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

PHASING

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

STEP 3: INSTALL OFF SITE DETOUR SIGNING FOR THE CLOSURE OF -Y1RPC- AS SHOWN ON SHEET TMP-2D. COVER THE OFFSITE DETOUR SIGNS UNTIL THE CLOSURE IS MADE OPERATIONAL. UNCOVER THE OFF SITE DETOUR SIGNS AND CLOSE -Y1RPC- TO TRAFFIC. AWAY FROM TRAFFIC, CONSTRUCT THE SECTION OF I-85 NORTHBOUND, THE SECTION OF PROPOSED -Y1RPC-, AND THE NEW CROSSOVER GRADE AS SHOWN ON SHEET TMP-47. INSTALL TEMPORARY PAVEMENT MARKINGS AND MARKERS FOR THE RE-OPENING OF -Y1RPC- AS SHOWN ON SHEET TMP-48 AND RE-OPEN -Y1RPC- TO TRAFFIC.

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

STEP 4: USING ROADWAY STANDARD DRAWING NO. 1101.03, SHEET 2 OF 9, INSTALL OFF SITE DETOUR SIGNING FOR THE CLOSURE OF -Y1RPD- AS SHOWN ON SHEET TMP-2E. COVER THE OFF SITE DETOUR SIGNS UNTIL THE CLOSURE IS MADE OPERATIONAL. UNCOVER THE OFF SITE DETOUR SIGNS AND CLOSE -Y1RPD- TO TRAFFIC. AWAY FROM TRAFFIC, REMOVE EXISTING -Y1RPD- ALONG THE EXISTING ALIGNMENT AND CONSTRUCT THE SECTION OF I-85 NORTHBOUND, THE SECTION OF PROPOSED -Y1RPD-, AND THE NEW CROSSOVER GRADE AS SHOWN ON SHEETS TMP-49 AND TMP-50. INSTALL TEMPORARY PAVEMENT MARKINGS AND MARKERS FOR THE RE-OPENING OF -Y1RPD- AS SHOWN ON SHEETS TMP-51 AND TMP-52 AND RE-OPEN -Y1RPD- TO TRAFFIC.

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

STEP 5: INSTALL OFF SITE DETOUR SIGNING FOR THE CLOSURE OF -Y3RPC- AS SHOWN ON SHEET TMP-2F. COVER THE OFFSITE DETOUR SIGNS UNTIL THE CLOSURE IS MADE OPERATIONAL. UNCOVER THE OFFSITE DETOUR SIGNS AND CLOSE -Y3RPC- TO TRAFFIC. AWAY FROM TRAFFIC CONSTRUCT THE SECTION OF I-85 NORTHBOUND, THE SECTION OF PROPOSED -Y3RPC-, AND THE NEW CROSSOVER GRADE AS SHOWN ON SHEET TMP-53. INSTALL TEMPORARY PAVEMENT MARKINGS AND MARKERS FOR THE RE-OPENING OF -Y3RPC- AS SHOWN ON SHEET TMP-54 AND RE-OPEN -Y3RPC- TO TRAFFIC.

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

STEP 6: USING ROADWAY STANDARD DRAWING NO. 1101.03, SHEET 2 OF 9, INSTALL OFF SITE DETOUR SIGNING FOR THE CLOSURE OF -Y3RPD- AS SHOWN ON SHEET TMP-2G. COVER THE OFF SITE DETOUR SIGNS UNTIL THE CLOSURE IS MADE OPERATIONAL. UNCOVER THE OFF SITE DETOUR SIGNS AND CLOSE -Y3RPD- TO TRAFFIC. AWAY FROM TRAFFIC, CONSTRUCT THE SECTION OF I-85 NORTHBOUND, THE SECTION OF PROPOSED -Y3RPD-, AND THE NEW CROSSOVER GRADE AS SHOWN ON SHEETS TMP-55 AND TMP-56. INSTALL TEMPORARY PAVEMENT MARKINGS AND MARKERS FOR THE RE-OPENING OF -Y3RPD- AS SHOWN ON SHEETS TMP-57 AND TMP-58 AND RE-OPEN -Y3RPD- 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-59 AS DESCRIBED IN STEPS 7 AND 8 BY NOVEMBER 15.

STEP 7: INSTALL THE PROPOSED PERMANENT GUIDE SIGNS FOR NORTHBOUND I-85 AS SHOWN IN THE SIGNING PLANS. INSTALL COLD APPLIED PLASTIC TAPE PAVEMENT MARKINGS ON THE NEWLY CONSTRUCTED I-85 NORTHBOUND TRAVEL LANES ACCORDING TO THE HOLIDAY PHASE II TYPICAL SHOWN ON SHEET TMP-59 FROM THE BEGINNING OF THE PROJECT UP THROUGH STA. 358+00+/-. TIE TO THE EXISTING I-85 PAVEMENT MARKINGS AT STA. 5+00 AND AT STA. 358+00+/-. SHIFT I-85 NORTHBOUND TRAFFIC INTO THE HOLIDAY PHASE II TRAFFIC PATTERN SHOWN ON SHEET TMP-59. IMMEDIATELY CLOSE THE I-85 NORTHBOUND 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 NORTHBOUND I-85 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 SOUTHBOUND IN PHASE II, STEP 1 AND REPLACE WITH DRUMS. COVER THE CONFLICTING PAVEMENT MARKINGS WITH BLACK PAINT AND INSTALL A NEW CENTER SKIP LINE AND EDGE LINE ON I-85 SOUTHBOUND AS SHOWN IN THE HOLIDAY PHASE II TRAFFIC PATTERN TYPICAL ON SHEET TMP-59. TIE TO EXISTING I-85 SOUTHBOUND PAVEMENT MARKINGS AT STA. 24+00+/- AND AT STA. 378+00+/-. OPEN I-85 SOUTHBOUND TO A ONE WAY TWO LANE PATTERN THROUGHOUT THE PROJECT LIMITS.

STEP 9: USING THE VARIABLE SPEED LIMIT REDUCTION DETAIL, SHEET TMP-2A, COMPLETE CONSTRUCTION OF TEMPORARY MAIN LINE CROSS-OVERS AND TEMPORARY RAMP CROSS-OVERS -CR1S-, -CR2N-, -CRY1RPB-, -CRY1RPA-, -CRY3RPB- AND -CRY3RPA AS REQUIRED FOR THE UPCOMING PHASE III TRAFFIC ON I-85.

PHASE III

INTERMEDIATE CONTRACT TIME: COMPLETE THE WORK REQUIRED OF PHASE III, STEP 1 THROUGH STEP 8 BY NOVEMBER 15, 2017. THE CONTRACTOR SHALL NOT BEGIN THE WORK REQUIRED OF PHASE III, STEPS 1 THROUGH STEP 8 UNTIL AFTER JANUARY 5, 2017.

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

STEP 1: USING THE VARIABLE SPEED LIMIT REDUCTION DETAIL, SHEET TMP-2A COMPLETE THE FOLLOWING:

- PLACE I-85 NORTHBOUND TRAFFIC IN THE INSIDE TRAVEL LANE AND REMOVE THE EXISTING OUTSIDE EDGE LINE STA. 24+50+/- TO STA. 357+73+/-. INSTALL TEMPORARY PAVEMENT MARKINGS AND INSTALL THE SERIES OF WORK ZONE SIGNS AND DEVICES SHOWN ON SHEETS TMP-68 THRU TMP-71 AND PLACE I-85 NORTHBOUND TRAFFIC IN THE PATTERN SHOWN ON SHEETS TMP-68 THRU TMP-80.
- INSTALL PORTABLE CONCRETE BARRIER ALONG I-85 NORTHBOUND IN THE LOCATIONS SHOWN ON SHEETS TMP-71 THRU TMP-80. 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-71 THRU TMP-80. ENSURE THAT ALL INSTALLED (TEMPORARY AND PERMANENT) GUARDRAIL IS LAPPED IN THE 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-80 THRU TMP-83 AND PLACE I-85 SOUTHBOUND TRAFFIC IN THE PATTERN SHOWN ON SHEETS TMP-71 THRU TMP-83. 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-73 THRU TMP-79. RELOCATE EXISTING GROUND MOUNTED INTERCHANGE 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-71 THRU TMP-80. CONSTRUCT THE WEDGE DOWN SECTIONS ACCORDING TO THE ROADWAY DESIGN PLANS IN THE LOCATIONS SHOWN ON SHEETS TMP-71 AND TMP-80.

INTERMEDIATE CONTRACT TIME: COMPLETE THE WORK REQUIRED OF PHASE III, 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 -Y1RPB- AS SHOWN ON SHEET TMP-2H. COVER THE OFF SITE DETOUR SIGNS UNTIL THE CLOSURE IS MADE OPERATIONAL. UNCOVER THE OFF SITE DETOUR SIGNS AND CLOSE -Y1RPB- TO TRAFFIC. CONSTRUCT THE SECTION OF I-85 SOUTHBOUND, THE SECTION OF PROPOSED -Y1RPB-, AND THE NEW CROSSOVER GRADE AS SHOWN ON SHEETS TMP-84 AND TMP-85. INSTALL TEMPORARY PAVEMENT MARKINGS AND MARKERS FOR THE RE-OPENING OF -Y1RPB- AS SHOWN ON SHEETS TMP-86 AND TMP-87 AND RE-OPEN -Y1RPB- TO TRAFFIC.

PLAN PREPARED IN THE OFFICE OF:

PROGRESSIVE DESIGN GROUP, INC.

ENGINEERS • CONSULTANTS

APPROVED: Docusigned by: Tim Arey DATE: 2/2/2015

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 025465 ENGINEER TIM AREY

DIVISION OF HIGHWAYS • STATE OF NORTH CAROLINA • DEPARTMENT OF TRANSPORTATION • WORK ZONE TRAFFIC CONTROL

TRANSPORTATION MANAGEMENT PLAN
PHASING