

THE MARYLAND-NATIONAL
CAPITAL PARK AND PLANNING SHEETS
COMMISSION, DEPARTMENT OF
PARK AND PLANNING

M-NCPPC PERMIT NO. 2016-080
PARK JO5

REVIEWED BY

APPROVED BY

DATE APPROVED

THIS IS NOT A PERMIT TO
BEGIN CONSTRUCTION

This approval is for technical review only.

For permit information, the project was computed to be 14444 cubic yards of excavation, 14444 cubic yards of fill and the total construction area is 469,954 square feet.

Signature
Qiong Wang, P.E.
Printed Name and Title
Registration Number

MISS UTILITY

Call "Miss Utility" at 1-800-257-7777, 48 hours prior to the start of work. The excavator must notify all public utility companies with underground facilities in the area of proposed excavation and have those facilities located by the utility companies prior to commencing excavation. The excavator is responsible for compliance with requirements of Chapter 30A of the Montgomery County Code.

CERTIFICATIONS ON THIS SHEET ARE REQUIRED ON ANY PLAN INVOLVING STORMWATER MANAGEMENT. THE STRUCTURAL CERTIFICATION IS REQUIRED FOR UNDERGROUND STORMWATER MANAGEMENT STRUCTURES WHERE POURED CONCRETE WALLS ARE TO BE UTILIZED, OR ON ANY OTHER STRUCTURE MCDPS DEEMS APPROPRIATE.



Iliah Leggett
County Executive

DEPARTMENT OF PERMITTING SERVICES

Diane R. Schwartz Jones
Director

November 26, 2013

Jason Alwine
Gannett Fleming, Inc.
7133 Rutherford Rd., Suite 300
Baltimore, Maryland 21244

Re: Stormwater Management CONCEPT REVISION
Request for Snouffer School Road - Centerway
Rd to Ridge Heights Dr.
SM File # 251591
Tract Size Zone: 7.1 Ac. / Roadway
Total Concept Area: 7.1 Ac.
Waterbody: Great Seneca Creek

Dear Mr. Alwine:

Based on a review by the Department of Permitting Services (DPS) Review Staff, the stormwater management concept for the above mentioned site is acceptable. The stormwater management concept proposes to meet required stormwater management goals via 3 bio-swales, 2 micro-construction facilities, permeable pavement and a structural sandfilter.

The following items will need to be addressed during the detailed sediment control/stormwater management plan stage:

- A detailed review of the stormwater management computations will occur at the time of detailed plan review.
- An engineered sediment control plan must be submitted for this development.
- A floodplain study is required for any land disturbance activity associated with this development which will impact an existing floodplain (>25 acre drainage area).
- A floodplain district permit is required for any land disturbance activity within the floodplain.
- All filtration media for manufactured best management practices, whether for new development or redevelopment, must consist of MDE approved material.
- Landscaping shown on the approved Landscape Plan as part of the approved Site Plan are for illustrative purposes only and may be changed at the time of detailed plan review of the Sediment Control/Storm Water Management plans by the Mont. Co. Department of Permitting Services, Water Resources Section.

This list may not be all-inclusive and may change based on available information at the time.

Payment of a stormwater management contribution in accordance with Section 2 of the Stormwater Management Regulation 4.90 is not required.

MCE: mce 02051591 Snouffer School Ridge Rev.rtg.doc

CC: SM File # 251591

ESD Acres: 0
STRUCTURAL Acres: 1
WAVED Acres: 0

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION
MAINTENANCE CERTIFICATION

I hereby certify that the Department of Transportation will assume maintenance responsibilities for all stormwater management facilities as listed and shown, hereon, in accordance with the MEMORANDUM OF UNDERSTANDING between this Department and the Department of Environmental Protection dated September 1, 1986. If, for any reason, future improvements to the roadway are planned that would impact any of the stormwater management facilities included herein, this Department will notify the Department of Environmental Protection during the planning or early design stage for such improvements.

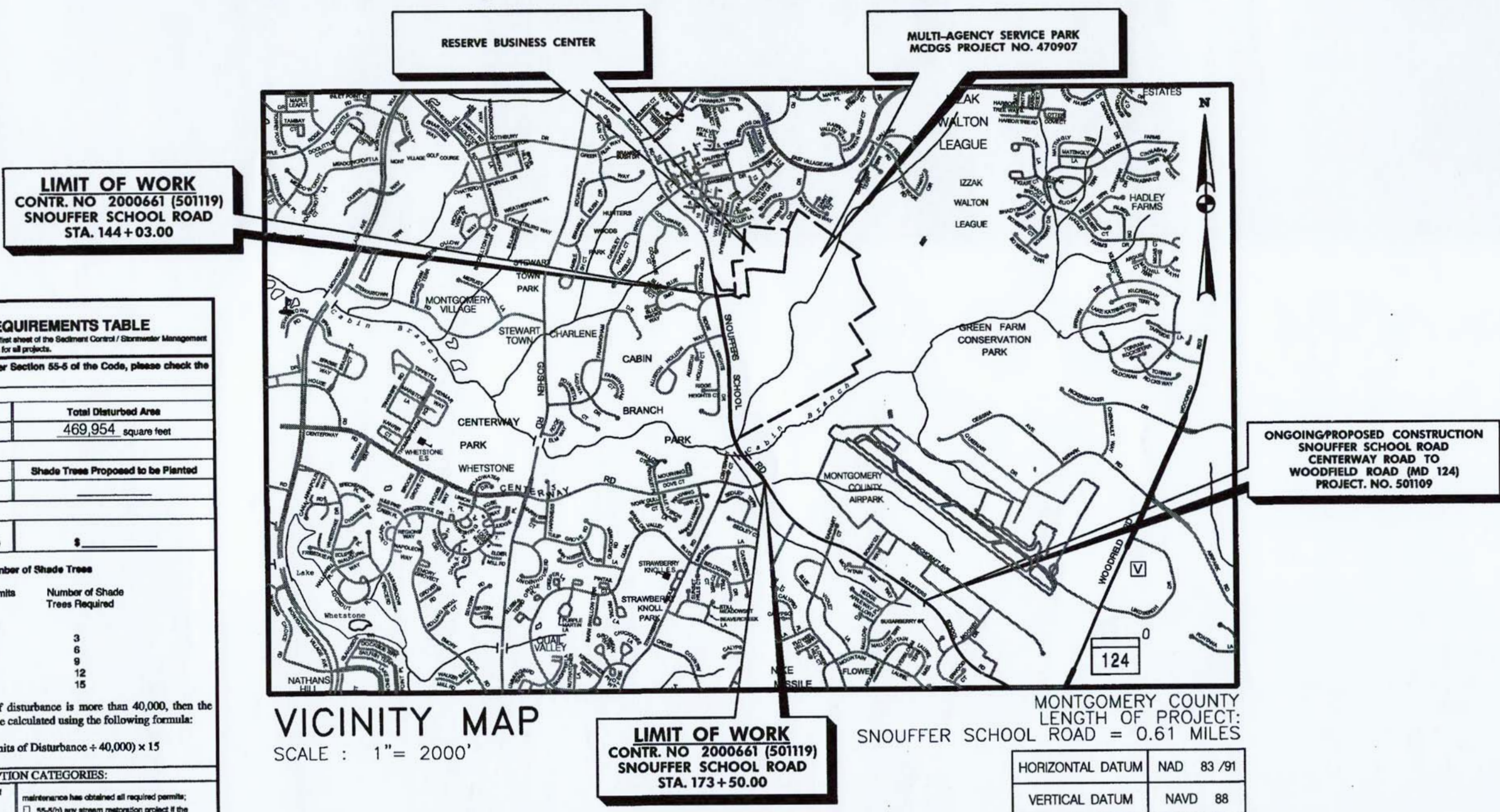
5/15/2017
DATE

BRUCE E. JOHNSTON, P.E.
CHIEF, DIVISION OF TRANSPORTATION ENGINEERING



ADDENDUM NO. 3
1/5/2018

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
SNOUFFER SCHOOL ROAD
CENTERWAY ROAD TO ALLISTON HOLLOW WAY
C.I.P. PROJECT NO. 2000661 (501119)



VICINITY MAP
SCALE: 1"= 2000'

LIMIT OF WORK
CONTR. NO. 2000661 (501119)
SNOUFFER SCHOOL ROAD
STA. 173+50.00

HORIZONTAL DATUM NAD 83 /91
VERTICAL DATUM NAVD 88

OWNER'S/DEVELOPER'S CERTIFICATION

I/We hereby certify that all clearing, grading, construction, and or development will be done pursuant to this plan and that any responsible personnel involved in the construction project will have a Certificate of Attendance at a Department of Natural Resources approved training program for the control of sediment and erosion before beginning the project.

5/15/2017
DATE

BRUCE E. JOHNSTON, P.E.
CHIEF, DIVISION OF TRANSPORTATION ENGINEERING

DESIGN CERTIFICATION

I hereby certify that this plan has been prepared in accordance with the "2011 Maryland Standards and Specification for Soil Erosion and Sediment Control," Montgomery County Department of Permitting Services Executive Regulations 5-90, 7-02AM and 36-90, and Montgomery County Department of Public Works and Transportation "Storm Drain Design Criteria" dated August 1988.

5/17/2017
DATE

JOAN WANG, P.E.
DESIGN ENGINEERING, INC.

R-O-W PLAT NUMBERS	SURVEY BOOK NUMBERS

SEAL:



MONTGOMERY COUNTY DEPARTMENT OF
PERMITTING SERVICES APPROVED FOR:

STORMWATER MANAGEMENT
ONSITE ESD TO THE MEP

REVIEWED
DATE

APPROVED
DATE

LICENSE# 14734
EXPIRATION DATE: 12/30/2017

SEDIMENT CONTROL TECHNICAL
REQUIREMENTS:

REVIEWED
DATE

APPROVED
DATE

251591
S.M.FILE NO.

NOTE: MCDPS APPROVAL DOES
NOT NEGATE THE NEED OF A
MCDPS ACCESS PERMIT

ADMINISTRATIVE REQUIREMENTS:
REVIEWED
DATE

261276
SEDIMENT CONTROL PERMIT NO.

MCDPS APPROVAL OF THIS PLAN WILL EXPIRE
ONE YEAR FROM THE DATE OF APPROVAL
IF THE PROJECT HAS NOT STARTED.

DPS APPROVAL OF A SEDIMENT CONTROL OR STORMWATER MANAGEMENT PLAN IS FOR DEMONSTRATED COMPLIANCE WITH MINIMUM ENVIRONMENTAL RUNOFF TREATMENT STANDARDS AND DOES NOT CREATE OR IMPLY ANY RIGHT TO DIVERT OR CONCENTRATE RUNOFF ONTO ANY ADJACENT PROPERTY WITHOUT THAT PROPERTY OWNER'S PERMISSION. IT DOES NOT RELIEVE THE DESIGN ENGINEER OR OTHER RESPONSIBLE PERSON OF PROFESSIONAL LIABILITY OR ETHICAL RESPONSIBILITY FOR THE ADEQUACY OF THE DRAINAGE DESIGN AS IT AFFECTS UPHILL OR DOWNHILL PROPERTIES.

RELATED REQUIRED PERMITS

To be completed by the consultant and placed on the first sheet of the Sediment Control/Stormwater Management plan set for all projects

IT IS THE RESPONSIBILITY OF PERMITTEE/OWNER OF THIS SITE TO OBTAIN
ALL REQUIRED PERMITS PRIOR TO ISSUANCE OF THE APPROVED
SEDIMENT CONTROL PERMIT:

TYPE OF PERMIT	REQ'D	NOT REQ'D	PERMIT NO.	EXPIRATION DATE	WORK RESTRICTION DATES
MCDPS Floodplain district	X		351155		
WATERWAYS/WETLAND(S) a. Corps of Engineers	X		2016-60176	09-30-2021	
b. MDE	X		16-NT-3022/201660176	01-11-2022	03-01 THROUGH 06-15, INCLUSIVE, OF ANY YEAR
c. MDE Water Quality Certification	X		16-NT-3022/201660176	01-11-2022	03-01 THROUGH 06-15, INCLUSIVE, OF ANY YEAR
MDE Dam Safety		X			
DPS ROADSIDE TREE PROTECTION PLAN		X		APPROVAL DATE	
NPDES NOTICE OF INTENT	X				DATE FILED 05-01-2017
FEMA LOMR (Required Post Construction)		X			
OTHERS (Please List):	X				
MNCPPC	X		2016.80	06-01-2018	
DNR ROADSIDE TREE CARE PERMIT	X		2017-0134		

GENERAL NOTES

- ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITION OF THE STANDARD SPECIFICATIONS OF THE MARYLAND STATE HIGHWAY ADMINISTRATION, MONTGOMERY COUNTY, AND THE WASHINGTON SUBURBAN SANITARY COMMISSION.
- TYPES OF STORM DRAIN STRUCTURES REFER TO THE "DESIGN STANDARDS" OF MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION, UNLESS OTHERWISE NOTED.
- WHEN THE DROP ON THE MAIN LINE THROUGH A STORM DRAIN STRUCTURE CAN BE ACCOMMODATED BY AN INVERT SLOPE OF 1.5:1 OR FLATTER, A ROUNDED CHANNEL LINED WITH SEWER BRICK ON EDGE SHALL BE BUILT TO THE CROWN OF THE PIPES. WHEN THE INVERT SLOPES WOULD BE GREATER THAN 1.5:1 A SPECIAL INVERT SHALL BE CONSTRUCTED AS NOTED.
- ALL STORM DRAIN PIPE SHALL BE INSTALLED WITH CLASS "C" BEDDING UNLESS OTHERWISE SPECIFIED.
- THE CONTRACTOR SHALL MAKE FIELD ADJUSTMENTS TO STORM DRAIN STRUCTURES, WHEN NECESSARY, TO MEET EXISTING CONDITIONS, AS APPROVED BY MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION'S PROJECT INSPECTOR.
- INFORMATION CONCERNING UNDERGROUND UTILITIES WAS OBTAINED FROM AVAILABLE RECORDS, BUT THE CONTRACTOR MUST DETERMINE THE EXACT LOCATIONS AND ELEVATIONS OF THE LINES BY DIGGING TEST PITS BY HAND AT ALL UTILITY CROSSINGS, WELL IN ADVANCE OF TRENCHING. IF CLEARANCES ARE LESS THAN SHOWN OR SIX (6) INCHES, WHICHEVER IS LESS, CONTACT MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION'S PROJECT INSPECTOR AND THE APPROPRIATE UTILITY OWNER BEFORE PROCEEDING WITH CONSTRUCTION.
- REPAIRS TO UTILITIES OR PROPERTY DAMAGE AS A RESULT OF THE CONTRACTOR'S NEGLIGENCE OR METHOD OF OPERATION MUST BE MADE AT THE CONTRACTOR'S EXPENSE BEFORE PROCEEDING WITH CONSTRUCTION.
- CALL "MISS UTILITY" AT 1-800-257-7777 FORTY- EIGHT (48) HOURS PRIOR TO BEGINNING EXCAVATION TO DETERMINE THE EXACT LOCATION OF EXISTING UTILITIES.
- CLEARING IS TO BE LIMITED TO THE "LIMIT OF GRADING" AS SHOWN ON THE PLANS.
- ALL GRADING SHALL BE DONE IN SUCH A MANNER AS TO PROVIDE POSITIVE DRAINAGE.
- ALL DISTURBED AREAS TO BE SEEDED AND MULCHED UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL OBTAIN A ROADSIDE TREE PERMIT FOR ANY MAINTENANCE, TREATMENT, PLANTING, REMOVAL, OR ROOT CUTTING ON TREES WITHIN THE PUBLIC RIGHT OF WAY. PERMIT REQUIREMENTS MAY BE OBTAINED FROM THE DEPARTMENT OF NATURAL RESOURCES, MARYLAND FOREST, PARK AND WILDLIFE SERVICE, TELEPHONE 301-854-6060
- THE CONTRACTOR SHALL USE MSHA STANDARD TYPE A CONCRETE CURB AND GUTTER (MD 620.02) AND MSHA STANDARD DEPRESS CURB ACROSS ALL OPENING (MD 620.03)
- THE CONTRACTOR SHALL CONSTRUCT ALL DRIVEWAY TIE-INS IN-KIND TO THE LIMIT SHOWN ON THE PLANS.
- THE PERMITTEE SHALL REFER TO THE ATTACHED TEMPORARY TRAFFIC CONTROL PLAN (TTCP) DRAWINGS TO SELECT THE APPROPRIATE WORK ZONE TEMPORARY TRAFFIC CONTROLS FOR EACH PHASE OF CONSTRUCTION. WORK ZONE SITUATIONS WHICH ARE NOT ADDRESSED IN THE ATTACHED TTCP SHALL CONFORM TO THE GUIDELINES SET FORTH IN SECTION 6 OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS (MUTCD), MOST RECENT EDITION.

*THE SOURCE OF THE FLOODPLAIN DELINEATION SHOWN IN THE CONTRACT DOCUMENTS
IS FROM THE DPS APPROVED FLOODPLAIN STUDY DATED 10/31/2016*

DPS SC/SWM 1 OF 78