

PHASING

PHASE I
SEE SHEETS TMP-4 THRU TMP-4I

- STEP 1: - USING RSD 1101.01, SHEETS 2 & 3 OF 3, PLACE WORK ZONE ADVANCE WARNING SIGNS.
- STEP 2: - INSTALL FLASHING "BE PREPARED TO STOP" WARNING SIGN PRIOR TO BRIDGE AS PER SIGNAL DESIGN PLANS.
- WORKING IN A CONTINUOUS MANNER PERFORM THE FOLLOWING:
- INSTALL TEMPORARY SIGNAL AT THE INTERSECTION OF -L- (US 701 BYP) AND -Y18- (W COLUMBUS ST).
 - PLACE FLEXIBLE DELINEATORS ALONG -L- (US 701 BYP) THRU THE INTERSECTION WITH -Y17- (W VIRGIL ST)
 - CLOSE THE THRU AND LEFT TURN MOVEMENTS ON -Y17- (W VIRGIL ST) AT THE INTERSECTION WITH -L- (US 701 BYP)
 - PLACE TEMPORARY PAVEMENT MARKINGS
 - ACTIVATE TEMPORARY SIGNAL.
- STEP 3: - CLOSE SIDEWALK TO THE LEFT AND DETOUR PEDESTRIAN TRAFFIC TO THE OPPOSITE SIDE. (SEE SHEETS TMP-2D THRU TMP-2D2).
- AWAY FROM TRAFFIC AND USING LANE CLOSURES AS NEEDED, BEGIN WIDENING, INCLUDING CURB & GUTTER, SIDEWALKS, DRAINAGE AND DRAINAGE CROSS PIPES.

NOTE: STEPS 4 THRU 5 ARE CONCURRENT

- STEP 4: - USING RSD 1101.02, SHEET 3, 5 & 6 OF 14, PLACE TEMPORARY PAVEMENT MARKINGS FOR CROSSOVERS AND SHIFT TRAFFIC TO BEGIN CONSTRUCTION ON STAGE 1 OF PROPOSED DRAINAGE PIPES.

NOTE: WEDGE AS NEEDED TO MAINTAIN SMOOTH TRANSITION FROM PROPOSED TO EXISTING.

NOTE: ADJUST SIGNAL PATTERNS AS NEEDED WHERE TRAFFIC PATTERNS ARE AFFECTED BY CROSSOVERS.

THE CONTRACTOR SHALL COMPLETE THE WORK REQUIRED OF PHASE I, STEP #5 AS SHOWN ON SHEETS TMP-2A, TMP-3 AND TMP-4A. PHASE I, STEP #5 SHALL BE COMPLETED IN FIVE (5) CONSECUTIVE NIGHTS OF THE CONTRACTOR'S CHOOSING BEGINNING AT 9:00 P.M. AND ENDING THE FOLLOWING MORNING AT 6:00 A.M. FOR EACH NIGHT.

- STEP 5: - USING NIGHTLY LANE CLOSURES, CONSTRUCT 48" DRAINAGE CROSS PIPE AT -L- STA 198+25 +/-.
- STEP 6: - COMPLETE CONSTRUCTION AWAY FROM TRAFFIC NECESSARY FOR PHASE IA PATTERN, INCLUDING SIDEWALKS.
- USING RSD 1101.02, SHEET 3, 5 & 6 OF 14, PLACE TEMPORARY PAVEMENT MARKINGS & MARKERS AND SHIFT TRAFFIC TO PHASE IA PATTERN.

PHASE IA
SEE SHEETS TMP-5 THRU TMP-5H

- STEP 1: - CONTINUE CONSTRUCTION AWAY FROM TRAFFIC.
- CLOSE SIDEWALK TO THE RIGHT AND DETOUR PEDESTRIAN TRAFFIC TO THE OPPOSITE SIDE. (SEE SHEETS TMP-2 THRU TMP -2D2).
- CONSTRUCT PEDESTRIAN CULVERT EXTENSION.

PHASE IA
SEE SHEETS TMP-5 THRU TMP-5I

- STEP 2: - USING RSD 1101.02, SHEETS 3, 5 & 6 OF 14 AND 1101.02, COMPLETE CONSTRUCTION OF REMAINDER OF DRAINAGE CROSS PIPES.
- NOTE: WEDGE AS NEEDED TO MAINTAIN SMOOTH TRANSITION FROM PROPOSED TO EXISTING.
- NOTE: ADJUST SIGNAL PATTERNS AS NEEDED WHERE TRAFFIC PATTERNS ARE AFFECTED BY CROSSOVERS.
- STEP 3: - INSTALL OFF-SITE DETOUR ROUTE SIGNS AND ASSEMBLIES FOR THE CLOSING OF -Y21-, -Y24-, -Y30- AND -Y32-.
- NOTE: -Y- LINES SHALL BE CLOSED INDEPENDENT OF EACH OTHER.
- CLOSE -Y21-, -Y24-, -Y30- AND -Y32- INDEPENDENT OF EACH OTHER AND DETOUR TRAFFIC DURING CONSTRUCTION. CONSTRUCT ROADWAY UP TO THE EDGE AND ELEVATION OF EXISTING, PLACE TEMPORARY PAVEMENT MARKINGS & MARKERS AND OPEN TO TRAFFIC. (SEE SHEETS TMP-2D & TMP-2E).
- NOTE: ONLY ONE -Y- LINE SHALL BE CLOSED AT ANY TIME, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- USING NIGHTLY LANE CLOSURES, CONSTRUCT 42" CROSS PIPES AT -Y28-.

NOTE: STEPS 4A THRU 5 ARE CONCURRENT

STEPS 4A AND 4B MAY BE PERFORMED INTERCHANGABLY.

THE CONTRACTOR SHALL PERFORM PHASE IA, STEP 4A, IN 5 CONSECUTIVE DAYS, SEE INTERMEDIATE CONTRACT TIMES AND LIQUIDATED DAMAGES.

- STEP 4A: - INSTALL OFF-SITE DETOUR ROUTE SIGNS AND ASSEMBLIES FOR THE CLOSING OF RAMP A AND LOOP A.
- USING RSD 1101.03, SHEET 2 OF 9 AND 1101.02, SHEET 3 OF 14, AS NEEDED, CLOSE RAMP A AND LOOP A, INSTALL WATER FILLED BARRIER AND DETOUR TRAFFIC. (SEE SHEETS TMP-5H, TMP-5H1, TMP-2F & TMP-2H).
- CONSTRUCT PORTION OF PROPOSED ROUNDABOUT, -RPA- AND TIE-IN. (SEE SHEETS TMP-5H AND TMP-5H1).

THE CONTRACTOR SHALL PERFORM PHASE IA, STEP 4B, IN 5 CONSECUTIVE DAYS, SEE INTERMEDIATE CONTRACT TIMES AND LIQUIDATED DAMAGES.

- STEP 4B: - INSTALL OFF-SITE DETOUR ROUTE SIGNS AND ASSEMBLIES FOR THE CLOSING OF RAMP D.
- USING RSD 1101.03, SHEET 2 OF 9 AND 1101.02, SHEET 3 OF 14, AS NEEDED, CLOSE RAMP D, INSTALL WATER FILLED BARRIER AND DETOUR TRAFFIC. (SEE SHEETS TMP-5G, TMP-5G1 & TMP-2G).
- CONSTRUCT PORTION OF PROPOSED ROUNDABOUT, -RPD-, TIE-IN AND CROSSLINE PIPE. (SEE SHEETS TMP-5G AND TMP-5G1).

- STEP 5: - COMPLETE CONSTRUCTION AWAY FROM TRAFFIC STARTED IN PHASE I AND IA, UP TO THE EDGE AND ELEVATION OF EXISTING.

NOTE: WEDGE AS NEEDED TO MAINTAIN SMOOTH TRANSITION FROM PROPOSED TO EXISTING

NOTE: USE TEMPORARY SLOPES WHERE NECESSARY

- USING LANE CLOSURES, PLACE TEMPORARY PAVEMENT MARKINGS IN THE PHASE II PATTERN AND SHIFT TRAFFIC TO PHASE II.

NOTE: USE DRUMS AS NEEDED, IN ADDITION TO PAVEMENT MARKINGS TO DELINEATE ROUND-ABOUT CONCRETE APRONS OR AS DIRECTED BY THE ENGINEER

PHASE II
SEE SHEETS TMP-6 THRU TMP-6I

- STEP 1: - USING LANE CLOSURES, COMPLETE REMAINDER OF WIDENING (INCLUDING DRAINAGE, CURB & GUTTER AND SIDEWALK) ALONG -L- (US 701 BYP).
- STEP 2: - USING RSD 1101.02, SHEET 3 OF 14, WEDGE, UP TO, AND INCLUDING THE FINAL LAYER OF SURFACE COURSE AND PLACE TEMPORARY PAVEMENT MARKINGS & MARKERS IN THE FINAL PATTERN.
- STEP 3: - USING LANE CLOSURES AND FLAGGERS AS NEEDED, PERFORM THE FOLLOWING, PLACE FINAL PAVEMENT MARKINGS & MARKERS PER THE FINAL PAVEMENT MARKING PLAN:
- SHIFT TRAFFIC TO OUTSIDE LANE AND CONSTRUCT CONCRETE MEDIAN ISLANDS AND MEDIAN CURB & GUTTER.
 - CONSTRUCT CONCRETE APRONS ON ROUND-ABOUTS.
- STEP 4: - REMOVE ALL TEMPORARY TRAFFIC CONTROL DEVICES.

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APPROVED: *Steve Miller*
DATE: _____

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