

EROSION CONTROL NARRATIVE

1. PROJECT DESCRIPTION

THE RICHMOND STP 0284(17) & CMG PARK(31) PROJECT CONSISTS OF THE RESURFACING AND EXPANSION OF THE EXISTING PARK AND RIDE FACILITY, LOCATED IN THE SOUTHEAST QUADRANT OF THE I-89/US RTE 2 INTERSECTION, TO INCREASE THE CAPACITY OF THE FACILITY. THE IMPROVEMENTS WILL ALSO INCLUDE A SHORT MODULAR UNIT BLOCK WALL TYPE RETAINING WALL, WHICH WILL BE INSTALLED TO ACCOMMODATE A BUS TURNAROUND. LANDSCAPE IMPROVEMENTS ARE INCLUDED IN THE PROJECT SCOPE TO SCREEN AND/OR DIRECT VIEWS OF THE PARK AND RIDE FACILITY, PROVIDING BARRIERS TO LIMIT VEHICULAR TRAFFIC IN SELECTED AREAS, PLANTING VINES TO COVER THE PROPOSED WALL (REDUCING THE LIKELIHOOD OF GRAFFITI), PROVIDING VISUAL INTEREST AND SHADE FOR PARKED CARS WHERE POSSIBLE AND CLEANSING RUN-OFF FROM THE PARKING AREA.

THE PROPOSED PROJECT ALSO INCLUDES REPLACEMENT OF THE EXISTING TEMPORARY TRAFFIC SIGNAL AT THE INTERSECTION OF VT 117 AND US RTE 2 WITH A PERMANENT SIGNAL SYSTEM, WHICH IS TO BE COORDINATED WITH A SECOND PROPOSED SIGNAL AT THE EXISTING PARK AND RIDE FACILITY AND THE I-89 SB OFF RAMP ALONG ROUTE 2. IN ADDITION, THE FOLLOWING ROADWAY WORK IS PROPOSED TO OPTIMIZE TRAFFIC FLOW AT THE PROPOSED SIGNALIZED INTERSECTIONS.

- THE US RTE 2 APPROACH TO VT 117 BETWEEN THE I-89 NB OFF-RAMP A WILL BE WIDENED TO ACCOMMODATE FOUR LANES OF TRAVEL;
- US RTE 2 AT THE I-89 SB ON-RAMP WILL BE WIDENED TO PROVIDE A LEFT TURN POCKET LANE;
- US RTE 2 BETWEEN VT 117 AND THE I-89 SB ON-RAMP B WILL BE RESURFACED BY COLDPLANE AND OVERLAY.

2. AREA OF DISTURBANCE

THE TOTAL DISTURBANCE ASSOCIATED WITH CONSTRUCTION OF THIS PROJECT IS APPROX. 2.11 ACRES. SEE BREAKDOWN OF DISTURBANCE PER AREA IN # 5 BELOW.

3. CONSTRUCTION SEQUENCE

THE CONTRACTOR SHALL SEQUENCE CONSTRUCTION ACTIVITIES TO MINIMIZE THE EXTENT OF DISTURBED SOILS LEFT OPEN TO EROSION AT ANY GIVEN TIME. AT NO TIME SHALL THE TOTAL CONCURRENT EARTH DISTURBANCE EXCEED 2 ACRES. A PROPOSED GENERAL SEQUENCE FOR EACH OF THE MAJOR CONSTRUCTION ACTIVITIES IS AS FOLLOWS:

- PARK AND RIDE RECONFIGURATION**
 - ESTABLISH PERIMETER CONTROLS AND BARRIER FENCE FOR TREE PROTECTION.
 - INSTALL SEDIMENT CONTROL MEASURES.
 - BEGIN CUT & FILL OPERATIONS, LIMIT AREA OF DISTURBANCE TO < 1.6 ACRES.
 - INSTALL DRAIN PIPES AND STRUCTURES.
 - FORM, ROUGH GRADE AND STABILIZE GRASS SWALES. DIVERT RUNOFF DISCHARGING TO SWALE UNTIL ADEQUATE VEGETATIVE GROWTH HAS BEEN ESTABLISHED.
 - FINISH GRADE EMBANKMENT AND PERMANENTLY STABILIZE ALL REMAINING EXPOSED SOILS IMMEDIATELY.
 - CONCURRENTLY INSTALL TEMPORARY AND PERMANENT STABILIZATION AND EPSC MEASURES AS WORK PROGRESSES SO THAT EMBANKMENT IS STABILIZED PRIOR TO ALLOWING RUNOFF TO DISCHARGE TO IT.
 - COLD-PLANE EXISTING PAVEMENT IN AREAS TO RECEIVE PAVEMENT OVERLAY.
 - PLACE SUBBASE MATERIAL FOR AREAS OF PARKING AREA EXPANSION.
 - PAVE AREAS OF PARKING AREA EXPANSION WITH BASE COURSE OF PAVEMENT.
 - FINAL GRADE SIDE SLOPES.
 - APPLY PERMANENT STABILIZATION MEASURES TO ALL REMAINING EXPOSED SOIL AREAS.
 - FINAL PAVING.
- US RTE 2 ROADWAY WIDENING**
 - ESTABLISH PERIMETER CONTROLS AND MARK BOUNDARIES FOR SENSITIVE RESOURCE AREAS, SUCH AS WETLANDS AND BUFFER ZONES.
 - INSTALL SEDIMENT CONTROL MEASURES.
 - BEGIN CUT/FILL OPERATIONS. LIMIT AREA OF DISTURBANCE TO < 1 ACRE.
 - FINISH GRADE EMBANKMENT AND PERMANENTLY STABILIZE ALL REMAINING EXPOSED SOILS IMMEDIATELY.
 - CONCURRENTLY INSTALL TEMPORARY STABILIZATION AND EPSC MEASURES AS WORK PROGRESSES SO THAT EMBANKMENT IS STABILIZED PRIOR TO ALLOWING RUNOFF TO DISCHARGE TO IT.
 - COLD-PLANE EXISTING PAVEMENT IN AREAS TO RECEIVE PAVEMENT OVERLAY.
 - PLACE SUBBASE MATERIAL FOR AREAS OF ROADWAY WIDENING.
 - PAVE AREAS OF ROADWAY WIDENING WITH BASE COURSE OF PAVEMENT.
 - FINAL GRADE SIDE SLOPES.
 - APPLY PERMANENT STABILIZATION MEASURES TO ALL REMAINING EXPOSED SOIL AREAS.
 - PAVE ROADWAY.
- STABILIZATION OF EXPOSED SOILS**
 - SEED AND MULCH WILL BE USED FOR BOTH PERMANENT AND TEMPORARY STABILIZATION MEASURES. MULCH IS TO BE APPLIED AT A MINIMUM APPLICATION RATE SHOWN ON SHEETS 10 AND 18-22, UNLESS DIRECTED OTHERWISE BY THE ENGINEER.
 - DISTURBED AREAS AND SOIL STOCKPILES THAT WILL NOT BE WORKED FOR MORE THAN 7 DAYS SHALL BE TEMPORARILY STABILIZED WITH MULCH/RECP WITHIN 48 HOURS.
 - DISTURBED AREAS AND SOIL STOCKPILES THAT WILL NOT BE WORKED FOR MORE THAN 30 DAYS SHALL BE TEMPORARILY STABILIZED WITH SEED AND MULCH/RECP WITHIN 48 HOURS.
 - EXPOSED AREAS THAT HAVE ACHIEVED FINAL GRADE SHALL BE PERMANENTLY STABILIZED WITHIN 48 HOURS.
 - IN AREAS WHERE VEGETATIVE COVER WILL PROVIDE PERMANENT STABILIZATION, SEEDING TO BE COMPLETED BETWEEN APRIL 15 AND SEPTEMBER 15.

5. DRAINAGE AREAS AND DISCHARGE POINTS

THIS PROJECT IS BEING CONSTRUCTED ON THE EXISTING PARK AND RIDE FACILITY AND US RTE 2 IN RICHMOND. FROM THE PROJECT BEGINNING IN THE WEST, THE EXISTING US RTE 2 DESCENDS EAST TOWARDS THE EXISTING PARK AND RIDE FACILITY AT A 3-4% SLOPE. FURTHER EAST, IN THE AREA OF THE PARK AND RIDE FACILITY, THE US RTE 2 ROADWAY IS MUCH MORE FLAT WITH PROFILE GRADES LESS THAN 1%.

THE PROJECT HAS THREE DISCHARGE POINTS TO THE RECEIVING WATER, AN UNNAMED BROOK TRIBUTARY TO THE WINOOSKI RIVER. EACH DISCHARGE POINT CORRESPONDS TO A DRAINAGE AREA IN WHICH THE PROJECT HAS BEEN DIVIDED. ALTHOUGH ALL THREE DRAINAGE AREAS DISCHARGE TO THE UNNAMED BROOK INITIALLY, THE STORMWATER RUNOFF WILL ULTIMATELY BE CONVEYED INTO THE WINOOSKI RIVER.

- DRAINAGE AREA 1**

THE DRAINAGE AREA CONSISTS OF THE NORTH SIDE OF US RTE 2, WEST OF I-89, INCLUDING THE PARK AND RIDE FACILITY. THE ASSOCIATED AREA OF DISTURBANCE IS 1.6 ACRES. EXISTING SWALES LOCATED OFF THE PERIMETER OF THE PAVEMENT EDGE OF THE PARKING AREA CONVEY SURFACE RUNOFF FROM THE NORTHERN SLOPE, PARKING AREA, PORTIONS OF US RTE 2 AROUND THE PARKING LOT, AS WELL AS PORTIONS OF I-89 VIA THREE CLOSED DRAINAGE SYSTEMS DISCHARGING TO THE SWALES. THE SWALES ARE CONVEYED EAST UNDER THE I-89 SB ON-RAMP VIA A 30" DIAMETER CULVERT TO DP-1, LOCATED AT THE CONFLUENCE OF SEVERAL SWALES AT THE HEADWATERS OF AN UNNAMED BROOK TRIBUTARY TO THE WINOOSKI RIVER.
- DRAINAGE AREA 2**

THE DRAINAGE AREA CONSISTS OF THE SOUTH SIDE OF US RTE 2, WEST OF I-89. THE ASSOCIATED AREA OF DISTURBANCE IS 0.21 ACRES. SOUTHERN PORTION OF US RTE 2, AS WELL AS THE I-89 NB OFF-RAMP DRAINING INTO ROADSIDE SWALES AND CULVERTS TRIBUTARY TO DP-1, LOCATED AT THE CONFLUENCE OF SEVERAL SWALES AT THE HEADWATERS OF AN UNNAMED BROOK TRIBUTARY TO THE WINOOSKI RIVER.
- DRAINAGE AREA 3**

THE DRAINAGE AREA CONSISTS OF AREAS NORTH OF US RTE 2 DRAINING SOUTH TOWARDS US RTE 2, INCLUDING CLASS II WETLANDS AND A SYSTEM OF STREAMS. THE ASSOCIATED AREA OF DISTURBANCE IS 0.29 ACRES. THE DRAINAGE AREA IS CONVEYED UNDER US RTE 2 BY AN EXISTING CULVERT TO DP-3, LOCATED WHERE THE CULVERT DISCHARGES TO AN UNNAMED BROOK TRIBUTARY TO THE WINOOSKI RIVER.

DRAINAGE AREA SUMMARY

DRAINAGE AREA	TOTAL DISTURB. (ACRES)	LIMIT OF CONCURRENT DISTURBANCE*	RECEIVING WATER
1	1.60	1.60 ACRES	UNNAMED BROOK TRIBUTARY TO WINOOSKI RIVER
2	0.21	0.21 ACRES	UNNAMED BROOK TRIBUTARY TO WINOOSKI RIVER
3	0.29	0.29 ACRES	UNNAMED BROOK TRIBUTARY TO WINOOSKI RIVER

*AT NO TIME SHALL THE TOTAL CONCURRENT EARTH DISTURBANCE EXCEED 2 ACRES.

SEE THE EPSC SUMMARY SHEETS FOR FURTHER DETAIL REGARDING DRAINAGE AREAS AND RELATED SLOPE AND SOIL ERODIBILITY.

6. WASTE, BORROW, AND STAGING AREAS

- EXCEPT AS OTHERWISE SPECIFIED IN THE CONTRACT DOCUMENTS, OFF-SITE WASTE AND BORROW AREAS HAVE NOT BEEN IDENTIFIED FOR THIS PROJECT. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO IDENTIFY AND PERMIT, AS NECESSARY, ANY OFF-SITE WASTE AND BORROW AREAS THAT ARE NEEDED. ALL EROSION PREVENTION AND SEDIMENT CONTROL MEASURES NECESSARY FOR WASTE, BORROW, AND STAGING AREAS OUTSIDE THE PROJECT LIMITS SHALL BE PAID FOR PER SUBSECTION 105.29 OF THE STANDARD SPECIFICATIONS FOR CONSTRUCTION.
- THE CONTRACTOR SHALL LOCATE ADDITIONAL AREAS FOR DISPOSAL OF STUMPS, EXCESS SOILS AND COLLECTED SEDIMENT, IF NECESSARY. DISPOSE OF THESE MATERIALS IN A MANNER THAT WILL NOT RESULT IN SEDIMENTS ENTERING WATERS OF THE STATE.
- DISPOSAL/WASTE SITES SHALL BE APPROVED BY THE AGENCY TO RECEIVE THESE MATERIALS. THE CONTRACTOR SHALL SUBMIT TO THE AGENCY, FOR REVIEW AND APPROVAL, A "WASTE BORROW STAGING REVIEW SHEET" FOR EACH DISPOSAL SITE(S) HE/SHE WISHES TO USE FOR THIS PROJECT. ANY ADDITIONAL PERMITTING REQUIRED FOR THE DISPOSAL SITES OR PROOF OF COMPLIANCE FOR THESE WASTE SITES MUST BE FURNISHED BY THE CONTRACTOR PRIOR TO USE.
- IT IS ANTICIPATED THAT CONSTRUCTION STAGING CAN BE ACCOMPLISHED WITHIN THE EXISTING LIMITS OF WORK. VEHICLE AND EQUIPMENT STORAGE AREAS OR AREAS ADJACENT TO CONSTRUCTION TRAILERS OR OTHER HIGH TRAFFIC AREAS SHALL BE COVERED WITH GEOTEXTILE FABRIC AND 12 INCHES OF GRAVEL. FOLLOWING COMPLETION OF CONSTRUCTION, ALL NON-NATIVE MATERIALS SHALL BE REMOVED FROM THE STAGING AREA. COMPACTED, RUTTED, OR OTHERWISE DISTURBED SOILS SHALL BE TILLED, RAKED, SEEDED AND MULCHED.
- ERODIBLE MATERIALS STOCKPILED WITHIN THE MATERIAL STORAGE AREAS SHALL BE ISOLATED WITH SILT FENCE OR OTHER ACCEPTABLE SEDIMENT BARRIER. SOIL STOCKPILED ON THE SITE SHALL BE SEEDED AND MULCHED.
- ALL MATERIAL HANDLING AND DISPOSAL WORK SHALL BE IN ACCORDANCE WITH SECTION 105 OF THE STANDARD SPECIFICATIONS AND THE VERMONT AGENCY OF NATURAL RESOURCES (VANR) REQUIREMENTS. WHEREVER POSSIBLE, EXCAVATED SOIL MATERIAL SHALL BE RE-USED WHEN APPROVED BY AND AT THE DISCRETION OF THE ENGINEER TO FORM EMBANKMENTS AND AS OTHER BORROW MATERIALS.
- TEMPORARY AND PERMANENT STABILIZATION OF ALL STAGING AREAS AND WASTE DISPOSAL AREAS SHALL BE IN ACCORDANCE WITH SECTION 105 OF THE STANDARD SPECIFICATIONS AND IN ACCORDANCE WITH THE CGP-9020 AND VANR REQUIREMENTS.

7. WINTER CONSTRUCTION REQUIREMENTS

IT IS NOT EXPECTED THAT CONSTRUCTION ACTIVITIES WILL CONTINUE INTO THE WINTER CONSTRUCTION SEASON. IF ACTIVITIES ARE ON-GOING BETWEEN OCTOBER 15 AND APRIL 15, THE CONTRACTOR SHALL FOLLOW REQUIREMENTS FOR WINTER CONSTRUCTION, AS DEFINED IN SPECIFIC PERMIT CONDITIONS AND AS FOLLOWS:

- ENLARGED ACCESS POINTS, STABILIZED TO PROVIDE FOR SNOW STOCKPILING.
- LIMITS OF DISTURBANCE MOVED OR REPLACED TO REFLECT BOUNDARY OF WINTER WORK.
- DEVELOPMENT OF A SNOW MANAGEMENT PLAN THAT INCLUDES:
 - ADEQUATE STORAGE AND CONTROL OF MELT-WATER
 - STORAGE OF CLEARED SNOW TO BE PLACED DOWN SLOPE OF DISTURBED AREAS AND OUT OF STORMWATER TREATMENT STRUCTURES
- A MINIMUM 25-FOOT BUFFER SHALL BE MAINTAINED FROM PERIMETER CONTROLS.

- DRAINAGE STRUCTURES MUST BE KEPT OPEN AND FREE OF SNOW AND ICE DAMS.
- SILT FENCE AND OTHER PRACTICES REQUIRING EARTH DISTURBANCE MUST BE INSTALLED PRIOR TO THE GROUND FREEZING.
- MULCH TO BE APPLIED AT TWICE THE REGULAR RATE, AS SHOWN ON PLAN SHEETS 10 AND 18-22, UNLESS DIRECTED OTHERWISE BY THE ENGINEER.
- AREAS OF DISTURBED SOILS MUST BE STABILIZED AT THE END OF EACH WORK DAY, WITH THE FOLLOWING EXCEPTIONS:
 - IF NO PRECIPITATION WITHIN 24 HOURS IS FORECAST AND WORK WILL RESUME IN THE SAME AREA WITHIN 24 HOURS.
 - DISTURBED AREAS THAT COLLECT AND RETAIN RUNOFF, SUCH AS OPEN UTILITY TRENCHES, MUST BE STABILIZED AT THE END OF EACH WORK WEEK.
- PRIOR TO STABILIZATION, SNOW OR ICE MUST BE REMOVED TO LESS THAN 1" (25MM) THICKNESS.

CONTRACTOR RESPONSIBILITIES, LIMITATIONS & PROHIBITIONS

1. GENERAL NOTES

- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO AMEND/UPDATE ALL PLANS AND EXISTING PERMITS WHEN ADDING DETAILED CONSTRUCTION PHASING OR ANYTHING ELSE THAT MAY DEVIATE FROM THE APPROVED PLANS AS DIRECTED BY THE RESIDENT ENGINEER.
- OTHER THAN THOSE SHOWN ON THE PLANS ALL LAND DISTURBANCES WITHIN 50 FT OF ALL WATER BODIES, MEASURED FROM THE TOP OF BANK, AND WETLANDS, ARE PROHIBITED WITHOUT FURTHER REGULATORY REVIEW.
- CONTRACTOR TO MAINTAIN ALL EXISTING STREAMS AND RIPARIAN BUFFER ZONES IN THEIR NATURAL CONDITION.
- OFF-SITE DISCHARGES OF ANY MATERIAL OTHER THAN STORMWATER, SUCH AS VEHICLE AND EQUIPMENT MAINTENANCE SPILLS, FUELS, WASH WATER, CONSTRUCTION DEBRIS, OIL, WET CONCRETE (INCLUDING WASHOUT WATER FROM CONCRETE BATCH TRUCKS OR EQUIPMENT USED TO MIX CONCRETE), AND OTHER SUBSTANCES, ARE PROHIBITED.
- THE FAILURE TO PROMPTLY ABATE THE DISCHARGE OF SEDIMENT OR ANY OTHER WASTE WHICH CAUSES A VISIBLE DISCOLORATION OF SURFACE WATERS (INCLUDING WETLANDS), OR IS FOUND TO BE VIOLATING WATER QUALITY STANDARDS BASED ON MONITORING, IS PROHIBITED. ANY CORRECTIVE ACTION UNDERTAKEN TO REMOVE SEDIMENT FROM A WETLAND IS ALSO PROHIBITED.
- WEATHER CONDITIONS WILL BE MONITORED DURING THE CONSTRUCTION SEASON. IF AN EXTENDED RAIN PERIOD OR HEAVY RAIN IS PREDICTED, EXPOSED SOIL AREAS SHALL BE MULCHED PRIOR TO AND DAILY DURING THE RAIN EVENT. IF DETERMINED NECESSARY BY THE RESIDENT ENGINEER, WORK MAY BE SUSPENDED OR LIMITED DURING THE STORM.

2. EPSC PLAN

THE CONTRACTOR SHALL SUBMIT AN EPSC PLAN IN ACCORDANCE WITH SPECIAL PROVISION EROSION PREVENTION AND SEDIMENT CONTROL PLAN AND PROJECT PERMITS. THE PLAN AT A MINIMUM SHALL TAKE INTO CONSIDERATION THE FOLLOWING:

- DRAINAGE AREA 1**
 - THE DISTURBANCE AT ANY ONE TIME IN THIS AREA SHALL BE LIMITED TO 1.60 ACRES.
 - SWALES SHALL BE CONSTRUCTED AND STABILIZED PRIOR TO RECEIVING RUNOFF FROM CLOSED DRAINAGE SYSTEMS.
 - STORMWATER FROM DISTURBED AREAS SHALL BE DIRECTED THROUGH SILT FENCE PRIOR TO DISCHARGE, EXCEPT IN THE CASE OF CONCENTRATED OR CHANNEL FLOW.
 - TEMPORARY EROSION MATTING SHALL BE PLACED ON ALL SLOPES EQUAL TO OR GREATER THAN 3H:1V DURING CONSTRUCTION.
 - INSTALLATION OF PERMANENT CHECK DAMS.
 - INSTALLATION OF PERMANENT EROSION MATTING FOR GRASS CHANNEL LINING.
 - INSTALLATION OF TYPE I STONE FOR SLOPE LINING AND CHANNEL PROTECTION.
- DRAINAGE AREA 2**
 - THE DISTURBANCE AT ANY ONE TIME IN THIS AREA SHALL BE LIMITED TO 0.21 ACRES.
 - STORMWATER FROM DISTURBED AREAS SHALL BE DIRECTED THROUGH SILT FENCE PRIOR TO DISCHARGE, EXCEPT IN THE CASE OF CONCENTRATED OR CHANNEL FLOW.
 - TEMPORARY EROSION MATTING SHALL BE PLACED ON ALL SLOPES EQUAL TO OR GREATER THAN 3H:1V DURING CONSTRUCTION.
 - INSTALLATION OF TYPE I STONE FOR SLOPE LINING AND CHANNEL PROTECTION.
- DRAINAGE AREA 3**
 - THE DISTURBANCE AT ANY ONE TIME IN THIS AREA SHALL BE LIMITED TO 0.29 ACRES.
 - ACCESS TO THE AREA, INCLUDING TEMPORARY AND PERMANENT STABILIZATION OF THE PROPOSED ACCESS DURING AND THEN FOLLOWING CONSTRUCTION OF THE PROJECT.
 - STORMWATER FROM DISTURBED AREAS SHALL BE DIRECTED THROUGH SILT FENCE PRIOR TO DISCHARGE, EXCEPT IN THE CASE OF CONCENTRATED OR CHANNEL FLOW.
 - TEMPORARY EROSION MATTING SHALL BE PLACED ON ALL SLOPES EQUAL TO OR GREATER THAN 3H:1V DURING CONSTRUCTION.
 - INSTALLATION OF TYPE I STONE FOR SLOPE LINING AND CHANNEL PROTECTION.

THE EPSC PLAN SHALL ALSO INCLUDE INFORMATION REGARDING:

- METHOD FOR TREATMENT OF DISCHARGE FROM DEWATERING. DISCHARGE FROM DEWATERING ACTIVITIES THAT FLOWS OFF OF THE CONSTRUCTION SITE MUST NOT CAUSE OR CONTRIBUTE TO A VIOLATION OF THE VERMONT WATER QUALITY STANDARDS.
- STABILIZATION OF OPERATIONAL STORMWATER TREATMENT PRACTICES PRIOR TO DIRECTING RUNOFF TO THEM.

THE RUNOFF CONTROL STANDARD SHALL BE MET IN PART THROUGH THE INSTALLATION OF PERMANENT CHECK DAMS AS SHOWN ON THE PLANS.

THE SLOPE PROTECTION STANDARD SHALL BE MET IN PART THROUGH THE INSTALLATION OF A PERMANENT RETAINING WALL AND PERMANENT RIP RAP SLOPE PROTECTION AS SHOWN ON THE PLANS.

THE FLOW PROTECTION STANDARD SHALL BE MET IN PART THROUGH THE INSTALLATION OF PERMANENT GRASSED SWALES AND A PERMANENTLY LINED WATERWAY AS SHOWN ON THE PLANS.

3. INSPECTION & MONITORING NOTES

- CONTRACTOR TO CONDUCT INSPECTIONS AND MONITORING IN ACCORDANCE WITH THE SPECIAL PROVISIONS AND PERMIT SPECIFIC REQUIREMENTS.

PROJECT NAME:	RICHMOND
PROJECT NUMBER:	STP 0284 (17) / CMG PARK (31)
FILE NAME: z97ci86ecnar.dgn	PLOT DATE: 4/29/2013
PROJECT LEADER: ERIK ATKINS	DRAWN BY: L. BOUCHER
DESIGNED BY: L. BOUCHER	CHECKED BY: E. ATKINS
EPSC NARRATIVE	SHEET 8 OF 133