PROJ. REFERENCE NO.	SHEET NO.
I-0914BB	TMP-3C

PHASING

PHASE V

STEP 1: AWAY FROM TRAFFIC, INSTALL COLD APPLIED PLASTIC TAPE PAVEMENT MARKINGS ON THE NEWLY CONSTRUCTED I-85 NORTHBOUND TRAVEL LANES AS SHOWN ON SHEETS TMP-143 THRU TMP-157. INSTALL THE PROPOSED PERMANENT GUIDE SIGNS FOR NORTHBOUND I-85 AS SHOWN IN THE SIGNING PLANS.

NOTE: WORK IN A CONTINUOUS MANNER TO COMPLETE THE WORK REQUIRED OF PHASE V, STEP 1 TO PLACE TRAFFIC IN THE PHASE V PATTERN.

- INSTALL TEMPORARY PAVEMENT MARKINGS AND MARKERS AND INSTALL THE SERIES OF WORK ZONE SIGNS AND DEVICES SHOWN ON SHEETS TMP-142 THRU TMP-145 FOR THE I-85 NORTHBOUND DIRECTION AND PLACE I-85 NORTHBOUND TRAFFIC IN THE PATTERN SHOWN ON SHEETS TMP-143 THRU TMP-157.
- INSTALL PORTABLE CONCRETE BARRIER ALONG I-85 NORTHBOUND IN THE LOCATIONS SHOWN ON SHEETS TMP-145 THRU TMP-157. AWAY FROM TRAFFIC, INSTALL TEMPORARY PAVEMENT MARKINGS FOR THE UPCOMING I-85 SOUTHBOUND TRAVEL LANES TRAFFIC SHIFT AND THE TEMPORARY RAMP CROSSOVER AREAS AS SHOWN ON SHEETS TMP-145 THRU TMP-157. 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-157 THRU TMP-159 AND PLACE I-85 SOUTHBOUND TRAFFIC IN THE PATTERN SHOWN ON SHEETS TMP-145 THRU TMP-158. UTILIZE DRUMS TO TEMPORARILY DELINEATE THE ENTRANCE AND EXIT RAMP CROSSINGS OF ORIGINAL I-85 SOUTHBOUND UNTIL TEMPORARY PAVEMENT MARKINGS ARE INSTALLED FOR THOSE RAMP CROSSOVER MOVEMENTS AS SHOWN ON SHEETS TMP-148, TMP-149, TMP-151, TMP-152, TMP-153, AND TMP-155. RELOCATE EXISTING GROUND MOUNTED INTERCHANGE ADVANCE GUIDE SIGNS FOR I-85 SOUTHBOUND 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 2: AWAY FROM TRAFFIC, CONSTRUCT PROPOSED I-85 SOUTHBOUND IN THE LOCATIONS SHOWN ON SHEETS TMP-145 THRU TMP-157.

INTERMEDIATE CONTRACT TIME: COMPLETE THE WORK REQUIRED OF PHASE V, STEP 3 IN 60 CONSECUTIVE CALENDAR DAYS.

STEP 3: USING ROADWAY STANDARD DRAWING NO. 1101.03, SHEET 2 OF 9, INSTALL OFF SITE DETOUR SIGNING FOR THE CLOSURE OF -Y4RPB- AS SHOWN ON SHEET TMP-2N. COVER THE OFF SITE DETOUR SIGNS UNTIL THE CLOSURE IS MADE OPERATIONAL. UNCOVER THE OFFSITE DETOUR SIGNS AND CLOSE -Y4RPB- TO TRAFFIC. AWAY FROM TRAFFIC, CONSTRUCT THE SECTION OF I-85 SOUTHBOUND, THE SECTION OF PROPOSED -Y4RPB-, AND THE NEW CROSSOVER GRADE AS SHOWN ON SHEETS TMP-162 AND TMP-163. INSTALL TEMPORARY PAVEMENT MARKINGS AND MARKERS FOR THE RE-OPENING OF -Y4RPB- AS SHOWN ON SHEETS TMP-164 AND TMP-165 AND RE-OPEN -Y4RPB- TO TRAFFIC.

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

STEP 4: INSTALL OFF SITE DETOUR SIGNING FOR THE CLOSURE OF -Y4RPA- AS SHOWN ON SHEET TMP-2O. COVER THE OFFSITE DETOUR SIGNS UNTIL THE CLOSURE IS MADE OPERATIONAL. UNCOVER THE OFFSITE DETOUR SIGNS AND CLOSE -Y4RPA- TO TRAFFIC. AWAY FROM TRAFFIC CONSTRUCT THE SECTION OF I-85 SOUTHBOUND, THE SECTION OF PROPOSED -Y4RPA-, AND THE NEW CROSSOVER GRADE AS SHOWN ON SHEET TMP-166. INSTALL TEMPORARY PAVEMENT MARKINGS AND MARKERS FOR THE RE-OPENING OF -Y4RPA- AS SHOWN ON SHEET TMP-167 AND RE-OPEN -Y4RPA- TO TRAFFIC.

INTERMEDIATE CONTRACT TIME: COMPLETE THE WORK REQUIRED OF PHASE V, STEPS 5 AND 6 IN 60 CONSECUTIVE CALENDAR DAYS.

STEP 5: CLOSE ALL PUBLIC ACCESS TO THE REST AREA WITH TYPE III BARRICAES AND DRUMS. NOTIFY MOTORISTS OF THE REST AREA CLOSURE WITH A CHANGEABLE MESSAGE SIGN AS DIRECTED BY THE ENGINEER. REMOVE TEMPORARY RAMP ACCESS TO THE REST AREA AND AWAY FROM TRAFFIC, CONSTRUCT PROPOSED I-85 SOUTHBOUND FROM STA. 395+50+/- TO STA. 403+35+/- AND FROM STA. 418+00+/- TO STA. 426+00+/- AS SHOWN ON TMP-160 AND TMP-161.

COMPLETE CONSTRUCTION ON ALL REMAINING ROADWAY ITEMS ALONG I-85 SOUTHBOUND REQUIRED FOR THE FINAL TRAFFIC PATTERN. INSTALL THE PROPOSED PERMANENT GUIDE SIGNS FOR SOUTHBOUND I-85 AS SHOWN IN THE SIGNING PLANS.

STEP 6: 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:
- INSTALL THE FINAL PAVEMENT MARKINGS AND MARKERS ON I-85 SOUTHBOUND AS SHOWN IN THE FINAL PAVEMENT MARKING PLANS AND SHIFT I-85 SOUTHBOUND TRAFFIC TO THE FINAL PATTERN.
- REMOVE PORTABLE CONCRETE BARRIER FROM THE I-85 NORTHBOUND TRAVEL LANES AND INSTALL FINAL PAVEMENT MARKINGS AND MARKERS ON I-85 NORTHBOUND AS SHOWN IN THE FINAL PAVEMENT MARKING PLANS. REMOVE ALL CONFLICTING MARKINGS AND SHIFT I-85 NORTHBOUND TRAFFIC TO THE FINAL TRAFFIC PATTERN.

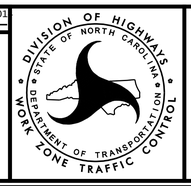
STEP 7: WITH TRAFFIC IN THE FINAL TRAFFIC PATTERN ON I-85 NORTHBOUND AND SOUTHBOUND USE ROADWAY STANDARD DRAWING NO. 1101.02, SHEETS 4, 9 AND 10 OF 15 TO COMPLETE THE FOLLOWING:
- REMOVE ALL REMAINING CROSSOVER ALIGNMENTS IN THE MEDIAN USED IN PHASE II THROUGH PHASE V.
- REGRADE MEDIAN AS SHOWN IN THE ROADWAY DESIGN PLANS.
- COMPLETE INSTALLATION OF GUARDRAIL AT CROSSOVER LOCATIONS.
- PLACE FINAL PAVEMENT MARKINGS AND MARKERS ON ALL ROADS (SEE FINAL PAVEMENT MARKING PLAN).

STEP 8: USING ROADWAY STANDARD DRAWING NO. 1101.02, SHEETS 4, 9 AND 10 OF 15 FOR THE WORK WITHIN NORTH CAROLINA OR TTC-16.0 OR TTC-17.0 FOR THE WORK ZONE WITHIN VIRGINIA, AS NECESSARY, REMOVE ALL REMAINING TRAFFIC CONTROL DEVICES.

PLAN PREPARED IN THE OFFICE OF:
PROGRESSIVE DESIGN GROUP, INC.
ENGINEERS • CONSULTANTS

APPROVED: DocuSigned by: Tim Arey DATE: 12/18/201

SEAL



TRANSPORTATION MANAGEMENT PLAN
PHASING