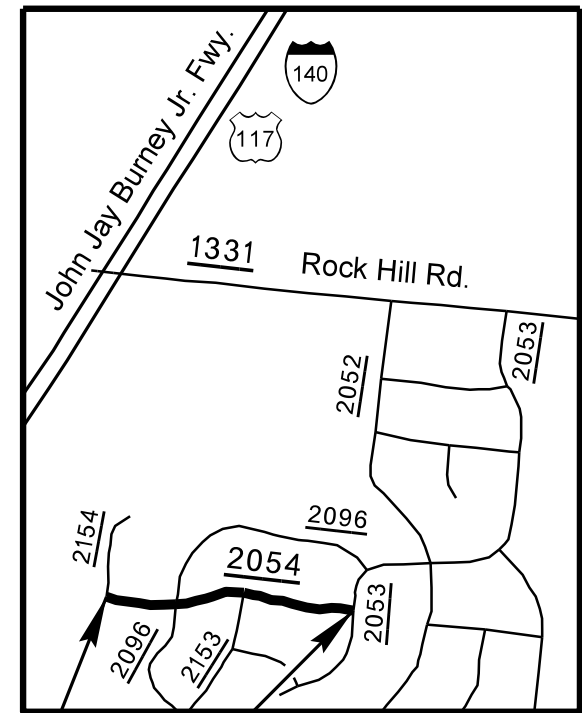


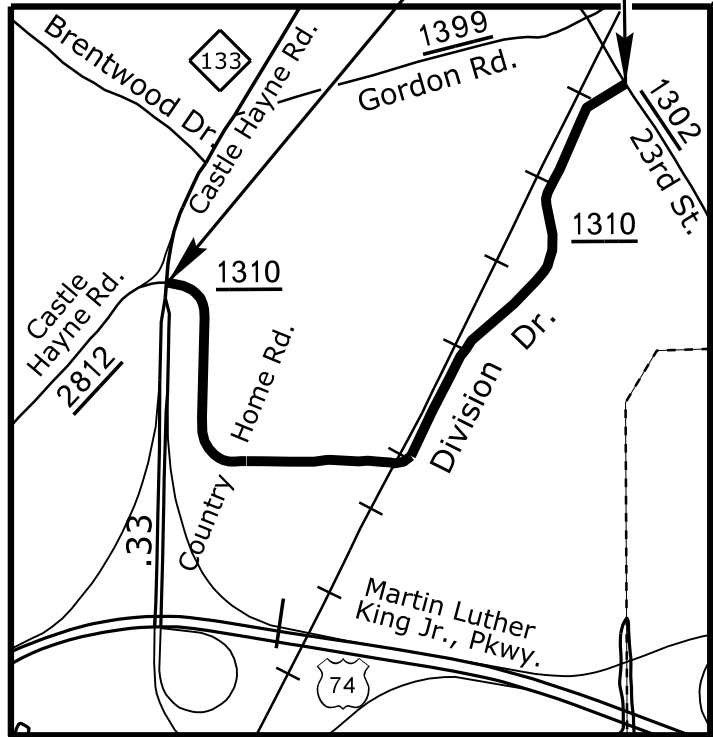
NEW HANOVER COUNTY

LOCATION: 35 SECTIONS OF SECONDARY ROADS
TYPE OF WORK: MILLING, RESURFACING & PAVEMENT MARKINGS, ETC.



SR 2054
Diamond Dr.

4



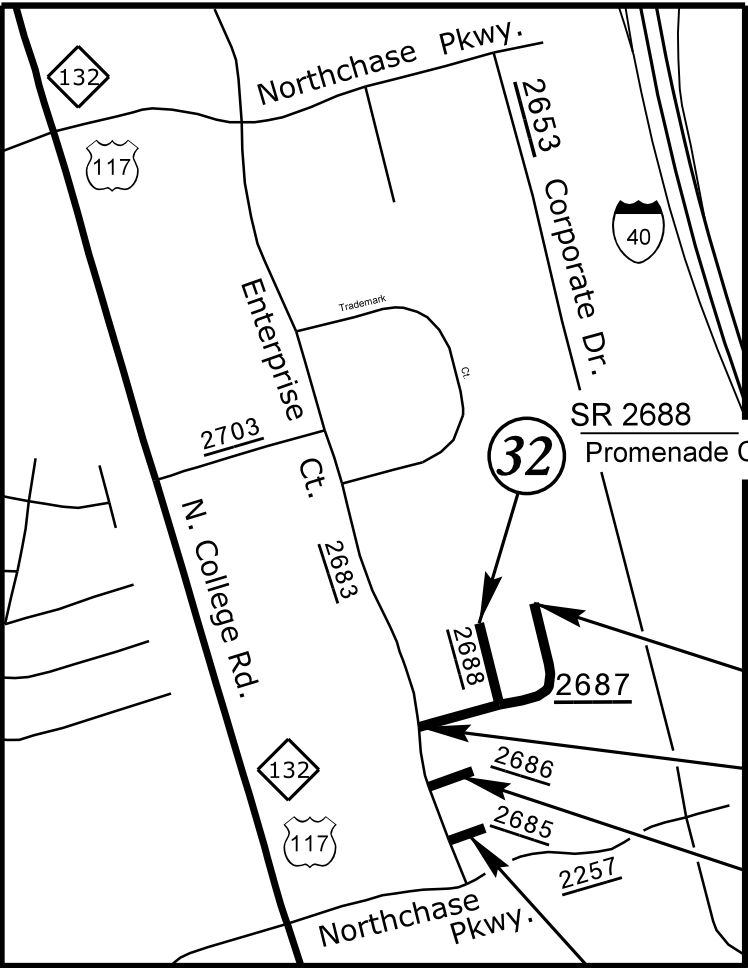
SR 1310
Division Dr.

1



NEW
HANOVER
COUNTY

INDEX OF SHEETS	
SHEET NO.	SHEET
1 & 2	INDEX OF SHEETS & TITLE SHEETS
3 - 11	PAVEMENT SCHEDULE, TYPICAL SECTIONS & DETAILS SHEETS
12 - 17	SUMMARY OF QUANTITIES
18	TRAFFIC CONTROL DETAIL



SR 2687
Legend Dr.

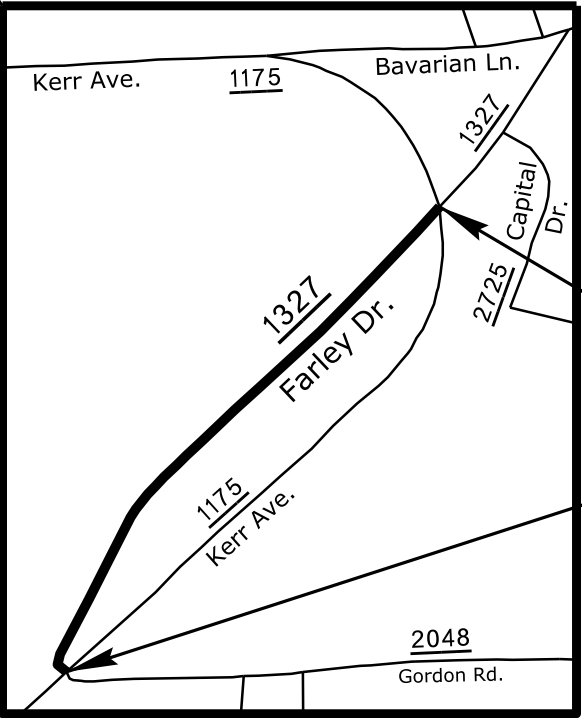
31

34

SR 2686
Justus Ct.

35

SR 2685
Drewman Ct.



SR 1327
Farley Rd.

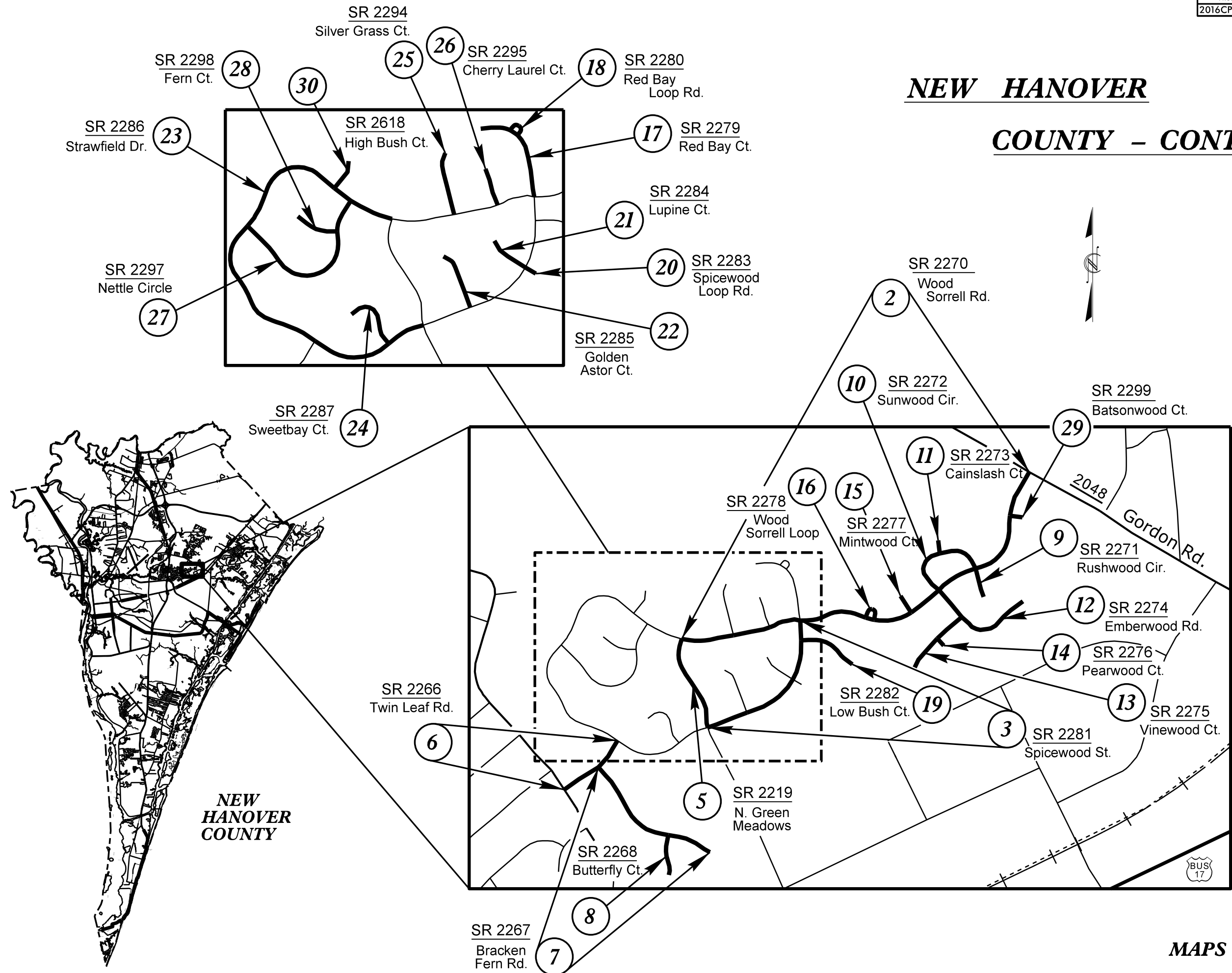
33

MAPS N.T.S.

REVISIONS

06-MAR-2016 12:22
S:\Division\Resurfacing Data\2016
Resurfacing\New Hanover County\Additional Funds 2016CPT.03.37.20651, Etc.\2016CPT.03.37.20651, Etc., Rdy. I\$H.dgn
\$\$\$\$\$

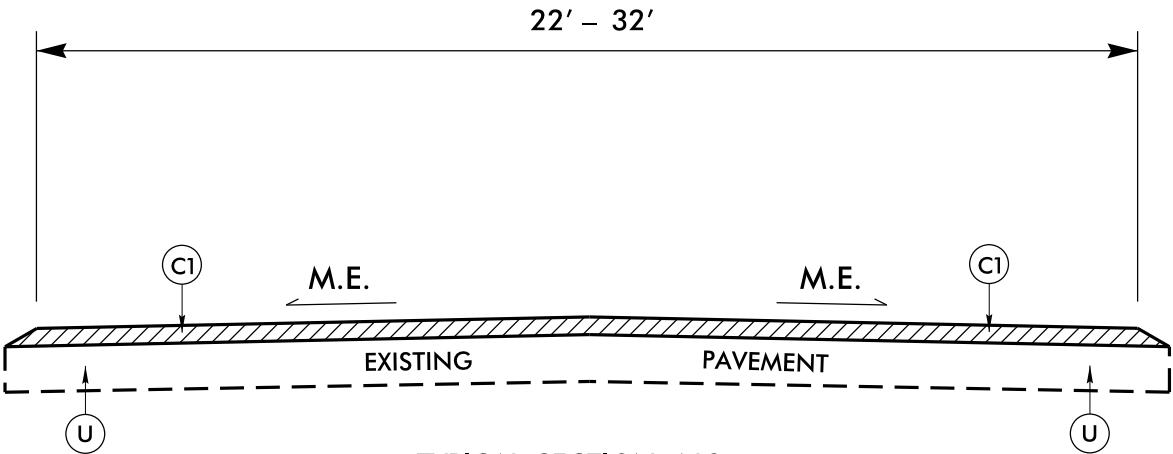
NEW HANOVER
COUNTY – CONT.



MAPS N.T.S.

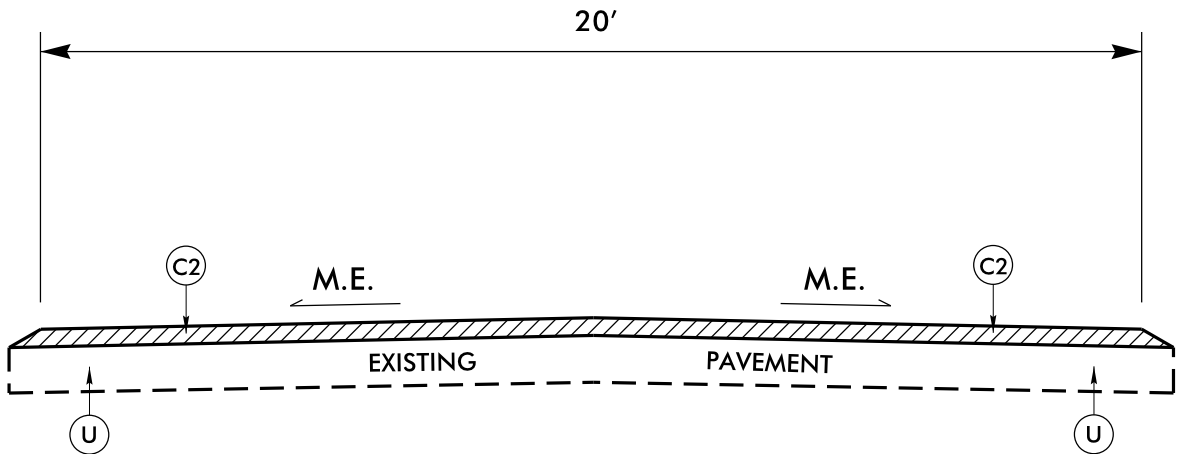
REVISIONS

07-MAP-2016 10450
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8/17/99



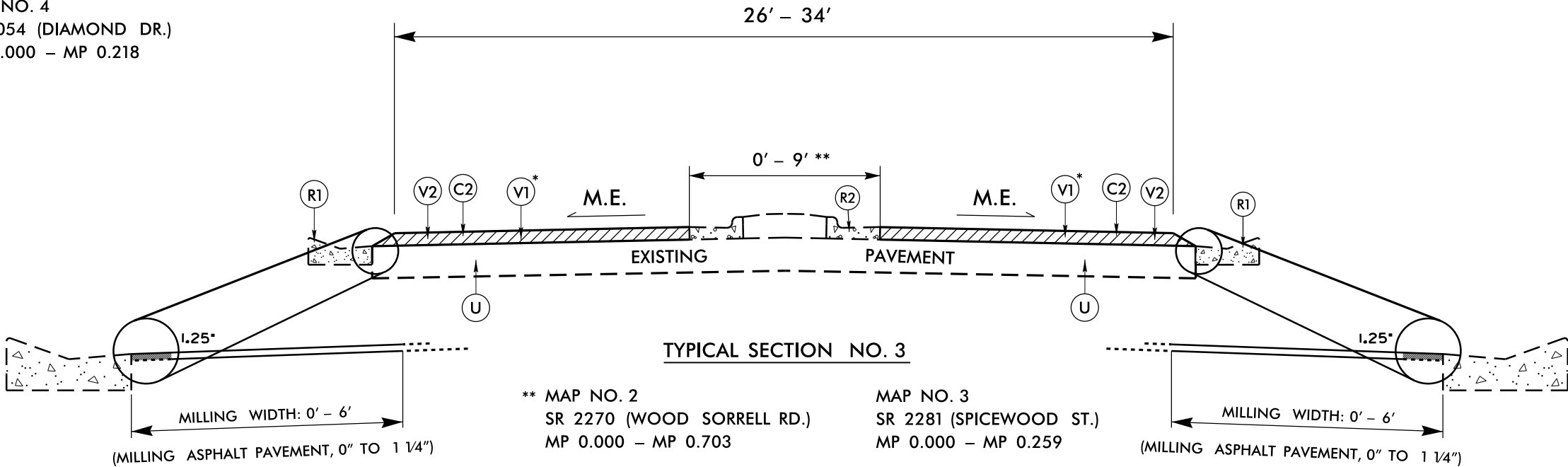
TYPICAL SECTION NO. 1

MAP NO. 1
SR 1310 (DIVISION DR.)
MP 0.000 - MP 0.810



TYPICAL SECTION NO. 2

MAP NO. 4
SR 2054 (DIAMOND DR.)
MP 0.000 - MP 0.218



TYPICAL SECTION NO. 3

** MAP NO. 2
SR 2270 (WOOD SORRELL RD.)
MP 0.000 - MP 0.703

MAP NO. 3
SR 2281 (SPICEWOOD ST.)
MP 0.000 - MP 0.259

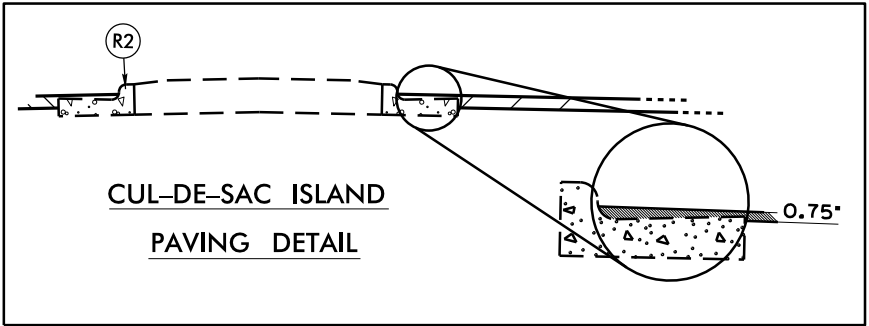
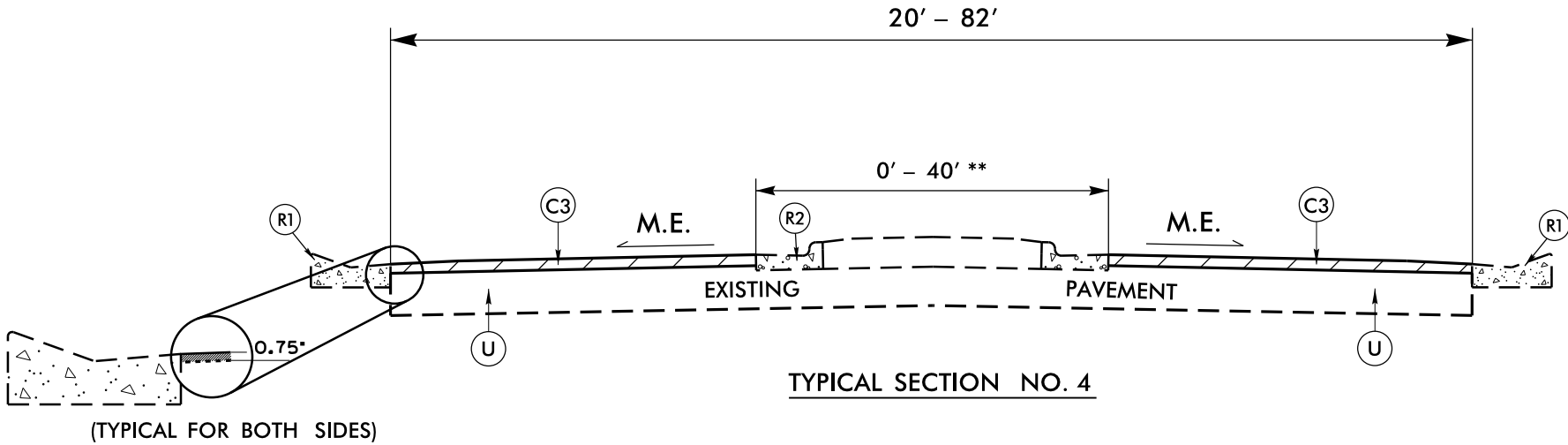
* MILL (1.5") FULL WIDTH
MP 0.000 - MP 0.019
(MAP 2 ONLY)

PAVEMENT SCHEDULE

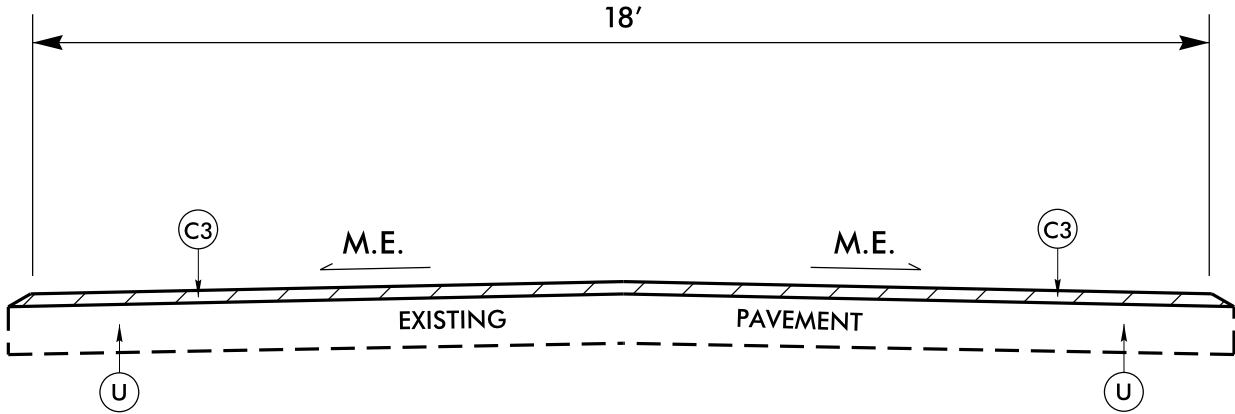
C1	PROP. APPROX. 1½" DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 165 LBS. PER SQ.YD.
C2	PROP. APPROX. 1¼" DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 138 LBS. PER SQ.YD.
C3	PROP. APPROX. ¾" DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S4.75A, AT AN AVERAGE RATE OF 85 LBS. PER SQ.YD.
R1	EXISTING CONCRETE VALLEY CURB
R2	EXISTING 2'6" CONCRETE CURB
U	EXISTING PAVEMENT
V1	MILLING ASPHALT PAVEMENT, 1½" DEPTH
V2	MILLING ASPHALT PAVEMENT, 0" - 1¼"

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

SEE STD. DRAWING 1205.01, SHEET 2 OF 2, TABLE 1 FOR EDGE LINE
OFFSETS.



MAP NO. 5 SR 2219 (N. GREEN MEADOWS) MP 0.524 - MP 0.680	MAP NO. 10 SR 2272 (SUNWOOD CIR.) MP 0.000 - MP 0.156	MAP NO. 15 ** SR 2277 (MINTWOOD CT.) MP 0.000 - MP 0.032	MAP NO. 20 ** SR 2283 (SPICEWOOD LOOP RD.) MP 0.000 - MP 0.017	MAP NO. 25 ** SR 2294 (SILVER GRASS CT.) MP 0.000 - MP 0.087	MAP NO. 30 ** SR 2618 (HIGH BUSH CT.) MP 0.000 - MP 0.043
MAP NO. 6 SR 2266 (TWIN LEAF RD.) MP 0.000 - MP 0.124	MAP NO. 11 ** SR 2273 (CAINSLASH CT.) MP 0.000 - MP 0.028	MAP NO. 16 ** SR 2278 (WOOD SORRELL LOOP) MP 0.000 - MP 0.038	MAP NO. 21 ** SR 2284 (LUPINE CT.) MP 0.000 - MP 0.058	MAP NO. 26 ** SR 2295 (CHERRY LAUREL CT.) MP 0.000 - MP 0.052	MAP NO. 31 SR 2687 (LEGEND DR.) MP 0.000 - MP 0.193
MAP NO. 7 SR 2267 (BRACKEN FERN RD.) MP 0.000 - MP 0.238	MAP NO. 12 ** SR 2274 (EMBERWOOD RD.) MP 0.000 - MP 0.186	MAP NO. 17 ** SR 2279 (RED BAY CT.) MP 0.000 - MP 0.144	MAP NO. 22 ** SR 2285 (GOLDEN ASTOR CT.) MP 0.000 - MP 0.082	MAP NO. 27 SR 2297 (NETTLE CIR.) MP 0.000 - MP 0.239	MAP NO. 32 SR 2688 (PROMENDADE CT.) MP 0.000 - MP 0.077
MAP NO. 8 SR 2268 (BUTTERFLY CT.) MP 0.000 - MP 0.066	MAP NO. 13 ** SR 2275 (VINEWOOD CT.) MP 0.000 - MP 0.111	MAP NO. 18 ** SR 2280 (RED BAY LOOP RD.) MP 0.000 - MP 0.032	MAP NO. 23 SR 2286 (STRAWFIELD DR.) MP 0.000 - MP 0.645	MAP NO. 28 ** SR 2298 (FERN CT.) MP 0.000 - MP 0.059	MAP NO. 34 SR 2686 (JUSTUS CT.) MP 0.000 - MP 0.038
MAP NO. 9 ** SR 2271 (RUSHWOOD CIR.) MP 0.000 - MP 0.050	MAP NO. 14 ** SR 2276 (PEARWOOD CT.) MP 0.000 - MP 0.031	MAP NO. 19 ** SR 2282 (LOW BUSH CT.) MP 0.000 - MP 0.099	MAP NO. 24 SR 2287 (SWEETBAY CT.) MP 0.000 - MP 0.645	MAP NO. 29 ** SR 2299 (BATSONWOOD CT.) MP 0.000 - MP 0.027	MAP NO. 35 SR 2685 (DREWMAN CT.) MP 0.000 - MP 0.033



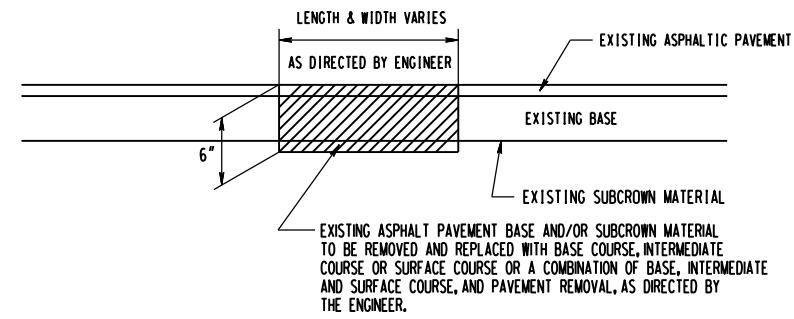
MAP NO. 33
SR 1327 (FARLEY RD.)
MP 0.258 - MP 0.960

PAVEMENT SCHEDULE	
C3	¾" S4.75A
R1	EXIST. VALLEY CURB
R2	EXIST. 2'-6" C & G
U	EXISTING PAVEMENT

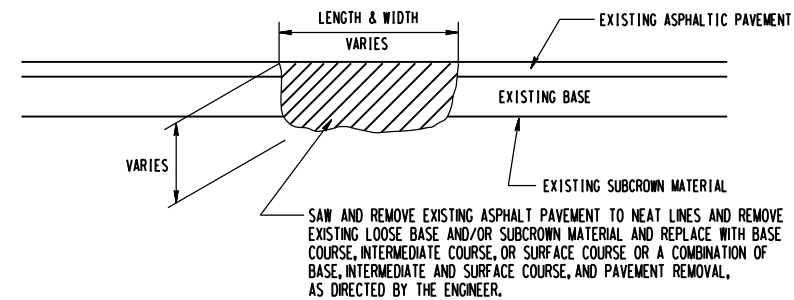
REVISIONS

07-MAP-2016 10453
S:\Division\Resurfacing\Resurfacing Data\2016
Resurfacing\New Hanover County\Additional Funds\2016CPT.03.37.20651, Etc.\2016CPT.03.37.20651, Etc.\Rdy_I.TYP.dgn
\$\$\$\$\$BUTTERMAN\$\$\$\$\$

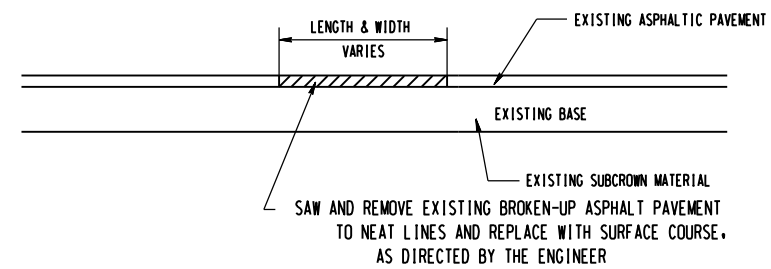
DETAILS OF REPAIRING EXISTING PAVEMENT PRIOR TO RESURFACING FOR FULL DEPTH AND MILLING



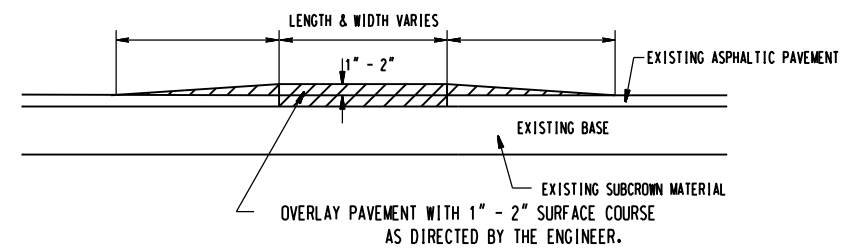
DETAIL NO. 1



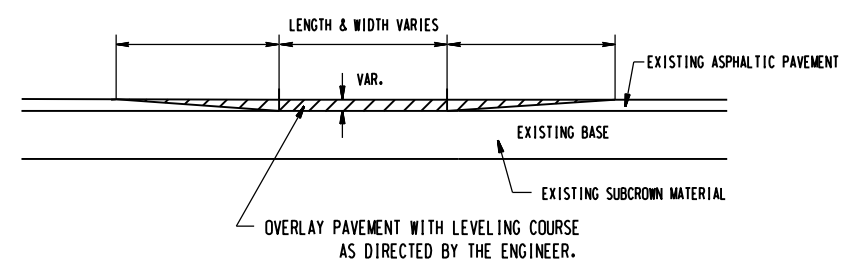
DETAIL NO. 2



DETAIL NO. 3



DETAIL NO. 4



DETAIL NO. 5

REVISIONS

20-APR-2015 11:56
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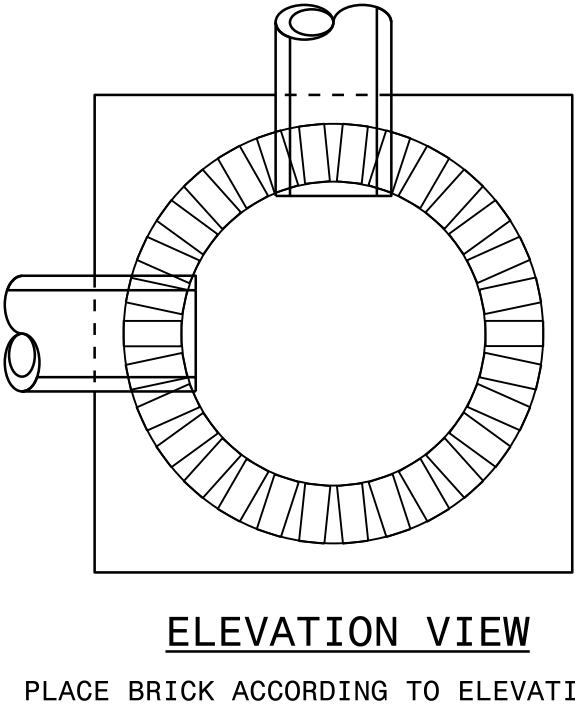
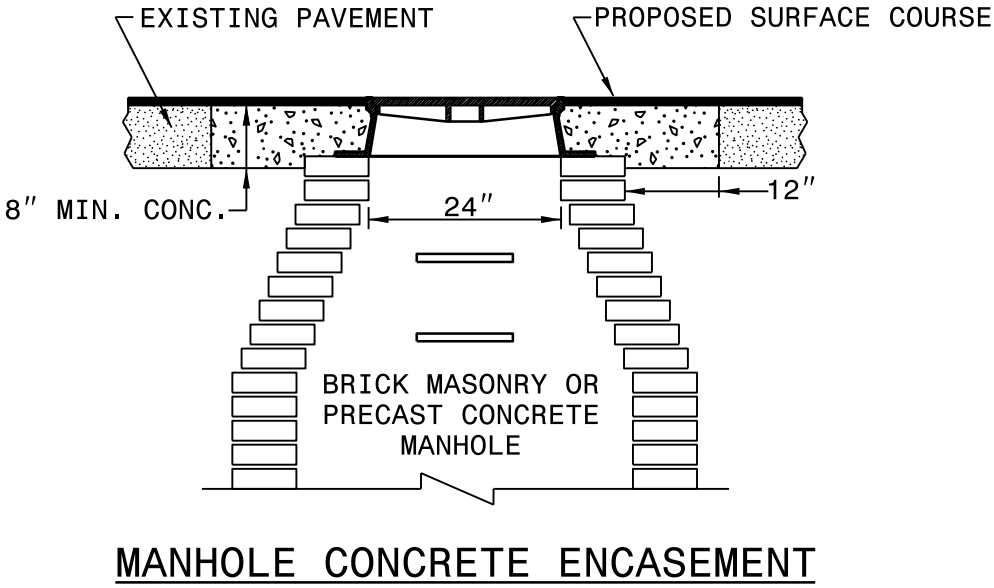
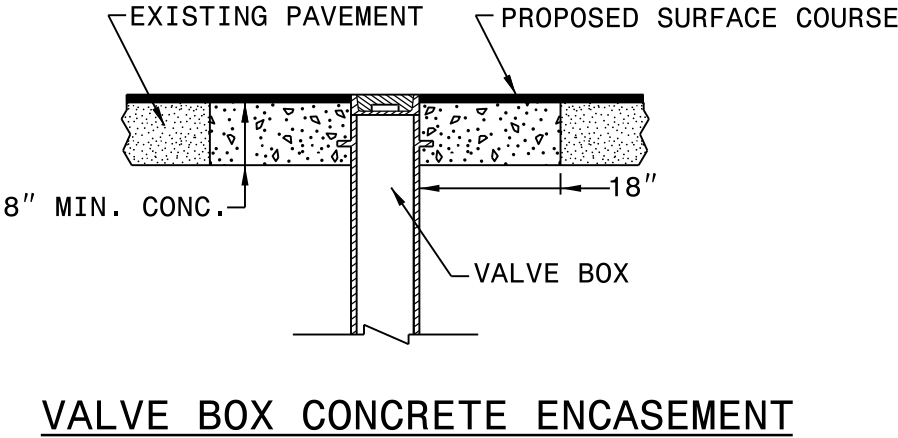
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20-APR-2015 11:56

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

ENGLISH DETAIL DRAWING FOR
MANHOLE AND VALVE BOX ADJUSTMENTS

SHEET 1 OF 1
840D55

- GENERAL NOTES:
1. USE RAPID SET GROUT, MORTAR, OR CONCRETE THAT WILL TAKE FULL SET AND BECOME LOAD BEARING WITHIN SIXTY MINUTES OF PLACEMENT WITH A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI.
 2. REMOVE ALL FAULTY EXISTING BRICKWORK AND REPLACE WITH NEW BRICK MASONRY.
 3. SHEER CUT EXCAVATION FOR THE ADJUSTMENT ON ALL SIDES.
 4. FILL AREA BELOW 8" DEPTH WITH 78M OR NO. 57 CLEAN STONE.
 5. MIX MORTAR TO NCDOT SPECIFICATIONS.
 6. MORTAR JOINTS $\frac{1}{2}$ " +/- $\frac{1}{8}$ "
 7. CONSTRUCT AN ASPHALT RAMP IN ACCORDANCE WITH SECTION 858-3 OF THE 2012 STANDARD SPECIFICATIONS.



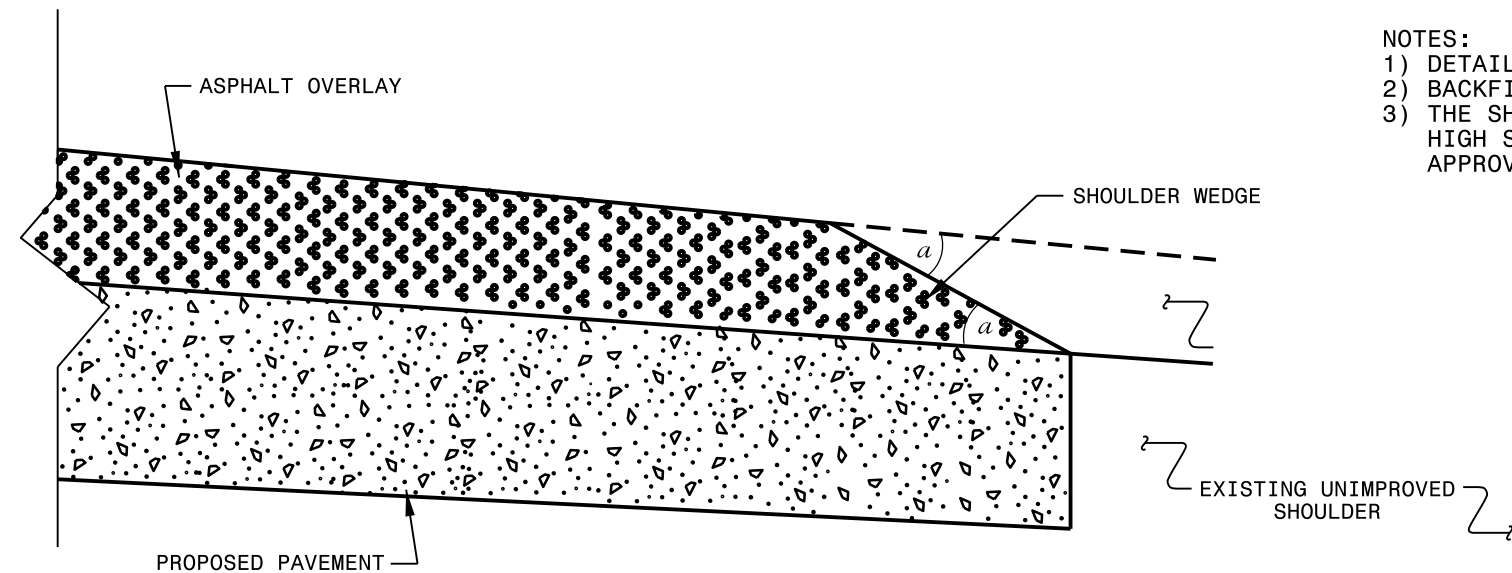
STATE OF
NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ENGLISH DETAIL DRAWING FOR
MANHOLE AND VALVE BOX ADJUSTMENTS

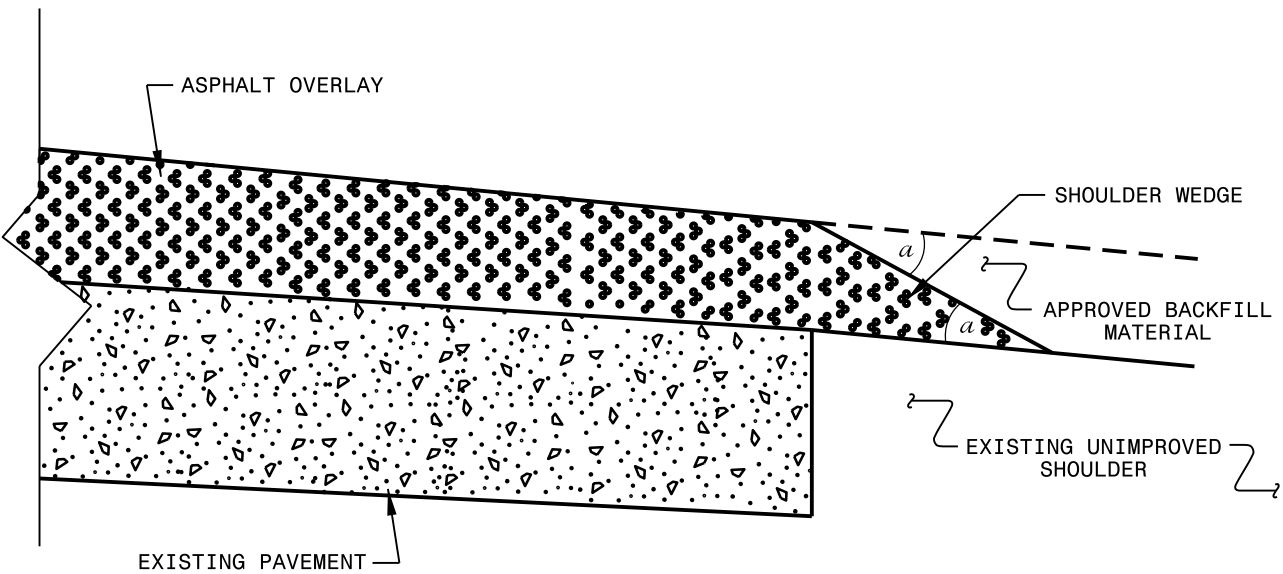
SHEET 1 OF 1
840D55

REVISIONS

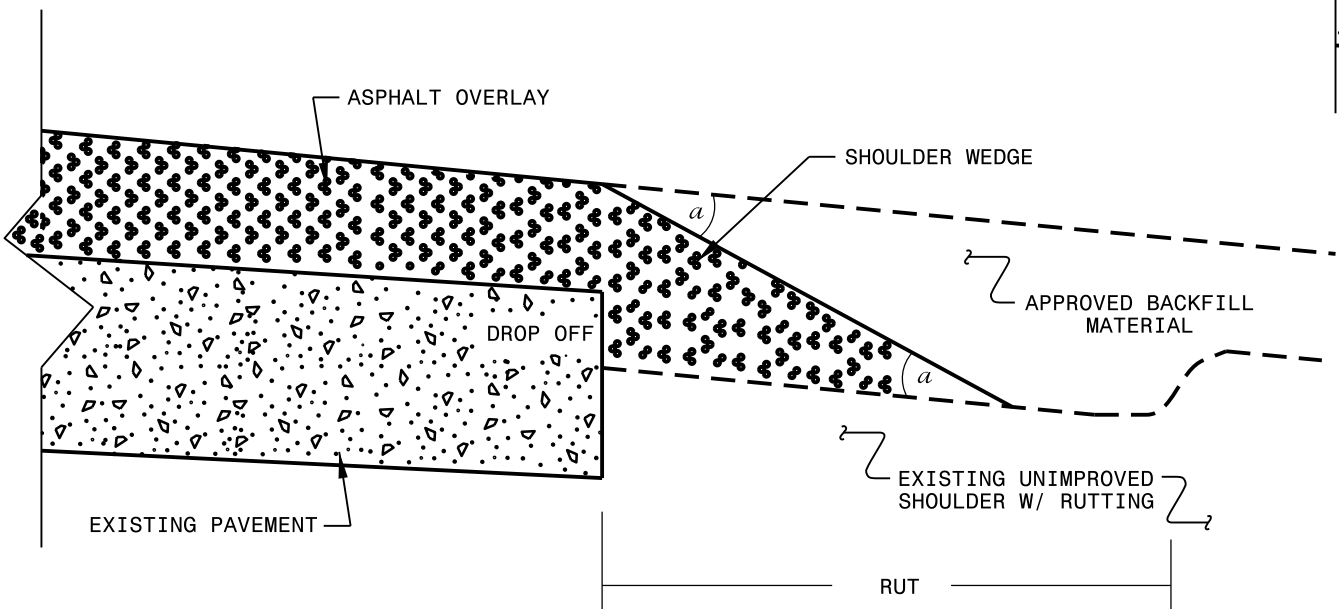
- NOTES:
- 1) DETAIL DOES NOT APPLY TO OGAFB AND ULTRA-THIN BONDED WEARING COURSE.
 - 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
 - 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS, SIDE STREETS, HIGH SHOULDERS, AND OTHER LOCATIONS NOT FEASIBLE TO CONSTRUCT AS APPROVED BY THE ENGINEER.



SHOULDER WEDGE DETAIL
(Resurfacing Projects w/ Widening or
with Existing Paved Shoulder having no dropoffs)



SHOULDER WEDGE DETAIL
(Resurfacing Projects w/ NO Widening)



SHOULDER WEDGE DETAIL
(Resurfacing Adjacent to
Rutted Shoulder)

- SHOULDER WEDGE ANGLE = 30°

CONTRACT STANDARDS AND DEVELOPMENT UNIT			
Office 919-707-6950		FAX 919-250-4119	
SHOULDER WEDGE DETAILS			
ORIGINAL BY:	T.SPELL	DATE:	7-19-11
MODIFIED BY:		DATE:	2/2/16
CHECKED BY:		DATE:	
FILE SPEC.:	s:\usr\details\stand\shoulderwedgedetail.dgn		

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

7-12

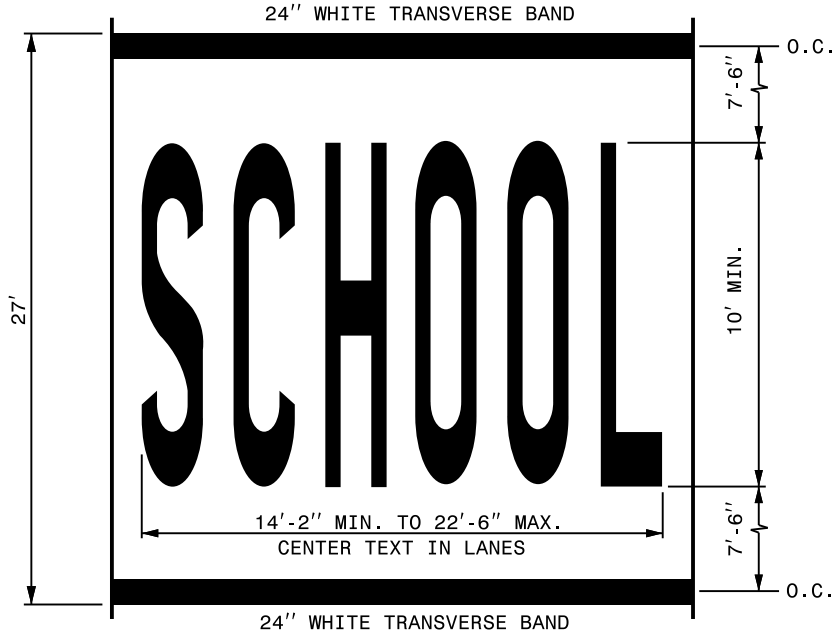
ENGLISH DETAIL DRAWING FOR PAVEMENT MARKINGS SYMBOLS AND WORD MESSAGES

REVISED
9/14/11

SHEET 3 OF 8

1205D08

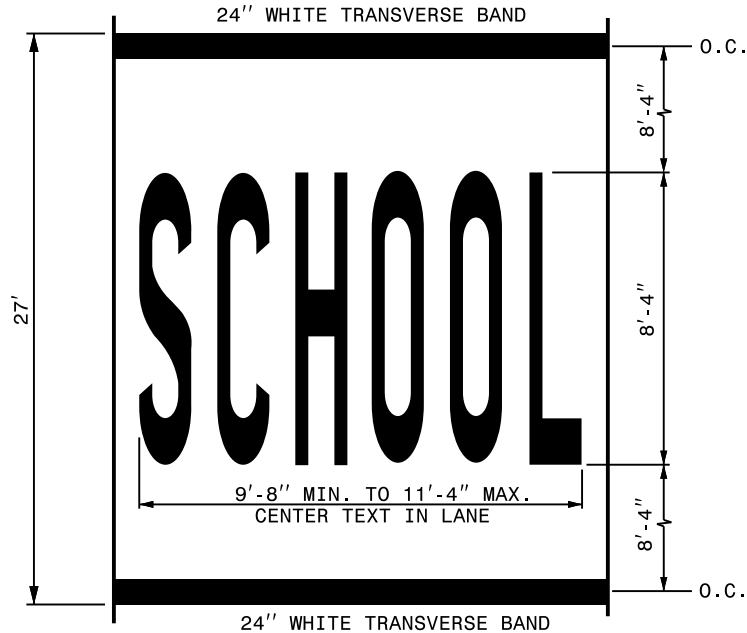
MULTI-LANE WIDTH "SCHOOL"



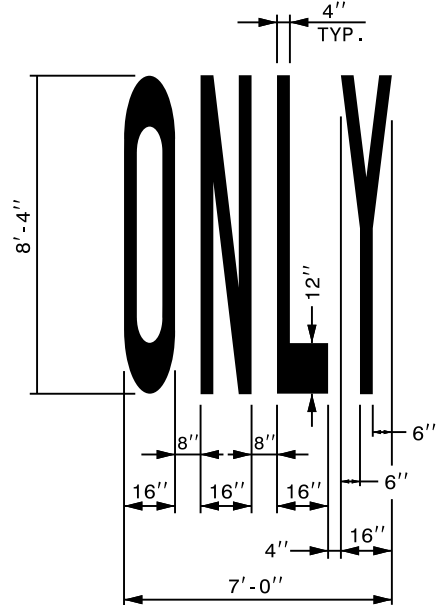
LETTER HEIGHT = 10' MIN.
LETTER WIDTH = 20"
SPACING = 10" MIN./30" MAX. (USE EQUAL SPACING BETWEEN LETTERS)

NOTE: THE TWO-LANE PAVEMENT MARKING DIMENSIONS OF "SCHOOL" SHOWN IN PART 7 OF THE MUTCD MAY ALSO BE USED.

SINGLE LANE WIDTH "SCHOOL"



LETTER HEIGHT = 8'-4"
LETTER WIDTH = 16"
SPACING = 4" MIN./8" MAX. (USE EQUAL SPACING BETWEEN LETTERS)



-12 STATE OF
NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

1-12

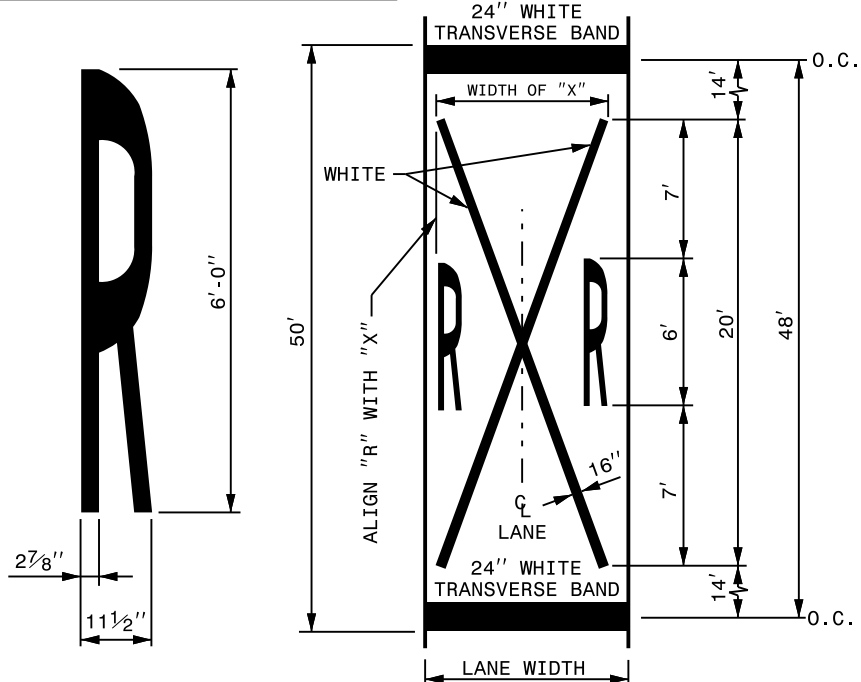
PAVEMENT MARKINGS

REVISED
9/14/11

SHEET 3 OF 8

1205D08

RAILROAD RXR SYMBOL



LANE WIDTH (FEET)	WIDTH OF "X" (FEET)
$8' \leq W \leq 9'$	7'
$9' < W \leq 12'$	8'
$W > 12'$	10'

GENERAL NOTES:

- 1- THE SCHOOL PAVEMENT MARKING CONSISTS OF SIX (6) CHARACTERS. THE TWO (2) 24" TRANSVERSE BANDS WILL BE PAID FOR UNDER A SEPARATE PAY ITEM. REFER TO ROADWAY STANDARD DRAWING 1205.10 FOR ADDITIONAL PAVEMENT MARKING GUIDANCE.
- 2- PAVEMENT MARKING ADVANCE OF A HIGHWAY-RAIL CROSSING SHALL CONSIST OF TWO (2) CHARACTERS AND TWO (2) 16" LINES (FORMING AN X) WHICH ARE PAID FOR UNDER TWO SEPARATE PAY ITEMS. THE TWO (2) 24" TRANSVERSE BANDS WILL BE PAID FOR UNDER A SEPARATE PAY ITEM. REFER TO ROADWAY STANDARD DRAWING 1205.11 FOR ADDITIONAL PAVEMENT MARKING GUIDANCE.

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

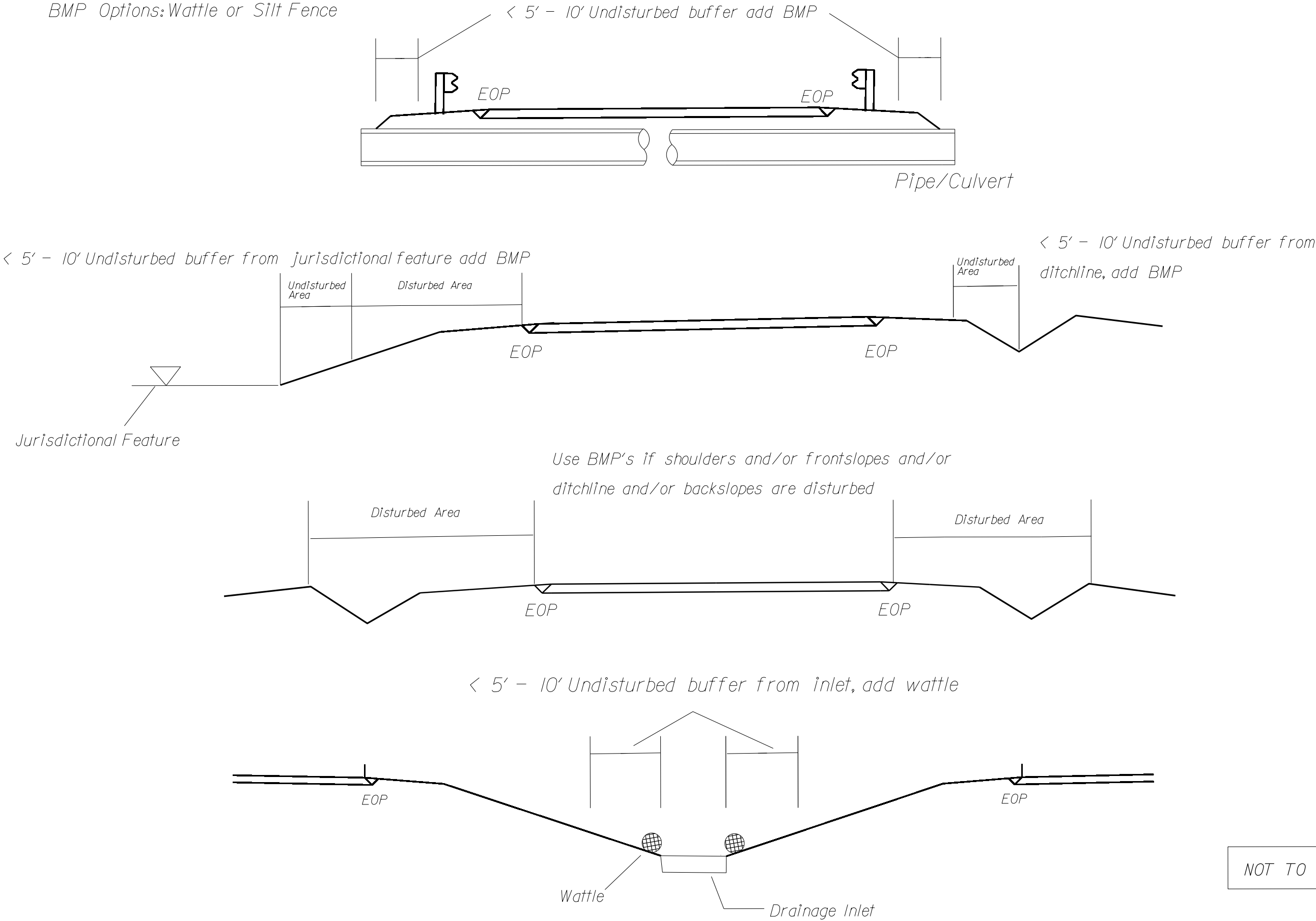
SEE TITLE BLOCK

ORIGINAL BY: J. HOWERTON DATE: 10/5/11
MODIFIED BY: _____ DATE: _____
CHECKED BY: _____ DATE: _____
FILE SPEC.: s:joel/12 Stds to Special Details/560d01

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

BMP Options: Wattle or Silt Fence

EROSION CONTROL DETAIL



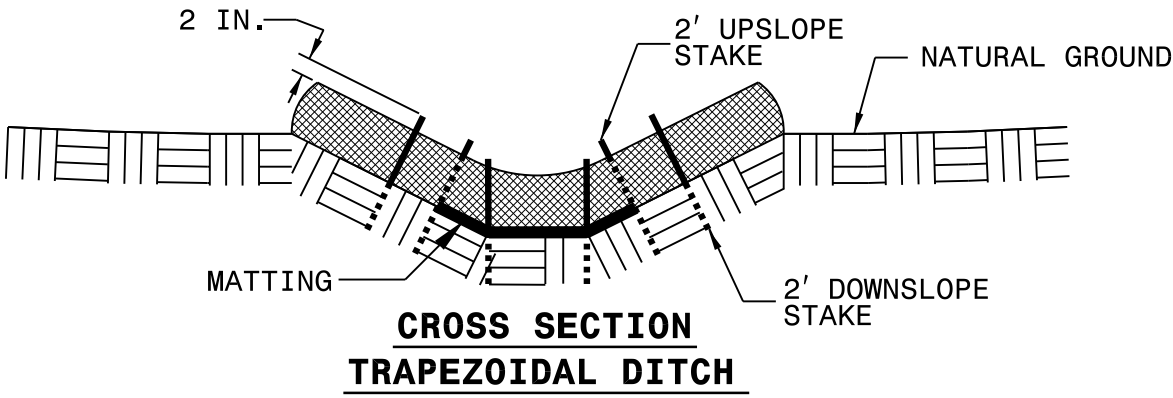
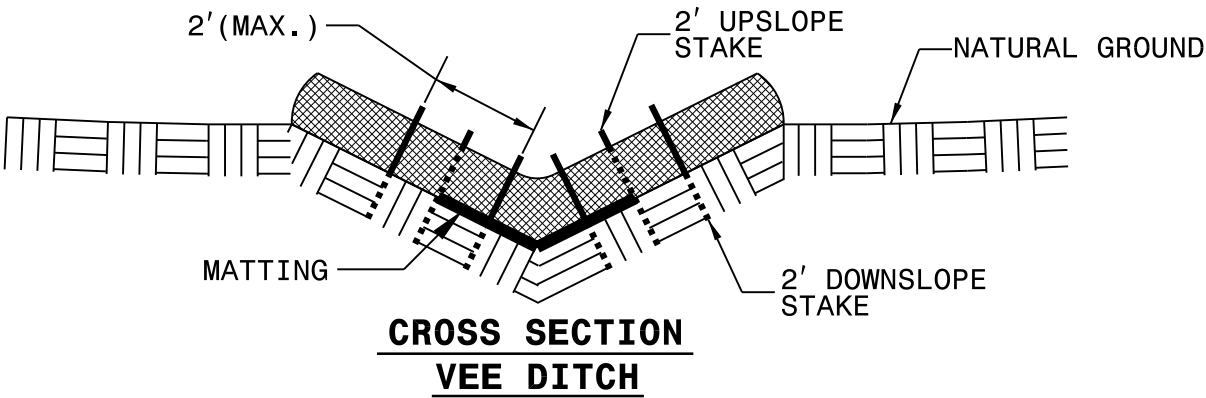
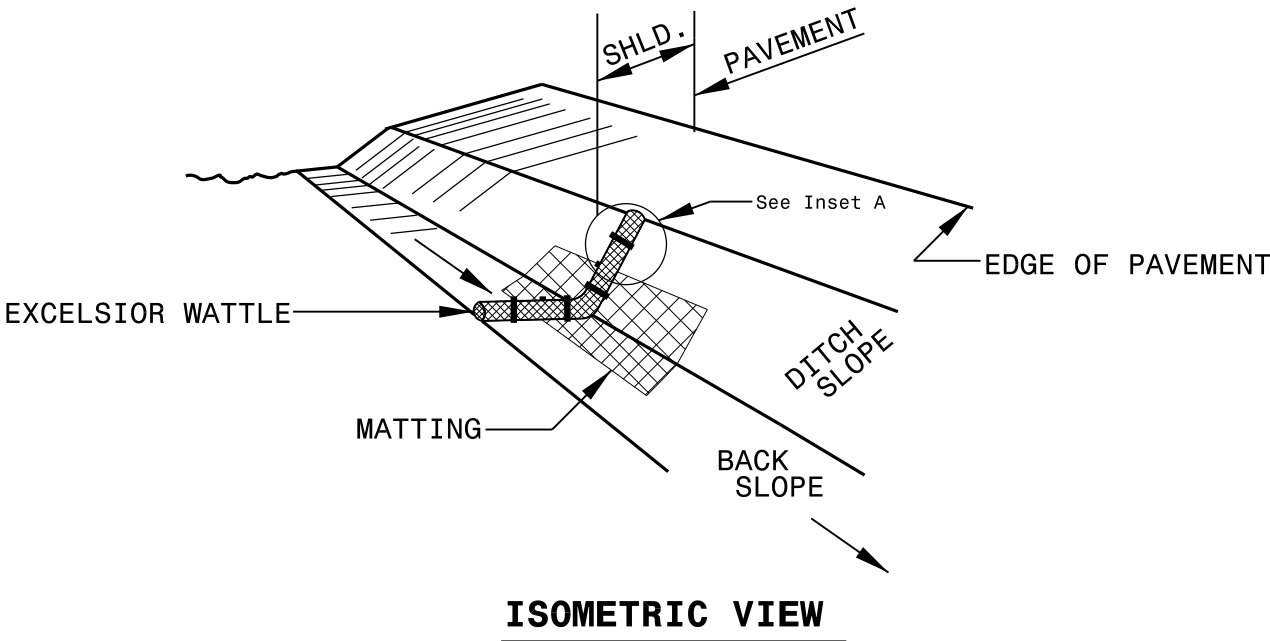
NOT TO SCALE

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.

WATTLE DETAIL



NOTES:

USE MINIMUM 12 IN. DIAMETER EXCELSIOR WATTLE.

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

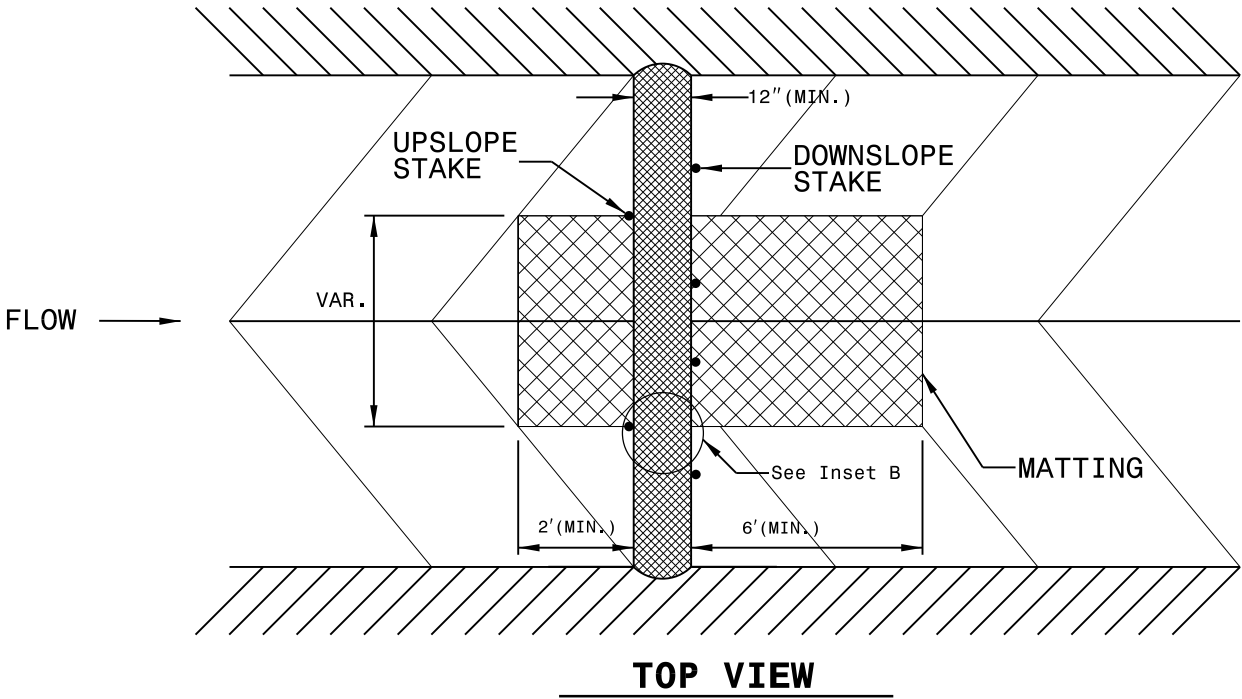
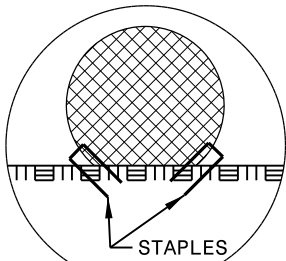
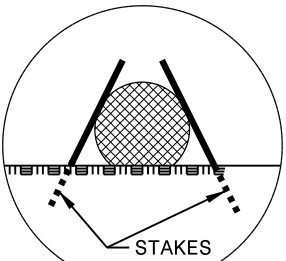
ONLY INSTALL WATTLE(S) TO A HEIGHT IN DITCH SO FLOW WILL NOT WASH AROUND WATTLE AND SCOUR DITCH SLOPES AND AS DIRECTED.

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.



PROJECT NO.	SHEET NO.
2016CPT.03.37.20651, Etc.	12

SUMMARY OF QUANTITIES

PROJECT	COUNTY	MAP	ROUTE	DESCRIPTION	TYP	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH	WIDTH	INC. STONE BASE	1 1/2" MILLING	MILLING ASPHALT PAVEMENT, 0" TO 1 1/4"	INC. MILLING	SURFACE COURSE, SF9.5A	LEVELING COURSE, SF9.5A	SURFACE COURSE, S4.75A	ASPHALT BINDER FOR PLANT MIX	PATCHING EXISTING PAVEMENT (MILL) GENERIC TON	LEVELING COURSE, S4.75A GENERIC	CONCRETE CURB RAMP	REMOVE & REPLACE CURB RAMP	ADJ. OF MANHOLES
NO		NO			NO					MI	FT	TONS	SY	SY	SY	TONS	TONS	TON	TON	TON	TON	EA	EA	EA
2016CPT.03.37.20651	NewHanover	1	SR 1310 (DIVISION DR.)	FROM NC 133 TO SR 1302 (MP 0.000 - MP 0.810)	1	2	2WU	NO	NO	0.81	22 - 32	19			500	2,063	250		153					
TOTAL FOR MAP NO. 1										0.81		19			500	2,063	250		153					
2016CPT.03.37.20651	NewHanover	2	SR 2270 (WOOD SORRELL RD.)	FROM SR 2048 TO SR 2286 (MP 0.000 - MP 0.703)	3	2	2WU	NO	NO	0.703	34		322	13,963		967			65	300		8	23.00	
TOTAL FOR MAP NO. 2										0.703			322	13,963		967			65	300		8	23.00	
2016CPT.03.37.20651	NewHanover	3	SR 2281 (SPICEWOOD ST.)	FROM SR 2270 TO SR 2286 (MP 0.000 - MP 0.259)	3	2	2WU	NO	NO	0.259	26			3,966		273			18	100		2	8.00	5
TOTAL FOR MAP NO. 3										0.259				3,966		273			18	100		2	8.00	5
2016CPT.03.37.20651	NewHanover	4	SR 2054 (DIAMOND DR.)	FROM SR 2053 TO SR 2154 (MP 0.000 - MP 0.218)	2	2	2WU	NO	NO	0.218	20	5				187			13					5
TOTAL FOR MAP NO. 4										0.218		5				187			13					5
TOTAL FOR PROJ NO. 2016CPT.03.37.20651										1.99		24	322	17,929	500	3,490	250		249	400		10	31.00	10
2016CPT.03.30.20652	NewHanover	5	SR 2219 (N. GREEN MEADOWS)	FROM SR 2286 TO SR 2270 (MP 0.524 - MP 0.680)	4	2	2WU	NO	NO	0.156	32							116	8	10				2
TOTAL FOR MAP NO. 5										0.156								116	8	10				2
2016CPT.03.30.20652	NewHanover	6	SR 2266 (TWIN LEAF RD.)	FROM SR 2018 FROM TO SR 2286 (MP 0.000 - MP 0.124)	4	2	2WU	NO	NO	0.124	24							69	5	30				
TOTAL FOR MAP NO. 6										0.124								69	5	30				
2016CPT.03.30.20652	NewHanover	7	SR 2267 (BRACKEN FERN RD.)	FROM SR 2266 TO CUL-DE-SAC (MP 0.000 - MP 0.238)	4	2	2WU	NO	NO	0.238	24 - 80							132	9	30				2
TOTAL FOR MAP NO. 7										0.238								132	9	30				2
2016CPT.03.30.20652	NewHanover	8	SR 2268 (BUTTERFLY CT.)	FROM SR 2267 TO CUL-DE-SAC (MP 0.000 - MP 0.066)	4	2	2WU	NO	NO	0.066	24 - 82							37	2	20				
TOTAL FOR MAP NO. 8										0.066								37	2	20				
2016CPT.03.30.20652	NewHanover	9	SR 2271 (RUSHWOOD CIR.)	FROM SR 2270 TO CUL-DE-SAC (MP 0.000 TO MP 0.050)	4	2	2WU	NO	NO	0.05	20 - 82							23	2					
TOTAL FOR MAP NO. 9										0.05								23	2					
2016CPT.03.30.20652	NewHanover	10	SR 2272 (SUNWOOD CIR.)	FROM SR 2270 TO SR 2270 (MP 0.000 - MP 0.156)	4	2	2WU	NO	NO	0.156	20							72	5	30				7
TOTAL FOR MAP NO. 10										0.156								72	5	30				7
2016CPT.03.30.20652	NewHanover	11	SR 2273 (CAINSLASH CT.)	FROM SR 2272 TO CUL-DE-SAC (MP 0.000 - MP 0.028)	4	2	2WU	NO	NO	0.028	20 - 81							13	1	5				1
TOTAL FOR MAP NO. 11										0.028								13	1	5				1
2016CPT.03.30.20652	NewHanover	12	SR 2274 (EMBERWOOD RD.)	FROM SR 2270 TO CUL-DE-SAC (MP 0.000 - MP 0.186)	4	2	2WU	NO	NO	0.186	20 - 80							86	6	10	5			7
TOTAL FOR MAP NO. 12										0.186								86	6	10	5			7
2016CPT.03.30.20652	NewHanover	13	SR 2275 (VINEWOOD CT.)	FROM SR 2274 TO CUL-DE-SAC (MP 0.000 - MP 0.111)	4	2	2WU	NO	NO	0.111	20 - 81							51	3	5				2
TOTAL FOR MAP NO. 13										0.111								51	3	5				2
2016CPT.03.30.20652	NewHanover	14	SR 2276 (PEARWOOD CT.)	FROM SR 2275 TO CUL-DE-SAC (MP 0.000 - MP 0.031)	4	2	2WU	NO	NO	0.031	20 - 82							14	1					1
TOTAL FOR MAP NO. 14										0.031								14	1					1
2016CPT.03.30.20652	NewHanover	15	SR 2277 (MINTWOOD CT.)	FROM SR 2270 TO CUL-DE-SAC (MP 0.000 - MP 0.032)	4	2	2WU	NO	NO	0.032	20 - 80							15	1	5				1
TOTAL FOR MAP NO. 15										0.032								15	1	5				1
2016CPT.03.30.20652	NewHanover	16	SR 2278 (WOOD SORRELL LOOP)	FROM SR 2270 TO SR 2270 (MP 0.000 - MP 0.038)	4	2	2WU	NO	NO	0.038	20 - 80							18	1					1
TOTAL FOR MAP NO. 16										0.038								18	1					1
2016CPT.03.30.20652	NewHanover	17	SR 2279 (RED BAY CT.)	FROM SR 2270 TO CUL-DE-SAC (MP 0.000 - MP 0.144)	4	2	2WU	NO	NO	0.144	20 - 80							67	5	5				1
TOTAL FOR MAP NO. 17										0.144								67	5	5				1
2016CPT.03.30.20652	NewHanover	18	SR 2280 (RED BAY LOOP RD.)	FROM SR 2279 TO SR 2279 (MP 0.000 - MP 0.032)	4	2	2WU	NO	NO	0.032	20 - 81							15	1	5				
TOTAL FOR MAP NO. 18										0.032								15	1	5				
2016CPT.03.30.20652	NewHanover	19	SR 2282 (LOW BUSH CT.)	FROM SR 2281TO CUL-DE-SAC (MP 0.000 - MP 0.099)	4	2	2WU	NO	NO	0.099	20 - 81							46	3	15				3
TOTAL FOR MAP NO. 19										0.099								46	3	15				3

PROJECT NO.	SHEET NO.
2016CPT.03.37.20651, Etc.	13

SUMMARY OF QUANTITIES

PROJECT	COUNTY	MAP	ROUTE	DESCRIPTION	TYP	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH	WIDTH	INC. STONE BASE	1 1/2" MILLING	MILLING ASPHALT PAVEMENT, 0" TO 1 1/4"	INC. MILLING	SURFACE COURSE, SF9.5A	LEVELING COURSE, SF9.5A	SURFACE COURSE, S4.75A	ASPHALT BINDER FOR PLANT MIX	PATCHING EXISTING PAVEMENT (MILL) GENERIC TON	LEVELING COURSE, S4.75A GENERIC TON	CONCRETE CURB RAMP EA	REMOVE & REPLACE CURB RAMP EA	ADJ. OF MANHOLES EA
NO		NO			NO					MI	FT	TONS	SY	SY	SY	TONS	TONS	TON	TON	TON	TON	EA	EA	EA
2016CPT.03.30.20652	New Hanover	20	SR 2283 (SPICEWOOD LOOP RD.)	FROM SR 2281 TO END OF MAINTENANCE (MP 0.000 TO MP 0.017)	4	2	2WU	NO	NO	0.017	20							8	1					1
TOTAL FOR MAP NO. 20										0.017								8	1					1
2016CPT.03.30.20652	New Hanover	21	SR 2284 (LUPINE CT.)	FROM SR 2281 TO CUL-DE-SAC (MP 0.000 - MP 0.058)	4	2	2WU	NO	NO	0.058	20 - 82							27	2					2
TOTAL FOR MAP NO. 21										0.058								27	2					2
2016CPT.03.30.20652	NewHanover	22	SR 2285 (GOLDEN ASTOR CT.)	FROM SR 2281 TO CUL-DE-SAC (MP 0.000 - MP 0.082)	4	2	2WU	NO	NO	0.082	20 - 82							38	3	10				2
TOTAL FOR MAP NO. 22										0.082								38	3	10				2
2016CPT.03.30.20652	New Hanover	23	SR 2286 (STRAWFIELD DR.)	FROM SR 2281 TO SR 2270 (MP 0.000 - MP 0.645)	4	2	2WU	NO	NO	0.645	24							359	24	50				2
TOTAL FOR MAP NO. 23										0.645								359	24	50				2
2016CPT.03.30.20652	NewHanover	24	SR 2287 (SWEETBAY CT.)	FROM SR 2286 TO CUL-DE-SAC (MP 0.000 - MP 0.086)	4	2	2WU	NO	NO	0.086	24 - 78							48	3	15				
TOTAL FOR MAP NO. 24										0.086								48	3	15				
2016CPT.03.30.20652	NewHanover	25	SR 2294 (SILVER GRASS CT.)	FROM SR 2270 TO CUL-DE-SAC (MP 0.000 TO MP 0.087)	4	2	2WU	NO	NO	0.087	20 - 82							40	3	20				2
TOTAL FOR MAP NO. 25										0.087								40	3	20				2
2016CPT.03.30.20652	NewHanover	26	SR 2295 (CHERRY LAUREL CT.)	FROM SR 2270 TO CUL-DE-SAC (MP 0.000 - MP 0.052)	4	2	2WU	NO	NO	0.052	20 - 81							24	2	15				
TOTAL FOR MAP NO. 26										0.052								24	2	15				
2016CPT.03.30.20652	NewHanover	27	SR 2297 (NETTLE CIRCLE)	FROM SR 2286 TO SR 2286 (MP 0.000 - MP 0.239)	4	2	2WU	NO	NO	0.239	24							133	9	10	5			1
TOTAL FOR MAP NO. 27										0.239								133	9	10	5			1
2016CPT.03.30.20652	NewHanover	28	SR 2298 (FERN CT.)	FROM SR 2297 TO CUL-DE-SAC (MP 0.000 - MP 0.059)	4	2	2WU	NO	NO	0.059	24 - 82							33	2	10				1
TOTAL FOR MAP NO. 28										0.059								33	2	10				1
2016CPT.03.30.20652	NewHanover	29	SR 2299 (BATSONWOOD CT.)	FROM SR 2270 TO CUL-DE-SAC (MP 0.000 - MP 0.027)	4	2	2WU	NO	NO	0.027	20 - 82							13	1					1
TOTAL FOR MAP NO. 29										0.027								13	1					1
2016CPT.03.30.20652	NewHanover	30	SR 2618 (HIGH BUSH CT.)	FROM SR 2286 TO CUL-DE-SAC (MP 0.000 - MP 0.043)	4	2	2WU	NO	NO	0.043	24 - 80							24	2	20				1
TOTAL FOR MAP NO. 30										0.043								24	2	20				1
2016CPT.03.30.20652	NewHanover	31	SR 2687 (LEGEND DR.)	FROM SR 2683 TO CUL-DE-SAC (MP 0.000 - MP 0.193)	4	2	2WU	NO	NO	0.193	24 - 69							107	7					1
TOTAL FOR MAP NO. 31										0.193								107	7					1
2016CPT.03.30.20652	NewHanover	32	SR 2688 (PROMENADE CT.)	FROM SR 2687 TO CUL-DE-SAC (MP 0.000 - MP 0.077)	4	2	2WU	NO	NO	0.077	20 - 69							36	2					
TOTAL FOR MAP NO. 32										0.077								36	2					
2016CPT.03.30.20652	NewHanover	33	SR 1327 (FARLEY RD.)	FROM SR 1175 TO SR 1175 (MP 0.258 - MP 0.960)	5	2	2WU	NO	NO	0.702	18							293	20					
TOTAL FOR MAP NO. 33										0.702								293	20					
2016CPT.03.30.20652	NewHanover	34	SR 2686 (JUSTUS CT.)	FROM SR 2683 TO CUL-DE-SAC (MP 0.000 - MP 0.038)	4	2	2WU	NO	NO	0.038	22							21	1					
TOTAL FOR MAP NO. 34										0.038								21	1					
2016CPT.03.30.20652	NewHanover	35	SR 2685 (DREWMAN CT.)	FROM SR 2683 TO CUL-DE-SAC (MP 0.000 - MP 0.033)	4	2	2WU	NO	NO	0.033	22							19	1					
TOTAL FOR MAP NO. 35										0.033								19	1					
TOTAL FOR PROJ NO. 2016CPT.03.30.20652										3.929								1,997	136	320	10			42
GRAND TOTAL										5.919		24	322	17,929	500	3,490	250	1,997	385	720	10	10	31.00	52

PROJECT NO.	SHEET NO.
2016CPT.03.37.20651, Etc.	14

SUMMARY OF QUANTITIES

PROJECT	COUNTY	MAP	ROUTE	DESCRIPTION	TYP	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	ADJ. OF METER OR VALVE BOXES	ADJ. OF MONUMENT BOXES (GENERIC)	ADD GR POSTS	GR ANCHOR UNITS, TYPE 350	REMOVE & RESET EXISTING GR	TEMP. SILT FENCE	WATTLE	SEED & MULCHING	RESPONSE FOR EROSION CONTROL
NO		NO			NO				EA	EA	EA	EA	LF	LF	LF	AC	EA
2016CPT.03.37.20651	NewHanover	1	SR 1310 (DIVISION DR.)	FROM NC 133 TO SR 1302 (MP 0.000 - MP 0.810)	1	2	2WU	NO			2.00	2	25.00	105	40	0.10	5
TOTAL FOR MAP NO. 1											2.00	2	25.00	105	40	0.10	5
2016CPT.03.37.20651	NewHanover	2	SR 2270 (WOOD SORRELL RD.)	FROM SR 2048 TO SR 2286 (MP 0.000 - MP 0.703)	3	2	2WU	NO	2	22							
TOTAL FOR MAP NO. 2									2	22							
2016CPT.03.37.20651	NewHanover	3	SR 2281 (SPICEWOOD ST.)	FROM SR 2270 TO SR 2286 (MP 0.000 - MP 0.259)	3	2	2WU	NO		4							
TOTAL FOR MAP NO. 3										4							
2016CPT.03.37.20651	NewHanover	4	SR 2054 (DIAMOND DR.)	FROM SR 2053 TO SR 2154 (MP 0.000 - MP 0.218)	2	2	2WU	NO	1	2							
TOTAL FOR MAP NO. 4									1	2							
TOTAL FOR PROJ NO. 2016CPT.03.37.20651									3	28	2.00	2	25.00	105	40	0.10	5
2016CPT.03.30.20652	NewHanover	5	SR 2219 (N. GREEN MEADOWS)	FROM SR 2286 TO SR 2270 (MP 0.524 - MP 0.680)	4	2	2WU	NO		4							
TOTAL FOR MAP NO. 5										4							
2016CPT.03.30.20652	NewHanover	6	SR 2266 (TWIN LEAF RD.)	FROM SR 2018 FROM TO SR 2286 (MP 0.000 - MP 0.124)	4	2	2WU	NO	1	1							
TOTAL FOR MAP NO. 6									1	1							
2016CPT.03.30.20652	NewHanover	7	SR 2267 (BRACKEN FERN RD.)	FROM SR 2266 TO CUL-DE-SAC (MP 0.000 - MP 0.238)	4	2	2WU	NO		3							
TOTAL FOR MAP NO. 7										3							
2016CPT.03.30.20652	NewHanover	8	SR 2268 (BUTTERFLY CT.)	FROM SR 2267 TO CUL-DE-SAC (MP 0.000 - MP 0.066)	4	2	2WU	NO		2							
TOTAL FOR MAP NO. 8										2							
2016CPT.03.30.20652	NewHanover	9	SR 2271 (RUSHWOOD CIR.)	FROM SR 2270 TO CUL-DE-SAC (MP 0.000 TO MP 0.050)	4	2	2WU	NO									
TOTAL FOR MAP NO. 9																	
2016CPT.03.30.20652	NewHanover	10	SR 2272 (SUNWOOD CIR.)	FROM SR 2270 TO SR 2270 (MP 0.000 - MP 0.156)	4	2	2WU	NO		4							
TOTAL FOR MAP NO. 10										4							
2016CPT.03.30.20652	NewHanover	11	SR 2273 (CAINSLASH CT.)	FROM SR 2272 TO CUL-DE-SAC (MP 0.000 - MP 0.028)	4	2	2WU	NO									
TOTAL FOR MAP NO. 11																	
2016CPT.03.30.20652	NewHanover	12	SR 2274 (EMBERWOOD RD.)	FROM SR 2270 TO CUL-DE-SAC (MP 0.000 - MP 0.186)	4	2	2WU	NO		4							
TOTAL FOR MAP NO. 12										4							
2016CPT.03.30.20652	NewHanover	13	SR 2275 (VINEWOOD CT.)	FROM SR 2274 TO CUL-DE-SAC (MP 0.000 - MP 0.111)	4	2	2WU	NO		1							
TOTAL FOR MAP NO. 13										1							
2016CPT.03.30.20652	NewHanover	14	SR 2276 (PEARWOOD CT.)	FROM SR 2275 TO CUL-DE-SAC (MP 0.000 - MP 0.031)	4	2	2WU	NO									
TOTAL FOR MAP NO. 14																	
2016CPT.03.30.20652	NewHanover	15	SR 2277 (MINTWOOD CT.)	FROM SR 2270 TO CUL-DE-SAC (MP 0.000 - MP 0.032)	4	2	2WU	NO									
TOTAL FOR MAP NO. 15																	
2016CPT.03.30.20652	NewHanover	16	SR 2278 (WOOD SORRELL LOOP)	FROM SR 2270 TO SR 2270 (MP 0.000 - MP 0.038)	4	2	2WU	NO									
TOTAL FOR MAP NO. 16																	
2016CPT.03.30.20652	NewHanover	17	SR 2279 (RED BAY CT.)	FROM SR 2270 TO CUL-DE-SAC (MP 0.000 - MP 0.144)	4	2	2WU	NO		2							
TOTAL FOR MAP NO. 17										2							
2016CPT.03.30.20652	NewHanover	18	SR 2280 (RED BAY LOOP RD.)	FROM SR 2279 TO SR 2279 (MP 0.000 - MP 0.032)	4	2	2WU	NO									
TOTAL FOR MAP NO. 18																	
2016CPT.03.30.20652	NewHanover	19	SR 2282 (LOW BUSH CT.)	FROM SR 2281TO CUL-DE-SAC (MP 0.000 - MP 0.099)	4	2	2WU	NO		3							
TOTAL FOR MAP NO. 19										3							

PROJECT NO.	SHEET NO.
2016CPT.03.37.20651, Etc.	15

SUMMARY OF QUANTITIES

PROJECT	COUNTY	MAP	ROUTE	DESCRIPTION	TYP	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	ADJ. OF METER OR VALVE BOXES	ADJ. OF MONUMENT BOXES (GENERIC)	ADD GR POSTS	GR ANCHOR UNITS, TYPE 350	REMOVE & RESET EXISTING GR	TEMP. SILT FENCE	WATTLE	SEED & MULCHING	RESPONSE FOR EROSION CONTROL
NO		NO			NO				EA	EA	EA	EA	LF	LF	LF	AC	EA
2016CPT.03.30.20652	New Hanover	20	SR 2283 (SPICEWOOD LOOP RD.)	FROM SR 2281 TO END OF MAINTENANCE (MP 0.000 TO MP 0.017)	4	2	2WU	NO									
TOTAL FOR MAP NO. 20																	
2016CPT.03.30.20652	New Hanover	21	SR 2284 (LUPINE CT.)	FROM SR 2281 TO CUL-DE-SAC (MP 0.000 - MP 0.058)	4	2	2WU	NO		1							
TOTAL FOR MAP NO. 21										1							
2016CPT.03.30.20652	NewHanover	22	SR 2285 (GOLDEN ASTOR CT.)	FROM SR 2281 TO CUL-DE-SAC (MP 0.000 - MP 0.082)	4	2	2WU	NO		1							
TOTAL FOR MAP NO. 22										1							
2016CPT.03.30.20652	New Hanover	23	SR 2286 (STRAWFIELD DR.)	FROM SR 2281 TO SR 2270 (MP 0.000 - MP 0.645)	4	2	2WU	NO		21							
TOTAL FOR MAP NO. 23										21							
2016CPT.03.30.20652	NewHanover	24	SR 2287 (SWEETBAY CT.)	FROM SR 2286 TO CUL-DE-SAC (MP 0.000 - MP 0.086)	4	2	2WU	NO		4							
TOTAL FOR MAP NO. 24										4							
2016CPT.03.30.20652	NewHanover	25	SR 2294 (SILVER GRASS CT.)	FROM SR 2270 TO CUL-DE-SAC (MP 0.000 TO MP 0.087)	4	2	2WU	NO	1								
TOTAL FOR MAP NO. 25									1								
2016CPT.03.30.20652	NewHanover	26	SR 2295 (CHERRY LAUREL CT.)	FROM SR 2270 TO CUL-DE-SAC (MP 0.000 - MP 0.052)	4	2	2WU	NO		1							
TOTAL FOR MAP NO. 26										1							
2016CPT.03.30.20652	NewHanover	27	SR 2297 (NETTLE CIRCLE)	FROM SR 2286 TO SR 2286 (MP 0.000 - MP 0.239)	4	2	2WU	NO		5							
TOTAL FOR MAP NO. 27										5							
2016CPT.03.30.20652	NewHanover	28	SR 2298 (FERN CT.)	FROM SR 2297 TO CUL-DE-SAC (MP 0.000 - MP 0.059)	4	2	2WU	NO		1							
TOTAL FOR MAP NO. 28										1							
2016CPT.03.30.20652	NewHanover	29	SR 2299 (BATSONWOOD CT.)	FROM SR 2270 TO CUL-DE-SAC (MP 0.000 - MP 0.027)	4	2	2WU	NO									
TOTAL FOR MAP NO. 29																	
2016CPT.03.30.20652	NewHanover	30	SR 2618 (HIGH BUSH CT.)	FROM SR 2286 TO CUL-DE-SAC (MP 0.000 - MP 0.043)	4	2	2WU	NO		1							
TOTAL FOR MAP NO. 30										1							
2016CPT.03.30.20652	NewHanover	31	SR 2687 (LEGEND DR.)	FROM SR 2683 TO CUL-DE-SAC (MP 0.000 - MP 0.193)	4	2	2WU	NO		2							
TOTAL FOR MAP NO. 31										2							
2016CPT.03.30.20652	NewHanover	32	SR 2688 (PROMENADE CT.)	FROM SR 2687 TO CUL-DE-SAC (MP 0.000 - MP 0.077)	4	2	2WU	NO		1							
TOTAL FOR MAP NO. 32										1							
2016CPT.03.30.20652	NewHanover	33	SR 1327 (FARLEY RD.)	FROM SR 1175 TO SR 1175 (MP 0.258 - MP 0.960)	5	2	2WU	NO									
TOTAL FOR MAP NO. 33																	
2016CPT.03.30.20652	NewHanover	34	SR 2686 (JUSTUS CT.)	FROM SR 2683 TO CUL-DE-SAC (MP 0.000 - MP 0.038)	4	2	2WU	NO		1							
TOTAL FOR MAP NO. 34										1							
2016CPT.03.30.20652	NewHanover	35	SR 2685 (DREWMAN CT.)	FROM SR 2683 TO CUL-DE-SAC (MP 0.000 - MP 0.033)	4	2	2WU	NO		1							
TOTAL FOR MAP NO. 35										1							
TOTAL FOR PROJ NO. 2016CPT.03.30.20652									2	64							
GRAND TOTAL									5	92	2.00	2	25.00	105	40	0.10	5

PROJECT NO.	SHEET NO.
2016CPT.03.37.20651, Etc.	16

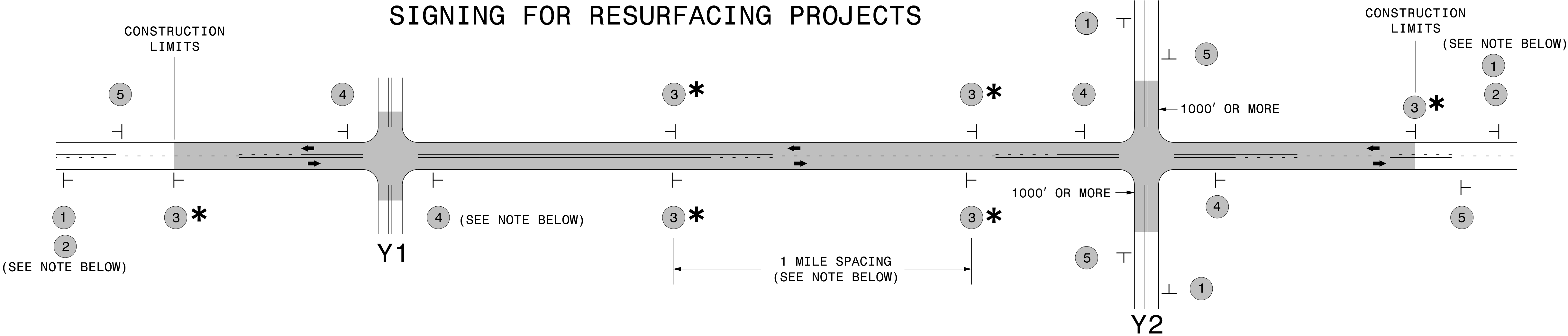
THERMOPLASTIC AND PAINT QUANTITIES

PROJECT	COUNTY	MAP	ROUTE	DESCRIPTION	TYP	LANES	LANE TYPE	LENGTH	WIDTH	4413000000-E	4457000000-N	4685000000-E	4686000000-E			4697000000-E		4705000000-E	4710000000-E	4721000000-E	4900000000-N
										WORK ZONE ADVANCE/GENERAL WARNING SIGNING	TEMPORARY TRAFFIC CONTROL	4" X 90 M WHITE THERMO	4" X 120 M YELLOW THERMO	4" X 120 M WHITE THERMO	8" X 120 M WHITE THERMO	8" X 120 M YELLOW THERMO	16" X 120 M WHITE THERMO	24" X 120 M WHITE THERMO	THERMO RXR 120 M	YELLOW & YELLOW MARKERS	
NO		NO			NO					SF	LS	LF	LF	LF	LF	LF	LF	LF	EA	EA	
2016CPT.03.37.20651	NewHanover	1	SR 1310 (DIVISION DR.)	FROM NC 133 TO SR 1302 (MP 0.000 - MP 0.810)	1	2	2WU	0.81	22 - 32	64	0.13	8,716	9,676	65	120	100	100	95	4	66	
TOTAL FOR MAP NO. 1								0.81		64	0.13	8,716	9,676	65	120	100	100	95	4	66	
2016CPT.03.37.20651	NewHanover	2	SR 2270 (WOOD SORRELL RD.)	FROM SR 2048 TO SR 2286 (MP 0.000 - MP 0.703)	3	2	2WU	0.703	34	64	0.12										
TOTAL FOR MAP NO. 2								0.703		64	0.12										
2016CPT.03.37.20651	NewHanover	3	SR 2281 (SPICEWOOD ST.)	FROM SR 2270 TO SR 2286 (MP 0.000 - MP 0.259)	3	2	2WU	0.259	26	32	0.04										
TOTAL FOR MAP NO. 3								0.259		32	0.04										
2016CPT.03.37.20651	NewHanover	4	SR 2054 (DIAMOND DR.)	FROM SR 2053 TO SR 2154 (MP 0.000 - MP 0.218)	2	2	2WU	0.218	20	64	0.03										
TOTAL FOR MAP NO. 4								0.218		64	0.03										
TOTAL FOR PROJ NO. 2016CPT.03.37.20651								1.99		224	0.32	8,716	9,676	65	120	100	100	95	4	66	
													9,741		220						
2016CPT.03.30.20652	NewHanover	5	SR 2219 (N. GREEN MEADOWS)	FROM SR 2286 TO SR 2270 (MP 0.524 - MP 0.680)	4	2	2WU	0.156	32		0.02										
TOTAL FOR MAP NO. 5								0.156			0.02										
2016CPT.03.30.20652	NewHanover	6	SR 2266 (TWIN LEAF RD.)	FROM SR 2018 FROM TO SR 2286 (MP 0.000 - MP 0.124)	4	2	2WU	0.124	24	32	0.02										
TOTAL FOR MAP NO. 6								0.124		32	0.02										
2016CPT.03.30.20652	NewHanover	7	SR 2267 (BRACKEN FERN RD.)	FROM SR 2266 TO CUL-DE-SAC (MP 0.000 - MP 0.238)	4	2	2WU	0.238	24 - 80		0.04										
TOTAL FOR MAP NO. 7								0.238			0.04										
2016CPT.03.30.20652	NewHanover	8	SR 2268 (BUTTERFLY CT.)	FROM SR 2267 TO CUL-DE-SAC (MP 0.000 - MP 0.066)	4	2	2WU	0.066	24 - 82		0.01										
TOTAL FOR MAP NO. 8								0.066			0.01										
2016CPT.03.30.20652	NewHanover	9	SR 2271 (RUSHWOOD CIR.)	FROM SR 2270 TO CUL-DE-SAC (MP 0.000 TO MP 0.050)	4	3	2WU	0.05	20 - 82		0.01										
TOTAL FOR MAP NO. 9								0.05			0.01										
2016CPT.03.30.20652	NewHanover	10	SR 2272 (SUNWOOD CIR.)	FROM SR 2270 TO SR 2270 (MP 0.000 - MP 0.156)	4	2	2WU	0.156	20		0.02										
TOTAL FOR MAP NO. 10								0.156			0.02										
2016CPT.03.30.20652	NewHanover	11	SR 2273 (CAINSLASH CT.)	FROM SR 2272 TO CUL-DE-SAC (MP 0.000 - MP 0.028)	4	2	2WU	0.028	20 - 81		0.01										
TOTAL FOR MAP NO. 11								0.028			0.01										
2016CPT.03.30.20652	NewHanover	12	SR 2274 (EMBERWOOD RD.)	FROM SR 2270 TO CUL-DE-SAC (MP 0.000 - MP 0.186)	4	2	2WU	0.186	20 - 80		0.03										
TOTAL FOR MAP NO. 12								0.186			0.03										
2016CPT.03.30.20652	NewHanover	13	SR 2275 (VINEWOOD CT.)	FROM SR 2274 TO CUL-DE-SAC (MP 0.000 - MP 0.111)	4	2	2WU	0.111	20 - 81		0.02										
TOTAL FOR MAP NO. 13								0.111			0.02										
2016CPT.03.30.20652	NewHanover	14	SR 2276 (PEARWOOD CT.)	FROM SR 2275 TO CUL-DE-SAC (MP 0.000 - MP 0.031)	4	2	2WU	0.031	20 - 82		0.01										
TOTAL FOR MAP NO. 14								0.031			0.01										
2016CPT.03.30.20652	NewHanover	15	SR 2277 (MINTWOOD CT.)	FROM SR 2270 TO CUL-DE-SAC (MP 0.000 - MP 0.032)	4	2	2WU	0.032	20 - 80		0.01										
TOTAL FOR MAP NO. 15								0.032			0.01										
2016CPT.03.30.20652	NewHanover	16	SR 2278 (WOOD SORRELL LOOP)	FROM SR 2270 TO SR 2270 (MP 0.000 - MP 0.038)	4	2	2WU	0.038	20 - 80		0.01										
TOTAL FOR MAP NO. 16								0.038			0.01										
2016CPT.03.30.20652	NewHanover	17	SR 2279 (RED BAY CT.)	FROM SR 2270 TO CUL-DE-SAC (MP 0.000 - MP 0.144)	4	2	2WU	0.144	20 - 80		0.02										
TOTAL FOR MAP NO. 17								0.144			0.02										
2016CPT.03.30.20652	NewHanover	18	SR 2280 (RED BAY LOOP RD.)	FROM SR 2279 TO SR 2279 (MP 0.000 - MP 0.032)	4	2	2WU	0.032	20 - 81		0.01										
TOTAL FOR MAP NO. 18								0.032			0.01										
2016CPT.03.30.20652	NewHanover	19	SR 2282 (LOW BUSH CT.)	FROM SR 2281TO CUL-DE-SAC (MP 0.000 - MP 0.099)	4	2	2WU	0.099	20 - 81		0.02										
TOTAL FOR MAP NO. 19								0.099			0.02										

PROJECT NO.	SHEET NO.
2016CPT.03.37.20651, Etc.	17

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	4413000000-E	4457000000-N	4685000000-E	4686000000-E		4697000000-E		4705000000-E	4710000000-E	4721000000-E	4900000000-N
										WORK ZONE ADVANCE/GENERAL WARNING SIGNING SF	TEMPORARY TRAFFIC CONTROL LS	4" X 90 M WHITE THERMO LF	4" X 120 M YELLOW THERMO LF	4" X 120 M WHITE THERMO LF	8" X 120 M WHITE THERMO LF	8" X 120 M YELLOW THERMO LF	16" X 120 M WHITE THERMO LF	24" X 120 M WHITE THERMO LF	THERMO RXR 120 M EA	YELLOW & YELLOW MARKERS EA
2016CPT.03.30.20652	New Hanover	20	SR 2283 (SPICEWOOD LOOP RD.)	FROM SR 2281 TO END OF MAINTENANCE (MP 0.000 TO MP 0.017)	4	2	2WU	0.017	20		0.01									
TOTAL FOR MAP NO. 20								0.017			0.01									
2016CPT.03.30.20652	New Hanover	21	SR 2284 (LUPINE CT.)	FROM SR 2281 TO CUL-DE-SAC (MP 0.000 - MP 0.058)	4	2	2WU	0.058	20 - 82		0.01									
TOTAL FOR MAP NO. 21								0.058			0.01									
2016CPT.03.30.20652	NewHanover	22	SR 2285 (GOLDEN ASTOR CT.)	FROM SR 2281 TO CUL-DE-SAC (MP 0.000 - MP 0.082)	4	2	2WU	0.082	20 - 82		0.01									
TOTAL FOR MAP NO. 22								0.082			0.01									
2016CPT.03.30.20652	New Hanover	23	SR 2286 (STRAWFIELD DR.)	FROM SR 2281 TO SR 2270 (MP 0.000 - MP 0.645)	4	2	2WU	0.645	24		0.11									
TOTAL FOR MAP NO. 23								0.645			0.11									
2016CPT.03.30.20652	NewHanover	24	SR 2287 (SWEETBAY CT.)	FROM SR 2286 TO CUL-DE-SAC (MP 0.000 - MP 0.086)	4	2	2WU	0.086	24 - 78		0.01									
TOTAL FOR MAP NO. 24								0.086			0.01									
2016CPT.03.30.20652	NewHanover	25	SR 2294 (SILVER GRASS CT.)	FROM SR 2270 TO CUL-DE-SAC (MP 0.000 TO MP 0.087)	4	2	2WU	0.087	20 - 82		0.01									
TOTAL FOR MAP NO. 25								0.087			0.01									
2016CPT.03.30.20652	NewHanover	26	SR 2295 (CHERRY LAUREL CT.)	FROM SR 2270 TO CUL-DE-SAC (MP 0.000 - MP 0.052)	4	2	2WU	0.052	20 - 81		0.01									
TOTAL FOR MAP NO. 26								0.052			0.01									
2016CPT.03.30.20652	NewHanover	27	SR 2297 (NETTLE CIRCLE)	FROM SR 2286 TO SR 2286 (MP 0.000 - MP 0.239)	4	2	2WU	0.239	24		0.04									
TOTAL FOR MAP NO. 27								0.239			0.04									
2016CPT.03.30.20652	NewHanover	28	SR 2298 (FERN CT.)	FROM SR 2297 TO CUL-DE-SAC (MP 0.000 - MP 0.059)	4	2	2WU	0.059	24 - 82		0.01									
TOTAL FOR MAP NO. 28								0.059			0.01									
2016CPT.03.30.20652	NewHanover	29	SR 2299 (BATSONWOOD CT.)	FROM SR 2270 TO CUL-DE-SAC (MP 0.000 - MP 0.027)	4	2	2WU	0.027	20 - 82		0.01									
TOTAL FOR MAP NO. 29								0.027			0.01									
2016CPT.03.30.20652	NewHanover	30	SR 2618 (HIGH BUSH CT.)	FROM SR 2286 TO CUL-DE-SAC (MP 0.000 - MP 0.043)	4	2	2WU	0.043	24 - 80		0.01									
TOTAL FOR MAP NO. 30								0.043			0.01									
2016CPT.03.30.20652	NewHanover	31	SR 2687 (LEGEND DR.)	FROM SR 2683 TO CUL-DE-SAC (MP 0.000 - MP 0.193)	4	2	2WU	0.193	24 - 69	32	0.03									
TOTAL FOR MAP NO. 31								0.193		32	0.03									
2016CPT.03.30.20652	NewHanover	32	SR 2688 (PROMENADE CT.)	FROM SR 2687 TO CUL-DE-SAC (MP 0.000 - MP 0.077)	4	2	2WU	0.077	20 - 69		0.01									
TOTAL FOR MAP NO. 32								0.077			0.01									
2016CPT.03.30.20652	NewHanover	33	SR 1327 (FARLEY RD.)	FROM SR 1175 TO SR 1175 (MP 0.258 - MP 0.960)	5	2	2WU	0.702	18	64	0.12	7,414	5,560							48
TOTAL FOR MAP NO. 33								0.702		64	0.12	7,414	5,560							48
2016CPT.03.30.20652	NewHanover	34	SR 2686 (JUSTUS CT.)	FROM SR 2683 TO CUL-DE-SAC (MP 0.000 - MP 0.038)	4	2	2WU	0.038	22	32	0.01									
TOTAL FOR MAP NO. 34								0.038		32	0.01									
2016CPT.03.30.20652	NewHanover	35	SR 2685 (DREWMAN CT.)	FROM SR 2683 TO CUL-DE-SAC (MP 0.000 - MP 0.033)	4	2	2WU	0.033	22	32	0.01									
TOTAL FOR MAP NO. 35								0.033		32	0.01									
TOTAL FOR PROJ NO. 2016CPT.03.30.20652								3.929		192	0.68	7,414	5,560							48
													5,560							
GRAND TOTAL								5.919		416	1	16,130	15,236	65	120	100	100	95	4	114
													15,301		220					



LEGEND

—|—

STATIONARY SIGN

→

DIRECTION OF TRAFFIC FLOW

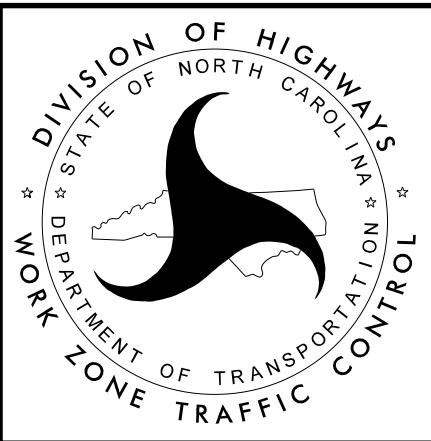
MAINLINE (-L-) SIGNING

-Y- LINE 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.	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" ROAD WORK AHEAD W20-7 A 48" X 48" PLACED 500' IN ADVANCE OF FLAGGER. PLACED 250' IN ADVANCE OF FLAGGER.
	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 1/2 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.	

* SIGNING FOR ASPHALT SURFACE TREATMENTS (ONLY)

SUBSTITUTE LOW/SOFT SHOULDER SIGNS BY ALTERNATING THE FOLLOWING TWO SIGNS:
STARTING WITH "UNMARKED PAVEMENT AHEAD" (SP 06026) FOLLOWED BY "LOOSE GRAVEL" (W8-7).



RESURFACING
ADVANCE WARNING SIGNS
FOR
RURAL AND SUBURBAN
2 LANE ROADWAYS