

ALLENTOWN ROAD AT OLD BRANCH AVENUE DRAINAGE IMPROVEMENT

Allentown Road



prince
George's
county MARYLAND

Angela D. Alsobrooks
County Executive



Terry L. Bellamy
DPW&T Director

PROJECT LIMITS & PLAN SHEETS

INDEX OF DRAWINGS

DWG. NO.	DESCRIPTION
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5	EROSION AND SEDIMENT CONTROL PLAN
6	DRAINAGE AREA MAP

DEPARTMENT OF PUBLIC WORKS
AND TRANSPORTATION
PRINCE GEORGE'S COUNTY, MARYLAND

STORM DRAIN RETROFIT
ALLENTOWN ROAD @ OLD BRANCH AVENUE
PRINCE GEORGE'S COUNTY, MARYLAND 20748

CONTRACT NO. _____ PROJECT NO. _____



LOCATION MAP

SCALE: 1" = 2000'
P.G. CO. STREET MAP, 3786, GRID E-2
WSSC GRID: 2085E03

INSPECTION BY	
SECTOR	PRIVATE
STORM DRAIN SYSTEM	
S.D. PIPES	
S.D. FLOOD CONTROL	
WATER QUALITY SYSTEM	
FILTRATION	
RETENTION POND	
DETENTION POND	
OIL GRIT SED.	
EXC. DET. POND	
UNDERGROUND STORAGE	
OTHERS	
SD# _____	
SD RETROFIT ALLENTOWN ROAD @ PROJECT NAME: OLD BRANCH AVENUE	
PRINCE GEORGE'S COUNTY, MD. DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION	
APPROVED for Stormwater Management and Storm Drain Only	
DATE _____	
<input checked="" type="checkbox"/> Public storm drain / SWM system permits required prior to construction.	
<input type="checkbox"/> Private storm drain / SWM system. A recorded maintenance agreement is required.	
<input type="checkbox"/> Preconstruction meeting is required for all SWM impacted storm drain / SWM systems. Call (301) 952-6914 for details.	
<input type="checkbox"/> APPROVAL REVISION _____	
DATE _____	
<input type="checkbox"/> DESCRIPTION: _____	

THE GRADING LIMITS SHOWN ON THE PLAN ARE NOT TO BE EXCEEDED. ANY CHANGES IN THE GRADING, DRAINAGE AND SEDIMENT CONTROL PLAN, STORM WATER MANAGEMENT FACILITY OR OTHER SEGMENT OF THE WORK MUST BE REVIEWED AND APPROVED BY THE ENGINEER.

DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
(PRINT)
ENGINEERING AND INSPECTION SERVICES DIVISION
PRINCE GEORGE'S COUNTY, MARYLAND

APPROVAL DATE: _____

BY: _____

DISTRICT ENGINEER

PERMIT NUMBER: _____

LOTS/BLOCKS: _____

APPROVED: _____

FOR SHERIFF DEPARTMENT OF PUBLIC WORKS
AND TRANSPORTATION
PRINCE GEORGE'S COUNTY, MARYLAND



OWNER / APPLICANT
PRINCE GEORGE'S COUNTY
DOT OF PUBLIC WORKS AND TRANSPORTATION
OFFICE OF ENGINEERING AND PROJECT MANAGEMENT
4400 Jefferson Plaza
Suite 201, Largo, MD 20774
PHONE: (301) 883-5541

Rev. No.	Revised	Rev. Date

PROFESSIONAL CERTIFICATION
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A FULLY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. _____ EXPIRES: _____
SEAL, EXPIRES: 06/25/15



AB CONSULTANTS, INC.
7020 Takahery Rd.
Westport, MD 21244
PHONE: (301) 306-3091
FAX: (301) 306-3092

PROJECT: ALLENTOWN ROAD @ OLD BRANCH AVE.
SHEET NO. 3010817211
BLOCKS SHOWN: _____
DATE: 3/28/15
DRAWN BY: AP
CHECKED BY: SA
TAX MAP: 006, GRID 84

TITLE SHEET
SWM ELECTION DISTRICT
PRINCE GEORGE'S COUNTY, MARYLAND
SHEET: 1 OF 6



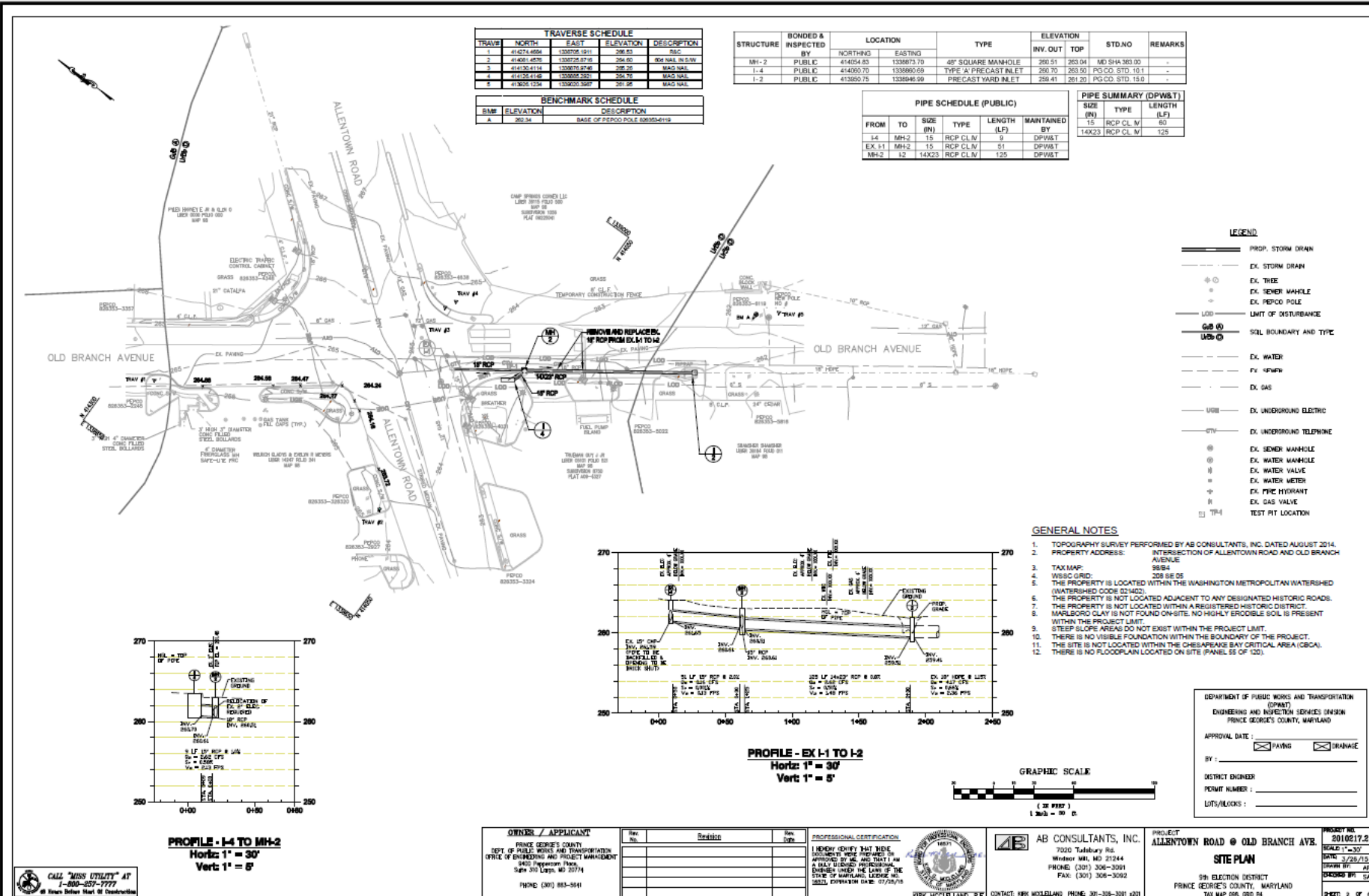
prince
Georges
county MARYLAND

PLAN SHEET 2 OF 6



Angela D. Alsobrooks
County Executive

Terry L. Bellamy
DPW&T Director



TRAVERSE SCHEDULE				
TRAV	NORTH	EAST	ELEVATION	DESCRIPTION
1	414271.4586	133875.3211	268.51	SEC
2	414261.4576	133875.2746	268.50	MD NAL IN SW
3	414130.4114	133875.2746	268.50	MAG NAL
4	414130.4114	133880.3262	268.78	MAG NAL
5	413925.1234	133880.3262	261.25	MAG NAL

BENCHMARK SCHEDULE	
B.M.P.	DESCRIPTION
A	263.34 BASE OF PEPCO POLE 28835-4119

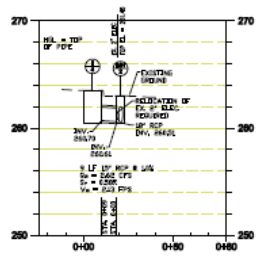
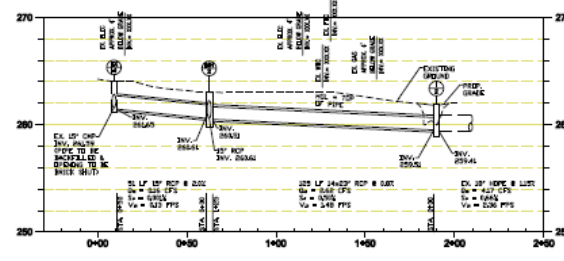
STRUCTURE	BONDED & INSPECTED BY	LOCATION		TYPE	ELEVATION			STD.NO	REMARKS
		NORTHING	EASTING		INV.	OUT	TOP		
MH-2	PUBLIC	41404.83	133887.70	48" SQUARE MANHOLE	261.51	263.04	MD SHA 363.00	-	-
I-4	PUBLIC	414090.70	133880.69	TYPE 'A' PRECAST INLET	260.70	263.50	PG.CO. STD. 10.1	-	-
I-2	PUBLIC	413650.75	133884.99	PRECAST YARD INLET	259.41	261.20	PG.CO. STD. 15.0	-	-

PIPE SCHEDULE (PUBLIC)					
FROM	TO	SIZE (IN)	TYPE	LENGTH (LF)	MAINTAINED BY
I-4	MH-2	15	RCP CLV	9	DPW&T
EX. I-1	MH-2	15	RCP CLV	51	DPW&T
MH-2	I-2	14X23	RCP CLV	125	DPW&T

PIPE SUMMARY (DPW&T)		
SIZE (IN)	TYPE	LENGTH (LF)
15	RCP CLV	60
14X23	RCP CLV	125

- LEGEND**
- PROP. STORM DRAIN
 - - - EX. STORM DRAIN
 - ⊕ EX. TREE
 - ⊕ EX. SEWER MANHOLE
 - ⊕ EX. PERCO POLE
 - LIMIT OF DISTURBANCE
 - ⊕ EX. SOIL BOUNDARY AND TYPE
 - - - EX. WATER
 - - - EX. WATER VALVE
 - - - EX. GAS
 - EX. UNDERGROUND ELECTRIC
 - EX. UNDERGROUND TELEPHONE
 - ⊕ EX. SEWER MANHOLE
 - ⊕ EX. WATER MANHOLE
 - ⊕ EX. WATER VALVE
 - ⊕ EX. WATER METER
 - ⊕ EX. FIRE HYDRANT
 - ⊕ EX. GAS VALVE
 - ⊕ TEST PIT LOCATION

- GENERAL NOTES**
- TOPOGRAPHY SURVEY PERFORMED BY AB CONSULTANTS, INC. DATED AUGUST 2014.
 - PROPERTY ADDRESS: INTERSECTION OF ALLENTOWN ROAD AND OLD BRANCH AVENUE
 - TAX MAP: 8884
 - WESIC GRID: 208 SEE DS
 - THE PROPERTY IS LOCATED WITHIN THE WASHINGTON METROPOLITAN WATERSHED (WATERSHED CODE 82-482).
 - THE PROPERTY IS NOT LOCATED ADJACENT TO ANY DESIGNATED HISTORIC ROADS.
 - THE PROPERTY IS NOT LOCATED WITHIN A REGISTERED HISTORIC DISTRICT.
 - MARLBORO CLAY IS NOT FOUND ON-SITE. NO HIGHLY ERODIBLE SOIL IS PRESENT WITHIN THE PROJECT LIMIT.
 - STEEP SLOPE AREAS DO NOT EXIST WITHIN THE PROJECT LIMIT.
 - THERE IS NO VISIBLE FOUNDATION WITHIN THE BOUNDARY OF THE PROJECT.
 - THE SITE IS NOT LOCATED WITHIN THE CHESAPEAKE BAY CRITICAL AREA (CBCA).
 - THERE IS NO FLOODPLAIN LOCATED ON SITE (PANEL SS OF 120).



DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
(DPW&T)
ENGINEERING AND INSPECTION SERVICES DIVISION
PRINCE GEORGES COUNTY, MARYLAND

APPROVAL DATE: PAVING DRAINAGE

BY: _____

DISTRICT ENGINEER: _____

PERMIT NUMBER: _____

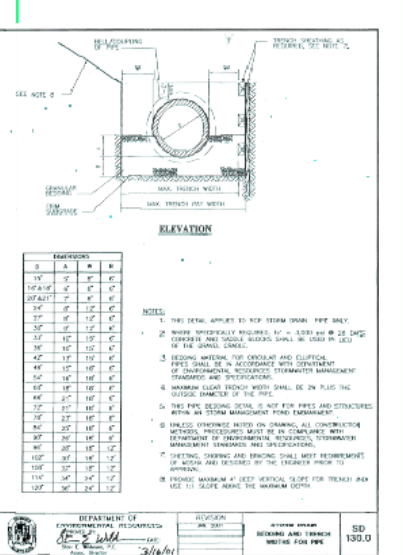
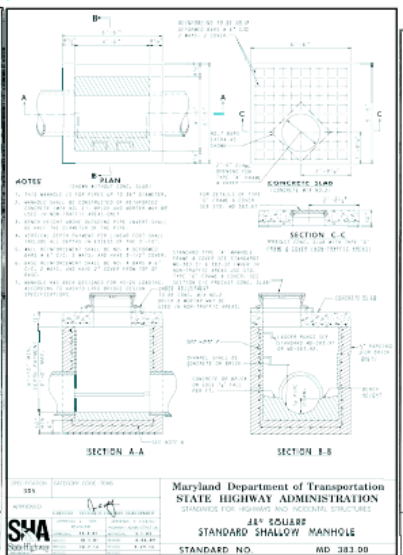
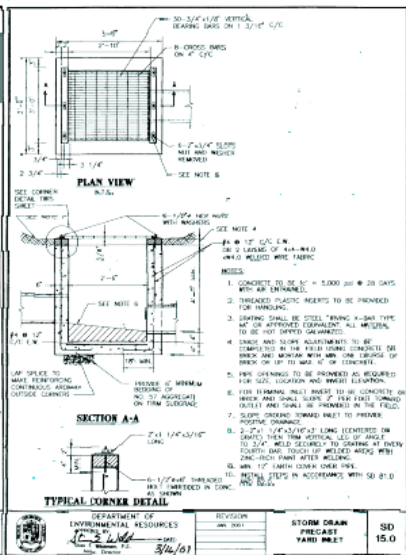
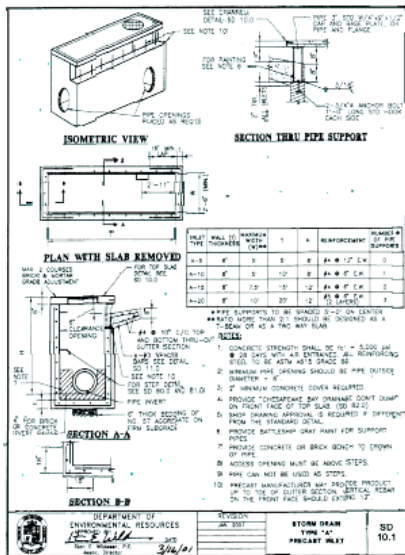
LOTS/BLKCS: _____

<p>OWNER / APPLICANT</p> <p>PRINCE GEORGES COUNTY DEPT. OF PUBLIC WORKS AND TRANSPORTATION OFFICE OF ENGINEERING AND PROJECT MANAGEMENT 8400 Independence Plaza Suite 310 Largo, MD 20774 PHONE (301) 883-3641</p>	<table border="1"> <thead> <tr> <th>Rev.</th> <th>Revision</th> <th>Rev.</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	Rev.	Revision	Rev.	Date					<p>PROFESSIONAL CERTIFICATION</p> <p>I HEREBY CERTIFY THAT I HAVE EXAMINED THESE PLANS AND THAT I AM A FULLY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 28222, EXPIRATION DATE: 07/25/15.</p> <p>RISK WOODLAND, P.E.</p>	<p>AB CONSULTANTS, INC.</p> <p>7020 Teaberry Rd. Windsor Mill, MD 21244 PHONE: (301) 306-3091 FAX: (301) 306-3092</p> <p>CONTACT: RISK WOODLAND PHONE: 301-306-3091 x201</p>	<p>PROJECT: ALLENTOWN ROAD @ OLD BRANCH AVE.</p> <p>SITE PLAN</p> <p>5th ELECTION DISTRICT PRINCE GEORGES COUNTY, MARYLAND TAX MAP 088, 082 B1</p>	<p>PROJECT NO: 2010217.21</p> <p>SCALE: 1" = 30'</p> <p>DATE: 3/28/15</p> <p>DRAWN BY: JAF</p> <p>CHECKED BY: SA</p> <p>SHEET: 2 OF 6</p>
Rev.	Revision	Rev.	Date										

CALL "MISS UTILITY" AT 1-800-357-7777



PLAN SHEET 3 OF 6

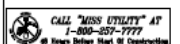


DEPARTMENT OF ENVIRONMENTAL RESOURCES	REVISION	STORM DRAIN TYPE 'A'	SD
<i>[Signature]</i>	JAN 2007	PRECAST INLET	10.1

DEPARTMENT OF ENVIRONMENTAL RESOURCES	REVISION	STORM DRAIN TYPE 'A'	SD
<i>[Signature]</i>	JAN 2007	PRECAST YARD INLET	15.0

Maryland Department of Transportation STATE HIGHWAY ADMINISTRATION	REVISION	STORM DRAIN TYPE 'A'	SD
<i>[Signature]</i>	JAN 2007	STANDARD SHALLOW MANHOLE	10.1

DEPARTMENT OF ENVIRONMENTAL RESOURCES	REVISION	STORM DRAIN TYPE 'A'	SD
<i>[Signature]</i>	JAN 2007	MANHOLE AND TRENCH NOTES FOR PAV.	100.0



OWNER / APPLICANT	Rev. No.	Revised	Rev. Date
PRINCE GEORGES COUNTY DEPT. OF PUBLIC WORKS AND TRANSPORTATION OFFICE OF ENGINEERING AND PROJECT MANAGEMENT 8000 Popovertown Plaza Suite 200 Largo, MD 20774 PHONE (301) 883-5941			

PROFESSIONAL CERTIFICATION
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED BY ME AND THAT I AM A FULLY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 20228, EXPIRES ON 03/31/2018.
RICK WOODLAND, P.E.

AB CONSULTANTS, INC.
7000 Tabbary Rd
Windsor, MD, MD 21244
PHONE: (301) 308-3091
FAX: (301) 308-3092
CONTACT RRR WOODLAND PHONE 301-308-3091 x201

PROJECT: ALLENTOWN ROAD @ OLD BRANCH AVE.
SHEET NO.: 20100217.21
SCALE: 1"=30'
DATE: 3/28/09
DRAWN BY: AP
CHECKED BY: SA
SHEET 3 OF 6

DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
(DPW&T)
ENGINEERING AND INSPECTION SERVICES DIVISION
PRINCE GEORGES COUNTY, MARYLAND

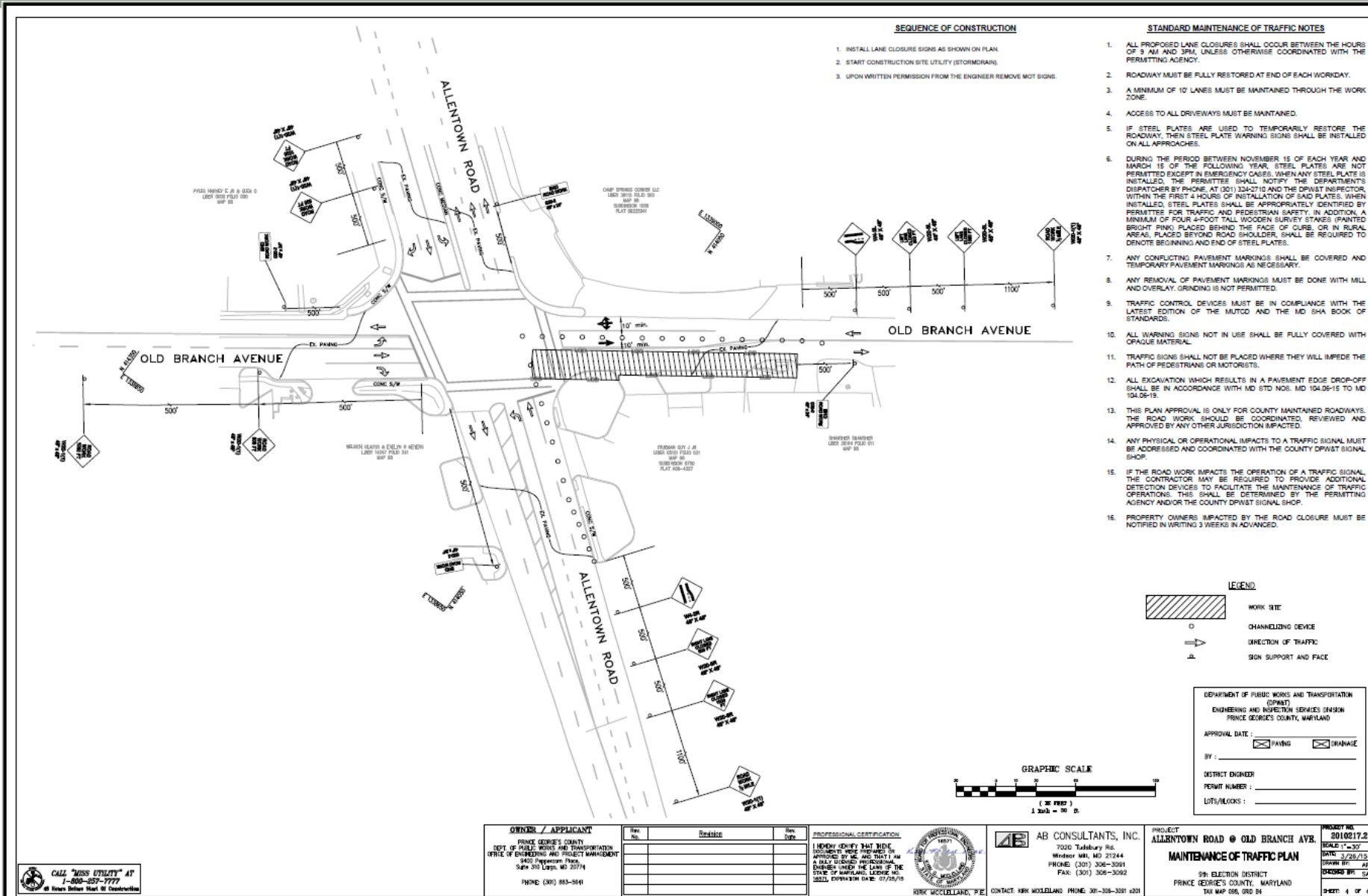
APPROVAL DATE: PAVING DRAINAGE

BY: _____

DISTRICT ENGINEER

PERMIT NUMBER: _____

LOTS/LOCKS: _____



CALL "MISS UTILITY" AT
1-800-357-7777
4 Hours Before Start of Construction



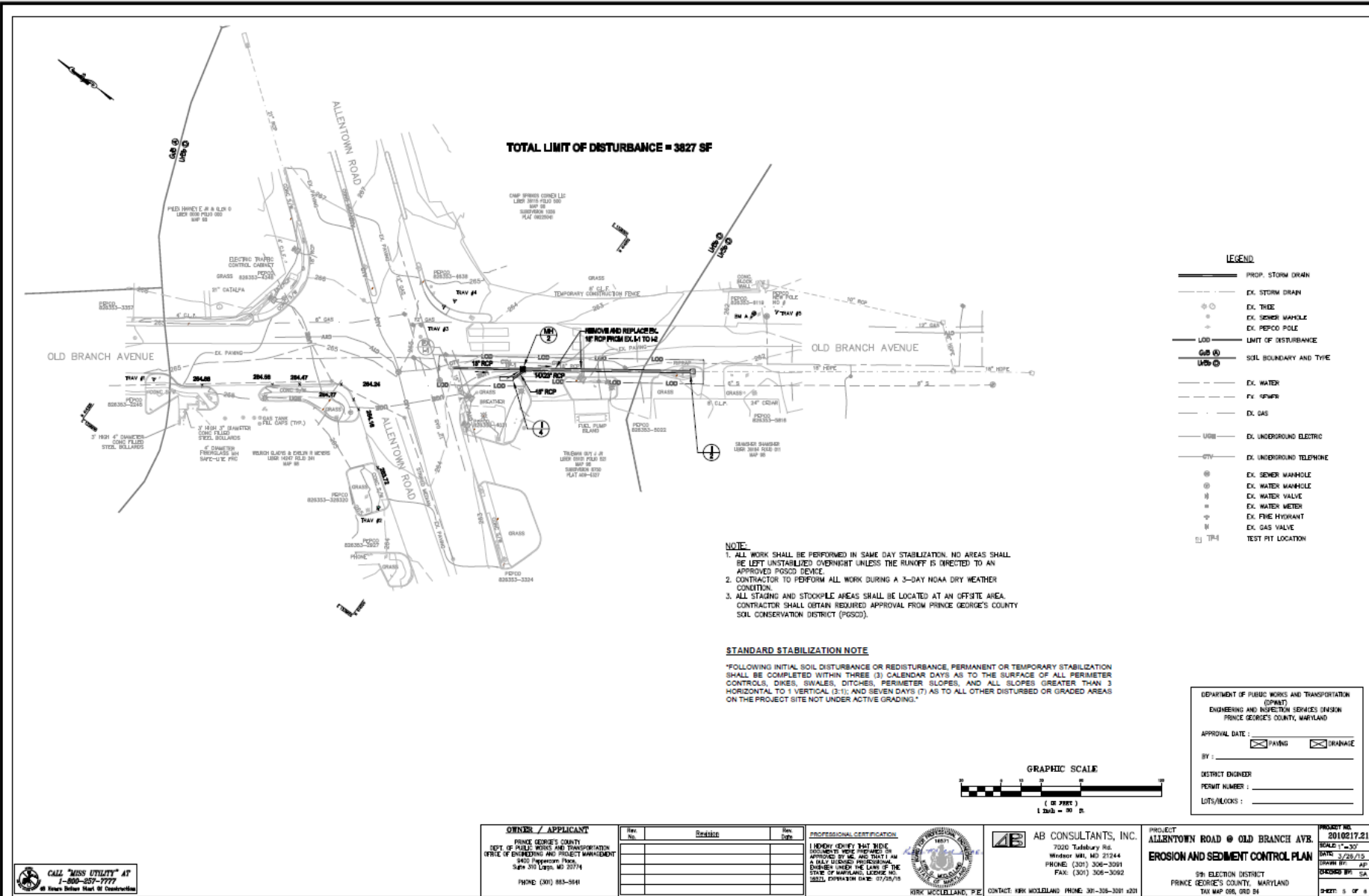
prince
Georges
county MARYLAND

PLAN SHEET 5 OF 6



Angela D. Alsobrooks
County Executive

Terry L. Bellamy
DPW&T Director



CALL "MISS UTILITY" AT 1-800-327-7777



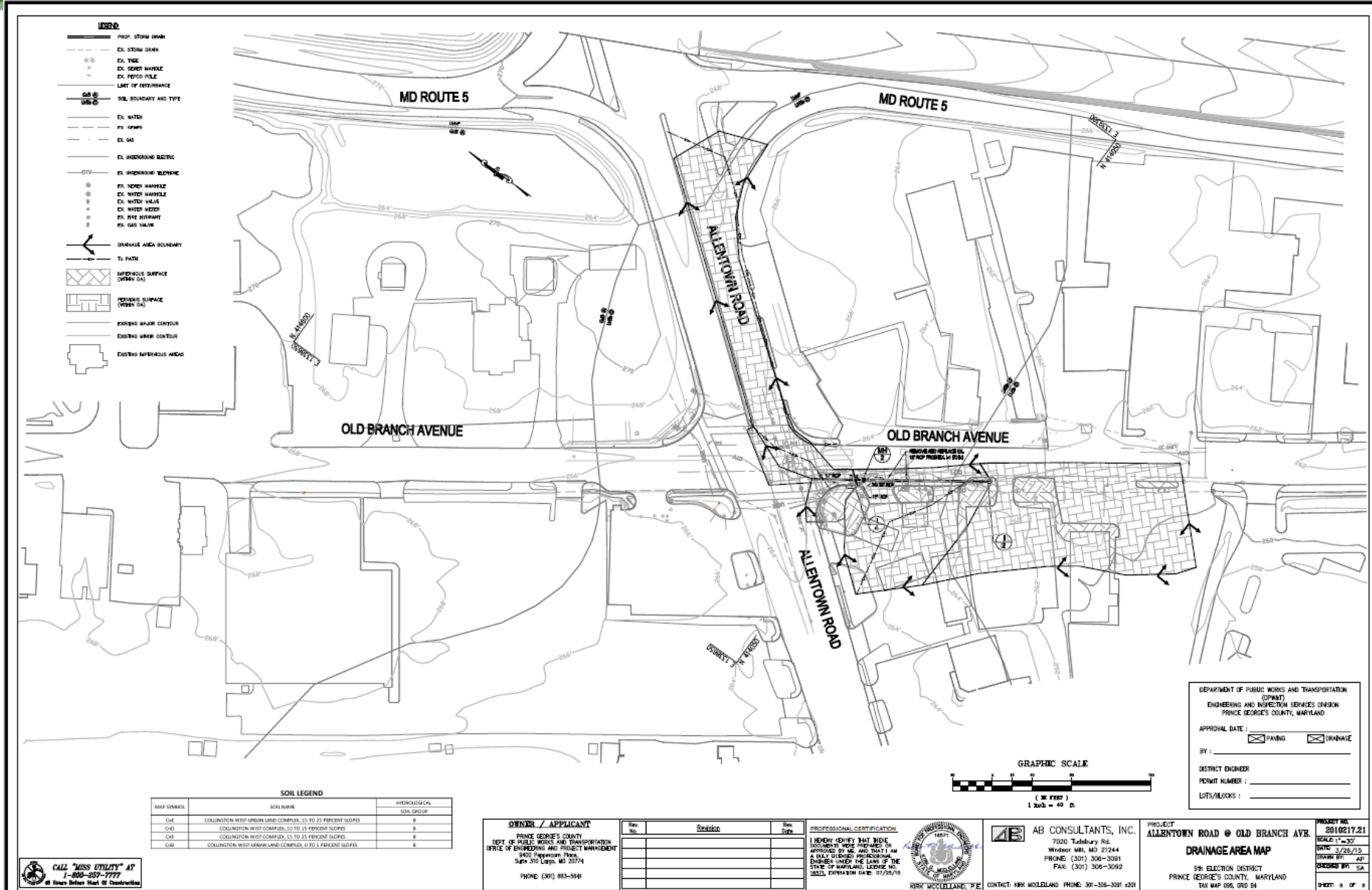
AB CONSULTANTS, INC.
7000 Tottenbury Rd.
Windsor Mill, MD 21244
PHONE: (301) 308-3091
FAX: (301) 308-3092

PROJECT: ALLETTOWN ROAD @ OLD BRANCH AVE
EROSION AND SEDIMENT CONTROL PLAN
391 ELECTION DISTRICT
PRINCE GEORGE'S COUNTY, MARYLAND
TAX MAP 005, 006, 014

PROJECT NO: 20100217.21
SCALE: 1" = 30'
DATE: 3/28/15
DRAWN BY: AP
CHECKED BY: SA
SHEET: 5 OF 6



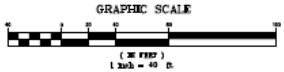
PLAN SHEET 6 OF 6



- LEGEND**
- FRESH STORM DRAIN
 - EX. STORM DRAIN
 - EX. TRAIL
 - EX. SEWER MAINLINE
 - EX. PERIOD POLE
 - EX. FIRE HYDRANT
 - EX. GAS MAIN
 - EX. UNDERGROUND ELECTRIC
 - EX. UNDERGROUND TELEPHONE
 - EX. NEWER MAINLINE
 - EX. WATER MAINLINE
 - EX. WATER MAIN
 - EX. WATER MAIN
 - EX. FIRE HYDRANT
 - EX. GAS MAIN
- DRAINAGE AREA BOUNDARY**
- TO PATH
 - INFILTRATION SURFACE (OTHER DA)
 - PERVIOUS SURFACE (OTHER DA)
 - PARKING MARKER CONTOUR
 - EXISTING MARKER CONTOUR
 - EXISTING INFILTRATION AREAS

SOIL LEGEND

MAP SYMBOL	SOIL NAME	HYDROLOGICAL SOIL GROUP
CHE	COLLINGTON WEST URBAN LAND COMPLEX, 15 TO 25 PERCENT SLOPES	B
CHD	COLLINGTON WEST COMPLEX, 10 TO 15 PERCENT SLOPES	B
CHG	COLLINGTON WEST COMPLEX, 15 TO 25 PERCENT SLOPES	B
CGH	COLLINGTON WEST URBAN LAND COMPLEX, 0 TO 5 PERCENT SLOPES	B



DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION (DPW&T)
ENGINEERING AND INSPECTION SERVICES DIVISION
PRINCE GEORGES COUNTY, MARYLAND

APPROVAL DATE: _____

BY: _____

DISTRICT ENGINEER

PERMIT NUMBER: _____

LOTS/BLOCKS: _____

CALL "MISS UTILITY" AT
1-800-357-7777
at Hours Before Work or Construction

OWNER / APPLICANT
PRINCE GEORGES COUNTY
DEPT. OF PUBLIC WORKS AND TRANSPORTATION
OFFICE OF ENGINEERING AND PROJECT MANAGEMENT
9800 Progress Plaza
Suite 201 Largo, MD 20774
PHONE (301) 883-3941

Rev. No.	Description	Rev. Date

PROFESSIONAL CERTIFICATION
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED BY ME OR UNDER MY CLOSE PERSONAL SUPERVISION AND THAT I AM A QUALIFIED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 10022, EXPIRATION DATE: 07/25/15
RICK WOODLAND, P.E.



AB CONSULTANTS, INC.
7020 Tabbury Rd.
Westport, MD 21244
PHONE: (301) 306-3081
FAX: (301) 306-3092
CONTACT: RICK WOODLAND PHONE: 301-306-3081 x201

PROJECT
ALLENTOWN ROAD @ OLD BRANCH AVE.
DRAINAGE AREA MAP
591 ELECTION DISTRICT
PRINCE GEORGES COUNTY, MARYLAND
TAX MAP 006, ORD 04

PROJECT NO. 2010817.21
SCALE: 1" = 30'
DATE: 3/28/15
DRAWN BY: AP
CHECKED BY: SA
SHEET: 6 OF 6

POINTS OF CONTACT DURING DESIGN:

Erv Beckert, P.E.

Chief, Highway and Bridge Design Division

Mobile: 240.508.9610

Email: ETBeckert@co.pg.md.us

POINT OF CONTACT DURING CONSTRUCTION:

Dwight Joseph

Chief, Construction Division

Direct: 301. 883. 5633

Email: DJoseph@co.pg.md.us