

(C-9) CURVE DATA
 DELTA = 58°29' 38.7" RT.
 Dc = 14°19' 26.2"
 R = 400.00'
 T = 223.98'
 L = 408.37'
 E = 58.44'

(C-12) CURVE DATA
 DELTA = 19°37' 55.6" LT.
 Dc = 16°22' 12.8"
 R = 350.00'
 T = 60.56'
 L = 119.93'
 E = 5.20'

(C-13) CURVE DATA
 DELTA = 33°34' 55.9" LT.
 Dc = 16°22' 12.8"
 R = 350.00'
 T = 60.56'
 L = 119.93'
 E = 5.20'

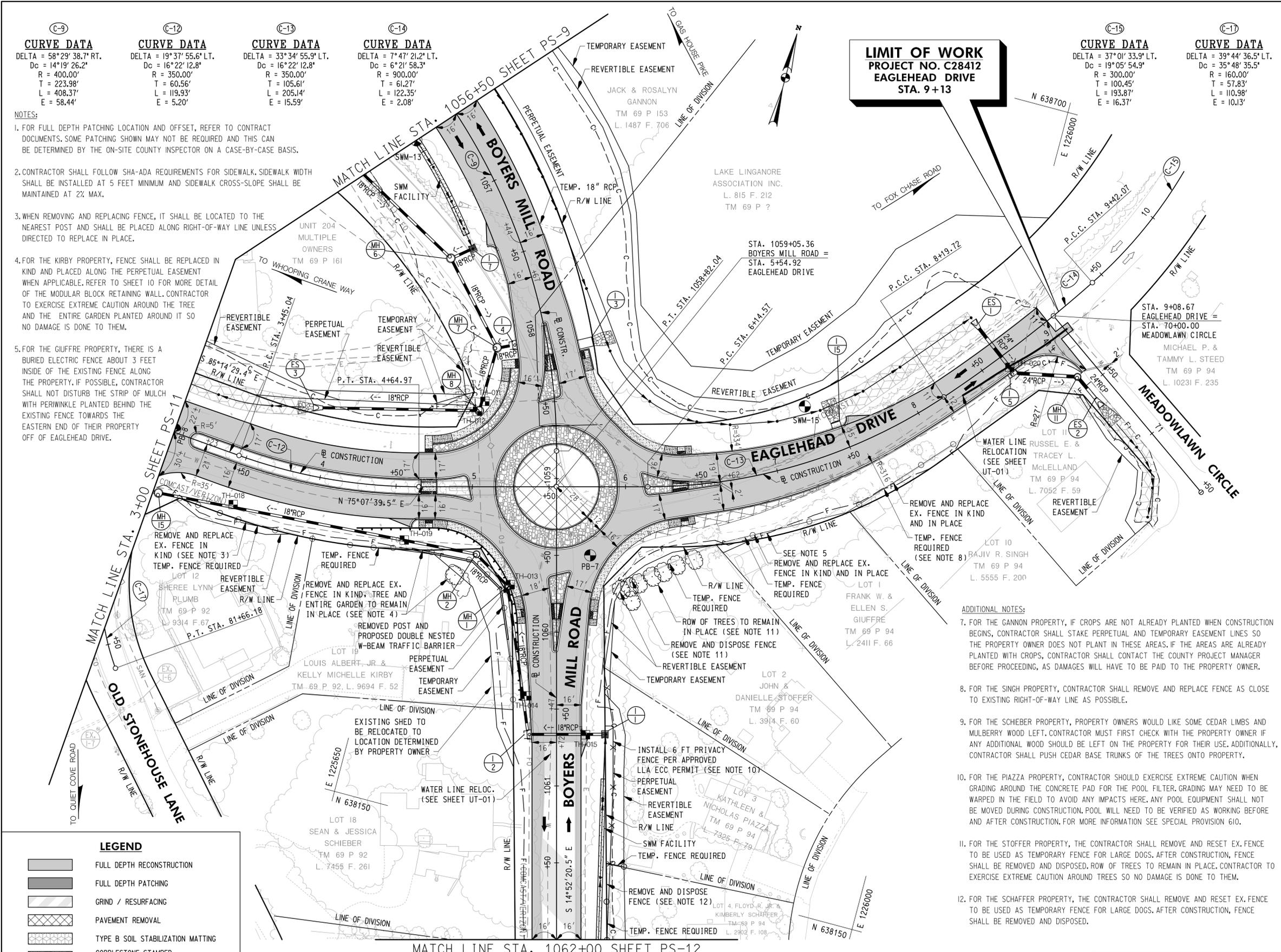
(C-14) CURVE DATA
 DELTA = 7°47' 21.2" LT.
 Dc = 6°21' 58.3"
 R = 900.00'
 T = 61.27'
 L = 122.35'
 E = 2.08'

(C-15) CURVE DATA
 DELTA = 37°01' 33.9" LT.
 Dc = 19°05' 54.9"
 R = 300.00'
 T = 100.45'
 L = 193.87'
 E = 16.37'

(C-17) CURVE DATA
 DELTA = 39°44' 36.5" LT.
 Dc = 35°48' 35.5"
 R = 160.00'
 T = 57.83'
 L = 110.98'
 E = 10.13'

- NOTES:**
- FOR FULL DEPTH PATCHING LOCATION AND OFFSET, REFER TO CONTRACT 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.
 - CONTRACTOR SHALL FOLLOW SHA-ADA REQUIREMENTS FOR SIDEWALK. SIDEWALK WIDTH SHALL BE INSTALLED AT 5 FEET MINIMUM AND SIDEWALK CROSS-SLOPE SHALL BE MAINTAINED AT 2% MAX.
 - WHEN REMOVING AND REPLACING FENCE, IT SHALL BE LOCATED TO THE NEAREST POST AND SHALL BE PLACED ALONG RIGHT-OF-WAY LINE UNLESS DIRECTED TO REPLACE IN PLACE.
 - FOR THE KIRBY PROPERTY, FENCE SHALL BE REPLACED IN KIND AND PLACED ALONG THE PERPETUAL EASEMENT WHEN APPLICABLE. REFER TO SHEET 10 FOR MORE DETAIL OF THE MODULAR BLOCK RETAINING WALL. CONTRACTOR TO EXERCISE EXTREME CAUTION AROUND THE TREE AND THE ENTIRE GARDEN PLANTED AROUND IT SO NO DAMAGE IS DONE TO THEM.
 - FOR THE GIUFFRE PROPERTY, THERE IS A BURIED ELECTRIC FENCE ABOUT 3 FEET INSIDE OF THE EXISTING FENCE ALONG THE PROPERTY. IF POSSIBLE, CONTRACTOR SHALL NOT DISTURB THE STRIP OF MULCH WITH PERIWINKLE PLANTED BEHIND THE EXISTING FENCE TOWARDS THE EASTERN END OF THEIR PROPERTY OFF OF EAGLEHEAD DRIVE.

LIMIT OF WORK
PROJECT NO. C28412
EAGLEHEAD DRIVE
STA. 9+13



SIDE DITCH/SWM BIO-SWALE STAKEOUT

REFERENCE STATION	OFFSET	INVERT ELEVATION
1056+50	29.7' LT.	400.92
1056+75	29.7' LT.	399.31
1057+00	29.7' LT.	398.00
1057+25	29.7' LT.	397.01
1057+50	29.9' LT.	396.32
1057+75	31.7' LT.	395.94
1058+00	35.1' LT.	395.73
1058+25	40.6' LT.	395.51
1058+50	57.0' LT.	395.22
6+00	71.0' LT.	395.37
6+25	50.6' LT.	394.95
6+50	40.8' LT.	394.35
6+75	35.6' LT.	393.54
7+00	32.1' LT.	392.53
7+25	29.9' LT.	391.31
7+50	29.0' LT.	389.87
7+75	29.6' LT.	388.28
8+00	31.5' LT.	386.85
8+25	32.4' LT.	385.81
8+50	32.3' LT.	385.15
8+75	25.6' LT.	386.45

SIDE DITCH/SWM BIO-SWALE STAKEOUT

REFERENCE STATION	OFFSET	INVERT ELEVATION
1056+50	31.0' RT.	400.45
1056+75	31.0' RT.	398.64
1057+00	31.0' RT.	397.72
1057+25	31.0' RT.	396.79
1057+38	31.0' RT.	396.31

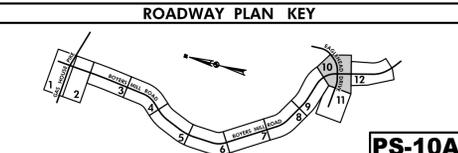
SIDE DITCH/SWM BIO-SWALE STAKEOUT

REFERENCE STATION	OFFSET	INVERT ELEVATION
3+00	33.3' LT.	386.15
3+25	32.9' LT.	386.47
3+50	36.2' LT.	388.09
3+75	41.9' LT.	390.63
3+79	42.7' LT.	390.65

SIDE DITCH/SWM BIO-SWALE STAKEOUT

REFERENCE STATION	OFFSET	INVERT ELEVATION
1060+69	31.4' LT.	393.50
1060+75	31.2' LT.	393.43
1061+00	30.5' LT.	394.13
1061+25	29.7' LT.	394.83
1061+50	28.9' LT.	395.53
1061+75	28.2' LT.	396.23
1062+00	27.4' LT.	396.93

- ADDITIONAL NOTES:**
- 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.
 - FOR ROUNDABOUT INFORMATION, SEE SHEET SHEET ID-1.
 - FOR TREE PROTECTION FENCE (TPF) LOCATIONS, SEE EROSION AND SEDIMENT CONTROL SHEETS EP(A)-09 THROUGH EP(5)-12.

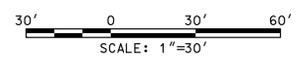


LEGEND

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

SOIL BORING DATA

ID	STATION	OFFSET	ELEV.	NORTHING	EASTING
PB-7	BOYERS MILL 1059+00	22' LT.	395.64	638,341.3233	1,225,772.1477
PB-8	EAGLEHEAD 3+00	2' LT.	387.49	638,350.9462	1,225,488.8896
SWM-13	BOYERS MILL 1056+50	31' RT.	414.20	638,573.1230	1,225,592.9898
SWM-15	EAGLEHEAD 7+31	35' LT.	393.86	638,471.0086	1,225,882.8701



- ADDITIONAL NOTES:**
- 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.
 - FOR THE SINGH PROPERTY, CONTRACTOR SHALL REMOVE AND REPLACE FENCE AS CLOSE TO EXISTING RIGHT-OF-WAY LINE AS POSSIBLE.
 - FOR THE SCHEIBER PROPERTY, PROPERTY OWNERS WOULD LIKE SOME CEDAR LIMBS AND MULBERRY WOOD LEFT. CONTRACTOR MUST FIRST CHECK WITH THE PROPERTY OWNER IF ANY ADDITIONAL WOOD SHOULD BE LEFT ON THE PROPERTY FOR THEIR USE. ADDITIONALLY, CONTRACTOR SHALL PUSH CEDAR BASE TRUNKS OF THE TREES ONTO PROPERTY.
 - FOR THE PIAZZA PROPERTY, CONTRACTOR SHOULD EXERCISE EXTREME CAUTION WHEN GRADING AROUND THE CONCRETE PAD FOR THE POOL FILTER. GRADING MAY NEED TO BE WARPED IN THE FIELD TO AVOID ANY IMPACTS HERE. ANY POOL EQUIPMENT SHALL NOT BE MOVED DURING CONSTRUCTION. POOL WILL NEED TO BE VERIFIED AS WORKING BEFORE AND AFTER CONSTRUCTION. FOR MORE INFORMATION SEE SPECIAL PROVISION 610.
 - FOR THE STOFFER PROPERTY, THE CONTRACTOR SHALL REMOVE AND RESET EX. FENCE TO BE USED AS TEMPORARY FENCE FOR LARGE DOGS. AFTER CONSTRUCTION, FENCE SHALL BE REMOVED AND DISPOSED. ROW OF TREES TO REMAIN IN PLACE. CONTRACTOR TO EXERCISE EXTREME CAUTION AROUND TREES SO NO DAMAGE IS DONE TO THEM.
 - FOR THE SCHAFFER PROPERTY, THE CONTRACTOR SHALL REMOVE AND RESET EX. FENCE TO BE USED AS TEMPORARY FENCE FOR LARGE DOGS. AFTER CONSTRUCTION, FENCE SHALL BE REMOVED AND DISPOSED.

WALLACE MONTGOMERY
 ENGINEERS-PLANNERS-SURVEYORS-CONSTRUCTION MANAGERS
 10150 York Road, Suite 200
 Hunt Valley, Maryland 21030
 410.494.9093 Tel / 410.667.0925 Fax
 www.WallaceMontgomery.com
 A Limited Liability Partnership

CROSS REFERENCE

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

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. 25 OF 132

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