PHASING

INTERMEDIATE CONTRACT TIME: COMPLETE THE WORK REQUIRED OF PHASE III, STEP 4 IN 60 CONSECUTIVE CALENDAR DAYS.

STEP 4: INSTALL OFF SITE DETOUR SIGNING FOR THE CLOSURE OF -Y1RPA- AS SHOWN ON SHEET TMP-2I. COVER THE OFF SITE DETOUR SIGNS UNTIL THE CLOSURE IS MADE OPERATIONAL. UNCOVER THE OFF SITE DETOUR SIGNS AND CLOSE -Y1RPA- TO TRAFFIC. AWAY FROM TRAFFIC, CONSTRUCT THE SECTION OF I-85 SOUTHBOUND, THE SECTION OF PROPOSED -Y1RPA-, AND THE NEW CROSSOVER GRADE AS SHOWN ON SHEETS TMP-88 AND TMP-89. INSTALL TEMPORARY PAVEMENT MARKINGS AND MARKERS FOR THE RE-OPENING OF -Y1RPA- AS SHOWN ON SHEETS TMP-90 AND TMP-91 AND RE-OPEN -Y1RPA- TO TRAFFIC.

INTERMEDIATE CONTRACT TIME: COMPLETE THE WORK REQUIRED OF PHASE III, STEP 5 IN 60 CONSECUTIVE CALENDAR DAYS.

STEP 5: USING ROADWAY STANDARD DRAWING NO. 1101.03, SHEET 2 OF 9, INSTALL OFF SITE DETOUR SIGNING FOR THE CLOSURE OF -Y3RPB- AS SHOWN ON SHEET TMP-2J. COVER THE OFF SITE DETOUR SIGNS UNTIL THE CLOSURE IS MADE OPERATIONAL. UNCOVER THE OFF SITE DETOUR SIGNS AND CLOSE -Y3RPB- TO TRAFFIC. AWAY FROM TRAFFIC, CONSTRUCT THE SECTION OF I-85 SOUTHBOUND, THE SECTION OF PROPOSED -Y3RPB-, AND THE NEW CROSSOVER GRADE AS SHOWN ON SHEETS TMP-92 AND TMP-93. INSTALL TEMPORARY PAVEMENT MARKINGS AND MARKERS FOR THE RE-OPENING OF -Y3RPB- AS SHOWN ON SHEETS TMP-94 AND TMP-95 AND RE-OPEN -Y3RPB- TO TRAFFIC.

INTERMEDIATE CONTRACT TIME: COMPLETE THE WORK REQUIRED OF PHASE III, STEP 6 IN 60 CONSECUTIVE CALENDAR DAYS.

STEP 6: INSTALL OFF SITE DETOUR SIGNING FOR THE CLOSURE OF -Y3RPA- AS SHOWN ON SHEET TMP-2K. COVER THE OFF SITE DETOUR SIGNS UNTIL THE CLOSURE IS MADE OPERATIONAL. UNCOVER THE OFF SITE DETOUR SIGNS AND CLOSE -Y3RPA- TO TRAFFIC. AWAY FROM TRAFFIC, CONSTRUCT THE SECTION OF I-85 SOUTHBOUND, THE SECTION OF PROPOSED -Y3RPA-, AND THE NEW CROSSOVER GRADE AS SHOWN ON SHEETS TMP-96 AND TMP-97. INSTALL TEMPORARY PAVEMENT MARKINGS AND MARKERS FOR THE RE-OPENING OF -Y3RPA- AS SHOWN ON SHEETS TMP-98 AND TMP-99 AND RE-OPEN -Y3RPA- TO TRAFFIC.

NOTE: WORK IN A CONTINUOUS MANNER TO PLACE I-85 NORTHBOUND AND SOUTHBOUND TRAFFIC IN INTERIM TEMPORARY TRAFFIC PATTERN SHOWN ON SHEET TMP-100 AS DESCRIBED IN STEPS 7 AND 8 BY NOVEMBER 15.

STEP 7: INSTALL THE PROPOSED PERMANENT GUIDE SIGNS FOR SOUTHBOUND I-85 AS SHOWN IN THE SIGNING PLANS. INSTALL FINAL PAVEMENT MARKINGS ON THE NEWLY CONSTRUCTED I-85 SOUTHBOUND TRAVEL LANES FROM THE BEGINNING OF THE PROJECT UP THROUGH STA. 348+00+/- AS SHOWN IN THE FINAL PAVEMENT MARKING PLANS. USE TEMPORARY PAINT PAVEMENT MARKINGS TO TIE BACK TO THE EXISTING ONE WAY TWO LANE PATTERN ON I-85 SOUTHBOUND FROM STA. 27+00+/- TO STA. 33+25+/- AND FROM STA. 348+00 TO STA. 379+00+/-. SHIFT I-85 SOUTHBOUND TRAFFIC INTO THE HOLIDAY PHASE III TRAFFIC PATTERN SHOWN ON SHEET TMP-100. IMMEDIATELY CLOSE THE I-85 SOUTHBOUND ON RAMPS AT -Y1- AND -Y3-, RE MARK THE I-85 TIE IN LOCATIONS FOR THESE TWO ON RAMPS AND RE-OPEN THEM TO TRAFFIC. OPEN I-85 SOUTHBOUND TO A ONE WAY TWO LANE PATTERN THROUGHOUT THE PROJECT LIMITS. ENSURE THAT ALL INSTALLED (TEMPORARY AND PERMANENT) GUARDRAIL IS LAPPED IN THE APPROPRIATE DIRECTION FOR AN UPCOMING TRAFFIC SHIFT PRIOR TO SHIFTING TRAFFIC INTO A NEW PATTERN.

STEP 8: REMOVE THE PORTABLE CONCRETE BARRIER PLACED ALONG I-85 NORTHBOUND IN PHASE III, STEP 1 AND REPLACE WITH DRUMS. REMOVE THE CONFLICTING PAVEMENT MARKINGS ON I-85 NORTHBOUND AS SHOWN IN THE HOLIDAY PHASE III TRAFFIC PATTERN TYPICAL ON SHEET TMP-100. TIE TO EXISTING I-85 NORTHBOUND PAVEMENT MARKINGS AT STA. 5+00+/- AND AT STA. 358+00+/-. OPEN I-85 NORTHBOUND TO A ONE WAY TWO LANE PATTERN THROUGHOUT THE PROJECT LIMITS. ENSURE THAT ALL INSTALLED (TEMPORARY AND PERMANENT) GUARDRAIL IS LAPPED IN THE APPROPRIATE DIRECTION FOR AN UPCOMING TRAFFIC SHIFT PRIOR TO SHIFTING TRAFFIC INTO A NEW PATTERN.

PHASE IV

STEP 1: USING THE VARIABLE SPEED LIMIT REDUCTION DETAIL, SHEET TMP-2A, FOR THE WORK ZONE WITHIN NORTH CAROLINA OR THE ACTUAL TMP DETAIL SHEETS FOR THE WORK ZONE WITHIN VIRGINIA, PERFORM THE FOLLOWING:

- CONSTRUCT PROPOSED -CR4S- AS SHOWN ON SHEET TMP-110. KEEP PROPOSED TEMPORARY MEDIAN CROSSOVERS CLOSED WITH DRUMS AND TYPE III BARRICADES.
- COMPLETE THE WORK DESCRIBED IN PHASE I, STEP 6.

INTERMEDIATE CONTRACT TIME: COMPLETE THE WORK REQUIRED OF PHASE IV, STEP 2 THROUGH PHASE V, STEP 6 BY NOVEMBER 15, 2018. THE CONTRACTOR SHALL NOT BEGIN THE WORK REQUIRED OF PHASE IV, STEP 2 THROUGH PHASE V, STEP 6 UNTIL AFTER JANUARY 5, 2018.

NOTE: WORK IN A CONTINUOUS MANNER TO COMPLETE THE WORK REQUIRED OF PHASE IV, STEP 2 TO PLACE TRAFFIC IN THE PHASE IV PATTERN.

STEP 2: USING THE VARIABLE SPEED LIMIT REDUCTION DETAIL, SHEET TMP-2A, FOR THE WORK ZONE WITHIN NORTH CAROLINA OR THE ACTUAL TMP DETAIL SHEETS FOR THE WORK ZONE WITHIN VIRGINIA, PERFORM THE FOLLOWING:

- PLACE I-85 SOUTHBOUND TRAFFIC IN THE INSIDE TRAVEL LANE AND REMOVE THE EXISTING OUTSIDE EDGE LINE AND THE VIBRALINE FROM STA. 340+28+/- TO STA. 550+55+/-. INSTALL TEMPORARY PAVEMENT MARKINGS AND MARKERS AND INSTALL THE SERIES OF WORK ZONE SIGNS AND DEVICES SHOWN ON SHEETS TMP-118 THRU TMP-129 FOR THE I-85 SOUTHBOUND DIRECTION AND PLACE I-85 SOUTHBOUND TRAFFIC IN THE PATTERN SHOWN ON SHEETS TMP-118 THRU TMP-129.
- INSTALL PORTABLE CONCRETE BARRIER ALONG I-85 SOUTHBOUND IN THE LOCATIONS SHOWN ON SHEETS TMP-118 THRU TMP-127. AWAY FROM TRAFFIC, INSTALL TEMPORARY PAVEMENT MARKINGS FOR THE UPCOMING I-85 NORTHBOUND TRAVEL LANES TRAFFIC SHIFT AND THE TEMPORARY RAMP CROSSOVER AREAS AS SHOWN ON SHEETS TMP-118 THRU TMP-127. ENSURE THAT ALL INSTALLED (TEMPORARY AND PERMANENT) GUARDRAIL IS LAPPED IN THE APPROPRIATE DIRECTION FOR AN UPCOMING TRAFFIC SHIFT PRIOR TO SHIFTING TRAFFIC INTO A NEW PATTERN.
- INSTALL THE LANE CLOSURE AND CROSSOVER TRAFFIC CONTROL DEVICES AS SHOWN ON SHEETS TMP-115 THRU TMP-118 AND PLACE I-85 NORTHBOUND TRAFFIC IN THE PATTERN SHOWN ON SHEETS TMP-115 THRU TMP-127. UTILIZE DRUMS TO TEMPORARILY DELINEATE THE ENTRANCE AND EXIT RAMP CROSSINGS OF ORIGINAL I-85 NORTHBOUND UNTIL TEMPORARY PAVEMENT MARKINGS ARE INSTALLED FOR THOSE RAMP CROSSOVER MOVEMENTS AS SHOWN ON SHEETS TMP-124 AND TMP-125. RELOCATE EXISTING GROUND MOUNTED INTERCHANGE GUIDE SIGNS FOR I-85 NORTHBOUND AND THE VDOT REST AREA INTO THE PROPOSED MEDIAN USING WOODEN SUPPORTS OR TEMPORARY SKIDS. ENSURE THAT ALL INSTALLED (TEMPORARY AND PERMANENT) GUARDRAIL IS LAPPED IN THE APPROPRIATE DIRECTION FOR AN UPCOMING TRAFFIC SHIFT PRIOR TO SHIFTING TRAFFIC INTO A NEW PATTERN.

STEP 3: AWAY FROM TRAFFIC, CONSTRUCT PROPOSED I-85 NORTHBOUND IN THE LOCATIONS SHOWN ON SHEETS TMP-118 THRU TMP-127.

AWAY FROM TRAFFIC, CONSTRUCT PROPOSED -CRWCRPB- AND -CRWCRPA- IN THE LOCATIONS SHOWN ON SHEETS TMP-121 AND TMP-123. KEEP PROPOSED TEMPORARY MEDIAN CROSSOVERS CLOSED WITH DRUMS AND TYPE III BARRICADES.

INTERMEDIATE CONTRACT TIME: COMPLETE THE WORK REQUIRED OF PHASE IV, STEP 4 IN 60 CONSECUTIVE CALENDAR DAYS.

STEP 4: INSTALL OFF SITE DETOUR SIGNING FOR THE CLOSURE OF -Y4RPC- AS SHOWN ON SHEET TMP-2L. COVER THE OFFSITE DETOUR SIGNS UNTIL THE CLOSURE IS MADE OPERATIONAL. UNCOVER THE OFFSITE DETOUR SIGNS AND CLOSE -Y4RPC- TO TRAFFIC. CONSTRUCT THE SECTION OF I-85 NORTHBOUND, THE SECTION OF PROPOSED -Y4RPC-, AND THE NEW CROSSOVER GRADE AS SHOWN ON SHEETS TMP-130 AND TMP-131. INSTALL TEMPORARY PAVEMENT MARKINGS AND MARKERS FOR THE RE-OPENING OF -Y4RPC- AS SHOWN ON SHEETS TMP-132 AND TMP-133 AND RE-OPEN -Y4RPC- TO TRAFFIC.

INTERMEDIATE CONTRACT TIME: COMPLETE THE WORK REQUIRED OF PHASE IV, STEP 5 IN 60 CONSECUTIVE CALENDAR DAYS.

STEP 5: USING ROADWAY STANDARD DRAWING NO. 1101.03, SHEET 2 OF 9, INSTALL OFF SITE DETOUR SIGNING FOR THE CLOSURE OF -Y4RPD- AS SHOWN ON SHEET TMP-2M. COVER THE OFF SITE DETOUR SIGNS UNTIL THE CLOSURE IS MADE OPERATIONAL. UNCOVER THE OFF SITE DETOUR SIGNS AND CLOSE -Y4RPD- TO TRAFFIC. CONSTRUCT THE SECTION OF I-85 NORTHBOUND, THE SECTION OF PROPOSED -Y4RPD-, AND THE NEW CROSSOVER GRADE AS SHOWN ON SHEETS TMP-134 AND TMP-135. INSTALL TEMPORARY PAVEMENT MARKINGS AND MARKERS FOR THE RE-OPENING OF -Y4RPD- AS SHOWN ON SHEETS TMP-136 AND TMP-137 AND RE-OPEN -Y4RPD- TO TRAFFIC.