

PROJ. REFERENCE NO.	SHEET NO.
W-5520	TMP-3

AREA 1 TRAFFIC CONTROL PHASING

INSTALL WORK ZONE ADVANCE WARNING SIGNS PER RSD 1101.01.

UNLESS OTHERWISE NOTED BELOW, MAINTAIN ACCESS TO ALL DRIVES AND -Y- LINES THROUGHOUT THE DURATION OF CONSTRUCTION.

CONTRACTOR SHALL WORK IN AREAS 1 THROUGH 4 CONSECUTIVELY, FROM EAST TO WEST IN THE SEQUENCE OF AREA 4, AREA 3, AREA 2, AND LASTLY AREA 1. FOLLOW THE TIME RESTRICTIONS AND REQUIREMENTS SHOWN IN GENERAL NOTES AND AS DIRECTED BY THE ENGINEER. UPON COMPLETION OF EACH CONSTRUCTION AREA UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE AND FINAL PAVEMENT MARKINGS, THE SUPERSTREET INTERSECTION TRAFFIC OPERATION PATTERN SHALL BE ACTIVATED FROM EAST TO WEST IN THE SEQUENCE OF AREA 4, AREA 3, AREA 2, AND LASTLY AREA 1.

IN AREA 1, TRAFFIC CONTROL SHALL BE COORDINATED BETWEEN TIP PROJECT W-5520 AND THE MONROE BYPASS PROJECT R-3329/R-2559 WHERE THE PROJECTS JOIN AND/OR OVERLAP.

AREA 1: WESTERN PROJECT LIMITS TO WEST OF CORPORATE BLVD.

PHASE I: MEDIAN U-TURN CONSTRUCTION (TMP-4 THRU TMP-6)

STEP 1:

USING TEMPORARY LANE CLOSURES (RSD 1101.02), CLOSE EASTBOUND LEFT-TURN LANE AT STA 110+50+/- AND WESTBOUND U-TURN LANE AT STA 106+00+/- AND MAINTAIN TRAFFIC ALONG -L1- (US 74) IN ITS EXISTING TRAFFIC PATTERN.

STEP 2:

AWAY FROM TRAFFIC, AND USING TEMPORARY LANE CLOSURES (RSD 1101.02) AND FLAGGERS AS NEEDED, CONSTRUCT PROPOSED INSIDE SHOULDER AND MEDIAN U-TURN LANES, INCLUDING DRAINAGE STRUCTURES AND CONCRETE ISLANDS, UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE AS FOLLOWS:

- L1- FROM STA 106+10+/- TO STA 115+43+/- (LT & RT SIDES)
- L1- FROM STA 116+80+/- TO STA 126+50+/- (LT & RT SIDES)

AWAY FROM TRAFFIC, AND USING TEMPORARY LANE CLOSURES (RSD 1101.02) AND FLAGGERS AS NEEDED, CONSTRUCT PROPOSED ROADWAY WIDENING ALONG -L1- AT THE SOUTHBOUND TURNOUT AT -Y1- AND THE NORTHBOUND TURNOUT AT -Y2- AS MUCH AS POSSIBLE WHILE MAINTAINING THE EXISTING TRAFFIC SIGNAL EQUIPMENT (SEE TMP-6).

CONSTRUCT WEDGING AS NEEDED TO PROVIDE A SMOOTH TRANSITION TO EXISTING PAVEMENT AND APPROPRIATE CROSS SLOPES TO ENSURE POSITIVE DRAINAGE. REPLACE EXISTING PAVEMENT MARKINGS WHERE REQUIRED.

TRAFFIC WILL BE IN ITS EXISTING PATTERN ON -Y1- AND ITS TEMPORARY TRAFFIC PATTERN ALONG -L1- WITH THE MEDIAN CLOSED TO TRAFFIC AT THE END OF EACH WORK DAY.

STEP 3:

UPON COMPLETION OF THE WORK REQUIRED IN PHASE I STEP 2, AWAY FROM TRAFFIC AND USING TEMPORARY LANE CLOSURES (RSD 1101.02) AND FLAGGERS AS NEEDED, CONSTRUCT ROAD WIDENING AND BULBOUTS FOR U-TURN MOVEMENTS UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE AS FOLLOWS:

- L1- FROM STA 106+44+/- TO STA 110+00+/- (RT SIDE ONLY)
- L1- FROM STA 120+62+/- TO STA 126+39+/- (LT SIDE ONLY)

CONSTRUCT WEDGING AS NEEDED TO PROVIDE A SMOOTH TRANSITION TO EXISTING PAVEMENT AND APPROPRIATE CROSS SLOPES TO ENSURE POSITIVE DRAINAGE. REPLACE EXISTING PAVEMENT MARKINGS WHERE REQUIRED.

MAINTAIN TEMPORARY TRAFFIC PATTERN ALONG -L1- WITH THE PROPOSED MEDIAN U-TURN LANES AND BULBOUT LOCATIONS CLOSED AT THE END OF EACH WORK DAY. TRAFFIC ON -Y1- WILL REMAIN IN ITS EXISTING PATTERN.

STEP 4:

USING TEMPORARY LANE CLOSURES (RSD 1101.02) AND FLAGGERS AS NEEDED, INSTALL PERMANENT TRAFFIC SIGNALS AND SIGNS AT MEDIAN U-TURN LOCATIONS AND THE TEMPORARY TRAFFIC SIGNAL AT THE INTERSECTION OF -L1-, AND -Y1-/-Y2-. KEEP BOTH THE SIGNAL HEADS AND SIGNS COVERED.

INSTALL TEMPORARY PAVEMENT MARKINGS NECESSARY FOR THE SIGNALIZED MEDIAN U-TURN OPERATIONS. MEDIAN U-TURN LANES AND BULBOUT LOCATIONS SHALL REMAIN CLOSED TO TRAFFIC.

ICT: COMPLETE THE WORK REQUIRED IN PHASE I STEP 5 FROM 9:00 P.M. ON A FRIDAY TO 6:00 A.M. THE FOLLOWING SATURDAY, SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES.

STEP 5:

USING TEMPORARY LANE CLOSURES (RSD 1101.02), FLAGGERS, AND LAW ENFORCEMENT AS NEEDED, ACTIVATE THE PERMANENT TRAFFIC SIGNALS AT THE MEDIAN U-TURN LOCATIONS, AND OPEN THE MEDIAN U-TURN LANES AND BULBOUTS TO TRAFFIC.

INSTALL CLOSELY SPACED DRUMS ALONG ON THE INSIDE EDGE OF TRAVELED WAY (BOTH DIRECTIONS) FROM -L1- STA 114+88+/- TO STA 117+52+/- (LT & RT SIDE) TO CLOSE MEDIAN CROSSOVER AND LEFT-TURN LANES ON -L1- AT ITS INTERSECTION WITH -Y1- & -Y2-, AND ACTIVATE THE TEMPORARY TRAFFIC SIGNAL. SHIFT US 74 LEFT-TURN TRAFFIC AND -Y1- , -Y2- TRAFFIC IN A TEMPORARY TRAFFIC PATTERN USING MEDIAN U-TURNS:

OBLITERATE EXISTING CONFLICTING PAVEMENT MARKINGS AND SYMBOLS AND PLACE TEMPORARY PAVEMENT MARKINGS AND SYMBOLS (SEE SHEET TMP-8 & TMP-9):

- Y1- FROM TIE IN AT -L1- TO STA 15+26+/-
- Y2- FROM TIE IN AT -L1- TO STA 12+50+/-
- L1- FROM STA 106+10+/- TO STA 115+43+/-
- L1- FROM STA 116+80+/- TO STA 126+50+/-

PHASE II: INTERSECTION SUPERSTREET CROSS-OVER CONSTRUCTION AND -Y- LINE WIDENING (TMP-7 THRU TEMP-9)

ICT: COMPLETE THE WORK REQUIRED IN PHASE II STEPS 1 AND 2 IN SIXTY (60) CONSECUTIVE CALANDER DAYS, SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES.

STEP 1:

USING TEMPORARY LANE CLOSURES (RSD 1101.02) AND FLAGGERS AS NEEDED, AWAY FROM TRAFFIC, CONSTRUCT MEDIAN DIRECTIONAL CROSS-OVER ON -L1- AND ROAD WIDENING ON -Y1- AND -Y2-, EXCLUDING THE MONOLITHIC CONCRETE ISLAND ON -Y1- , UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE AS FOLLOWS:

- L1- FROM STA 114+88+/- TO STA 117+52+/- (LT & RT SIDE)
- Y1- FROM TIE IN AT -L1- TO STA 15+26+/- (LT & RT SIDE)
- Y2- FROM TIE IN AT -L1- TO STA 12+50+/- (LT & RT SIDE)

CONSTRUCT WEDGING AS NEEDED TO PROVIDE A SMOOTH TRANSITION TO EXISTING PAVEMENT AND APPROPRIATE CROSS SLOPES TO ENSURE POSITIVE DRAINAGE. REPLACE EXISTING PAVEMENT MARKINGS WHERE REQUIRED.

INSTALL SIGNS AND NEW TRAFFIC SIGNAL HEADS FOR THE PERMANENT TRAFFIC SIGNAL AT THE INTERSECTION OF -L1- AND -Y1- /-Y2-. KEEP THE NEW SIGNAL HEADS AND SIGNS COVERED.

TRAFFIC SHALL REMAIN IN ITS TEMPORARY TRAFFIC PATTERN ON -L1-, -Y1-, AND -Y2- WITH THE PROPOSED INTERSECTION CROSSOVER AND -Y- LINE ROAD WIDENING AREAS CLOSED TO TRAFFIC AT THE END OF EACH WORK PERIOD.

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TEMPORARY TRAFFIC CONTROL PHASING