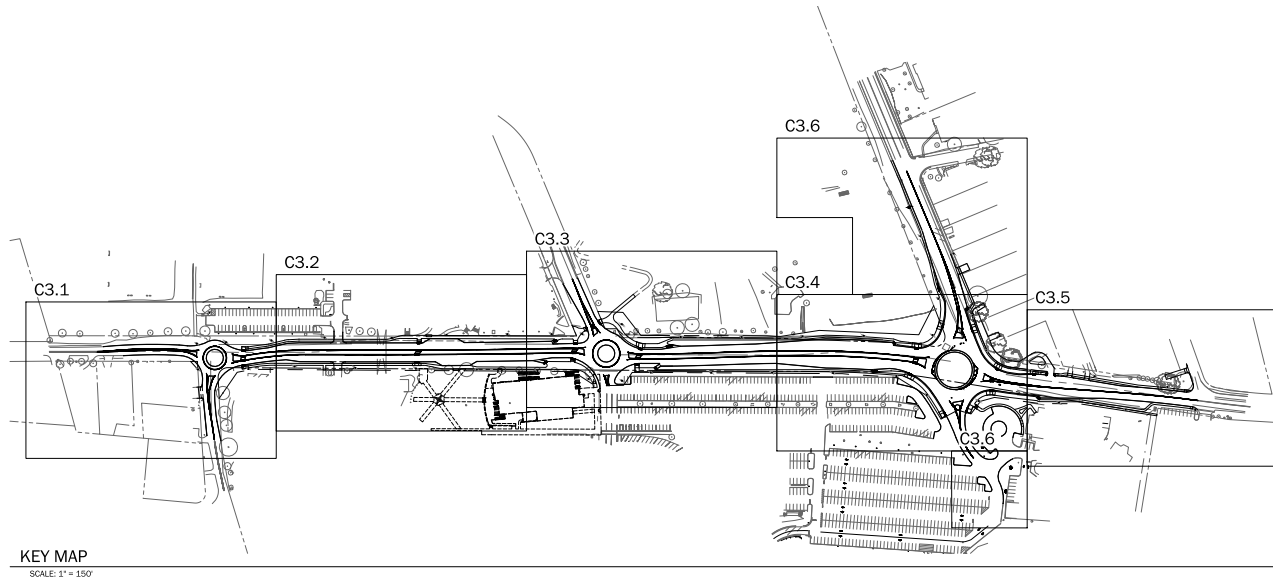


# DEMOLITION, EROSION & SEDIMENT CONTROL PLANS



KEY MAP  
SCALE: 1" = 150'

## DEMOLITION AND EROSION & SEDIMENT CONTROL GENERAL NOTES:

1. THE CONTRACTOR SHALL COMPLY WITH THE CURRENT LAWS AND REGULATIONS OF THE LOCALITY, THE COMMONWEALTH OF VIRGINIA, AND AS DEEMED NECESSARY BY THE OWNER OR OWNER AGENT BEFORE, DURING, AND AFTER CONSTRUCTION ON THE SITE. ALL MINIMUM STANDARDS AND SPECIFICATIONS, AS INDICATED IN THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK REGARDING THE INSTALLATION AND MAINTENANCE OF ALL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE FOLLOWED BY THE CONTRACTOR.
2. ALL APPROPRIATE EROSION CONTROL MEASURES SUCH AS, BUT NOT LIMITED TO, TREE PROTECTION, SILT FENCE, CONSTRUCTION ENTRANCE, SEDIMENT TRAPPING FACILITIES, AND INLET PROTECTION SHALL BE INSTALLED PRIOR TO THE START OF CONSTRUCTION AND MUST BE INSPECTED AND APPROVED BY THE PLAN APPROVING AUTHORITY BEFORE ANY CLEARING OPERATIONS BEGIN. THE CONTRACTOR MUST CONTACT THE LOCALITY TO SCHEDULE ALL INSPECTIONS.
3. THE CONTRACTOR SHALL CONSTRUCT AND MAINTAIN ALL APPROVED MEASURES AS SHOWN ON THE DRAWINGS. ANY ADDITIONAL MEASURES DEEMED REQUIRED BY THE OWNER/ENGINEER, DUE TO FIELD CONDITIONS SHALL BECOME PART OF THE EROSION AND SEDIMENT CONTROL PLAN FOR THE PROPERTY. ALL FIELD CHANGES MUST BE APPROVED BY THE OWNER/ENGINEER CONSTRUCTION PROJECT MANAGER AND THE LOCALITY'S EROSION & SEDIMENT CONTROL INSPECTOR PRIOR TO INSTALLATION.
4. THE CONTRACTOR MAY NOT CHANGE OR ALTER ANY OF THE APPROVED MEASURES WITH OUT FIRST NOTIFYING THE OWNER/ENGINEER.
5. THE CONTRACTOR SHALL CONSTRUCT AND MAINTAIN ALL MEASURES TO PREVENT SOIL FROM ERODING ONTO ADJACENT PROPERTY, STREETS, DRAINAGE SYSTEMS, AND WATERWAYS. ALL DEVICES SHALL BE CLEANED OF MUD, DEBRIS, AND OTHER ERODED MATERIAL DURING THE SITE CLEARING AND DEVELOPMENT. INSPECTION OF DEVICES SHALL BE AT A MINIMUM EVERY TWO (2) WEEKS AND REQUIRED AFTER EVERY RAINFALL EVENT. ALL INSPECTION AND MAINTENANCE ACTIVITIES SHALL BE DOCUMENTED AND AVAILABLE FOR REVIEW AT THE LOCALITY'S REQUEST.
6. TEMPORARY SEEDING AND PERMANENT SODDING OPERATIONS SHALL BE INITIATED WITHIN SEVEN (7) DAYS AFTER REACHING FINAL GRADE OR UPON SUSPENSION OF GRADING OPERATIONS FOR ANTICIPATED DURATION OF GREATER THAN FOURTEEN (14) DAYS OR UPON COMPLETION OF GRADING OPERATIONS FOR A SPECIFIC AREA.
7. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE KEPT IN PLACE FOR THE DURATION OF THE CLEARING AND CONSTRUCTION OPERATIONS, OR WHEN FULL STABILIZATION HAS OCCURRED FOR THE ENTIRE SITE. A FINAL INSPECTION BY THE LOCALITY AND/OR OWNER OR OWNERS AGENT SHALL DETERMINE WHEN THIS FACT IS ACCOMPLISHED AND ALL TEMPORARY MEASURES AND DEVICES CAN BE REMOVED.
8. THE CONTRACTOR SHALL MONITOR AND TAKE PRECAUTIONS TO CONTROL DUST AND OTHER AIR POLLUTANTS, INCLUDING BUT NOT LIMITED TO USING WATER OR CHEMICALS, LIMITING THE NUMBER OF VEHICLES ALLOWED ON-SITE, MINIMIZING THE OPERATING SPEED OF ALL VEHICLES, ETC. ALSO, THE CONTRACTOR WILL BE RESPONSIBLE FOR THE DAILY SWEEPING OF PUBLIC RIGHT-OF-WAY SHOULD SEDIMENT ACCUMULATE ON PAVED SURFACES.
9. CONTRACTOR SHALL SUBMIT A SEPARATE EROSION AND SEDIMENT CONTROL PLAN FOR ANY OFF-SITE AREAS ASSOCIATED WITH THE LAND DISTURBANCE AND SOIL REMOVAL IDENTIFIED HEREIN. A SEPARATE SUBMITTAL IS NOT NECESSARY FOR THE FOLLOWING SITUATIONS:
  - NO MATERIAL WILL BE HAULED OR TRANSPORTED OFF-SITE AND APPROPRIATE EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED AND MAINTAINED AROUND ALL STOCKPILES AND STORAGE AREAS, OR
  - ALL MATERIAL TO BE HAULED OR TRANSPORTED OFF-SITE WILL BE DEPOSITED AT A FEDERAL, STATE, AND LOCALLY APPROVED SITE. THE CONTRACTOR SHALL IDENTIFY ON THE PLANS WHAT DISPOSAL SITE WILL BE USED.
10. ALL POWER POLES AND POLES SUPPORTING ABOVE GRADE UTILITIES AND LIGHTS SHALL BE RELOCATED.
11. ALL EXISTING SIGNS ALONG THE CORRIDOR WHICH DO NOT FALL IN CONFLICT WITH PROPOSED CONSTRUCTION SHALL BE EVALUATED BY THE CITY TRAFFIC ENGINEER FOR APPROPRIATENESS.
12. UNLESS OTHERWISE NOTED, ALL ITEMS REMOVED ON WVCC PROPERTY ARE TO BE TURNED OVER TO WVCC.
13. ALL EXISTING UTILITIES WHICH ARE TO REMAIN AS A PART OF THE PROPOSED CONDITION SHALL HAVE THEIR LIDS ADJUSTED TO MATCH THE ADJACENT PROPOSED GRADE. UTILITY LID ADJUSTMENTS SHALL BE INCLUDED AS A PART OF THE PROPOSED PAVING WORK. REFER TO PAVING AND GRADING SHEET C3.0 FOR NOTE.

## GENERAL EROSION AND SEDIMENT CONTROL NOTES:

- ES-1: UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CONSTRUCTED AND MAINTAINED ACCORDING TO MINIMUM STANDARDS AND SPECIFICATIONS OF THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK AND THE VIRGINIA EROSION AND SEDIMENT CONTROL REGULATIONS (4VAC50-30).
- ES-2: THE PLAN APPROVING AUTHORITY MUST BE NOTIFIED ONE WEEK PRIOR TO THE PRE-CONSTRUCTION CONFERENCE, ONE WEEK PRIOR TO COMMENCEMENT OF LAND DISTURBING ACTIVITY, AND ONE WEEK PRIOR TO THE FINAL INSPECTION.
- ES-3: ALL EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE PLACED PRIOR TO OR AS THE FIRST STEP IN CLEARING.
- ES-4: A COPY OF THE APPROVED EROSION AND SEDIMENT PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.
- ES-5: PRIOR TO COMMENCING LAND DISTURBING ACTIVITIES IN AREAS OTHER THAN INDICATED ON THESE PLANS (INCLUDING, BUT NOT LIMITED TO, OFF-SITE BORROW OR WASTE AREAS), THE CONTRACTOR SHALL SUBMIT A SUPPLEMENTARY EROSION CONTROL PLAN TO THE OWNER FOR REVIEW AND APPROVAL BY THE PLAN APPROVING AUTHORITY.
- ES-6: THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE PLAN APPROVING AUTHORITY.
- ES-7: ALL DISTURBED AREAS ARE TO DRAIN TO APPROVED SEDIMENT CONTROL MEASURES AT ALL TIMES DURING LAND DISTURBING ACTIVITIES AND DURING SITE DEVELOPMENT UNTIL FINAL STABILIZATION IS ACHIEVED.
- ES-8: DURING DEWATERING OPERATIONS, WATER SHALL BE PUMPED INTO AN APPROVED FILTERING DEVICE. THE INTAKE OF THE PUMP MUST BE KEPT ABOVE THE SEDIMENT LAYER.
- ES-9: THE CONTRACTOR SHALL INSPECT ALL EROSION CONTROL MEASURES PERIODICALLY AND IMMEDIATELY AFTER EACH RUNOFF-PRODUCING RAINFALL EVENT. ANY NECESSARY REPAIRS OR CLEANUP TO MAINTAIN THE EFFECTIVENESS OF THE EROSION CONTROL DEVICES SHALL BE MADE IMMEDIATELY.

## EROSION & SEDIMENT CONTROL LEGEND

VECH SPEC	DESCRIPTION	KEY NOTE	SYMBOL
3.01	SAFETY FENCE	34	—X—
3.02	TEMPORARY STONE CONSTRUCTION ENTRANCE	35	—[STONE]—
3.05	SILT FENCE	36	—[SILT]—
3.07	STORM DRAIN INLET PROTECTION	37	—[INLET]—
3.18	OUTLET PROTECTION	38	—[OUTLET]—
3.20	CHECK DAM	39	—[CHECK DAM]—
3.38	TREE PRESERVATION & PROTECTION	40	—[TREE]—
	LIMITS OF DISTURBANCE	41	—[LIMITS]—

DIRECTION OF FLOW ARROW

## DEMOLITION LEGEND

×	REMOVE EXISTING SITE FEATURE
[HATCH]	LIMITS OF CONCRETE REMOVAL
[HATCH]	LIMITS OF ASPHALT REMOVAL
[HATCH]	LIMITS OF PAVEMENT PATCH REPAIRS
[HATCH]	LIMITS OF GRAVEL REMOVAL
[HATCH]	SAWCUT EXISTING PAVEMENT
[HATCH]	LOCATION OF TRENCHING FOR UTILITY INSTALLATION. SEE DETAIL 5 SHEET C13

## DETAIL REFERENCES:

- FOR FULL DEPTH PAVEMENT REMOVAL AT PROPOSED TREES, SEE DETAIL 1/C3.7
- FOR PAVEMENT REMOVAL AT PROPOSED GRASS, SEE DETAIL 2/C3.7
- FOR PAVEMENT REMOVAL AT PROPOSED SHRUBBERY, SEE DETAIL 3/C3.7
- FOR TEMPORARY SILT FENCE, SEE DETAIL 1/C10.1
- FOR TREE PROTECTION SEE, DETAIL 2/C10.1
- FOR CONSTRUCTION ENTRANCE SEE, DETAIL 3/C10.1
- FOR CURB INLET PROTECTION, SEE DETAIL 4/C10.1
- FOR DROP INLET PROTECTION, SEE DETAIL 6/C10.1
- FOR CULVERT INLET PROTECTION, SEE DETAIL 7/C10.1
- FOR SAFETY FENCE, SEE DETAIL 8/C10.1
- FOR SEEDING SCHEDULES, SEE SHEET C10.1
- FOR MINIMUM PAVEMENT PATCH, SEE DETAIL 1/C14.0

## TREE PROTECTION LEGEND

MINIMUM DISTANCE OF TREE PROTECTION



## GRAPHIC SCALE:

