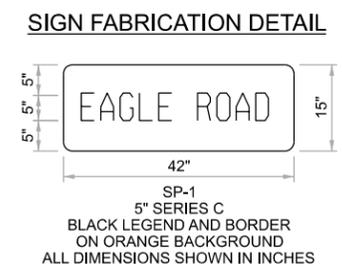
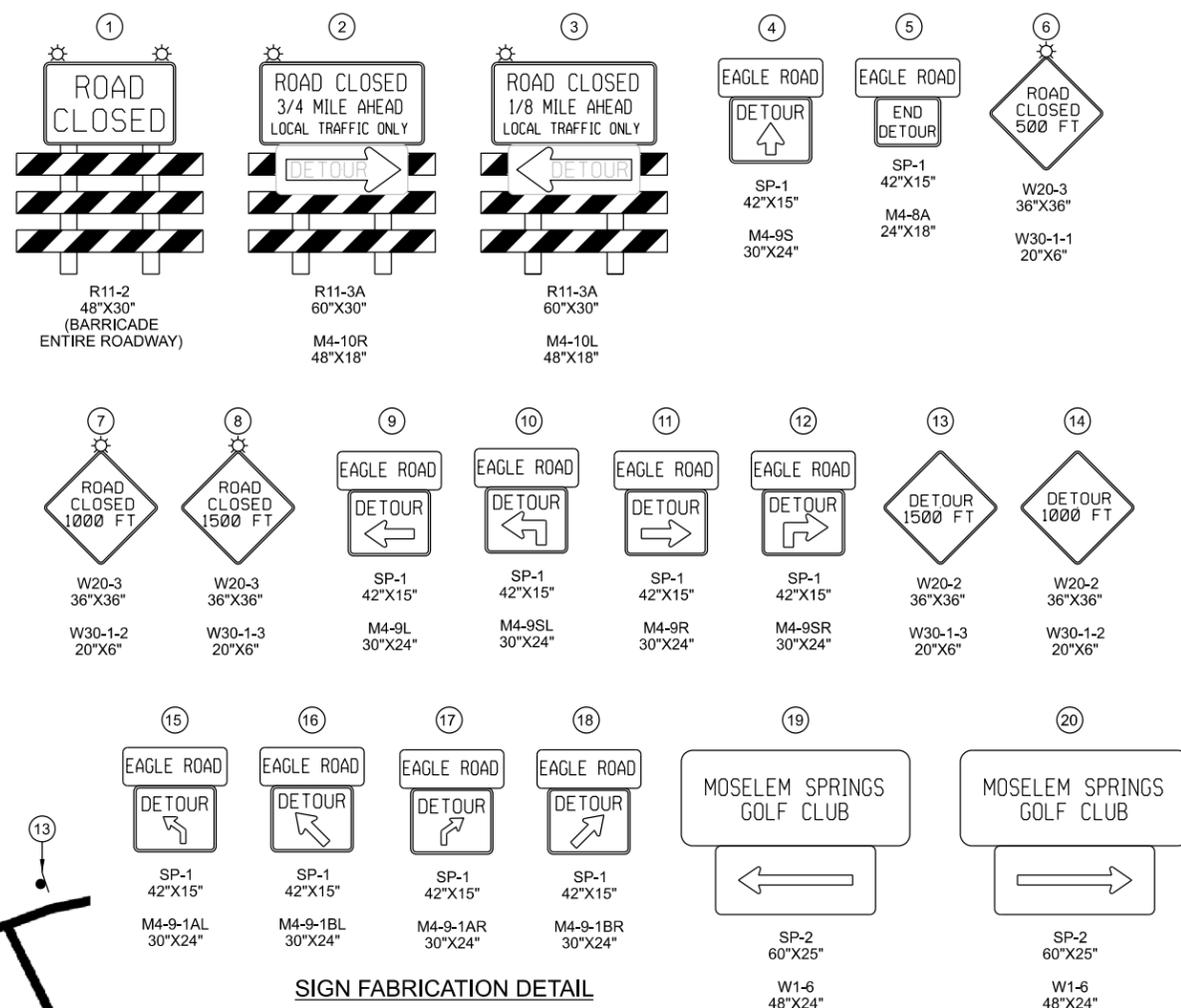
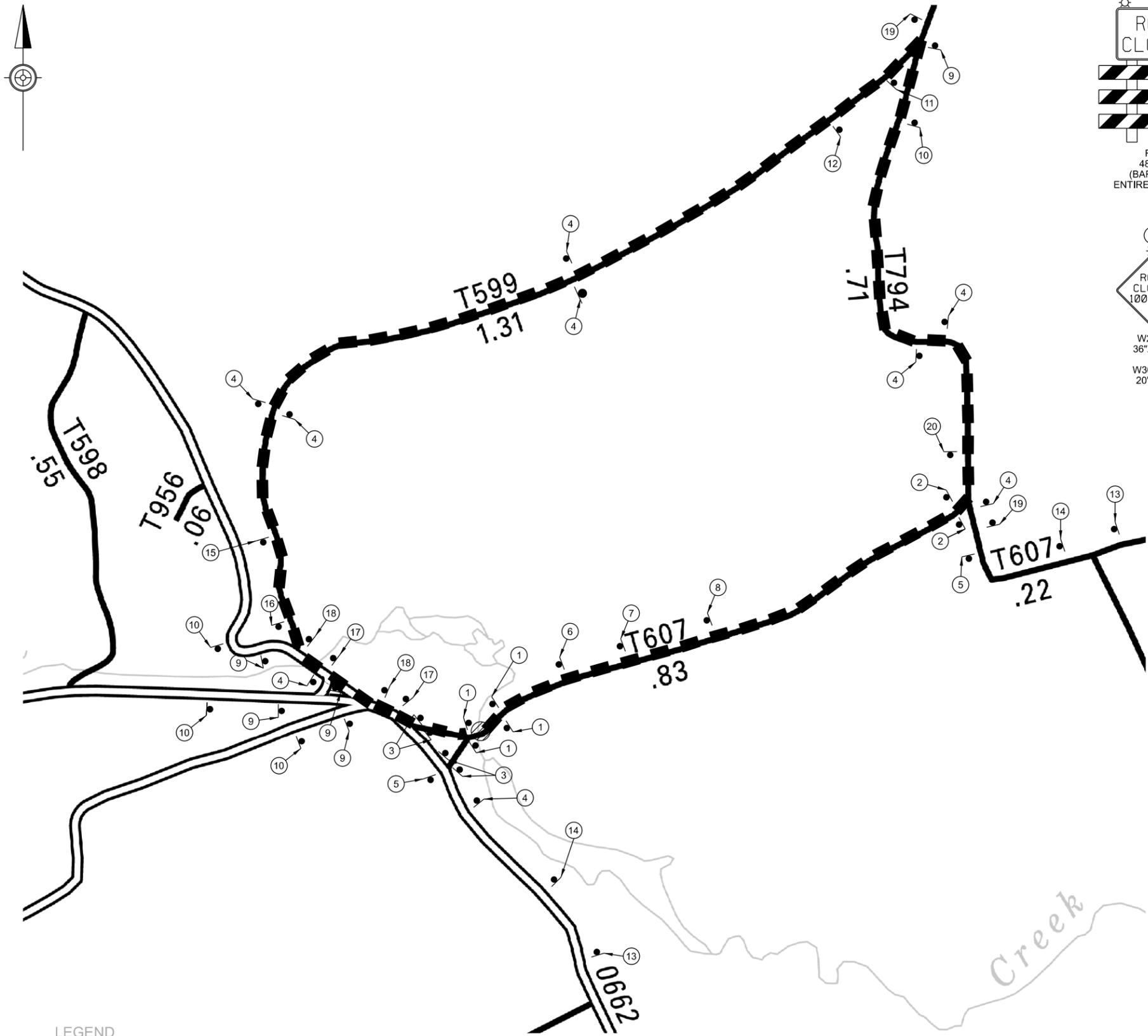


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M-	4.3		
O-	3.8		
S-	3.8	12.2	
E-	3.3	G-	3.6
L-	3.3	O-	3.9
E-	3.3	L-	3.3
M-	3.3	F-	2.5
	7.5		8.8
S-	3.8	C-	3.6
P-	3.8	L-	3.3
R-	3.8	U-	3.8
I-	1.8	B-	2.8
N-	3.8		12.2
G-	3.6	TOTAL	60
S-	2.8		
	2.0		
TOTAL	60		

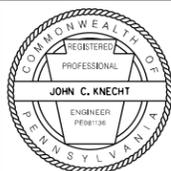
	1.8		
E-	3.1		
A-	4.0		
G-	3.8		
L-	3.3		
E-	2.5		
	7.5		
R-	3.6		
O-	3.8		
A-	4.0		
D-	2.8		
	1.8		
TOTAL	42		

**LEGEND**

- SIGN
- DETOUR ROUTE
- ▨ AREA OF CLOSURE
- ☼ TYPE "B" LIGHT

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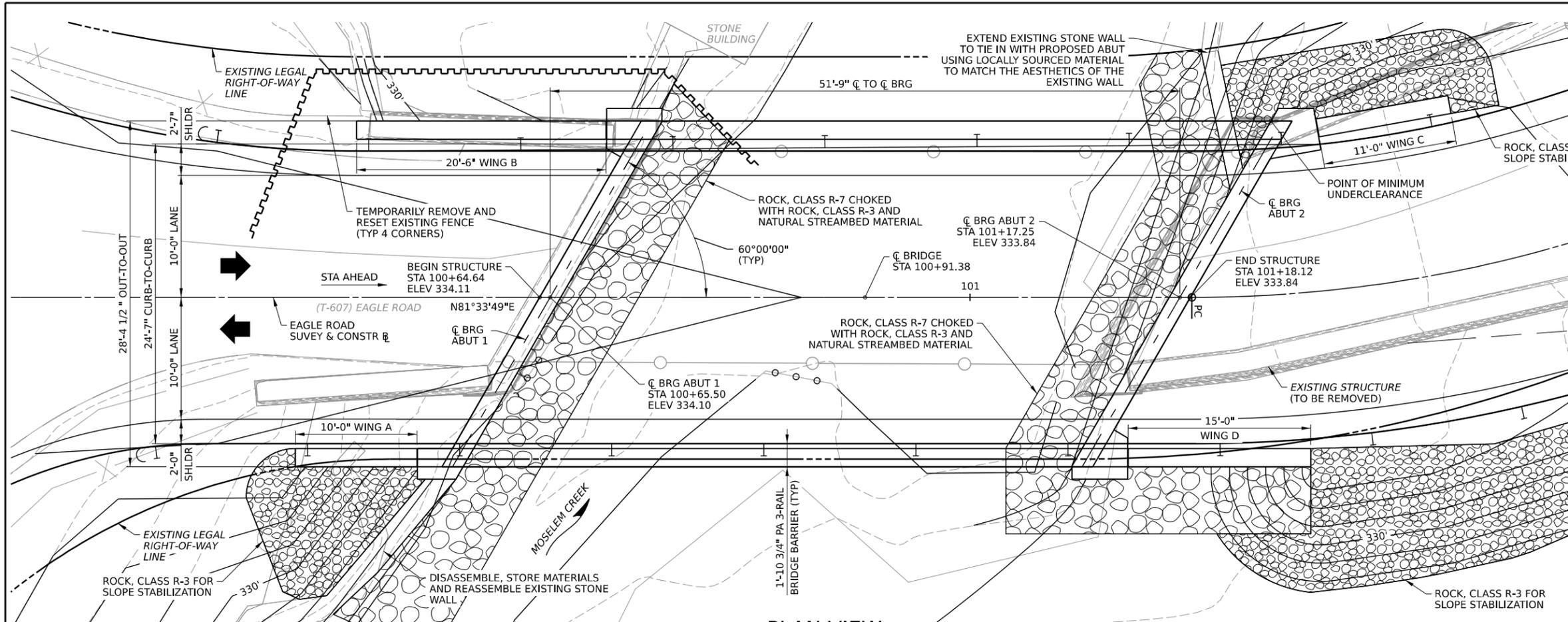


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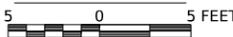
**STRUCTURE REPLACEMENT  
 EAGLE ROAD (T-607)  
 OVER MOSELEM CREEK  
 TRAFFIC CONTROL PLANS  
 SIGNING & DETOUR PLAN**  
 Richmond Township, Berks County, Pennsylvania

Drawn: AJP	Designed: AJP	Checked: JCK
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Scale: AS NOTED	Date: 6/5/2025	Project No.: 0325-200030.00	Sheet No.: 2 OF 2
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PLAN VIEW



**EXISTING STRUCTURE**  
 STA 100+91.80  
 SINGLE SPAN PONY TRUSS  
 SKEW = 60°00'00"±  
 ROADWAY WIDTH = 17'-6"±  
 OUT-TO-OUT WIDTH = 21'-6"±  
 STRUCTURE LENGTH = 50'-0"±

**PROPOSED STRUCTURE**  
 STA 100+91.38  
 SINGLE SPAN COMPOSITE CONCRETE DECK  
 ON P/S CONCRETE ADJ BOX BEAM BRIDGE  
 SKEW = 60°00'00"  
 SPAN = 51'-9" (C BRG TO C BRG)  
 CLEAR ROADWAY WIDTH = 24'-7"  
 OUT TO OUT WIDTH = 28'-4 1/2"

**EXISTING HYDRAULIC DATA**  
 DRAINAGE AREA = 11.5 SQ MI  
 DESIGN FLOOD = 25 YEARS  
 MAGNITUDE = 1350 CFS  
 VELOCITY = 2.81 FPS  
 WS ELEV = 330.92  
 100 YR FLOOD RISK ASSESSMENT  
 MAGNITUDE = 2110 CFS  
 VELOCITY = 2.00 FPS  
 WS ELEV = 332.52

**PROPOSED HYDRAULIC DATA**  
 DRAINAGE AREA = 11.5 SQ MI  
 DESIGN FLOOD = 25 YEARS  
 MAGNITUDE = 1350 CFS  
 VELOCITY = 2.82 FPS  
 WS ELEV = 330.83  
 100 YR FLOOD RISK ASSESSMENT  
 MAGNITUDE = 2110 CFS  
 VELOCITY = 2.00 FPS  
 WS ELEV = 332.52

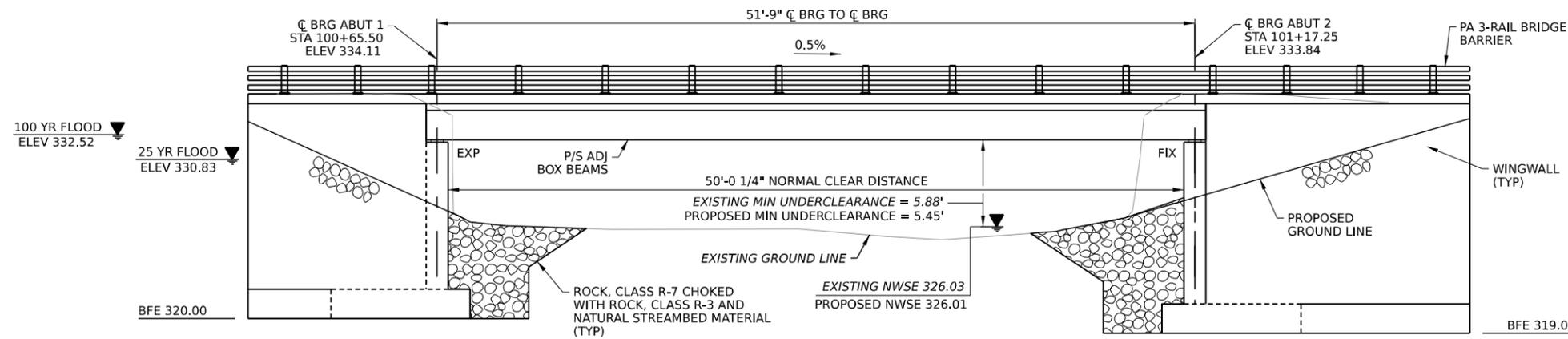
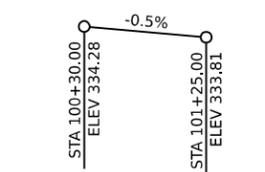
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- 330 — - EXISTING MAJOR CONTOUR
- - - 330 - - - EXISTING MINOR CONTOUR
- 330 — - PROPOSED MAJOR CONTOUR
- - - 330 - - - PROPOSED MINOR CONTOUR
- ➔ - DIRECTION OF TRAFFIC
- ➔ - EXISTING STREAM FLOW
- ○ ○ - EXISTING EDGE OF STREAM
- - - - LEGAL RIGHT-OF-WAY LINE
- ▬▬▬ - TEMPORARY EXCAVATION SUPPORT
- | | | - GUIDERAIL
- BFE - BOTTOM OF FOOTING ELEVATION

**EAGLE ROAD CONSTRUCTION & HORIZONTAL CURVE DATA**

TANGENT SECTION  
 N81°33'49"E

**EAGLE ROAD CONSTRUCTION & VERTICAL CURVE DATA**



ELEVATION VIEW

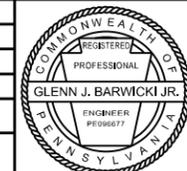


PA 3-RAIL BRIDGE BARRIER	BC-706M	10/07/24
ANCHOR SYSTEMS	BC-734M	02/19/21
WALL CONSTRUCTION AND EXPANSION JOINT DETAILS	BC-735M	09/30/16
REINFORCEMENT BAR FABRICATION DETAILS	BC-736M	11/23/22
BRIDGE DRAINAGE	BC-751M	01/31/19
CONCRETE DECK SLAB DETAILS	BC-752M	11/23/22
BEARINGS	BC-755M	01/31/19
MISCELLANEOUS PRESTRESS DETAILS	BC-775M	11/23/22
TYPICAL WATERPROOFING AND EXPANSION DETAILS	BC-788M	11/23/22
POST-TENSIONING OF CONCRETE GIRDERS GROUT SPECIFICATIONS	BC-790M	01/31/19
CLASSIFICATION OF EARTHWORK FOR STRUCTURES	RC-11M	06/01/10
BACKFILL AT STRUCTURES	RC-12M	11/01/22
GUIDE RAIL TO BRIDGE BARRIER TRANSITIONS	RC-50M	12/18/24
TYPE 31 STRONG POST GUIDE RAIL	RC-51M	12/18/24
DESCRIPTION	DWG. NO.	APP. DATE

**SUPPLEMENTAL DRAWINGS**

- NOTES:**
- FOR TYPICAL SECTION, SEE SHEET 2.
  - FOR ROADWAY PROFILE, SEE SHEET 3.
  - FOR ROADWAY PLAN, SEE SHEET 4.

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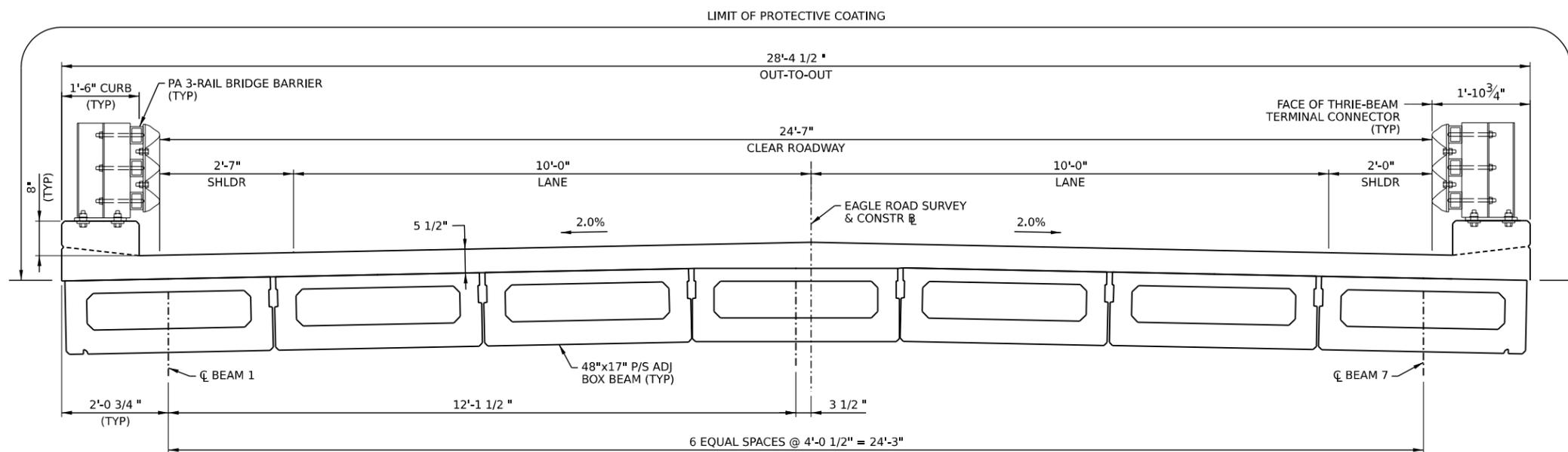
**STRUCTURE REPLACEMENT  
 EAGLE ROAD (T-607)  
 OVER MOSELEM CREEK  
 GENERAL PLAN & ELEVATION**

Richmond Township, Berks County, Pennsylvania

Drawn: KMM	Designed: KMM	Checked: GJB
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**TYPICAL SECTION**

(LOOKING AHEAD STATION)

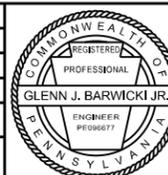


**NOTES:**

1. FOR GENERAL PLAN, SEE SHEET 1.
2. FOR ROADWAY PROFILE, SEE SHEET 3.
3. FOR ROADWAY PLAN, SEE SHEET 4.

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**STRUCTURE REPLACEMENT  
 EAGLE ROAD (T-607)  
 OVER MOSELEM CREEK  
 TYPICAL SECTION**

Richmond Township, Berks County, Pennsylvania

Drawn: KMM    Designed: KMM    Checked: GJB

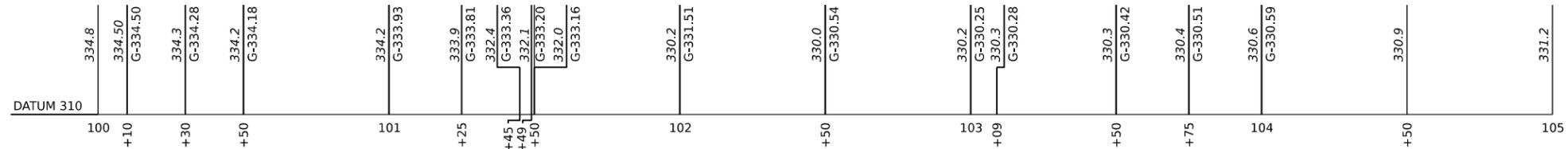
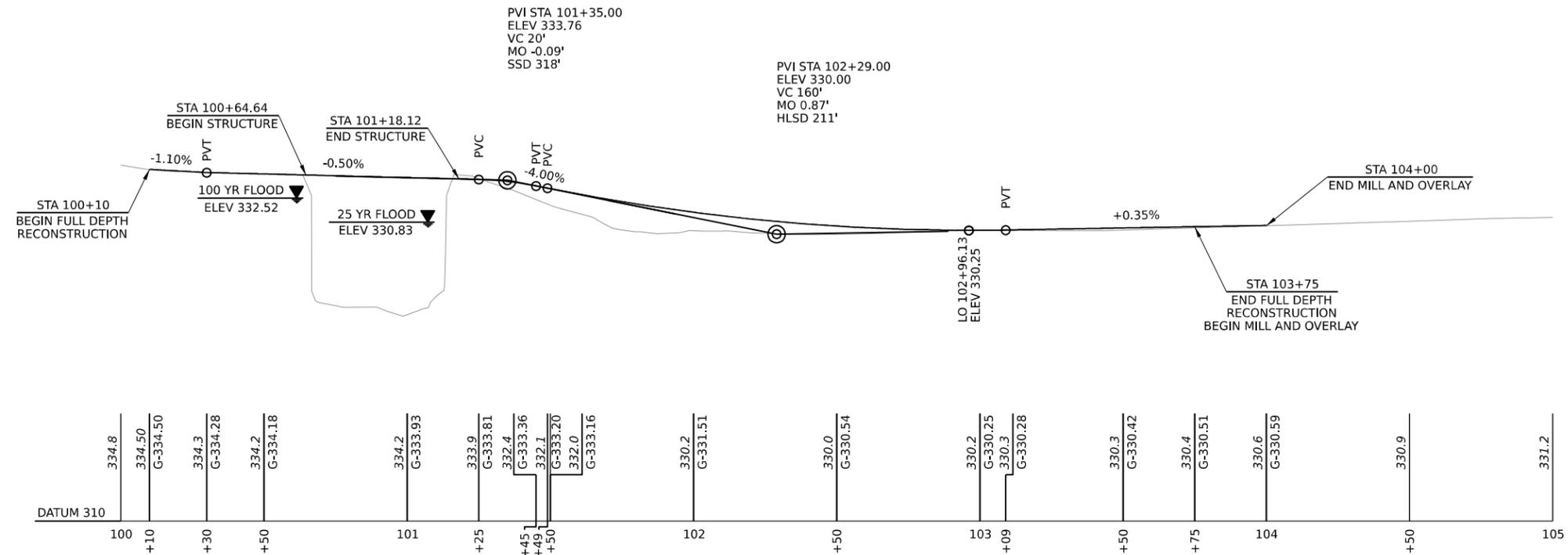
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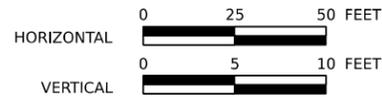
Date: 2/2/26

Project No.: 0325-200030.00

Sheet No.: 2 OF 4

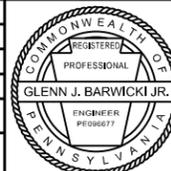


**EAGLE ROAD PROFILE**



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**STRUCTURE REPLACEMENT  
EAGLE ROAD (T-607)  
OVER MOSELEM CREEK  
ROADWAY PROFILE**

Richmond Township, Berks County, Pennsylvania

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\*USERCFG\*    \*USER\*    \*DATE\*    \*TIME\*    \*FILE\*

Scale: AS NOTED

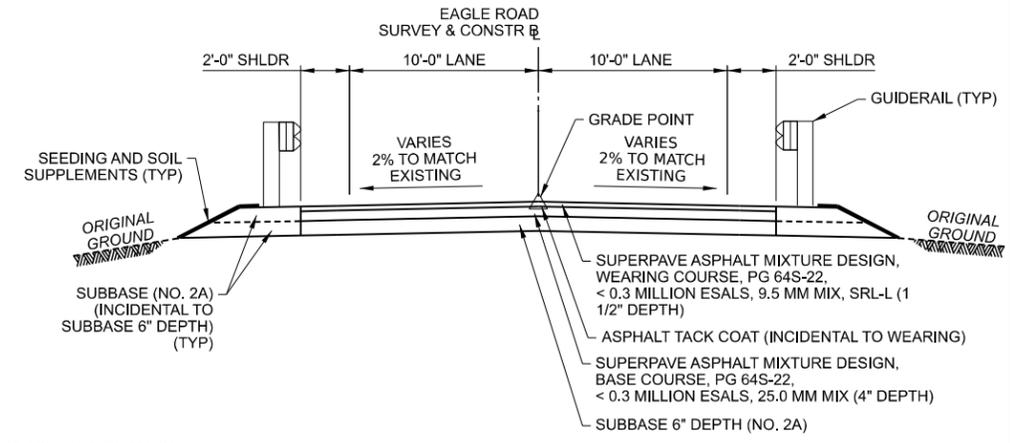
Date: 2/2/26

Project No.: 0325-200030.00

Sheet No.: 3 OF 4

CONTROL POINT	TYPE	COORDINATES	
		NORTHING	EASTING
CP NO 1	IP	430475.2520	2496994.4900
CP NO 2	IP	430011.7180	2496979.4190
CP NO 3	MAG	430584.2400	2496805.7360
CP NO 4	MAG	430644.3730	2497019.5180

FOUR PLACE COORDINATES ARE FOR COMPUTATIONAL PURPOSES ONLY AND DO NOT IMPLY PRECISION BEYOND TWO DECIMAL PLACES.



**TYPICAL ROADWAY SECTION**

NOTE: PROVIDE DOUBLE YELLOW LINE PAINTING ENTIRE LENGTH OF NEW PAVING.

**SUMMARY OF PROJECT COORDINATES**

HORIZONTAL DATUM IS BASED ON PA STATE PLANE COORDINATE SYSTEM NAD 82 (2011) VERTICAL DATUM BASED ON NAVD 88

EAGLE ROAD SURVEY & CONSTR	STATION	POINT	COORDINATES		BEARING
			NORTHING	EASTING	
	100+00.00	POB	430586.9431	2496834.8573	N81°33'49"E
	101+18.25	PC	430604.2911	2496951.8237	
	101+71.86	PI	430612.1567	2497004.8562	
	102+18.02	PT	430658.7747	2497031.3341	N29°35'44"E
	103+03.07	PC	430732.7329	2497073.3406	
	103+82.15	PI	430801.4894	2497112.3927	
	104+57.88	PT	430842.9311	2497179.7361	N58°23'34"E
	105+63.27	POE	430898.1657	2497269.4932	

FOUR PLACE COORDINATES ARE FOR COMPUTATIONAL PURPOSES ONLY AND DO NOT IMPLY PRECISION BEYOND TWO DECIMAL PLACES.

**PROPOSED SURVEY ELEVATION TABLE**

STATION	ELEVATION
100+10.00	334.50
100+30.00	334.28
100+50.00	334.18
100+64.64	334.11
101+18.12	333.84
101+20.00	333.83
101+40.00	333.53
101+60.00	332.77
101+80.00	332.09
102+00.00	331.51
102+20.00	331.04
102+40.00	330.68
102+60.00	330.43
102+80.00	330.29
103+00.00	330.25
103+20.00	330.31
103+40.00	330.38
103+60.00	330.45
103+80.00	330.52
104+00.00	330.59

**HORIZONTAL ALIGNMENT CURVE DATA**

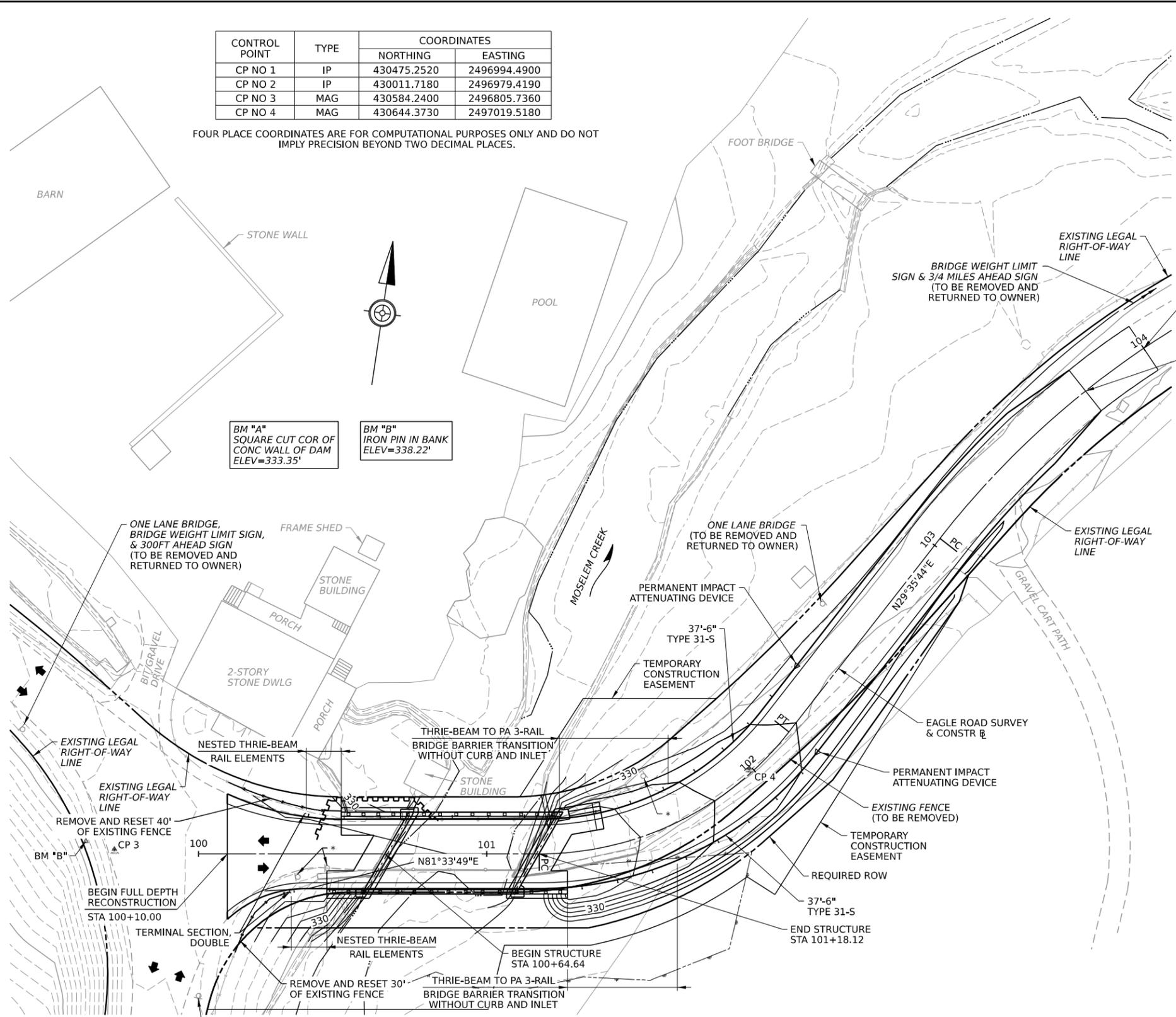
PI STA 101+71.86 Δ = 51°58'05"L D = 52°05'13" T = 53.61 L = 99.77 R = 110.00 E = 12.37 PC STA 101+18.25 PT STA 102+18.02	PI STA 103+82.15 Δ = 28°47'50"R D = 18°36'09" T = 79.07 L = 154.80 R = 308.00 E = 9.99 PC STA 103+03.07 PT STA 104+57.88
--	--

**LEGEND**

- 330 - EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- 330 - PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- DIRECTION OF TRAFFIC
- EXISTING STREAM FLOW
- EXISTING EDGE OF STREAM
- LEGAL RIGHT-OF-WAY LINE
- REQUIRED ROW LINE
- TEMPORARY EXCAVATION SUPPORT
- SELECTED BORROW EXCAVATION ROCK (SEE SHEET 1 FOR SIZE)
- PROPOSED GUIDERAIL

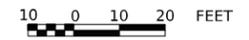
**RIGHT-OF-WAY NOTES:**

CONTRACTOR MUST KEEP ALL PERMANENT WORK WITHIN THE EXISTING RIGHT-OF-WAY AND REQUIRED RIGHT-OF-WAY.  
CONTRACTOR MUST KEEP ALL TEMPORARY WORK WITHIN THE EXISTING RIGHT-OF-WAY AND TEMPORARY CONSTRUCTION EASEMENT.



**ROADWAY PLAN**

(ROCK FOR SLOPE STABILIZATION AND SCOUR PROTECTION NOT SHOWN FOR CLARITY)



- NOTES:**
- FOR GENERAL PLAN, SEE SHEET 1.
  - FOR TYPICAL SECTION, SEE SHEET 2.
  - FOR ROADWAY PROFILE, SEE SHEET 3.

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**STRUCTURE REPLACEMENT  
EAGLE ROAD (T-607)  
OVER MOSELEM CREEK  
ROADWAY PLAN**

Richmond Township, Berks County, Pennsylvania

Drawn: KMM	Designed: KMM	Checked: GJB
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