

## GENERAL NOTES

- THE GENERAL CONTRACTOR SHALL COORDINATE THE SEQUENCE OF CONSTRUCTION WITH THE CITY OF ROANOKE TRANSPORTATION DEPARTMENT AND THE NORFOLK SOUTHERN VIRGINIA DIVISION ENGINEER. WRITTEN NOTIFICATION SHALL BE PROVIDED TO BOTH PARTIES WITH A WORK SCHEDULE, TWO (2) WEEKS PRIOR TO BEGINNING ROAD WORK. THE SEQUENCE OF CONSTRUCTION SHALL ALSO BE PROVIDED TO THE CITY OF ROANOKE PLANNING DIVISION AT THE PRE-CONSTRUCTION CONFERENCE.
- THIS PROJECT CAN BE DIVIDED INTO THREE (3) DISTINCT PHASES OF IMPROVEMENT AND THE TEMPORARY TRAFFIC PLANS WILL BE DIVIDED INTO THESE THREE (3) AREAS. SHOULD THE CONTRACTOR NEED TO REVISE ANY OF THE SUGGESTED CONSTRUCTION PHASING, A MODIFIED TEMPORARY TRAFFIC PLAN SHALL BE PROVIDED TO THE CITY OF ROANOKE AND NORFOLK SOUTHERN (N-S).  
PHASE 1- INCLUDES THE CONSTRUCTION OF IMPROVEMENTS FOR THE NEW RAILROAD CROSSING READY FOR THE FINAL CROSSING CONSTRUCTION BY N-S. THE REALIGNMENT OF RESERVE AVE ON BOTH SIDES OF THE RAILWAY, INSTALLATION OF THE STORM DRAIN SYSTEM, COMPLETION OF THE SIDEWALK CROSSING WITHIN THE N-S RIGHT-OF-WAY, AND DEMOLITION OF RESERVE AVENUE ALONG THE WESTERN PORTION OF THE RAILWAY.  
PHASE 2- INCLUDES MODIFICATIONS TO THE CURB ALIGNMENT AT THE SW CORNER OF THE PARKING DECK.  
PHASE 3- INCLUDES CONSTRUCTION OF TWO (2) NEW ENTRANCES ALONG RESERVE AVENUE, INSTALLATION OF NEW CURBING ALONG THE WESTERN ALIGNMENT OF RESERVE AVENUE AT THE VICINITY OF THE OLD CROSSING, DEMOLITION OF REMAINING ROAD AND CURBING WITHIN THE N-S RIGHT-OF-WAY, AND MILLING AND REPAVING OF RESERVE AVENUE IN THE VICINITY OF THE PARKING DECK AND HONEYTREE.
- THE GENERAL CONTRACTOR (G.C.) FOR THIS PROJECT SHALL BE COMMITTED TO PROVIDING SAFE AND EFFICIENT MOVEMENT OF MOTORIZED AND NON-MOTORIZED TRAFFIC THROUGH OR AROUND ROADWAY WORK ZONES, AS WELL AS PROVIDING PROTECTION FOR WORKERS AND EQUIPMENT LOCATED WITHIN WORK ZONES.
- THE G.C. SHALL FOCUS ON ROADWAY VISIBILITY AND FUNCTIONALITY OF TEMPORARY TRAFFIC CONTROL IN WORK ZONES AND TRAFFIC FLOW THROUGH THE WORK ZONES. ADEQUATE SIGHT DISTANCE SHALL BE MAINTAINED DURING CONSTRUCTION. NEITHER TRAFFIC CONTROL DEVICES, NOR SIGNS, MATERIAL STORAGE, CONSTRUCTION EQUIPMENT, NOR ANY OTHER OBSTACLE CAN BE ALLOWED TO INTERFERE WITH SIGHT DISTANCES AT ENTRANCES OR INTERSECTIONS ON THE PROJECT.
- G.C. SHALL COMPLETE THE WORK IN A TIMELY MANNER TO MAINTAIN ACCESS FOR THE ADJOINING BUSINESSES.
- G.C. SHALL EXPECT FREQUENT ON-SITE REVIEWS BY THE CITY OF ROANOKE AND N-S TO INSPECT THE WORK ZONES PERFORMANCE AND TO IMPLEMENT ANY CHANGES TO THE TEMPORARY TRAFFIC PLAN TO ENHANCE THE WORK ZONE'S SAFETY AND MOBILITY.
- THE ROADWAYS CURRENTLY BEING WORKED IN ARE EITHER A NON-POSTED SPEED LIMIT (ASSUME 25 MPH) OR POSTED AS 25 MPH. ALL TAPER LENGTHS, BUFFER LENGTHS, AND CHANNELIZING DEVICES SHALL BE BASED ON THIS SPEED WHERE APPLICABLE.
- ALL SIGNS, AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH VIRGINIA'S WAMP AND MUTCD STANDARDS.
- IT IS NOT THE INTENT OF THIS PLAN TO ENUMERATE EVERY DETAIL WHICH MUST BE CONSIDERED IN THE CONSTRUCTION OF EACH PHASE, BUT ONLY TO SHOW THE GENERAL FEATURES NECESSARY TO PROVIDE FOR PROPER HANDLING OF TRAFFIC. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE FOR SAFE TRAVEL AROUND THE WORK ZONES.
- SIGN SPACING MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
- ALL TRAFFIC CONTROL DEVICES INDICATED SHALL BE REVIEWED DAILY TO ENSURE THEIR FUNCTIONALITY.
- THE USE OF FLAGGERS SHALL BE PERMITTED AS REQUIRED. ALL FLAGGERS SHALL BE STATE CERTIFIED AND HAVE THEIR CERTIFICATION IN THEIR POSSESSION WHEN PERFORMING FLAGGING DUTIES.
- CHANNELIZING DEVICES, SUCH AS CONES OR BARRELS, AND/OR WORK VEHICLES SHALL BE UTILIZED WHERE REQUIRED IN ACCORDANCE WITH THE WAMP.
- TRAVEL LANES SHALL MAINTAIN A MINIMUM WIDTH OF ELEVEN (11) FEET AT ALL TIMES, UNLESS OTHERWISE NOTED.
- WHEN WORK IS NOT ACTIVE, NO EQUIPMENT OR STORED MATERIALS SHALL BE LEFT WITHIN THE PUBLIC ROADWAYS THAT ARE OPERATIONAL. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO WORK WITH LOCAL PROPERTY OWNERS TO ACQUIRE TEMPORARY RIGHTS TO UTILIZE ANY ADJOINING PROPERTIES FOR STORING, PARKING, ETC.
- IF CONSTRUCTION OCCURS AFTER DARK, FLOODLIGHTS SHALL BE UTILIZED TO PROVIDE ADEQUATE LIGHTING. FLOODLIGHTS SHALL NOT CREATE A DISTRACTING GLARE TO DRIVERS.

## SIGNAGE LEGEND

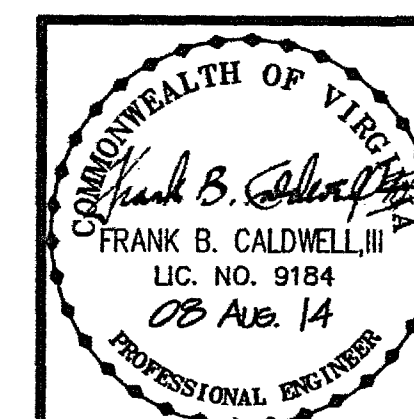
SYMBOL	SIGN OR PLAQUE	SIGN DESIGNATION
A	ROAD WORK AHEAD	W20-1
B	RIGHT SHOULDER CLOSED AHEAD	VW-28
C	ROAD CLOSED AHEAD	W20-3
D	END ROAD WORK	G20-2
E	SIDEWALK CLOSED, CROSS HERE	R9-11aR
F	ROAD CLOSED TO THRU TRAFFIC	R11-4
G	ROAD NARROWS	W5-1
H	SIDEWALK CLOSED	R9-9
I	RIGHT LANE CLOSED AHEAD	W20-5
J	LANE ENDS MERGE LEFT	W9-2
K	GRAPHIC - LANE ENDS SIGN	W4-2R
L	DETOUR AHEAD	W20-2
M	DETOUR AHEAD	M4-9R
N	DETOUR	M4-8
O	DETOUR AHEAD	M4-9L
P	ROUGH ROAD	W8-8
Q	UNEVEN LANES	W8-11
-	SIGN	
•	GROUP 1, CHANNELIZING DEVICE "DRUM"	
•	MAX. 35' SPACING, 25' PREFERRED.	
•	ARROW BOARD W/ SUPPORT OR TRAILER MOUNTED	
•	TYPE III BARRICADE, WITH WARNING LIGHTS	
•	PRECAST CONCRETE MEDIAN BARRIER	

## SUGGESTED CONSTRUCTION SEQUENCE

- PHASE 1
- INSTALL INDICATED TRAFFIC MANAGEMENT SIGNAGE, ETC AND BLOCK OFF RESERVE AVENUE FROM JEFFERSON STREET AND ALONG THE FRONTAGE ROAD.
  - G.C. SHALL PLACE PRECAST CONCRETE MEDIAN BARRIERS AT THE PROPOSED CROSSING AND ALONG THE EASTERN PORTION OF THE EXISTING CROSSING AS INDICATED.
  - WHILE N-S RELOCATES THE EXISTING CROSSING GATES, G.C. SHALL BEGIN DEMOLITION OF OLD RESERVE AVENUE ALONG THE WESTERN PORTION OF THE RAILWAY AND INSTALLATION OF THE PROPOSED IMPROVEMENTS ALONG THE VICINITY OF THE PROPOSED CROSSING INCLUDING THE UNDERGROUND TRAFFIC CONDUITS.
  - UPON COMPLETION OF PAVING OPERATIONS, G.C. SHALL CONTACT THE CITY OF ROANOKE TRANSPORTATION DEPARTMENT FOR INSTALLATION OF THE SIGNS. THE CITY IS RESPONSIBLE FOR INSTALLING ALL SIGNS. SEE DETAIL E/C-10. G.C. SHALL COMPLETE ALL PAINT STRIPING, ETC AS INDICATED ON SHEET C-7.
  - UPON COMPLETION OF THE NEW RAILWAY CROSSING, AND ALL COORDINATION EFFORTS ARE COMPLETE TO RE-OPEN TO THE PUBLIC, THE G.C. SHALL KEEP THE ROAD AND CROSSING CLOSED BY MAINTAINING THE TEMPORARY BARRICADES NORTH OF HONEYTREE, AND RE-SETTING THE FOUR (4) PRECAST CONCRETE MEDIAN BARRIERS AT THE CROSSING, AND MAINTAIN ALL DETOUR RELATED SIGNAGE UNTIL THE PROJECT IS COMPLETE UNDER THE PHASE 3 IMPROVEMENTS.
- PHASE 2:
- G.C. SHALL INSTALL TEMPORARY BARRICADES, ETC AS REQUIRED TO PROCEED WITH THE INSTALLATION OF THE NEW CURB ALIGNMENT AND AGGREGATE BASE COURSE AT THE SW CORNER OF THE PARKING DECK.
7. AFTER THESE PERIMETER MODIFICATIONS HAVE BEEN COMPLETED, G.C. SHALL THEN PROCEED WITH THE PHASE 3 IMPROVEMENTS INDICATED ON SHEET C-3.

## ACRONYMS

MUTCD	MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, 2009 EDITION
N-S	NORFOLK SOUTHERN
VDOT	VIRGINIA DEPARTMENT OF TRANSPORTATION
WAMP	VIRGINIA WORK AREA PROTECTION MANUAL, 2011 EDITION



Designed: J.W.K.  
Drawn: J.V.J.  
Checked: F.B.C.  
Revised: 08/30/14  
Scale: 1"=60'  
Tax Parcel: 4040503  
N.B. No.: CARILION #11  
W.D. No.: 10-0006

PHASE 1 & 2 CONSTRUCTION PLANS  
FOR  
**RESERVE AVENUE  
REALIGNMENT**  
EAST OF SOUTH JEFFERSON STREET  
ROANOKE CITY, VIRGINIA

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