

MISS UTILITY

THE CONTRACTOR SHALL CALL "MISS UTILITY" AT 1-800-257-7777, 48 HOURS PRIOR TO THE START OF WORK. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL UNDERGROUND UTILITIES IN THE AREA OF PROPOSED WORK ARE LOCATED PRIOR TO COMMENCING CONSTRUCTION WORK. THE CONTRACTOR IS RESPONSIBLE FOR COMPLIANCE WITH REQUIREMENTS OF CHAPTER 36A OF THE MONTGOMERY COUNTY CODE.

THE CONTRACTOR IS ALSO RESPONSIBLE FOR LOCATING ALL PRIVATE UTILITIES (NOT LOCATED BY MISS UTILITY) WITHIN M-NCPPC PROPERTY AT THEIR EXPENSE. ALL UTILITIES SHOWN ON THE PLANS ARE PROVIDED FOR INFORMATION ONLY AND SHALL BE CONSIDERED APPROXIMATE. M-NCPPC SHALL NOT BE RESPONSIBLE FOR LOCATING UNDERGROUND UTILITIES. ANY UTILITIES OR OTHER UNDERGROUND FACILITIES DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED/REPLACED AT THE CONTRACTOR'S SOLE EXPENSE.

**MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION**

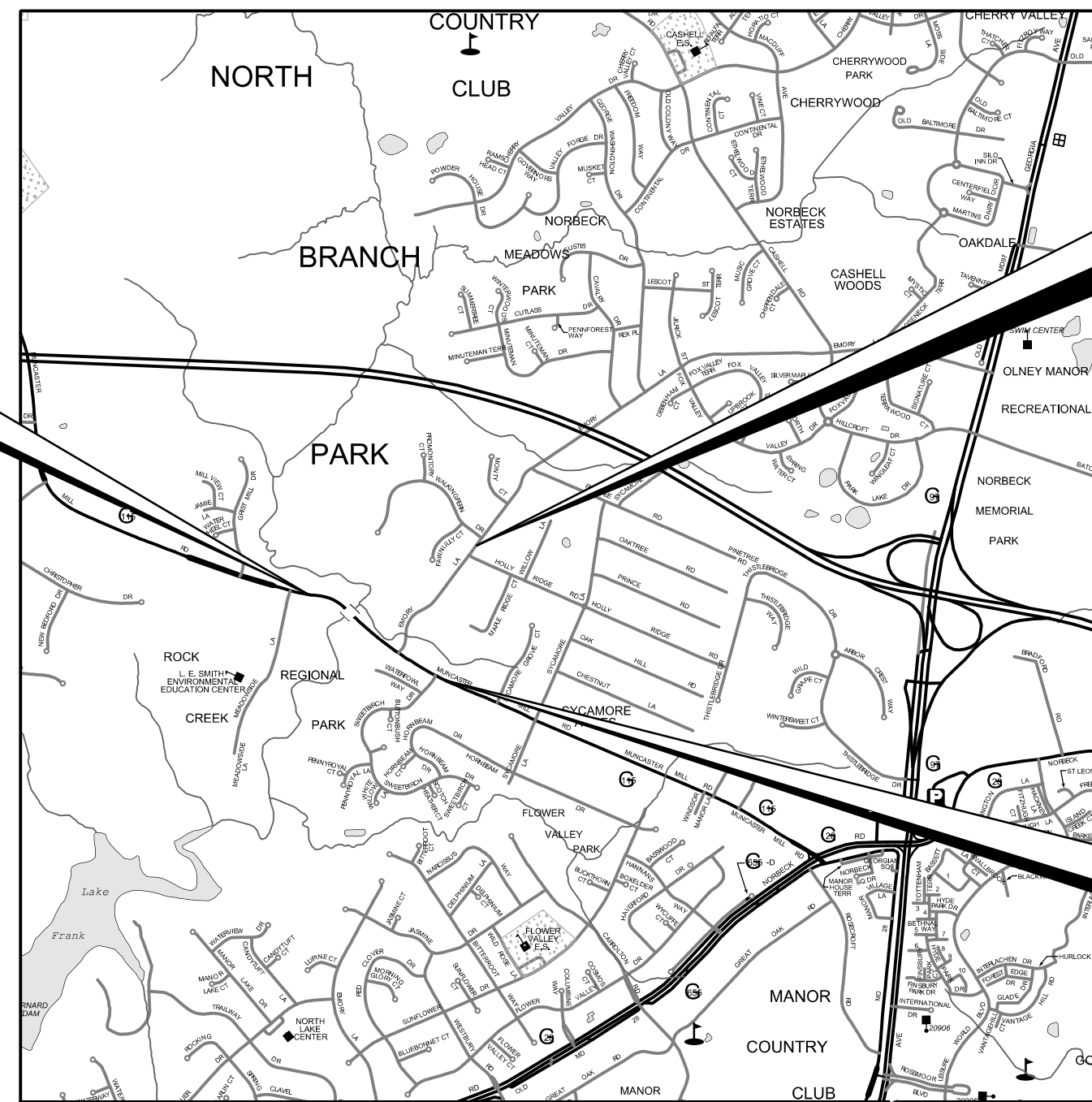
Attachment A

**MUNCASTER MILL ROAD / EMORY LANE
SHARED USE PATH**

C.I.P. CONTRACT NO. 0507596

MONTGOMERY COUNTY DEPARTMENT OF PERMITTING SERVICES APPROVED FOR:		NOTE: MCDPS APPROVAL DOES NOT NEGATE THE NEED OF A MCDPS ACCESS PERMIT
STORMWATER MANAGEMENT	SEDIMENT CONTROL TECHNICAL REQUIREMENTS:	ADMINISTRATIVE REQUIREMENTS:
REVIEWED DATE	REVIEWED DATE	REVIEWED DATE
APPROVED DATE	APPROVED DATE	SEDIMENT CONTROL PERMIT NO.
S.M.FILE NO.		MCDPS APPROVAL OF THIS PLAN WILL EXPIRE ONE YEAR FROM THE DATE OF APPROVAL. IF THE PROJECT HAS NOT STARTED, UNLESS THE PERMIT HAS BEEN EXTENDED.
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.		

**LIMIT OF WORK
MUNCASTER MILL ROAD
STA. 336 + 50.00**



**LIMIT OF WORK
EMORY LANE
STA. 27 + 65.00**

**LIMIT OF WORK
MUNCASTER MILL ROAD
STA. 357 + 70.50**

VICINITY MAP
SCALE: 1" = 2,000'

DPS PERMIT NO. XXXXXX
MONTGOMERY COUNTY, MARYLAND
DEPARTMENT OF PERMITTING SERVICES
FINAL APPROVAL
DATE _____
BY _____

**35% DESIGN REVIEW
JUNE 2018
NOT FOR CONSTRUCTION**

INDEX OF SHEETS

SHEET NO.	DRAWING NO.	SHEET NAME
1	TI-01	TITLE SHEET
2	AB-01	GENERAL NOTES, ABBREVIATIONS AND LEGEND
3	GS-01	GEOMETRY SHEETS
4-6	HT-01 - HT-03	TYPICAL SECTIONS
7-12	PS-01 - PS-06	TRAIL PLANS
13-15	PR-01 - PR-03	TRAIL PROFILE

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:

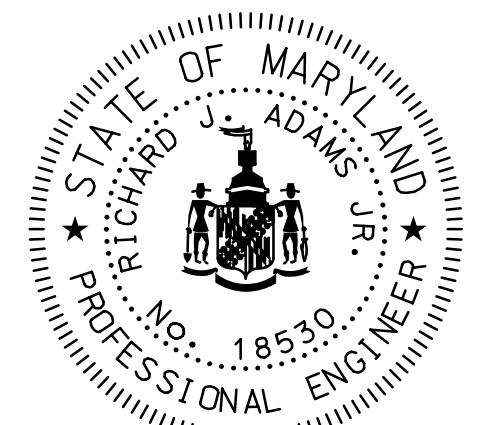
TYPE OF PERMIT	REQ'D	NOT REQ'D	PERMIT NO.	EXPIRATION DATE	WORK RESTRICTION DATES
MCDPS Floodplain district		X			
WATERWAYS/WETLAND(S)					
a. Corps of Engineers	X				
b. MDE	X				
c. MDE Water Quality Certification	X				
MDE Dam Safety		X			
Montgomery County/DNR Roadside Tree Care Blanket Permit	X				
Montgomery County Roadside Tree Protection Law Approval		X			
NPDES NOTICE OF INTENT	X				
OTHERS (Please List):	X				
MNCPPC Park Construction Permit		X			
WSSC	X				
Montgomery County Tree Canopy Construction Law Approval	X				

DESIGN DESIGNATION

ROADWAY	MUNCASTER MILL RD		EMORY LANE	
ROADWAY LENGTH (MILES)	0.40		0.33	
CONTROLS YEARS	2017	2030	2017	2030
AVERAGE DAILY TRAFFIC (A.D.T.)	XX	XX	XX	XX
DESIGN HOURLY VOLUME (D.H.V.)	X%	X%	X%	X%
DIRECTIONAL DISTRIBUTION	X%	X%	X%	X%
% TRUCKS (A.D.T.)	-	-	-	-
% TRUCKS (D.H.V.)	-	-	-	-
FUNCTIONAL CLASSIFICATION	ARTERIAL		ARTERIAL	
CONTROL OF ACCESS	NONE		NONE	
INTENSITY OF DEVELOPMENT	SUBURBAN		SUBURBAN	
TERRAIN	ROLLING		ROLLING	
DESIGN SPEED (M. P. H.)	40 MPH		30 MPH	
ANTICIPATED POSTED SPEED (M. P. H.)	40 MPH		30 MPH	

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PROFESSIONAL CERTIFICATION. I HEREBY CERTIFY THAT THESE DOCUMENTS WERE APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSION ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.
LICENSE NO. 18530
EXPIRATION DATE: 12/15/19



OWNER/ADDRESS:
MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
100 EDISON PARK DRIVE
GAITHERSBURG, MARYLAND

CONTACT:
DIVISION OF TRANSPORTATION
ENGINEERING
240-777-7220
DESIGN SECTION
240-777-7221

NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
ROCKVILLE, MARYLAND

RECOMMENDED FOR APPROVAL
Chief, Transportation Planning and Design Section _____ Date _____
APPROVED
Chief, Division of Transportation Engineering _____ Date _____

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION

**MUNCASTER MILL ROAD / EMORY LANE
SHARED USE PATH**

TITLE SHEET

DESIGNED BY _____ COUNTY MONTGOMERY
DRAWN BY _____ LOGMILE _____
CHECKED BY _____ SCALE 1"=2000'
F.A.P. NO. _____ DATE _____

DRAWING NO. _____ OF _____ SHEET NO. 1 OF 15

ABBREVIATIONS

AASHTO American Association of State Highway Transportation Officials	HDWL..... Headwall	RW or RW... Right of Way
ADT.....Average Daily Traffic	HERCP.....Horizontal Elliptical Reinforced Concrete Pipe	RCP Reinforced Concrete Pipe
AHD.....Ahead	HP.....High Point	RCPP Reinforced Concrete Pressure Pipe
APPROX.....Approximate	IN.....Inch	R.Q.D. Rock Quality Designation
BL or BL.....Baseline	I.S.T.....Inlet Sediment Trap	R.M. Rootmat
BKBack /Book	INV.....Invert	S South
BIT.Bituminous	J.B.....Junction Box	SAN. Sanitary Sewer
B.C.....Bituminous Concrete	KK Inlet	SB or SB Southbound
B.M.....Bench Mark	LLength	S.D. Storm Drain
BOT.....Bottom	LFLinear Feet	S.D.D. Surface Drain Ditch
C.C.....Center of Curve	L.L.....Liquid Limit	SE Super Elevation
CAP.....Corrugated Aluminum Pipe	LPLow Point	SF Silt Fence
CAPA.....Corrugated Aluminum Pipe Arch	L.P.....Light Pole	SF Square Feet
CATVCable Television	LT.....Left	SHT. Sheet
C.B.R.....California Bearing Ratio	MAC.....Macadam	SPP Structural Steel Plate Pipe
CL or CL.....Centerline	M.C.....Moisture Content	SPPA Structural Steel Plate Pipe Arch
CLClass	MAX. Maximum	S.P.T.....Standard Penetration Testing
CLF.....Chainlink Fence	M.D.D.....Maximum Dry Content	SRP Steel Spiral Rib Pipe – Aluminized Type 2
CMP.....Corrugated Metal Pipe	MOD.....Modified	SRPA Steel Spiral Rib Pipe Arch – Aluminized Type 2
C.O.....Cleanout	MIN.....Minimum	SSD Stopping Sight Distance
COMB.....Combination	N.....North	SSF Super Silt Fence
CONC.Concrete	NBNorthbound	STD. Standard
CONSTR.Construction	NENortheast	STA. Station
COR.Corner	N.P.Non-Plastic	SO. Single Opening
CORR.Correction	O.C.On Center	SY Square Yards
CPP-SCorrugated Polyethylene Pipe – Type 'S'	OHEOverhead Electric	SWM Stormwater Management
CSPCorrugated Steel Pipe – Aluminized Type 2	O.M.Optimum Moisture	T Tangent
CSPACorrugated Steel Pipe Arch – Aluminized Type 2	PAV T.....Pavement	T Telephone
DC.....Degree of Curve	PCPoint of Curvature	T.C. Top of Cover
D.H.V.....Design Hourly Volume	PCCPoint of Compound Curvature	T.G. Top of Grate
D.I.....Drop Inlet	PCPoint of Crown	T or TL Traverse Line
DIA.....Diameter	P.GEProfile Grade Elevation	T.M. Top of Manhole
D.O.....Double Opening	P.G.E.....Profile Ground Elevation	TRAV. Traverse
EEast	P.G.L.....Profile Grade Line	TS Temporary Swale
EElectric	P.GL.....Profile Ground Line	T.S. Top of Slab
EExternal Distance	P.RPoint of Rotation	T.S. Topsoil
EAEach	P.IPlasticity Index	TYP. Typical
EBEastbound	PIPoint of Intersection	U.D. Under Drain
ELEVElevation	POCPoint On Curve	U.G. Underground
ESEnd Section	POTPoint On Tangent	U.P. Utility Pole
EX or EXIST. Existing	PPWPPolyvinyl Chloride Profile Wall Pipe	USDA United States Department of Agriculture
FTFeet	PROPProposed	VCL Vertical Clearance
F or FLFlowline	PRCPoint of Reverse Curve	V.C.L..... Vertical Curve Length
F.B.D.Flat Bottom Ditch	PTPoint	WWater
F.H.....Fire Hydrant	PTPoint of Tangency	WWest
FWD.....Forward	PVCPoint of Vertical Curve	WBWestbound
GGas	PVCPolyvinyl Chloride	WBWetland Buffer
G.V.....Gas Valve	PVIPoint of Vertical Intersection	W.M. Water Meter
H.B.....Handbox	PVRCPoint of Vertical Reverse Curve	W.S. Wrapped Steel
HDPEHigh Density Polyethylene	PVTPoint of Vertical Tangency	WUSWaters of the United States
	RRadius	W.V. Water Valve
	R.F.Rock Fragments	
	RTRight	

LEGEND

PROPOSED MEDIAN BARRIER		PROPOSED PIPE /CULVERT	
ELECTRICAL HAND BOX - SIGNALS		EXISTING PIPE /CULVERT	
FLOW LINE		EXISTING DROP INLET	
STATE, COUNTY OR CITY LINES		UTILITY POLE	
PROPOSED TRAFFIC BARRIER		WETLAND	
EXISTING TRAFFIC BARRIER		WETLAND BUFFER	
PROPOSED FENCE LINE		WATERS OF THE U.S.	
EXISTING FENCE LINE		100 YEAR FLOODPLAIN	
RIGHT OF WAY LINE		HEDGE /TREE LINE	
EXISTING ROADWAY		BUSH /TREE	
RAILROAD		CONIFEROUS TREE	
BASE LINE OR SURVEY LINE		GROUND ELEVATION	
FIRE HYDRANT		GRADE ELEVATION	
HISTORIC BOUNDARY			
WETLAND BOUNDARY			

GENERAL NOTES

- RIGHT OF WAY LINES ARE SHOWN FOR ASSISTANCE IN INTERPRETING PLANS. THESE LINES DO NOT REPRESENT THE OFFICIAL PROPERTY ACQUISITION LINES.
- INFORMATION CONCERNING UNDERGROUND UTILITIES WAS OBTAINED FROM AVAILABLE RECORDS, BUT THE CONTRACTOR MUST DETERMINE THE EXACT LOCATION AND ELEVATIONS OF THE MAINS BY DIGGING TEST HOLES BY HAND AT ALL UTILITY CROSSINGS, WELL IN ADVANCE OF TRENCHING. IF CLEARANCE IS LESS THAN TWELVE (12) INCHES, THEN CONTACT THE MONTGOMERY COUNTY DOT PROJECT MANAGER AND THE APPROPRIATE UTILITY BEFORE PROCEEDING WITH CONSTRUCTION.
- THE CONTRACTOR SHALL CALL "MISS UTILITY" AT LEAST 48 HOURS IN ADVANCE OF ANY EXCAVATION WORK AT 1-800-257-7777.
- REPAIRS TO UTILITIES OR PROPERTY DAMAGED AS A RESULT OF THE CONTRACTOR'S NEGLIGENCE OR METHOD OF OPERATION MUST BE MADE AT THE CONTRACTOR'S EXPENSE BEFORE PROCEEDING WITH CONSTRUCTION.
- SAW CUTS WILL NOT BE MEASURED BUT WILL BE INCIDENTAL TO OTHER RELATED ITEMS AS SPECIFIED IN THE CONTRACT DOCUMENTS.
- ALL WORK ON THIS PROJECT SHALL CONFORM TO THE 2017 MDSA STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MATERIALS, REVISIONS THEREOF OR ADDITIONS THERETO, THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS, AND THE LATEST VERSION OF THE MARYLAND MUTCD.
- PAVEMENT RESURFACING SHALL BE COMPLETED WITHIN FOURTEEN (14) CALENDAR DAYS AFTER FINE MILLING. FINE MILLING OPERATIONS SHALL NOT BEGIN UNLESS THERE IS A SUFFICIENT TIME TO RESURFACE THE ROADWAY BEFORE COLD WEATHER.

OWNER/ADDRESS:
 MONTGOMERY COUNTY
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 100 EDISON PARK DRIVE
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CONTACT:
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 240-777-7220
 DESIGN SECTION
 240-777-7221

MONTGOMERY COUNTY
 DEPARTMENT OF TRANSPORTATION
 ROCKVILLE, MARYLAND

RECOMMENDED FOR APPROVAL

Chief, Transportation Planning and Design Section _____ Date _____

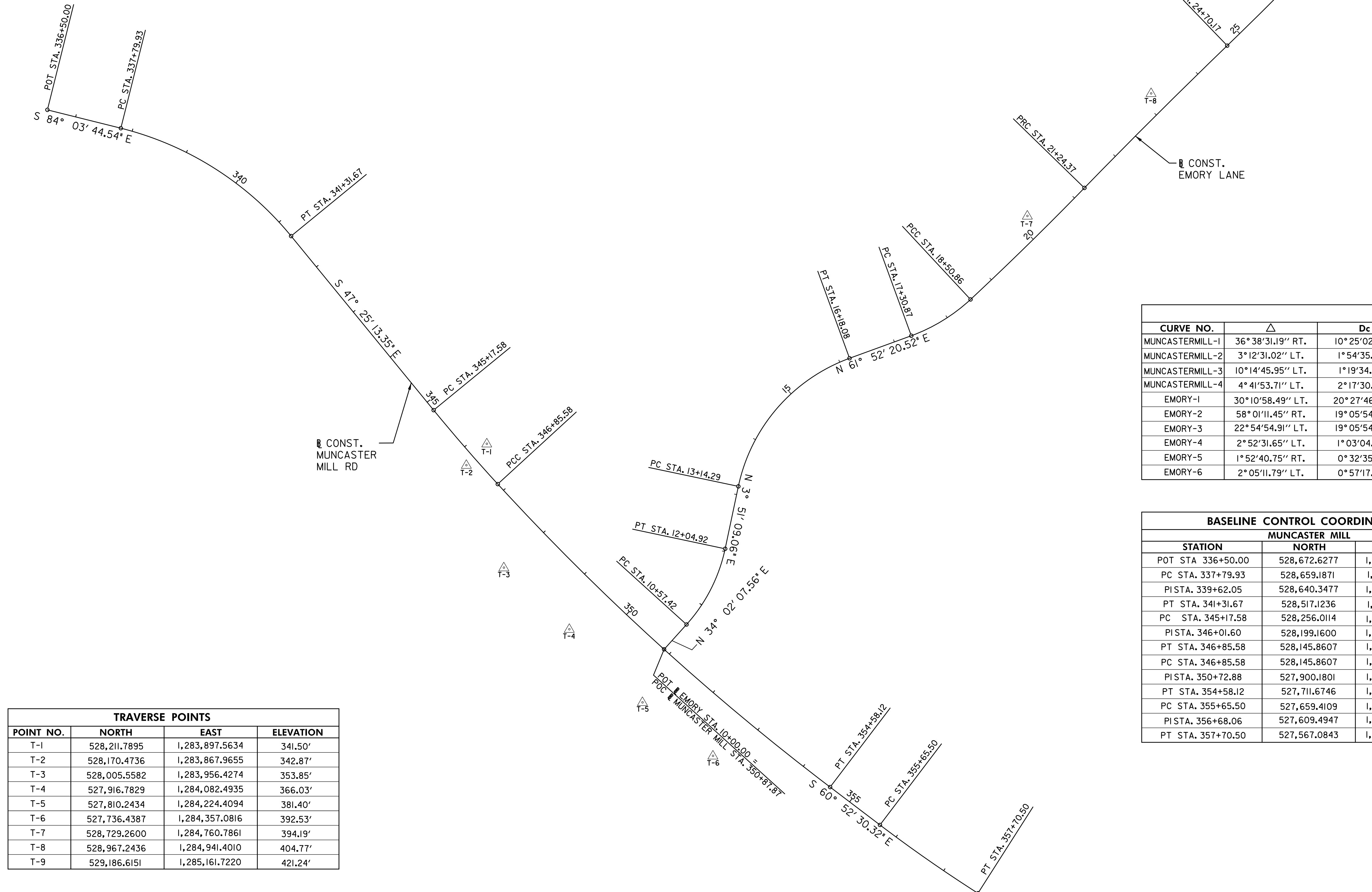
APPROVED

Chief, Division of Transportation Engineering _____ Date _____

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION	
MUNCASTER MILL ROAD / EMORY LANE SHARED USE PATH	
GENERAL NOTES, ABBREVIATIONS AND LEGEND	
DESIGNED BY _____	COUNTY _____ MONTGOMERY
DRAWN BY _____	LOGMILE _____
CHECKED BY _____	SCALE _____
F.A.P. NO. _____	DATE _____
DRAWING NO. AB-01 OF 01	SHEET NO. 2 OF 15

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TRAVERSE POINTS			
POINT NO.	NORTH	EAST	ELEVATION
T-1	528,211.7895	1,283,897.5634	341.50'
T-2	528,170.4736	1,283,867.9655	342.87'
T-3	528,005.5582	1,283,956.4274	353.85'
T-4	527,916.7829	1,284,082.4935	366.03'
T-5	527,810.2434	1,284,224.4094	381.40'
T-6	527,736.4387	1,284,357.0816	392.53'
T-7	528,729.2600	1,284,760.7861	394.19'
T-8	528,967.2436	1,284,941.4010	404.77'
T-9	529,186.6151	1,285,161.7220	421.24'

CURVE DATA						
CURVE NO.	Δ	Dc	R	T	L	E
MUNCASTERMILL-1	36° 38' 31.19" RT.	10° 25' 02.69"	550.00'	182.12'	351.74'	29.37'
MUNCASTERMILL-2	3° 12' 31.02" LT.	1° 54' 35.49"	3,000.00'	84.02'	168.00'	1.18'
MUNCASTERMILL-3	10° 14' 45.95" LT.	1° 19' 34.65"	4,320.00'	387.30'	772.54'	17.33'
MUNCASTERMILL-4	4° 41' 53.71" LT.	2° 17' 30.59"	2,500.00'	102.56'	205.00'	2.10'
EMORY-1	30° 10' 58.49" LT.	20° 27' 46.00"	280.00'	75.51'	147.50'	10.00'
EMORY-2	58° 01' 11.45" RT.	19° 05' 54.94"	300.00'	166.36'	303.79'	43.04'
EMORY-3	22° 54' 54.91" LT.	19° 05' 54.94"	300.00'	60.80'	119.98'	6.10'
EMORY-4	2° 52' 31.65" LT.	1° 03' 04.68"	5,450.00'	136.79'	273.52'	1.72'
EMORY-5	1° 52' 40.75" RT.	0° 32' 35.12"	10,550.00'	172.91'	345.80'	1.42'
EMORY-6	2° 05' 11.79" LT.	0° 57' 17.75"	6,000.00'	109.27'	218.51'	0.99'

BASELINE CONTROL COORDINATES		
MUNCASTER MILL		
STATION	NORTH	EAST
POT STA. 336+50.00	528,672.6277	1,283,070.3936
PC STA. 337+79.93	528,659.1871	1,283,199.6258
PI STA. 339+62.05	528,640.3477	1,283,380.7675
PT STA. 341+31.67	528,517.1236	1,283,514.8684
PC STA. 345+17.58	528,256.0114	1,283,799.0285
PI STA. 346+01.60	528,199.1600	1,283,860.8980
PT STA. 346+85.58	528,145.8607	1,283,925.8527
PC STA. 346+85.58	528,145.8607	1,283,925.8527
PI STA. 350+72.88	527,900.1801	1,284,225.2579
PT STA. 354+58.12	527,711.6746	1,284,563.5892
PC STA. 355+65.50	527,659.4109	1,284,657.3924
PI STA. 356+68.06	527,609.4947	1,284,746.9826
PT STA. 357+70.50	527,567.0843	1,284,840.3603

BASELINE CONTROL COORDINATES		
EMORY		
STATION	NORTH	EAST
POT STA. 10+00.00	527,905.5090	1,284,248.2714
PC STA. 10+57.42	527,953.0895	1,284,280.4076
PI STA. 11+32.92	528,015.6598	1,284,322.6682
PT STA. 12+04.92	528,090.9942	1,284,327.7412
PC STA. 13+14.29	528,200.1164	1,284,335.0896
PI STA. 14+80.65	528,366.1012	1,284,346.2671
PT STA. 16+18.08	528,444.5298	1,284,492.9805
PC STA. 17+30.87	528,497.7056	1,284,592.4545
PI STA. 17+91.68	528,526.3712	1,284,646.0781
PT STA. 18+50.86	528,573.6540	1,284,684.3084
PC STA. 18+50.86	528,573.6540	1,284,684.3084
PI STA. 19+87.64	528,680.0212	1,284,770.3111
PT STA. 21+24.37	528,790.5689	1,284,850.8697
PC STA. 21+24.37	528,790.5689	1,284,850.8697
PI STA. 22+97.29	528,930.3146	1,284,952.7054
PT STA. 24+70.17	529,066.6479	1,285,059.0662
PC STA. 24+70.17	529,066.6479	1,285,059.0662
PI STA. 25+79.44	529,152.7986	1,285,126.2768
PT STA. 26+88.68	529,241.3394	1,285,190.3061
POT STA. 27+65.00	529,303.1831	1,285,235.0291

OWNER/ADDRESS:
 MONTGOMERY COUNTY
 DEPARTMENT OF TRANSPORTATION
 100 EDISON PARK DRIVE
 GAITHERSBURG, MARYLAND

CONTACT:
 DIVISION OF TRANSPORTATION
 ENGINEERING
 240-777-7220
 DESIGN SECTION
 240-777-7221

MONTGOMERY COUNTY
 DEPARTMENT OF TRANSPORTATION
 ROCKVILLE, MARYLAND

RECOMMENDED FOR APPROVAL

Chief, Transportation Planning and Design Section _____ Date _____

APPROVED

Chief, Division of Transportation Engineering _____ Date _____

MONTGOMERY COUNTY
 DEPARTMENT OF TRANSPORTATION

MUNCASTER MILL ROAD / EMORY LANE
 SHARED USE PATH

GEOMETRY SHEET

DESIGNED BY: JCW COUNTY: MONTGOMERY
 DRAWN BY: JPS LOGMILE: _____
 CHECKED BY: JOH SCALE: 1"=100'
 F.A.P. NO. _____ DATE: MAY 2018

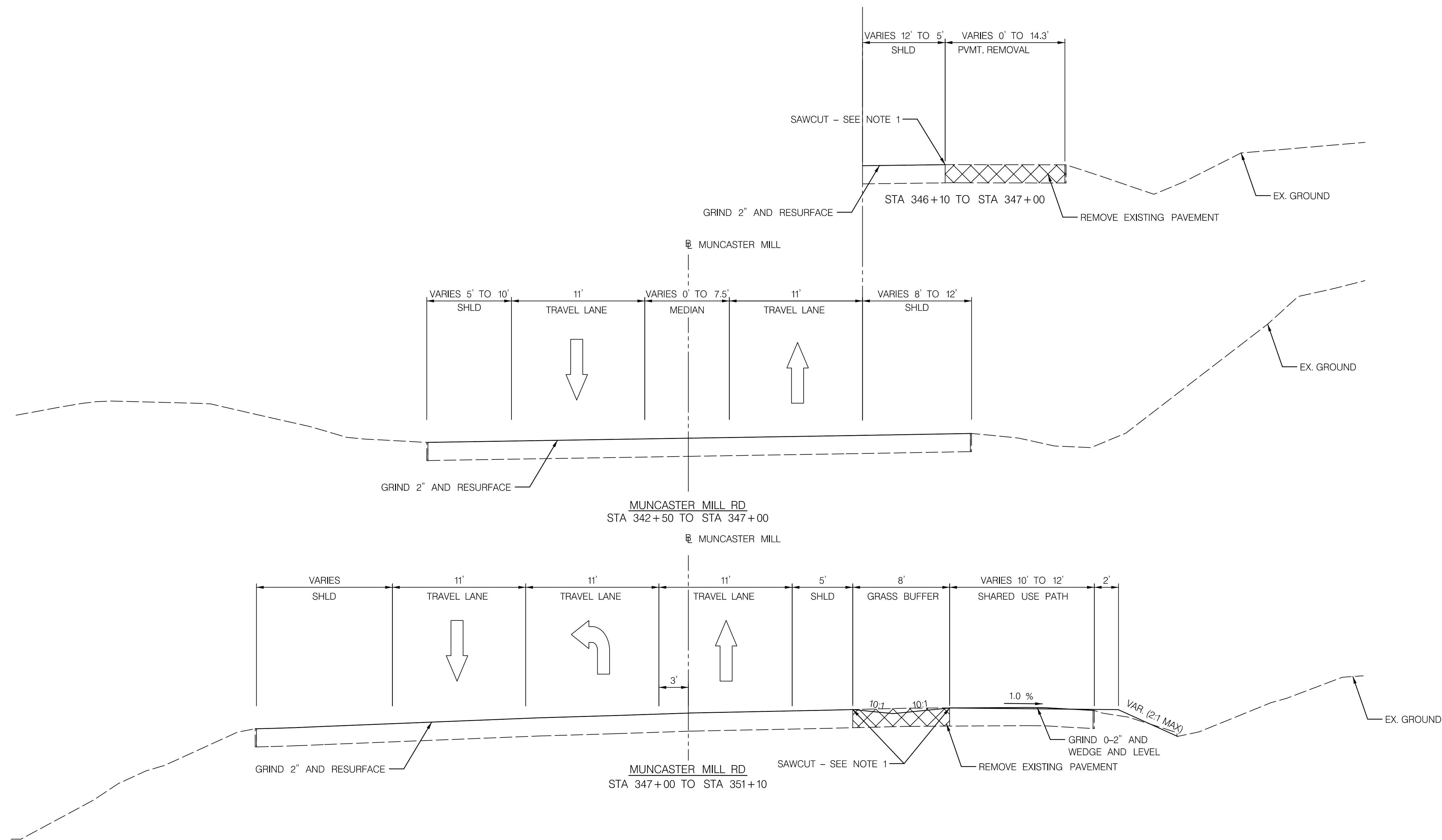
DRAWING NO. GS-01 OF 01 SHEET NO. 3 OF 15

Rummel, Klepper & Kahl, LLP
 700 EAST PRATT STREET, SUITE 500 | BALTIMORE, MD 21202
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NOTES

- 1. SAW CUTS ARE INCIDENTAL TO THE EXCAVATION ITEM



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MONTGOMERY COUNTY
 DEPARTMENT OF TRANSPORTATION
 ROCKVILLE, MARYLAND

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 APPROVED
 Chief, Division of Transportation Engineering _____ Date _____

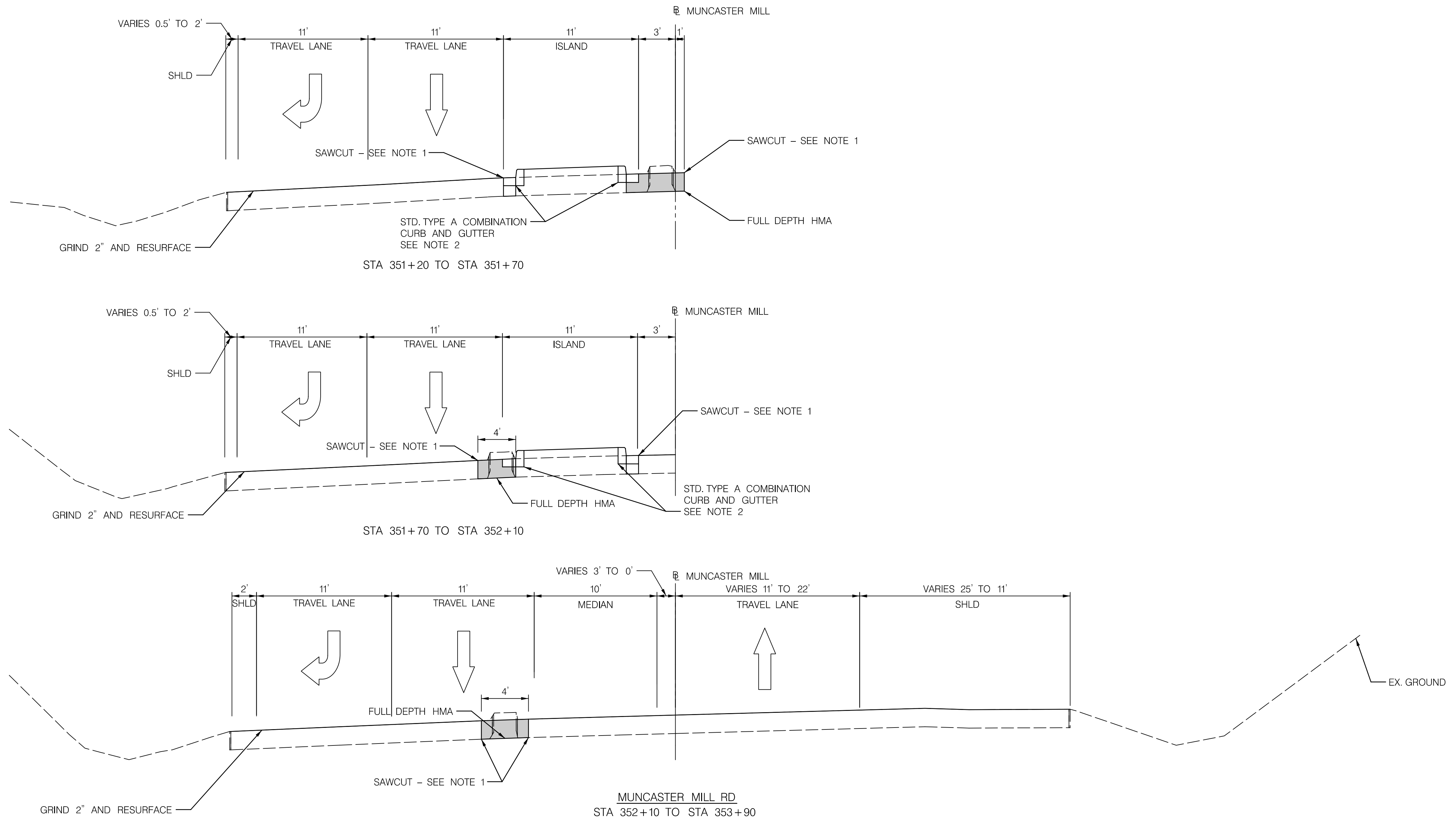
MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION			
MUNCASTER MILL ROAD / EMORY LANE SHARED USE PATH			
TYPICAL SECTIONS			
DESIGNED BY _____	COUNTY _____	MONTGOMERY	
DRAWN BY _____	LOGMILE _____		
CHECKED BY _____	SCALE _____	1"=5'	
F.A.P. NO. _____	DATE _____	MAY 2018	
DRAWING NO. HT-01	OF 03	SHEET NO. 4	OF 15

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NOTES

1. SAW CUTS ARE INCIDENTAL TO THE EXCAVATION ITEM
2. MDSHA STD. TYPE A COMBINATION CONCRETE CURB AND GUTTER STD. NO. MD 620.02



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 100 EDISON PARK DRIVE
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NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
 DEPARTMENT OF TRANSPORTATION
 ROCKVILLE, MARYLAND

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Chief, Transportation Planning and Design Section _____ Date _____

APPROVED

Chief, Division of Transportation Engineering _____ Date _____

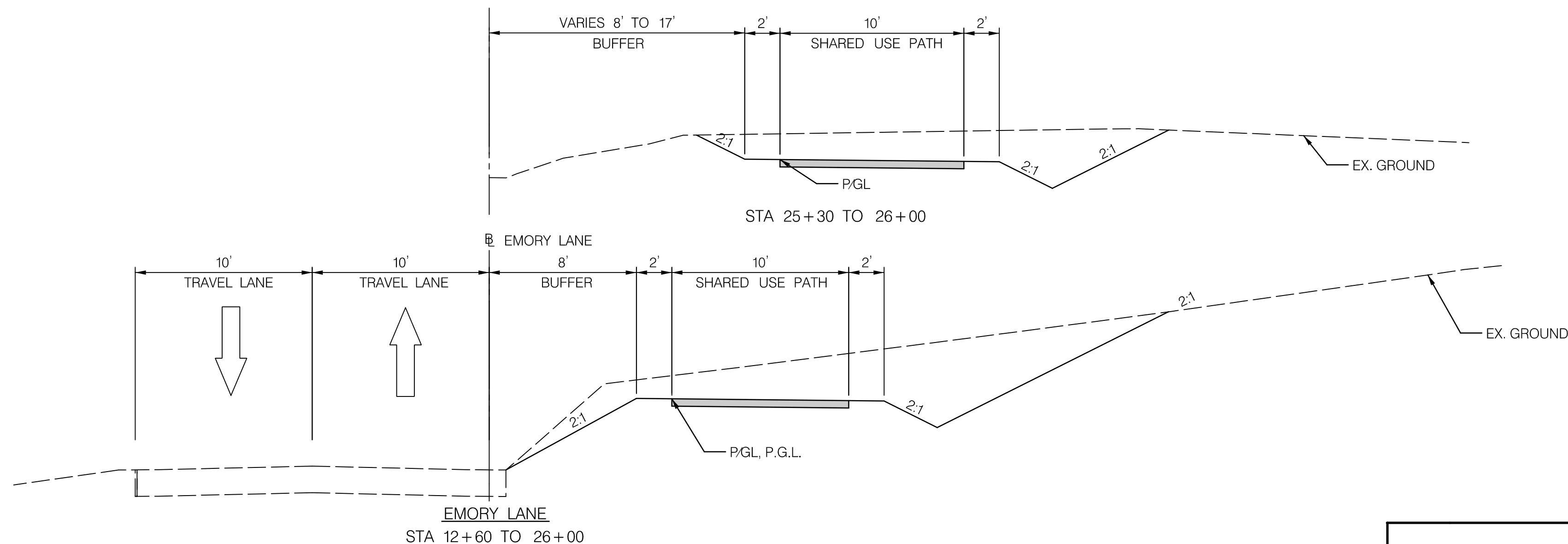
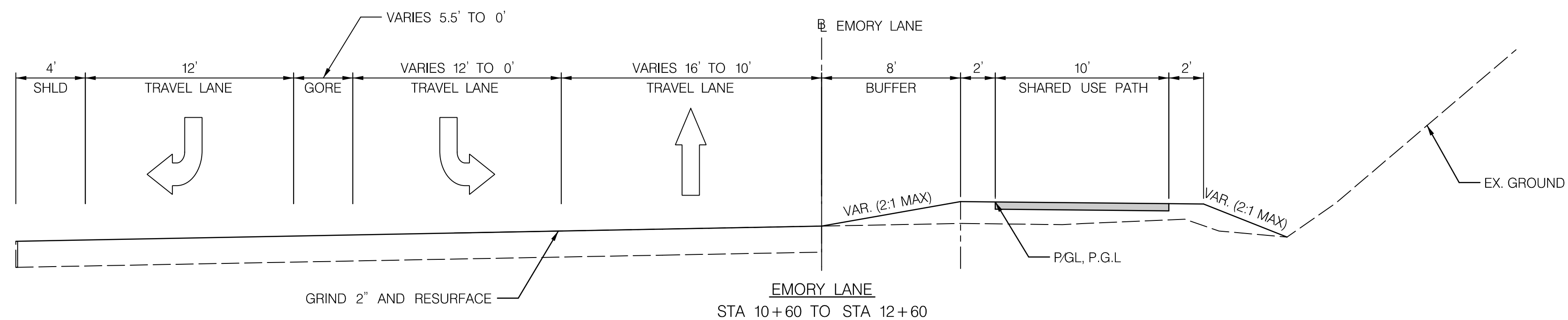
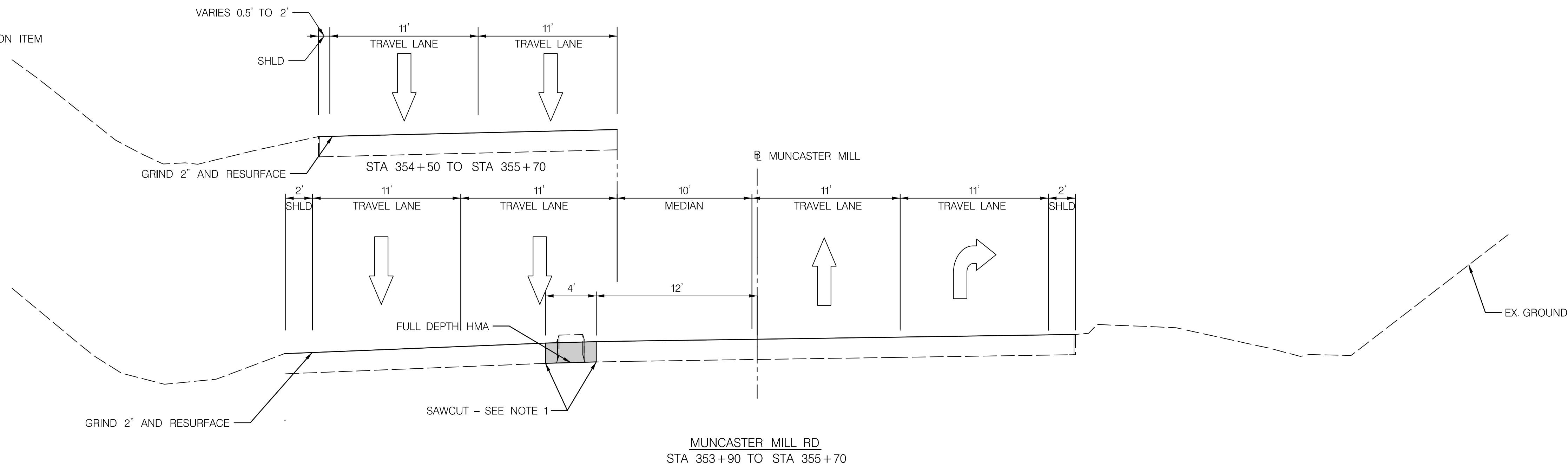
MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION			
MUNCASTER MILL ROAD / EMORY LANE SHARED USE PATH			
TYPICAL SECTIONS			
DESIGNED BY _____	COUNTY	MONTGOMERY	
DRAWN BY _____	LOGMILE	_____	
CHECKED BY _____	SCALE	1"=5'	
F.A.P. NO. _____	DATE	MAY 2018	
DRAWING NO. HT-02 OF 03	SHEET NO. 5 OF 15		

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- 1. SAW CUTS ARE INCIDENTAL TO THE EXCAVATION ITEM



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Chief, Transportation Planning and Design Section _____ Date _____

APPROVED

Chief, Division of Transportation Engineering _____ Date _____

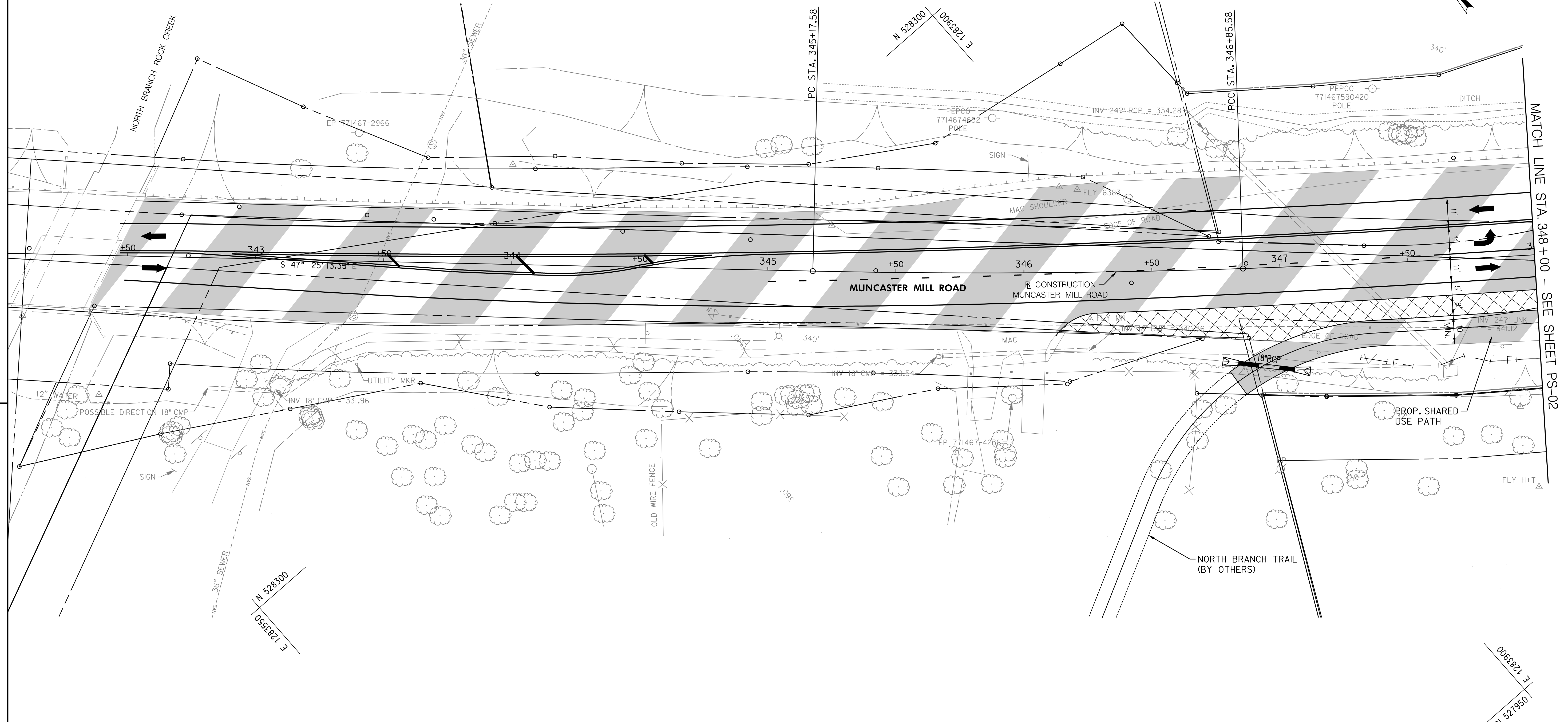
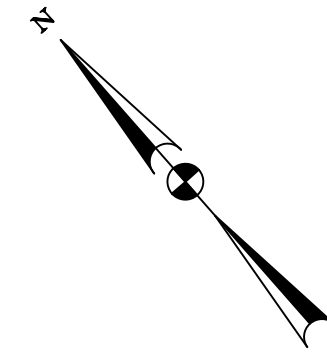
MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION	
MUNCASTER MILL ROAD / EMORY LANE SHARED USE PATH	
TYPICAL SECTIONS	
DESIGNED BY _____	COUNTY MONTGOMERY
DRAWN BY _____	LOGMILE _____
CHECKED BY _____	SCALE 1"=5'
F.A.P. NO. _____	DATE MAY 2018
DRAWING NO. HT-03 OF 03	SHEET NO. 6 OF 15

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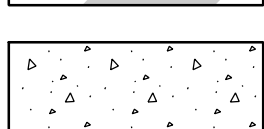
TO AVERY ROAD

TO NORBECK ROAD



MATCH LINE STA. 348+00 - SEE SHEET PS-02

PAVING LEGEND

-  HMA SHARED USE PATH
-  FULL DEPTH HMA
-  GRINDING AND RESURFACING
-  CONC. SIDEWALK / DRIVEWAY APRON

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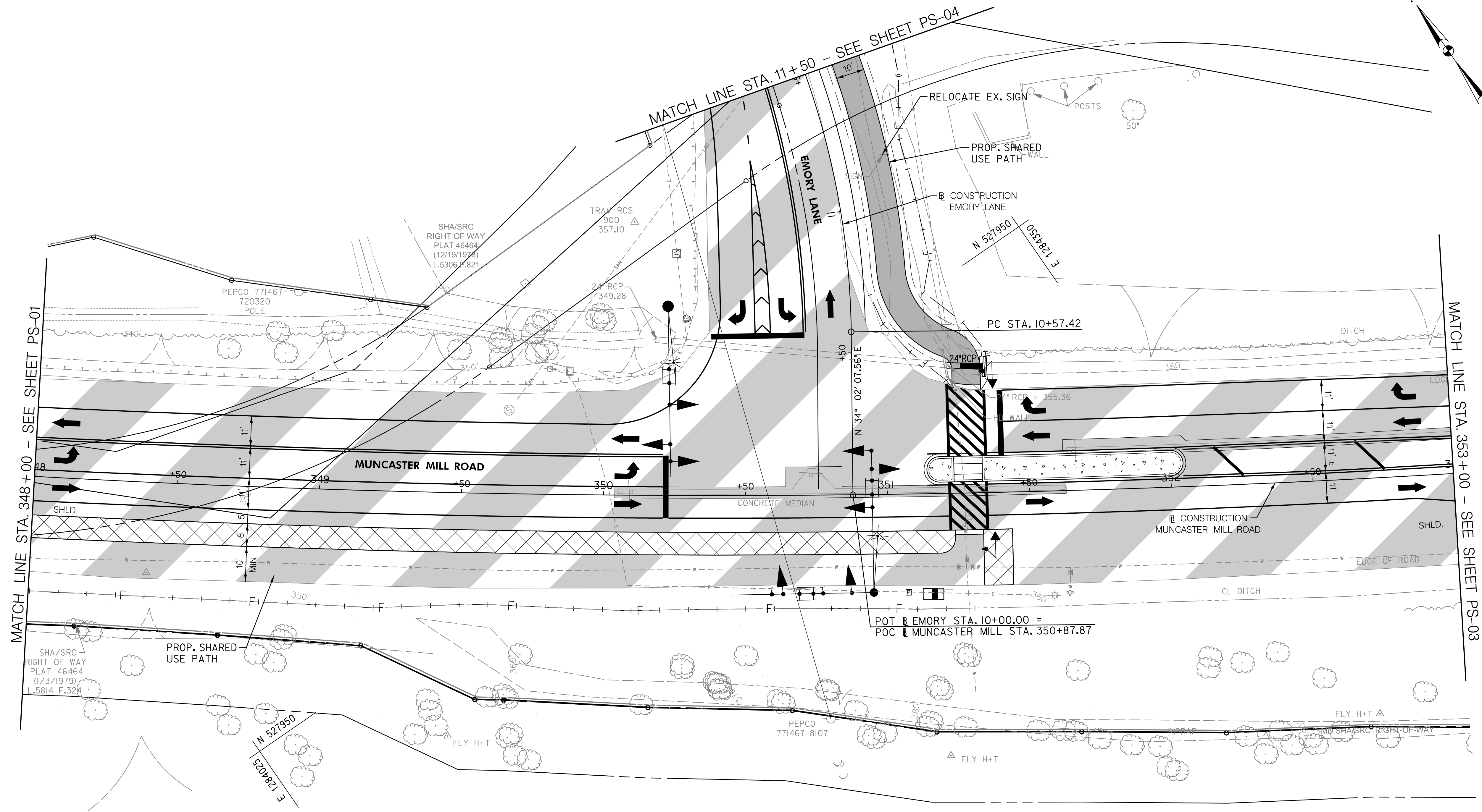
RECOMMENDED FOR APPROVAL
 Chief, Transportation Planning and Design Section _____ Date _____

APPROVED
 Chief, Division of Transportation Engineering _____ Date _____

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION			
MUNCASTER MILL ROAD / EMORY LANE SHARED USE PATH			
TRAIL PLAN			
DESIGNED BY _____	COUNTY _____	MONTGOMERY	
DRAWN BY _____	LOGMILE _____		
CHECKED BY _____	SCALE _____	1"=20'	
F.A.P. NO. _____	DATE _____	MAY 2018	
DRAWING NO. _____	PS-01 OF 06	SHEET NO. 7 OF 15	

TO AVERY ROAD

TO NORBECK ROAD




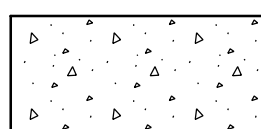


MATCH LINE STA. 348+00 - SEE SHEET PS-01

MATCH LINE STA. 353+00 - SEE SHEET PS-03

MATCH LINE STA. 11+50 - SEE SHEET PS-04

PAVING LEGEND

-  HMA SHARED USE PATH
-  FULL DEPTH HMA
-  GRINDING AND RESURFACING
-  CONC. SIDEWALK / DRIVEWAY APRON

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RECOMMENDED FOR APPROVAL
 Chief, Transportation Planning and Design Section _____ Date _____
 APPROVED
 Chief, Division of Transportation Engineering _____ Date _____

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION	
MUNCASTER MILL ROAD / EMORY LANE SHARED USE PATH	
TRAIL PLAN	
DESIGNED BY _____	COUNTY MONTGOMERY
DRAWN BY _____	LOGMILE _____
CHECKED BY _____	SCALE 1"=20'
F.A.P. NO. _____	DATE MAY 2018
DRAWING NO. PS-02 OF 06	SHEET NO. 8 OF 15

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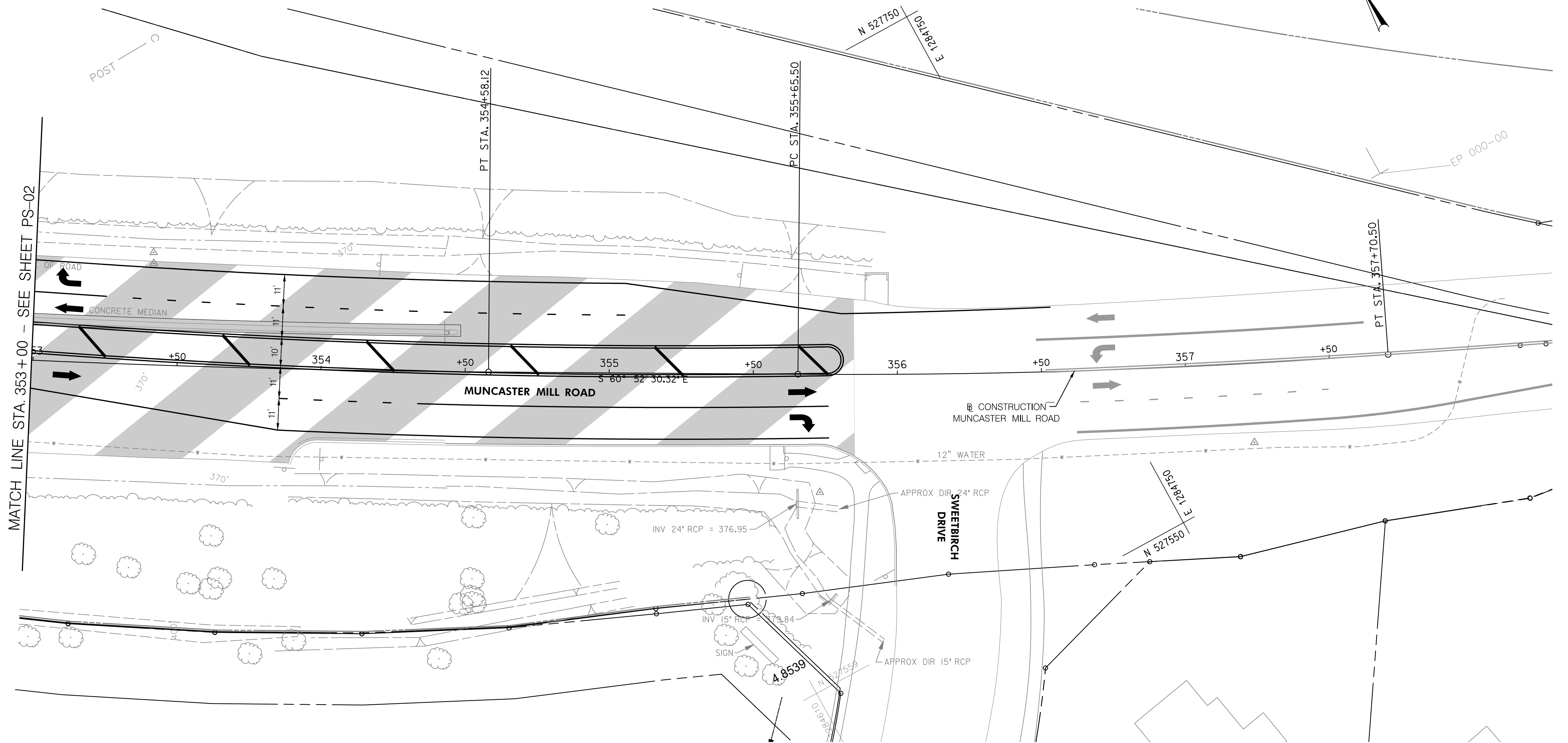
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PLOTTED: Friday, June 01, 2018 AT 02:25 PM
 FILE: \\calv44\2013\2013\13184_MCDOT\Task 33_Emory Lane SUP\CADD\Plans\ghd-P002_EmoryLn.dgn

TO AVERY ROAD

TO NORBECK ROAD



PAVING LEGEND

-  HMA SHARED USE PATH
-  FULL DEPTH HMA
-  GRINDING AND RESURFACING
-  CONC. SIDEWALK / DRIVEWAY APRON

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 Chief, Transportation Planning and Design Section _____ Date _____

APPROVED
 Chief, Division of Transportation Engineering _____ Date _____

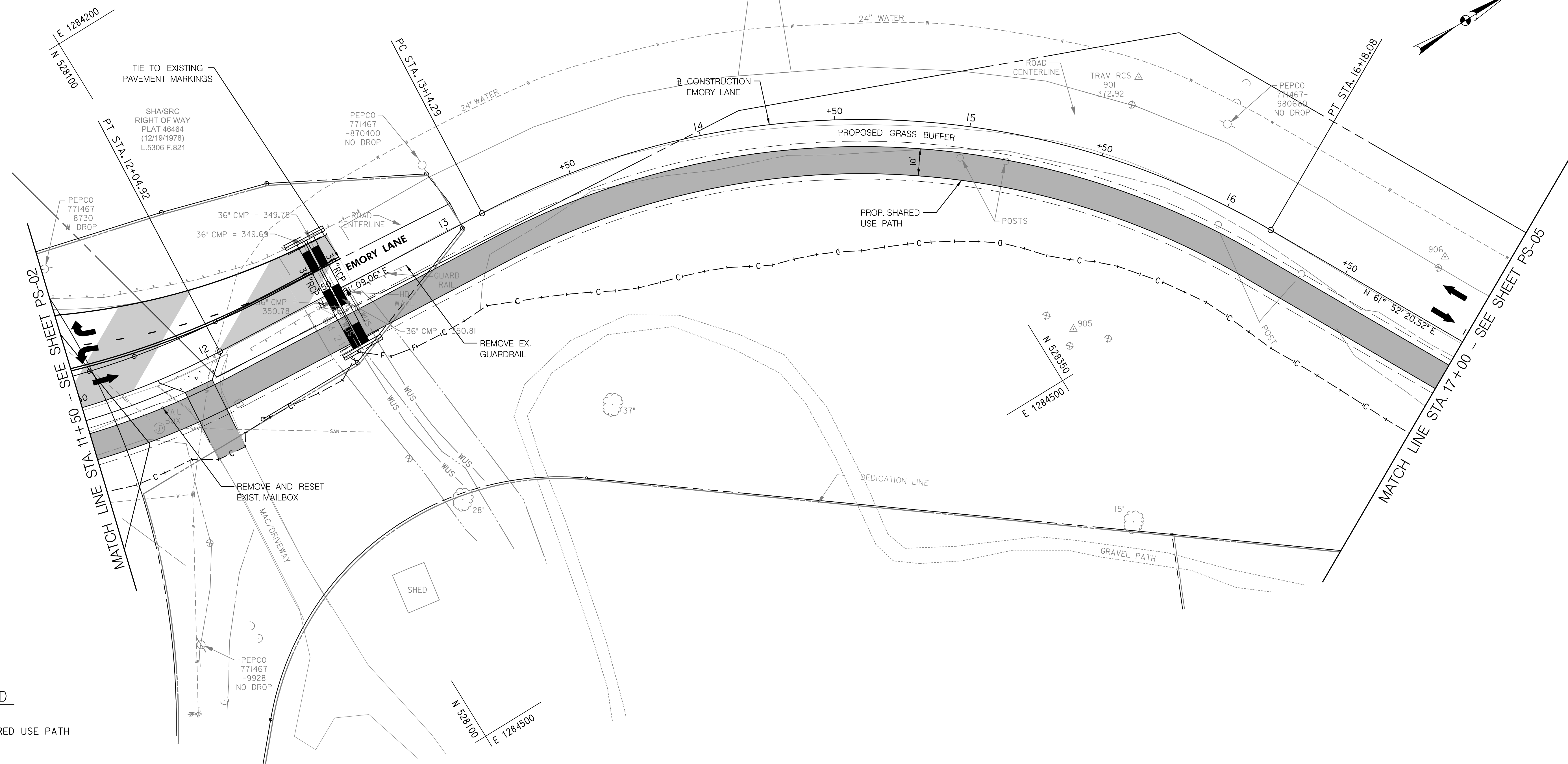
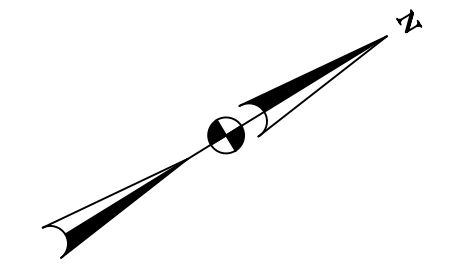
MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION	
MUNCASTER MILL ROAD / EMORY LANE SHARED USE PATH	
TRAIL PLAN	
DESIGNED BY: J.C.W.	COUNTY: MONTGOMERY
DRAWN BY: J.P.S.	LOGMILE: _____
CHECKED BY: J.O.H.	SCALE: 1"=20'
F.A.P. NO. _____	DATE: MAY 2018
DRAWING NO. PS-03 OF 06	SHEET NO. 9 OF 15

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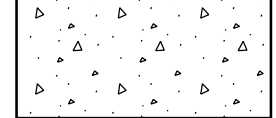
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TO MUNCASTER MILL ROAD

TO GEORGIA AVENUE



PAVING LEGEND

-  HMA SHARED USE PATH
-  FULL DEPTH HMA
-  GRINDING AND RESURFACING
-  CONC. SIDEWALK / DRIVEWAY APRON

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 Chief, Transportation Planning and Design Section _____ Date _____

APPROVED
 Chief, Division of Transportation Engineering _____ Date _____

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION	
MUNCASTER MILL ROAD / EMORY LANE SHARED USE PATH	
TRAIL PLAN	
DESIGNED BY: JCW	COUNTY: MONTGOMERY
DRAWN BY: JPS	LOGMILE: _____
CHECKED BY: JOH	SCALE: 1"=20'
F.A.P. NO. _____	DATE: MAY 2018
DRAWING NO. PS-04 OF 06	SHEET NO. 10 OF 15

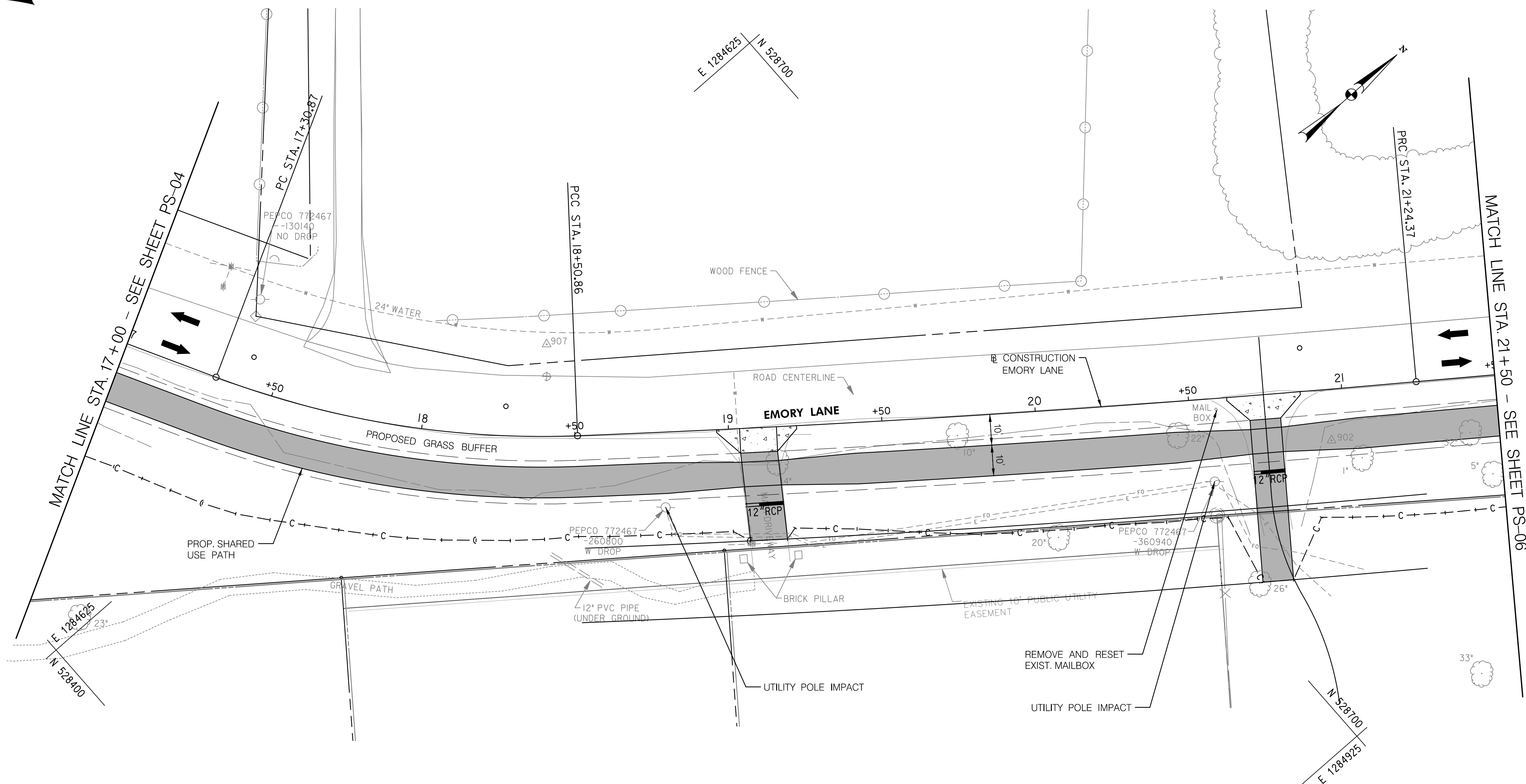


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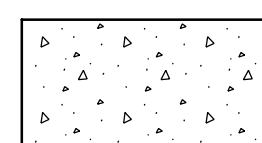
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TO MUNCASTER MILL ROAD

TO GEORGIA AVENUE



PAVING LEGEND

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-  FULL DEPTH HMA
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 Chief, Division of Transportation Engineering _____ Date _____

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION	
MUNCASTER MILL ROAD / EMORY LANE SHARED USE PATH	
TRAIL PLAN	
DESIGNED BY: JCW	COUNTY: MONTGOMERY
DRAWN BY: JPS	LOGMILE: _____
CHECKED BY: JOH	SCALE: 1"=20'
F.A.P. NO. _____	DATE: MAY 2018
DRAWING NO. PS-05 OF 06	SHEET NO. 11 OF 15

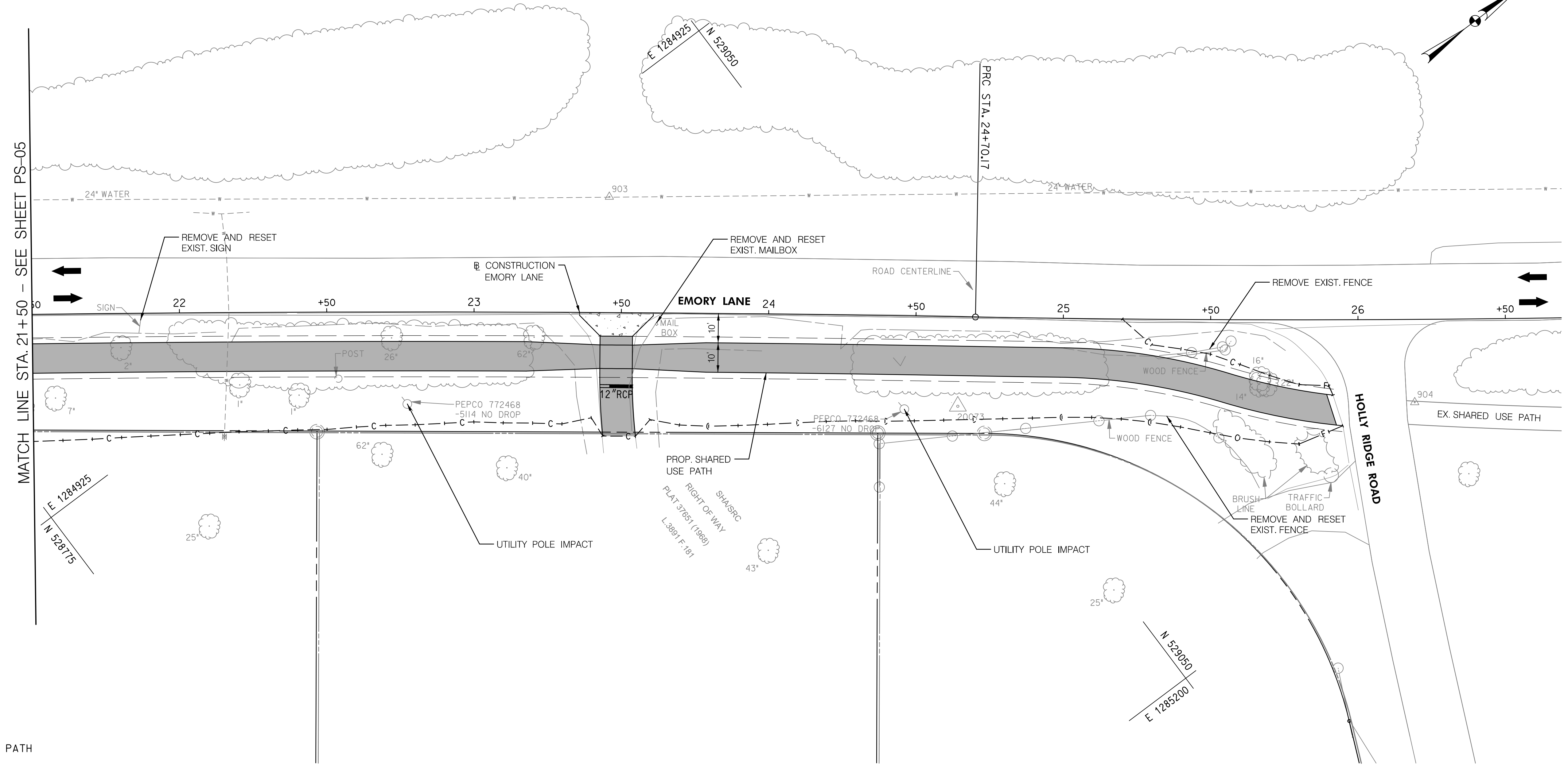


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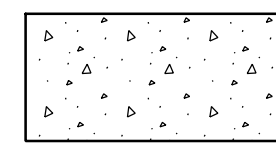
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TO MUNCASTER MILL ROAD

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PAVING LEGEND

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-  GRINDING AND RESURFACING
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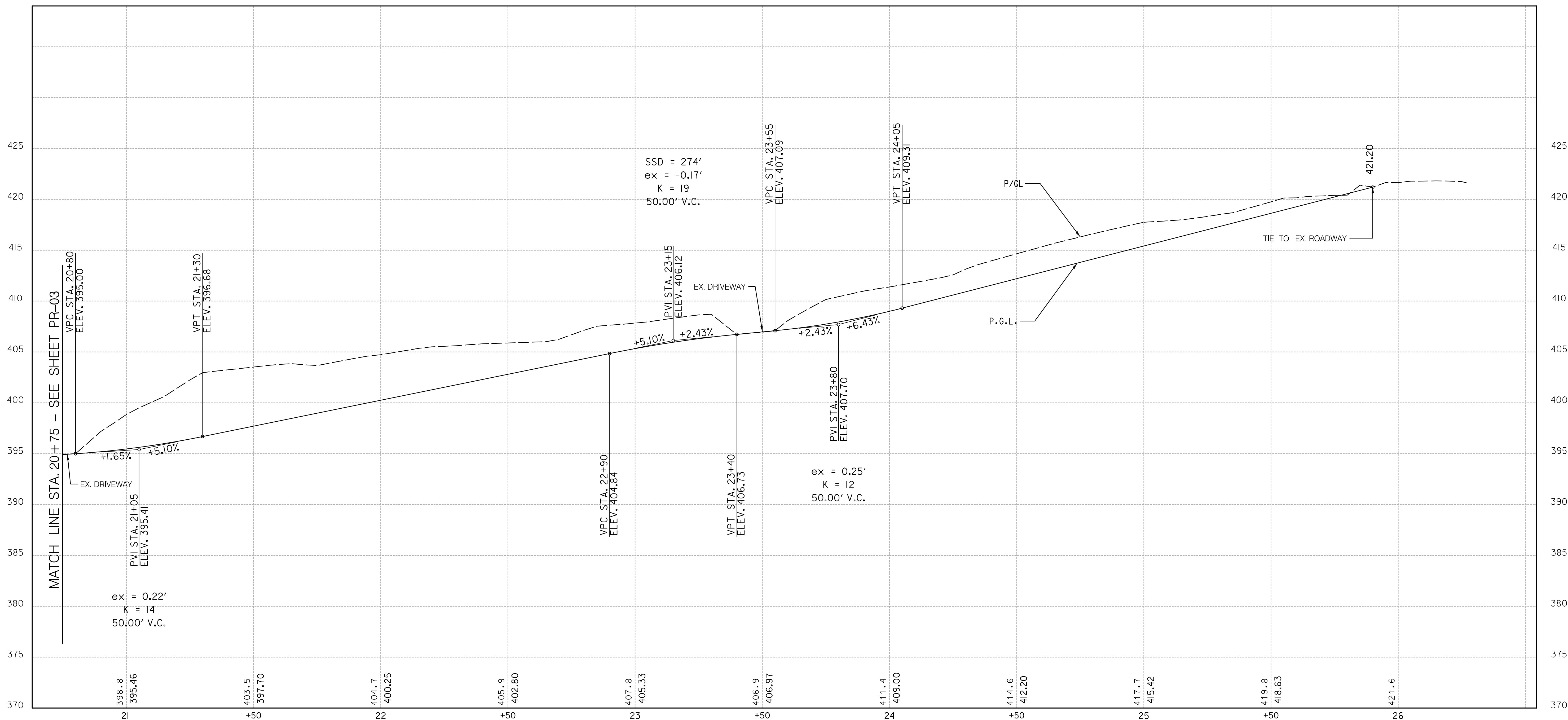
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 Chief, Division of Transportation Engineering _____ Date _____

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION	
MUNCASTER MILL ROAD / EMORY LANE SHARED USE PATH	
TRAIL PLAN	
DESIGNED BY: JCW	COUNTY: MONTGOMERY
DRAWN BY: JPS	LOGMILE: _____
CHECKED BY: JOH	SCALE: 1"=20'
F.A.P. NO. _____	DATE: MAY 2018
DRAWING NO. PS-06 OF 06	SHEET NO. 12 OF 15

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SSD = 274'
 ex = -0.17'
 K = 19
 50.00' V.C.

ex = 0.25'
 K = 12
 50.00' V.C.

+5.10%

+2.43%

+2.43%

+6.43%

MATCH LINE STA. 20+75 - SEE SHEET PR-03

TIE TO EX. ROADWAY

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APPROVED

Chief, Division of Transportation Engineering _____ Date _____

MONTGOMERY COUNTY
 DEPARTMENT OF TRANSPORTATION

MUNCASTER MILL ROAD / EMORY LANE
 SHARED USE PATH

TRAIL PROFILE

DESIGNED BY JCW COUNTY MONTGOMERY

DRAWN BY JPS LOGMILE _____

CHECKED BY JOH SCALE 1"=20'

F.A.P. NO. _____ DATE JULY 2018

DRAWING NO. PR-03 OF 03 SHEET NO. 15 OF 15

