

PLAN PREPARATION
ROADWAY PROJECT MANAGER MATTHEW W. HETRICK, P.E.
DESIGNER ADAM J. BLOUNT

DISTRICT	COUNTY	TOWNSHIP	BOROUGH	ROUTE	SECTION	TOTAL SHEETS
1-0	VENANGO	JACKSON		0427	05M	41
		PLUM				
			COOPERSTOWN			
	CRAWFORD	TROY				

ECMS NO. 98524

COMMONWEALTH OF PENNSYLVANIA



DEPARTMENT OF TRANSPORTATION

CONCEPTUAL DESIGN DRAWINGS

FOR CONSTRUCTION OF

STATE ROUTE 0427 SECTION 05M

IN VENANGO COUNTY

FROM STA 10+36.00 TO STA 342+23.00 LENGTH 33087.00 FT 6.285 MI.

FROM SEG 0100 OFFSET 1697 TO SEG 0220 OFFSET 2994

AND

STATE ROUTE 0427 SECTION 05M

IN CRAWFORD COUNTY

FROM STA 342+23.00 TO STA 344+10.00 LENGTH 170.00 FT 0.032 MI.

FROM SEG 0010 OFFSET 0000 TO SEG 0010 OFFSET 0187

LENGTH 33140.00 FT. 6.317 MI.

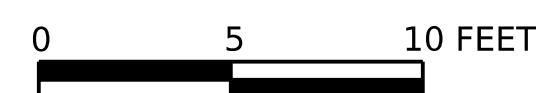
**Preliminary
Not for Construction**

SCALE

HORIZONTAL



VERTICAL



DESIGN DESIGNATION

HIGHWAY CLASSIFICATION - RURAL MAJOR COLLECTOR
DESIGN SPEED - 35-55 MPH
PAVEMENT WIDTH - 22'
SHOULDER WIDTH - 2' LT & RT

TRAFFIC DATA

CURRENT A.D.T. - 417 & 1248 (2024)
DESIGN YEAR A.D.T. - 418 & 1251 (2025)
D.H.V. - 46 & 126
D - 53% & 56%
T - 12% & 6%

PREPARED BY: DISTRICT 01 PLANS UNIT THOMAS J. McCLELLAND, P.E. ASST. DIST. EXEC. (DESIGN) DATE: _____	RECOMMENDED DATE: _____
	_____ DISTRICT PLANS ENGINEER
	RECOMMENDED DATE: _____
	_____ DISTRICT EXECUTIVE
	RECOMMENDED DATE: _____
_____ DEPUTY SECRETARY	
APPROVED DATE: _____	
_____ SECRETARY OF TRANSPORTATION (ON BEHALF OF THE GOVERNOR AS WELL AS THE SECRETARY)	

DISTRICT	COUNTY	ROUTE	SECTION	SHEET
01	VENANGO	0427	05M	2 OF 41

REV NO	REVISIONS	DATE	BY	APPD

SEGMENTS/STATIONS

STATE ROUTE 0427
VENANGO COUNTY

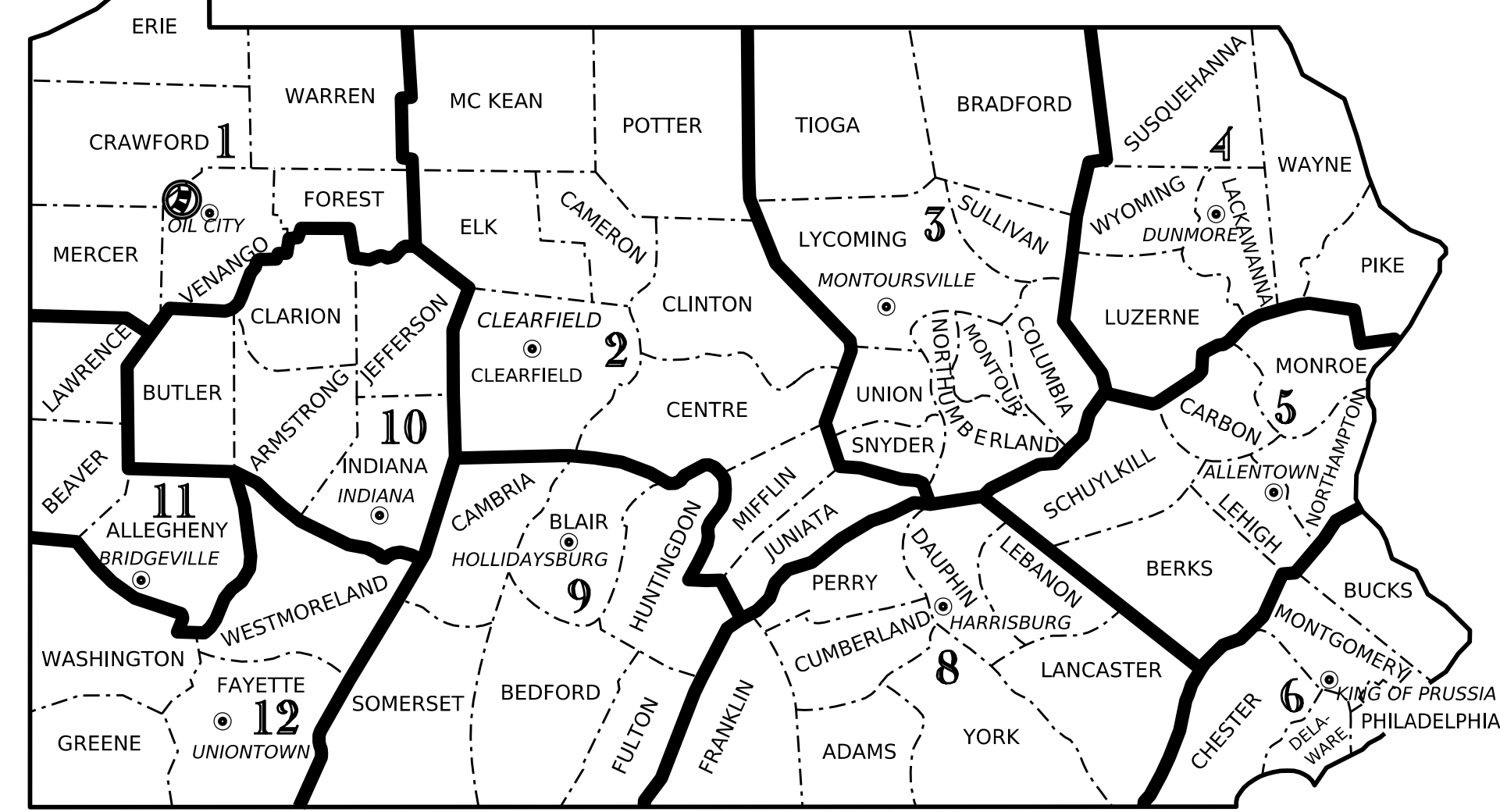
SEG. 0100/01697 = STA. 10+36.00	SEG. 0170/0000 = STA. 182+83.00
SEG. 0110/0000 = STA. 22+74.00	SEG. 0180/0000 = STA. 212+16.00
SEG. 0120/0000 = STA. 43+30.00	SEG. 0190/0000 = STA. 241+62.00
SEG. 0130/0000 = STA. 73+93.00	SEG. 0200/0000 = STA. 262+54.00
SEG. 0140/0000 = STA. 91+80.00	SEG. 0210/0000 = STA. 287+51.00
SEG. 0150/0000 = STA. 117+16.00	SEG. 0220/0000 = STA. 312+29.00
SEG. 0160/0000 = STA. 145+79.00	SEG. 0220/2994 = STA. 342+23.00

CRAWFORD COUNTY

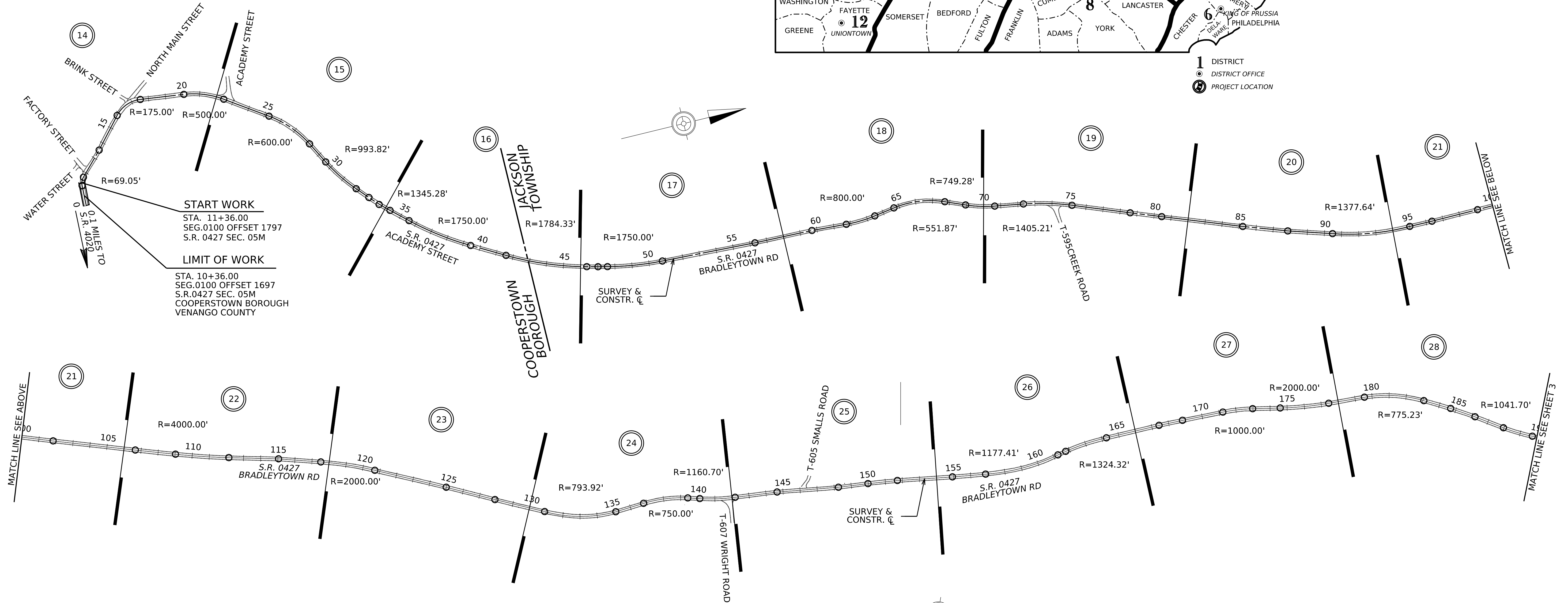
SEG. 0010/0000 = STA. 342+23.00	SEG. 0010/0187 = STA. 344+10.00
---------------------------------	---------------------------------

NOTE: THESE EQUIVALENTS ARE NOT TO BE USED FOR STATIONING. THEY HAVE BEEN TAKEN FROM PENNDOT'S ROADWAY MANAGEMENT SYSTEM FOR FUTURE REFERENCE BY THE DEPARTMENT.

PENNSYLVANIA



1 DISTRICT
● DISTRICT OFFICE
⊙ PROJECT LOCATION

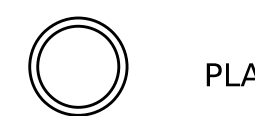


START WORK
STA. 11+36.00
SEG.0100 OFFSET 1797
S.R. 0427 SEC. 05M

LIMIT OF WORK
STA. 10+36.00
SEG.0100 OFFSET 1697
S.R.0427 SEC. 05M
COOPERSTOWN BOROUGH
VENANGO COUNTY

INDEX MAP

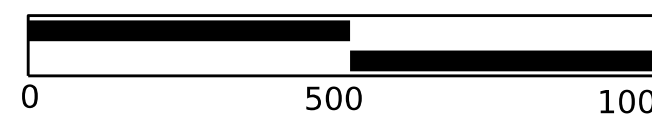
— LEGEND —



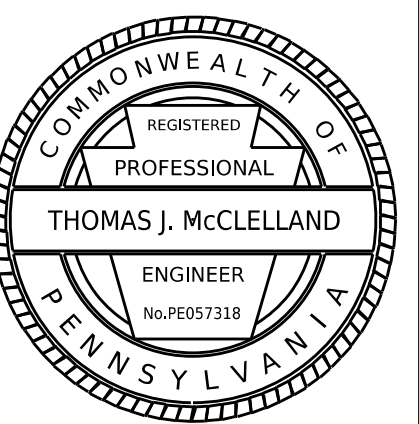
PLAN

— SHEET LIMITS —

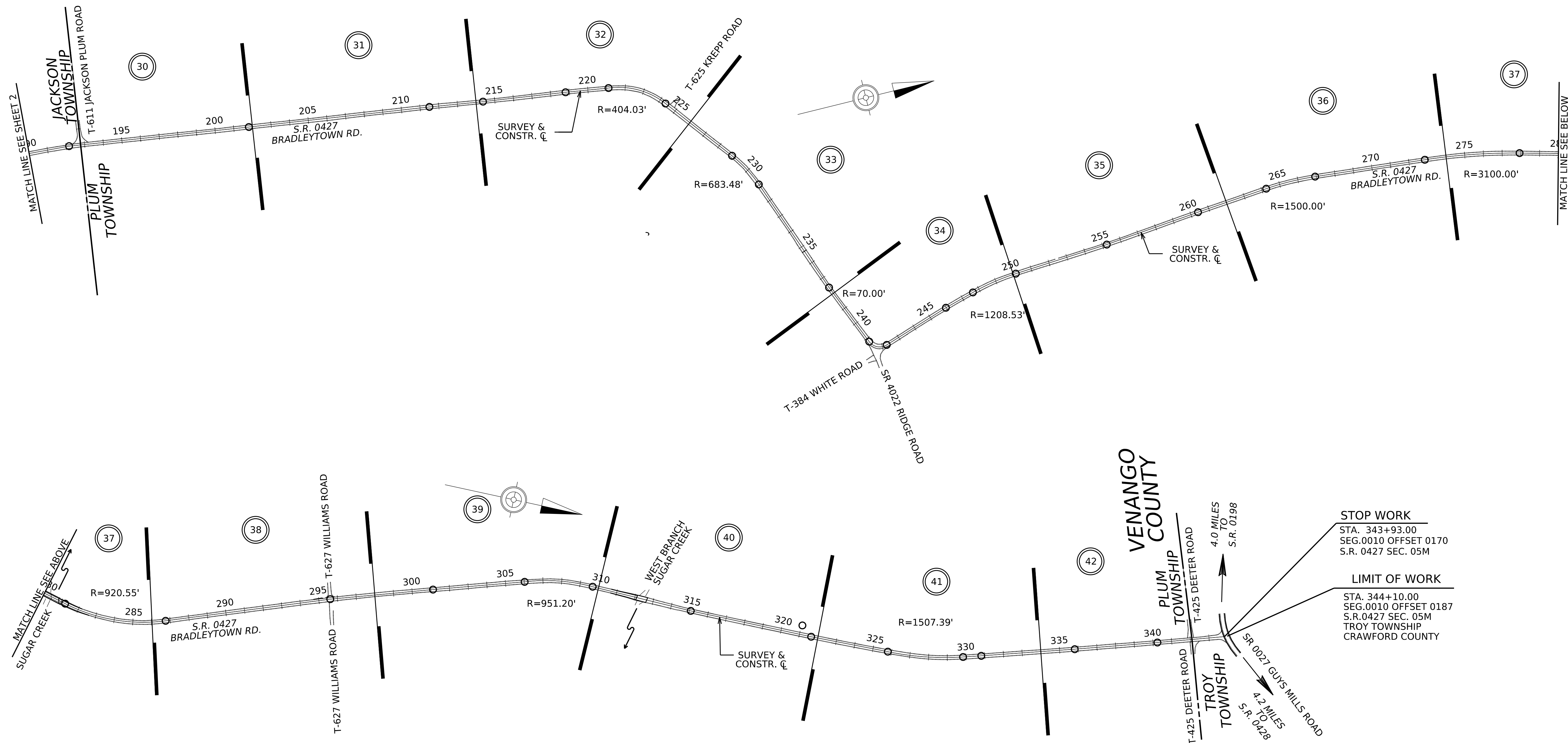
— SCALE —



Preliminary
Not for Construction



DISTRICT	COUNTY	ROUTE	SECTION	SHEET
01	VENANGO	0427	05M	3 OF 41
REV NO	REVISIONS	DATE	BY	APPD



STOP WORK
 STA. 343+93.00
 SEG.0010 OFFSET 0170
 S.R. 0427 SEC. 05M

LIMIT OF WORK
 STA. 344+10.00
 SEG.0010 OFFSET 0187
 S.R.0427 SEC. 05M
 TROY TOWNSHIP
 CRAWFORD COUNTY

INDEX MAP

— LEGEND —

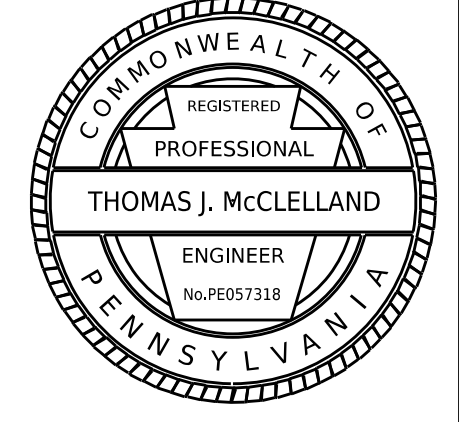


PLAN



SHEET LIMITS

— SCALE —



TABULATION OF OVERALL LENGTH

STA. 10+36.00 TO STA. 344+10.00 = 33,410.00 FT. = 6.328 MI.

TABULATION OF CONSTRUCTION LENGTH

STA. 11+36.00 TO STA. 343+93.00 = 33,257.00 FT. = 6.298 MI.

LIST OF EQUALITIES

NONE

TABULATION OF SEGMENT EQUALITIES

VENANGO COUNTY
 SEGMENT 0100/1697 = STA. 10+36.00
 SEGMENT 0110/0000 = STA. 22+74.00
 SEGMENT 0120/0000 = STA. 43+30.00
 SEGMENT 0130/0000 = STA. 73+93.00
 SEGMENT 0140/0000 = STA. 91+80.00
 SEGMENT 0150/0000 = STA. 117+16.00
 SEGMENT 0160/0000 = STA. 145+79.00
 SEGMENT 0170/0000 = STA. 182+83.00
 SEGMENT 0180/0000 = STA. 212+16.00
 SEGMENT 0190/0000 = STA. 241+62.00
 SEGMENT 0200/0000 = STA. 262+54.00
 SEGMENT 0210/0000 = STA. 287+51.00
 SEGMENT 0220/0000 = STA. 312+29.00
 SEGMENT 0220/2994 = STA. 342+23.00
 CRAWFORD COUNTY
 SEGMENT 0010/0000 = STA. 342+23.00
 SEGMENT 0010/0000 = STA. 344+10.00

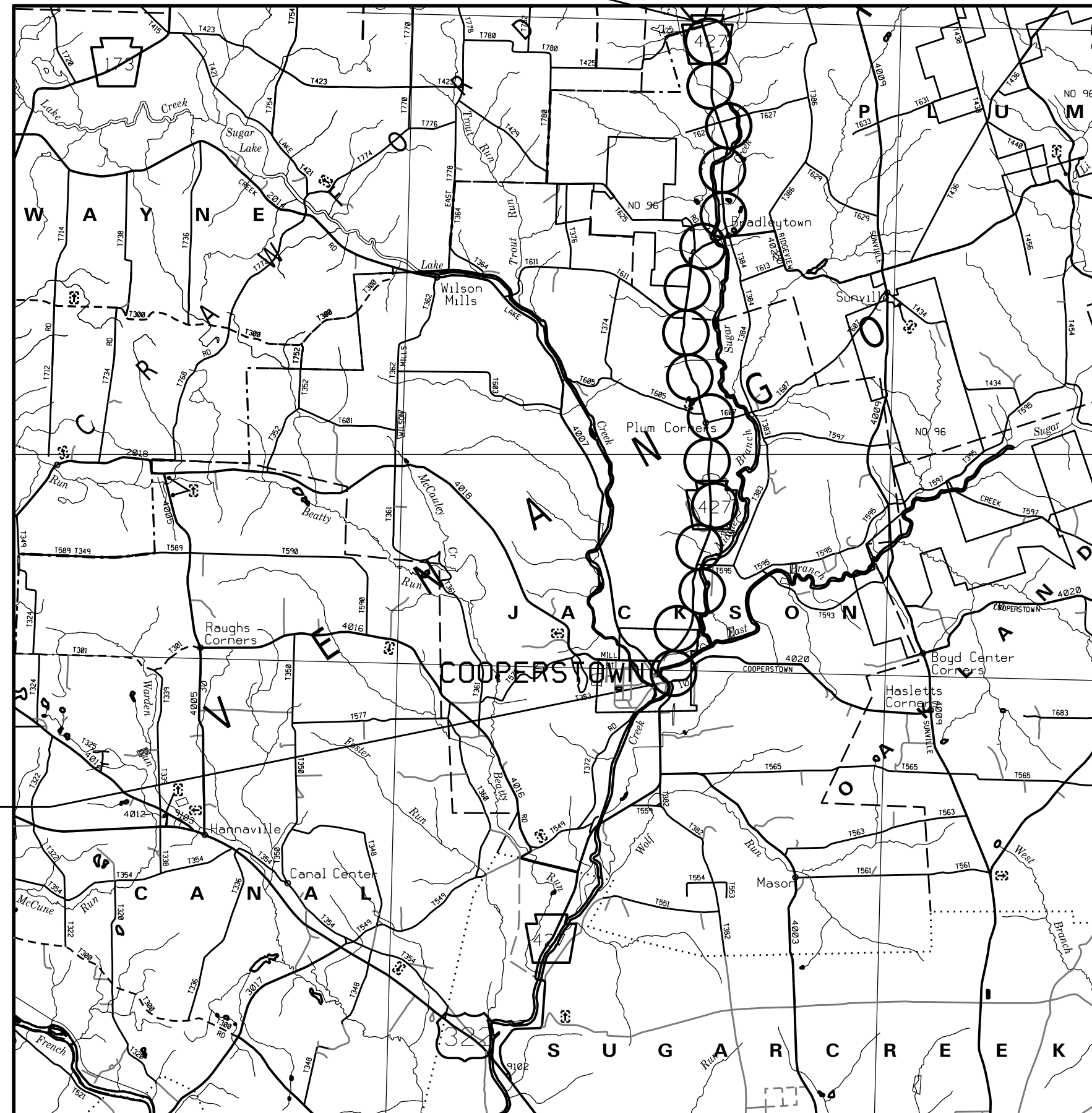
NOTE: THESE EQUIVALENTS ARE NOT TO BE USED FOR STATIONING. THEY HAVE BEEN TAKEN FROM PENNDOT'S ROADWAY MANAGEMENT SYSTEM FOR FUTURE REFERENCE BY THE DEPARTMENT.

LIMIT OF WORK

STA.344+10.00
 SEG.0010 OFFSET 0187
 S.R.0427 SEC.05M
 TROY TOWNSHIP
 CRAWFORD COUNTY

LIMIT OF WORK

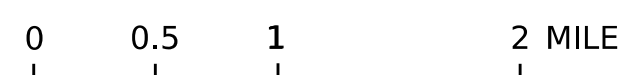
STA.10+36.00
 SEG.0100 OFFSET 1697
 S.R.0427 SEC.05M
 COOPERSTOWN BORO
 VENANGO COUNTY



LEGEND

- U.S. TRAFFIC ROUTE
- STATE ROUTE
- TOWNSHIP ROAD
- PROJECT

SCALE



SHEET INDEX

DESCRIPTION	SHEET
TITLE SHEET	1
INDEX MAP	2 TO 3
LOCATION MAP & GENERAL NOTES	4
SUMMARY OF PROJECT COORDINATES	5
TYPICAL SECTIONS	6 TO 9
SUMMARY SHEET	10
TABULATION SHEETS	11 TO 13
PLAN SHEETS	14 TO 41

PUBLIC UTILITIES

DESIGN PA ONE CALL INFORMATION IS AS FOLLOWS:

PA ONE CALL SYSTEM INC. PHONE NO.-1-800-242-1776
 SERIAL NO. 20221431857 COOPERSTOWN BOROUGH

PA ONE CALL SYSTEM INC. PHONE NO.-1-800-242-1776
 SERIAL NO. 20221431856 PLUM TOWNSHIP

PA ONE CALL SYSTEM INC. PHONE NO.-1-800-242-1776
 SERIAL NO. 20221431855 JACKSON TOWNSHIP

PA ONE CALL SYSTEM INC. PHONE NO.-1-800-242-1776
 SERIAL NO. 20221431854 TROY TOWNSHIP

CONSTRUCTION PA ONE CALL INFORMATION IS AS FOLLOWS:

THREE TO TEN WORKING DAYS PRIOR TO EXCAVATION BASED
 BASED ON THE COMPLEXITY OF THE PROJECT, THE CONTRACTOR
 MUST CONTACT THE PA ONE CALL SYSTEM, INC. AT 1-800-242-1776

SERIAL NO: 20221431857 FOR COOPERSTOWN BOROUGH.

SERIAL NO: 20221431856 FOR PLUM TOWNSHIP.

SERIAL NO: 20221431855 FOR JACKSON TOWNSHIP.

SERIAL NO: 20221431854 FOR TROY TOWNSHIP.

ADDITIONAL INFORMATION IS AVAILABLE AT

<https://www.pa1call.org/PA811/Public/>.

THE CONTRACTOR IS REQUIRED TO NOTIFY THE DEPARTMENT AND
 SUBMIT AN ALLEGED VIOLATION REPORT (AVR) TO THE PA PUBLIC
 UTILITY COMMISSION THROUGH THE PA ONE CALL SYSTEM,
 WWW.PA1CALL.ORG, WITHIN TEN (10) BUSINESS DAYS AFTER A
 UTILITY LINE IS STRUCK, DAMAGED, OR PREVIOUS DAMAGE IS
 DISCOVERED AS REQUIRED BY PENNSYLVANIA'S UNDERGROUND
 UTILITY LINE PROTECTION LAW ACT 50 (P.L.852, NO. 287 AMENDED
 OCT. 30,2017).

DISTRICT	COUNTY	ROUTE	SECTION	SHEET
01	VENANGO	0427	05M	4 OF 41

REV NO	REVISIONS	DATE	BY	APPD

GENERAL NOTES

LEGAL RIGHT-OF-WAY DATA
 S.R. 0427 PREVIOUSLY KNOWN AS L.R. 90

THE LEGAL RIGHT OF WAY ON S.R. 0427 FORMERLY LR 90,
 FROM STA. 10+35.00 TO STA. 42+91.00 IS VARIABLE IN WIDTH
 FROM FIFTY (50) FEET TO ONE HUNDRED SIXTY ONE (161) FEET
 BASED ON PLANS FOR DRAWINGS AUTHORIZING ACQUISITION OF
 RIGHT-OF-WAY FOR S.R. 0427 SECTION B01 R/W, AS APPROVED AND
 SIGNED BY THE GOVERNOR OF THE COMMONWEALTH
 OF PENNSYLVANIA ON FEBRUARY 7, 2008.

THE LEGAL RIGHT-OF-WAY ON S.R. 0427 FROM STA. 42+91.00
 (COOPERSTOWN, JACKSON TOWNSHIP, LINE) TO STA. 234+26.00
 IS FORTY (40) FEET IN WIDTH AS ESTABLISHED BY PUBLIC ROADS
 RIGHT-OF-WAY DATA WPA PROJECT NO. 103 AND 254, DATED,
 SEPTEMBER 1806

THE LEGAL RIGHT OF WAY ON S.R. 0427 FORMERLY LR 90,
 FROM STA. 99+13.00 TO STA. 105+00.00 IS FIFTY (50)
 FEET BASED ON PLAN OF LR 90, AS APPROVED AND
 SIGNED BY THE GOVERNOR OF THE COMMONWEALTH
 OF PENNSYLVANIA ON FEBRUARY 9, 1956.

THE LEGAL RIGHT OF WAY ON S.R. 0427 FORMERLY L.R. 90 FROM
 STA. 234+26.00 TO STA. 236+36.00 IS 90 (NINETY) FEET IN WIDTH
 BASED ON PLAN FOR ACQUISITION OF RIGHT-OF-WAY FOR LEG.
 ROUTE 90 SECTION 04M R/W IN VENANGO COUNTY, SIGNED BY THE
 SECRETARY OF TRANSPORTATION ON MARCH 6, 1986

THE LEGAL RIGHT OF WAY ON S.R. 0427 (BRADLEYTOWN ROAD),
 FORMERLY L.R. 90 FROM STA. 236+36.00 TO STA. 275+65.00 AND
 FROM 287+15 TO STA. STA. 310+54.00, AND FROM STA. 315+57.00
 TO STA. 343+80.00 IS VARIABLE BASED ON THE ACTUAL WIDTHS
 OCCUPIED BY PAVEMENT AND SHOULDER AS MEASURED IN THE
 FIELD. THERE IS NO PUBLIC RECORD OF ANY OTHER WIDTH.

THE LEGAL RIGHT OF WAY ON S.R. 0427 FORMERLY L.R. 90
 FROM STA. 275+65.00 TO STA. 287+15.00 IS VARIABLE
 IN WIDTH FROM 50 (FIFTY) FEET TO 140 (ONE HUNDRED
 FORTY) FEET BASED ON ACQUISITION OF RIGHT-OF-WAY PLAN
 FOR S.R. 0427 B00-R/W, SIGNED BY THE GOVERNOR ON
 SEPTEMBER 15TH, 1994.

THE LEGAL RIGHT OF WAY ON S.R. 0427 FORMERLY LR 90,
 FROM STA. 310+54.00 TO STA. 315+57.00 IS VARIABLE IN WIDTH
 FROM TWENTY FIVE (25) FEET TO EIGHTY EIGHT (88) FEET
 BASED ON PLANS FOR DRAWINGS AUTHORIZING ACQUISITION OF
 RIGHT-OF-WAY FOR S.R. 0427 SECTION B00 R/W, AS APPROVED AND
 SIGNED BY THE SECRETARY OF TRANSPORTATION ON AUGUST 2, 2016

THE DEPARTMENT OF TRANSPORTATION DOES NOT GUARANTEE
 THE ACCURACY OF THE LOCATION FOR EXISTING SUBSURFACE
 UTILITIES STRUCTURES NOR SUBSURFACE STRUCTURES THAT ARE
 SHOWN.

CONSTRUCT PROJECT IN ACCORDANCE WITH SPECIFICATIONS,
 PUBLICATION 408.

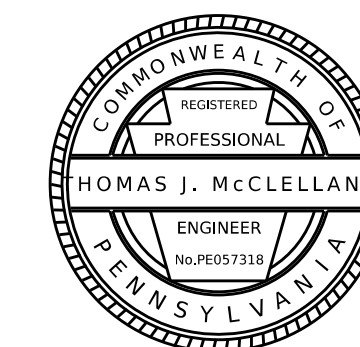
ALL CURVE DATA IS BASED ON THE ARC DEFINITION UNLESS
 OTHERWISE INDICATED.

THE VERTICAL CONTROL IS BASED UPON THE NORTH AMERICAN
 VERTICAL DATUM OF 1988 (NAVD 88).

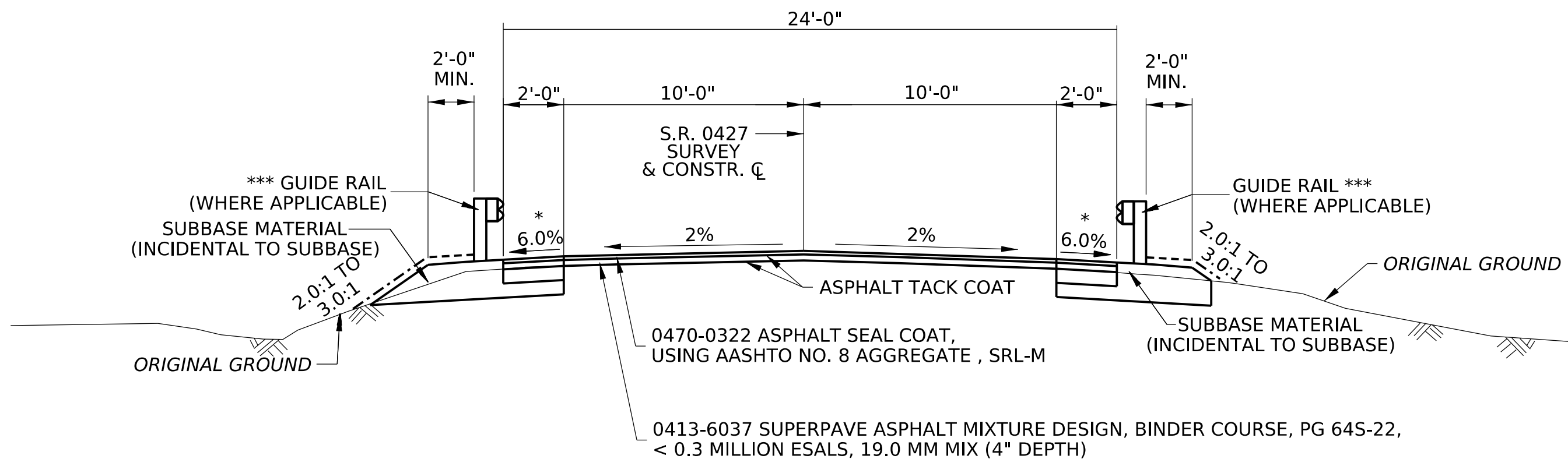
PROJECT IS TIED TO THE PENNSYLVANIA STATE PLANE COORDINATE
 SYSTEM ZONE NORTH NAD 83 (2011). GRID AZIMUTH WAS HELD
 BETWEEN CONTROL POINTS AND ALL SURVEY MEASUREMENTS WERE
 OBTAINED WITHOUT GEODETIC SCALING TO MAINTAIN TRUE GROUND
 DISTANCES. AS A RESULT, NO SCALE FACTOR WAS USED FOR THIS
 PROJECT.

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

RC-10M	JUN 01, 2010	RC-45M	SEPT 15, 2016
RC-13M	JUN 01, 2010	RC-46M	SEPT 15, 2016
		RC-50M	FEB 08, 2019
		RC-51M	DEC 17, 2019
		RC-53M	DEC 17, 2019
		RC-64M	JUN 01, 2010
RC-25M	FEB 08, 2019	RC-67M	DEC 17, 2019
RC-28M	FEB 08, 2019	RC-70M	FEB 08, 2019
RC-30M	DEC 17, 2019	RC-72M	FEB 08, 2019
RC-31M	JUN 01, 2010	RC-92M	JUN 01, 2010
RC-32M	JUN 01, 2010		



DISTRICT	COUNTY	ROUTE	SECTION	SHEET
01	VENANGO	0427	05M	6 OF 41
REV NO	REVISIONS	DATE	BY	APPD



TYPICAL SECTION - 4" ASPHALT OVERLAY WITH GUIDE RAIL

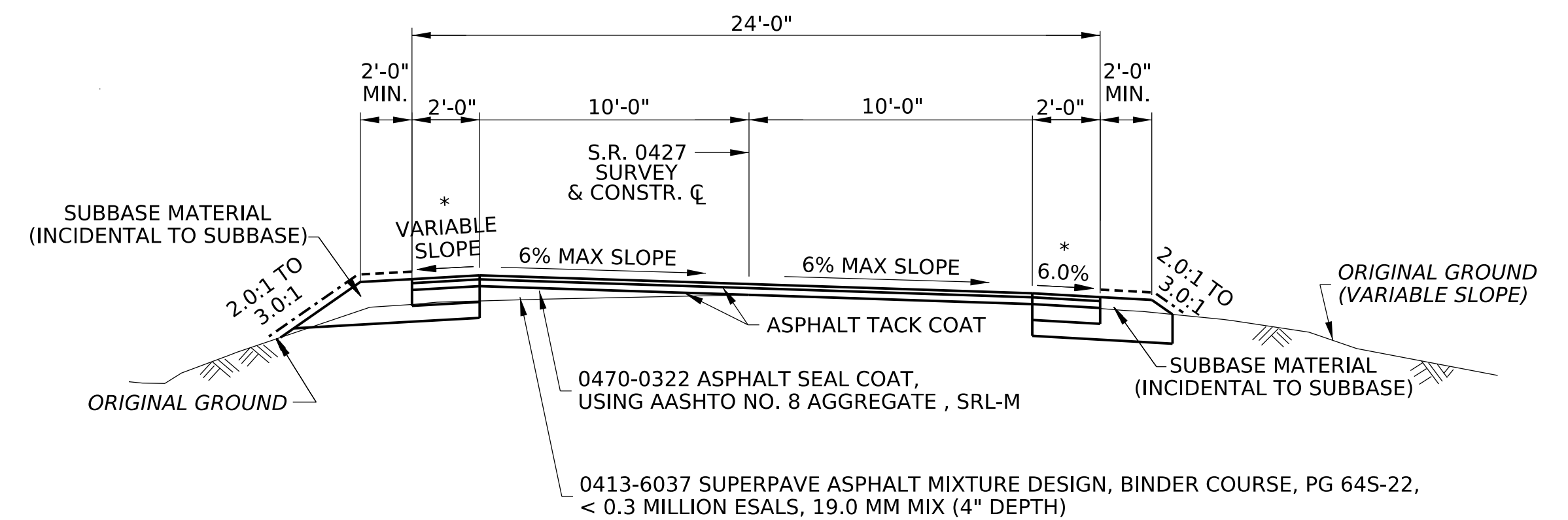
TANGENT SECTIONS
STA. 813+32.00 TO STA. 814+00.00

LEGEND

- ASPHALT PRIME COAT
- - - SEEDING AND SOIL SUPPLEMENTS

*** GUIDE RAIL LOCATIONS
 STA. 11+78.00 TO STA. 16+05.00 RT
 STA. 20+07.00 TO STA. 23+16.00 RT
 STA. 24+33.00 TO STA. 29+41.00 RT
 STA. 57+85.00 TO STA. 62+07.00 RT
 STA. 65+54.00 TO STA. 68+94.00 RT
 STA. 115+85.00 TO STA. 117+90.50 RT NEW
 STA. 129+51.00 TO STA. 139+94.00 RT
 STA. 151+12.00 TO STA. 152+80.00 RT NEW
 STA. 180+16.00 TO STA. 183+28.00 RT NEW
 STA. 195+13.00 TO STA. 196+73.50 LT
 STA. 195+19.00 TO STA. 197+09.00 RT

*** GUIDE RAIL LOCATIONS
 STA. 234+00.00 TO STA. 234+80.00 LT/RT
 STA. 235+80.00 TO STA. 236+55.00 LT/RT
 STA. 278+59.00 TO STA. 279+87.00 LT
 STA. 278+95.00 TO STA. 280+03.00 RT
 STA. 280+80.50 TO STA. 281+04.50 LT
 STA. 280+94.50 TO STA. 283+54.00 RT
 STA. 311+81.00 TO STA. 312+07.00 RT
 STA. 311+94.00 TO STA. 312+00.00 LT
 STA. 312+67.00 TO STA. 314+68.50 LT
 STA. 312+68.00 TO STA. 313+42.00 RT



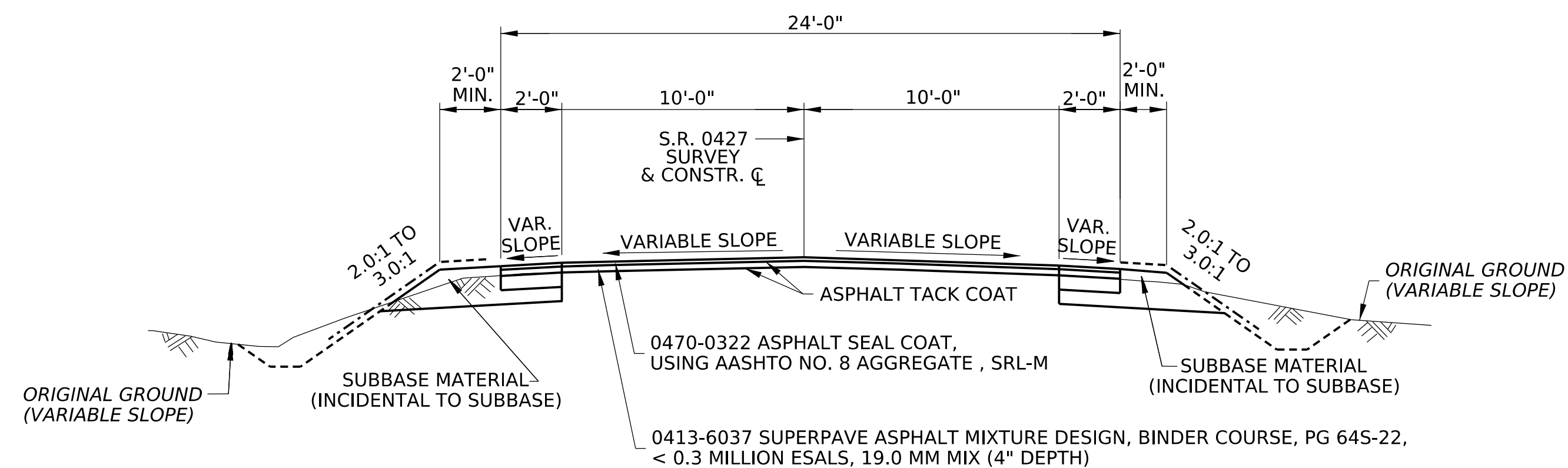
TYPICAL SECTION - 4" ASPHALT OVERLAY

* TYPE 6-SP SHOULDERS

SUPERELEVATED SECTIONS
 STA. 813+32.00 TO STA. 814+00.00
 STA. XXX+XX.00 TO STA. XXX+XX.XX
 STA. XXX+XX.00 TO STA. XXX+XX.XX
 STA. XXX+XX.00 TO STA. XXX+XX.XX
 STA. XXX+XX.00 TO STA. XXX+XX.XX
 STA. XXX+XX.00 TO STA. XXX+XX.XX
 STA. XXX+XX.00 TO STA. XXX+XX.XX

LEGEND

- ASPHALT PRIME COAT
- - - SEEDING AND SOIL SUPPLEMENTS

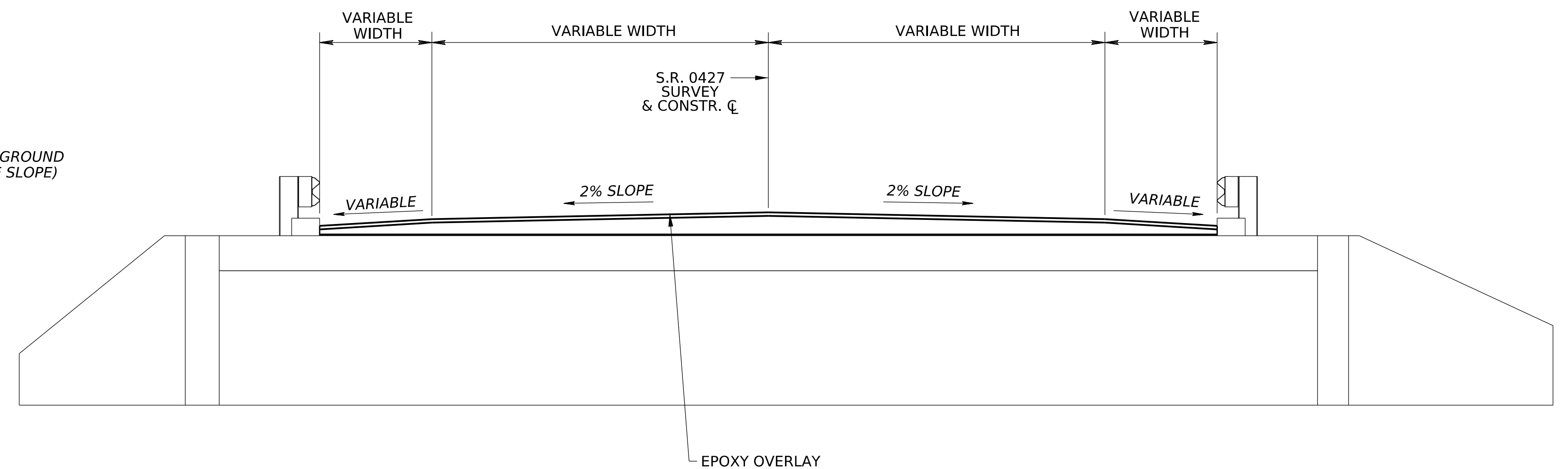


TYPICAL SECTION - 4" ASPHALT OVERLAY WITH DITCH

ENTIRE PROJECT AS DIRECTED

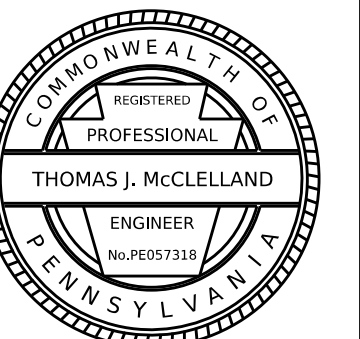
LEGEND

- ASPHALT PRIME COAT
- - - SEEDING AND SOIL SUPPLEMENTS

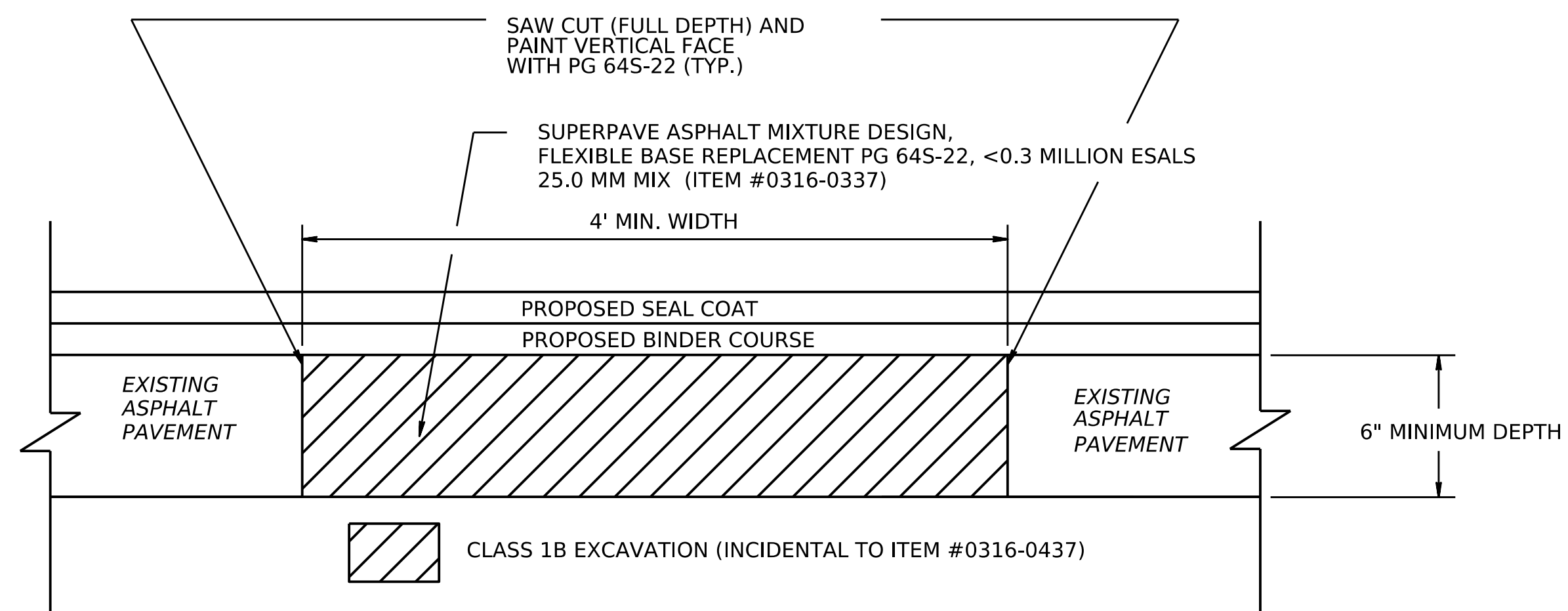


TYPICAL SECTION BRIDGE SECTIONS

STA. 234+79.11 TO STA. 235+76.34
 STA. 279+95.22 TO STA. 280+85.41
 STA. 312+10.18 TO STA. 312+64.85



DISTRICT	COUNTY	ROUTE	SECTION	SHEET
01	VENANGO	0427	05M	7 OF 41
REV NO	REVISIONS	DATE	BY	APPD



NOTES: REMOVE ALL EXISTING ASPHALT PAVEMENT WITHIN THE REPAIR AREA

REPLACE THE EXCAVATED AREA USING THE FLEXIBLE BINDER REPLACEMENT ITEM AS SHOWN IN THE DETAIL ABOVE.

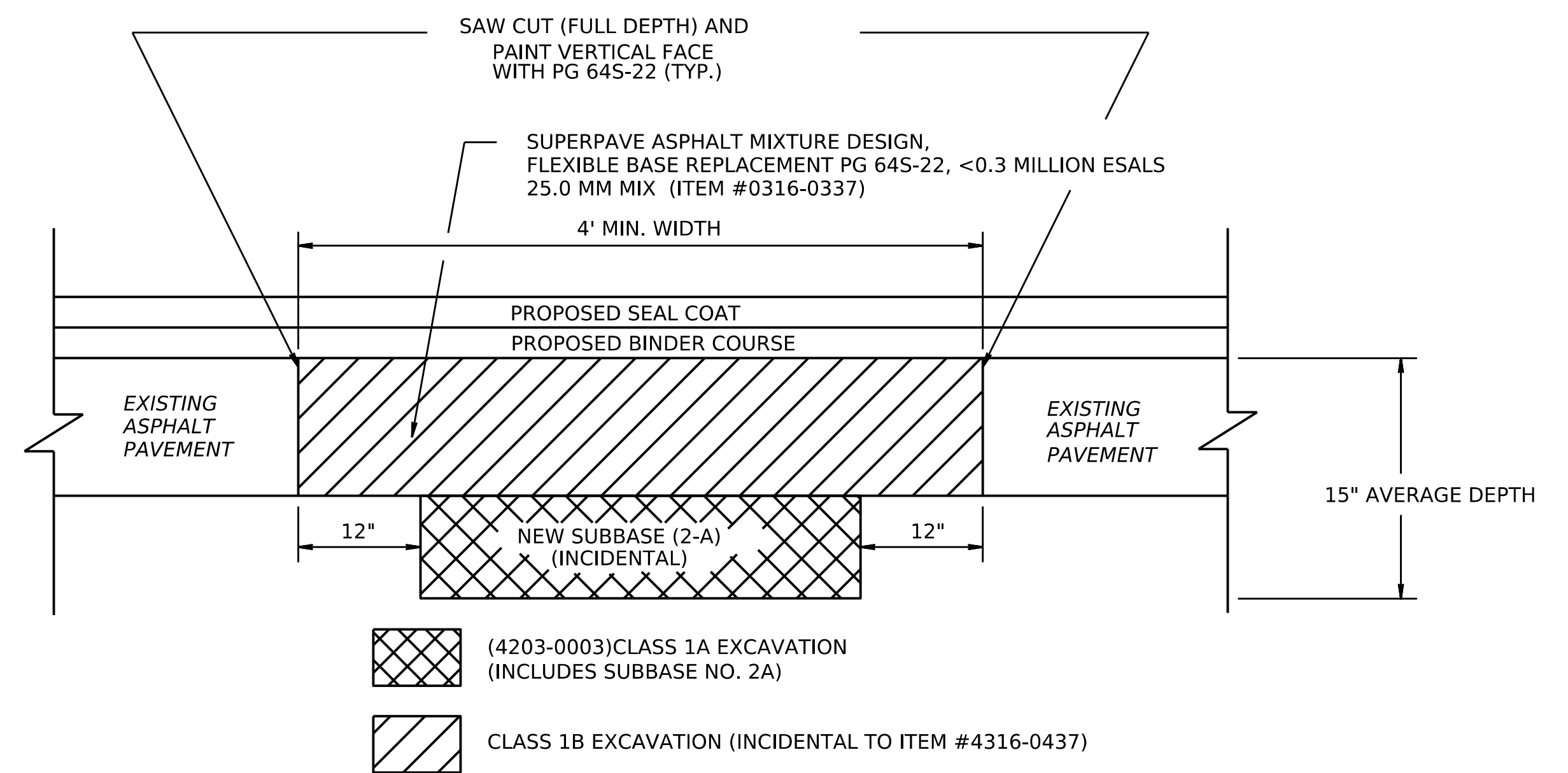
REPLACE PAVEMENT DISTURBED BY THIS OPERATION WITHIN THE SAME WORKING DAY.

USE THE ITEMS SHOWN ON THE ABOVE SKETCH TOGETHER, OR INDIVIDUALLY, WHEN FULL DEPTH PAVEMENT REPAIR IS REQUIRED, AS DIRECTED BY THE ENGINEER.

BASE REPAIRS ARE TO BE PERFORMED AFTER MILLING OPERATIONS

**PARTIAL DEPTH
LONGITUDINAL BASE REPAIR DETAIL**

LOCATIONS AS DIRECTED BY PROJECT MANAGER



NOTES: REMOVE ALL EXISTING ASPHALT PAVEMENT WITHIN THE REPAIR AREA

REPLACE THE EXCAVATED AREA USING THE FLEXIBLE BINDER REPLACEMENT ITEM AS SHOWN IN THE DETAIL ABOVE.

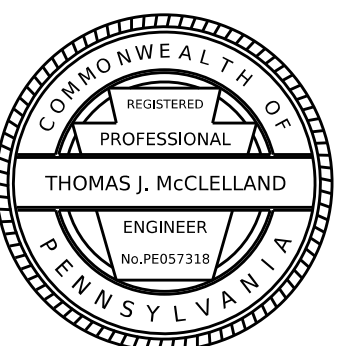
REPLACE PAVEMENT DISTURBED BY THIS OPERATION WITHIN THE SAME WORKING DAY.

USE THE ITEMS SHOWN ON THE ABOVE SKETCH TOGETHER, OR INDIVIDUALLY, WHEN FULL DEPTH PAVEMENT REPAIR IS REQUIRED, AS DIRECTED BY THE ENGINEER.

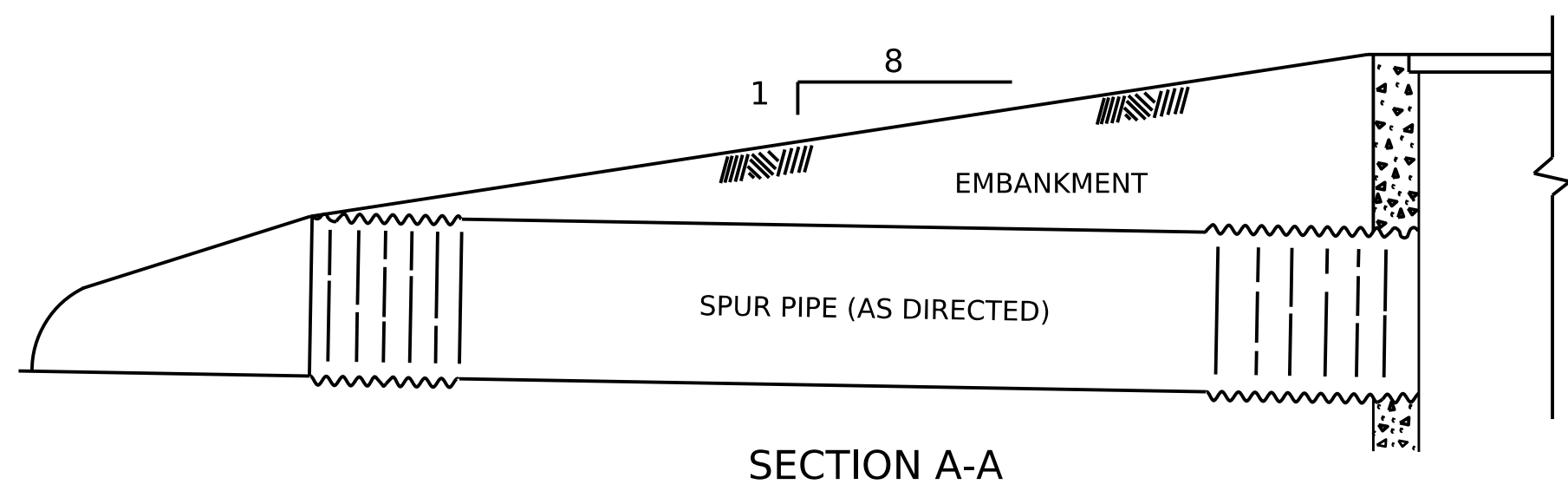
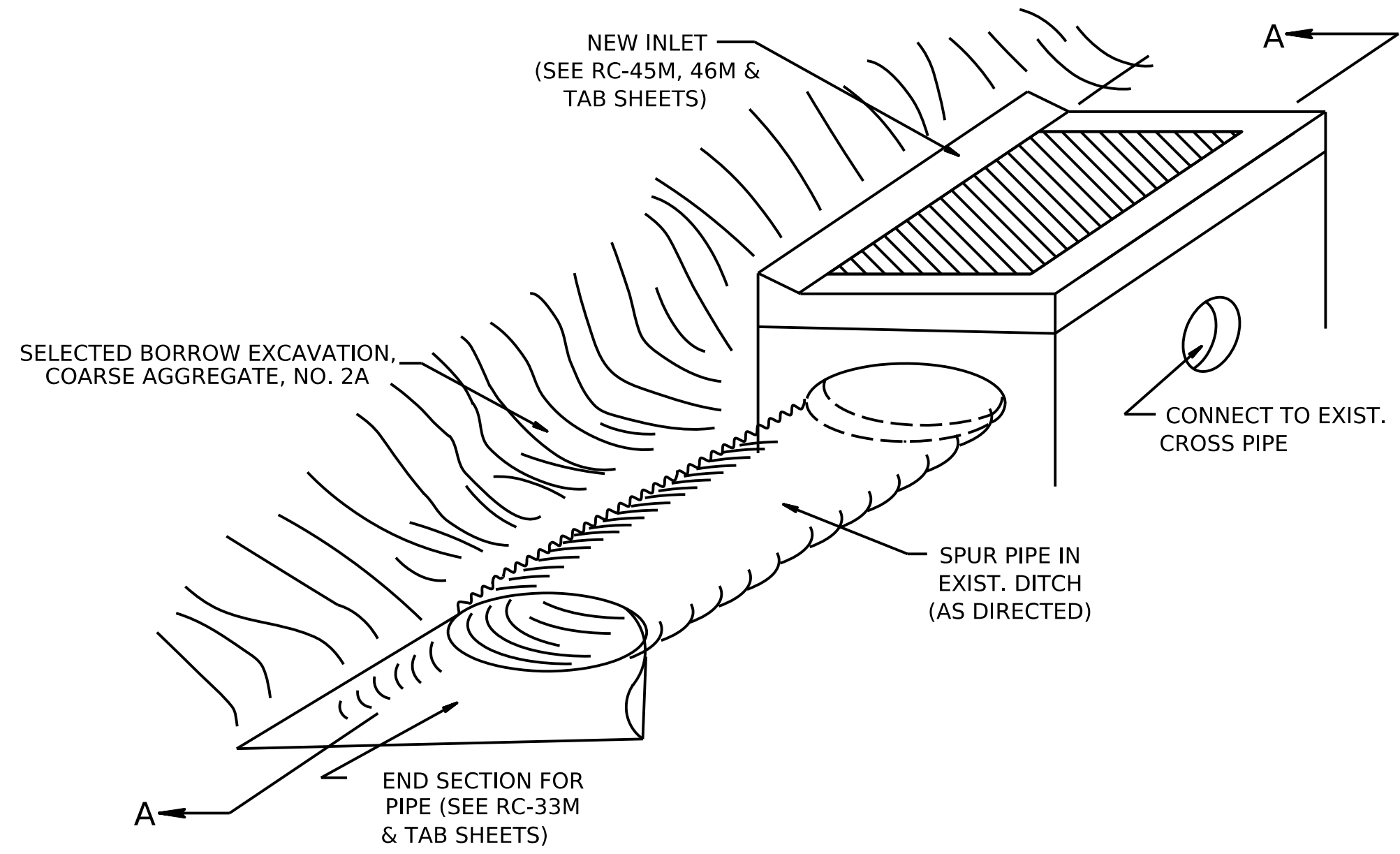
BASE REPAIRS ARE TO BE PERFORMED AFTER MILLING OPERATIONS

TRANSVERSE BASE REPAIR DETAIL

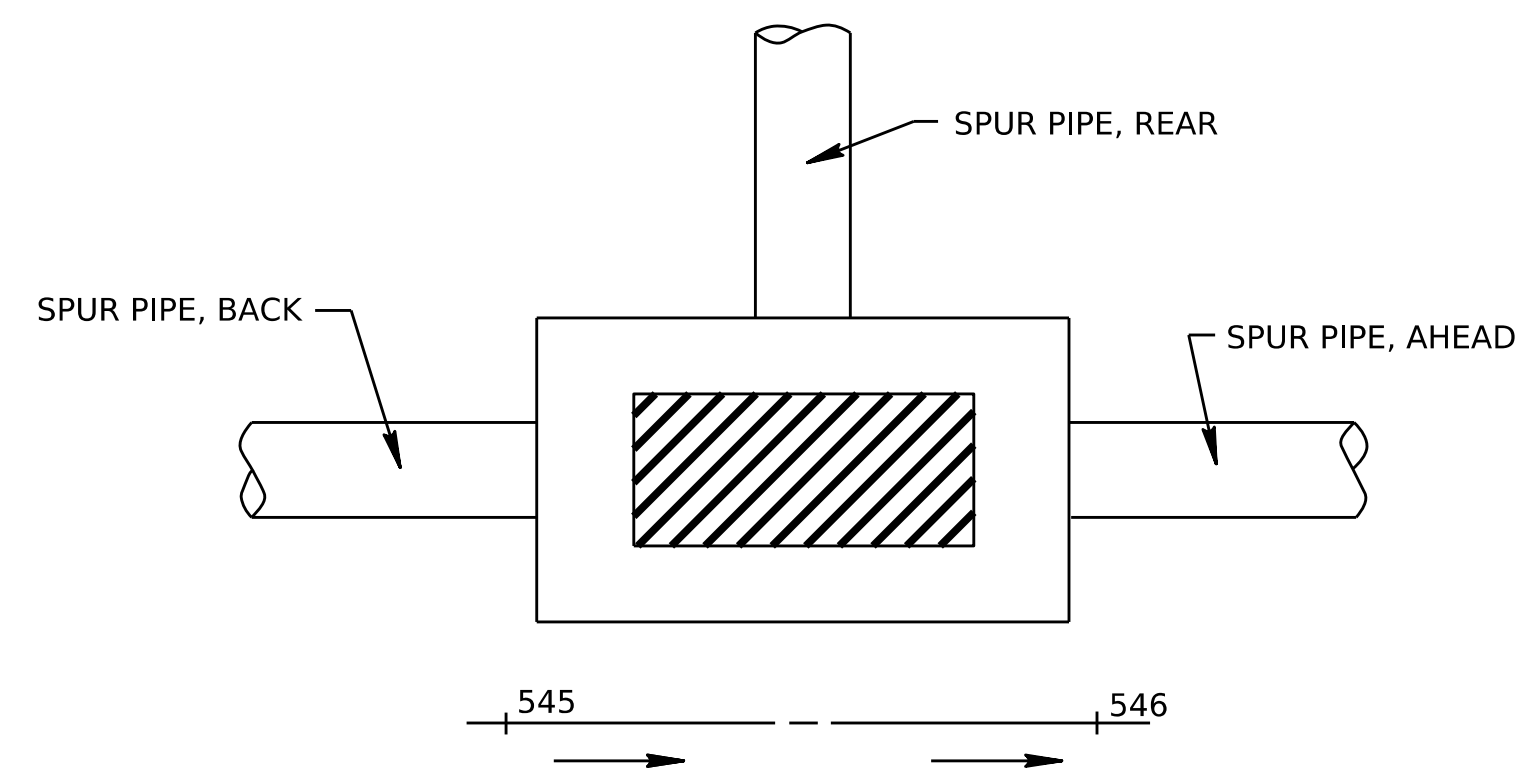
LOCATIONS AS DIRECTED BY PROJECT MANAGER



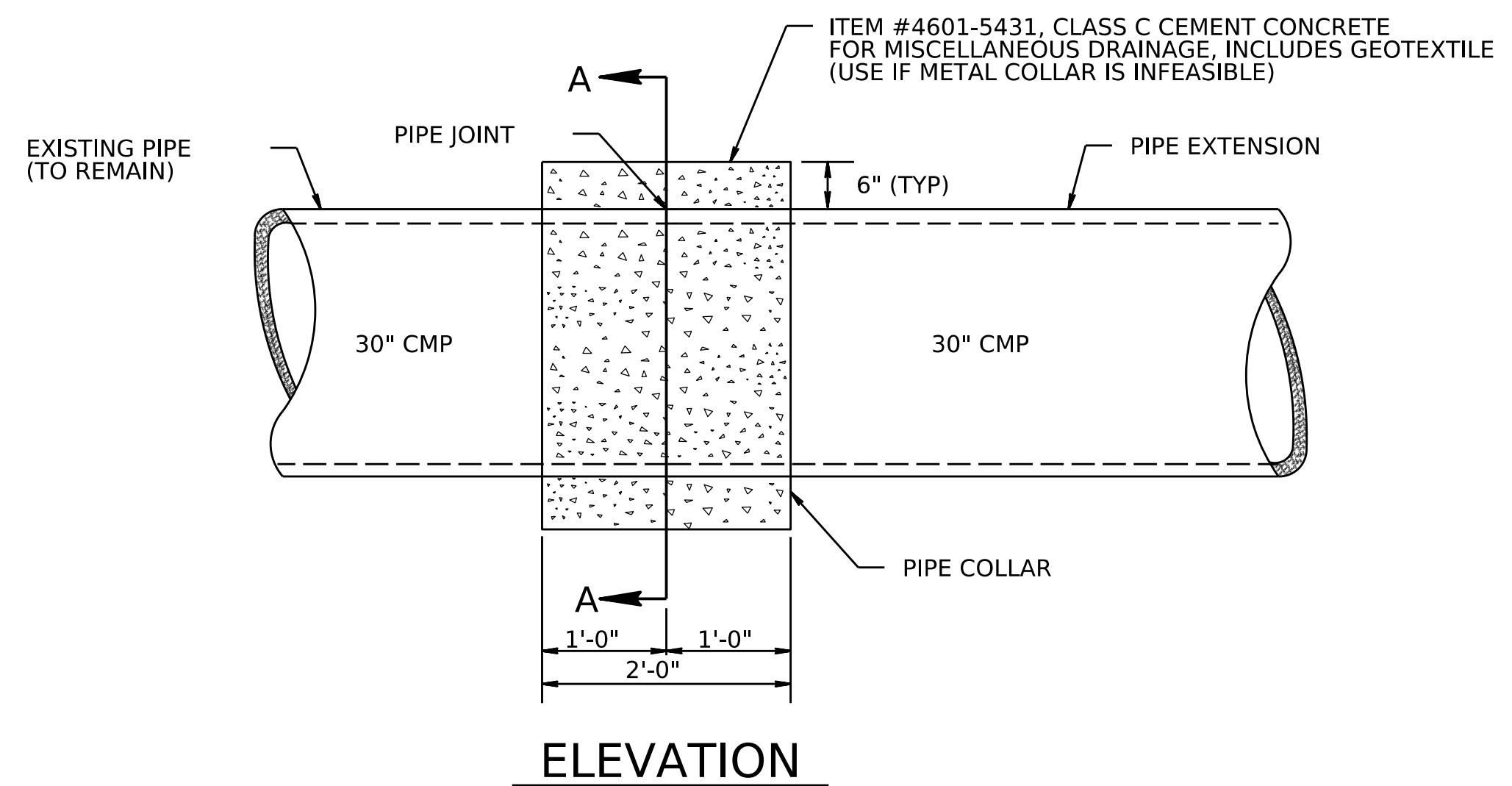
DISTRICT	COUNTY	ROUTE	SECTION	SHEET
01	VENANGO	0427	05M	8 OF 41
REV NO	REVISIONS	DATE	BY	APPD



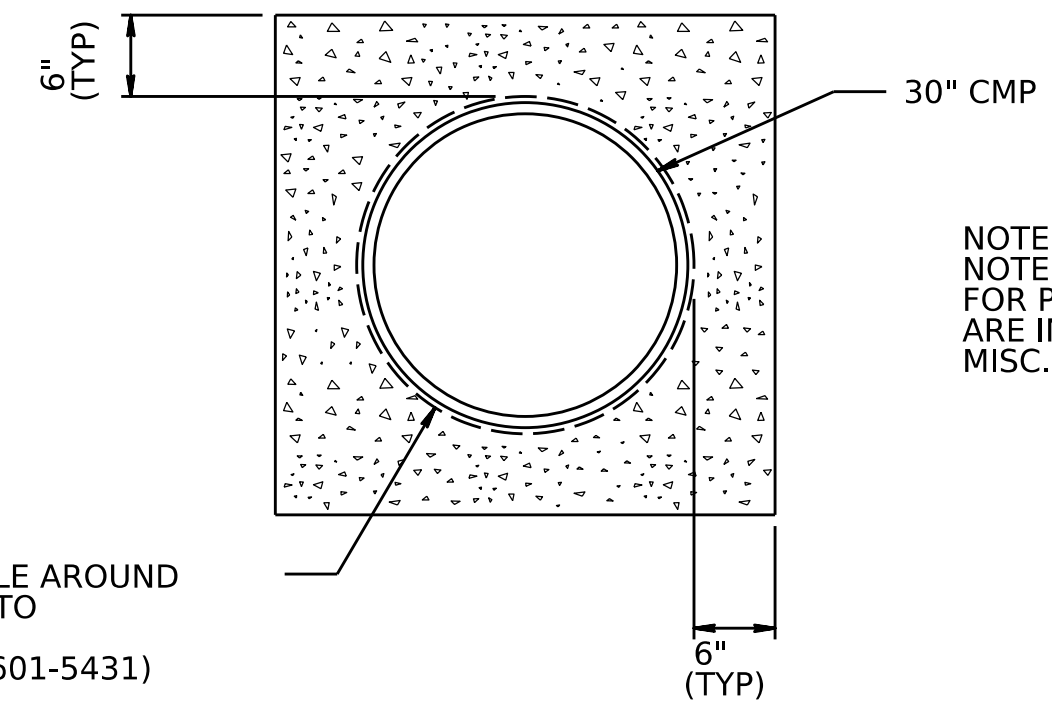
INSTALLATION OF NEW INLET AND PIPES



SKETCH SHOWING LOCATIONS OF SPUR PIPES



ELEVATION

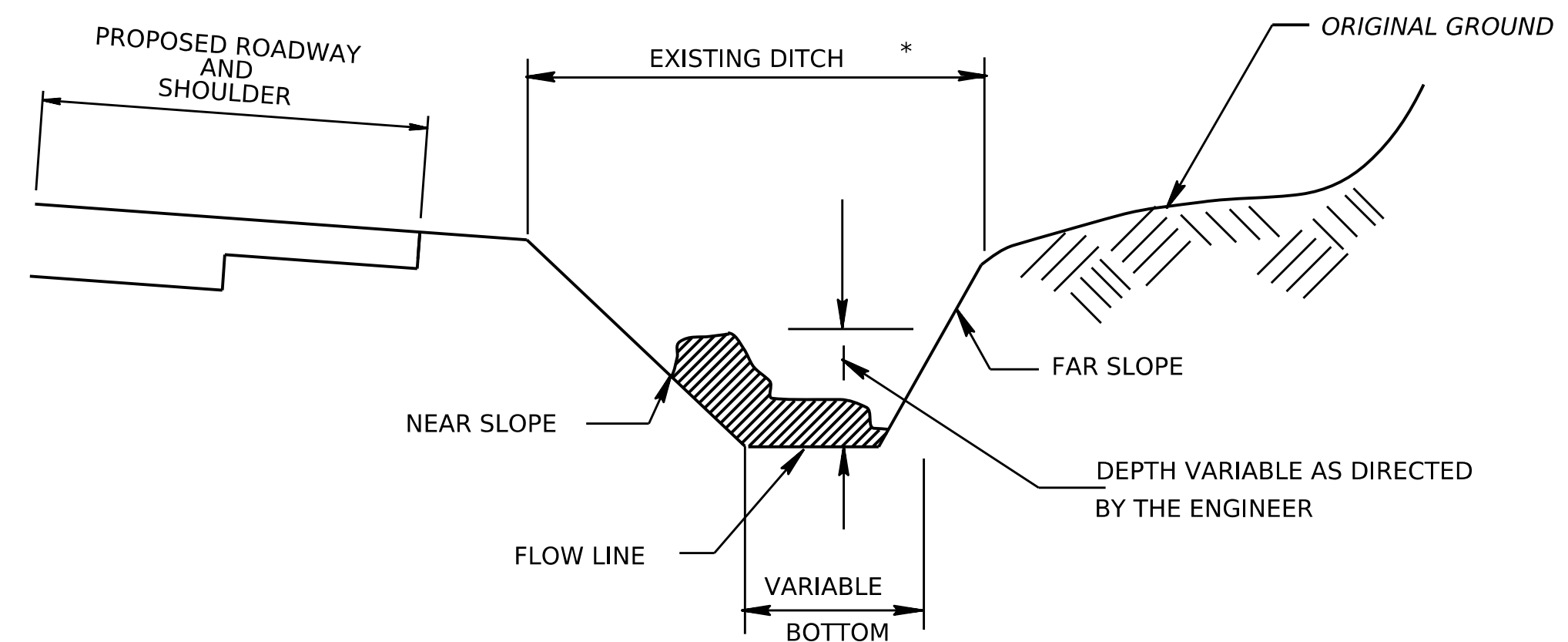


SECTION A-A

PIPE COLLAR

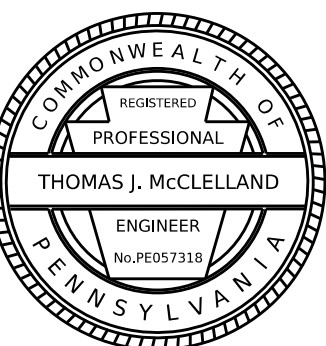
AS DIRECTED

WRAP CLASS 1 GEOTEXTILE AROUND ENTIRE PIPE JOINT PRIOR TO PLACING PIPE COLLAR (INCIDENTAL TO ITEM #4601-5431)

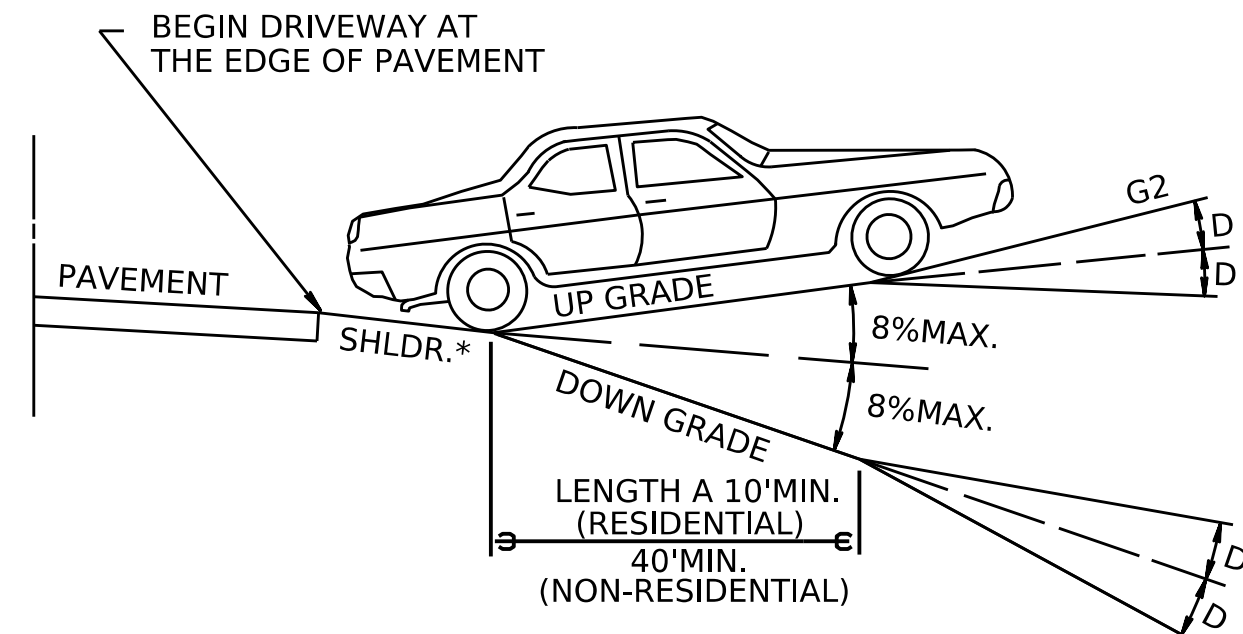


CLEANING EXISTING DITCHES

* DEFINITION OF EXISTING DITCH MAY NOT BE WELL DEFINED.

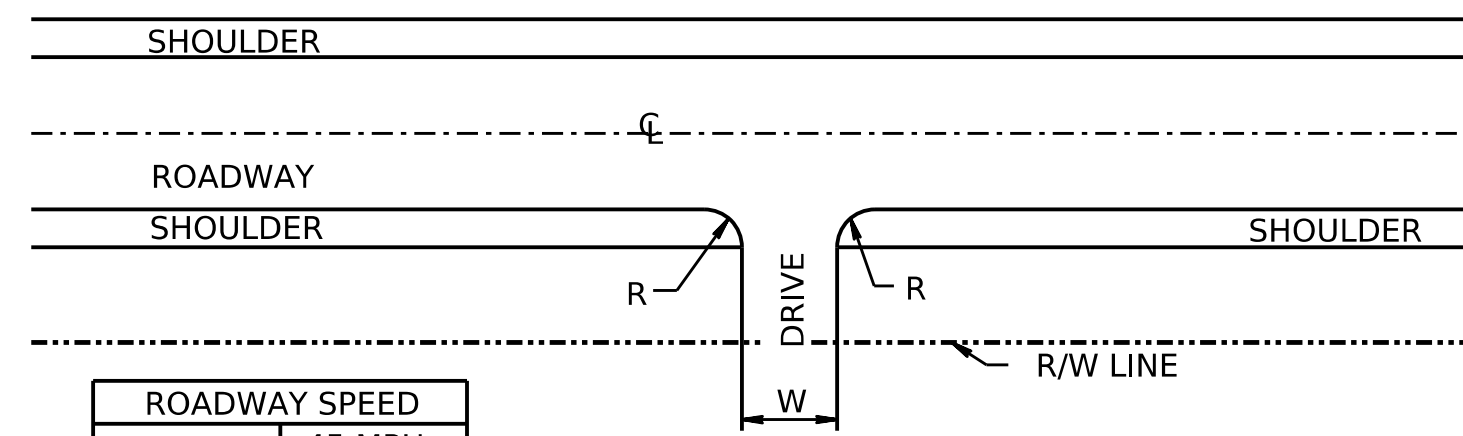


DISTRICT	COUNTY	ROUTE	SECTION	SHEET
01	VENANGO	0427	05M	9 OF 41
REV NO	REVISIONS	DATE	BY	APPD



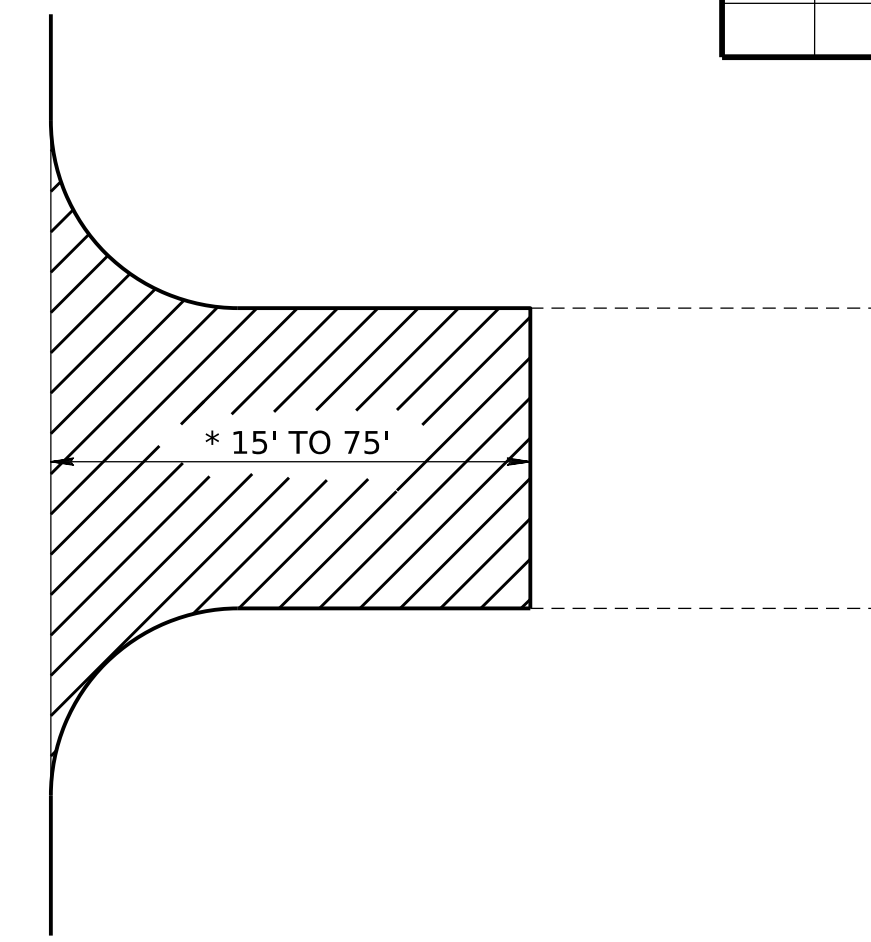
* THE SHOULDER SLOPE USUALLY VARIES FROM $\frac{5}{64}$ "/FT. (4%) TO $\frac{6}{64}$ "/FT. (6%). HOWEVER, THE SHOULDER SLOPE SHOULD BE MAINTAINED WHEN CONSTRUCTING THE DRIVEWAY.
FOR GRADES GREATER THAN THOSE SHOWN IN THIS DETAIL, VERTICAL CURVES AT LEAST 10' LONG SHALL BE CONSTRUCTED AND LENGTH "A" SHALL BE INCREASED.
GRADES (G2) SHALL BE LIMITED TO 15% FOR RESIDENTIAL DRIVEWAYS AND FROM 5% TO 8% FOR NON-RESIDENTIAL DRIVEWAYS WITHIN THE RIGHT OF WAY.

	MAXIMUM GRADE CHANGE (D)	
	DESIRABLE	MAXIMUM
HIGH VOLUME DRIVEWAY	0%	3%
MEDIUM VOLUME DRIVEWAY	3%	6%
LOW VOLUME DRIVEWAY	6%	CONTROLLED BY VEHICLE CLEARANCE



	ROADWAY SPEED			
	45 MPH		45 MPH GREATER	
	MIN	MAX	MIN	MAX
W	10'	20'	10'	20'
R	5'	15'	10'	25'

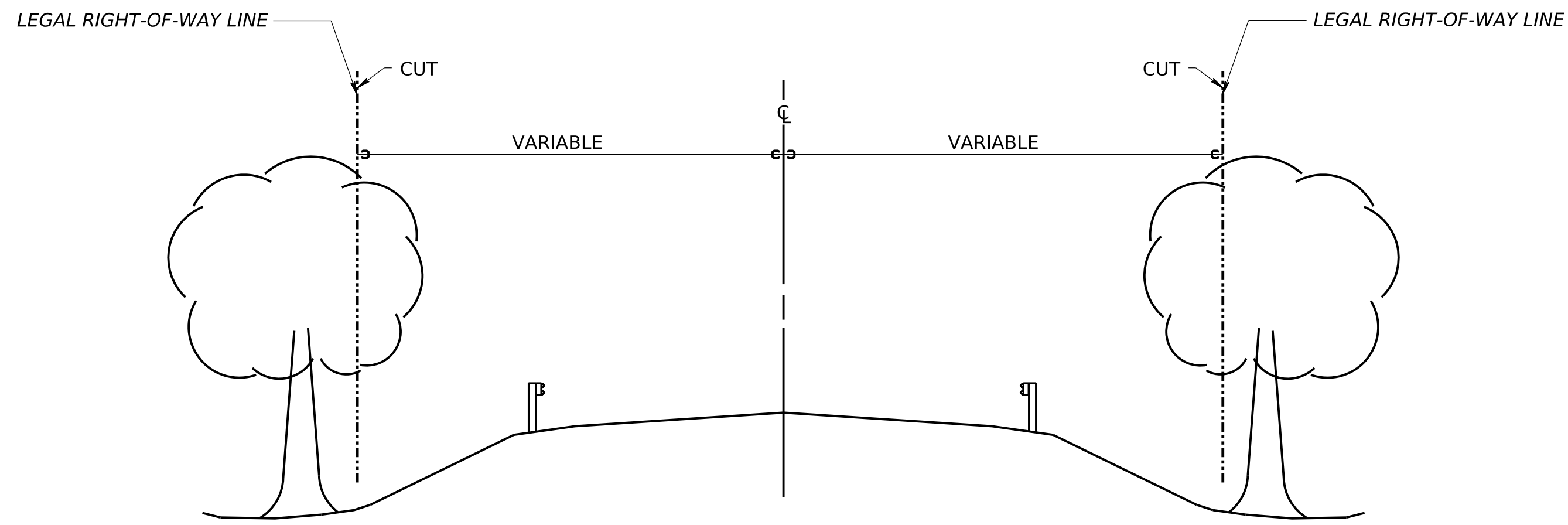
RESIDENTIAL DRIVE



- MILLING OF ASPHALT PAVEMENT SURFACE
- WEARING COURSE
- LEVELING COURSE

LIMITS OF PAVING AT INTERSECTIONS

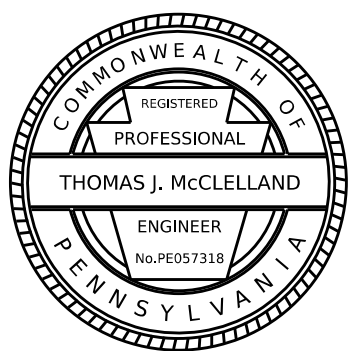
- * FACTORY STREET STA. 12+15 LT 20'
- * BRINK STREET STA. 16+75 LT 35'
- * NORTH MAIN STREET STA. 17+00 LT 50'
- * ACADEMY STREET STA. 22+75 LT 30'
- * CREEK ROAD STA. 74+25 RT 40'
- * WRIGHT ROAD STA. 141+80 RT 40'
- * JACKSON PLUM ROAD STA. 192+75 LT 30'
- * RIDGEVIEW/WHITE ROAD STA. 241+75 RT 75'



LIMITS OF TREE TRIMMING OUTSIDE OF BOROUGH LIMITS

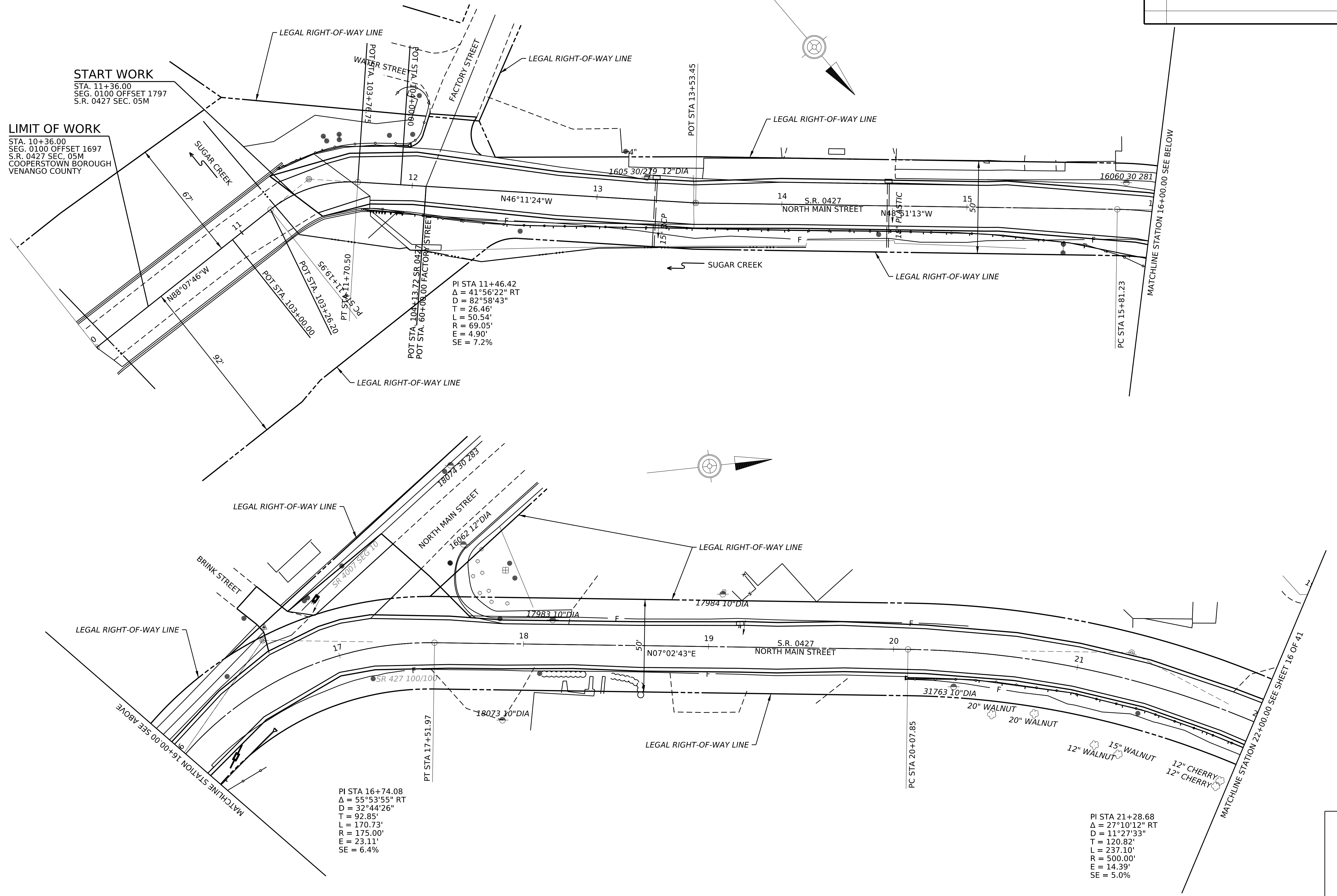
TREE TRIMMING

FOR INFORMATION USE ONLY
(OTHER AS DIRECTED)



DISTRICT	COUNTY	ROUTE	SECTION	SHEET
01	VENANGO	0427	05M	14 OF 41

REV NO	REVISIONS	DATE	BY	APPD



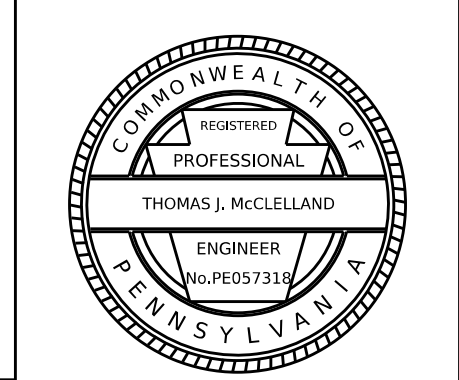
START WORK
 STA. 11+36.00
 SEG. 0100 OFFSET 1797
 S.R. 0427 SEC. 05M

LIMIT OF WORK
 STA. 10+36.00
 SEG. 0100 OFFSET 1697
 S.R. 0427 SEC. 05M
 COOPERSTOWN BOROUGH
 VENANGO COUNTY

PI STA 11+46.42
 $\Delta = 41^\circ 56' 22''$ RT
 $D = 82^\circ 58' 43''$
 $T = 26.46'$
 $L = 50.54'$
 $R = 69.05'$
 $E = 4.90'$
 $SE = 7.2\%$

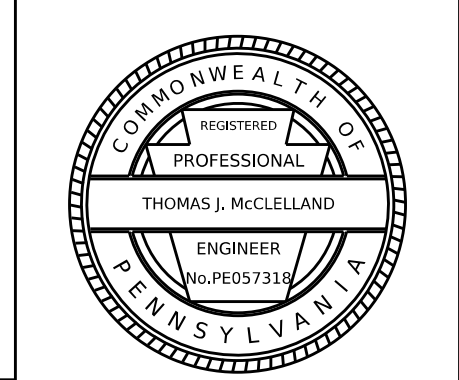
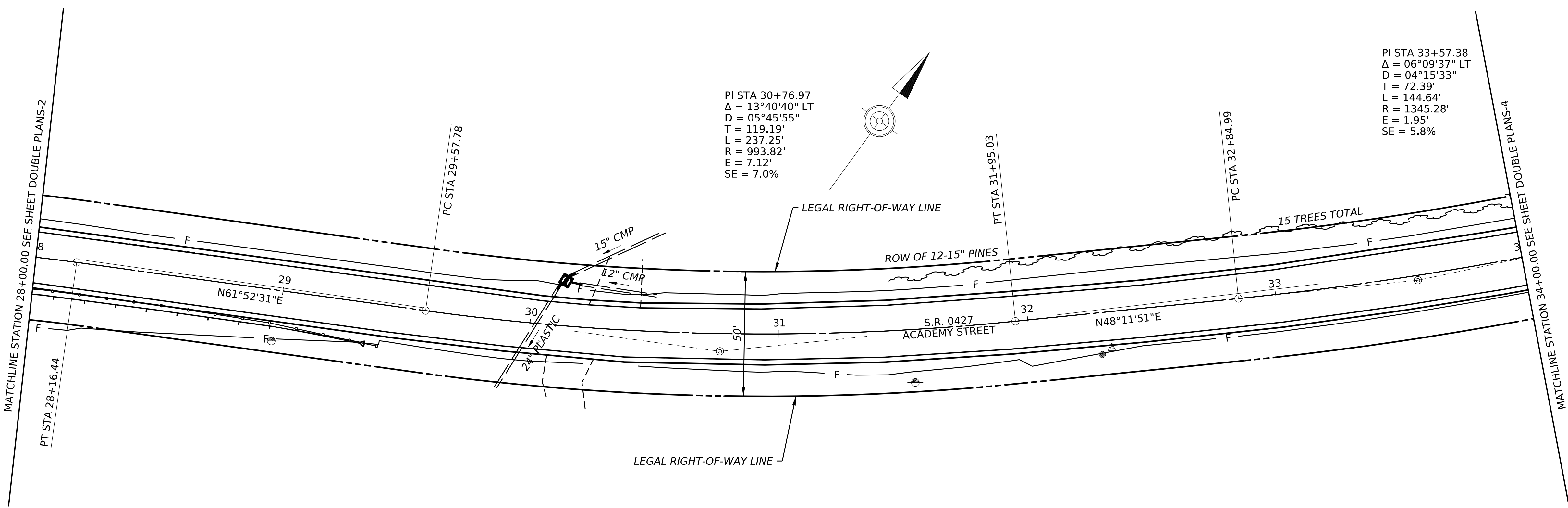
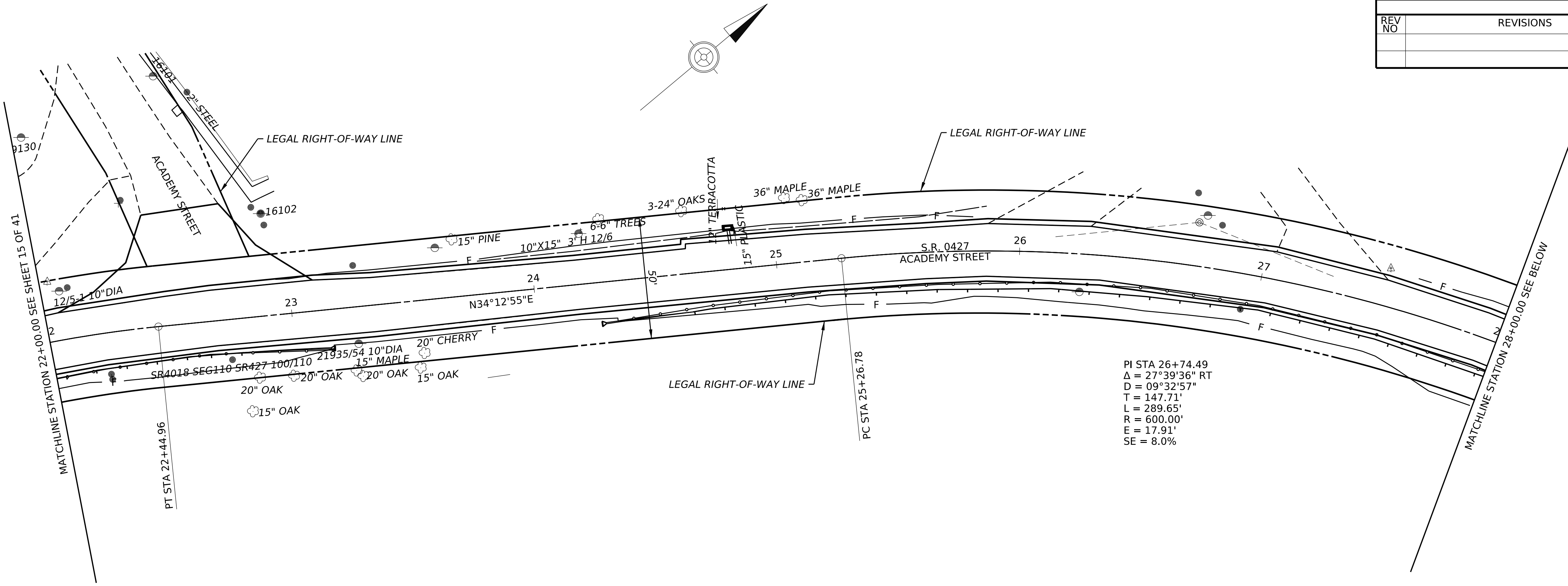
PI STA 16+74.08
 $\Delta = 55^\circ 53' 55''$ RT
 $D = 32^\circ 44' 26''$
 $T = 92.85'$
 $L = 170.73'$
 $R = 175.00'$
 $E = 23.11'$
 $SE = 6.4\%$

PI STA 21+28.68
 $\Delta = 27^\circ 10' 12''$ RT
 $D = 11^\circ 27' 33''$
 $T = 120.82'$
 $L = 237.10'$
 $R = 500.00'$
 $E = 14.39'$
 $SE = 5.0\%$



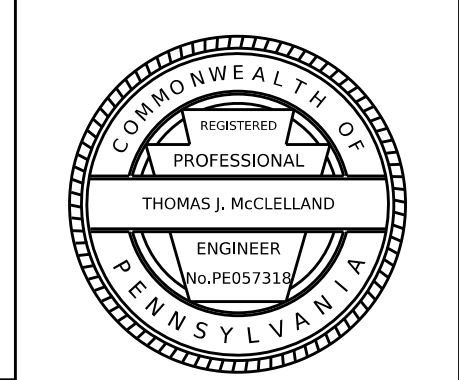
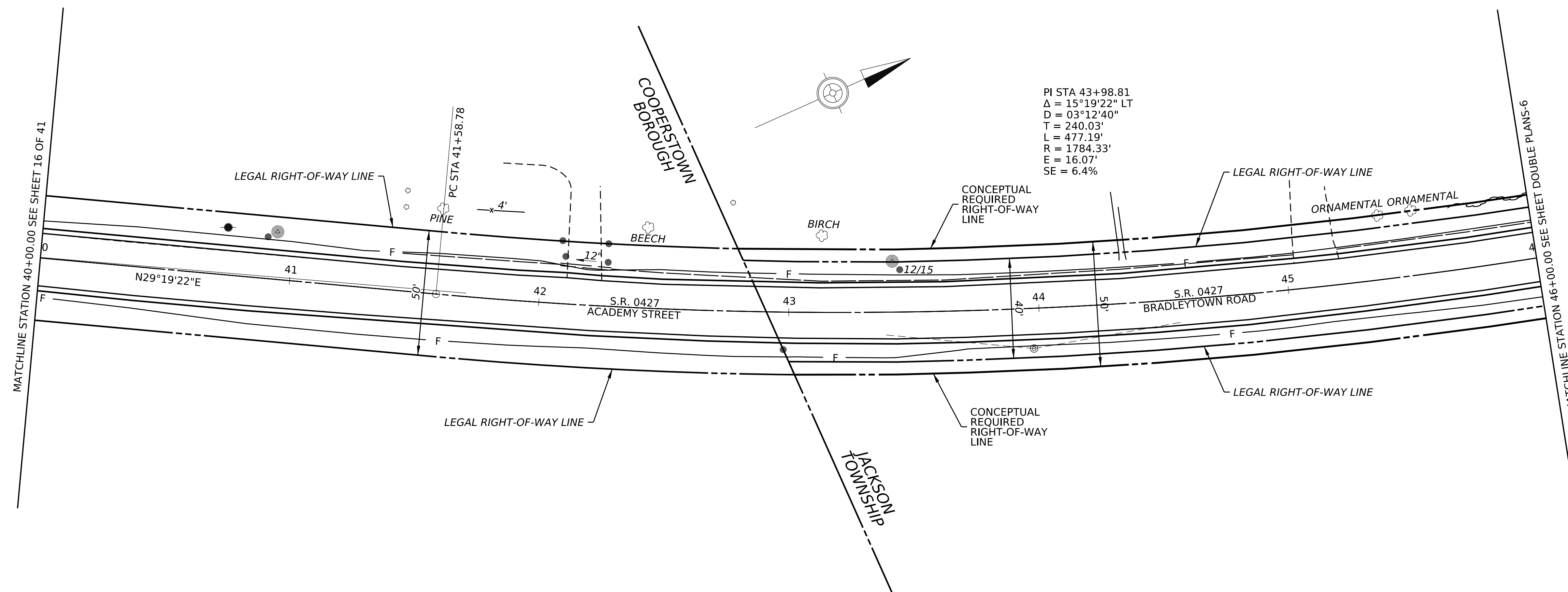
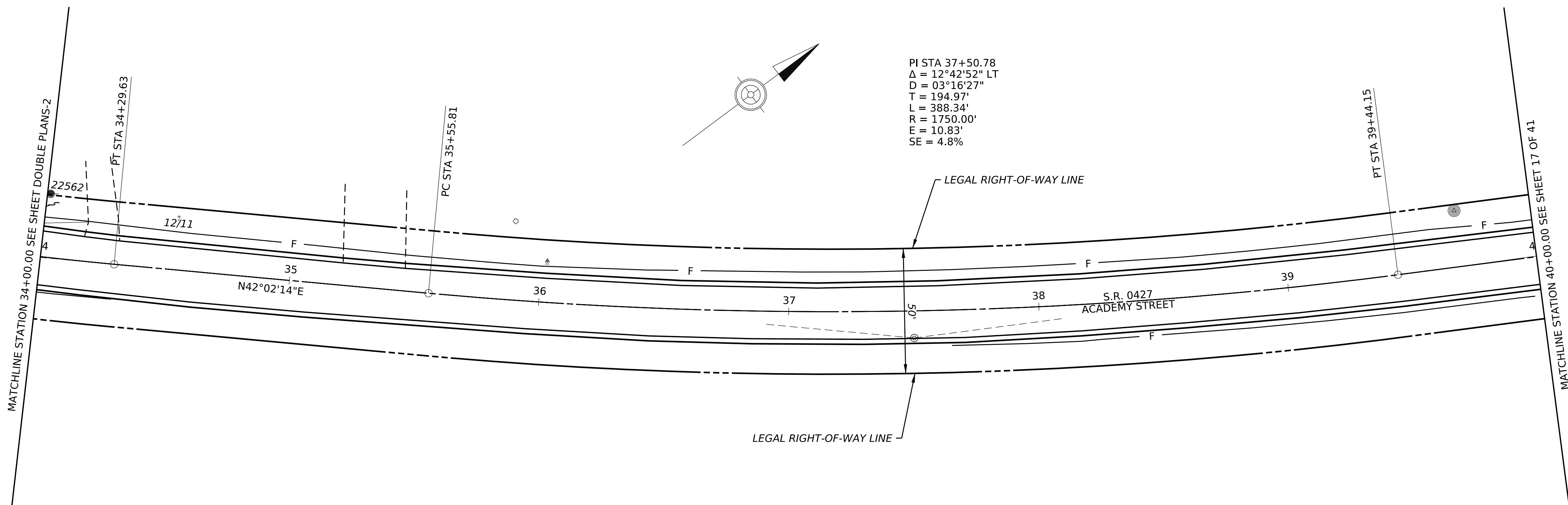
DISTRICT	COUNTY	ROUTE	SECTION	SHEET
01	VENANGO	0427	05M	16 OF 42

REV NO	REVISIONS	DATE	BY	APPD



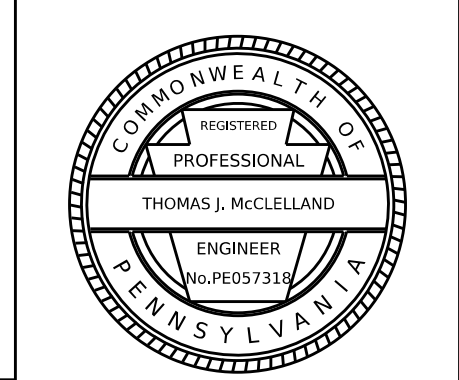
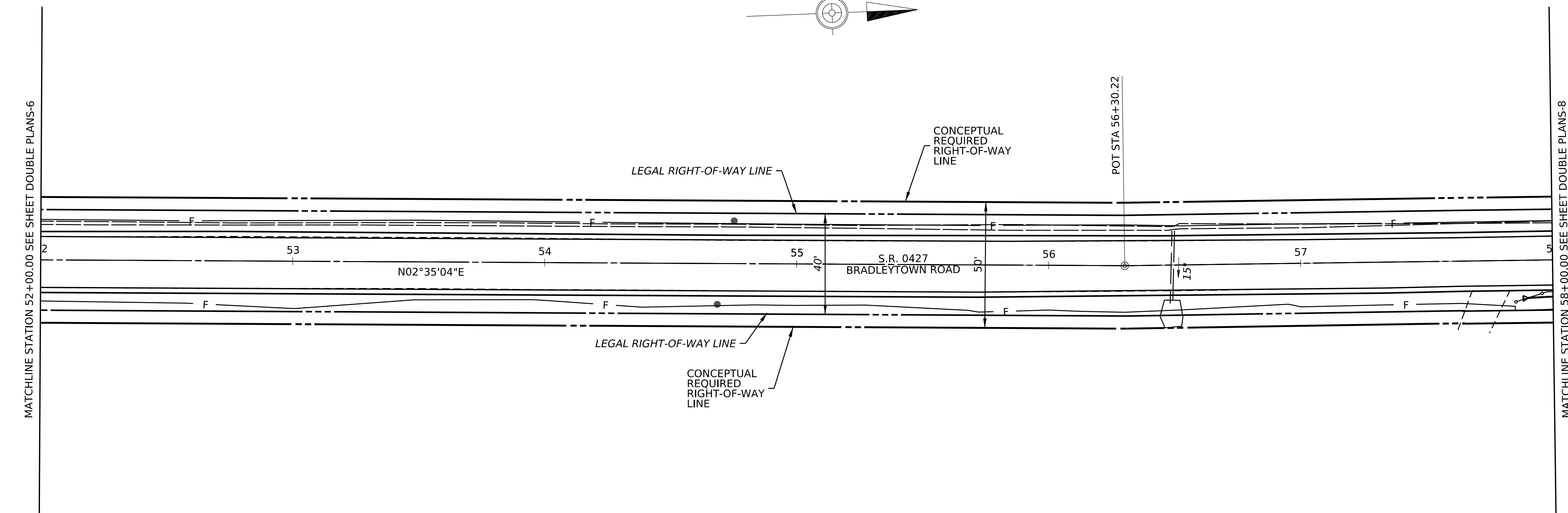
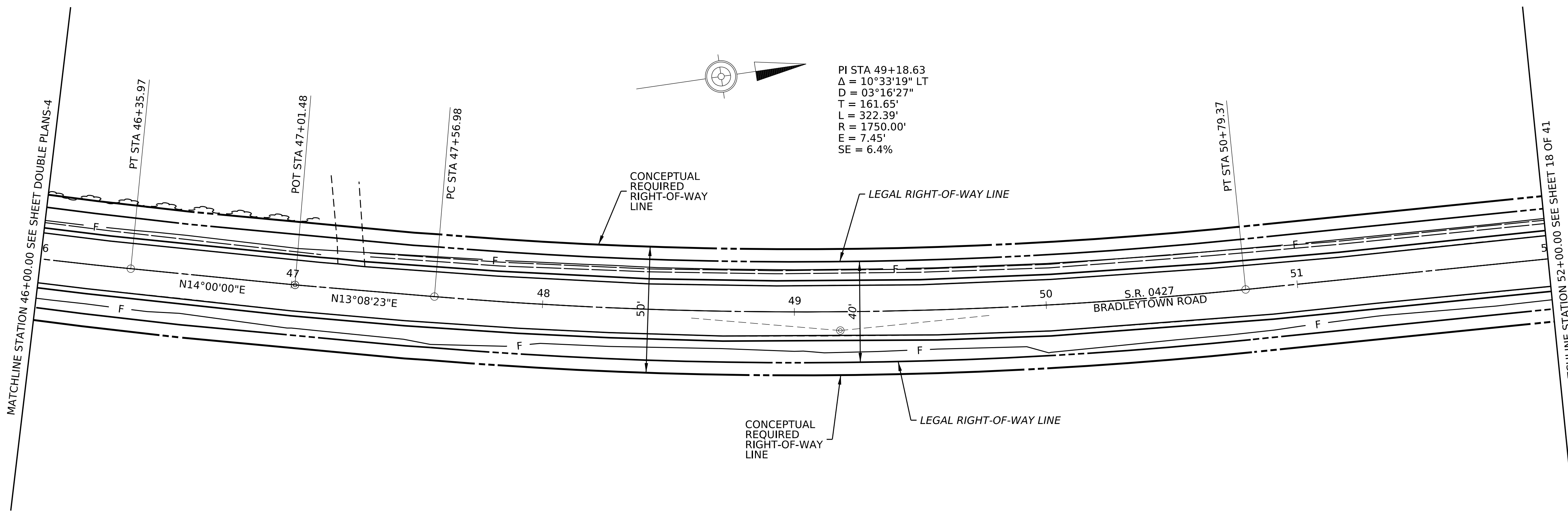
DISTRICT	COUNTY	ROUTE	SECTION	SHEET
01	VENANGO	0427	05M	17 OF 42

REV NO	REVISIONS	DATE	BY	APPD



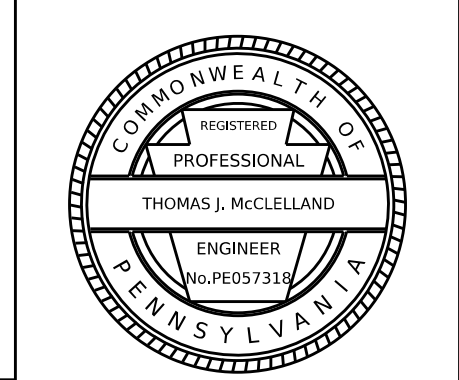
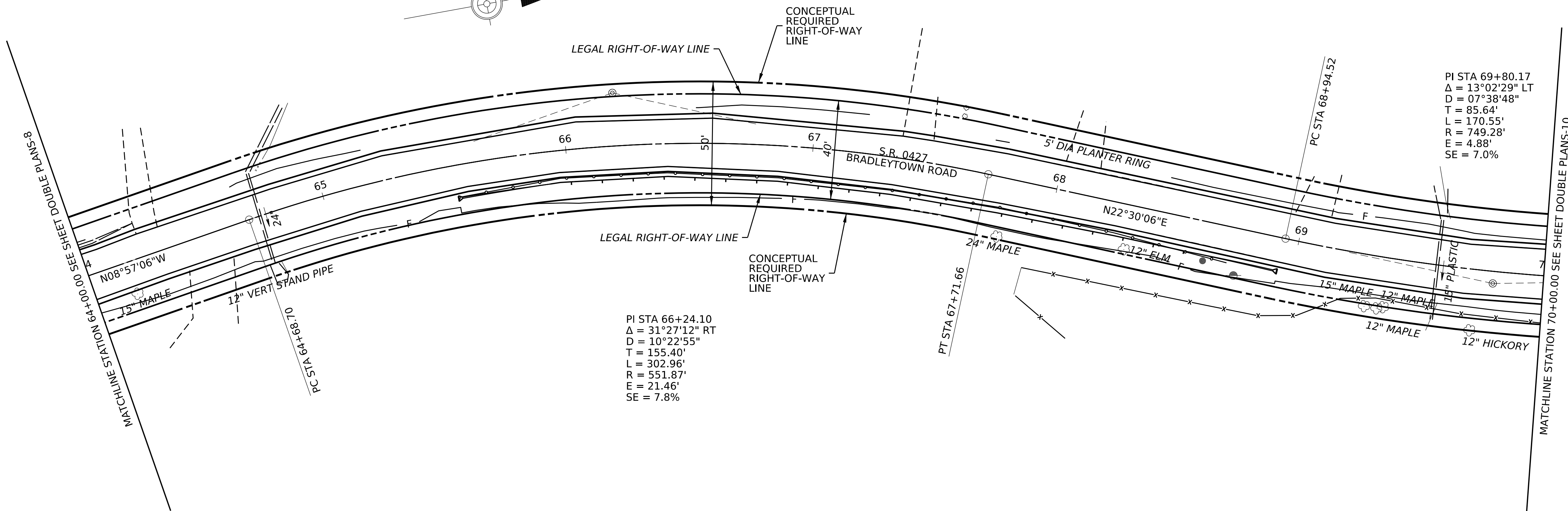
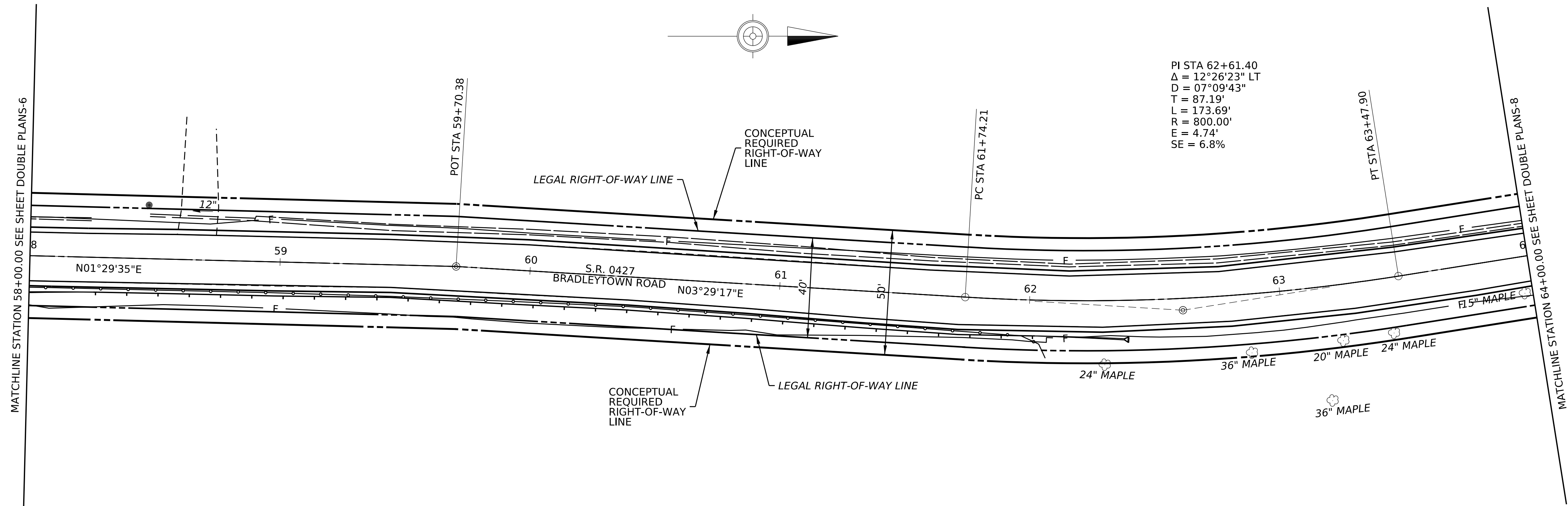
DISTRICT	COUNTY	ROUTE	SECTION	SHEET
01	VENANGO	0427	05M	18 OF 42

REV NO	REVISIONS	DATE	BY	APPD



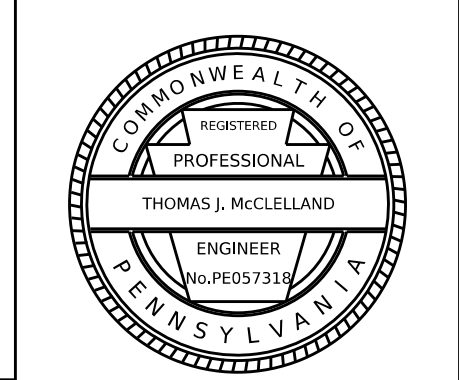
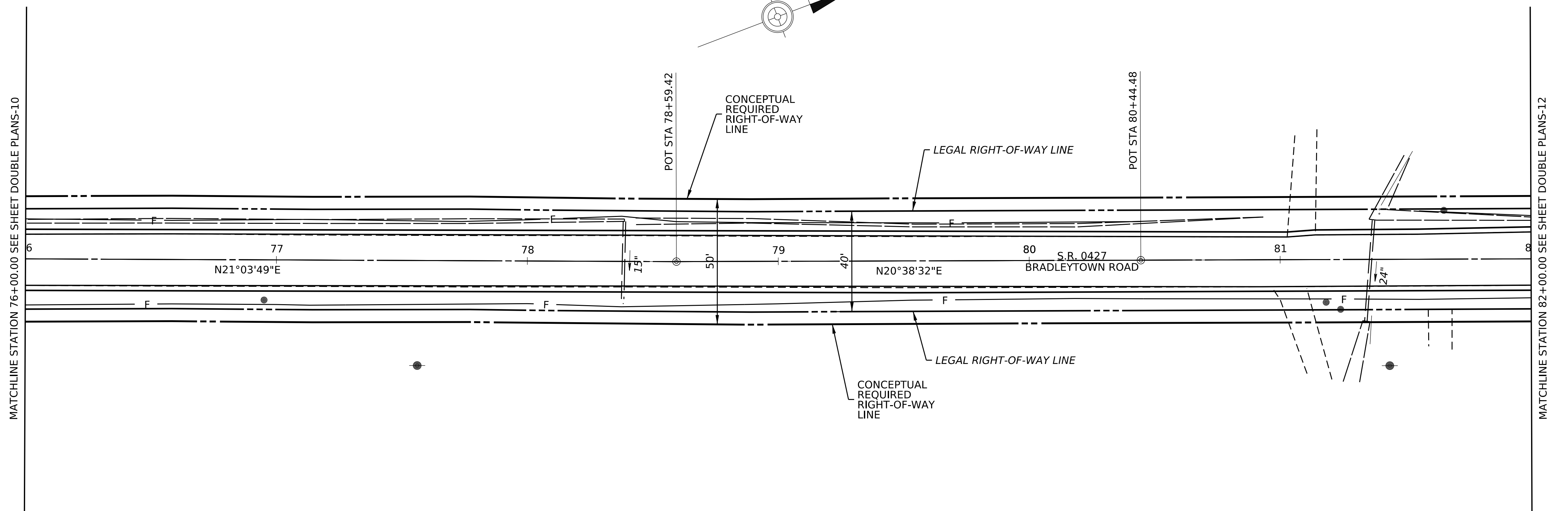
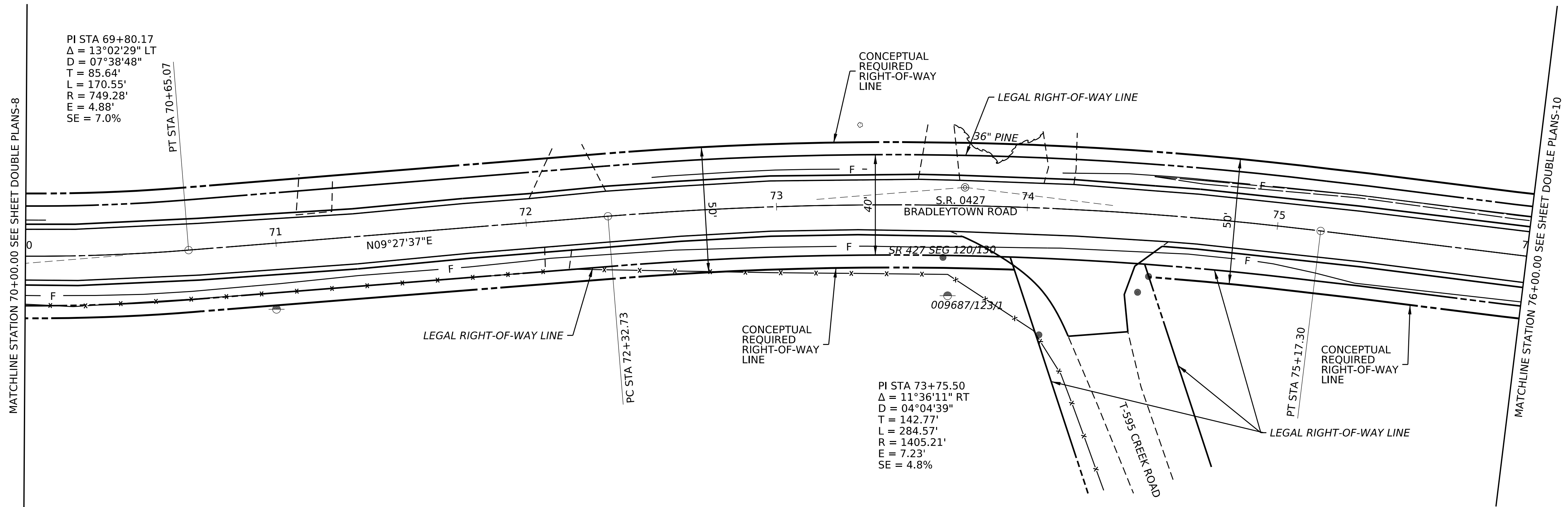
DISTRICT	COUNTY	ROUTE	SECTION	SHEET
01	VENANGO	0427	05M	19 OF 42

REV NO	REVISIONS	DATE	BY	APPD

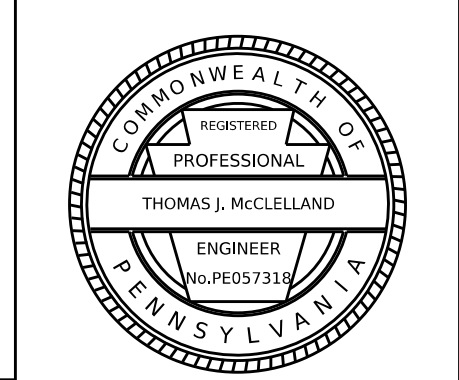
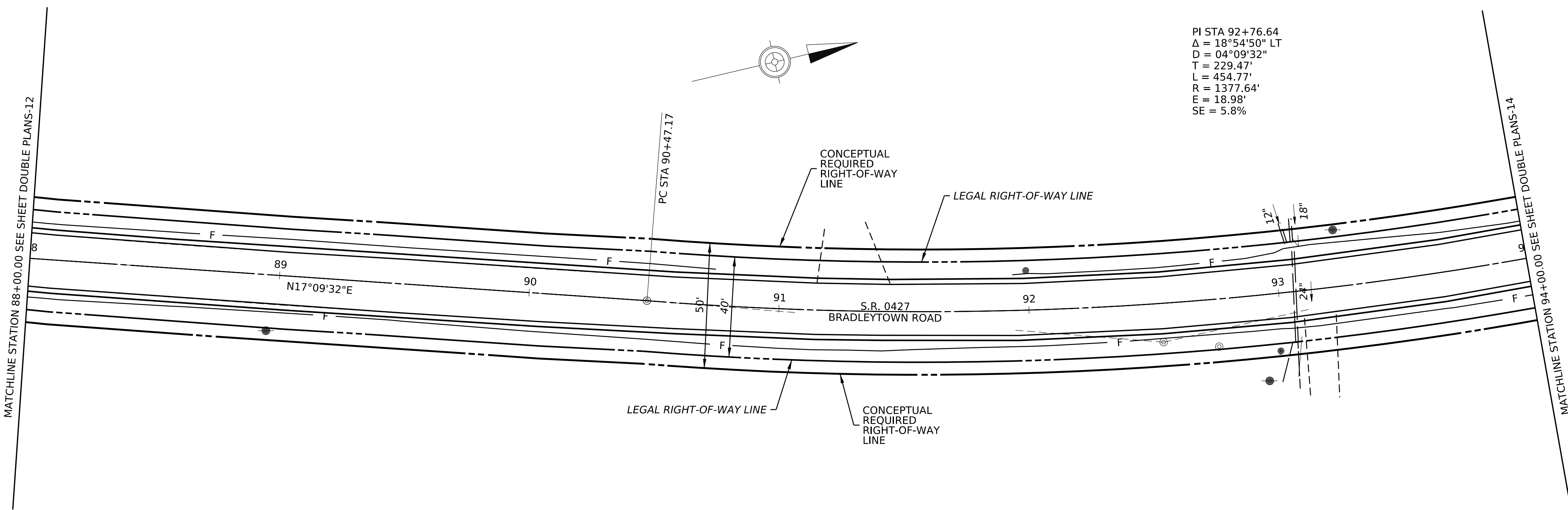
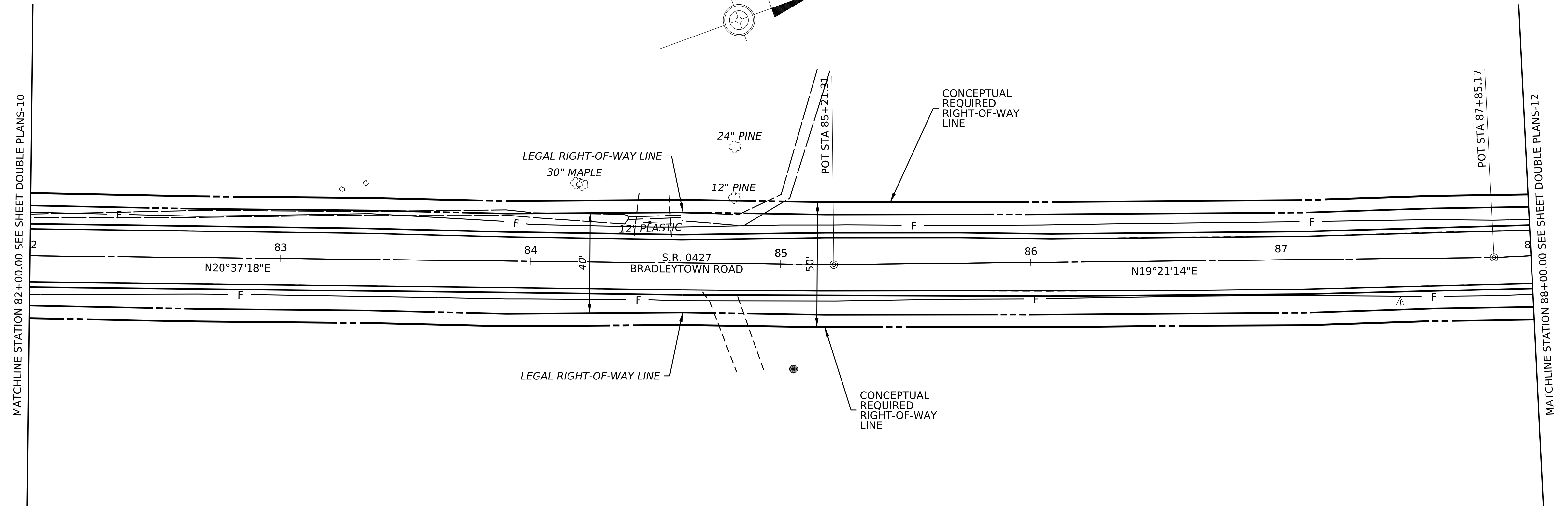


DISTRICT	COUNTY	ROUTE	SECTION	SHEET
01	VENANGO	0427	05M	20 OF 42

REV NO	REVISIONS	DATE	BY	APPD

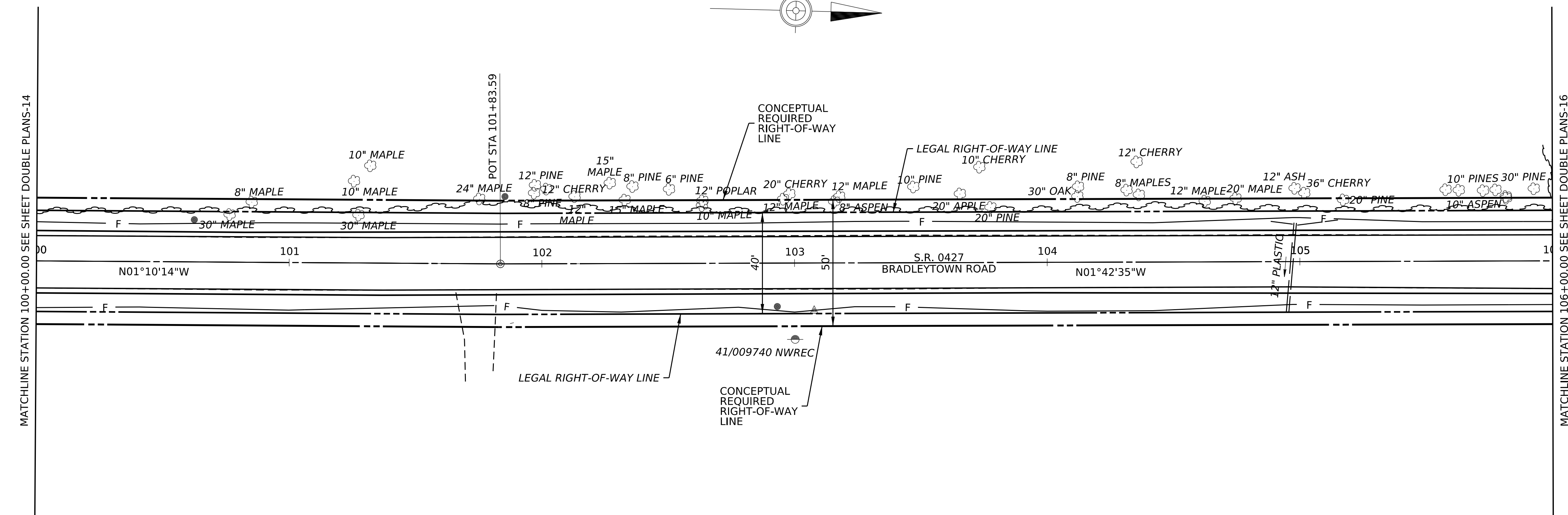
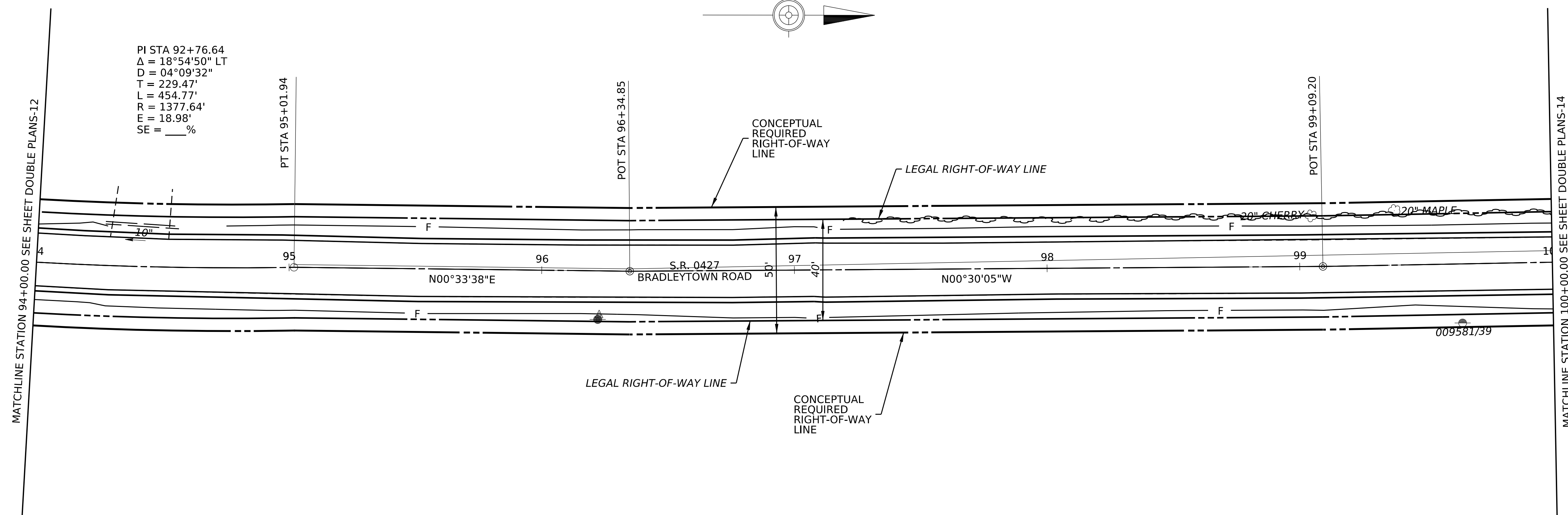


DISTRICT	COUNTY	ROUTE	SECTION	SHEET
01	VENANGO	0427	05M	21 OF 42
REV NO	REVISIONS	DATE	BY	APPD

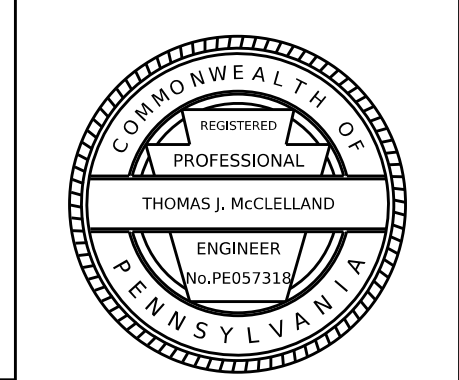
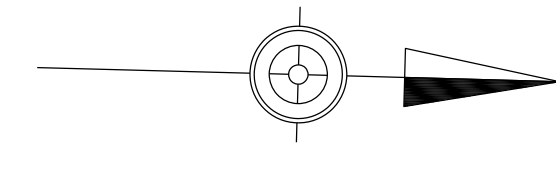
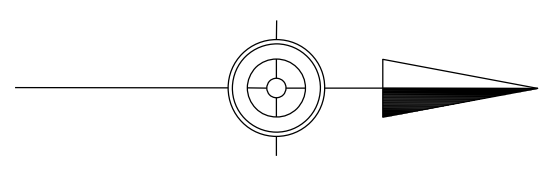


DISTRICT	COUNTY	ROUTE	SECTION	SHEET
01	VENANGO	0427	05M	22 OF 42

REV NO	REVISIONS	DATE	BY	APPD

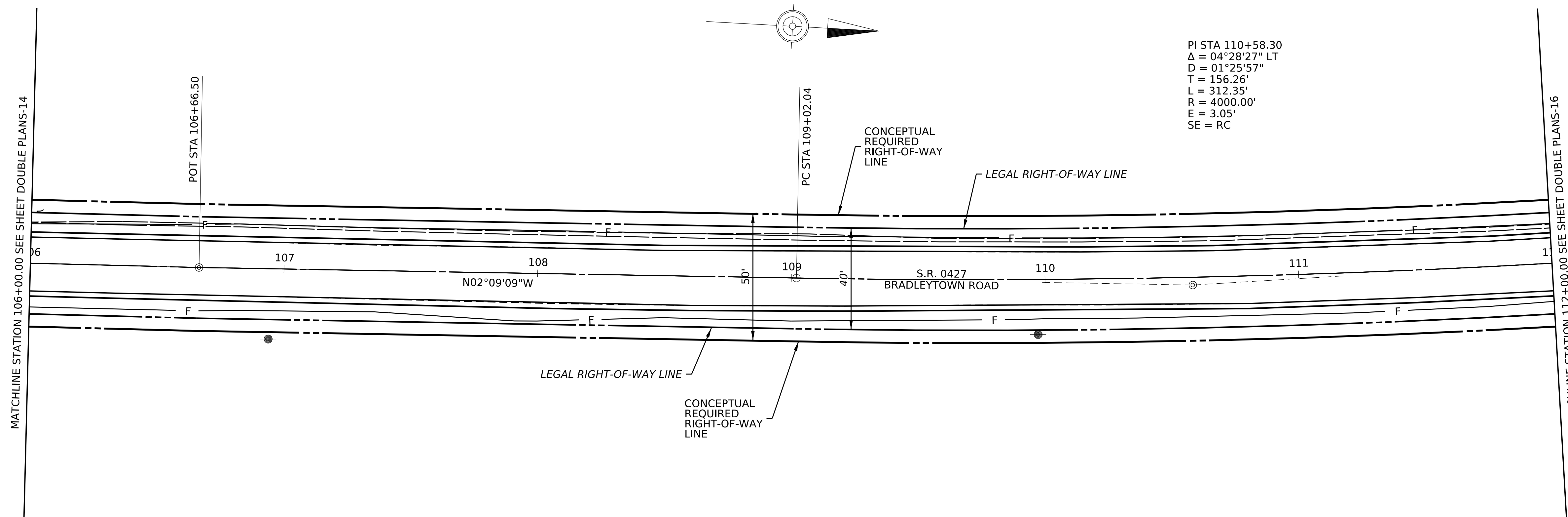


PI STA 92+76.64
 $\Delta = 18^\circ 54' 50''$ LT
 $D = 04^\circ 09' 32''$
 $T = 229.47'$
 $L = 454.77'$
 $R = 1377.64'$
 $E = 18.98'$
 $SF = \text{---}\%$

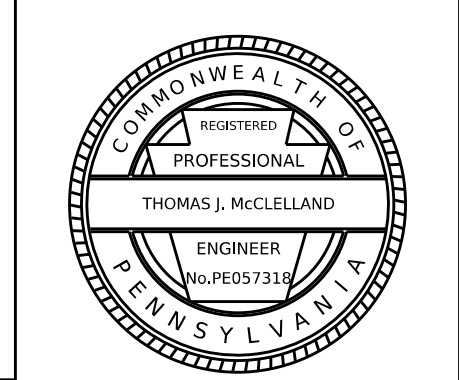
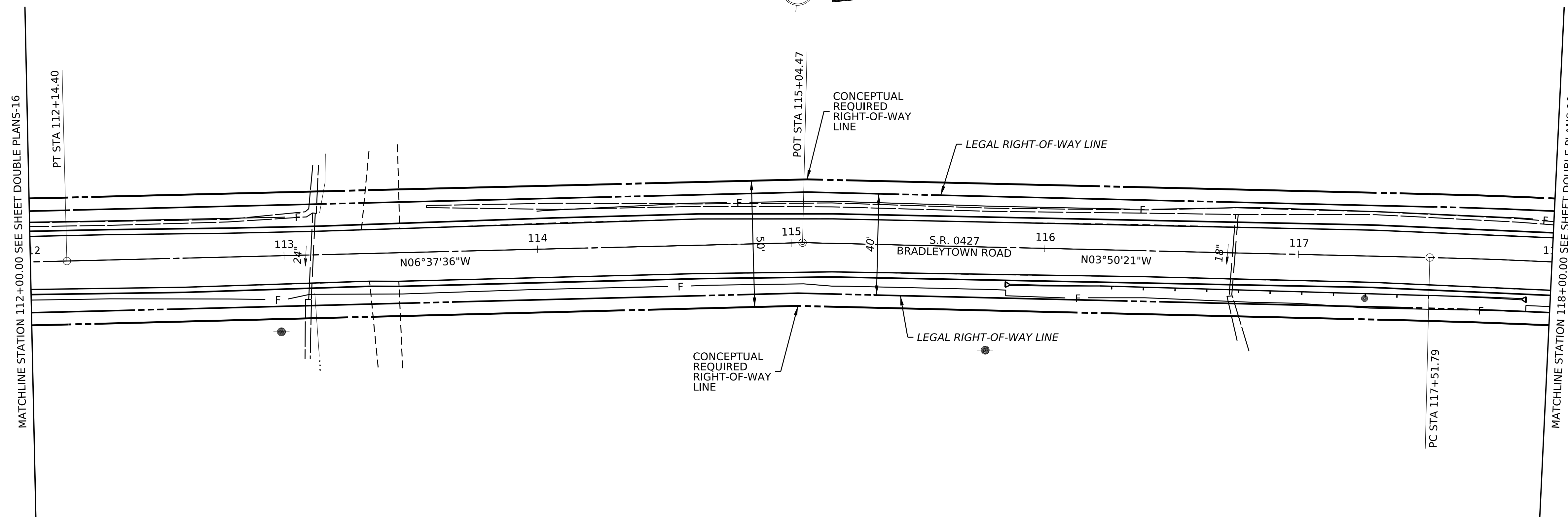


DISTRICT	COUNTY	ROUTE	SECTION	SHEET
01	VENANGO	0427	05M	23 OF 42

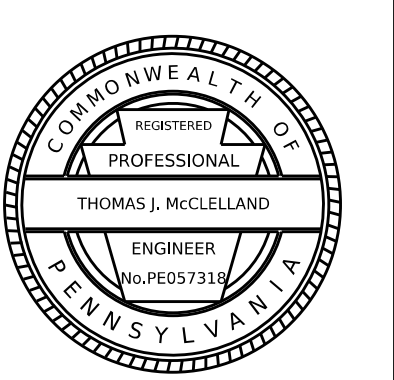
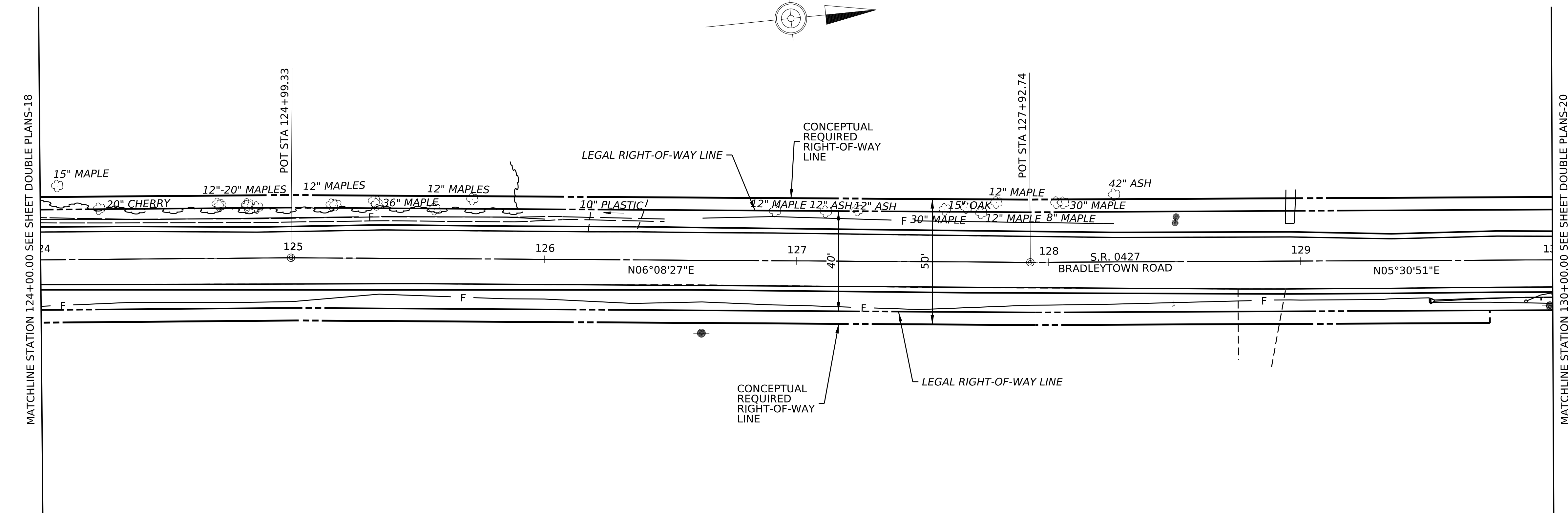
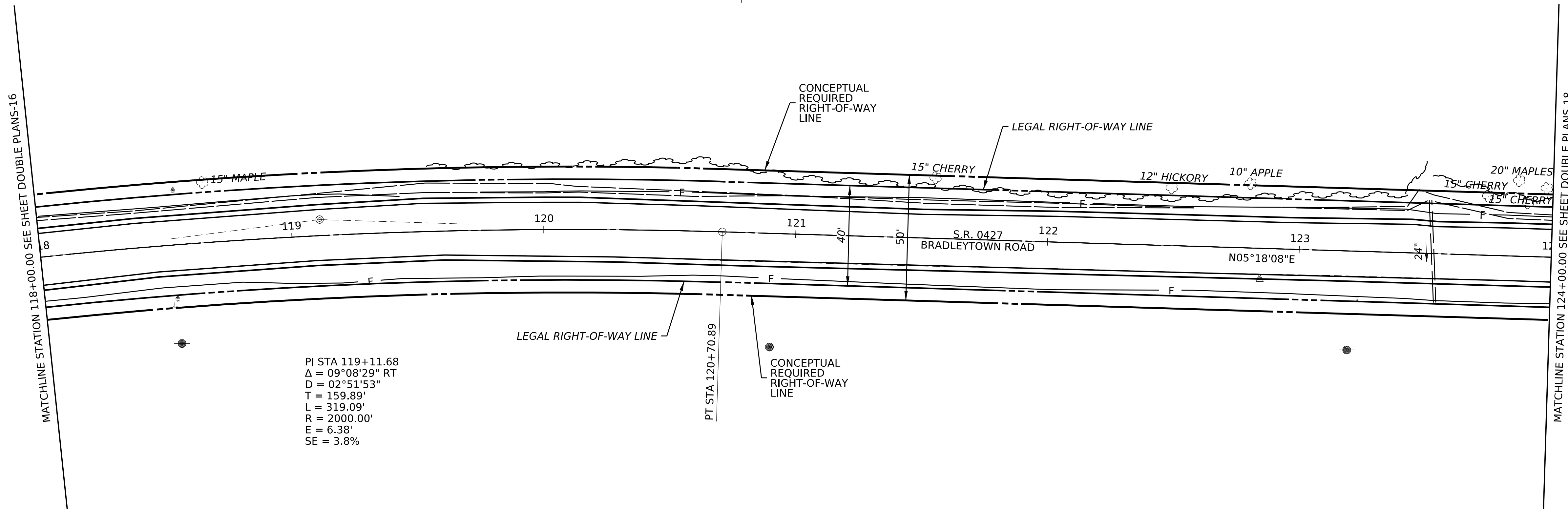
REV NO	REVISIONS	DATE	BY	APPD



PI STA 110+58.30
 $\Delta = 04^\circ 28' 27''$ LT
 $D = 01^\circ 25' 57''$
 $T = 156.26'$
 $L = 312.35'$
 $R = 4000.00'$
 $E = 3.05'$
 $SE = RC$

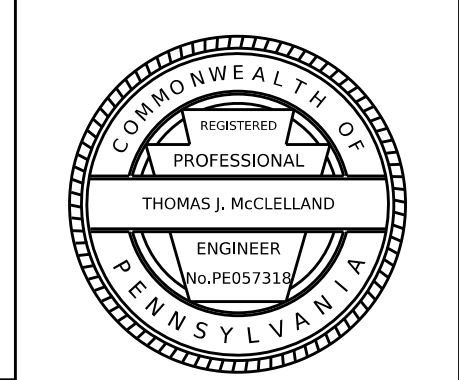
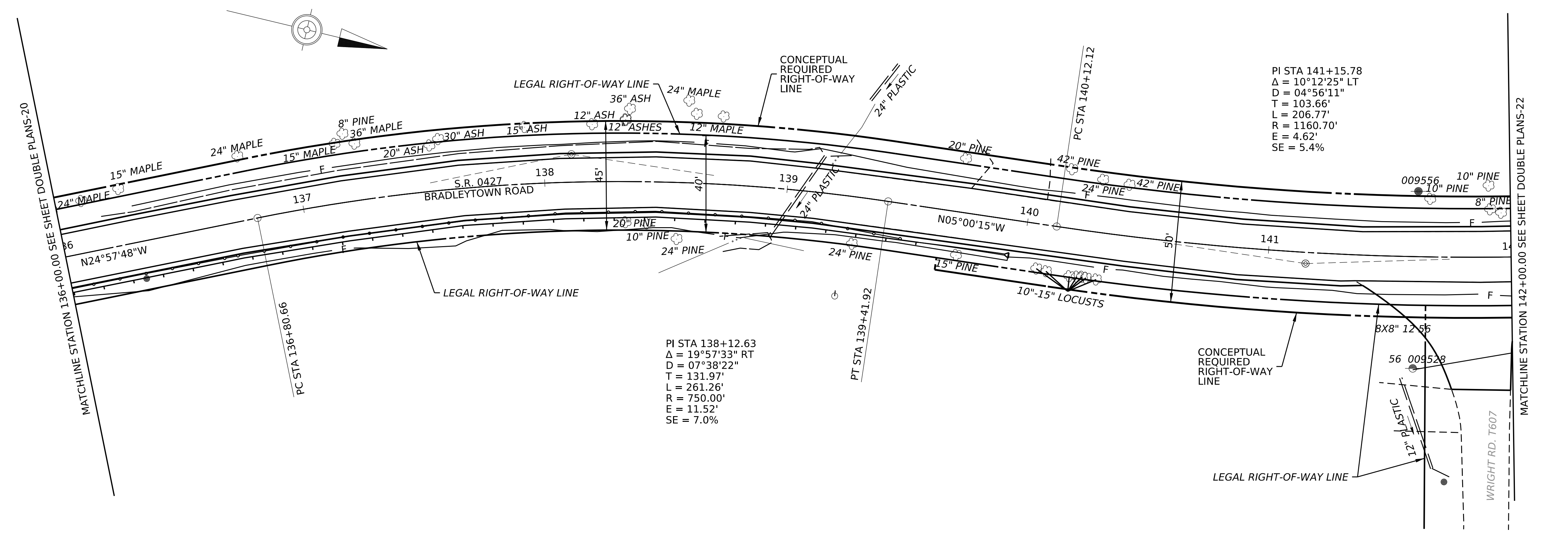
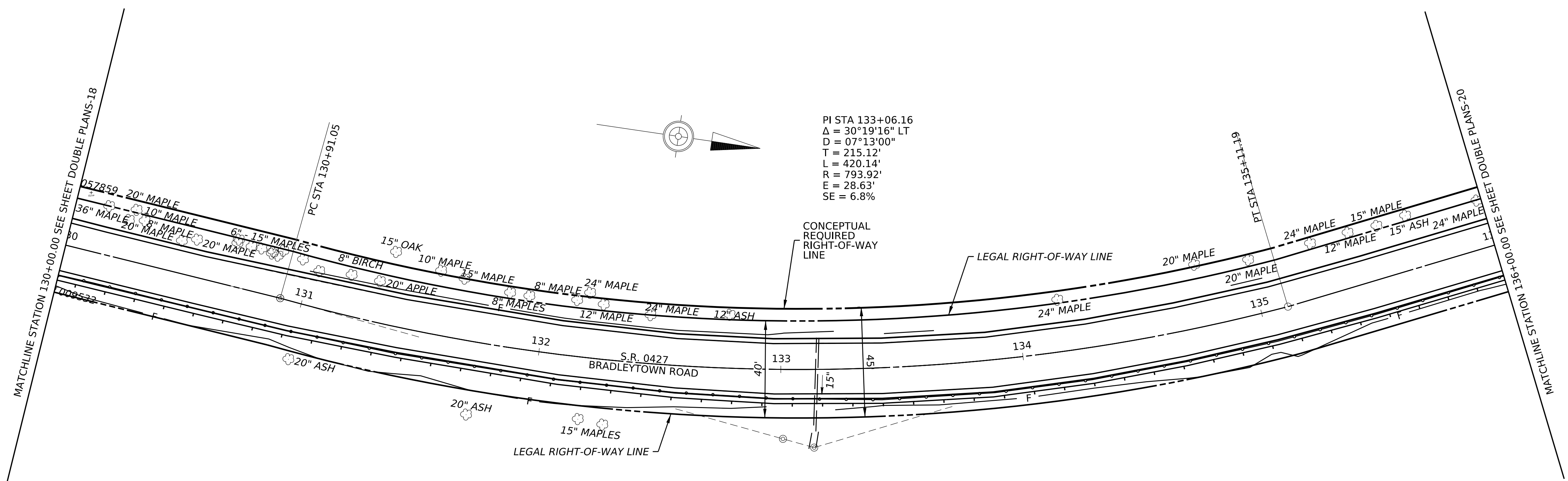


DISTRICT	COUNTY	ROUTE	SECTION	SHEET
01	VENANGO	0427	05M	24 OF 42
REV NO	REVISIONS	DATE	BY	APPD

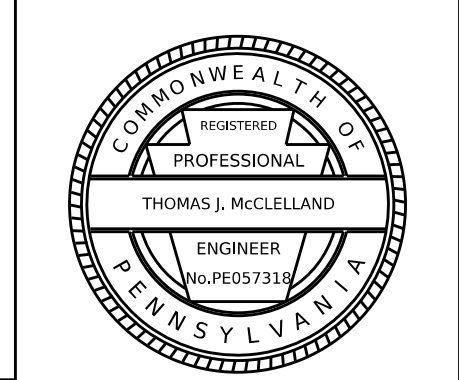
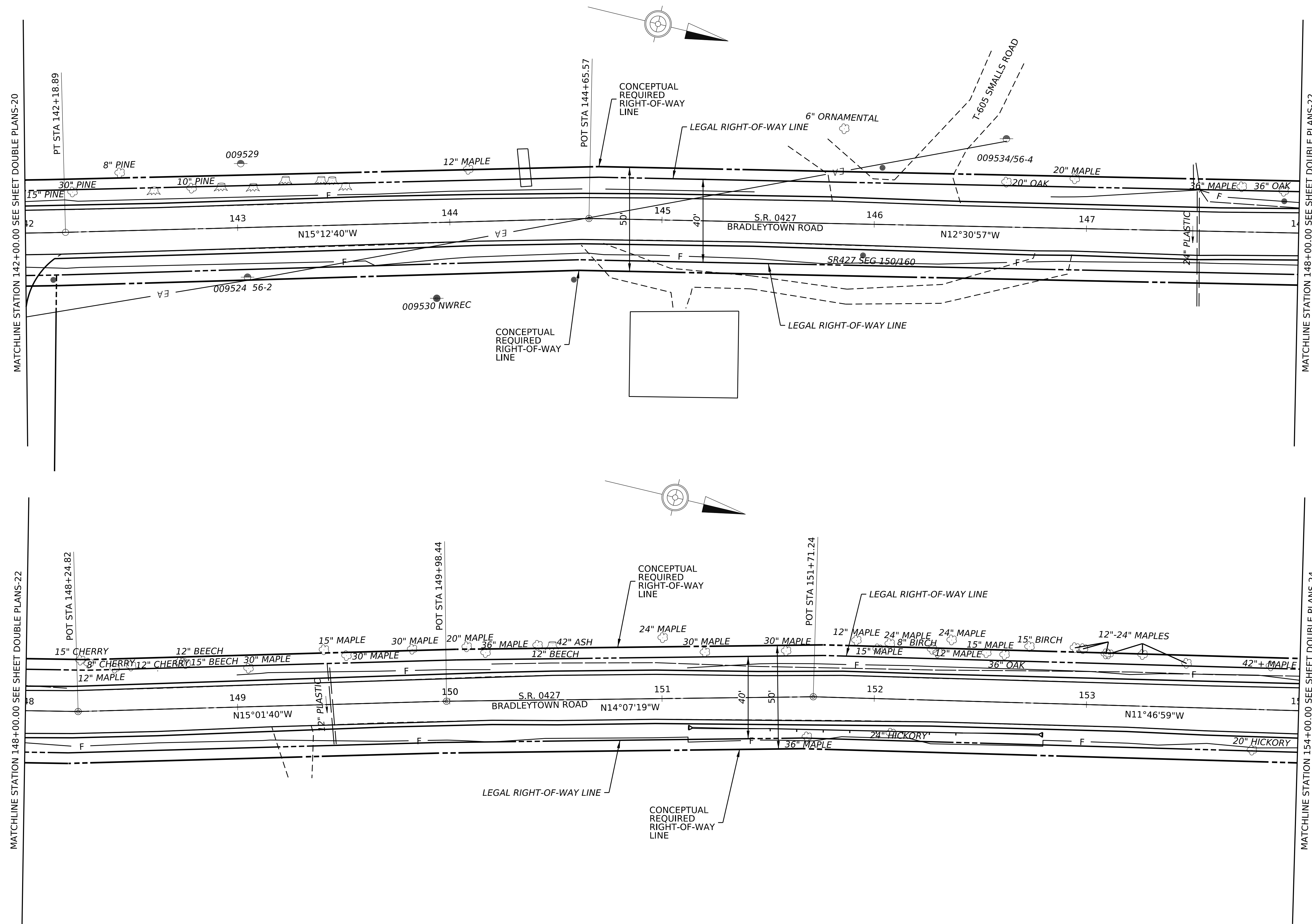


DISTRICT	COUNTY	ROUTE	SECTION	SHEET
01	VENANGO	0427	05M	25 OF 42

REV NO	REVISIONS	DATE	BY	APPD

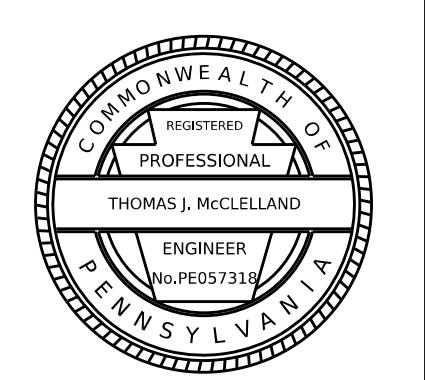
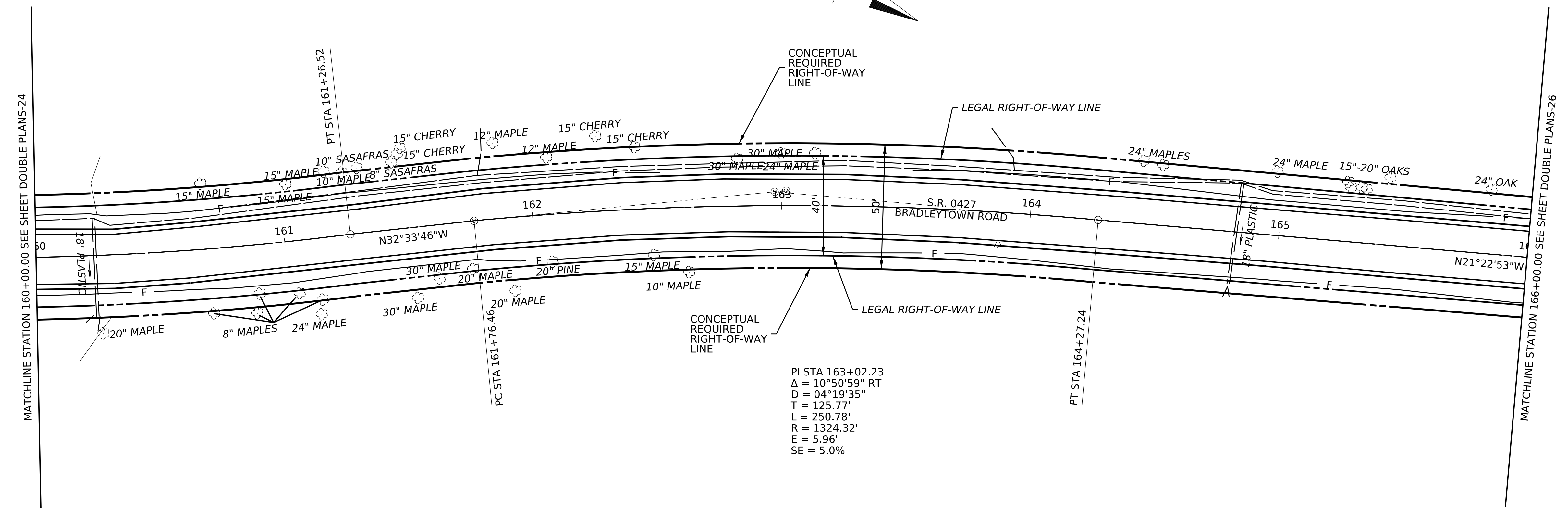
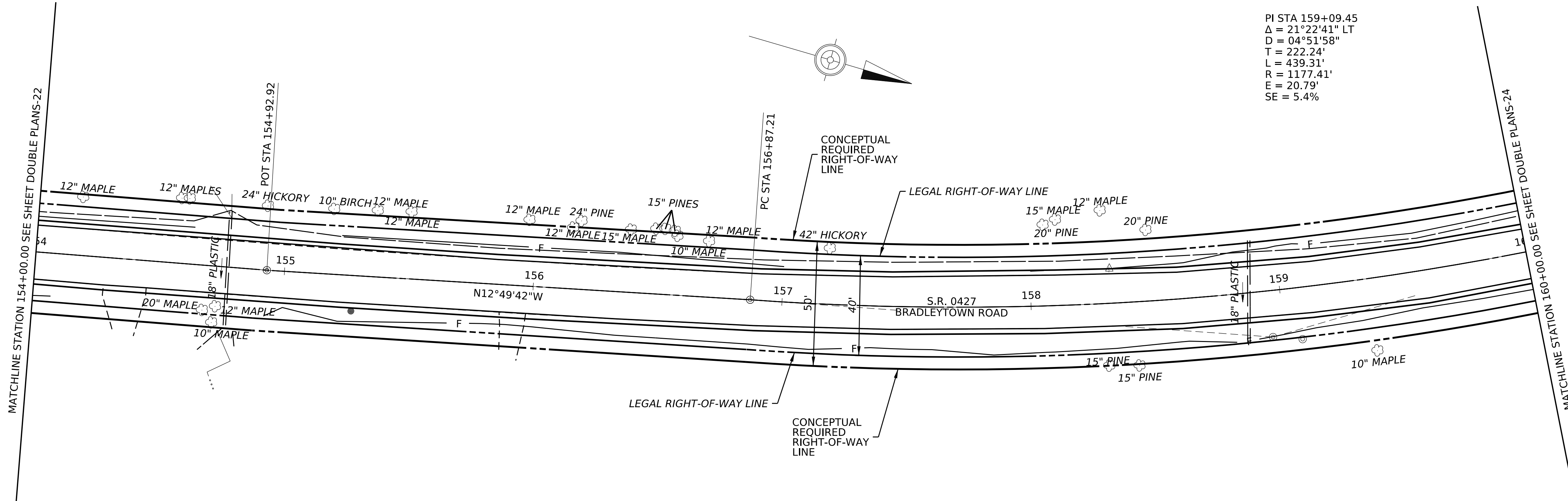


DISTRICT	COUNTY	ROUTE	SECTION	SHEET
01	VENANGO	0427	05M	26 OF 42
REV NO	REVISIONS			DATE BY APPD



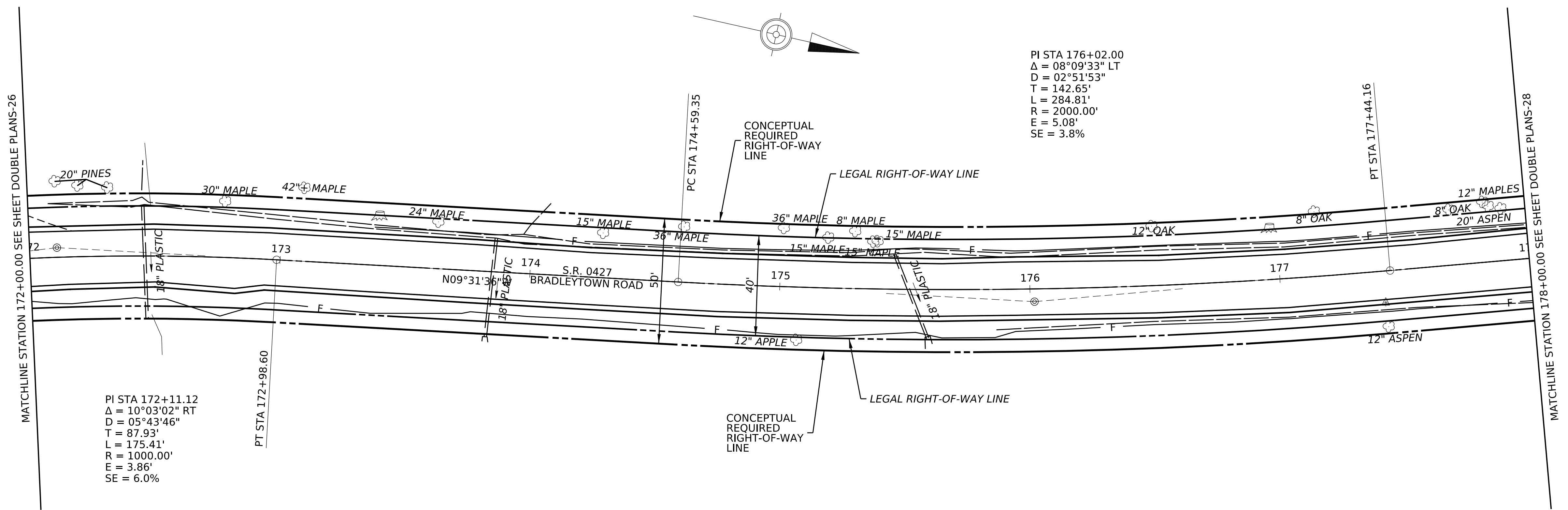
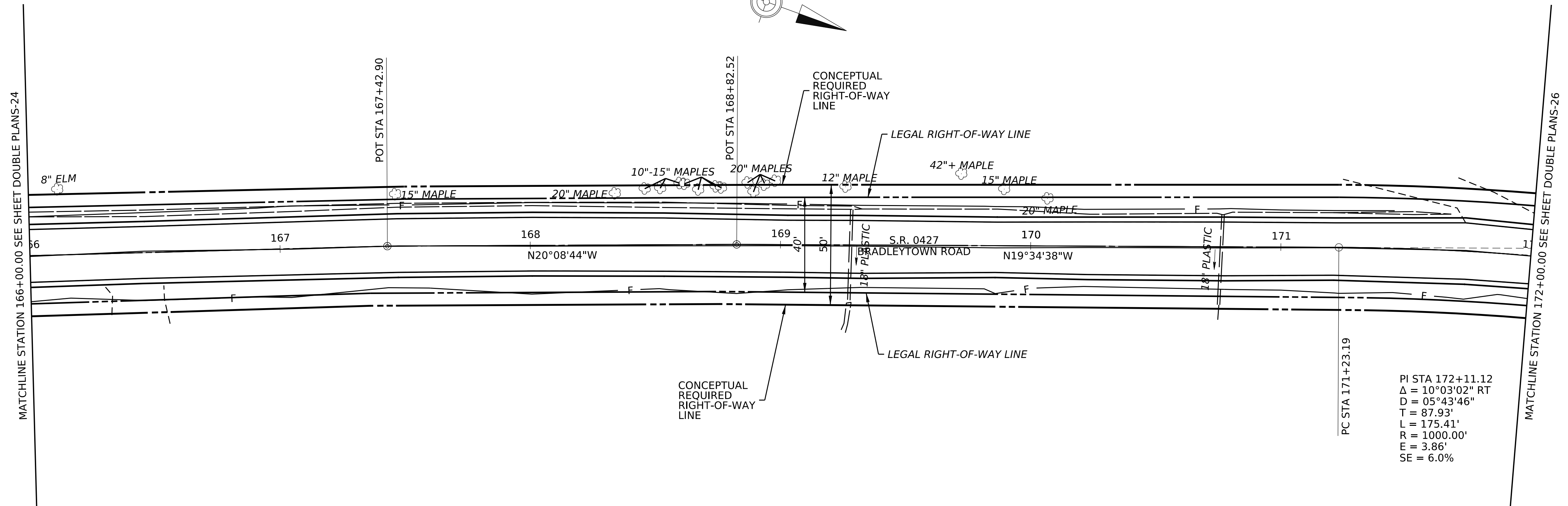
DISTRICT	COUNTY	ROUTE	SECTION	SHEET
01	VENANGO	0427	05M	27 OF 42

REV NO	REVISIONS	DATE	BY	APPD



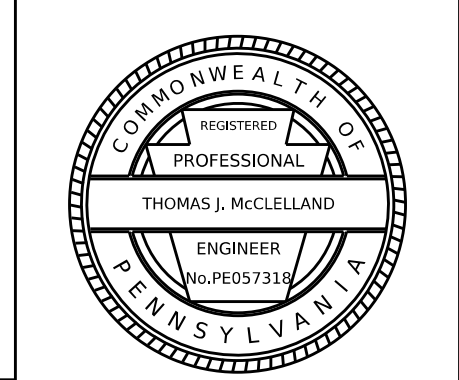
DISTRICT	COUNTY	ROUTE	SECTION	SHEET
01	VENANGO	0427	05M	28 OF 42

REV NO	REVISIONS	DATE	BY	APPD



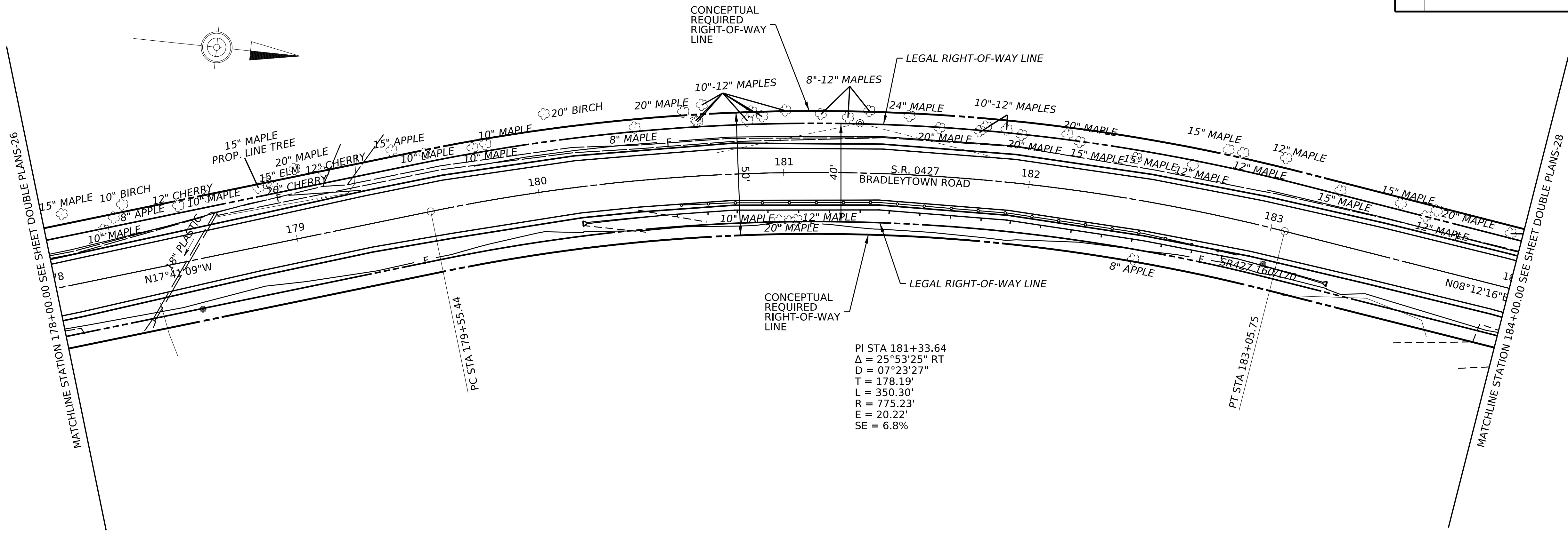
PI STA 172+11.12
 $\Delta = 10^{\circ}03'02''$ RT
 $D = 05^{\circ}43'46''$
 $T = 87.93'$
 $L = 175.41'$
 $R = 1000.00'$
 $E = 3.86'$
 $SE = 6.0\%$

PI STA 176+02.00
 $\Delta = 08^{\circ}09'33''$ LT
 $D = 02^{\circ}51'53''$
 $T = 142.65'$
 $L = 284.81'$
 $R = 2000.00'$
 $E = 5.08'$
 $SE = 3.8\%$



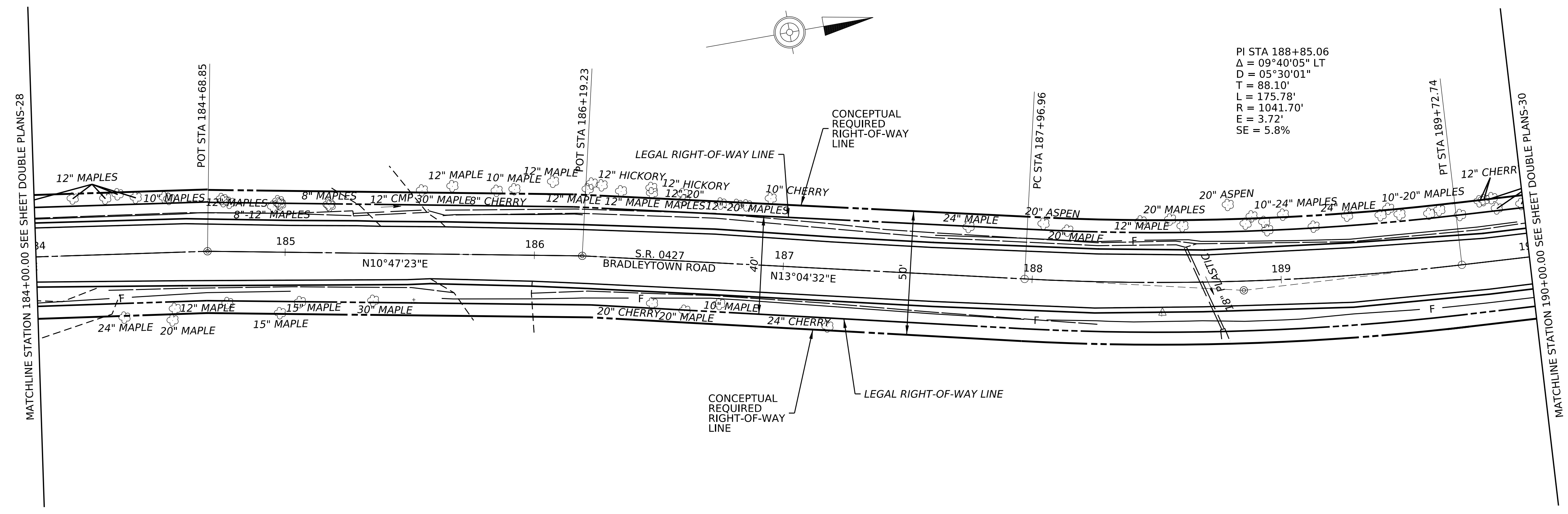
DISTRICT	COUNTY	ROUTE	SECTION	SHEET
01	VENANGO	0427	05M	29 OF 42

REV NO	REVISIONS	DATE	BY	APPD



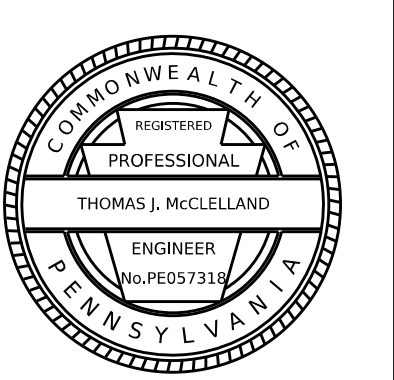
PI STA 181+33.64
 $\Delta = 25^\circ 53' 25''$ RT
 $D = 07^\circ 23' 27''$
 $T = 178.19'$
 $L = 350.30'$
 $R = 775.23'$
 $E = 20.22'$
 $SE = 6.8\%$

PT STA 183+05.75



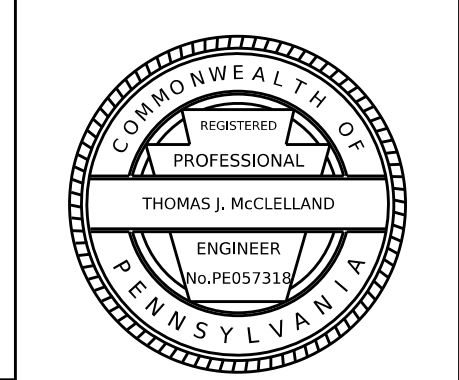
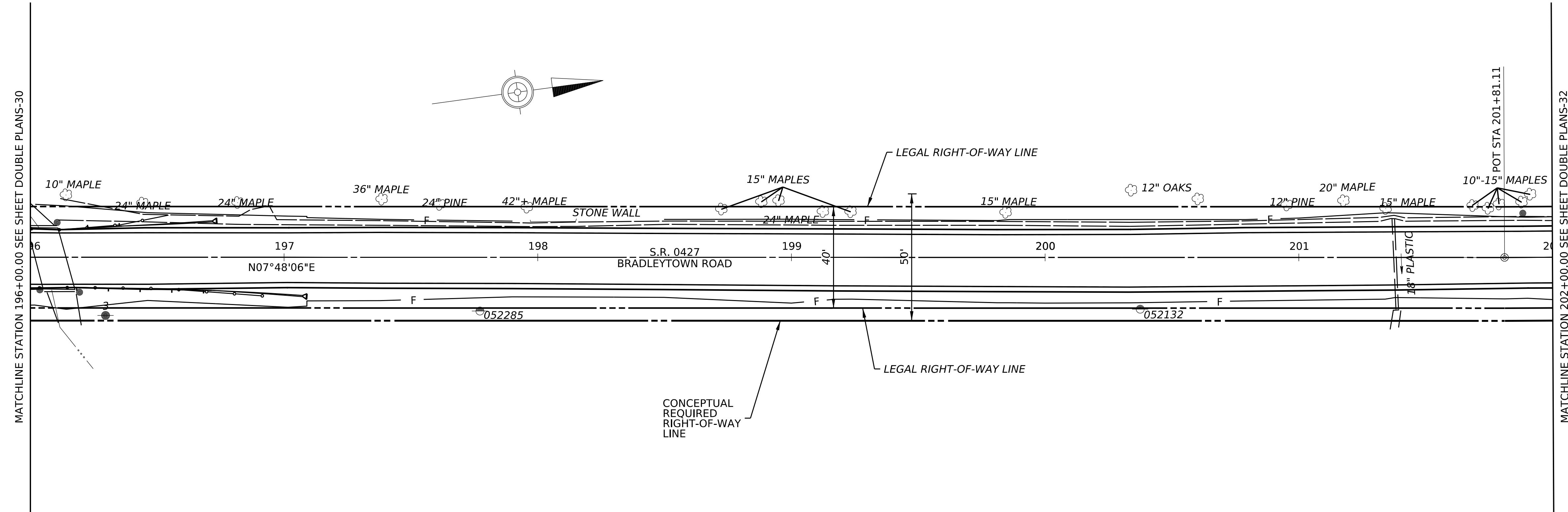
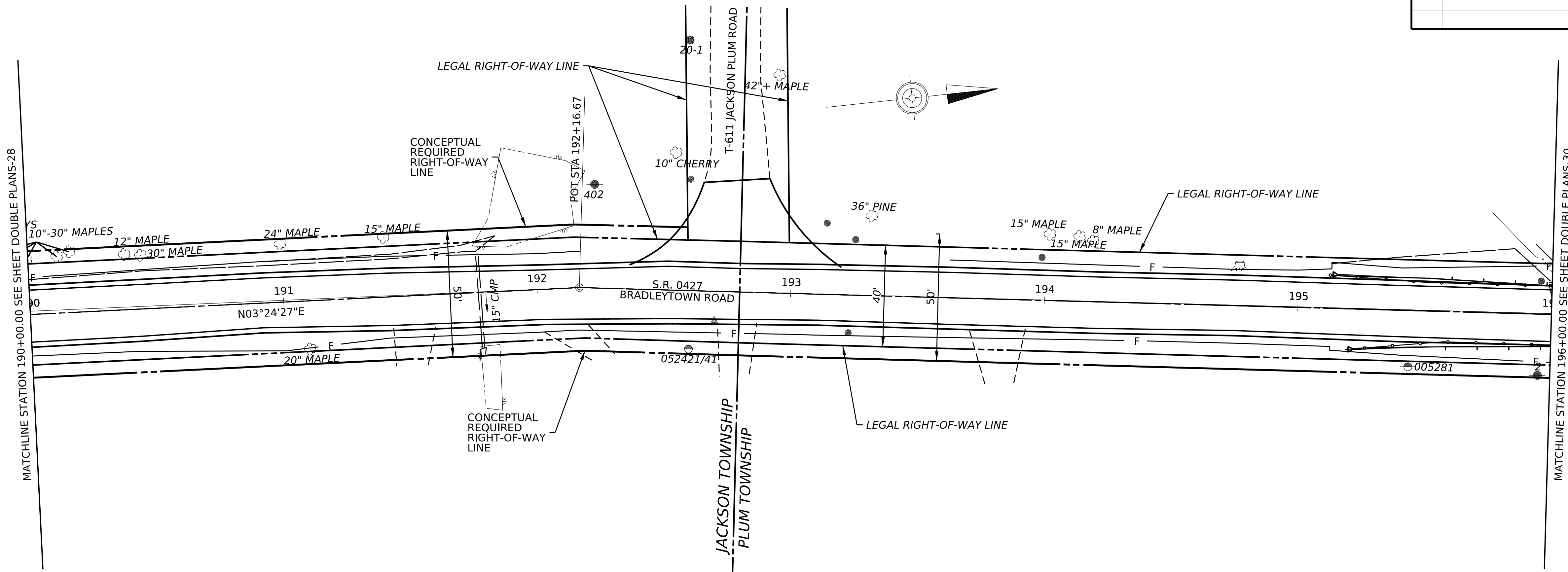
PI STA 188+85.06
 $\Delta = 09^\circ 40' 05''$ LT
 $D = 05^\circ 30' 01''$
 $T = 88.10'$
 $L = 175.78'$
 $R = 1041.70'$
 $e = 3.72'$
 $SE = 5.8\%$

PT STA 189+72.74

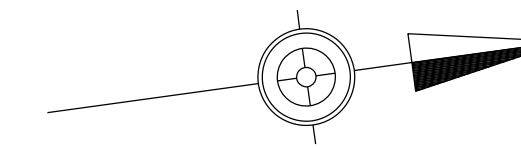
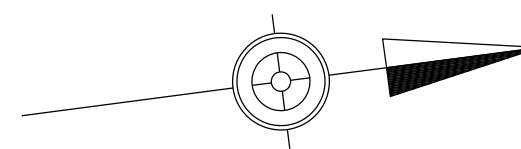
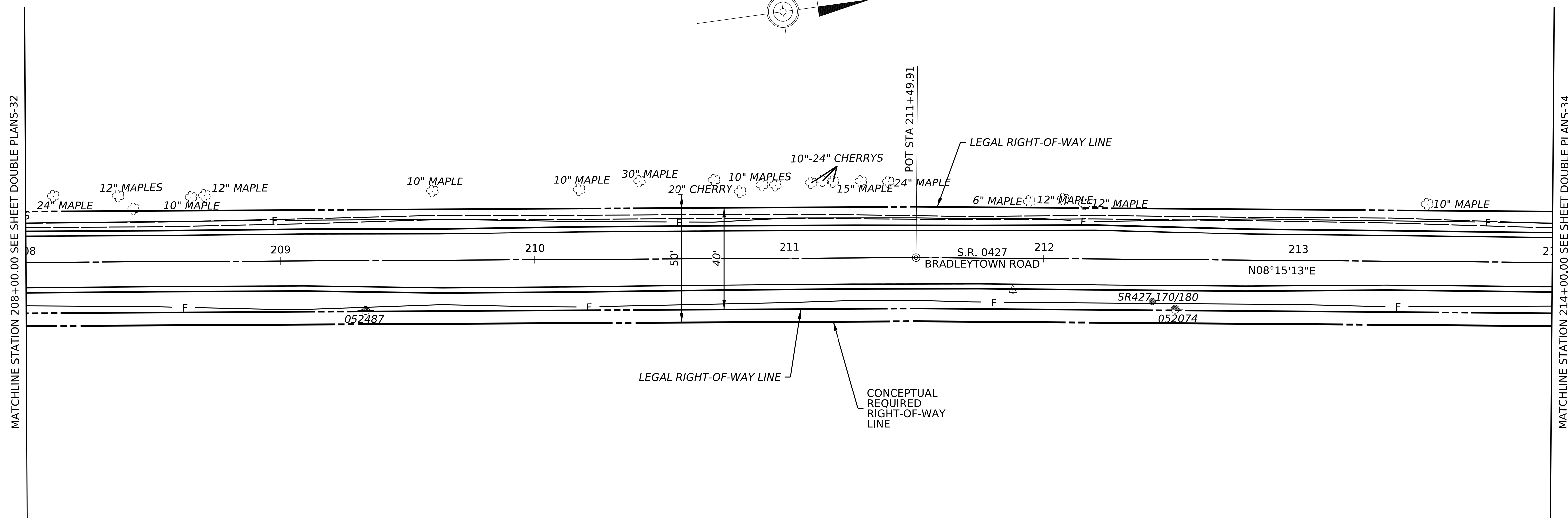
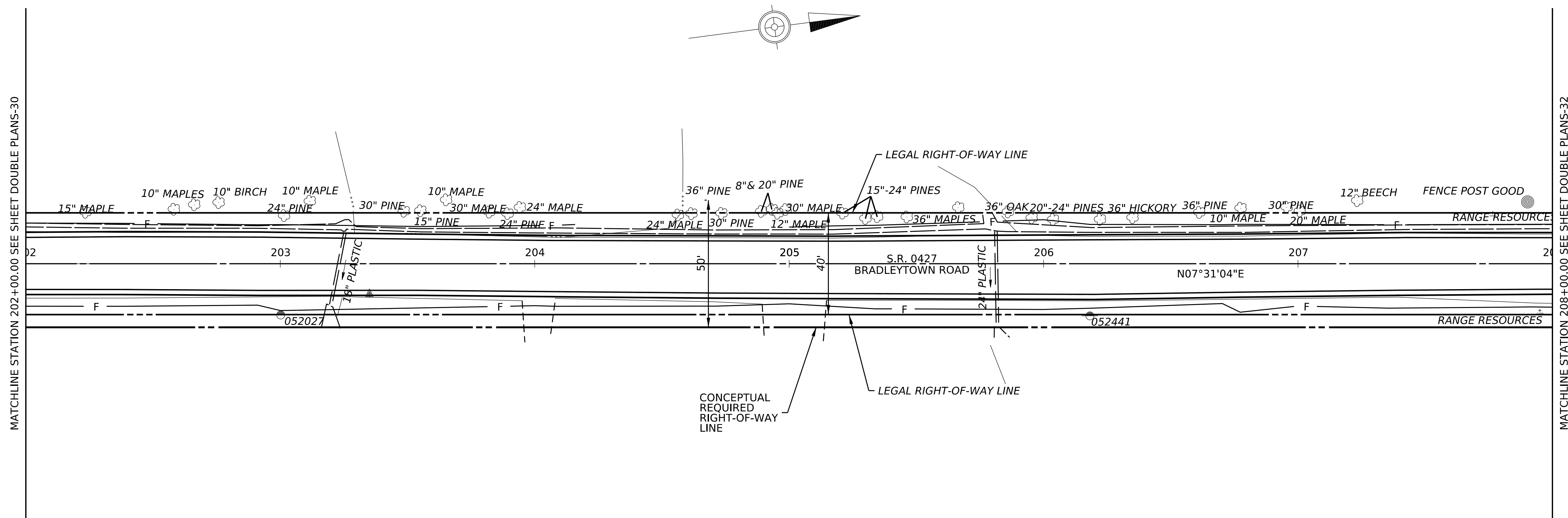


DISTRICT	COUNTY	ROUTE	SECTION	SHEET
01	VENANGO	0427	05M	30 OF 42

REV NO	REVISIONS	DATE	BY	APPD

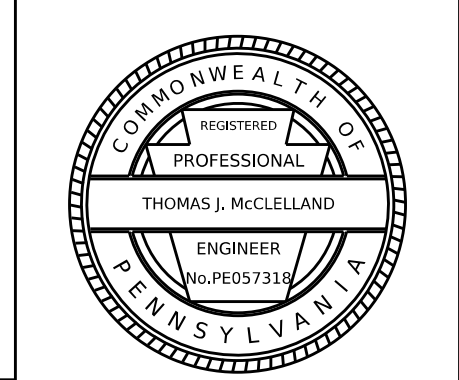
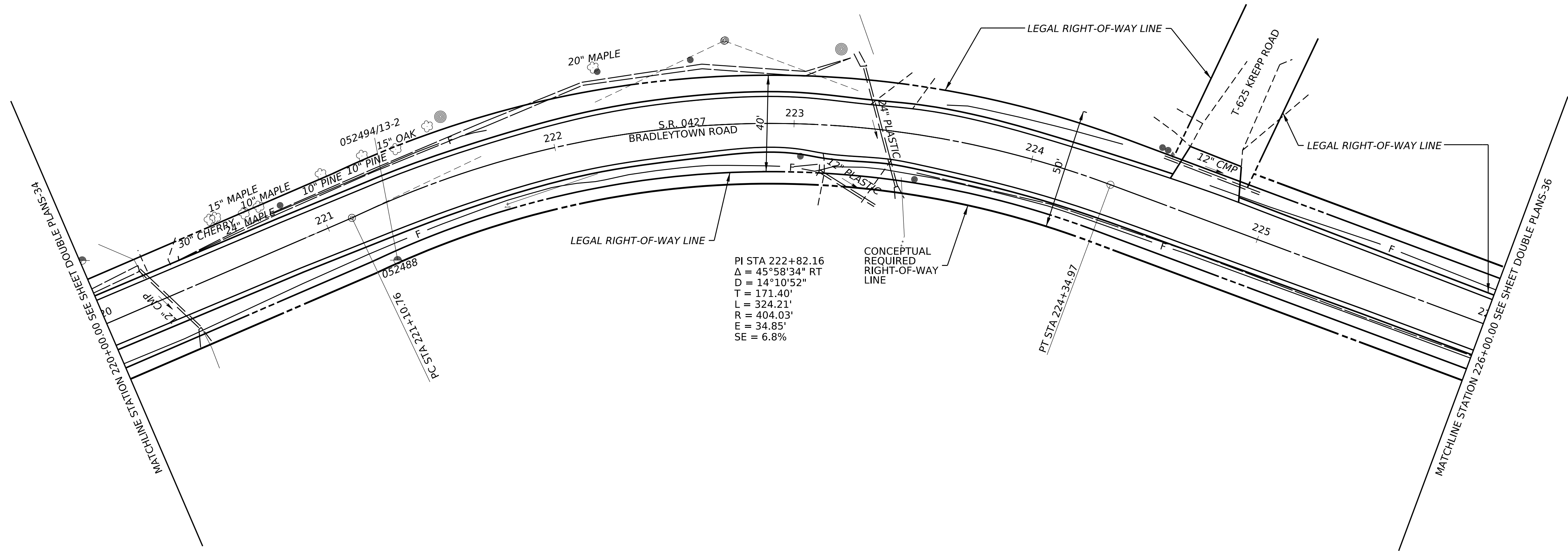
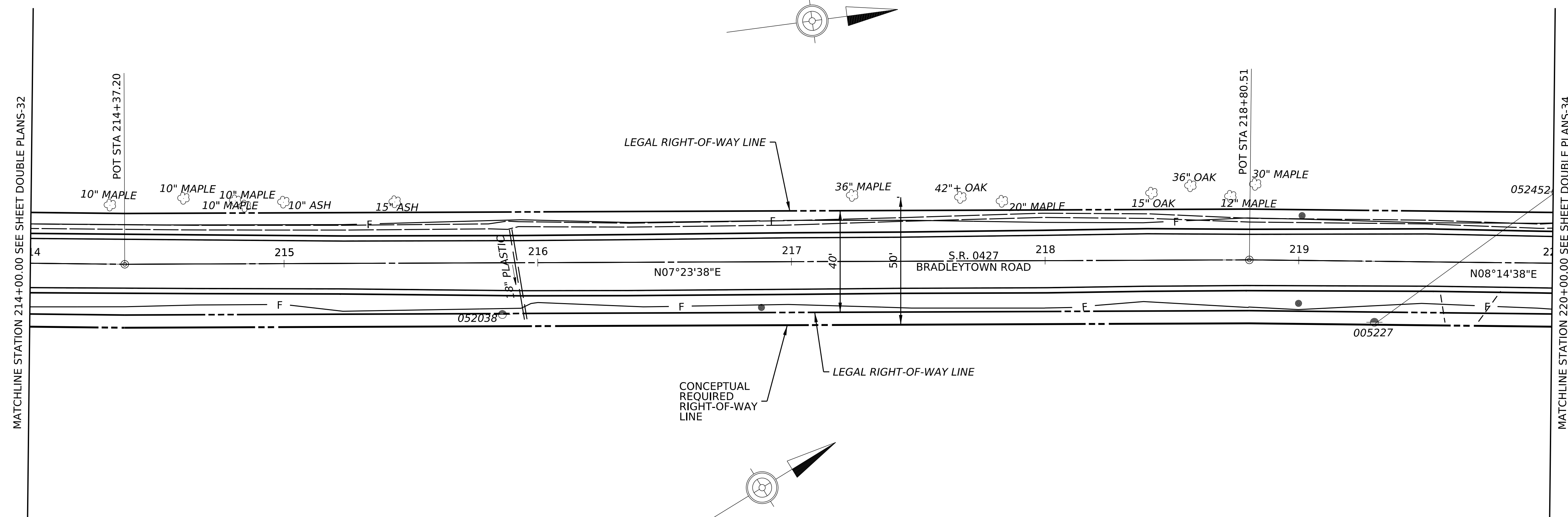


DISTRICT	COUNTY	ROUTE	SECTION	SHEET
01	VENANGO	0427	05M	31 OF 42
REV NO	REVISIONS	DATE	BY	APPD



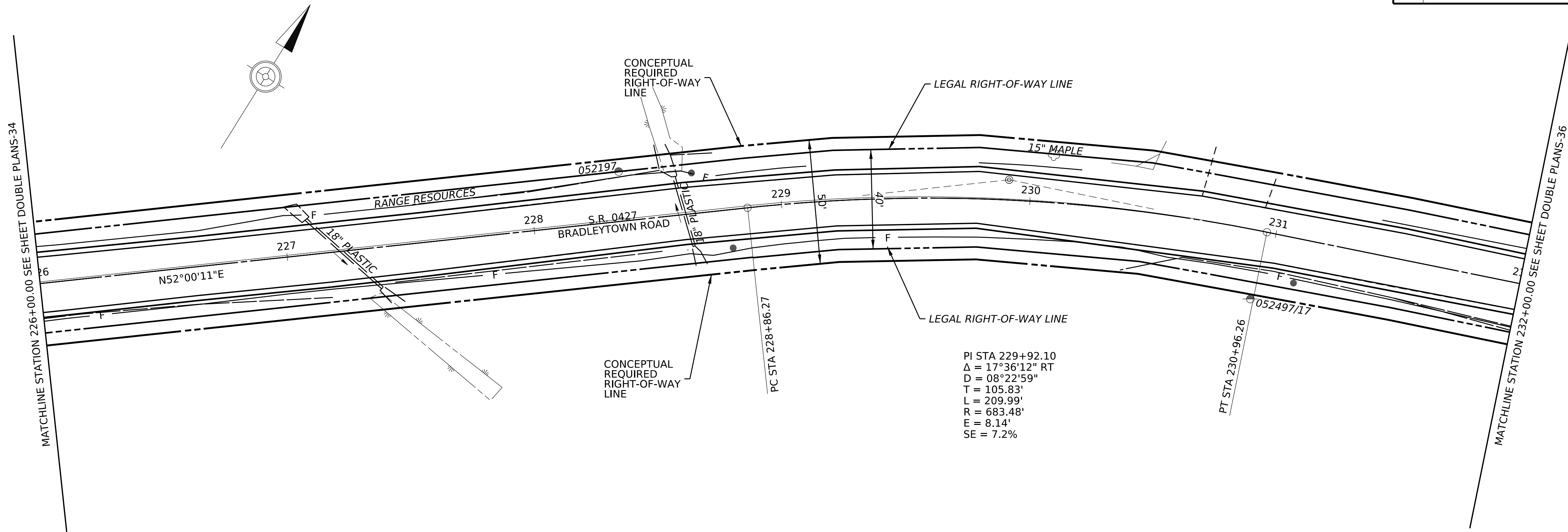
DISTRICT	COUNTY	ROUTE	SECTION	SHEET
01	VENANGO	0427	05M	32 OF 42

REV NO	REVISIONS	DATE	BY	APPD

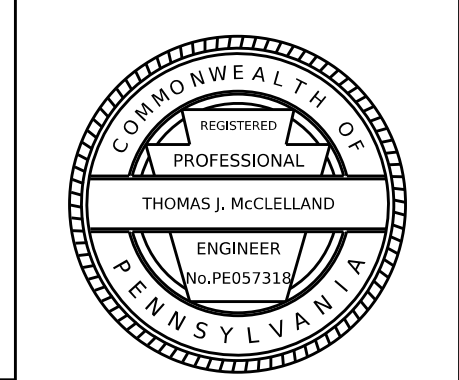
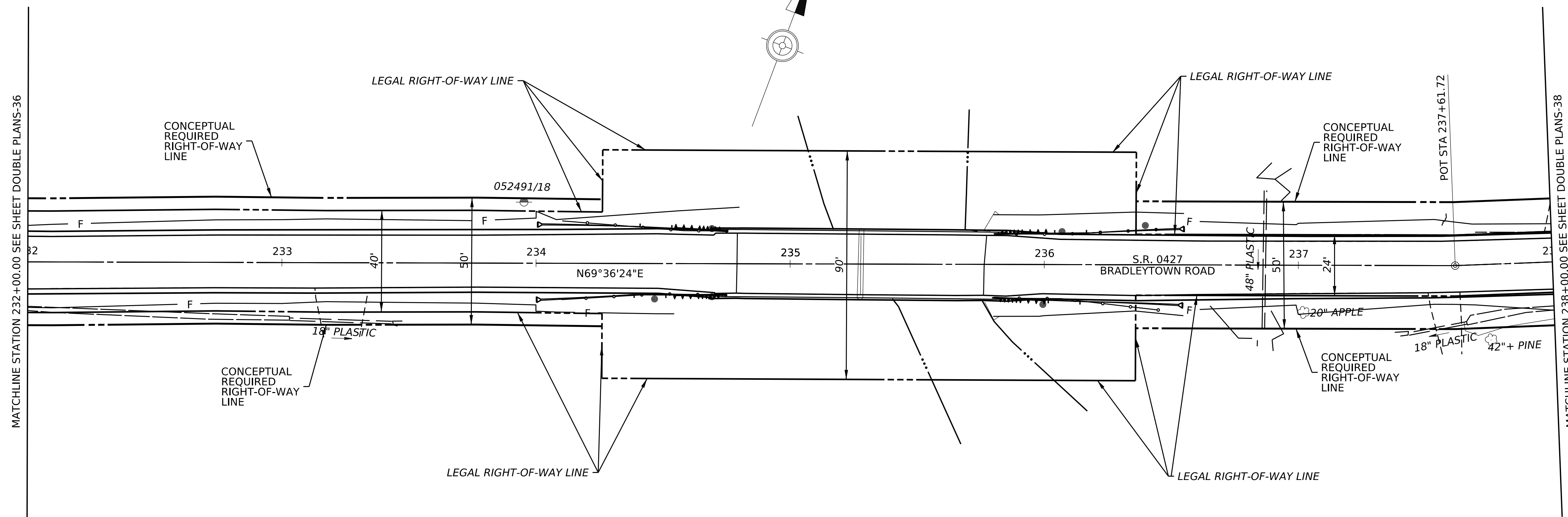


DISTRICT	COUNTY	ROUTE	SECTION	SHEET
01	VENANGO	0427	05M	33 OF 42

REV NO	REVISIONS	DATE	BY	APPD

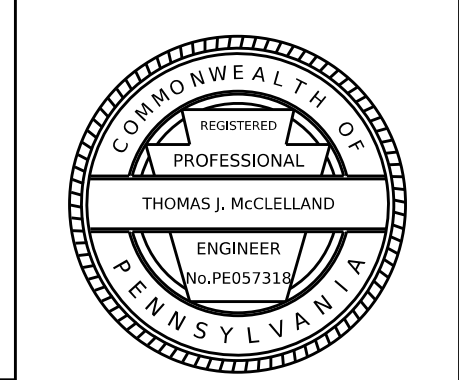
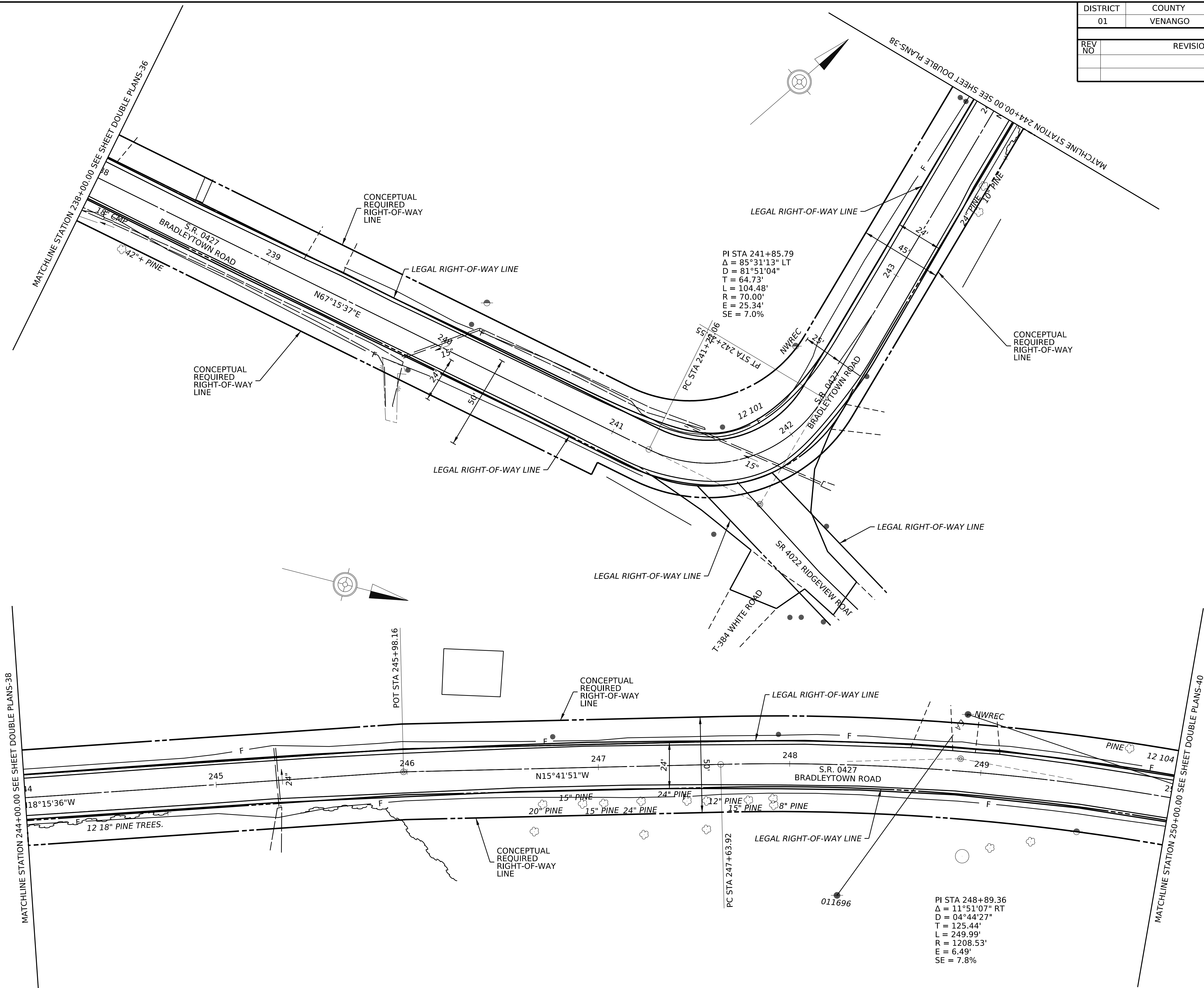


PI STA 229+92.10
 $\Delta = 17^{\circ}36'12''$ RT
 $D = 08^{\circ}22'59''$
 $T = 105.83'$
 $L = 209.99'$
 $R = 683.48'$
 $E = 8.14'$
 $SE = 7.2\%$



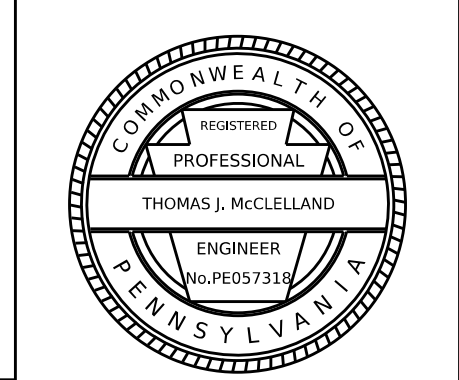
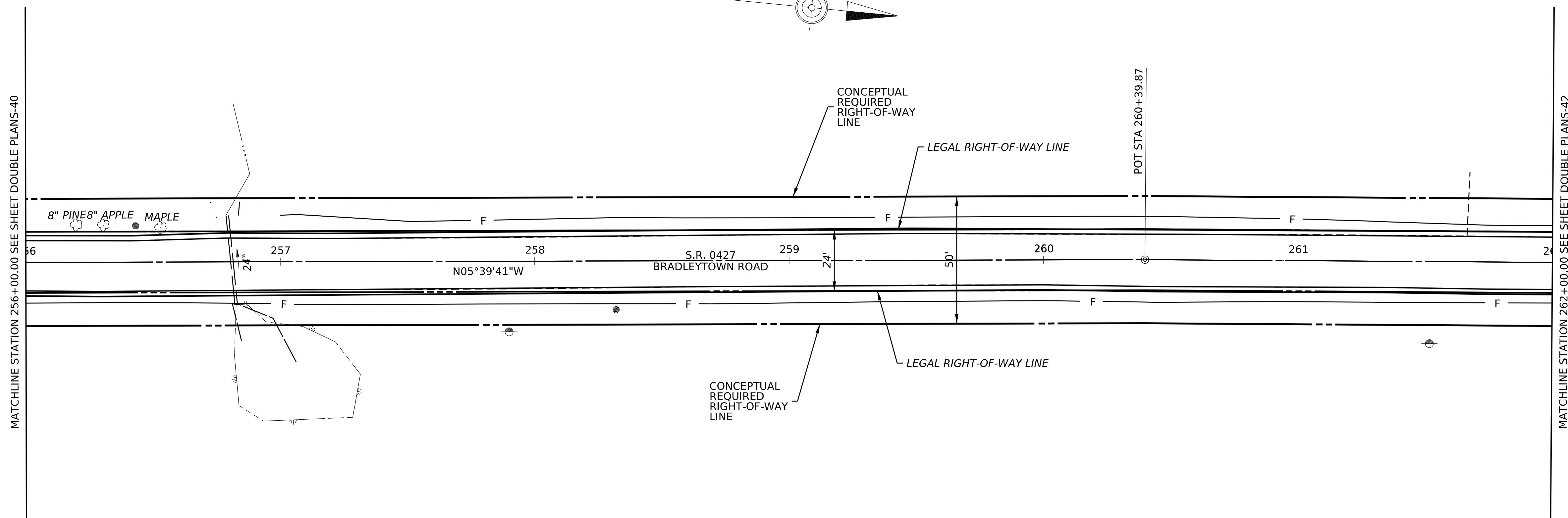
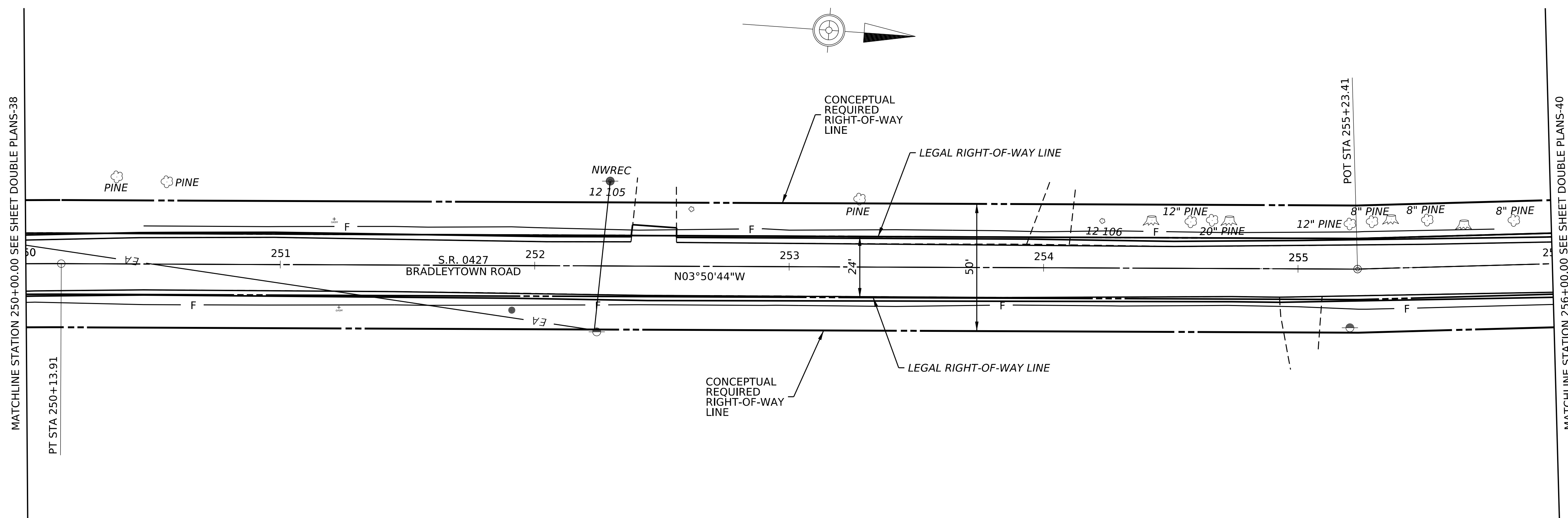
DISTRICT	COUNTY	ROUTE	SECTION	SHEET
01	VENANGO	0427	05M	34 OF 42

REV NO	REVISIONS	DATE	BY	APPD

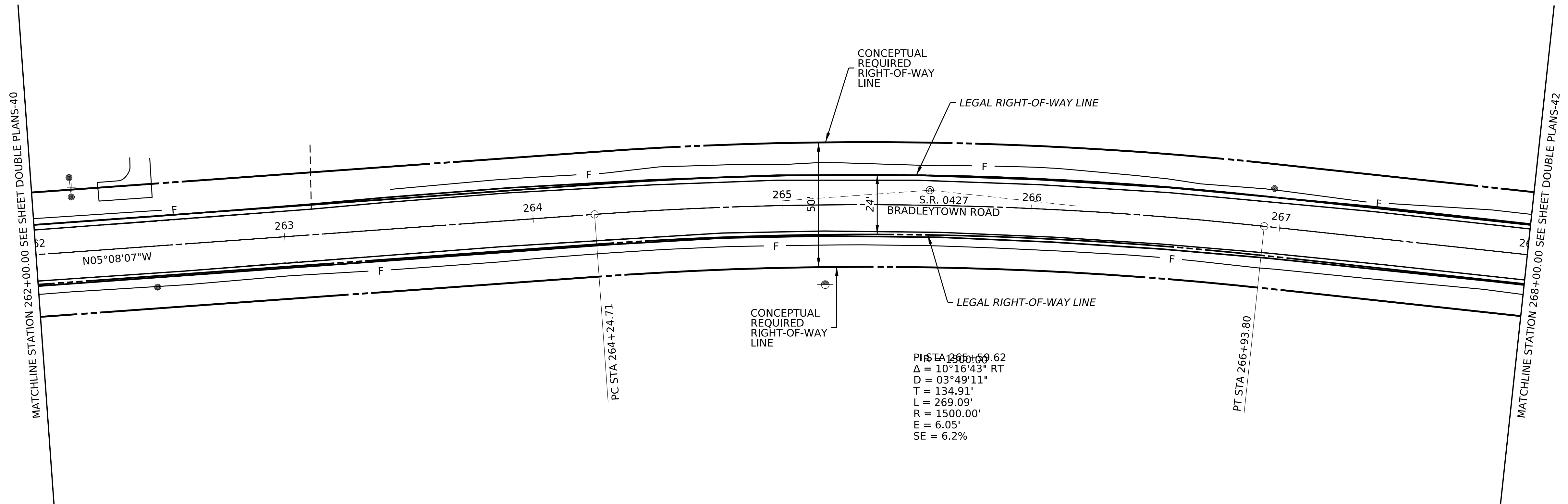


DISTRICT	COUNTY	ROUTE	SECTION	SHEET
01	VENANGO	0427	05M	35 OF 42

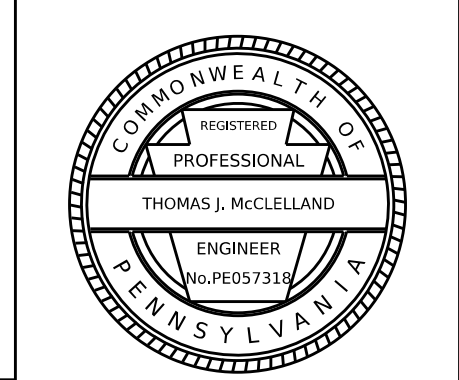
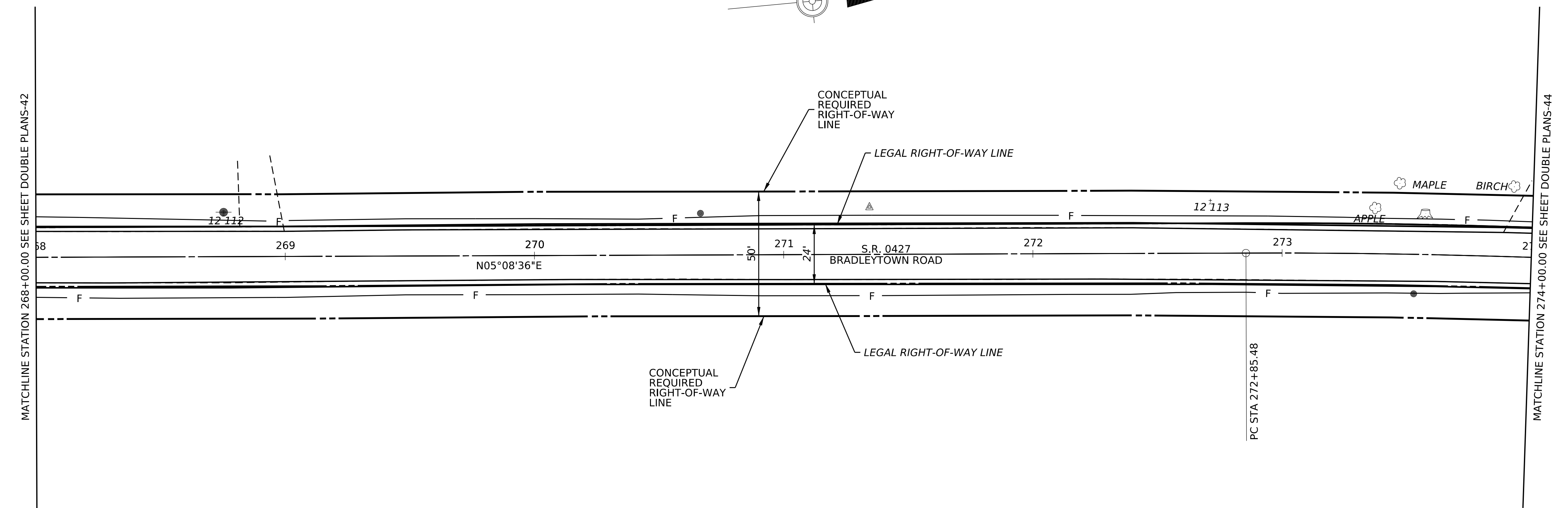
REV NO	REVISIONS	DATE	BY	APPD



DISTRICT	COUNTY	ROUTE	SECTION	SHEET
01	VENANGO	0427	05M	36 OF 42
REV NO	REVISIONS	DATE	BY	APPD

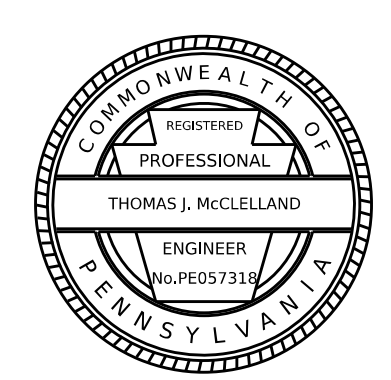
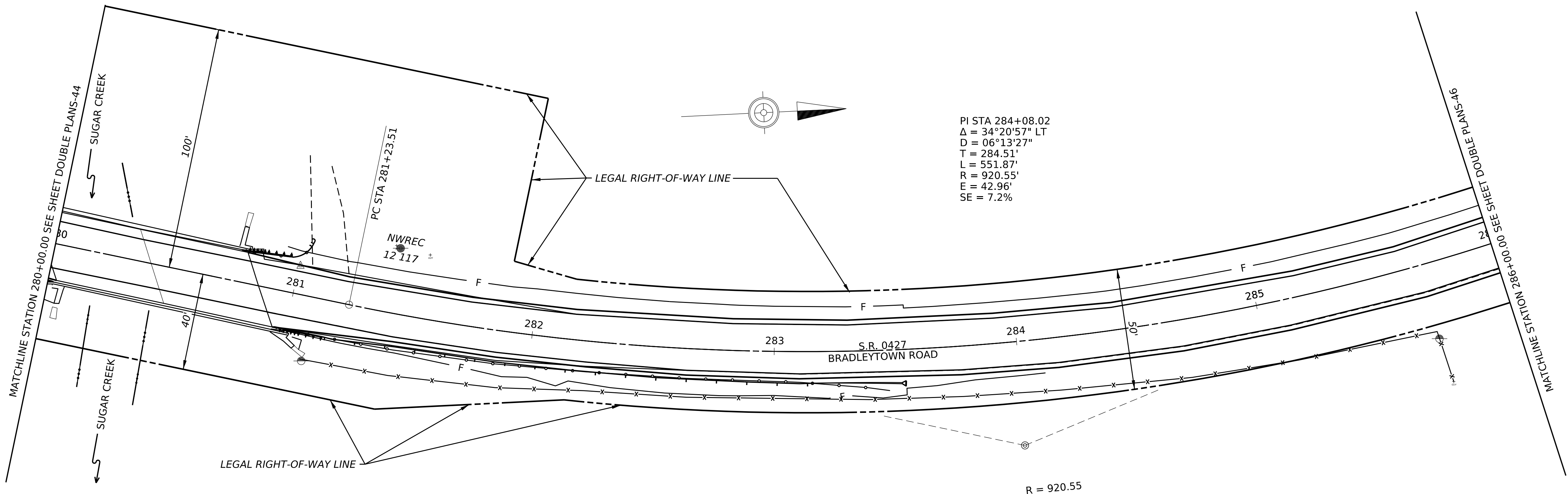
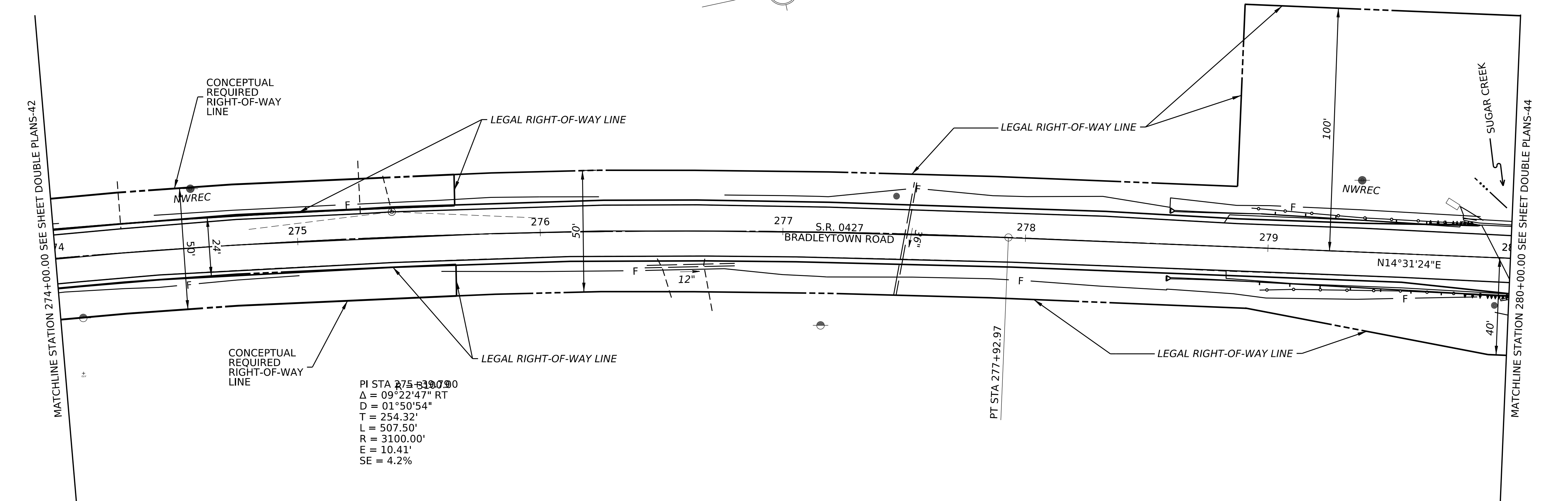


PI STA 265+00.62
 $\Delta = 10^\circ 16' 43''$ RT
 $D = 03^\circ 49' 11''$
 $T = 134.91'$
 $L = 269.09'$
 $R = 1500.00'$
 $E = 6.05'$
 $SE = 6.2\%$



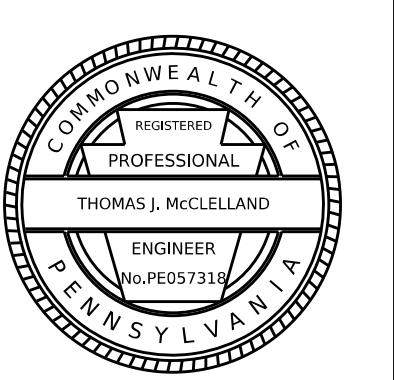
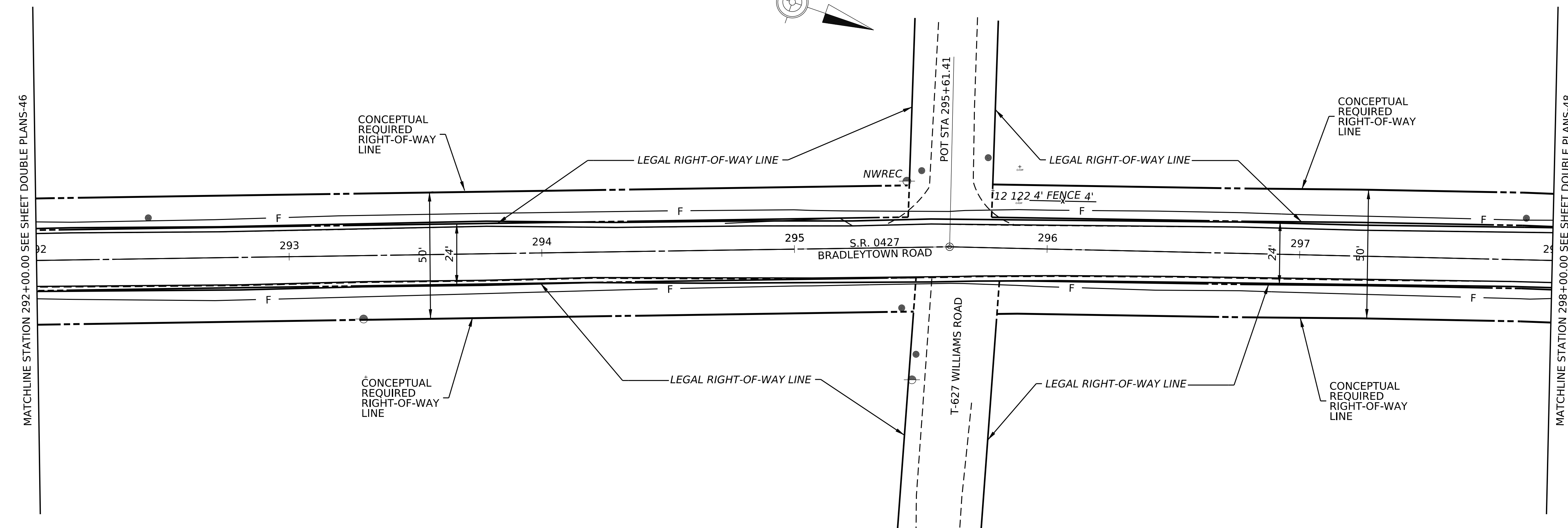
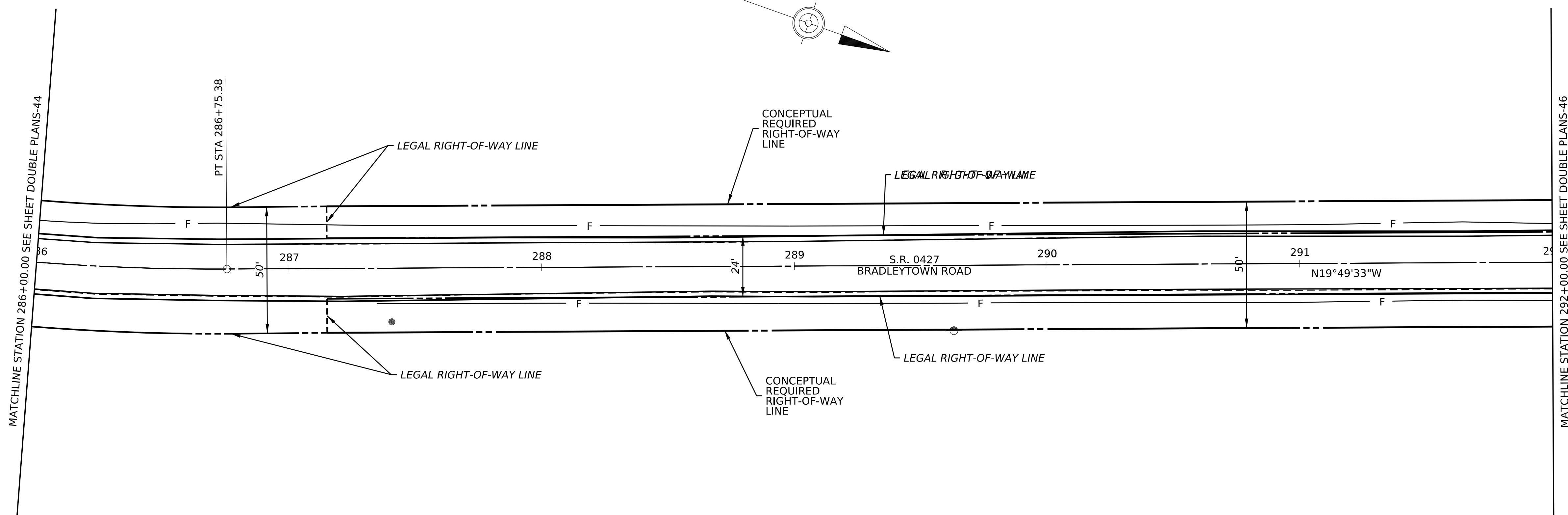
DISTRICT	COUNTY	ROUTE	SECTION	SHEET
01	VENANGO	0427	05M	37 OF 42

REV NO	REVISIONS	DATE	BY	APPD

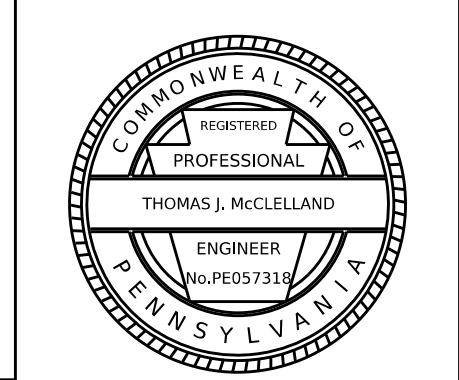
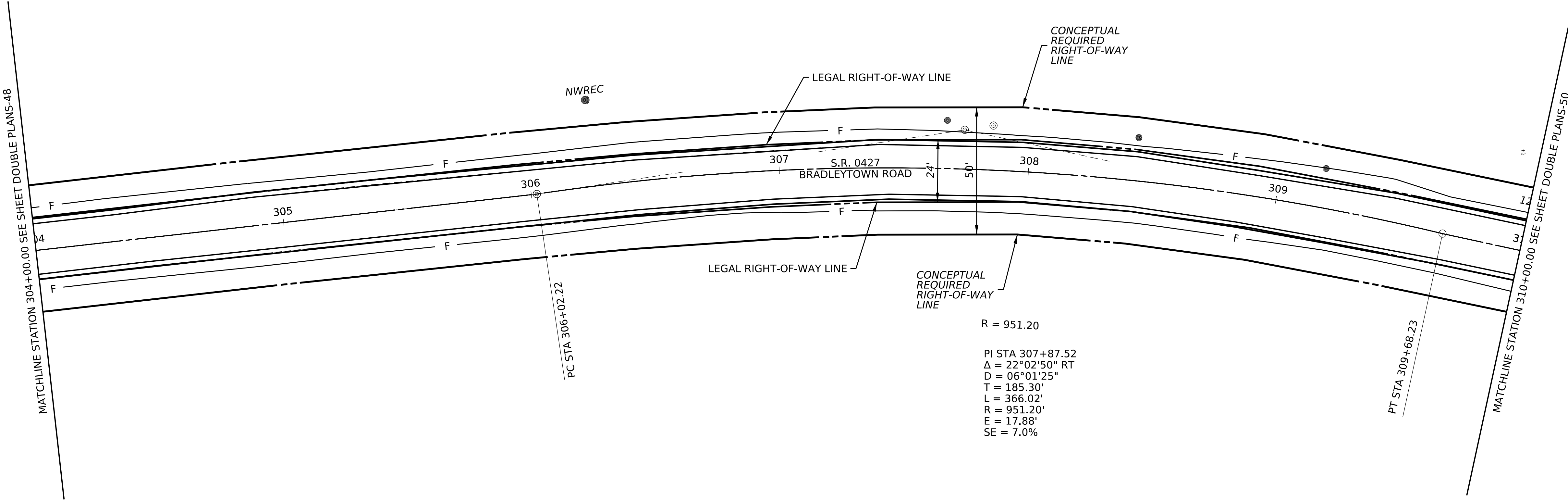
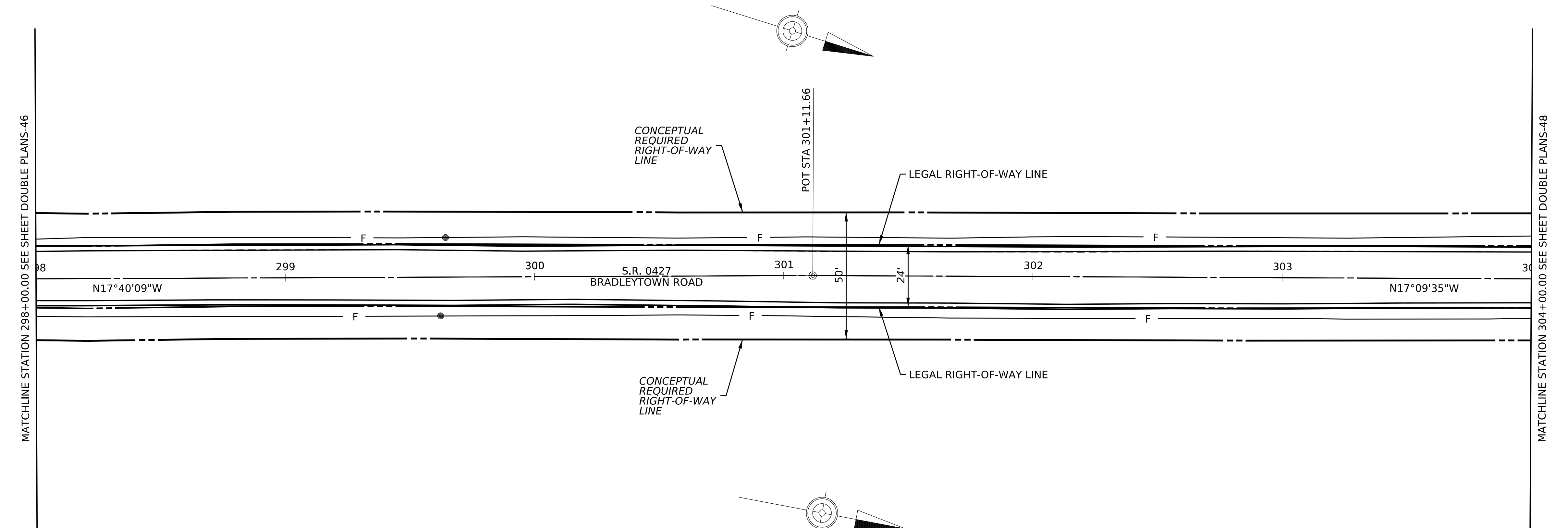


DISTRICT	COUNTY	ROUTE	SECTION	SHEET
01	VENANGO	0427	05M	38 OF 42

REV NO	REVISIONS	DATE	BY	APPD

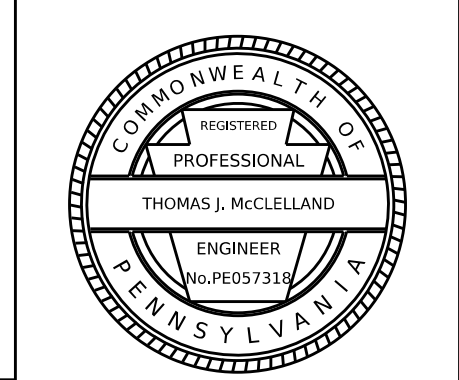
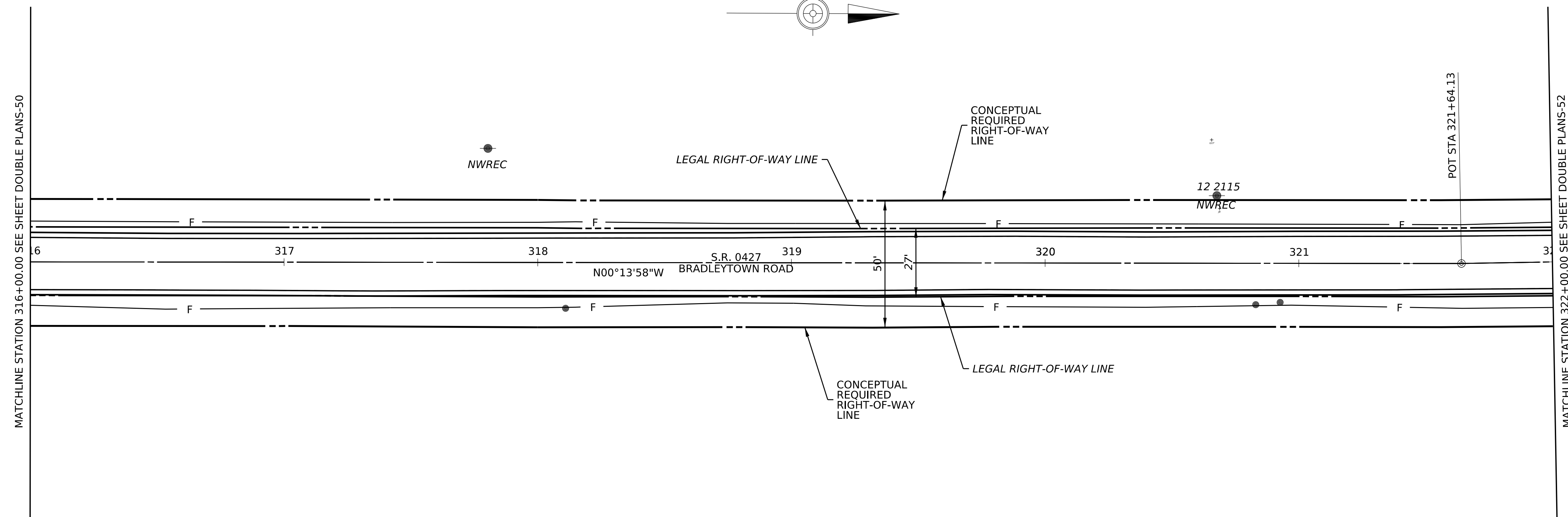
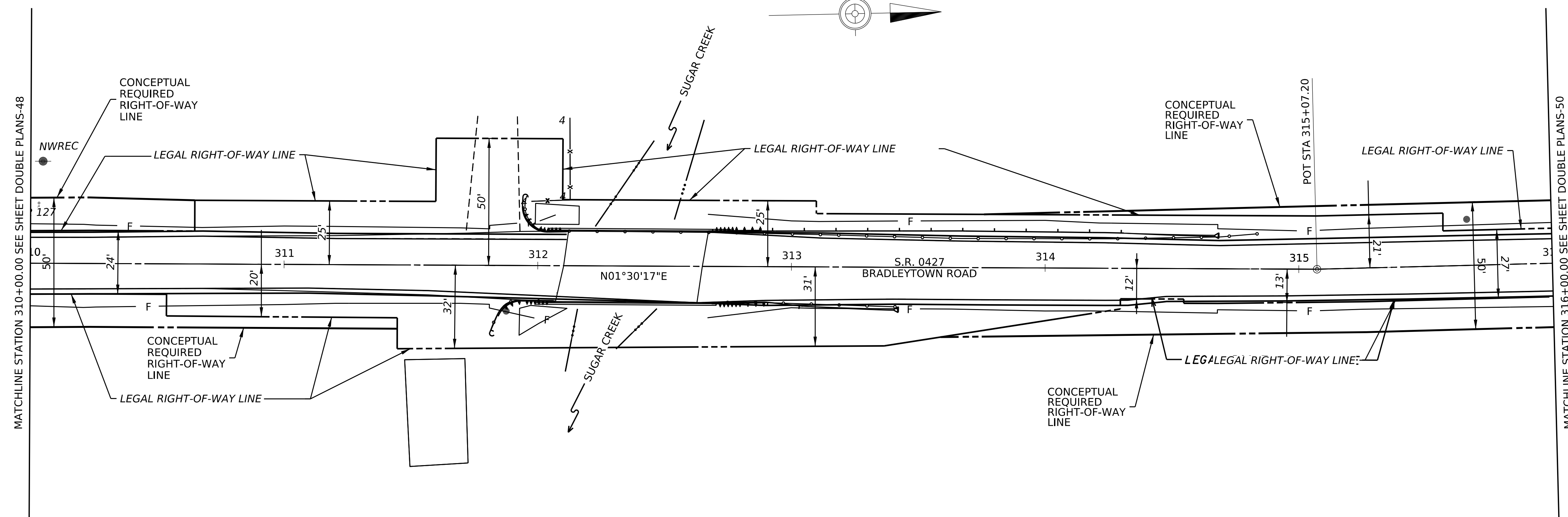


DISTRICT	COUNTY	ROUTE	SECTION	SHEET
01	VENANGO	0427	05M	39 OF 42
REV NO	REVISIONS			DATE BY APPD



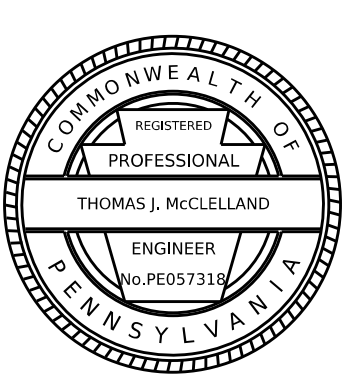
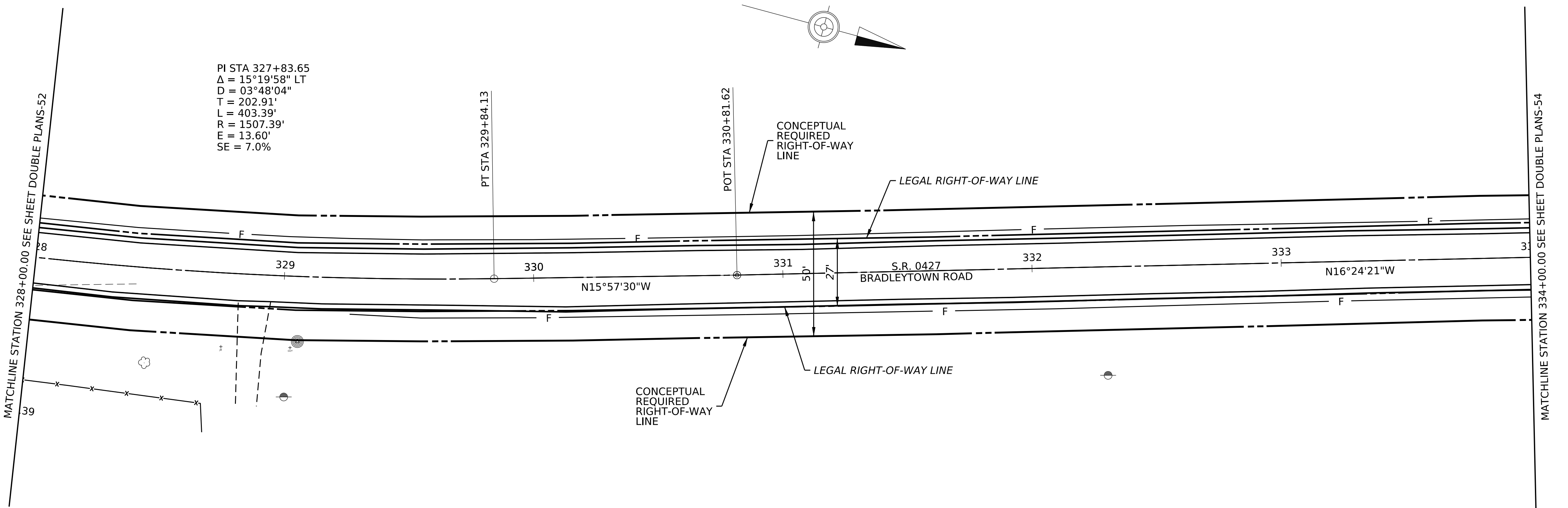
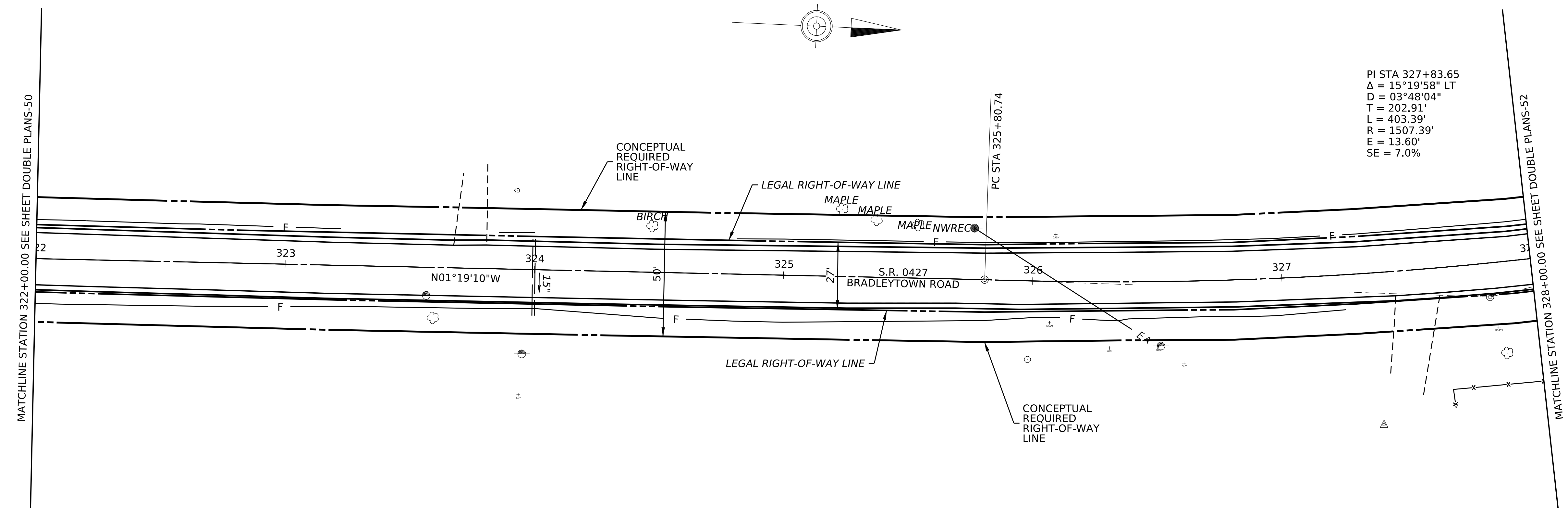
DISTRICT	COUNTY	ROUTE	SECTION	SHEET
01	VENANGO	0427	05M	40 OF 42

REV NO	REVISIONS	DATE	BY	APPD



DISTRICT	COUNTY	ROUTE	SECTION	SHEET
01	VENANGO	0427	05M	41 OF 42

REV NO	REVISIONS	DATE	BY	APPD



DISTRICT	COUNTY	ROUTE	SECTION	SHEET
01	VENANGO	0427	05M	42 OF 42

REV NO	REVISIONS	DATE	BY	APPD

