DISTRICT	COUNTY	TOWNSHIP	BOROUGH	ROUTE	SECTION	TOTAL SHEETS
6-0	MONTGOMERY	HATFIELD	-	SR 1004	1	
						10

ECMS NO.118356

HATFIELD TOWNSHIP

DRAWINGS
FOR
SCOPING FIELD VIEW
FOR

LIBERTY BELL SHARED USE PATH

BETWEEN

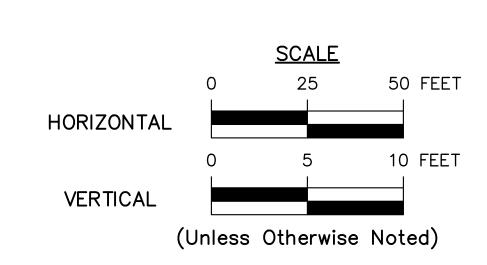
SR 1004 W. ORVILLA ROAD

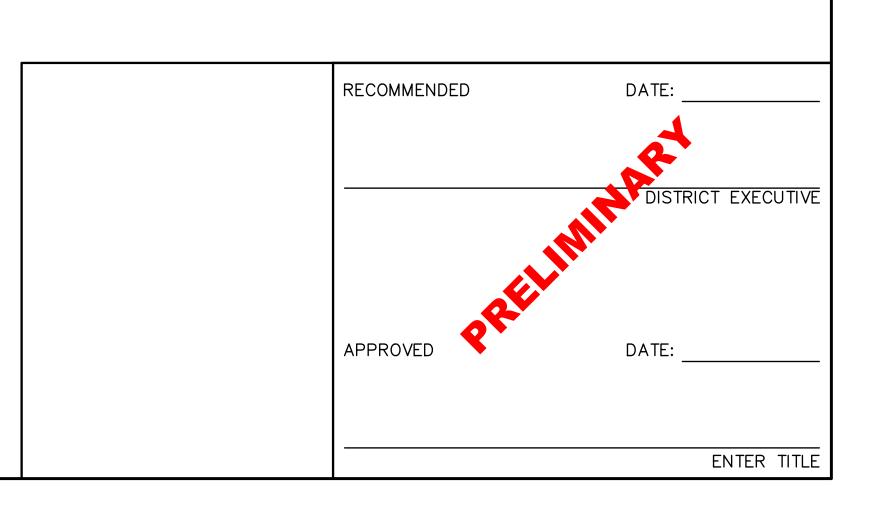
N _____MONTGOMERY

___ COUNTY

FROM SEG <u>0060</u> OFFSET <u>0000</u> TO SEG <u>0060</u> OFFSET <u>0595</u>

W. VINE STREET (TWP)





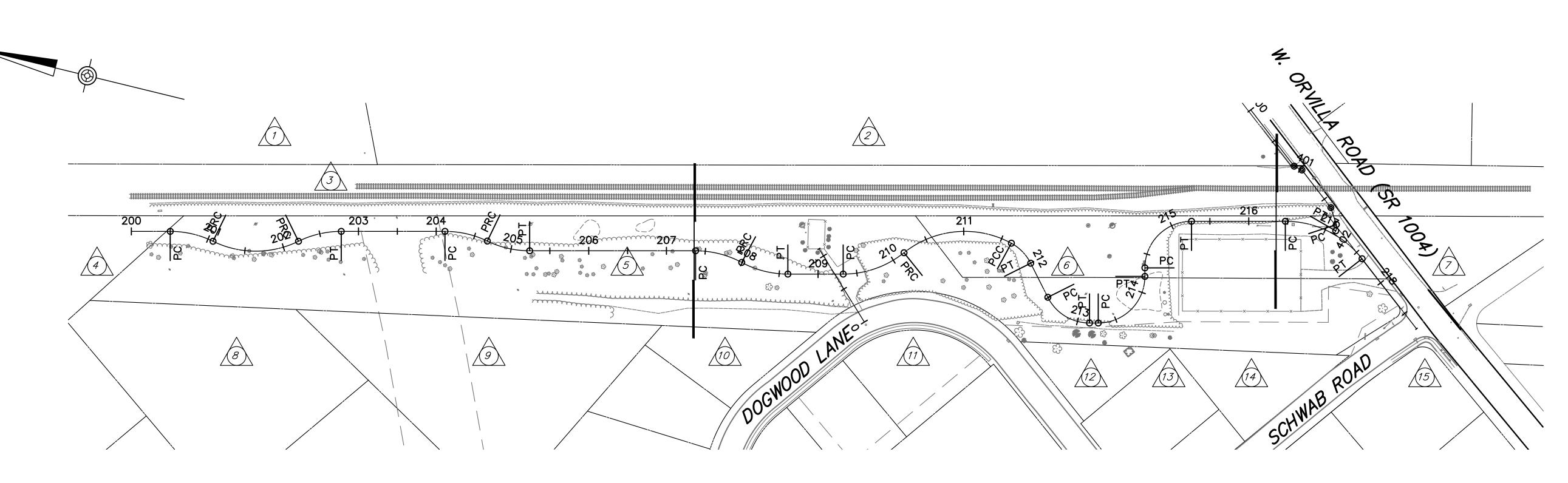
	TABULATION OF F	PROPERTY	OWNERS
PARCEL NO	OWNER	PARCEL NO	OWNER
	MONTGOMERY SQUARE COMMUNITY ASSOCIATION	9	HATFIELD TOWNSHIP
2	TARRINGTON VILLAGE COMMUNITY ASSOCIATION	10	VASNA YORN & PROM YORN
3	SEPTA	77)	DOUGLAS P. & JOAN M. GUEST
4	DIDDEN GEORGE GREENHOUSES INC	12	HANS F. MILLONIG
5	PENN POWER & LIGHT CO EU SERVICES CORP	13	JOHN E. & MARGARET S. DELZOTTO
6	PENN POWER & LIGHT CO EU SERVICES CORP	14	CHRISTOPHER RONALD & SONIA DEBORAH BANCROFT
	LEVAR E. & LUCILLE V. BROOKS	15	AI Q. ZHONG & VAN C. TRUONG
8	HATFIELD TOWNSHIP		

INDEX MAP

DISTRICT	COUNTY	ROUTE	SECTION	SI	SHEET		
6-0	MONTGOMERY	1004	1	2	2 OF 10		
HATFIELD TOWNSHIP							
REVISION NUMBER	REVISIONS				BY		
		_					

SHEET INDEX BLOCK

011221 111027 02001					
<u>DESCRIPTION</u>	<u>SHEET</u>				
TITLE SHEET	1				
INDEX MAP	2				
GENERAL NOTES AND LOCATION MAP	3				
TYPICAL SECTIONS	4				
CONSTRUCTION PLANS	5–7				
PROFILE	8–10				



INDEX MAP

<u>LEGEND</u>

PL

PLAN

#

PROFILE

 \mathscr{J}

PARCEL IDENTIFICATION NUMBER

PARCEL IDENTIFICATION NUMBER - NO TAKE

--- SHEET BREAK

PUBLIC UTILITIES

PENNSYLVANIA ONE CALL SYSTEM, INC. SERIAL NUMBER:

TEXAS EASTERN TRANSMISSION CORP 560 POTTSTOWN PIKE CHESTER SPRINGS, PA 19425 484-356-6557 ATTN: ANDREW HAYES ANDREW.HAYES@ENBRIDGE.COM

HATFIELD TOWNSHIP MUNICIPAL AUTHORITY 3200 ADVANCE LANE COLMAR, PA 18915 215-822-9300 ATTN: DOUG FRANKS DFRANKS@HTMASEWER.COM

NORTH PENN WATER AUTHORITY 300 FORTY FOOT ROAD LANSDALE, PA 19446 ATTN: STEVE FRETZ SFRETZ@NPWA.ORG

PPL ELECTRIC UTILITIES CORPORATION 503 NEW MARKET STREET WILKES BARRE, PA 18702 610-782-5813 ATTN: RANDY MESSENLEHNER RMESSENLEHNER@PPLWEB.COM

PECO ENERGY — GAS 300 FRONT STREET CONSHOHOCKEN, PA 19428 ATTN: MIKE GABRIEL MIKE.GABRIEL@PECO—ENERGY.COM

VERIZON PENNSYLVANIA LLC 1050 VIRGINIA DRIVE FORT WASHINGTON, PA 19034 215-789-7719 ATTN: SCOTT FREY SCOTT.FREY@VERIZON.COM

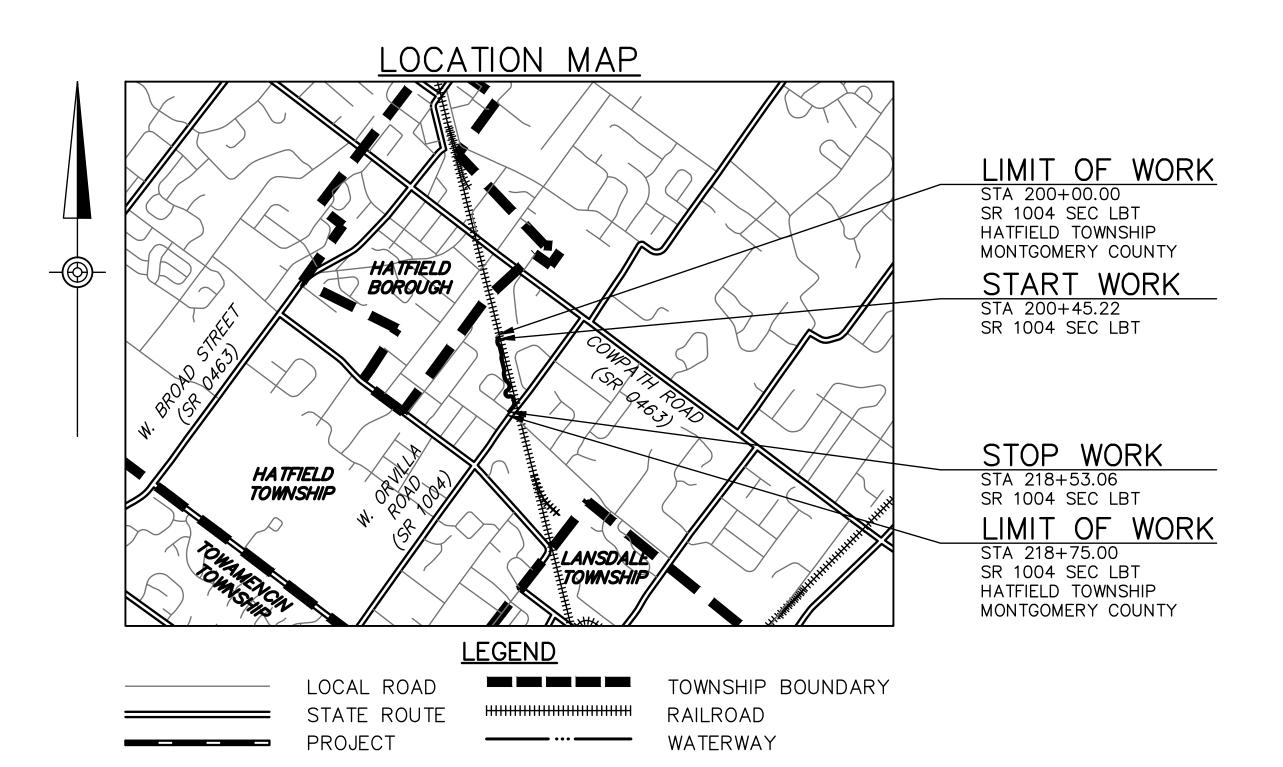
TABULATION OF OVERALL AND CONSTRUCTION LENGTH CONSTRUCTION LENGTH OVERALL LENGTH LOCATION STATION TO STATION FEET MILES FEET MILES 1875.00 0.355 STA 200+00.00 TO STA 218+75.00 SR 1004 SEC. LBT STA 200+45.22 TO STA 218+53.06 0.342 STA 400+88.62 TO STA 402+00.00 111 0.021

TOTAL

SCALE

NO DETOUR

4000 FEET



SUMMARY OF PROJECT COORDINATES						
ROUTE	STATION	POINT	NORTH	COORDINATES		
	200+00.00	PI (POB)	2653888.5387	EAST 351116.8329	C1 7°F 5' F 7" F	
	200+50.00	PC	2653900.5767	351068.3036	S13°55'53"E	
	200+30.00	PRC	2653900.3767	351008.3030		
	201+00.93	PRC	2653901.4432	350905.0870		
	202+20.83	PT	2653953.5439	350854.7745	C1 7°F 5' 5 7" F	
	202+77.80	PC	2653985.6715	350725.2570	S13°55'53"E	
	204+11.24	PRC	2653986.6572	350669.3640		
	204+67.62	PT	2653986.6372	350613.4710	C1 7°F 5'F 7"	
	203+24.00	PC	2653987.8430	350406.3455	S13°55'53"E	
	207+37.40	PRC	2654038.7572	350345.1089		
		PT		350283.8722	C1 7°E E'E 7"[
00 4004	208+61.14		2654038.4927		S13°55'53"	
SR 1004 SECTION LBT	209+32.33	PC	2654055.6345	350214.7679 350145.4677		
SECTION LDT	210+16.85	PRC	2654101.1583	350145.4673		
	211+63.85	PCC	2654146.2635	350014.3364	0.4010.470.470	
	212+00.18	PT	2654127.2706	349984.0086	S49°24'24"\	
	212+49.30	PC PT	2654089.9731	349952.0482	0.4 7.5 5.7 5.7 7.7	
	213+15.63	PT	2654070.7793	349892.0419	S13°55'53"E	
	213+26.87	PC PT	2654073.4862	349881.1293		
	214+21.12	PT	2654146.1669	349837.3398	N76°04'07"	
	214+32.12	PC	2654156.8433	349839.9881		
	215+26.37	PT	2654229.5240	349796.1986	S13°55'53"E	
	216+47.07	PC	2654258.5850	349679.0433		
	217+60.83	PT	2654235.4796	349571.6290	S38°12'39"V	
	218+75.00	PI (POE)	2654164.8591 FOR COMPUTATIONAL	349481.9210		

IMPLY A PRECISION BEYOND TWO (2) PLACES.

PAVEMENT LEGEND

0.363

1919

SHARED-USE PATH

CEMENT CONCRETE SIDEWALK

DRIVEWAY REPLACEMENT

GENERAL NOTES

THE LEGAL RIGHT OF WAY ON SR 1004, FORMERLY LR 46047, IS 33 FEET BASED ON ROAD DOCKET NO 5 1/2 PAGE 406 CONFIRMED MAY 15, 1822, RECORDED IN NORRISTOWN PENNSYLVANIA AT THE MONTGOMERY COUNTY COURTHOUSE.

THE TOWNSHIP RIGHT OF WAY ON SCHWAB ROAD, IS VARIABLE FROM 41.5 FEET TO 60 FEET BASED ON DEED BOOK 4682 PAGE 1580, RECORDED ON APRIL 16, 1982, AND DEED BOOK 4768 PAGE 1819 RECORDED ON JUNE 7, 1985, IN NORRISTOWN PENNSYLVANIA AT THE MONTGOMERY COUNTY COURTHOUSE.

THE TOWNSHIP RIGHT OF WAY ON DOGWOOD LANE, IS VARIABLE FROM 40 FEET TO 50 FEET BASED ON DEED BOOK 4682 PAGE 1588, RECORDED ON APRIL 16, 1982, AND DEED BOOK 4816 PAGE 44 RECORDED ON OCTOBER 10, 1986, IN NORRISTOWN PENNSYLVANIA AT THE MONTGOMERY COUNTY COURTHOUSE.

SR 1004 WAS FORMERLY KNOWN AS LR 46047.

THE HORIZONTAL CONTROL FOR THIS PROJECT IS BASED ON THE PENNSYLVANIA STATE PLANE COORDINATE SYSTEM NAD83 (2011) SOUTH ZONE.

THE VERTICAL CONTROL FOR THIS PROJECT IS BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

ALL CURVE DATA IS BASED ON THE ARC DEFINITION UNLESS OTHERWISE INDICATED.

THE COMBINED SCALE FACTOR IS 0.99995426.

ALL PROPERTIES ARE PLOTTED FROM DEEDS OF RECORD, RECORDED SUBDIVISION OR LOT PLANS, OR FROM FIELD SURVEY. PROPERTY LINES WERE SURVEYED ONLY WHEN DETERMINED NECESSARY BY THE PROFESSIONAL LAND SURVEYOR RESPONSIBLE FOR THE PROJECT. PROPERTY LINES NOT ESTABLISHED BY FIELD SURVEY WERE PLOTTED BASED ON EXISTING TOPOGRAPHICAL FEATURES AND LIMITED FIELD DATA.

DO NOT INTERFERE WITH THE OPERATION OF ANY FIRE HYDRANT, FIRE CALL BOX OR POLICE CALL BOX.

THIS IS A FEDERAL—AID PROJECT AND AS SUCH IS SUBJECT TO INSPECTION BY REPRESENTATIVES OF THE FEDERAL HIGHWAY ADMINISTRATION AND THE PENNSYLVANIA DEPARTMENT OF TRANSPORTATION.

THREE WORKING DAYS PRIOR TO EXCAVATION, THE CONTRACTOR MUST CONTACT THE PA ONE CALL SYSTEM, INC. PHONE 1-800-242-1776, SERIAL NUMBERS 20213340985 & 20213370949 FOR EXCAVATION.

** PART OF LUMP SUM STRUCTURE ITEM

MCMAHON ASSOCIATES DOES NOT GUARANTEE THE ACCURACY OF THE LOCATIONS OF EXISTING SUBSURFACE UTILITY STRUCTURES SHOWN ON THE PLANS, NOR DOES MCMAHON ASSOCIATES GUARANTEE THAT ALL SUBSURFACE STRUCTURES ARE SHOWN.

ALL UTILITY FACILITES WILL BE ADJUSTED OR ALTERED WHERE REQUIRED BY THEIR RESPECTIVE OWNERS.

	יול או	0001111	ROOTE	5	<u> </u>	J SITEL I		
6-0 MONTGOMER		MONTGOMERY	1004	-	3	3 OF 10		
	HATFIELD TOWNSHIP							
	REVISION NUMBER	REVISIONS			DATE	BY		
						,		

ROLLTE SECTION

+56

49.00

GENERAL NOTES CONT.

DETAILS, OTHER THAN THOSE INDICATED, ARE ON THE FOLLOWING STANDARD DRAWINGS:

RC-45M (24 SHEETS) FEBRUARY 19, 2021 RC-46M (34 SHEETS) FEBRUARY 19, 2021 RC-67M (14 SHEETS) FEBRUARY 19, 2021 RC-70M (3 SHEETS) FEBRUARY 8, 2019

THE HALF CIRCLED NUMBER INDICATES A SCALED DIMENSION.

INDICATES MONUMENTED DIMENSION.

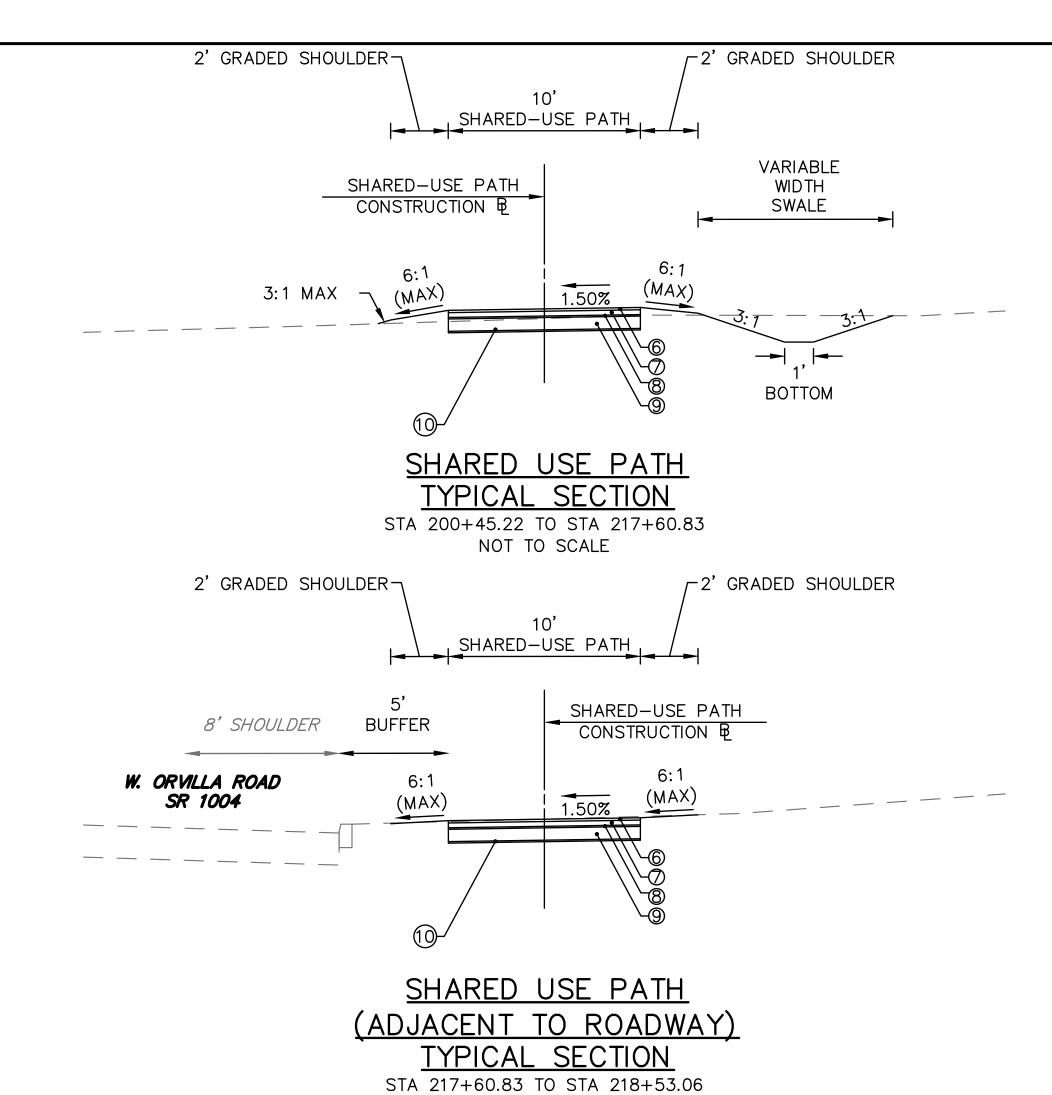
D.C. — DEPRESSED CURB

DISTRICT

R/W - RIGHT-OF-WAY

RESERVES THE RIGHT TO ELIMINATE ANY OR ALL OF THIS WORK. DO NOT PERFORM WORK EXCEPT THAT WHICH IS WITHIN THE HIGHWAY RIGHT-OF-WAY UNTIL SO ORDERED IN WRITING BY THE ENGINEER.

EARTHWORK SUMMARY ENTIRE PROJECT THE INFORMATION ON ESTIMATED AMOUNTS OF EARTHWORK HAS BEEN USED IN THE PRELIMINARY ESTIMATE. DO NOT USE AS A WAIVER OF ANY PROVISIONS OF THE SPECIFICATIONS AND CONTRACTS. CUBIC YARDS OF EXCAVATION CUBIC YARDS CUBIC YARDS | CUBIC YARDS CUBIC YARDS OF COMPLETED OF SELECT OF BORROW OF WASTE CLASS 1B | CLASS 2 | CLASS 3** CLASS 1 CLASS 1A CLASS 4 EMBANKMENT* BORROW EXCAVATION * INCLUDES ALL BORROW ITEMS



① CEMENT CONCRETE SIDEWALK, 4" DEPTH

- ② SUPERPAVE ASPHALT MIXTURE DESIGN, WEARING COURSE, PG 64S-22, 3 TO < 10 MILLION ESALS, 9.5 MM MIX, 1.5" DEPTH, SRL-L
- ③ SUPERPAVE ASPHALT MIXTURE DESIGN, BINDER COURSE, PG 64S-22, 3 TO < 10 MILLION ESALS, 19.0 MM MIX, 2.5" DEPTH
- ⊕ SUPERPAVE ASPHALT MIXTURE DESIGN, BASE COURSE, PG 64S-22,
 3 TO < 10 MILLION ESALS, 25.0 MM MIX, 6" DEPTH
 </p>
- ⑤ SUBBASE 6" DEPTH (NO. 2A)
- © PERVIOUS 9.5MM WEARING COURSE, 1.5" DEPTH
- ⊗ NO. 57 COARSE AGGREGATE, 1" DEPTH
- 9 NO. 3 COARSE AGGREGATE, 8" DEPTH
- ① TYPE A FINE AGGREGATE (2" DEPTH, REFER TO POST CONSTRUCTION STORMWATER MANAGEMENT PLAN)

SIDEWALK TYPICAL SECTION
STA 400+00.00 TO STA 401+41.87
NOT TO SCALE

NOT TO SCALE

5' SIDEWALK

SIDEWALK —

CONSTRUCTION B

5'-12'

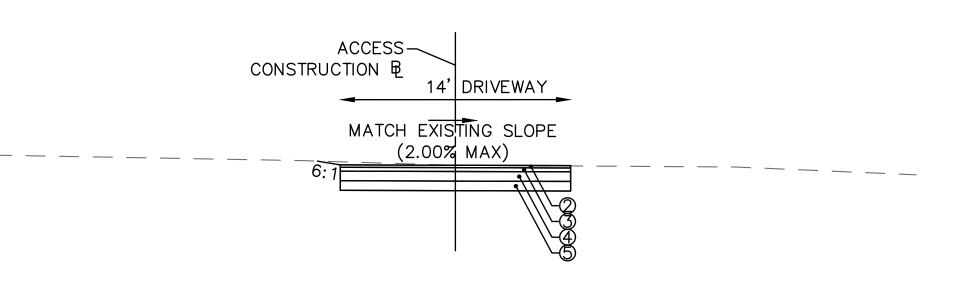
SHOULDER BUFFER

SUBABSE TO EXTEND

6" BEYOND SIDEWALK ON EACH SIDE (TYP.)

W. ORVILLA ROAD

SR 1004



DRIVEWAY TYPICAL SECTION
STA 0+15.25 TO STA 1+10.87
NOT TO SCALE.

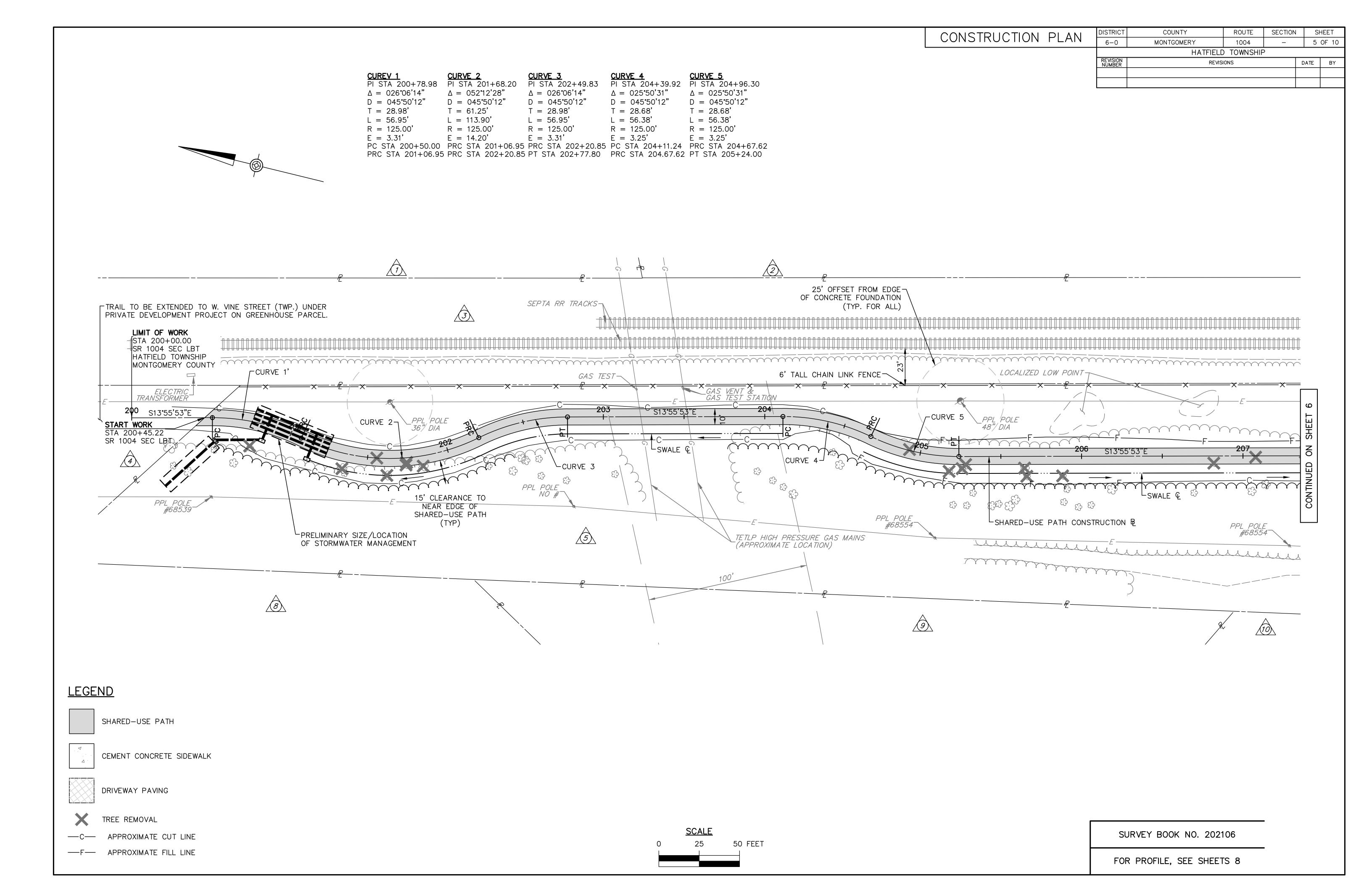
DISTRICT COUNTY ROUTE SECTION SHEET

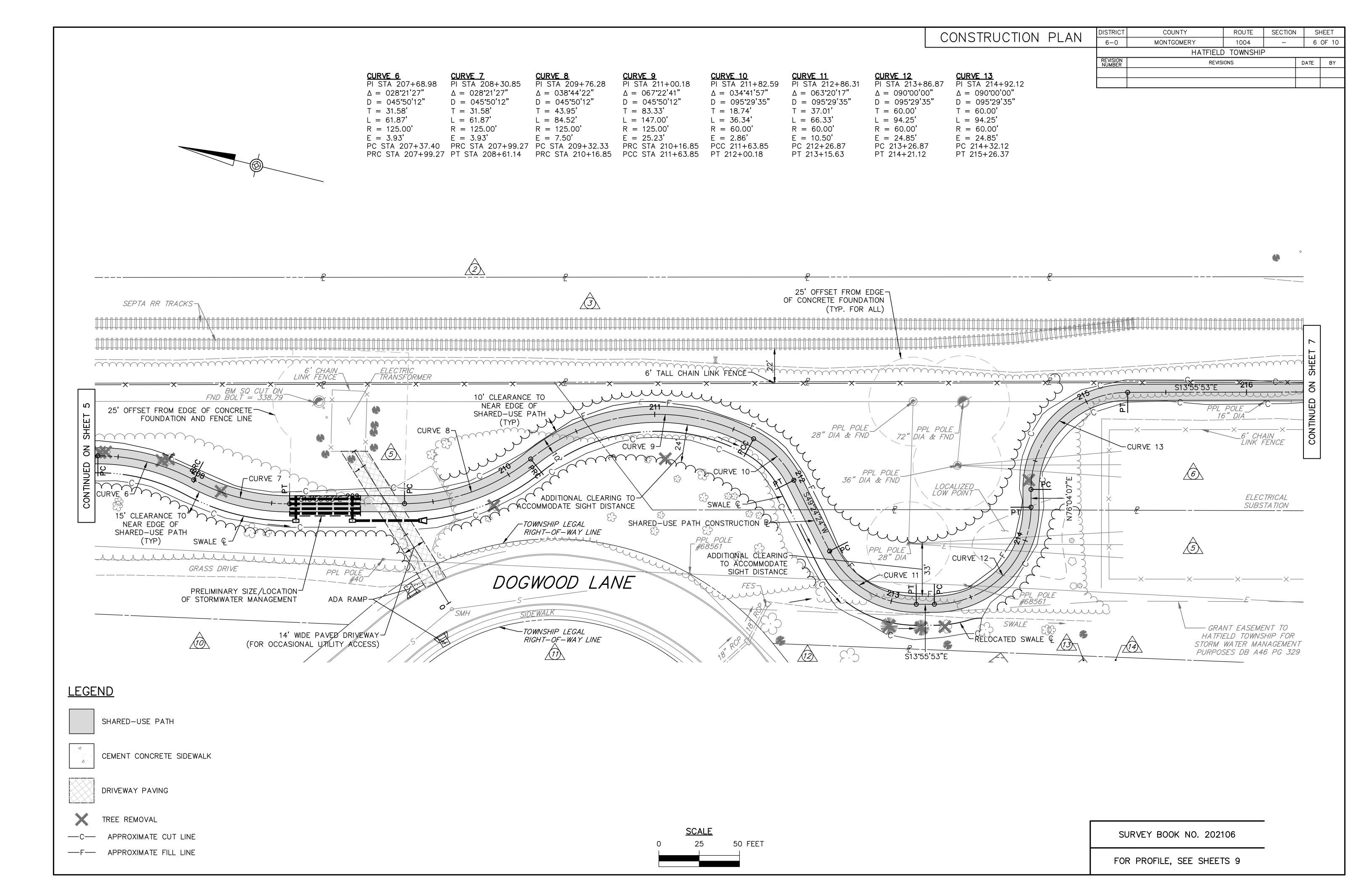
6-0 MONTGOMERY 1004 - 4 OF 10

HATFIELD TOWNSHIP

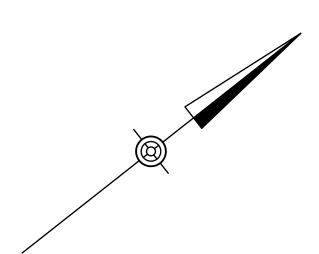
REVISION REVISIONS DATE BY

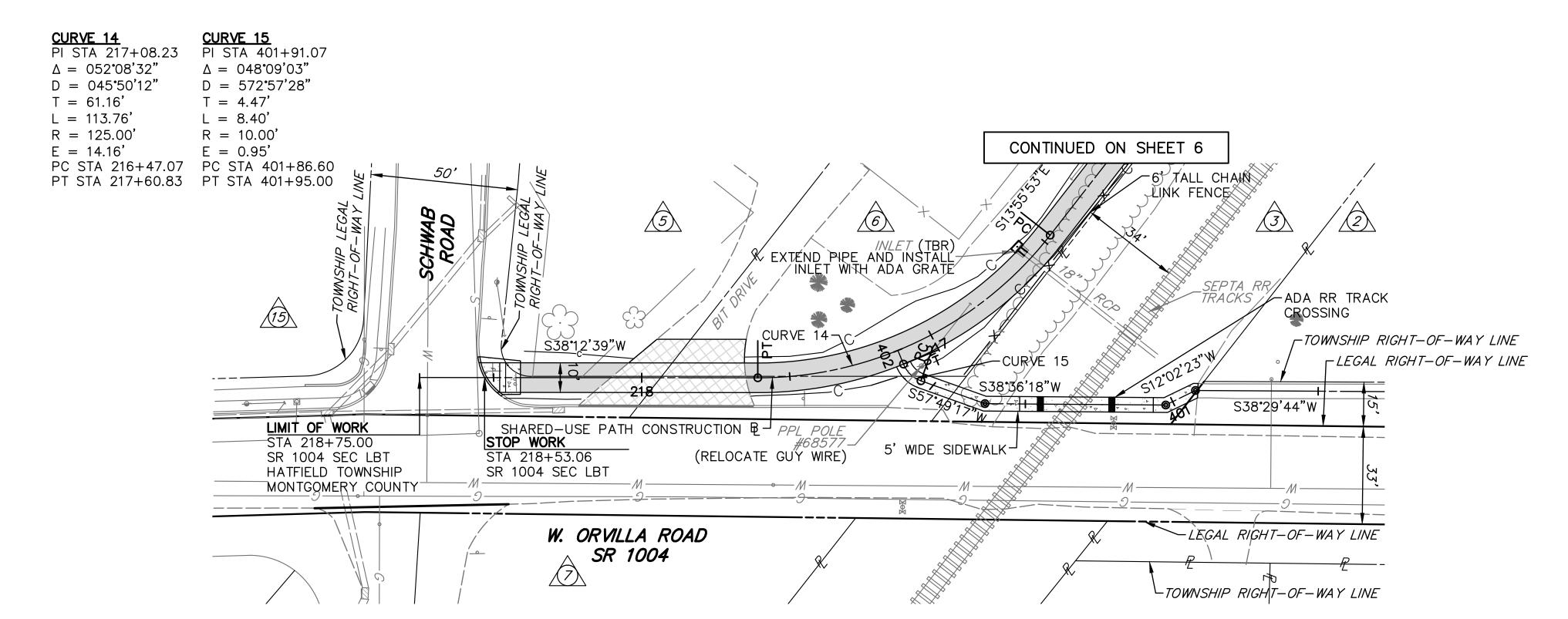
TYPICAL SECTIONS





COUNTY ROUTE SECTION SHEET CONSTRUCTION PLAN MONTGOMERY 1004 7 OF 10 HATFIELD TOWNSHIP DATE BY REVISIONS





<u>LEGEND</u>



CEMENT CONCRETE SIDEWALK



DRIVEWAY PAVING

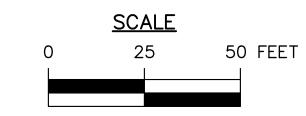


TREE REMOVAL



——C— APPROXIMATE CUT LINE

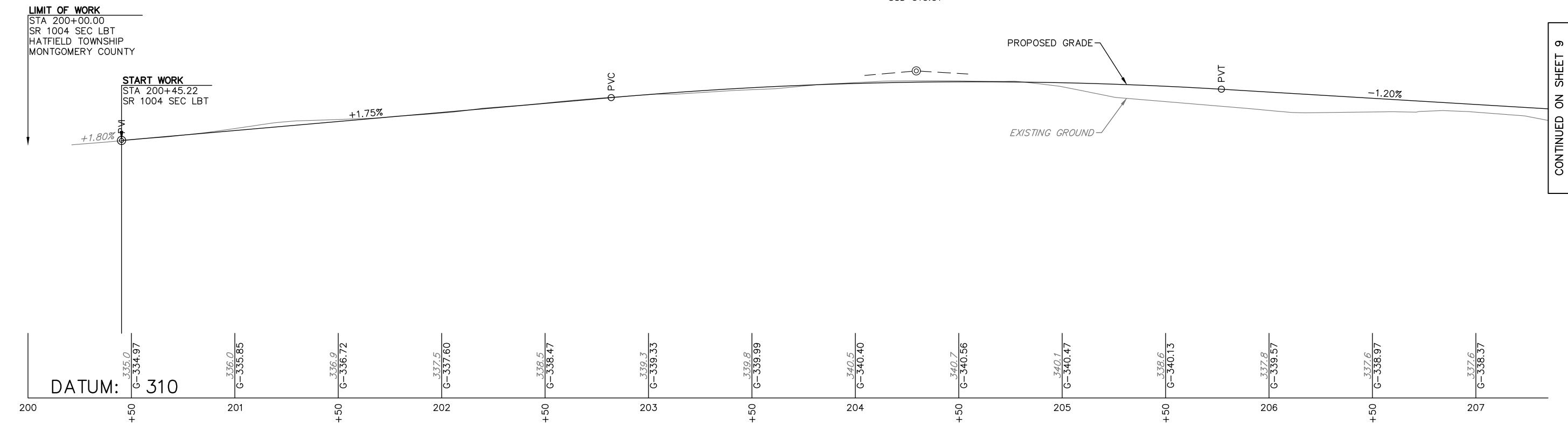




SURVEY BOOK NO. 202106

FOR PROFILE, SEE SHEETS 10

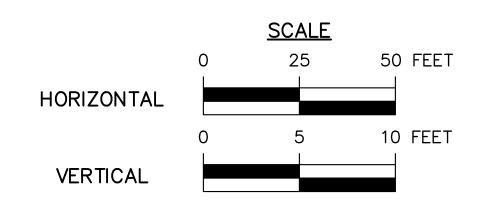
> PVI STA 204+29.45 ELEV 341.61 HIGH POINT STA 204+56.95 HIGH POINT ELEV 340.56 VC 295.00' MO -1.09' SSD 513.31'

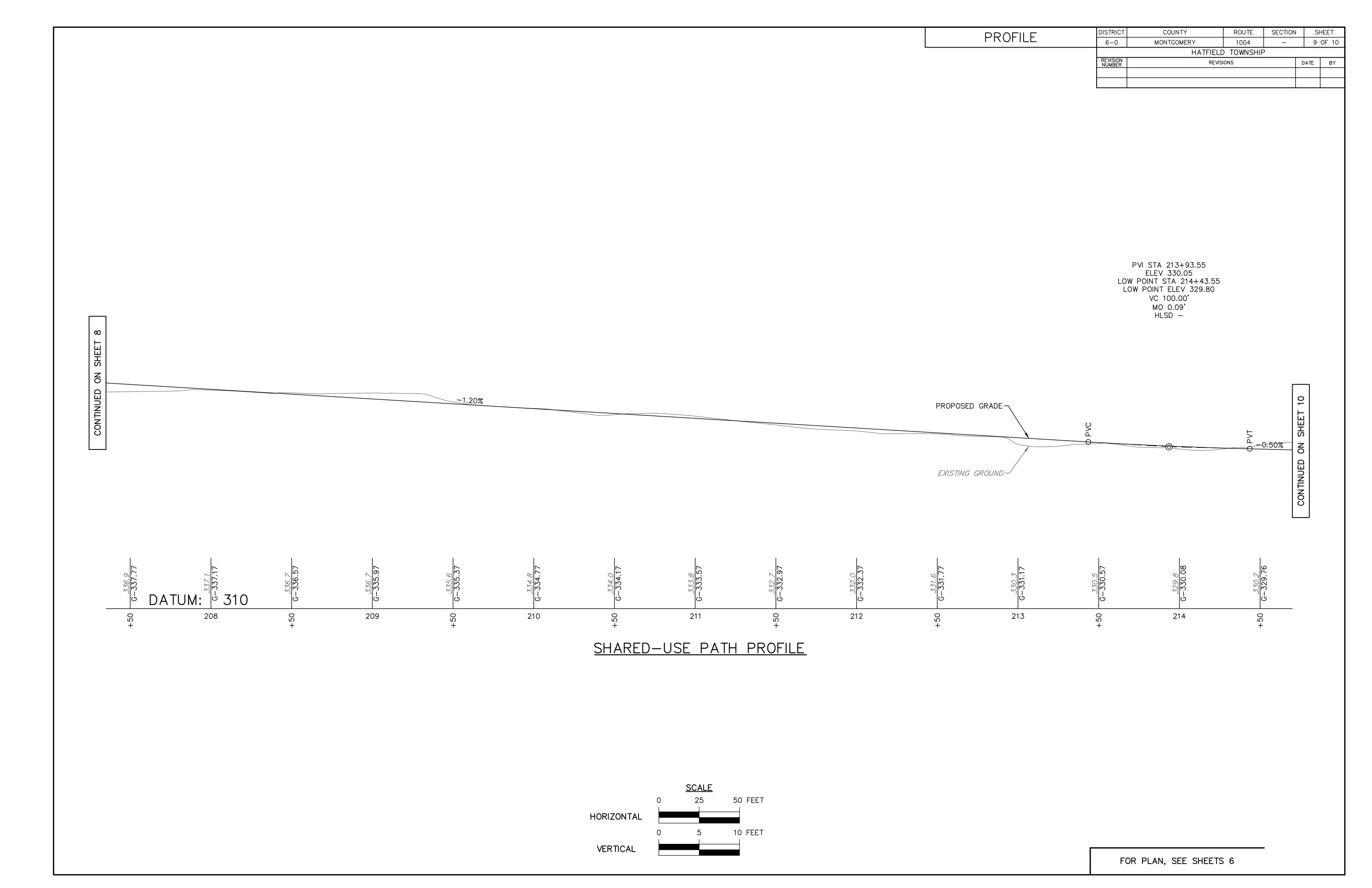


SHARED-USE PATH PROFILE

<u>NOTES</u>

- 1. ALL PIPE INVERTS AND PIPE LENGTHS ARE CALCULATED FROM CENTER TO CENTER OF PROPOSED DRAINAGE STRUCTURES.
- 2. BASELINE OFFSETS FOR DRAINAGE STRUCTURES ARE MEASURED TO THE CENTER OF THE INLET GRATE OR MANHOLE COVER.
- 3. INSTALL ALL INLETS DESIGNATED AS (BS) WITH BICYCLE SAFE GRATES. INSTALL ALL INLETS DESIGNATED AS (SS) WITH STRUCTURAL STEEL GRATES. INSTALL ALL INLETS DESIGNATED AS (ADA) WITH ADA COMPLIANT GRATES.
- 4. ALL PROPOSED STORM PIPE DESIGNATED AS O.J. SHALL BE OPEN JOINT PIPE AND INSTALLED AS COMBINATION STORM SEWER AND UNDERDRAIN IN ACCORDANCE WITH PENNDOT PUBLICATION 408, SECTION 604 AND PUBLICATION 72M, RC-30M.





PROFILE

DISTRICT COUNTY ROUTE SECTION SHEET

6-0 MONTGOMERY 1004 - 10 OF 10

HATFIELD TOWNSHIP

REVISION NUMBER REVISIONS DATE BY

PVI STA 216+63.75 ELEV 328.69 LOW POINT STA 216+51.76 LOW POINT ELEV 328.77 VC 40.00' MO 0.12' HLSD 332.31'

> PVI STA 217+13.02 ELEV 329.68 HIGH POINT STA 217+26.51 HIGH POINT ELEV 329.56 VC 50.00' MO -0.16' SSD 440.90'

