

# PHASING

PROJ. REFERENCE NO.	SHEET NO.
R-5797	TMP-3

**NOTE: BEFORE BEGINNING CONSTRUCTION THE CONTRACTOR SHALL:**

- PLACE ADVANCE WORK ZONE WARNING SIGNS ALONG US 74 (-L-) AND ALL -Y- LINES (SEE ROADWAY STANDARD DRAWINGS NO. 1101.01, SHEETS 1 & 3 OF 3).
- INSTALL ONE (1) CHANGEABLE MESSAGE SIGN (CMS) IN EACH DIRECTION OF US 74 (-L-) AS DIRECTED BY THE ENGINEER. THESE CHANGEABLE MESSAGES SIGNS ARE TO BE UTILIZED TO INFORM & ALERT THE TRAVELING PUBLIC TO TRAFFIC CONDITIONS AND MAY BE UTILIZED FOR TRAFFIC CONTROL OPERATIONS DURING CONSTRUCTION AS DIRECTED BY THE ENGINEER.

### PHASE I

**STEP 1: BEGIN CONSTRUCTION ON THE FOLLOWING USING ROADWAY STANDARD DRAWING NO. 1101.02, SHEETS 1 AND 3 OF 14 (WHEN REQUIRED BY GENERAL NOTES 'G' AND 'H' ON SHEET TMP-2A OF THIS PLAN SET):**

- -L-: BASIC CLEARING/GRUBBING & GRADING OPERATIONS AND INSTALLATION OF PROPOSED DRAINAGE ALONG & ACROSS -L- IN THE LOCATIONS SHOWN ON THE ROADWAY DESIGN PLANS.
- -Y1A-: IN THE LOCATIONS SHOWN ON SHEET TMP-6.
- -Y1B-: IN THE LOCATIONS SHOWN ON SHEET TMP-6.
- -Y1C-: IN THE LOCATIONS SHOWN ON SHEET TMP-6.
- -RPA-: IN THE LOCATIONS SHOWN ON SHEET TMP-6.
- -RPB-: IN THE LOCATIONS SHOWN ON SHEET TMP-6. PLACE PORTABLE CONCRETE BARRIER ALONG OLD BOARDMAN ROAD IN THE LOCATIONS SHOWN ON SHEET TMP-5 PRIOR TO BEGINNING CONSTRUCTION ON -RPB-. UTILIZE TEMPORARY SHORING DURING THE CONSTRUCTION OF -RPB- AS SHOWN ON SHEET TMP-6 AND TMP-6A.
- -RPC-: IN THE LOCATIONS SHOWN ON SHEET TMP-6.
- -RPD-: IN THE LOCATIONS SHOWN ON SHEET TMP-6.
- -Y2-: IN THE LOCATIONS SHOWN ON SHEET TMP-6.
- -DR1-: IN THE LOCATIONS SHOWN ON SHEET TMP-6.

**CONSTRUCT THE FOLLOWING USING ROADWAY STANDARD DRAWING NO. 1101.02, SHEET 3 OF 14:**

- -L-: PROPOSED UTURN STORAGE AND WIDENING IMPROVEMENTS IN THE LOCATIONS SHOWN ON SHEET TMP-4.
- -L1-: PROPOSED UTURN STORAGE AND WIDENING IMPROVEMENTS IN THE LOCATIONS SHOWN ON SHEET TMP-4.

INSTALL AND COVER THE TEMPORARY SIGNS AND THE PORTABLE FLASHING BEACONS AND DETECTION SYSTEM SHOWN ON SHEETS TMP-5, TMP-6 AND TMP-7 FOR THE UPCOMING SUPERSTREET TRAFFIC PATTERN.

**STEP 2: USING ROADWAY STANDARD DRAWING NO. 1101.02, SHEETS 1 AND 3 OF 14 INSTALL TEMPORARY PAVEMENT MARKINGS AND MARKERS FOR THE SUPERSTREET TRAFFIC PATTERN WITHIN THE UTURN MOVEMENTS ALONG US 74 AS SHOWN ON SHEETS TMP-5 AND TMP-7. INSTALL TEMPORARY PAVEMENT MARKINGS AND MARKERS FOR THE RIGHT IN/RIGHT OUT TRAFFIC PATTERNS ALONG OLD BOARDMAN ROAD AND MACEDONIA CHURCH ROAD AS SHOWN ON SHEET TMP-10, UNCOVER THE TEMPORARY SIGNS AND ACTIVATE THE PORTABLE FLASHING BEACONS AND DETECTION SYSTEM INSTALLED IN PHASE I, STEP 1 AND PLACE OLD BOARDMAN ROAD AND MACEDONIA CHURCH ROAD INTO THE SUPERSTREET TRAFFIC PATTERN SHOWN ON SHEET TMP-10.**

**STEP 3: CONSTRUCT THE FOLLOWING USING ROADWAY STANDARD DRAWING NO. 1101.02, SHEET 3 OF 14:**

- -L-: WEDGING OPERATIONS DESCRIBED AND SHOWN ON SHEETS TMP-4, TMP-5 AND TMP-6. THE GUIDANCE FOR DROP OFFS AND ELEVATION DIFFERENCES BETWEEN OPEN LANES OF TRAFFIC (DESCRIBED IN GENERAL NOTES 'K' AND 'L' ON SHEET TMP-2A OF THIS PLAN SET) SHOULD BE FOLLOWED. REPLACE EXISTING PAVEMENT MARKINGS THAT HAVE BEEN COVERED UP BY THE WEDGING OPERATIONS PRIOR TO OPENING US 74 TO TWO LANES PER DIRECTION.
- -L-: 4' TEMPORARY PAVEMENT MEDIAN WIDENING IN THE FOLLOWING LOCATIONS AS SHOWN ON SHEETS TMP-4, TMP-5, TMP-5A AND TMP-6:
  - -L- (LEFT SIDE): STA. 18+70+/- TO STA. 37+00+/- AND FROM STA. 43+60+/- TO STA. 73+00+/-.
  - -L- (RIGHT SIDE): STA. 14+90+/- TO STA. 32+20+/- AND FROM STA. 38+25+/- TO STA. 71+05+/-.

### PHASE II

**STEP 1: USING ROADWAY STANDARD DRAWING NO. 1101.02, SHEET 3 OF 14, SHIFT US 74 TRAFFIC INTO THE US 74 MEDIAN BY INSTALLING TEMPORARY PAVEMENT MARKINGS AND MARKERS ALONG US 74 IN THE LOCATIONS AND PATTERNS SHOWN ON SHEETS TMP-8 THROUGH TMP-12.**

**STEP 2: USING ROADWAY STANDARD DRAWING NO. 1101.02, SHEET 3 OF 14, INSTALL PORTABLE CONCRETE BARRIER AND TEMPORARY CRASH CUSHIONS ALONG US 74 IN THE LOCATIONS SHOWN ON SHEETS TMP-8 THROUGH TMP-12.**

**STEP 3: BEGIN CONSTRUCTION ON THE FOLLOWING:**

- -L-: PROPOSED OUTSIDE WIDENING IN THE LOCATIONS SHOWN ON SHEETS TMP-8 THROUGH TMP-12.
- -Y1B-: BRIDGE OVER -L- AND APPROACHES IN THE LOCATIONS SHOWN ON SHEET TMP-10.
- -RPA-: IN THE LOCATIONS SHOWN ON SHEET TMP-11.
- -RPB-: IN THE LOCATIONS SHOWN ON SHEET TMP-10.
- -RPC-: IN THE LOCATIONS SHOWN ON SHEET TMP-10.
- -RPD-: IN THE LOCATIONS SHOWN ON SHEET TMP-11.

### PHASE III

**STEP 1: COMPLETE CONSTRUCTION ON THE PROPOSED -Y1B- BRIDGE OVER -L- AND ALL ROADWAY SECTIONS SHOWN ON SHEETS TMP-8 THROUGH TMP-12 UP THROUGH ONE LAYER OF SURFACE COURSE.**

**STEP 2: USING ROADWAY STANDARD DRAWING NO. 1101.02, SHEET 3 OF 14, REMOVE ALL PORTABLE CONCRETE BARRIER AND TEMPORARY CRASH CUSHIONS ALONG US 74 AND REPLACE THE PORTABLE CONCRETE BARRIER WITH DRUMS.**

INSTALL AND COVER THE ROAD CLOSURE SIGNS SHOWN ON SHEET TMP-2C FOR THE UPCOMING CLOSURE OF MACEDONIA CHURCH ROAD AND OLD BOARDMAN ROAD.

INTERMEDIATE CONTRACT TIME: CONTRACTOR SHALL COMPLETE THE WORK DESCRIBED IN PHASE III, STEP 3 THROUGH STEP 7 IN 120 CONSECUTIVE DAYS (SEE INTERMEDIATE CONTRACT TIME AND SPECIAL PROVISIONS)

**STEP 3: UNCOVER THE ROAD CLOSURE SIGNS FOR MACEDONIA CHURCH ROAD AND OLD BOARDMAN ROAD AND CLOSE THESE ROADS TO THRU TRAFFIC AS SHOWN ON SHEETS TMP-2C AND TMP-13.**

**STEP 4: CONSTRUCT THE FOLLOWING UP THROUGH ONE LAYER OF SURFACE COURSE:**

- -Y1A-: IN THE LOCATIONS SHOWN ON SHEET TMP-13.
- -Y1C-: IN THE LOCATIONS SHOWN ON SHEET TMP-13.
- -RPC-: IN THE LOCATIONS SHOWN ON SHEET TMP-13.

**STEP 5: AWAY FROM TRAFFIC, INSTALL TEMPORARY PAVEMENT MARKINGS AND MARKERS ALONG -Y1A-, -Y1B-, -Y1C-, -RPA-, -RPC- AND -RPD- IN THE LOCATIONS SHOWN ON SHEETS TMP-15, TMP-16 AND TMP-18.**

INSTALL AND COVER THE ROAD CLOSURE SIGNS SHOWN ON SHEET TMP-2D FOR THE UPCOMING CLOSURE OF -RPB-.

**STEP 6: USING ROADWAY STANDARD DRAWING NO. 1101.02, SHEETS 1 AND 3 OF 14 INSTALL THE REMAINING TEMPORARY PAVEMENT MARKINGS AND MARKERS ALONG -L-, -Y1A-, -Y1B-, -Y1C-, -RPA-, -RPC- AND -RPD- IN THE LOCATIONS SHOWN ON SHEETS TMP-14 THROUGH TMP-18. UNCOVER THE ROAD CLOSURE DETOUR SIGNS FOR -RPB- AND PLACE -L-, -Y1A-, -Y1B-, -Y1C-, -RPA-, -RPC- AND -RPD- TRAFFIC IN THE PATTERNS SHOWN ON SHEETS TMP-14 THROUGH TMP-18. KEEP -RPB- CLOSED TO TRAFFIC.**

**STEP 7: CONSTRUCT THE REMAINING SECTION OF PROPOSED -RPB- IN THE LOCATION SHOWN ON SHEET TMP-15.**

INSTALL TEMPORARY PAVEMENT MARKINGS ON -RPB- IN THE FINAL PATTERN AND OPEN -RPB- TO TRAFFIC.

### PHASE IV

**STEP 1: USING ROADWAY STANDARD DRAWING NO. 1101.02, SHEETS 1 AND 3 OF 14, PLACE THE FINAL LAYER OF SURFACE COURSE, FINAL MARKINGS AND MARKERS ON ALL ROADWAYS WITHIN THE PROJECT LIMITS AND PLACE ALL TRAFFIC IN THE FINAL TRAFFIC PATTERN.**

**STEP 2: REMOVE ALL TRAFFIC CONTROL DEVICES FROM THE PROJECT LIMITS.**

**DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED**

PLAN PREPARED IN THE OFFICE OF:  <b>PROGRESSIVE</b> DESIGN GROUP, INC. ENGINEERS • CONSULTANTS	APPROVED: <i>Tim Gray</i> DATE: 02/15/21  SEAL 	<b>TRANSPORTATION MANAGEMENT PLAN PHASING</b>
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