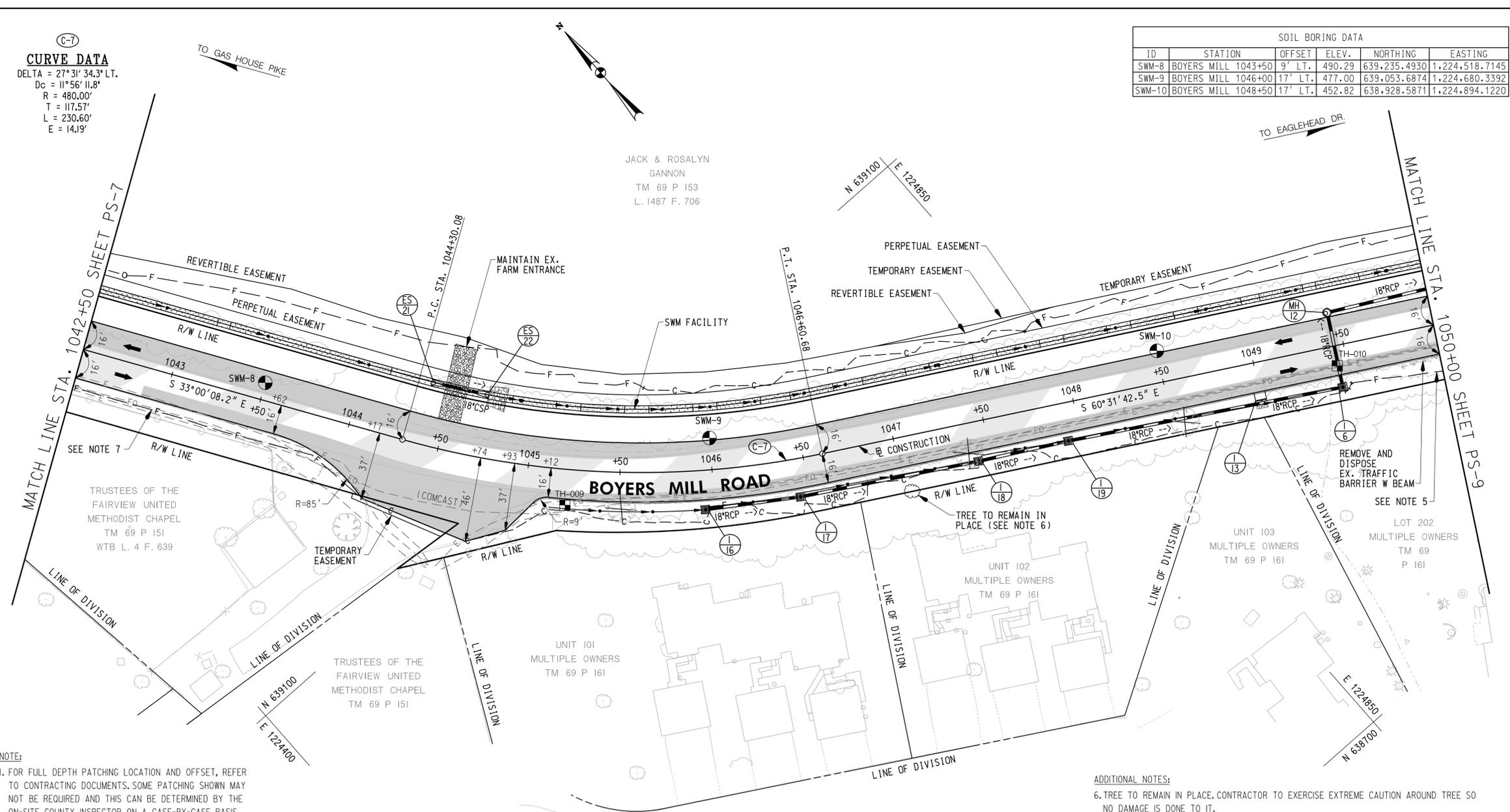


C-7
CURVE DATA
 DELTA = 27°31' 34.3" LT.
 Dc = 11°56' 11.8"
 R = 480.00'
 T = 117.57'
 L = 230.60'
 E = 14.19'

SOIL BORING DATA					
ID	STATION	OFFSET	ELEV.	NORTHING	EASTING
SWM-8	BOYERS MILL 1043+50	9' LT.	490.29	639,235.4930	1,224,518.7145
SWM-9	BOYERS MILL 1046+00	17' LT.	477.00	639,053.6874	1,224,680.3392
SWM-10	BOYERS MILL 1048+50	17' LT.	452.82	638,928.5871	1,224,894.1220

JACK & ROSALYN
 GANNON
 TM 69 P 153
 L. 1487 F. 706



STANDARD TYPE A CURB, 8" X 16" (STA. MD-620.02)
502 L.F. - BOYERS MILL STA. 1045+05 TO 1050+00, RT.
REMOVAL AND DISPOSAL OF EXISTING TRAFFIC BARRIER W BEAM
22 L.F. - BOYERS MILL STA. 1049+79 TO 1050+00, RT.
SELECTED BACKFILL USING AASHTO NO. 57 AGGREGATE
10 C.Y. - BOYERS MILL STA. 1044+46 TO 1044+59, LT. (L=42', W=12', D=0.5')
CLASS 1 RIPRAP FOR CHANNEL PROTECTION WITH COG/COS OPENING (SS-1)
4 S.Y. - BOYERS MILL STA. 1049+00, RT. (L=6')

- NOTE:**
- FOR FULL DEPTH PATCHING LOCATION AND OFFSET, REFER TO CONTRACTING DOCUMENTS. SOME PATCHING SHOWN MAY NOT BE REQUIRED AND THIS CAN BE DETERMINED BY THE ON-SITE COUNTY INSPECTOR ON A CASE-BY-CASE BASIS.
 - FOR TREE PROTECTION FENCE (TPF) LOCATIONS, SEE EROSION AND SEDIMENT CONTROL SHEETS EPI(A)-09 THROUGH EPI(S)-12.
 - WHERE SPECIMEN TREES ARE TO REMAIN, PERFORM ROOT PRUNING IN ACCORDANCE WITH THE ROOT PRUNING DETAIL ON SHEET ES-03.
 - WHERE CURB IS LOCATED, DIMENSIONS ARE MEASURED TO FACE OF CURB.
 - RIGHT-OF-WAY REDUCTION WAS TAKEN INTO CONSIDERATION AS MUCH AS POSSIBLE WITH THE PROPOSED ALIGNMENT.

- ADDITIONAL NOTES:**
- TREE TO REMAIN IN PLACE. CONTRACTOR TO EXERCISE EXTREME CAUTION AROUND TREE SO NO DAMAGE IS DONE TO IT.
 - FOR THE TRUSTEES OF THE FAIRVIEW UNITED METHODIST CHAPEL PROPERTY, CONTRACTOR SHALL BE CAREFUL NOT TO HAVE ANY FILL PLACED BEHIND THE FENCE ALONG THE PROPERTY.
 - FOR THE GANNON PROPERTY, IF CROPS ARE NOT ALREADY PLANTED WHEN CONSTRUCTION BEGINS, CONTRACTOR SHALL STAKE PERPETUAL AND TEMPORARY EASEMENT LINES SO THE PROPERTY OWNER DOES NOT PLANT IN THESE AREAS. IF THE AREAS ARE ALREADY PLANTED WITH CROPS, CONTRACTOR SHALL CONTACT THE COUNTY PROJECT MANAGER BEFORE PROCEEDING, AS DAMAGES WILL HAVE TO BE PAID TO THE PROPERTY OWNER.
 - WHEN CLEARING AND GRUBBING TO INSTALL AND DURING THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES WITHIN THE TEMPORARY EASEMENT AREAS, (BETWEEN THE LIMITS OF PERMANENT GRADING AND LIMIT OF DISTURBANCE), THE CONTRACTOR SHALL MAKE EVERY POSSIBLE ATTEMPT TO AVOID UNNECESSARY DISTURBANCE TO EXISTING TREES, STRUCTURES AND LANDSCAPING WITHIN THE AREA. THE CONTRACTOR SHALL PRESENT THE ENGINEER WITH POSSIBLE OPTIONS TO MINIMIZE DISTURBANCES TO THESE ITEMS FOR APPROVAL.

REFERENCE STATION	OFFSET	INVERT ELEVATION
1042+50	34.0' LT.	488.71
1042+75	34.0' LT.	488.34
1043+00	34.0' LT.	487.96
1043+25	34.0' LT.	487.59
1043+50	34.0' LT.	487.21
1043+75	34.0' LT.	486.84
1044+00	34.0' LT.	486.46
1044+25	34.0' LT.	486.09
1044+50	34.1' LT.	484.76
1044+75	34.1' LT.	483.83
1045+00	34.1' LT.	482.02
1045+25	34.1' LT.	479.61
1045+50	34.1' LT.	478.39
1045+75	34.0' LT.	475.70
1046+00	34.0' LT.	474.61
1046+25	34.1' LT.	472.07
1046+50	34.0' LT.	468.50
1046+75	34.0' LT.	467.53
1047+00	34.0' LT.	463.89
1047+25	34.0' LT.	461.79
1047+50	34.0' LT.	460.13
1047+75	34.0' LT.	457.37
1048+00	34.0' LT.	455.13
1048+25	34.0' LT.	453.61
1048+50	34.0' LT.	450.85
1048+75	34.0' LT.	448.46
1049+00	34.0' LT.	447.09
1049+25	34.0' LT.	445.21
1049+50	34.0' LT.	444.21

REFERENCE STATION	OFFSET	INVERT ELEVATION
1045+12	21.29' RT.	485.47
1045+25	21.29' RT.	484.58
1045+50	21.29' RT.	482.80
1045+75	21.31' RT.	480.53
1045+95	21.27' RT.	478.93
1045+96	19.99' RT.	479.04
1046+00	19.68' RT.	478.78
1046+25	19.93' RT.	476.16
1046+45	20.67' RT.	474.00
1046+47	18.57' RT.	474.37
1046+50	18.66' RT.	473.98
1046+75	19.11' RT.	471.20
1047+00	19.75' RT.	468.35

REFERENCE STATION	OFFSET	INVERT ELEVATION
1047+25	20.72' RT.	465.50
1047+43	21.42' RT.	463.73
1047+45	18.82' RT.	464.11
1047+50	18.75' RT.	463.63
1047+75	19.83' RT.	460.84
1047+93	20.67' RT.	459.19
1048+00	20.32' RT.	458.47
1048+25	20.50' RT.	456.19
1048+50	20.77' RT.	453.91
1048+75	21.80' RT.	451.62
1049+00	22.85' RT.	449.36
1049+25	22.33' RT.	447.93
1049+35	22.63' RT.	447.24

LEGEND

- FULL DEPTH RECONSTRUCTION
- FULL DEPTH PATCHING
- GRIND / RESURFACING
- PAVEMENT REMOVAL
- TYPE B SOIL STABILIZATION MATTING
- COBBLESTONE STAMPED PORTLAND CEMENT CONCRETE
- PLAIN PORTLAND CEMENT CONCRETE
- TRAFFIC FLOW ARROW
- CONSTRUCTION
- SOIL BORING
- UTILITY TEST PITS



STORMWATER MANAGEMENT FACILITIES		
FACILITY ID	LOCATION	GRADING, PROFILE AND DETAILS
BIO-SWALE 10-1	STA. 1042+50 TO STA. 1050+00, LT. (CONT. ON PS-7 AND PS-9)	SW-11, SW-12, SW-13 AND SW-14

CROSS REFERENCE	
ITEM	SHEET NOS.
TYPICAL SECTIONS	TS-1 TO TS-3
SUPERELEVATION CHARTS	SE-1
PIPE & DRAINAGE SCHEDULE	GS-1 TO GS-3
GEOMETRIC LAYOUT SHEETS	PS-1 TO PS-12
ROADWAY PLAN SHEETS	PR-1 TO PR-13
ROADWAY PROFILE SHEETS	TC-1 TO TC-7
TRAFFIC CONTROL SHEETS	EP-1 TO EP(5)-12
EROSION & SEDIMENT CONTROL PLANS	SN-1 TO SN-12
SIGNING & MARKING PLANS	LD-1 TO LD-14
LANDSCAPE PLAN SHEETS	PLAT NO. 408-420
RESPECTIVE RIGHT-OF-WAY PLATS	

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 A Limited Liability Partnership

ROADWAY PLAN KEY

PS-8

FREDERICK COUNTY, MARYLAND
 DIVISION OF PUBLIC WORKS
 DEPARTMENT OF ENGINEERING AND CONSTRUCTION MANAGEMENT
 OFFICE OF TRANSPORTATION ENGINEERING
 FREDERICK COUNTY, MARYLAND

BOYERS MILL ROAD FROM GAS HOUSE PIKE TO NORTH OF LAKE LINGANORE ROADWAY PLAN

DATE: JUNE 2016 SCALE: 1"=30'

PROJECT NO: C28412 DWG. 23 OF 132

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 Wednesday, June 01, 2016 AT 11:23 AM