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PHASE I

STEP 1) PRIOR TO ANY CONSTRUCTION ACTIVITIES, INSTALL WORK ZONE ADVANCE WARNING SIGNS ON ALL ROADS INVOLVED (US 70/W. GRANTHAM ST, N. CAROLINA ST, N. VIRGINIA ST, N. GEORGE ST) ACCORDING TO ROADWAY STANDARD DRAWING (RSD) 1101.01.

STEP 2) PLACE CMS FOR EARLY ROAD CLOSURE NOTICE AND INSTALL AND COVER DETOUR AND ADVANCE WARNING SIGNS FOR BRIDGE CLOSURE LONG-TERM DETOUR. (SEE OVERVIEW ON TMP-04 AND DETAILS ON TMP-5 THRU TMP-11)

STEP 3) WORKING IN A CONTINUOUS MANNER, USE RSD 1101.02 (SHEET 3 OF 19) FOR TEMPORARY LANE CLOSURE ON W. GRANTHAM ST (BUS 70) AND PLACE SIGNS, DEVICES, AND TEMPORARY PAVEMENT MARKING FOR TEMPORARY LANE DROPS ACCORDING TO THE FOLLOWING STATIONS: (SEE DETAILS ON TMP-05 THRU TMP-08)

- L- STA 11+70+/- TO -L- STA 23+50+/-
- L- STA 35+22+/- TO -L- STA 39+00+/-

UNCOVER LONG-TERM DETOUR SIGNS, PLACE BARRICADES AND CLOSE GRANTHAM STREET (BUS 70) TO THROUGH TRAFFIC AND SHIFT EASTBOUND W. GRANTHAM STREET TRAFFIC INTO TEMPORARY EXIT ONLY PATTERN AND WESTBOUND TRAFFIC INTO OFF-SITE DETOUR.

NOTE: TEMPORARY PHASE II TRAFFIC PATTERN (STEPS 1 AND 2) FOR W. GRANTHAM STREET WITH TEMPORARY SIGNAL AT GEORGE STREET SHOWN ON TMP-15 MAY ALSO BE USED IF ROADWAY AND UTILITY CONSTRUCTION EAST OF THE BRIDGE BEGINS AT THE TIME THE BRIDGE IS CLOSED.

STEP 4) WORK AWAY FROM TRAFFIC AND BEGIN CONSTRUCTION OF -L- (W. GRANTHAM ST) BRIDGE AND ROADWAY UP TO, BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE, ACCORDING TO THE FOLLOWING STATIONS: (SEE TMP-07 AND TMP-08)

- L- STA 26+00+/- TO -L- STA 34+00+/-
- RPC3- STA 11+15+/- TO -RPC3- STA 12+25+/-
- RPD- STA 10+45+/- TO -RPD- STA 12+44+/-

PHASE II

STEP 1) USE RSD 1101.02 (SHEET 1 OF 19) AS NEEDED FOR TEMPORARY LANE CLOSURES TO INSTALL AND COVER TEMPORARY SIGNAL AT THE N. GEORGE INTERSECTION (SEE TMP-15).

STEP 2) USE RSD 1101.02 (SHEET 1 OF 19) AND FLAGGERS TO REMOVE CONFLICTING MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING (PAINT) AND DRUMS ACCORDING TO THE FOLLOWING STATIONS: (SEE TMP-15)

- L- STA 35+24+/- TO -L- STA 46+81 +/-
- STOPBARS ON -Y1- AND -Y2-

UNCOVER AND ACTIVATE TEMPORARY SIGNAL AT GEORGE ST AND SHIFT W. GRANTHAM ST TRAFFIC INTO TEMPORARY PATTERN.

PLACE PEDESTRIAN BARRICADES ON EASTBOUND W. GRANTHAM ST FOOTPATH AND DETOUR PEDESTRIANS TO THE WESTBOUND SIDE.

STEP 3) WORK AWAY FROM TRAFFIC OR USE RSD 1101.02 (SHEETS 1 OF 19) AND FLAGGERS FOR TEMPORARY LANE CLOSURE WITH ALTERNATING TRAFFIC AND BEGIN CONSTRUCTION OF -L- (W. GRANTHAM ST) AND -Y-LINES DRAINAGE, UTILITIES BY CONTRACTOR AND ROADWAY, UP TO EDGE AND ELEVATION OF EXISTING PAVEMENT ACCORDING TO THE FOLLOWING STATIONS: (SEE TMP-15)

- L- STA 34+00+/- TO -L- STA 46+05+/- EASTBOUND
- Y1- STA 16+00+/- TO -Y1-STA 16+49 +/-
- Y2- STA 13+03 +/- TO -Y2-STA 13+40 +/-

NOTE: THE CONTRACTOR MAY SELECT THE ORDER IN WHICH EACH INTERSECTION IS CLOSED FOR THE FOLLOWING STEPS 4 THRU 9.

GEORGE STREET INTERSECTION WEEKEND CLOSURE WORK

STEP 4) INSTALL AND COVER DETOUR SIGNS FOR THE GEORGE ST INTERSECTION CLOSURE. (SEE DETAILS ON TMP-12)

INTERMEDIATE CONTRACT TIME

COMPLETE THE FOLLOWING WORK OF PHASE II, STEP 5 FOR PROPOSED DRAINAGE WITHIN THE GEORGE ST INTERSECTION IN ACCORDANCE WITH THE INTERMEDIATE CONTRACT TIME OF 56 CONSECUTIVE HOURS (FRIDAY 10:00 P.M. TO MONDAY AT 6:00 A.M.) (SEE SPECIAL PROVISIONS).

STEP 5) UNCOVER THE OFF-SITE DETOUR SIGNS AND USE RSD 1101.03 (SHEET 2 OF 9) FOR TEMPORARY ROAD CLOSURES AND SHIFT TRAFFIC TO THE OFF-SITE DETOUR.

WORK IN A CONTINUOUS MANNER TO INSTALL PROPOSED DRAINAGE WITHIN THE GEORGE STREET INTERSECTION AND MAKE PAVEMENT REPAIRS (SEE TMP-15).

REMOVE BARRICADES AND DETOUR SIGNS AND OPEN THE GEORGE ST INTERSECTION TO TRAFFIC.

VIRGINIA STREET INTERSECTION WEEKEND CLOSURE WORK

STEP 6) INSTALL AND COVER DETOUR SIGNS FOR THE VIRGINIA ST INTERSECTION CLOSURE. (SEE DETAILS ON TMP-13)

INTERMEDIATE CONTRACT TIME

COMPLETE THE FOLLOWING WORK OF PHASE II, STEP 7 FOR UTILITY RELOCATIONS WITHIN THE VIRGINIA ST INTERSECTION IN ACCORDANCE WITH THE INTERMEDIATE CONTRACT TIME OF 56 CONSECUTIVE HOURS (FRIDAY 10:00 P.M. TO MONDAY AT 6:00 A.M.) (SEE SPECIAL PROVISIONS).

STEP 7) UNCOVER THE OFF-SITE DETOUR SIGNS AND USE RSD 1101.03 (SHEET 2 OF 9) FOR TEMPORARY ROAD CLOSURES AND SHIFT TRAFFIC TO THE OFF-SITE DETOUR.

WORK IN A CONTINUOUS MANNER TO INSTALL PROPOSED WATER LINE AS SHOWN IN THE UTILITY RELOCATION PLANS SHEET UC-3 AND MAKE PAVEMENT REPAIRS (SEE TMP-15).

REMOVE BARRICADES AND DETOUR SIGNS AND OPEN THE VIRGINIA ST INTERSECTION TO TRAFFIC.

NORTH CAROLINA ST INTERSECTION WEEKEND CLOSURE WORK

STEP 8) INSTALL AND COVER DETOUR SIGNS FOR THE NORTH CAROLINA ST INTERSECTION CLOSURE. (SEE DETAILS ON TMP-14)

INTERMEDIATE CONTRACT TIME

COMPLETE THE FOLLOWING WORK OF PHASE II, STEP 9 FOR UTILITY RELOCATIONS WITHIN THE NORTH CAROLINA ST INTERSECTION IN ACCORDANCE WITH THE INTERMEDIATE CONTRACT TIME OF 56 CONSECUTIVE HOURS (FRIDAY 10:00 P.M. TO MONDAY AT 6:00 A.M.) (SEE SPECIAL PROVISIONS).

STEP 9) UNCOVER THE OFF-SITE DETOUR SIGNS AND USE RSD 1101.03 (SHEET 2 OF 9) FOR TEMPORARY ROAD CLOSURES AND SHIFT TRAFFIC TO THE OFF-SITE DETOUR.

WORK IN A CONTINUOUS MANNER TO INSTALL PROPOSED WATER AND SEWER LINES AND MAKE PAVEMENT REPAIRS AS SHOWN IN THE UTILITY RELOCATION PLANS SHEET UC-3 AND TMP-15.

REMOVE BARRICADES AND OPEN THE NORTH CAROLINA ST INTERSECTION TO TRAFFIC.

STEP 10) COMPLETE PHASE II CONSTRUCTION.

PHASE III

STEP 1) USE RSD 1101.02 (SHEET 1 OF 19) AS NEEDED FOR TEMPORARY LANE CLOSURES TO INSTALL AND COVER THE TEMPORARY SIGNAL AT THE GEORGE ST INTERSECTION.

STEP 2) USE RSD 1101.02 (SHEET 1 OF 19) AND FLAGGERS TO REMOVE CONFLICTING MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING (PAINT) ACCORDING TO THE FOLLOWING STATIONS: (SEE TMP-16)

- L- STA 34+33 +/- TO -L- STA 48+00 +/-
- STOPBARS AT -Y1- , -Y2- AND -Y3-

MOVE DEVICES AND PEDESTRIAN BARRICADES, UNCOVER AND ACTIVATE TEMPORARY SIGNAL AT GEORGE ST, AND SHIFT W. GRANTHAM ST. TRAFFIC INTO TEMPORARY PATTERN.

STEP 3) WORK AWAY FROM TRAFFIC OR USE RSD 1101.02 (SHEETS 1 OF 19) AND FLAGGERS TO CONSTRUCT -L- (W. GRANTHAM ST) AND -Y-LINES DRAINAGE AND ROADWAY UP TO EDGE AND ELEVATION OF EXISTING PAVEMENT ACCORDING TO THE FOLLOWING STATIONS: (SEE TMP-16)

- L- STA 34+00 +/- TO -L- STA 45+07+/- EASTBOUND
- Y1- STA 14+38 +/- TO -Y1-TO STA 14+96 +/-


STEP 4) USE RSD 1101.02 (SHEET 1 OF 19) AND FLAGGERS TO WEDGE -L- (W. GRANTHAM ST) PAVEMENT UP TO, BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE ACCORDING TO THE FOLLOWING STATIONS: (NOT DEPICTED)


- L- STA 34+00 +/- TO -L- STA 45+07+/-
- Y1- STA 14+38 +/- TO -Y1-TO STA 16+50 +/-
- Y2- STA 12+27 +/- TO -Y2-STA 13+40 +/-

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