

PROJECT MANAGER: Chris Barksdale, PE (703) 259-2768 JNQ/AL  
SURVEYED BY, DATE: Brian Eltcher, L.S. (703) 259-2355 JNQ/AL, August 2015  
DESIGN BY: Tyler Long, PE, JWhitman, Requardt & Associates, (703) 293-9072  
SUBSURFACE UTILITY BY, DATE: So-Deep, Inc., (703) 361-6005, August 2015

**R.O.W. PLANS**  
**THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION.**

# SEQUENCE OF CONSTRUCTION & TRANSPORTATION MANAGEMENT PLANS

REVISED	STATE	STATE PROJECT		SHEET NO.
	VA.	638	0638-029-156 P-104, R-204, C-504	
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT				
Whitman, Requardt & Associates Fairfax, Virginia ROADWAY ENGINEER				

### GENERAL NOTES

- THE CONTRACTOR IS EXPECTED TO FOLLOW THE TRAFFIC CONTROL PLANS AS PROPOSED. IF THE CONTRACTOR WISHES TO DEVIATE FROM THE PROPOSED TRAFFIC CONTROL PLANS, THE CONTRACTOR SHALL DEVELOP PLANS THAT CONFORM TO THE 2016 ROAD & BRIDGE STANDARDS; 2016 VDOT ROAD AND BRIDGE SPECIFICATIONS; 2009 MUTCD (REV. 1 & 2); 2011 SUPPLEMENT TO THE MUTCD; 2011 VIRGINIA WORK AREA PROTECTION MANUAL (REV. 1). THE CONTRACTOR SHALL SUBMIT THE TRAFFIC CONTROL PLAN FOR APPROVAL BY THE ENGINEER PRIOR TO THE INSTALLATION OF ANY TEMPORARY LANE CLOSURE MEASURES. THE CONTRACTOR WILL DEVELOP THE TRAFFIC CONTROL PLAN AT NO COST TO THE PROJECT. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE FOR SAFE TRAVEL ON THE ROADWAYS.
- THE TRANSPORTATION MANAGEMENT AND TEMPORARY TRAFFIC CONTROL PLANS ARE INTENDED AS A GUIDE. THEY ARE NOT TO ENUMERATE EVERY DETAIL WHICH MUST BE CONSIDERED IN THE CONSTRUCTION OF EACH STAGE BUT ONLY TO SHOW GENERAL HANDLING OF TRAFFIC.
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE 2016 ROAD & BRIDGE STANDARDS; 2016 VDOT ROAD AND BRIDGE SPECIFICATIONS; 2009 MUTCD (REV. 1 & 2); 2011 SUPPLEMENT TO THE MUTCD; 2011 VIRGINIA WORK AREA PROTECTION MANUAL (REV. 1); AND AS DIRECTED BY THE ENGINEER.
- AT THE CONCLUSION OF EACH WORKDAY, ALL AREAS EXCAVATED 2' OR MORE BELOW THE EXISTING PAVEMENT SURFACE AND WITHIN THE CONSTRUCTION CLEAR ZONE SHALL BE BACKFILLED TO FORM A MINIMUM 6% DESIRABLE WEDGE AGAINST THE EXISTING PAVEMENT SURFACE FOR THE SAFETY AND PROTECTION OF VEHICULAR TRAFFIC. ALL COST FOR PLACING, MAINTAINING, AND REMOVING THIS WEDGE SHALL BE INCLUDED IN THE PRICE BID FOR OTHER ITEMS IN THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- UNDER NO CIRCUMSTANCES WILL CONCURRENT CONSTRUCTION LEFT AND RIGHT OF ANY LANE BE ALLOWED UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- EXISTING SURFACE, AGGREGATE BASE AND SUBBASE MATERIAL WHICH WILL BE DEMOLISHED OR OBLITERATED DURING CONSTRUCTION AND WHICH IS SUITABLE FOR MAINTENANCE OF TRAFFIC PRIOR TO THE USE OF COMMERCIAL MATERIALS, WHEN NOT SPECIFIED AS A SEPARATE PAY ITEM, THE REMOVAL AND SALVAGING OF EXISTING SURFACES AND AGGREGATE BASE AND SUBBASE MATERIAL AND REUSE OF MATERIALS WILL BE MEASURED AND PAID FOR AS REGULAR EXCAVATION IN ACCORDANCE WITH SECTION 303 OF THE SPECIFICATION.
- SEE LIMITS OF OPERATION SPECIAL PROVISION SECTION 108.02 FOR ALLOWABLE HOURS OF LANE CLOSURES, HOLIDAY LIMITATIONS, AND OTHER RELATED REQUIREMENTS.
- ACCESS TO ADJACENT RESIDENTIAL AND COMMERCIAL PROPERTIES SHALL BE MAINTAINED AT ALL TIMES OR AS DIRECTED BY THE ENGINEER.
- THE CONTRACTOR SHALL NOTIFY EACH AFFECTED PROPERTY OWNER AT LEAST 48 HOURS IN ADVANCE OF THE START OF ANY WORK THAT WILL REQUIRE THE TEMPORARY CLOSURE OF ACCESS.
- ERADICATE AND RESTRIPE EXISTING PAVEMENT MARKINGS AS NECESSARY TO SHIFT TRAFFIC.
- CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ANY EXISTING SIGNS, UNLESS OTHERWISE ADVISED BY THE ENGINEER TO REMOVE OR RELOCATE.
- ALL PAVEMENT MARKINGS AND TRAFFIC FLOW ARROWS ARE SCHEMATIC ONLY. THE ACTUAL LOCATION AND APPLICATION OF PAVEMENT MARKINGS SHALL BE MADE AS PER TEMPORARY PAVEMENT MARKINGS PLANS & IN ACCORDANCE WITH SECTION 704 OF THE 2016 VDOT ROAD AND BRIDGE SPECIFICATIONS; THE 2009 MUTCD; 2011 SUPPLEMENT TO THE MUTCD; THE 2016 ROAD AND BRIDGE STANDARDS; OR AS DIRECTED BY THE ENGINEER.
- THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE CONSTRUCTION, SIGNING AND TRAFFIC MANAGEMENT PLAN WITH OTHER ADJACENT PROJECTS UNDER CONSTRUCTION.
- ALL EROSION AND SEDIMENT CONTROL MEASURES AND TEMPORARY DRAINAGE SHALL BE IN PLACE PRIOR TO THE BEGINNING OF CONSTRUCTION.
- EQUIPMENT AND MATERIALS SHALL NOT BE STORED WITHIN THE ESTABLISHED CLEAR ZONE AND/OR DEFLECTION ZONE OF PHYSICAL BARRIERS IN ACCORDANCE WITH THE 2011 WORK AREA PROTECTION MANUAL.
- CONTRACTOR SHALL EXPEDITE WORK BEHIND BARRIER IN THE INFLUENCE OF INTERSECTIONS TO RESTORE SIGHT DISTANCE AS SOON AS POSSIBLE.
- AT LOCATIONS WHERE THE CONTRACTOR MUST PROVIDE AN OPENING IN THE TRAFFIC BARRIER SERVICE, AN APPROVED IMPACT ATTENUATOR SHALL BE PROVIDED TO PROTECT BLUNT END OF TRAFFIC BARRIER SERVICE.
- THE PROJECT TYPE IS CATEGORIZED AS TYPE B, CATEGORY III.
- CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE DURING CONSTRUCTION PHASING AT NO ADDITIONAL COST TO THE DEPARTMENT.
- CONTRACTOR SHALL PLACE PORTABLE CHANGEABLE MESSAGE SIGNS (PCMS) AT LOCATIONS APPROVED BY VDOT. PLACEMENT OF PCMS SHALL BE IN ACCORDANCE WITH THE VIRGINIA WORK AREA PROTECTION MANUAL (WAPM).
- ALL CHANNELIZING DEVICE SPACING SHALL BE IN ACCORDANCE WITH TABLE 6H-4 OF THE 2011 WAPM.
- ON STREET PARKING SHALL BE PROHIBITED DURING ALL PHASES OF CONSTRUCTION.
- PEDESTRIAN ACCESS ROUTES SHALL BE PROVIDED DURING ALL PHASES OF CONSTRUCTION WHERE EXISTING FACILITIES ARE PRESENT.
- FLAGGERS SHALL BE UTILIZED TO BRING TRUCKS IN AND OUT OF MEDIAN WORK AREAS DURING CONSTRUCTION.
- CONTRACTOR SHALL ALWAYS MAINTAIN SERVICES DURING UTILITIES, DRAINAGE RELOCATION, AND OTHER CONSTRUCTION ACTIVITIES.

### PUBLIC COMMUNICATIONS PLAN

THE PUBLIC SHALL BE NOTIFIED OF THE EXPECTED SCHEDULE ON VDOT'S WEB SITE FOR THIS PROJECT. INFORMATION OF THE POTENTIAL FOR BACK-UPS DURING THE PEAK HOURS OF OPERATION IS PROVIDED BY THE REGIONAL TRAFFIC OPERATIONS CENTER.

### TRANSPORTATION OPERATIONS PLAN

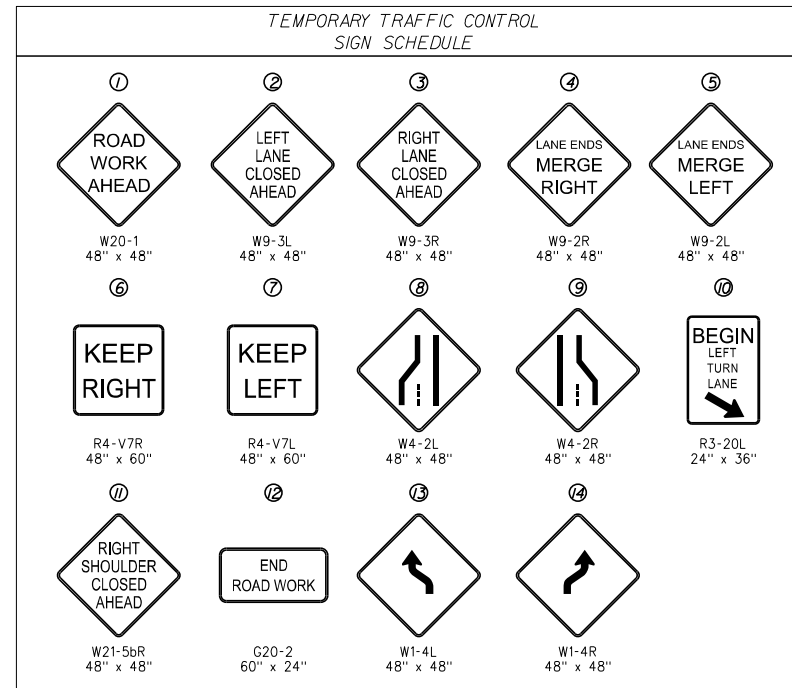
THE PUBLIC AFFAIRS SECTION AND THE TRAFFIC OPERATIONS CENTER SHALL BE NOTIFIED BY THE CONSTRUCTION PROJECT MANAGER OF LANE CLOSURE INFORMATION FOR DISTRIBUTION ON THE 511 SYSTEM AND VOIS. THE CONSTRUCTION PROJECT MANAGER SHALL BE NOTIFIED ONE WEEK IN ADVANCE OF LANE CLOSURES. EMERGENCY RESPONSE PROFESSIONALS SHALL RESPOND TO TRAFFIC INCIDENTS IN THE WORK ZONE AS SOON AS POSSIBLE. CONTRACTOR SHALL HAVE A TRAINED EMPLOYEE AND BY NOON ON EACH THURSDAY, THE CONTRACTOR SHALL SUBMIT A REQUEST ONLINE TO THE LANE CLOSURE ADVISORY MANAGEMENT SYSTEM (LCAMS) FOR REQUIRED LANE CLOSURES FOR THE FOLLOWING WEEK.

THE FOLLOWING IS THE CONTACT LIST OF EMERGENCY RESPONSE AGENCIES IN CASE AN INCIDENT OCCURS IN THE WORK ZONE:

POLICE/AMBULANCE/FIRE SAFETY /HAZMAT SPILLS - 911  
TRAFFIC OPERATIONS CENTER - (703) 877-3401  
FAIRFAX COUNTY POLICE DEPARTMENT - (703) 691-2131

FOLLOWING ANY TRAFFIC INCIDENTS, THE SITE SHALL BE CLEARED AND RESTORED FOR NORMAL TRAFFIC OPERATIONS AS SOON AS POSSIBLE.

TRAFFIC INCIDENTS WILL BE INVESTIGATED AND MEASURES INTRODUCED TO REDUCE OCCURENCES. IF NECESSARY THE MAINTENANCE OF TRAFFIC PLANS MAY BE REVISED IN CONSULTATION WITH VDOT ENGINEER.



### TEMPORARY PAVEMENT MARKING LEGEND

- (A) PROP. TYPE B CLASS 1, 4" WHITE SOLID MARKING
- (B) PROP. TYPE B CLASS 1, 4" YELLOW SOLID MARKING
- (C) PROP. TYPE B CLASS 1, DOUBLE YELLOW SOLID MARKING (4" LINE, 4" SPACE)
- (D) PROP. TYPE B CLASS 1, 4" WHITE DASHED MARKING (2" DASH, 4" SPACE)
- (E) PROP. TYPE B CLASS 1, 4" WHITE DASHED MARKING (10" DASH, 30" SPACE)

### TEMPORARY TRAFFIC CONTROL INDEX OF SHEETS

SHEET NO.	DESCRIPTION
IK(1) - IK(6)	PHASE 1 - TEMPORARY TRAFFIC CONTROL PLAN
IK(6A) - IK(6R)	PHASE 1 - TEMPORARY TRAFFIC CONTROL CROSS SECTIONS
IK(7) - IK(12)	PHASE 2 - TEMPORARY TRAFFIC CONTROL PLAN
IK(12A) - IK(12BB)	PHASE 2 - TEMPORARY TRAFFIC CONTROL CROSS SECTIONS
IK(13) - IK(18)	PHASE 3 - TEMPORARY TRAFFIC CONTROL PLAN
IK(18A) - IK(18CC)	PHASE 3 - TEMPORARY TRAFFIC CONTROL CROSS SECTIONS
IK(19) - IK(24)	PHASE 4 - TEMPORARY TRAFFIC CONTROL PLAN
IK(24A) - IK(24W)	PHASE 4 - TEMPORARY TRAFFIC CONTROL CROSS SECTIONS
IK(25) - IK(27)	PHASE 2 - PEDESTRIAN ACCESS PLAN
IK(28) - IK(30)	PHASE 3 - PEDESTRIAN ACCESS PLAN

### SEQUENCE OF CONSTRUCTION

UNLESS OTHERWISE APPROVED OR DIRECTED BY THE ENGINEER, THE CONTRACTOR SHALL PLAN AND PROSECUTE THE WORK IN ACCORDANCE WITH THE FOLLOWING.

#### PHASE ONE: REMOVAL OF MEDIAN AND INSTALLATION OF TEMPORARY PAVEMENT

- INSTALL SIGNING FOR PROJECT LIMITS AS SHOWN IN FIGURE TTC-53.D OF THE 2011 VIRGINIA WORK AREA PROTECTION MANUAL (WAPM).
- INSIDE LANE CLOSURE ON ROLLING ROAD SHALL BE IN ACCORDANCE WITH FIGURE TTC-17.J OF THE 2011 WAPM.
- SHOULDER OPERATION WITH MINOR ENCROACHMENT ON ROLLING ROAD SHALL BE IN ACCORDANCE WITH FIGURE TTC-5.J OF THE 2011 WAPM.
- REMOVE EXISTING MEDIAN AND INSTALL TEMPORARY PAVEMENT ALONG ROLLING ROAD FROM HUNTER VILLAGE DRIVE TO KENWOOD AVENUE AS SHOWN IN SHEETS IK(1) TO IK(16).

#### PHASE 2: WIDENING OF SB ROLLING ROAD FROM HUNTER VILLAGE DRIVE TO BIRMINGHAM LANE AND NB ROLLING ROAD FROM GLOVER COURT TO KENWOOD AVENUE

- INSTALL SIGNING FOR PROJECT LIMITS AS SHOWN IN FIGURE TTC-53.D OF THE 2011 VIRGINIA WORK AREA PROTECTION MANUAL (WAPM).
- OUTSIDE LANE CLOSURE ON ROLLING ROAD SHALL BE IN ACCORDANCE WITH FIGURE TTC-16.J OF THE 2011 WAPM.
- HALF ROAD CLOSURE ON ROLLING ROAD SHALL BE IN ACCORDANCE WITH FIGURE TTC-41.J OF THE 2011 WAPM.
- PIPE INSTALLATIONS ACROSS ROLLING ROAD AND CONNECTING STREETS SHALL BE IN ACCORDANCE WITH FIGURE TTC-23.J OF THE 2011 WAPM.
- TEMPORARY LANE CLOSURES USING FLAGGERS SHALL BE IN ACCORDANCE WITH FIGURE TTC-23.J OF THE 2011 WAPM.
- CONSTRUCT ROAD WIDENING AS SHOWN IN SHEETS IK(17) TO IK(12).
- CONSTRUCT SIGNAL AT BARNACK DRIVE. REMOVE EXISTING SIGNAL AT BARNACK DRIVE.

#### PHASE 3: WIDENING OF NB ROLLING ROAD FROM HUNTER VILLAGE DRIVE TO GLOVER COURT AND SB ROLLING ROAD FROM BIRMINGHAM LANE TO KENWOOD AVENUE

- INSTALL SIGNING FOR PROJECT LIMITS AS SHOWN IN FIGURE TTC-53.D OF THE 2011 VIRGINIA WORK AREA PROTECTION MANUAL (WAPM).
- HALF ROAD CLOSURE ON ROLLING ROAD SHALL BE IN ACCORDANCE WITH FIGURE TTC-41.J OF THE 2011 WAPM.
- PIPE INSTALLATIONS ACROSS ROLLING ROAD AND CONNECTING STREETS SHALL BE IN ACCORDANCE WITH FIGURE TTC-23.J OF THE 2011 WAPM.
- TEMPORARY LANE CLOSURES USING FLAGGERS SHALL BE IN ACCORDANCE WITH FIGURE TTC-23.J OF THE 2011 WAPM.
- CONSTRUCT ROAD WIDENING AS SHOWN IN SHEETS IK(13) TO IK(18).

#### PHASE 4: ROLLING ROAD MEDIAN FROM HUNTER VILLAGE DRIVE TO KENWOOD AVENUE

- INSTALL SIGNING FOR PROJECT LIMITS AS SHOWN IN FIGURE TTC-53.D OF THE 2011 VIRGINIA WORK AREA PROTECTION MANUAL (WAPM).
- INTERIOR LANE CLOSURE ON ROLLING ROAD SHALL BE IN ACCORDANCE WITH FIGURE TTC-42.J OF THE 2011 WAPM.
- CONSTRUCT MEDIAN OF ROLLING ROAD AS SHOWN IN SHEETS IK(19) TO IK(24).
- MILL AND RESURFACE AS SHOWN ON ROADWAY PLANS. CONTRACTOR SHALL PROVIDE TEMPORARY TRAFFIC CONTROL IN ACCORDANCE WITH FIGURE TTC-59.J OF THE 2011 WAPM.
- INSTALL FINAL PAVEMENT MARKINGS AS SHOWN ON PLANS. CONTRACTOR SHALL PROVIDE TEMPORARY TRAFFIC CONTROL IN ACCORDANCE WITH FIGURE TTC-14.J OF THE 2011 WAPM.
- UNCOVER ALL TRAFFIC SIGNALS AND PLACE INTO OPERATION.

### PEDESTRIAN ACCESSIBILITY DURING CONSTRUCTION

- PEDESTRIAN ACCESS ROUTE SHALL BE MAINTAINED ALONG THE CORRIDOR DURING ALL PHASES OF CONSTRUCTION. IN PHASE 1, EXISTING PEDESTRIAN FACILITIES SHALL REMAIN OPEN TO PEDESTRIAN TRAFFIC. IN PHASE 4, COMPLETED CONSTRUCTION WILL PROVIDE CONTINUOUS ACCESSIBLE ROUTES THROUGH THE ROLLING ROAD CORRIDOR. SEE SHEETS IK(25) - IK(30) FOR ACCESSIBLE ROUTES DURING CONSTRUCTION PHASES 2 AND 3.

PROJECT	SHEET NO.
0638-029-156	J(1)