

April 28, 2026

Rosemary Chiavetta, Secretary
Commonwealth of Pennsylvania
Pennsylvania Public Utility Commission
PO Box 3265
Harrisburg, PA 17105-3265

C-2020-3016906

DATE OF DEPOSIT

APR 28 2026

RE RE: Bureau of Investigation & Enforcement v.
Reading Blue Mountain and Northern Railroad,
Docket No. C-2020-3016906
I&E Compliance Demand

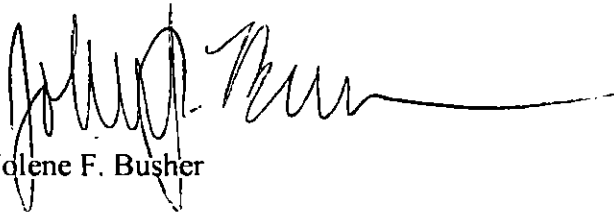
PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

Crossing Surface Construction Plan

Dear Secretary Chiavetta,

A copy of the PennDOT approved crossing construction plans for the public crossing (DOT 361 425J) has been served upon the parties in the Certificate of Service.

Sincerely,



Jolene F. Busher

CC: Grant Rosul, I&E Prosecutor *via email only*
William M. Sinick, P.E., Rail Safety Division *via email only*
John Pfeiffer, PennDOT Dist 4 -0 *via email only*

DISTRICT	COUNTY	TOWNSHIP	BOROUGH	ROUTE	SECTION	TOTAL SHEETS
4 - 0	LUZERNE	PITTSTON	----	2019	----	29

COMMONWEALTH OF PENNSYLVANIA



DEPARTMENT OF TRANSPORTATION

DRAWINGS

FOR CONSTRUCTION

OF

STATE ROUTE 2019 SECTION —

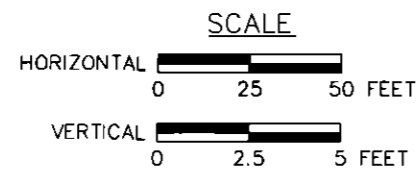
IN LUZERNE COUNTY

FROM STA. 3+18 TO STA. 5+43 LENGTH 225 FT. 0.04 MI.
FROM SEG. 0010 OFFSET 1932 TO SEG. 0010 OFFSET 1707

DATE OF DEPOSIT

APR 28 2026

PA Public Utility Commission
Secretary's Bureau



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DESIGN DESIGNATION S.R. 2019

HIGHWAY CLASSIFICATION - MAJOR ARTERIAL
ROADWAY TYPOLOGY - RURAL ARTERIAL
DESIGN SPEED - 35 MPH
PAVEMENT WIDTH - 37'
SHOULDER WIDTH - N/A

TRAFFIC DATA

CURRENT A.D.T. (2023) - 11,464
DHV - 1,571
D - 52%
T - 6%
TRUCKS - 9%

PREPARED BY:
BA BERCEK & ASSOCIATES
112 N. Lewis Street - Pottsville, PA 17852
Phone: 610-445-4347 - Email: info@bercekanassociates.com

April 7, 2026 - Plan No. B-24-188-PD



RECOMMENDED DATE: _____
DISTRICT EXECUTIVE

RECOMMENDED DATE: _____
DEPUTY SECRETARY

APPROVED DATE: _____
SECRETARY OF TRANSPORTATION
(ON BEHALF OF THE GOVERNOR AS WELL AS THE SECRETARY)

TABULATION OF CONSTRUCTION LENGTH

S.R. 2019
STA. 3+18.00 TO STA. 5+43.00 = 225.00' = 0.04 MI.

TABULATION OF OVERALL LENGTH

S.R. 2019
SEG. 0010 OFFSET 1707 TO OFFSET 1932 = 225.00' = 0.04 MI.

LIST OF STATION EQUALITIES

NONE

RECORD OF EXISTING ROAD TYPES

SEG	BEGIN OFFSET	END OFFSET	LAYER YEAR	LAYER WIDTH	LAYER DEPTH	LAYER DESCRIPTION
0010	1707	1932	2016	37'	-1.50	SPAV, WMA WRG 64-22, 9.5 MM, H
			2016	37'	-0.50	SPAV, WMA WGRSCRC 64-22 9.5 MM
			2016	37'	-2.00	M L L I N G (A V E R A G E D E P T H)
			2002	37'	-1.50	SPAV, HMA WRG 9.5 MM, E
			2002	37'	-1.50	M L L I N G (A V E R A G E D E P T H)
			1988	24'	+1.50	SCRATCH BIT WEAR COURSE ID-2
			1972	24'	+1.25	BITUMINOUS WEARING CRSE ID-2
			1964	24'	+2.50	BITUMINOUS WEARING CRSE ID-2
			1964	24'	+10.00	CRUSHED AGGREGATE BASE CRSE
			1964	24'	-	DRAINABLE BASE NO EDGE DRAIN

NOTE
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



LIST OF PUBLIC UTILITIES

CABLE PROTECTION SERVICES INC
PO BOX 4816
MIDLOTHIAN, VA. 23112
CONTACT: DEBBIE KING
EMAIL: debbie_king@cableps.com
PHONE: 804-562-3409

UGI UTILITIES INC
1 UGI DR
WILKES BARRE, PA. 18711
CONTACT: AMANDA NIXON
EMAIL: anixon@ugi.com
PHONE: 570-829-8874

PPL ELECTRIC UTILITIES CORPORATION
437 BLUE CHURCH RD
PAXINOS, PA. 17860
CONTACT: DOUG HAUPT
EMAIL: dlhaupt@pplweb.com
PHONE: 570-490-5684

VERIZON PENNSYLVANIA LLC
222 S. MAIN STREET
WILKES BARRE, PA. 18701
CONTACT: JACKIE HASSI
EMAIL: jacqueline.a.stanton@verizon.com
PHONE: (570) 290-2844

LUMEN FORMERLY LEVEL 3
931 14TH ST
DENVER, CO. 80202
CONTACT: LUMEN OPERATOR PERSONNEL
EMAIL: relocations@lumen.com
PHONE: 877-366-8344 EXT. 3

PITTSBURGH TOWNSHIP SEWER AUTHORITY
421 BROAD ST
PITTSBURGH TOWNSHIP, PA. 18640
CONTACT: JAMES HASTIE
EMAIL: ptssewer@comcast.net
PHONE: 570-655-8747

UGI UTILITIES INC
1 UGI DR
DENVER, PA. 17517
CONTACT: JAMES MAY
EMAIL: jmay@ugi.com
PHONE: 610-736-5994

PENNSYLVANIA AMERICAN WATER
2699 STAFFORD AVE
SCRANTON, PA. 18505
CONTACT: LISA ABDO
EMAIL: lisa.abdo@amwater.com
PHONE: 570-969-7501

DISTRICT	COUNTY	ROUTE	SECTION	SHEET
4-0	LUZERNE	2019	----	02 OF 29

TOWNSHIP OF PITTSBURGH			
REVISION NUMBER	REVISIONS	DATE	BY
1	PER PENNDOT REVIEW EMAIL OF 04-13-2026	04-20-2026	GK

GENERAL NOTES
THE BASIS OF LEGAL RIGHT-OF-WAY ON SR 2019 FROM STATION 3+15.00 TO STATION 5+43.00 IS 40' BASED ON ROAD DOCKET 1, PAGE 223 IN LUZERNE COUNTY COURTHOUSE, WILKES BARRE, PA. CONFIRMED JANUARY 1851.

THERE ARE NO NAVIGABLE STREAMS ON THIS PROJECT.
THREE TO TEN WORKING DAYS PRIOR TO EXCAVATION BASED ON THE COMPLEXITY OF THE PROJECT, THE CONTRACTOR MUST CONTACT THE PA ONE CALL SYSTEM, INC. PHONE 1-800-242-1776. SERIAL NUMBER 2026050667 FOR PITTSBURGH TOWNSHIP. ADDITIONAL INFORMATION IS AVAILABLE AT <https://www.pa1call.org/PAS11/Public/>.

ALL UTILITY INFORMATION SHOWN IS APPROXIMATE AND IS BASED ON INFORMATION PROVIDED BY THE UTILITY COMPANIES AND/OR OBTAINED DURING FIELD SURVEY.

CHECK AND VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS AT THE WORK SITE.

THE DEPARTMENT OF TRANSPORTATION DOES NOT GUARANTEE THE ACCURACY OR THE LOCATIONS FOR EXISTING SUBSURFACE UTILITY STRUCTURES SHOWN ON THE PLANS. NOR DOES THE DEPARTMENT GUARANTEE ALL SUBSURFACE STRUCTURES ARE SHOWN.

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)

S.R. 2019 PREVIOUSLY KNOWN AS L.R. 40047.
BEARINGS ARE BASED ON GRID NORTH.

HORIZONTAL CONTROL IS BASED ON THE STATE PLANE COORDINATE SYSTEM (NAD 83), NORTH ZONE.

VERTICAL CONTROL IS BASED UPON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

ALL CURVE DATA IS BASED ON ARC DEFINITION UNLESS OTHERWISE NOTED.

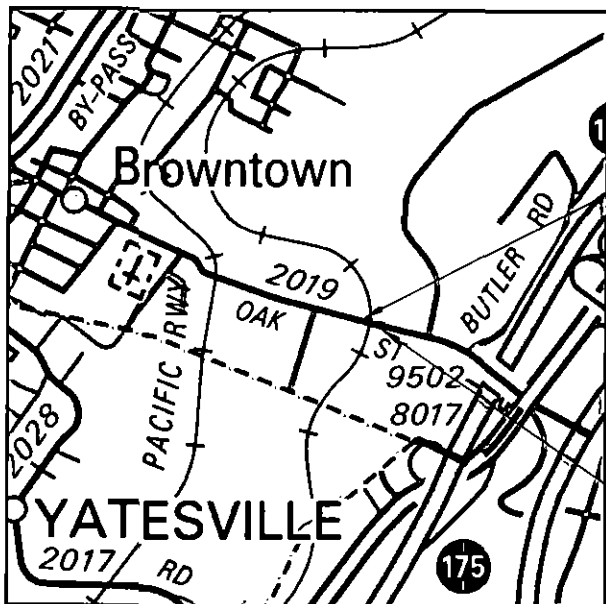
PRIVATE PROPERTY LINES ARE PLOTTED FROM THE DEED OF RECORD, RECORDED SUBDIVISION OR LOT PLANS. EXISTING TOPOGRAPHICAL FEATURES AND LIMITED FIELD DATA. PRIVATE PROPERTY LINES WERE NOT SURVEYED BY THE PROFESSIONAL LAND SURVEYOR RESPONSIBLE FOR THE PROJECT.

FOR THE PROPOSED OAK STREET RECONSTRUCTION SHOWN ON THESE PLANS, RIGHT-OF-WAY NEEDS SHALL BE ADDRESSED PRIOR TO THE START OF CONSTRUCTION. THE OAK STREET RECONSTRUCTION REQUIRES WORK OUTSIDE OF THE EXISTING 40' WIDE LEGAL RIGHT-OF-WAY OF OAK STREET. TEMPORARY CONSTRUCTION EASEMENTS ARE REQUIRED ON THE PROPERTY OF HPIII LEHIGH VALLEY 1120 LLC (PIN: 51-E12-00A-01Y-000) AND THE PROPERTY OF NAMA STATE LP (PIN: 51-F12-001-10B-000).

TEMPORARY CONSTRUCTION EASEMENT, AN EASEMENT TO USE THE LAND AS NECESSARY DURING CONSTRUCTION OF THE PROJECT, THE EASEMENT IS REQUIRED ONLY UNTIL THE CONSTRUCTION OR WORK INDICATED BY THE PLAN IS COMPLETED UNLESS SOONER RELINQUISHED IN WRITING BY THE DEPARTMENT.

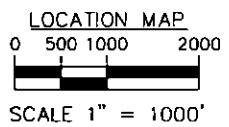
DETAILS OTHER THAN THOSE INDICATED, ARE ON THE FOLLOWING STANDARD DRAWINGS

RC-10M	JUNE 1, 2010	TC-8600 SERIES	JUNE 13, 2013
RC-13M	JUNE 1, 2010	TC-8700 SERIES	JUNE 13, 2013
RC-25M	NOV. 20, 2021	TC-8702B	JUNE 13, 2013
RC-28M	NOV. 1, 2022	TC-8716	JUNE 13, 2016
RC-30M	NOV. 30, 2021	TC-8717	JUNE 13, 2023
RC-45M	FEB. 19, 2021		
RC-46M	FEB. 19, 2021		
RC-64M	FEB. 19, 2021		
RC-70M	FEB. 8, 2019		
RC-72M	FEB. 8, 2019		
RC-73M	FEB. 8, 2019		
RC-77M	DEC. 17, 2019		



LIMIT OF WORK
STA. 3+18
SEG. 0010 OFFSET 1932
S.R. 2019
PITTSBURGH TOWNSHIP
LUZERNE COUNTY

LIMIT OF WORK
STA. 5+43
SEG. 0010 OFFSET 1707
S.R. 2019
PITTSBURGH TOWNSHIP
LUZERNE COUNTY



LEGEND

	PROJECT
	INTERSTATE
	STATE ROAD
	TOWNSHIP ROAD
	RAILROAD

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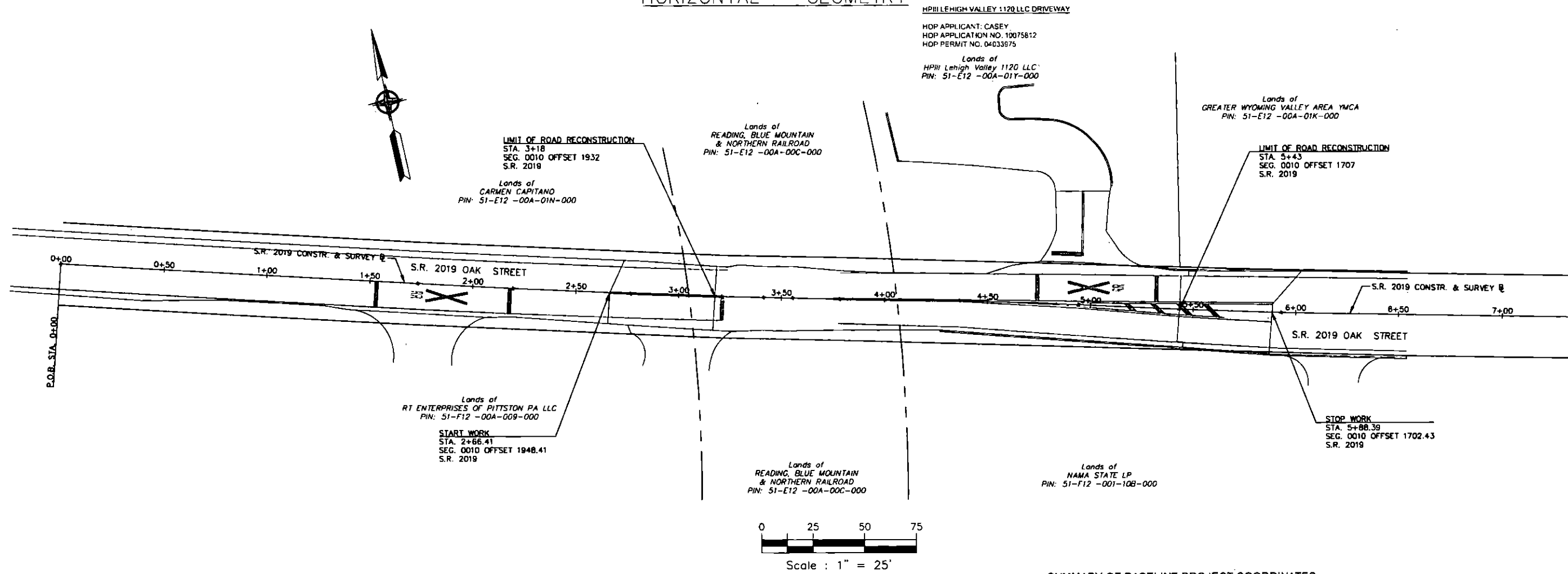
EARTHWORK SUMMARY ENTIRE PROJECT									
THE INFORMATION ON ESTIMATED AMOUNTS OF EARTHWORK HAS BEEN USED IN THE PRELIMINARY ESTIMATE. DO NOT USE AS A WAIVER OF ANY PROVISIONS OF THE SPECIFICATIONS AND CONTRACTS.									
CUBIC YARDS OF EXCAVATION						CUBIC YARDS OF COMPLETED EMBANKMENT	CUBIC YARDS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

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DISTRICT	COUNTY	ROUTE	SECTION	SHEET
4-0	LUZERNE	2019	---	03 OF 29
TOWNSHIP OF PITTSION				
REVISION NUMBER	REVISIONS	DATE	BY	
1	PER PENNDOT REVIEW EMAIL OF 04-13-2026	04-20-2026	GK	

HORIZONTAL GEOMETRY



SUMMARY OF BASELINE PROJECT COORDINATES

BASED ON THE PA STATE PLANE COORDINATE SYSTEM
NORTH ZONE - NAD 83 (2011)

RTE	STATION	POINT	COORDINATES		BEARING
			NORTH	EAST	
S.R. 2019 CONST. BL	0+00.00	POB	422154.2134	2511658.0512	S74.5027°E
	1+73.40	PI	422109.1128	2512025.5235	S74.5952°E
	2+15.65	PI	422097.1411	2512070.1957	S75.5102°E
	2+76.56	PI	422082.9021	2512125.3223	S76.0036°E
	3+21.10	PI	422072.1411	2512168.5146	S76.4302°E
	3+78.43	PI	422058.9592	2512224.3108	S77.0849°E
	4+36.43	PI	422046.0645	2512280.8636	S77.5156°E
	4+94.14	PI	422031.9738	2512336.8184	S75.1519°E
	5+43.35	PI	422019.4478	2512384.4132	S75.5833°E
	5+92.96	PI	422007.4258	2512432.5448	S76.5340°E
	7+00.00	PI	421983.1588	2512536.7968	

NOTE: FOUR (4) PLACE COORDINATES ARE USED FOR COMPUTATIONAL PURPOSES ONLY AND DO NOT IMPLY A PRECISION BEYOND TWO (2) PLACES

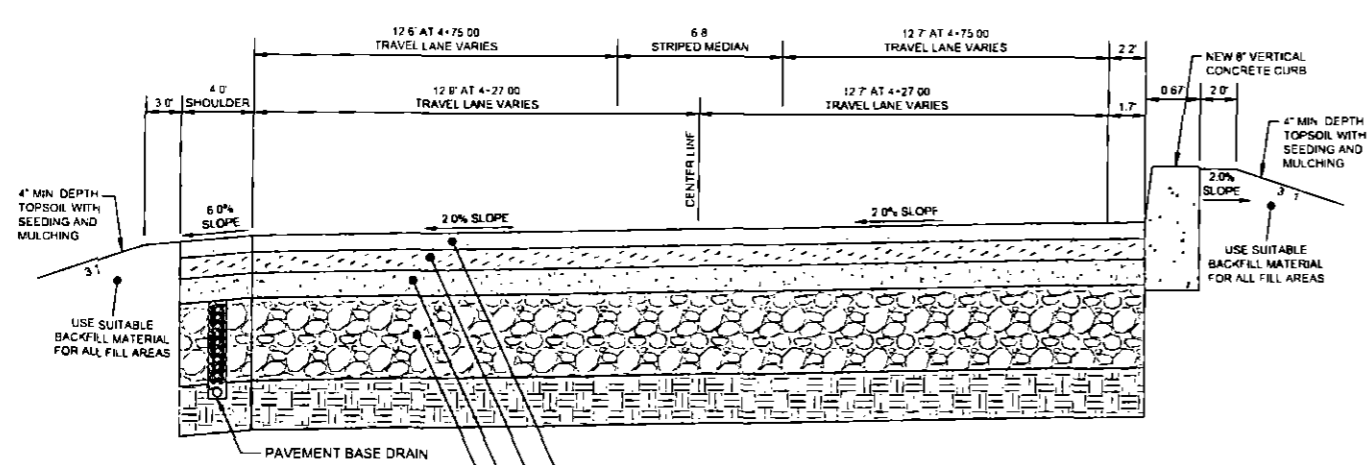
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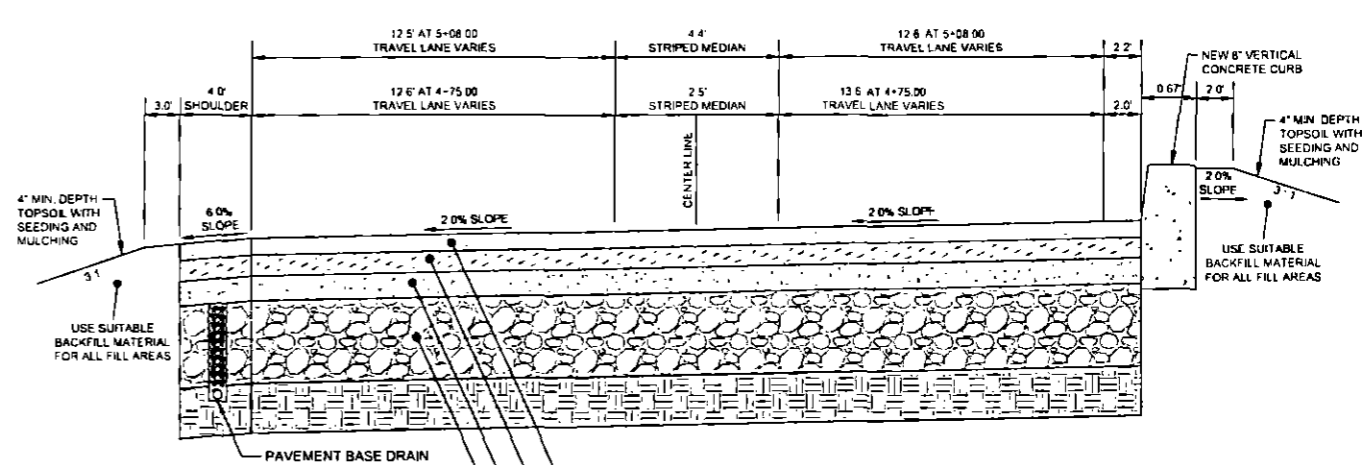
DISTRICT	COUNTY	ROUTE	SECTION	SHEET
4-0	LUZERNE	2019	----	04 OF 29
TOWNSHIP OF PITTSION				
REVISION NUMBER	REVISIONS	DATE	BY	
1	PER PENNDOT REVIEW EMAIL OF 04-13-2026	04-20-2026	CK	



- 0413-0245 SUPERPAVE VOLUMETRIC ASPHALT MIXTURE DESIGN WEARING COURSE PG 64S-22, 3 TO <10 MILLION ESALS, 9.5mm MIX, 1-1/2" DEPTH, SRL-H.
- 0460-0001 ASPHALT TACK COAT.
- 0413-6045 SUPERPAVE ASPHALT MIXTURE DESIGN, BINDER COURSE, PG 64S-22, 0.3 TO <3.0 MILLION ESALS, 19.0 mm MIX, 2-1/2" DEPTH.
- 0460-0001 ASPHALT TACK COAT.
- 0313-0420 SUPERPAVE ASPHALT MIXTURE DESIGN, BINDER COURSE, PG 64S-22, 0.3 TO <3.0 MILLION ESALS, 25.0 mm MIX, 3" DEPTH.
- 0350-0110 SUBBASE, 10" DEPTH (NO. 2A).
- 0212-0014 GEOTEXTILE CLASS 4, TYPE A.

S.R. 2019 TYPICAL
N.T.S.

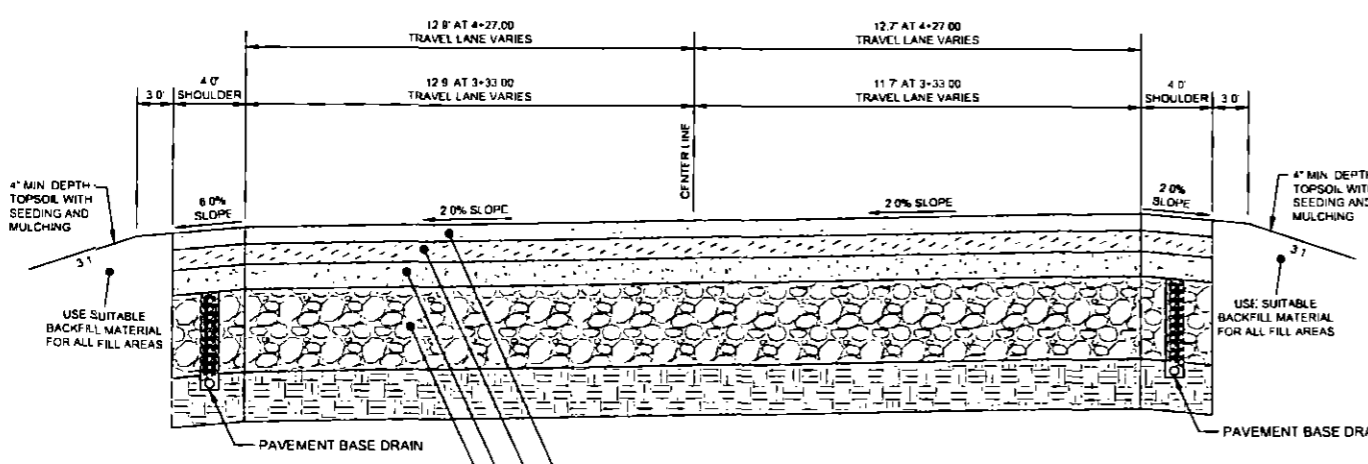
(SUPER ELEVATED SECTION, CURB ON RT. SIDE ONLY)
STA. 4+27.00 TO 4+75.00



- 0413-0245 SUPERPAVE VOLUMETRIC ASPHALT MIXTURE DESIGN WEARING COURSE PG 64S-22, 3 TO <10 MILLION ESALS, 9.5mm MIX, 1-1/2" DEPTH, SRL-H.
- 0460-0001 ASPHALT TACK COAT.
- 0413-6045 SUPERPAVE ASPHALT MIXTURE DESIGN, BINDER COURSE, PG 64S-22, 0.3 TO <3.0 MILLION ESALS, 19.0 mm MIX, 2-1/2" DEPTH.
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- 0313-0420 SUPERPAVE ASPHALT MIXTURE DESIGN, BINDER COURSE, PG 64S-22, 0.3 TO <3.0 MILLION ESALS, 25.0 mm MIX, 3" DEPTH.
- 0350-0110 SUBBASE, 10" DEPTH (NO. 2A).
- 0212-0014 GEOTEXTILE CLASS 4, TYPE A.

S.R. 2019 TYPICAL
N.T.S.

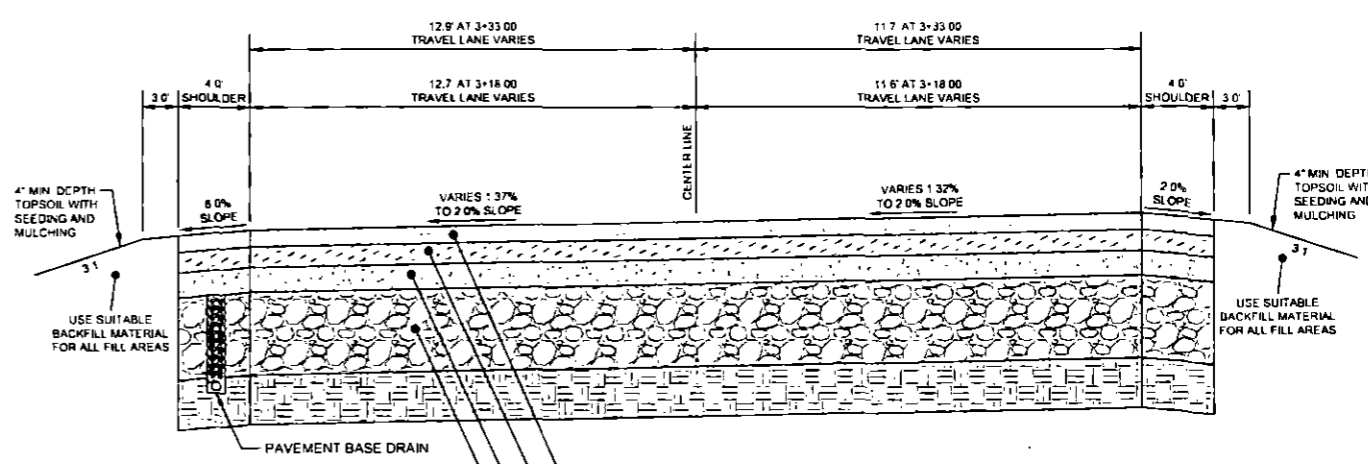
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STA. 4+75.00 TO 5+08.00



- 0413-0245 SUPERPAVE VOLUMETRIC ASPHALT MIXTURE DESIGN WEARING COURSE PG 64S-22, 3 TO <10 MILLION ESALS, 9.5mm MIX, 1-1/2" DEPTH, SRL-H.
- 0460-0001 ASPHALT TACK COAT.
- 0413-6045 SUPERPAVE ASPHALT MIXTURE DESIGN, BINDER COURSE, PG 64S-22, 0.3 TO <3.0 MILLION ESALS, 19.0 mm MIX, 2-1/2" DEPTH.
- 0460-0001 ASPHALT TACK COAT.
- 0313-0420 SUPERPAVE ASPHALT MIXTURE DESIGN, BINDER COURSE, PG 64S-22, 0.3 TO <3.0 MILLION ESALS, 25.0 mm MIX, 3" DEPTH.
- 0350-0110 SUBBASE, 10" DEPTH (NO. 2A).
- 0212-0014 GEOTEXTILE CLASS 4, TYPE A.

S.R. 2019 TYPICAL
N.T.S.

(SUPER ELEVATED SECTION, NO CURB)
STA. 3+33.00 TO 4+27.00



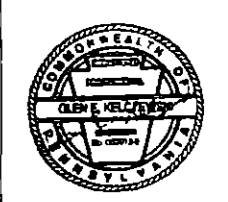
- 0413-0245 SUPERPAVE VOLUMETRIC ASPHALT MIXTURE DESIGN WEARING COURSE PG 64S-22, 3 TO <10 MILLION ESALS, 9.5mm MIX, 1-1/2" DEPTH, SRL-H.
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- 0350-0110 SUBBASE, 10" DEPTH (NO. 2A).
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S.R. 2019 TYPICAL
N.T.S.

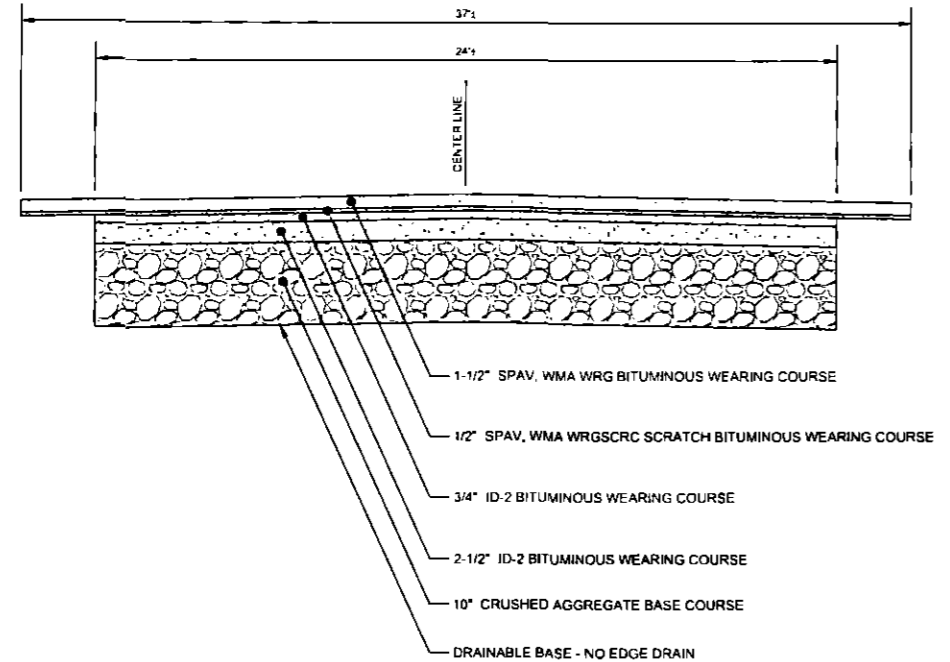
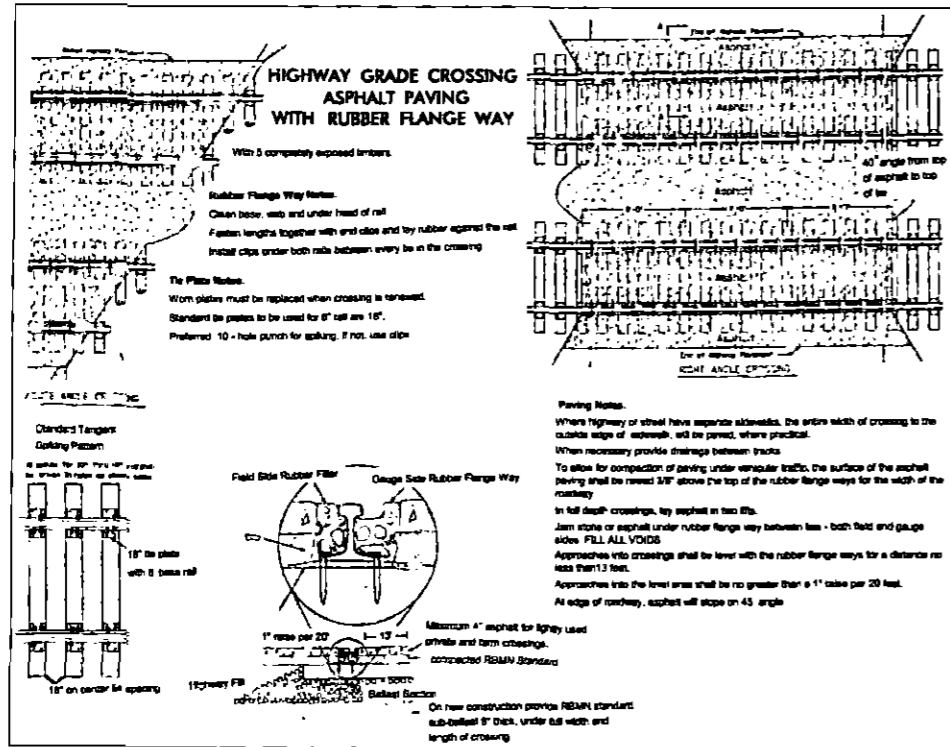
(TRANSITION FROM EXISTING TO SUPER ELEVATED SECTION)
STA. 3+18.00 TO 3+33.00

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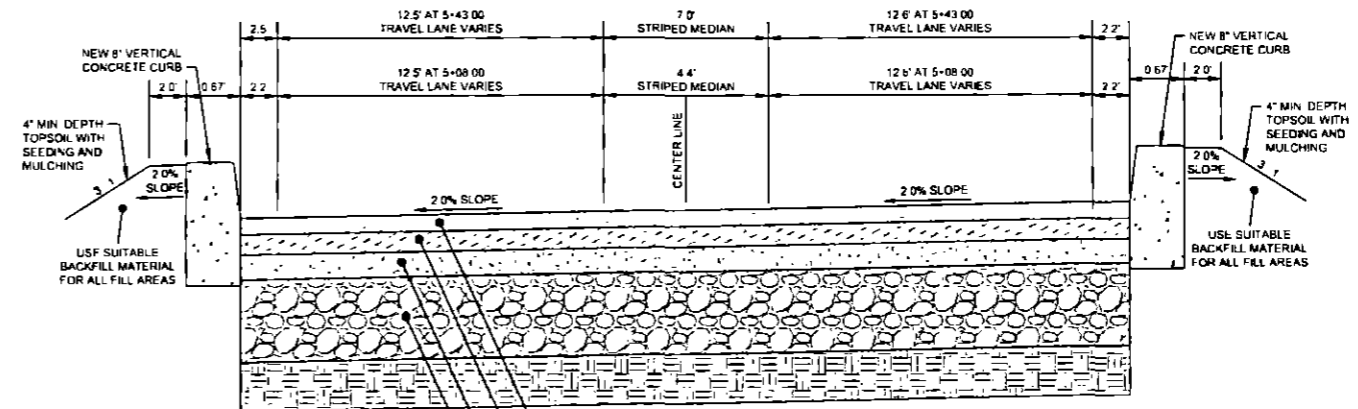


DISTRICT	COUNTY	ROUTE	SECTION	SHEET
4 - 0	LUZERNE	2019	---	05 OF 29
TOWNSHIP OF PITTSSTON				
REVISION NUMBER	REVISIONS	DATE	BY	
1	PER PENNDOT REVIEW EMAIL OF 04-13-2026	04-20-2026	GK	



S.R. 2019 EXISTING PAVEMENT STRUCTURE

N.T.S.
STA. 3+18.00 TO 5+43.00



S.R. 2019 TYPICAL

N.T.S.
(TRANSITION FROM SUPER ELEVATED TO EXISTING SECTION)
STA. 5+08.00 TO 5+43.00

ACKNOWLEDGMENT AND AGREEMENT FOR ELECTRONIC MEDIA AND PLAN INFORMATION

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DISTRICT	COUNTY	ROUTE	SECTION	SHEET
4-0	LUZERNE	2019	----	11 OF 29
TOWNSHIP OF PITTSBURGH				
REVISION NUMBER	REVISIONS	DATE	BY	
1	PER PENNDOT REVIEW EMAIL OF 04-13-2026	04-20-2026	GK	

HPH LEHIGH VALLEY 1120 LLC DRIVEWAY

HOP APPLICANT: CASEY
HOP APPLICATION NO. 10075812
HOP PERMIT NO. 04033975

Lands of
HPH Lehigh Valley 1120 LLC
PIN: 51-E12-00A-D1Y-000

Lands of
GREATER WYOMING VALLEY AREA YMCA
PIN: 51-E12-00A-D1K-000

Lands of
READING, BLUE MOUNTAIN
& NORTHERN RAILROAD
PIN: 51-E12-00A-00C-000

LIMIT OF ROAD RECONSTRUCTION
STA. 3+18
SEG. 0010 OFFSET 1932
S.R. 2019

Lands of
CARMEN CAPITANO
PIN: 51-E12-00A-D1N-000

LIMIT OF ROAD RECONSTRUCTION
STA. 5+43
SEG. 0010 OFFSET 1707
S.R. 2019

EXISTING & PROPOSED SIGHT DISTANCE RIGHT=391'

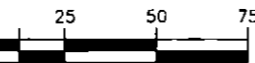
S.R. 2019 OAK STREET

EXISTING & PROPOSED SIGHT DISTANCE
VEHICLE APPROACHING FROM REAR=363'

Lands of
RT ENTERPRISES OF PITTSBURGH PA LLC
PIN: 51-F12-00A-009-000

START WORK
STA. 2+88.41
SEG. 0010 OFFSET 1948.41
S.R. 2019

Lands of
READING, BLUE MOUNTAIN
& NORTHERN RAILROAD
PIN: 51-E12-00A-00C-000



Scale : 1" = 25'

PLAN

- FULL DEPTH RECONSTRUCTION
- MILLING OF ASPHALT PAVEMENT SURFACE,
1-1/2" DEPTH, MILLED MATERIAL RETAINED
BY CONTRACTOR

ACKNOWLEDGMENT AND AGREEMENT FOR ELECTRONIC MEDIA AND PLAN INFORMATION



















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DISTRICT	COUNTY	ROUTE	SECTION	SHEET
4 - 0	LUZERNE	2019		13 OF 29
TOWNSHIP OF PITTSSTON				
REVISION NUMBER	REVISIONS	DATE	BY	
1	PER PENNDOT REVIEW EMAIL OF 04-13-2025	04-20-2025	GK	

LEGEND

-  PROPERTY BOUNDARY
-  ROAD RIGHT-OF-WAY
-  RAILROAD RIGHT-OF-WAY
-  EXISTING MINOR CONTOUR
-  EXISTING MAJOR CONTOUR
-  EXISTING CURB
-  EXISTING GUIDERAIL
-  EXISTING UTILITY POLE
-  EXISTING GAS LINE
-  EXISTING WATER LINE
-  EXISTING SANITARY MAIN
-  EXISTING STORM PIPING
-  EXISTING INLET (TYPE C)
-  EXISTING INLET (TYPE M)
-  PROPOSED CONTOUR
-  PROPOSED STORM PIPE
-  PROPOSED INLET TOP (TYPE C)
-  PROPOSED PAVEMENT BASE DRAIN

HPIII LEHIGH VALLEY 1120 LLC DRIVEWAY
 HOP APPLICANT: CASEY
 HOP APPLICATION NO. 10075812
 HOP PERMIT NO. 04033975

Lands of
 HPIII Lehigh Valley 1120 LLC
 PIN: 51-E12-00A-01Y-000

Lands of
 GREATER WYOMING VALLEY AREA YMCA
 PIN: 51-E12-00A-01K-000

Lands of
 READING, BLUE MOUNTAIN
 & NORTHERN RAILROAD
 PIN: 51-E12-00A-00C-000

LIMIT OF ROAD RECONSTRUCTION
 STA. 3+18
 SEG. 0010 OFFSET 1932
 S.R. 2019

Lands of
 CARMEN CAPITANO
 PIN: 51-E12-00A-01N-000

LIMIT OF ROAD RECONSTRUCTION
 STA. 5+43
 SEG. 0010 OFFSET 1707
 S.R. 2019

Lands of
 RT ENTERPRISES OF PITTSSTON PA LLC
 PIN: 51-F12-00A-009-000

START WORK
 STA. 2+66.41
 SEG. 0010 OFFSET 1948.41
 S.R. 2019

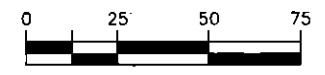
Lands of
 READING, BLUE MOUNTAIN
 & NORTHERN RAILROAD
 PIN: 51-E12-00A-00C-000

PROPOSED TYPE C TOP UNIT
 CRT. 06+23
 Ex. 801
 Inv. 858.72
 Inv. Out 858.60

AFTER CURB REPLACEMENT
 IS COMPLETED, RESTORE
 LAWN AREAS WITH 4" MIN.
 DEPTH TOPSOIL, SEEDING
 & MULCHING

Lands of
 NAMA STATE LP
 PIN: 51-F12-001-10B-000

STOP WORK
 STA. 5+88.39
 SEG. 0010 OFFSET 1702.43
 S.R. 2019



Scale : 1" = 25'

**PLAN
 GRADING**

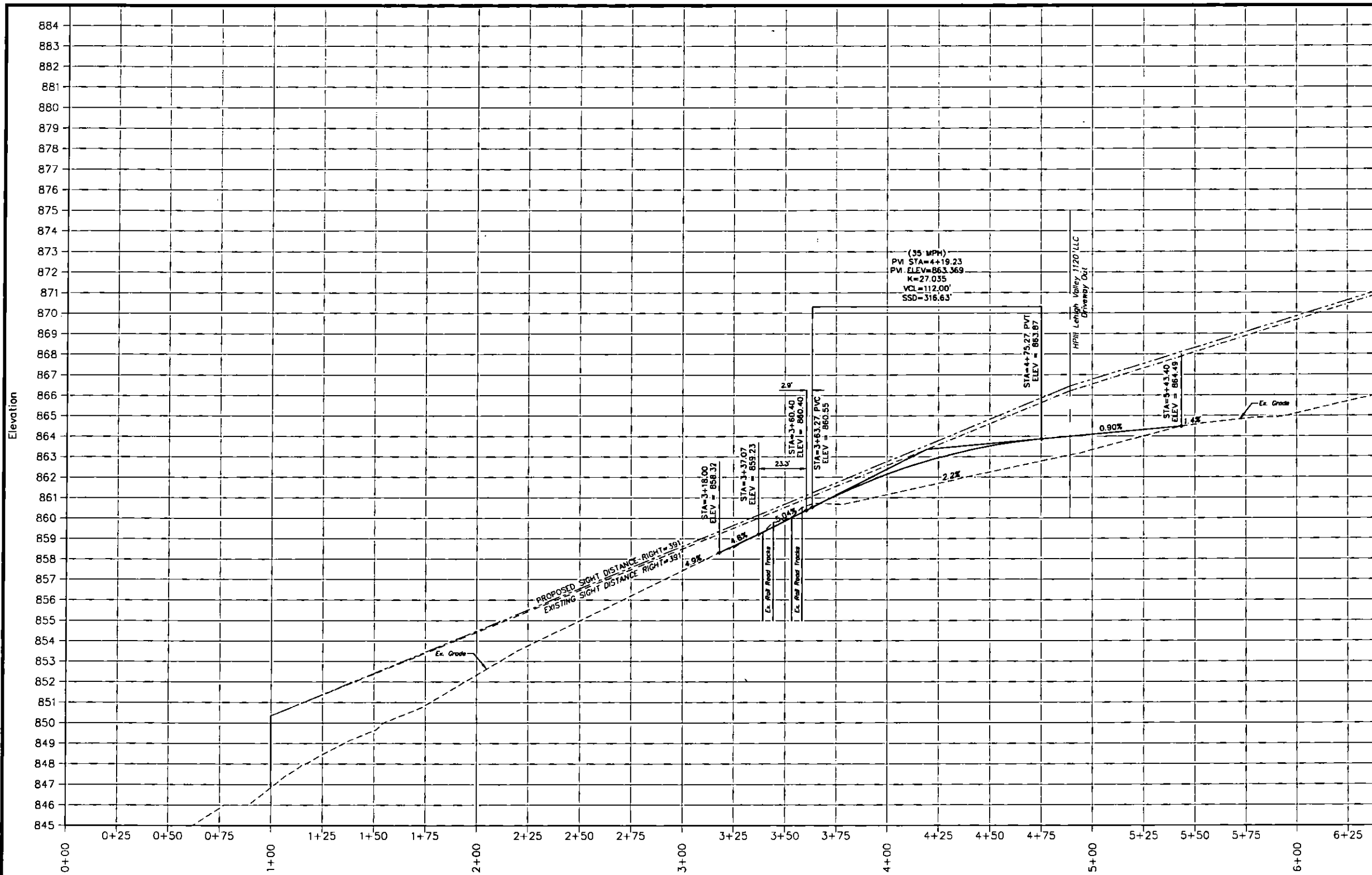


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RAILROAD CROSSING SURFACE DEFLECTION
 FEDERAL RR MANUAL THIRD EDITION PAGE 20

FOR NEW CONSTRUCTION THE SURFACE OF THE HIGHWAY MAY NOT BE MORE THAN 3 INCHES HIGHER OR LOWER THAN THE TOP OF THE NEAREST RAIL AT A POINT 33 FEET FROM THE RAIL.

TRACK GAUGE = 4 FT 8.5 INCHES = 4.71 FT.
 RAIL CENTERLINE TO RAIL CENTERLINE DISTANCE = 98 FEET
 ELEVATION DIFFERENCE BETWEEN RAIL CENTER LINES = 3 INCHES OR 0.25 FEET
 SLOPE ACROSS RAIL CENTERLINES = 0.25 FEET / 98 FEET = 0.04%

TRACK SURFACE HAS A WIDTH OF 23.3 FEET AND A CONSTANT SLOPE OF 0.04%
 SLOPE OF 0.04% EXTENDS A MINIMUM OF 2 FEET OUTSIDE OF THE WESTERMOST AND EASTERMOST RAILS

WESTERN RAIL (LOWEST OUTSIDE RAIL)
 STATION: 3+30.07
 ELEVATION: 859.23

EXISTING SLOPE AT 3+30.07 = 2.57%
 WHEN 0.04% SLOPE IS EXTENDED TO STATION 3+30.07, ELEVATION AT 3+30.07 = 857.81

ELEVATION DIFFERENCE: 857.88 - 857.81 = 0.07 FEET < 0.25 FEET

EASTERN RAIL (HIGHEST OUTSIDE RAIL)
 STATION: 3+38.40
 ELEVATION: 860.30

PROPOSED VERTICAL CURVE ELEVATION AT 3+38.40 = 861.70
 WHEN 0.04% SLOPE IS EXTENDED TO STATION 3+38.40, ELEVATION AT 3+38.40 = 861.88

ELEVATION DIFFERENCE: 861.88 - 861.70 = 0.18 FEET < 0.25 FEET

Coordinated Health Driveway Sight Distance (Station 4+68 LT)
 (PA Property: Lehigh Valley 1120 LLC Property, 1120 Oak Street)
 Existing Sight Distance (measured in field):
 Driver Out to Left: 461 ft
 Driver Out to Right: 391 ft
 Left Turn - Oncoming from Front: 488 ft
 Left Turn - Approaching from Rear: 363 ft
 * Sight distance terminates at stopbar of western leg of Oak Street/Enterprise Way intersection

Proposed Sight Distance (equal or better than existing):
 Driver Out to Left: 461 ft
 Driver Out to Right: 391 ft
 * Sight distance terminates at stopbar of western leg of Oak Street/Enterprise Way intersection

RLS Logistics Driveway Sight Distance (Station 2+98 RT)
 (RT Enterprises of Pittston, PA Property: 1075 Oak Street)
 Existing Sight Distance (measured in field):
 Driver Out to Left: 645 ft
 Driver Out to Right: 596 ft
 Left Turn - Oncoming from Front: 635 ft
 Left Turn - Approaching from Rear: 635 ft
 * Sight distance terminates at stopbar of western leg of Oak Street/Enterprise Way intersection
 * Sight distance terminates at Oak Street/Brown Road intersection

Proposed Sight Distance (equal or better than existing):
 Driver Out to Left: 645 ft
 Driver Out to Right: 596 ft
 * Sight distance terminates at stopbar of western leg of Oak Street/Enterprise Way intersection
 * Sight distance terminates at Oak Street/Brown Road intersection

Cassey Dental Driveway Sight Distance (Station 6+75 RT)
 (Verna Star LP Property: 1073 Oak Street)
 Existing Sight Distance (measured in field):
 Driver Out to Left: 526 ft
 Driver Out to Right: 537 ft
 Left Turn - Oncoming from Front: 526 ft
 Left Turn - Approaching from Rear: 263 ft
 * Sight distance terminates at stopbar of western leg of Oak Street/Enterprise Way intersection

Proposed Sight Distance (equal or better than existing):
 Driver Out to Left: 526 ft
 Driver Out to Right: 537 ft
 * Sight distance terminates at stopbar of western leg of Oak Street/Enterprise Way intersection

Horizontal Scale: 1" = 25' - Vertical Scale: 1" = 2.5'
Profile - OAK STREET CENTER LINE

Existing Stopping Sight Distance for Oak Street
 Formula from PennDOT Chapter 441
 $D_1 = 1.47 \times V \times t$
 $V = 35 \text{ mph}$
 $t = 2.5 \text{ seconds}$
 $D_1 = 1.47 \times 35 \times 2.5 = 128.63 \text{ ft}$

$D_2 = \frac{V^2}{20 \times (f + G)}$
 $V = 35 \text{ mph}$
 $f = 0.30 \text{ (wet pavement)}$
 $G_1 = +4.9\%$
 $G_2 = +2.2\%$
 $= \frac{35^2}{20 \times (0.30 + 0.049)} = 117.00 \text{ ft}$ for G_1
 $= \frac{35^2}{20 \times (0.30 + 0.022)} = 126.81 \text{ ft}$ for G_2

* Use larger value for G_2
 $SSD = D_1 + D_2$
 $= 128.63 + 126.81 = 255.44 \text{ ft}$

Proposed Stopping Sight Distance for Oak Street
 Formula from PennDOT Chapter 441
 $D_1 = 1.47 \times V \times t$
 $V = 35 \text{ mph}$
 $t = 2.5 \text{ seconds}$
 $D_1 = 1.47 \times 35 \times 2.5 = 128.63 \text{ ft}$

$D_2 = \frac{V^2}{20 \times (f + G)}$
 $V = 35 \text{ mph}$
 $f = 0.30 \text{ (wet pavement)}$
 $G_1 = +5.04\%$
 $G_2 = +0.00\%$
 $= \frac{35^2}{20 \times (0.30 + 0.0504)} = 116.53 \text{ ft}$ for G_1
 $= \frac{35^2}{20 \times (0.30 + 0.000)} = 132.15 \text{ ft}$ for G_2

* Use larger value for G_2
 $SSD = D_1 + D_2$
 $= 128.63 + 132.15 = 260.78 \text{ ft}$

Proposed Stopping Sight Distance for Oak Street
 Formula from 2004 AASHTO Green Book - Equation 3-44
 Stopping Sight Distance (SSD) is Greater than Length of Curve (L)
 $SSD = \frac{L \times (2158/A)^2}{L + \text{Length of Crest Vertical Curve} = 112 \text{ ft}}$
 $A = \text{Grade Difference} = +5.04\% - 0.00\% = 5.04\%$
 $= \frac{112 \times (2158/5.04)^2}{112 + 112} = 316.63 \text{ ft}$

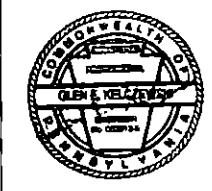
Proposed Stopping Sight Distance for Oak Street
 Measured graphically along proposed Oak Street centerline
 Driver Height = 3.5 ft
 Object Height = 2.0 ft
 Minimum Height above Roadway = 8 inches

SSD	265 ft	Eastbound
	275 ft	Westbound

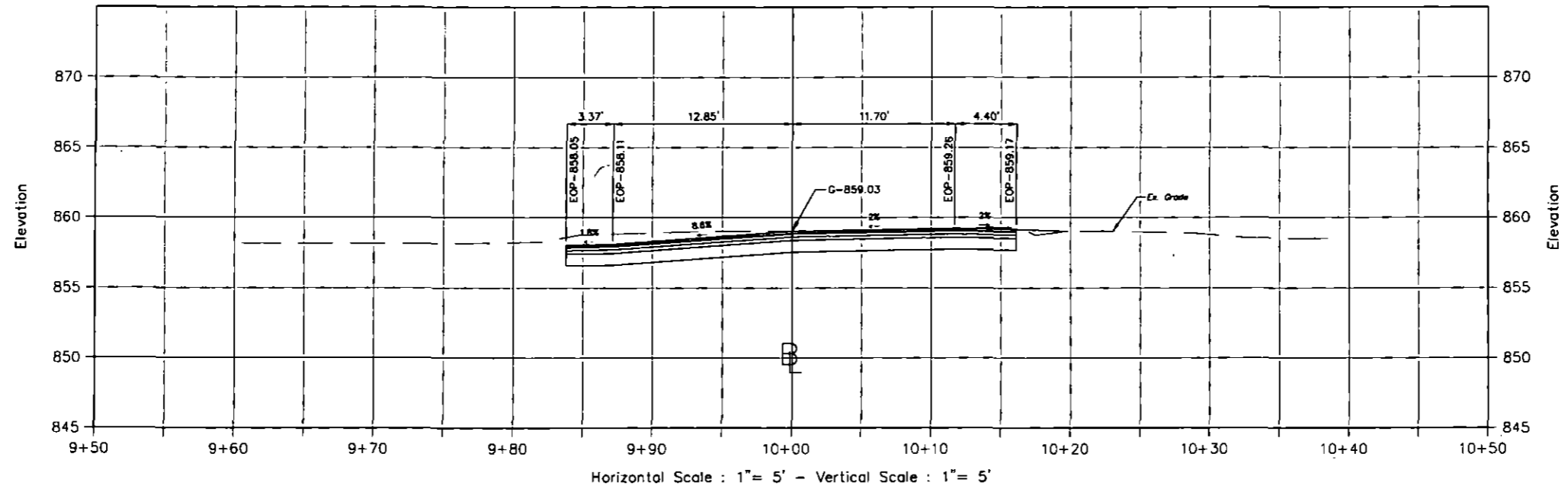
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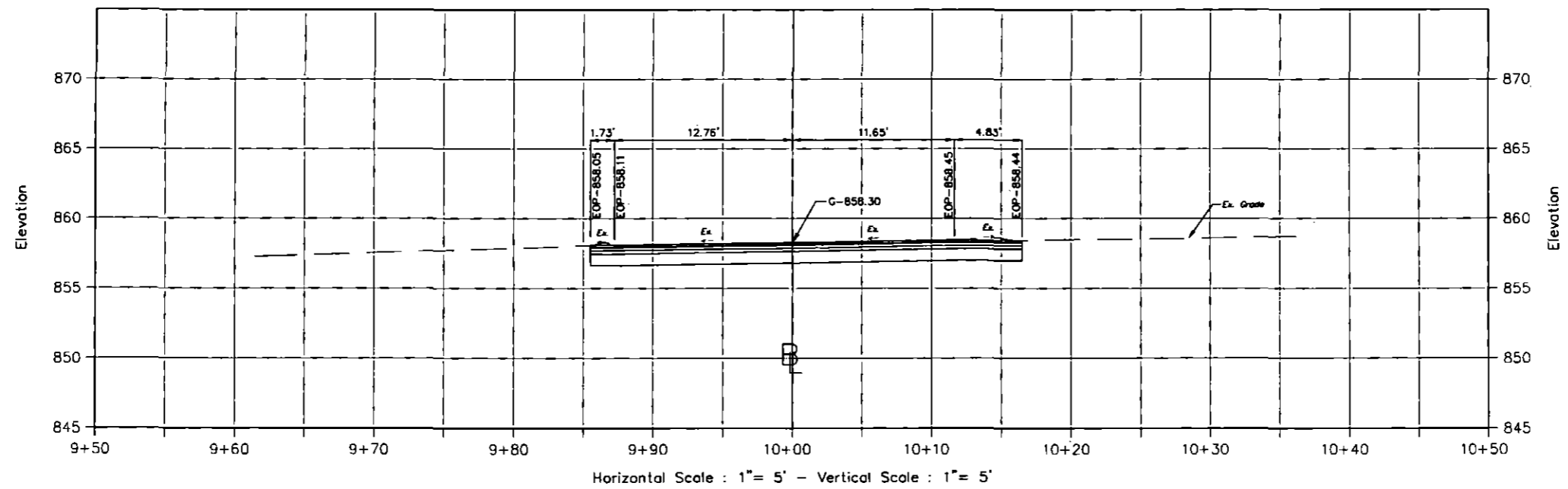
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DISTRICT	COUNTY	ROUTE	SECTION	SHEET
4-0	LUZERNE	2019	----	16 OF 29
TOWNSHIP OF PITTSBURGH				
REVISION NUMBER	REVISIONS	DATE	BY	
1	PER PENNDOT REVIEW EMAIL OF 04-13-2026	04-20-2026	GK	



CROSS SECTION-3+33
(SUPER ELEVATED SECTION)



CROSS SECTION-3+18
(SUPER ELEVATED SECTION)

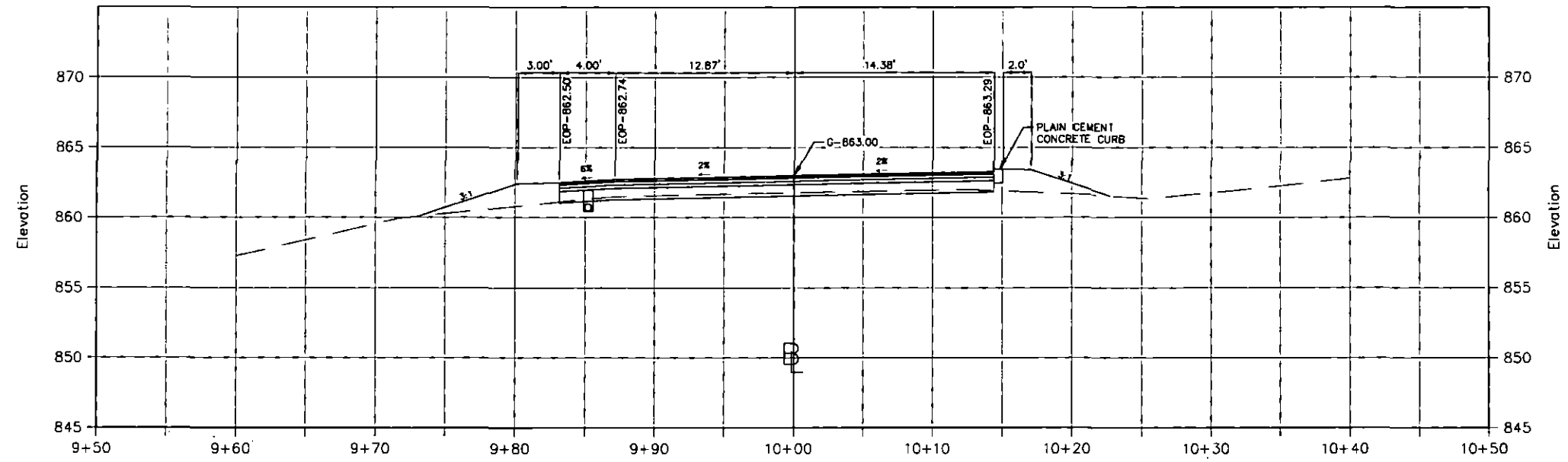
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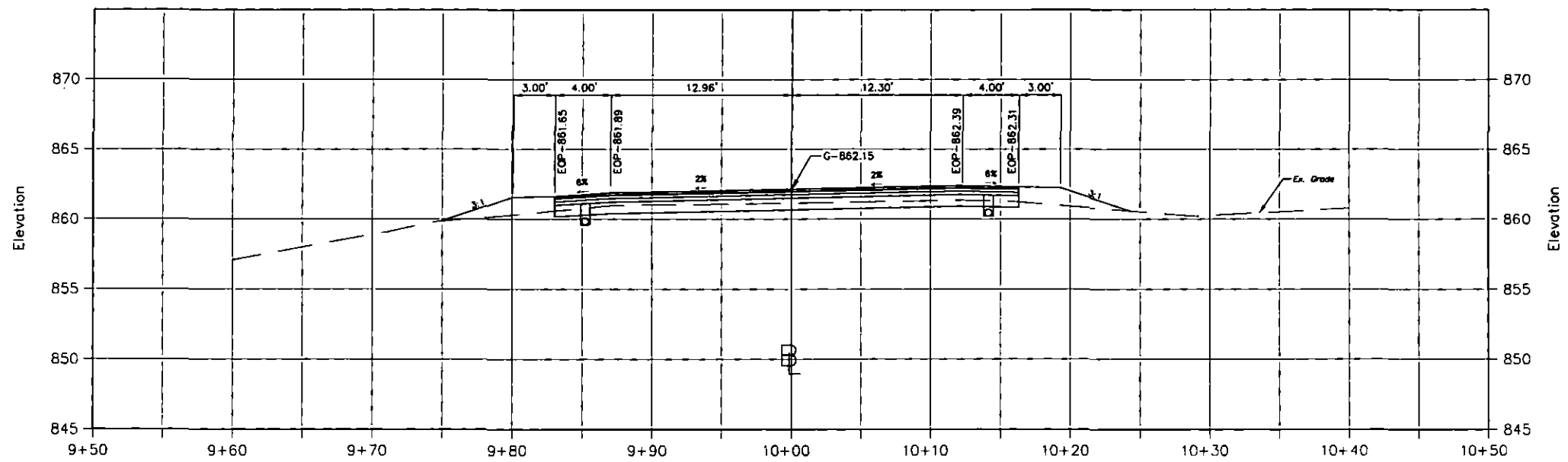
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4 - 0	LUZERNE	2019	----	18 OF 29
TOWNSHIP OF PITTSBURGH				
REVISION NUMBER	REVISIONS	DATE	BY	
1	PER PENNDOT REVIEW EMAIL OF 04-13-2026	04-20-2026	GK	



CROSS SECTION-4+27



CROSS SECTION-4+00

(SUPER ELEVATED SECTION)

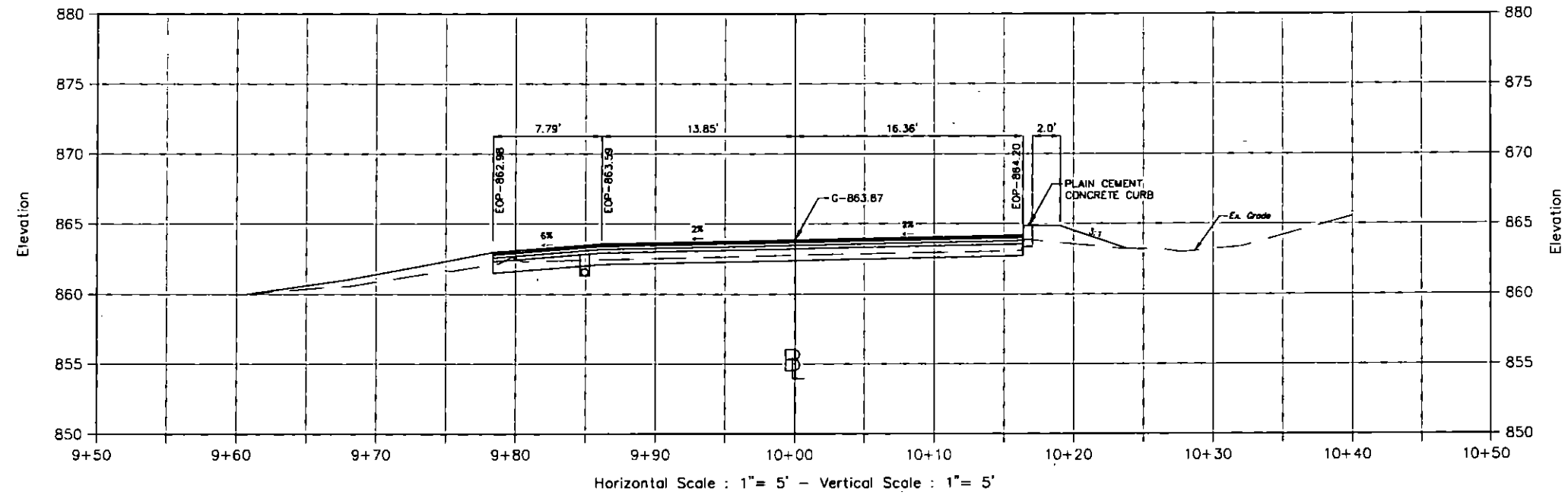
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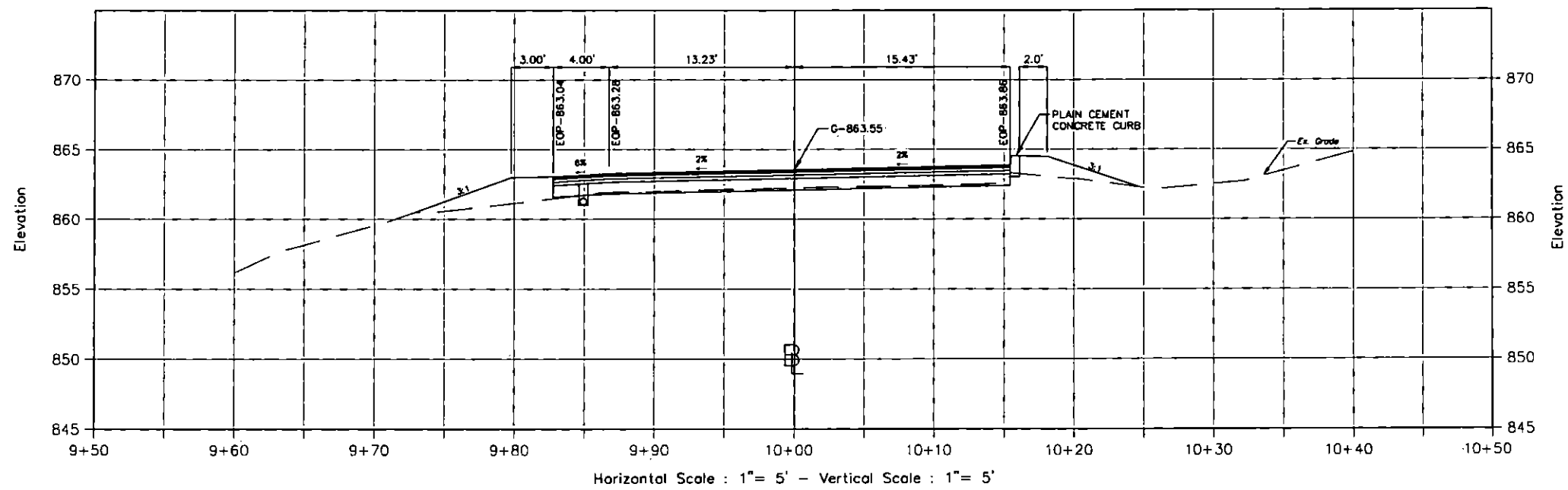
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4-0	LUZERNE	2019	---	19 OF 29
TOWNSHIP OF PITTSBURGH				
REVISION NUMBER	REVISIONS	DATE	BY	
1	PER PENNDOT REVIEW EMAIL OF 04-13-2026	04-20-2026	GK	



CROSS SECTION-4+75



CROSS SECTION-4+50
(TRANSITION FROM SUPER ELEVATED SECTION TO CROWN SECTION)

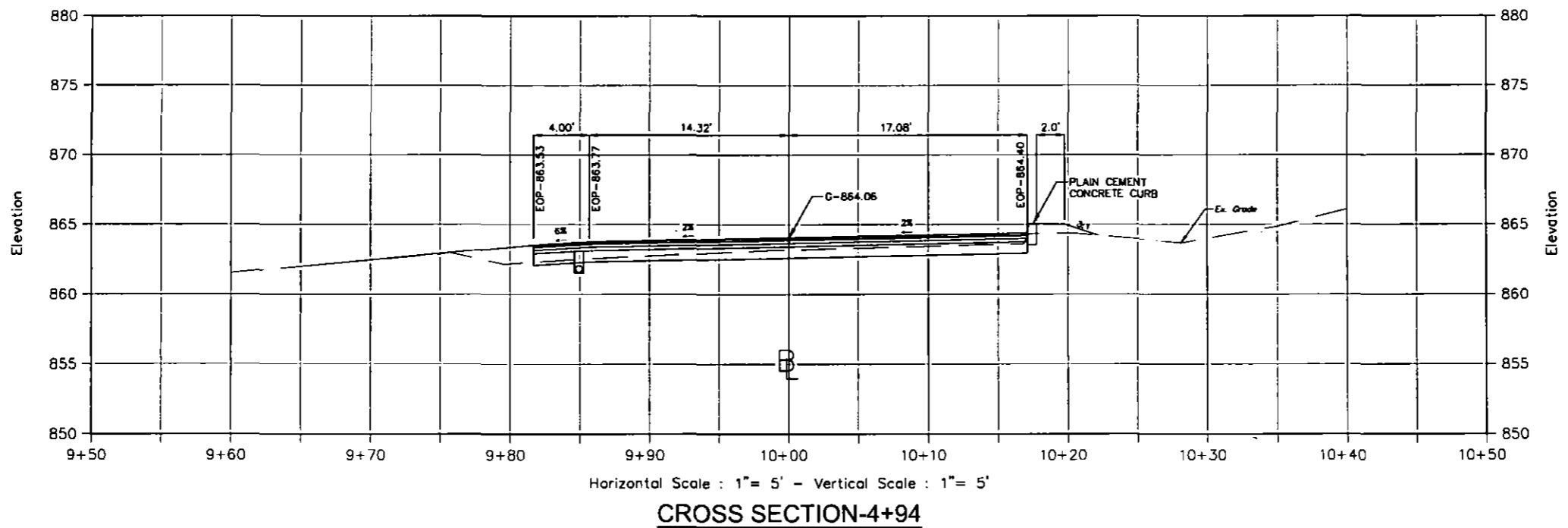
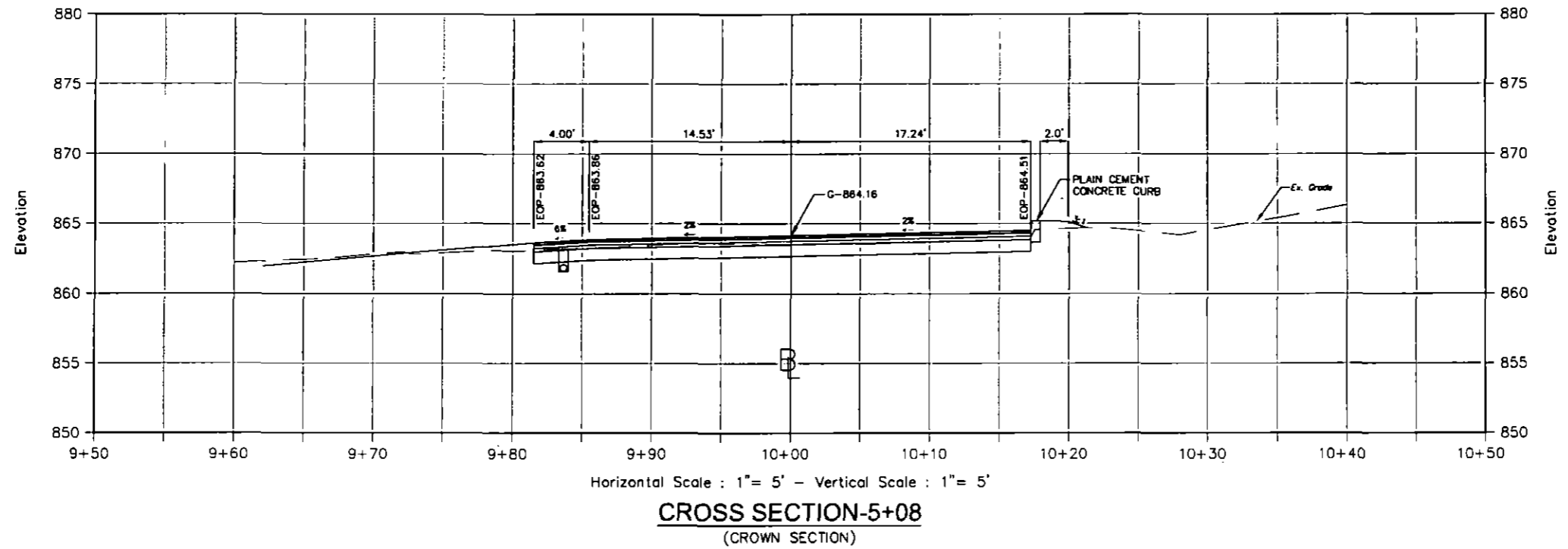
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DISTRICT	COUNTY	ROUTE	SECTION	SHEET
4-0	LUZERNE	2019	---	20 OF 29
TOWNSHIP OF PITTSBURGH				
REVISION NUMBER	REVISIONS	DATE	BY	
1	PER PENNDOT REVIEW EMAIL OF 04-13-2026	04-20-2026	GK	



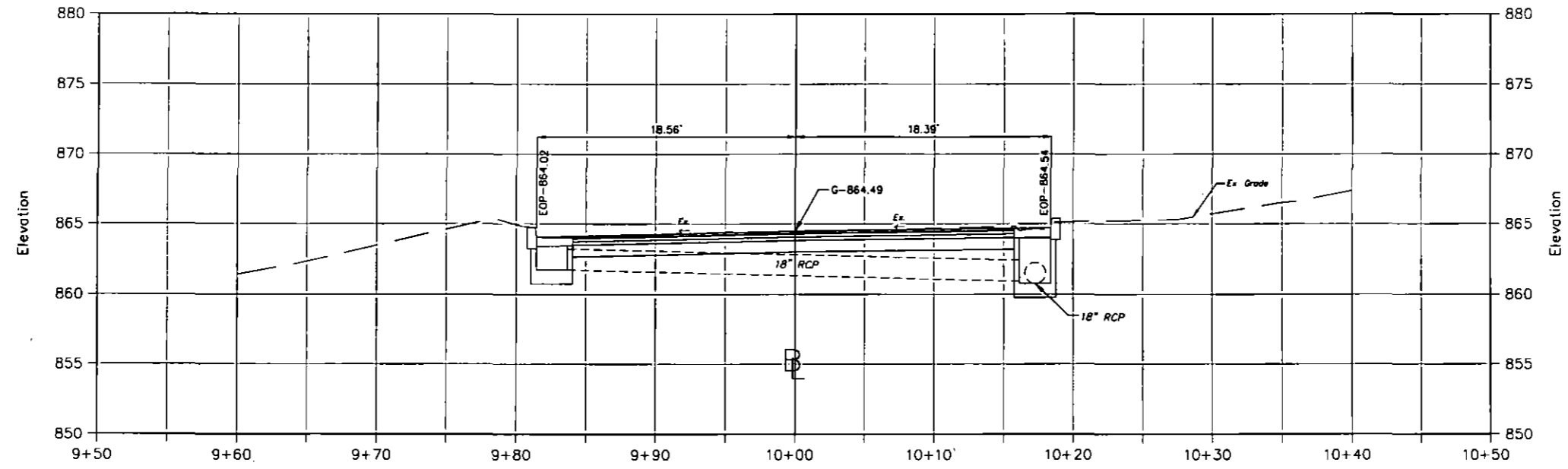
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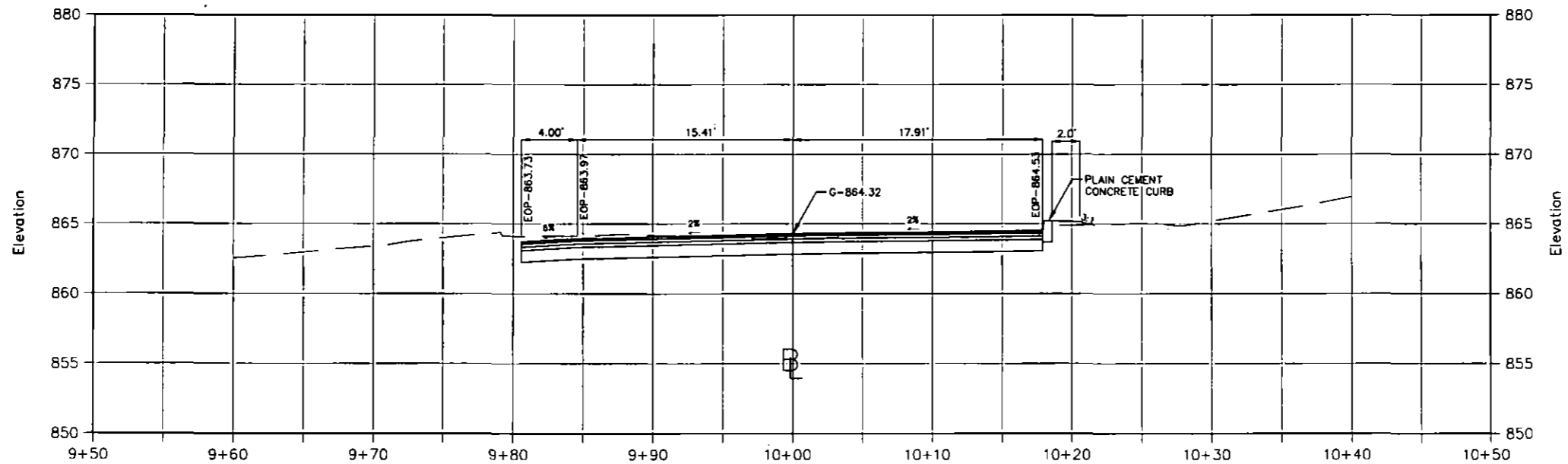
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DISTRICT	COUNTY	ROUTE	SECTION	SHEET
4-0	LUZERNE	2019	----	21 OF 29
TOWNSHIP OF PITTSBURGH				
REVISION NUMBER	REVISIONS	DATE	BY	
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CROSS SECTION-5+43



CROSS SECTION-5+25

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DISTRICT	COUNTY	ROUTE	SECTION	SHEET
4 - 0	LUZERNE	2019	---	22 OF 29
TOWNSHIP OF PITTSION				
REVISION NUMBER	REVISIONS	DATE	BY	
1	PER PENNDOT REVIEW EMAIL OF 04-13-2026	04-20-2026	GK	

STANDARD EROSION AND SEDIMENT CONTROL PLAN NOTES

1. ALL EARTH DISTURBANCES INCLUDING CLEARING AND GRUBBING AS WELL AS CUTS AND FILLS SHALL BE DONE IN ACCORDANCE WITH THE E & S PLANS. A COPY OF THE E & S PLANS MUST BE AVAILABLE AT THE PROJECT SITE AT ALL TIMES. THE REVIEWING AGENCY SHALL BE NOTIFIED OF ANY CHANGES TO THE PLAN PRIOR TO IMPLEMENTATION OF THOSE CHANGES. THE REVIEWING AGENCY MAY REQUIRE A WRITTEN SUBMITTAL OF THOSE CHANGES FOR REVIEW AND APPROVAL AT ITS DISCRETION.
2. AT LEAST 7 DAYS PRIOR TO STARTING ANY EARTH DISTURBANCE ACTIVITIES, INCLUDING CLEARING AND GRUBBING, PENNDOT AND/OR THE CONTRACTOR SHALL INVITE ALL CONTRACTORS, APPROPRIATE MUNICIPAL OFFICIALS, AND THE E & S PLAN PREPARER TO AN ON-SITE PRECONSTRUCTION MEETING.
3. AT LEAST 3 DAYS PRIOR TO STARTING ANY EARTH DISTURBANCE ACTIVITIES, OR EXPANDING INTO AN AREA PREVIOUSLY UNMARKED, THE PENNSYLVANIA ONE CALL SYSTEM INC. SHALL BE NOTIFIED AT 1-800-242-1776 FOR THE LOCATION OF EXISTING UNDERGROUND UTILITIES.
4. ALL EARTH DISTURBANCE ACTIVITIES SHALL PROCEED IN ACCORDANCE WITH THE SEQUENCE PROVIDED ON THE PLAN DRAWINGS. DEVIATION FROM THAT SEQUENCE MUST BE APPROVED IN WRITING FROM THE REVIEWING AGENCY AND PENNDOT DISTRICT 40 ENVIRONMENTAL UNIT PRIOR TO IMPLEMENTATION.
5. AREAS TO BE FILLED ARE TO BE CLEARED, GRUBBED AND STRIPPED OF TOPSOIL TO REMOVE TREES, VEGETATION, ROOTS AND OTHER OBJECTIONABLE MATERIAL.
6. CLEARING, GRUBBING AND TOPSOIL STRIPPING SHALL BE LIMITED TO THOSE AREAS DESCRIBED IN EACH STAGE OF THE CONSTRUCTION SEQUENCE AND LIMITED TO THE AREAS NECESSARY TO PLACE E & S CONTROLS FOR ALL STAGES. GENERAL SITE CLEARING, GRUBBING AND TOPSOIL STRIPPING MAY NOT COMMENCE IN ANY STAGE OR PHASE OF THE PROJECT UNTIL THE E & S BMPs SPECIFIED BY THE BMP SEQUENCE FOR THAT STAGE OR PHASE HAVE BEEN INSTALLED AND ARE FUNCTIONING AS DESCRIBED IN THIS E & S PLAN.
7. AT NO TIME SHALL CONSTRUCTION VEHICLES BE ALLOWED TO ENTER AREAS OUTSIDE THE LIMIT OF CONSTRUCTION BOUNDARIES SHOWN ON THE PLAN MAPS. THESE AREAS MUST BE CLEARLY MARKED BEFORE CLEARING AND GRUBBING OPERATIONS BEGIN.
8. TOPSOIL REQUIRED FOR THE ESTABLISHMENT OF VEGETATION SHALL BE STOCKPILED AT THE LOCATION(S) SHOWN ON THE PLAN MAPS IN THE AMOUNT NECESSARY TO COMPLETE THE FINISHED GRADING OF ALL EXPOSED AREAS THAT ARE TO BE STABILIZED BY VEGETATION. EACH STOCKPILE SHALL BE PROTECTED IN THE MANNER SHOWN ON THE PLAN DRAWINGS. STOCKPILE HEIGHTS SHALL NOT EXCEED 3 FEET. STOCKPILE SLOPES SHALL BE 2H 1V OR FLATTER.
9. IMMEDIATELY UPON DISCOVERING UNFORESSEEN CIRCUMSTANCES POSING THE POTENTIAL FOR ACCELERATED EROSION AND/OR SEDIMENT POLLUTION, THE CONTRACTOR SHALL IMPLEMENT APPROPRIATE BEST MANAGEMENT PRACTICES TO MINIMIZE THE POTENTIAL FOR EROSION AND SEDIMENT POLLUTION AND NOTIFY THE REVIEWING AGENCY.
10. ALL BUILDING MATERIALS AND WASTES SHALL BE REMOVED FROM THE SITE AND RECYCLED OR DISPOSED OF IN ACCORDANCE WITH THE DEPARTMENT'S SOLID WASTE MANAGEMENT REGULATIONS AT 25 PA CODE 280 - ET. SEC. 271.1, AND 287.1 ET. SEC. NO BUILDING MATERIALS OR WASTES OR UNUSED BUILDING MATERIALS SHALL BE BURNED, BURIED, DUMPED OR DISCHARGED AT THE SITE.
11. ALL OFF-SITE WASTE AND BORROW AREAS MUST HAVE AN E & S PLAN APPROVED BY THE LOCAL CONSERVATION DISTRICT, PENNDOT DISTRICT 40 ENVIRONMENTAL UNIT OR PADEP. THE OFF-SITE WASTE AND BORROW AREA MUST BE FULLY IMPLEMENTED PRIOR TO BEING ACTIVATED.
12. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ANY MATERIAL BROUGHT ON-SITE IS CLEAN. FILL FORM FP-001 MUST BE RETAINED BY THE PROPERTY OWNER FOR ANY FILL MATERIAL AFFECTED BY A SPILL OR RELEASE OF A REGULATED SUBSTANCE BUT QUALIFYING AS CLEAN FILL DUE TO ANALYTICAL TESTING.
13. UNTIL THE SITE IS STABILIZED, ALL EROSION AND SEDIMENT BMPs SHALL BE MAINTAINED PROPERLY. MAINTENANCE SHALL INCLUDE INSPECTIONS OF ALL EROSION AND SEDIMENT BMPs AFTER EVERY RUNOFF EVENT AND ON A WEEKLY BASIS. ALL PREVENTATIVE AND REMEDIAL MAINTENANCE WORK, INCLUDING CLEANOUT, REPAIR, REPLACEMENT, REGRADING, RESEEDING, REMULCHING AND RESETTING MUST BE PERFORMED IMMEDIATELY. IF THE E & S BMPs FAIL TO PERFORM AS EXPECTED, REPLACEMENT BMPs OR MODIFICATIONS OF THOSE INSTALLED WILL BE REQUIRED.
14. A LOG SHOWING DATES THAT E & S BMPs WERE INSPECTED AS WELL AS ANY DEFICIENCIES FOUND AND THE DATE THEY WERE CORRECTED SHALL BE MAINTAINED ON THE SITE AND BE MADE AVAILABLE TO REGULATORY AGENCY OFFICIALS AT THE TIME OF INSPECTION.
15. SEDIMENT TRACKED ONTO ANY PUBLIC ROADWAY OR SIDEWALK SHALL BE RETURNED TO THE CONSTRUCTION SITE BY THE END OF EACH WORK DAY AND DISPOSED IN THE MANNER DESCRIBED IN THIS PLAN. IN NO CASE SHALL THE SEDIMENT BE WASHED, SHOVELED OR SWEEPED INTO ANY ROADSIDE DITCH, STORM SEWER OR SURFACE WATER.
16. ALL SEDIMENT REMOVED FROM BMPs SHALL BE DISPOSED OF IN THE MANNER DESCRIBED ON THE PLAN DRAWINGS. SEDIMENT REMOVED FROM BMPs SHALL BE DISPOSED OF IN LANDSCAPED AREAS OUTSIDE OF STEEP SLOPES, WETLANDS, FLOODPLAINS OR DRAINAGE SWALES AND IMMEDIATELY STABILIZED OR PLACED IN TOPSOIL STOCKPILES.
17. ALL GRADED AREAS SHALL BE PERMANENTLY STABILIZED IMMEDIATELY UPON REACHING FINISHED GRADE. CUT SLOPES IN COMPETENT BEDROCK AND ROCK FILLS NEED NOT BE VEGETATED. SECCED AREAS WITHIN 50 FEET OF A SURFACE WATER, SLOPES 3H 1V OR STEEPER OR AS OTHERWISE SHOWN ON THE PLAN DRAWINGS SHALL BE BLANKETED ACCORDING TO THE STANDARDS OF THIS PLAN.
18. IMMEDIATELY AFTER EARTH DISTURBANCE ACTIVITIES CEASE IN ANY AREA OR SUBAREA OF THE PROJECT, THE CONTRACTOR SHALL STABILIZE ALL DISTURBED AREAS DURING NON-GERMINATING MONTHS. MULCH OR PROTECTIVE BLANKETING SHALL BE APPLIED AS DESCRIBED IN THE PLAN. AREAS NOT AT FINISHED GRADE WHICH WILL BE REACTIVATED WITHIN 1 YEAR MAY BE STABILIZED IN ACCORDANCE WITH THE TEMPORARY STABILIZATION SPECIFICATIONS. THOSE AREAS WHICH WILL NOT BE REACTIVATED WITHIN 1 YEAR SHALL BE STABILIZED IN ACCORDANCE WITH THE PERMANENT STABILIZATION SPECIFICATIONS.
19. PERMANENT STABILIZATION IS DEFINED AS A MINIMUM UNIFORM, PERENNIAL 70% VEGETATIVE COVER OR OTHER PERMANENT NON-VEGETATIVE COVER WITH A DENSITY SUFFICIENT TO RESIST ACCELERATED EROSION. CUT AND FILL SLOPES SHALL BE CAPABLE OF RESISTING FAILURE DUE TO SLUMPING, SLIDING OR OTHER MOVEMENTS.
20. E & S BMPs MUST BE CONSTRUCTED, STABILIZED AND FUNCTIONAL BEFORE SITE DISTURBANCE BEGINS WITHIN THE TRIBUTARY AREAS OF THOSE BMPs. E & S BMPs SHALL REMAIN FUNCTIONAL AS SUCH UNTIL ALL AREAS TRIBUTARY TO THEM ARE PERMANENTLY STABILIZED OR UNTIL THEY ARE REPLACED BY ANOTHER BMP APPROVED BY THE REVIEWING AGENCY.

21. AFTER FINAL SITE STABILIZATION HAS BEEN ACHIEVED, TEMPORARY EROSION AND SEDIMENT BMPs MUST BE REMOVED. AREAS DISTURBED DURING REMOVAL OR CONVERSION OF THE BMPs SHALL BE STABILIZED IMMEDIATELY IN ORDER TO ENSURE RAPID REVEGETATION OF DISTURBED AREAS. SUCH REMOVAL/CONVERSIONS ARE TO BE DONE ONLY DURING THE GERMINATING SEASON.
22. UPON COMPLETION OF ALL EARTH DISTURBANCE ACTIVITIES AND PERMIT STABILIZATION OF ALL DISTURBED AREAS, THE CONTRACTOR SHALL CONTACT PENNDOT TO SCHEDULE A FINAL INSPECTION. A FINAL INSPECTION TO REMOVE BMPs MAY OR MAY NOT OCCUR.
23. FAILURE TO CORRECTLY INSTALL E & S BMPs, FAILURE TO PREVENT SEDIMENT LOADED RUNOFF FROM LEAVING THE CONSTRUCTION SITE, OR FAILURE TO TAKE IMMEDIATE CORRECTIVE ACTION TO RESOLVE FAILURE OF E & S BMPs MAY RESULT IN ADMINISTRATIVE, CIVIL AND/OR CRIMINAL PENALTIES BEING INSTITUTED BY PADEP AS DEFINED IN SECTION 602 OF THE PENNSYLVANIA CLEAN STREAMS LAW. THE CLEAN STREAMS LAW PROVIDES FOR UP TO \$10,000 PER DAY IN CIVIL PENALTIES, UP TO \$10,000 IN SUMMARY CRIMINAL PENALTIES, AND UP TO \$25,000 IN MISDEMEANOR CRIMINAL PENALTIES FOR EACH VIOLATION.
24. THE CONTRACTOR SHALL ASSURE THAT THE EROSION AND SEDIMENT CONTROL PLAN IS PROPERLY AND COMPLETELY IMPLEMENTED.
25. THE CONTRACTOR IS ADVISED TO BECOME THOROUGHLY FAMILIAR WITH THE PROVISIONS OF THE APPENDIX B4 EROSION CONTROL RULES AND REGULATIONS, TITLE 25, PART 1, DEPARTMENT OF ENVIRONMENTAL PROTECTION, SUBPART C, PROTECTION OF NATURAL RESOURCES, CHAPTER 102, EROSION CONTROL.
26. CONCRETE WASH WATER SHALL BE HANDLED IN THE MANNER DESCRIBED ON THE PLAN DRAWINGS. IN NO CASE SHALL IT BE ALLOWED TO ENTER ANY SURFACE WATERS OR GROUNDWATER SYSTEMS.
27. ALL PUMPING OF ANY WATER FROM ANY WORK AREA SHALL BE DONE ACCORDING TO THE PROCEDURE DESCRIBED IN THIS PLAN OVER UNDISTURBED VEGETATED AREAS. ALL PUMPING OF SEDIMENT LOADED WATER SHALL BE THROUGH SEDIMENT CONTROL BMPs, SUCH AS A PUMPED WATER FILTER BAG, DISCHARGING OVER NON-DISTURBED AREAS.
28. ALL WETLANDS MUST BE DELINEATED AND PROTECTED WITH ORANGE SAFETY FENCE PRIOR TO ANY EARTH DISTURBANCE ACTIVITY.
29. ALL CHANNELS SHALL BE KEPT FREE OF OBSTRUCTIONS, INCLUDING BUT NOT LIMITED TO FILL, ROCKS, LEAVES, WOODY DEBRIS, ACCUMULATED SEDIMENT, EXCESS VEGETATION AND CONSTRUCTION MATERIALS/WASTES.
30. THERE ARE NO ON-SITE WASTE AREAS. THE CONTRACTOR WILL BE RESPONSIBLE FOR HAULING ALL EXCESS SPILLS TO AN OFF-SITE LOCATION(S). THE CONTRACTOR WILL BE RESPONSIBLE FOR ENSURING ALL OFF-SITE WASTE AREAS HAVE APPROVED AND IMPLEMENTED E & S PLANS AND ASSOCIATED PERMITS.

CHAPTER 63 STREAM CLASSIFICATION
THE EXISTING AND DESIGNATED USES FOR THE SUSQUEHANNA RIVER ARE CLASSIFIED IN PENNSYLVANIA CODE TITLE 25, CHAPTER 63 AS WARM WATER FISHES (WWF) WITH MIGRATORY FISHES (MF).

STREAM RESTRICTIONS
NO IN-STREAM CONSTRUCTION ACTIVITIES ARE PROPOSED FOR THIS PROJECT.


TOTAL LIMIT OF DISTURBANCE = 0.3569 ACRES (15,546 SF)

OWNER
PENNDOT ENGINEERING DISTRICT 4-0
55 KEYSTONE INDUSTRIAL PARK
DUNMORE, PA 18512
PHONE: (570) 963-4061

DEP OFFICE
PA DEP NORTHEAST REGIONAL OFFICE
7 PUBLIC SQUARE
WILKES-BARRE, PA 18701-1915
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CONSERVATION DISTRICT
LUZERNE COUNTY CONSERVATION DISTRICT
325 SMITHS POND ROAD
SHAVERTOWN, PA 18708
PHONE: (570) 674-7991



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SYSTEM INC.
WILKES-BARRE TOWNSHIP, LUZERNE COUNTY
SERIAL NUMBER 20260500567

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March 7, 2026 - Plan No. B-24-188-PD



SECTION 804 - SEEDING AND SOIL SUPPLEMENTS
SEED FORMULAS SEE TABLE A

FORMULA AND SPECIES	% BY WEIGHT	MINIMUM %		MAX % WEED SEED	SEEDING RATE LBS PER 1000 SF
		PURITY	GERMINATION		
FORMULA B - RESIDENTIAL MIX					
PERENNIAL RYGRASS MIXTURE (LOLIUM PERENNE)	20	97	90	0.10	42.0 TOTAL 8.5
CREEPING RED FESCUE OR CHEWINGS FESCUE (FESTUCA RUBRA OR SSP COMMUTATE) (IMPROVED AND CLRTIFIED)	30	97	85	0.10	12.5
KENTUCKY BLUEGRASS MIXTURE (POA PRATENSIS)	50	97	80	0.15	21.0
FORMULA T - TEMPORARY GRASS MIX					
OATS (AVENA SATIVA) (SPRING)	100	97	85	0.10	6.0
CEREAL RYE (SECALE CEREALE) (FALL)	100	97	85	0.10	6.0

804.3 CONSTRUCTION -

(A) GENERAL SPREAD SEEDS WHERE INDICATED AT THE RATES SPECIFIED IN TABLE A OR AS OTHERWISE INDICATED. SPREAD SEEDS WITHIN THE FOLLOWING DATES, OR AS OTHERWISE INDICATED OR DIRECTED

FORMULA B - MARCH 15 TO JUNE 1
- AUGUST 1 TO OCTOBER 15

FORMULA T - MARCH 15 TO JUNE 1
- AUGUST 1 TO OCTOBER 15

WHERE PRODUCT CONDITIONS WARRANT, SEEDING DATES MAY BE EXTENDED. IF EXTENDED, EITHER APPLY FULL TREATMENT OR APPLY ONLY 50% OF THE PERMANENT SEEDING AND SOIL SUPPLEMENTS AND APPLY THE REMAINING 50% WITHIN THE NEXT SEEDING DATES AS DIRECTED IN WRITING BY THE ENGINEER.

ON TOPSOILED AREAS WHERE TEMPORARY SEEDING OR MULCHING HAS BEEN APPLIED, USE TILLAGE AND SOIL SUPPLEMENT PRIOR TO PERMANENT SEEDING.

ON UNTOPSOILED AREAS, WHERE TEMPORARY SEEDING OR MULCHING HAS BEEN APPLIED, PERMANENT SEED AND/OR SOIL SUPPLEMENTS MAY BE APPLIED WITHOUT TILLING.

(B) TILLAGE ON TOPSOILED AREAS, 3:1 AND FLATTER, THOROUGHLY LOOSEN THE SURFACE TO A DEPTH OF AT LEAST 2 INCHES BY DISKING, HARROWING OR BY OTHER ACCEPTABLE METHODS UNTIL THE TILLAGE IS SATISFACTORY. ON UNTOPSOILED AREAS, 3:1 AND FLATTER, TILL ONLY AS DIRECTED. ALSO, TILL OR SCARIFY AREAS WHEN THE SURFACE IS GLAZED OR CRUSTED.

CORRECT SURFACE IRREGULARITIES BY FILLING ANY DEPRESSIONS AND LEVELING ROUGH OR UNEVEN AREAS. REMOVE ALL METAL OBJECTS, STONES LARGER THAN 2 INCHES IN ANY DIMENSION AND OTHER DEBRIS OR OBJECTS DEEMED TO BE DETRIMENTAL TO MAINTENANCE OPERATIONS.

(C) SOIL SUPPLEMENTS UNIFORMLY APPLY SUPPLEMENTS TO THE AREAS TO BE SEEDED EXCEPT AREAS TO BE SEEDED WITH FORMULA E. PROPERLY DOCUMENT BULK DELIVERY, AS SPECIFIED IN SECTION 804.2(a)2.

ON TOPSOILED AREAS, BLEND THE INITIAL SOIL SUPPLEMENTS INTO THE SOILS AT LEAST 2 INCHES BY RAKING, DISKING, HARROWING OR BY ANY OTHER ACCEPTABLE METHOD. THE BLENDING OF THE SUPPLEMENTS INTO THE SOIL MAY BE PERFORMED DURING TILLAGE OPERATIONS.

PRIOR TO PROJECT COMPLETION, APPLY SLOW-RELEASE NITROGEN FERTILIZER TO THE SURFACE OF FORMULA A, B, D, L AND W SEEDED AREAS. DO NOT APPLY SLOW-RELEASE NITROGEN FERTILIZER SUPPLEMENT TO FORMULA C SEEDED AREAS.

TEMPORARY SEEDING SPECIFICATIONS		
SEED TYPE	SEEDING DATE	SEEDING RATE LBS PER 1000 SY
FORMULA T	MARCH 15 TO JUNE 1 AUGUST 1 TO OCTOBER 15	10
HAY OR STRAW MULCH*	OCTOBER 15 TO MARCH 1	1200

* HAY OR STRAW SHALL BE USED IN AREAS NEEDING EROSION PROTECTION DURING THE WINTER MONTHS AS SPECIFIED.

A TRACTOR DRAWN IMPLEMENT MAY BE USED TO CRIMP THE STRAW/HAY INTO THE SOIL. THIS METHOD IS LIMITED TO SLOPES NO GREATER THAN 3:1. MACHINERY SHOULD BE OPERATED ON THE CONTOUR. CRIMPING OF HAY/STRAW BY RUNNING OVER IT WITH TRACKED MACHINERY IS NOT RECOMMENDED.

ASPHALT, EITHER EMULSIFIED OR CUT-BACK, CONTAINING NO SOLVENTS OR OTHER DILUTING AGENTS TOXIC TO PLANT OR ANIMAL LIFE, UNIFORMLY APPLIED AT THE RATE OF 31 GALLONS PER 1000 SQ. YARDS MAY BE USED TO TACK MULCH.

SYNTHETIC BINDERS (CHEMICAL BINDERS) MAY BE USED AS RECOMMENDED BY THE MANUFACTURER TO ANCHOR MULCH PROVIDED SUFFICIENT DOCUMENTATION IS PROVIDED TO SHOW THEY ARE NON-TOXIC TO NATIVE PLANT AND ANIMAL SPECIES.

LIGHTWEIGHT PLASTIC FIBER OR PAPER NETS MAY BE STAPLED OVER THE MULCH ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.

APPLY SOIL SUPPLEMENTS AS FOLLOWS, UNLESS OTHERWISE INDICATED:

- PULVERIZED AGRICULTURAL LIMESTONE - 800 LBS PER 1000 SY
- 10-20-20 ANALYSIS COMMERCIAL FERTILIZER - 140 LBS PER 1000 SY
- 38-0-0 UREA FORM FERTILIZER - 50 LBS PER 1000 SY
- OR
- 32-0-0 TO 38-0-0 SULFUR COATED UREA FERTILIZER - 50-59 LBS PER 1000 SY, AS DIRECTED
- OR
- 31-0-0 IBDU FERTILIZER - 81 LBS PER 1000 SY

(D) MAINTENANCE - SATISFACTORILY MAINTAIN GRASS AND LEGUMES AREAS WITHIN GRADING LIMITS, UNTIL THE ENTIRE PROJECT HAS BEEN COMPLETED. MOW AS INDICATED AND DIRECTED.

CONTROL PROHIBITED AND NOXIOUS WEED GROWTH WITHIN THE RIGHT OF WAY BY HERBICIDIC SPRAYING OR CUTTING THESE PLANTS ARE DEFINED BY LAW.

AFTER SEEDING AND SOIL SUPPLEMENTS WORK ON A SLOPE HAS BEEN COMPLETED, IF A SLOPE FAILURE OCCURS, ONE WHICH REQUIRES REDRESSING, EXCAVATION OR ESTABLISHMENT OF A NEW SLOPE, REAPPLY SOIL SUPPLEMENTS THEN RESEED AS SPECIFIED FOR THE ORIGINAL TREATMENT.

SECTION 805 - MULCHING

805.3 - CONSTRUCTION

(A) MULCHING SEEDED AREAS. PLACE MULCH OF THE TYPE INDICATED IMMEDIATELY AFTER SEEDING OR WITHIN 48 HOURS AFTER SEEDING IS COMPLETED UNLESS OTHERWISE INDICATED. PLACE ONLY WOOD OR STRAW FIBER OVER TOPSOILED AREAS. USE HAY, STRAW OR WOOD FIBER IN OTHER AREAS AS INDICATED OR SPECIFIED.

PLACE HAY OR STRAW UNIFORMLY, IN A CONTINUOUS BLANKET, AT A MINIMUM RATE OF 1200 POUNDS PER 1000 SQUARE YARDS OR AS OTHERWISE INDICATED. IF DIRECTED, INCREASE THE RATE OF APPLICATION DEPENDING UPON THE MATERIAL USED, SEASON, SOIL CONDITIONS OR METHOD OF APPLICATION. AN ACCEPTABLE MECHANICAL BLOWER MAY BE USED TO APPLY MULCH. MACHINES WHICH CUT MULCH INTO SHORT PIECES WILL NOT BE PERMITTED. ANCHOR MULCH WITH SPECIFIED MULCH BINDERS APPLIED AT THE FOLLOWING RATES:

- RECYCLED CELLULOSE FIBER - 180 POUNDS PER 1000 SY
- WOOD FIBER - 180 POUNDS PER 1000 SY
- NON-ASPHALTIC EMULSION - AT MANUFACTURER'S RECOMMENDED RATE
- POLYVINYL ACETATE - AT MANUFACTURER'S RECOMMENDED RATE
- RECYCLED CELLULOSE FIBER/WOOD FIBER MIXTURE - 180 POUNDS PER 1000 SY

APPLY WOOD FIBER MULCH HYDRAULICALLY IN ACCORDANCE WITH THE MANUFACTURER'S TANK-MIXING INSTRUCTIONS. IT MAY BE INCORPORATED AS AN INTEGRAL PART OF THE SLURRY AFTER THE SEED AND SOIL SUPPLEMENTS HAVE BEEN THOROUGHLY MIXED. APPLY UNIFORMLY AT THE RATE OF 320 POUNDS PER 1000 SQUARE YARDS UNLESS OTHERWISE INDICATED.

MULCH TEMPORARY SEEDED AREAS WITH HAY.

(B) MULCHING PLANTED AREAS. UNIFORMLY MULCH ENTIRE PLANT PIT BASINS, SHRUB BEDS, AND OTHER AREAS AS DIRECTED TO A LOOSE DEPTH OF 3 INCHES OR AS INDICATED. DO NOT MULCH AREAS PLANTED WITH GROWING OR REFORESTATION AREAS.

PLACE MULCH EITHER BY HAND OR USING MECHANICAL SPREADING EQUIPMENT MANUFACTURED FOR THIS PURPOSE. TEST APPLICATION PROCEDURES TO ENSURE COMPLIANCE WITH DEPTH REQUIREMENTS. REDISTRIBUTE MULCH IN AREAS OF EXCESSIVE DEPTH. APPLY MULCH WITHIN 48 HOURS AFTER COMPLETION OF EACH PLANTED AREA.

(C) MAINTENANCE - PROPERLY MAINTAIN MULCHED AREAS UNTIL THE ENTIRE PROJECT HAS BEEN COMPLETED. PROMPTLY REAPPLY MULCH MATERIALS WHICH BECOME DISLOOSED OR LOST DUE TO WIND, RAIN, FIRE OR OTHER CAUSES. AT INITIAL OR MODIFIED RATES AS DIRECTED.

AFTER MULCHING WORK ON A SLOPE HAS BEEN SATISFACTORILY COMPLETED, IF A SLOPE FAILURE OCCURS, ONE WHICH REQUIRES REDRESSING, EXCAVATION OR THE ESTABLISHMENT OF A NEW SLOPE, REPLACE THE MULCH AS DIRECTED.

CHANNELS AND TOPSOIL STOCKPILES MUST BE SEEDED IMMEDIATELY WITH FORMULA E. ANY DISTURBED AREA ON WHICH ACTIVITY HAS CEASED AND WHICH WILL REMAIN EXPOSED FOR MORE THAN 72 HOURS DURING GERMINATING PERIODS MUST BE MULCHED AT THE RECOMMENDED RATES. DISTURBED AREAS WHICH ARE NOT AT FINISHED GRADE AND WHICH WILL BE RE-DISTURBED WITHIN ONE YEAR MAY BE STABILIZED IN ACCORDANCE WITH TEMPORARY SEEDING SPECIFICATIONS. DISTURBED AREAS WHICH ARE EITHER AT FINISHED GRADE OR WILL NOT BE RE-DISTURBED WITHIN ONE YEAR MUST BE STABILIZED WITH PERMANENT SEEDING.

RECOMMENDED PERMANENT SEEDING FOR THIS SITE IS FORMULA B.

PERMANENT SEEDING SPECIFICATIONS		
SEED TYPE	SEEDING DATE	SEEDING RATE LBS PER 1000 SY
FORMULA B	MARCH 15 TO JUNE 1 AUGUST 1 TO OCTOBER 15	50

SOIL SUPPLEMENTS AND MULCHING RATES		
LIMESTONE LBS PER 1000 SY	FERTILIZER LBS PER 1000 SY	MULCHING STRAW LBS PER 1000 SY
800	140	1200 OR 3 TONS PER ACRE

TEMPORARY STABILIZATION & PERMANENT STABILIZATION

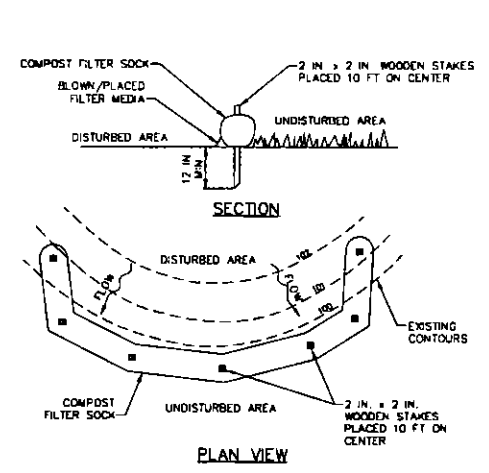
1. HAY OR STRAW MULCH MUST BE APPLIED 1200 LB/1000 SY (3.0 TONS PER ACRE).
2. MULCH WITH MULCH CONTROL NETTING OR EROSION CONTROL BLANKETS MUST BE INSTALLED ON ALL SLOPES 3:1 OR GREATER.
3. STRAW MULCH SHALL BE APPLIED IN LONG STRANDS, NOT CHOPPED OR FINELY BROKEN.
4. ALL SEEDING, SOIL SUPPLEMENTS AND MULCHING ITEMS ARE TO BE PLACED IN ACCORDANCE WITH THE REQUIREMENTS OF PENNDOT PUBLICATION 408 SPECIFICATIONS OR APPROVED SPECIAL PROVISIONS.
5. TOPSOIL STOCKPILES MUST BE SEEDED IMMEDIATELY WITH FORMULA E AND MULCHING.

ACKNOWLEDGMENT AND AGREEMENT FOR ELECTRONIC MEDIA AND PLAN REVISIONS

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NOTES:

SOCK FABRIC SHALL MEET STANDARDS OF TABLE 4.1 OF THE PA DEP EROSION CONTROL MANUAL. COMPOST SHALL MEET THE STANDARDS OF TABLE 4.2 OF THE PA DEP EROSION CONTROL MANUAL.

COMPOST FILTER SOCK SHALL BE PLACED AT EXISTING LEVEL GRADE. BOTH ENDS OF THE BARRIER SHALL BE EXTENDED AT LEAST 6 FEET UP SLOPE AT 45 DEGREES TO THE MAIN BARRIER ALIGNMENT. MAXIMUM SLOPE LENGTH ABOVE ANY BARRIER SHALL NOT EXCEED THAT SPECIFIED FOR THE SIZE OF THE SOCK AND THE SLOPE OF ITS TRIBUTARY AREA.

TRAFFIC SHALL NOT BE PERMITTED TO CROSS COMPOST FILTER SOCKS.

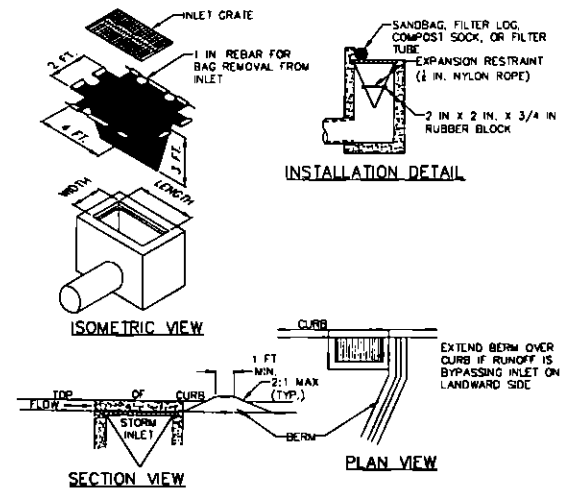
ACCUMULATED SEDIMENT SHALL BE REMOVED WHEN IT REACHES 1/2 THE ABOVE GROUND HEIGHT OF THE BARRIER AND DISPOSED IN THE MANNER DESCRIBED ELSEWHERE IN THE PLAN.

COMPOST FILTER SOCKS SHALL BE INSPECTED WEEKLY AND AFTER EACH RUNOFF EVENT. DAMAGED SOCKS SHALL BE REPAIRED ACCORDING TO MANUFACTURER'S SPECIFICATIONS OR REPLACED WITHIN 24 HOURS OF INSPECTION.

BIODegradable COMPOST FILTER SOCKS SHALL BE REPLACED AFTER 6 MONTHS. PHOTODegradable SOCKS AFTER 1 YEAR. POLYPROPYLENE SOCKS SHALL BE REPLACED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.

UPON STABILIZATION OF THE AREA TRIBUTARY TO THE SOCK, STAKES SHALL BE REMOVED. THE SOCK MAY BE LEFT IN PLACE AND VEGETATED OR REMOVED. IN THE LATTER CASE, THE MESH SHALL BE CUT OPEN AND THE MULCH SPREAD AS A SOIL SUPPLEMENT.

STANDARD CONSTRUCTION DETAIL #4-1
COMPOST FILTER SOCK
NOT TO SCALE



NOTES:

MAXIMUM DRAINAGE AREA = 1/2 ACRE.

INLET PROTECTION SHALL NOT BE REQUIRED FOR INLET TRIBUTARY TO SEDIMENT BASIN OR TRAP. BERMS SHALL BE REQUIRED FOR ALL INSTALLATIONS.

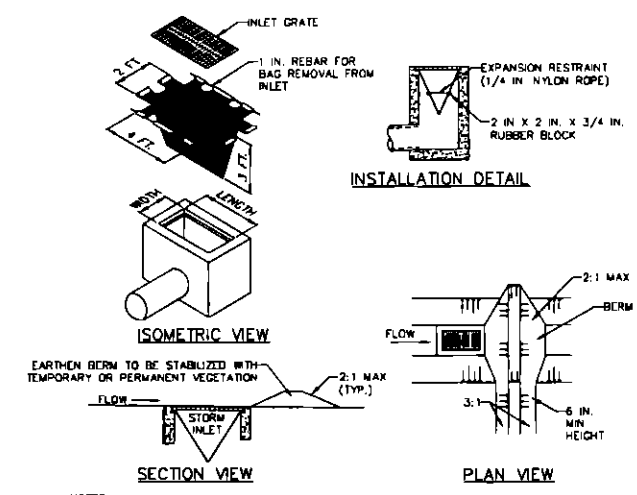
ROLLED EARTHEN BERM SHALL BE MAINTAINED UNTIL ROADWAY IS STONED. ROAD SUBBASE BERM SHALL BE MAINTAINED UNTIL ROADWAY IS PAVED. SIX INCH MINIMUM HEIGHT ASPHALT BERM SHALL BE MAINTAINED UNTIL ROADWAY SURFACE RECEIVES FINAL COAT.

AT A MINIMUM, THE FABRIC SHALL HAVE A MINIMUM GRAB TENSILE STRENGTH OF 120 LBS., A MINIMUM BURST STRENGTH OF 200 PSI, AND A MINIMUM TRAPEZOIDAL TEAR STRENGTH OF 30 LBS. FILTER BAGS SHALL BE CAPABLE OF TRAPPING ALL PARTICLES NOT PASSING A NO. 40 SIEVE.

INLET FILTER BAGS SHALL BE INSPECTED ON A WEEKLY BASIS AND AFTER EACH RUNOFF EVENT. BAGS SHALL BE EMPTIED AND RINSED OR REPLACED WHEN HALF FULL OR WHEN FLOW CAPACITY HAS BEEN REDUCED SO AS TO CAUSE FLOODING OR BYPASSING OF THE INLET. DAMAGED OR CLOGGED BAGS SHALL BE REPLACED. A SUPPLY SHALL BE MAINTAINED ON SITE FOR REPLACEMENT OF BAGS. ALL NEEDED REPAIRS SHALL BE INITIATED IMMEDIATELY AFTER THE INSPECTION. DISPOSE ACCUMULATED SEDIMENT AS WELL AS ALL USED BAGS ACCORDING TO THE PLAN NOTES.

DO NOT USE ON MAJOR PAVED ROADWAYS WHERE PONDING MAY CAUSE TRAFFIC HAZARDS.

STANDARD CONSTRUCTION DETAIL #4-15
FILTER BAG INLET PROTECTION - TYPE C INLET
NOT TO SCALE



NOTES:

MAXIMUM DRAINAGE AREA = 1/2 ACRE.

INLET PROTECTION SHALL NOT BE REQUIRED FOR INLET TRIBUTARY TO SEDIMENT BASIN OR TRAP. BERMS SHALL BE REQUIRED FOR ALL INSTALLATIONS.

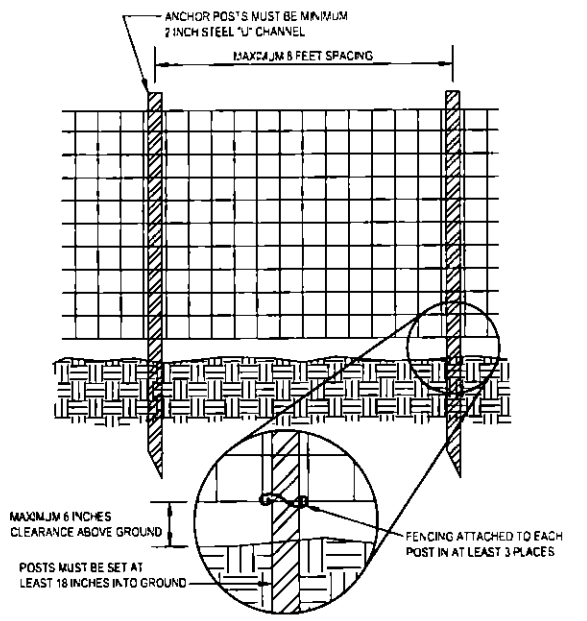
ROLLED EARTHEN BERM IN ROADWAY SHALL BE MAINTAINED UNTIL ROADWAY IS STONED. ROAD SUBBASE BERM ON ROADWAY SHALL BE MAINTAINED UNTIL ROADWAY IS PAVED. EARTHEN BERM IN CHANNEL SHALL BE MAINTAINED UNTIL PERMANENT STABILIZATION IS COMPLETED OR REMAIN PERMANENTLY.

AT A MINIMUM, THE FABRIC SHALL HAVE A MINIMUM GRAB TENSILE STRENGTH OF 120 LBS., A MINIMUM BURST STRENGTH OF 200 PSI, AND A MINIMUM TRAPEZOIDAL TEAR STRENGTH OF 30 LBS. FILTER BAGS SHALL BE CAPABLE OF TRAPPING ALL PARTICLES NOT PASSING A NO. 40 SIEVE.

INLET FILTER BAGS SHALL BE INSPECTED ON A WEEKLY BASIS AND AFTER EACH RUNOFF EVENT. BAGS SHALL BE EMPTIED AND RINSED OR REPLACED WHEN HALF FULL OR WHEN FLOW CAPACITY HAS BEEN REDUCED SO AS TO CAUSE FLOODING OR BYPASSING OF THE INLET. DAMAGED OR CLOGGED BAGS SHALL BE REPLACED. A SUPPLY SHALL BE MAINTAINED ON SITE FOR REPLACEMENT OF BAGS. ALL NEEDED REPAIRS SHALL BE INITIATED IMMEDIATELY AFTER THE INSPECTION. DISPOSE ACCUMULATED SEDIMENT AS WELL AS ALL USED BAGS ACCORDING TO THE PLAN NOTES.

DO NOT USE ON MAJOR PAVED ROADWAYS WHERE PONDING MAY CAUSE TRAFFIC HAZARDS.

STANDARD CONSTRUCTION DETAIL #4-16
FILTER BAG INLET PROTECTION - TYPE M INLET
NOT TO SCALE

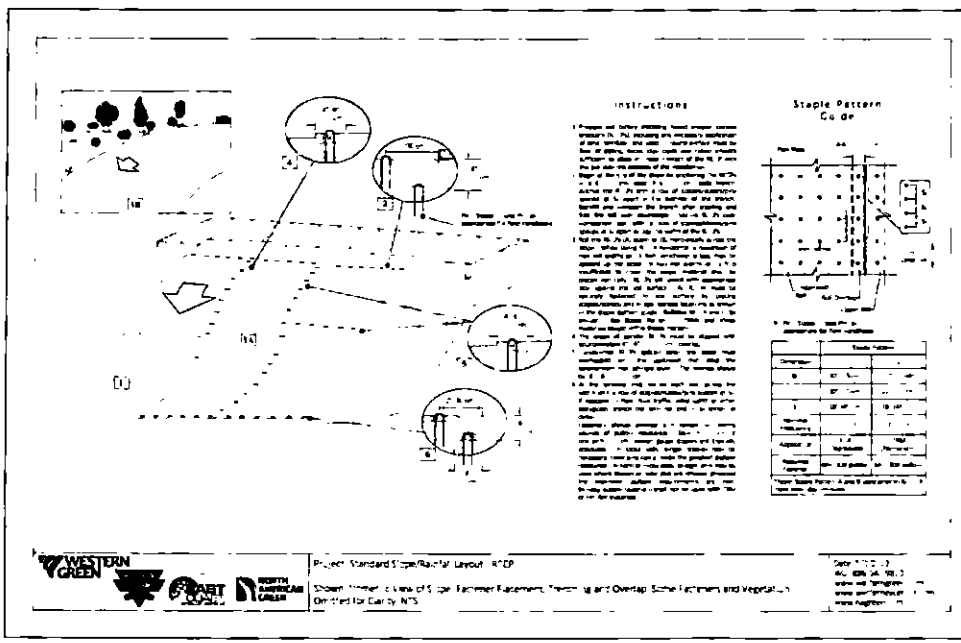


PROTECTION BARRIER SHALL BE 4 FEET HIGH. CONSTRUCTED OF DURABLE AND HIGHLY VISIBLE MATERIAL. (PLASTIC ORANGE CONSTRUCTION FENCE AND SNOW-FENCE MAY BE USED).

PROTECTION BARRIERS SHALL BE MAINTAINED THROUGHOUT THE DURATION OF THE WORK AT THE SITE.

ADDITIONAL WARNING SIGNS SHOULD ALSO BE PLACED ON THE FENCING AND IN APPROPRIATE AREAS NEAR THE WORK ZONE.

BARRIER FENCING
ORANGE SAFETY FENCE DETAIL
N.T.S.



MATERIAL PROPERTY DATA SHEET

WESTERN GREEN BioNet® SC150BN™
Extended Term • Double Net • Coconut/Straw Matrix • Biodegradable • Erosion Control Blanket

DESCRIPTION
SC150BN Extended Term Erosion Control Blanket consists of 30% coconut fibers and 70% weed free agricultural straw manufactured into a continuous matrix. The coconut/straw matrix is confined by a biodegradable, polypropylene net on top and bottom, mechanically (stitch) bound on two-inch centers with a biodegradable cotton thread. SC150BN is intended for slope and channel erosion control applications requiring up to twenty four months of functional longevity. The material is fully degradable. The net, thread, and the fiber matrix is biodegradable. Actual field longevity is dependent on soil and climatic conditions.

Each roll of SC150 is made in the USA and manufactured under Western Green's Quality Assurance Program to ensure a continuous distribution of fibers and consistent thickness.

Material Control	Index Property	Test Method	Typical
Species	Thickness	A 101 36	0.4 in
Moisture	Moisture Content	ASTM D2654	1.5 to 2.0%
Weight	Weight	ASTM D2654	1.5 to 2.0 lbs/sq yd
Strength	Tensile Strength	ASTM D2654	1.5 to 2.0 lbs/sq yd
Staple	Staple Strength	ASTM D2654	1.5 to 2.0 lbs/sq yd
Staple	Staple Length	ASTM D2654	1.5 to 2.0 in
Staple	Staple Spacing	ASTM D2654	1.5 to 2.0 in
Staple	Staple Diameter	ASTM D2654	1.5 to 2.0 mm
Staple	Staple Weight	ASTM D2654	1.5 to 2.0 lbs/sq yd
Staple	Staple Density	ASTM D2654	1.5 to 2.0 lbs/sq yd
Staple	Staple Volume	ASTM D2654	1.5 to 2.0 lbs/sq yd
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Staple	Staple Density	ASTM D26	

DISTRICT	COUNTY	ROUTE	SECTION	SHEET
4-0	LUZERNE	2019	---	27 OF 29
TOWNSHIP OF PITTSSTON				
REVISION NUMBER	REVISIONS	DATE	BY	
1	PER PENNDOT REVIEW EMAIL OF 04-13-2026	04-20-2026	GK	

LEGEND

- PROPERTY BOUNDARY
- ROAD RIGHT-OF-WAY
- RAILROAD RIGHT-OF-WAY
- EXISTING MINOR CONTOUR
- EXISTING MAJOR CONTOUR
- EXISTING CURB
- EXISTING GUIDERAIL
- EXISTING UTILITY POLE
- EXISTING GAS LINE
- EXISTING WATER LINE
- EXISTING SANITARY MAIN
- EXISTING STORM PIPING
- EXISTING INLET (TYPE C)
- EXISTING INLET (TYPE M)
- PROPOSED CONTOUR
- PROPOSED STORM PIPE
- PROPOSED INLET TOP (TYPE C)
- PROPOSED PAVEMENT BASE DRAIN

E & S LEGEND

- 18" DIA. COMPOST FILTER SOCK
- ORANGE PROTECTION FENCING
- INLET PROTECTION (TYPE C FILTER BAG)
- INLET PROTECTION (TYPE M FILTER BAG)
- COMPOST FILTER SOCK CHECK DAM
- EROSION CONTROL BLANKET (NAG SC1508N)
- LIMIT OF DISTURBANCE

HPIII LEHIGH VALLEY 1120 LLC DRIVEWAY
 HOP APPLICANT: CASEY
 HOP APPLICATION NO. 10075812
 HOP PERMIT NO. 04033975

Lands of
 HPIII Lehigh Valley 1120 LLC
 PIN: 51-E12-00A-01Y-000

Lands of
 GREATER WYOMING VALLEY AREA YMCA
 PIN: 51-E12-00A-01K-000

Lands of
 READING, BLUE MOUNTAIN & NORTHERN RAILROAD
 PIN: 51-E12-00A-00C-000

LIMIT OF ROAD RECONSTRUCTION
 STA. 3+18
 SEG. 0010 OFFSET 1932
 S.R. 2019

Lands of
 CARMEN CAPITANO
 PIN: 51-E12-00A-01N-000

LIMIT OF ROAD RECONSTRUCTION
 STA. 5+43
 SEG. 0010 OFFSET 1707
 S.R. 2019

Lands of
 RT ENTERPRISES OF PITTSSTON PA LLC
 PIN: 51-F12-00A-009-000

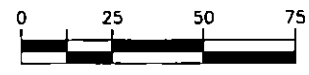
START WORK
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 SEG. 0010 OFFSET 1948.41
 S.R. 2019

Lands of
 READING, BLUE MOUNTAIN & NORTHERN RAILROAD
 PIN: 51-E12-00A-00C-000

Lands of
 NAMA STATE LP
 PIN: 51-F12-001-10B-000

LIMIT OF DISTURBANCE
 = 15,546 S.F.±
 (0.3569 AC.±)

STOP WORK
 STA. 5+88.39
 SEG. 0010 OFFSET 1702.43
 S.R. 2019



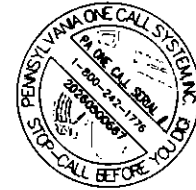
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PLAN

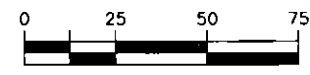
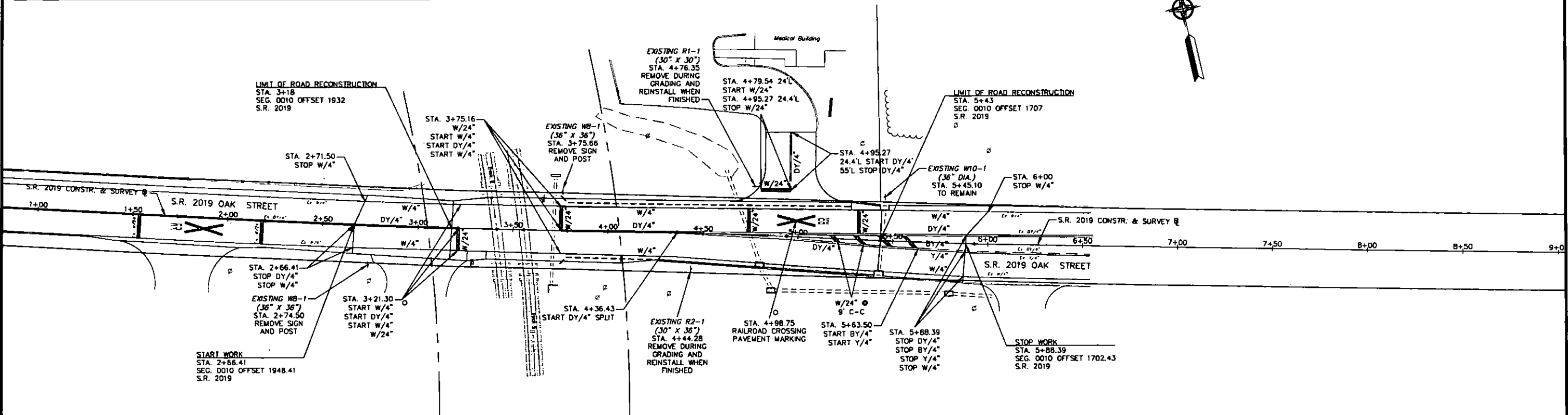
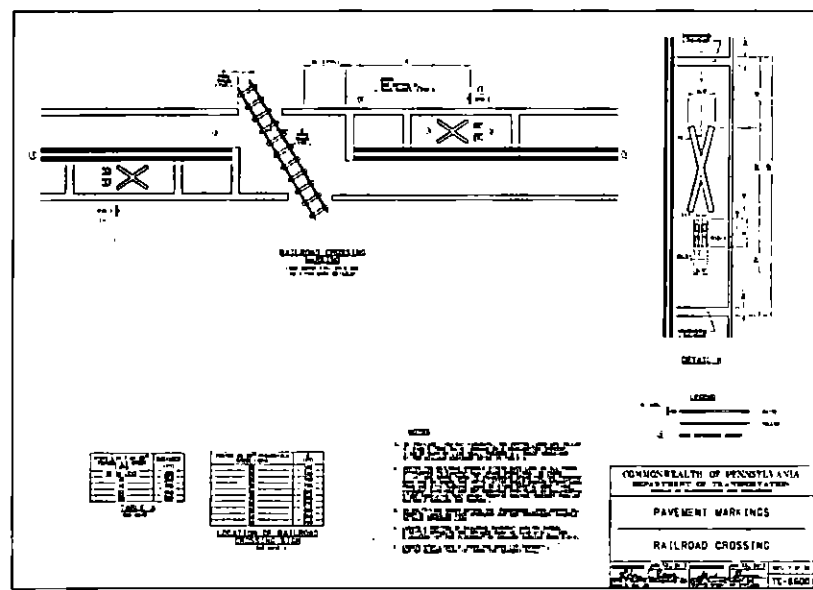


ACKNOWLEDGMENT AND AGREEMENT FOR ELECTRONIC MEDIA AND PLAN INFORMATION
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DISTRICT	COUNTY	ROUTE	SECTION	SHEET
4-0	LUZERNE	2019	---	28 OF 29
TOWNSHIP OF PITTSBURGH				
REVISION NUMBER	REVISIONS	DATE	BY	
1	PER PENNDOT REVIEW EMAIL OF 04-13-2025	04-20-2025	GK	



PLAN

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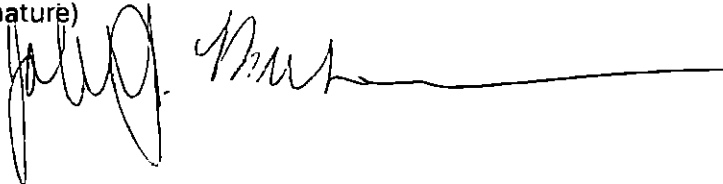


VERIFICATION

I, Jolene F. Busher, hereby state that the facts above set forth are true and correct (or are true and correct to the best of my knowledge, information and belief) and that I expect to be able to prove the same at a hearing held in this matter. I understand that the statements herein are made subject to the penalties of 18 Pa. C.S. § 4904 (relating to unsworn falsification to authorities).

Date: April 28, 2026

(Signature)

A handwritten signature in black ink, appearing to read "Jolene F. Busher", followed by a long horizontal line extending to the right.

DATE OF DEPOSIT

APR 28 2026

PA Public Utility Commission
Secretary's Bureau

Certificate of Service

I hereby certify that I have this day served a true and correct copy of the foregoing Request for Extension upon parties of record in this proceeding in accordance with the requirements of 52 PA Code 1.54 (relating to service by a participant), in the manner and upon persons listed below.

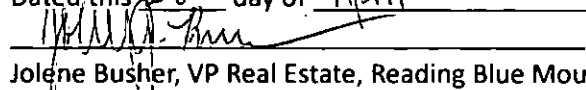
Rosemary Chiavetta, Secretary
Commonwealth of Pennsylvania
Pennsylvania Public Utility Commission
PO Box 3265
Harrisburg, PA 17105-3265

Grant Rosul, Prosecutor
Pennsylvania Public Utility Commission
grosul@pa.gov

William M. Sinick, P.E., Rail Safety Division
wilsinick@pa.gov

John Pfeiffer, PennDOT District 4-0
jopfeiffer@pa.gov

Dated: this 28 day of April, 2026.


Jolene Busher, VP Real Estate, Reading Blue Mountain & Northern Railroad

DATE OF DEPOSIT

APR 28 2026

PA Public Utility Commission
Secretary's Bureau

Reading & Northern Railroad
1 Railroad Blvd.
PO Box 218
Port Clinton, PA 19549
Attn: Jolene Busher

CERTIFIED MAIL



7019 0700 0001 6049 8495

FIRST-CLASS



US POSTAGE™PITNEY BOWES

ZIP 19549
02 75
0006100809 \$ 014.140
APR 28 2026

RECEIVED

MAY 04 2026

PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

Rosemary Chiavetta, Secretary
Commonwealth of PA
PA Public Utility Commission
PO Box 3265
Harrisburg, PA 17105-3265



CMPC

717-705-1952

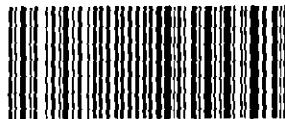
To: CHIAVETA, R. PUC

Agency: PUC

Floor:

External Carrier: PRIORITY

5/4/2026 9:09:59 AM



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