

PAMLICO COUNTY
DB00613

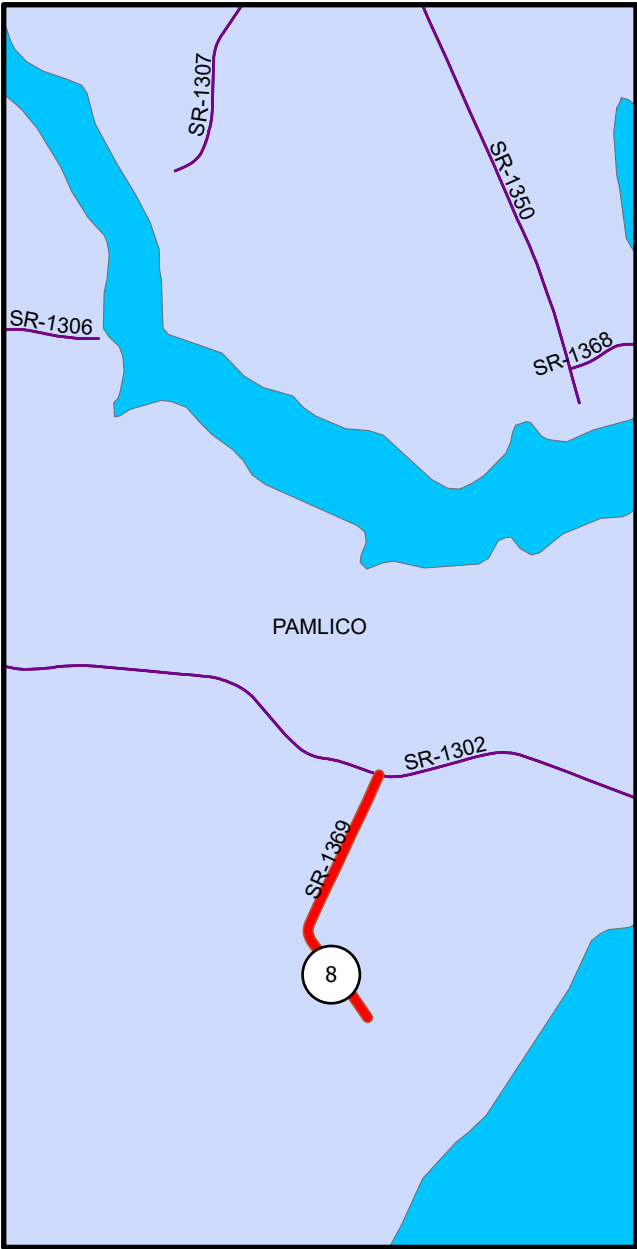
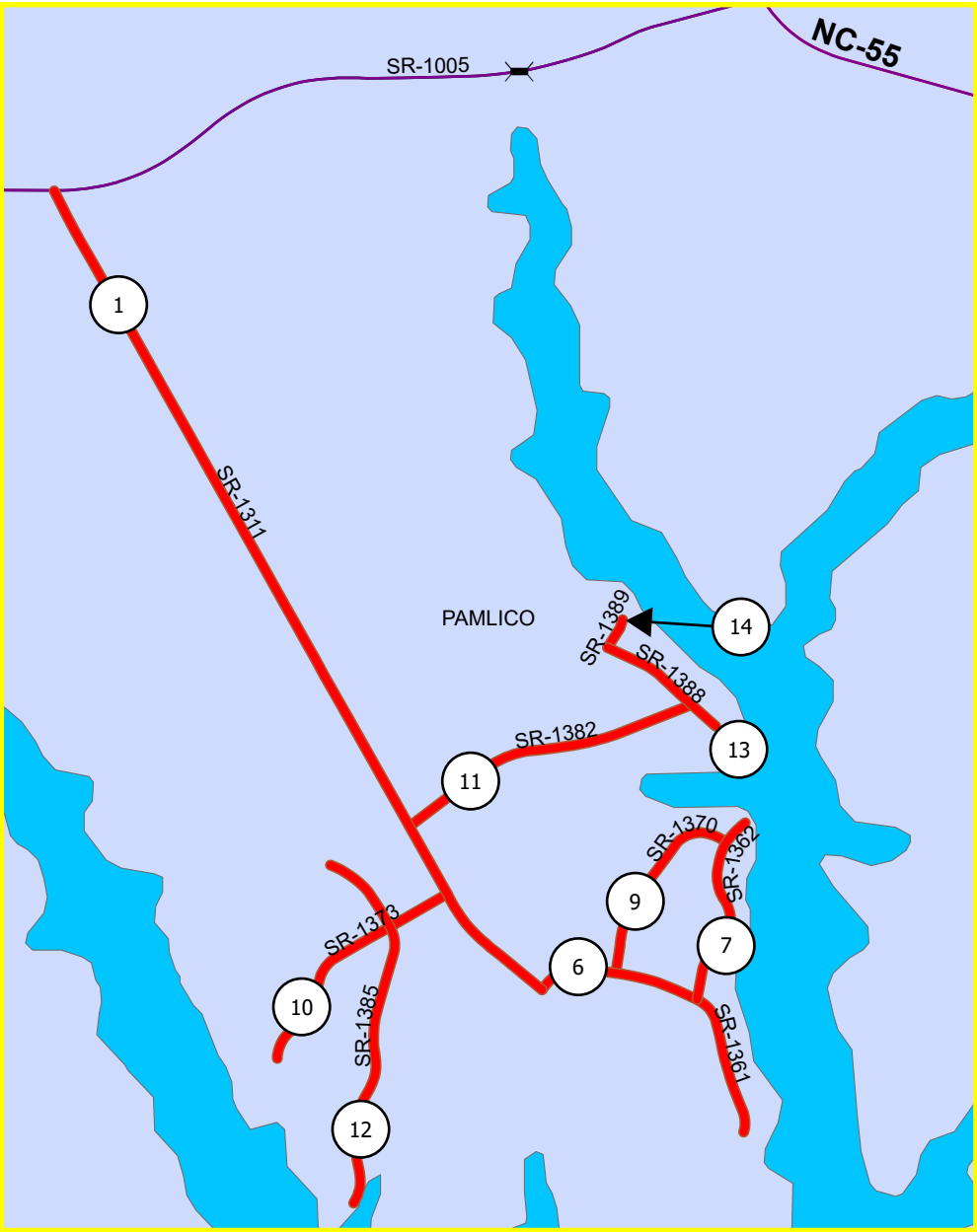
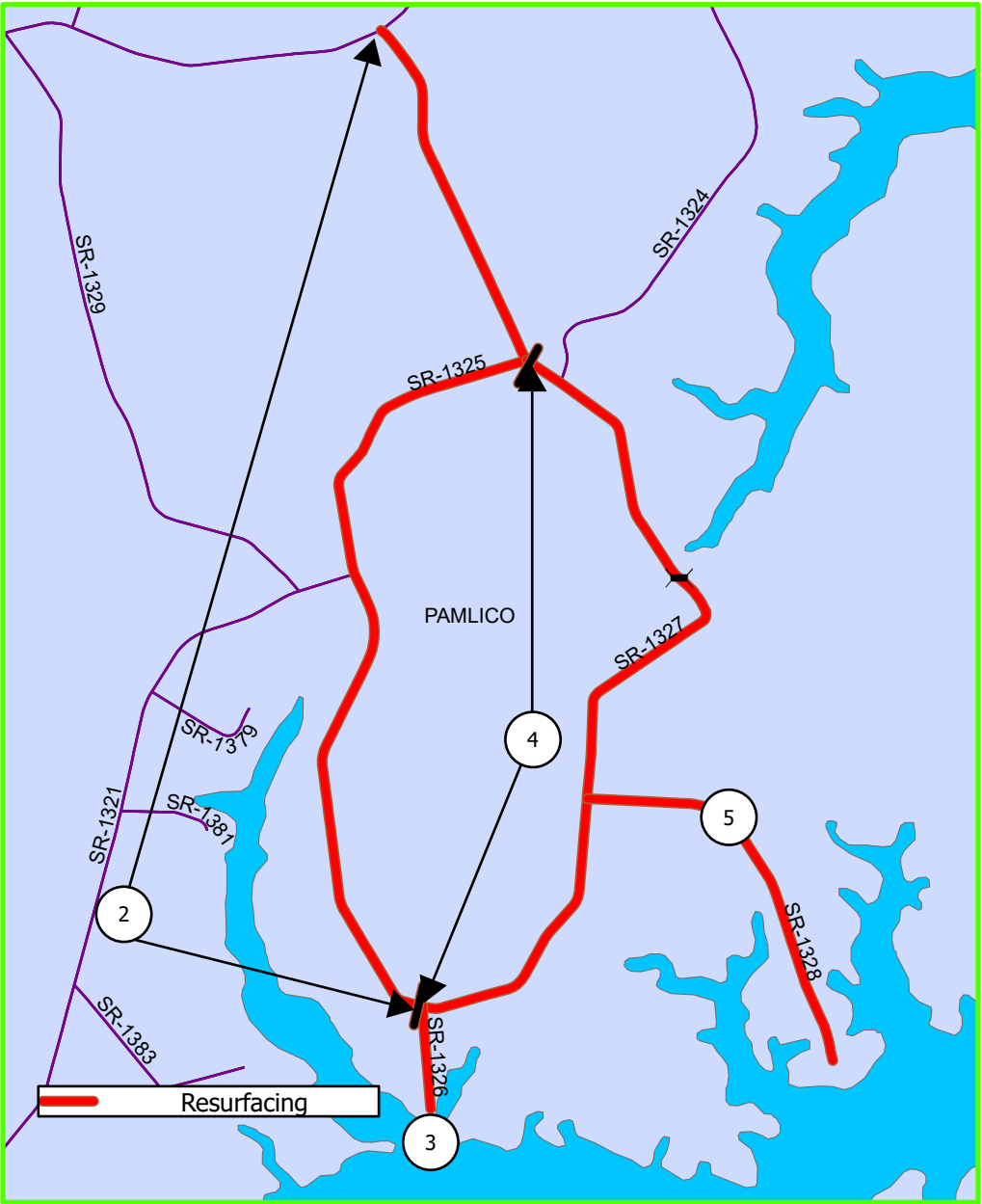
WBS# 2026CPT.02.16.20691
2026CPT.02.09.20692

**TYPE OF WORK : MILL PATCHING, STRENGTHENING, RESURFACING,
AND SHOULDER RECONSTRUCTION**

| PROJECT REFERENCE NO. | SHEET NO. |
|-----------------------|-----------|
| DB00613 | 1 |

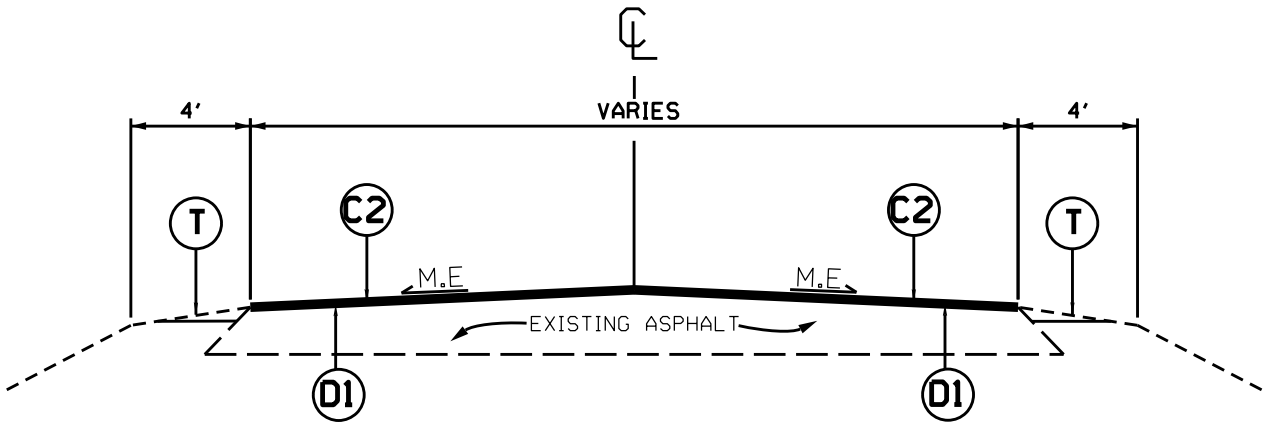


NCDOT
DIVISION 2



TYPICAL SECTION NO. 1

MAPS 1, 2, 4, AND 8

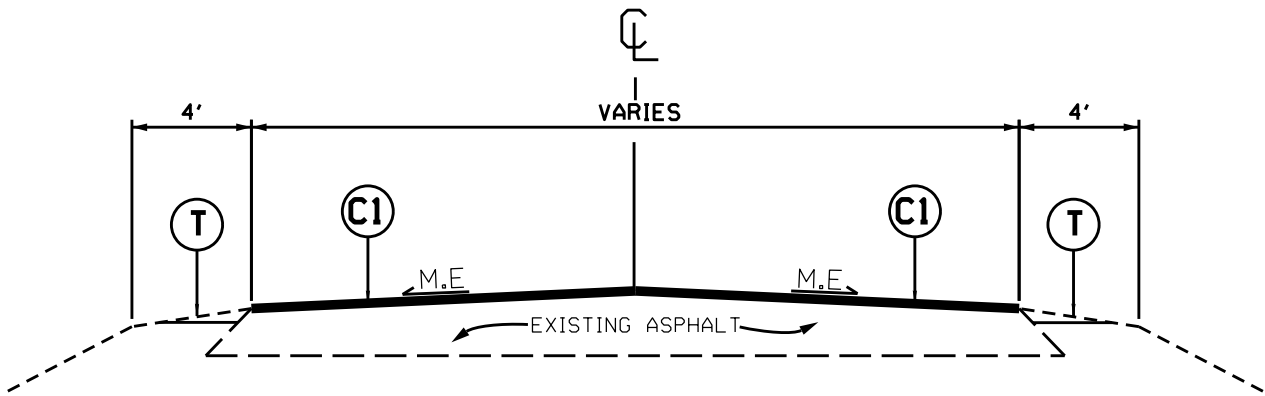


NOTE:

1. PLACE ASPHALT INTERMEDIATE COURSE I19.0C AT FULL WIDTH OF EXISTING ASPHALT PAVEMENT.
2. INCLUDES INCIDENTAL MILLING AT THE ENDS OF MAIN LINE AND Y-LINE SECTIONS, AS DIRECTED BY THE ENGINEER.
3. PLACE ASPHALT SURFACE COURSE S9.5B AT FULL WIDTH OF EXISTING ASPHALT PAVEMENT.
4. PERFORM SHOULDER RECONSTRUCTION AFTER PAVING IS COMPLETED.

TYPICAL SECTION NO. 2

MAPS 3, 5, 6, 7, 9, 10, 11, 12, 13, AND 14



NOTE:

1. PERFORM FULL DEPTH MILL PATCHING AT LOCATIONS AND WIDTHS AS SHOWN ON SHEET 3. PLACE ASPHALT BASE COURSE B25.0C IN ONE LIFT TO BACKFILL.
2. PLACE 1.25" OF ASPHALT SURFACE COURSE S9.5B AT FULL WIDTH OF THE EXISTING ASPHALT PAVEMENT, AS DIRECTED BY THE ENGINEER.
3. INCLUDES INCIDENTAL MILLING AT THE ENDS OF THE MAIN LINE AND Y-LINE SECTIONS, AS DIRECTED BY THE ENGINEER.
4. PERFORM SHOULDER RECONSTRUCTION AFTER PAVING IS COMPLETED.

PAVEMENT SCHEDULE

| | |
|----|---|
| C1 | PROP. APPROX. 1.25" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B AT AN AVERAGE RATE OF 137.5 LBS. PER SQ. YD. |
| C2 | PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD. |
| D1 | PROP. APPROX. 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD. |
| T | SHOULDER RECONSTRUCTION |
| V1 | INCIDENTAL MILLING. |

DRAWINGS NOT TO SCALE

NOTE: PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE.

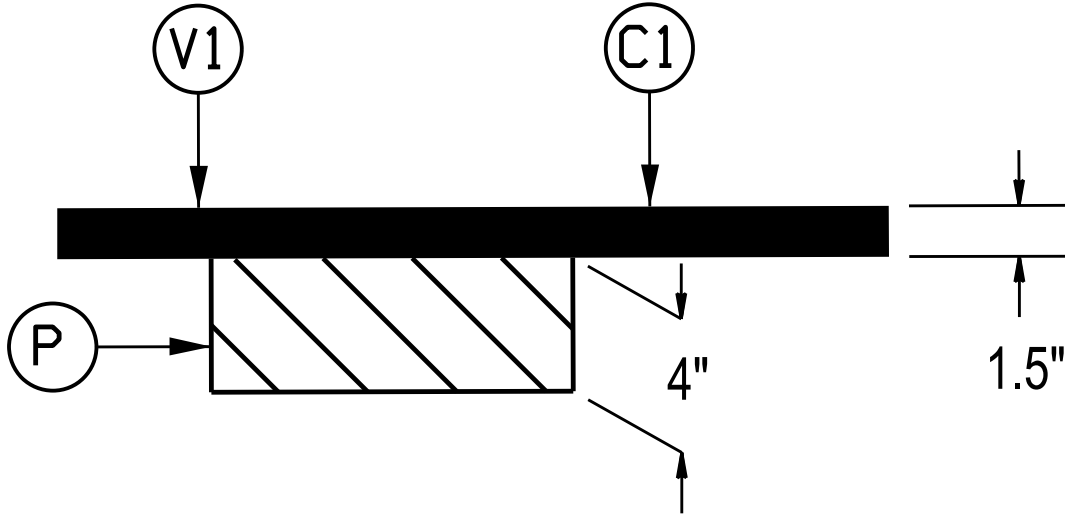
| | | |
|-------------|-----------|-----------|
| PROJECT NO. | SHEET NO. | TOTAL NO. |
| DB00613 | 3 | |
| | | |

SUMMARY OF QUANTITIES

| PROJECT NO | COUNTY | MAP NO | ROUTE | DESCRIPTION | TYP NO | LANES | LANE TYPE | LENGTH | WIDTH | HAULING NCDOT SUPPLIED SHOULDER MATERIAL | INCIDENTAL STONE BASE | SHOULDER RECONSTRUCTION | INCIDENTAL MILLING | INTERMEDIATE COURSE, 119.0C | SURFACE COURSE, S9.5B | ASPHALT BINDER FOR PLANT MIX | 4" DEPTH MILL PATCHING EXISTING PAVEMENT - B 25.0 C | ADJ. OF METER OR VALVE BOX | TEMPORARY SILT FENCE | WATTLE | SEED & MULCHING | RESPONSE FOR EROSION CONTROL | WORK ZONE ADVANCE/ GENERAL WARNING SIGNING | TEMPORARY TRAFFIC CONTROL |
|--|---------|--------|---|--|--------|-------|-----------|--------|-------|--|--------------------------|----------------------------|-----------------------|--------------------------------|-----------------------------|------------------------------------|--|--|-------------------------|--------|--------------------|---------------------------------------|---|---------------------------------|
| | | | | | | | | MI | FT | EA | TONS | SMI | SY | TONS | TONS | TONS | TON | EA | LF | LF | AC | EA | SF | LS |
| 2026CPT.02.16.20691 | Pamlico | 1 | SR-1311 / TEACHS COVE RD | FROM END MAINTENANCE TO SR 1005 KERSHAW RD | 1 | 2 | 2WU | 1.28 | 20 | 77 | 64 | 2.56 | 150 | 2,240 | 1,305 | 192 | | | 205 | 100 | 1.60 | 1 | 145 | 0.13 |
| TOTAL FOR MAP NO. 1 | | | | | | | | 1.28 | | 77 | 64 | 2.56 | 150 | 2,240 | 1,305 | 192 | | | 205 | 100 | 1.60 | 1 | 145 | 0.13 |
| 2026CPT.02.16.20691 | Pamlico | 2 | SR-1325 / WHORTONSVILLE RD/SILVERTHORNE RD/ BROWNS CREEK RD | FROM SR 1326 OLD LUPTON RD TO SR 1324 FLORENCE RD | 1 | 2 | 2WU | 3.75 | 20 | 225 | 188 | 7.50 | 150 | 6,675 | 3,880 | 573 | | | 600 | 100 | 4.69 | 1 | 420 | 0.38 |
| TOTAL FOR MAP NO. 2 | | | | | | | | 3.75 | | 225 | 188 | 7.50 | 150 | 6,675 | 3,880 | 573 | | | 600 | 100 | 4.69 | 1 | 420 | 0.38 |
| 2026CPT.02.16.20691 | Pamlico | 4 | SR-1327 / WHORTONSVILLE RD | FROM SR 1326 OLD LUPTON RD TO SR 1325 WHORTONSVILLE RD | 1 | 2 | 2WU | 2.79 | 20 | 167 | 140 | 5.58 | 350 | 4,955 | 2,900 | 426 | | 1 | 446 | | 3.49 | | 315 | 0.28 |
| TOTAL FOR MAP NO. 4 | | | | | | | | 2.79 | | 167 | 140 | 5.58 | 350 | 4,955 | 2,900 | 426 | | 1 | 446 | | 3.49 | | 315 | 0.28 |
| 2026CPT.02.16.20691 | Pamlico | 8 | SR-1369 / HARDISON LEE FARM RD | FROM END MAINTENANCE TO SR 1302 JANEIRO RD | 1 | 2 | 2WU | 0.58 | 18 | 35 | 29 | 1.16 | 250 | 904 | 539 | 78 | | | 93 | | 0.73 | 1 | 125 | 0.05 |
| TOTAL FOR MAP NO. 8 | | | | | | | | 0.58 | | 35 | 29 | 1.16 | 250 | 904 | 539 | 78 | | | 93 | | 0.73 | 1 | 125 | 0.05 |
| TOTAL FOR PROJ NO. 2026CPT.02.16.20691 | | | | | | | | 8.4 | | 504 | 421 | 16.80 | 900 | 14,774 | 8,624 | 1,269 | | 1 | 1,344 | 200 | 10.51 | 3 | 1,005 | 0.84 |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| 2026CPT.02.09.20692 | Pamlico | 3 | SR-1326 / OLD LUPTON RD | FROM DEAD END TO SR 1327 WHORTONSVILLE RD | 2 | 2 | 2WU | 0.3 | 16 | 12 | 15 | 0.60 | | | 200 | 15 | 31 | | 48 | | 0.30 | | 35 | 0.01 |
| TOTAL FOR MAP NO. 3 | | | | | | | | 0.3 | | 12 | 15 | 0.60 | | | 200 | 15 | 31 | | 48 | | 0.30 | | 35 | 0.01 |
| 2026CPT.02.09.20692 | Pamlico | 5 | SR-1328 / PARADISE SHORES RD | FROM SR 1327 WHORTONSVILLE RD TO DEAD END | 2 | 2 | 2WU | 1.31 | 20 | 52 | 66 | 2.62 | | | 1,099 | 80 | 172 | | 210 | | 1.31 | | 150 | 0.05 |
| TOTAL FOR MAP NO. 5 | | | | | | | | 1.31 | | 52 | 66 | 2.62 | | | 1,099 | 80 | 172 | | 210 | | 1.31 | | 150 | 0.05 |
| 2026CPT.02.09.20692 | Pamlico | 6 | SR-1361 / HORNIGOLD AVE | FROM SR 1311 TEACHS COVE RD TO CUL-DE-SAC | 2 | 2 | 2WU | 0.42 | 20 | 17 | 21 | 0.84 | | | 396 | 26 | | | 67 | | 0.42 | | 50 | 0.02 |
| TOTAL FOR MAP NO. 6 | | | | | | | | 0.42 | | 17 | 21 | 0.84 | | | 396 | 26 | | | 67 | | 0.42 | | 50 | 0.02 |
| 2026CPT.02.09.20692 | Pamlico | 7 | SR-1362 / BLACKBEARD DR | FROM SR 1361 HORNIGOLD AVE TO CUL-DE-SAC | 2 | 2 | 2WU | 0.27 | 20 | 11 | 14 | 0.54 | | | 254 | 21 | 80 | | 43 | | 0.27 | | 125 | 0.01 |
| TOTAL FOR MAP NO. 7 | | | | | | | | 0.27 | | 11 | 14 | 0.54 | | | 254 | 21 | 80 | | 43 | | 0.27 | | 125 | 0.01 |
| 2026CPT.02.09.20692 | Pamlico | 9 | SR-1370 / PIRATE COVE CIR | FROM SR 1362 BLACKBEARD DR TO SR 1361 HORNIGOLD AVE | 2 | 2 | 2WU | 0.27 | 20 | 11 | 14 | 0.54 | | | 235 | 15 | | | 43 | | 0.27 | | 125 | 0.01 |
| TOTAL FOR MAP NO. 9 | | | | | | | | 0.27 | | 11 | 14 | 0.54 | | | 235 | 15 | | | 43 | | 0.27 | | 125 | 0.01 |
| 2026CPT.02.09.20692 | Pamlico | 10 | SR-1373 / COMPASS POINT DR | FROM CUL-DE-SAC TO SR 1311 TEACHS COVE RD | 2 | 2 | 2WU | 0.34 | 20 | 14 | 17 | 0.68 | | | 316 | 21 | | | 54 | | 0.34 | | 125 | 0.01 |
| TOTAL FOR MAP NO. 10 | | | | | | | | 0.34 | | 14 | 17 | 0.68 | | | 316 | 21 | | | 54 | | 0.34 | | 125 | 0.01 |
| 2026CPT.02.09.20692 | Pamlico | 11 | SR-1382 / SMITH CREEK RD | FROM SR 1311 TEACHS COVE RD TO SR 1388 SPINNAKER POINT RD | 2 | 2 | 2WU | 0.42 | 20 | 17 | 21 | 0.84 | | | 382 | 25 | | | 67 | | 0.42 | | 125 | 0.02 |
| TOTAL FOR MAP NO. 11 | | | | | | | | 0.42 | | 17 | 21 | 0.84 | | | 382 | 25 | | | 67 | | 0.42 | | 125 | 0.02 |
| 2026CPT.02.09.20692 | Pamlico | 12 | SR-1385 / DORIS DR | FROM CUL-DE-SAC TO BEGIN MAINTENANCE | 2 | 2 | 2WU | 0.51 | 20 | 20 | 26 | 1.02 | 125 | | 461 | 30 | | | 82 | | 0.51 | | 125 | 0.02 |
| TOTAL FOR MAP NO. 12 | | | | | | | | 0.51 | | 20 | 26 | 1.02 | 125 | | 461 | 30 | | | 82 | | 0.51 | | 125 | 0.02 |
| 2026CPT.02.09.20692 | Pamlico | 13 | SR-1388 / SPINNAKER POINT RD N/SPINNAKER POINT RD S | FROM SR1389 LORI LN TO CUL-DE-SAC | 2 | 2 | 2WU | 0.19 | 20 | 8 | 10 | 0.38 | | | 185 | 12 | | | 30 | | 0.19 | | 50 | 0.01 |
| TOTAL FOR MAP NO. 13 | | | | | | | | 0.19 | | 8 | 10 | 0.38 | | | 185 | 12 | | | 30 | | 0.19 | | 50 | 0.01 |
| 2026CPT.02.09.20692 | Pamlico | 14 | SR-1389 / LORI LN | FROM CUL-DE-SAC TO SR 1388 SPINNAKER POINT RD | 2 | 2 | 2WU | 0.04 | 20 | 2 | 2 | 0.08 | | | 55 | 4 | | | 6 | | 0.04 | | 25 | 0.00 |
| TOTAL FOR MAP NO. 14 | | | | | | | | 0.04 | | 2 | 2 | 0.08 | | | 55 | 4 | | | 6 | | 0.04 | | 25 | 0.00 |
| TOTAL FOR PROJ NO. 2026CPT.02.09.20692 | | | | | | | | 4.07 | | 164 | 206 | 8.14 | 125 | | 3,583 | 249 | 283 | | 650 | | 4.07 | | 935 | 0.16 |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| GRAND TOTAL | | | | | | | | 12.47 | | 668 | 627 | 24.94 | 1,025 | 14,774 | 12,207 | 1,518 | 283 | 1 | 1,994 | 200 | 14.58 | 3 | 1,940 | 1 |

| 4" MILL PATCHING | STA. | STA. | WIDTH | LOC. | MAP |
|------------------|-------|-------|------------|------|-----|
| | 10+06 | 10+40 | FULL WIDTH | | 3 |
| | 13+85 | 14+62 | 8' | RT | 3 |
| | 8+77 | 11+01 | 10' | LT | 5 |
| | 13+35 | 13+83 | 10' | LT | 5 |
| | 21+48 | 21+81 | 7' | RT | 5 |
| | 42+54 | 43+29 | FULL WIDTH | | 5 |
| | 43+29 | 44+94 | 10' | LT | 5 |
| | 58+15 | 58+66 | 7' | LT | 5 |
| | 4+85 | 6+00 | FULL WIDTH | | 7 |
| | 6+95 | 7+30 | FULL WIDTH | | 7 |
| | | | | | |
| | | | | | |

4" DEPTH MILL PATCHING DETAIL
MAPS 3, 5, AND 7

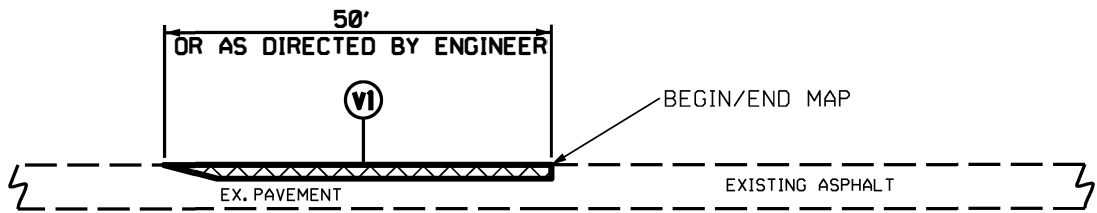


NOTE:

1. THE CONTRACTOR SHALL PERFORM ANY UNIFORM OR INCIDENTAL MILLING AT TIE-INS BEFORE PERFORMING THE 4" DEPTH MILL PATCHING.
2. THE CONTRACTOR SHALL PERFORM THE MILL PATCHING REMOVAL AND REPLACEMENT IN THE SAME DAY.
3. 4" DEPTH MILL PATCHING SHALL BE PERFORMED AT LOCATIONS AS SHOWN ON SHEET 3, AND AS DIRECTED BY THE ENGINEER.

| PAVEMENT SCHEDULE | |
|-----------------------|--|
| C1 | PROP. APPROX. 1.5" OF ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B AT AN AVERAGE RATE OF 165.0 LBS. PER SQ. YD. |
| V1 | INCIDENTAL MILLING |
| P | 4" DEPTH MILL PATCHING W/ B25.0C |
| DRAWINGS NOT TO SCALE | |

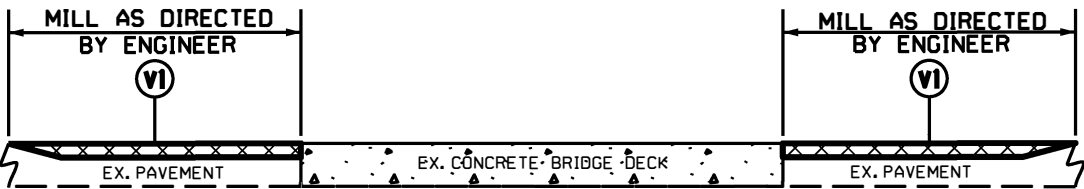
MILLING TYPICALS



DETAIL 1
BEGIN/END MAP TIE-IN

NOTE:

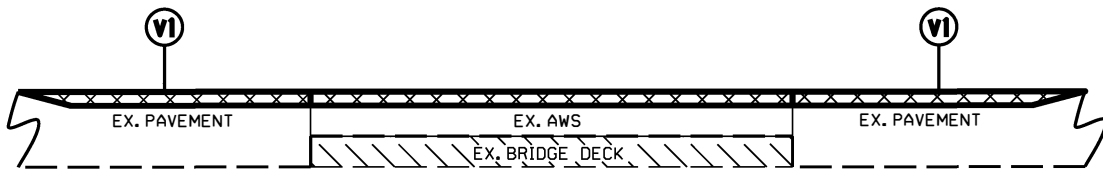
1. MILLING SHALL BE PERFORMED AT MAIN LINE TIE-INS AND Y-LINE TIE-INS AS DIRECTED BY THE ENGINEER, IN ACCORDANCE WITH THIS DETAIL.



DETAIL 2
BRIDGE MILLING

NOTE:

1. MILLING SHALL BE PERFORMED AT THE BRIDGE APPROACHES AS DIRECTED BY THE ENGINEER, IN ACCORDANCE WITH THIS DETAIL.

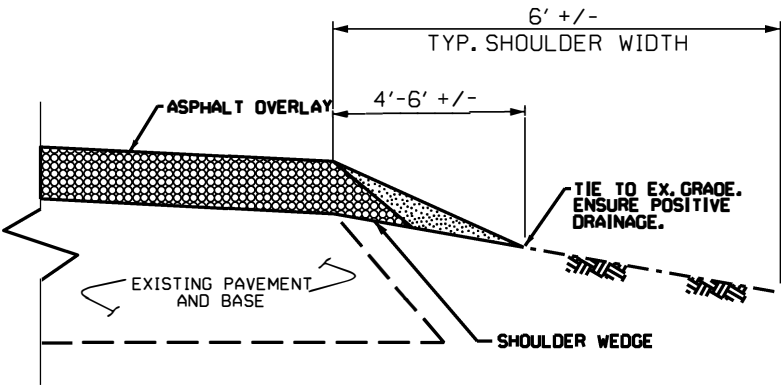


DETAIL 3
BRIDGE MILLING

NOTE:

1. INCLUDES MILLING FOR THE ENTIRE WIDTH OF THE BRIDGE WEARING SURFACE, AS DIRECTED BY THE ENGINEER.

SHOULDER RECONSTRUCTION TYPICAL

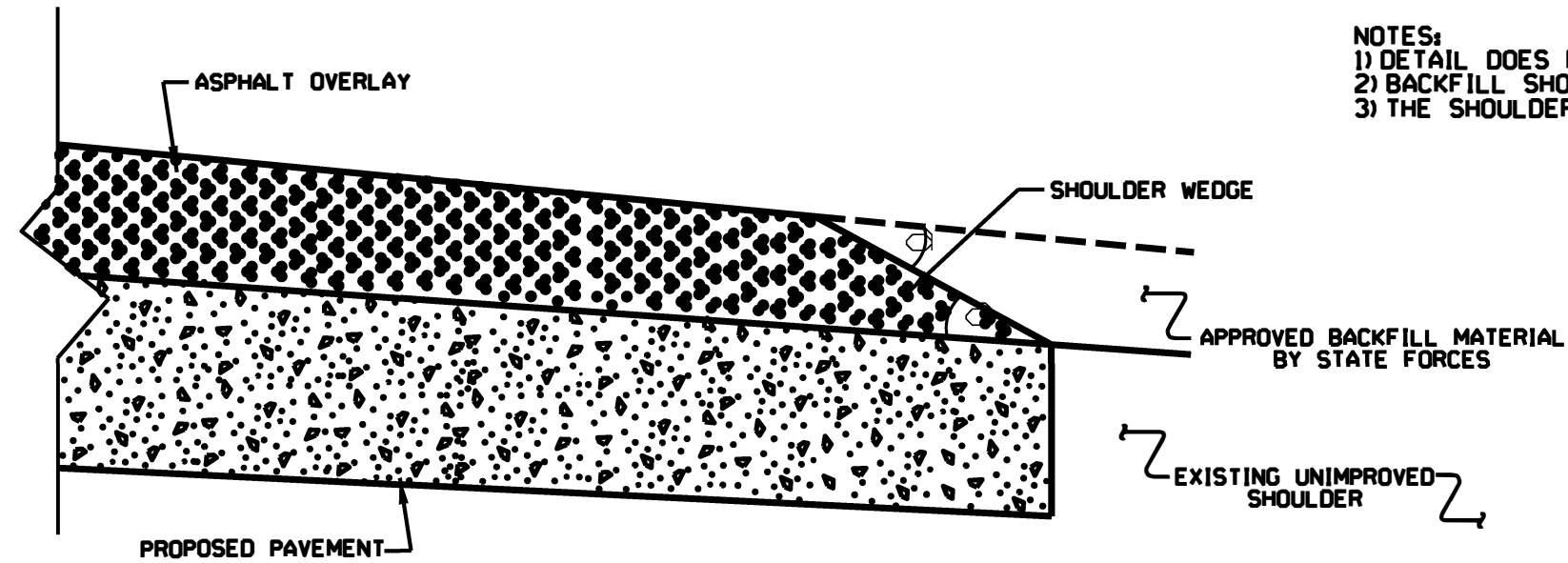


SHOULDER RECONSTRUCTION DETAIL

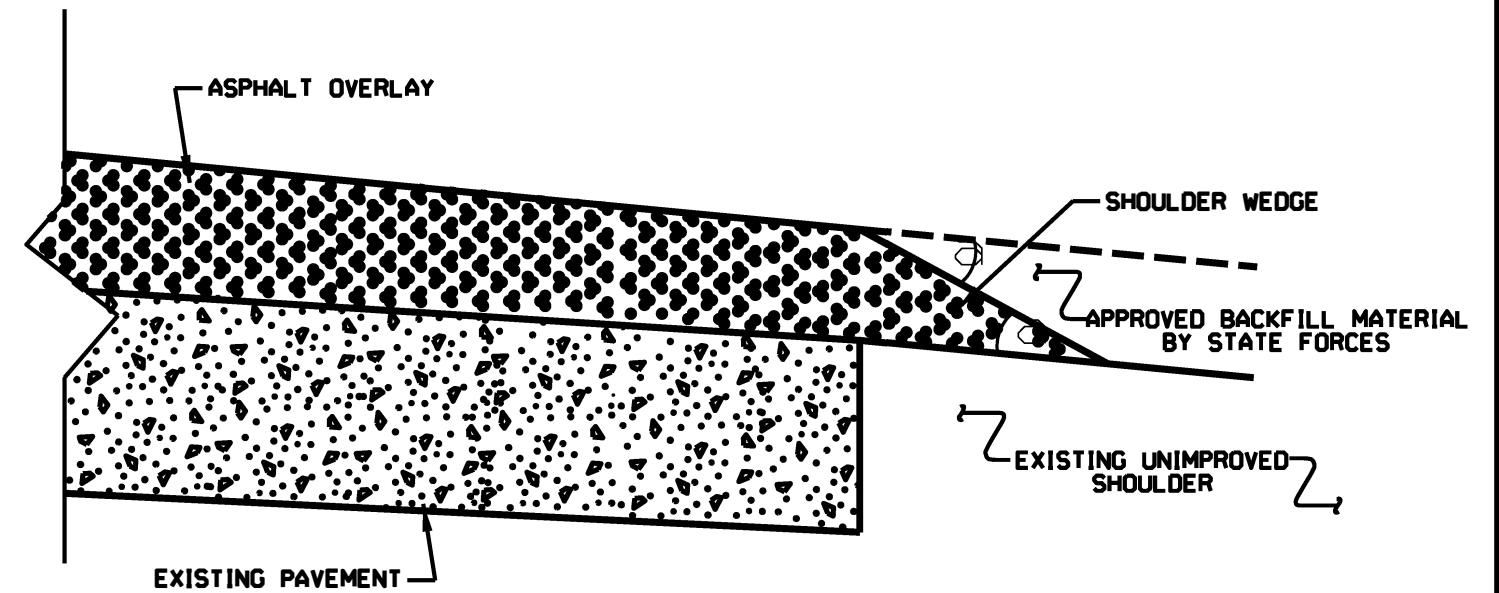
NOTE:

1. SHOULDERS SHALL BE RECONSTRUCTED AS SHOWN IN STD. DWG. NO. 560.01 & 560.02, WITH A MINIMUM SLOPE OF 1" PER FOOT TO ENSURE POSITIVE DRAINAGE AWAY FROM THE ROADWAY.
2. A VEGETATIVE BUFFER SHALL BE MAINTAINED BETWEEN THE DISTURBED AREA ALONG THE EDGE OF PAVEMENT AND THE DITCH SHOULDER POINT TO MINIMIZE EROSION. PULLING DITCHES OR CUTTING SHOULDERS TO GENERATE BORROW MATERIAL WILL NOT BE ALLOWED.
3. REQUIRED BORROW MATERIAL MAY BE OBTAINED FROM NCDOT STOCKPILES. ANY EXCESS MATERIAL SHALL BE DISPOSED OF BY THE CONTRACTOR IN AN APPROVED DISPOSAL SITE.

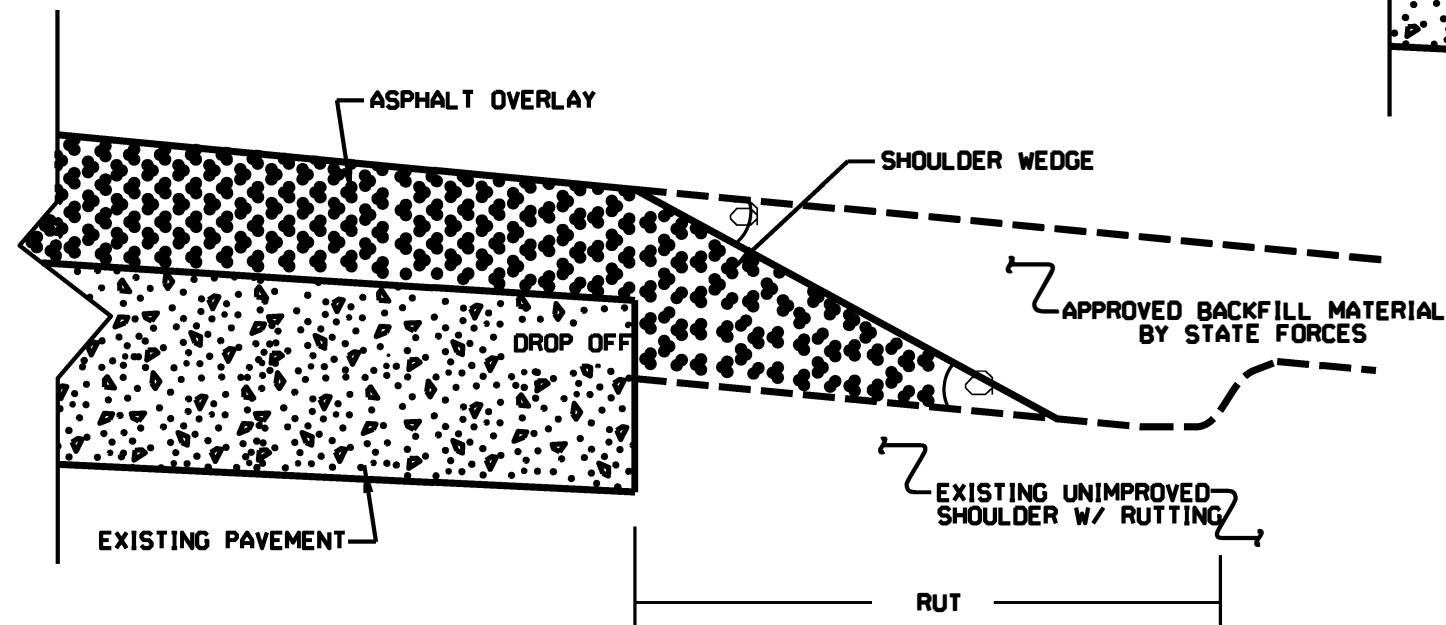
- NOTES:
- 1) DETAIL DOES NOT APPLY TO OGAFB AND ULTRA-THIN BONDED WEARING COURSE.
 - 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
 - 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS AND SIDE STREETS.



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)

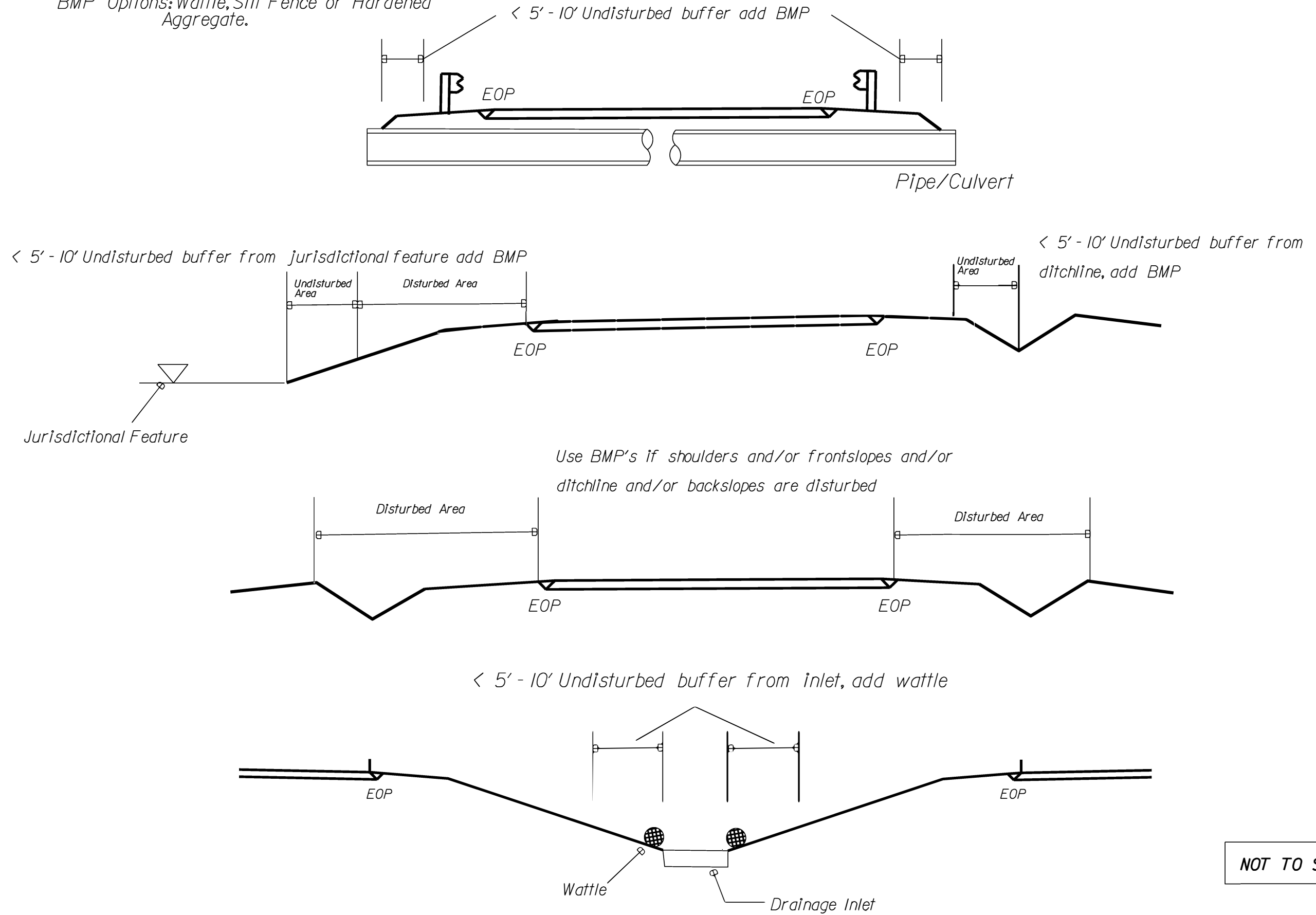
- SHOULDER WEDGE ANGLE = 30°

**SHOULDER WEDGE
DETAILS**

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

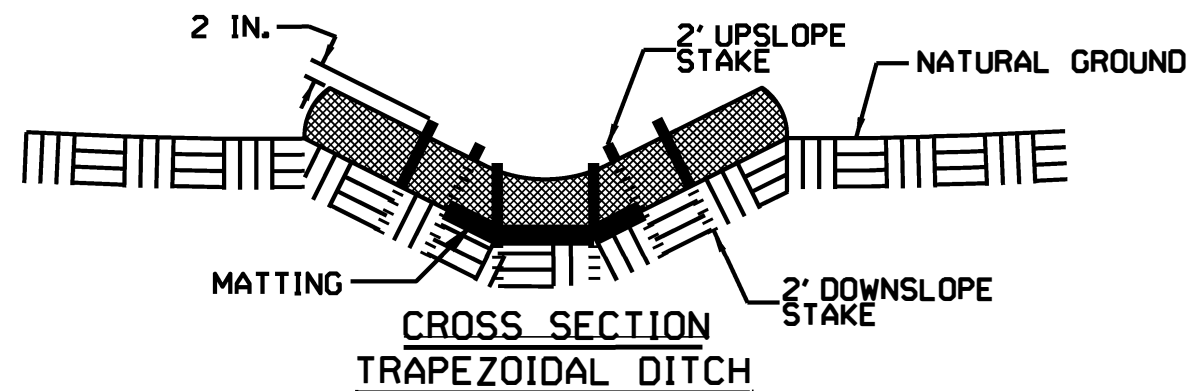
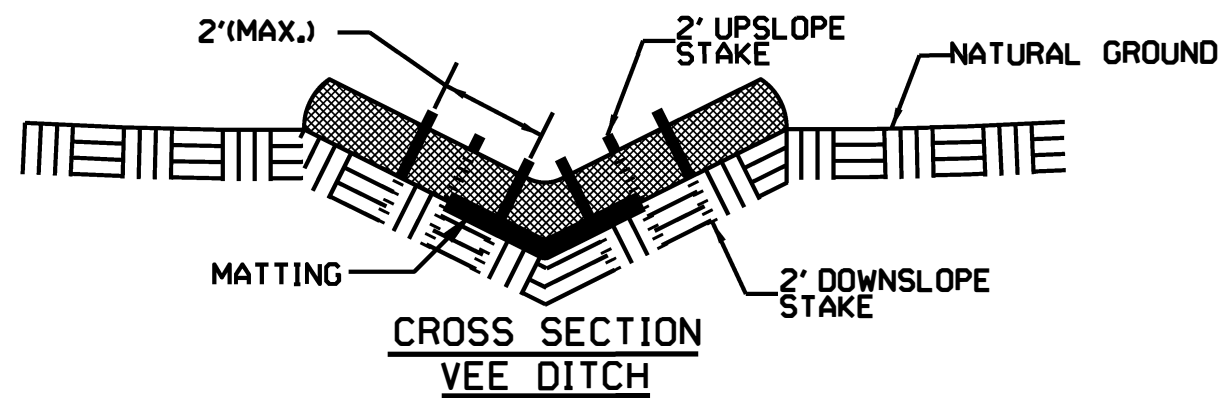
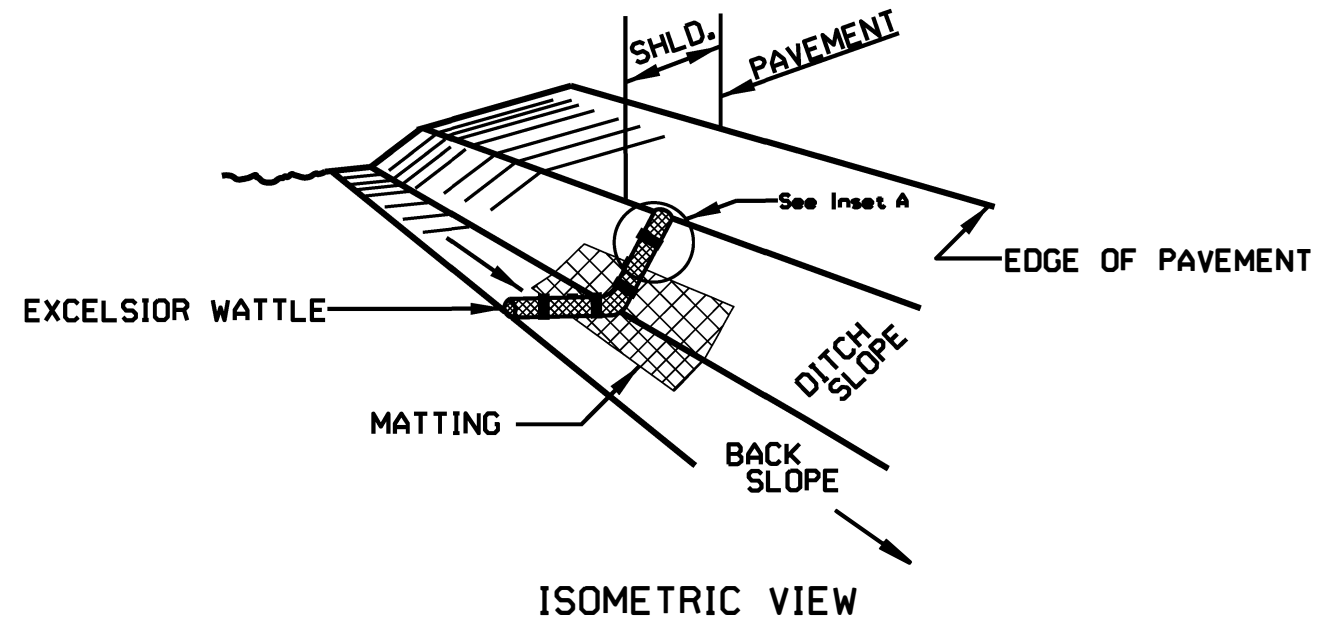
BMP Options: Wattle, Silt Fence or Hardened Aggregate.

EROSION CONTROL DETAIL



NOT TO SCALE

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.

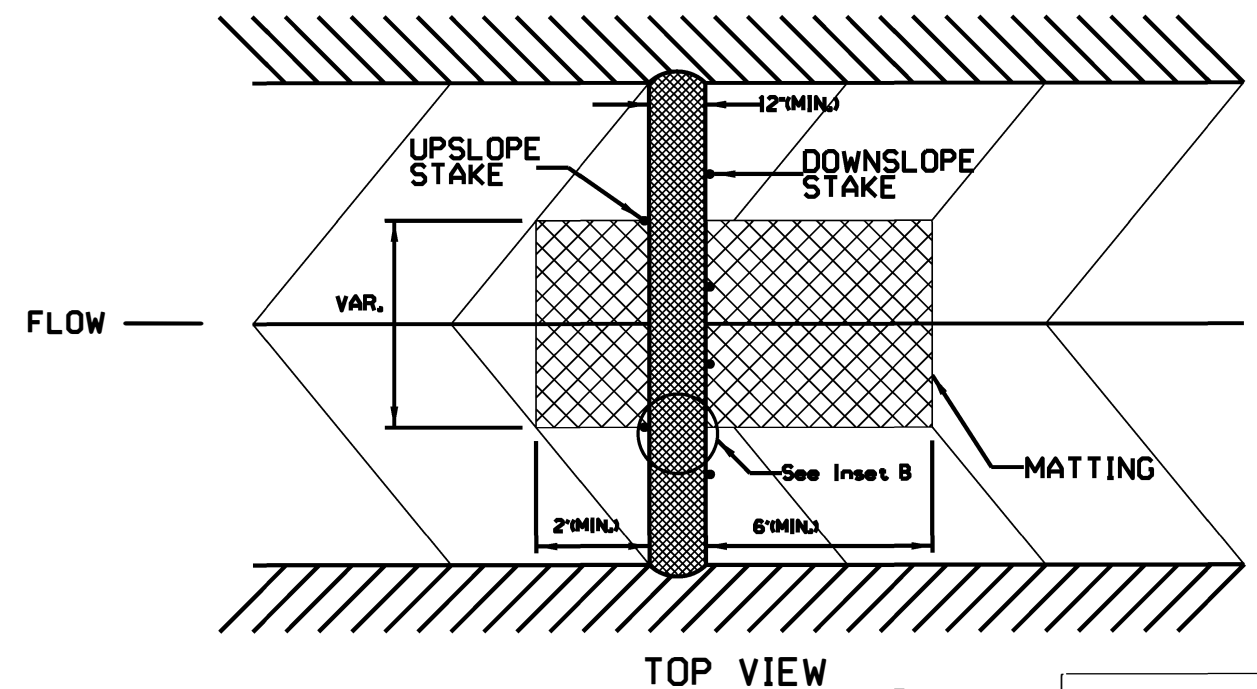
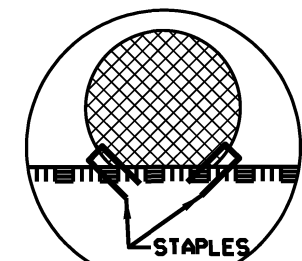
ONLY INSTALL WATTLE(S) TO A HEIGHT IN DITCH SO FLOW WILL NOT WASH AROUND WATTLE AND SCOUR DITCH SLOPES AND AS DIRECTED.

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.



NOT TO SCALE

