

# CONSTRUCTION PHASING

## PHASE 1

**STEP 1**  
PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITY, THE CONTRACTOR SHALL INSTALL WORK ZONE ADVANCE WARNING SIGNS AS SHOWN ON RSD. 1101.01.

THE CLOSURE OF FIFTH STREET SHALL NOT EXCEED A PERIOD OF 30 CONSECUTIVE DAYS. SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES.

**STEP 2**  
INSTALL CMS AND DETOUR SIGNS AND CLOSE 5TH STREET AS SHOWN ON TMP-37. COMPLETE ROADWAY CONSTRUCTION AND INSTALL 60" RCP AS SHOWN ON THE ROADWAY PLANS. UPON COMPLETION REOPEN 5TH STREET TO TRAFFIC.

**STEP 3**  
INSTALL DETOUR SIGNS AND CLOSE MYRTLE STREET AND PENNSYLVANIA AVENUE AS SHOWN ON TMP-32.

CLOSE SPRUCE STREET, COLUMBIA AVENUE, CLARK STREET AND CHESTNUT STREET AS SHOWN ON TMP-7 THRU TMP-9.

BEGIN WORK ON NEW LOCATION -L- TENTH STREET FROM EAST OF 14TH STREET TO WEST OF DICKINSON AVENUE AS SHOWN ON TMP-7 THRU TMP-9.

NOTE: PHASE 1, STEPS 2 THRU 4A MAY BE PERFORMED CONCURRENTLY.

**STEP 4**  
USING RSD 1101.02 SHEETS 1, 3, AND 8 FOR TEMPORARY LANE CLOSURES, PERFORM THE FOLLOWING AS SHOWN ON TMP-4 THRU TMP-7A, TMP-12, TMP-13:

- INSTALL TRAFFIC CONTROL DEVICES AND TEMPORARY SIGNALS AT THE STANTONSBURG/MEMORIAL, FARMVILLE/BANCROFT, AND FARMVILLE/ 14TH STREET INTERSECTIONS. ACTIVATE THE TEMPORARY SIGNALS.
- INSTALL DETOUR SIGNS AND CLOSE PARIS AVENUE AND RALEIGH AVENUE AS SHOWN ON TMP-33 AND COMPLETE ASSOCIATED CONSTRUCTION.
- INSTALL TEMPORARY SIDEWALK ALONG 14TH STREET.

BEGIN CONSTRUCTION AS SHOWN ON TMP-4 THRU TMP-7A, TMP-12, AND TMP-13.

COMPLETE THE WORK OF STEP 4A IN 30 CONSECUTIVE CALENDER DAYS. SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES.

**STEP 4A**  
INSTALL PCB, CRASH CUSHION, AND TEMPORARY SHORING ALONG MEMORIAL DR. AS SHOWN ON TMP-5 AND 12.

NOTE: SEQUENCE THE INSTALLATION OF PCB AND SHORING SUCH THAT A MINIMUM OF ONE DRIVEWAY ACCESS IS MAINTAINED FOR THE HESS GAS STATION AND ONE DRIVEWAY ACCESS IS MAINTAINED FOR THE COOKOUT RESTAURANT AT ALL TIMES.

INSTALL DRAINAGE STRUCTURES AND RCP BETWEEN STR. NO. 1210 AND NO. 0519.

REMOVE TEMPORARY SHORING AND PCB.

**STEP 5**  
UPON COMPLETION OF 5TH STREET WORK, INSTALL DETOUR SIGNS AND CLOSE TENTH STREET AS SHOWN ON TMP-30.

BEGIN WORK ON -L- TENTH STREET FROM EAST OF DICKINSON AVENUE TO WEST OF EVANS STREET AS SHOWN ON TMP-9 THRU TMP-11.

THE CLOSURE OF DICKINSON AVENUE AND GRANDE AVENUE SHALL NOT EXCEED A PERIOD OF 45 CONSECUTIVE DAYS. SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES.

**STEP 6**  
INSTALL DETOUR SIGNS AND CLOSE DICKINSON AVENUE/GRANDE AVENUE INTERSECTION AS SHOWN ON TMP-31.

AWAY FROM TRAFFIC AND MAINTAINING PEDESTRIANS AS SHOWN ON TMP-46, PERFORM THE FOLLOWING AS SHOWN ON TMP-9:  
 -COMPLETE REPLACEMENT OF DICKINSON AVENUE  
 -COMPLETE AT GRADE RAIL CROSSING AT INTERSECTION  
 - REMOVE SOUTHERN LEG OF GRANDE AVENUE  
 - UPON COMPLETION REOPEN DICKINSON AVENUE/GRANDE AVENUE TO TRAFFIC.

NOTE:  
PHASE 1, STEPS 5 THRU 7 MAY BE PERFORMED CONCURRENTLY.  
PHASE 1, STEPS 3 AND 5 MAY CONTINUE THROUGHOUT PHASE 1 AND PHASE 2.

## PHASE 1 (CONT'D)

**STEP 7**  
USING RSD 1101.02 SHEETS 1, 3, AND 8 FOR TEMPORARY LANE CLOSURES, PERFORM THE FOLLOWING AS SHOWN ON TMP-11:

- INSTALL TRAFFIC CONTROL DEVICES AND TEMPORARY SIGNAL AT TENTH ST/ EVANS ST INTERSECTION.
- PLACE TEMPORARY PAVEMENT MARKINGS (PAINT), REMOVE CONFLICTING MARKINGS, ACTIVATE SIGNALS, AND PLACE TRAFFIC ONTO NEW PATTERN.

COMPLETE CONSTRUCTION AS SHOWN ON TMP-4 THRU TMP-13.

NOTE:  
IN THE EVENT THAT DRAINAGE CONSTRUCTION CANNOT BE COMPLETED WHILE MAINTAINING TRAFFIC OR WITHIN GENERAL LANE CLOSURE TIME RESTRICTIONS, TEMPORARY NIGHTTIME ROAD CLOSURES SHALL BE USED IN ACCORDANCE WITH GENERAL NOTE C. SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES.

## PHASE 2

NOTE: PHASE 1, STEPS 3 AND 4 MAY CONTINUE THROUGHOUT PHASE 2 CONSTRUCTION.

USING RSD 1101.02 SHEETS 1, 3, AND 8 FOR TEMPORARY LANE CLOSURES, PERFORM THE FOLLOWING AS SHOWN ON TMP-14 THRU TMP-23:

- STEP 1:**
- INSTALL TEMPORARY SIGNALS AND TRAFFIC CONTROL DEVICES.
  - PLACE TEMPORARY PAVEMENT MARKINGS (PAINT), REMOVE CONFLICTING MARKINGS, ACTIVATE SIGNALS, AND PLACE TRAFFIC ONTO NEW PATTERN.

**STEP 2:**  
COMPLETE CONSTRUCTION AS SHOWN ON TMP-14 THRU TMP-23. IN THE EVENT THAT DRAINAGE CONSTRUCTION CANNOT BE COMPLETED WHILE MAINTAINING TRAFFIC OR WITHIN GENERAL LANE CLOSURE TIME RESTRICTIONS, TEMPORARY NIGHTTIME ROAD CLOSURES SHALL BE USED IN ACCORDANCE WITH GENERAL NOTE C. SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES.



THE CLOSURE OF DICKINSON AVENUE AND GRANDE AVENUE SHALL NOT EXCEED A PERIOD OF 15 CONSECUTIVE DAYS. SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES.

- STEP 3:**
- INSTALL DETOUR SIGNS AND CLOSE THE DICKINSON AVENUE/GRANDE AVENUE INTERSECTION
  - INSTALL GIRDERS ON THE NEW BRIDGE OVER INTERSECTION
  - UPON COMPLETION REOPEN DICKINSON AVENUE/GRANDE AVENUE TO TRAFFIC.

NOTE: PHASE 2, STEPS 2 AND 3 MAY BE PERFORMED CONCURRENTLY.

K:\RAL\_Roadway\01036175 (U-3315)NTrafficControl\CP\Sheets\U3315\_TMP\_1shdgn 11/4/2014

# Kimley»Horn

APPROVED: <u>Jason Pace</u> DATE: <u>11/17/2014</u>		
<h2 style="font-size: 2em;">PHASING</h2>		