

SEQUENCE OF CONSTRUCTION

PHASE 1:

PRE-PHASE: CONSTRUCT TRANSVERSE STORM SEWER CROSSINGS ON SR-682 AND THE STORM TRUNK UNDER THE RESIDENTIAL DRIVE AT STA. 12+37, SUNSET LANE, AND RAMP B USING TRENCHLESS METHODS. CONDUITS MAY HAVE TEMPORARY BULKHEADS INSTALLED WHERE SUBSEQUENT WORK WILL BE UNDER TRAFFIC AND, SIMILARLY, DRAINAGE STRUCTURES MAY HAVE THE FINAL CASTINGS OMITTED, AND BASE CASTINGS COVERED WITH STEEL PLATES UNTIL THE APPROPRIATE PHASE TO COMPLETE THE CONSTRUCTION. THE CONTRACTOR SHALL ENSURE THAT EROSION CONTROL MEASURES AND TEMPORARY DRAINAGE, AS NEEDED, ARE IMPLEMENTED. DISENGAGE THE EXISTING TRAFFIC SIGNAL AND REMOVE IT FROM SERVICE.

ITEM 615 - PAVEMENT FOR MAINTAINING TRAFFIC: CONSTRUCT A TEMPORARY RADIUS AREA ONTO RAMP C FOR NORTHBOUND STATE ROUTE (SR)-682 TRAFFIC IN LIEU OF THE CURRENT SLIP LANE BEING REMOVED. ADD TEMPORARY PAVEMENT TO THE LEFT SIDE OF RAMPS B AND C (WITH TEMPORARY WORKZONE GUARDRAIL), TO ACCOMMODATE TRAFFIC SHIFTING LEFT WHILE THE RIGHT SIDES ARE BEING CONSTRUCTED. ALSO CONSTRUCT TEMPORARY PAVEMENT ON THE SOUTH SIDE OF SUNSET LANE FOR PHASE 2 USE.

SOUTH ROUNDABOUT

INSTALL TEMPORARY TRAFFIC CONTROL DEVICES IN ACCORDANCE WITH STANDARD CONSTRUCTION DRAWING (SCD) MT-95.31 AND AS SHOWN IN THE PLANS, AND SHIFT TRAFFIC LEFT (WEST) ON NORTHBOUND SR-682 AND CONSTRUCT THE SOUTH SIDE OF SR-682 AND THE SOUTHEAST CORNER OF THE SOUTH ROUNDABOUT BETWEEN SR-682 AND RAMP C. SHIFT RAMP B TRAFFIC TO THE LEFT AND CONSTRUCT THE NORTHWEST PORTION OF THE ROUNDABOUT BETWEEN RAMP B AND ON SUNSET LANE. FLAGGERS MAY BE USED TO AUGMENT MOVEMENTS DURING PEAK HOUR PERIODS. MAINTAIN ACCESS TO THE COMMERCIAL DRIVES ON THE RIGHT SIDE.

NORTH ROUNDABOUT

INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN IN THE PLANS, AND SHIFT TRAFFIC RIGHT (EAST) ON SR-682, CLOSING RAMP A IN THE PROCESS, BEHIND PORTABLE BARRIER. CONSTRUCT THE WEST SIDE OF SR-682, AND RAMP A IN IT'S ENTIRETY WHILE ROUTING TRAFFIC TO THE NEXT US-33 JUNCTION TO THE NORTH. INSTALL TEMPORARY TRAFFIC SIGNALS PER SCD MT-96.11 TO ALLOW FOR ALTERNATING ONE-WAY TRAFFIC BETWEEN RAMP D AND THE NORTH PROJECT LIMIT.

PHASE 1B

AT THE END OF PHASE 1, AFTER NEW RIGHT SIDE PAVEMENT HAS BEEN CONSTRUCTED, SHIFT TRAFFIC TO RIGHT SIDE OF RAMP C TO THE NEW PAVEMENT AND CONSTRUCT THE FULL DEPTH PAVEMENT ON THE LEFT SIDE OF THE RAMP.

PHASE 2:

PRE-PHASE: USING FLAGGERS, INSTALL LONGITUDINAL AND TRANSVERSE STORM PIPES AND STRUCTURE D-38 UNDER TR-662 AS SHOWN IN THE PLANS, USING A STEEL PLATE TO COVER THE LOWER CATCH BASIN CASTING AND A TEMPORARY BULKHEAD AT THE PIPE ENDS.

ITEM 615 - PAVEMENT FOR MAINTAINING TRAFFIC: CONSTRUCT TEMPORARY PAVEMENT ALONG THE SOUTH SIDE OF TR-662 AND ON THE LEFT SIDE AT THE END AS SHOWN IN THE PLANS.

SOUTH ROUNDABOUT

INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN IN THE PLANS AND SHIFT TRAFFIC ON SR-682 TO THE RIGHT (EAST) TO OPERATE ON OR ADJACENT TO THE PREVIOUSLY CONSTRUCTED RIGHT SIDE. ACTIVATE THE NEWLY CONSTRUCTED RAMP C TO TRAFFIC, AND CONSTRUCT THE NORTH-EAST QUADRANT OF THE SOUTH ROUNDABOUT TO COMPLETE THE RIGHT (EAST) SIDE. MAINTAIN RAMP B TRAFFIC FROM THE PREVIOUS PHASE AND SHIFT TRAFFIC ON SUNSET LANE RIGHT (SOUTH) ONTO TEMPORARY PAVEMENT AND CONSTRUCT THE LEFT (NORTH) SIDE, CONTINUING AROUND TO THE SOUTH TO CONSTRUCT THE LEFT (WEST) SIDE OF SR-682 BACK TO THE SOUTH PROJECT LIMIT.

NORTH ROUNDABOUT

INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN IN THE PLANS AND SHIFT TRAFFIC RIGHT (SOUTH AND WEST) ON TR-662. CONSTRUCT THE LEFT (NORTH AND EAST) SIDE OF TR-662 AND CONTINUE THE WORK AROUND TO THE NORTH ON SR-682, BUILDING THE RIGHT (EAST) SIDE, UP TO THE NORTH PROJECT LIMITS. MAINTAIN ACCESS TO THE COMMERCIAL DRIVE ON THE RIGHT SIDE.

INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN IN THE PLANS AND REDUCE OPERATIONS ON SR-682 TO AN ALTERNATING ONE-WAY OPERATION USING A TEMPORARY TRAFFIC SIGNAL PER SCD MT-96.11 FROM RAMP D TO THE NORTH PROJECT LIMITS. OPEN THE RAMP A PORTION OF THE NEWLY CONSTRUCTED WEST SIDE OF THE NORTH ROUNDABOUT AND ALLOW ACCESS FROM BOTH THE NORTH AND SOUTH.

PHASE 3:

AT THE BEGINNING OF PHASE 3, REPLACE PAVEMENT IN THE SOUTHBOUND LANE FROM STATION 416+25 TO 417+00. DURING THIS SUBPHASE, THE CONTRACTOR SHALL CONSTRUCT FULL DEPTH PAVEMENT REPLACEMENT BY SHIFTING SOUTHBOUND TRAFFIC TO THE EAST, IN ACCORDANCE WITH STANDARD DRAWING MT 95.61. PAVEMENT REPLACEMENT AND LANE SHIFT IN THIS AREA SHALL NOT EXCEED 15 CALENDAR DAYS.

SOUTH ROUNDABOUT

OPEN THE NEWLY COMPLETED EAST SIDE OF THE SOUTH ROUNDABOUT TO TRAFFIC OPERATIONS FOR NORTHBOUND SR-682 TRAFFIC, REDUCING SR-682 TRAFFIC ON THE EXISTING ALIGNMENT TO SOUTHBOUND ONLY, WITHIN THE ROUNDABOUT CONFINES. MAINTAIN RAMP B TRAFFIC AS PER PREVIOUS PHASES AND CONSTRUCT THE RIGHT (SOUTH) SIDE OF SUNSET LANE AS SHOWN IN THE PLANS. SHIFT SUNSET LANE TRAFFIC TO THE LEFT (NORTH) SIDE ON PREVIOUSLY CONSTRUCTED PAVEMENT USING AN ALTERNATING ONE-WAY TRAFFIC OPERATION PER OMTUCD TA-11 (FIG. 6H-11).

NORTH ROUNDABOUT

INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN IN THE PLANS AND SHIFT SR-682 TRAFFIC LEFT COMING OFF THE BRIDGE, TRANSITIONING TO NORTHBOUND ONLY THROUGH THE NORTH ROUNDABOUT CONFINES.

FULLY OPEN THE LEFT (WEST) SIDE OF THE ROUNDABOUT TO ALLOW SOUTHBOUND TRAFFIC TO CONTINUE UNABATED OPERATION, DISCONTINUING THE OLD THROUGH SOUTHBOUND OPERATION ON SR-682.

SHIFT TR-662 TRAFFIC TO THE LEFT ADJACENT NEWLY CONSTRUCTED PAVEMENT FROM THE PREVIOUS PHASE, AND CLOSE RAMP D. CONSTRUCT THE NEW RAMP D PAVEMENT AND THE MAJORITY OF THE RIGHT (EAST) SIDE OF THE NORTH ROUNDABOUT EXCEPT FOR THE VERY NORTHERN PORTION TO ALLOW FOR CONTINUED TR-662 TRAFFIC OPERATIONS. THE CONTRACTOR SHALL COMPLY WITH SECTION 614.07 OF THE C&MS WITH REGARD TO 630.09-SPECIFIC SIGNS TO ENSURE THEIR ABILITY TO ADVISE MOTORIST THROUGHOUT CONSTRUCTION, INCLUDING MOVING THEM, AS NEEDED TO ENSURE COMPLIANCE.

PHASE 4:

SOUTH ROUNDABOUT

INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN IN THE PLANS AND SHIFT RAMP B TRAFFIC TO THE RIGHT (SOUTHWEST) SIDE AND CONSTRUCT THE LEFT SIDE, REMOVING PREVIOUSLY INSTALLED TEMPORARY PAVEMENT AND GUARDRAIL.

OPEN THE ROUNDABOUT TO TRAFFIC OPERATIONS AND CONSTRUCT REMAINING SPLITTER ISLAND AND TRUCK APRON AREAS UNDER TRAFFIC, USING TEMPORARY TRAFFIC CONTROL DEVICES AND FLAGGERS, AS NEEDED.

NORTH ROUNDABOUT

INSTALL THE NECESSARY TEMPORARY TRAFFIC CONTROL DEVICES AND REOPEN RAMP D, OPENING THE ROUNDABOUT TO TRAFFIC OPERATIONS AND CONSTRUCT REMAINING SPLITTER ISLAND AND TRUCK APRON WORK UNDER TRAFFIC, USING TEMPORARY TRAFFIC CONTROL DEVICES AND FLAGGERS, AS NEEDED. COMPLETE ANY REMAINING TRAFFIC/SPLITTER ISLAND WORK DURING THIS PHASE UNDER FLAGGERS.

PHASE 5:

CONDUCT FINAL RESURFACING OPERATIONS USING FLAGGERS AS NEEDED, BEFORE PLACING FINAL PAVEMENT MARKING AND SIGNING ITEMS. COMPLETE ANY REMAINING WORK INCLUDING FINISH GRADING, REMOVAL ITEMS AND FINAL CLEANUP BEFORE OPENING THE INTERCHANGE TO FULL NORMAL TRAFFIC OPERATIONS IN THE NEW CONFIGURATION.

DESIGN AGENCY



DESIGNER

MS

REVIEWER

JGW 07/10/24

PROJECT ID

118465

SHEET TOTAL

17 | 240