

# STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

J. ERIC BOYETTE
SECRETARY

June 1, 2023

### Addendum No. 1

Contract No.: DA00572

WBS Element: 2023CPT.01.14.10941.1

Milling, Resurfacing, OGFC, & Shoulder Reconstruction on Sections of US 64 in Washington County

To Whom It May Concern:

Reference is made to the proposal and plans previously furnished for this project.

The following revisions have been made to the proposal and plans:

Page 1 "Proposal Cover" has been revised to include the correct contract number. Please replace the original Page 1 "Proposal Cover" with the attached revised Page 1 "Proposal Cover".

Pages 40 - 41 "Shoulder Reconstruction Per Shoulder Mile" and "Shoulder Reconstruction Procedure" have been removed from the contract. Please replace the original Page 40 - 41 with the attached revised Page 40 - 41.

Page 59 "Incidental Stone Base" has been included in the contract. Please replace the original Page 59 with the attached revised Page 59.

Pages 99 - 100 "Bid Form" have been revised to delete the line items for "Shoulder Reconstruction" and "Aggregate Shoulder Borrow". The "Bid Form" has also been revised to include a line item for "Incidental Stone Base". Please replace the original Pages 99 - 100 "Bid Form" with the attached revised Pages 99 - 100 "Bid Form".

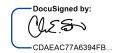
Plan Sheet No. 2 "Typical Section #1" has been revised to remove the reference to "Aggregate Shoulder Borrow". Please replace the original Plan Sheet No. 2 "Typical Section #1" with the attached revised Plan Sheet No. 2 "Typical Section #1".

Plan Sheet No. 3 "Typical Section #2" has been revised to remove the reference to "Aggregate Shoulder Borrow". Please replace the original Plan Sheet No. 3 "Typical Section #2" with the attached revised Plan Sheet No. 3 "Typical Section #2".

Website: www.ncdot.gov

Plan Sheet No. 5 "Summary of Quantities" has been revised to remove the line items for "Shoulder Reconstruction" and "Aggregate Shoulder Borrow". The "Summary of Quantities" has also been revised to include a line item for "Incidental Stone Base". Please replace the original Plan Sheet No. 5 "Summary of Quantities" with the attached revised Plan Sheet No. 5 "Summary of Quantities".

# Sincerely,



C. E. Slachta Division Contract Engineer

Cc: C. W. Bridgers, Jr., PE

R. K. Sawyer, PE

R. W. Midgett, PE

W. B. Hobbs, PE

M. B. Gill, PE

D. B. Otts, PE

E. S. Sedlacek

M. Proctor

**REVISED 6/1/2023** 

## STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION HIGHWAY DIVISION 1

# **PROPOSAL**

DATE AND TIME OF BID OPENING: JUNE 21, 2023 AT 2:00 PM

**CONTRACT ID: DA00572** 

WBS ELEMENT NO.: 2023CPT.01.14.10941.1

**COUNTY: WASHINGTON** 

**MILES: 7.24 MILES** 

**ROUTE NO.: SECTIONS OF US 64 AND RAMPS** 

TYPE OF WORK MILLING, RESURFACING, OGFC & SHOULDER RECONSTRUCTION

### NOTICE:

ALL BIDDERS SHALL COMPLY WITH ALL APPLICABLE LAWS REGULATING THE PRACTICE OF GENERAL CONTRACTING AS CONTAINED IN CHAPTER 87 OF THE GENERAL STATUTES OF NORTH CAROLINA WHICH REQUIRES THE BIDDER TO BE LICENSED BY THE N.C. LICENSING BOARD FOR CONTRACTORS WHEN BIDDING ON ANY NON-FEDERAL AID PROJECT WHERE THE BID IS \$30,000 OR MORE, EXCEPT FOR CERTAIN SPECIALTY WORK AS DETERMINED BY THE LICENSING BOARD. BIDDERS SHALL ALSO COMPLY WITH ALL OTHER APPLICABLE LAWS REGULATING THE PRACTICES OF ELECTRICAL, PLUMBING, HEATING AND AIR CONDITIONING AND REFRIGERATION CONTRACTING AS CONTAINED IN CHAPTER 87 OF THE GENERAL STATUTES OF NORTH CAROLINA. NOTWITHSTANDING THESE LIMITATIONS ON BIDDING, THE BIDDER WHO IS AWARDED ANY FEDERAL - AID FUNDED PROJECT SHALL COMPLY WITH CHAPTER 87 OF THE GENERAL STATUTES OF NORTH CAROLINA FOR LICENSING REQUIREMENTS WITHIN 60 CALENDAR DAYS OF BID OPENING.

THIS IS A DIVISION LET PROJECT

5% BID BOND OR BID DEPOSIT REQUIRED

NAME OF BIDDER

ADDRESS OF BIDDER

### **ROADWAY SPECIAL PROVISIONS**

### **SHOULDER RECONSTRUCTION PER SHOULDER MILE:**

(1-18-00) (Rev. 1-17-23) 560, 1019 SP1 R07R — Div1

### **Description**

The work covered by this provision consists of clipping high shoulders and reconstructing the earth shoulder in accordance with Standard Drawing No. 560.01 and 560.02 of the *Roadway Standard Drawings* with the following exceptions: the width will be shown on typical sections, or to the existing shoulder point, whichever is nearer, as long as the desired typical is achieved. Seeding and mulching shall be performed upon completion of shoulder grading

This work shall be performed immediately after the resurfacing operations are complete as directed by the Engineer.

### **Materials**

The Contractor shall furnish all earth material necessary for the construction of the shoulders in accordance with Section 1019 of the *Standard Specifications*. All soil is subject to test and acceptance or rejection by the Engineer.

The Contractor is required to use Aggregate Shoulder Borrow (ASB) on all maps with Shoulder Reconstruction.

ASB shall meet the following gradation:

| <u>Sieve</u> | Percent Passing    |
|--------------|--------------------|
| 1 1/2"       | <del>100</del>     |
| 1/2"         | <del>55 - 95</del> |
| #4           | <del>35 - 74</del> |

### **Construction Methods**

Obtain material from within the project limits or approved source. Prior to adding ASB material, the existing shoulder shall be scarified to provide the proper bond and shall be compacted to the satisfaction of the Engineer.

Any excess material generated by the shoulder reconstruction shall be disposed of by the Contractor in an approved disposal site.

### **Measurement and Payment**

Shoulder Reconstruction will be measured and paid as the actual number of miles of shoulders that have been reconstructed and accepted by the Engineer. Measurement will be made along the surface of each shoulder to the nearest 0.01 of a mile. Such price will include disposing of any excess material in an approved disposal site, and for all labor, tools, equipment, and incidentals necessary to complete the work.

Aggregate Shoulder Borrow will be measured and paid at the contract unit price per ton that has been incorporated into the completed work that is accepted by the Engineer. The number of tons of material is determined by weighing the material in trucks in accordance with Article 106-7. No deductions will be made for any moisture contained in the aggregate at time of weighing.

Borrow Excavation will be measured and paid in accordance with Section 230 of the Standard Specifications for earth material furnished by the Contractor. The requirements of Article 104-5 of the Standard Specifications pertaining to revised contract prices for overrunning minor items will not apply to the item of Borrow Excavation.

*Incidental Stone Base* will be measured and paid as provided in Article 545-6 of the *Standard Specifications*. Where ASB is used, *Incidental Stone Base* will not be required.

Seeding and Mulching will be measured and paid as provided in Article 1660-8 of the Standard Specifications.

Payment will be made under:

Pay Item
Shoulder Reconstruction
Aggregate Shoulder Borrow

Pay Unit
Shoulder Mile
Ton

### **SHOULDER RECONSTRUCTION PROCEDURE:**

(7-1-95) (Rev. 10-15-13) 560

SP1 R10BR

Perform shoulder reconstruction immediately following paving operations and in no case allow paving operations to exceed shoulder operations by more than two weeks without written permission of the Engineer. Failure to meet this requirement shall be cause to cease paving operations until it can be met. Place final pavement marking after shoulder reconstruction.

Upon completion of shoulder reconstruction, remove construction signs and use on other projects or store at the county maintenance installation or as directed by the Engineer.

### **CONSTRUCTION SEQUENCE:**

(7-1-95) (Rev. 8-21-12) 560 SP1 R34R

Pave each section of roadway begun in a continuous operation. Do not begin work on another section of roadway unless satisfactory progress is being made toward completion of intersections and all other required incidental work by satisfactorily furnishing additional paving equipment and personnel, except for milling and patching operations.

DA00572 59 STATE

### **EXTRUDED THERMOPLASTIC PAVEMENT MARKING THICKNESS:**

3-19-19 (Rev. 6-21-22) 1205 SP12 R05

Revise the 2018 Standard Specifications as follows:

Page 12-6, Subarticle 1205-4(A)(1) General, lines 5-8, delete the second sentence and replace with the following:

Use application equipment that provides multiple width settings ranging from 4 inches to 12 inches and multiple thickness settings to achieve the required thickness above the surface of the pavement as shown in Table 1205-3.

# Page 12-7, Table 1205-3, THICKNESS REQUIREMENTS FOR THERMOPLASTIC, replace with the following:

|           | TABLE 1205-3   |  |  |  |  |  |  |  |  |  |  |  |  |
|-----------|--|--|--|--|--|--|--|--|--|--|--|--|--|
| MIN       | MINIMUM THICKNESS REQUIREMENTS FOR THERMOPLASTIC                                   |  |  |  |  |  |  |  |  |  |  |  |  |
| Thickness | Location   |  |  |  |  |  |  |  |  |  |  |  |  |
| 240 mils  | In-lane and shoulder-transverse pavement markings (rumble strips). May be          |  |  |  |  |  |  |  |  |  |  |  |  |
|           | placed in 2 passes.  |  |  |  |  |  |  |  |  |  |  |  |  |
| 90 mils   | Center lines, skip lines, transverse bands, mini-skip lines, characters, bike lane |  |  |  |  |  |  |  |  |  |  |  |  |
|           | symbols, crosswalk lines, edge lines, gore lines, diagonals, and arrow symbols     |  |  |  |  |  |  |  |  |  |  |  |  |

### **REVISED 6/1/2023**

### **INCIDENTAL STONE BASE:**

(7-1-95) (Rev.8-21-12) SP5 R28R

Description

Place incidental stone base on driveways, mailboxes, etc. immediately after paving and do not have the paving operations exceed stone base placement by more than one week without written permission of the Engineer.

Materials and Construction

Provide and place incidental stone base in accordance with Section 545 of the 2018 Standard Specifications.

Measurement and Payment

*Incidental Stone Base* will be measured and paid in accordance with Article 545-6 of the 2018 Standard Specifications.

ITEMIZED PROPOSAL FOR CONTRACT NO. DA00572

Jun 01, 2023 1:12 PM

County: WASHINGTON

Line Item Number Sec Description Quantity **Unit Cost Amount** # # **ROADWAY ITEMS** 0001 0000100000-N 800 **MOBILIZATION** Lump Sum L.S. 0004 1297000000-E 607 MILLING ASPHALT PAVEMENT, \*\*\*" 133,337 DEPTH SY (1-1/2")0005 1330000000-E 607 INCIDENTAL MILLING 7,701 SY 0006 1523000000-E 610 ASPHALT CONC SURFACE COURSE, 12,963 TYPE S9.5C TON 0007 1575000000-E 620 ASPHALT BINDER FOR PLANT MIX 781 TON 230 8000 620 POLYMER MODIFIED ASPHALT 1577000000-E BINDER FOR PLANT MIX TON 0009 650 OPEN-GRADED ASPHALT FRICTION 3,778 1662000000-E COURSE, TYPE FC-1 MODIFIED TON 0010 1705000000-E SP PATCHING EXISTING PAVEMENT 74 (FULL DEPTH) TON 1840000000-E 665 MILLED RUMBLE STRIPS (ASPHALT 71,808 0011 CONCRETE) LF 0012 4413000000-E SP WORK ZONE ADVANCE/GENERAL 484 WARNING SIGNING SF WORK ZONE DIGITAL SPEED LIMIT 0013 4423000000-N SP 5 EΑ **SIGNS** SP TEMPORARY TRAFFIC CONTROL 0014 4457000000-N Lump Sum L.S. 0015 4688000000-E 1205 THERMOPLASTIC PAVEMENT 86,452 MARKING LINES (6", 90 MILS) LF 0016 4695000000-E 1205 THERMOPLASTIC PAVEMENT 37 MARKING LINES (8", 90 MILS) 1 F THERMOPLASTIC PAVEMENT 0017 4700000000-E 1205 1,000 MARKING LINES (12", 90 MILS) LF THERMOPLASTIC PAVEMENT 0018 4709000000-E 1205 45 MARKING LINES (24", 90 MILS) LF 0019 4725000000-E 1205 THERMOPLASTIC PAVEMENT 3 MARKING SYMBOL (90 MILS) EΑ

Jun 01, 2023 1:12 PM

ITEMIZED PROPOSAL FOR CONTRACT NO. DA00572

REVISED 6/1/2023

Page 2 of 2

| County: | WASHINGTON |
|---------|------------|
| County. | WASHINGION |

| Line<br># | Item Number  | Sec<br># | Description                                   | Quantity     | Unit Cost | Amount |
|-----------|--------------|----------|---|--------------|-----------|--------|
| 0020      | 4810000000-E | 1205     | PAINT PAVEMENT MARKING LINES (4")             | 86,452<br>LF |           |        |
| 0021      | 4820000000-E | 1205     | PAINT PAVEMENT MARKING LINES (8")             | 37<br>LF     |           |        |
| 0022      | 4825000000-E | 1205     | PAINT PAVEMENT MARKING LINES<br>(12")         | 1,000<br>LF  |           |        |
| 0023      | 4835000000-E | 1205     | PAINT PAVEMENT MARKING LINES (24")            | 45<br>LF     |           |        |
| 0024      | 4845000000-N | 1205     | PAINT PAVEMENT MARKING SYMBOL                 | 3<br>EA      |           |        |
| 0025      | 4900000000-N | 1251     | PERMANENT RAISED PAVEMENT<br>MARKERS          | 14<br>EA     |           |        |
| 0026      | 4905100000-N | SP       | NON-CAST IRON SNOWPLOWABLE<br>PAVEMENT MARKER | 428<br>EA    |           |        |
| <br>0027  | 1220000000-E | 545      | INCIDENTAL STONE BASE                         | 20<br>TON    |           |        |
|           |              |          |   |              |           |        |

1312/Jun01/Q406699/D84479200000/E25

Total Amount Of Bid For Entire Project :

# C1 PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5 C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD. C2 PROP. APPROX. 0.75" OPEN-GRADED ASPHALT FRICTION COURSE, TYPE F C-1 AT AN AVERAGE RATE OF 90 LBS. PER SQ. YD. M REPLACE EXISTING RUMBLE STRIPS U EXISTING PAVEMENT V1 MILLING ASPHALT PAVEMENT 1.5"

**PAVEMENT SCHEDULE** 

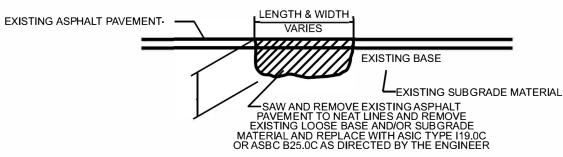
# NOTES:

\* ALL INTERSECTING ROADS ARE TO BE RESURFACED TO THE ENDS OF THEIR RADII, THE MAIN LINE RIGHT OF WAY OR AS DIRECTED BY THE ENGINEER. THIS SHALL INCLUDE ANY TAPERS AND TURN LANES LOCATED BOTH ON THE MAIN LINE OR INTERSECTING PAVED ROADWAY.

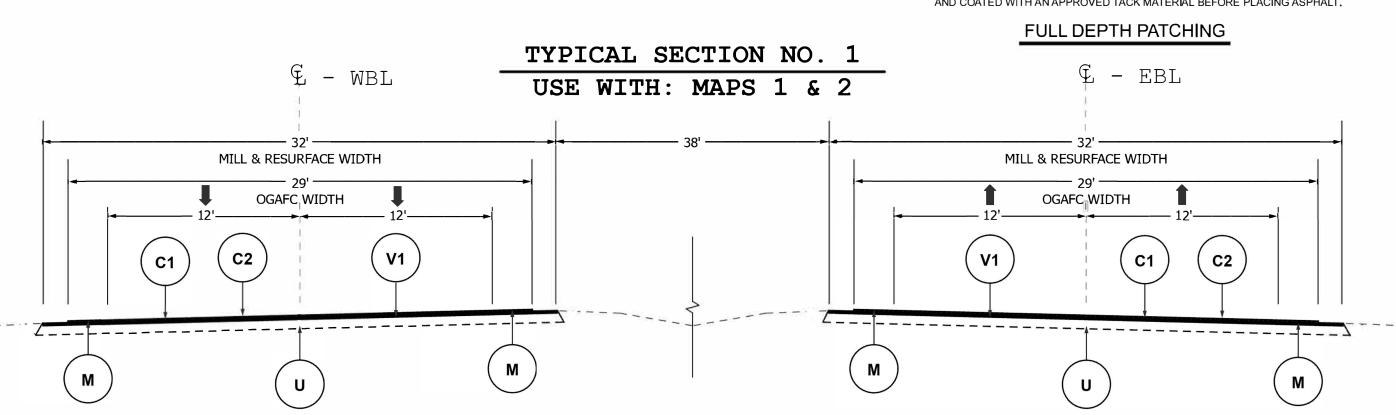
| STATE | STATE PROJECT REFERENCE       | ENUMBER   | SHEET<br>NO. |  |  |  |  |  |  |  |  |
|-------|-------------------------------|-----------|--------------|--|--|--|--|--|--|--|--|
| NC    | 2023CPT.01.14.10941.1         |           |              |  |  |  |  |  |  |  |  |
|       | STATE PROJECT NUMBER DESCRIPT |           |              |  |  |  |  |  |  |  |  |
|       | 2023CPT.01.14.10941.1         | P.E., CON | ST.          |  |  |  |  |  |  |  |  |

REVISED 6/1/2023

- \* EDGES, PAVEMENT WIDENING, INTERSECTIONS AND BRIDGE FLARES ARE INCLUDED IN THE SUMMARY OF QUANTITIES.
- \* EXISTING MILLED RUMBLE STRIPS TO BE MILLED & REPLACED
- \* 1.5" MILLING AND 1.5" OF S9.5C TO BE APPLIED 32' WIDE OR THE FULL WIDTH OF THE ROADWAY
- \* OPEN GRADE ASPHALT FRICTION COURSE IS TO BE APPLIED TO THE ACCELERATION & DECELERATION LANES
- \* IN AREAS WITH MEDIAN CONCRETE BARRIER WALL, THE CONTRACTOR SHALL MILL AS CLOSE TO THE WALL AS POSSIBLE, NOT TO EXCEED 6" FROM WALL
- \*SEE DETAIL DRAWING IN PLANS AND "NCDOT 2018 ROADWAY STANDARD DRAWINGS" (665.01 SHEET 2 OF 2) FOR PLACEMENT OF ASPHALT SHOULDERS MILLED RUMBLE STRIPS



\*NOTE: EDGES OF PATCHED AREA ARE TO BE CLEANED OF ALL DEBRIS AND COATED WITH AN APPROVED TACK MATERIAL BEFORE PLACING ASPHALT.



# **PAVEMENT SCHEDULE**

| C1 | PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5 C,<br>AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.   |
|----|--|
| C2 | PROP. APPROX. 0.75" OPEN-GRADED ASPHALT FRICTION COURSE, TYPE F<br>C-1 AT AN AVERAGE RATE OF 90 LBS. PER SQ. YD. |
| М  | REPLACE EXISTING RUMBLE STRIPS   |
| U  | EXISTING PAVEMENT  |
| V1 | MILLING ASPHALT PAVEMENT 1.5"  |
| V2 | INCIDENTAL MILLING   |

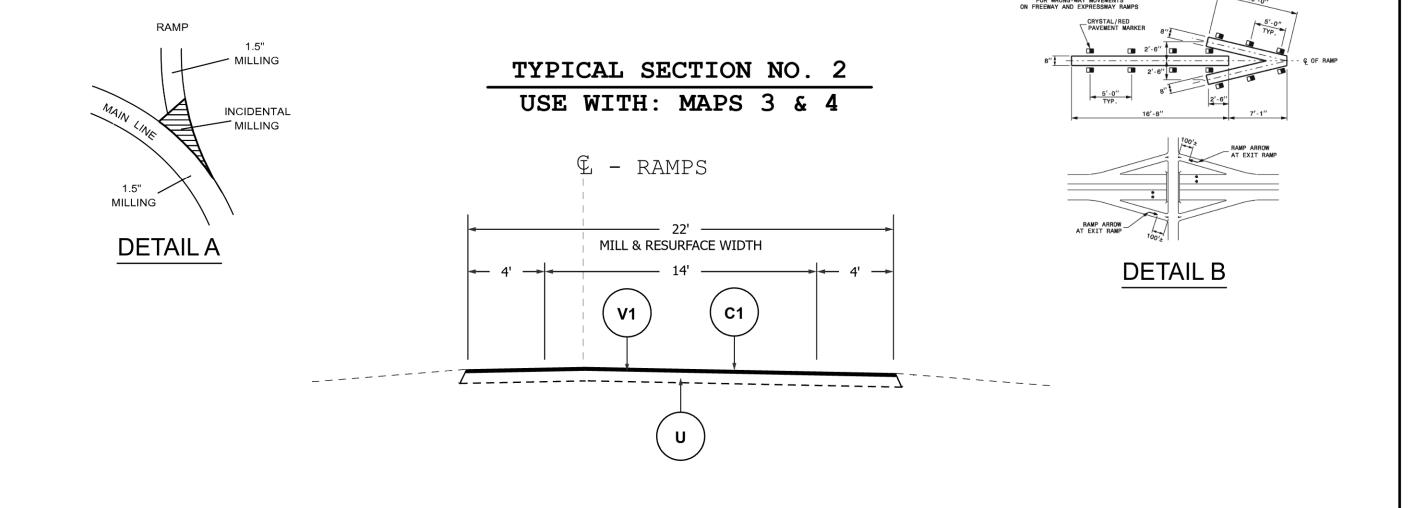
# NOTES:

\* ALL INTERSECTING ROADS ARE TO BE RESURFACED TO THE ENDS OF THEIR RADII, THE MAIN LINE RIGHT OF WAY OR AS DIRECTED BY THE ENGINEER. THIS SHALL INCLUDE ANY TAPERS AND TURN LANES LOCATED BOTH ON THE MAIN LINE OR INTERSECTING PAVED ROADWAY.

| STATE | STATE PROJECT REFERENCE       | E NUMBER | SHEET<br>NO. |  |  |  |  |  |  |  |  |  |
|-------|-------------------------------|----------|--------------|--|--|--|--|--|--|--|--|--|
| NC    | 2023CPT.01.14.10              | 3        |              |  |  |  |  |  |  |  |  |  |
|       | STATE PROJECT NUMBER DESCRIPT |          |              |  |  |  |  |  |  |  |  |  |
|       | 2023CPT 01 14 10941 1         | PE CON   | ST           |  |  |  |  |  |  |  |  |  |

**REVISED 6/1/2023** 

- \* EDGES, PAVEMENT WIDENING, INTERSECTIONS AND BRIDGE FLARES ARE INCLUDED IN THE SUMMARY OF QUANTITIES.
- \* EXISTING MILLED RUMBLE STRIPS TO BE MILLED & REPLACED
- \* 1.5" MILLING AND 1.5" OF S9.5C TO BE APPLIED 22' WIDE OR THE FULL WIDTH OF THE ROADWAY
- \*SEE DETAIL DRAWING IN PLANS AND "NCDOT 2018 ROADWAY STANDARD DRAWINGS" (665.01 SHEET 2 OF 2) FOR PLACEMENT OF ASPHALT SHOULDERS MILLED RUMBLE STRIPS



| STATE | STATE PROJECT REFERENCE        | NUMBER    | SHEET<br>NO. |  |  |  |  |  |  |  |  |
|-------|--------------------------------|-----------|--------------|--|--|--|--|--|--|--|--|
| NC    | 2023CPT.01.14.10941.1          |           |              |  |  |  |  |  |  |  |  |
| :     | STATE PROJECT NUMBER DESCRIPTI |           |              |  |  |  |  |  |  |  |  |
|       | 2023CPT.01.14.10941.1          | P.E., CON | ST.          |  |  |  |  |  |  |  |  |

# REVISED 6/1/2023

# SUMMARY OF QUANTITIES

|                          |           |        |                          |                                 |        |       |      |          |          |           |        |       | 0000100000-N | 1220000000-E | 1297000000-E | 1330000000-E | 1523000000-E  | 1575000000-E | 1577000000-E   | 1662000000-E | 1705000000-E   | 184000000-E   |
|--------------------------|-----------|--------|--------------------------|---------------------------------|--------|-------|------|----------|----------|-----------|--------|-------|--------------|--------------|--------------|--------------|---------------|--------------|----------------|--------------|----------------|---------------|
| PROJECT NO CO            | OUNTY     | MAP NO | ROUTE                    | DESCRIPTION                     | TYP NO | LANES | LANE | FINAL    | WARM MIX | MATERIALS | LENGTH | WIDTH | MOBILIZATION | INCIDENTAL   | MILLING      | INCIDENTAL   | ASPHALT CONC  | ASPHALT      | POLYMER        | OPEN-GRADED  | PATCHING       | MILLED        |
|                          |           |        |                          |                                 |        |       | TYPE | SURFACE  | ASPHALT  | TRANSFER  |        |       |              | STONE BASE   | ASPHALT      | MILLING      | SURFACE       | BINDER FOR   | MODIFIED       | ASPHALT      | EXISTING       | RUMBLE STRIPS |
|                          |           |        |                          |                                 |        |       |      | TESTING  | REQUIRED | VEHICLE   |        |       |              |              | PAVEMENT     |              | COURSE, S9.5C | PLANT MIX    | ASPHALT BINDER | FRICTION     | PAVEMENT, FULL | . (ASPHALT    |
|                          |           |        |                          |                                 |        |       |      | REQUIRED |          | REQUIRED  |        |       |              |              | (1½")        |              |               |              | FOR PLANT MIX  | COURSE, FC-1 | DEPTH          | CONCRETE)     |
|                          |           |        |                          |                                 |        |       |      |          |          |           |        |       |              |              |              |              |               |              |                | MODIFIED     |                |               |
|                          |           |        |                          |                                 |        |       |      |          |          |           | MI     | FT    | LS           | TONS         | SY           | SY           | TONS          | TONS         | TON            | TONS         | TON            | LF            |
| 2023CPT.01.14.10941.1 Wa | ashington | 1      | US-64 E                  | BRIDGE #109 TO BRIDGE #113      | 1      | 2     | MD   | NO       | NO       | Yes       | 3.40   | 32    | 1            |              | 63,829       | 3,931        | 6,251         | 376          | 115            | 1,885        | 30.00          | 35,904        |
| 2023CPT.01.14.10941.1 Wa | ashington | 2      | US-64 W                  | BRIDGE #112 TO BRIDGE #108      | 1      | 2     | MD   | NO       | NO       | Yes       | 3.40   | 32    | *            |              | 63,829       | 3,150        | 6,186         | 373          | 115            | 1,893        | 36.00          | 35,904        |
| 2023CPT.01.14.10941.1 Wa | ashington | 3      | RMP-6661 (ENTRANCE RAMP) | SR 1375 NORTHLINE RD TO US 64 E | 2      | 2     |      | NO       | NO       | Yes       | 0.17   | 22    | *            | 10           | 2,194        | 320          | 203           | 12           |                |              | 4.00           |               |
| 2023CPT.01.14.10941.1 Wa | ashington | 4      | RMP-6658 (EXIT RAMP)     | US 64 W TO NC 37 (BEASLEY RD)   | 2      | 2     |      | NO       | NO       | Yes       | 0.27   | 22    | *            | 10           | 3,485        | 300          | 323           | 20           |                |              | 4.00           |               |
|                          |           |        | ·                        | GRAND TOTAL                     |        |       |      |          |          |           | 7.24   |       | 1            | 20           | 133,337      | 7,701        | 12,963        | 781          | 230            | 3,778        | 74.00          | 71,808        |

# THERMOPLASTIC AND PAINT QUANTITIES

|                      | 44130            |        |                          |                                 |        |            |          |          |           |        |       |                     |               |              | 468800        | 00000-Е       | 4695000000-E  | 4700000000-E   | 4709000000-E  | 4725000000-E    |
|----------------------|------------------|--------|--------------------------|---------------------------------|--------|------------|----------|----------|-----------|--------|-------|---------------------|---------------|--------------|---------------|---------------|---------------|----------------|---------------|-----------------|
| PROJECT NO           | COUNTY           | MAP NO | ROUTE                    | DESCRIPTION                     | TYP NO | LANES LANI | FINAL    | WARM MIX | MATERIALS | LENGTH | WIDTH | WORK ZONE           | WORK ZONE     | TEMPORARY    | THERMOPLASTIC | THERMOPLASTIC | THERMOPLASTIC | THERMOPLASTIC  | THERMO        | THERMOPLASTIC   |
|                      |                  |        |                          |                                 |        | ТҮРЕ       | SURFACE  | ASPHALT  | TRANSFER  |        |       | ADVANCE/GEN         | DIGITAL SPEED | TRAFFIC      | PAVEMENT      | PAVEMENT      | PAVEMENT      | PAVEMENT       | PAVEMENT      | PAVEMENT        |
|                      |                  |        |                          |                                 |        | 1 1        | TESTING  | REQUIRED | VEHICLE   |        |       | <b>ERAL WARNING</b> | LIMIT SIGNS   | CONTROL (SP) | MARKING LINES | MARKING LINES | MARKING LINES | MARKING LINES  | MARKING LINES | MARKING         |
|                      |                  |        |                          |                                 |        | 1 1        | REQUIRED |          | REQUIRED  |        |       | SIGNING             |               |              | (6", 90 MILS) | (6", 90 MILS) | (8", 90 MILS) | (12", 90 MILS) | (24" 90 MILS) | SYMBOL (90      |
|                      |                  |        |                          |                                 |        | 1 1        |          |          |           |        |       |                     |               |              | WHITE         | YELLOW        | WHITE         |                | (SP)          | MILS), LT ARROW |
|                      |                  |        |                          |                                 |        | 1 1        |          |          |           |        |       |                     |               |              |               |               |               |                |               |                 |
|                      |                  |        |                          |                                 |        | 1 1        |          |          |           |        |       |                     |               |              |               |               |               |                |               |                 |
|                      |                  |        |                          |                                 |        |            |          |          |           | MI     | FT    | SF                  | EA            | LS           | LF            | LF            | LF            | LF             | LF            | EA              |
| 2023CPT.01.14.10941. | 1 Washington     | 1      | US-64 E                  | BRIDGE #109 TO BRIDGE #113      | 1      | 2 MD       | NO       | NO       | Yes       | 3.40   | 32    | 190                 | 5             | 1            | 22,950        | 17,952        |               |                |               |                 |
| 2023CPT.01.14.10941. | 1 Washington     | 2      | US-64 W                  | BRIDGE #112 TO BRIDGE #108      | 1      | 2 MD       | NO       | NO       | Yes       | 3.40   | 32    | 190                 | *             | *            | 22,950        | 17,952        |               |                |               |                 |
| 2023CPT.01.14.10941. | 1 Washington     | 3      | RMP-6661 (ENTRANCE RAMP) | SR 1375 NORTHLINE RD TO US 64 E | 2      | 2          | NO       | NO       | Yes       | 0.17   | 22    | 88                  |               | *            | 898           | 898           |               | 400            |               | 3               |
| 2023CPT.01.14.10941. | 1 Washington     | 4      | RMP-6658 (EXIT RAMP)     | US 64 W TO NC 37 (BEASLEY RD)   | 2      | 2          | NO       | NO       | Yes       | 0.27   | 22    | 16                  |               | *            | 1,426         | 1,426         | 37            | 600            | 45            |                 |
|                      | GRAND TOTAL 7.24 |        |                          |                                 |        |            |          |          |           |        |       |                     | 5             | 1            | 48,224        | 38,228        | 37            | 1,000          | 45            | 3               |
|                      |                  |        |                          | GRAND TOTAL                     |        |            |          |          |           | 7.24   |       |                     |               |              | 86,452        |               |               |                |               |                 |

|                       |             |        |                          |                                 |        |       |      |          |          |           |        |       | 481000        | 0000-E     | 4820000000-E | 4825000000-E  | 4835000000-E  | 4845000000-N | 490000000-N | 4905100000-N  |
|-----------------------|-------------|--------|--------------------------|---------------------------------|--------|-------|------|----------|----------|-----------|--------|-------|---------------|------------|--------------|---------------|---------------|--------------|-------------|---------------|
| PROJECT NO            | COUNTY      | MAP NO | ROUTE                    | DESCRIPTION                     | TYP NO | LANES | LANE | FINAL    | WARM MIX | MATERIALS | LENGTH | WIDTH | PAINT         | PAINT      | PAINT        | PAINT         | PAINT         | PAINT        | PERMANENT   | NON-CAST IRON |
|                       |             |        |                          |                                 |        |       | TYPE | SURFACE  | ASPHALT  | TRANSFER  |        |       | PAVEMENT      | PAVEMENT   | PAVEMENT     | PAVEMENT      | PAVEMENT      | PAVEMENT     | RAISED      | SNOWPLOWABL   |
|                       |             |        |                          |                                 |        |       |      | TESTING  | REQUIRED | VEHICLE   |        |       | MARKING LINES | MARKING    | MARKING      | MARKING LINES | MARKING LINES | MARKING      | PAVEMENT    | E PAVEMENT    |
|                       |             |        |                          |                                 |        |       |      | REQUIRED |          | REQUIRED  |        |       | (4") WHITE    | LINES (4") | LINES (8")   | (12")         | (24")         | SYMBOL (LT   | MARKERS     | MARKER        |
|                       |             |        |                          |                                 |        |       |      |          |          |           |        |       |               | YELLOW     | WHITE        |               |               | ARROW)       |             |               |
|                       |             |        |                          |                                 |        |       |      |          |          |           | MI     | FT    | LF            | LF         | LF           | LF            | LF            | EA           | EA          | EA            |
| 2023CPT.01.14.10941.1 | Washington  | 1      | US-64 E                  | BRIDGE #109 TO BRIDGE #113      | 1      | 2     | MD   | NO       | NO       | Yes       | 3.40   | 32    | 22,950        | 17,952     |              |               |               |              |             | 214           |
| 2023CPT.01.14.10941.1 | Washington  | 2      | US-64 W                  | BRIDGE #112 TO BRIDGE #108      | 1      | 2     | MD   | NO       | NO       | Yes       | 3.40   | 32    | 22,950        | 17,952     |              |               |               |              |             | 214           |
| 2023CPT.01.14.10941.1 | Washington  | 3      | RMP-6661 (ENTRANCE RAMP) | SR 1375 NORTHLINE RD TO US 64 E | 2      | 2     |      | NO       | NO       | Yes       | 0.17   | 22    | 898           | 898        |              | 400           |               | 3            |             |               |
| 2023CPT.01.14.10941.1 | Washington  | 4      | RMP-6658 (EXIT RAMP)     | US 64 W TO NC 37 (BEASLEY RD)   | 2      | 2     |      | NO       | NO       | Yes       | 0.27   | 22    | 1,426         | 1,426      | 37           | 600           | 45            |              | 14          |               |
|                       | GRAND TOTAL |        |                          |                                 |        |       |      |          |          |           |        |       | 48,224        | 38,228     | 37           | 1,000         | 45            | 3            | 14          | 428           |
|                       | GRAND TOTAL |        |                          |                                 |        |       |      |          |          |           |        |       | 86,           | 452        |              |               |               |              |             |               |