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State of Vermont
Contract Administration
Barre City Place
219 North Main Street, Suite 105
Barre VT 05641
http://vtrans.vermont.gov

Agency of Transportation
Finance & Administration
[phone] 802-622-1285
[ttd] 800-253-0191

November 6, 2026

C03295 – Plymouth ER P23-1(327) and Plymouth ER P23-1(328)

Addendum 1

Bidders:

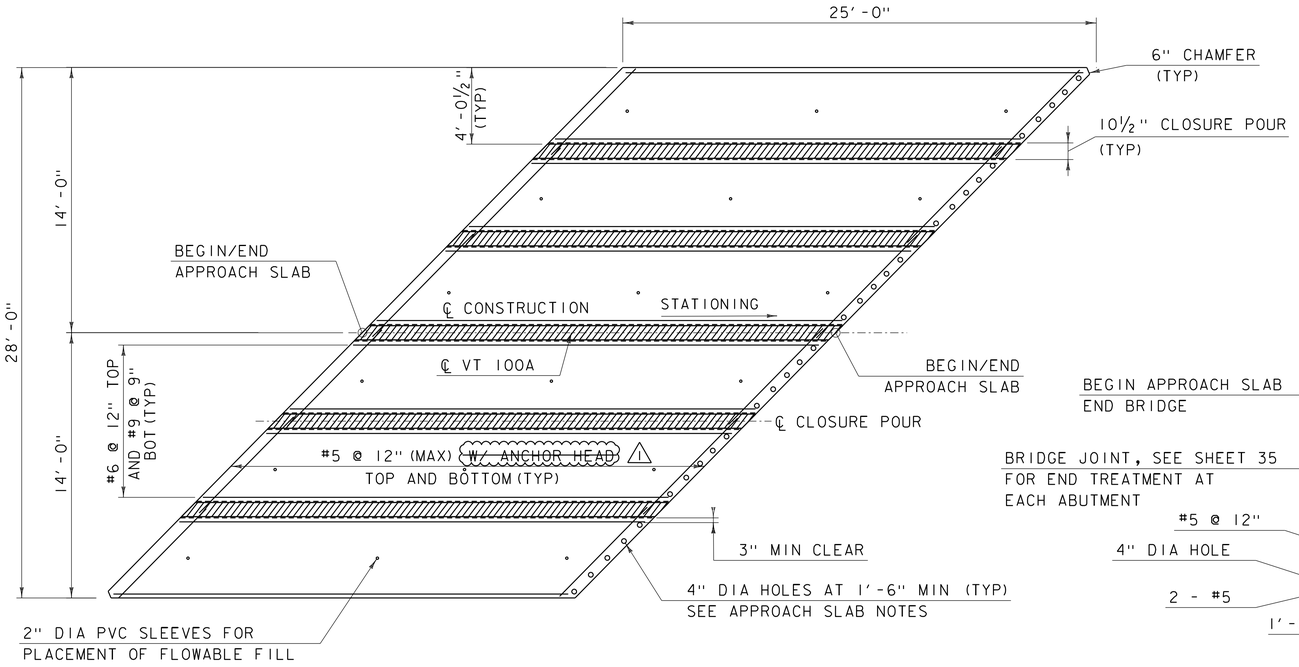
Changes have been made to the documents located on the Bid Opportunity website as noted below:

REVISED: Plan Sheets 40, 41, 43, 89, 90, and 92.

ADDED: None.

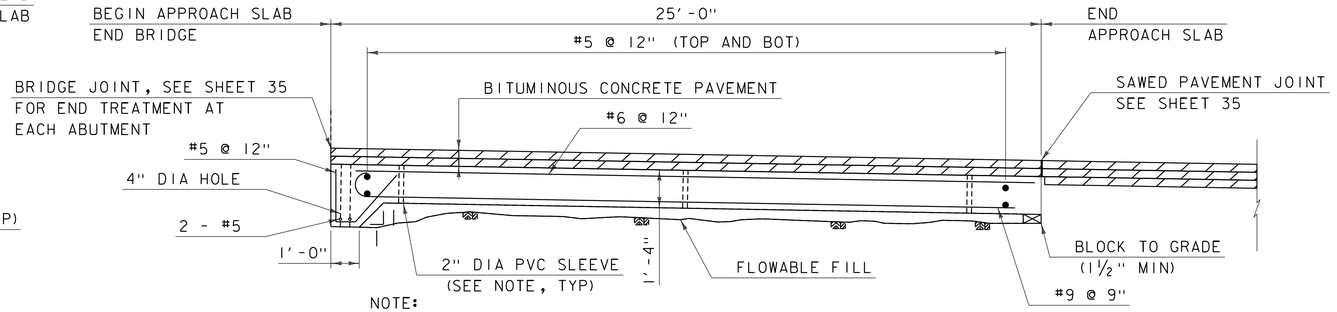
DELETED: None.

ADDENDUM	REVISION	PLOT DATE	DESCRIPTION	BY
⚠	1	11/6/2026	REMOVED "W/ ANCHOR HEAD"	MAC



APPROACH SLAB PLAN

SCALE ¼" = 1'-0"



NOTE:

PVC SLEEVES TO BE INCLUDED IN APPROACH SLABS TO FACILITATE PLACEMENT OF FLOWABLE FILL, IF USED.

APPROACH SLAB TYPICAL SECTION

SCALE: ⅜" = 1'-0"

APPROACH SLAB NOTES:

1. LIFTING DEVICES AND ANY ASSOCIATED REINFORCEMENT SHALL BE DETERMINED BY THE FABRICATOR AND SHOWN IN THE FABRICATION DRAWINGS. LIFTING DEVICES SHALL BE LIMITED TO FOUR (4) PER PANEL, AND SHALL BE RECESSED AND GROUTED AFTER INSTALLATION OF THE SLABS.
2. THE LOCATION OF THE 4" DIAMETER HOLES CAST THROUGH THE BRIDGE-END OF THE APPROACH SLABS SHALL BE COORDINATED WITH THE REINFORCING STEEL EXTENDING FROM THE ABUTMENTS. SEE SHEET 46 FOR LOCATION OF REINFORCING.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING UNIFORM CONTACT BETWEEN THE APPROACH SLAB AND THE SUBBASE MATERIAL TO THE SATISFACTION OF THE ENGINEER. THE FABRICATION DRAWINGS SHALL INDICATE THE MEANS AND METHODS NECESSARY TO INSTALL THE APPROACH SLABS TO THE ELEVATIONS SPECIFIED. 2" DIA PVC SLEEVES NECESSARY FOR PLACEMENT OF FLOWABLE FILL, IF USED, WILL BE PAID FOR UNDER ITEM 540.1000 PRECAST CONCRETE STRUCTURE (APPROACH SLAB 1 - BRIDGE 4) OR ITEM 540.1000 PRECAST COCNRETE STRUCTURE (APPROACH SLAB 2 - BRIDGE 4).
4. REINFORCING IN THE CLOSURE POUR WILL BE PAID FOR UNDER ITEM 507.1200 REINFORCING STEEL, LEVEL II.

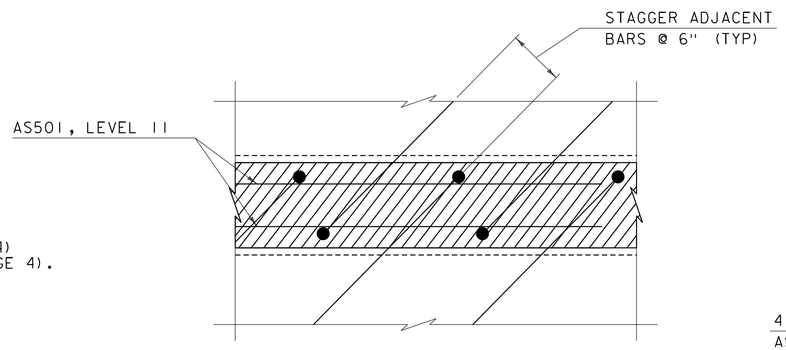
APPROACH SLAB ELEVATIONS

(ALL ELEVATIONS ARE TOP OF SLAB)

LOCATION	LT EDGE	℄ VT 100A	RT EDGE
BEGIN A.S. #1	1231.42	1231.95	1231.91
END A.S. #1	1230.99	1231.51	1231.47
BEGIN A.S. #2	1230.24	1230.76	1230.72
END A.S. #2	1229.80	1230.32	1230.28

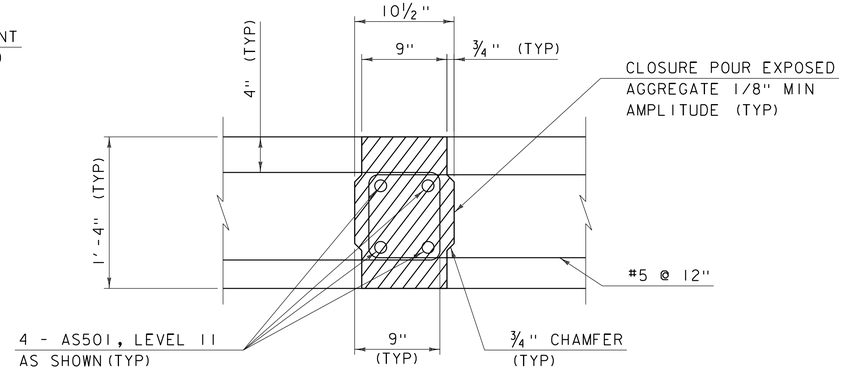
NOTE:

APPROACH SLAB FOLLOWS SAME CROSS SLOPE AS BRIDGE TYPICAL SECTION.



CONNECTION DETAIL PLAN

SCALE: 1½" = 1'-0"



CONNECTION DETAIL SECTION

SCALE: 1½" = 1'-0"

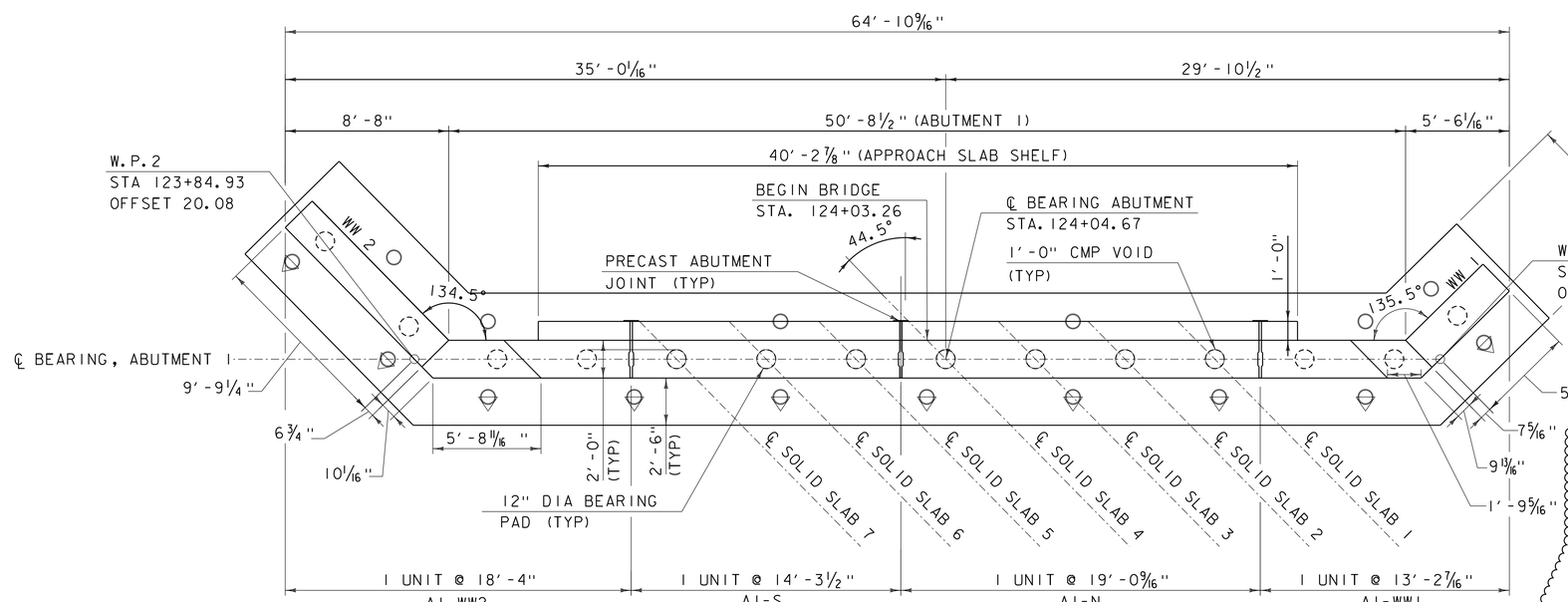
LEGEND

- ▨ ITEM 542.1000 HIGH PERFORMANCE CONCRETE, RAPID SET (FPQ)
- ● LEVEL II REINFORCING STEEL TO BE PAID FOR UNDER ITEM 540.1000 PRESTRESSED CONCRETE STRUCTURE (APPROACH SLAB 1 AND APPROACH SLAB 2)
- ○ LEVEL II REINFORCING STEEL TO BE PAID FOR UNDER ITEM 507.1200 REINFORCING STEEL, LEVEL II

PROJECT NAME: PLYMOUTH
PROJECT NUMBER: ER P23-1(327)

FILE NAME: z23b758ApproachJointAddl.dgn
PROJECT LEADER: M. CRUZ
DESIGNED BY: A. OKA
APPROACH SLAB DETAILS

PLOT DATE: 11/6/2026
DRAWN BY: B. HOULE
CHECKED BY: A. OKA
SHEET 40 OF 103



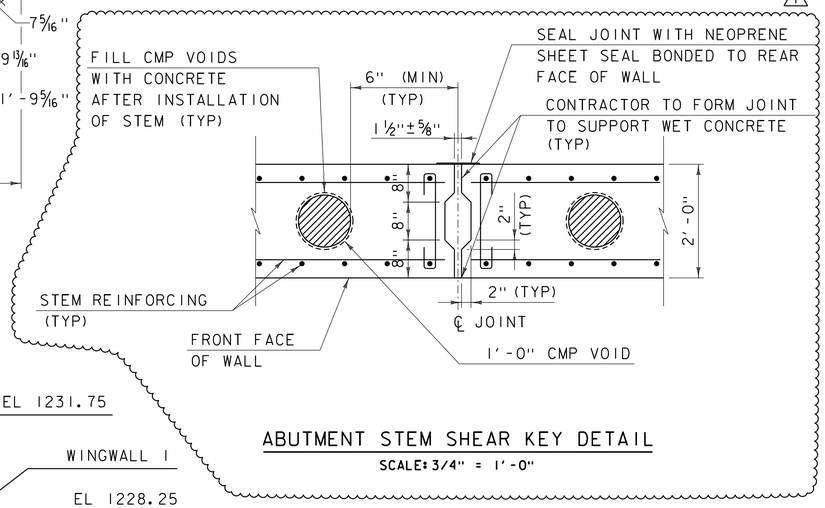
ABUTMENT 1 PLAN

SCALE: 1/4" = 1'-0"



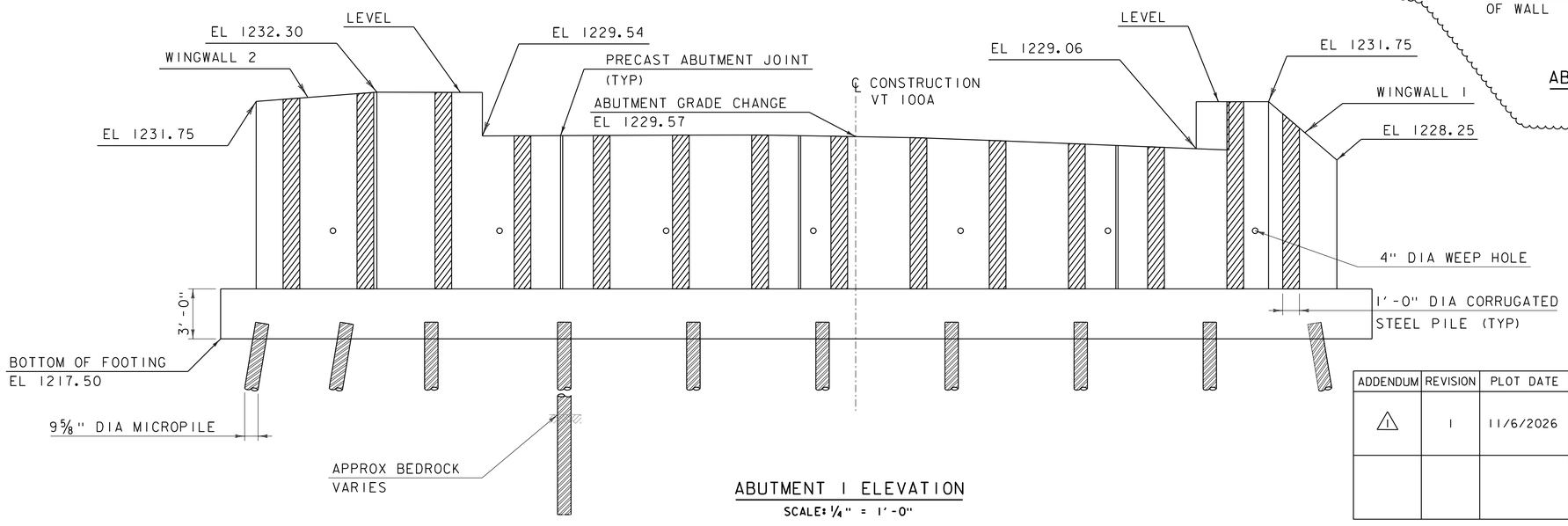
LEGEND:

- ITEM 542.1000 HIGH PERFORMANCE CONCRETE, RAPID SET (FPQ)
- 9.625" DIAMETER MICROPILE (TYP)
- 9.625" DIAMETER MICROPILE BATTERED 1H:6V FORWARD



ABUTMENT STEM SHEAR KEY DETAIL

SCALE: 3/4" = 1'-0"



ABUTMENT 1 ELEVATION

SCALE: 1/4" = 1'-0"

ADDENDUM	REVISION	PLOT DATE	DESCRIPTION	BY
1	1	11/6/2026	ADDED "ABUTMENT STEM SHEAR KEY DETAIL"	MAC

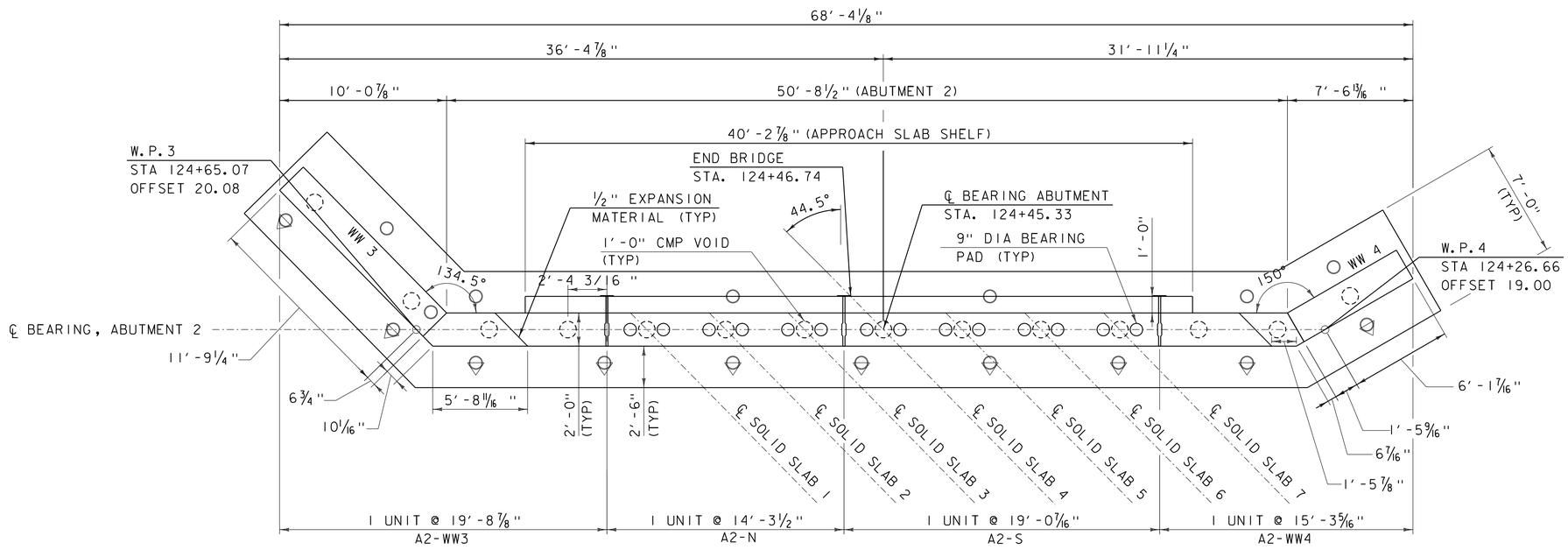
NOTES:

1. BRIDGE SEAT ELEVATIONS ARE PROVIDED AT THE CENTERLINE OF BEARING.
2. ONLY FRONT PILE SHOWN FOR CLARITY, SEE SHEET 45 FOR PILE LAYOUT.

PROJECT NAME: PLYMOUTH
PROJECT NUMBER: ER P23-1(327)

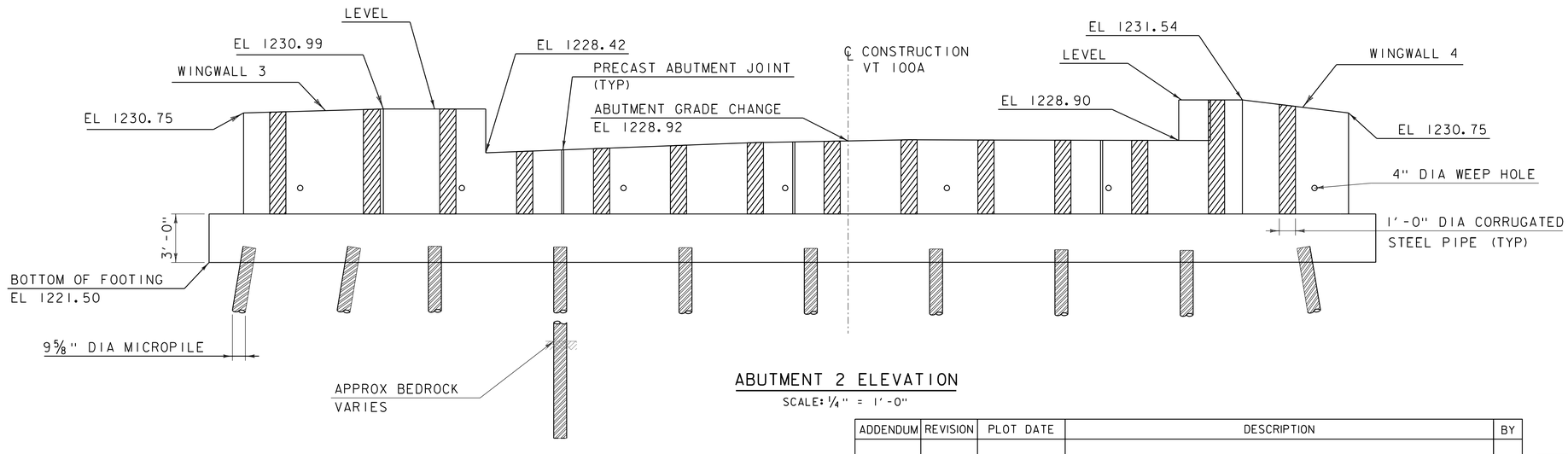
FILE NAME: z23b758Abut1Addl.dgn
PROJECT LEADER: M. CRUZ
DESIGNED BY: A. OKA
ABUTMENT 1 PLAN AND ELEVATION

PLOT DATE: 11/6/2026
DRAWN BY: J. TZANETOS
CHECKED BY: A. OKA
SHEET 41 OF 103



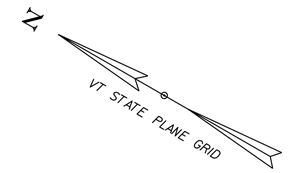
ABUTMENT 2 PLAN

SCALE: 1/4 " = 1′ - 0"



ABUTMENT 2 ELEVATION

SCALE: 1/4 " = 1′ - 0"



LEGEND

- ITEM 542.1000 HIGH PERFORMANCE CONCRETE, RAPID SET (FPQ)
- 9.625" DIAMETER MICROPILE (TYP)
- 9.625" DIAMETER MICROPILE BATTERED 1H:6V FORWARD

NOTES:

1. BRIDGE SEAT ELEVATIONS ARE PROVIDED AT THE CENTERLINE OF BEARING.
2. ONLY FRONT PILE SHOWN FOR CLARITY, SEE SHEET 45 FOR PILE LAYOUT.
3. SEE SHEET 41 FOR ABUTMENT STEM SHEAR KEY DETAIL. ⚠1

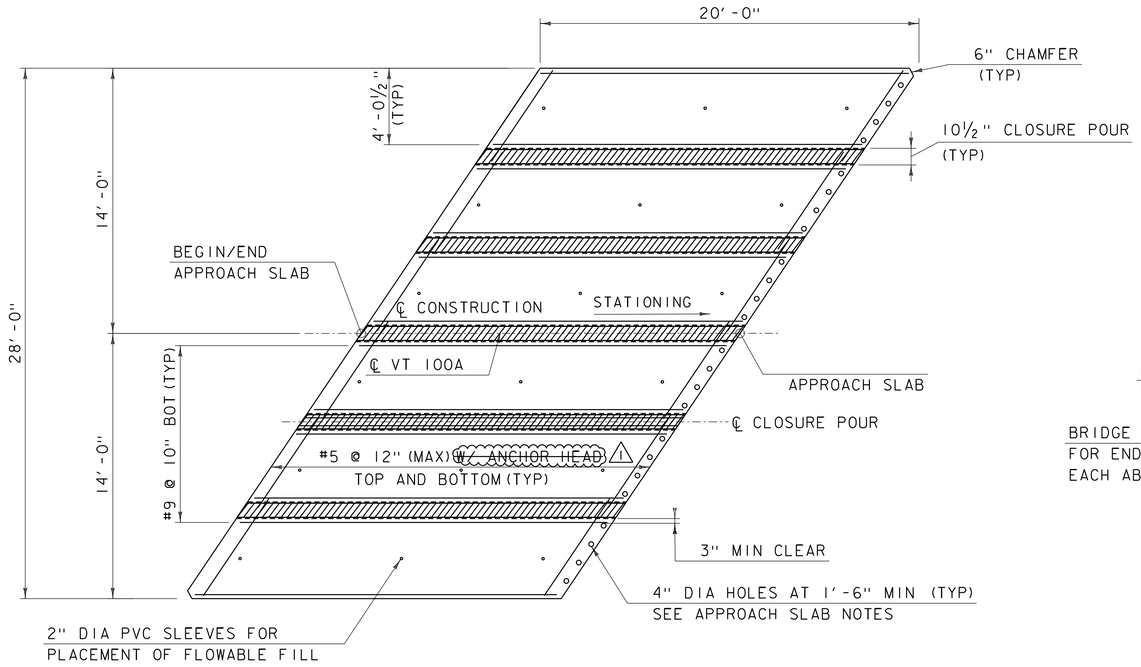
ADDENDUM	REVISION	PLOT DATE	DESCRIPTION	BY
⚠1	1	11/6/2026	ADDED NOTE 3	MAC

PROJECT NAME: PLYMOUTH
PROJECT NUMBER: ER P23-1(327)

FILE NAME: z23b758Abut2Addl.dgn
PROJECT LEADER: M. CRUZ
DESIGNED BY: A. OKA
ABUTMENT 2 PLAN AND ELEVATION

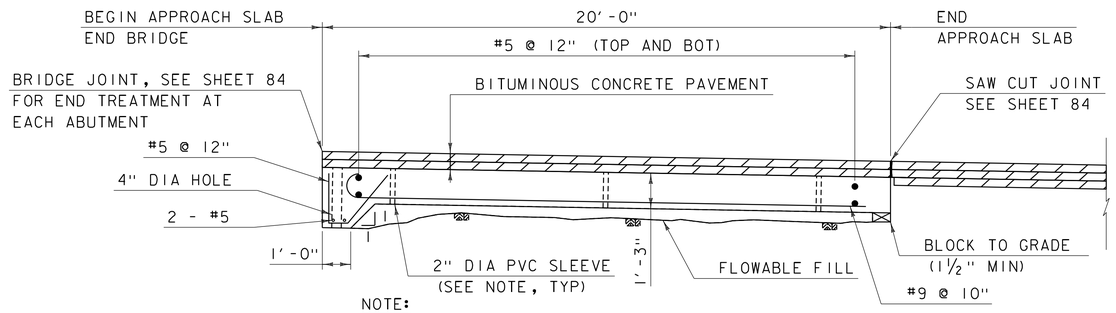
PLOT DATE: 11/6/2026
DRAWN BY: J. TZANETOS
CHECKED BY: A. OKA
SHEET 43 OF 103

ADDENDUM	REVISION	PLOT DATE	DESCRIPTION	BY
1	1	11/6/2026	REMOVED "W/ ANCHOR HEAD"	MAC



APPROACH SLAB PLAN

SCALE ¼" = 1'-0"



NOTE:

PVC SLEEVES TO BE INCLUDED IN APPROACH SLABS TO FACILITATE PLACEMENT OF FLOWABLE FILL, IF USED.

APPROACH SLAB TYPICAL SECTION

SCALE: ⅜" = 1'-0"

APPROACH SLAB NOTES:

1. LIFTING DEVICES AND ANY ASSOCIATED REINFORCEMENT SHALL BE DETERMINED BY THE FABRICATOR AND SHOWN IN THE FABRICATION DRAWINGS. LIFTING DEVICES SHALL BE LIMITED TO FOUR (4) PER PANEL, AND SHALL BE RECESSED AND GROUTED AFTER INSTALLATION OF THE SLABS.
2. THE LOCATION OF THE 4" DIAMETER HOLES CAST THROUGH THE BRIDGE-END OF THE APPROACH SLABS SHALL BE COORDINATED WITH THE REINFORCING STEEL EXTENDING FROM THE ABUTMENTS. SEE SHEET 89 FOR LOCATION OF REINFORCING.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING UNIFORM CONTACT BETWEEN THE APPROACH SLAB AND THE SUBBASE MATERIAL TO THE SATISFACTION OF THE ENGINEER. THE FABRICATION DRAWINGS SHALL INDICATE THE MEANS AND METHODS NECESSARY TO INSTALL THE APPROACH SLABS TO THE ELEVATIONS SPECIFIED. 2" DIA PVC SLEEVES NECESSARY FOR PLACEMENT OF FLOWABLE FILL, IF USED, WILL BE PAID FOR UNDER ITEM 540.1000 PRECAST CONCRETE STRUCTURE (APPROACH SLAB 1 - BRIDGE 7) OR ITEM 540.1000 PRECAST COCNRETE STRUCTURE (APPROACH SLAB 2 - BRIDGE 7).
4. REINFORCING IN THE CLOSURE POUR WILL BE PAID FOR UNDER ITEM 507.1200 REINFORCING STEEL, LEVEL II.

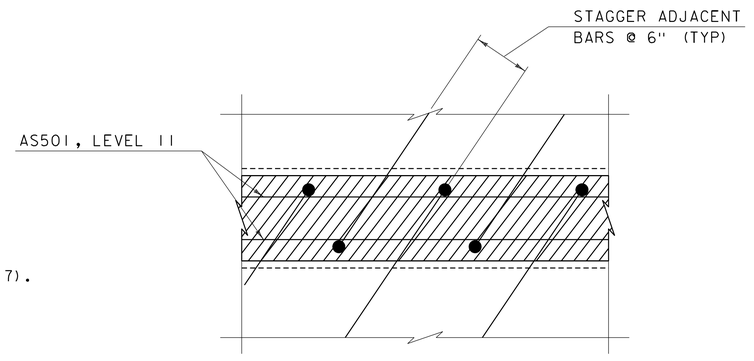
APPROACH SLAB ELEVATIONS

(ALL ELEVATIONS ARE TOP OF SLAB)

LOCATION	LT EDGE	℄ VT 100A	RT EDGE
BEGIN A.S. #1	1104.16	1104.32	1103.89
END A.S. #1	1103.70	1103.77	1103.43
BEGIN A.S. #2	1101.90	1101.98	1101.64
END A.S. #2	1102.36	1102.44	1102.10

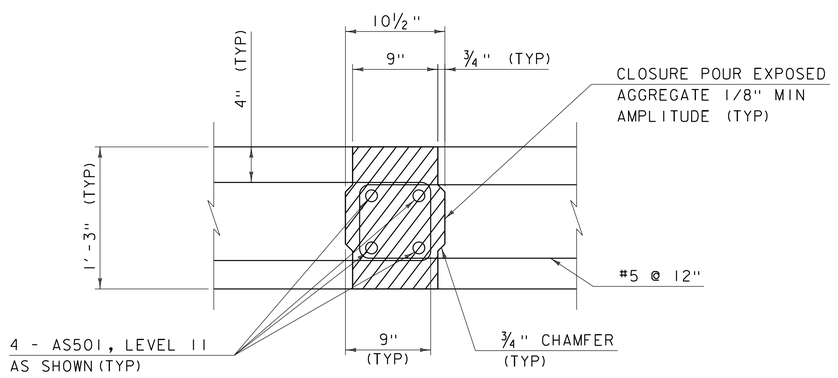
NOTE:

APPROACH SLAB FOLLOWS SAME CROSS SLOPE AS BRIDGE TYPICAL SECTION.



CONNECTION DETAIL PLAN

SCALE: 1½" = 1'-0"



CONNECTION DETAL SECTION

SCALE: 1½" = 1'-0"

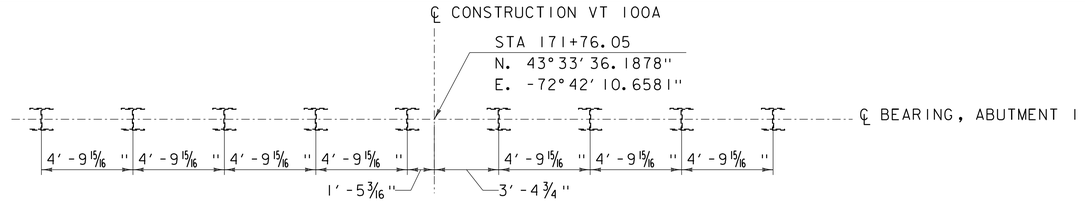
LEGEND

- ITEM 542.1000 HIGH PERFORMANCE CONCRETE, RAPID SET (FPQ)
- ● LEVEL II REINFORCING STEEL TO BE PAID FOR UNDER ITEM 540.1000 PRESTRESSED CONCRETE STRUCTURE (APPROACH SLAB 1 AND APPROACH SLAB 2)
- ○ LEVEL II REINFORCING STEEL TO BE PAID FOR UNDER ITEM 507.1200 REINFORCING STEEL, LEVEL II

PROJECT NAME: PLYMOUTH
PROJECT NUMBER: ER P23-1(328)

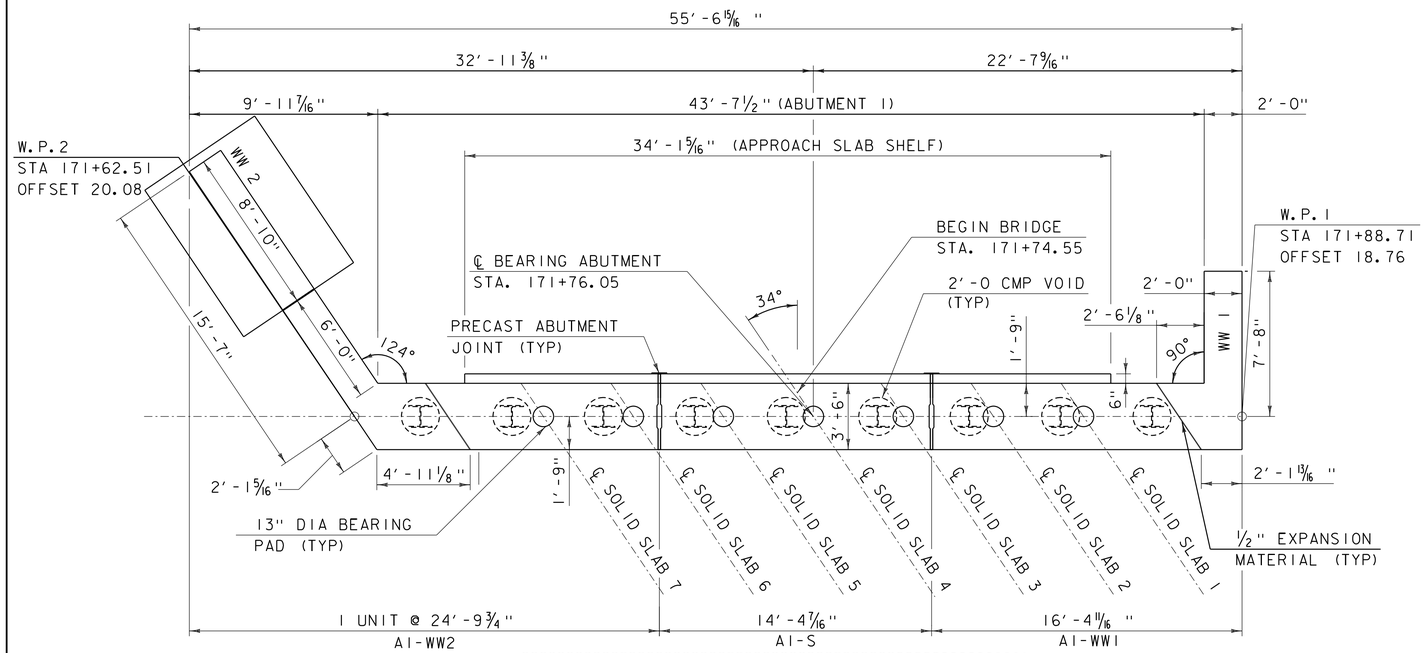
FILE NAME: z23b755ApproachJointAddl.dgn
PROJECT LEADER: M. CRUZ
DESIGNED BY: A. OKA
APPROACH SLAB DETAILS

PLOT DATE: 11/6/2026
DRAWN BY: B. HOULE
CHECKED BY: A. OKA
SHEET 89 OF 103



ABUTMENT 1 H PILE LAYOUT

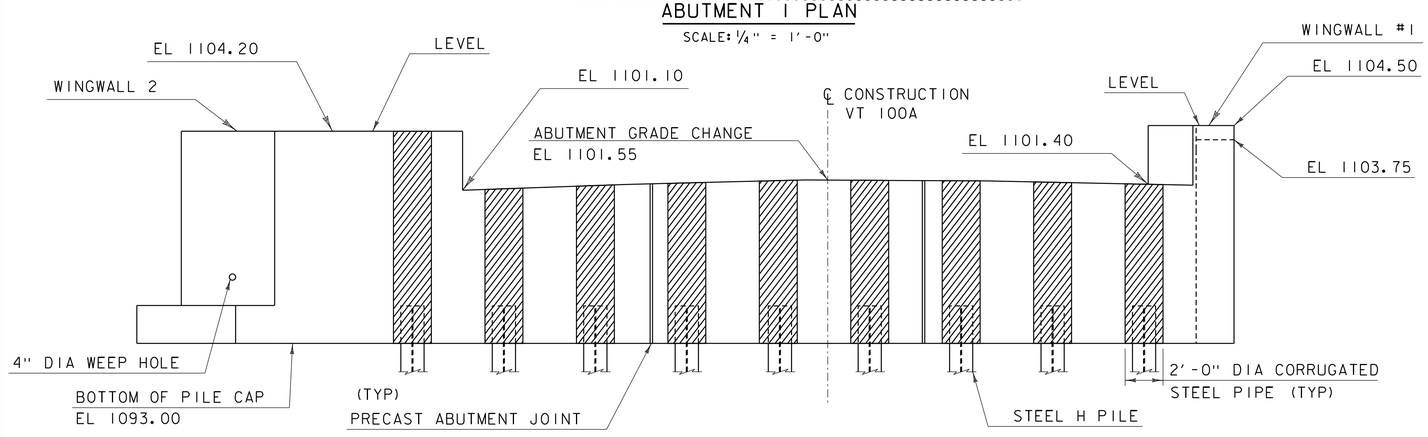
SCALE: 1/4" = 1'-0"



NOTE: SEE SHEET 92 FOR ABUTMENT SHEAR KEY DETAIL. ⚠1

ABUTMENT 1 PLAN

SCALE: 1/4" = 1'-0"



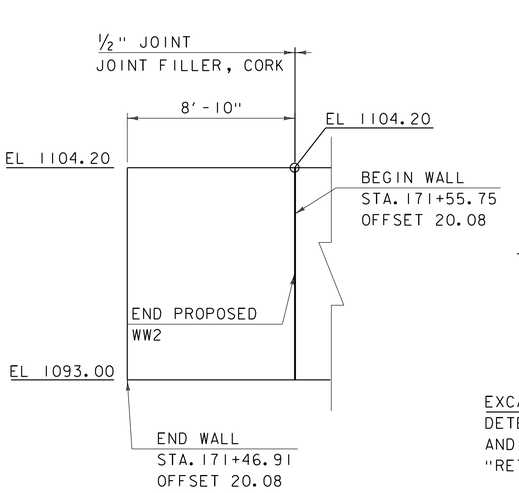
NOTE: BRIDGE SEAT ELEVATIONS ARE TAKEN AT THE CENTERLINE OF BEARING.

ABUTMENT 1 ELEVATION

SCALE: 1/4" = 1'-0"

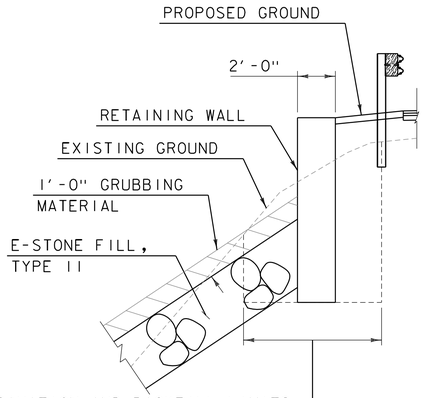
LEGEND:

ITEM 542.1000 HIGH PERFORMANCE CONCRETE, RAPID SET (FPQ)



RETAINING WALL ELEVATION

SCALE: 1/4" = 1'-0"



RETAINING WALL TYPICAL SECTION

SCALE: 1/4" = 1'-0"

RETAINING WALL NOTES:

1. A JOINT DETAIL SHALL BE SUBMITTED FOR REVIEW AND APPROVAL. JOINT SHALL PROVIDE A FLEXIBLE WATER TIGHT SEAL IN ORDER TO PREVENT MIGRATION OF MATERIAL THROUGH THE JOINT. ALL COMPONENTS WILL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 225.0500, "RETAINING WALL, CONCRETE". THE INTERFACE BETWEEN THE RETAINING WALL AND WINGWALL SHALL BE DESIGNED TO ALLOW 1/2" OF MOVEMENT.

2. DIMENSIONS ARE BASED ON A RETAINING WALL STEM THICKNESS OF 2'-0". IF A DIFFERENT THICKNESS IS USED, GEOMETRY WILL NEED TO BE MODIFIED BY THE CONTRACTOR. THE EXPOSED FACE OF THE RETAINNIG WALL SHALL BE FLUSH WITH WINGWALL 4, REGARDLESS OF WALL THICKNESS.

3. THE SOIL PROPERTIES AND DESIGN PARAMETERS USED FOR THIS PROJECT ARE AS INDICATED BELOW:
   - A. SOIL UNIT WEIGHT = 125PCF
   - B. GRANULAR BACKFILL FOR STRUCTURES = 140 PCF
   - C. AT REST EARTH PRESSURE (KO) = 0.44
   - D. REQUIRED DESIGN LIFE = 75 YEARS
   - E. VEHICULAR SURCHARGE PER AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS
   - F. FOR STRENGTH LIMIT STATE, USING A RESISTANCE FACTOR OF 0.45, THE FACTORED BEARING RESISTANCE IS 5.3 KSF
   - G. FOR STRENGTH LIMIT STATE, USING A RESISTANCE FACTOR OF 1.0, THE FACTORED BEARING RESISTANCE IS 3.3 KSF

4. ANY ADDITIONAL LEDGE REMOVAL REQUIRED TO ACCOMMODATE RETAINING WALLS AND/OR ADDITIONAL RELATED ELEMENTS WILL BE INCLUDED IN PAYMENT FOR ITEM 225.0500, "RETAINING WALL, CONCRETE".

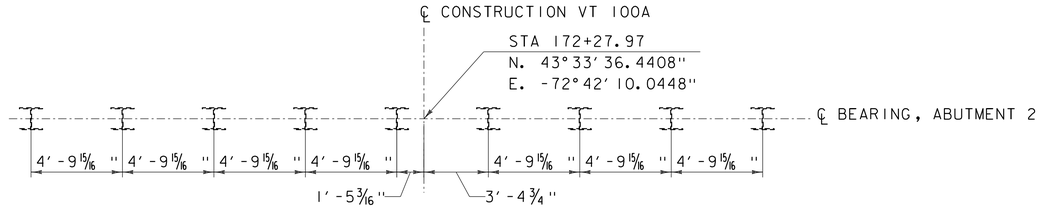
5. BOTTOM OF THE RETAINING WALL FOOTING TO BE AT LEAST 4 FEET BELOW GRADE BASED ON FROST SUSCEPTIBILITY AND BEARING STRATUM AT THE SITE. AN EMBEDMENT VALUE OF 4 FEET WAS USED FOR THE STRENGTH LIMIT STATE ANALYSIS AND AN EMBEDMENT VALUE OF 0 FEET WAS USED FOR THE SERVICE LIMIT STATE ANALYSIS, TO ACCOUNT FOR POTENTIAL SCOUR CONDITIONS AT THE DESIGN FLOOD ELEVATION PER SECTION 2.6.4.4.2.

ADDENDUM	REVISION	PLOT DATE	DESCRIPTION	BY
⚠1	1	11/6/2026	ADDED NOTE	MAC

PROJECT NAME: PLYMOUTH
PROJECT NUMBER: ER P23-1(328)

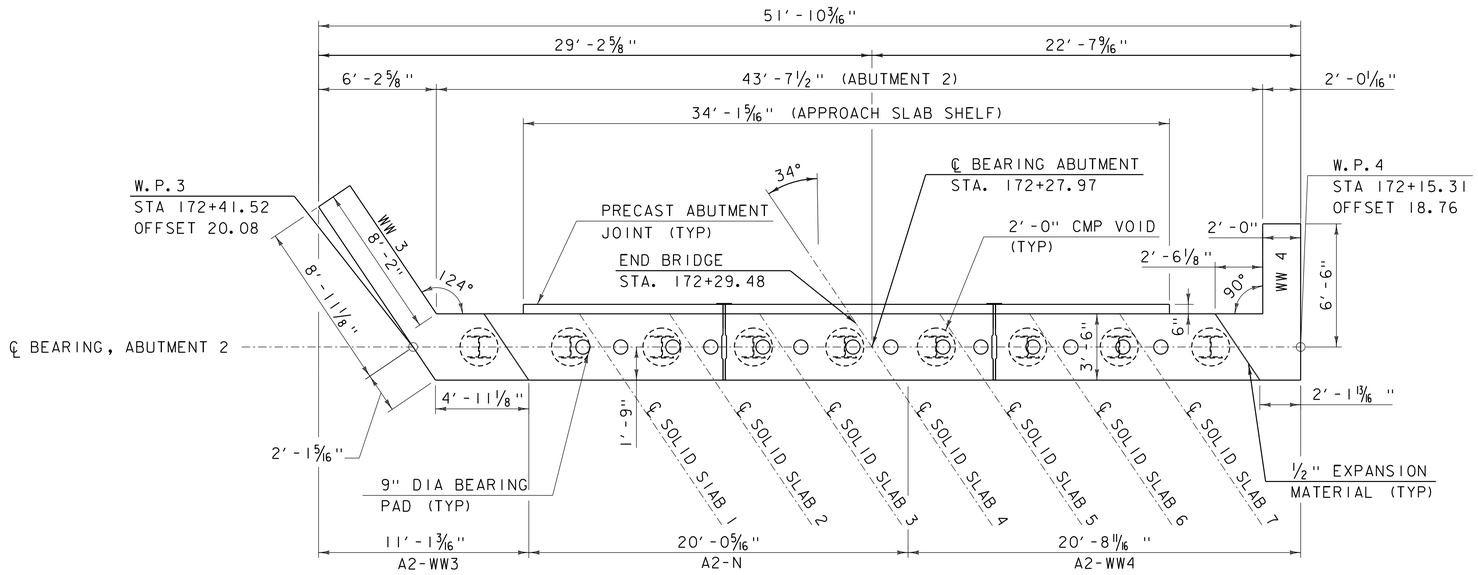
FILE NAME: z23b755Abut1Addl.dgn
PROJECT LEADER: M. CRUZ
DESIGNED BY: A. OKA
ABUTMENT 1 PLAN AND ELEVATION

PLOT DATE: 11/6/2026
DRAWN BY: J. TZANETOS
CHECKED BY: A. OKA
SHEET 90 OF 103



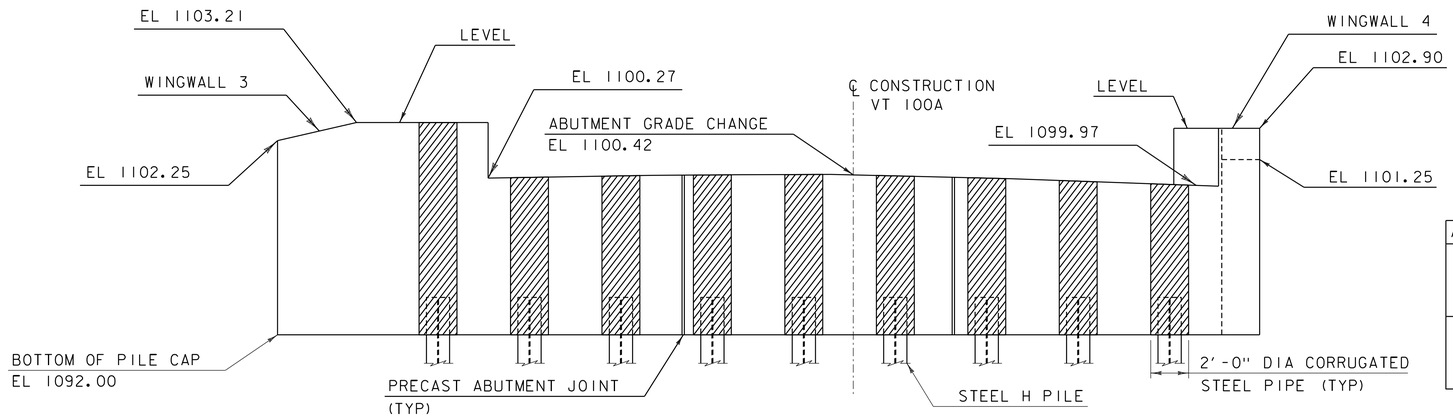
ABUTMENT 2 H PILE LAYOUT

SCALE: 1/4" = 1'-0"



ABUTMENT 2 PLAN

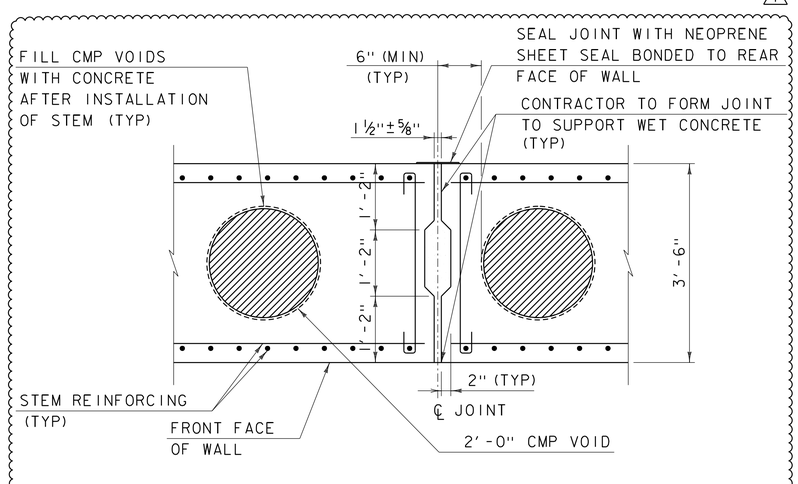
SCALE: 1/4" = 1'-0"



NOTE: BRIDGE SEAT ELEVATIONS ARE TAKEN AT THE CENTERLINE OF BEARING.

ABUTMENT 2 ELEVATION

SCALE: 1/4" = 1'-0"



ABUTMENT STEM SHEAR KEY DETAIL

SCALE: 3/4" = 1'-0"

N

VT STATE PLANE GRID

LEGEND

ITEM 542.1000 HIGH PERFORMANCE CONCRETE, RAPID SET (FPQ)

ADDENDUM	REVISION	PLOT DATE	DESCRIPTION	BY
1	1	11/6/2026	ADDED "ABUTMENT STEM SHEAR KEY DETAIL"	MAC

PROJECT NAME: PLYMOUTH
PROJECT NUMBER: ER P23-1(328)

FILE NAME: z23b755Abut2Addl.dgn
PROJECT LEADER: M. CRUZ
DESIGNED BY: A. OKA
ABUTMENT 2 PLAN AND ELEVATION

PLOT DATE: 11/6/2026
DRAWN BY: J. TZANETOS
CHECKED BY: A. OKA
SHEET 92 OF 103