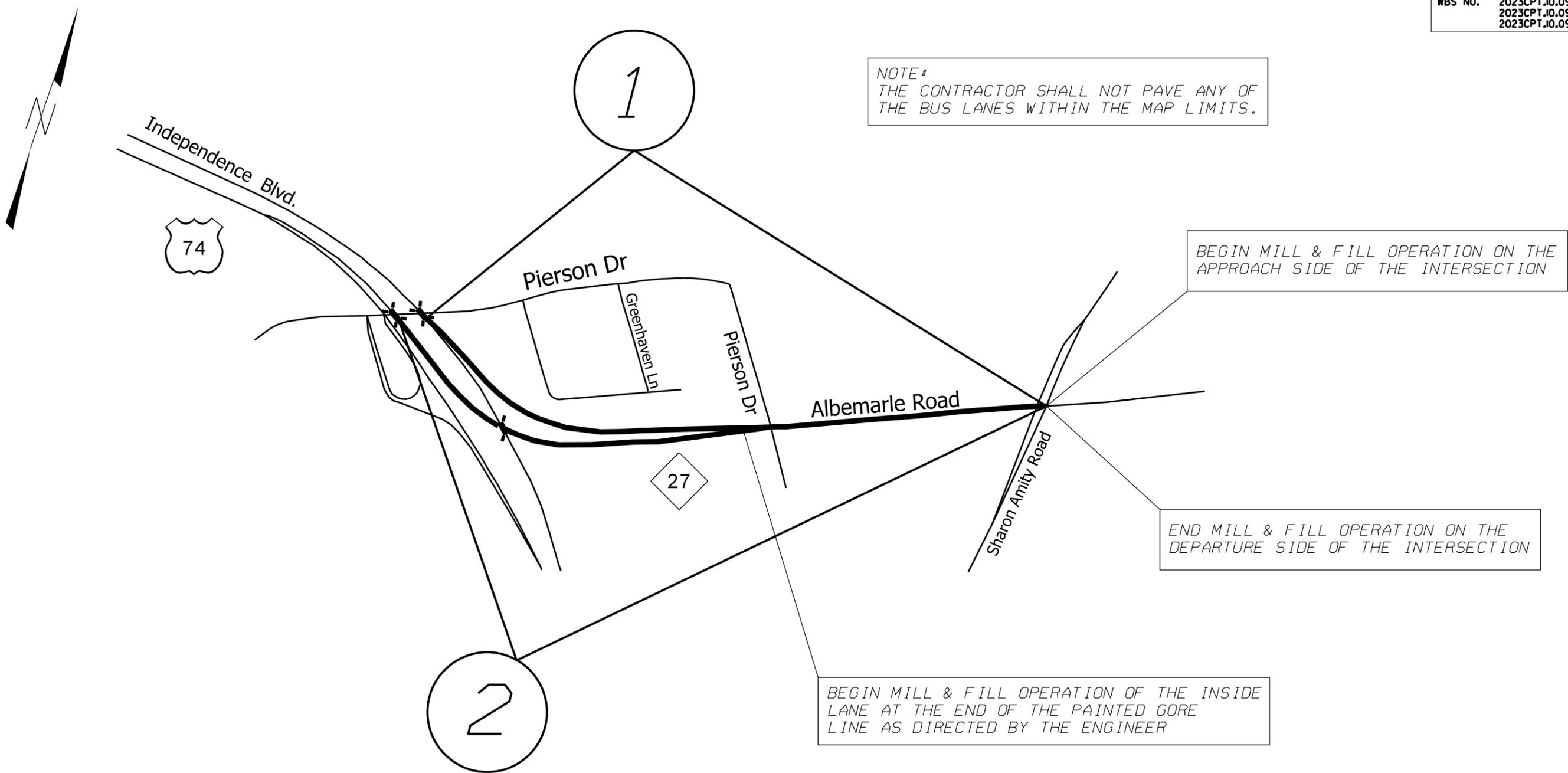


| STATE | PROJECT NO. | SHEET NO. | TOTAL SHEETS |
|---------|---|-----------|--------------|
| N.C. | | | |
| WBS NO. | 2023CPT.J0.09.J0601 2023CPT.J0.09.20601 2023CPT.J0.09.20602 FOR | | |

NOTE:
THE CONTRACTOR SHALL NOT PAVE ANY OF THE BUS LANES WITHIN THE MAP LIMITS.



BEGIN MILL & FILL OPERATION ON THE APPROACH SIDE OF THE INTERSECTION

END MILL & FILL OPERATION ON THE DEPARTURE SIDE OF THE INTERSECTION

BEGIN MILL & FILL OPERATION OF THE INSIDE LANE AT THE END OF THE PAINTED GORE LINE AS DIRECTED BY THE ENGINEER

MAP

DESCRIPTION

1 WB NC 27 ALBEMARLE ROAD

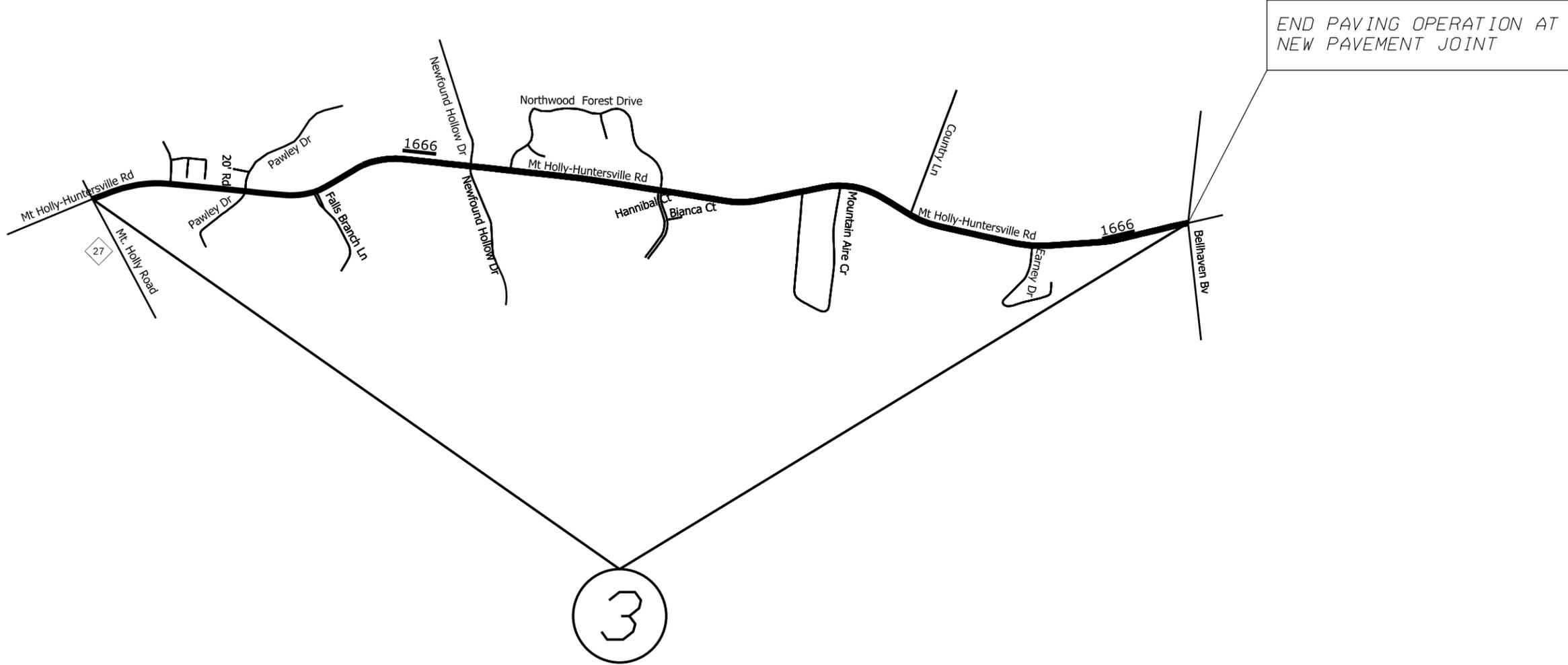
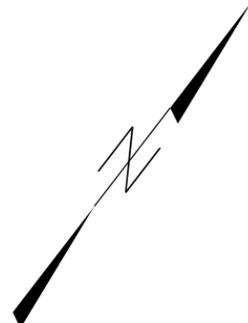
FROM SHARON AMITY ROAD TO BRIDGE DECK ON INDEPENDENCE BLVD

2 EB NC 27 ALBEMARLE ROAD

FROM BRIDGE DECK ON INDEPENDENCE TO SHARON AMITY ROAD

| | | |
|---|-------|-----------|
| 2023 MECKLENBURG COUNTY RESURFACING CONTRACT 3 | | |
| SCALE | -NA- | REVISIONS |
| DATE | 12/22 | |
| DWG. BY | JHE | |
| DESIGN BY | JHE | |
| APPROVED | | |

| | | | |
|---------|---|-----------|--------------|
| STATE | PROJECT NO. | SHEET NO. | TOTAL SHEETS |
| N.C. | | | |
| WBS NO. | 2023CPT.J0.09.J0601 2023CPT.J0.09.20601 2023CPT.J0.09.20602 FDR | | |



MAP

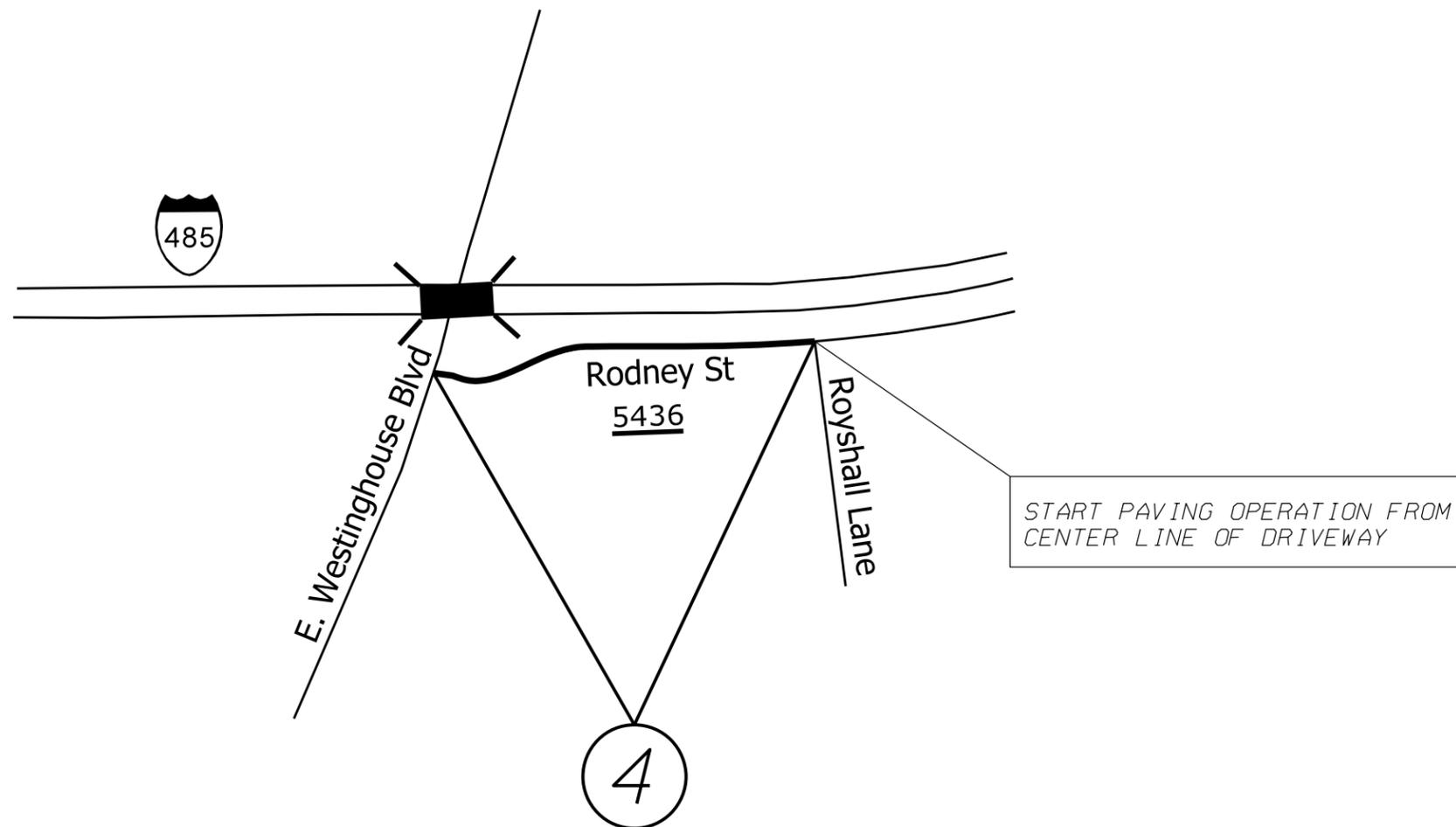
DESCRIPTION

3 SR 1666 MT. HOLLY HUNTERSVILLE ROAD

FROM MT. HOLLY ROAD TO BELLHAVEN BLVD

| | |
|---|-------|
| 2023 MECKLENBURG COUNTY RESURFACING CONTRACT 3 | |
| SCALE | -NA- |
| DATE | 12/22 |
| DWG. BY | JHE |
| DESIGN BY | JHE |
| APPROVED | |
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| REVISIONS | |
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| STATE | PROJECT NO. | SHEET NO. | TOTAL SHEETS |
| N.C. | | | |
| WBS NO. | 2023CPT.I0.09.I060I 2023CPT.I0.09.2060I 2023CPT.I0.09.20602 FDR | | |



MAP

DESCRIPTION

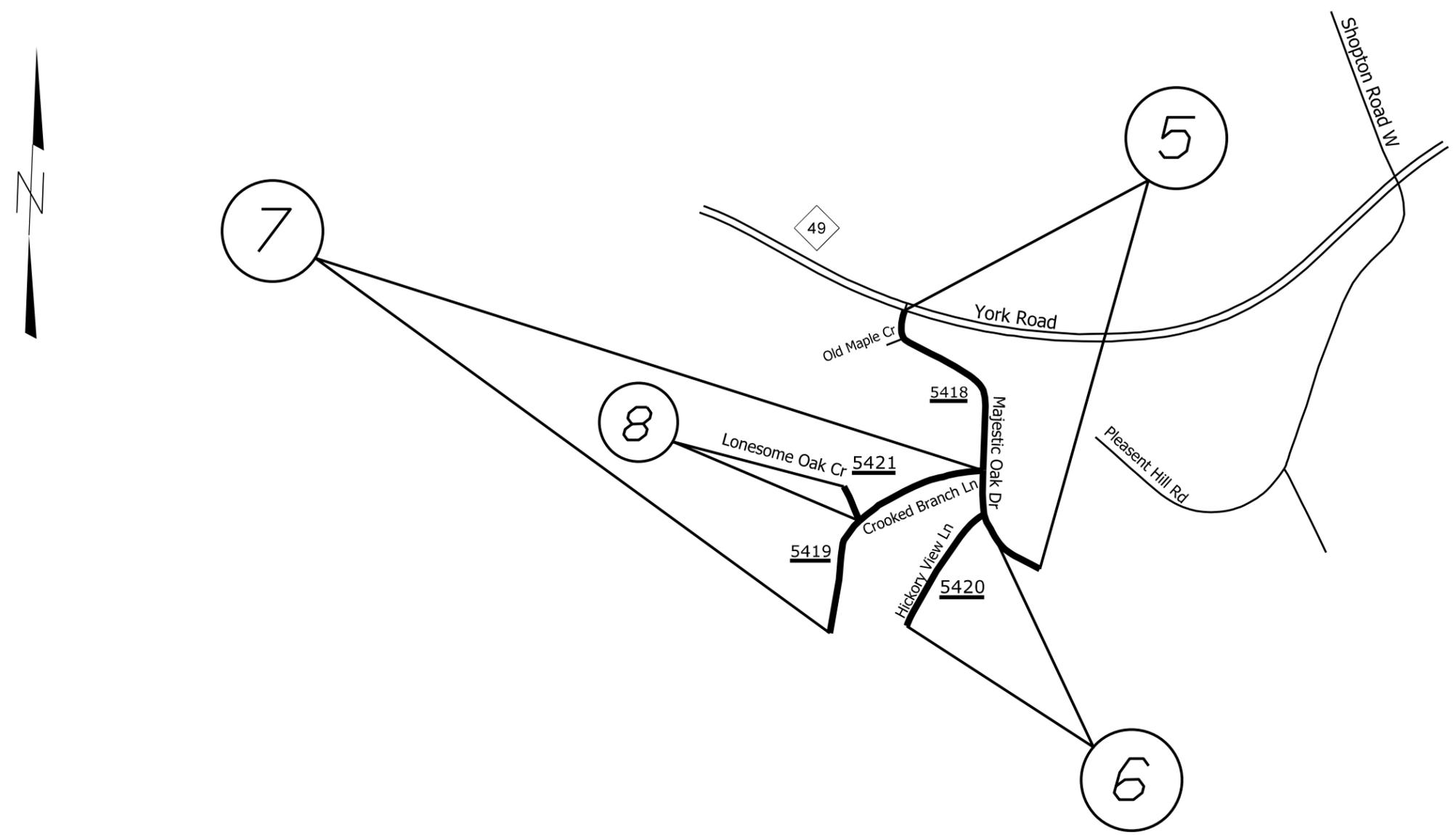
4 SR 5436 RODNEY STREET

FROM ROYSHALL LANE TO E. WESTINGHOUSE BLVD

2023 MECKLENBURG COUNTY
RESURFACING CONTRACT 3

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|-----------|-------|--|-----------|--|
| SCALE | -NA- | | REVISIONS | |
| DATE | 12/22 | | | |
| DWG. BY | JHE | | | |
| DESIGN BY | JHE | | | |
| APPROVED | | | | |

| STATE | PROJECT NO. | SHEET NO. | TOTAL SHEETS |
|---------|---|-----------|--------------|
| N.C. | | | |
| WBS NO. | 2023CPT.10.09.10601 2023CPT.10.09.20601 2023CPT.10.09.20602 FDR | | |



MAP

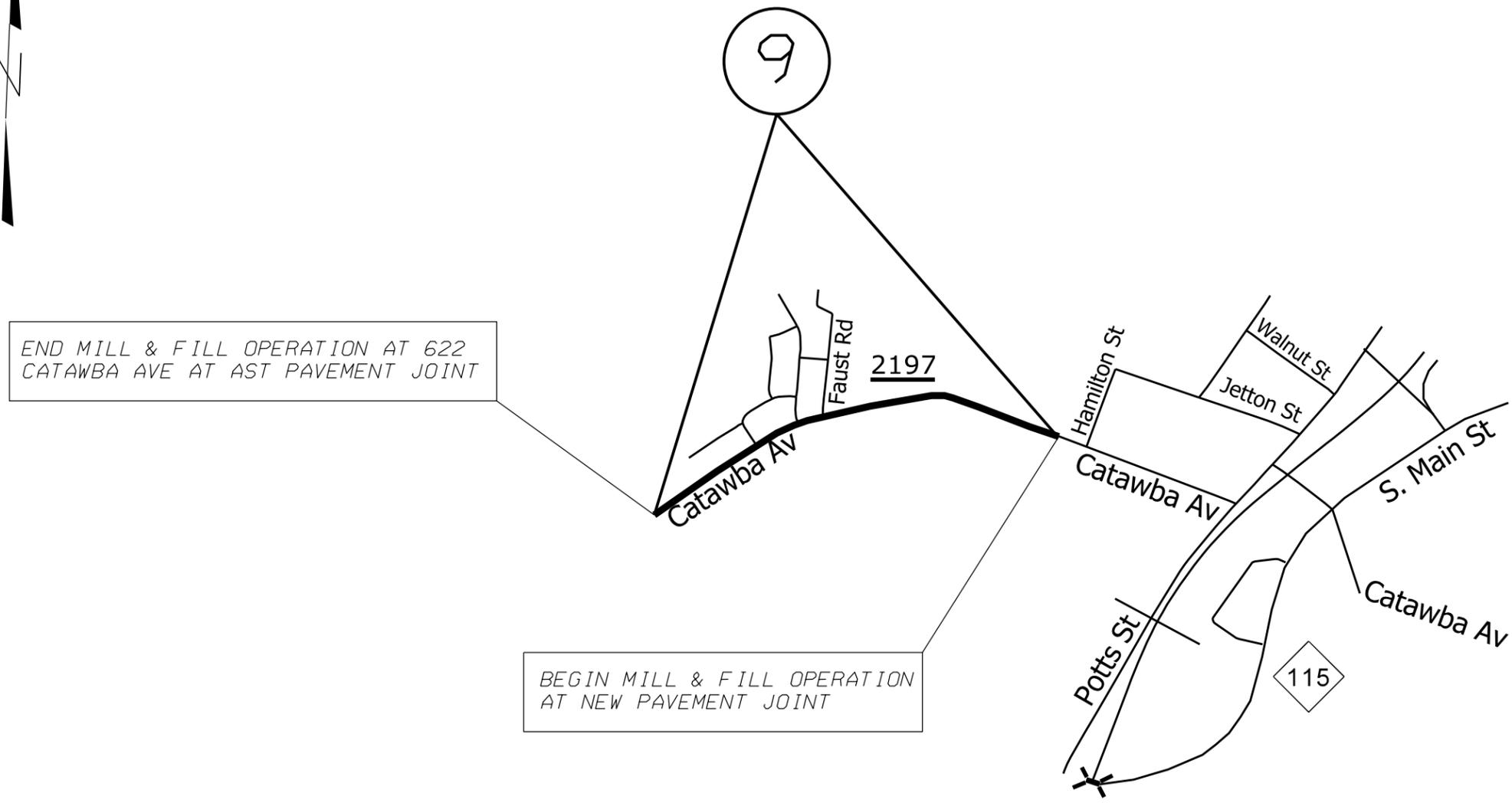
DESCRIPTION

- #5 SR 5418 MAJESTIC OAK DRIVE
- #6 SR 5420 HICKORY VIEW LANE
- #7 SR 5419 CROOKED BRANCH LANE
- #8 SR 5421 LONESOME OAK CIRCLE

- FROM YORK ROAD TO END OF MAINTENANCE
- FROM MAJESTIC OAK DR. TO END OF MAINTENANCE
- FROM MAJESTIC OAK DR. TO END OF MAINTENANCE
- FROM CROOKED BRANCH LANE TO END OF MAINTENANCE

| | | |
|---|-------|---|
| 2023 MECKLENBURG COUNTY RESURFACING CONTRACT 3 | | |
| SCALE | -NA- |  |
| DATE | 12/22 | |
| DWG. BY | JHE | |
| DESIGN BY | JHE | |
| APPROVED | | |
| | | REVISIONS |
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| STATE | PROJECT NO. | SHEET NO. | TOTAL SHEETS |
| N.C. | | | |
| WBS NO. | 2023CPT.I0.09.I060I 2023CPT.I0.09.2060I 2023CPT.I0.09.20602 FDR | | |



END MILL & FILL OPERATION AT 622
CATAWBA AVE AT AST PAVEMENT JOINT

BEGIN MILL & FILL OPERATION
AT NEW PAVEMENT JOINT

MAP

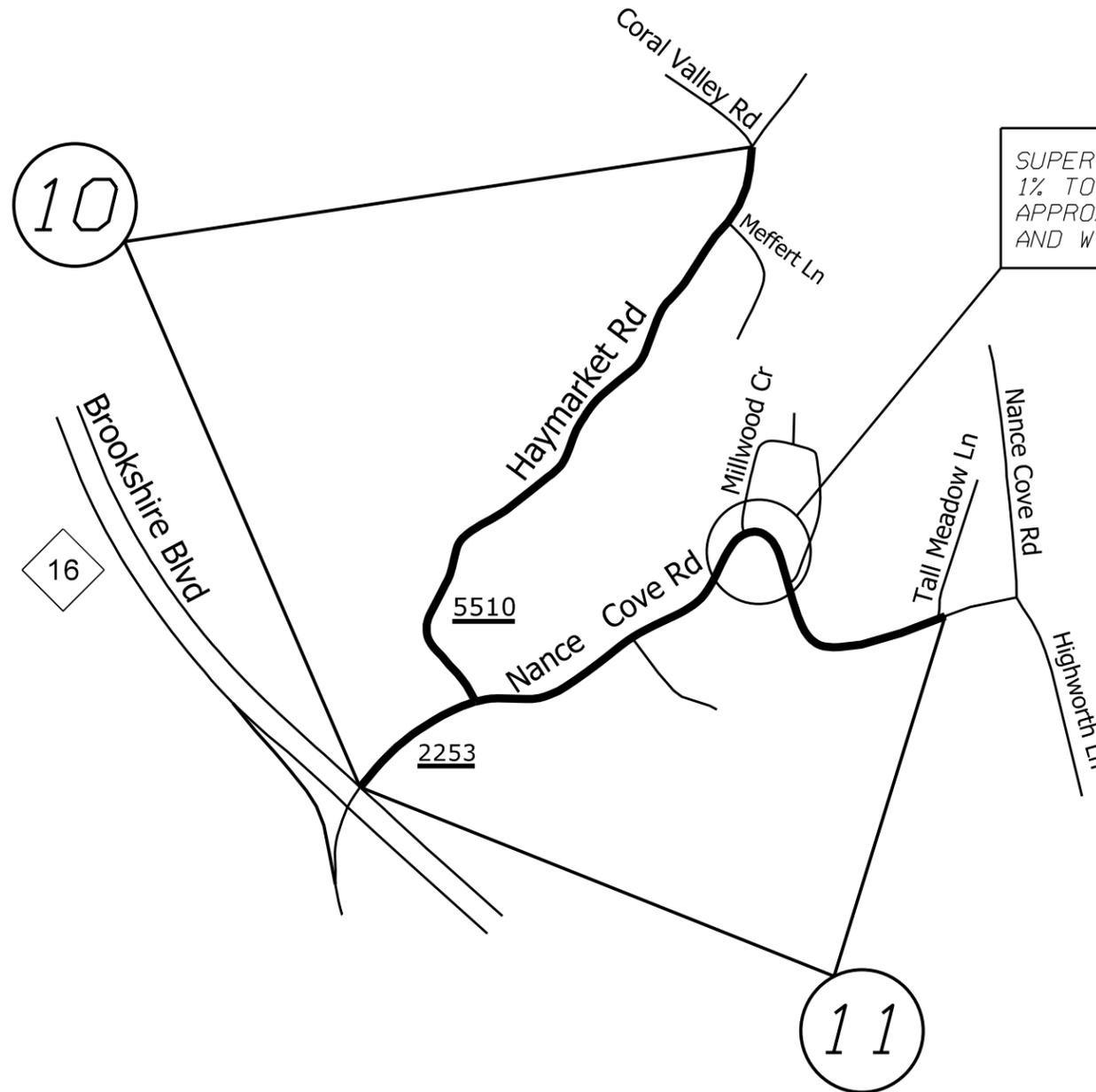
9 SR 2197 CATAWBA AVE

DESCRIPTION

FROM WEST OF HAMILTON STREET AT
PAVEMENT JOINT TO THE END OF MAINTENANCE

| | | |
|---|-------|---|
| 2023 MECKLENBURG COUNTY RESURFACING CONTRACT 3 | | |
| SCALE | -NA- |  |
| DATE | 12/22 | |
| DWG. BY | JHE | |
| DESIGN BY | JHE | |
| APPROVED | | |
| | | REVISIONS |
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| STATE | PROJECT NO. | SHEET NO. | TOTAL SHEETS |
|---------|---|-----------|--------------|
| N.C. | | | |
| WBS NO. | 2023CPT.J0.09.J0601 2023CPT.J0.09.20601 2023CPT.J0.09.20602 FDR | | |



SUPER ELEVATION FOR CURVE VARIES FROM 1% TO 6% SEE AERIAL PHOTO FOR APPROXIMATE LOCATIONS, PERCENT SLOPES, AND WIDTHS.

MAP

10 SR 5510 HAYMARKET ROAD

11 SR 2253 NANCE COVE ROAD

DESCRIPTION

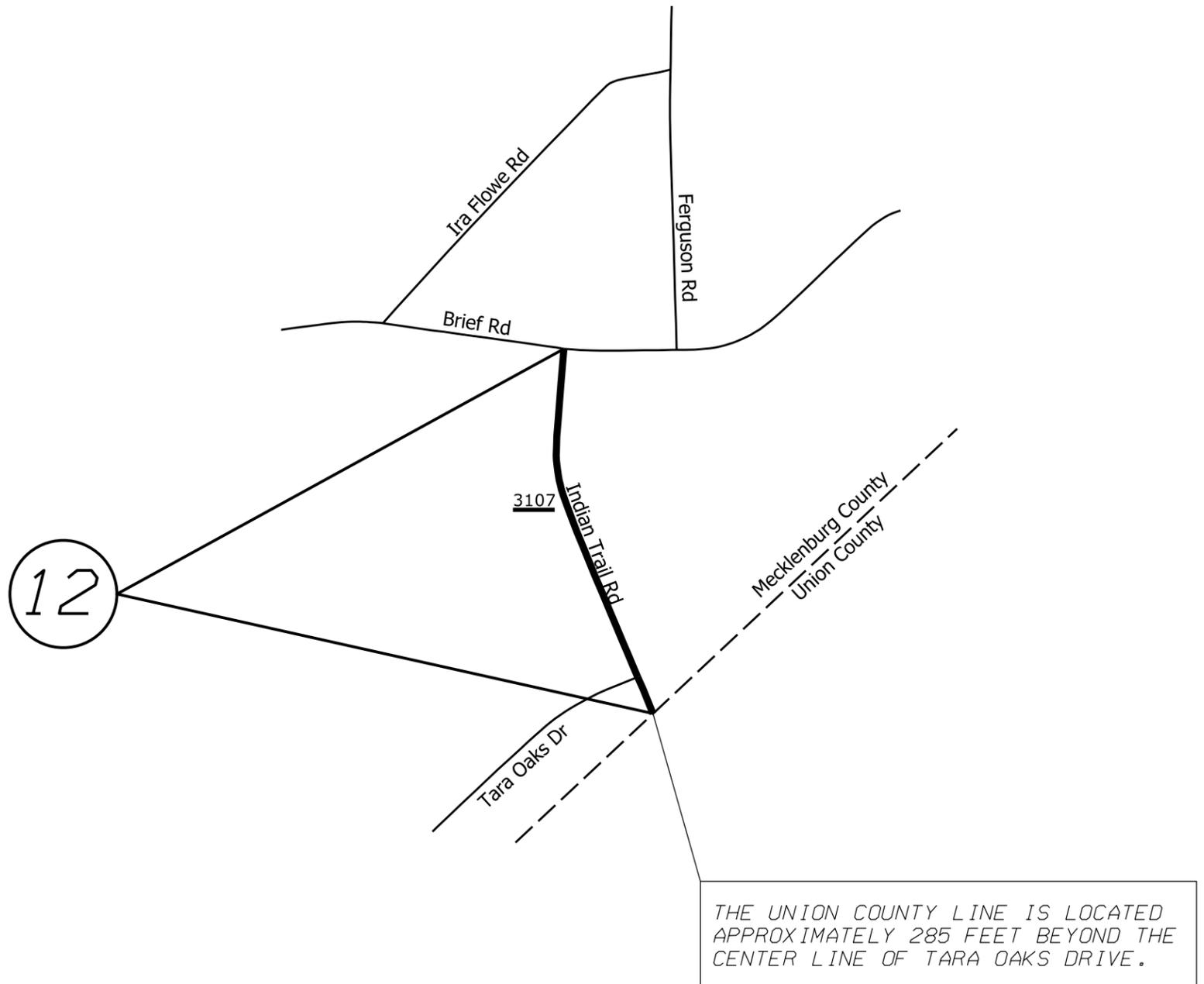
FROM NANCE COVE ROAD TO END OF MAINTENANCE

FROM BROOKSHIRE BLVD TO CURB AND GUTTER AT TALL MEADOW LANE

2023 MECKLENBURG COUNTY
RESURFACING CONTRACT 3

| | | | | |
|-----------|-------|--|-----------|--|
| SCALE | -NA- | | REVISIONS | |
| DATE | 12/22 | | | |
| DWG. BY | JHE | | | |
| DESIGN BY | JHE | | | |
| APPROVED | | | | |

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| STATE | PROJECT NO. | SHEET NO. | TOTAL SHEETS |
| N.C. | | | |
| WBS NO. | 2023CPT.J0.09.J0601 2023CPT.J0.09.20601 2023CPT.J0.09.20602 FDR | | |



THE UNION COUNTY LINE IS LOCATED APPROXIMATELY 285 FEET BEYOND THE CENTER LINE OF TARA OAKS DRIVE.

MAP

DESCRIPTION

12 SR 3107 INDIAN TRAIL ROAD

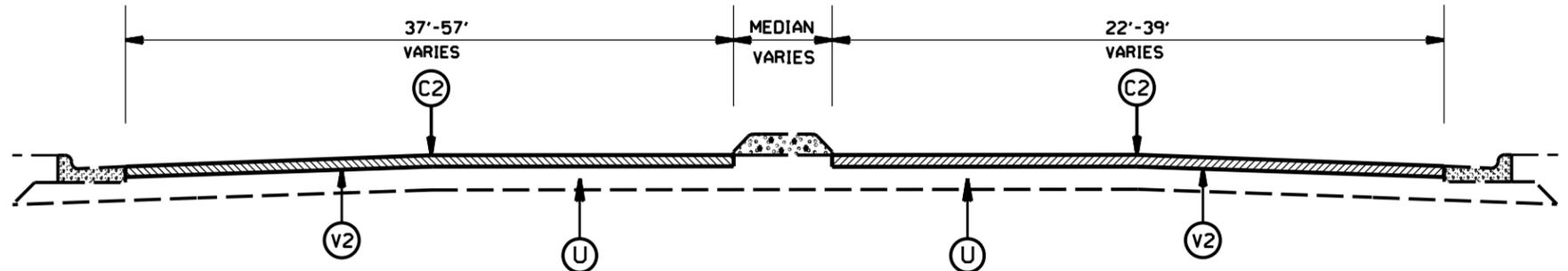
FROM BRIEF ROAD TO UNION COUNTY LINE

| | |
|---|-------|
| 2023 MECKLENBURG COUNTY RESURFACING CONTRACT 3 | |
| SCALE | -NA- |
| DATE | 12/22 |
| DWG. BY | JHE |
| DESIGN BY | JHE |
| APPROVED | |
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| REVISIONS | |
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| STATE | PROJECT NO. | SHEET NO. | TOTAL SHEETS |
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| WBS NO. | 2023CPT.J0.09.I0601 2023CPT.J0.09.20601 2023CPT.J0.09.20602 | | FOR |

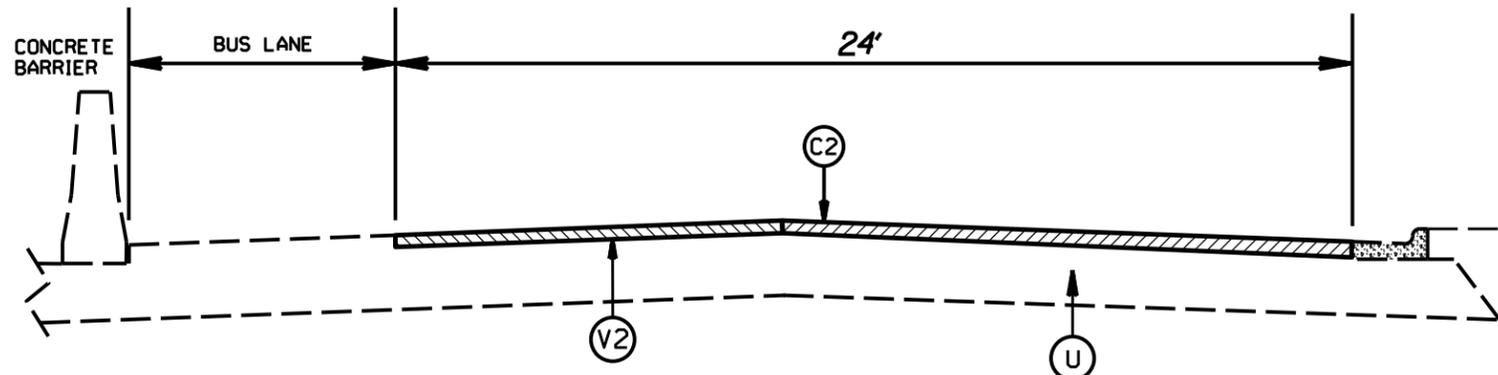
| PAVEMENT SCHEDULE | |
|-------------------|--|
| C1 | PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD. |
| C2 | PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD. |
| C3 | PROP. APPROX. 1.25" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 137.5 LBS. PER SQ. YD. |
| C4 | PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD. |
| C5 | PROP. ASPHALT SURFACE TREATMENT, DOUBLE SEAL, MATCOAT #78, AT AN AVERAGE RATE OF 10 TO 18 LBS. PER SQ. YD. (STONE) AND 0.25 TO 0.30 GALLONS PER SQ. YD. (LIQUID ASPHALT) |
| F | PROPOSED FULL DEPTH RECLAMATION AT A DEPTH OF 12 INCHES WITH PORTLAND CEMENT TREATED BASE AT AN AVERAGE RATE OF 65 LBS/SY |
| J | ABC STONE 12" DEPTH |
| T1 | SHOULDER RECONSTRUCTION |
| U | EXISTING PAVEMENT |
| V1 | MILLING 1.5" DEPTH |
| V2 | MILLING 2.0" DEPTH |
| V3 | PROFILE MILLING 0" TO 1.5" |
| V4 | INCIDENTAL MILLING |

EB & WB ALBEMARLE ROAD



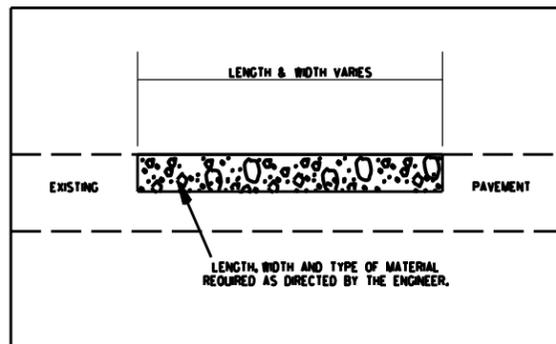
TYPICAL SECTION NO. 1

ALBEMARLE ROAD



TYPICAL SECTION NO. 2

PATCHING DETAIL



2023 MECKLENBURG COUNTY
RESURFACING CONTRACT 3

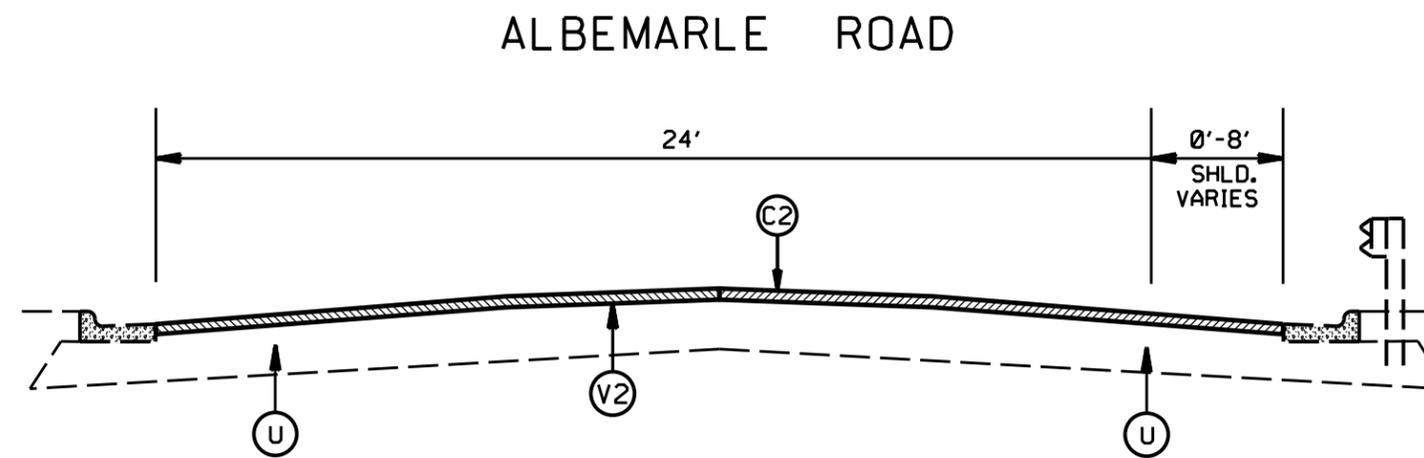
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| SCALE | -NA- |
| DATE | 1/23 |
| DWG. BY | JHE |
| DESIGN BY | JHE |
| APPROVED | |



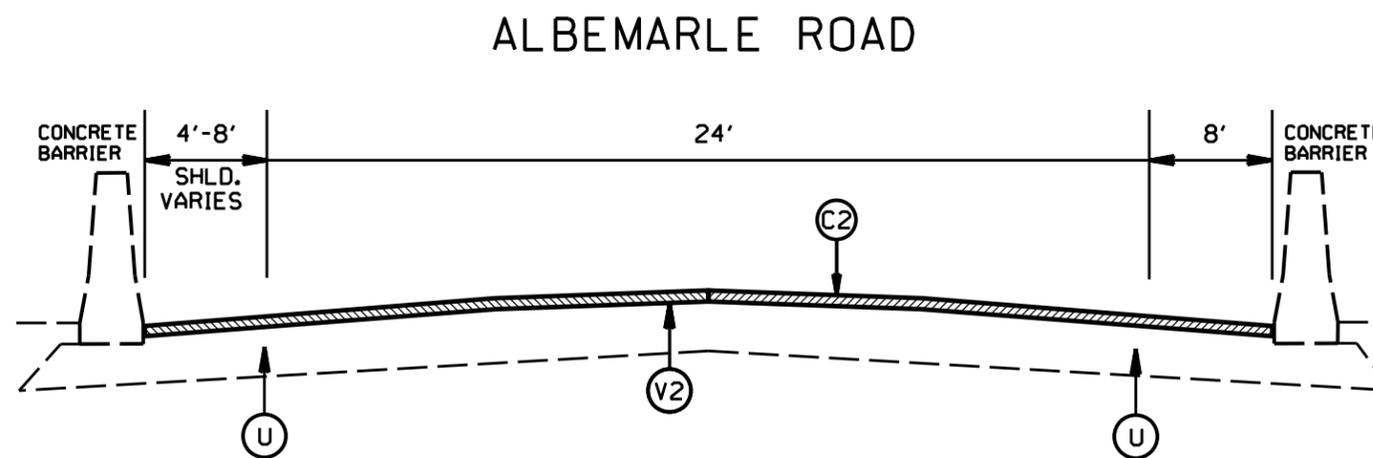
| REVISIONS | |
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| STATE | PROJECT NO. | SHEET NO. | TOTAL SHEETS |
|---------|---|-----------|--------------|
| N.C. | | | |
| WBS NO. | 2023CPT.J0.09.J0601 2023CPT.J0.09.20601 2023CPT.J0.09.20602 | | FDR |

| PAVEMENT SCHEDULE | |
|-------------------|--|
| C1 | PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD. |
| C2 | PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD. |
| C3 | PROP. APPROX. 1.25" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 137.5 LBS. PER SQ. YD. |
| C4 | PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD. |
| C5 | PROP. ASPHALT SURFACE TREATMENT, DOUBLE SEAL, MATCOAT #78, AT AN AVERAGE RATE OF 10 TO 18 LBS. PER SQ. YD. (STONE) AND 0.25 TO 0.30 GALLONS PER SQ. YD. (LIQUID ASPHALT) |
| F | PROPOSED FULL DEPTH RECLAMATION AT A DEPTH OF 12 INCHES WITH PORTLAND CEMENT TREATED BASE AT AN AVERAGE RATE OF 65 LBS/SY |
| J | ABC STONE 12" DEPTH |
| T1 | SHOULDER RECONSTRUCTION |
| U | EXISTING PAVEMENT |
| V1 | MILLING 1.5" DEPTH |
| V2 | MILLING 2.0" DEPTH |
| V3 | PROFILE MILLING 0" TO 1.5" |
| V4 | INCIDENTAL MILLING |

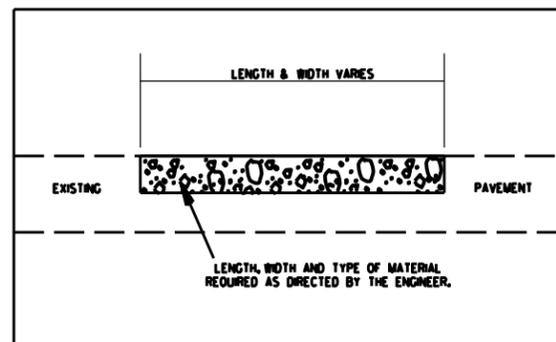


TYPICAL SECTION NO. 3



TYPICAL SECTION NO. 4

PATCHING DETAIL



2023 MECKLENBURG COUNTY
RESURFACING CONTRACT 3

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| SCALE | -NA- |
| DATE | 1/23 |
| DWG. BY | JHE |
| DESIGN BY | JHE |
| APPROVED | |

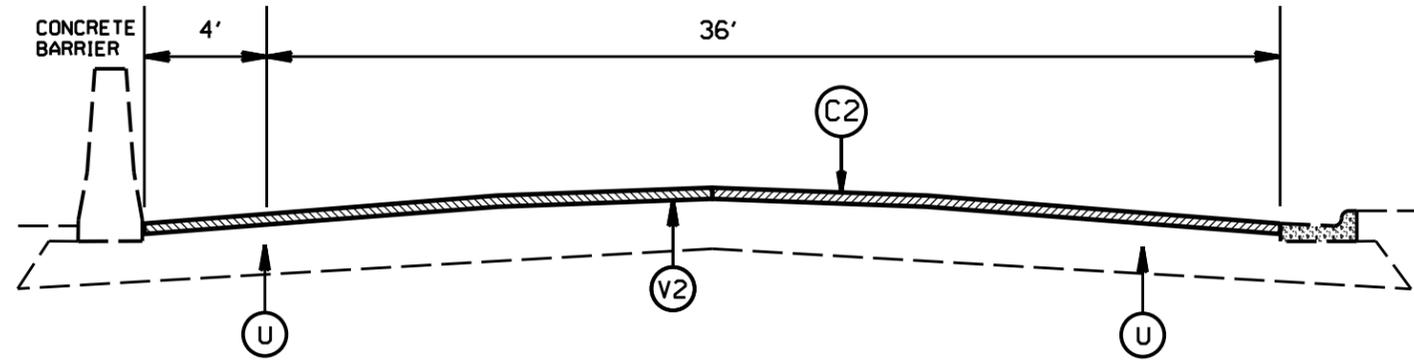


| REVISIONS | |
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| STATE | PROJECT NO. | SHEET NO. | TOTAL SHEETS |
|---------|---|-----------|--------------|
| N.C. | | | |
| WBS NO. | 2023CPT.J0.09.J0601 2023CPT.J0.09.20601 2023CPT.J0.09.20602 | | FDR |

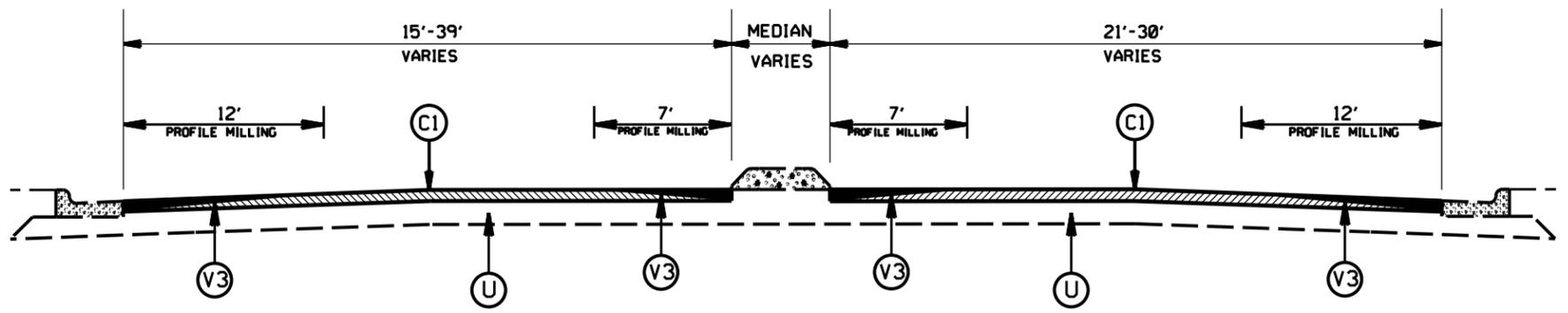
| PAVEMENT SCHEDULE | |
|-------------------|--|
| C1 | PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD. |
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| C3 | PROP. APPROX. 1.25" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 137.5 LBS. PER SQ. YD. |
| C4 | PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD. |
| C5 | PROP. ASPHALT SURFACE TREATMENT, DOUBLE SEAL, MATCOAT #78, AT AN AVERAGE RATE OF 10 TO 18 LBS. PER SQ. YD. (STONE) AND 0.25 TO 0.30 GALLONS PER SQ. YD. (LIQUID ASPHALT) |
| F | PROPOSED FULL DEPTH RECLAMATION AT A DEPTH OF 12 INCHES WITH PORTLAND CEMENT TREATED BASE AT AN AVERAGE RATE OF 65 LBS/SY |
| J | ABC STONE 12" DEPTH |
| T1 | SHOULDER RECONSTRUCTION |
| U | EXISTING PAVEMENT |
| V1 | MILLING 1.5" DEPTH |
| V2 | MILLING 2.0" DEPTH |
| V3 | PROFILE MILLING 0" TO 1.5" |
| V4 | INCIDENTAL MILLING |

ALBEMARLE ROAD



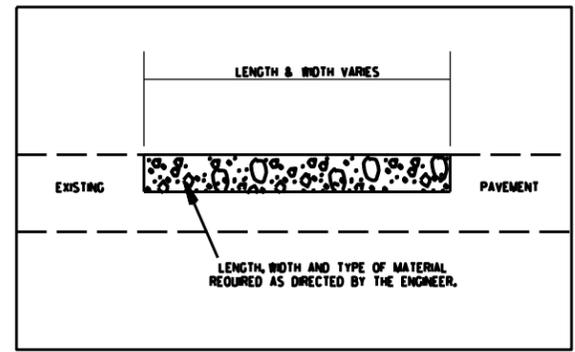
TYPICAL SECTION NO. 5

MT. HOLLY HUNTERSVILLE ROAD



TYPICAL SECTION NO. 6

PATCHING DETAIL



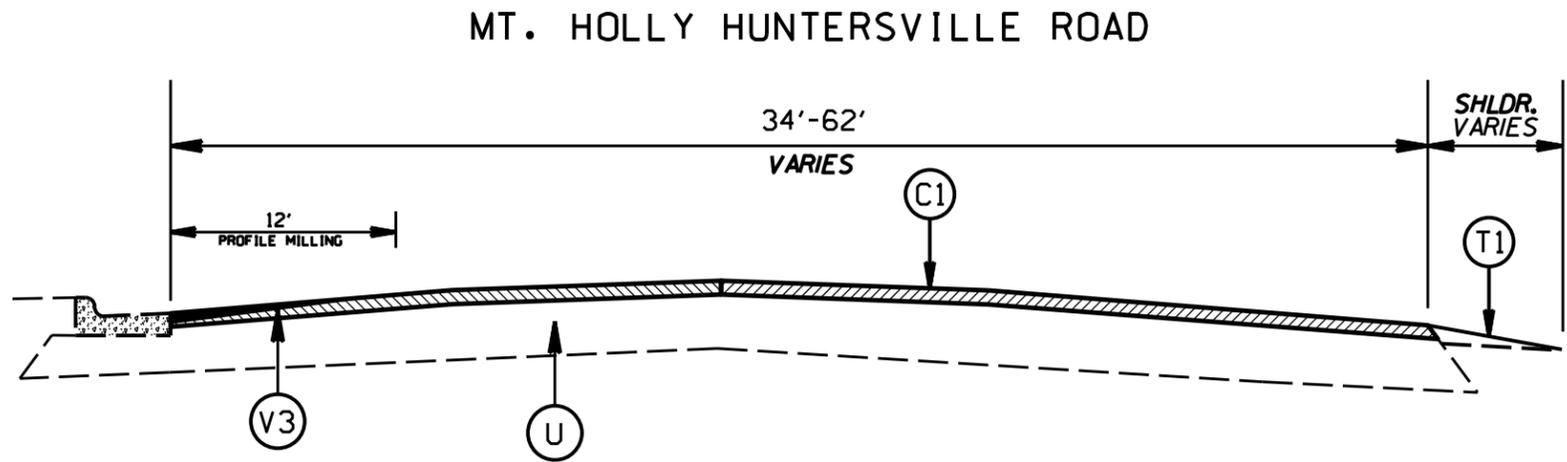
2023 MECKLENBURG COUNTY
RESURFACING CONTRACT 3

| SCALE | DATE | DESIGN BY | APPROVED | REVISIONS |
|-------|------|-----------|----------|-----------|
| -NA- | 1/23 | JHE | | |
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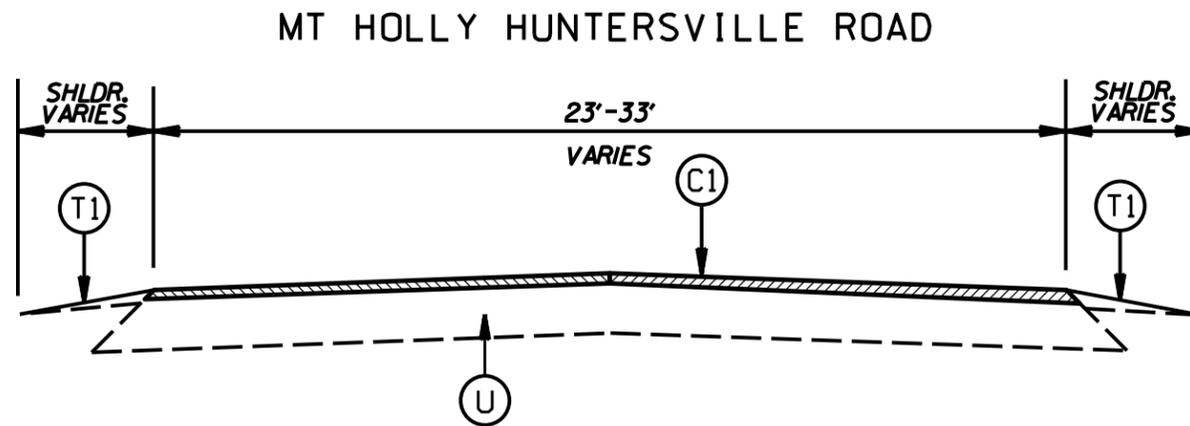


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| STATE | PROJECT NO. | SHEET NO. | TOTAL SHEETS |
| N.C. | | | |
| WBS NO. | 2023CPT.J0.09.I0601 2023CPT.J0.09.20601 2023CPT.J0.09.20602 | FDR | |

| PAVEMENT SCHEDULE | |
|-------------------|--|
| C1 | PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD. |
| C2 | PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD. |
| C3 | PROP. APPROX. 1.25" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 137.5 LBS. PER SQ. YD. |
| C4 | PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD. |
| C5 | PROP. ASPHALT SURFACE TREATMENT, DOUBLE SEAL, MATCOAT #78, AT AN AVERAGE RATE OF 10 TO 18 LBS. PER SQ. YD. (STONE) AND 0.25 TO 0.30 GALLONS PER SQ. YD. (LIQUID ASPHALT) |
| F | PROPOSED FULL DEPTH RECLAMATION AT A DEPTH OF 12 INCHES WITH PORTLAND CEMENT TREATED BASE AT AN AVERAGE RATE OF 65 LBS/SY |
| J | ABC STONE 12" DEPTH |
| T1 | SHOULDER RECONSTRUCTION |
| U | EXISTING PAVEMENT |
| V1 | MILLING 1.5" DEPTH |
| V2 | MILLING 2.0" DEPTH |
| V3 | PROFILE MILLING 0" TO 1.5" |
| V4 | INCIDENTAL MILLING |

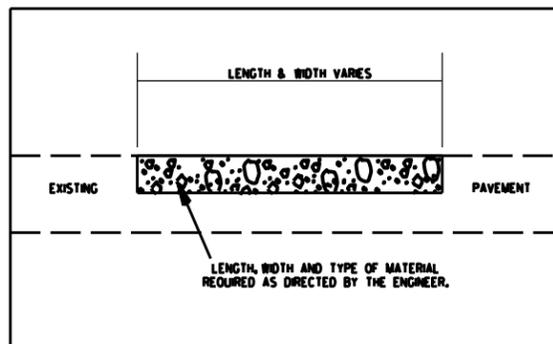


TYPICAL SECTION NO. 7



TYPICAL SECTION NO. 8

PATCHING DETAIL

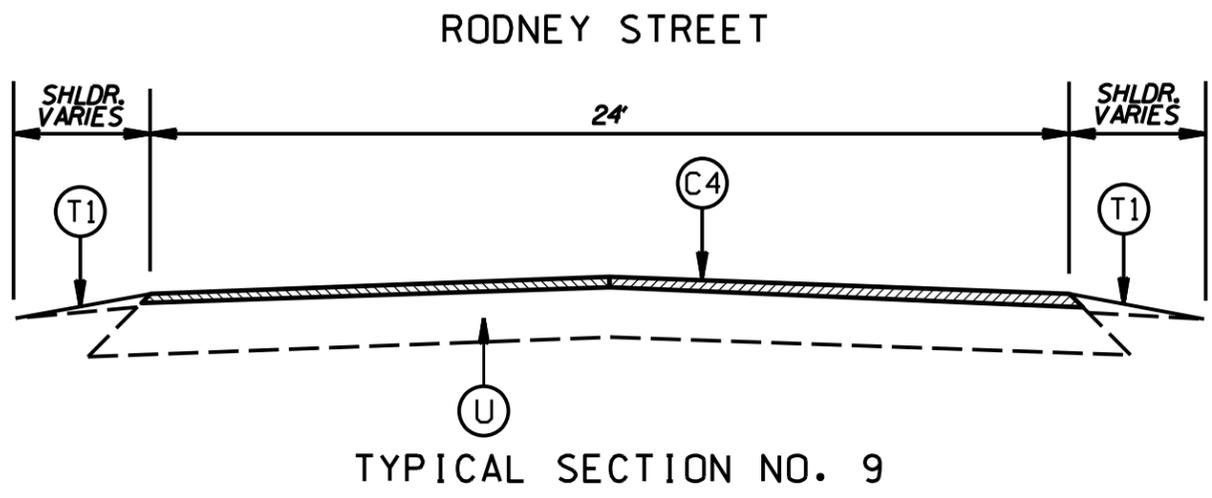
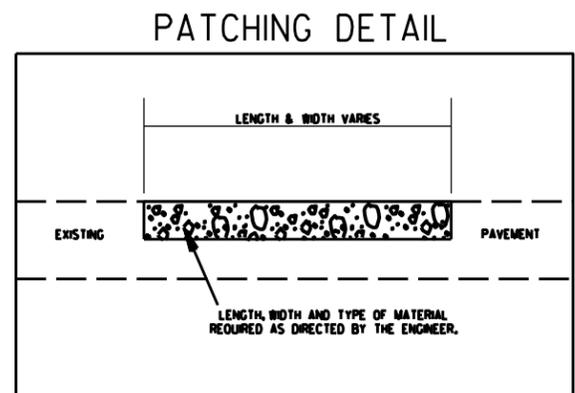


2023 MECKLENBURG COUNTY
RESURFACING CONTRACT 3

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| SCALE | -NA- | | REVISIONS |
| DATE | 1/23 | | |
| DWG. BY | JHE | | |
| DESIGN BY | JHE | | |
| APPROVED | | | |

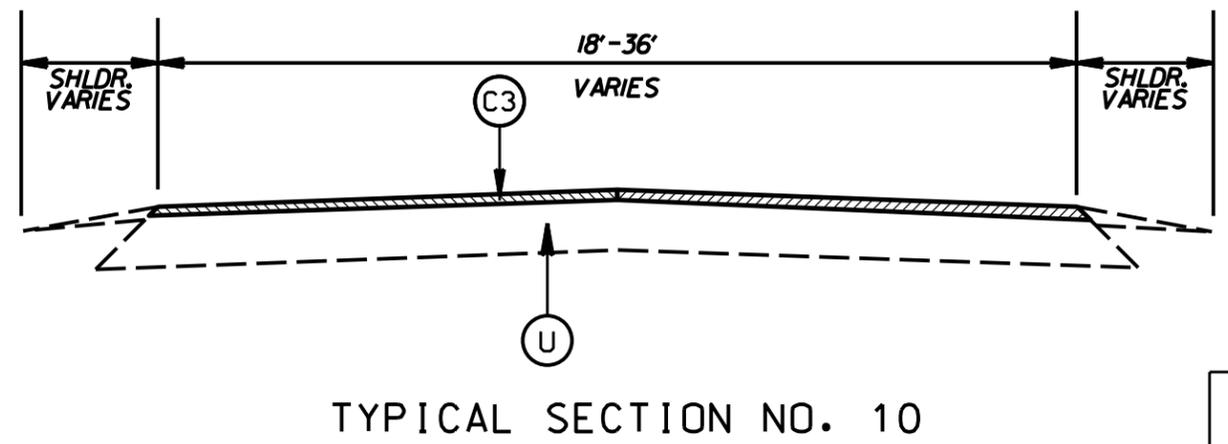
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| STATE | PROJECT NO. | SHEET NO. | TOTAL SHEETS |
| N.C. | | | |
| WBS NO. | 2023CPT.J0.09.J0601 2023CPT.J0.09.20601 2023CPT.J0.09.20602 | FDR | |

| PAVEMENT SCHEDULE | |
|-------------------|--|
| C1 | PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD. |
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| C3 | PROP. APPROX. 1.25" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 137.5 LBS. PER SQ. YD. |
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| C5 | PROP. ASPHALT SURFACE TREATMENT, DOUBLE SEAL, MATCOAT #78, AT AN AVERAGE RATE OF 10 TO 18 LBS. PER SQ. YD. (STONE) AND 0.25 TO 0.30 GALLONS PER SQ. YD. (LIQUID ASPHALT) |
| F | PROPOSED FULL DEPTH RECLAMATION AT A DEPTH OF 12 INCHES WITH PORTLAND CEMENT TREATED BASE AT AN AVERAGE RATE OF 65 LBS/SY |
| J | ABC STONE 12" DEPTH |
| T1 | SHOULDER RECONSTRUCTION |
| U | EXISTING PAVEMENT |
| V1 | MILLING 1.5" DEPTH |
| V2 | MILLING 2.0" DEPTH |
| V3 | PROFILE MILLING 0" TO 1.5" |
| V4 | INCIDENTAL MILLING |



(ROYAL OAKS SUBDIVISION)

MAJESTIC OAK DRIVE
HICKORY VIEW LANE
CROOKED BRANCH LANE
LONESOME OAK CIRCLE

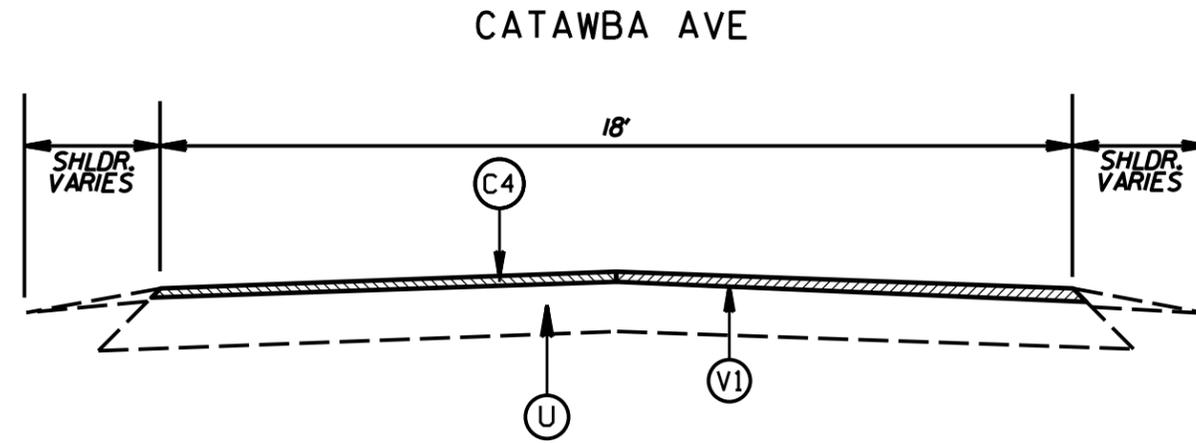


**2023 MECKLENBURG COUNTY
RESURFACING CONTRACT 3**

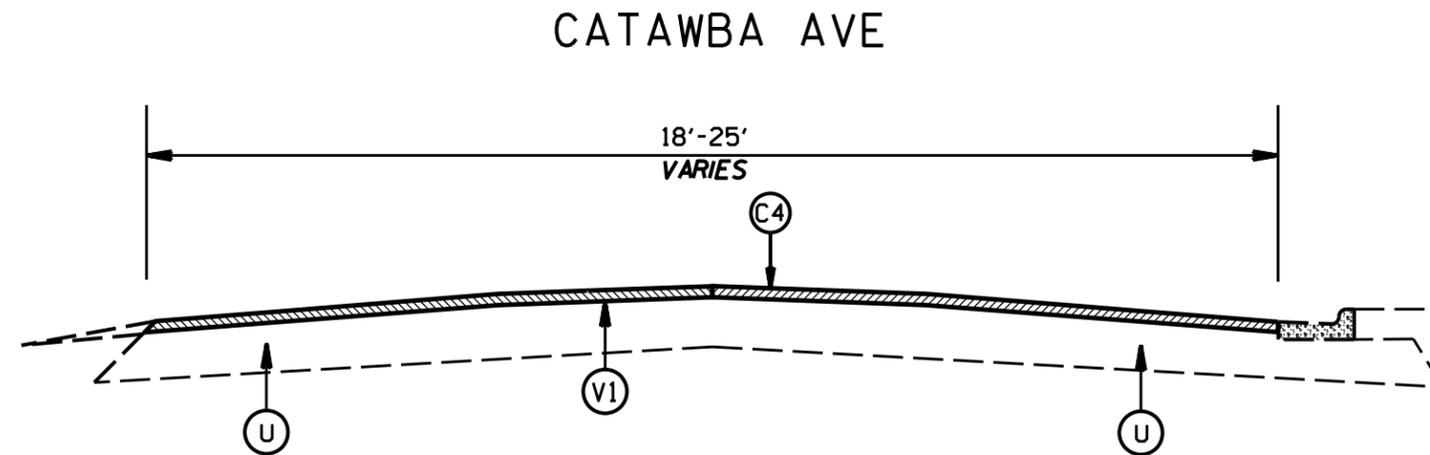
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|-----------|------|--|-----------|
| SCALE | -NA- | | REVISIONS |
| DATE | 1/23 | | |
| DWG. BY | JHE | | |
| DESIGN BY | JHE | | |
| APPROVED | | | |

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|---------|---|-----------|--------------|
| STATE | PROJECT NO. | SHEET NO. | TOTAL SHEETS |
| N.C. | | | |
| WBS NO. | 2023CPT.J0.09.J0601 2023CPT.J0.09.20601 2023CPT.J0.09.20602 | | FDR |

| PAVEMENT SCHEDULE | |
|-------------------|--|
| C1 | PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD. |
| C2 | PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD. |
| C3 | PROP. APPROX. 1.25" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 137.5 LBS. PER SQ. YD. |
| C4 | PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD. |
| C5 | PROP. ASPHALT SURFACE TREATMENT, DOUBLE SEAL, MATCOAT #78, AT AN AVERAGE RATE OF 10 TO 18 LBS. PER SQ. YD. (STONE) AND 0.25 TO 0.30 GALLONS PER SQ. YD. (LIQUID ASPHALT) |
| F | PROPOSED FULL DEPTH RECLAMATION AT A DEPTH OF 12 INCHES WITH PORTLAND CEMENT TREATED BASE AT AN AVERAGE RATE OF 65 LBS/SY |
| J | ABC STONE 12" DEPTH |
| T1 | SHOULDER RECONSTRUCTION |
| U | EXISTING PAVEMENT |
| V1 | MILLING 1.5" DEPTH |
| V2 | MILLING 2.0" DEPTH |
| V3 | PROFILE MILLING 0" TO 1.5" |
| V4 | INCIDENTAL MILLING |

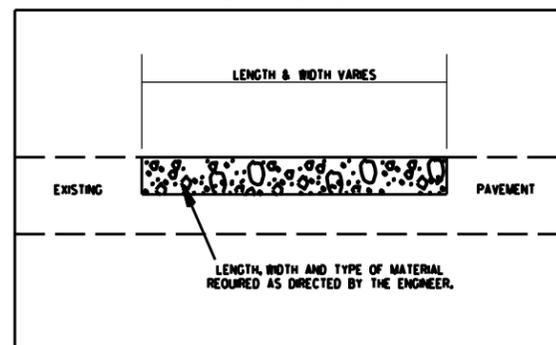


TYPICAL SECTION NO. 11



TYPICAL SECTION NO. 12

PATCHING DETAIL



2023 MECKLENBURG COUNTY
RESURFACING CONTRACT 3

| | |
|-----------|------|
| SCALE | -NA- |
| DATE | 1/23 |
| DWG. BY | JHE |
| DESIGN BY | JHE |
| APPROVED | |

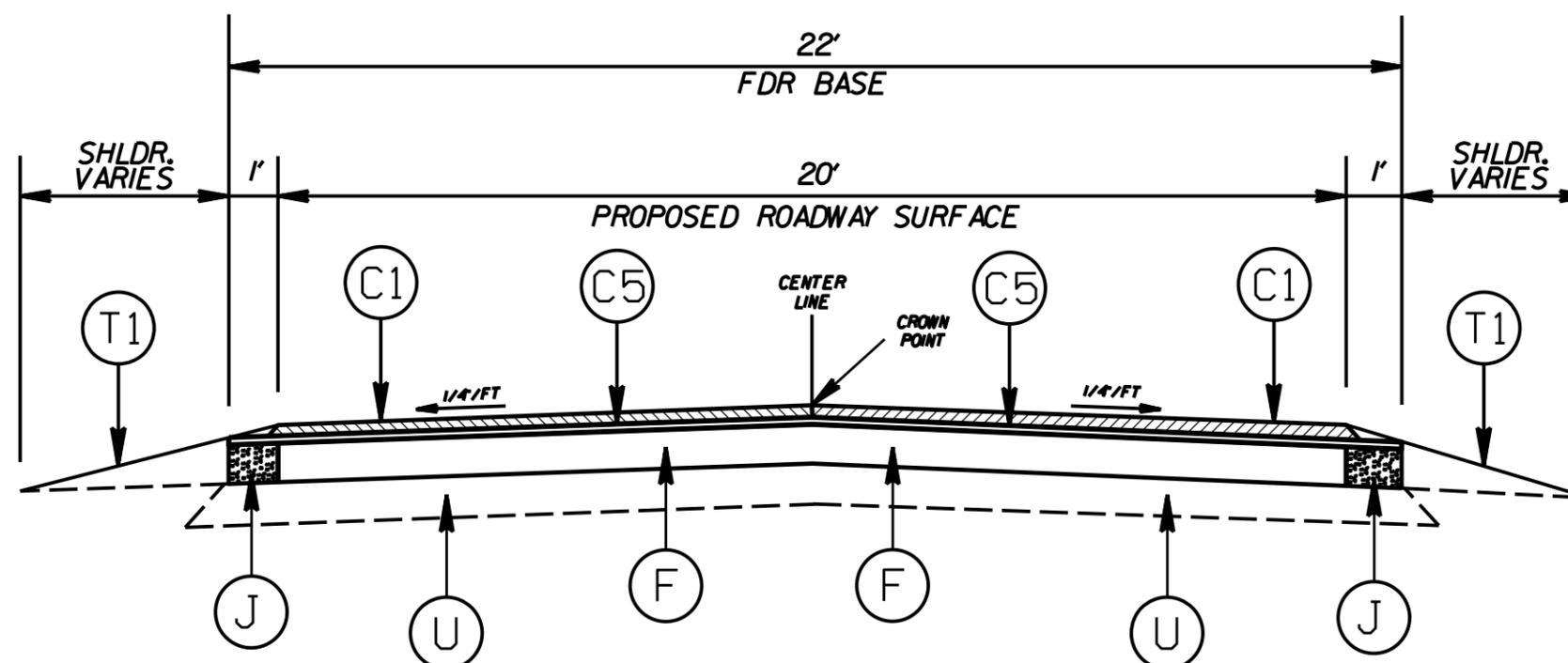


| REVISIONS | |
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| | | | |
|---------|---|-----------|--------------|
| STATE | PROJECT NO. | SHEET NO. | TOTAL SHEETS |
| N.C. | | | |
| WBS NO. | 2023CPT.10.09.10601 2023CPT.10.09.20601 2023CPT.10.09.20602 | | FDR |

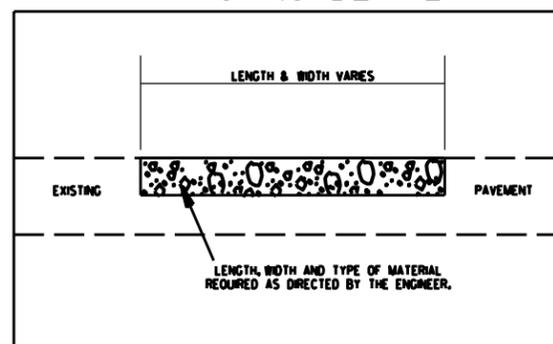
| PAVEMENT SCHEDULE | |
|-------------------|--|
| C1 | PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD. |
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| C4 | PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD. |
| C5 | PROP. ASPHALT SURFACE TREATMENT, DOUBLE SEAL, MATCOAT #78, AT AN AVERAGE RATE OF 10 TO 18 LBS. PER SQ. YD. (STONE) AND 0.25 TO 0.30 GALLONS PER SQ. YD. (LIQUID ASPHALT) |
| F | PROPOSED FULL DEPTH RECLAMATION AT A DEPTH OF 12 INCHES WITH PORTLAND CEMENT TREATED BASE AT AN AVERAGE RATE OF 65 LBS/SY |
| J | ABC STONE 12" DEPTH |
| T1 | SHOULDER RECONSTRUCTION |
| U | EXISTING PAVEMENT |
| V1 | MILLING 1.5" DEPTH |
| V2 | MILLING 2.0" DEPTH |
| V3 | PROFILE MILLING 0" TO 1.5" |
| V4 | INCIDENTAL MILLING |

HAYMARKET ROAD



TYPICAL SECTION NO. 13

PATCHING DETAIL



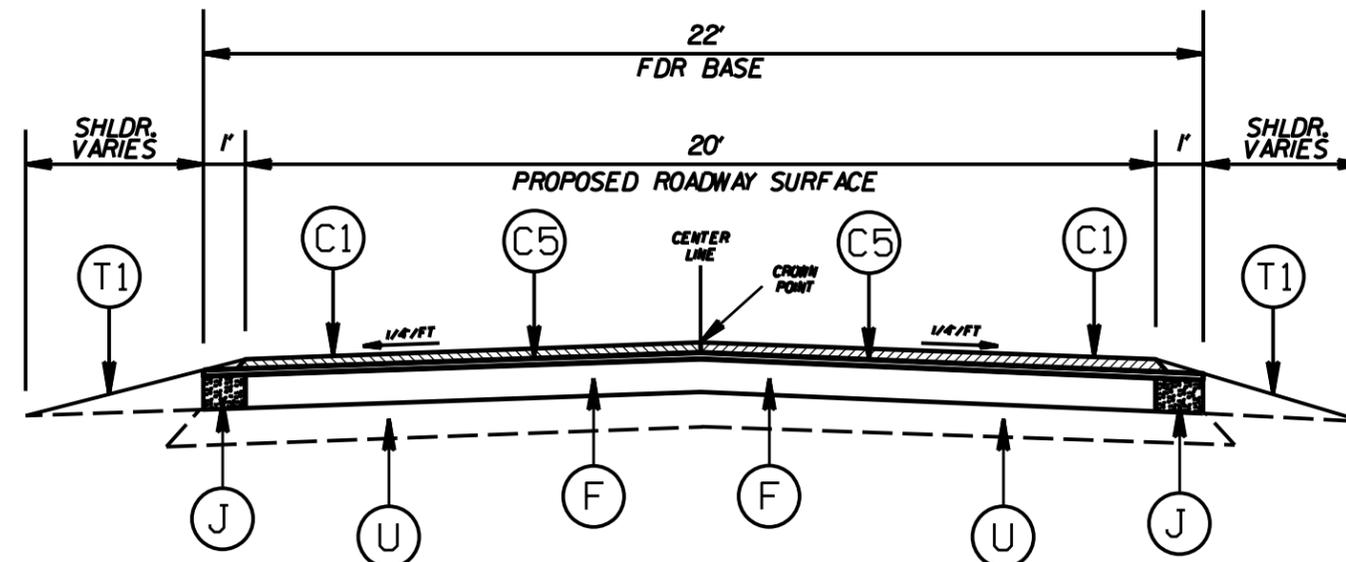
2023 MECKLENBURG COUNTY
RESURFACING CONTRACT 3

| | | | |
|-----------|------|---|-----------|
| SCALE | -NA- |  | REVISIONS |
| DATE | 1/23 | | |
| DWG. BY | JME | | |
| DESIGN BY | JME | | |
| APPROVED | | | |

| STATE | PROJECT NO. | SHEET NO. | TOTAL SHEETS |
|---------|---|-----------|--------------|
| N.C. | | | |
| WBS NO. | 2023CPT.10.09.10601 2023CPT.10.09.20601 2023CPT.10.09.20602 | | FDR |

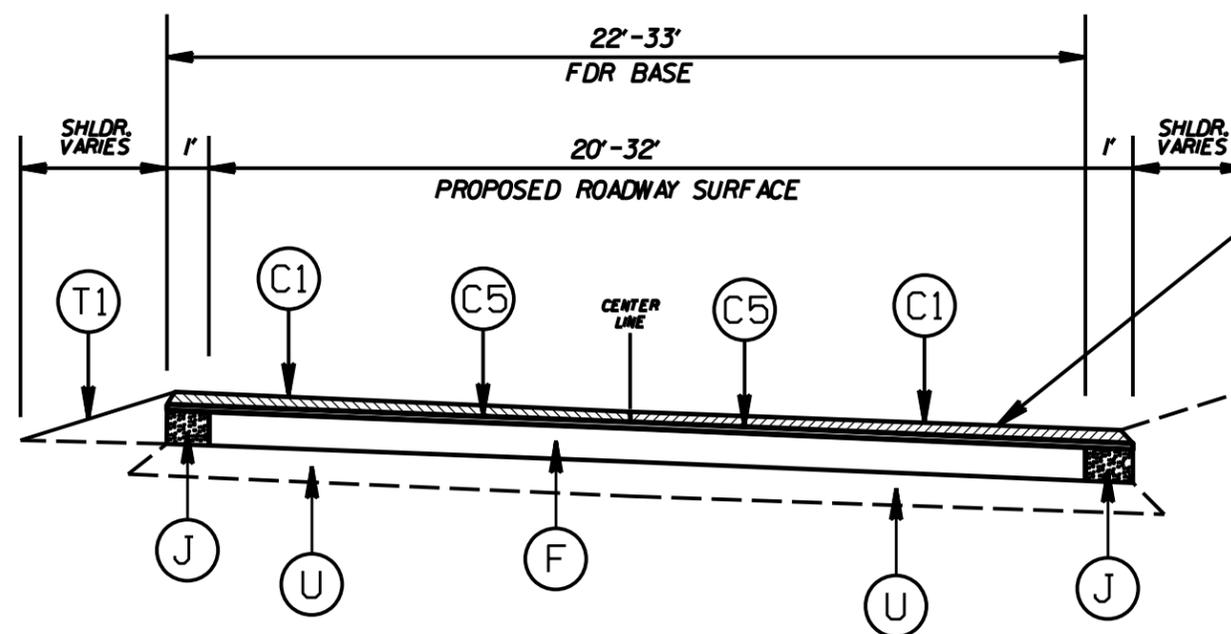
| PAVEMENT SCHEDULE | |
|-------------------|--|
| C1 | PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD. |
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| J | ABC STONE 12" DEPTH |
| T1 | SHOULDER RECONSTRUCTION |
| U | EXISTING PAVEMENT |
| V1 | MILLING 1.5" DEPTH |
| V2 | MILLING 2.0" DEPTH |
| V3 | PROFILE MILLING 0" TO 1.5" |
| V4 | INCIDENTAL MILLING |

NANCE COVE ROAD



TYPICAL SECTION NO. 14

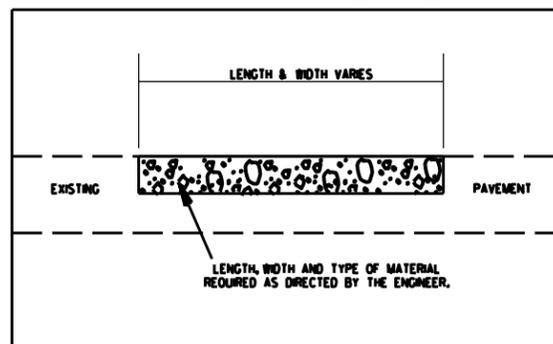
NANCE COVE ROAD



TYPICAL SECTION NO. 15

NOTE:
SUPER ELEVATION FOR CURVE VARIES FROM 1% TO 6% SEE AERIAL PHOTO FOR APPROXIMATE LOCATIONS, PERCENT SLOPES, AND WIDTHS.

PATCHING DETAIL



2023 MECKLENBURG COUNTY
RESURFACING CONTRACT 3

| | |
|-----------|------|
| SCALE | -NA- |
| DATE | 1/23 |
| DWG. BY | JME |
| DESIGN BY | JME |
| APPROVED | |

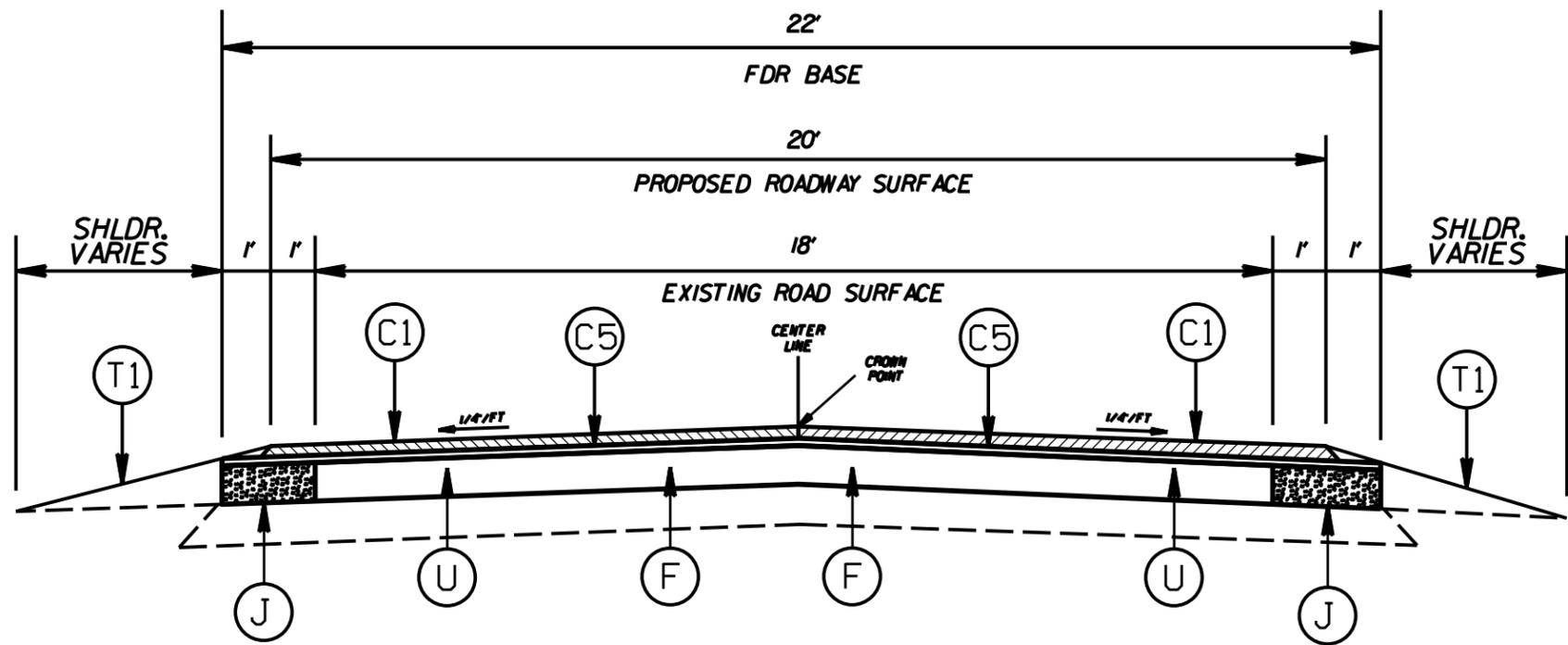


| REVISIONS | |
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|---------|---|-----------|--------------|
| STATE | PROJECT NO. | SHEET NO. | TOTAL SHEETS |
| N.C. | | | |
| WBS NO. | 2023CPT.JO.09.I0601 2023CPT.JO.09.20601 2023CPT.JO.09.20602 | FDR | |

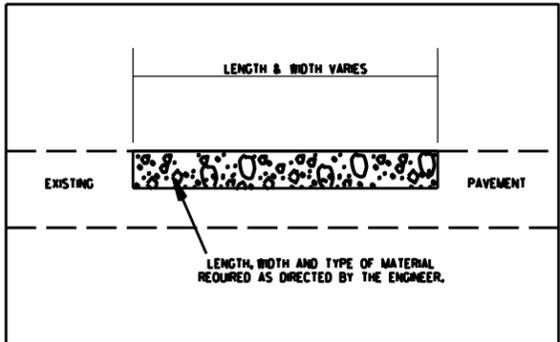
| PAVEMENT SCHEDULE | |
|-------------------|--|
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| C5 | PROP. ASPHALT SURFACE TREATMENT, DOUBLE SEAL, MATCOAT #78, AT AN AVERAGE RATE OF 10 TO 18 LBS. PER SQ. YD. (STONE) AND 0.25 TO 0.30 GALLONS PER SQ. YD. (LIQUID ASPHALT) |
| F | PROPOSED FULL DEPTH RECLAMATION AT A DEPTH OF 12 INCHES WITH PORTLAND CEMENT TREATED BASE AT AN AVERAGE RATE OF 65 LBS/SY |
| J | ABC STONE 12" DEPTH |
| T1 | SHOULDER RECONSTRUCTION |
| U | EXISTING PAVEMENT |
| V1 | MILLING 1.5" DEPTH |
| V2 | MILLING 2.0" DEPTH |
| V3 | PROFILE MILLING 0" TO 1.5" |
| V4 | INCIDENTAL MILLING |

INDIAN TRAIL ROAD



TYPICAL SECTION NO. 16

PATCHING DETAIL

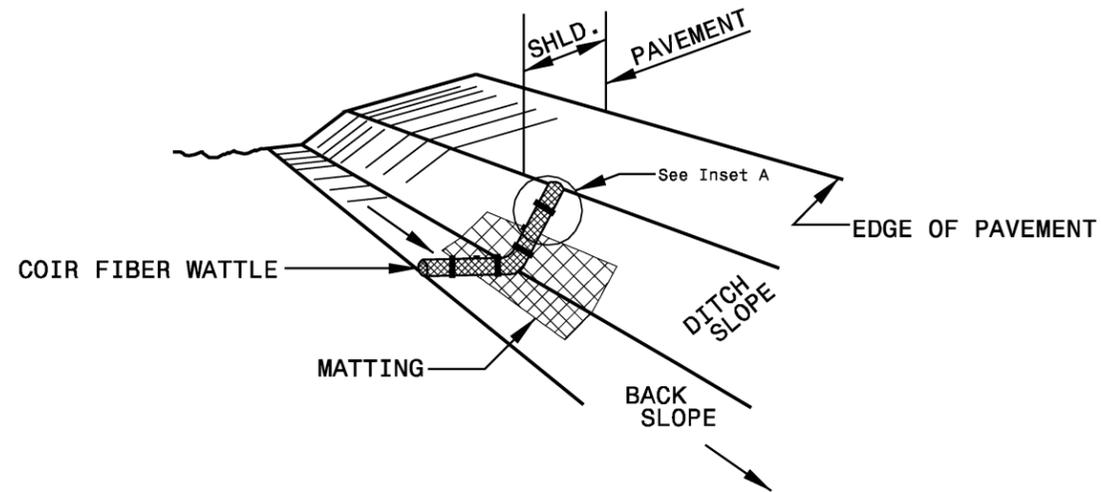


2023 MECKLENBURG COUNTY
RESURFACING CONTRACT 3

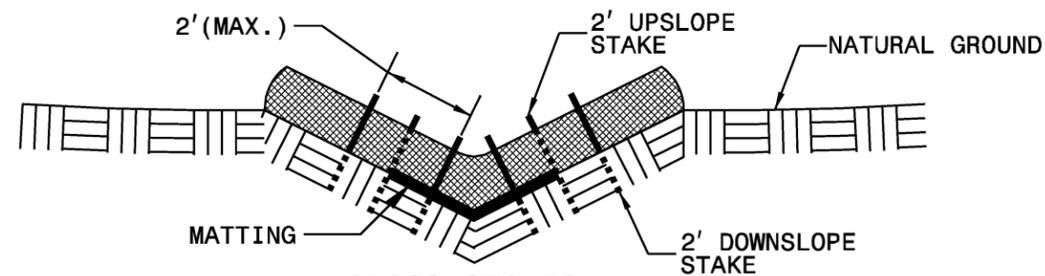
| | | | | |
|-----------|------|---|-----------|--|
| SCALE | -NA- |  | REVISIONS | |
| DATE | 1/23 | | | |
| DWG. BY | JME | | | |
| DESIGN BY | JME | | | |
| APPROVED | | | | |

COIR FIBER WATTLE WITH POLYACRYLAMIDE (PAM) DETAIL

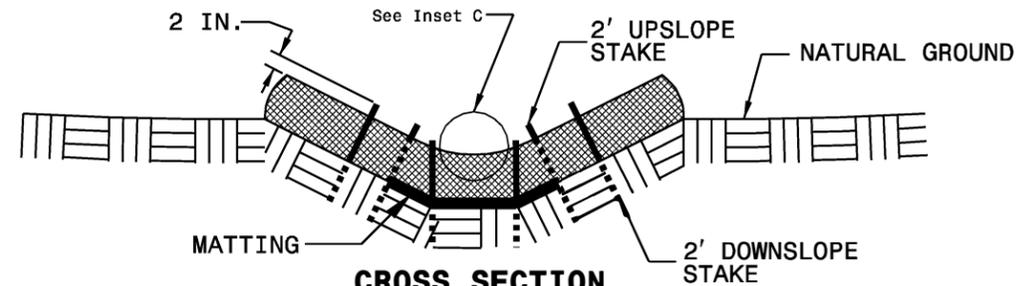
| | |
|-------------------------|---------------------|
| PROJECT REFERENCE NO. | SHEET NO. |
| RW. SHEET NO. | |
| ROADWAY DESIGN ENGINEER | HYDRAULICS ENGINEER |



ISOMETRIC VIEW



CROSS SECTION VEE DITCH



CROSS SECTION TRAPEZOIDAL DITCH

NOTES:

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

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

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

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

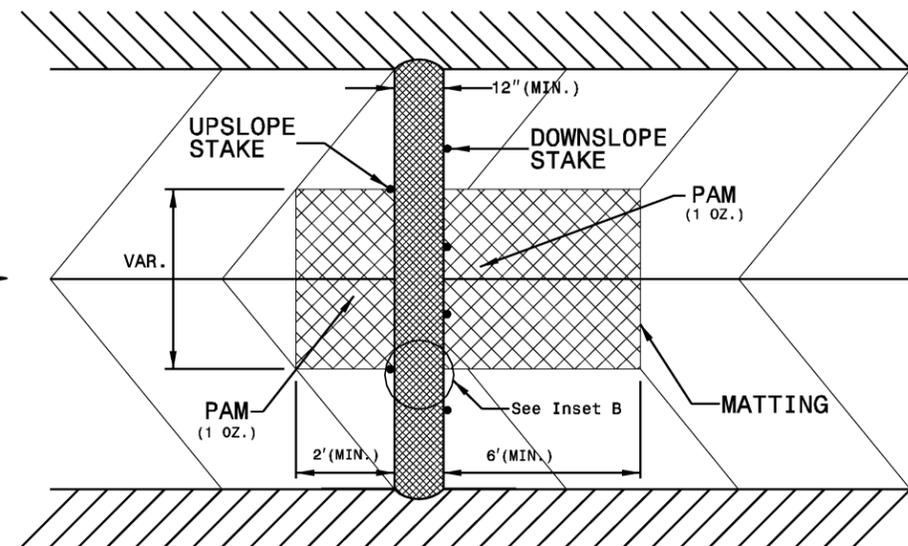
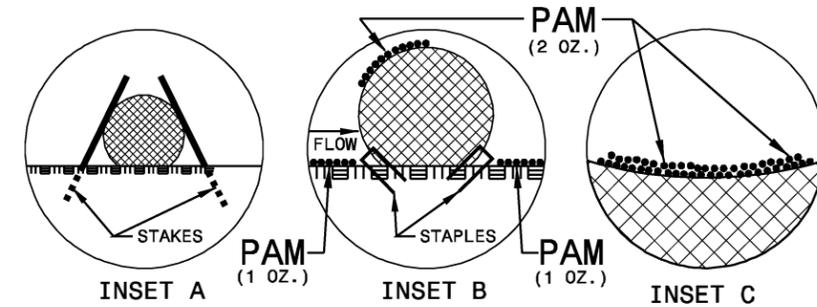
PROVIDE STAPLES MADE OF 0.125 IN. DIAMETER STEEL WIRE FORMED INTO A U SHAPE NOT LESS THAN 12" IN LENGTH.

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

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

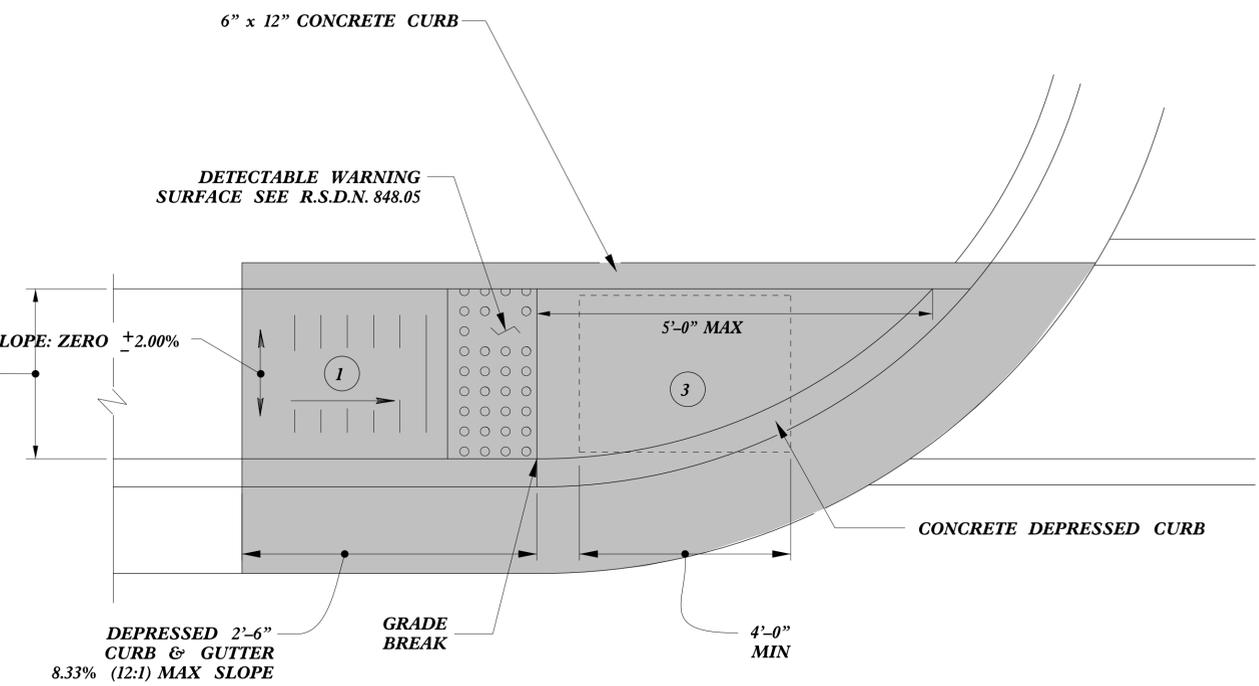
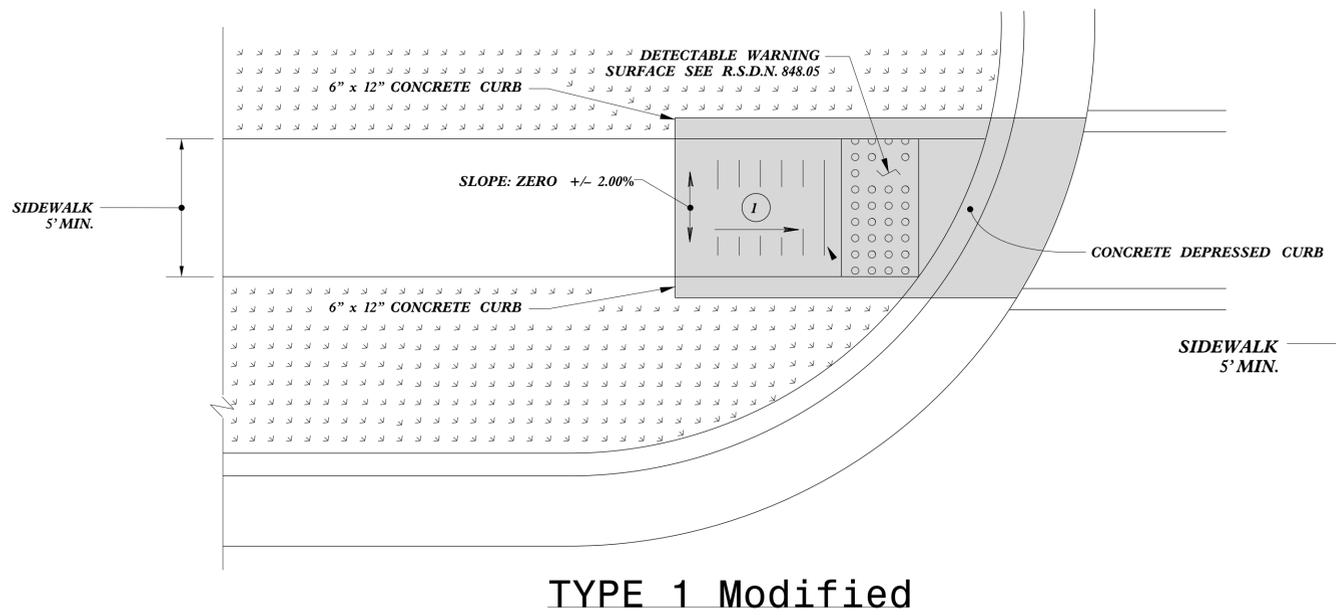
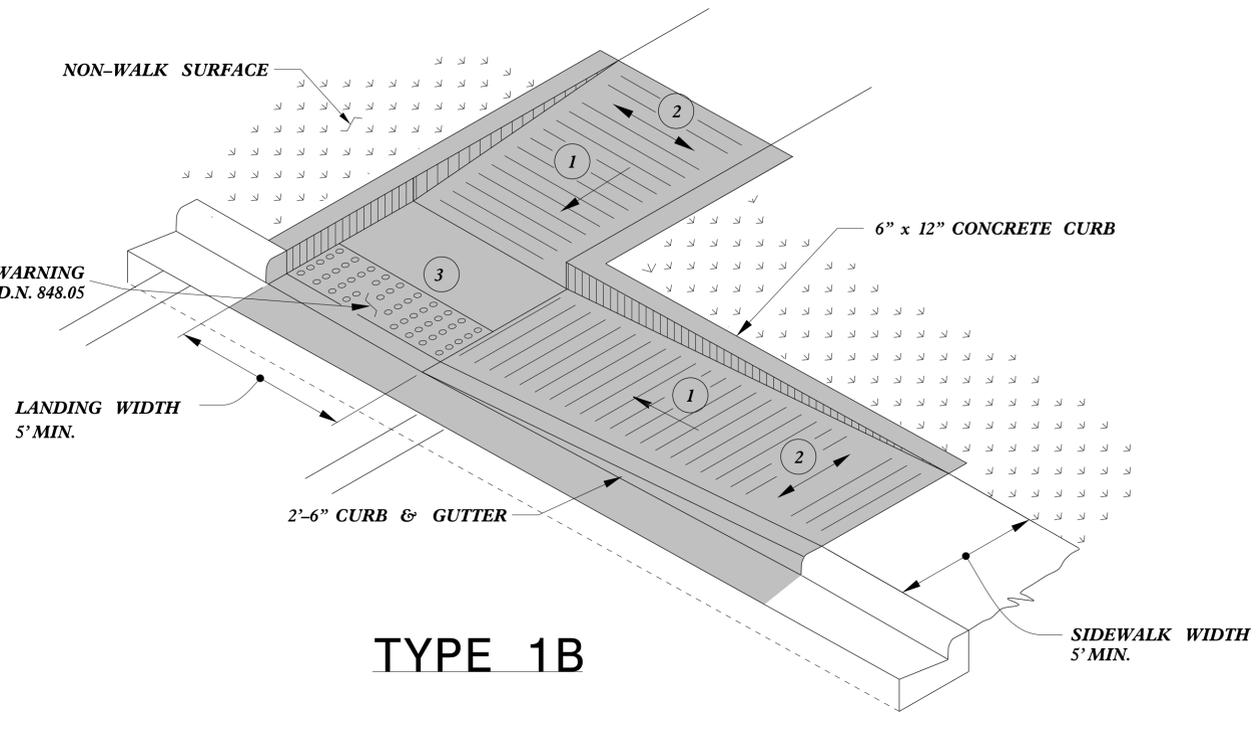
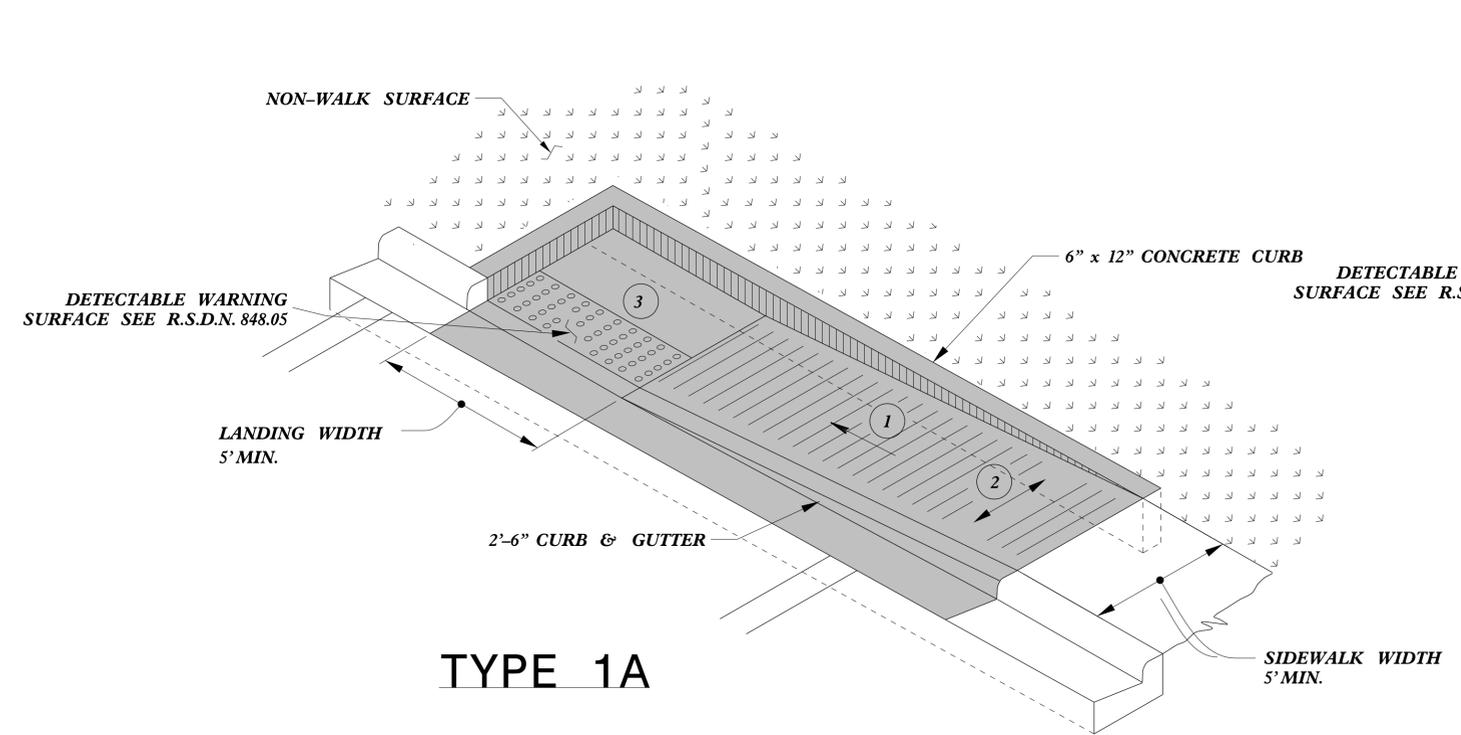
PRIOR TO POLYACRYLAMIDE (PAM) APPLICATION, OBTAIN A SOIL SAMPLE FROM PROJECT LOCATION, AND FROM OFFSITE MATERIAL, AND ANALYZE FOR APPROPRIATE PAM FLOCCULANT TO BE APPLIED TO EACH WATTLE.

INITIALLY APPLY 2 OUNCES OF ANIONIC OR NEUTRALLY CHARGED PAM OVER WATTLE WHERE WATER WILL FLOW AND 1 OUNCE OF PAM ON MATTING ON EACH SIDE OF WATTLE. REAPPLY PAM AFTER EVERY RAINFALL EVENT THAT IS EQUAL TO OR EXCEEDS 0.50 IN.



TOP VIEW

5/14/99



- 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.



PAY LIMITS FOR 1 CURB RAMP

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

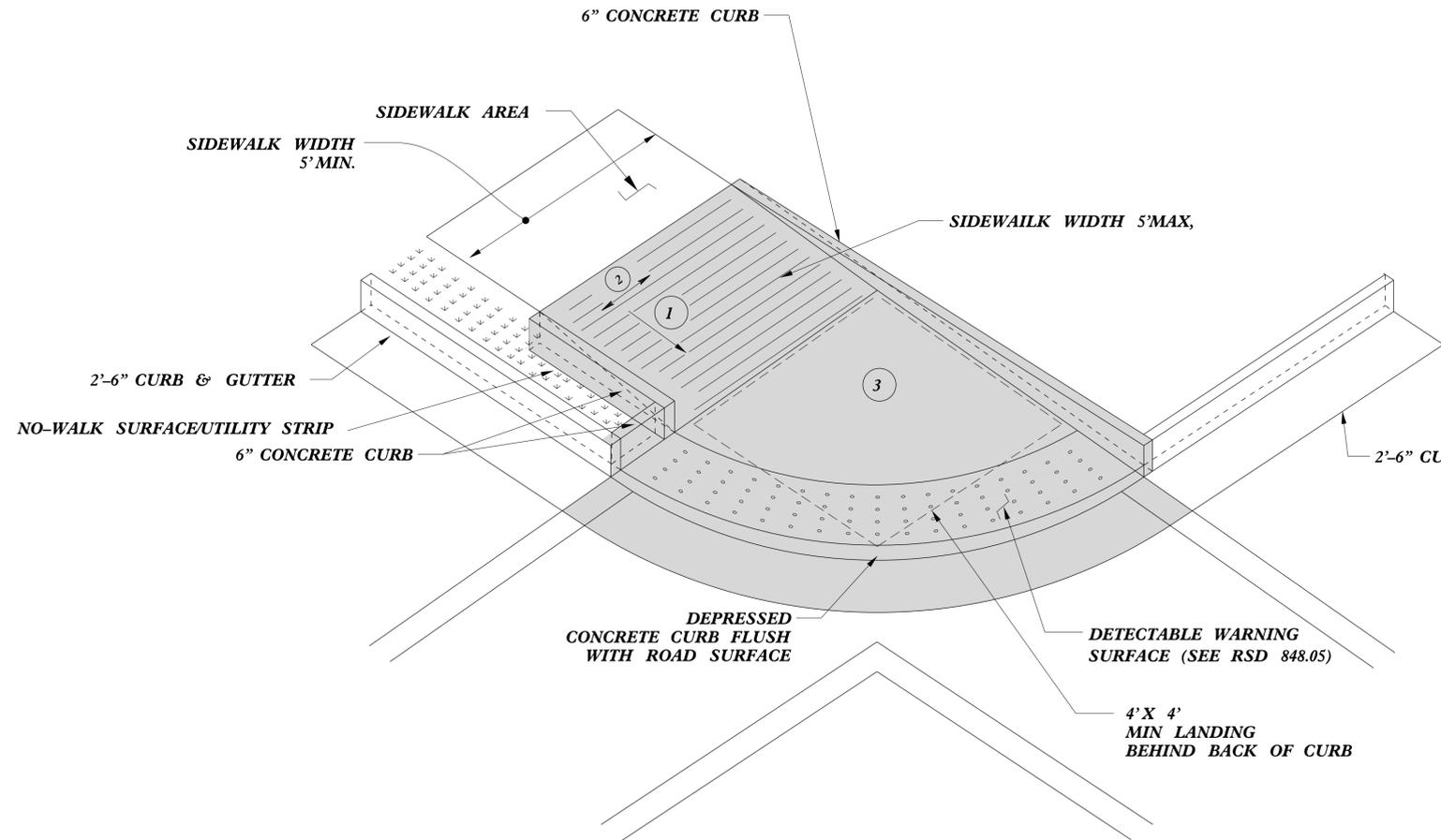


DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

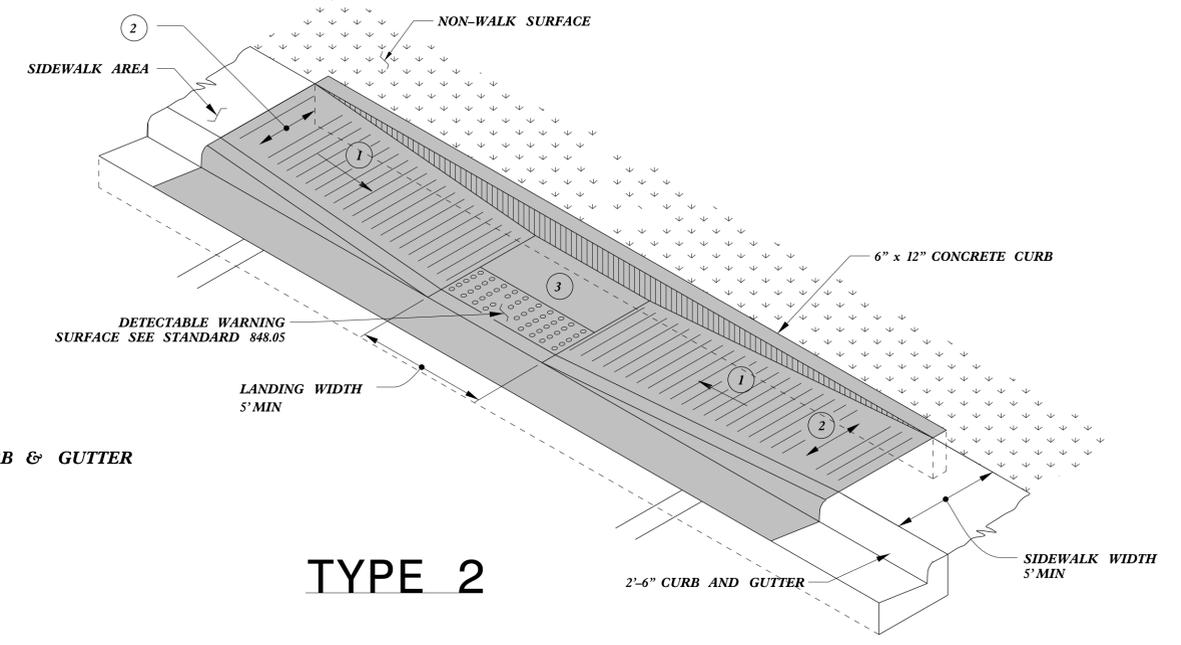
| | |
|--|------------------|
| CONTRACT STANDARDS AND DEVELOPMENT UNIT | |
| Office 919-707-6950 | FAX 919-250-4119 |
| CURB RAMPS | |
| Directional Ramps | |
| ORIGINAL BY: J.S. HOWERTON | DATE: 7/7/11 |
| MODIFIED BY: | DATE: |
| CHECKED BY: | DATE: |
| FILE SPEC.:stds/2012CurbRamp/CurbRampDetails.dgn | |

5/14/99
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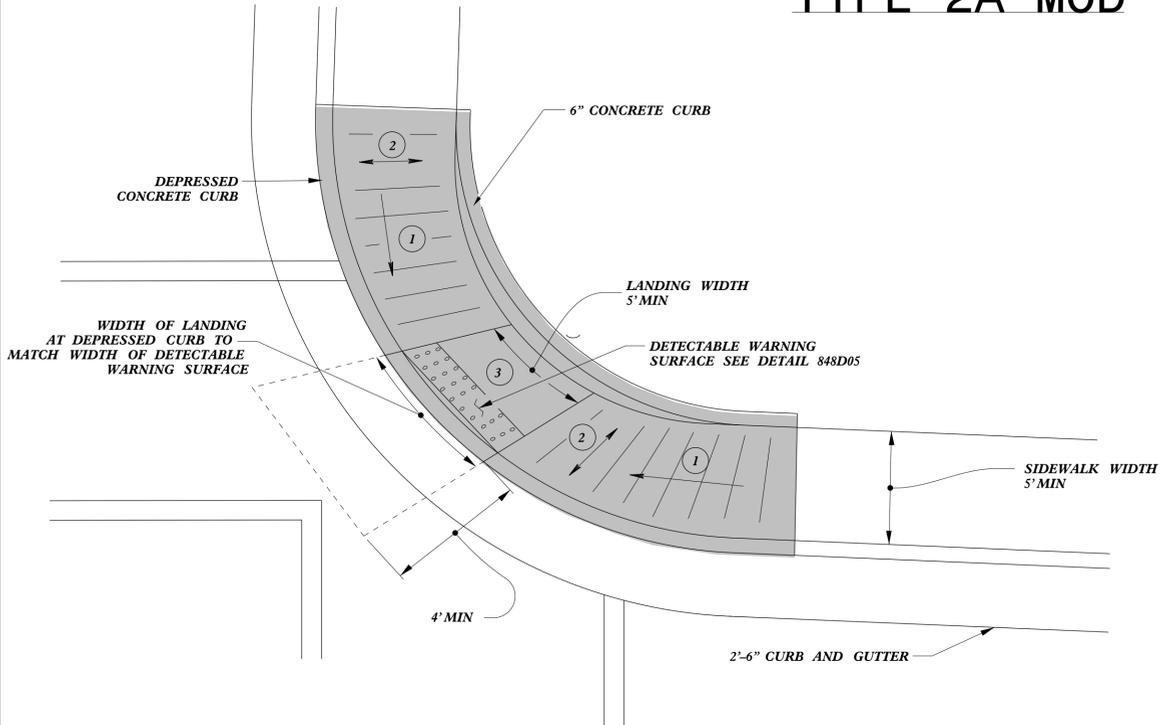
5/14/99



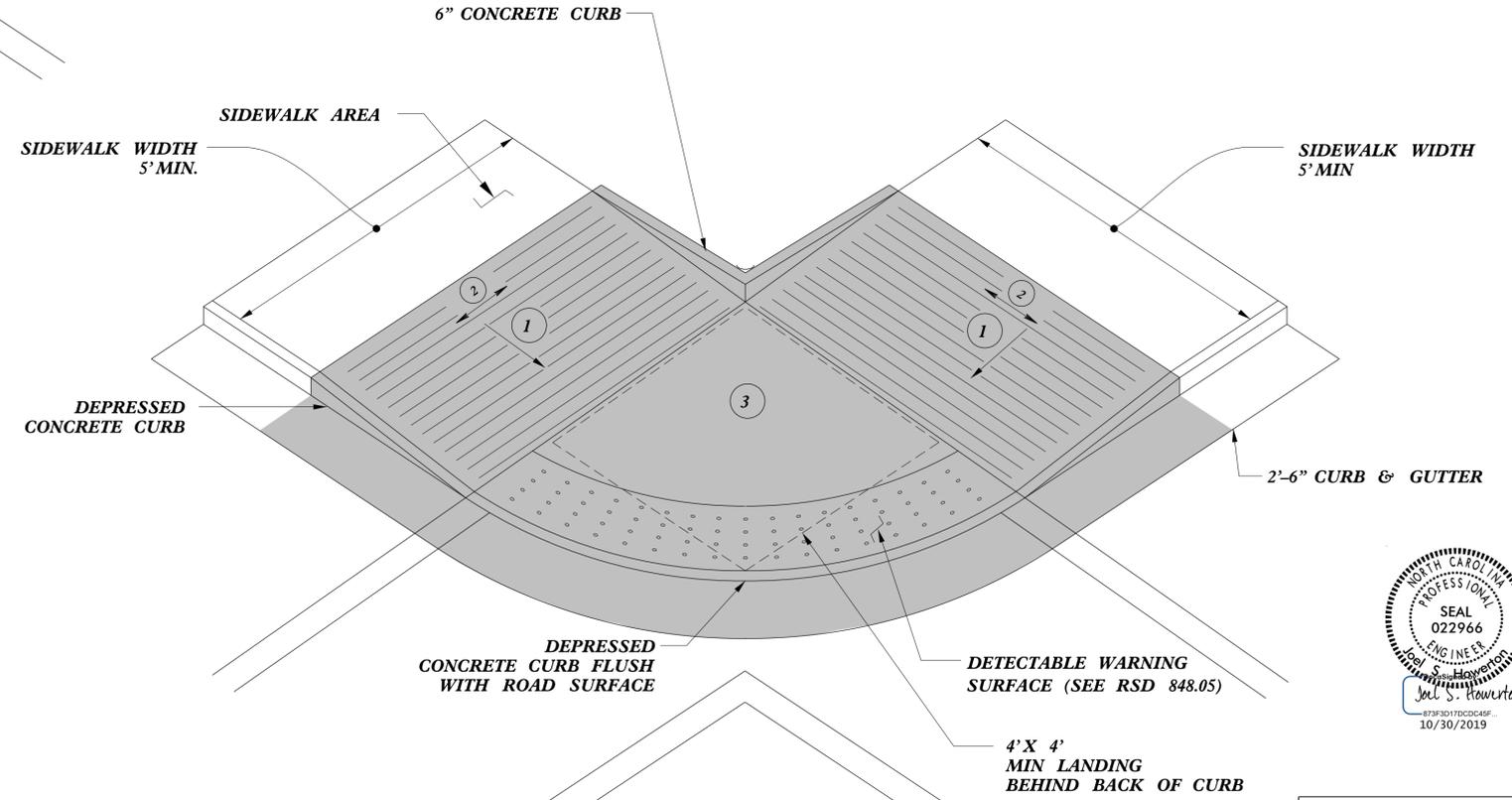
TYPE 2A MOD



TYPE 2



TYPE 2B



TYPE 2A

- 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.

PAY LIMITS FOR 1 CURB RAMP



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

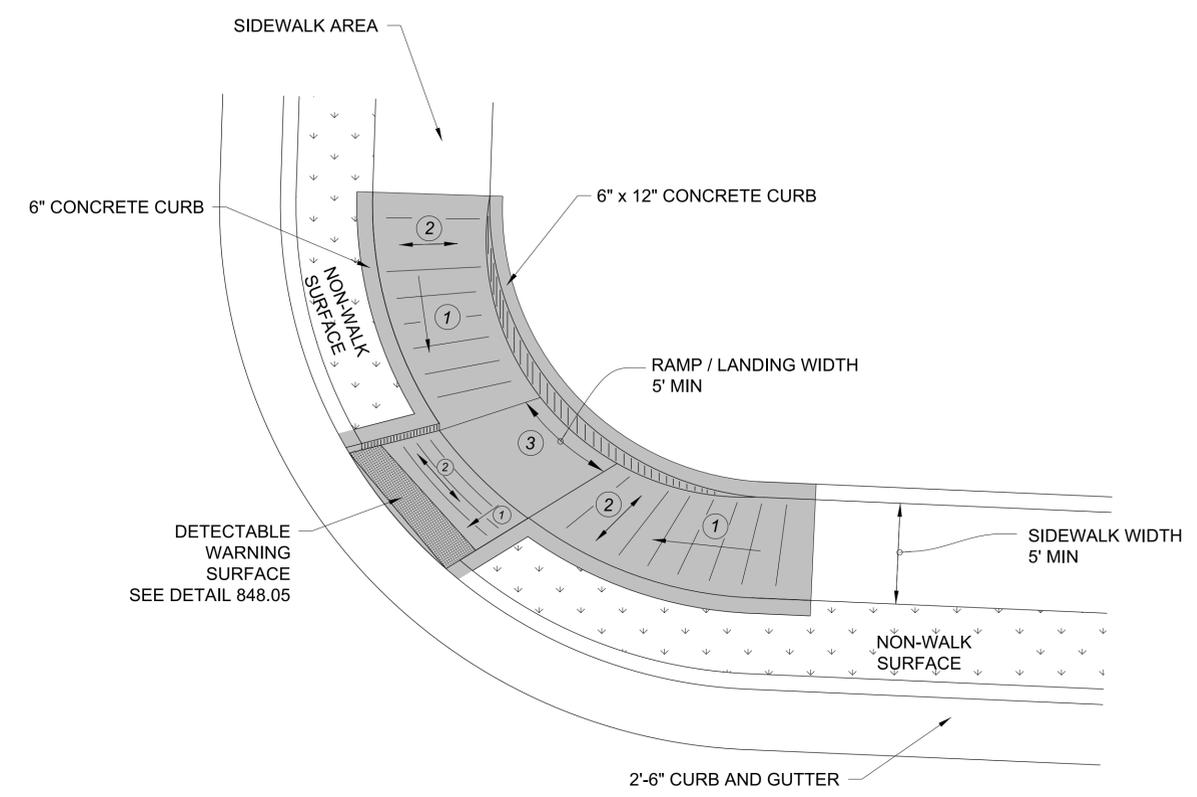
CONTRACT STANDARDS AND DEVELOPMENT UNIT
Office 919-707-6950 FAX 919-250-4119

CURB RAMPS

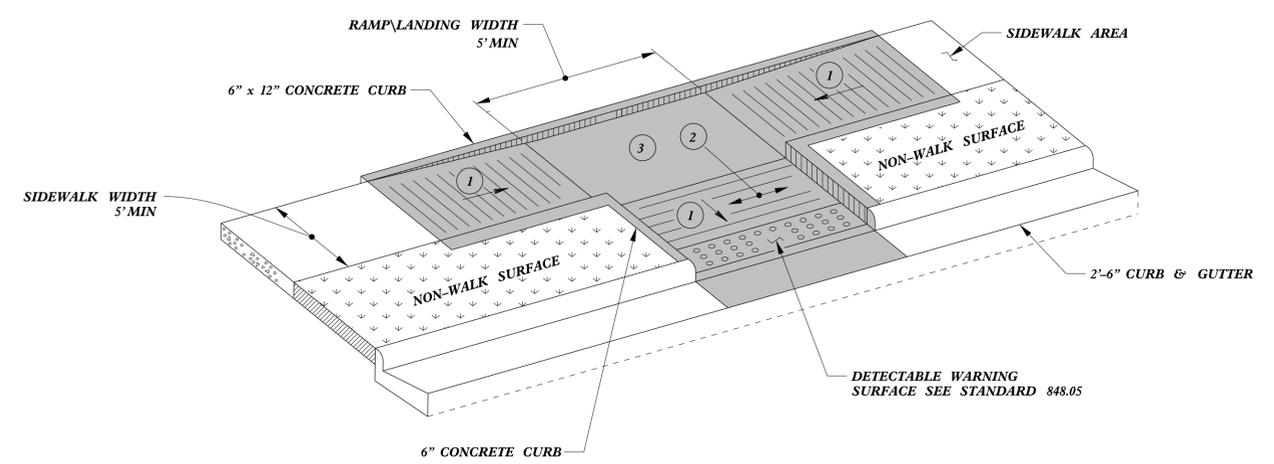
ORIGINAL BY: J.S. HOWERTON DATE: 7/7/11
 MODIFIED BY: DATE:
 CHECKED BY: DATE:
 FILE SPEC: stds/2012CurbRamp/CurbRampDetails.dgn

TIME TO CONSTRUCTION
 CURB RAMPS
 5/14/99

PAY LIMITS FOR 1 CURB RAMP



**TYPE 3 MODIFIED
INSTALLATION IN A RADIUS**



TYPE 3

- 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.

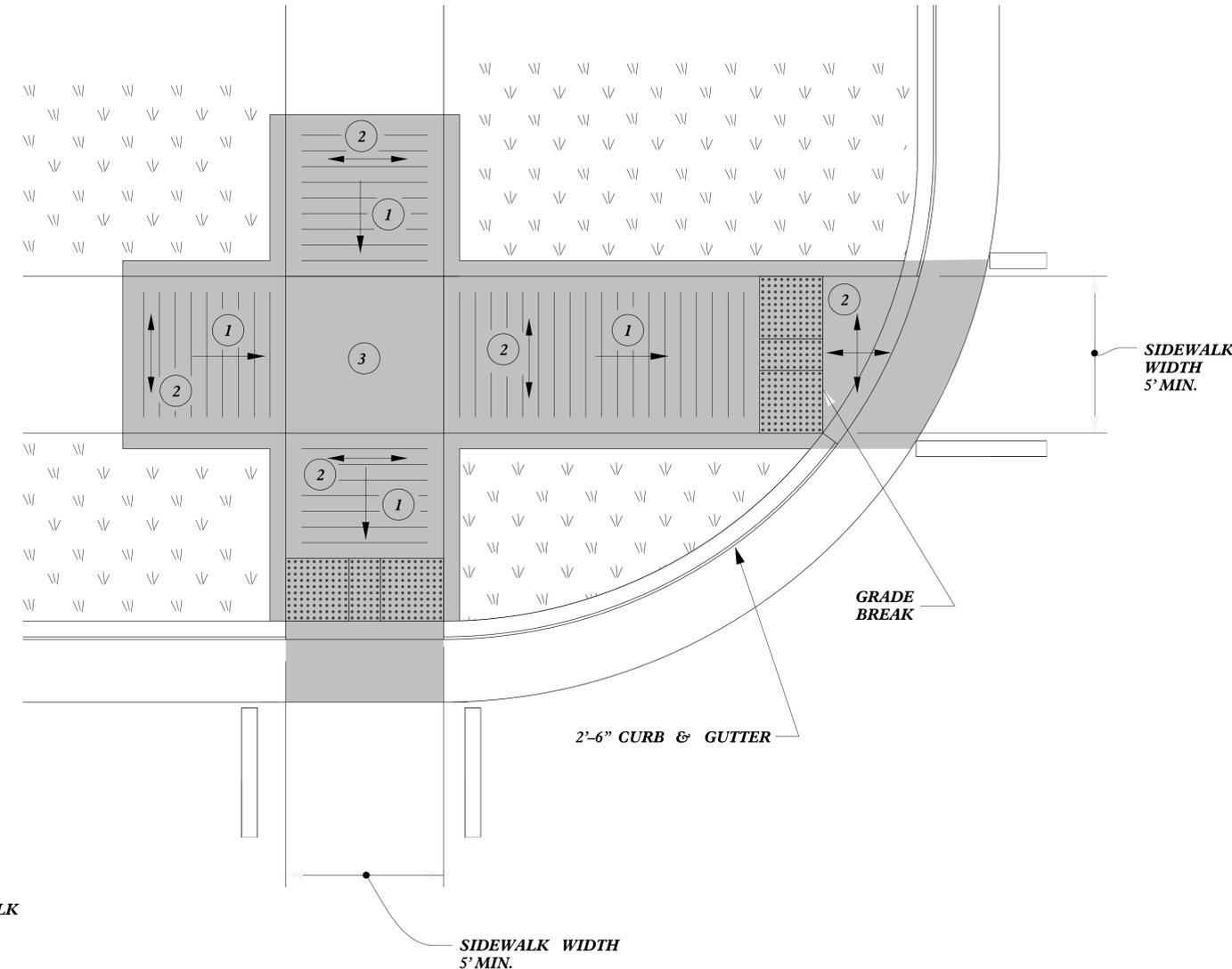


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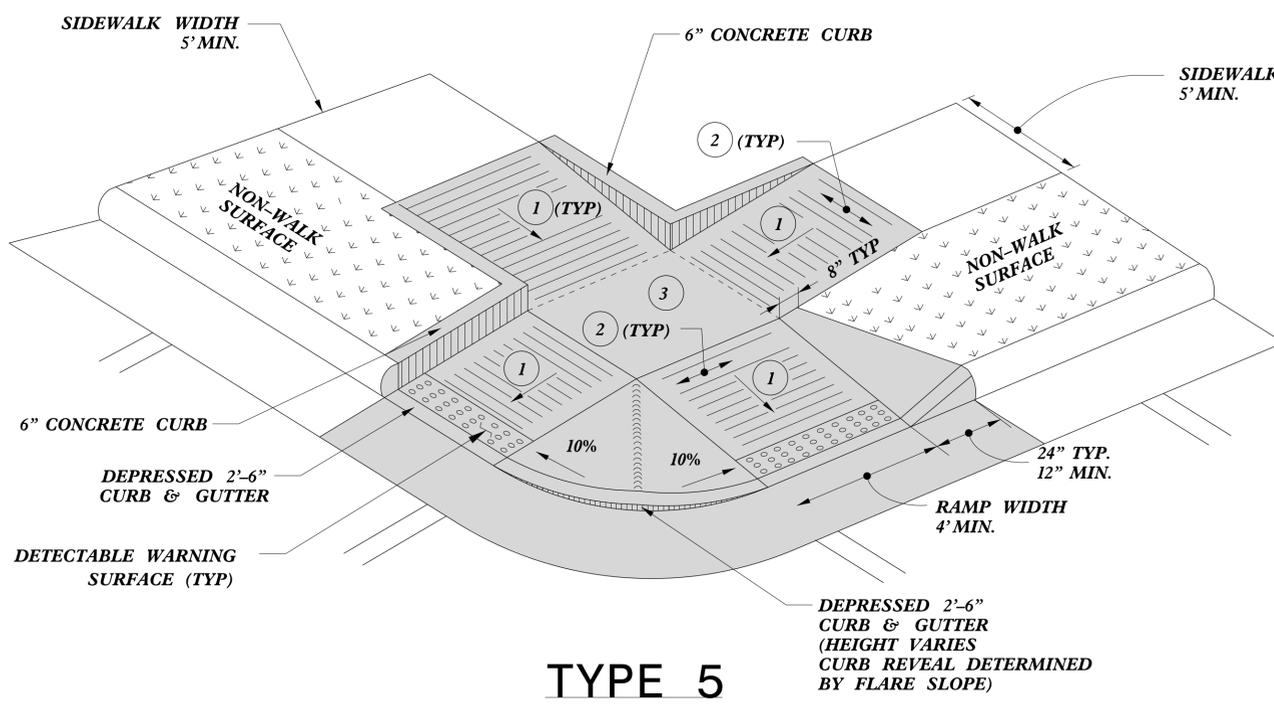
| | |
|--|------------------|
| CONTRACT STANDARDS AND DEVELOPMENT UNIT | |
| Office 919-707-6950 | FAX 919-250-4119 |
| CURB RAMPS | |
| ORIGINAL BY: J.S. HOWERTON | DATE: 7/7/11 |
| MODIFIED BY: | DATE: |
| CHECKED BY: | DATE: |
| FILE SPEC.:stds/2012CurbRamp/CurbRampDetails.dgn | |

5/14/99
C:\P\2012\STDS\2012CurbRamp\CurbRampDetails.dgn

PAY LIMITS FOR 1 OR 2 CURB RAMPS
(CALCULATE BASED ON NUMBER OF SETS
OF TRUNCATED DOMES)



TYPE 5A



TYPE 5

- 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.



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

CURB RAMPS

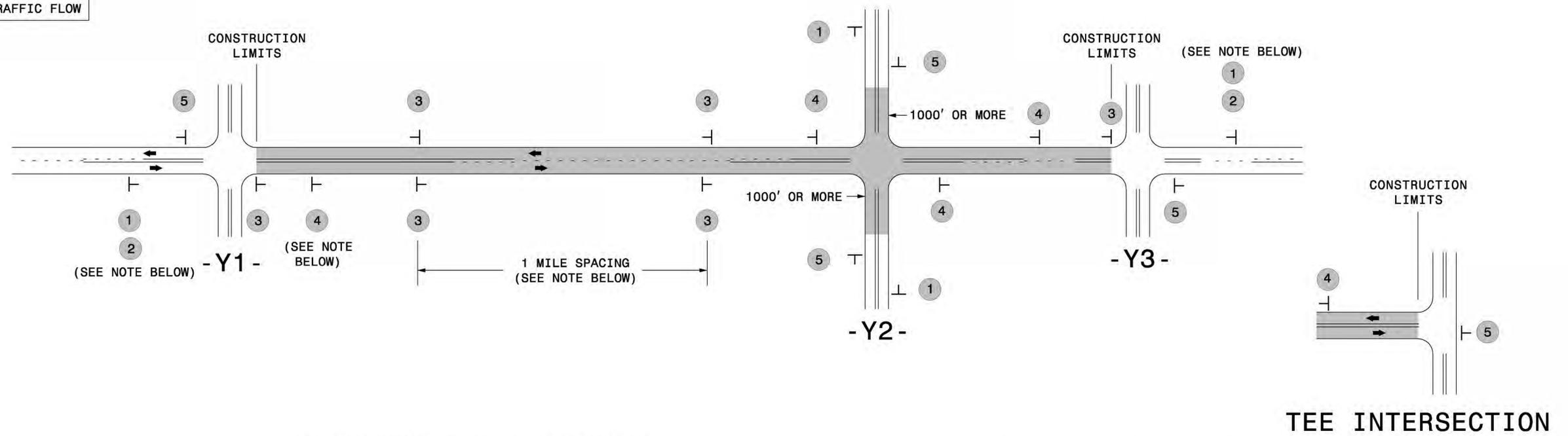
ORIGINAL BY: J.S. HOWERTON DATE: 7/7/11
 MODIFIED BY: _____ DATE: _____
 CHECKED BY: _____ DATE: _____
 FILE SPEC: :stds/2012CurbRamp/CurbRampDetails.dgn

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

5/14/99
 TIME\$\$\$\$
 C:\P\PROJECTS\2012\848.05\848.05.dwg
 USER: J.S. HOWERTON
 PLOT DATE: 7/7/11 10:30:26 AM
 PLOT BY: J.S. HOWERTON

SIGNING FOR RESURFACING PROJECTS

LEGEND
 ┃ STATIONARY SIGN
 ← DIRECTION OF TRAFFIC FLOW



MAINLINE (-L-) SIGNING

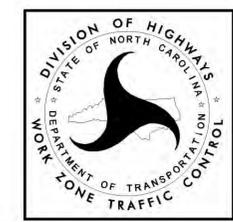
-Y- LINE SIGNING

| | | | | |
|---|---|--|---|---|
| SIGNING NOTES AND PLACEMENT PER DIRECTION | 1 | | PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE. | <p>NO REQUIRED STATIONARY SIGNING FOR THE FOLLOWING -Y- LINE CONDITIONS:</p> <ol style="list-style-type: none"> LESS THAN 1000' OF RESURFACING ALONG -Y- LINE SUBDIVISION ROADS DEAD END ROADS <p>WHEN PAVING/CONSTRUCTION ACTIVITIES PROCEED ACROSS AN UNSIGNED -Y- LINE, PORTABLE ADVANCE WARNING SIGNS SHALL BE USED ALONG THE -Y- LINE AS SHOWN BELOW. REMOVE UPON COMPLETION OF WORK.</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> W20-1 48" X 48" PLACED 500' IN ADVANCE OF FLAGGER. </div> <div style="text-align: center;"> W20-7 A 48" X 48" PLACED 250' IN ADVANCE OF FLAGGER. </div> </div> |
| | 2 | | #2 SIGN ONLY USED WHEN CONSTRUCTION LIMITS ARE 2 OR MORE MILES IN LENGTH. ROUND UP TO NEXT WHOLE NUMBER. (NO FRACTIONAL OR DECIMAL NUMBERS) | |
| | 3 | | <ul style="list-style-type: none"> PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACE 1 MILE APART THEREAFTER. AT TEE INTERSECTIONS INSTALL INITIALLY 1/2 MILE FROM INTERSECTION AND SPACE 1 MILE APART THEREAFTER. | |
| | 4 | | <ul style="list-style-type: none"> THESE ARE FOR -Y- LINES THAT ARE "THROUGH" ROADWAYS. DEAD END AND SUBDIVISION ROADS ARE NOT "THROUGH" ROADWAYS. INSTALL 500' +/- FROM EACH -Y- LINE APPROACH AS SHOWN ABOVE. FOR MULTIPLE -Y- LINES THAT ARE SEPARATED BY 0.25 MILES OR LESS, TREAT AS A SINGLE UNIT AND INSTALL WITHIN 500' OF EACH APPROACH. A MAXIMUM OF 2 SIGN SETS PER MILE. DO NOT INSTALL WHEN -Y- LINES ARE WITHIN 0.5 MILES FROM "END ROAD WORK" SIGN. FOR TEE INTERSECTIONS, INSTALL WITHIN 500' +/- OF THE INTERSECTION ALONG -L- LINE. | |
| | 5 | | PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS OR AS SHOWN WHEN WORK ENDS AT A 3-WAY TEE INTERSECTION. | |

THE ABOVE SIGNS ARE ALL THAT ARE REQUIRED FOR A CONTRACTOR TO BEGIN A RESURFACING CONTRACT. ANY ADDITIONAL SIGNS REQUESTED BY NCDOT DIVISIONS SHALL BE INSTALLED WITHIN 7 BUSINESS DAYS OF THE START OF CONTRACT WORK.

MAPS LESS THAN 2 MILES

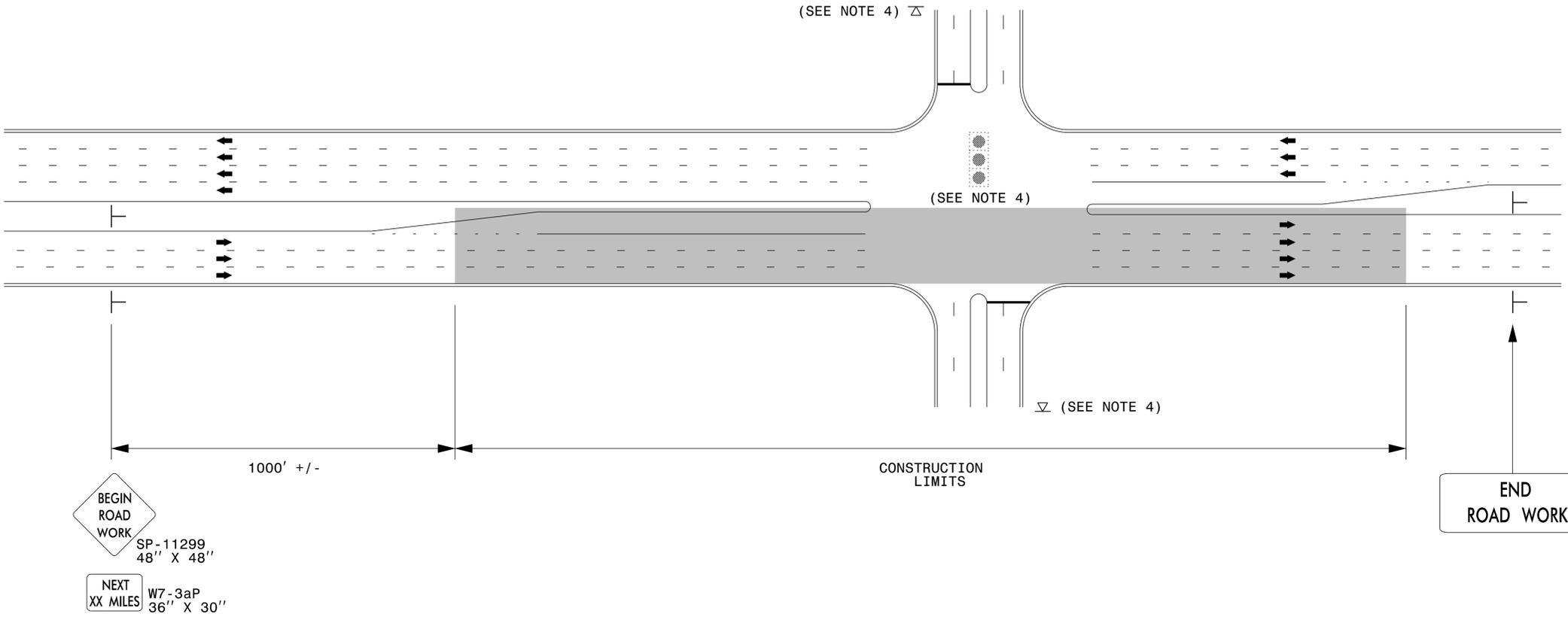
FOR RESURFACING MAPS WITH CONSTRUCTION LIMITS LESS THAN 2 MILES IN LENGTH, NO STATIONARY SIGNS ARE REQUIRED. USE PORTABLE "ROAD UNDER CONSTRUCTION" OR "ROAD WORK AHEAD" SIGNS IN LIEU OF STATIONARY ADVANCE WARNINGS SIGNS.



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

5/15/2017 S:\T\WZTC\Resurfacing\2L2W & AST Resurfacing Details\Resurfacing_AdvWarn_2Ln.dgn User:kdalis

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

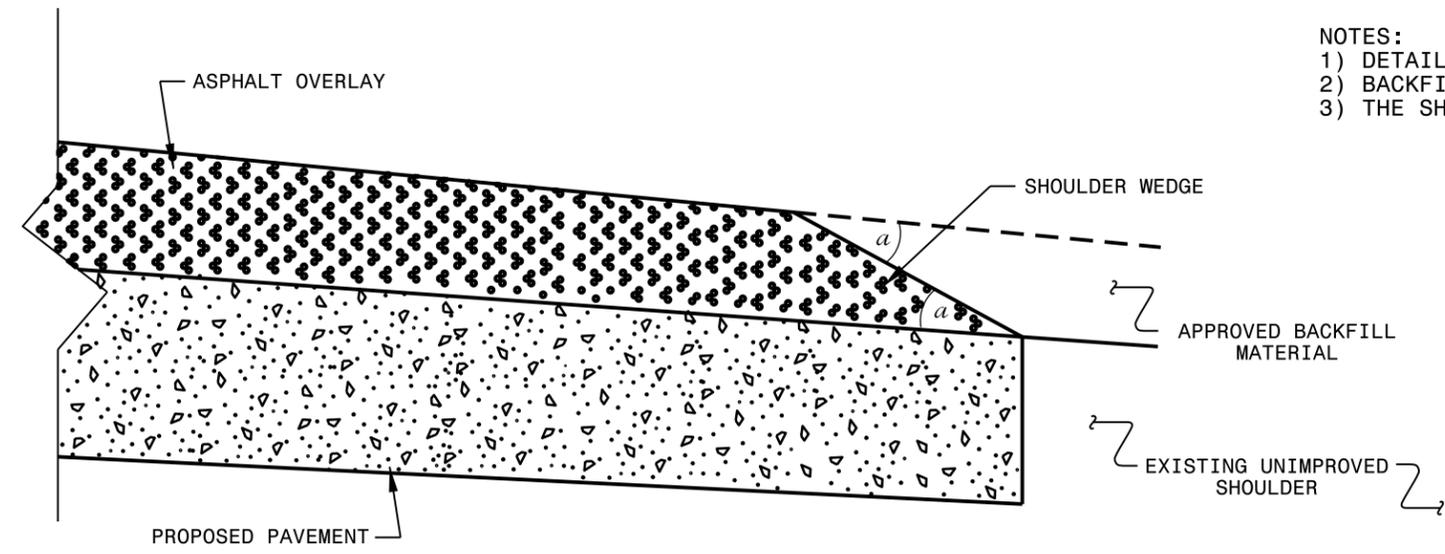
➔ DIRECTION OF TRAFFIC FLOW

END ROAD WORK
G20-2 A
48" X 24"

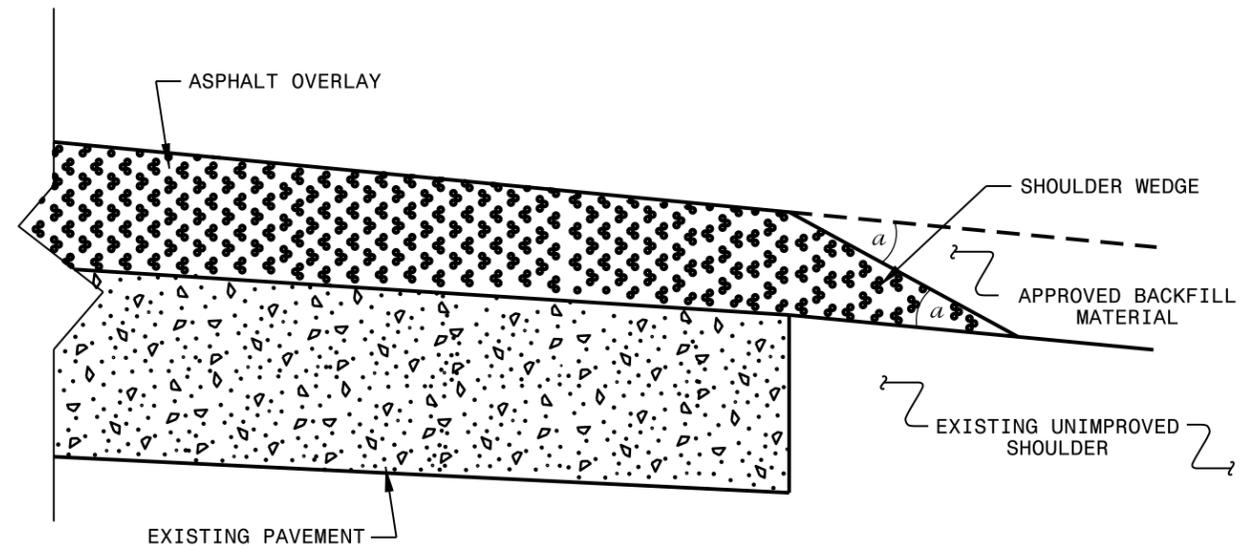


RESURFACING ADVANCE WARNING SIGNS FOR URBAN / SUBURBAN FACILITIES

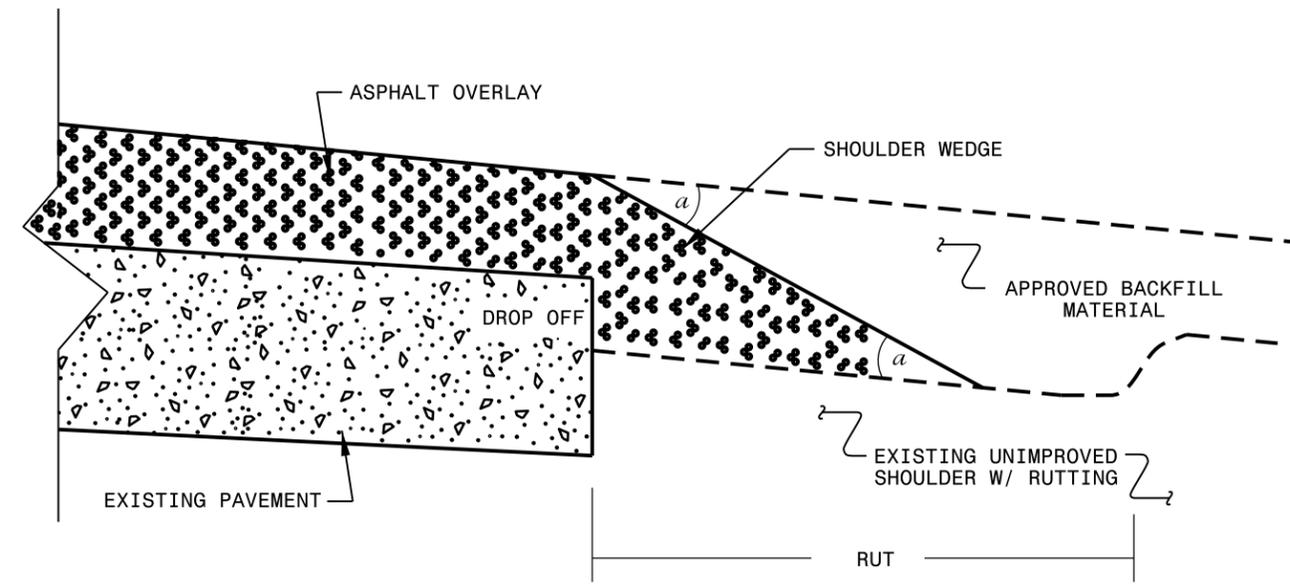
- NOTES:
- 1) DETAIL DOES NOT APPLY TO OGAFD AND ULTRA-THIN BONDED WEARING COURSE.
 - 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
 - 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS AND SIDE STREETS.



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°

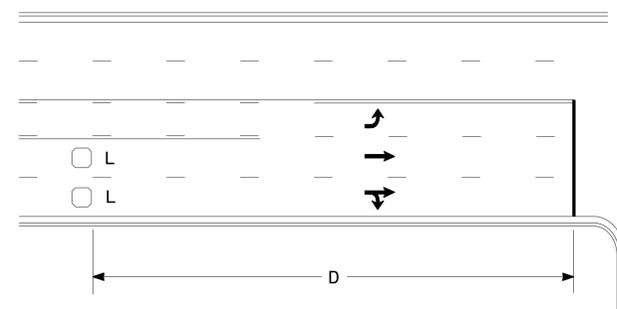
CONTRACT STANDARDS
 AND DEVELOPMENT UNIT
 Office 919-707-6950 FAX 919-250-4119

**SHOULDER WEDGE
 DETAILS**

ORIGINAL BY: T.SPELL DATE: 7-19-11
 MODIFIED BY: DATE: 10/16/12
 CHECKED BY: DATE:
 FILE SPEC.: susr/details/stand/shoulderwedgedetail.dgn

SYSTEMS DESIGN
 USER NAME

High Speed Detection (≥40 mph)

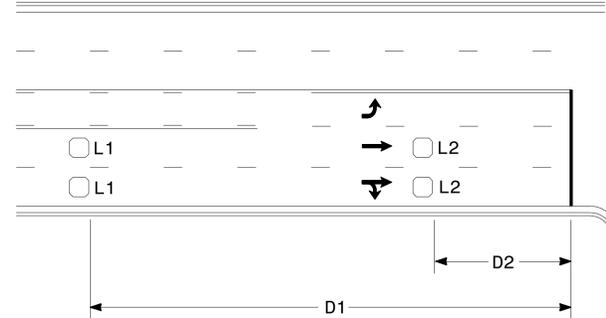


| Speed Limit mph | D ft |
|--------------------|---------|
| 40 | 250 |
| 45 | 300 |
| 50 | 355 |
| 55 | 420 |

L = 6ft X 6ft
Wired in series for TS1
Controllers
Wired separately for TS2,
170, and 2070L Controllers

Volume Density Operation

OR

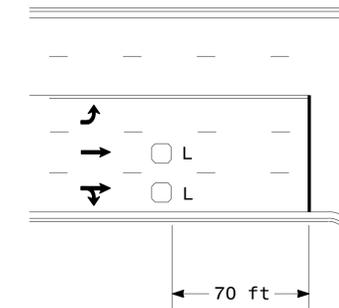


| Speed Limit mph | D1 ft | D2 ft |
|--------------------|----------|----------|
| 40 | 250 | 80 |
| 45 | 300 | 90 |
| 50 | 355 | 100 |
| 55 | 420 | 110 |

L1 = 6ft X 6ft
Wired in series
L2 = 6ft X 6ft
Wired in series

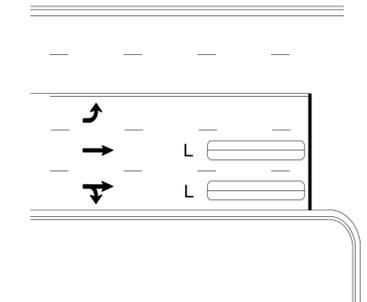
"Stretch" Operation

Low Speed Detection (≤35 mph)



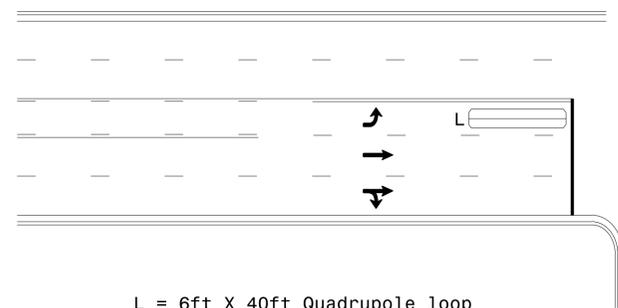
L = 6ft X 6ft
Wired in series

OR



L = 6ft X 40ft
Quadrupole loop, wired separately

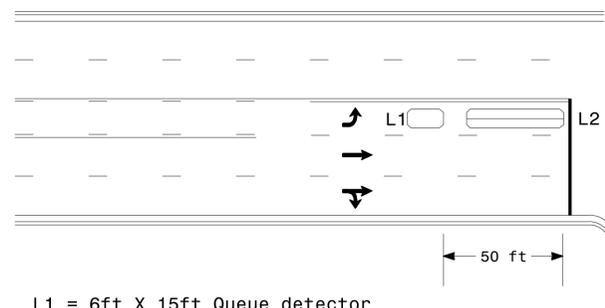
Left Turn Lane Detection



L = 6ft X 40ft Quadrupole loop

Presence Loop Detection

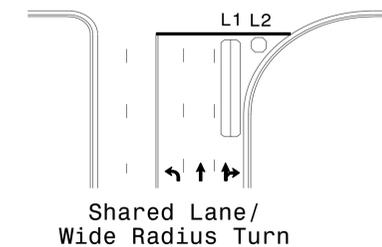
OR



L1 = 6ft X 15ft Queue detector
L2 = 6ft X 40ft Quadrupole loop

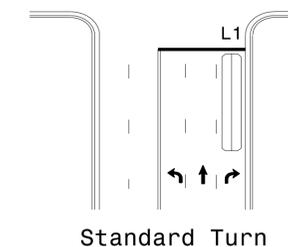
Queue Loop Detection

Right Turn Lane Detection

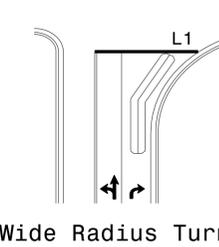


Shared Lane/
Wide Radius Turn

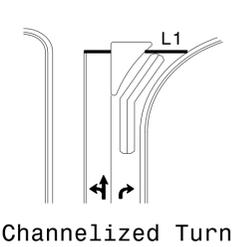
L1 = 6ft X 40ft Quadrupole loop
L2 = 6ft X 6ft [Minimum] Presence loop
Wired separately



Standard Turn

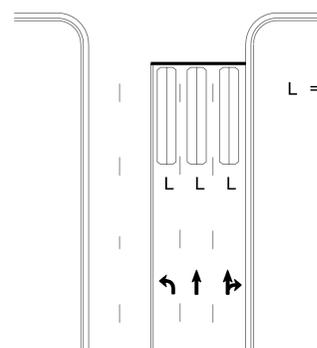


Wide Radius Turn



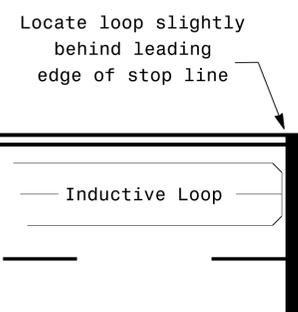
Channelized Turn

Side Street Detection



L = 6ft X 40ft
Quadrupole loop
Wired to separate
detectors/channels

Presence Loop Placement at Stop Lines



Locate loop slightly
behind leading
edge of stop line

Note:
Loop may be located in advance
of stop line under any of the
following conditions:
1) stop line is greater than 15'
from edge of intersecting
roadway
2) loop detects a permissive or
protected/permissive left turn
3) for an exclusive right turn
lane

Recommended Number of Turns

Single 6' X 6' loop
(when wired separately):

| Length of Lead-in ft | Number of Turns |
|----------------------------|--------------------|
| < 250 | 3 |
| 250-375 | 4 |
| 375-525 | 5 |
| > 525 | 6 |

Quadrupole loops: Use 2-4-2 turns

6' X 15' Loops:
Lead-in < 150', use 2 turns
Lead-in > 150', use 3 turns

750 N. Greenfield Pkwy, Garner, NC 27529

Prepared In the Offices of:

TRANSPORTATION MOBILITY AND SAFETY DIVISION
DEPARTMENT OF TRANSPORTATION
SIGNAL DESIGN SECTION

SEAL
NORTH CAROLINA
PROFESSIONAL ENGINEER
PAMELA L. ALEXANDER
23489

| | | | |
|-------------------------|-----------|------------------|------|
| PLAN DATE: January 2015 | | REVIEWED BY: JPG | |
| PREPARED BY: PLA | | REVIEWED BY: | |
| SCALE | REVISIONS | INIT. | DATE |
| N/A | | | |

DocuSigned by:
P. Alexander
1/30/2015 1:30:25 PM
B4756E00CE4E4ED
SIG. INVENTORY NO.

| PROJECT NO. | SHEET NO. | TOTAL NO. |
|---|-----------|-----------|
| 2023CPT.10.09.10601, 2023CPT.10.09.20601 2023CPT.10.09.20602 (FDR) | | |

| PROJECT NO | COUNTY | MAP NO | ROUTE | DESCRIPTION | TYP NO | LANES | LANE TYPE | FINAL SURFACE TESTING REQUIRED | WARM MIX ASPHALT REQUIRED | LENGTH | WIDTH | 2830000000-N | 2845000000-N | 5255000000-N | 6000000000-E | 6009000000-E | 6012000000-E | 6071010000-E | 6071020000-E | 6084000000-E | 7444000000-E | | | |
|---|-------------|--------|---|---|--------|-------|-----------|--------------------------------|---------------------------|--------|-------|------------------|----------------------------|-------------------|----------------------|-----------------------------------|------------------------|--------------|----------------------|--------------------|-----------------------|-------------|--------------|--------------|
| | | | | | | | | | | | | ADJ. OF MANHOLES | ADJ. OF METER OR VALVE BOX | PORTABLE LIGHTING | TEMPORARY SILT FENCE | STONE FOR EROSION CONTROL CLASS B | SEDIMENT CONTROL STONE | WATTLE | POLYACRYLAMIDE (PAM) | SEEDING & MULCHING | INDUCTIVE LOOP SAWCUT | | | |
| | | | | | | | | | | | | EA | EA | LS | LF | TN | TN | LF | LB | ACR | LF | | | |
| | | | | | | | | | | | | MI | FT | | | | | | | | | | | |
| 2023CPT.10.09.10601 | Mecklenburg | 1 | WB NC 27 ALBEMARLE ROAD (30400027060) | FROM SHARON AMITY RD TO INDEPENDENCE BLVD (MP 9.84 TO MP 10.56) | 1,2,3 | 2 | MD | NO | NO | 0.72 | 24 | 1 | 4 | 0.33 | | | | | | | 600 | | | |
| TOTAL FOR MAP NO. 1 | | | | | | | | | | | | 0.72 | | 1 | 4 | 0.33 | | | | | | | | 600 |
| 2023CPT.10.09.10601 | Mecklenburg | 2 | EB NC 27 ALBEMARLE ROAD (30000027060) | FROM INDEPENDENCE BLVD TO SHARON AMITY RD (MP 16.45 TO MP 17.21) | 1,4,5 | 2 | MD | NO | NO | 0.76 | 39 | 13 | 6 | 0.33 | | | | | | | 784 | | | |
| TOTAL FOR MAP NO. 2 | | | | | | | | | | | | 0.76 | | 13 | 6 | 0.33 | | | | | | | 784 | |
| TOTAL FOR PROJ NO. 2023CPT.10.09.10601 | | | | | | | | | | | | 1.48 | | 14 | 10 | 0.67 | | | | | | | | 1,384 |
| 2023CPT.10.09.20601 | Mecklenburg | 3 | SR 1666 MT. HOLLY-HUNTERSVILLE ROAD (40001666060) | FROM MT. HOLLY ROAD TO BELLHAVEN BLVD (MP 0.00 TO MP 2.43) | 6,7,8 | 2 | | NO | NO | 2.43 | 28 | 11 | 10 | 0.33 | 300 | 48 | 24 | 80 | 1 | 0.40 | 915 | | | |
| TOTAL FOR MAP NO. 3 | | | | | | | | | | | | 2.43 | | 11 | 10 | 0.33 | 300 | 48 | 24 | 80 | 1 | 0.40 | 915 | |
| 2023CPT.10.09.20601 | Mecklenburg | 4 | SR 5436 RODNEY STREET (40005436060) | FROM ROYSHELL LANE TO E. WESTINGHOUSE BLVD (MP 0.00 TO MP 0.52) | 9 | 2 | 2WU | NO | NO | 0.52 | 24 | | | | 80 | 10 | 5 | 10 | 1 | 0.38 | | | | |
| TOTAL FOR MAP NO. 4 | | | | | | | | | | | | 0.52 | | | | | 80 | 10 | 5 | 10 | 1 | 0.38 | | |
| 2023CPT.10.09.20601 | Mecklenburg | 5 | SR 5418 MAJESTIC OAK DRIVE (40005418060) | FROM YORK ROAD TO END OF MAINTENANCE (MP 0.00 TO MP 0.45) | 10 | 2 | 2WD | NO | NO | 0.45 | 22 | | | | | | | | | | | | | |
| TOTAL FOR MAP NO. 5 | | | | | | | | | | | | 0.45 | | | | | | | | | | | | |
| 2023CPT.10.09.20601 | Mecklenburg | 6 | SR 5420 HICKORY VIEW LANE (40005420060) | FROM MAJESTIC OAK DRIVE TO END OF MAINTENANCE (MP 0.00 TO MP 0.20) | 10 | 2 | 2WD | NO | NO | 0.2 | 22 | | | | | | | | | | | | | |
| TOTAL FOR MAP NO. 6 | | | | | | | | | | | | 0.2 | | | | | | | | | | | | |
| 2023CPT.10.09.20601 | Mecklenburg | 7 | SR 5419 CROOKED BRANCH LANE (40005419060) | FROM MAJESTIC OAK DRIVE TO END OF MAINTENANCE (MP 0.00 TO MP 0.30) | 10 | 2 | 2WD | NO | NO | 0.3 | 20 | | | | | | | | | | | | | |
| TOTAL FOR MAP NO. 7 | | | | | | | | | | | | 0.3 | | | | | | | | | | | | |
| 2023CPT.10.09.20601 | Mecklenburg | 8 | SR 5421 LONESOME OAK CIRCLE (40005421060) | FROM CROOKED BRANCH LANE TO END OF MAINTENANCE (MP 0.00 TO MP 0.05) | 10 | 2 | 2WD | NO | NO | 0.05 | 18 | | | | | | | | | | | | | |
| TOTAL FOR MAP NO. 8 | | | | | | | | | | | | 0.05 | | | | | | | | | | | | |
| 2023CPT.10.09.20601 | Mecklenburg | 9 | SR 2197 CATAWBA AVENUE (40002197060) | FROM WEST OF HAMILTON STREET AT PAVEMENT JOINT TO END OF MAINTENANCE (MP 0.00 TO MP 0.38) | 11,12 | 2 | 2WU | NO | NO | 0.38 | 16 | | | | | | | | | | | | | |
| TOTAL FOR MAP NO. 9 | | | | | | | | | | | | 0.38 | | | | | | | | | | | | |
| 2023CPT.10.09.20601 | Mecklenburg | 10 | SR 5510 HAYMARKET ROAD (40005510060) | FROM NANCE COVE RD TO END OF MAINTENANCE (MP 0.00 TO 0.51) | 13 | 2 | 2WU | NO | NO | 0.51 | 20 | | | | 60 | 8 | 4 | 10 | 1 | 0.37 | | | | |
| TOTAL FOR MAP NO. 10 | | | | | | | | | | | | 0.51 | | | | | 60 | 8 | 4 | 10 | 1 | 0.37 | | |
| 2023CPT.10.09.20601 | Mecklenburg | 11 | SR 2253 NANCE COVE ROAD (40002253060) | FROM BROOKSHIRE BLVD TO C&G TALL MEADOW LANE (MP 0.00 TO MP 0.57) | 14,15 | 2 | 2WU | NO | NO | 0.57 | 20 | | | | 80 | 10 | 5 | 20 | 1 | 0.14 | 330 | | | |
| TOTAL FOR MAP NO. 11 | | | | | | | | | | | | 0.57 | | | | | 80 | 10 | 5 | 20 | 1 | 0.14 | 330 | |
| 2023CPT.10.09.20601 | Mecklenburg | 12 | SR 3107 INDIAN TRAIL ROAD (40003107060) | FROM BRIEF ROAD TO UNION COUNTY LINE (MP 0.00 TO MP 0.49) | 16 | 2 | 2WU | NO | NO | 0.49 | 18 | | | | 90 | 11 | 6 | 20 | 1 | 0.36 | | | | |
| TOTAL FOR MAP NO. 12 | | | | | | | | | | | | 0.49 | | | | | 90 | 11 | 6 | 20 | 1 | 0.36 | | |
| TOTAL FOR PROJ NO. 2023CPT.10.09.20601 | | | | | | | | | | | | 5.9 | | 11 | 10 | 0.33 | 610 | 87 | 44 | 140 | 5 | 1.65 | 1,245 | |
| 2023CPT.10.09.20602 (FDR) | Mecklenburg | 10 | SR 5510 HAYMARKET ROAD (40005510060) | FROM NANCE COVE RD TO END OF MAINTENANCE (MP 0.00 TO MP 0.51) | 13 | 2 | 2WU | NO | NO | 0.51 | 20 | | | | | | | | | | | | | |
| TOTAL FOR MAP NO. 10 | | | | | | | | | | | | 0.51 | | | | | | | | | | | | |
| 2023CPT.10.09.20602 (FDR) | Mecklenburg | 11 | SR 2253 NANCE COVE ROAD (40002253060) | FROM BROOKSHIRE BLVD TO C&G TALL MEADOW LANE (MP 0.00 TO MP 0.57) | 14,15 | 2 | 2WU | NO | NO | 0.57 | 20 | | | | | | | | | | | | | |
| TOTAL FOR MAP NO. 11 | | | | | | | | | | | | 0.57 | | | | | | | | | | | | |
| 2023CPT.10.09.20602 (FDR) | Mecklenburg | 12 | SR 3107 INDIAN TRAIL ROAD (40003107060) | FROM BRIEF ROAD TO UNION COUNTY LINE (MP 0.00 TO MP 0.49) | 16 | 2 | 2WU | NO | NO | 0.49 | 18 | | | | | | | | | | | | | |
| TOTAL FOR MAP NO. 12 | | | | | | | | | | | | 0.49 | | | | | | | | | | | | |
| TOTAL FOR PROJ NO. 2023CPT.10.09.20602 (FDR) | | | | | | | | | | | | 1.57 | | | | | | | | | | | | |
| GRAND TOTAL | | | | | | | | | | | | 8.95 | | 25 | 20 | 1 | 610 | 87 | 44 | 140 | 5 | 1.65 | 2,629 | |

| PROJECT NO. | SHEET NO. | TOTAL NO. |
|---|-----------|-----------|
| .10601, 2023CPT.10.09.20601 PT.10.09.20602 (FDR) | | |

| PROJECT NO | COUNTY | MAP NO | ROUTE | DESCRIPTION | TYP NO | LANES | LANE TYPE | LENGTH | WIDTH | 484500000-N | | | 490510000-N |
|---|-------------|--------|---|---|--------|-------|-----------|-------------|-------|----------------|----------------|----------------------|--|
| | | | | | | | | | | PAINT LT ARROW | PAINT RT ARROW | PAINT STR & RT ARROW | NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER |
| | | | | | | | | MI | FT | EA | EA | EA | EA |
| 2023CPT.10.09.10601 | Mecklenburg | 1 | WB NC 27 ALBEMARLE ROAD (30400027060) | FROM SHARON AMITY RD TO INDEPENDENCE BLVD (MP 9.84 TO MP 10.52) | 1,2,3 | 2 | MD | 0.72 | 24 | 2 | | | 104 |
| TOTAL FOR MAP NO. 1 | | | | | | | | 0.72 | | 2 | | | 104 |
| 2023CPT.10.09.10601 | Mecklenburg | 2 | EB NC 27 ALBEMARLE ROAD (30000027060) | FROM INDEPENDENCE BLVD TO SHARON AMITY RD (MP 16.45 TO MP 17.21) | 1,4,5 | 2 | MD | 0.76 | 39 | 4 | 4 | 4 | 122 |
| TOTAL FOR MAP NO. 2 | | | | | | | | 0.76 | | 4 | 4 | 4 | 122 |
| TOTAL FOR PROJ NO. 2023CPT.10.09.10601 | | | | | | | | 1.48 | | 6 | 4 | 4 | 226 |
| | | | | | | | | | | 14 | | | |
| 2023CPT.10.09.20601 | Mecklenburg | 3 | SR 1666 MT. HOLLY-HUNTERSVILLE ROAD (40001666060) | FROM MT. HOLLY ROAD TO BELLHAVEN BLVD (MP 0.00 TO MP 2.43) | 6,7,8 | 2 | | 2.43 | 28 | | | | |
| TOTAL FOR MAP NO. 3 | | | | | | | | 2.43 | | | | | |
| 2023CPT.10.09.20601 | Mecklenburg | 4 | SR 5436 RODNEY STREET (40005436060) | FROM ROYSHELL LANE TO E. WESTINGHOUSE BLVD (MP 0.00 TO MP 0.52) | 9 | 2 | 2WU | 0.52 | 24 | | | | |
| TOTAL FOR MAP NO. 4 | | | | | | | | 0.52 | | | | | |
| 2023CPT.10.09.20601 | Mecklenburg | 5 | SR 5418 MAJESTIC OAK DRIVE (40005418060) | FROM YORK ROAD TO END OF MAINTENANCE (MP 0.00 TO MP 0.45) | 10 | 2 | 2WD | 0.45 | 22 | | | | |
| TOTAL FOR MAP NO. 5 | | | | | | | | 0.45 | | | | | |
| 2023CPT.10.09.20601 | Mecklenburg | 6 | SR 5420 HICKORY VIEW LANE (40005420060) | FROM MAJESTIC OAK DRIVE TO END OF MAINTENANCE (MP 0.00 TO MP 0.20) | 10 | 2 | 2WD | 0.2 | 22 | | | | |
| TOTAL FOR MAP NO. 6 | | | | | | | | 0.2 | | | | | |
| 2023CPT.10.09.20601 | Mecklenburg | 7 | SR 5419 CROOKED BRANCH LANE (40005419060) | FROM MAJESTIC OAK DRIVE TO END OF MAINTENANCE (MP 0.00 TO MP 0.30) | 10 | 2 | 2WD | 0.3 | 20 | | | | |
| TOTAL FOR MAP NO. 7 | | | | | | | | 0.3 | | | | | |
| 2023CPT.10.09.20601 | Mecklenburg | 8 | SR 5421 LONESOME OAK CIRCLE (40005421060) | FROM CROOKED BRANCH LANE TO END OF MAINTENANCE (MP 0.00 TO MP 0.05) | 10 | 2 | 2WD | 0.05 | 18 | | | | |
| TOTAL FOR MAP NO. 8 | | | | | | | | 0.05 | | | | | |
| 2023CPT.10.09.20601 | Mecklenburg | 9 | SR 2197 CATAWBA AVENUE (40002197060) | FROM WEST OF HAMILTON STREET AT PAVEMENT JOINT TO END OF MAINTENANCE (MP 0.00 TO MP 0.38) | 11,12 | 2 | 2WU | 0.38 | 16 | | | | |
| TOTAL FOR MAP NO. 9 | | | | | | | | 0.38 | | | | | |
| 2023CPT.10.09.20601 | Mecklenburg | 10 | SR 5510 HAYMARKET ROAD (40005510060) | FROM NANCE COVE RD TO END OF MAINTENANCE (MP 0.00 TO 0.51) | 13 | 2 | 2WU | 0.51 | 20 | | | | |
| TOTAL FOR MAP NO. 10 | | | | | | | | 0.51 | | | | | |
| 2023CPT.10.09.20601 | Mecklenburg | 11 | SR 2253 NANCE COVE ROAD (40002253060) | FROM BROOKSHIRE BLVD TO C&G TALL MEADOW LANE (MP 0.00 TO MP 0.57) | 14,15 | 2 | 2WU | 0.57 | 20 | | | | |
| TOTAL FOR MAP NO. 11 | | | | | | | | 0.57 | | | | | |
| 2023CPT.10.09.20601 | Mecklenburg | 12 | SR 3107 INDIAN TRAIL ROAD (40003107060) | FROM BRIEF ROAD TO UNION COUNTY LINE (MP 0.00 TO MP 0.49) | 16 | 2 | 2WU | 0.49 | 18 | | | | |
| TOTAL FOR MAP NO. 12 | | | | | | | | 0.49 | | | | | |
| TOTAL FOR PROJ NO. 2023CPT.10.09.20601 | | | | | | | | 5.9 | | | | | |
| 2023CPT.10.09.20602 (FDR) | Mecklenburg | 10 | SR 5510 HAYMARKET ROAD (40005510060) | FROM NANCE COVE RD TO END OF MAINTENANCE (MP 0.00 TO MP 0.51) | 13 | 2 | 2WU | | 20 | | | | |
| TOTAL FOR MAP NO. 10 | | | | | | | | 0 | | | | | |
| 2023CPT.10.09.20602 (FDR) | Mecklenburg | 11 | SR 2253 NANCE COVE ROAD (40002253060) | FROM BROOKSHIRE BLVD TO C&G TALL MEADOW LANE (MP 0.00 TO MP 0.57) | 14,15 | 2 | 2WU | | 20 | | | | |
| TOTAL FOR MAP NO. 11 | | | | | | | | 0 | | | | | |
| 2023CPT.10.09.20602 (FDR) | Mecklenburg | 12 | SR 3107 INDIAN TRAIL ROAD (40003107060) | FROM BRIEF ROAD TO UNION COUNTY LINE (MP 0.00 TO MP 0.49) | 16 | 2 | 2WU | | 18 | | | | |
| TOTAL FOR MAP NO. 12 | | | | | | | | 0 | | | | | |
| TOTAL FOR PROJ NO. 2023CPT.10.09.20602 (FDR) | | | | | | | | 0 | | | | | |
| GRAND TOTAL | | | | | | | | 7.38 | | 6 | 4 | 4 | 226 |
| | | | | | | | | | | 14 | | | |