

PROJECT PHASING



PROJ. REFERENCE NO.	SHEET NO.
R-2813C	TCP-3A

-- PLACE TEMPORARY PAVEMENT MARKINGS (PAINT) AND TEMPORARY RAISED PAVEMENT MARKERS, AS MUCH AS POSSIBLE WITHOUT INTERFERING WITH EXISTING TRAFFIC, ON NEWLY COMPLETED WIDENING OF NC 146 (-L-) FROM:
STA. 35+60 +/- -L- TO STA. 55+40 +/- -L-
(SEE SHEETS TCP-16 THRU TCP-22).

- CONTRACTOR, USING ROADWAY STANDARD DRAWING NO. 1101.02, SHEET 1, 2, 3, 4 & 5 OF 7:

-- SHALL BEGIN CONSTRUCTION, AS MUCH AS POSSIBLE, THE LEFT SIDE OF PROPOSED WIDENING (A MINIMUM OF 8.1 METERS FOR TWO LANE SECTION & 11.4 METERS FOR THREE LANE SECTION UTILIZING A TEMPORARY SLOPE OF 2:1) OF NC 146 (-L-) FROM STA. 52+80 +/- -L- TO STA. 64+60 +/- L- (INCLUDING PROPOSED MIAMI ROAD [-Y8-], ALL DRIVEWAYS, PROPOSED CURB & GUTTER, PROPOSED DRAINAGE AND PROPOSED RETAINING WALLS) UP TO, BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE (SEE CONSTRUCTION PLANS AND SHEETS TCP-9 THRU 13).

-- SHALL BEGIN CONSTRUCTION, UTILIZING PAVING & WEDGING OPERATIONS, PROPOSED US 25 (-Y9-) FROM:
STA. 10+00 +/- -Y9- TO STA. 13+20 +/- -Y9-
AND PROPOSED MILLER ROAD (-Y10-) FROM:
STA. 10+10 +/- -Y10- TO STA. 10+75 +/- -Y10-
(INCLUDING ALL DRIVEWAYS, PROPOSED CULVERT EXTENSION, PROPOSED CURB & GUTTER AND PROPOSED DRAINAGE) UP TO, BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE (SEE CONSTRUCTION PLANS AND SHEET TCP-13).

-- MAY BEGIN INSTALLATION OF TEMPORARY SIGNAL AT THE INTERSECTION OF NC 146 (-L-) & US 25 (-Y9-) FOR INTERMEDIATE TRAFFIC PATTERN (SEE SIGNAL PLANS AND SHEET TCP-29).

PHASE II

CONTRACTOR SHALL WORK IN A CONTINUOUS MANNER TO COMPLETE THE WORK OF PHASE II, STEP 1 IN ONE WORK PERIOD.

STEP 1: - CONTRACTOR SHALL, USING ROADWAY STANDARD DRAWING NO. 1101.02, SHEET 1 & 2 OF 7:

-- PLACE REMAINDER OF TEMPORARY PAVEMENT MARKINGS (PAINT) AND TEMPORARY RAISED PAVEMENT MARKERS ON NEWLY COMPLETED PROPOSED WIDENING OF NC 146 (-L-), SCHENCK PARKWAY (-Y-), CP&L DRIVE (-Y1-), BUTLER ROAD (-Y2REV-), PLOTT PLACE (-Y3-), WEST SCHOOL ROAD (-Y4-), EASTERN DRIVE (-Y5-) AND TEMPORARY PAVEMENT (STA. 52+00 +/- -L- TO STA. 55+40 +/- -L- COMPLETED IN PHASE I, STEP 4) FROM:
STA. 35+40 +/- -L- TO STA. 55+40 +/- -L-
SHIFT TRAFFIC TO INTERMEDIATE TRAFFIC PATTERN AND ACTIVATE TEMPORARY SIGNAL AT THE FOLLOWING INTERSECTIONS (SEE SIGNAL PLANS AND SHEETS TCP-16 THRU TCP-22):

NC 146 & OFF/ON RAMP TO I-26 WB,
NC 146 (-L-) & SCHENCK PARKWAY (-Y-),
NC 146 (-L-) & CP&L DRIVE (-Y1-),
NC 146 (-L-) & WEST SCHOOL ROAD (-Y4-) AND
NC 146 (-L-) & OVERLOOK ROAD/EXTENSION (-Y6/7-).

NOTE: CONTRACTOR SHALL PLACE TYPE II BARRICADES AT -Y- LINES, TYPE III BARRICADES AT ALL OTHER LOCATIONS AND DRUMS TO CLOSE EXISTING TO TRAFFIC.

STEP 2: - THE FOLLOWING NOTES ARE APPLICABLE FOR PHASE II, STEP 2.

NOTE: CONTRACTOR SHALL PLACE TRAFFIC BACK INTO THE EXISTING PATTERN AT THE END OF EACH WORK PERIOD.

NOTE: CONTRACTOR SHALL PLACE TYPE II BARRICADES AT -Y- LINES, TYPE III BARRICADES AT ALL OTHER LOCATIONS AND DRUMS TO KEEP PROPOSED WIDENING CLOSED TO TRAFFIC.

NOTE: CONTRACTOR MAY BEGIN CONSTRUCTION OF PROPOSED SIDEWALKS, PROPOSED/REQUIRED CURB CUTS AND WHEEL CHAIR RAMPS, AS DIRECTED BY THE ENGINEER (SEE CONSTRUCTION PLANS AND SIGNAL PLANS).

NOTE: WHEN CONSTRUCTING DRAINAGE STRUCTURES ADJACENT TO TRAFFIC, INSTALL TEMPORARY STEEL PLATES, AS DIRECTED BY THE ENGINEER. MAY WORK EACH LOCATION INDEPENDENTLY OR CONCURRENTLY, UNLESS OTHERWISE DIRECTED BY THE ENGINEER. WORK IN A CONTINUOUS MANNER TO PERFORM THE WORK IN THE FOLLOWING SEQUENCE, IN STEPS 'A' THRU 'E'.

A: CLOSE THE APPROPRIATE TRAVEL LANE TO TRAFFIC USING ROADWAY STANDARD DRAWING NO. 1101.02 SHEETS 1, 2, 3, 4 & 5 OF 7.

B: CONSTRUCT PROPOSED STRUCTURE OR INSTALL PRE-CAST DRAINAGE STRUCTURE AS SHOWN IN THE CONSTRUCTION PLANS AND COVER WITH STEEL PLATES TO PROTECT STRUCTURE DURING CURING.

C: OPEN TRAVEL LANE TO EXISTING TRAFFIC PATTERN BY THE END OF EACH WORK PERIOD.

D: WHEN PROPERLY CURED, CLOSE THE APPROPRIATE TRAVEL LANE USING ROADWAY STANDARD DRAWING NO. 1101.02, SHEETS 1, 2, 3, 4 & 5 OF 7. BACKFILL & PAVE, IF REQUIRED, UP TO THE EDGE AND ELEVATION OF EXISTING PAVEMENT (SEE CONSTRUCTION PLANS).

E: OPEN TRAVEL LANE TO EXISTING TRAFFIC PATTERN BY THE END OF THE WORK PERIOD.

- CONTRACTOR SHALL, USING ROADWAY STANDARD DRAWING NO. 1101.02, SHEET 1, 2, 3, 4 & 5 OF 7:

-- CONSTRUCT REMAINDER OF THE LEFT SIDE OF PROPOSED WIDENING OF NC 146 (-L-) FROM:
STA. 49+60 +/- -L- TO STA. 52+80 +/- L-
(INCLUDING EASTERN DRIVE [-Y5-], OVERLOOK ROAD [-Y6-], PROPOSED CURB & GUTTER, PROPOSED DRAINAGE AND PROPOSED RETAINING WALL) UP TO, BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE (SEE CONSTRUCTION PLANS AND SHEETS TCP-20 AND 21).

NOTE: CONSTRUCTION OF PROPOSED OVERLOOK ROAD (-Y6-) SHALL REQUIRE THAT THE EXISTING ROADWAY BE REMOVED. THE CONTRACTOR SHALL NOT CLOSE OVERLOOK ROAD (-Y6-) UNLESS DIRECTED BY THE ENGINEER (COORDINATION WITH THE DIVISION TRAFFIC ENGINEER & REGIONAL TRAFFIC ENGINEER IS REQUIRED). DURING CONSTRUCTION THE CONTRACTOR SHALL PLACE AGGREGATE BASE COURSE, INCIDENTAL STONE OR ASPHALT BASE COURSE & BINDER COURSE TO MAINTAIN ACCESS AT ALL TIMES. CONTRACTOR SHALL PLACE INTERMEDIATE PAVEMENT MARKINGS (PAINT) ON ASPHALT BINDER/ SURFACE COURSE OR DRUMS ON AGGREGATE BASE COURSE/INCIDENTAL STONE TO DELINEATE THE TRAVELWAY DURING CONSTRUCTION.

-- COMPLETE CONSTRUCTION OF THE LEFT SIDE OF PROPOSED WIDENING (A MINIMUM OF 8.1 METERS FOR TWO LANE SECTION & 11.4 METERS FOR THREE LANE SECTION UTILIZING A TEMPORARY SLOPE OF 2:1) OF NC 146 (-L-) FROM:
STA. 52+80 +/- -L- TO STA. 64+60 +/- L-
(INCLUDING PROPOSED MIAMI ROAD [-Y8-], ALL DRIVEWAYS, PROPOSED CULVERT EXTENSION, PROPOSED CURB & GUTTER, PROPOSED DRAINAGE AND PROPOSED RETAINING WALLS) UP TO, BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE BEGUN IN PHASE I, STEP 4 (SEE CONSTRUCTION PLANS AND SHEETS TCP-9 THRU 13, 21 AND 22).

-- INSTALL TEMPORARY SIGNALS AT THE FOLLOWING INTERSECTIONS FOR INTERMEDIATE TRAFFIC PATTERNS (SEE SIGNAL PLANS AND SHEETS TCP-24, 25, 26 & 29):

NC 146 (-L-) & WEST SCHOOL ROAD (-Y4-),
NC 146 (-L-) & OVERLOOK ROAD/EXTENSION (-Y6/7-) AND
NC 146 (-L-) & US 25 (-Y9-).

-- PLACE TEMPORARY PAVEMENT MARKINGS (PAINT) AND TEMPORARY RAISED PAVEMENT MARKERS, AS MUCH AS POSSIBLE WITHOUT INTERFERING WITH EXISTING TRAFFIC, ON NEWLY COMPLETED WIDENING OF NC 146 (-L-) FROM STA. 46+40 +/- -L- TO STA. 64+60 +/- -L- (SEE SHEETS TCP-23 THRU TCP-29).

- CONTRACTOR SHALL, USING ROADWAY STANDARD DRAWING NO. 1101.02, SHEET 1, 2, 3, 4 & 5 OF 7:

-- CONTINUE CONSTRUCTION (BEGUN IN PHASE I, STEP 4), UTILIZING PAVING & WEDGING OPERATIONS, OF PROPOSED US 25 (-Y9-) FROM:
STA. 10+00 +/- -Y9- TO STA. 13+20 +/- -Y9-
AND PROPOSED MILLER ROAD (-Y10-) FROM:
STA. 10+10 +/- -Y10- TO STA. 10+75 +/- -Y10-
(INCLUDING ALL DRIVEWAYS, PROPOSED CURB & GUTTER AND PROPOSED DRAINAGE) UP TO, BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE (SEE CONSTRUCTION PLANS AND SHEET TCP-13).

-- SHALL BEGIN CONSTRUCTION OF THE REMAINDER RIGHT SIDE OF THE PROPOSED NC 146 (-L-) FROM:
STA. 35+80 +/- -L- TO STA. 47+40 +/- -L-
(INCLUDING PROPOSED CP&L DRIVE [-Y1-], ALL DRIVEWAYS, PROPOSED CURB & GUTTER AND PROPOSED DRAINAGE) UP TO, BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE (SEE CONSTRUCTION PLANS).

NOTE: CONTRACTOR SHALL REMOVE & RESET WATER FILLED BARRIER FROM THE LEFT SIDE OF THE EXISTING NC 146 (-L-) TO THE RIGHT SIDE OF PROPOSED NC 146 (-L-) AS SHOWN ON SHEETS TCP-17 THRU 20 FROM:
STA. 39+80 +/- -L- TO STA. 40+60 +/- -L- AND
STA. 46+00 +/- -L- TO STA. 47+00 +/- -L-.

CONTRACTOR SHALL WORK IN A CONTINUOUS MANNER TO COMPLETE THE WORK OF PHASE II, STEP 3 IN ONE WORK PERIOD.

STEP 3: - CONTRACTOR SHALL, USING ROADWAY STANDARD DRAWING NO. 1101.02, SHEET 1 & 2 OF 7:

-- PLACE REMAINDER OF TEMPORARY PAVEMENT MARKINGS (PAINT) AND TEMPORARY RAISED PAVEMENT MARKERS ON NEWLY COMPLETED PROPOSED WIDENING OF NC 146 (-L-), WEST SCHOOL ROAD (-Y4-), EASTERN DRIVE (-Y5-), OVERLOOK ROAD (-Y6-), OVERLOOK ROAD EXTENSION (-Y7-) AND MIAMI ROAD (-Y8-) FROM STA. 46+40 +/- -L- TO STA. 64+60 +/- -L-, SHIFT TRAFFIC TO INTERMEDIATE TRAFFIC PATTERN AND ACTIVATE TEMPORARY SIGNAL AT THE FOLLOWING INTERSECTIONS (SEE SIGNAL PLANS AND SHEETS TCP-23 THRU TCP-29):

NC 146 (-L-) & WEST SCHOOL ROAD (-Y4-),
NC 146 (-L-) & OVERLOOK ROAD/EXTENSION (-Y6/7-) AND
NC 146 (-L-) & US 25 (-Y9-).

NOTE: CONTRACTOR SHALL PLACE TYPE II BARRICADES AT -Y- LINES, TYPE III BARRICADES AT ALL OTHER LOCATIONS AND DRUMS TO CLOSE EXISTING TO TRAFFIC.

NOTE: TRAFFIC SHOULD NOW BE IN THE INTERMEDIATE TRAFFIC PATTERN AS SHOWN ON SHEETS TCP-16 THRU 18 AND TCP-23 THRU 29.

STEP 4: - THE FOLLOWING NOTES ARE APPLICABLE FOR PHASE II, STEP 4.

NOTE: CONTRACTOR SHALL PLACE TRAFFIC BACK INTO THE EXISTING PATTERN AT THE END OF EACH WORK PERIOD.

NOTE: CONTRACTOR SHALL PLACE TYPE II BARRICADES AT -Y- LINES, TYPE III BARRICADES AT ALL OTHER LOCATIONS AND DRUMS TO KEEP PROPOSED WIDENING CLOSED TO TRAFFIC.

NOTE: WHEN CONSTRUCTING DRAINAGE STRUCTURES ADJACENT TO TRAFFIC, INSTALL TEMPORARY STEEL PLATES, AS DIRECTED BY THE ENGINEER. MAY WORK EACH LOCATION INDEPENDENTLY OR CONCURRENTLY, UNLESS OTHERWISE DIRECTED BY THE ENGINEER. WORK IN A CONTINUOUS MANNER TO PERFORM THE WORK IN THE FOLLOWING SEQUENCE, IN STEPS 'A' THRU 'E'.

A: CLOSE THE APPROPRIATE TRAVEL LANE TO TRAFFIC USING ROADWAY STANDARD DRAWING NO. 1101.02 SHEETS 1, 2, 3, 4 & 5 OF 7.

B: CONSTRUCT PROPOSED STRUCTURE OR INSTALL PRE-CAST DRAINAGE STRUCTURE AS SHOWN IN THE CONSTRUCTION PLANS AND COVER WITH STEEL PLATES TO PROTECT STRUCTURE DURING CURING.

C: OPEN TRAVEL LANE TO EXISTING TRAFFIC PATTERN BY THE END OF EACH WORK PERIOD.

APPROVED:	DATE: 5/1/2003	<h2>PROJECT PHASING</h2>							
SCALE: NONE	DATE: NOV 2003	REVISIONS							
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