_							
	DISTRICT	COUNTY	TOWNSHIP	BOROUGH	ROUTE	SECTION	TOTAL SHEE
ı		CHESTER	EAST FALLOWFIELD		0082		
ı	6-0						10
ı	6-0						
ı							

# HIGHWAY OCCUPANCY PERMIT PLANS

FOR

DOE RUN ROAD/ STRODE AVE IMPROVEMENTS

STATE ROUTE 0082 (DOE RUN ROAD/STRODE AVE)

CHESTER COUNTY, PENNSYLVANIA

FROM STA 98+25.00 TO STA 111+31.00 LENGTH 1306.00 FT 0.247 MI FROM SEG 0402 OFFSET 1942 TO SEG 0412 OFFSET 0773

PENNDOT EPS NO. 339271

#### TITLE SHEET INDEX MAP GENERAL NOTES TYPICAL SECTIONS TYPICAL SECTIONS EXISTING CONDITIONS PLAN EXISTING CONDITIONS PLAN HIGHWAY IMPROVEMENT PLAN HIGHWAY IMPROVEMENT PLAN 9 GRADING PLAN 10 SIGNING & PAVEMENT MARKING PLAN 1 1 SIGNING & PAVEMENT MARKING PLAN 12 SIGNING & PAVEMENT MARKING PLAN 13 SIGNING & PAVEMENT MARKING PLAN 14 TRAFFIC CONTROL PLAN 15 TRAFFIC CONTROL PLAN 16

VEHICLE TURNING TEMPLATE

VEHICLE TURNING TEMPLATE

SHEET INDEX

SHEET TITLE

SHEET NUMBER

17

18

PENNONI ASSOCIATES INC. 158 W Gay Street, Suite 300 West Chester, PA 19382 T 610.429.8907 F 610.429.8918

#### APPLICANT:

**ENGINEER**:

EAST FALLOWFIELD TOWNSHIP 2264 STRASBURG ROAD EAST FALLOWFIELD, PA 19320

CALL BEFORE YOU DIG BEFORE YOU DIG ANYWHERE IN PENNSYLVANIA CALL 1-800-242-1776 PA. ACT 287 OF 1974 REQUIRES THREE WORKING DAYS NOTICE TO UTILITIES BEFORE YOU EXCAVATE, DRILL OR BLAST PENNSYLVANIA ONE-CALL SYSTEM, INC.

CURRENT ADT

## DESIGN DESIGNATION - SR 0082

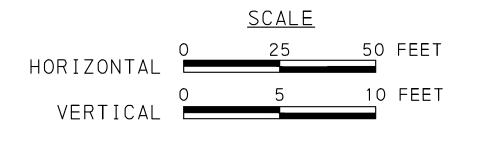
#### TRAFFIC DATA

- 3723 (2024)

HIGHWAY CLASSIFICATION - MINOR ARTERIAL DESIGN SPEED -35 MPH PAVEMENT WIDTH -VARIABLE 20 FT - 22 FT

-VARIABLE 2 FT - 3FT SHOULDER WIDTH MEDIAN WIDTH

DESIGN YEAR ADT - \* DHV - 372 - \* DATA TAKEN FROM PENNDOT TRAFFIC INFORMATION REPOSITORY (TIRe)



#### PENNDOT EPS NO. 339271

LIMIT OF WORK
STA. 111+31.00
SEG 0412 OFFSET 0773
S.R. 0082
VALLEY TOWNSHIP
CHESTER COUNTY LIMIT OF WORK
STA. 98+25.00
SEG 0402 OFFSET 1942
S.R. 0082
EAST FALLOWFIELD
CHESTER COUNTY

> 1 "= 4 MILE' LOCATION MAP: PENNDOT TYPE 10 MAP SITE LOCATED ON SR 0082

## UTILITY USER LIST

LOCATION MAP

UTILITIES SHOWN ARE TAKEN FROM PUBLIC RECORD. THE CONTRACTOR MUST VERIFY THE EXACT LOCATION AND

PURSUANT TO THE REQUIREMENTS OF PENNSYLVANIA ACT 287 (1974), AND AS AMENDED, THE CONTRACTOR SHALL CONTACT THE PENNSYLVANIA ONE CALL SYSTEM AT 1-800-242-1776, AT LEAST 3 WORKING DAYS PRIOR TO EXCAVATION. PENNSYLVANIA ONE CALL SYSTEM 20233410739 AND 20233410740

PECO AN EXELON COMPANY C/O USIC 45 S HENDERSON ROAD SUITE B KING OF PRUSSIA, PA 19406 ATT: NIKKIA SIMPKINS NIKKIASIMKINS@USICLLC.COM 484-6815720

PENNSYLVANIA AMERICAN WATER 100 CHESHIRE COURT SUITE 104 COATESVILLE, PA 19320 ATTN: GEORGE THOMAS GEORGE. THOMAS@AMWATER. COM 610-842-9111 ATTN: JAMES KELLY JAMES. KELLY@AMWATER. COM 610-384-2872

EAST FALLOWFIELD TOWNSHIP 2264 STRASBURG RD EAST FALLOWFIELD, PA 19320 ATTN: JUSTIN GATHERCOLE JUSTINGATHERCOLE@YAHOO.COM 610-635-6403

VERIZON BUSINESS FORMERLY MCI 7000 WESTON PKWY CARY, NC 27513 ATTN: VICTOR WOOD VICTOR.S.WOOD@VERIZON.COM 919-414-2782

VALLEY TOWNSHIP CHESTER COUNTY 1145 W LINCOLN HWY COATESVILLE, PA 19320 ATTN: JANIS RAMBO JRAMBO@VALLEYTOWNSIP.ORG 610-384-5751

SOIL

COMCAST 1250 HADDONFIELD-BERLIN RD CHERRY HILL, NJ 08034 ATTN: WYATT PARRISH WYATT\_PARRISGH@CABLE.COMCAST.COM 484-368-4391

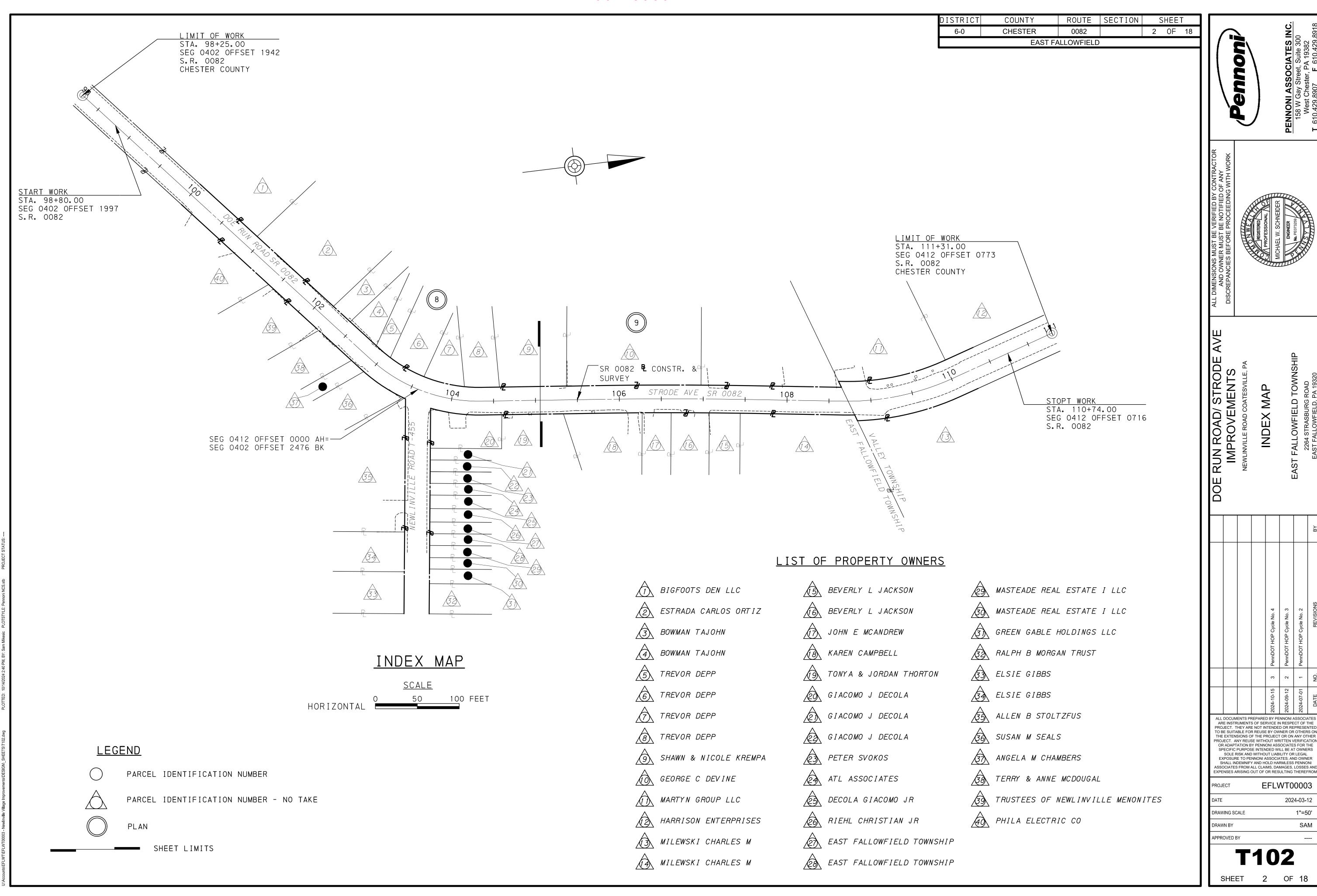
PA ONE CALL SYSTEM 1-800-242-1776 SERIAL NUMBERS: 20233410739 AND 20233410740 DECEMBER 7, 2023

ALL DOCUMENTS PREPARED BY PENNONI ASSOCIATES ARE INSTRUMENTS OF SERVICE IN RESPECT OF THE PROJECT. THEY ARE NOT INTENDED OR REPRESENTED TO BE SUITABLE FOR REUSE BY OWNER OR OTHERS ON THE EXTENSIONS OF THE PROJECT OR ON ANY OTHER PROJECT. ANY REUSE WITHOUT WRITTEN VERIFICATION OR ADAPTATION BY PENNONI ASSOCIATES FOR THE SPECIFIC PURPOSE INTENDED WILL BE AT OWNERS EXPOSURE TO PENNONI ASSOCIATES: AND OWNER ASSOCIATES FROM ALL CLAIMS, DAMAGES, LOSSES ANI EXPENSES ARISING OUT OF OR RESULTING THEREFROM

> EFLWT00003 2024-03-12

DRAWING SCALE

T101



DISTRICT	COUNTY	ROUTE	SECTION	S	SHEE	Γ
6-0	CHESTER	0082		3	0F	1
	EAST FA	ALLOWFIELD				

#### GENERAL NOTES

- THE CONTRACTOR IS REQUIRED TO NOTIFY THE DEPARTMENT AND SUBMIT AN ALLEGED VIOLATION (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).
- THE CONTRACTOR MUST COMPLY WITH ALL US DEPARTMENT OF LABOR, OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION REGULATIONS AS REVISED 1995, (OSHA 2226) ALL CONSTRUCTION MATERIALS SHALL BE IN ACCORDANCE WITH PENNDOT SPECIFICATION PUBLICATION 408/2020, LATEST REVISION, AND SHALL MEET OR EXCEED THE LOCAL MUNICIPALITY'S STANDARD SPECIFICATIONS FOR CONSTRUCTION.
- ALL CONSTRUCTION DETAILED ITEMS WILL REQUIRE SHOP DRAWINGS TO BE SUBMITTED TO PENNONI ASSOCIATES, INC. ALL SHOP DRAWINGS WILL BE REVIEWED FOR THOROUGHNESS, ACCURACY, AND COMPLIANCE BY OUR CONSTRUCTION SERVICES STAFF. ALL CONSTRUCTION MATERIALS SHOULD BE SUPPLIED BY MANUFACTURERS LISTED IN PENNDOT PUBLICATION 35, BULLETIN 15.
- THE EXISTING UTILITIES ARE BASED ON INFORMATION PROVIDED BY THE UTILITY COMPANIES VIA PLANS AND SITE MARKOUT. VERTICAL INFORMATION IS PROVIDED VIA RESPONDING USER'S PLAN AND IS APPROXIMATE. THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK AND AGREES TO BE RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE CAUSED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY UNDERGROUND UTILITIES.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE PENNSYLVANIA ONE CALL SYSTEM (PHONE: 1-800-242-1776) THREE WORKING DAYS IN ADVANCE OF ANY EXCAVATION FOR THE MARK-OUT OF THE LOCATION OF UTILITIES AND NOTIFICATION OF COMMENCEMENT OF WORK. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN ALL UTILITY MARKINGS WITHIN THE PROJECT LIMITS FOR THE DURATION OF THE PROJECT. IF UTILITY 21. PEDESTRIANS MUST BE ACCOMMODATED AT ALL TIMES DURING MARKINGS ARE OBLITERATED. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING PA ONE CALL FOR MARKOUT. THE ONE CALL SERIAL NUMBER FOR THIS PROJECT IS 20240813054.
- CONTRACTOR WILL MAKE EXPLORATION EXCAVATIONS AND LOCATE EXISTING UNDERGROUND FACILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS TO PLANS IF REVISIONS ARE NECESSARY. NOTIFY THE ENGINEER OF WORK IF ANY DISCREPANCIES IN UTILITY LINE LOCATIONS ARE FOUND.
- 7. CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN HEREON AND ANY OTHER EXISTING LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS.
- PENNONI ASSOCIATES INC MAKES NO CLAIM AS TO THE ACCURACY OF THE UNDERGROUND UTILITIES SHOWN ON THESE PLANS. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING AND VERIFYING THE DEPTH OF THE EXISTING UTILITIES; IN THE EVENT OF A UTILITY CONFLICT, THE ENGINEER OF WORK SHALL BE NOTIFIED.
- IF IT IS NECESSARY TO RELOCATE OR CONNECT INTO EXISTING UTILITIES WITHIN PENNDOT AND/OR CITY RIGHT-OF-WAY, IT WILL BE THE RESPONSIBILITY OF THE UTILITY OR THEIR APPOINTED CONTRACTOR TO OBTAIN THE NECESSARY PERMITS FROM PENNDOT AND/OR THE CITY.
- 10. IT IS THE CONTRACTORS SOLE RESPONSIBILITY TO GRADE ADJUST/RELOCATE OR HAVE ADJUSTED OR RELOCATED BY THE APPROPRIATE UTILITY COMPANY, ALL MANHOLES, VALVE COVERS, ETC. WHICH FALL WITHIN THE PROJECT LIMITS.
- 11. ALL UTILITY RELOCATION PERMITS TAKE PRECEDENCE OVER THE UTILITY RELOCATION POSITIONS SHOWN ON THE HOP PLANS.
- 12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROPERLY BACKFILLING AND COMPACTING ALL TRENCHES. NO TRENCHES ARE TO BE LEFT OPEN AFTER COMPLETION OF WORK FOR THE DAY. ALL CONSTRUCTION AREAS ARE TO BE KEPT IN A CONDITION THAT ALLOWS FOR SAFE MOVEMENT OF BOTH VEHICULAR AND PEDESTRIAN TRAFFIC. ANY EXCESS MATERIAL FROM TRENCHING SHALL BE DELIVERED TO A LAWFUL SITE LOCATION BY THE CONTRACTOR AT THEIR OWN EXPENSE.
- 13. A PRE-CONSTRUCTION MEETING SHALL BE HELD BETWEEN PENNDOT, THE CITY, THE APPLICANT, THE CONTRACTOR, THE ENGINEER, ALL UTILITY COMPANIES, AND VALLEY TOWNSHIP TO CLARIFY AND COORDINATE ALL CONSTRUCTION DETAILS.

#### GENERAL NOTES(CONT)

- 14. THE EXISTING TOPOGRAPHIC INFORMATION AND BASE SURVEY FROM ACTUAL SURVEY PERFORMED BY PENNONI ON 12/18/2023. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR VERIFYING THE ACCURACY OF THE EXISTING TOPOGRAPHIC AND BASE SURVEY INFORMATION PROVIDED IN THESE PLANS. THE CONTRACTOR SHOULD CONTACT THE ENGINEER BEFORE PROCEEDING WITH CONSTRUCTION IF THERE ARE ANY DIFFERENCES BETWEEN THE FIELD CONDITIONS AND BASE SURVEY SHOWN ON THE PLANS.
- 15. IT IS THE RESPONSIBILITY OF THE APPLICANT TO NOTIFY THE AFFECTED PROPERTY OWNERS OF THE PROPOSED CONSTRUCTION AND THE MODIFICATIONS ALONG THEIR PROPERTY FRONTAGE. A COPY OF THE WRITTEN NOTIFICATION MUST BE FORWARDED TO THE PENNSYLVANIA DEPARTMENT OF TRANSPORTATION DISTRICT 6-0 PERMITS UNIT.
- 16. ALL EXISTING SIGNS THAT ARE NO LONGER APPROPRIATE SHALL BE RETURNED TO THE OWNERS OF THE SIGN BY THE CONTRACTOR.
- 17. SAWLINE LOCATIONS MAY BE ADJUSTED IN THE FIELD AS DEEMED NECESSARY BY A PENNDOT REPRESENTATIVE.
- 18. FINAL APPROVAL OF THE PROPOSED SAWCUT LOCATION WILL BE AT THE DISCRETION OF THE INSPECTOR-IN-CHARGE AND WILL BE CONFIRMED AT THE PRE-CONSTRUCTION MEETING. IF THE SAWCUT MUST BE LOCATED WITHIN A TRAVEL LANE, IT WILL BE NECESSARY TO MILL AND OVERLAY THE TRAVEL LANE TO PREVENT A JOINT IN A WHEEL PATH.
- 19. NO UNSUITABLE MATERIAL IS TO BE USED IN ANY PORTION OF THE ROADWAY CONSTRUCTION. REMOVE ANY SUBGRADE THAT CANNOT BE PROPERLY COMPACTED AND TREAT AS UNSUITABLE MATERIAL. UNDERCUTTING AND/OR STABILIZATION MAY BE REQUIRED. THE SUBGRADE MUST BE APPROVED BY A PENNDOT REPRESENTATIVE PRIOR TO PLACEMENT OF THE SUBBASE.
- 20. ALL EXISTING PAVEMENT MARKINGS WHICH ARE NO LONGER APPROPRIATE SHALL BE ERADICATED BY THE PERMITTEE USING AN ERADICATION METHOD APPROVED BY A PENNDOT FIELD REPRESENTATIVE. THE PERMITTEE SHALL PLACE ALL REQUIRED NEW PAVEMENT MARKINGS.
- CONSTRUCTION.
- 22. THE LEGAL RIGHT-OF-WAY ON DOE RUN ROAD (SR 0082) IS 33 FEET, ON NEWLINVILLE ROAD (T-455) IS 30 FEET, AND STRODE AVE (SR 0082) IS 33 FEET ACCORDING TO PLANS PREPARED BY PICKERING, CORTS & SUMMERSON, INC. AS APPROVED BY PENNSYLVANIA DEPARTMENT OF TRANSPORTATION ON SEPTEMBER 17.
- 23. ALL PROPOSED PEDESTRIAN FACILITIES REFLECTED ON THESE PLANS THAT ARE OUTSIDE OF PENNDOT LEGAL RIGHT-OF-WAY, SHALL BE CONSTRUCTED TO COMPLY WITH THE REQUIREMENTS OF THE US ACCESS BOARD, PUBLIC RIGHT-OF-WAY ACCESSIBILITY GUIDELINES (PROWAG) AND THE 2010 ADA STANDARDS. PENNDOT DESIGN MANUAL PART 2. CHAPTER 6. AND PENNDOT STANDARDS FOR ROADWAY CONSTRUCTION (PUBLICATION 72M, RC-67M) PROVIDE GUIDANCE ON ADA ACCESSIBLE DESIGN FOR PEDESTRIAN FACILITIES AND CAN BE UTILIZED FOR REFERENCE.
- 24. NO WORK IS TO PROCEED WITHOUT AN EROSION AND SEDIMENT POLLUTION CONTROL PLAN THAT HAS BEEN REVIEWED AND FOUND ADEQUATE BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION. ALL WORK IS TO OCCUR IN ACCORDANCE WITH THIS PLAN. THIS PLAN IS TO BE ON-SITE AND AVAILABLE AT ALL TIMES.
- 25. ALL WORK AND MATERIALS FOR EROSION AND SEDIMENT POLLUTION CONTROL TO CONFORM TO FORM 408 WHEN NOT SPECIFICALLY REFERENCED IN THE SPECIFICATIONS FOR THIS PROJECT.
- 26. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL EROSION CONTROL FACILITIES FOR THIS PROJECT. INSPECT ALL EROSION CONTROL FACILITIES EMPLOYED ON THIS PROJECT AT LEAST ONCE A WEEK AND AFTER EACH STORM EVENT, AND REPAIR OR REPLACE ANY FACILITY DAMAGED OR NON-FUNCTIONAL TO THE SATISFACTION OF THE ENGINEER. REMOVE AND DISPOSE OF ANY SILT FROM ANY LOCATION WHEN IT HAS ACCUMULATED TO A DEPTH OF SIX INCHES AGAINST OR NEAR ANY CONTROL DEVICE OR AS DIRECTED BY THE ENGINEER.
- 27. IN ALL AREAS THAT ARE TO RECEIVE PAVEMENT OR SIDEWALK, SUBBASE OR AGGREGATE BASE COURSE MUST BE PLACED AS SOON AS PRACTICAL AFTER SUBGRADE IS ACHIEVED. THIS REQUIRES THAT PAVING COURSES FOLLOW THE STONE PLACEMENT VERY CLOSELY OR CONTAMINATION OF THE SUBBASE OR STONE MAY OCCUR REQUIRING REMOVAL AND REPLACEMENT OF THE CONTAMINATED MATERIAL. THE COVERING OF BASE EARTH WITH STONE IS CONSIDERED STABILIZATION OF SAME.
- 28. EMPLOY CONSTRUCTION METHODS AND MEANS THAT KEEP FLYING

#### GENERAL NOTES(CONT)

DUST TO A MINIMUM. PROVIDE FOR THE DISTRIBUTION OF WATER ON THE PROJECT FOR THE PURPOSE OF LIMITING DUST. THE MATERIALS AND METHODS USED FOR WATER LAYING ARE SUBJECT TO THE APPROVAL OF THE ENGINEER. PROVIDE FOR THE PROMPT REMOVAL FROM EXISTING PAVING OF ALL DIRT AND OTHER MATERIALS THAT HAVE SPILLED, WASHED UPON, OR OTHERWISE DEPOSITED THEREON BY HAULING AND OTHER OPERATIONS. PROVIDE A STREET SWEEPER TO PICK UP ANY TRACKING FROM CONSTRUCTION VEHICLES FOR THIS PROJECT.

- 29. NO TRACKING OF MUD OR SEDIMENT SHALL BE PERMITTED ONTO PUBLIC ROADS AND OUTSIDE THE LIMITS OF CONSTRUCTION. REMOVE ANY SEDIMENT TRACKED ONTO PUBLIC ROADWAYS AND RETURN TO THE CONSTRUCTION SITE.
- 30. DETAILS OTHER THAN THOSE INDICATED ARE ON THE FOLLOWING STANDARD DETAILS FROM PENNDOT PUBLICATION 72M. THE PERMITTEE IS REQUIRED TO PROVIDE THE CONTRACTOR WITH COPIES OF THE MOST CURRENT APPLICABLE RC DRAWINGS FROM PENNDOT PUBLICATION 72M. 00S JUN. 13, 2013

RC-10M JUN.	1,	2010	8700S	JUN.	13,	2013
RC-13M JUN.	1,	2010	8900S	JUN.	13,	2013
RC-22M FEB.	8,	2019				
RC-25M FEB.	27,	2023				
RC-28M SEP.	1,	2023				
RC-30M FEB.	27,	2023				I
RC-39M NOV.	30,	2021				·
RC-45M FEB.	19,	2021				SR (
RC-46M FEB.	19,	2021				SR (
RC-64M FEB.	19,	2021				

#### TABULATION OF SEGMENT EQUALITIES

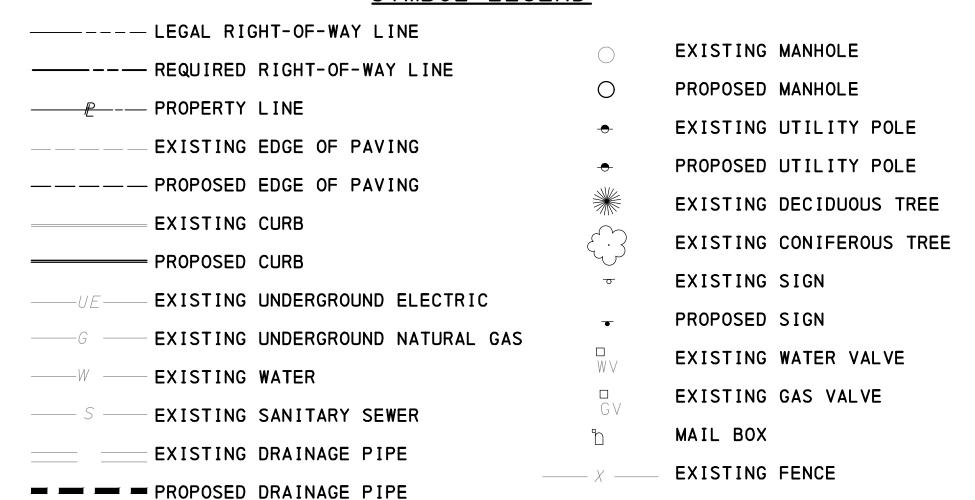
SR 0082 STATION 103+58.28 BK = SEG 0402 OFFSET 2476 SR 0082 STATION 103+58.28 AH = SEG 0412 OFFSET 0000

RC-67M FEB. 19, 2021 RC-70M FEB. 8, 2019 RC-72M FEB. 8, 2019

- 31. ALL WORK IN PENNDOT RIGHT-OF-WAY IS TO BE BUILT IN ACCORDANCE WITH:
  - PENNDOT PUBLICATION 408
  - PENNDOT PUBLICATIONS 34, 35, 41, AND 42
  - PENNDOT PUBLICATION 72M
  - PENNDOT PUBLICATIONS 148 AND 149
  - PENNDOT PUBLICATION 282 PENNDOT PUBLICATION 213 (67 PA CODE, CHAPTER 212)
  - PENNDOT PUBLICATION 70M
  - PENNDOT PUBLICATION 111M
  - PENNDOT PUBLICATION 13M • PENNDOT PUBLICATION 236M
  - PENNDOT PUBLICATION 46
  - PENNDOT PUBLICATION 212 PENNDOT PUBLICATION 888
  - PENNDOT PUBLICATION 584
  - PENNSYLVANIA CODE TITLE 67, CHAPTERS 441 AND 459 • MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) -
  - LATEST ADOPTED VERSION
- 32. FOR PERMITS REQUIRING A STATE INSPECTOR, FOLLOWING THE PERMITTEE'S REQUEST, ALL WORK WITHIN THE RIGHT-OF-WAY SHALL BE COMPLETED WITHOUT TIME INTERRUPTIONS.
- 33. MATERIAL CERTIFICATIONS MUST BE PROVIDED BY AN APPROVED MANUFACTURER LISTED IN THE DEPARTMENT'S PUBLICATION 35, BULLETIN 15, FOR ALL MATERIALS AND STRUCTURES WITHIN THE PENNDOT RIGHT-OF-WAY.

EXISTING INLET

#### SYMBOL LEGEND



GENERAL

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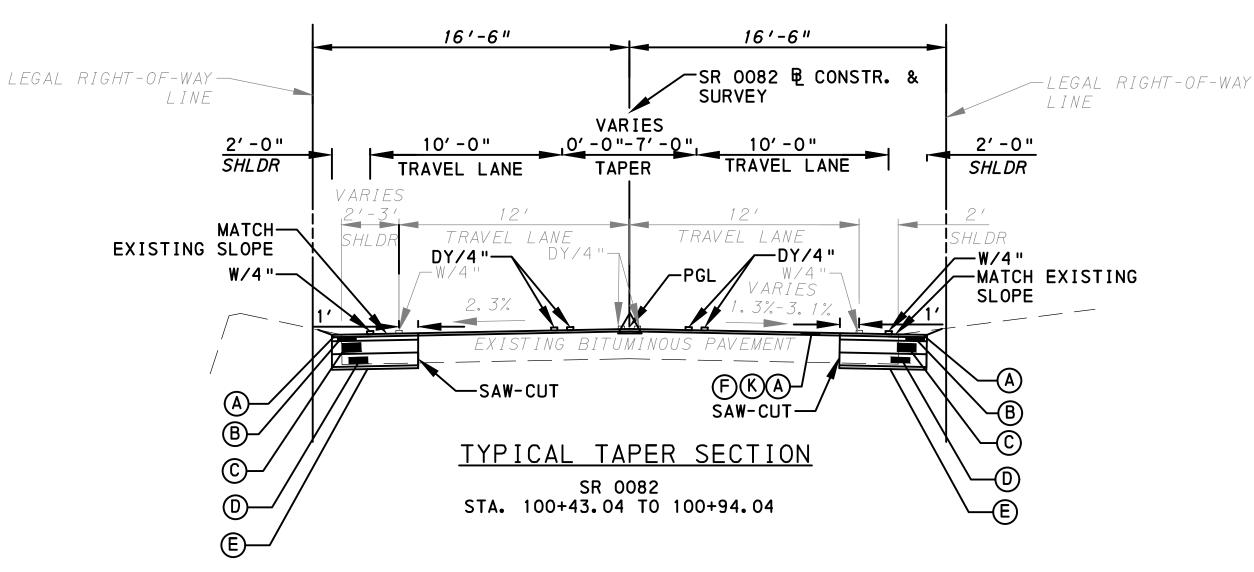
ASSOCIATES FROM ALL CLAIMS, DAMAGES, LOSSES ANI EXPENSES ARISING OUT OF OR RESULTING THEREFROM EFLWT00003 2024-03-12

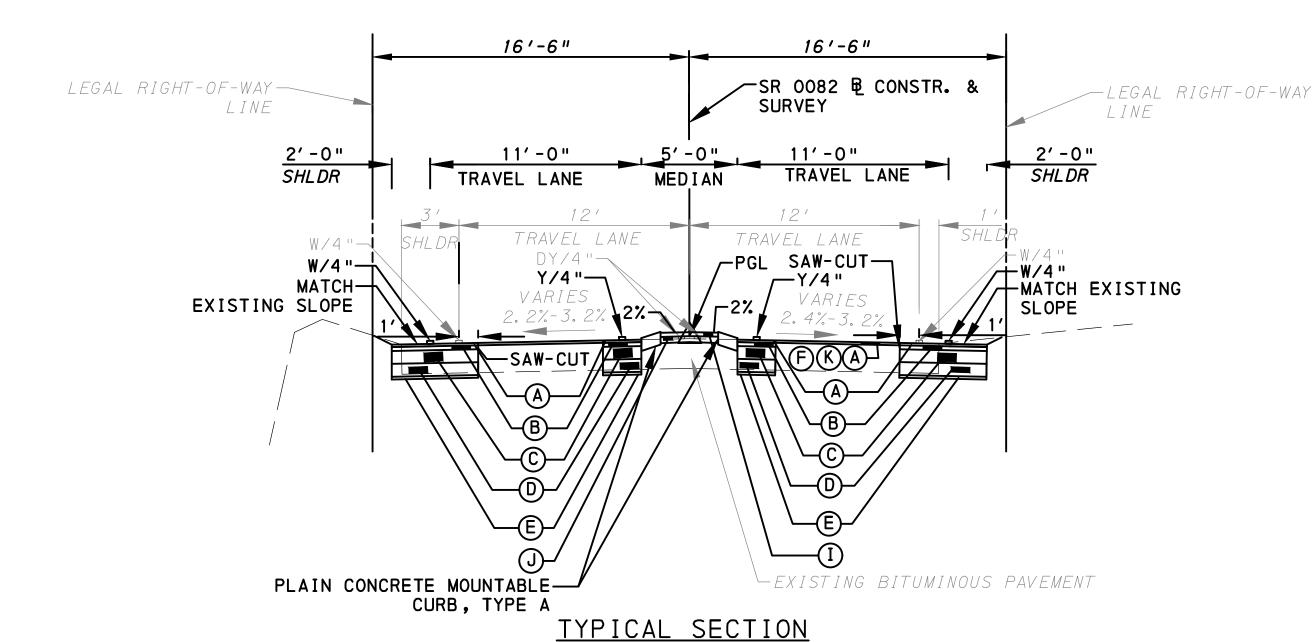
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DRAWING SCALE APPROVED BY

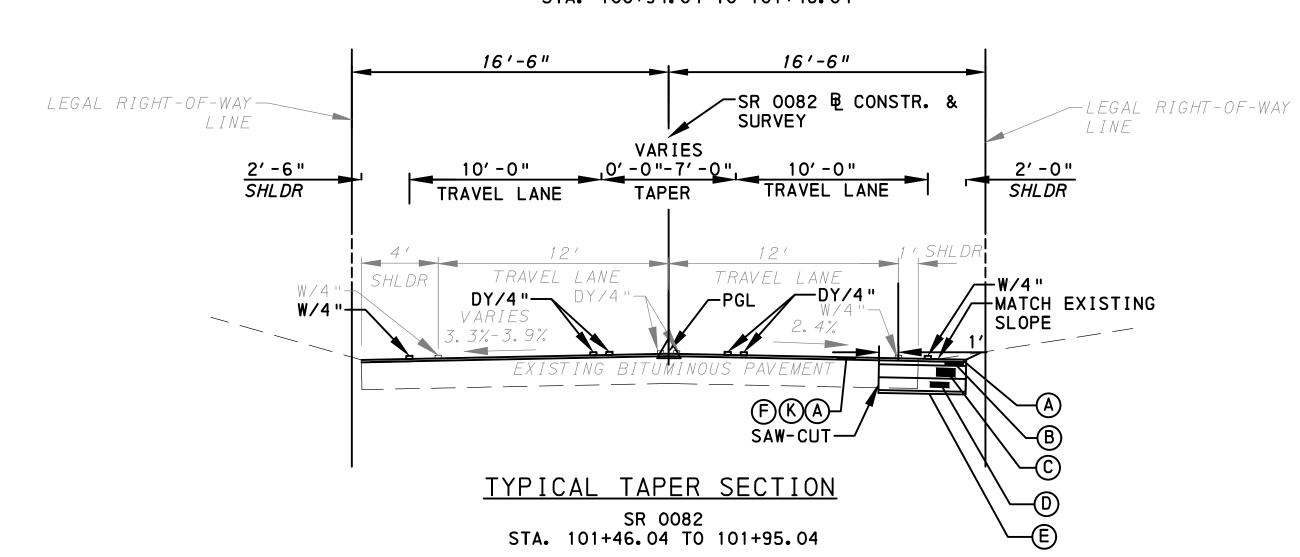
**T201** 

DISTRICT	COLINITY	ROUTE	SECTION		SHEE		
DISIRICI	COUNTY	ROUTE	SECTION		SHEE	<u> </u>	
6-0	CHESTER	0082		4	OF	18	
EAST FALLOWFIELD							





SR 0082 STA. 100+94.04 TO 101+46.04



EXISTING PAVEMENT HISTORY FOR SR 0082 SEG 0402

1.5" SPAV, WMA WRG, 64-22, 9.5MM, H (2020)
1.5" BIT. WRG CRSE ID-2 (1987)
8" BIT. CONC BASE CRSE (1988)
2.5" BIT. WEARING CRSE ID-2 (1967)
2.5" BIT. WRG CRSE CP-2 (1957)
2" BIT. CONC BASE CRSE (1916)
3" UNKNOWN SUBBASE (1916)

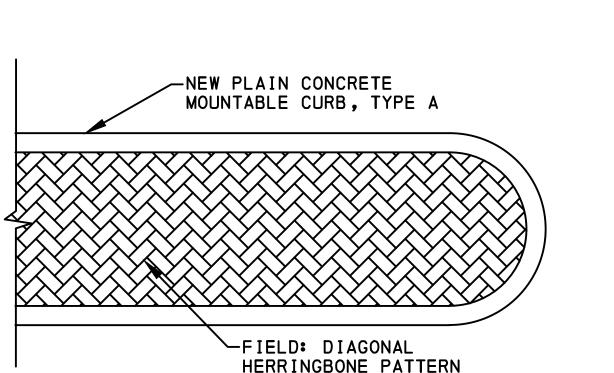
EXISTING PAVEMENT HISTORY FOR SR 0082 SEG 0412

1.5" SPAV, WMA WRG, 64-22, 9.5MM, H (2020)
1.5" BIT. WRG CRSE ID-2 (1987)
8" BIT. CONC BASE CRSE (1987)
2.5" BIT. WEARING CRSE ID-2 (1967)
2.5" BIT. WRG CRSE CP-2 (1957)
4" CRUSHED STONE SUBBASE (1916)

OTE: THE DEPTHS OF MATERIAL SHOWN ARE FOR DESIGN PURPOSES ONLY. ANY RISK OF UNANTICIPATED COSTS ASSOCIATED WITH DIFFERENCES BETWEEN THE LISTED DEPTHS AND THE ACTUAL DEPTHS SHALL BE ACCEPTED BY THE CONTRACTOR.

#### LEGEND

- SEEDING AND SOIL SUPPLEMENTS FORMULA B
- ② SEEDING AND SOIL SUPPLEMENTS FORMULA D
- A SUPERPAVE ASPHALT MIXTURE DESIGN, WEARING COURSE, PG 64S-22 3 TO <10.0 MILLION ESALS, 9.5 MM MIX, 1 1/2" DEPTH, SRL E
- B SUPERPAVE ASPHALT MIXTURE DESIGN, BINDER COURSE, PG 64S-22 3 TO <10.0 MILLION ESALS, 19.0 MM MIX, 2 1/2" DEPTH
- C SUPERPAVE ASPHALT MIXTURE DESIGN, BASE COURSE, PG 64S-22 3 TO <10.0 MILLION ESALS, 25.0 MM MIX, 4" DEPTH
- D SUBBASE (NO 2A), 6 DEPTH OR MATCH EXISTING, WHICHEVER IS GREATER
- (E) CLASS 4, TYPE B, GEOTEXTILE
- (F) BITUMINOUS TACK COAT
- G CEMENT CONCRETE SIDEWALK
- H SUBBASE 6" DEPTH (NO. 2A) (INCIDENTAL TO SIDEWALK)
- I SUPERPAVE ASPHALT MIXTURE DESIGN, WEARING COURSE, PG 64S-22 3 TO <10.0 MILLION ESALS, 9.5 MM MIX, 2" DEPTH, SRL E
- J SUBBASE (NO 2A), 4 DEPTH
- MILLING OF EXISTING BITUMINOUS PAVEMENT, VARIABLE DEPTH



NOTES:

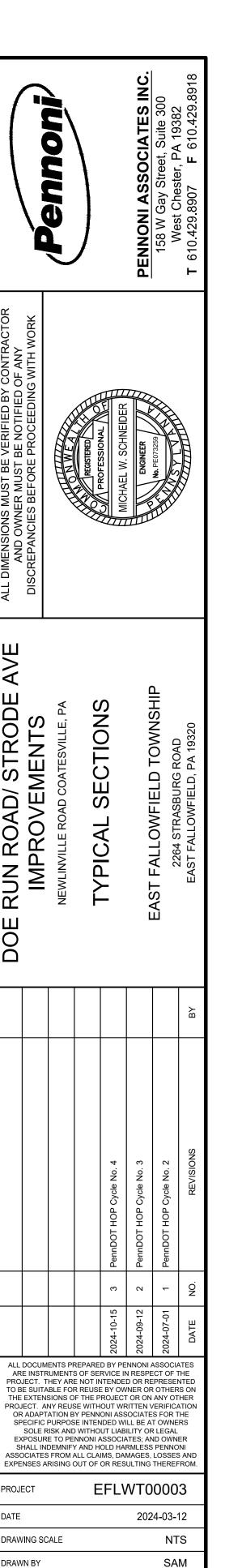
1. PROVIDE 2" ASPHALT A MINIMUM OF
15-DAYS PRIOR AND A MAXIMUM OF
25-DAYS PRIOR TO THE INSTALLATION
OF THE DECORATIVE MEDIAN.

- 2. DECORATIVE MEDIAN TO BE DIAGONAL HERRINGBONE FIELD , AS MANUFACTURED BY ENNIS-FLINT, OR APPROVED EQUAL.
- 3. PROVIDE STANDARD COLOR CHART TO EAST FALLOWFIELD TOWNSHIP FOR COLOR SECTION(S). CONFIRM PATTERNS AND COLORS PRIOR TO INSTALLATION.

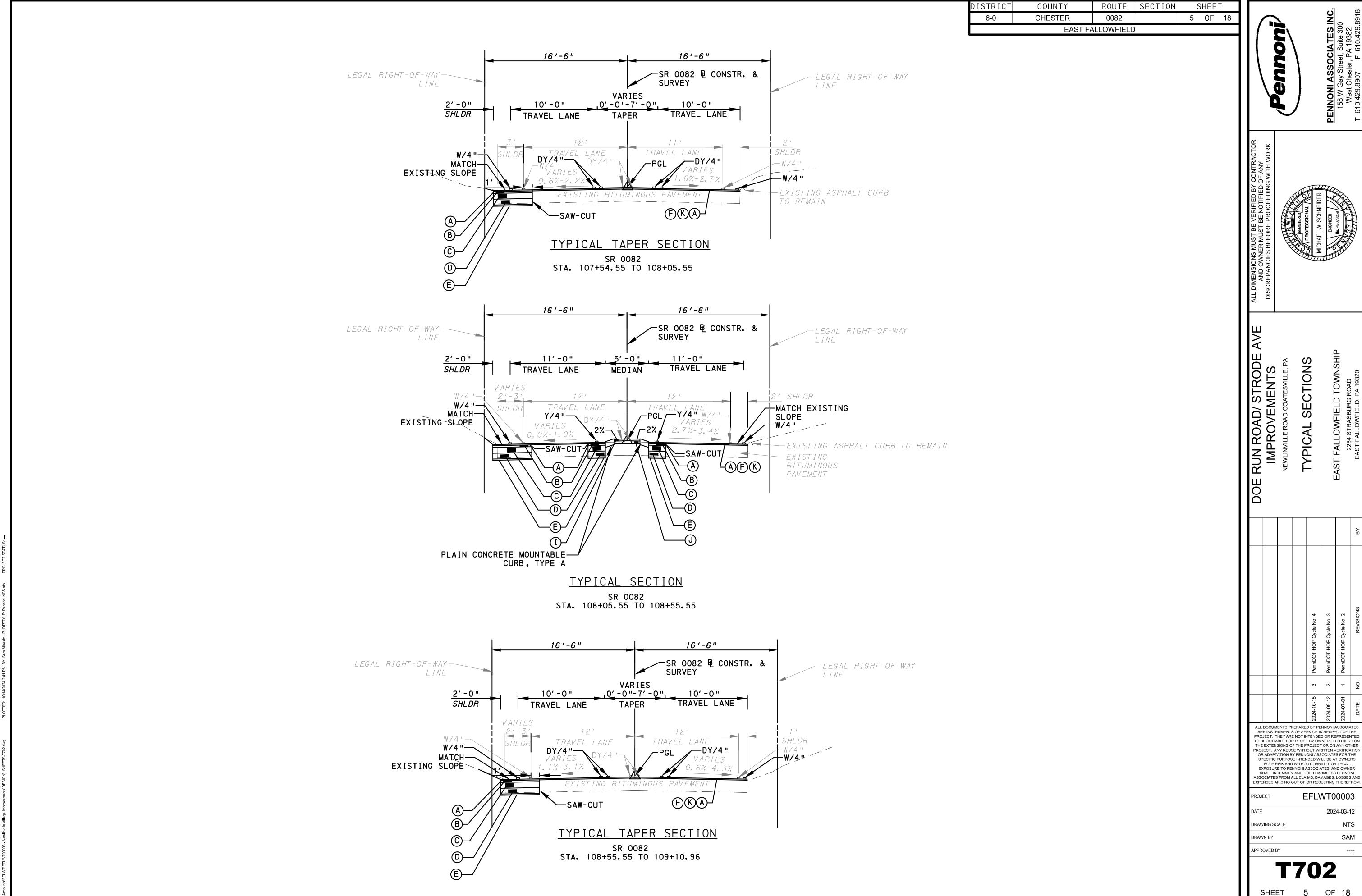
STAMPED ASPHALT

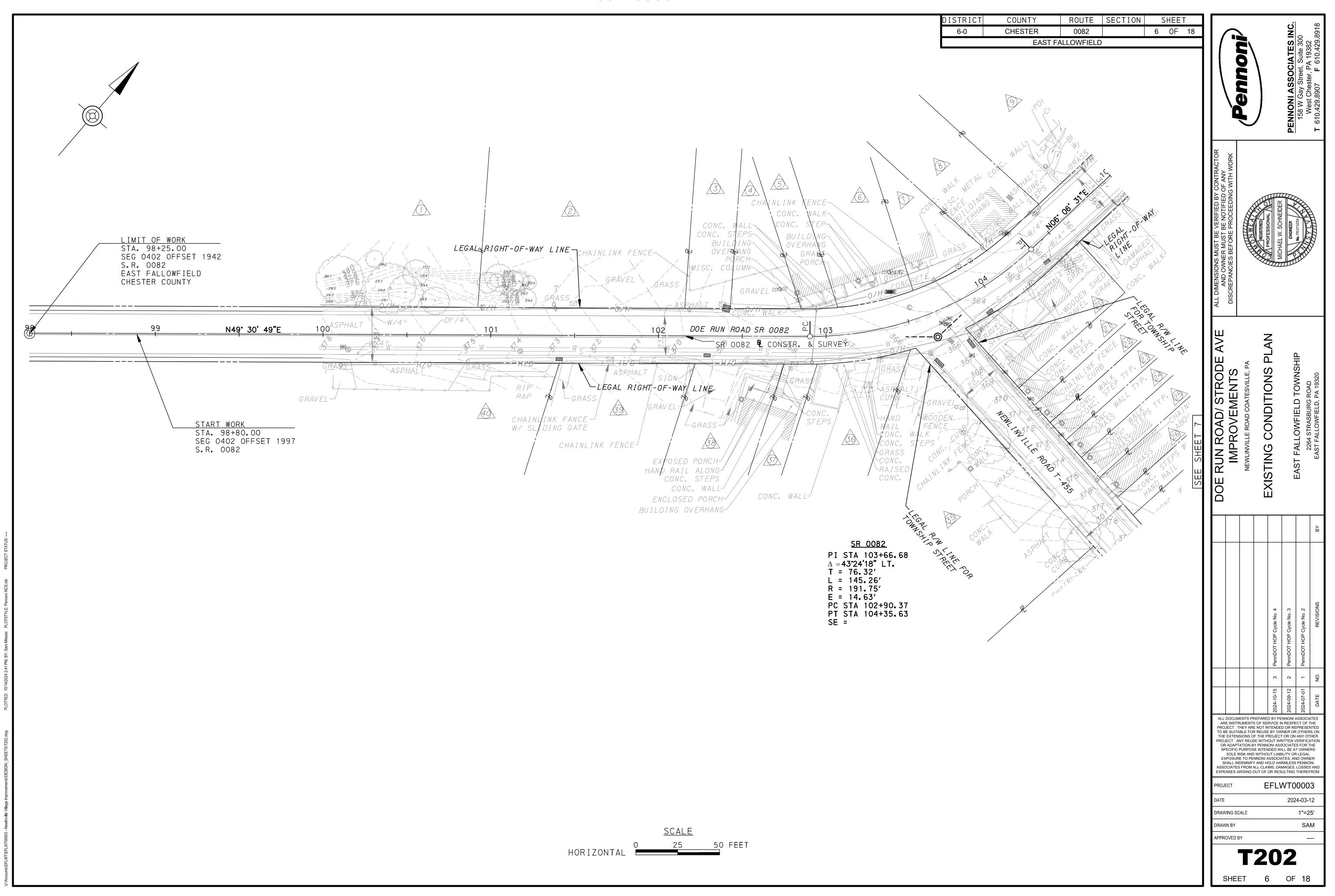
DETAIL

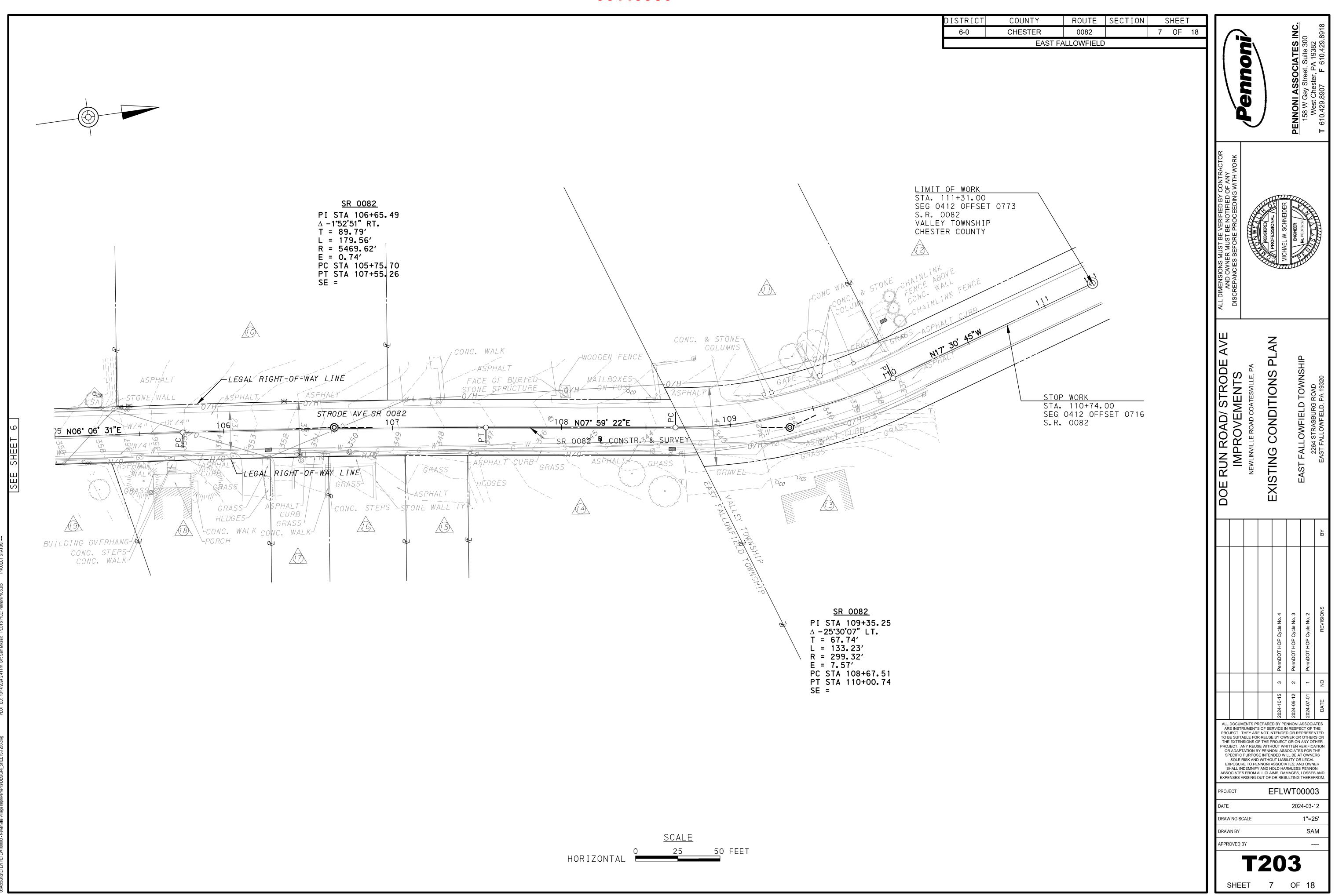
NOT TO SCALE

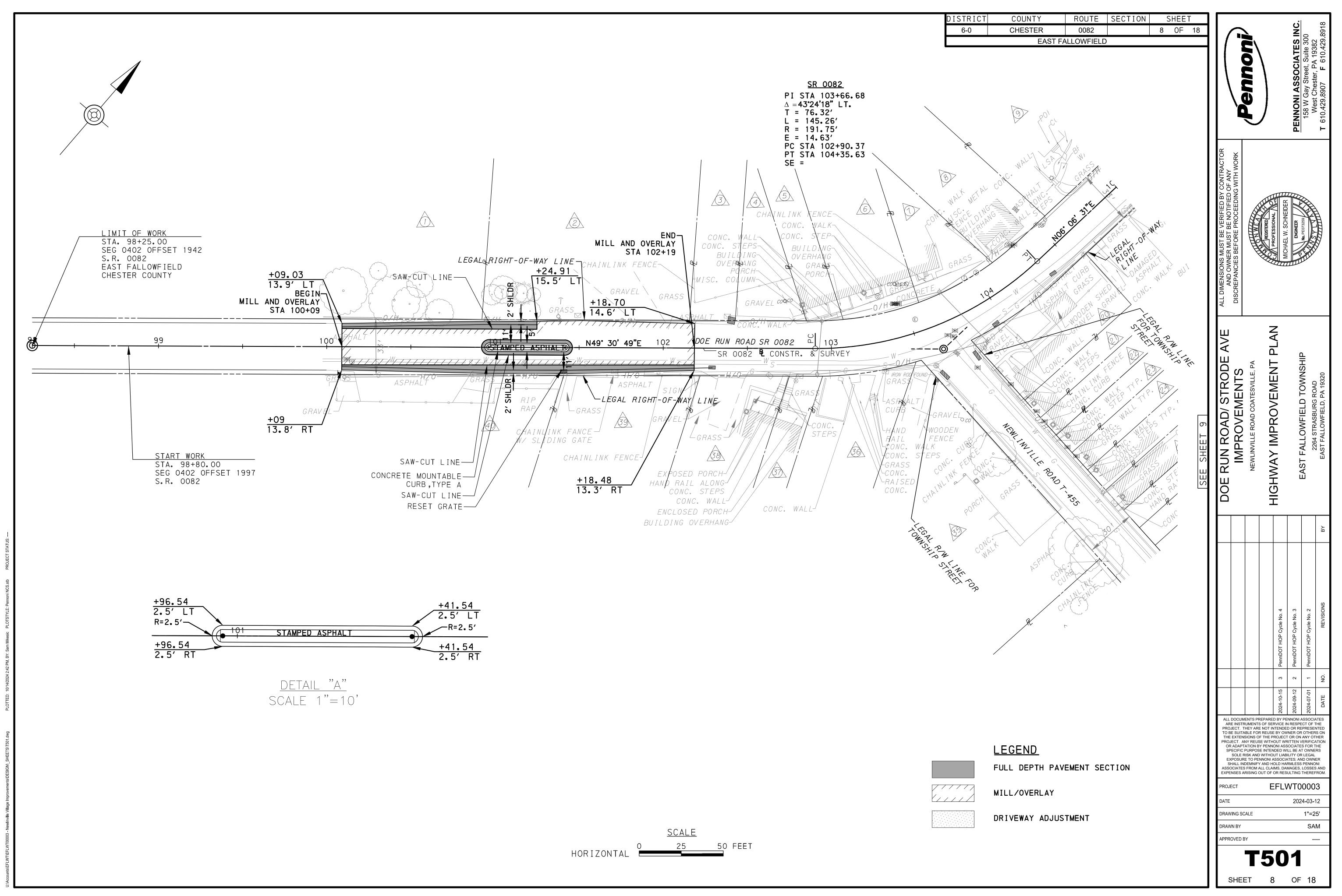


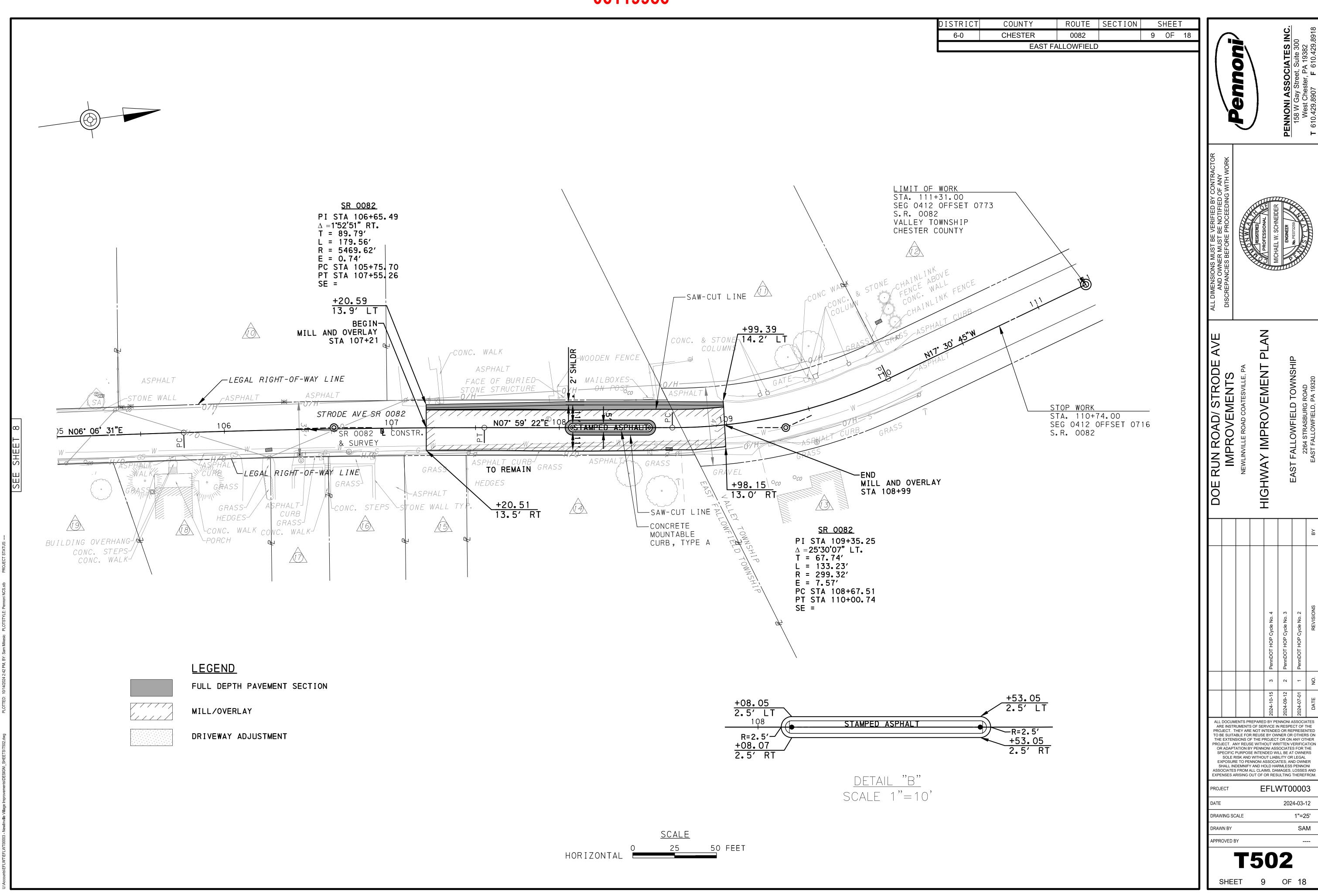
**T701** 

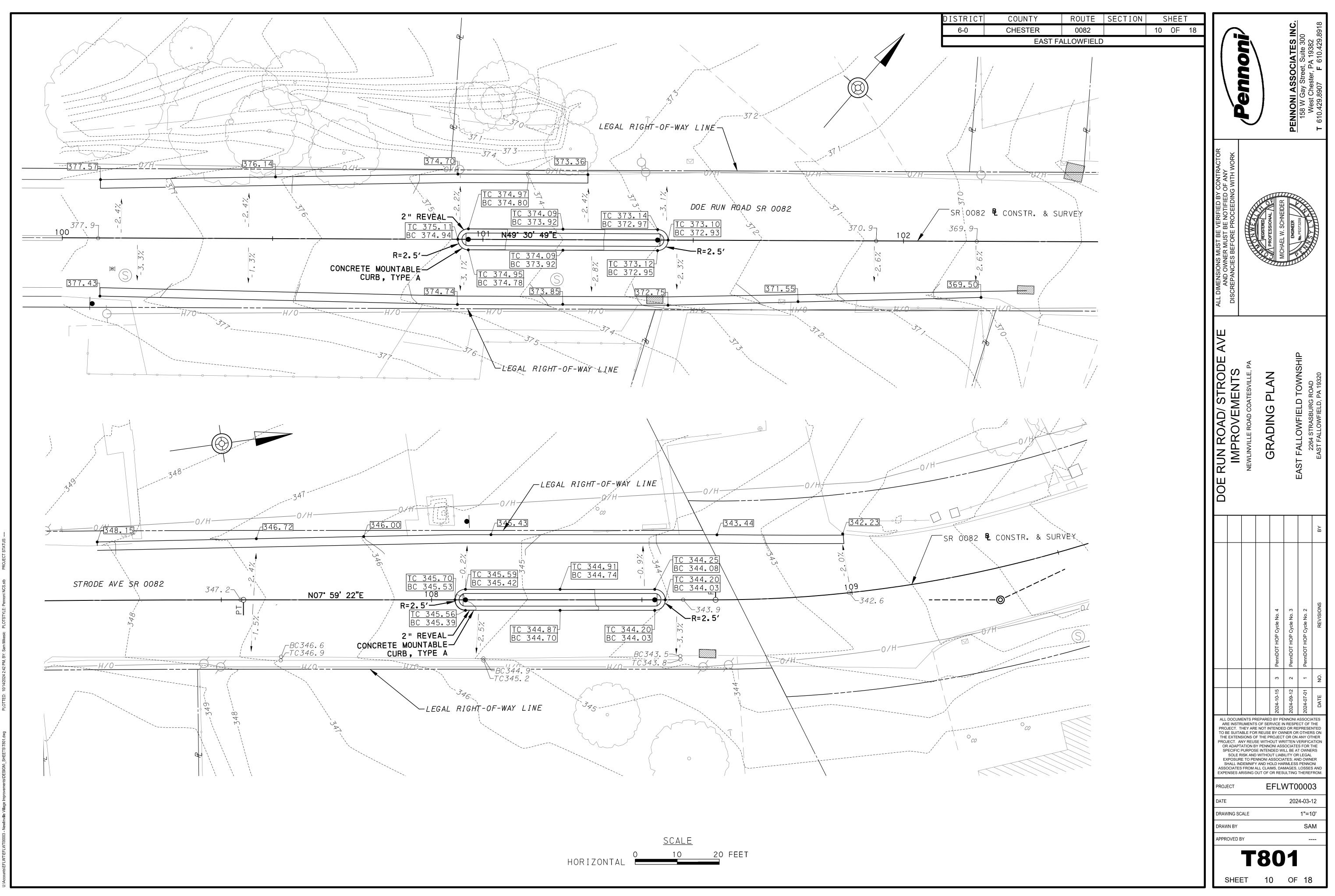






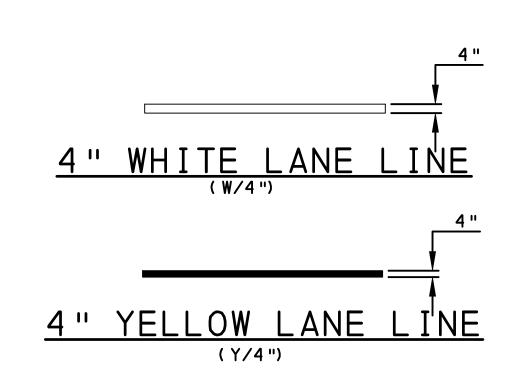


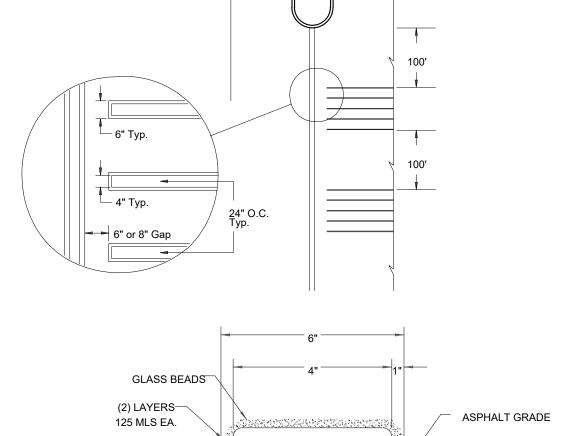


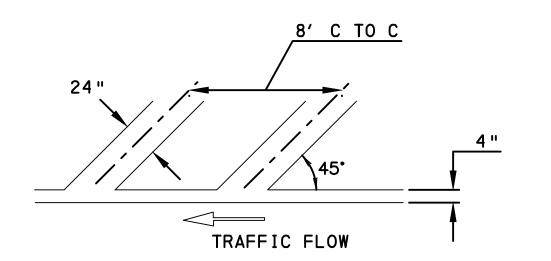


#### GENERAL NOTES

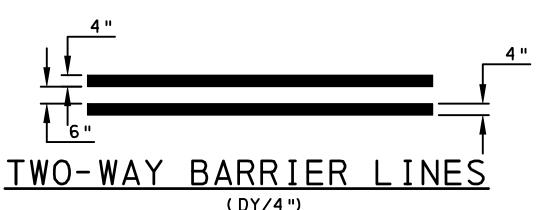
- 1. MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE DEPARTMENTS PUBLICATION 408/2020, LATEST REVISION.
- 2. ALL PAVEMENT MARKINGS SHALL BE REFLECTORIZED.
- 3. THE CONTRACTOR SHALL PREPARE THE PAVEMENT SURFACE FOR THE PROPER ADHESION. ANY SWEEPING OR REMOVAL OF DEBRIS, GRAVEL, DIRT, OR OTHER FOREIGN MATERIALS SHALL BE CONSIDERED INCIDENTAL TO THE INSTALLATION OF THE NEW PAVEMENT MARKINGS, AND NO SEPARATE PAYMENTS SHALL BE MADE THEREFORE.
- 4. THE CONTRACTOR SHALL REMOVE ALL PREVIOUS PAVEMENT MARKINGS, WHICH IN THE OPINION OF THE ENGINEER CONFLICT WITH THE NEW PAVEMENT MARKINGS. UNLESS SPECIFICALLY STATED OTHERWISE, THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE INSTALLATION OF THE NEW PAVEMENT MARKINGS, AND NO SEPARATE PAYMENT WILL BE MADE THEREFORE.
- 5. PRIOR TO APPLICATION, THE CONTRACTOR SHALL FIELD CHECK AND LOCATE ALL PAVEMENT MARKINGS TO THE SATISFACTION OF THE ENGINEER.
- ALL MARKINGS IMPROPERLY APPLIED, LOCATED OR DAMAGED BY VEHICLES DRIVING OVER THEM BEFORE THEY ARE COMPLETELY DRY SHALL BE COMPLETELY REMOVED AND CORRECTLY REAPPLIED, AT THE SOLE EXPENSE OF THE CONTRACTOR.
- 7. WHERE BITUMINOUS SEALANT PREVENTS OR MAKES IMPRACTICAL THE EXTENDING OF LINES TO THE FACE OF THE CURB, THE CONTRACTOR SHALL EXTEND LINES TO EDGE OF SEALANT OR WITHIN ONE FOOT OF THE FACE OF CURB, WHICHEVER IS LESS.
- 8. WITHIN THE LIMITS OF WORK AND THE PENNDOT LEGAL RIGHT-OF-WAY ALL INAPPROPRIATE SIGNS AND SIGNS NOT LABELED TO REMAIN, TO BE RESET OR TO BE RELOCATED SHALL BE REMOVED BY THE CONTRACTOR. ALL DISCREPANCIES SHALL BE BROUGHT TO THE ENGINEER FOR RESOLUTION.
- 9. ALL EXISTING PAVEMENT MARKINGS WHICH ARE NO LONGER APPROPRIATE SHALL BE ERADICATED USING AN ERADICATION METHOD APPROVED BY A PENNDOT FIELD REPRESENTATIVE.
- 10. THESE PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH THE REGULATIONS GOVERNING THE DESIGN, LOCATION, AND OPERATION OF ALL OFFICIAL TRAFFIC SIGNS, SIGNALS, AND MARKING ON AND ALONG HIGHWAYS WITHIN THE COMMONWEALTH OF PENNSYLVANIA.
- 11. ALL WORK IN PENNDOT RIGHT-OF-WAY IS TO BE BUILT IN ACCORDANCE WITH:
  - PENNDOT PUBLICATION 408
  - PENNDOT PUBLICATIONS 34, 35, 41, AND 42
  - PENNDOT PUBLICATION 72M
  - PENNDOT PUBLICATIONS 148 AND 149
  - PENNDOT PUBLICATION 282 PENNDOT PUBLICATION 213 (67 PA CODE, CHAPTER 212)
  - PENNDOT PUBLICATION 70M
  - PENNDOT PUBLICATION 111M PENNDOT PUBLICATION 13M
  - PENNDOT PUBLICATION 236M
  - PENNSYLVANIA CODE TITLE 67, CHAPTERS 441 AND 459
  - MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) LATEST ADOPTED VERSION
- 12. THE CONTRACTOR IS RESPONSIBLE TO REPLACE ALL EXISTING PAVEMENT MARKING (SHOWN TO REMAIN ON THE PAVEMENT MARKING PLANS) AND PROPOSED PAVEMENT MARKINGS THAT WERE DAMAGED OR WERE REMOVED DURING CONSTRUCTION.
- 13. ALL TRAFFIC LANE LINES (LONG & SHORT), PEDESTRIAN CROSSWALKS, GORE AREAS, MEDIAN AREAS, LEGENDS, AND STOP BARS SHALL BE COMPRISED OF HOT THERMOPLASTIC PAVEMENT MARKINGS IN BITUMINOUS PAVEMENT AREAS PER PENNDOT PUBLICATION 408/2020, SECTION 0960.







# ONE-WAY BARRIER GORE MARKING



(DY/4")

# THERMOPLASTIC TRANSVERSE PAVEMENT MARKINGS

	DISTRICT	COUNTY	ROUTE	SECTION	S	SHEE	Τ	
	6-0	CHESTER	0082		11	OF	18	
	EAST FALLOWFIELD							

PAVEMENT MARKING LEGEND

- SOLID YELLOW LINE/WIDTH

- DOUBLE YELLOW LINE/WIDTH

DDY/4" - DASHED DOUBLE YELLOW LINE/WIDTH

W/4" - SOLID WHITE LINE/WIDTH

DW/12" - DASHED WHITE LINE/WIDTH

- EXISTING SIGN

- PROPOSED SIGN

	SIGN TABULATION								
PLAN SYMBOL	SERIES	SIZE	DESCRIPTION	STATION	STATE ROUTE	SEGMENT	OFFSET	ACTION	MAINTENECE RESPONSIBILITY
A	R2-1	24×30	SPEED LIMIT	100+08.00 RT	0082	0402	2126	NEW	MUNICIPALITY
	R2-1	24X30	SPEED LIMIT	100+62.00 LT	0082	0402	2180	REMAIN	MUNICIPALITY
B	R4-7	24×30	KEEP RIGHT	100+97.00	0082	0402	2215	NEW	MUNICIPALITY
©	OM1-3	18×18	OBJECT MARKER	100+97.00	0082	0402	2215	NEW	MUNICIPALITY
<b>(D)</b>	R4-7	24×30	KEEP RIGHT	101+42.00	0082	0402	2260	NEW	MUNICIPALITY
(E)	OM1-3	18×18	OBJECT MARKER	101+42.00	0082	0402	2260	NEW	MUNICIPALITY
	R5-2	24X24	NO TRUCK	103+59.00 RT	0082	0412	0001	REMAIN	MUNICIPALITY
	D3-1		STREET NAME	103+59.00 RT	0082	0412	0001	REMAIN	MUNICIPALITY
	R1-1	30X30	STOP SIGN	103+80.00 RT	0082	0412	0022	REMAIN	MUNICIPALITY
	W1-1R	30X30	RIGHT TURN SIGN	107+12.00 LT	0082	0412	0354	REMAIN	MUNICIPALITY
	W13-1P	18X18	ADVISORY SPEED PLAQUE	107+12.00 LT	0082	0412	0354	REMAIN	MUNICIPALITY
			WELCOME TO EAST FALLOWFIELD TOWNSHIP	107+22.00 LT	0082	0412	0364	REMAIN	MUNICIPALITY
Ē	R4-7	24×30	KEEP RIGHT	108+08.00	0082	0412	0450	NEW	MUNICIPALITY
©	OM1-3	18×18	OBJECT MARKER	108+08.00	0082	0412	0450	NEW	MUNICIPALITY
Θ	R2-1	24×30	SPEED LIMIT	108+08.00 LT	0082	0412	0450	NEW	MUNICIPALITY
0	R4-7	24×30	KEEP RIGHT	108+53.00	0082	0412	0495	NEW	MUNICIPALITY
<u> </u>	OM1-3	18×18	OBJECT MARKER	108+53.00	0082	0412	0495	NEW	MUNICIPALITY



ASSOCIATES INC

By Street, Suite 300

hester, PA 19382

O7 F 610 429 8019

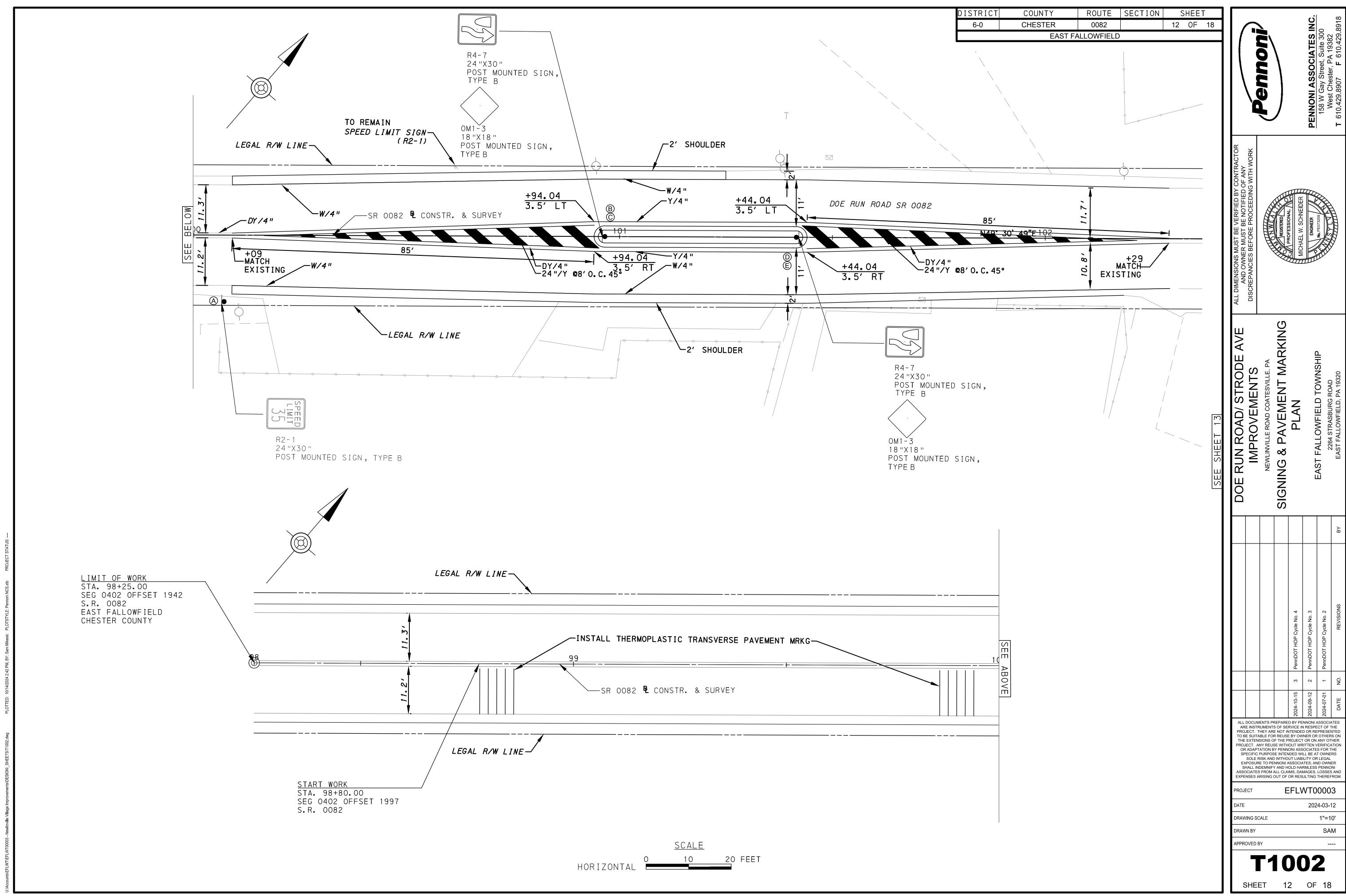
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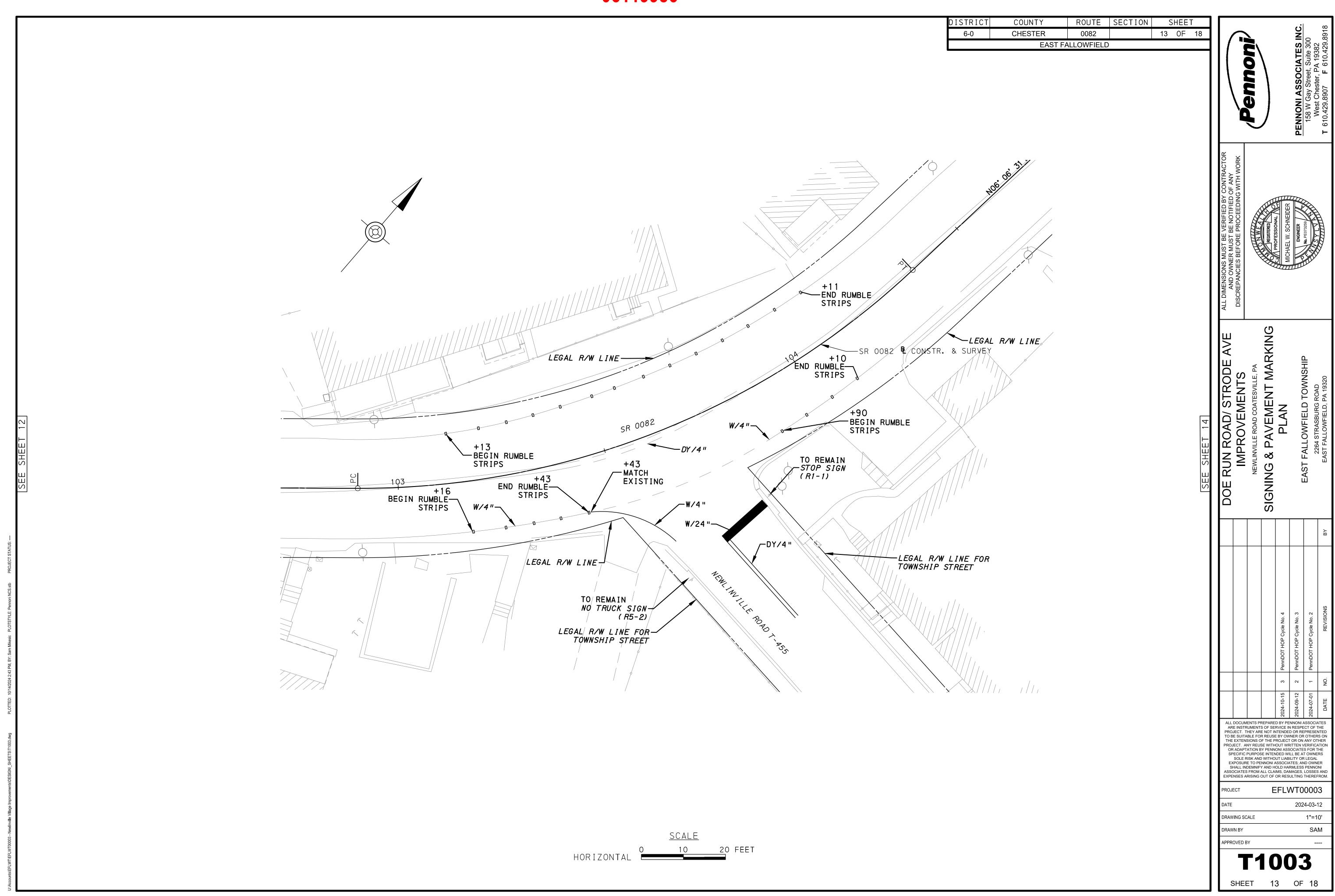
						B
			PennDOT HOP Cycle No. 4	PennDOT HOP Cycle No. 3	PennDOT HOP Cycle No. 2	REVISIONS
			3	2	1	NO.
			2024-10-15	2024-09-12	2024-07-01	DATE
L DOCUMENTS PREPARED BY PENNONI ASSOCIATES RE INSTRUMENTS OF SERVICE IN RESPECT OF THE DJECT. THEY ARE NOT INTENDED OR REPRESENTED BE SUITABLE FOR REUSE BY OWNER OR OTHERS ON						

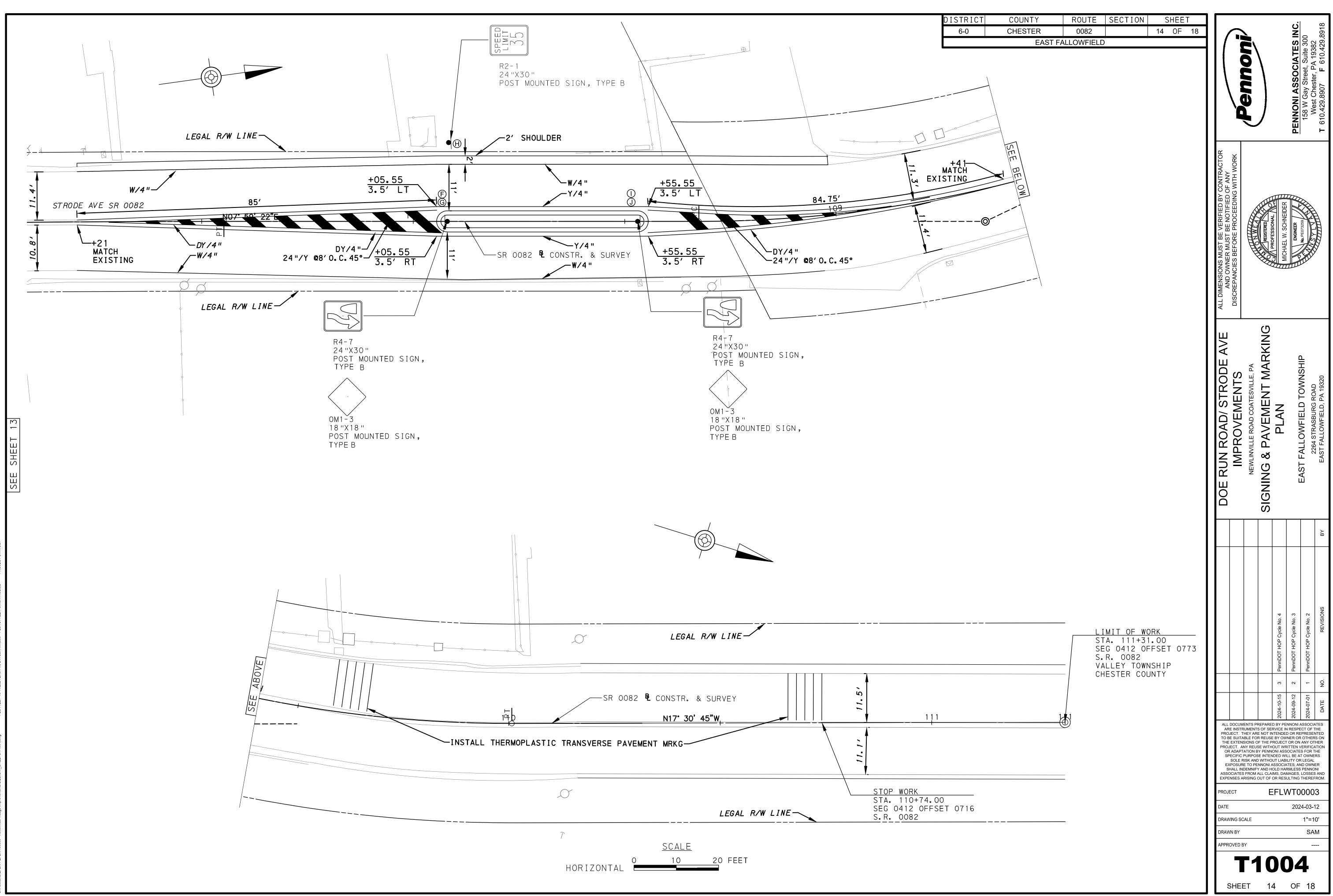
THE EXTENSIONS OF THE PROJECT OR ON ANY OTHER PROJECT. ANY REUSE WITHOUT WRITTEN VERIFICATIO SPECIFIC PURPOSE INTENDED WILL BE AT OWNERS SOLE RISK AND WITHOUT LIABILITY OR LEGAL EXPOSURE TO PENNONI ASSOCIATES; AND OWNER SHALL INDEMNIFY AND HOLD HARMLESS PENNONI ASSOCIATES FROM ALL CLAIMS, DAMAGES, LOSSES ANI EXPENSES ARISING OUT OF OR RESULTING THEREFROM

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#### TRAFFIC CONTROL GENERAL NOTES

- 1. MAINTENANCE AND PROTECTION OF TRAFFIC DURING CONSTRUCTION SHALL BE IN ACCORDANCE WITH APPLICABLE FIGURES PATA 102, 103, IN PENNDOT PUBLICATION 213, "TEMPORARY TRAFFIC CONTROL GUIDELINES." DATED MARCH 1, 2021, OR MOST CURRENT AND TITLE 67 PA CODE, CHAPTER 212, "OFFICIAL TRAFFIC CONTROL DEVICES", DATED FEBRUARY 15. ALL SIGNS AND DEVICES TO BE 4, 2006, OR MOST CURRENT.
- 2. ALL DISTANCES MAY BE ADJUSTED SLIGHTLY TO FIT FIELD CONDITIONS.
- 3. RESTORE ALL TRAVEL LANES TO NORMAL TRAFFIC FLOW AT THE CLOSE OF EACH WORK DAY UNDER SHORT-TERM CONDITIONS AND REMOVE ALL SHORT-TERM WORK ZONE TRAFFIC CONTROL SIGNING.
- PROTECT ANY EXCAVATING OBSTRUCTIONS OR CONSTRUCTION WORK, SO AS NOT TO EXPOSE PEDESTRIANS TO HAZARDS.
- FOR SR2009, MAINTAIN AT LEAST ONE TRAVEL LANE IN EACH DIRECTION DURING ALL PEAK HOURS (MON- FRI 6 AM - 9AM AND 3 PM -6PM). LANE CLOSURES WILL BE PERMITTED DURING NIGHTTIME HOURS. LANE CLOSURES WILL BE PERMITTED FOR SHORT PERIODS DURING DAYTIME HOURS. COORDINATE ALL WORK AND TRAFFIC CONTROL WITH THE PENNDOT FIELD INSPECTOR.
- TRAFFIC FLOW WITHIN THE WORK AREA MUST NOT BE STOPPED FOR MORE THAN A FIVE (5) MINUTE PERIOD AT ANY ONE TIME.
- INCREASE WORK ZONE LANE WIDTHS WHEN POSSIBLE TO MAXIMIZE THE TRAVEL LANES. MINIMUM TRAVEL LANE WIDTH MUST BE 10 FT.
- DROP OFF TREATMENTS SHALL BE INSTALLED IMMEDIATELY FOLLOWING THE DAYS CONSTRUCTION AND CONTINUOUSLY MAINTAINED UNTIL THE DROP OFF IS ELIMINATED. REFER TO 22. PUB 408 901.3(j).
- 9. OVERNIGHT STORAGE OF MATERIAL AND/OR EQUIPMENT WITHIN THE RIGHT-OF-WAY WILL NOT BE PERMITTED. MOVE ALL MATERIALS AND EQUIPMENT BACK TO THE STAGING AREAS AT THE END OF EACH WORK DAY. COORDINATE WITH 23. THE TOWNSHIP FOR ADDITIONAL STAGING AREAS. REFER TO PUB 213 SECTION G REGARDING STAGING AREAS.
- 10. THIS WORK CONSISTS OF MAINTENANCE OF TRAFFIC AND PROTECTION OF THE PUBLIC WHEN APPROACHING AND DEPARTING THE CONSTRUCTION AREA AND WITHIN THE LIMITS OF CONSTRUCTION.
- 11. FURNISH, ERECT, PLACE AND MAINTAIN TRAFFIC CONTROL SIGNS AND DEVICES AND MAINTAIN TRAFFIC DURING HOURS OF CONSTRUCTION AND AT ALL OTHER TIMES IN ACCORDANCE WITH METHODS INDICATED AND THE FOLLOWING:
- 11.1. THE SPECIAL PROVISIONS OF THE
- CONTRACT. 11.2. FEDERAL HIGHWAY ADMINISTRATION MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- 11.3. PUB 213, TEMPORARY TRAFFIC CONTROL GUIDELINES.
- 11.4. PUB 212, OFFICIAL TRAFFIC CONTROL
- DEVICES. 11.5. PENNDOT PUB. NO. 35, APPROVED
- CONSTRUCTION MATERIALS (BULLETIN 15). 11.6. PENNDOT PUB. NO. 408/2011, SPECIFICATIONS, LATEST REVISION.
- 11.7. PENNDOT PUB. 236, HANDBOOK OF APPROVED SIGNS. REMOVE THESE TEMPORARY DEVICES IMMEDIATELY UPON COMPLETION OF THE WORK. THE DEPARTMENT WILL REMOVE ANY TRAFFIC CONTROL DEVICES ERECTED BY DEPARTMENT FORCES.
- 12. PERMITTEE MUST ARRANGE FOR INSPECTION OF ALL TRAFFIC CONTROL DEVICES PRIOR TO START OF WORK.
- 13. ERADICATE EXISTING PAVEMENT MARKINS AND TEMPORARILY COVER OR REMOVE ANY SIGNS (INCLUDING OVERHEAD SIGNS) THAT ARE IN CONFLICT WITH THE TEMPORARY TRAFFIC CONTROL MEASURES. DO NOT ATTACH TAPE OR ADHESIVE TO THE FACE OF ANY SIGNS THAT ARE TEMPORARILY COVERED DURING CONSTRUCTION OPERATIONS. ENSURE DURING THE REMOVAL AND STORAGE OF ALL SIGNS THAT

- THE SHEETING FACE IS NOT DAMAGED DURING REMOVAL, STORAGE OR REINSTALLATION.
- 14. MOUNT ALL LONG-TERM ADVANCE WARNING SIGNS ON TYPE III BARRICADES UNLESS OTHERWISE NOTED OR INSTRUCTED BY THE DISTRICT OFFICE.
- MAINTAINED IN NEW OR LIKE NEW CONDITION.
- 16. DRIVEWAYS WILL BE KEPT ACCESSIBLE AT ALL TIMES. LOCATE ALL SIGNS SO THAT SIGHT DISTANCES WILL NOT BE OBSTRUCTED AT DRIVEWAYS AND LOCAL ROADS.
- 17. ALL LONG-TERM ADVANCE WARNING SIGNS ARE TO CONFORM TO PUB 213 AND 236.
- 18. PERMITTEE SHALL NOTIFY LOCAL EMERGENCY AUTHORITIES AFFECTED BUSINESSES, POST OFFICE, SCHOOL DISTRICT(S), THE GENERAL PUBLIC. THE DISTRICT PERMIT MANAGER AT LEAST FOURTEEN (14) DAYS PRIOR TO ANY SIGNIFICANT TRAFFIC IMPACTS.
- 19. USE TYPE VIII REFLECTIVE SHEETING MATERIAL FOR ALL LONG-TERM ADVANCE WARNING SIGNS. TYPE I SHEETING MAY BE USED ON "THIS ROADWAY TO BE UNDER CONSTRUCTION" SIGNS.
- NOTIFY THE PADOT COMMUNITY RELATIONS COORDINATOR, (610) 205-6800, TWO (2) WEEKS PRIOR TO THE BEGINNING OF WORK WITHIN THE HIGHWAY RIGHT-OF-WAY, AND ANY PHASE CHANGES OR TRAFFIC PATTERN CHANGES.
- ALL NEW DRIVEWAYS AND ROADS MUST BE CLOSED WITH ROAD CLOSED SIGNS, TYPE III BARRICADES AND BARRELS UNTIL DEEMED READY TO BE OPENED BY A PADOT REPRESENTATIVE. WHEN A DRIVEWAY OR ROAD IS CLOSED. ALL ASSOCIATED LANES MUST BE BARRELED OFF.
- THE LOCAL MUNICIPALITY MUST BE NOTIFIED WHEN A SIGNALIZED INTERSECTION FALLS WITHIN THE WORK ZONE. A SIGNALIZED INTERSECTION MUST NOT BE FLAGGED WITHOUT THE MUNICIPALITY PLACING THE SIGNAL ON FLASH.
- BARRICADES, LIGHTING DEVICES, AND OTHER TRAFFIC CONTROL MEASURES SHALL BE PLACED IN ACCORDANCE WITH AND SHALL CONFORM TO PENNDOT SPECIFICATIONS PUBLICATION 408/2011, MUTCD STANDARDS AND PENNDOT PUBLICATION 213 "TEMPORARY TRAFFIC CONTROL GUIDELINES", CHAPTER 212, MOST RECENT EDITIONS.
- THE CONTRACTOR MUST NOTIFY THE DISTRICT 6-0 TRAFFIC MANAGEMENT CENTER TWO (2) DAYS IN ADVANCE OF ANY PROPOSED LANE OR SHOULDER RESTRICTIONS OR ROAD CLOSURES, AND FIFTEEN (15) MINUTES PRIOR TO THE START OF WORK. THE CONTRACTOR MUST NOTIFY THE TRAFFIC MANAGEMENT CENTER WHEN THE ROAD IS RESTORED TO NORMAL OPERATION. THE TRAFFIC MANAGEMENT CENTER PHONE NUMBER IS (610) 205-6934.
- MAINTENANCE PROTECTION OF TRAFFIC FIGURE PATA 102 MAY ONLY BE UTILIZED AT THE DISCRETION OF A PADOT FIELD REPRESENTATIVE IF THERE IS ADEQUATE PAVEMENT WIDTH TO MAINTAIN THE MINIMUM TRAVEL LANE WIDTH OF ELEVEN (11) FEET.
- THE CONTRACTOR SHALL LIMIT DISRUPTION TO PEDESTRIAN FACILITIES DURING THE PROPOSED CONSTRUCTION AND SHALL PROVIDE ALTERNATIVE PEDESTRIAN ROUTES WHEN EXTENDED DISRUPTION TO THE PEDESTRIAN FACILITIES CANNOT BE AVOIDED.
- 27. ALL UTILITY TRENCHES MUST BE COMPLETED BEFORE THE FINAL PAVEMENT OVERLAY IS INSTALLED. EXTEND THE MILL AND OVERLAY LIMITS PAST ALL TEMPORARY TAPERS AND PAINT AS NEEDED.
- ALL SIGNS MUST MAINTAIN A MINIMUM OF ONE-HUNDRED (100) FEET OF VISIBILITY FROM THE NEAREST ONCOMING TRAVEL LANE. SIGN LOCATIONS MAY BE ADJUSTED SLIGHTLY IN THE FIELD TO PROVIDE SIGN VISIBILITY AND PROPER VEHICULAR SIGHT DISTANCES.

### CONSTRUCTION SEQUENCE

- 1. SETUP MPT ALONG SR 0082 IN ACCORDANCE WITH FIGURE 108.
- 2. REMOVE EXISTING SHOULDER AND INSTALL NEW SHOULDER AS SHOWN ON PLANS.
- 3. SETUP MPT ALONG SR 0082 IN ACCORDANCE WITH FIGURE 106.
- 4. CONSTRUCT CENTER MEDIANS AS SHOWN ON PLANS. 5. ONCE CONSTRUCTION IS COMPLETE REMOVE MPT ALONG SR 0082

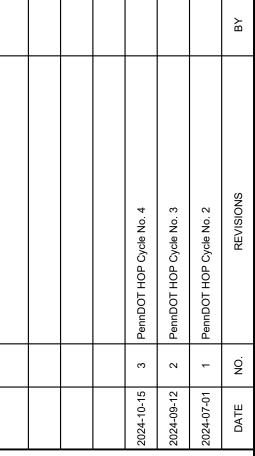
DISTRICT	COUNTY	ROUTE	SECTION	S	HEE	Γ		
6-0	CHESTER	0082		15	OF	18		
EAST FALLOWFIELD								



TES INC.

ONTROL

DOE



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APPROVED BY T1101

15 OF 18

RAWN BY

SAM

DROP-OFF DETAIL

ROADWAY IWORK AREA — TYPE 'C' STEADY BURN <u>10</u> 'MIN. PROVIDE MINIMUM 11' WIDE ∠ NON-METALIC DRUM TRAVEL LANE - CONSTRUCT SAFETY SLOPE WHEN CUT EXCEEDS 2" PROVIDE TEMPORARY — 4" WHITE EDGE LINE EDGE OF ROADWAY — TOP OF EXCAVATION TOP OF SUB-BASE TOP OF BASE COURSE BUILD-UP SAFETY SLOPE -OR SUBGRADE

SAFETY BUILD-UP MUST BE USED ANY PLACE WHERE OPEN EXCAVATION ALONG ACTIVE ROADWAY RESULTS IN A DROP-OFF GREATER THAN 2"

EMBANKMENT OF SUBBASE

A TEMPORARY 4" WHITE EDGE LINE SHALL BE PROVIDED IF THE EXISTING EDGE LINE IS TO BE REMOVED. MINIMUM EFFECTIVE LANE WIDTHS OF 10' SHALL BE PROVIDED. PROVIDE TEMPORARY PAVING AS REQUIRED TO MAINTAIN EFFECTIVE LANE WIDTH.

(NOT TO SCALE)

DISTRICT	COUNTY	ROUTE	SECTION	S	SHEE	Τ		
6-0	CHESTER	0082		16	OF	18		
EAST FALLOWFIELD								

#### **PATA 106**

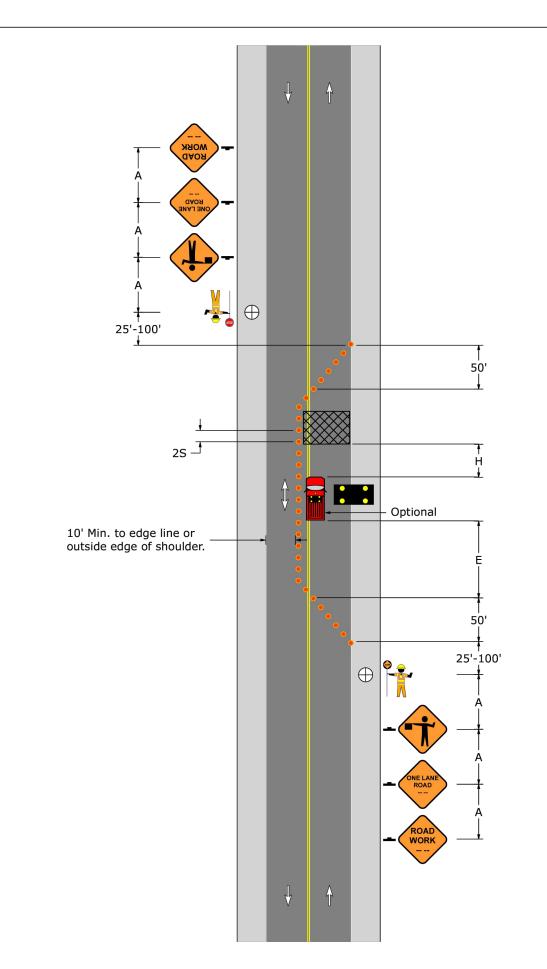
- 1. Place 50' taper in closed lane as shown. Continue taper angle and spacing as needed on the opposite side of the roadway center line while maintaining a 10' minimum lane width.
- 2. Flaggers shall be clearly visible to traffic for a minimum distance of E.
- 3. When a shadow vehicle is not used, distance E is measured from the end of the taper to the beginning of the work space.

	Signs	
ROAD WORK	ONE LANE ROAD	
W20-1	W20-4	W20-7

	Sign Spacing, Channelizing Device Spacing, Buffer Space, and Roll Ahead Space									
Speed	Channelizing	Sign S	pacing	Buffer Space	Dall Aband Conse					
Speed	<b>Devices Spacing</b>	Urban	Rural	Bullet Space	Roll Ahead Space					
S (MPH)	2S (Feet)	A (Feet)	A (Feet)	E (Feet)	H (Feet)					
25	50	100 - 200	500 - 800	155	150					
30	60	100 - 200	500 - 800	200	150					
35	70	100 - 200	500 - 800	250	150					
40	80	350 - 500	500 - 800	305	150					
45	90	350 - 500	500 - 800	360	150					
50	100	350 - 500	500 - 800	425	250					
55	110	350 - 500	500 - 800	495	250					

Taper Lengths and Minimum							
	Number Of Channelizing Devices						
Speed	50' Per L	ane Taper					
S (MPH)	Length (Feet)	Minimum Number Of Devices					
25	50	6					
30	50	6					
35	50	6					
40	50	6					
45	50	6					
50	50	6					
55	50	6					

#### **PATA 106**



#### **PATA 108**

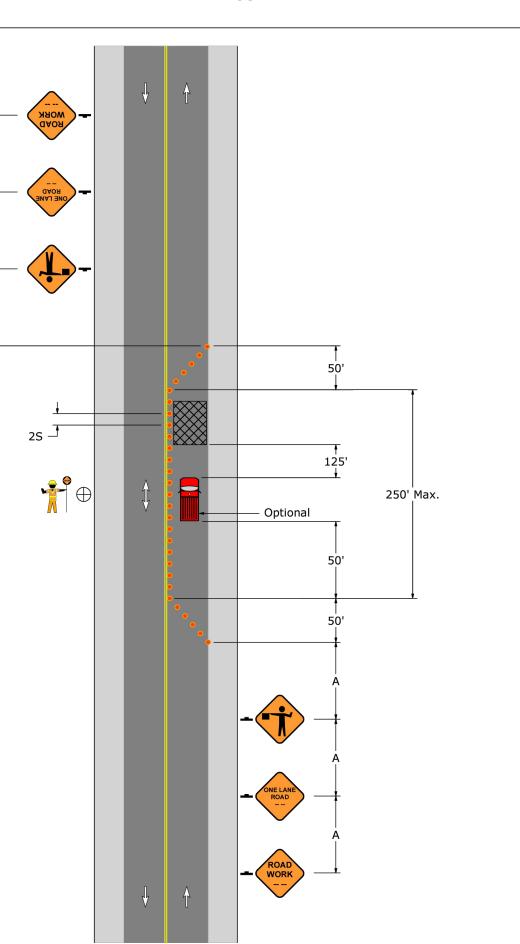
- 1. This drawing applies when all of the following conditions are satisfied:
  - a) Roadway is two-lane, two-way.
  - b) Sight distance between the flagger and any vehicle between Points X and Y will be unobstructed.
  - c) The ADT is not greater than approximately 1500.
- 2. The flagger shall be clearly visible to traffic for a minimum distance of E.
- 3. For operations of 15 minutes or less:
  - a) ROAD WORK, ONE LANE ROAD, and FLAGGER SYMBOL signs are not required.
  - b) All channelizing devices may be eliminated if a shadow vehicle is present and the operation does not proceed against normal traffic flow.
- 4. When a shadow vehicle is not used, 50' is measured from the end of the taper to the beginning of the work space.

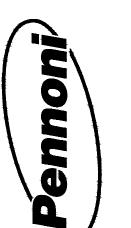
Signs					
ROAD WORK	ONE LANE ROAD				
W20-1	W20-4	W20-7			

Sign and Channelizing Device Spacing							
C	Channelizing Devices Spacing	Sign Spacing		Deeffer Consess			
Speed		Urban	Rural	Buffer Space			
S (MPH)	2S (Feet)	A (Feet)	A (Feet)	E (Feet)			
25	50	100 - 200	500 - 800	155			
30	60	100 - 200	500 - 800	200			
35	70	100 - 200	500 - 800	250			
40	80	350 - 500	500 - 800	305			
45	90	350 - 500	500 - 800	360			
50	100	350 - 500	500 - 800	425			
55	110	350 - 500	500 - 800	495			

Taper Lengths and Minimum Number Of Channelizing Devices						
Speed	50' Per Lane Taper					
S (MPH)	Length (Feet)	Minimum Number Of Devices				
25	50	6				
30	50	6				
35	50	6				
40	50	6				
45	50	6				
50	50	6				
55	50	6				







PENNONI ASSOCIATES | 158 W Gay Street, Suite 300 West Chester, PA 19382

AND OWNER MUST BE NOTIFIED OF ANY
DISCREPANCIES BEFORE PROCEEDING WITH WC
REGISTERED
REGISTERED
MICHAEL W. SCHNEIDER
ENGINEER
REGINEER
MICHAEL W. SCHNEIDER
FOR PROFESSIONAL
FOR

PLAN

BY PROFILE

WICHAEL V

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NEWLINVILLE ROAD COATESVILLE, PA

TRAFFIC CONTROL PLAN

2024-10-15 3 PennDOT HOP Cycle No. 4

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SOLE RISK AND WITHOUT LIABILITY OR LEGAL
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ASSOCIATES FROM ALL CLAIMS, DAMAGES, LOSSES AND
EXPENSES ARISING OUT OF OR RESULTING THEREFROM.

PROJECT EFLWT00003

DATE 2024-03-12

DRAWING SCALE

DRAWN BY

APPROVED BY

T1102

Accounts\EFLWT\EFLWTO0003 - Newlinville Village Improvements\DESIGN\\_SHEETS\T1102.dwg PLOTTED:

