

# PROJECT PHASING

PROJ. REFERENCE NO. B-4009	SHEET NO. TCP-3
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## PHASE I

PRIOR TO BEGINNING ANY WORK, CONTRACTOR SHALL INSTALL ALL WORK ZONE WARNING SIGNS AS SHOWN ON TCP-13 & TCP-14.

NOTE: CONTRACTOR SHALL INSTALL CHANGEABLE MESSAGE SIGNS (CMS) ON US 74 (-L-) AS DIRECTED BY THE ENGINEER.

STEP 1: - CONTRACTOR SHALL, USING ROADWAY STANDARD DRAWING NO. 1101.02, SHEET 3 OF 7, CONSTRUCT THE FOLLOWING (SEE CONSTRUCTION PLANS AND SHEET TCP-4):

-- TEMPORARY MEDIAN CROSSOVER DETOURS 1 & 2, INCLUDING ALL DRAINAGE, UP TO THE EDGE AND ELEVATION OF THE EXISTING PAVEMENT.

STA. 22+81.56 -DET- TO STA. 33+62.42 -DET-  
STA. 42+31.43 -DET- TO STA. 55+58.72 -DET-

NOTE: INSTALL "NO LEFT TURN" SIGNS (R3-2) ON EACH SIDE OF THE DRIVEWAY LEFT OF STA. 28+00 +/- -L- (SEE SHEET TCP-4).

NOTE: THE PROPOSED 15" DRAINAGE PIPE ACROSS EXISTING US 74 WB AT STA. 30+50 +/- -L- SHALL BE INSTALLED AFTER TRAFFIC IS SHIFTED TO US 74 EB VIA MEDIAN CROSSOVER DETOURS (SEE CONSTRUCTION PLANS AND SHEET TCP-4).

NOTE: MEDIAN GUARDRAIL (IF INSTALLED) SHALL BE REMOVED AND INSTALL TEMPORARY GRAU 350 ANCHOR UNITS, AS DIRECTED BY THE ENGINEER.

-- TEMPORARY PAVED SHOULDERS (4 FOOT INSIDE AND 6 FOOT OUTSIDE, TO MATCH EXISTING SHOULDERS ON US 74 EB STRUCTURE #32), UP TO THE EDGE AND ELEVATION OF THE EXISTING PAVEMENT ON US 74 EB (-L-).

--- STA. 32+00 +/- -L- TO STA. 50+00 +/- -L- (INSIDE SHOULDER)

--- STA. 26+00 +/- -L- TO STA. 53+00 +/- -L- (OUTSIDE SHOULDER)

-- INSTALL OVERSIZED VEHICLE DETOUR ROUTE SIGNS, NARROW BRIDGE WARNING SIGNS AND HORIZONTAL CLEARANCE SIGNS AS SHOWN ON SHEETS TCP-5, TCP-7, & TCP-12 THRU TCP-12B.

CONTRACTOR SHALL WORK IN A CONTINUOUS MANNER TO COMPLETE THE WORK IN PHASE I, STEP 2 THRU STEP 4.

CONTRACTOR MAY WORK PHASE I, STEP 2 AND STEP 3 SIMULTANEOUSLY, AS DIRECTED BY THE ENGINEER.

STEP 2: - CONTRACTOR SHALL, USING ROADWAY STANDARD DRAWING NO. 1101.02, SHEET 3 OF 7 (SEE SHEETS TCP-5 THRU TCP-7):

-- CLOSE THE OUTSIDE LANE OF US 74 EB (-L-) AND INSTALL INTERMEDIATE PAVEMENT MARKINGS (REMOVABLE TAPE ON STRUCTURE & PAINT ON ASPHALT) & TEMPORARY RAISED MARKERS ON OUTSIDE LANE/SHOULDER OF US 74 EB (-L-) FROM STA. 26+90 +/- -L- TO STA. 53+00 +/- -L-.

-- INSTALL PORTABLE CONCRETE BARRIER (PCB) ON US 74 EB (-L-) FROM STA. 34+00 +/- -L- TO STA. 51+90 +/- -L-.

NOTE: ENGINEER WILL CONTACT THE OVERSIZE/OVERWEIGHT UNIT, SEE SHEET TCP-2, NOTE BB.

-- SHIFT TRAFFIC TO A ONE-LANE, ONE-WAY TRAFFIC PATTERN ON THE OUTSIDE LANE/SHOULDER OF US 74 EB (-L-) FROM STA. 26+90 +/- -L- TO STA. 53+00 +/- -L-.

STEP 3: - WHILE MAINTAINING TRAFFIC IN A ONE-LANE, ONE-WAY TRAFFIC PATTERN ON THE OUTSIDE LANE/SHOULDER OF US 74 EB (-L-), THE CONTRACTOR SHALL, USING ROADWAY STANDARD DRAWING NO. 1101.02, SHEET 3 OF 7, CLOSE THE INSIDE LANE OF US 74 WB (-L-), INSTALL INTERMEDIATE PAVEMENT MARKINGS (REMOVABLE TAPE ON STRUCTURE AND PAINT ON ASPHALT), TEMPORARY RAISED MARKERS, ADDITIONAL WORK ZONE SIGNS & DEVICES, AND THE REMAINDER OF THE PORTABLE CONCRETE BARRIER (PCB) ON INSIDE LANES OF BOTH US 74 WB (-L-) & US 74 EB (-L-) AND MEDIAN CROSSOVER DETOURS AS SHOWN ON SHEETS TCP-5 THRU TCP-7 AND ROADWAY STANDARD DRAWING NO. 1101.03, SHEET 4 OF 9.

NOTE: AS REQUIRED OR AS DIRECTED BY THE ENGINEER, RELAP EXISTING MEDIAN GUARDRAIL (WITH TEMPORARY GRAU 350) OR INSTALL PROPOSED MEDIAN GUARDRAIL (WITH PROPOSED GRAU 350) FOR US 74 EB (-L-) TO ALLOW FOR A TWO-LANE, TWO-WAY TRAFFIC PATTERN ON US 74 EB (-L-) (SEE CONSTRUCTION PLANS AND SHEETS TCP-5 THRU TCP-7).

STEP 4: - CONTRACTOR SHALL, USING ROADWAY STANDARD DRAWING NO. 1101.02, SHEET 3 OF 7 AND ROADWAY STANDARD DRAWING NO. 1101.03, SHEET 4 OF 9, SHIFT US 74 WB TRAFFIC TO THE INSIDE LANE/SHOULDER OF US 74 EB IN A TEMPORARY TWO-LANE, TWO-WAY TRAFFIC PATTERN (SEE SHEETS TCP-5 THRU TCP-7).

STEP 5: - CONTRACTOR SHALL CONSTRUCT PROPOSED ROADWAY, INCLUDING PROPOSED STRUCTURE, ON US 74 WB (-L-) FROM STA. 29+00 +/- -L- TO STA. 49+00 +/- -L- UP TO, BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE (SEE CONSTRUCTION PLANS AND SHEETS TCP-5 THRU TCP-7).

NOTE: INSTALL THE PROPOSED 15" DRAINAGE PIPE ACROSS EXISTING US 74 WB AT STA. 30+50 +/- -L- (SEE CONSTRUCTION PLANS).

- CONTRACTOR SHALL CONSTRUCT PROPOSED OUTSIDE SHOULDER AND PAVE THE FIRST LAYER OF THE RESURFACING GRADE ON THE EXISTING OUTSIDE LANE OF US 74 WB (-L-) FROM STA. 22+81.56 -L- TO STA. 29+00 +/- -L- AND FROM STA. 49+00 +/- -L- TO STA. 55+60 +/- -L- (SEE CONSTRUCTION PLANS AND SHEETS TCP-5 THRU TCP-7).

- CONTRACTOR SHALL PLACE TEMPORARY PAVEMENT MARKINGS (REMOVABLE TAPE ON STRUCTURE AND PAINT ON ASPHALT) AND TEMPORARY RAISED PAVEMENT MARKERS ON THE OUTSIDE LANE OF PROPOSED US 74 WB (-L-) FROM STA. 22+81.56 +/- -L- TO STA. 55+60 +/- -L- (SEE SHEETS TCP-8 & TCP-9).

## PHASE II

STEP 1: - CONTRACTOR SHALL, USING ROADWAY STANDARD DRAWING NO. 1101.02, SHEET 3 OF 7, SHIFT WESTBOUND TRAFFIC TO THE NEWLY COMPLETED OUTSIDE LANE OF US 74 WB (-L-) AND KEEP EASTBOUND TRAFFIC IN THE OUTSIDE LANE/SHOULDER OF US 74 EB (-L-) (SEE SHEETS TCP-8 & TCP-9).

NOTE: INSTALL TYPE III BARRICADES AND DRUMS TO KEEP CROSSOVER AT STA. 28+00 +/- -L- CLOSED TO TRAFFIC.

STEP 2: - WHILE MAINTAINING TRAFFIC IN THE DIVIDED TWO-LANE, TWO-WAY PATTERN THE CONTRACTOR SHALL, USING ROADWAY STANDARD DRAWING NO. 1101.02, SHEET 3 OF 7 (SEE SHEETS TCP-8 & TCP-9):

-- REMOVE PORTABLE CONCRETE BARRIER (PCB).

-- REMOVE TEMPORARY MEDIAN CROSSOVER DETOURS 1 & 2, AND INSTALL PROPOSED DRAINAGE (SEE CONSTRUCTION PLANS).

-- CONSTRUCT PROPOSED INSIDE SHOULDER AND PAVE THE INSIDE LANE OF US 74 WB FROM STA. 22+81.56 -L- TO STA. 55+60 +/- -L-, UP TO AND INCLUDING THE FINAL LAYER OF SURFACE COURSE, AND INSTALL REMAINDER OF PROPOSED MEDIAN GUARDRAIL (SEE CONSTRUCTION PLANS).

-- RESURFACE THE INSIDE LANE OF US 74 EB (-L-), UP TO AND INCLUDING THE FINAL LAYER OF SURFACE COURSE, AND INSTALL PROPOSED MEDIAN GUARDRAIL OR RELAP PROPOSED MEDIAN GUARDRAIL ON US 74 EB (-L-) (SEE CONSTRUCTION PLANS).

-- PLACE FINAL PAVEMENT MARKINGS (POLYUREA) AND PERMANENT RAISED PAVEMENT MARKERS ON INSIDE LANES OF US 74 EB & WB (-L-) FROM STA. 22+81.56 -L- TO STA. 55+60 +/- -L- (SEE CONSTRUCTION PLANS).

-- REMOVE WIDE LOAD DETOUR SIGNS, AS DIRECTED BY THE ENGINEER.

NOTE: ENGINEER WILL CONTACT THE OVERSIZE/OVERWEIGHT UNIT, SEE SHEET TCP-2, NOTE BB).

STEP 3: - CONTRACTOR SHALL, USING ROADWAY STANDARD DRAWING NO. 1101.02, SHEET 3 OF 7, SHIFT EASTBOUND & WESTBOUND US 74 (-L-) TRAFFIC TO THE NEWLY COMPLETED INSIDE LANES OF US 74 (-L-) IN A DIVIDED TWO-LANE, TWO-WAY TRAFFIC PATTERN (SEE SHEETS TCP-10 & TCP-11).

NOTE: KEEP CROSSOVER AT STA. 28+00 +/- -L- CLOSED TO TRAFFIC.

STEP 4: - WHILE MAINTAINING TRAFFIC IN THE DIVIDED TWO-LANE, TWO-WAY TRAFFIC PATTERN THE CONTRACTOR SHALL, USING ROADWAY STANDARD DRAWING NO. 1101.02, SHEET 3 OF 7, CONSTRUCT THE FOLLOWING (SEE SHEETS TCP-10 & TCP-11):

NOTE: KEEP CROSSOVER AT STA. 28+00 +/- -L- CLOSED TO TRAFFIC.

-- PAVE THE OUTSIDE LANE OF US 74 WB (-L-) FROM STA. 22+81.56 -L- TO STA. 55+60 +/- -L-, UP TO AND INCLUDING THE FINAL LAYER OF SURFACE COURSE (SEE CONSTRUCTION PLANS).

-- RESURFACE THE OUTSIDE LANE OF US 74 EB (-L-), UP TO AND INCLUDING THE FINAL LAYER OF SURFACE COURSE, AND INSTALL PROPOSED GUARDRAIL AND/OR REMOVE & RESET EXISTING GUARDRAIL ON OUTSIDE SHOULDER OF US 74 EB (-L-) (SEE CONSTRUCTION PLANS).

-- PLACE FINAL PAVEMENT MARKINGS (POLYUREA) AND PERMANENT RAISED PAVEMENT MARKERS ON OUTSIDE LANES OF US 74 EB & WB (-L-) FROM STA. 22+81.56 -L- TO STA. 55+60 +/- -L- (SEE CONSTRUCTION PLANS).

STEP 5: - OPEN BOTH EASTBOUND AND WESTBOUND US 74 (-L-) TO THE FINAL FOUR-LANE DIVIDED PATTERN, REMOVE ALL WORK ZONE WARNING SIGNS AND ALL TRAFFIC CONTROL DEVICES.

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