

CONSTRUCTION PHASING

PHASE I

STEP 1:

PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITY, THE CONTRACTOR SHALL INSTALL WORK ZONE ADVANCE WARNING SIGNS AS SHOWN IN THE NCDOT ROADWAY STANDARD DRAWING NO. 1101.01.

WHILE MAINTAINING EXISTING TRAFFIC ON NC 49/SHANA LANE/ALBEMARLE ROAD, US 64, CONNECTOR ROAD, MACK ROAD, FISHER CIRCLE AND ALL INTERSECTING ROADWAYS AND DRIVEWAYS, USING NCDOT ROADWAY STANDARD DRAWING NO. 1101.02 FOR TEMPORARY LANE CLOSURES AND PROVIDING WEDGING AS NECESSARY TO ENSURE POSITIVE DRAINAGE AND SMOOTH TRANSITIONS FROM NEW TO EXISTING PAVEMENT, THE CONTRACTOR SHALL:

INSTALL ALL TRAFFIC CONTROL DEVICES AS SHOWN ON SHEETS TMP-4 THRU TMP-6

PLACE TEMPORARY PAVEMENT MARKINGS ALONG NC 49 AS SHOWN ON SHEET TMP-4 AND PLACE TRAFFIC ONTO NEW PATTERN.

AWAY FROM TRAFFIC, BEGIN CONSTRUCTION OF THE MACK ROAD EXTENSION.

STEP 2:

CONSTRUCT PROPOSED IMPROVEMENTS UP TO BUT NOT INCLUDING THE FINAL LAYER OF ASPHALT ALONG THE SOUTH SIDE OF NC 49 FROM -Y1- STA. 10+40 TO STA. 27+35 AND ALONG THE EAST SIDE OF MACK ROAD FROM -L- STA. 9+00 TO STA. 14+12 AS SHOWN ON SHEETS TMP-4 THRU TMP-5. DO NOT WIDEN SIMULTANEOUSLY ON BOTH SIDES OF MACK ROAD AT THE INTERSECTION OF NC 49.

CONSTRUCT PROPOSED IMPROVEMENTS UP TO BUT NOT INCLUDING THE FINAL LAYER OF ASPHALT ALONG THE NORTH SIDE OF US 64 FROM -Y2- STA. 17+63 TO STA. 25+80 AS SHOWN ON SHEETS TMP-4 AND TMP-6.

COMPLETE THE NEW DRIVEWAY AT CONNECTOR ROAD AND ASSOCIATED DRAINAGE STRUCTURES ALONG CONNECTOR ROAD IN ORDER TO MAINTAIN ACCESS TO THE TANK & TUMMY GAS STATION DURING PHASE 2 CONSTRUCTION AS SHOWN ON SHEET TMP-4.

PHASE II

WHILE MAINTAINING EXISTING TRAFFIC ON NC 49/SHANA LANE/ALBEMARLE ROAD, US 64, CONNECTOR ROAD, MACK ROAD, FISHER CIRCLE, AND ALL INTERSECTING ROADWAYS AND DRIVEWAYS, USING NCDOT ROADWAY STANDARD DRAWING NO. 1101.02 FOR TEMPORARY LANE CLOSURES AND PROVIDING WEDGING AS NECESSARY TO ENSURE POSITIVE DRAINAGE AND SMOOTH TRANSITIONS FROM NEW TO EXISTING PAVEMENT, THE CONTRACTOR SHALL:

STEP 1:

REMOVE ALL CONFLICTING PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKINGS AND MARKERS ALONG MACK ROAD AND NC 49 AS SHOWN ON SHEETS TMP-7 THRU TMP-8.

SHIFT TRAFFIC SIGNAL HEADS AT THE OAKLEAF RD AND NC 49 INTERSECTION AS SHOWN ON THE TEMPORARY SIGNAL PLANS.

INSTALL ALL TRAFFIC CONTROL DEVICES AS SHOWN ON SHEETS TMP-7 THRU TMP-9.

USING TEMPORARY LANE CLOSURES, FLAGGERS, AND LAW ENFORCEMENT TO DIRECT TRAFFIC AT INTERSECTIONS AS NEEDED, SHIFT TRAFFIC ONTO NEW PATTERN.

STEP 2:

AWAY FROM TRAFFIC, COMPLETE CONSTRUCTION OF PROPOSED MACK ROAD EXTENSION AS SHOWN ON SHEET TMP-7. PLACE FINAL PAVEMENT MARKINGS AND MARKERS. REFER TO PAVEMENT MARKING PLANS FOR LOCATIONS.

CONSTRUCT PROPOSED IMPROVEMENTS UP TO BUT NOT INCLUDING THE FINAL LAYER OF ASPHALT ALONG THE SOUTH SIDE OF US 64 FROM -Y2- STA. 17+44 TO STA. 20+00 AND STA. 23+50 TO STA. 27+09 AS SHOWN ON SHEETS TMP-7 AND TMP-9.

CONSTRUCT PROPOSED IMPROVEMENTS UP TO BUT NOT INCLUDING THE FINAL LAYER OF ASPHALT ALONG THE NORTH SIDE OF NC 49 FROM -Y1- STA. 10+57 TO STA. 25+82 AND ALONG THE WEST SIDE OF MACK ROAD FROM -L- STA. 9+00 TO STA. 13+30 AS SHOWN ON SHEETS TMP-7 THRU TMP-8.

PHASE III

WHILE MAINTAINING EXISTING TRAFFIC ON NC 49/SHANA LANE/ALBEMARLE ROAD, US 64, CONNECTOR ROAD, MACK ROAD, FISHER CIRCLE, AND ALL INTERSECTING ROADWAYS AND DRIVEWAYS, USING NCDOT ROADWAY STANDARD DRAWING NO. 1101.02 FOR TEMPORARY LANE CLOSURES, THE CONTRACTOR SHALL:

STEP 1:

INSTALL PROPOSED TRAFFIC SIGNALS AT THE MACK ROAD AND NC 49 AND THE MACK ROAD EXTENSION AND US 64 INTERSECTIONS.

REMOVE ALL CONFLICTING MARKINGS AND PLACE TEMPORARY PAVEMENT MARKINGS AND MARKERS IN THE FINAL PATTERN ALONG MACK ROAD, NC 49, AND US 64 AS SHOWN ON SHEETS TMP-10 AND TMP-11. REFER TO PAVEMENT MARKING PLANS FOR LOCATIONS. STOPBAR LOCATIONS ARE APPROXIMATE, REFER TO THE FINAL SIGNAL PLANS FOR ACTUAL STOPBAR LOCATIONS.

USING TEMPORARY LANE CLOSURES, FLAGGERS, AND LAW ENFORCEMENT TO DIRECT TRAFFIC AT INTERSECTIONS AS NEEDED, SHIFT TRAFFIC ONTO FINAL PATTERN.

ACTIVATE TRAFFIC SIGNALS, AND RESTORE EXISTING SIGNAL AT OAKLEAF DR / NC 49 INTERSECTION.

INSTALL TRAFFIC CONTROL DEVICES ASSOCIATED WITH STEP 2 AS SHOWN ON SHEET TMP-10.

STEP 2:

CLOSE EXISTING CONNECTOR ROAD TO THROUGH TRAFFIC AND CLOSE TANK & TUMMY DRIVEWAY OFF AT US 64. REMOVE EXISTING PAVEMENT AS SHOWN ON SHEET TMP-10

CONSTRUCT PROPOSED CURB AND GUTTER AND BUILD UP PAVEMENT WHERE NECESSARY AT THE DEMOLISHED DRIVEWAY LOCATIONS FROM -L- STA. 20+35 TO -Y2- STA. 23+50 AND AT THE INTERSECTION OF CONNECTOR ROAD AND NC 49 AS SHOWN ON SHEET TMP-10.

CONSTRUCT PROPOSED CURB AND GUTTER AND DRIVEWAY AT THE TANK AND TUMMY GAS STATION AS SHOWN ON SHEET TMP-10.

STEP 3:

REMOVE TRAFFIC CONTROL DEVICES ASSOCIATED WITH STEP 2 AND INSTALL TRAFFIC CONTROL DEVICES ASSOCIATED WITH MEDIAN WORK AS SHOWN ON SHEETS TMP-10 THRU TMP-11.

STEP 4:

CONSTRUCT PROPOSED MEDIAN ALONG NC 49 FROM -Y1- STA. 10+79 TO STA. 12+79 AND FROM -Y1- STA. 19+96 TO STA. 27+35.

CONSTRUCT PROPOSED MEDIAN ALONG MACK ROAD FROM -L- STA. 12+34 TO STA. 13+53

CONSTRUCT PROPOSED MEDIAN ALONG US 64 FROM -Y2- STA. 18+60 TO STA. 26+09.

CONSTRUCT PROPOSED ISLAND IN GORE AREA OF ALBEMARLE RD AND SHANA LANE.

STEP 5:

PLACE FINAL LAYER OF ASPHALT AND FINAL PAVEMENT MARKINGS AND MARKERS ON NC 49, US 64, AND MACK ROAD. REFER TO THE PAVEMENT MARKING PLANS FOR LOCATIONS.

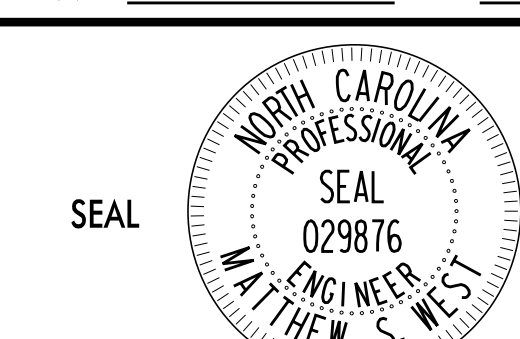
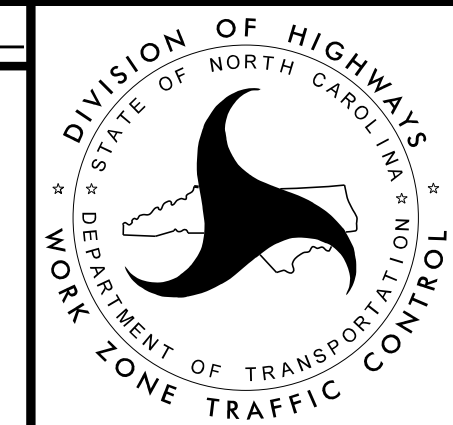
STEP 6:

REMOVE ALL TRAFFIC CONTROL DEVICES, AND OPEN ALL LANES TO TRAFFIC.

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DESIGNED BY:
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4/6/2015

APPROVED: _____ DATE: _____			<h2 style="margin: 0;">TRANSPORTATION OPERATIONS PLAN</h2>
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