILON CIR) [MP 0.00 -.MP 0.29]	7	2	2WU	NO	10			16													
TOTAL FOR MAP NO. 44									**10**			**16**													
2021CPT.03.03.20652	NewHanover	45	SR 2191 (BEAWOOD RD)	FROM SR 2147 (PENCADE RD) TO SR 2192 (GRAYSTONE RD) [MP 0.00 - MP 0.33]	7	2	2WU	NO	11												4				
TOTAL FOR MAP NO. 45									**11**												**4**				
2021CPT.03.03.20652	NewHanover	46	SR 2192 (GRAYSTONE RD)	FROM SR 2147 (PENCADE RD) TO SR 2191 (BEAWOOD RD) [MP 0.00 - MP 0.28]	7	2	2WU	NO	10												4				
TOTAL FOR MAP NO. 46									**10**												**4**				
2021CPT.03.03.20652	NewHanover	47	SR 2193 (CHERAW CT)	FROM SR 2192 (GRAYSTONE RD) TO CUL-DE-SAC [MP 0.00 - MP 0.03]	7	2	2WU	NO	2												1				
TOTAL FOR MAP NO. 47									**2**												**1**				
2021CPT.03.03.20652	NewHanover	48	SR 2194 (ARCHDALE RD)	FROM SR 2192 (GRAYSTONE RD) TO SR 2191 (BEAWOOD RD) [MP 0.00 - MP 0.10]	7	2	2WU	NO	3																
TOTAL FOR MAP NO. 48									**3**																
2021CPT.03.03.20652	New Hanover	49	SR 2323 (BARNARDS LANDING RD)	FROM SR 1265 (INDIAN TRAIL) TO SR 2359 (BALFOURE DR) [MP 0.00 - MP 0.36]	8	2	2WU	NO	17												2	3			
TOTAL FOR MAP NO. 49									**17**												**2**	**3**			
2021CPT.03.03.20652	New Hanover	50	SR 1262 (HORN ROAD)	FROM SR 1238 (ILEX ROAD) TO US 421 (CAROLINA BEACH ROAD) MP 0.00 - MP 0.70	8	2	2WU	NO	33																
TOTAL FOR MAP NO. 50									**33**																
2021CPT.03.03.20652	New Hanover	51	SR 1265 (INDIAN TRAIL)	FROM CUL-DE-SAC TO SR 1255 (YULAN DR) [MP 0.00 - MP 0.31]	8	2	2WU	NO	24												4				
TOTAL FOR MAP NO. 51									**24**												**4**				
2021CPT.03.03.20652	NewHanover	52	SR2237 (LURAY DR.)	FROM SR 2235 (CREEK RIDGE RD) TO SR 2238 (POTOMAC CT) [MP 0.00 - MP 0.08]	7	2	2WU	NO	4																
TOTAL FOR MAP NO. 52									**4**																

10	SHEET NO.
2021CPT.03.03.10651, ETC.	26

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	1575000000-E ASPHALT BINDER FOR PLANT MIX	1775500000-E ASPHALT SURFACE TREATMENT, MATCOAT, #67 GRANITE	1838000000-E EMULSION FOR ASPHALT SURFACE TREATMENT	1880000000-E PATCHING EXISTING PAVEMENT (FULL DEPTH) GENERIC	1880000000-E PATCHING EXISTING PAVEMENT (MILL) GENERIC	1880000000-E PATCHING EXISTING PAVEMENT I19.0C (MILL) GENERIC	2600000000-N RETROFIT EXISTING CURB RAMP	2605000000-N CONCRETE CURB RAMP	2613000000-N REMOVE & REPLACE CURB RAMPS (GENERIC)	2738000000-E REMOVE AND REPLACE 4" CONCRETE SIDEWALK (GENERIC)	2752000000-E REMOVE & REPLACE 2' CONCRETE VALLEY CURB	2759000000-N REMOVE CURB RAMPS (GENERIC)	2759000000-N ADJ. OF MONUMENTS (GENERIC)	2830000000-N ADJ. OF MANHOLES	2845000000-N ADJ. OF METER OR VALVE BOX	5255000000-N PORTABLE LIGHTING	6000000000-E TEMPORARY SILT FENCE
									TON	SY	GAL	TON	TON	TON	EA	EA	EA	SY	LF	EA	EA	EA	EA	LS	LF
2021CPT.03.03.20652	NewHanover	53	SR 2238 (POTOMAC CT)	FROM CUL-DE-SAC TO SR 2720 (HERFORD CT) [MP 0.00 - MP 0.42]	7	2	2WU	NO	17												7	1	1		
TOTAL FOR MAP NO. 53									**17**												**7**	**1**	**1**		
2021CPT.03.03.20652	NewHanover	54	NC STATE PORT	PATCHING EXISTING PAVEMENT ON NC STATE PORT PROPERTY		2		NO						1,100											
TOTAL FOR MAP NO. 54														**1,100**											
TOTAL FOR PROJ NO. 2021CPT.03.03.20652									**258**			**115**	**201**	**1,100**							**66**	**11**	**2**		
												1,416								**66**					
GRAND TOTAL									**1,361**	**17,726**	**7,095**	**1,220**	**631**	**1,100**	**2**	**1**	**15**	**28**	**75**	**1**	**168**	**49**	**10**	**1**	**1,030**
												2,951								**169**					

PROJECT NO.	SHEET NO.
2021CPT.03.03.10651, ETC.	27

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	6009000000-E STONE FOR EC CLASS B	6012000000-E SEDIMENT CONTROL STONE	6015000000-E TEMPORARY MULCHING	6018000000-E SEED FOR TEMPORARY SEEDING	6021000000-E FERTILIZER FOR TEMPORARY SEEDING	6036000000-E MATTING FOR EROSION CONTROL	6042000000-E 1/4" HARDWARE CLOTH	6071010000-E WATTLE	6084000000-E SEED & MULCHING	6090000000-E SEED FOR REPAIR SEEDING	6093000000-E FERTILIZER FOR REPAIR SEEDING	6117000000-N RESPONSE FOR EROSION CONTROL	7324000000-N JUNCTION BOX (STANDARD SIZE)	7444000000-E INDUCTIVE LOOP SAWCUT
									TON	TON	ACR	LBS	TON	SY	LF	LF	AC	LB	TON	EA	EA	LF
2021CPT.03.03.10651	New Hanover	1	US 17 BUS (MARKET ST.)	FROM EXISTING PVMT. JOINT NORTH OF US 74 (MLK/EASTWOOD RD) TO 0.06 MI. SOUTH OF STATION RD. (NS) MP 5.82 - MP 7.47	1	5	MU	NO	25	25	1.00	50	0.25	10	50	20	0.75	50	0.25	2	3	2,618
TOTAL FOR MAP NO. 1									**25**	**25**	**1.00**	**50**	**0.25**	**10**	**50**	**20**	**0.75**	**50**	**0.25**	**2**	**3**	**2,618**
TOTAL FOR PROJ NO. 2021CPT.03.03.10651									**25**	**25**	**1.00**	**50**	**0.25**	**10**	**50**	**20**	**0.75**	**50**	**0.25**	**2**	**3**	**2,618**
2021CPT.03.03.20651	New Hanover	2	SR 1352 (USS NORTH CAROLINA RD)	FROM US 17/US 421 PVMT. JOINT TO END OF MAINTENANCE [MP 0.00 - MP 0.43]	1	2	2WU	NO	10	10	0.43	22	0.11	20	22	20	0.31	22	0.11	1		
TOTAL FOR MAP NO. 2									**10**	**10**	**0.43**	**22**	**0.11**	**20**	**22**	**20**	**0.31**	**22**	**0.11**	**1**		
2021CPT.03.03.20651	NewHanover	3	SR 1300 (BATTLESHIP RD)	FROM SR 1352 (USS NORTH CAROLINA RD) TO END OF MAINTENANCE [MP 0.00 - MP 0.46)]	1	2	2WU	NO	11	11	0.46	23	0.11	10	23	10	0.33	23	0.11	1		
TOTAL FOR MAP NO. 3									**11**	**11**	**0.46**	**23**	**0.11**	**10**	**23**	**10**	**0.33**	**23**	**0.11**	**1**		
2021CPT.03.03.20651	New Hanover	4	SR 2142 (POINT HARBOR RD)	FROM US 421 (NC 133) PAVT. JOINT TO SR 2189 (POINT HARBOR RD) [MP 0.00 - MP 0.03]	2	2	2WU	NO									0.02					
TOTAL FOR MAP NO. 4																	**0.02**					
2021CPT.03.03.20651	NewHanover	5	SR 2189 (POINT HARBOR RD)	FROM SR 2142 (POINT HARBOR RD) TO END OF MAINTENANCE [MP 0.00 - MP 0.40]	2	2	2WU	NO				20	0.10	10		20	0.29			1		
TOTAL FOR MAP NO. 5												**20**	**0.10**	**10**		**20**	**0.29**			**1**		
2021CPT.03.03.20651	New Hanover	6	SR 2190 (POINT HARBOR RD)	FROM US 421 (NC 133) AT PVMT. JOINT TO SR 2189 (POINT HARBOR RD) [MP 0.00 - MP 0.03]	2	2	2WU	NO				3	0.02	10		10	0.02					
TOTAL FOR MAP NO. 6												**3**	**0.02**	**10**		**10**	**0.02**					
2021CPT.03.03.20651	NewHanover	7	SR 1331 (ROCKHILL RD)	FROM NC 133 (CASTLE HAYNE RD) TO END OF MAINTENANCE [MP 0.00 - MP 1.67]	1	2	2WU	NO	42	42	1.67	83	0.40	20	83	30	1.21	83	0.40	2		
TOTAL FOR MAP NO. 7									**42**	**42**	**1.67**	**83**	**0.40**	**20**	**83**	**30**	**1.21**	**83**	**0.40**	**2**		
2021CPT.03.03.20651	New Hanover	8	SR 1350 (WHITMAN AVE)	FROM NC 133 (CASTLE HAYNE RD) TO END OF MAINTENANCE [MP 0.00 - MP 0.44]	2	2	2WD	NO	11	11	0.44	22	0.11	10	22	10	0.32	22	0.11	1		
TOTAL FOR MAP NO. 8									**11**	**11**	**0.44**	**22**	**0.11**	**10**	**22**	**10**	**0.32**	**22**	**0.11**	**1**		
2021CPT.03.03.20651	New Hanover	9	SR 1354 (HORNE PLACE DR)	FROM NC 133 (CASTLE HAYNE RD) TO END OF MAINTENANCE [MP 0.00 - MP 0.70]	2	2	2WU	NO	17	17	0.70	35	0.17	10	35	20	0.50	35	0.17	1		
TOTAL FOR MAP NO. 9									**17**	**17**	**0.70**	**35**	**0.17**	**10**	**35**	**20**	**0.50**	**35**	**0.17**	**1**		
2021CPT.03.03.20651	New Hanover	10	SR 1403 (MIDDLE SOUND LOOP RD)	FROM PVMT. JOINT 0.13 MI. EAST OF US 17 BUS (MARKET ST) TO PVMT. JOINT BEFORE ROUNDABOUT [MP 0.13 - MP 0.54]	1	2	2WU	NO	10	10	0.41	20	0.10	10	20	10	0.30	20	0.10	1		
TOTAL FOR MAP NO. 10									**10**	**10**	**0.41**	**20**	**0.10**	**10**	**20**	**10**	**0.30**	**20**	**0.10**	**1**		
2021CPT.03.03.20651	New Hanover	11	SR 2662 (BARBADOS BLVD)	FROM SR 1002 (HOLLY SHELTER RD) TO SR 2771 (LAS TORTUGAS DR) [MP 0.00 - MP 0.47]	3	2	2WU	NO	12	12	0.47	60	0.30	225	24	60	0.45	60	0.30	2		
TOTAL FOR MAP NO. 11									**12**	**12**	**0.47**	**60**	**0.30**	**225**	**24**	**60**	**0.45**	**60**	**0.30**	**2**		
2021CPT.03.03.20651	New Hanover	12	SR 2771 (LAS TORTUGAS DR)	FROM SR 2662 (BARBADOS BLVD) TO END OF MAINTENANCE [MP 0.00 - MP 0.13]	1	2	2WU	NO				7	0.04	10			0.10					
TOTAL FOR MAP NO. 12												**7**	**0.04**	**10**			**0.10**					
2021CPT.03.03.20651	New Hanover	13	SR 2772 (FARRINGTON FARMS DR)	FROM SR 2048 (GORDON RD) TO END OF MAINTENANCE [MP 0.00 - MP 0.4]	4	2	2WU	NO														
TOTAL FOR MAP NO. 13																						
2021CPT.03.03.20651	NewHanover	14	SR 1769 (WEYBRIDGE LN)	FROM NC 132 (S COLLEGE RD) TO CUL-DE-SAC [MP 0.00 - MP 0.67]	4	2	2WU	NO														
TOTAL FOR MAP NO. 14																						
2021CPT.03.03.20651	New Hanover	15	SR 1581 (MANASSAS DR)	FROM US 421 TO END OF MAINTENANCE [MP 0.00 - MP 0.23]	5	2	2WD	NO	19	19	0.77	35	0.19	10	38	20	0.37	38	0.19	1		
TOTAL FOR MAP NO. 15									**19**	**19**	**0.77**	**35**	**0.19**	**10**	**38**	**20**	**0.37**	**38**	**0.19**	**1**		

PROJECT NO.	SHEET NO.
2021CPT.03.03.10651, ETC.	28

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	6009000000-E STONE FOR EC CLASS B	6012000000-E SEDIMENT CONTROL STONE	6015000000-E TEMPORARY MULCHING	6018000000-E SEED FOR TEMPORARY SEEDING	6021000000-E FERTILIZER FOR TEMPORARY SEEDING	6036000000-E MATTING FOR EROSION CONTROL	6042000000-E 1/4" HARDWARE CLOTH	6071010000-E WATTLE	6084000000-E SEED & MULCHING	6090000000-E SEED FOR REPAIR SEEDING	6093000000-E FERTILIZER FOR REPAIR SEEDING	6117000000-N RESPONSE FOR EROSION CONTROL	7324000000-N JUNCTION BOX (STANDARD SIZE)	7444000000-E INDUCTIVE LOOP SAWCUT
									TON	TON	ACR	LBS	TON	SY	LF	LF	AC	LB	TON	EA	EA	LF
2021CPT.03.03.20651	NewHanover	16	SR 1582 (SHILOH DR)	FROM SR 1581 (MANASSAS DR) TO SR 1639 (ANTIETAM DR) [MP 0.00 - MP 0.53]	1	2	2WU	NO			0.53	26	0.13	10		20	0.39	26	0.13	1		
TOTAL FOR MAP NO. 16											**0.53**	**26**	**0.13**	**10**		**20**	**0.39**	**26**	**0.13**	**1**		
2021CPT.03.03.20651	NewHanover	17	SR 1988 (HEATON PL)	FROM SR 1986 (OYSTER DR) TO SR 1989 (HAVEN WAY) [MP 0.00 - MP 0.07]	4	2	2WU	NO														
TOTAL FOR MAP NO. 17																						
2021CPT.03.03.20651	NewHanover	18	SR 1931 (CHASE LN)	FROM SR 1929 (WENDOVER LN) TO SR 1933 (WAGON WHEEL WAY) [MP 0.00 - MP 0.13]	4	2	2WU	NO														
TOTAL FOR MAP NO. 18																						
2021CPT.03.03.20651	New Hanover	19	SR 2605 (BRIDGEPORT/BRINKMAN DR.)	FROM CUL-DE-SAC TO CUL-DE-SAC [MP 0.00 - MP 0.82]	4	2	2WU	NO														
TOTAL FOR MAP NO. 19																						
2021CPT.03.03.20651	NewHanover	20	SR 2869 (BRADFIELD CT)	FROM CUL-DE-SAC TO SR 2874 (BRODICK CT) [MP 0.00 - MP 0.45]	4	2	2WU	NO														
TOTAL FOR MAP NO. 20																						
2021CPT.03.03.20651	NewHanover	21	SR 1986 (OYSTER LN)	FROM SR 1403 (MIDDLE SOUND LOOP) TO SR 1929 (WENDOVER LN) [MP 0.00 - MP 0.48]	4	2	2WU	NO														
TOTAL FOR MAP NO. 21																						
2021CPT.03.03.20651	NewHanover	22	SR 2148 (OLD MILL RD)	FROM NC 133 TO SR 2335 (ALEX TRASK DR) [MP 0.00 - MP 0.78]	4	2	2WU	NO	16	16	0.67	33	0.16	10		20	0.48	33	0.16	1		
TOTAL FOR MAP NO. 22									**16**	**16**	**0.67**	**33**	**0.16**	**10**		**20**	**0.48**	**33**	**0.16**	**1**		
2021CPT.03.03.20651	NewHanover	23	SR 2668 (MAYFIELD CT)	FROM SR 2666 (SAPLING CIR) TO CUL-DE-SAC [MP 0.00 - MP 0.03)	6	2	2WU	NO														
TOTAL FOR MAP NO. 23																						
TOTAL FOR PROJ NO. 2021CPT.03.03.20651									**148**	**148**	**6.55**	**389**	**1.94**	**365**	**267**	**250**	**5.09**	**362**	**1.78**	**13**		
2021CPT.03.03.20652	NewHanover	24	SR 2673 (OVALBERRY CT)	FROM SR 2672 (LOBLOLLY CT) TO CUL-DE-SAC [MP 0.00 - MP 0.04]	6	2	2WU	NO														
TOTAL FOR MAP NO. 24																						
2021CPT.03.03.20652	NewHanover	25	SR 2623 (GORDON WOODS RD)	FROM SR 2621 (INDIAN WELLS WAY) TO SR 2626 (WINTER MOSS LN) [MP 0.00 - MP 0.38]	6	2	2WU	NO														
TOTAL FOR MAP NO. 25																						
2021CPT.03.03.20652	NewHanover	26	SR 2629 (AUTUMN LEAVES CT)	FROM CUL-DE-SAC TO CUL-DE-SAC [MP 0.00 - MP 0.19]	6	2	2WU	NO														
TOTAL FOR MAP NO. 26																						
2021CPT.03.03.20652	NewHanover	27	SR 1925 (MALLOW RD)	FROM SR 1363 (BAYSHORE DR) TO CUL-DE-SAC [MP 0.00 - MP 0.27]	7	2	2WU	NO														
TOTAL FOR MAP NO. 27																						
2021CPT.03.03.20652	NewHanover	28	SR 2669 (SHADEBRANCH CT)	FROM SR 2666 (SAPLING CIR) TO CUL-DE-SAC [MP 0.00 - MP 0.02]	6	2	2WU	NO														
TOTAL FOR MAP NO. 28																						
2021CPT.03.03.20652	NewHanover	29	SR 2664 (TASSLE CT)	FROM SR 1328 (WHITE RD) TO CUL-DE-SAC [MP 0.00 - MP 0.02]	6	2	2WU	NO														
TOTAL FOR MAP NO. 29																						
2021CPT.03.03.20652	NewHanover	30	SR 2624 (BIRCHBARK CT)	FROM SR 2623 (GORDON WOODS RD) TO CUL-DE-SAC [MP 0.00 - 0.02]	6	2	2WU	NO														
TOTAL FOR MAP NO. 30																						
2021CPT.03.03.20652	NewHanover	31	SR 2625 (INKBERRY CT)	FROM SR 2623 (GORDON WOODS RD) TO CUL-DE-SAC [MP 0.00 - MP 0.02]	6	2	2WU	NO														
TOTAL FOR MAP NO. 31																						
2021CPT.03.03.20652	NewHanover	32	SR 2628 (BARKWOOD CT)	FROM SR 2626 (WINTER MOSS LN) TO CUL-DE-SAC [MP 0.00 - MP 0.02)	6	2	2WU	NO														
TOTAL FOR MAP NO. 32																						
2021CPT.03.03.20652	NewHanover	33	SR 2627 (PAMPASS CT)	FROM SR 2626 (WINTER MOSS LN) TO CUL-DE-SAC (MP 0.00 - MP 0.03)	6	2	2WU	NO														
TOTAL FOR MAP NO. 33																						
2021CPT.03.03.20652	NewHanover	34	SR 2728 (EVERBREEZE LN)	FROM CUL-DE-SAC TO CUL-DE-SAC [MP 0.00 - MP 0.06]	6	2	2WU	NO														
TOTAL FOR MAP NO. 34																						

PROJECT NO.	SHEET NO.
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SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	6009000000-E STONE FOR EC CLASS B	6012000000-E SEDIMENT CONTROL STONE	6015000000-E TEMPORARY MULCHING	6018000000-E SEED FOR TEMPORARY SEEDING	6021000000-E FERTILIZER FOR TEMPORARY SEEDING	6036000000-E MATTING FOR EROSION CONTROL	6042000000-E 1/4" HARDWARE CLOTH	6071010000-E WATTLE	6084000000-E SEED & MULCHING	6090000000-E SEED FOR REPAIR SEEDING	6093000000-E FERTILIZER FOR REPAIR SEEDING	6117000000-N RESPONSE FOR EROSION CONTROL	7324000000-N JUNCTION BOX (STANDARD SIZE)	7444000000-E INDUCTIVE LOOP SAWCUT
									TON	TON	ACR	LBS	TON	SY	LF	LF	AC	LB	TON	EA	EA	LF
2021CPT.03.03.20652	NewHanover	35	SR 2727 (BLACKBURN CT)	FROM SR 2726 (WORHTINGTON WAY) TO CUL-DE-SAC [MP 0.00 - MP 0.05]	6	2	2WU	NO														
TOTAL FOR MAP NO. 35																						
2021CPT.03.03.20652	NewHanover	36	SR 2726 (WORTHINGTON WAY)	FROM SR 2621 (INDIAN WELLS WAY) TO SR 2728 (EVERBREEZE LN) [MP 0.00 - MP 0.14)	6	2	2WU	NO														
TOTAL FOR MAP NO. 36																						
2021CPT.03.03.20652	NewHanover	37	SR 2671 (MERKLEBAY CT)	FROM SR 2666 (SAPLING CIR.) TO CUL-DE-SAC [MP 0.00 - MP 0.05]	6	2	2WU	NO														
TOTAL FOR MAP NO. 37																						
2021CPT.03.03.20652	NewHanover	38	SR 2674 (WILDBERRY CT)	FROM SR 2666 (SAPLING CIR) TO CUL-DE-SAC [MP 0.00 - MP 0.05]	6	2	2WU	NO														
TOTAL FOR MAP NO. 38																						
2021CPT.03.03.20652	NewHanover	39	SR 2621 (INDIAN WELLS WAY)	FROM SR 2048 (GORDON RD) TO CUL-DE-SAC [MP 0.00 - MP 0.24]	6	2	2WU	NO														
TOTAL FOR MAP NO. 39																						
2021CPT.03.03.20652	NewHanover	40	SR 2670 (CONIFER CT)	SR 2666 (SAPLING CIR) TO CUL-DE-SAC [MP 0.00 - MP 0.02]	6	2	2WU	NO														
TOTAL FOR MAP NO. 40																						
2021CPT.03.03.20652	NewHanover	41	SR 2315 (SATARA DR)	FROM NC 132 (S. COLLEGE RD) TO CUL-DE-SAC [MP 0.00 - MP 0.46]	7	2	2WU	NO														
TOTAL FOR MAP NO. 41																						
2021CPT.03.03.20652	NewHanover	42	SR 2340 (CHAPRA DR)	FROM SR 2315 (SATARA DR) TO EXISTING PAVEMENT JT. [MP 0.00 - MP 0.45]	7	2	2WU	NO														
TOTAL FOR MAP NO. 42																						
2021CPT.03.03.20652	NewHanover	43	SR 2339 (QUILON CIRCLE)	FROM CUL-DE-SAC TO SR 2340 (CHAPRA DR) [MP 0.00 - MP 0.20]	7	2	2WU	NO														
TOTAL FOR MAP NO. 43																						
2021CPT.03.03.20652	NewHanover	44	SR 2338 (TROMBAY DR)	FROM NC 132 (S. COLLEGE RD) TO SR 2339 (QUILON CIR) [MP 0.00 -.MP 0.29]	7	2	2WU	NO														
TOTAL FOR MAP NO. 44																						
2021CPT.03.03.20652	NewHanover	45	SR 2191 (BEAWOOD RD)	FROM SR 2147 (PENCADE RD) TO SR 2192 (GRAYSTONE RD) [MP 0.00 - MP 0.33]	7	2	2WU	NO														
TOTAL FOR MAP NO. 45																						
2021CPT.03.03.20652	NewHanover	46	SR 2192 (GRAYSTONE RD)	FROM SR 2147 (PENCADE RD) TO SR 2191 (BEAWOOD RD) [MP 0.00 - MP 0.28]	7	2	2WU	NO														
TOTAL FOR MAP NO. 46																						
2021CPT.03.03.20652	NewHanover	47	SR 2193 (CHERAW CT)	FROM SR 2192 (GRAYSTONE RD) TO CUL-DE-SAC [MP 0.00 - MP 0.03]	7	2	2WU	NO														
TOTAL FOR MAP NO. 47																						
2021CPT.03.03.20652	NewHanover	48	SR 2194 (ARCHDALE RD)	FROM SR 2192 (GRAYSTONE RD) TO SR 2191 (BEAWOOD RD) [MP 0.00 - MP 0.10]	7	2	2WU	NO														
TOTAL FOR MAP NO. 48																						
2021CPT.03.03.20652	New Hanover	49	SR 2323 (BARNARDS LANDING RD)	FROM SR 1265 (INDIAN TRAIL) TO SR 2359 (BALFOURE DR) [MP 0.00 - MP 0.36]	8	2	2WU	NO														
TOTAL FOR MAP NO. 49																						
2021CPT.03.03.20652	New Hanover	50	SR 1262 (HORN ROAD)	FROM SR 1238 (ILEX ROAD) TO US 421 (CAROLINA BEACH ROAD) MP 0.00 - MP 0.70	8	2	2WU	NO														
TOTAL FOR MAP NO. 50																						
2021CPT.03.03.20652	New Hanover	51	SR 1265 (INDIAN TRAIL)	FROM CUL-DE-SAC TO SR 1255 (YULAN DR) [MP 0.00 - MP 0.31]	8	2	2WU	NO														
TOTAL FOR MAP NO. 51																						
2021CPT.03.03.20652	NewHanover	52	SR2237 (LURAY DR.)	FROM SR 2235 (CREEK RIDGE RD) TO SR 2238 (POTOMAC CT) [MP 0.00 - MP 0.08]	7	2	2WU	NO														
TOTAL FOR MAP NO. 52																						

PROJECT NO.	SHEET NO.
2021CPT.03.03.10651, ETC.	30

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	6009000000-E STONE FOR EC CLASS B	6012000000-E SEDIMENT CONTROL STONE	6015000000-E TEMPORARY MULCHING	6018000000-E SEED FOR TEMPORARY SEEDING	6021000000-E FERTILIZER FOR TEMPORARY SEEDING	6036000000-E MATTING FOR EROSION CONTROL	6042000000-E 1/4" HARDWARE CLOTH	6071010000-E WATTLE	6084000000-E SEED & MULCHING	6090000000-E SEED FOR REPAIR SEEDING	6093000000-E FERTILIZER FOR REPAIR SEEDING	6117000000-N RESPONSE FOR EROSION CONTROL	7324000000-N JUNCTION BOX (STANDARD SIZE)	7444000000-E INDUCTIVE LOOP SAWCUT
									TON	TON	ACR	LBS	TON	SY	LF	LF	AC	LB	TON	EA	EA	LF
2021CPT.03.03.20652	NewHanover	53	SR 2238 (POTOMAC CT)	FROM CUL-DE-SAC TO SR 2720 (HERFORD CT) [MP 0.00 - MP 0.42]	7	2	2WU	NO														
TOTAL FOR MAP NO. 53																						
2021CPT.03.03.20652	NewHanover	54	NC STATE PORT	PATCHING EXISTING PAVEMENT ON NC STATE PORT PROPERTY		2		NO														
TOTAL FOR MAP NO. 54																						
TOTAL FOR PROJ NO. 2021CPT.03.03.20652																						
GRAND TOTAL									**173**	**173**	**7.55**	**439**	**2.19**	**375**	**317**	**270**	**5.84**	**412**	**2.03**	**15**	**3**	**2,618**

PROJECT NO.	SHEET NO.
2021CPT.03.03.10651, ETC.	31

THERMOPLASTIC AND PAINT QUANTITIES

											4413000000-E	4457000000-N	4685000000-E		4725000000-E					4810000000-E		4825000000-E	4835000000-E	4840000000-N	4845000000-N		4891000000-E
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	WORK ZONE ADVANCE/GENERAL WARNING SIGNING	TEMPORARY TRAFFIC CONTROL	4" X 90 M WHITE THERMO	4" X 90 M YELLOW THERMO	THERMO STR ARROW 90 M	THERMO RT ARROW 90 M	THERMO STR & RT ARROW 90 M	THERMO STR & LT ARROW 90 M	THERMO LT ARROW 90 M	4" WHITE PAINT	4" YELLOW PAINT	12" YELLOW PAINT	24" WHITE PAINT	PAINT MSG SCHOOL	PAINT LT ARROW	PAINT RT ARROW	24" X 90 M WHITE THERMO
								MI	FT	SF	LS	LF	LF	EA	EA	EA	EA	EA	LF	LF	LF	LF	EA	EA	EA	LF
2021CPT.03.03.10651	NewHanover	1	US 17 BUS (MARKET ST.)	FROM EXISTING PVMT. JOINT NORTH OF US 74 (MLK/EASTWOOD RD) TO 0.06 MI. SOUTH OF STATION RD. (NS) MP 5.82 - MP 7.47	1	5	MU	1.65	60	480	0.13	23,650	21,730	20	14	4	1	64								22,000
TOTAL FOR MAP NO. 1								**1.65**		**480**	**0.13**	**23,650**	**21,730**	**20**	**14**	**4**	**1**	**64**								**22,000**
TOTAL FOR PROJ NO. 2021CPT.03.03.10651								**1.65**		**480**	**0.13**	**23,650**	**21,730**	**20**	**14**	**4**	**1**	**64**								**22,000**
												45,380		**103**												
2021CPT.03.03.20651	New Hanover	2	SR 1352 (USS NORTH CAROLINA RD)	FROM US 17/US 421 PVMT. JOINT TO END OF MAINTENANCE [MP 0.00 - MP 0.43]	1	2	2WU	0.43	24	48	0.03								9,082	9,082						
TOTAL FOR MAP NO. 2								**0.43**		**48**	**0.03**								**9,082**	**9,082**						
2021CPT.03.03.20651	NewHanover	3	SR 1300 (BATTLESHIP RD)	FROM SR 1352 (USS NORTH CAROLINA RD) TO END OF MAINTENANCE [MP 0.00 - MP 0.46)]	1	2	2WU	0.46	18		0.03								9,715	9,715						
TOTAL FOR MAP NO. 3								**0.46**			**0.03**								**9,715**	**9,715**						
2021CPT.03.03.20651	New Hanover	4	SR 2142 (POINT HARBOR RD)	FROM US 421 (NC 133) PAVT. JOINT TO SR 2189 (POINT HARBOR RD) [MP 0.00 - MP 0.03]	2	2	2WU	0.03	22		0.01															
TOTAL FOR MAP NO. 4								**0.03**			**0.01**															
2021CPT.03.03.20651	NewHanover	5	SR 2189 (POINT HARBOR RD)	FROM SR 2142 (POINT HARBOR RD) TO END OF MAINTENANCE [MP 0.00 - MP 0.40]	2	2	2WU	0.4	27		0.03															
TOTAL FOR MAP NO. 5								**0.4**			**0.03**															
2021CPT.03.03.20651	New Hanover	6	SR 2190 (POINT HARBOR RD)	FROM US 421 (NC 133) AT PVMT. JOINT TO SR 2189 (POINT HARBOR RD) [MP 0.00 - MP 0.03]	2	2	2WU	0.03	32		0.01															
TOTAL FOR MAP NO. 6								**0.03**			**0.01**															
2021CPT.03.03.20651	NewHanover	7	SR 1331 (ROCKHILL RD)	FROM NC 133 (CASTLE HAYNE RD) TO END OF MAINTENANCE [MP 0.00 - MP 1.67]	1	2	2WU	1.67	18	48	0.11								29,960	22,694	100	50		2	2	
TOTAL FOR MAP NO. 7								**1.67**		**48**	**0.11**								**29,960**	**22,694**	**100**	**50**		**2**	**2**	
2021CPT.03.03.20651	New Hanover	8	SR 1350 (WHITMAN AVE)	FROM NC 133 (CASTLE HAYNE RD) TO END OF MAINTENANCE [MP 0.00 - MP 0.44]	2	2	2WD	0.44	18	32	0.03															
TOTAL FOR MAP NO. 8								**0.44**		**32**	**0.03**															
2021CPT.03.03.20651	New Hanover	9	SR 1354 (HORNE PLACE DR)	FROM NC 133 (CASTLE HAYNE RD) TO END OF MAINTENANCE [MP 0.00 - MP 0.70]	2	2	2WU	0.7	20	32	0.04															
TOTAL FOR MAP NO. 9								**0.7**		**32**	**0.04**															
2021CPT.03.03.20651	New Hanover	10	SR 1403 (MIDDLE SOUND LOOP RD)	FROM PVMT. JOINT 0.13 MI. EAST OF US 17 BUS (MARKET ST) TO PVMT. JOINT BEFORE ROUNDABOUT [MP 0.13 - MP 0.54]	1	2	2WU	0.41	22	48	0.03								8,660	6,062		100	12			
TOTAL FOR MAP NO. 10								**0.41**		**48**	**0.03**								**8,660**	**6,062**		**100**	**12**			
2021CPT.03.03.20651	New Hanover	11	SR 2662 (BARBADOS BLVD)	FROM SR 1002 (HOLLY SHELTER RD) TO SR 2771 (LAS TORTUGAS DR) [MP 0.00 - MP 0.47]	3	2	2WU	0.47	26	48	0.03								10,053	10,053						
TOTAL FOR MAP NO. 11								**0.47**		**48**	**0.03**								**10,053**	**10,053**						
2021CPT.03.03.20651	New Hanover	12	SR 2771 (LAS TORTUGAS DR)	FROM SR 2662 (BARBADOS BLVD) TO END OF MAINTENANCE [MP 0.00 - MP 0.13]	1	2	2WU	0.13	20		0.01								2,746	2,746		46				
TOTAL FOR MAP NO. 12								**0.13**			**0.01**								**2,746**	**2,746**		**46**				
2021CPT.03.03.20651	New Hanover	13	SR 2772 (FARRINGTON FARMS DR)	FROM SR 2048 (GORDON RD) TO END OF MAINTENANCE [MP 0.00 - MP 0.4]	4	2	2WU	0.4	30	48	0.03															
TOTAL FOR MAP NO. 13								**0.4**		**48**	**0.03**															
2021CPT.03.03.20651	NewHanover	14	SR 1769 (WEYBRIDGE LN)	FROM NC 132 (S COLLEGE RD) TO CUL-DE-SAC [MP 0.00 - MP 0.67]	4	2	2WU	0.67	32	48	0.04															
TOTAL FOR MAP NO. 14								**0.67**		**48**	**0.04**															
2021CPT.03.03.20651	New Hanover	15	SR 1581 (MANASSAS DR)	FROM US 421 TO END OF MAINTENANCE [MP 0.00 - MP 0.23]	5	2	2WD	0.23	20	48	0.03														2	
TOTAL FOR MAP NO. 15								**0.23**		**48**	**0.03**														**2**	
2021CPT.03.03.20651	NewHanover	16	SR 1582 (SHILOH DR)	FROM SR 1581 (MANASSAS DR) TO SR 1639 (ANTIETAM DR) [MP 0.00 - MP 0.53]	1	2	2WU	0.53	18	32	0.03															
TOTAL FOR MAP NO. 16								**0.53**		**32**	**0.03**															
2021CPT.03.03.20651	NewHanover	17	SR 1988 (HEATON PL)	FROM SR 1986 (OYSTER DR) TO SR 1989 (HAVEN WAY) [MP 0.00 - MP 0.07]	4	2	2WU	0.07	22		0.01															
TOTAL FOR MAP NO. 17								**0.07**			**0.01**															

PROJECT NO.	SHEET NO.
2021CPT.03.03.10651, ETC.	32

THERMOPLASTIC AND PAINT QUANTITIES

										4413000000-E	4457000000-N	4685000000-E		4725000000-E					4810000000-E		4825000000-E	4835000000-E	4840000000-N	4845000000-N		4891000000-E
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	WORK ZONE ADVANCE/GENERAL WARNING SIGNING	TEMPORARY TRAFFIC CONTROL	4" X 90 M WHITE THERMO	4" X 90 M YELLOW THERMO	THERMO STR ARROW 90 M	THERMO RT ARROW 90 M	THERMO STR & RT ARROW 90 M	THERMO STR & LT ARROW 90 M	THERMO LT ARROW 90 M	4" WHITE PAINT	4" YELLOW PAINT	12" YELLOW PAINT	24" WHITE PAINT	PAINT MSG SCHOOL	PAINT LT ARROW	PAINT RT ARROW	24" X 90 M WHITE THERMO
								MI	FT	SF	LS	LF	LF	EA	EA	EA	EA	EA	LF	LF	LF	LF	EA	EA	EA	LF
2021CPT.03.03.20651	NewHanover	18	SR 1931 (CHASE LN)	FROM SR 1929 (WENDOVER LN) TO SR 1933 (WAGON WHEEL WAY) [MP 0.00 - MP 0.13]	4	2	2WU	0.13	24		0.01															
TOTAL FOR MAP NO. 18								**0.13**			**0.01**															
2021CPT.03.03.20651	New Hanover	19	SR 2605 (BRIDGEPORT/BRINKMAN DR.)	FROM CUL-DE-SAC TO CUL-DE-SAC [MP 0.00 - MP 0.82]	4	2	2WU	0.82	22	48	0.01															
TOTAL FOR MAP NO. 19								**0.82**		**48**	**0.01**															
2021CPT.03.03.20651	NewHanover	20	SR 2869 (BRADFIELD CT)	FROM CUL-DE-SAC TO SR 2874 (BRODICK CT) [MP 0.00 - MP 0.45]	4	2	2WU	0.45	24	48	0.01															
TOTAL FOR MAP NO. 20								**0.45**		**48**	**0.01**															
2021CPT.03.03.20651	NewHanover	21	SR 1986 (OYSTER LN)	FROM SR 1403 (MIDDLE SOUND LOOP) TO SR 1929 (WENDOVER LN) [MP 0.00 - MP 0.48]	4	2	2WU	0.48	22		0.01															
TOTAL FOR MAP NO. 21								**0.48**			**0.01**															
2021CPT.03.03.20651	NewHanover	22	SR 2148 (OLD MILL RD)	FROM NC 133 TO SR 2335 (ALEX TRASK DR) [MP 0.00 - MP 0.78]	4	2	2WU	0.78	34	48	0.01															
TOTAL FOR MAP NO. 22								**0.78**		**48**	**0.01**															
2021CPT.03.03.20651	NewHanover	23	SR 2668 (MAYFIELD CT)	FROM SR 2666 (SAPLING CIR) TO CUL-DE-SAC [MP 0.00 - MP 0.03)	6	2	2WU	0.03	18		0.01															
TOTAL FOR MAP NO. 23								**0.03**			**0.01**															
TOTAL FOR PROJ NO. 2021CPT.03.03.20651								**9.76**		**576**	**0.56**								**70,216**	**60,352**	**100**	**196**	**12**	**2**	**4**	
														130,568										**6**		
2021CPT.03.03.20652	NewHanover	24	SR 2673 (OVALBERRY CT)	FROM SR 2672 (LOBLOLLY CT) TO CUL-DE-SAC [MP 0.00 - MP 0.04]	6	2	2WU	0.04	18		0.01															
TOTAL FOR MAP NO. 24								**0.04**			**0.01**															
2021CPT.03.03.20652	NewHanover	25	SR 2623 (GORDON WOODS RD)	FROM SR 2621 (INDIAN WELLS WAY) TO SR 2626 (WINTER MOSS LN) [MP 0.00 - MP 0.38]	6	2	2WU	0.38	24		0.01															
TOTAL FOR MAP NO. 25								**0.38**			**0.01**															
2021CPT.03.03.20652	NewHanover	26	SR 2629 (AUTUMN LEAVES CT)	FROM CUL-DE-SAC TO CUL-DE-SAC [MP 0.00 - MP 0.19]	6	2	2WU	0.19	18		0.01															
TOTAL FOR MAP NO. 26								**0.19**			**0.01**															
2021CPT.03.03.20652	NewHanover	27	SR 1925 (MALLOW RD)	FROM SR 1363 (BAYSHORE DR) TO CUL-DE-SAC [MP 0.00 - MP 0.27]	7	2	2WU	0.27	20		0.01															
TOTAL FOR MAP NO. 27								**0.27**			**0.01**															
2021CPT.03.03.20652	NewHanover	28	SR 2669 (SHADEBRANCH CT)	FROM SR 2666 (SAPLING CIR) TO CUL-DE-SAC [MP 0.00 - MP 0.02]	6	2	2WU	0.03	18		0.01															
TOTAL FOR MAP NO. 28								**0.03**			**0.01**															
2021CPT.03.03.20652	NewHanover	29	SR 2664 (TASSLE CT)	FROM SR 1328 (WHITE RD) TO CUL-DE-SAC [MP 0.00 - MP 0.02]	6	2	2WU	0.02	18		0.01															
TOTAL FOR MAP NO. 29								**0.02**			**0.01**															
2021CPT.03.03.20652	NewHanover	30	SR 2624 (BIRCHBARK CT)	FROM SR 2623 (GORDON WOODS RD) TO CUL-DE-SAC [MP 0.00 - 0.02]	6	2	2WU	0.02	18		0.01															
TOTAL FOR MAP NO. 30								**0.02**			**0.01**															
2021CPT.03.03.20652	NewHanover	31	SR 2625 (INKBERRY CT)	FROM SR 2623 (GORDON WOODS RD) TO CUL-DE-SAC [MP 0.00 - MP 0.02]	6	2	2WU	0.02	18		0.01															
TOTAL FOR MAP NO. 31								**0.02**			**0.01**															
2021CPT.03.03.20652	NewHanover	32	SR 2628 (BARKWOOD CT)	FROM SR 2626 (WINTER MOSS LN) TO CUL-DE-SAC [MP 0.00 - MP 0.02]	6	2	2WU	0.02	20		0.01															
TOTAL FOR MAP NO. 32								**0.02**			**0.01**															
2021CPT.03.03.20652	NewHanover	33	SR 2627 (PAMPASS CT)	FROM SR 2626 (WINTER MOSS LN) TO CUL-DE-SAC [MP 0.00 - MP 0.03]	6	2	2WU	0.03	18		0.01															
TOTAL FOR MAP NO. 33								**0.03**			**0.01**															
2021CPT.03.03.20652	NewHanover	34	SR 2728 (EVERBREEZE LN)	FROM CUL-DE-SAC TO CUL-DE-SAC [MP 0.00 - MP 0.06]	6	2	2WU	0.06	18		0.01															
TOTAL FOR MAP NO. 34								**0.06**			**0.01**															
2021CPT.03.03.20652	NewHanover	35	SR 2727 (BLACKBURN CT)	FROM SR 2726 (WORHTINGTON WAY) TO CUL-DE-SAC [MP 0.00 - MP 0.05]	6	2	2WU	0.05	18		0.01															
TOTAL FOR MAP NO. 35								**0.05**			**0.01**															
2021CPT.03.03.20652	NewHanover	36	SR 2726 (WORTHINGTON WAY)	FROM SR 2621 (INDIAN WELLS WAY) TO SR 2728 (EVERBREEZE LN) [MP 0.00 - MP 0.14)	6	2	2WU	0.14	20		0.01															
TOTAL FOR MAP NO. 36								**0.14**			**0.01**															
2021CPT.03.03.20652	NewHanover	37	SR 2671 (MERKLEBAY CT)	FROM SR 2666 (SAPLING CIR.) TO CUL-DE-SAC [MP 0.00 - MP 0.05]	6	2	2WU	0.05	18		0.01															
TOTAL FOR MAP NO. 37								**0.05**			**0.01**															
2021CPT.03.03.20652	NewHanover	38	SR 2674 (WILDBERRY CT)	FROM SR 2666 (SAPLING CIR) TO CUL-DE-SAC [MP 0.00 - MP 0.05]	6	2	2WU	0.05	18		0.01															
TOTAL FOR MAP NO. 38								**0.05**			**0.01**															

PROJECT NO.	SHEET NO.
2021CPT.03.03.10651, ETC.	33

THERMOPLASTIC AND PAINT QUANTITIES

										4413000000-E	4457000000-N	4685000000-E		4725000000-E					4810000000-E		4825000000-E	4835000000-E	4840000000-N	4845000000-N		4891000000-E
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	WORK ZONE ADVANCE/GENERAL WARNING SIGNING	TEMPORARY TRAFFIC CONTROL	4" X 90 M WHITE THERMO	4" X 90 M YELLOW THERMO	THERMO STR ARROW 90 M	THERMO RT ARROW 90 M	THERMO STR & RT ARROW 90 M	THERMO STR & LT ARROW 90 M	THERMO LT ARROW 90 M	4" WHITE PAINT	4" YELLOW PAINT	12" YELLOW PAINT	24" WHITE PAINT	PAINT MSG SCHOOL	PAINT LT ARROW	PAINT RT ARROW	24" X 90 M WHITE THERMO
								MI	FT	SF	LS	LF	LF	EA	EA	EA	EA	EA	LF	LF	LF	LF	EA	EA	EA	LF
2021CPT.03.03.20652	NewHanover	39	SR 2621 (INDIAN WELLS WAY)	FROM SR 2048 (GORDON RD) TO CUL-DE-SAC [MP 0.00 - MP 0.24]	6	2	2WU	0.24	24		0.02															
TOTAL FOR MAP NO. 39								0.24			0.02															
2021CPT.03.03.20652	NewHanover	40	SR 2670 (CONIFER CT)	SR 2666 (SAPLING CIR) TO CUL-DE-SAC [MP 0.00 - MP 0.02]	6	2	2WU	0.02	18		0.01															
TOTAL FOR MAP NO. 40								0.02			0.01															
2021CPT.03.03.20652	NewHanover	41	SR 2315 (SATARA DR)	FROM NC 132 (S. COLLEGE RD) TO CUL-DE-SAC [MP 0.00 - MP 0.46]	7	2	2WU	0.46	20		0.01															
TOTAL FOR MAP NO. 41								0.46			0.01															
2021CPT.03.03.20652	NewHanover	42	SR 2340 (CHAPRA DR)	FROM SR 2315 (SATARA DR) TO EXISTING PAVEMENT JT. [MP 0.00 - MP 0.45]	7	2	2WU	0.45	20		0.01															
TOTAL FOR MAP NO. 42								0.45			0.01															
2021CPT.03.03.20652	NewHanover	43	SR 2339 (QUILON CIRCLE)	FROM CUL-DE-SAC TO SR 2340 (CHAPRA DR) [MP 0.00 - MP 0.20]	7	2	2WU	0.2	18		0.01															
TOTAL FOR MAP NO. 43								0.2			0.01															
2021CPT.03.03.20652	NewHanover	44	SR 2338 (TROMBAY DR)	FROM NC 132 (S. COLLEGE RD) TO SR 2339 (QUILON CIR) [MP 0.00 - MP 0.29]	7	2	2WU	0.29	20		0.01															
TOTAL FOR MAP NO. 44								0.29			0.01															
2021CPT.03.03.20652	NewHanover	45	SR 2191 (BEAWOOD RD)	FROM SR 2147 (PENCADE RD) TO SR 2192 (GRAYSTONE RD) [MP 0.00 - MP 0.33]	7	2	2WU	0.33	20		0.01															
TOTAL FOR MAP NO. 45								0.33			0.01															
2021CPT.03.03.20652	NewHanover	46	SR 2192 (GRAYSTONE RD)	FROM SR 2147 (PENCADE RD) TO SR 2191 (BEAWOOD RD) [MP 0.00 - MP 0.28]	7	2	2WU	0.28	20		0.01															
TOTAL FOR MAP NO. 46								0.28			0.01															
2021CPT.03.03.20652	NewHanover	47	SR 2193 (CHERAW CT)	FROM SR 2192 (GRAYSTONE RD) TO CUL-DE-SAC [MP 0.00 - MP 0.03]	7	2	2WU	0.03	18		0.01															
TOTAL FOR MAP NO. 47								0.03			0.01															
2021CPT.03.03.20652	NewHanover	48	SR 2194 (ARCHDALE RD)	FROM SR 2192 (GRAYSTONE RD) TO SR 2191 (BEAWOOD RD) [MP 0.00 - MP 0.10]	7	2	2WU	0.1	20		0.01															
TOTAL FOR MAP NO. 48								0.1			0.01															
2021CPT.03.03.20652	New Hanover	49	SR 2323 (BARNARDS LANDING RD)	FROM SR 1265 (INDIAN TRAIL) TO SR 2359 (BALFOURE DR) [MP 0.00 - MP 0.36]	8	2	2WU	0.36	28		0.01															
TOTAL FOR MAP NO. 49								0.36			0.01															
2021CPT.03.03.20652	New Hanover	50	SR 1262 (HORN ROAD)	FROM SR 1238 (ILEX ROAD) TO US 421 (CAROLINA BEACH ROAD) MP 0.00 - MP 0.699	8	2	2WU	0.699	20		0.01								15,042	14,000						
TOTAL FOR MAP NO. 50								0.699			0.01								15,042	14,000						
2021CPT.03.03.20652	New Hanover	51	SR 1265 (INDIAN TRAIL)	FROM CUL-DE-SAC TO SR 1255 (YULAN DR) [MP 0.00 - MP 0.31]	8	2	2WU	0.31	30		0.01															
TOTAL FOR MAP NO. 51								0.31			0.01															
2021CPT.03.03.20652	NewHanover	52	SR2237 (LURAY DR.)	FROM SR 2235 (CREEK RIDGE RD) TO SR 2238 (POTOMAC CT) [MP 0.00 - MP 0.08]	7	2	2WU	0.08	26		0.01															
TOTAL FOR MAP NO. 52								0.08			0.01															
2021CPT.03.03.20652	NewHanover	53	SR 2238 (POTOMAC CT)	FROM CUL-DE-SAC TO SR 2720 (HERFORD CT) [MP 0.00 - MP 0.42]	7	2	2WU	0.42	24		0.01															
TOTAL FOR MAP NO. 53								0.42			0.01															
2021CPT.03.03.20652	NewHanover	54	NC STATE PORT	PATCHING EXISTING PAVEMENT ON NC STATE PORT PROPERTY		2		1	24																	
TOTAL FOR MAP NO. 54								1																		
TOTAL FOR PROJ NO. 2021CPT.03.03.20652								6.639			0.31								15,042	14,000						
																			29,042							
GRAND TOTAL								18.049		1,056	1.00	23,650	21,730	20	14	4	1	64	85,258	74,352	100	196	12	2	4	22,000
												45,380		103					159,610					6		

PROJECT NO.	SHEET NO.
2021CPT.03.03.10651, ETC.	34

THERMOPLASTIC AND PAINT QUANTITIES

							4900000000-N		4905000000-N	
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	YELLOW & YELLOW MARKERS	CRYSTAL & RED MARKERS	SNOW PLOWABLE MARKERS (Y/Y)	SNOW PLOWABLE MARKERS (C/R)
							EA	EA	EA	EA
2021CPT.03.03.10651	NewHanover	1	US 17 BUS (MARKET ST.)	FROM EXISTING PVMT. JOINT NORTH OF US 74 (MLK/EASTWOOD RD) TO 0.06 MI. SOUTH OF STATION RD. (NS) MP 5.82 - MP 7.47	1	5			220	320
TOTAL FOR MAP NO. 1									**220**	**320**
TOTAL FOR PROJ NO. 2021CPT.03.03.10651									**220**	**320**
									540	
2021CPT.03.03.20651	New Hanover	2	SR 1352 (USS NORTH CAROLINA RD)	FROM US 17/US 421 PVMT. JOINT TO END OF MAINTENANCE [MP 0.00 - MP 0.43]	1	2	30			
TOTAL FOR MAP NO. 2							**30**			
2021CPT.03.03.20651	NewHanover	3	SR 1300 (BATTLESHIP RD)	FROM SR 1352 (USS NORTH CAROLINA RD) TO END OF MAINTENANCE [MP 0.00 - MP 0.46)]	1	2	31			
TOTAL FOR MAP NO. 3							**31**			
2021CPT.03.03.20651	New Hanover	4	SR 2142 (POINT HARBOR RD)	FROM US 421 (NC 133) PAVT. JOINT TO SR 2189 (POINT HARBOR RD) [MP 0.00 - MP 0.03]	2	2				
TOTAL FOR MAP NO. 4										
2021CPT.03.03.20651	NewHanover	5	SR 2189 (POINT HARBOR RD)	FROM SR 2142 (POINT HARBOR RD) TO END OF MAINTENANCE [MP 0.00 - MP 0.40]	2	2				
TOTAL FOR MAP NO. 5										
2021CPT.03.03.20651	New Hanover	6	SR 2190 (POINT HARBOR RD)	FROM US 421 (NC 133) AT PVMT. JOINT TO SR 2189 (POINT HARBOR RD) [MP 0.00 - MP 0.03]	2	2				
TOTAL FOR MAP NO. 6										
2021CPT.03.03.20651	NewHanover	7	SR 1331 (ROCKHILL RD)	FROM NC 133 (CASTLE HAYNE RD) TO END OF MAINTENANCE [MP 0.00 - MP 1.67]	1	2	93	2		
TOTAL FOR MAP NO. 7							**93**	**2**		
2021CPT.03.03.20651	New Hanover	8	SR 1350 (WHITMAN AVE)	FROM NC 133 (CASTLE HAYNE RD) TO END OF MAINTENANCE [MP 0.00 - MP 0.44]	2	2				
TOTAL FOR MAP NO. 8										
2021CPT.03.03.20651	New Hanover	9	SR 1354 (HORNE PLACE DR)	FROM NC 133 (CASTLE HAYNE RD) TO END OF MAINTENANCE [MP 0.00 - MP 0.70]	2	2				
TOTAL FOR MAP NO. 9										
2021CPT.03.03.20651	New Hanover	10	SR 1403 (MIDDLE SOUND LOOP RD)	FROM PVMT. JOINT 0.13 MI. EAST OF US 17 BUS (MARKET ST) TO PVMT. JOINT BEFORE ROUNDABOUT [MP 0.13 - MP 0.54]	1	2	27			
TOTAL FOR MAP NO. 10							**27**			
2021CPT.03.03.20651	New Hanover	11	SR 2662 (BARBADOS BLVD)	FROM SR 1002 (HOLLY SHELTER RD) TO SR 2771 (LAS TORTUGAS DR) [MP 0.00 - MP 0.47]	3	2	32			
TOTAL FOR MAP NO. 11							**32**			
2021CPT.03.03.20651	New Hanover	12	SR 2771 (LAS TORTUGAS DR)	FROM SR 2662 (BARBADOS BLVD) TO END OF MAINTENANCE [MP 0.00 - MP 0.13]	1	2	9			
TOTAL FOR MAP NO. 12							**9**			
2021CPT.03.03.20651	New Hanover	13	SR 2772 (FARRINGTON FARMS DR)	FROM SR 2048 (GORDON RD) TO END OF MAINTENANCE [MP 0.00 - MP 0.4]	4	2				
TOTAL FOR MAP NO. 13										
2021CPT.03.03.20651	NewHanover	14	SR 1769 (WEYBRIDGE LN)	FROM NC 132 (S COLLEGE RD) TO CUL-DE-SAC [MP 0.00 - MP 0.67]	4	2				
TOTAL FOR MAP NO. 14										
2021CPT.03.03.20651	New Hanover	15	SR 1581 (MANASSAS DR)	FROM US 421 TO END OF MAINTENANCE [MP 0.00 - MP 0.23]	5	2				
TOTAL FOR MAP NO. 15										
2021CPT.03.03.20651	NewHanover	16	SR 1582 (SHILOH DR)	FROM SR 1581 (MANASSAS DR) TO SR 1639 (ANTIETAM DR) [MP 0.00 - MP 0.53]	1	2				
TOTAL FOR MAP NO. 16										
2021CPT.03.03.20651	NewHanover	17	SR 1988 (HEATON PL)	FROM SR 1986 (OYSTER DR) TO SR 1989 (HAVEN WAY) [MP 0.00 - MP 0.07]	4	2				
TOTAL FOR MAP NO. 17										

PROJECT NO.	SHEET NO.
2021CPT.03.03.10651, ETC.	35

THERMOPLASTIC AND PAINT QUANTITIES

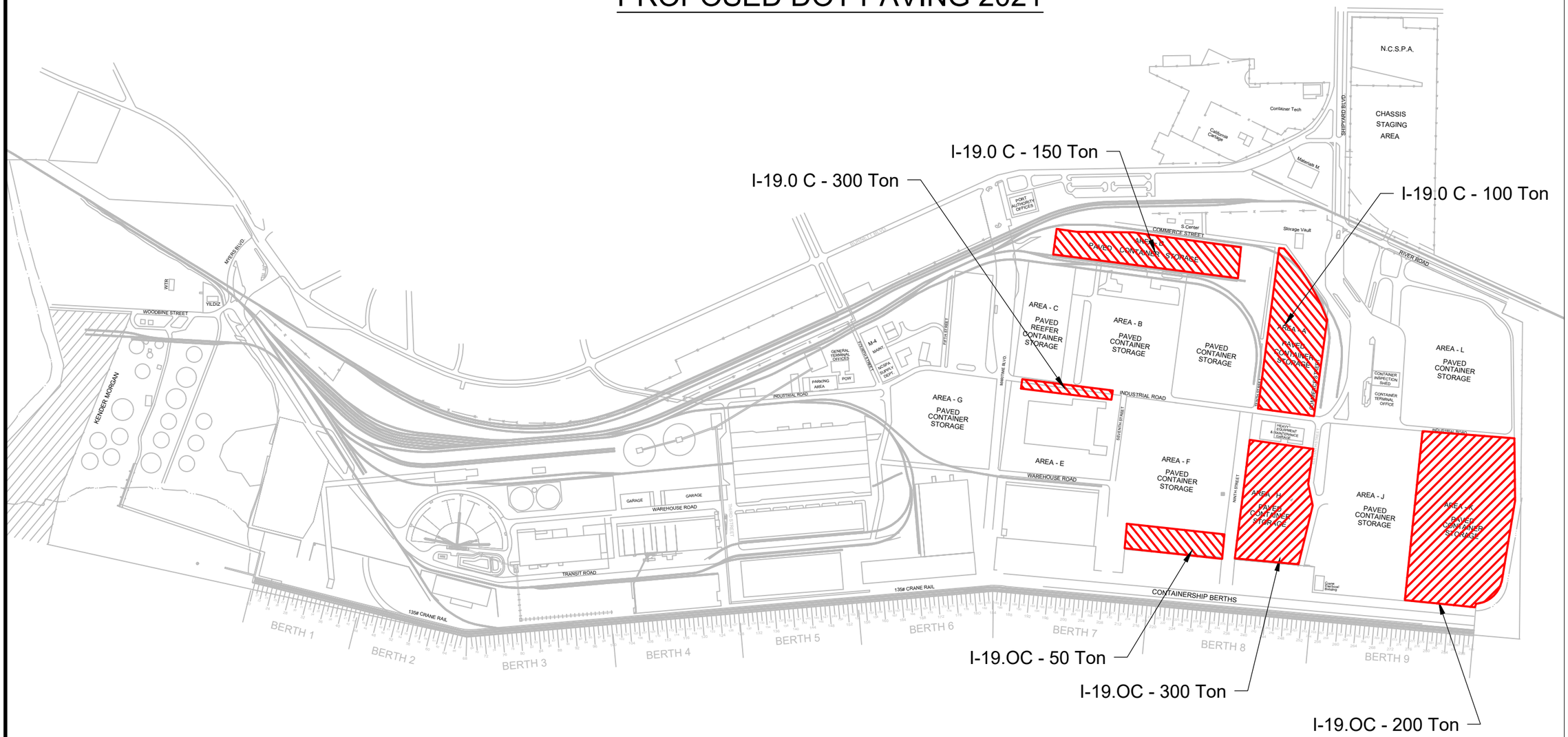
							4900000000-N		4905000000-N	
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	YELLOW & YELLOW MARKERS	CRYSTAL & RED MARKERS	SNOW PLOWABLE MARKERS (Y/Y)	SNOW PLOWABLE MARKERS (C/R)
							EA	EA	EA	EA
2021CPT.03.03.20651	NewHanover	18	SR 1931 (CHASE LN)	FROM SR 1929 (WENDOVER LN) TO SR 1933 (WAGON WHEEL WAY) [MP 0.00 - MP 0.13]	4	2				
TOTAL FOR MAP NO. 18										
2021CPT.03.03.20651	New Hanover	19	SR 2605 (BRIDGEPORT/BRINKMAN DR.)	FROM CUL-DE-SAC TO CUL-DE-SAC [MP 0.00 - MP 0.82]	4	2				
TOTAL FOR MAP NO. 19										
2021CPT.03.03.20651	NewHanover	20	SR 2869 (BRADFIELD CT)	FROM CUL-DE-SAC TO SR 2874 (BRODICK CT) [MP 0.00 - MP 0.45]	4	2				
TOTAL FOR MAP NO. 20										
2021CPT.03.03.20651	NewHanover	21	SR 1986 (OYSTER LN)	FROM SR 1403 (MIDDLE SOUND LOOP) TO SR 1929 (WENDOVER LN) [MP 0.00 - MP 0.48]	4	2				
TOTAL FOR MAP NO. 21										
2021CPT.03.03.20651	NewHanover	22	SR 2148 (OLD MILL RD)	FROM NC 133 TO SR 2335 (ALEX TRASK DR) [MP 0.00 - MP 0.78]	4	2				
TOTAL FOR MAP NO. 22										
2021CPT.03.03.20651	NewHanover	23	SR 2668 (MAYFIELD CT)	FROM SR 2666 (SAPLING CIR) TO CUL-DE-SAC [MP 0.00 - MP 0.03)	6	2				
TOTAL FOR MAP NO. 23										
TOTAL FOR PROJ NO. 2021CPT.03.03.20651							222	2		
							224			
2021CPT.03.03.20652	NewHanover	24	SR 2673 (OVALBERRY CT)	FROM SR 2672 (LOBLOLLY CT) TO CUL-DE-SAC [MP 0.00 - MP 0.04]	6	2				
TOTAL FOR MAP NO. 24										
2021CPT.03.03.20652	NewHanover	25	SR 2623 (GORDON WOODS RD)	FROM SR 2621 (INDIAN WELLS WAY) TO SR 2626 (WINTER MOSS LN) [MP 0.00 - MP 0.38]	6	2				
TOTAL FOR MAP NO. 25										
2021CPT.03.03.20652	NewHanover	26	SR 2629 (AUTUMN LEAVES CT)	FROM CUL-DE-SAC TO CUL-DE-SAC [MP 0.00 - MP 0.19]	6	2				
TOTAL FOR MAP NO. 26										
2021CPT.03.03.20652	NewHanover	27	SR 1925 (MALLOW RD)	FROM SR 1363 (BAYSHORE DR) TO CUL-DE-SAC [MP 0.00 - MP 0.27]	7	2				
TOTAL FOR MAP NO. 27										
2021CPT.03.03.20652	NewHanover	28	SR 2669 (SHADEBRANCH CT)	FROM SR 2666 (SAPLING CIR) TO CUL-DE-SAC [MP 0.00 - MP 0.02]	6	2				
TOTAL FOR MAP NO. 28										
2021CPT.03.03.20652	NewHanover	29	SR 2664 (TASSLE CT)	FROM SR 1328 (WHITE RD) TO CUL-DE-SAC [MP 0.00 - MP 0.02]	6	2				
TOTAL FOR MAP NO. 29										
2021CPT.03.03.20652	NewHanover	30	SR 2624 (BIRCHBARK CT)	FROM SR 2623 (GORDON WOODS RD) TO CUL-DE-SAC [MP 0.00 - 0.02]	6	2				
TOTAL FOR MAP NO. 30										
2021CPT.03.03.20652	NewHanover	31	SR 2625 (INKBERRY CT)	FROM SR 2623 (GORDON WOODS RD) TO CUL-DE-SAC [MP 0.00 - MP 0.02]	6	2				
TOTAL FOR MAP NO. 31										
2021CPT.03.03.20652	NewHanover	32	SR 2628 (BARKWOOD CT)	FROM SR 2626 (WINTER MOSS LN) TO CUL-DE-SAC [MP 0.00 - MP 0.02]	6	2				
TOTAL FOR MAP NO. 32										
2021CPT.03.03.20652	NewHanover	33	SR 2627 (PAMPASS CT)	FROM SR 2626 (WINTER MOSS LN) TO CUL-DE-SAC [MP 0.00 - MP 0.03]	6	2				
TOTAL FOR MAP NO. 33										
2021CPT.03.03.20652	NewHanover	34	SR 2728 (EVERBREEZE LN)	FROM CUL-DE-SAC TO CUL-DE-SAC [MP 0.00 - MP 0.06]	6	2				
TOTAL FOR MAP NO. 34										
2021CPT.03.03.20652	NewHanover	35	SR 2727 (BLACKBURN CT)	FROM SR 2726 (WORHTINGTON WAY) TO CUL-DE-SAC [MP 0.00 - MP 0.05]	6	2				
TOTAL FOR MAP NO. 35										
2021CPT.03.03.20652	NewHanover	36	SR 2726 (WORTHINGTON WAY)	FROM SR 2621 (INDIAN WELLS WAY) TO SR 2728 (EVERBREEZE LN) [MP 0.00 - MP 0.14)	6	2				
TOTAL FOR MAP NO. 36										
2021CPT.03.03.20652	NewHanover	37	SR 2671 (MERKLEBAY CT)	FROM SR 2666 (SAPLING CIR.) TO CUL-DE-SAC [MP 0.00 - MP 0.05]	6	2				
TOTAL FOR MAP NO. 37										
2021CPT.03.03.20652	NewHanover	38	SR 2674 (WILDBERRY CT)	FROM SR 2666 (SAPLING CIR) TO CUL-DE-SAC [MP 0.00 - MP 0.05]	6	2				
TOTAL FOR MAP NO. 38										

PROJECT NO.	SHEET NO.
2021CPT.03.03.10651, ETC.	36

THERMOPLASTIC AND PAINT QUANTITIES

							4900000000-N		4905000000-N	
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	YELLOW & YELLOW MARKERS	CRYSTAL & RED MARKERS	SNOW PLOWABLE MARKERS (Y/Y)	SNOW PLOWABLE MARKERS (C/R)
							EA	EA	EA	EA
2021CPT.03.03.20652	NewHanover	39	SR 2621 (INDIAN WELLS WAY)	FROM SR 2048 (GORDON RD) TO CUL-DE-SAC [MP 0.00 - MP 0.24]	6	2				
TOTAL FOR MAP NO. 39										
2021CPT.03.03.20652	NewHanover	40	SR 2670 (CONIFER CT)	SR 2666 (SAPLING CIR) TO CUL-DE-SAC [MP 0.00 - MP 0.02]	6	2				
TOTAL FOR MAP NO. 40										
2021CPT.03.03.20652	NewHanover	41	SR 2315 (SATARA DR)	FROM NC 132 (S. COLLEGE RD) TO CUL-DE-SAC [MP 0.00 - MP 0.46]	7	2				
TOTAL FOR MAP NO. 41										
2021CPT.03.03.20652	NewHanover	42	SR 2340 (CHAPRA DR)	FROM SR 2315 (SATARA DR) TO EXISTING PAVEMENT JT. [MP 0.00 - MP 0.45]	7	2				
TOTAL FOR MAP NO. 42										
2021CPT.03.03.20652	NewHanover	43	SR 2339 (QUILON CIRCLE)	FROM CUL-DE-SAC TO SR 2340 (CHAPRA DR) [MP 0.00 - MP 0.20]	7	2				
TOTAL FOR MAP NO. 43										
2021CPT.03.03.20652	NewHanover	44	SR 2338 (TROMBAY DR)	FROM NC 132 (S. COLLEGE RD) TO SR 2339 (QUILON CIR) [MP 0.00 - MP 0.29]	7	2				
TOTAL FOR MAP NO. 44										
2021CPT.03.03.20652	NewHanover	45	SR 2191 (BEAWOOD RD)	FROM SR 2147 (PENCADE RD) TO SR 2192 (GRAYSTONE RD) [MP 0.00 - MP 0.33]	7	2				
TOTAL FOR MAP NO. 45										
2021CPT.03.03.20652	NewHanover	46	SR 2192 (GRAYSTONE RD)	FROM SR 2147 (PENCADE RD) TO SR 2191 (BEAWOOD RD) [MP 0.00 - MP 0.28]	7	2				
TOTAL FOR MAP NO. 46										
2021CPT.03.03.20652	NewHanover	47	SR 2193 (CHERAW CT)	FROM SR 2192 (GRAYSTONE RD) TO CUL-DE-SAC [MP 0.00 - MP 0.03]	7	2				
TOTAL FOR MAP NO. 47										
2021CPT.03.03.20652	NewHanover	48	SR 2194 (ARCHDALE RD)	FROM SR 2192 (GRAYSTONE RD) TO SR 2191 (BEAWOOD RD) [MP 0.00 - MP 0.10]	7	2				
TOTAL FOR MAP NO. 48										
2021CPT.03.03.20652	New Hanover	49	SR 2323 (BARNARDS LANDING RD)	FROM SR 1265 (INDIAN TRAIL) TO SR 2359 (BALFOURE DR) [MP 0.00 - MP 0.36]	8	2				
TOTAL FOR MAP NO. 49										
2021CPT.03.03.20652	New Hanover	50	SR 1262 (HORN ROAD)	FROM SR 1238 (ILEX ROAD) TO US 421 (CAROLINA BEACH ROAD) MP 0.00 - MP 0.699	8	2				
TOTAL FOR MAP NO. 50										
2021CPT.03.03.20652	New Hanover	51	SR 1265 (INDIAN TRAIL)	FROM CUL-DE-SAC TO SR 1255 (YULAN DR) [MP 0.00 - MP 0.31]	8	2				
TOTAL FOR MAP NO. 51										
2021CPT.03.03.20652	NewHanover	52	SR2237 (LURAY DR.)	FROM SR 2235 (CREEK RIDGE RD) TO SR 2238 (POTOMAC CT) [MP 0.00 - MP 0.08]	7	2				
TOTAL FOR MAP NO. 52										
2021CPT.03.03.20652	NewHanover	53	SR 2238 (POTOMAC CT)	FROM CUL-DE-SAC TO SR 2720 (HERFORD CT) [MP 0.00 - MP 0.42]	7	2				
TOTAL FOR MAP NO. 53										
2021CPT.03.03.20652	NewHanover	54	NC STATE PORT	PATCHING EXISTING PAVEMENT ON NC STATE PORT PROPERTY		2				
TOTAL FOR MAP NO. 54										
TOTAL FOR PROJ NO. 2021CPT.03.03.20652										
GRAND TOTAL							222	2	220	320
							224		540	

PROPOSED DOT PAVING 2021



NOTES:

1. All areas are approximate locations and quantities are subject to change.
2. All repairs are 2" - 2 $\frac{1}{2}$ " mill / fill.
3. Assume 1100 Tons I-19.0 C Total.
4. Full road closures not allowed without coordination with (NCSPA Operations).
5. All work will occur from hours of 6pm to 6am (Monday - Sunday).

POW Paving Locations Map 2021.dwg

The North Carolina State Ports Authority does not and cannot guarantee the accuracy of this drawing(s). Use of the information and data contained within this drawing(s) is at your sole risk. If you rely on this information on this drawing you are responsible for ensuring by independent verification its accuracy, currency or completeness.

REV	DESCRIPTION	DATE	ISSUED BY	APP BY
A	ISSUED FOR REVIEW	10/07/2020		BWA

NORTH CAROLINA STATE PORTS AUTHORITY
DEPARTMENT OF ENGINEERING and MAINTENANCE
PO BOX 9002
WILMINGTON, NC 28402
MARK A. BLAKE, P.E. DIRECTOR

DESIGNED BY: NAME | DRAWN BY: RDM | CHECKED BY: BWA | PROJ. MAN. BWA

NORTH CAROLINA PROFESSIONAL SEAL 25855 ENGINEER BARRY W ADDERTON

NORTH CAROLINA PORTS

NORTH CAROLINA STATE PORTS AUTHORITY
Asphalt Patching Locations
Proposed DOT Paving - 2021
Port of Wilmington

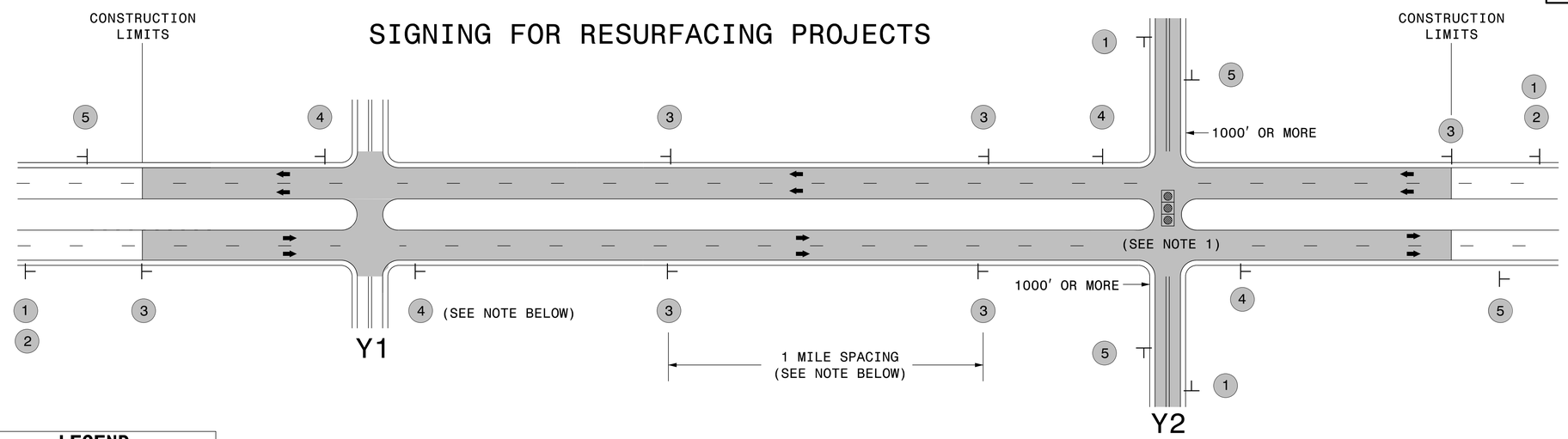
SHEET# 1
SCALE: AS SHOWN

PROJECT # N/A

GA

PROJ. REFERENCE NO.	SHEET NO.
2021CPT.03.03.10651, Etc.	TCP-1

SIGNING FOR RESURFACING PROJECTS



LEGEND

- ⊢ STATIONARY SIGN
- ⬅ DIRECTION OF TRAFFIC FLOW

MAINLINE (-L-) SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION

1	ROAD WORK AHEAD W20-1 48″ X 48″	PLACE 1000′ PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000′ ALONG -Y- LINE.
2	NEXT XX MILES W7-3aP 24″ X 18″	#2 SIGN ONLY USED WHEN RESURFACING LIMITS ARE 2 OR MORE MILES IN LENGTH. ROUND UP TO NEXT WHOLE NUMBER.(NO FRACTIONAL OR DECIMAL NUMBERS)
3	LOW/SOFT SHOULDER SP 13107 48″ X 48″	PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACED 1 MILE APART THEREAFTER. IF NO -Y- LINES EXIST, PLACE 2ND SET ½ MILE FROM THE CONSTRUCTION LIMITS AND THEN SPACE 1 MILE 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.

-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, ADVANCE WARNING PORTABLE 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.

NOTES:

1) MAY USE LAW ENFORCEMENT TO CONTROL TRAFFIC AT SIGNALIZED INTERSECTIONS AS DIRECTED BY THE ENGINEER. PROVIDE PORTABLE "ROAD WORK AHEAD" (W20-1) SIGNS 500′ IN ADVANCE ALONG BOTH APPROACHES FROM THE SIDE STREETS WHEN PAVING PROCEEDS THROUGH THE INTERSECTION.

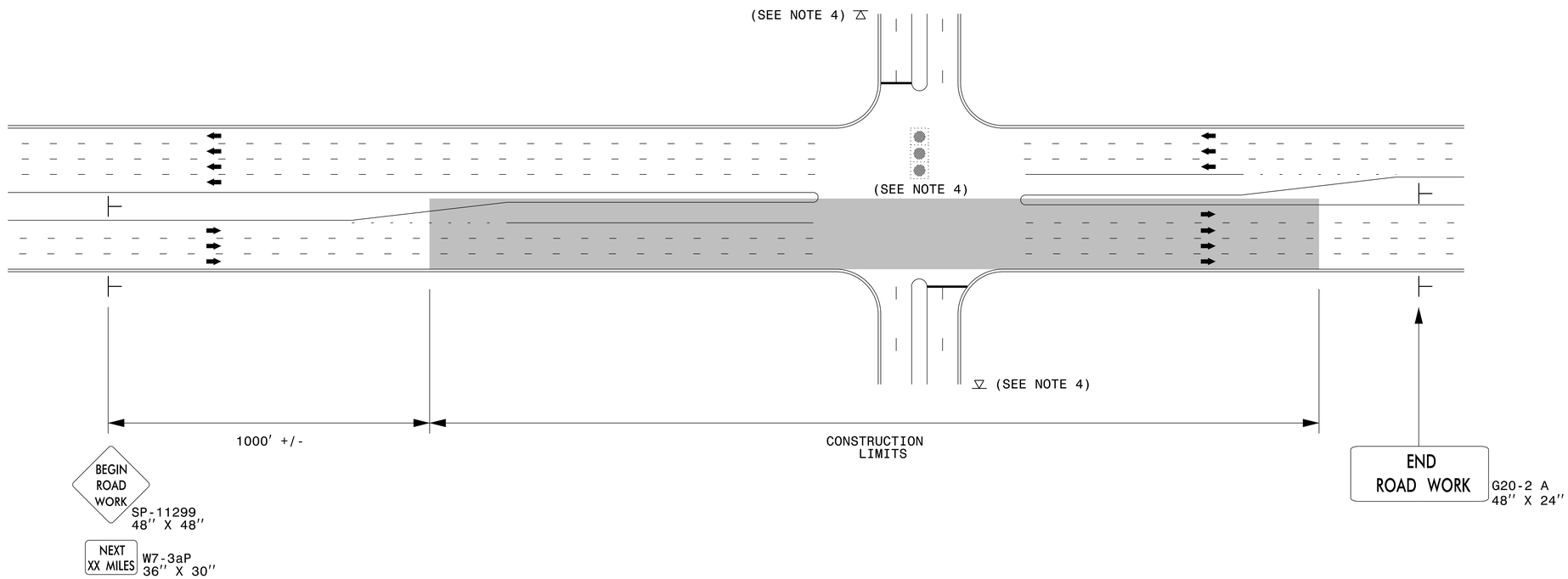
DIVISION OF HIGHWAYS · STATE OF NORTH CAROLINA · DEPARTMENT OF TRANSPORTATION · WORK ZONE TRAFFIC CONTROL

RESURFACING
ADVANCE WARNING SIGNS
FOR RURAL AND SUBURBAN
MULTI-LANE ROADWAYS
W/ SHOULDER SECTIONS

3/23/2015
C:\Users\rmgarrett\Downloads\Resurfacing_AdvWarn_UrSu_Shldr.dgn
User:rmgarrett

PROJ. REFERENCE NO.	SHEET NO.
2021CPT.03.03.10651, Etc.	TCP-2

URBAN / SUBURBAN WORKZONES



NOTES:

1) 48" x 48" SIZED SIGNS (SP- 11299) MAY BE REDUCED TO 36" X 36" ON ROADWAYS WITH SPEED LIMITS OF 40 MPH OR LESS.
2) MOUNT SIGNS THAT ARE LARGER THAN 10 SQUARE FEET IN AREA ON TWO OR MORE WOOD OR U-CHANNEL SUPPORTS. PERFORATED SQUARE TUBING SUPPORT SYSTEMS MAY SUPPORT LARGER AREAS ON A SINGLE SUPPORT. FOLLOW MANUFACTURER'S RECOMMENDATIONS. THESE SYSTEMS SHALL BE NCHRP 350 COMPLIANT AND NCDOT APPROVED.
3) ADVANCE WARNING SIGNS NOT REQUIRED ON NON-SIGNALIZED SIDE STREETS.
4) MAY USE LAW ENFORCEMENT TO CONTROL TRAFFIC AT SIGNALIZED INTERSECTIONS AS DIRECTED BY THE ENGINEER. PROVIDE PORTABLE "ROAD WORK AHEAD" (W20-1) SIGNS 500' IN ADVANCE ALONG BOTH APPROACHES FROM THE SIDE STREETS WHEN PAVING PROCEEDS THROUGH THE INTERSECTION.
5) LATERAL CLEARANCE AT ALL SIGN LOCATIONS SHALL BE 2' AS MEASURED FROM THE EDGE OF PAVEMENT OR THE FACE OF THE CURB. WHEN UNABLE TO OBTAIN THE LATERAL CLEARANCE WITHIN THE MEDIAN AREA USE SHOULDER MOUNTS ONLY.
6) SIGN MOUNT LOCATIONS SHALL NOT BLOCK SIDEWALKS OR DRIVEWAYS.
7) IF STATIONARY GENERAL WARNING SIGNS ARE USED, THEY WILL BE PAID FOR PER SECTION 104 OF THE NCDOT STANDARD SPECIFICATIONS AS EXTRA WORK.
8) IF MILLED AREAS ARE NOT PAVED BACK BY THE END OF THE WORK DAY, PORTABLE SIGNS SHALL BE USED TO WARN DRIVERS OF THE PRESENT CONDITIONS. THESE ARE TO INCLUDE, BUT NOT LIMITED TO "ROUGH ROAD" W8-8, "UNEVEN LANES" W8-11, "GROOVED PAVEMENT" W8-15 w/MOTORCYCLE PLAQUE MOUNTED BELOW. THESE ARE TO BE DOUBLE INDICATED ON MULTI-LANE ROADWAYS WITH SPEED LIMITS 45 MPH AND GREATER WHERE LATERAL CLEARANCE CAN BE OBTAINED WITHIN THE MEDIAN AREAS.THESE PORTABLE SIGNS ARE INCIDENTAL TO THE OTHER ITEMS OF WORK INCLUDED IN THE TEMPORARY TRAFFIC CONTROL (LUMP SUM) PAY ITEM.

LEGEND

- STATIONARY SIGN
- DIRECTION OF TRAFFIC FLOW

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

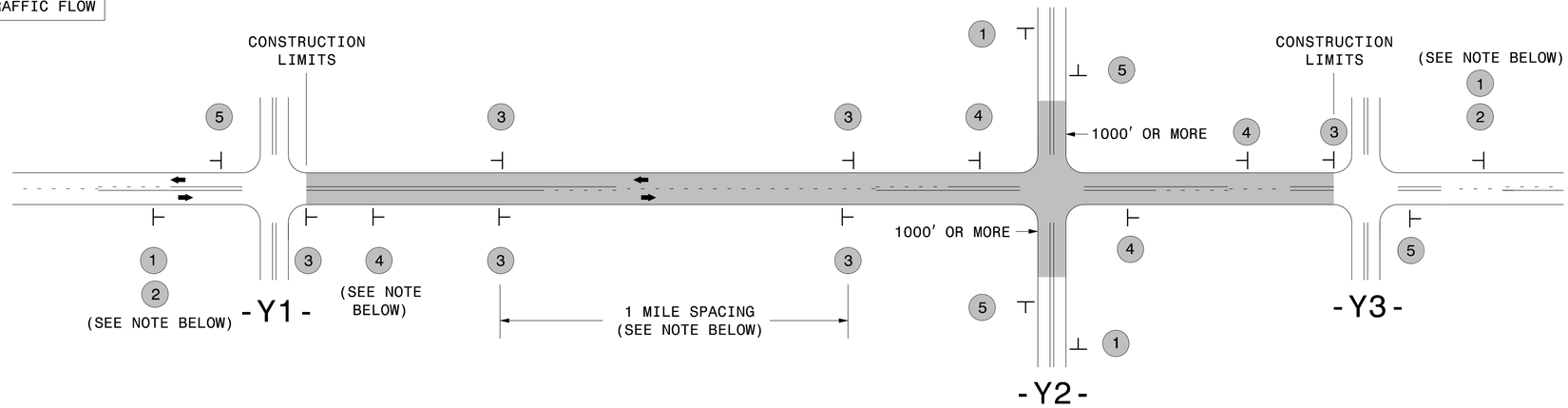
RESURFACING ADVANCE WARNING SIGNS FOR URBAN / SUBURBAN FACILITIES

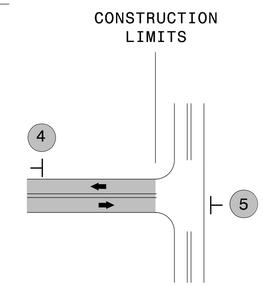
4/8/2015
C:\Users\rmgarrett\Downloads\Resurfacing_AdvWarn_UrSu (2).dgn
User:rmgarrett

PROJ. REFERENCE NO.	SHEET NO.
2021CPT.03.03.10651, Etc.	TCP-3

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″	PLACE 1000′ PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000′ ALONG -Y- LINE.
2	NEXT XX MILES — W7-3aP 24″ X 18″	#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	LOW/SOFT 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.

-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.

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.

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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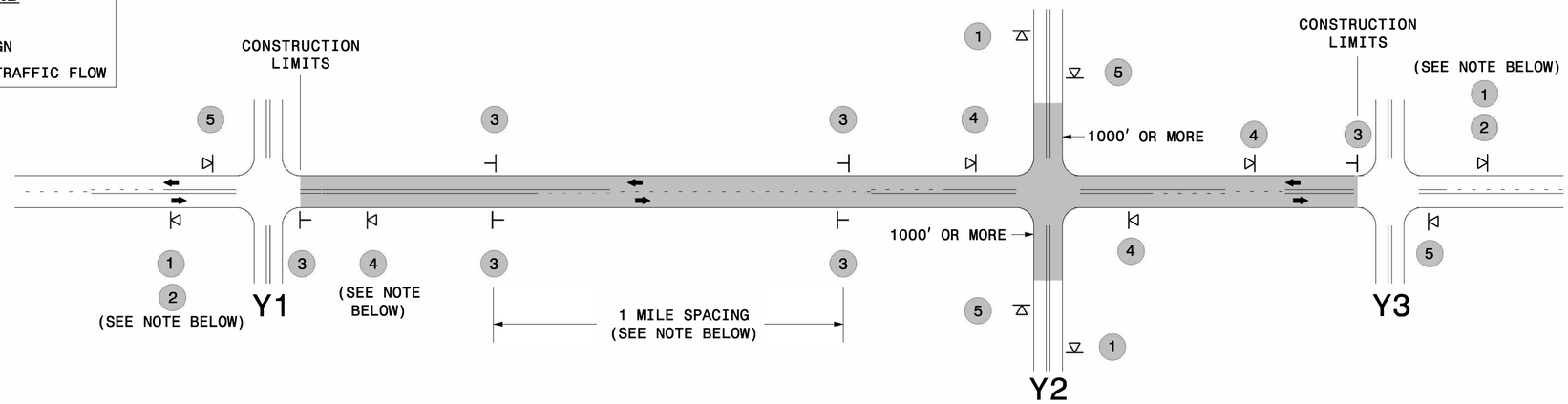
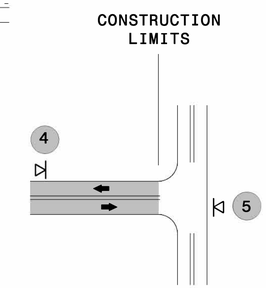
2021CPT.03.03.10651, Etc.	TCP - 4

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
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