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| PROJ. REFERENCE NO. | SHEET NO. |
| R-2206AA | TCP-3 |

PHASING

PHASE I

- STEP 1. INSTALL ALL WORK ZONE ADVANCE WARNING SIGNS ON NC 16, SEE TCP-13. IF WORK IS NOT PURSUED WITHIN THREE DAYS OF SIGN INSTALLATION, THE SIGNS SHALL BE COVERED OR REMOVED IN A METHOD APPROVED BY THE ENGINEER ACCORDING TO STANDARD SPECS SECTION 1110. ADVANCE WARNING SIGNS SHALL BE INSTALLED WHEN CONSTRUCTION IS WITHIN 31 METERS OF EXISTING TRAVEL LANE.
- STEP 2. AWAY FROM TRAFFIC, PAVE THE FOLLOWING UP TO AND INCLUDING THE FINAL LAYER OF SURFACE COURSE (SEE TCP-4) :

STA. 25+40+/- -L- TO STA. 102+80+/- -L- (SBL)
 STA. 25+40+/- -L- TO STA. 102+80+/- -L- (NBL)
 STA. 0+00+/- RP -B- TO STA. 6+72+/- RP -B- (NC 73)
 STA. 0+00+/- RP -C- TO STA. 3+30+/- RP -C- (NC 73)
 STA. 0+66+/- RP -D- TO STA. 4+51+/- RP -D- (NC 73)

AWAY FROM TRAFFIC, CONSTRUCT THE FOLLOWING UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE (SEE TCP-4) :

STA. 16+80+/- -L- TO STA. 25+40+/- -L- (SBL)
 STA. 14+20+/- -L- TO STA. 25+40+/- -L- (NBL)
 STA. 0+00+/- RP -A- TO STA. 5+60+/- RP -A-
 STA. 0+00+/- RP -B- TO STA. 4+40+/- RP -B-
 STA. 0+00+/- RP -BC- TO STA. 7+80+/- RP -BC-
 STA. 0+00+/- RP -CA- TO STA. 11+00+/- RP -CA-

- STEP 3. AWAY FROM TRAFFIC, PLACE TEMPORARY (PAINT) PAVEMENT MARKINGS AND TEMPORARY MARKERS (SEE PM-9 THRU PM-17) AS FOLLOWS:

STA. 25+40+/- -L- TO STA. 94+26+/- -L- (SBL)
 STA. 25+40+/- -L- TO STA. 96+91+/- -L- (NBL)
 STA. 0+00+/- RP -B- TO STA. 6+72+/- RP -B- (NC 73)
 STA. 0+00+/- RP -C- TO STA. 3+30+/- RP -C- (NC 73)

PHASE II

- STEP 1. USING RSD NO. 1101.02 (SHEET 3 OF 7), CONSTRUCT NC 16 TEMPORARY MEDIAN CROSSOVERS -CR1- AND -CR2- UP TO THE EXISTING PAVEMENT ELEVATION AS SHOWN ON THE CONSTRUCTION PLANS. INSTALL TEMPORARY DRAINAGE, SEE TCP-6.

THE CONTRACTOR SHALL COMPLETE THE WORK REQUIRED OF PHASE II, STEPS 2 THRU 6 IN 90 CONSECUTIVE CALENDER DAYS. (SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES).

PERFORM STEP 2 AND STEP 3 IN A CONTINUOUS OPERATION:

- STEP 2. USING TCP-7 AND TCP-7A, CLOSE THE EXISTING NC 16 SOUTHBOUND MEDIAN TRAVEL LANE AND PLACE TEMPORARY PAVEMENT MARKINGS (TAPE) AS MUCH AS POSSIBLE FOR TEMPORARY TWO-LANE, TWO-WAY TRAFFIC PATTERN.
- STEP 3. USING RSD 1101.03, SHEET 4 OF 9 (EXCLUDING PORTABLE CONCRETE BARRIER), SHIFT EXISTING NC 16 NORTHBOUND TRAFFIC INTO THE CROSSOVERS IN A TWO-LANE, TWO-WAY PATTERN, SEE TCP-7 AND TCP-7A.

- STEP 4. AWAY FROM TRAFFIC, COMPLETE CONSTRUCTION OF THE FOLLOWING UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE, SEE TCP-5:

STA. 10+00+/- -L- TO STA. 14+20+/- -L- (NBL)
 STA. 11+00+/- RP -CA- TO STA. 13+04+/- RP -CA-
 STA. 5+60+/- RP -A- TO STA. 7+80+/- RP -A-

INSTALL AND COVER PROPOSED GUIDE SIGNING FOR -L- NORTHBOUND AND RAMP CA FINAL PATTERN, SEE SIGNING PLANS.

INSTALL ALL WORK ZONE ADVANCE WARNING SIGNS ON NC 73, SEE TCP-12. IF WORK IS NOT PURSUED WITHIN THREE DAYS OF SIGN INSTALLATION, THE SIGNS SHALL BE COVERED OR REMOVED IN A METHOD APPROVED BY THE ENGINEER ACCORDING TO STANDARD SPECS SECTION 1110. ADVANCE WARNING SIGNS SHALL BE INSTALLED WHEN CONSTRUCTION IS WITHIN 31 METERS OF EXISTING TRAVEL LANE.

USING FLAGGERS, PLACE TEMPORARY (PAINT) PAVEMENT MARKINGS AND TEMPORARY MARKERS FROM STA. 9+20+/- -Y7- (NC 73) TO STA. 21+00+/- -Y7- (NC 73), (SEE PM-16 THRU PM-19).

INSTALL SIGNAL POLES AND CONTROLLERS AT THE RP-B-/-Y7- (NC 73)/-Y12- INTERSECTION AND THE RP-C-/-Y7- (NC 73)/RP-D- INTERSECTION.

PERFORM STEP 5 AND STEP 6 IN A CONTINUOUS OPERATION:

- STEP 5. USING FLAGGERS, RESURFACE NC 16 NORTHBOUND LANES (SEE PM-2, PM-8, AND PM-8A) AS FOLLOWS:

STA. 8+51+/- -L- TO STA. 10+00+/- -L- (NBL)
 358m+/- NORTH FROM STA. 7+80+/- RP -A-

USING FLAGGERS, CONSTRUCT THE FOLLOWING UP TO AND INCLUDING THE FINAL LAYER OF SURFACE COURSE AND PLACE PAVEMENT MARKINGS (PAINT) AND MARKERS, (SEE PM-2 THRU PM-9) AS FOLLOWS:

STA. 8+51+/- -L- TO STA. 25+40+/- -L- (NBL)
 STA. 0+00+/- RP -CA- TO STA. 13+04+/- RP -CA-
 STA. 0+00+/- RP -A- TO STA. 7+80+/- RP -A-
 STA. 0+00+/- RP -BC- TO STA. 0+80+/- RP -BC-

- STEP 6. ADJUST TRAFFIC CONTROL DEVICES ON NC 16 NORTHBOUND AND SIMULTANEOUSLY SWITCH TRAFFIC ONTO -L- NORTHBOUND AND RAMP CA. CLOSE OFF TEMPORARY MEDIAN CROSSOVERS -CR1- AND -CR2- TO TRAFFIC, SEE TCP-8 AND PM-2 THRU PM-17.

ACTIVATE TRAFFIC SIGNAL AT THE NC 73 RP-C-/RP-D- INTERSECTION.

- STEP 7. REMOVE ANY REMAINING EXISTING NC 16 PAVEMENT, SEE TCP-5.

IN THE EVENT THE CONTRACTOR IS NOT PREPARED TO PURSUE WORK INTO PHASE III, THEN, USING FLAGGERS ON EXISTING NC 16 SOUTHBOUND, REMOVE TEMPORARY REMOVABLE TAPE PAVEMENT MARKINGS, TEMPORARY MARKERS, TEMPORARY TWO-LANE, TWO-WAY SIGNING, AND PLACE PAVEMENT MARKINGS (PAINT) TO RESTORE EXISTING NC 16 SOUTHBOUND TO A TWO-LANE, ONE-WAY TRAFFIC OPERATION AS DIRECTED BY THE ENGINEER.

PHASE III

- STEP 1. INSTALL AND COVER ALL OFFSITE DETOUR SIGNING FOR NC 16 SOUTHBOUND, SEE TCP-9 AND TCP-10.

THE CONTRACTOR SHALL COMPLETE THE WORK REQUIRED OF PHASE III, STEP 2 THRU STEP 4 IN 45 CONSECUTIVE CALENDER DAYS (SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES).

PERFORM STEP 2 IN A CONTINUOUS OPERATION:

- STEP 2. CLOSE NC 16 SOUTHBOUND LANES FROM THE INTERSECTION OF NC 273/NC 16 AND THE INTERSECTION OF SR 1992/NC 16, AND PLACE TRAFFIC ON THE OFF-SITE DETOUR, SEE TCP-9 AND TCP-10.

- STEP 3. AWAY FROM TRAFFIC, CONSTRUCT THE FOLLOWING UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE (SEE TCP-8):

STA. 10+00+/- -L- TO STA. 16+80+/- -L- (SBL)
 STA. 7+80+/- RP -BC- TO STA. 9+92+/- RP -BC-
 STA. 4+40+/- RP -B- TO STA. 8+40+/- RP -B-

INSTALL ALL REMAINING GUIDE SIGNING, SEE SIGNING PLANS.

AWAY FROM TRAFFIC, RESURFACE NC 16 SOUTHBOUND LANES (SEE PM-2, PM-8, AND PM-8A) AS FOLLOWS:

STA. 9+40+/- -L- TO STA. 10+00+/- -L- (SBL)
 STA. 8+40+/- RP -B- TO STA. 9+44+/- RP -B-

AWAY FROM TRAFFIC, PLACE TEMPORARY (PAINT) PAVEMENT MARKINGS AND TEMPORARY MARKERS (SEE PM-2 THRU PM-9) AS FOLLOWS:

STA. 9+40+/- -L- TO STA. 25+40+/- -L- (SBL)
 STA. 0+80+/- RP -BC- TO STA. 9+92+/- RP -BC-
 STA. 0+00+/- RP -B- TO STA. 9+44+/- RP -B-

PERFORM STEP 4 IN A CONTINUOUS OPERATION:

- STEP 4. REMOVE ALL TYPE III BARRICADES, DRUMS, AND ALL DETOUR SIGNING. REOPEN NC 16 SOUTHBOUND LANES TO THE FINAL TRAFFIC PATTERN, SEE PM-2 THRU PM-16.

ACTIVATE TRAFFIC SIGNAL AT THE NC 73 RP-B- INTERSECTION.

- STEP 5. REMOVE ANY REMAINING EXISTING NC 16 SOUTHBOUND PAVEMENT, SEE TCP-8.

USING RSD 1101.02, SHEET 3 OF 7, REMOVE TEMPORARY MEDIAN CROSSOVERS -CR1- AND -CR2- FROM EXISTING MEDIAN OF NC 16, SEE TCP-8.

- STEP 6. USING RSD 1101.02, SHEET 3 OF 7, PLACE FINAL PAVEMENT MARKINGS (POLYUREA) AND SNOWPLOWABLE MARKERS (SEE PM-2 THRU PM-16) AS FOLLOWS:

STA. 9+40+/- -L- TO STA. 94+26+/- -L- (SBL)
 STA. 8+51+/- -L- TO STA. 96+91+/- -L- (NBL)
 STA. 0+00+/- RP -A- TO STA. 7+80+/- RP -A-
 358m+/- FROM NORTH OF STA. 7+80+/- RP -A-
 STA. 0+00+/- RP -B- TO STA. 9+44+/- RP -B-
 STA. 0+00+/- RP -CA- TO STA. 13+04+/- RP -CA-
 STA. 0+00+/- RP -BC- TO STA. 9+92+/- RP -BC-
 STA. 0+00+/- RP -B- TO STA. 8+40+/- RP -B-
 STA. 0+00+/- RP -B- TO STA. 6+72+/- RP -B-
 STA. 0+00+/- RP -C- TO STA. 3+30+/- RP -C-

- STEP 7. REMOVE ALL TRAFFIC CONTROL DEVICES FROM THE PROJECT LIMITS EXCEPT THOSE SHOWN TO REMAIN IN PLACE ON PM-14 THROUGH PM 17.

| APPROVED: DATE: 10/20/04 | <h2 style="margin: 0;">PHASING</h2> | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2">REVISIONS</th> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </table> | REVISIONS | | | | | | | | |
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