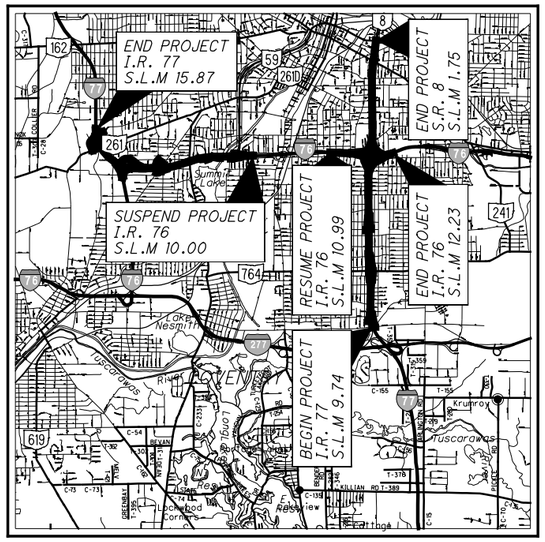

LOCATION MAP

LATITUDE: 41° 03′ 43″ LONGITUDE: 81° 30′ 17″

SCALE IN MILES

0 1 2 3 4

N

PORTION TO BE IMPROVED
INTERSTATE HIGHWAY
FEDERAL ROUTES
STATE ROUTES
COUNTY & TOWNSHIP ROADS
OTHER ROADS

DESIGN DESIGNATION

SEE BU-19
NHS PROJECT ..... YES

DESIGN EXCEPTIONS

DESIGN FEATURE	*APPROVAL DATE*	*SHEET NUMBER*
INSIDE SHOULDER WIDTH	*5-21-20*	*13 - 43 (PLAN SHEETS ONLY)*

FOR MOT, SEE BU-04
FOR STRUCTURES WORK, SEE BU-13 & BU-16
FOR SCHEMATIC PLAN & SURVEY CONTROL, SEE BU-19
FOR REMOVALS, SEE BU-26
FOR LIGHTING & ITS PLANS, SEE BU-36
FOR TRAFFIC CONTROL, SEE BU-40
FOR FENCING PLANS, SEE BU-42

UNDERGROUND UTILITIES
Contact Two Working Days Before You Dig
OHIO811.org Before You Dig
OHIO811, 8-1-1, or 1-800-362-2764
(Non-members must be called directly)

PLAN PREPARED BY:
PARSONS

STATE OF OHIO
DEPARTMENT OF TRANSPORTATION

SUM-76-8.24
SUM-77-9.74
SUM-8-0.00

CITY OF AKRON

SUMMIT COUNTY

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ENGINEERS SEAL:

STATE OF OHIO
JAMES F. MITCHELL
PE.73626
REGISTERED PROFESSIONAL ENGINEER

SIGNED: *DATE:* 2/24/2022

STANDARD CONSTRUCTION DRAWINGS

BP-1.1	*7/28/00*	*DM-1.1*	*7/17/20*	*MGS-1.1*	*1/19/18*	*TC-21.50*	*4/17/20*		*800-2019*	*10/16/20*	
BP-2.1	*7/17/15*	*DM-1.2*	*1/18/13*	*MGS-2.1*	*1/19/18*				*832*	*10/19/18*	
BP-2.2	*7/18/08*	*DM-4.1*	*7/17/20*	*MGS-3.1*	*1/19/18*						
BP-3.1	*1/17/20*			*MGS-3.2*	*1/18/13*						
BP-3.2	*1/18/19*	*HL-20.13*	*4/17/20*	*MGS-4.2*	*7/19/13*						
BP-5.1	*1/18/19*			*MGS-5.2*	*7/15/16*						
BP-7.1	*7/17/20*	*I-2.1*	*1/15/16*	*MGS-5.3*	*7/15/16*						
BP-9.1	*1/18/19*	*I-2.2*	*7/19/19*	*MGS-6.1*	*1/19/18*						
CB-2.1	*7/20/18*	*HW-2.2*	*7/20/18*	*RM-1.1*	*7/18/14*						
CB-2.2	*7/20/18*			*RM-3.1*	*7/20/18*						
CB-2.3	*1/15/16*	*MH-1.2*	*1/15/16*	*RM-4.3*	*7/18/14*						
CB-3.1	*1/15/16*			*RM-4.4*	*7/19/19*						
CB-3.2	*1/15/16*			*RM-4.5*	*7/21/17*						
CB-3.4	*1/15/16*			*RM-4.6*	*7/19/13*						

SUPPLEMENTAL SPECIFICATIONS		*SPECIAL PROVISIONS*
800-2019	*10/16/20*	
832	*10/19/18*	

ISSUE RECORD:		
NO.	DATE	DESCRIPTION

PROJECT DESCRIPTION

PAVEMENT REPLACEMENT OVER SUM - I.R. 76 FROM S.L.M. 8.24 TO 10.00, SUM - 77 FROM S.L.M. 9.74 TO 11.54, AND SUM - 8 FROM S.L.M. 0.00 TO 1.75. COVERS THE "SOUTH LEG" AND "WEST LEG", INCLUDES REHABILITATION OF SEVERAL STRUCTURES IN THE CITY OF AKRON, SUMMIT COUNTY, OHIO.

LIMITED ACCESS

THIS IMPROVEMENT IS ESPECIALLY DESIGNED FOR THROUGH TRAFFIC AND HAS BEEN DECLARED A LIMITED ACCESS HIGHWAY OR FREEWAY BY ACTION OF THE DIRECTOR IN ACCORDANCE WITH THE PROVISIONS OF SECTION 5511.02 OF THE OHIO REVISED CODE.

2019 SPECIFICATIONS

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PLANS AND CHANGES LISTED IN THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.

RECORD DRAWING PLANS

BU-32 - ROADWAY I-76 AND I-77 AT EAST AVE TO PRINCETON ST

The undersigned hereby confirms that, to the best of their knowledge, all known field modifications made after the Released for Construction plans were sealed by the Designer are included in these drawings.

RSS JV

Signed: Joseph J. Buchtinec, Jr., PE — Digitally signed by Joseph J. Buchtinec, Jr., PE DN: C=US, E=j.buchtinec@shellyandsands.com, O="Shelly and Sands, Inc.", OU=Project Manager, CN="Joseph J. Buchtinec, Jr., PE" Date: 2026.09.11 08:47:38-04'00'

Date: 9/11/2026

The undersigned hereby confirms that, to the best of their knowledge, all presented field changes have been included in the Record Drawings and the Designer concurs that the changes meet the design intent of the Contract.

Parsons Transportation Group, Inc.

Signed: *Fernando Rodriguez* *Design Project Manager*

Date: *09/11/2026*

RSS ruhlin SHELLY & SANDS
AKRON BELTWAY JV

BU-32

ROADWAY

I-76/77 at East Ave to I-76/77 at Princeton St

RELEASED FOR CONSTRUCTION
February 17, 2022

FEDERAL PROJECT NO. E180(428)
PID NO. 102329
CONSTRUCTION PROJECT NO. 21-3000
RAILROAD INVOLVEMENT NONE
SUM-76/77/8- 8.24/9.74/0.00
2026-03-24 - BU-32 - RECORD DRAWING PLANS
1 / 188

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ISSUE RECORD:		
NO.	DATE	DESCRIPTION

LEGEND PROPOSED ITEMS

1. ITEM 442 - 1.5" ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (447), AS PER PLAN
2. ITEM 452 - 13" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QA/QC
3. ITEM 407 - NON-TRACKING TACK COAT
4. ITEM 442 - 1.75" ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446), AS PER PLAN
5. ITEM 302 - 8" ASPHALT CONCRETE BASE, PG64-22 (2-4" LIFTS)
6. ITEM 304 - 6" AGGREGATE BASE, AS PER PLAN
7. ITEM 204 - PROOF ROLLING
8. ITEM 206 - CEMENT STABILIZED SUBGRADE, 14 INCHES DEEP (MINIMUM)
9. ITEM 441 - ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448), (UNDER GUARDRAIL) (T=3")
10. ITEM 605 - 6" BASE PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC
11. ITEM 606 - GUARDRAIL, TYPE MGS
12. ITEM 618 - RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE)
13. ITEM 618 - RUMBLE STRIPS, SHOULDER (CONCRETE)
14. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE B1
15. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C1
16. ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
17. ITEM 659 - SEEDING AND MULCHING
18. ITEM 526 - REINFORCED CONCRETE APPROACH SLABS (T=15")
19. ITEM 670 - SLOPE EROSION PROTECTION MAT, TYPE E
20. ITEM 609 - CURB, TYPE 4-C
21. ITEM 609 - CURB, TYPE 4-A

Station	"Y" Dimension per SCD 1-2.2 (in feet)	
244+54.39	0.00	End BU-31, Begin BU-32
268+50.00	0.00	End Type B1 Median Barrier, Begin Type C1
269+00.00	0.07	
269+50.00	0.14	
270+00.00	0.20	
270+50.00	0.27	
271+00.00	0.34	
271+50.00	0.41	
272+00.00	0.48	
272+50.00	0.54	
273+00.00	0.57	
273+50.00	0.59	
274+00.00	0.61	
274+50.00	0.61	
275+00.00	0.62	
275+50.00	0.61	
276+00.00	0.60	
276+50.00	0.58	
277+00.00	0.56	
277+50.00	0.52	
278+00.00	0.49	
278+50.00	0.44	
279+00.00	0.39	
279+50.00	0.33	
280+00.00	0.26	
280+50.00	0.22	
281+00.00	0.25	
281+50.00	0.27	
282+00.00	0.29	
282+50.00	0.31	
283+00.00	0.36	
283+50.00	0.40	
284+00.00	0.45	
284+50.00	0.40	
285+00.00	0.31	
285+50.00	0.21	
286+00.00	0.11	
286+50.00	0.02	
286+60.00	0.00	End Type C1 Median Barrier, Begin Type B1
312+72.35	0.00	End BU-32 Proposed Median Barrier

Note:
WB/NB is the High Side for
All Stations of Bifurcation

2026-03-24 - BU-32 - RECORD DRAWING PLANS

TYPICAL SECTIONS - LEGEND

SUM-76/77/8-
8.24/9.74/0.00

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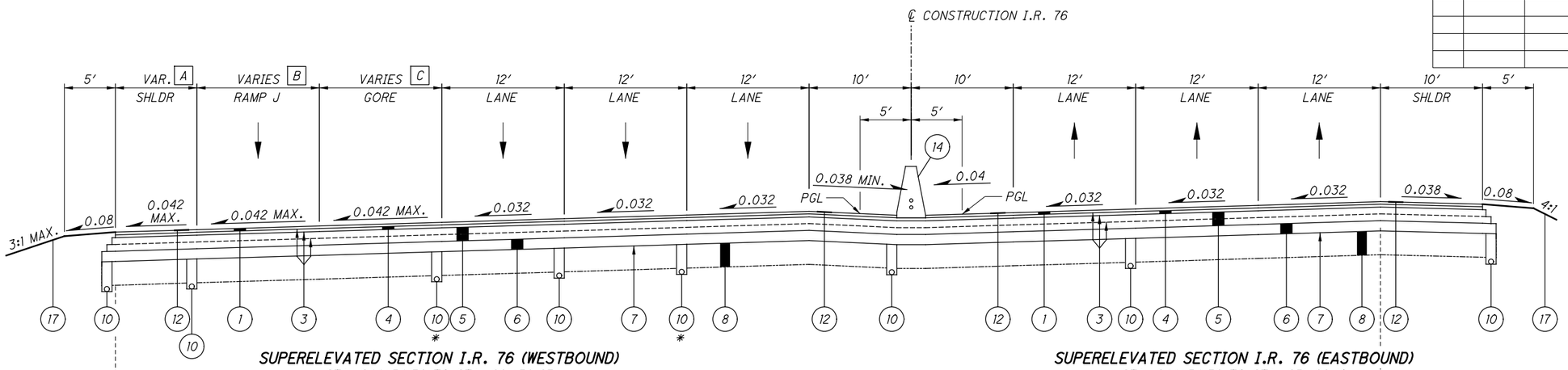
ISSUE RECORD:		
NO.	DATE	DESCRIPTION



SUPERELEVATED SECTION I.R. 76 (WESTBOUND)
STA. 244+54.39 TO STA. 261+38.23
* ONLY PRESENT TO THE PROFILE CREST, SEE PLAN VIEW.

SUPERELEVATED SECTION I.R. 76 (EASTBOUND)
STA. 244+54.39 TO STA. 251+96.10

A
6.0′ FROM STA. 244+54.39 TO STA. 244+84.39
VARIES FROM 6.0′ AT STA. 244+84.39 TO 8.0′ AT STA. 245+34.57
8.0′ FROM STA. 245+34.57 TO STA. 246+67.33
VARIES FROM 8.0′ FROM STA. 246+67.33 TO 10.0′ AT STA. 247+17.33
10.0′ FROM STA. 247+17.33 TO STA. 261+38.23

B
16.0′ FROM STA. 244+54.39 TO STA. 245+84.78
VARIES FROM 16.0′ AT STA. 245+84.78 TO 12.0′ AT STA. 246+67.31 (STA. 0+00.00 ℄ CONST. RAMP J)
12.0′ FROM STA. 246+67.31 TO STA. 261+38.23

C
VARIES FROM 23.0′ AT STA. 244+54.39 TO 0.0′ AT STA. 245+84.78
0.0′ FROM STA. 245+84.78 TO STA. 261+38.23

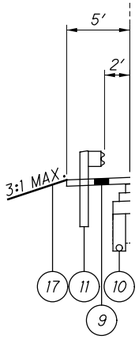
D
VARIES FROM 23.0′ AT STA. 251+96.10 TO 0.0′ AT STA. 254+99.34
0.0′ FROM STA. 254+99.34 TO STA. 261+38.23

E
16.0′ FROM STA. 251+96.10 TO STA. 254+99.34
VARIES FROM 16.0′ AT STA. 254+99.34 TO 12.0′ AT STA. 257+00.00 (STA. 14+48.83 ℄ CONST. RAMP L)
12.0′ FROM STA. 257+00.00 TO STA. 261+38.23

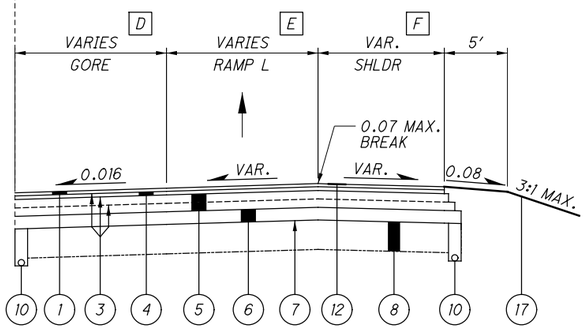
F
8.0′ FROM STA. 251+96.10 TO STA. 256+50.73
VARIES FROM 8.0′ AT STA. 256+50.73 TO 10.0′ AT STA. 256+99.97
10.0′ FROM STA. 256+99.97 TO STA. 261+38.23

G
VARIES FROM 10.0′ AT STA. 265+80.02 TO 11.5′ AT STA. 266+18.57
11.5′ FROM STA. 266+18.57 TO MEET APPROACH SLAB

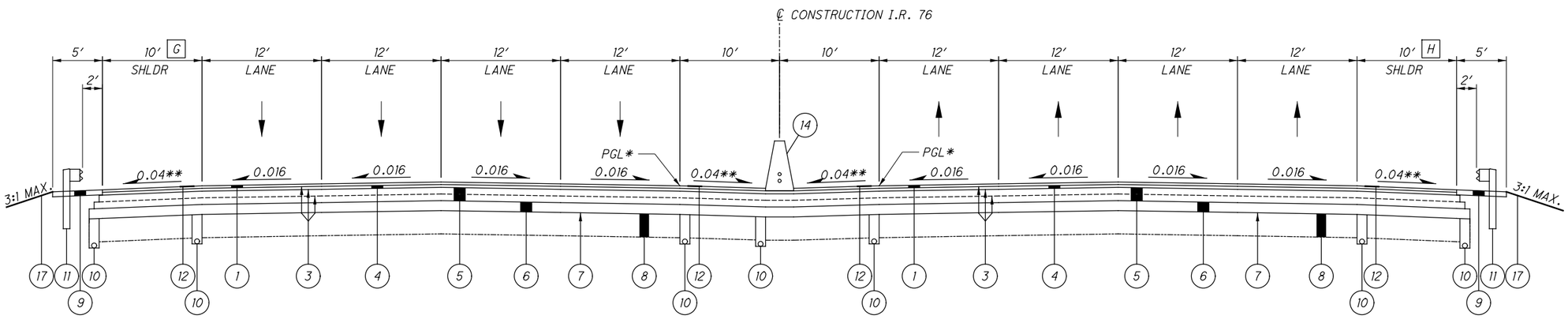
H
VARIES FROM 10.0′ AT STA. 265+75.06 TO 11.5′ AT STA. 265+82.77
11.5′ FROM STA. 265+82.77 TO MEET APPROACH SLAB



STA. 247+46.88 TO STA. 249+36.12
STA. 256+72.43 TO STA. 261+38.23



SUPERELEVATED SECTION I.R. 76 (EASTBOUND)
STA. 251+96.10 TO STA. 261+38.23



NORMAL SECTION I.R. 76 (WESTBOUND)
STA. 261+38.23 TO STA. 266+15.50

* NOTE THAT THE PROFILE GRADE LINE SHIFTS OUT TO 10 FEET, LEFT & RIGHT (FROM 5 FEET, LEFT & RIGHT) BEGINNING AT STA. 261+38.23.

NORMAL SECTION I.R. 76 (EASTBOUND)
STA. 261+38.23 TO STA. 266+15.50

** SHOULDER CROSS SLOPES SHALL BE TRANSITIONED ON THE ROADWAY SECTION, OFF THE BRIDGE AND APPROACH SLABS, WITHIN A DISTANCE OF 100 FEET.

TYPICAL SECTIONS - I.R. 76

2026-03-24 - BU-32 - RECORD DRAWING PLANS

SUM-76/77/8-
8.24/9.74/0.00

PARSONS
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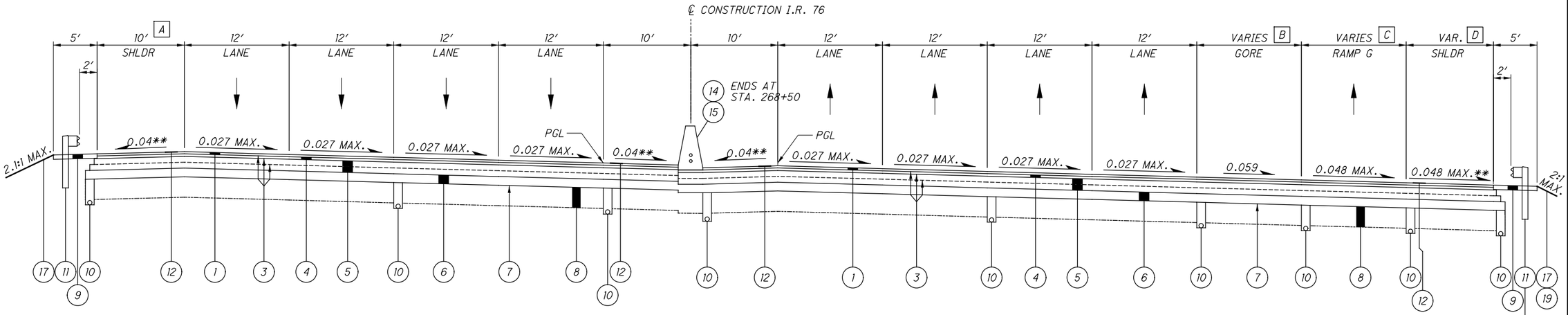
ISSUE RECORD:		
NO.	DATE	DESCRIPTION

A — 11.5′ FROM MEETING APPROACH SLAB TO STA. 268+58.84
VARIES FROM 11.5′ FROM STA. 268+58.84 TO 10.0′ AT STA. 268+67.01

B — 0.0′ FROM STA. 268+25.59 TO STA. 271+07.85
VARIES FROM 0.0′ AT STA. 271+07.85 TO 23.0′ AT STA. 274+21.19

C — VARIES FROM 0.0′ AT STA. 268+14.17 TO 14.77′ AT STA. 270+74.72 (STA. 1+60.00 ℄ CONST. RAMP G)
VARIES FROM 14.77′ AT STA. 270+74.72 TO 16.0′ AT STA. 271+07.85
16.0′ FROM STA. 271+07.85 TO STA. 274+21.19

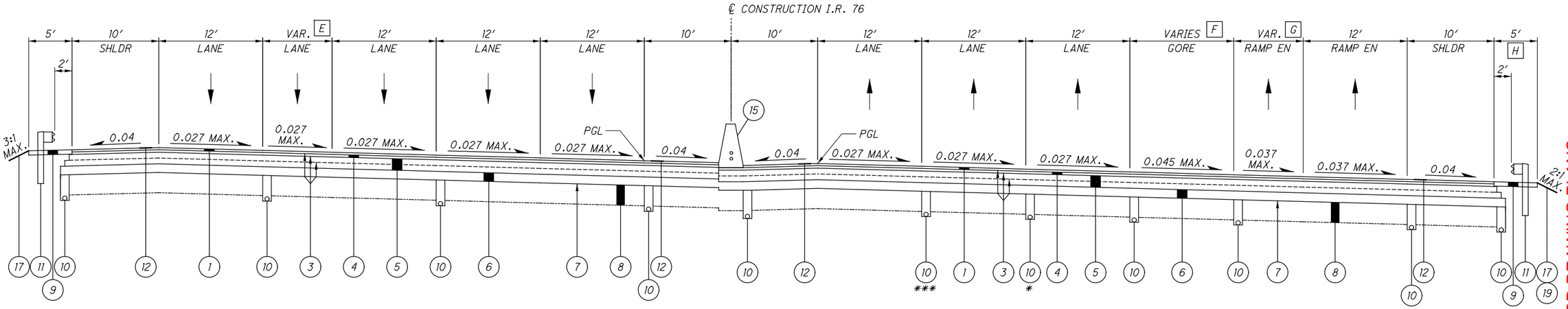
D — VARIES FROM 11.5′ AT APPROACH SLAB TO 9.9′ AT STA. 268+35.71
VARIES FROM 9.9′ AT STA. 268+35.71 TO 8.0′ AT STA. 269+35.71
8.0′ FROM STA. 269+35.71 TO STA. 274+21.19



SUPERELEVATED SECTION I.R. 76 (WESTBOUND)
STA. 268+25.59 TO STA. 277+07.53

SUPERELEVATED SECTION I.R. 76 (EASTBOUND)
STA. 268+25.59 TO STA. 274+21.19

ITEM 606 - GUARDRAIL, TYPE MGS WITH LONG POSTS USED TO STA. 269+00, SEE DETAIL ON SHEET 10



SUPERELEVATED SECTION I.R. 76 (WESTBOUND)
STA. 277+07.53 TO STA. 284+27.53

SUPERELEVATED SECTION I.R. 76 (EASTBOUND)
STA. 274+21.19 TO STA. 284+14.16

* ONLY PRESENT TO THE PROFILE SAG, SEE PLAN VIEW.
*** ONLY PRESENT PAST THE PROFILE SAG, SEE PLAN VIEW.

E — VARIES FROM 0.0′ AT STA. 277+07.53 TO 12.0′ AT STA. 284+27.53

F — 0.0′ FROM STA. 274+21.19 TO STA. 280+19.97
VARIES FROM 0.0′ AT STA. 280+19.97 TO 23.0′ AT STA. 284+14.16

G — 0.0′ FROM STA. 274+21.19 TO STA. 274+84.21 (STA. 100+00.00 ℄ CONST. RAMP EN)
VARIES FROM 0.0′ AT STA. 274+84.21 TO 12.0′ AT STA. 280+19.97
12.0′ FROM STA. 280+19.97 TO STA. 284+14.16

H — BEGINNING AT STA. 282+68.27, MEET EXISTING MOMENT SLAB & RAILING ABOVE RETAINING WALL TO REMAIN IN PLACE; SEE RAMP EN TYPICAL SECTION, SHEET 8

** SHOULDER CROSS SLOPES SHALL BE TRANSITIONED ON THE ROADWAY SECTION, OFF THE BRIDGE AND APPROACH SLABS, WITHIN A DISTANCE OF 100 FEET.

TYPICAL SECTIONS - I.R. 76

2026-03-24 - BU-32 - RECORD DRAWING PLANS

SUM-76/77/8-8.24/9.74/0.00

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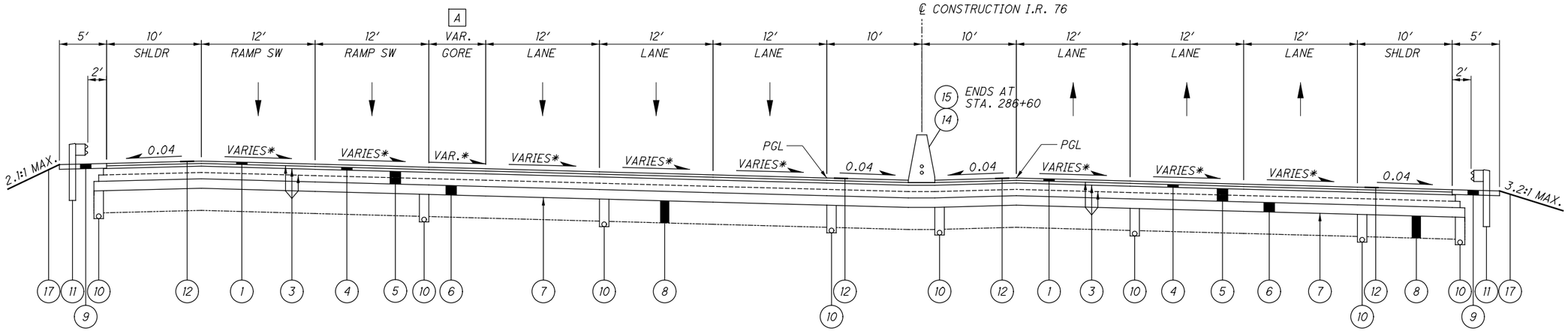
ISSUE RECORD:		
NO.	DATE	DESCRIPTION

[A] VARIES FROM 0.0′ AT STA. 284+27.53 TO 6.2′ AT STA. 287+37.02

[B] VARIES FROM 6.2′ AT STA. 287+37.02 TO 22.2′ AT STA. 294+06.05

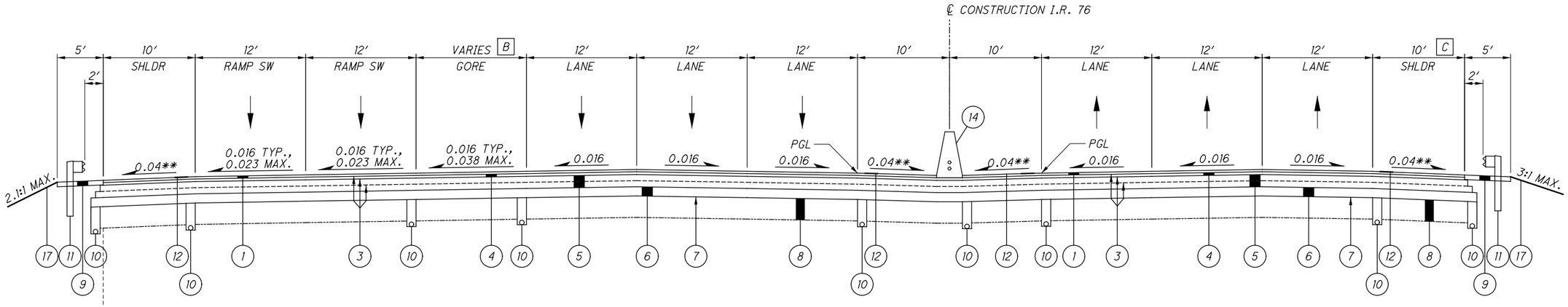
[C] VARIES FROM 10.0′ AT STA. 293+80.34 TO 11.5′ AT STA. 293+88.05
11.5′ FROM STA. 293+88.05 TO MEET APPROACH SLAB



SUPERELEVATED SECTION I.R. 76 (WESTBOUND)
STA. 284+27.53 TO STA. 287+37.02

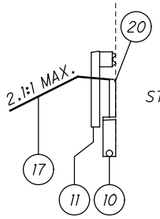
* SEE SUPERELEVATION TABLE FOR CROSS SLOPES, SHEET 145

SUPERELEVATED SECTION I.R. 76 (EASTBOUND)
STA. 284+14.16 TO STA. 286+36.32



NORMAL SECTION I.R. 76 (WESTBOUND)
STA. 287+37.02 TO STA. 288+24.97 (SEE APPROACH SLAB TYPICAL SECTION ON SHEET 7)

NORMAL SECTION I.R. 76 (EASTBOUND)
STA. 286+36.32 TO STA. 288+24.97 (SEE APPROACH SLAB TYPICAL SECTION ON SHEET 7)
STA. 292+97.84 TO STA. 294+06.05



STA. 293+60.91 (MEET APPROACH SLAB ON SKEW) TO STA. 294+06.05

** SHOULDER CROSS SLOPES SHALL BE TRANSITIONED ON THE ROADWAY SECTION, OFF THE BRIDGE AND APPROACH SLABS, WITHIN A DISTANCE OF 100 FEET.

TYPICAL SECTIONS - I.R. 76

2026-03-24 - BU-32 - RECORD DRAWING PLANS

SUM-76/77/8-8.24/9.74/0.00

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ISSUE RECORD:		
NO.	DATE	DESCRIPTION

A — 11.5′ FROM MEETING APPROACH SLAB TO STA. 296+51.05
VARIES FROM 11.5′ AT STA. 296+51.05 TO 10.0′ AT STA. 296+58.76

B — 11.5′ FROM MEETING APPROACH SLAB TO STA. 296+75.00
VARIES FROM 11.5′ AT STA. 296+75.00 TO 10.0′ AT STA. 297+12.50

C — VARIES FROM 8.0′ AT STA. 311+86.00 TO 10.4′ AT STA. 312+36.00

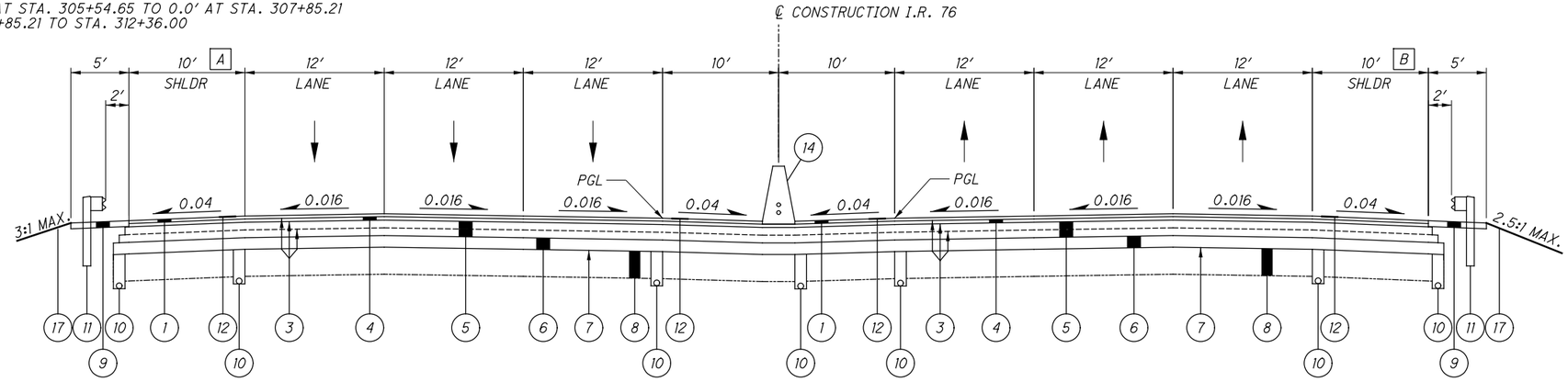
D — 16.0′ FROM STA. 305+54.65 TO STA. 307+85.21
VARIES FROM 16.0′ AT STA. 307+85.21 TO 12.0′ AT STA. 309+28.33 (STA. 0+00.00 ℄ CONST. RAMP W10)
12.0′ FROM STA. 309+28.33 TO STA. 311+86.00
VARIES FROM 12.0′ AT STA. 311+86.00 TO 11.7′ AT STA. 312+36.00

E — VARIES FROM 23.0′ AT STA. 305+54.65 TO 0.0′ AT STA. 307+85.21
0.0′ FROM STA. 307+85.21 TO STA. 312+36.00

F — VARIES FROM 23.0′ AT STA. 304+19.15 TO 0.0′ AT STA. 306+85.48
0.0′ FROM STA. 306+85.48 TO STA. 312+36.00

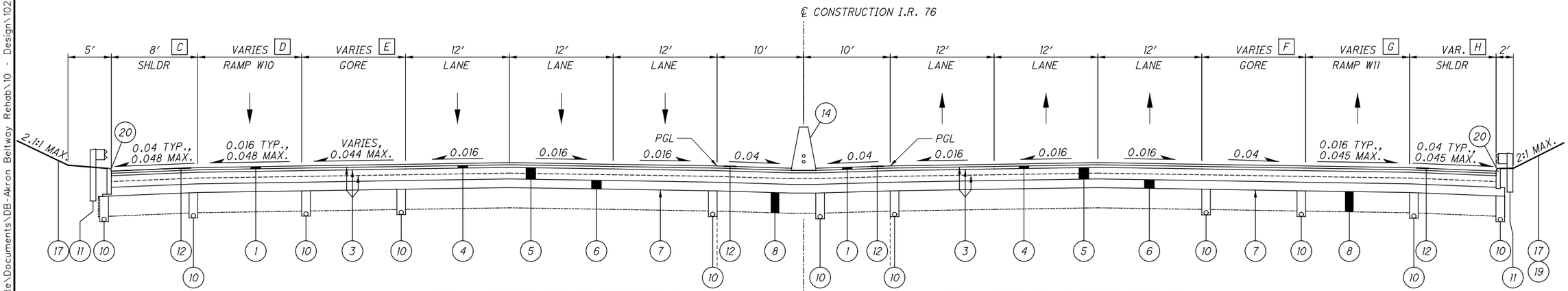
G — 16.0′ FROM STA. 304+19.15 TO STA. 306+85.48
VARIES FROM 16.0′ AT STA. 306+85.48 TO 12.0′ AT STA. 308+37.24 (STA. 12+53.22 ℄ CONST. RAMP W11)
12.0′ FROM STA. 308+37.24 TO STA. 311+86.00
VARIES FROM 12.0′ AT STA. 311+86.00 TO 11.7′ AT STA. 312+36.00

H — 6.0′ FROM STA. 304+19.15 TO STA. 305+12.17
VARIES FROM 6.0′ AT STA. 305+12.17 TO 8.0′ AT STA. 305+62.09
8.0′ FROM STA. 305+62.09 TO STA. 307+87.26
VARIES FROM 8.0′ AT STA. 307+87.26 TO 10.0′ AT STA. 308+37.24
10.0′ FROM STA. 308+37.24 TO STA. 312+36.00



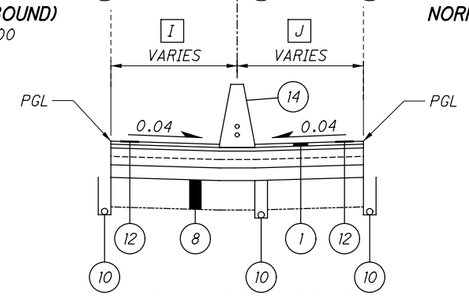
NORMAL SECTION I.R. 76 (WESTBOUND)
STA. 296+26.05 TO STA. 305+54.65

NORMAL SECTION I.R. 76 (EASTBOUND)
STA. 296+26.05 TO STA. 304+19.15



NORMAL SECTION I.R. 76 (WESTBOUND)
STA. 305+54.65 TO STA. 312+36.00

NORMAL SECTION I.R. 76 (EASTBOUND)
STA. 304+19.15 TO STA. 312+36.00



NORMAL SECTION I.R. 76
STA. 312+36.00 TO STA. 312+72.35

I — VARIES FROM 10.0′ AT STA. 312+36.00 TO 10.63′ AT STA. 312+72.35

J — VARIES FROM 10.0′ AT STA. 312+36.00 TO 10.47′ AT STA. 312+72.35

TYPICAL SECTIONS - I.R. 76

2026-03-24 - BU-32 - RECORD DRAWING PLANS

SUM-76/77/8-
8.24/9.74/0.00

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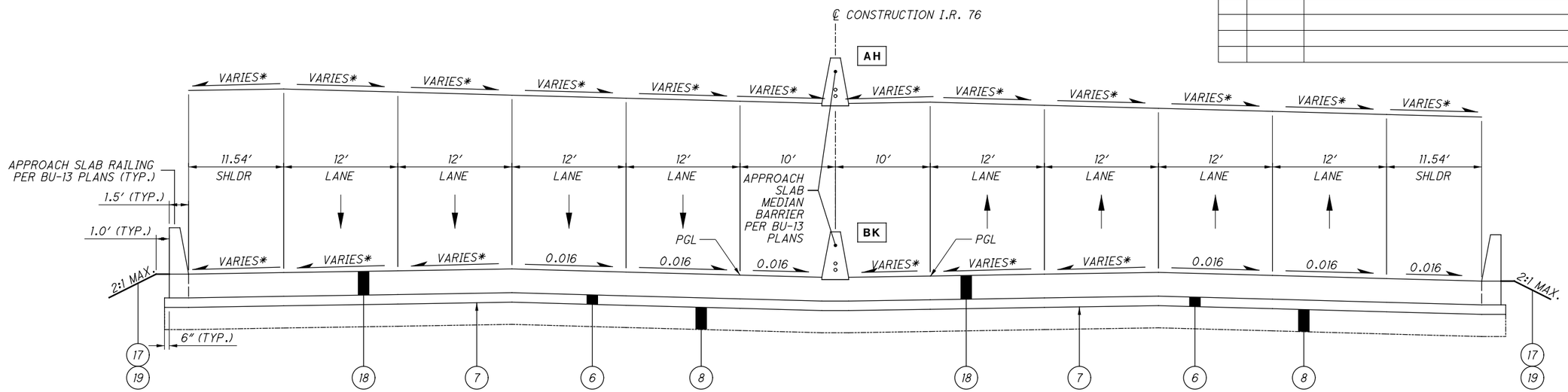
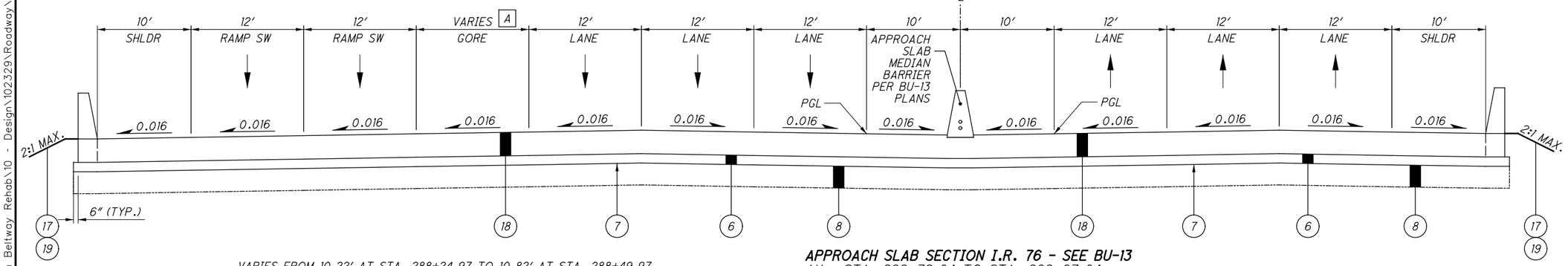
BU-32

ISSUE RECORD:		
NO.	DATE	DESCRIPTION



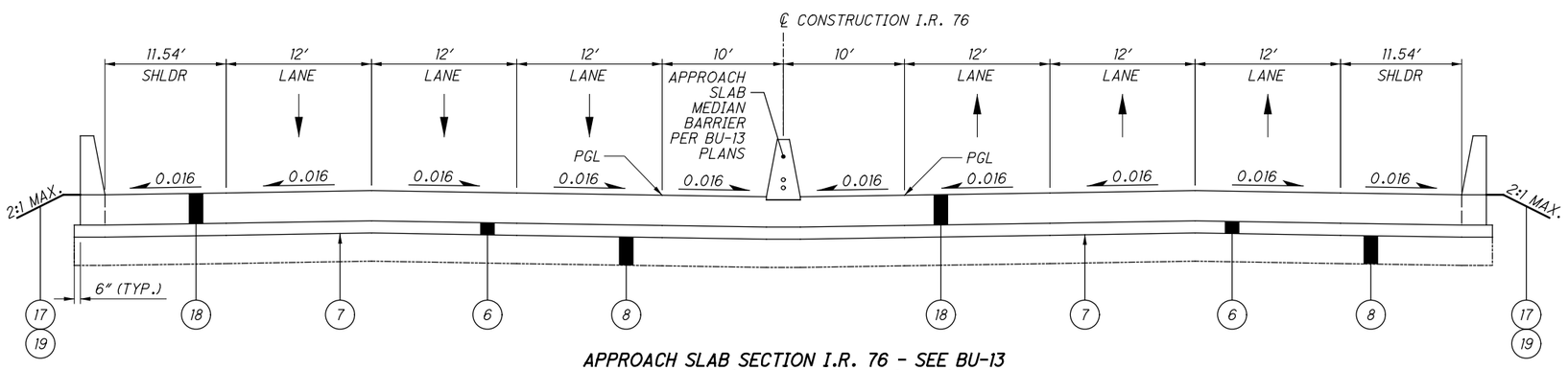
APPROACH SLAB SECTION I.R. 76 - SEE BU-13
AH STA. 268+00.59 TO STA. 268+25.59
STRUCTURE SUM-76-0914
BK STA. 266+15.50 TO STA. 266+40.50

* REFER TO BU-13 FOR VARYING SLOPE VALUES AND LIMITS



A VARIES FROM 10.22′ AT STA. 288+24.97 TO 10.82′ AT STA. 288+49.97
VARIES FROM 21.30′ AT STA. 292+72.84 TO 22.31′ AT STA. 292+97.84
BOTH ARE "ON SKEW" WIDTHS, SEE BU-13

APPROACH SLAB SECTION I.R. 76 - SEE BU-13
AH STA. 292+72.84 TO STA. 292+97.84
STRUCTURE SUM-76-0954
BK STA. 288+24.97 TO STA. 288+49.97



APPROACH SLAB SECTION I.R. 76 - SEE BU-13
AH STA. 296+01.05 TO STA. 296+26.05
STRUCTURE SUM-76-0964
BK STA. 294+06.05 TO STA. 294+31.05

TYPICAL SECTIONS - I.R. 76

SUM-76/77/8-
8.24/9.74/0.00

7
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2026-03-24 - BU-32 - RECORD DRAWING PLANS

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PARSONS
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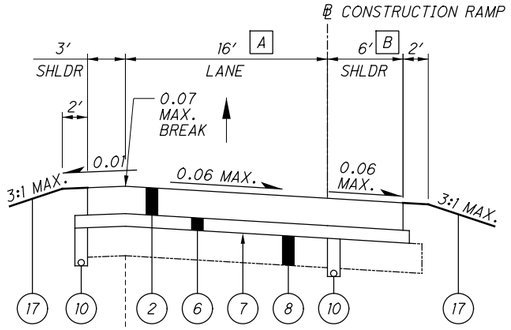
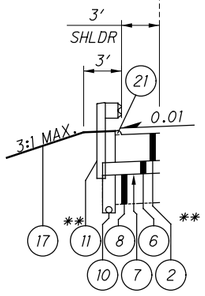
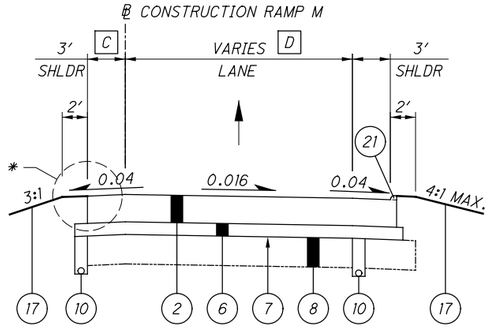


PROPOSED RAMP J SECTION
STA. 2+08.49 TO STA. 11+39.19

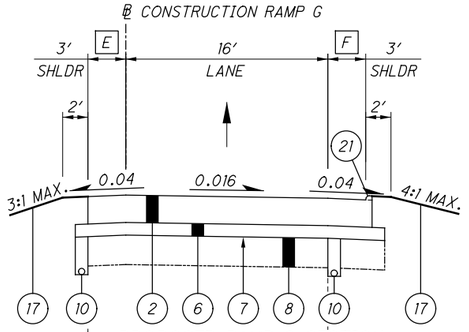


** STA. 10+56.35 TO STA. 11+13.38 ONLY.
(NOTE THAT GUARDRAIL FACE CAN BE A MAXIMUM OF 6 INCHES BEHIND THE FACE OF CURB TO AVOID POST CONFLICT WITH PAVEMENT LAYERS)

STA. 6+27.65 TO STA. 7+11.88
STA. 10+56.35 TO STA. 11+39.19



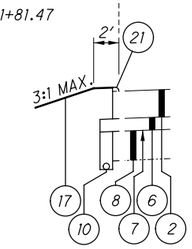
PROPOSED RAMP M SECTION
STA. 1+81.47 TO STA. 3+54.04



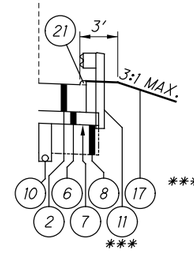
PROPOSED RAMP G SECTION
STA. 5+00.84 TO STA. 9+93.44

* SEE RAMP M AT RUSSELL AVE INTERSECTION DETAIL (SHEET 153). AT THE BEGINNING OF THE RETURN, AN ITEM 609 CURB (TYPE 4-A) BEGINS AND TIES INTO THE EXISTING RETURN.

A	16.0′ FROM STA. 2+08.49 TO STA. 3+33.30 VARIES FROM 16.0′ AT STA. 3+33.30 TO 18.0′ AT STA. 4+55.58 VARIES FROM 18.0′ AT STA. 4+55.58 TO 44.0′ AT STA. 6+22.59 (STA. 1+81.47 ℄ CONST. RAMP M) 16.0′ FROM STA. 6+22.12 TO STA. 11+39.19
B	VARIES FROM 6.0′ AT STA. 10+34.31 TO 2.0′ AT STA. 11+34.31 2.0′ FROM STA. 11+34.31 TO STA. 11+39.19
C	VARIES FROM 3.0′ AT STA. 2+46.69 TO 0.0′ AT STA. 3+21.63 0.0′ FROM STA. 3+21.63 TO STA. 3+54.14
D	VARIES FROM 18.0′ AT STA. 1+81.47 TO 22.0′ AT STA. 2+87.45 22.0′ FROM STA. 2+87.45 TO STA. 3+54.14
E	VARIES FROM 3.0′ AT STA. 6+90.00 TO 0.0′ AT STA. 7+65.00 0.0′ FROM STA. 7+65.00 TO STA. 9+93.44
F	VARIES FROM 8.0′ AT STA. 5+00.84 TO 3.0′ AT STA. 6+25.84 VARIES FROM 3.0′ AT STA. 8+25.00 TO 0.0′ AT STA. 9+00.00 0.0′ FROM STA. 9+00.00 TO STA. 9+93.44

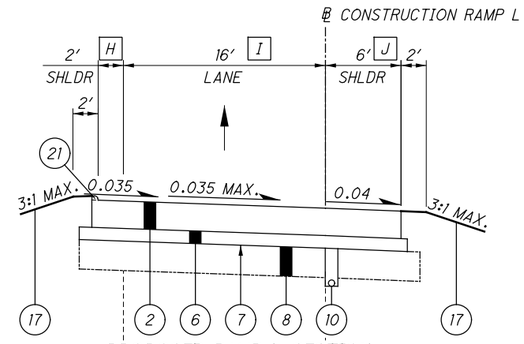


STA. 7+65.00
TO
STA. 9+93.44

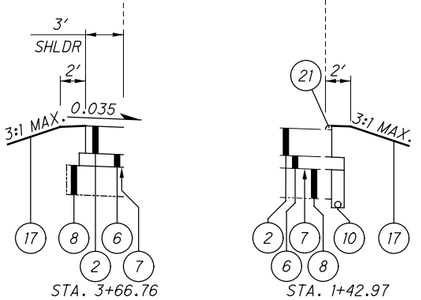


*** NOTE THAT GUARDRAIL FACE CAN BE A MAXIMUM OF 6 INCHES BEHIND THE FACE OF CURB TO AVOID POST CONFLICT WITH PAVEMENT LAYERS

STA. 5+00.84
TO
STA. 5+35.70

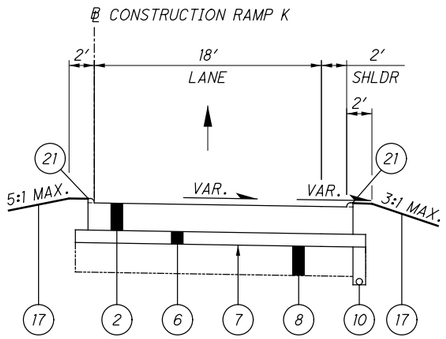


PROPOSED RAMP L SECTION
STA. 1+42.97 TO STA. 9+38.33



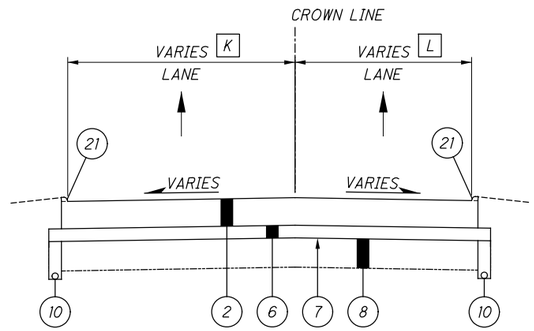
STA. 3+66.76
TO
STA. 9+38.33

STA. 1+42.97
TO
STA. 2+09.44



PROPOSED RAMP K SECTION
STA. 0+17.71 TO STA. 0+91.23

H	0.0′ FROM STA. 3+16.85 TO STA. 3+66.76
I	VARIES FROM 21.7′ AT STA. 1+42.97 TO 16.0′ AT STA. 2+09.44 VARIES FROM 43.7′ AT STA. 3+16.85 TO 16.0′ AT STA. 6+20.06
J	0.0′ FROM STA. 1+42.97 TO STA. 2+09.44 VARIES FROM 0.0′ AT STA. 2+09.44 TO 6.0′ AT STA. 2+39.43 VARIES FROM 6.0′ AT STA. 7+58.10 TO 8.0′ AT STA. 8+08.21 8.0′ FROM STA. 8+08.21 TO STA. 9+38.33



PROPOSED SOUTH STREET SECTION
263.18 LINEAR FEET
SEE INTERSECTION DETAIL, SHEET 157

K	VARIES FROM 13.6′ TO 15.9′ FOR 11.95 LINEAR FEET VARIES FROM 33.8′ TO 20.3′ FOR 251.23 LINEAR FEET
L	VARIES FROM 14.3′ TO 9.0′ FOR 263.18 LINEAR FEET

ISSUE RECORD:		
NO.	DATE	DESCRIPTION

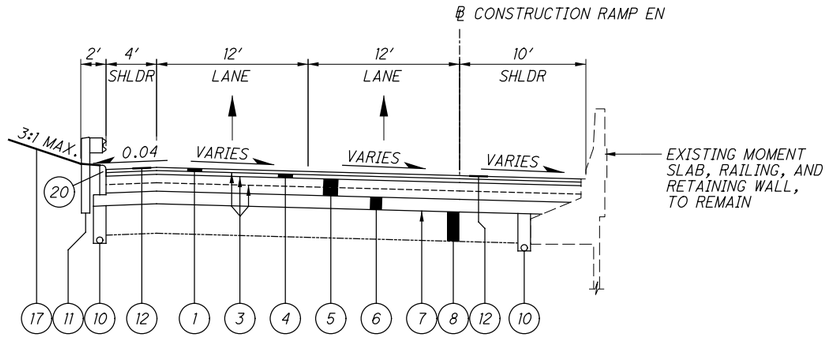
TYPICAL SECTIONS - RAMPS AND SIDE STREETS

SUM-76/77/8-8.24/9.74/0.00

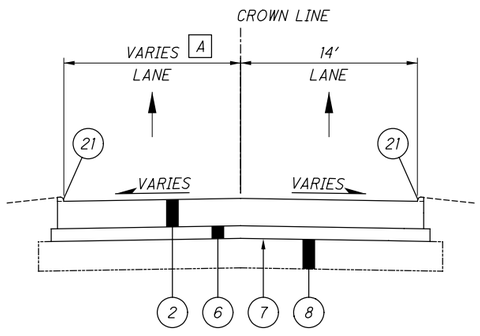
2026-03-24 - BU-32 - RECORD DRAWING PLANS

ISSUE RECORD:		
NO.	DATE	DESCRIPTION

[A] VARIES FROM 13.5′ TO 13.9′ FOR 235.19 LINEAR FEET



PROPOSED RAMP EN SECTION
STA. 109+18.15 TO STA. 112+58.77



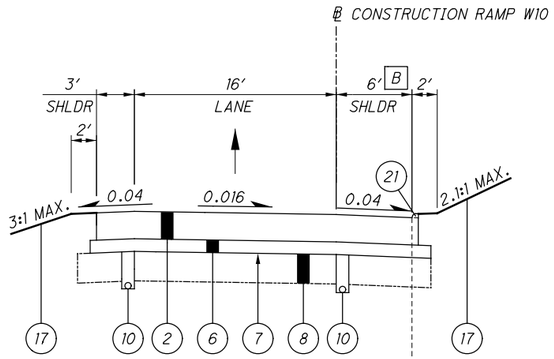
PROPOSED RUSSELL AVENUE SECTION
235.19 LINEAR FEET
SEE INTERSECTION DETAIL, SHEET 159

[B] VARIES FROM 8.0′ AT STA. 3+72.90 TO 6.0′ AT STA. 4+22.90

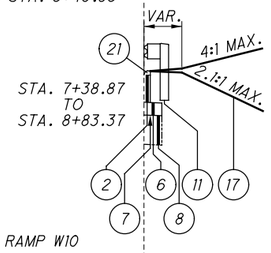
[C] VARIES FROM 3.0′ AT STA. 9+62.76 TO 0.0′ AT STA. 10+37.76

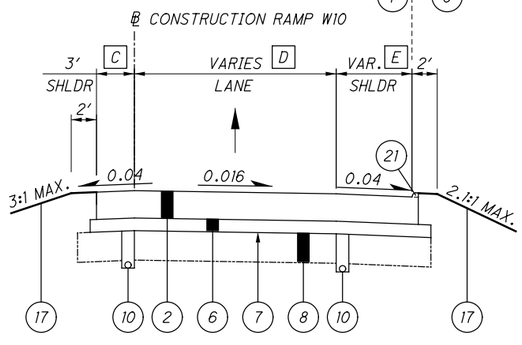
[D] VARIES FROM 16.0′ AT STA. 8+40.98 TO 14.7′ AT STA. 10+37.76

[E] VARIES FROM 6.0′ AT STA. 8+40.98 TO 0.0′ AT STA. 9+90.98
0.0′ FROM STA. 9+90.98 TO STA. 10+37.76



PROPOSED RAMP W10 SECTION
STA. 3+72.90 TO STA. 8+40.98





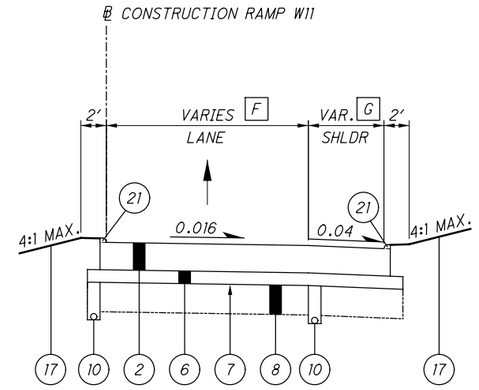
PROPOSED RAMP W10 SECTION
STA. 8+40.98 TO STA. 10+37.76

[F] VARIES FROM 18.0′ AT STA. 3+25.33 TO 16.5′ AT STA. 3+80.24

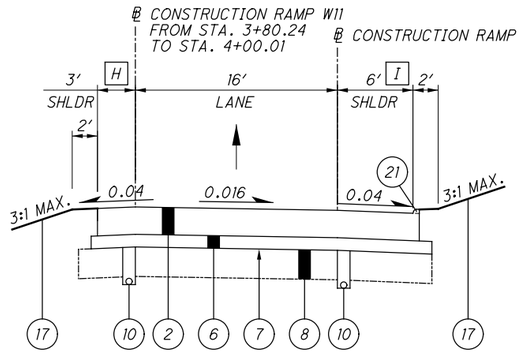
[G] VARIES FROM 2.0′ AT STA. 3+25.33 TO 3.5′ AT STA. 3+80.24

[H] VARIES FROM 0.0′ AT STA. 3+80.24 TO 3.0′ AT STA. 4+00.01

[I] VARIES FROM 3.5′ AT STA. 3+80.24 TO 6.0′ AT STA. 4+00.01



PROPOSED RAMP W11 SECTION
STA. 3+25.33 TO STA. 3+80.24



PROPOSED RAMP W11 SECTION
STA. 3+25.33 TO STA. 8+35.59

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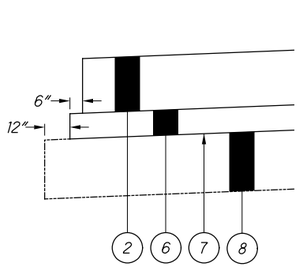
2026-03-24 - BU-32 - RECORD DRAWING PLANS

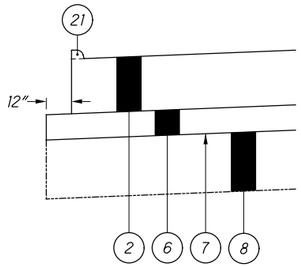
TYPICAL SECTIONS - RAMPS AND SIDE STREETS

SUM-76/77/8-
8.24/9.74/0.00

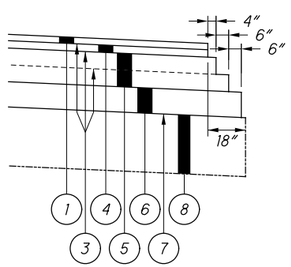
ISSUE RECORD:		
NO.	DATE	DESCRIPTION



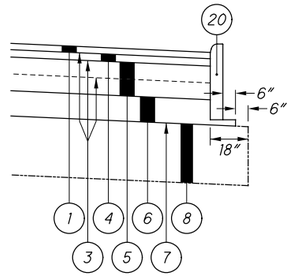
CONCRETE PAVEMENT
WITHOUT CURB
STEP DETAIL



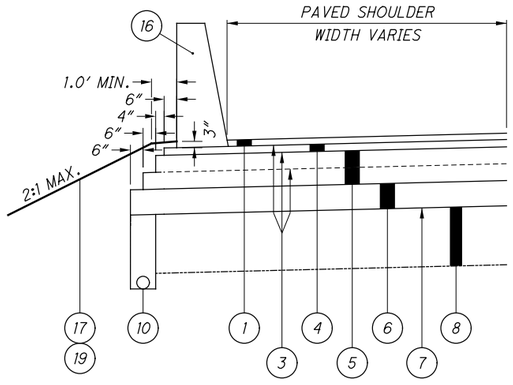
CONCRETE PAVEMENT
WITH CURB
STEP DETAIL



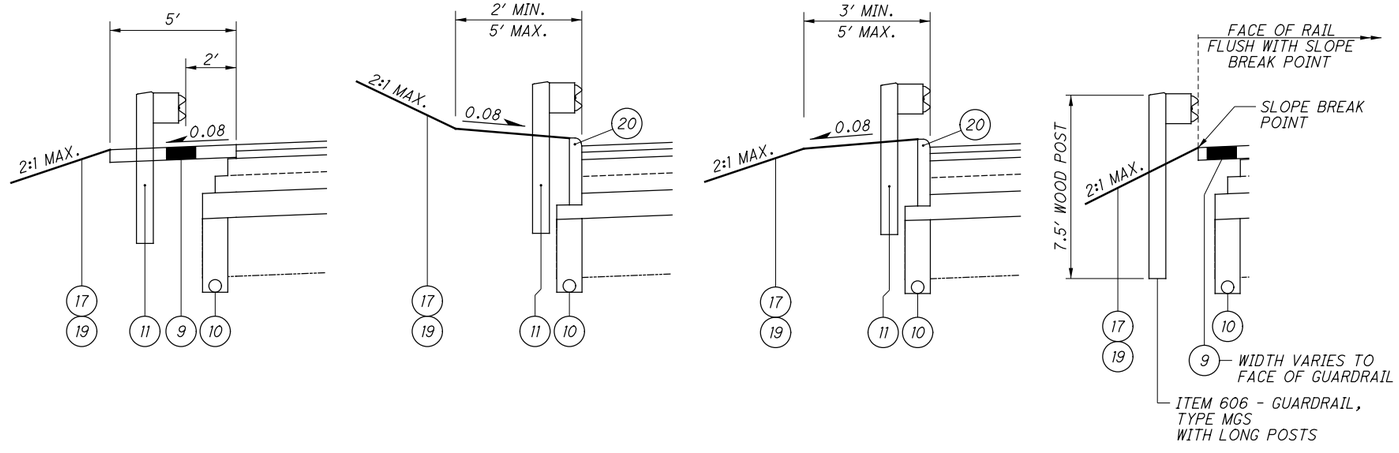
ASPHALT PAVEMENT
WITHOUT CURB
STEP DETAIL



ASPHALT PAVEMENT
WITH CURB
STEP DETAIL



ITEM 622 - CONCRETE BARRIER, TYPE D



GUARDRAIL GRADING DETAILS

TYPICAL SECTIONS - DETAILS

SUM-76/77/8-
8.24/9.74/0.00

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UTILITIES

THE UNDERGROUND UTILITIES ON THIS PLAN HAVE BEEN LOCATED BY USING A SUBSURFACE UTILITY ENGINEERING COMPANY [SUE]. IF THERE ARE ANY DISCREPANCIES BETWEEN FIELD MARKINGS AND WHAT THE PLAN INDICATES, PLEASE CONTACT MATTHEW STEELE (PHONE: 330-786-4832), DISTRICT UTILITY COORDINATOR, PRIOR TO ANY SUBSURFACE WORK BEING INITIATED. THE LOCATION OF THE UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE AS OBTAINED FROM THE OWNERS AS REQUIRED BY SECTION 153.64 O.R.C.

LISTED BELOW ARE THE UTILITIES LOCATED WITHIN THE PROJECT CONSTRUCTION LIMITS TOGETHER WITH THEIR RESPECTIVE OWNERS:

CARGILL SALT
ATTN: KERRY MORGAN
CELL (330) 780-6610
2065 MANCHESTER RD.
AKRON, OH 43082

GAS
DOMINION ENERGY
ATTN: KEVIN BIRT
OFFICE (330) 664-2409
relocation@dominionenergy.com
320 SPRINGSDALE DR., SUITE 230
AKRON, OH 44333

CITY OF AKRON BUREAU OF WATER RECLAMATION
ATTN: BRIAN GRESSER
OFFICE (330) 375-2963x7130
2460 AKRON-PENINSULA RD.
AKRON, OH 44313

ELECTRIC
FIRST ENERGY
ATTN: MICHAEL JANSON
OFFICE (330) 830-7092
jansonm@firstenergycorp.com
1910 WEST MARKET ST., BUILDING #1
AKRON, OH 44313

CITY OF AKRON - AKRON SEWER
ATTN: SCOTT DAVENPORT
OFFICE (330) 375-2769
sdavenport@akronohio.gov
2460 AKRON PENINSULA RD.
AKRON, OH 44313

AT&T OHIO
ATTN: LUCIE HINSHAW
OFFICE (330) 384-3048
50 W. BOWERY STREET, 6TH FLOOR
AKRON, OH 44308

CROWN CASTLE
ATTN: ED DALY
OFFICE (585) 397-5988
ed.daly@crowncastly.com
15565 NEO PARKWAY
GARFIELD HEIGHTS, OH 44128

G&O RESOURCES, LTD
OFFICE (330) 253-2525
96 EAST CROSIER ST.
AKRON, OH 44311

EVERFLOW EASTERN PARTNERS
OFFICE (330) 537-3863
585 W MAIN ST.
CANFIELD, OH 44406

OHIO DEPARTMENT OF TRANSPORTATION
ITS OFFICE
CEN.ITS.Lab@dot.ohio.gov
1606 WEST BROAD ST.
COLUMBUS, OH 43223
Note: Not a Member of OUPS

OHIO DEPARTMENT OF TRANSPORTATION
OFFICE OF TECHNICAL SERVICES
TRAFFIC MONITORING SECTION
ATTN: SANDRA MAPEL
OFFICE (614) 644-0291
1980 WEST BROAD ST.
COLUMBUS, OH 43223
Note: Not a Member of OUPS

CITY OF AKRON BUREAU OF WATER SUPPLY (INSPECTION)
ATTN: TONY PUGLIA
OFFICE (330) 375-2549
1460 TRIPLETT BLVD.
AKRON, OH 44306

CITY OF AKRON
UTILITY COORDINATOR
ATTN: JOSEPH KUNZLER
OFFICE (330)-375-2217
CELL (330)-690-0133
166 S. HIGH ST. AKRON, OH 44308

CITY OF AKRON
COMMUNICATIONS
ATTN: MALCOLM VALENTINE
OFFICE (330) 375-2670
FAX (330) 375-2996
JOHN HEFFERNAN
OFFICE (330) 375-2685

CITY OF AKRON - TRAFFIC ENGINEERING
OFFICE (330) 375-2851
traffic@akronohio.gov
1420 TRIPLETT BLVD., BLDG #2
AKRON, OH 44306

SUMMIT COUNTY ENGINEER'S OFFICE
ATTN: STEVE BURGESS
OFFICE (330) 808-5575
538 E. SOUTH ST.
AKRON, OH 44311

CITY OF AKRON - AKRON WATER
ATTN: JOE OKOLISH
OFFICE (330) 375-2690
jokolish@akronohio.gov
146 SOUTH HIGH STREET, ROOM 211
AKRON, OH 44308

CHARTER COMMUNICATIONS
ATTN: JIM LONG
OFFICE (330) 622-4106
james.long@charter.com
1200 BROWNSTONE AVE.
AKRON, OH 44310

VERIZON
ATTN: AL GUEST
OFFICE (330) 253-8267
allan.guest@verizon.com
120 RAVINE ST.
AKRON, OH 44303

STRAWN OILFIELD SERVICE
ATTN: GEORGE STRAWN
CELL (330) 727-1614
29093 STATE ROUTE 62
SALEM, OH 44460

OHIO DEPARTMENT OF TRANSPORTATION
DISTRICT 4
ATTN: MICHELLE CHANEY, PE
Michelle.Chaney@dot.ohio.gov
2088 SOUTH ARLINGTON ST.
AKRON, OH 44306

WORK LIMITS

THE WORK LIMITS SHOWN ON THESE PLANS ARE FOR PHYSICAL CONSTRUCTION ONLY. PROVIDE THE INSTALLATION AND OPERATION OF ALL WORK ZONE TRAFFIC CONTROL AND WORK ZONE TRAFFIC CONTROL DEVICES REQUIRED BY THESE PLANS WHETHER INSIDE OR OUTSIDE THESE WORK LIMITS.

ROADWAY NOTES

ROUNDING

THE ROUNDING AT SLOPE BREAKPOINTS SHOWN ON THE TYPICAL SECTIONS APPLIES TO ALL CROSS SECTIONS, EVEN THOUGH OTHERWISE SHOWN.

EXISTING UTILITIES AND SUBGRADE TREATMENT

THE CONTRACTOR SHALL VERIFY THE DEPTH OF ALL EXISTING UNDERGROUND UTILITIES AND SEWERS WITHIN THE PROPOSED PAVEMENT LIMITS TO ENSURE NO UTILITIES OR SEWERS ARE IMPACTED OR DAMAGED DURING CEMENT STABILIZATION AND/OR UNDERCUT ACTIVITIES. THE CONTACTOR SHALL LOCATE AND TAKE CARE TO FLAG ALL EXISTING UTILITIES WITHIN THE PROPOSED PAVEMENT LIMITS PRIOR TO PERFORMING CEMENT STABILIZATION OR UNDERCUT, AS DESIGNATED IN THE PLANS. SHOULD THE CONTRACTOR ENCOUNTER A POTENTIAL UTILITY CONFLICT, THE CONTRACTOR SHALL NOTIFY PROJECT ENGINEER AND STOP CEMENT STABILIZATION/UNDERCUT ACTIVITIES AT THE CONFLICT LOCATION IMMEDIATELY.

CONNECTION BETWEEN EXISTING AND PROPOSED GUARDRAIL

WHEN IT IS NECESSARY TO SPLICE PROPOSED GUARDRAIL TO EXISTING GUARDRAIL, ONLY THE EXISTING GUARDRAIL SHALL BE CUT, DRILLED, OR PUNCHED. THE CONNECTION SHALL BE MADE USING A W-BEAM, BEAM SPLICE AS SHOWN IN AASHTO M 180-12, EXCEPT THE BEAM WASHERS ARE NOT TO BE USED. PAYMENT SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE RESPECTIVE GUARDRAIL ITEMS.

ITEM 606 - ANCHOR ASSEMBLY, MGS TYPE B

THIS ITEM SHALL CONSIST OF FURNISHING AND INSTALLING ANY OF THE GUARDRAIL END TERMINALS FOR TYPE MGS GUARDRAIL AS LISTED ON ROADWAY ENGINEERING'S WEB PAGE UNDER ROADSIDE SAFETY DEVICES FOR APPROVED GUARDRAIL END TREATMENTS. INSTALLATION SHALL BE AT THE LOCATIONS SPECIFIED IN THE PLANS, IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.

REFER TO THE MANUFACTURER'S INSTRUCTIONS REGARDING THE INSTALLATION OF, AND THE GRADING AROUND, THE FOUNDATION TUBES AND GROUND STRUT. THE TOP OF ANY FOUNDATION TUBES SHOULD BE AN APPROPRIATE DEPTH BELOW THE LEVEL LINE IN ORDER TO MAINTAIN THE FINISHED GUARDRAIL HEIGHT OF 31 INCHES FROM THE EDGE OF SHOULDER.

ON-SITE GRADING IS REQUIRED IF THE TOP OF THE FOUNDATION TUBES OR TOP OF THE GROUND STRUT DOES PROJECT MORE THAN 4 INCHES ABOVE THE GROUND LINE.

THE FACE OF THE TYPE B IMPACT HEAD SHALL BE COVERED WITH TYPE G REFLECTIVE SHEETING, PER CMS 730.19.

PAYMENT FOR THE ABOVE WORK SHALL BE MADE AT THE UNIT PRICE BID FOR ITEM 606, ANCHOR ASSEMBLY, MGS TYPE B, EACH, AND SHALL INCLUDE ALL LABOR, TOOLS, EQUIPMENT AND MATERIALS NECESSARY TO CONSTRUCT A COMPLETE AND FUNCTIONAL ANCHOR ASSEMBLY SYSTEM, INCLUDING REFLECTIVE SHEETING AND ALL RELATED HARDWARE, GRADING, EMBANKMENT AND EXCAVATION NOT SEPARATELY SPECIFIED, AS REQUIRED BY THE MANUFACTURER.

ITEM 606 - ANCHOR ASSEMBLY, MGS TYPE E

THIS ITEM SHALL CONSIST OF FURNISHING AND INSTALLING ANY OF THE GUARDRAIL END TERMINALS FOR TYPE MGS GUARDRAIL AS LISTED ON ROADWAY ENGINEERING'S WEB PAGE UNDER ROADSIDE SAFETY DEVICES FOR APPROVED GUARDRAIL END TREATMENTS. INSTALLATION SHALL BE AT THE LOCATIONS SPECIFIED IN THE PLANS, IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.

THE FACE OF THE TYPE E IMPACT HEAD SHALL BE COVERED WITH A SHEET OF TYPE J, ASTM D4956 TYPE XI REFLECTIVE SHEETING, PER CMS 730.193.

REFER TO THE MANUFACTURER'S INSTRUCTIONS REGARDING THE INSTALLATION OF, AND THE GRADING AROUND THE FOUNDATION TUBES AND GROUND STRUT. THE TOP OF ANY FOUNDATION TUBE SHOULD BE LESS THAN 4 INCHES ABOVE THE GROUND. THE PLACEMENT OF THE FOUNDATION TUBES SHOULD BE AN APPROPRIATE DEPTH BELOW THE LEVEL LINE IN ORDER TO MAINTAIN THE FINISHED GUARDRAIL HEIGHT OF 31 INCHES FROM THE EDGE OF THE SHOULDER.

ON-SITE GRADING IS REQUIRED IF THE TOP OF THE FOUNDATION TUBES OR TOP OF THE GROUND STRUT DOES PROJECT MORE THAN 4 INCHES ABOVE THE GROUND LINE.

PAYMENT FOR THE ABOVE WORK SHALL BE MADE AT THE UNIT PRICE BID FOR ITEM 606, ANCHOR ASSEMBLY, MGS TYPE E, EACH, AND SHALL INCLUDE ALL LABOR, TOOLS, EQUIPMENT AND MATERIALS NECESSARY TO CONSTRUCT A COMPLETE AND FUNCTIONAL ANCHOR ASSEMBLY SYSTEM, INCLUDING ALL RELATED TRANSITIONS, REFLECTIVE SHEETING, HARDWARE, GRADING, EMBANKMENT AND EXCAVATION NOT SEPARATELY SPECIFIED, AS REQUIRED BY THE MANUFACTURER.

ITEM 606 - IMPACT ATTENUATOR, TYPE 2 (UNIDIRECTIONAL)

THIS ITEM SHALL CONSIST OF FURNISHING AND INSTALLING ANY OF THE TYPE 2 IMPACT ATTENUATORS AS LISTED ON THE OFFICE OF ROADWAY ENGINEERING'S WEB PAGE (REFER TO THE POSTED SHOP DRAWINGS FOR THE MOST CURRENT APPROVED PRODUCT MODELS). WHEN BI-DIRECTIONAL DESIGNS ARE SPECIFIED, THE CONTRACTOR SHALL SUPPLY APPROPRIATE TRANSITIONS. THE FACE OF THE IMPACT HEAD SHALL BE COVERED WITH TYPE G REFLECTIVE SHEETING, PER CMS 730.19.

PAYMENT FOR THE ABOVE WORK SHALL BE MADE AT THE UNIT PRICE BID FOR ITEM 606, IMPACT ATTENUATOR, TYPE 2 (60 MPH, 24", UNDIRECTIONAL), EACH, AND SHALL INCLUDE ALL LABOR, TOOLS, EQUIPMENT AND MATERIALS NECESSARY TO CONSTRUCT A COMPLETE AND FUNCTIONAL IMPACT ATTENUATOR SYSTEM, INCLUDING ALL RELATED BACKUPS/BACKSTOPS, TRANSITIONS, HARDWARE AND GRADING, NOT SEPARATELY SPECIFIED, AS REQUIRED BY THE MANUFACTURER. INSTALLATION SHALL BE AT THE LOCATIONS SPECIFIED IN THE PLANS, IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.

PAVING UNDER GUARDRAIL

THIS OPERATION SHALL INCLUDE PREPARATION OF THE GRADED SHOULDER USING ITEM 209, LINEAR GRADING, AS PER PLAN AND PAVING UNDER THE GUARDRAIL USING 411 ASHPALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448), UNDER GUARDRAIL, AS PER PLAN.

ITEM 209, LINEAR GRADING, AS PER PLAN SHALL CONSIST OF EXCAVATING TOPSOIL, AND PLACING GRANULAR MATERIAL.

ALL COLLECTED DEBRIS AND TOPSOIL, INCLUDING RHIZOMES, ROOTS AND OTHER VEGETATIVE PLANT MATERIAL SHALL BE REMOVED AND DISPOSED OF AS SPECIFIED IN 105.17.

THE REMOVED MATERIAL SHALL BE REPLACED WITH COMPACTABLE GRANULAR MATERIAL CONFORMING TO 703.16 PLACED TO GRADE AS DETAILED ON THE TYPICAL SECTION OR AS APPROVED BY THE ENGINEER.

PAVING UNDER GUARDRAIL (CONT'D)

ALL EQUIPMENT, MATERIALS AND LABOR REQUIRED TO PERFORM THE WORK OUTLINED ABOVE SHALL BE INCLUDED FOR PAYMENT UNDER ITEM 209, LINEAR GRADING, AS PER PLAN.
PAVING UNDER GUARDRAIL SHALL CONSIST OF PLACING ITEM 441 TO THE DEPTH SPECIFIED USING ONE OF THE FOLLOWING METHODS:

METHOD A:
1. SET GUARDRAIL POSTS
2. PLACE ITEM 441

METHOD B:
1. PLACE ITEM 441
2. BORE ASPHALT AT POST LOCATIONS (MAY BE OMITTED IF STEEL POSTS ARE USED)
3. SET GUARDRAIL POSTS
4. PATCH AROUND POSTS. THE MATERIALS USED FOR PATCHING SHALL BE AN ASPHALT CONCRETE APPROVED BY THE ENGINEER. PATCHED AREAS SHALL BE COMPACTED USING EITHER HAND OR MECHANICAL METHODS. FINISHED SURFACES SHALL BE SMOOTH AND SLOPED TO DRAIN AWAY FROM THE POSTS.

ALL EQUIPMENT, MATERIALS AND LABOR REQUIRED TO PERFORM THE WORK OUTLINED ABOVE, WITH THE EXCEPTION OF SETTING GUARDRAIL POSTS, SHALL BE INCLUDED FOR PAYMENT UNDER ITEM 441, ASPHALT CONCRETE, INTERMEDIATE COURSE, TYPE 1(448), UNDER GUARDRAIL, AS PER PLAN.

ITEM SPECIAL - MISC.: VERTICAL CLEARANCE

BEFORE ANY CONSTRUCTION TAKES PLACE AND AFTER ALL CONSTRUCTION HAS BEEN COMPLETED, A REGISTERED SURVEYOR WILL TAKE VERTICAL CLEARANCE MEASUREMENTS AT LOCATIONS INDICATED ON THE APPROVED ODOT FORM (AVAILABLE IN THE DISTRICT 4 STRUCTURES AND PAVEMENT OFFICE). THE FINAL MEASUREMENTS SHALL BE RECORDED ON THE FORM AND SUBMITTED TO THE PROJECT ENGINEER AND THE DISTRICT 4 STRUCTURES AND PAVEMENT ENGINEER. THE RECORD SHALL BEAR THE SEAL OF THE LICENSED SURVEYOR WHO HAS TAKEN THE MEASUREMENTS. THE WORK SHALL BE PERFORMED AT ALL OF THE OVERHEAD STRUCTURES WITHIN THE PROJECT LIMITS.

EROSION CONTROL NOTES

SEEDING AND MULCHING

SEEDING AND MULCHING SHALL BE APPLIED TO ALL AREAS OF EXPOSED SOIL BETWEEN THE RIGHT-OF-WAY LINES, AND WITHIN THE CONSTRUCTION LIMITS FOR AREAS OUTSIDE THE RIGHT-OF-WAY LINES COVERED BY WORK AGREEMENT OR SLOPE EASEMENT. QUANTITY CALCULATIONS FOR SEEDING AND MULCHING ARE BASED ON THESE LIMITS.

PAVEMENT NOTES

ITEM 304 - AGGREGATE BASE, AS PER PLAN

GRANULATED SLAG (GS) SHALL NOT BE PERMITTED FOR THIS ITEM. ALL OTHER REQUIREMENTS OF SECTIONS 304 AND 703.17 OF THE CONSTRUCTION AND MATERIAL SPECIFICATIONS SHALL STILL BE APPLICABLE.

ISSUE RECORD:

NO.	DATE	DESCRIPTION

CALCULATED SRB
CHECKED JFM

GENERAL NOTES

2026-03-24 - BU-32 - RECORD DRAWING PLANS

SUM-76/77/8-
8.24/9.74/0.00

PARSONS

PAVEMENT NOTES (CONT'D)

ITEM 442 - ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (447), AS PER PLAN

703.05 DO NOT USE COARSE AGGREGATE FROM A SOURCE DESIGNATED 'SR' OR 'SRH' ACCORDING TO THE OFFICE OF MATERIALS MANAGEMENT (OMM) IN ANY JOB MIX FORMULA (JMF) FOR THIS ITEM.

ITEM 617 - COMPACTED AGGREGATE, AS PER PLAN

IN LOW SHOULDER AREAS EXCEEDING 1", AND ADJACENT TO THE SAFETY EDGE, RECYCLED ASPHALT PAVEMENT (RAP) SHALL BE USED IN AREAS ADJACENT TO THE PAVED BERM. THE RAP SHALL HAVE A MINIMUM PG CONTENT OF 4.5% AND MEET THE FOLLOWING GRADATION. ONCE THE STOCKPILE MEETS THE GRADATION, THE PG CONTENT OF THE RAP SHALL BE DETERMINED PER 441.03. THE RAP ANALYSIS MUST BE SUBMITTED TO THE ENGINEER FOR APPROVAL 2 WEEKS PRIOR TO USE. PLACEMENT AND COMPACTION SHALL MEET THE REQUIREMENTS OF ITEM 617.

MODIFIED GRADATION SHALL APPLY:

SIEVE	TOTAL PERCENT PASSING
1-1/2"	100
3/4"	50-100
NO 4	35-70
NO 30	9-33
NO 200	0-13

ITEM 408 - PRIME COAT, AS PER PLAN

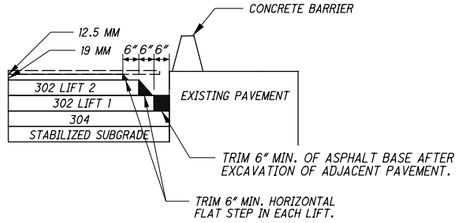
APPLY "MC-70" AT A RATE OF 0.4 GALLONS PER SQUARE YARD, OR AS DETERMINED BY THE ENGINEER, TO THE COMPLETED COMPACTED AGGREGATE SHOULDER.

ADVANCED NOTICE TO PAVE

THE CONTRACTOR SHALL SUBMIT FOR APPROVAL TO THE DISTRICT CONSTRUCTION ENGINEER A DETAILED SCHEDULE 15 DAYS PRIOR TO THE PLACEMENT OF THE OVERLAY COURSES, ON HOW THEY PROPOSE TO PROSECUTE THE PAVING OPERATIONS. THE DETAILS SHALL SHOW THE ORDER OF PERFORMANCE OF EACH STAGE (START TO FINISH) OF THE WORK INCLUDING THE MAINTENANCE OF TRAFFIC THAT WILL BE USED.

PHASE JOINT FOR ASPHALT PAVING

PER THE PHASING JOINT DETAIL, BEFORE PAVING AGAINST THE PHASE JOINT, THE CONTRACTOR SHALL MILL OUT THE UNCONSOLIDATED EDGE OF EACH PAVEMENT COURSE TO PROVIDE THE APPROPRIATE STEPS INT PAVEMENT JOINT, WHILE REMOVING THE UNCONSOLIDATED MATERIAL, PER THE DETAIL SHOWN UPON COMPLETION OF THE MILLING, THE VERTICAL FACES SHALL BE SEALED WITH SUPPLEMENTAL SPECIFICATION 875.02 HOT APPLIED ASPHALT JOINT ADHESIVE TO PROVIDE 100% COVERAGE OF THE JOINTS. THE COST FOR THE MILLING AND SEALING SHALL BE INCIDENTAL TO THE COST OF THE PAVEMENT ITEMS.



PHASING JOINT DETAIL

ITEM 442 - ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446), AS PER PLAN

ON THIS PROJECT SUPPLY A 19MM INTERMEDIATE COURSE MEETING THE REQUIREMENTS OF 442 EXCEPT AS MODIFIED BELOW. MODIFY TABLE 442.02-2 AS FOLLOWS:

Sieve Size		9.5 mm mix	12.5 mm mix	19 mm mix
		Total Percent Passing		
1 1/2 inch	(38 mm)	-	-	100
3/4 inch	(19 mm)	-	100	95 to 100
1/2 inch	(12.5 mm)	100	95 to 100	90 to 100
3/8 inch	(9.5 mm)	90 to 100	96 max	96 max
No. 4	(4.75 mm)	70 max	52 to 65	60 max
No. 8	(2.36 mm)	34 to 52	34 to 45	34 to 45
No. 200	(75 µm)	2 to 8	2 to 8	2 to 8

MODIFY TABLE 442.02-3 AS FOLLOWS:
- APPLY 14.0 FOR A VMA (PERCENT MINIMUM) FOR A 19MM MIX.
- APPLY 5.3 PERCENT FOR THE MINIMUM TOTAL ASPHALT BINDER CONTENT FOR A 19MM MIX.

MODIFY THE 442 INTERMEDIATE COURSE REQUIREMENTS OF TABLES 401.04-1 AND 401.04-2 AS FOLLOWS:
- APPLY 3.5 PERCENT FOR THE TOTAL VIRGIN ASPHALT BINDER CONTENT, MINIMUM.
- USE A PG 64-22 IF USING 25 PERCENT OR LESS RAP. USE PG 64-28 IF USING GREATER THAN 25 PERCENT RAP.

PART-WIDTH CONSTRUCTION

BECAUSE OF THE NECESSITY TO BUILD THIS PROJECT UNDER TRAFFIC AND TO CONSTRUCT THE FULL PAVEMENT WIDTH IN STAGES, EXERCISE CARE TO PREVENT THE CONSTRUCTION OF A BUTT JOINT IN THE BASE COURSES. LAP LONGITUDINAL JOINTS AS SHOWN ON STANDARD CONSTRUCTION DRAWING BP-3.1.

ITEM 251 - PARTIAL DEPTH PAVEMENT REPAIR (442)

THIS ITEM SHALL CONSIST OF REPAIRING EXISTING LOCATIONS EXHIBITING SURFACE DETERIORATION AND PLACING ITEM 442 ASPHALT CONCRETE, TYPE A. THE ASPHALT SHALL BE COMPACTED WITH A TYPE I PNEUMATIC TIRE ROLLER AND A STEEL WHEEL ROLLER AS PER CMS 401.13. IT IS NOT THE INTENT TO REPAIR EVERY DETERIORATED AREA WITHIN THE RESURFACING LIMITS OF THE PROJECT. THE ENGINEER SHALL DETERMINE WHICH AREAS ARE TO BE REPAIRED. UNLESS OTHERWISE DIRECTED BY THE ENGINEER, THIS ITEM SHALL BE PERFORMED AFTER COMPLETION OF PAVEMENT PLANING. ALSO, THIS ITEM SHALL COMMENCE WITHIN SEVEN (7) DAYS OF THE COMPLETION OF SAID PLANING. PAYMENT SHALL BE BASED ON THE ACTUAL NUMBER OF SQUARE YARDS OF PAVEMENT REPAIR.

DRAINAGE NOTES

REVIEW OF DRAINAGE FACILITIES

BEFORE ANY WORK IS STARTED ON THE PROJECT AND AGAIN BEFORE FINAL ACCEPTANCE BY THE STATE, REPRESENTATIVES OF THE STATE AND THE CONTRACTOR, ALONG WITH LOCAL REPRESENTATIVES, SHALL MAKE AN INSPECTION OF ALL EXISTING SEWERS WHICH ARE TO REMAIN IN SERVICE AND WHICH MAY BE AFFECTED BY THE WORK. THE CONDITION OF THE EXISTING CONDUITS AND THEIR APPURTENANCE SHALL BE DETERMINED FROM FIELD OBSERVATIONS. RECORDS OF THE INSPECTION SHALL BE KEPT IN WRITING BY THE STATE.

ALL NEW CONDUITS, INLETS, CATCH BASINS, AND MANHOLES CONSTRUCTED AS A PART OF THE PROJECT SHALL BE FREE OF ALL FOREIGN MATTER AND IN A CLEAN CONDITION BEFORE THE PROJECT WILL BE ACCEPTED BY THE STATE.

REVIEW OF DRAINAGE FACILITIES (CONT'D)

ALL EXISTING SEWERS INSPECTED INITIALLY BY THE ABOVE MENTIONED PARTIES SHALL BE MAINTAINED AND LEFT IN A CONDITION REASONABLY COMPARABLE TO THAT DETERMINED BY THE ORIGINAL INSPECTION. ANY CHANGE IN THE CONDITION RESULTING FROM THE CONTRACTOR'S OPERATIONS SHALL BE CORRECTED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER.

PAYMENT FOR ALL OPERATIONS DESCRIBED ABOVE SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE PERTINENT 611 CONDUIT ITEMS.

EXISTING SUBSURFACE DRAINAGE

PROVIDE UNOBSTRUCTED OUTLETS FOR ALL EXISTING UNDERDRAINS OR AGGREGATE DRAINS ENCOUNTERED DURING CONSTRUCTION.

PROVIDE AN OUTLET PER STANDARD CONSTRUCTION DRAWING DM-1.1 FOR ALL UNDERDRAINS THAT OUTLET TO A SLOPE. UNDERDRAINS THAT CAN BE CONNECTED TO THE NEW OR EXISTING UNDERDRAINS AT THE END OF THE PROJECT LIMITS AS WELL AS ALL NECESSARY BENDS OR BRANCHES REQUIRED FOR CONNECTION ARE INCLUDED IN THE BASIS OF PAYMENT FOR UNCLASSIFIED PIPE UNDERDRAINS.

ITEM SPECIAL - PIPE CLEANOUT

THIS WORK SHALL CONSIST OF REMOVING SEDIMENT AND DEBRIS FROM THE EXISTING DRAINAGE CONDUITS SPECIFIED IN THE PLANS. ALL MATERIAL REMOVED SHALL BE DISPOSED OF AS PER 105.16 AND 105.17. ALL SEWERS SHALL BE CLEANED OUT TO THE SATISFACTION OF THE ENGINEER.

ENVIRONMENTAL NOTES

COMMUNITY NOTIFICATION

THE CONTRACTOR WILL ADVISE THE ODOT PROJECT ENGINEER A MINIMUM OF FOURTEEN (14) DAYS PRIOR TO THE START OF CONSTRUCTION ACTIVITIES. THE CONTRACTOR MUST ALSO PROVIDE NOTIFICATION TO THE ODOT PROJECT ENGINEER A MINIMUM OF FOURTEEN (14) DAYS PRIOR TO ANY LANE RESTRICTIONS. THE ODOT PROJECT ENGINEER WILL FORWARD THE INFORMATION TO THE ODOT, DISTRICT 4 OFFICE OF PUBLIC INFORMATION FOR USE TO NOTIFY EMERGENCY SERVICES AND THE COMMUNITY A MINIMUM OF FOURTEEN (14) DAYS PRIOR TO THE START OF PROJECT CONSTRUCTION. INCLUDED IN THIS NOTIFICATION WILL BE THE PROPOSED LANE RESTRICTIONS.

REMOVAL OF TEMPORARY EROSION CONTROL ITEMS

ALL TEMPORARY EROSION CONTROL ITEMS SHALL BE REMOVED BEFORE THE PROJECT IS ACCEPTED. REMOVED MATERIALS SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF IN ACCORDANCE WITH THE APPROPRIATE C&MS SPECIFICATIONS.

WATERWAY PERMITS

THE WATERWAY PERMITS WILL BE OBTAINED BY ODOT PRIOR TO CONSTRUCTION. THE PROJECT WILL BE COVERED UNDER ODOT REGIONAL GENERAL PERMIT - B.

FLOODPLAIN COORDINATION

FLOODPLAIN COORDINATION IS COMPLETE, AND NO FLOODPLAIN PERMIT IS NEEDED.

MAINTENANCE OF PEDESTRIAN TRAFFIC

THE DESIGN-BUILD TEAM WILL INCORPORATE A NOTE INTO THE PROJECT CONSTRUCTION PLANS TO MAINTAIN ESTABLISHED PEDESTRIAN TRAFFIC THROUGH AND ALONG THE IR 76, IR 77 AND SR 8 CONSTRUCTION CORRIDORS AT ALL TIMES DURING PROJECT CONSTRUCTION, AS APPROPRIATE.

ISSUE RECORD:

NO.	DATE	DESCRIPTION

ENDANGERED SPECIES HABITAT

INDIANA BAT/NORTHERN LONG-EARED BAT: THE PROJECT IS LOCATED WITHIN THE KNOWN HABITAT RANGES OF THE FEDERALLY LISTED AND PROTECTED INDIANA BAT AND NORTHERN LONG-EARED BAT. NO TREES SHALL BE REMOVED FROM APRIL 1 THROUGH SEPTEMBER 30. ALL NECESSARY TREE REMOVAL SHALL OCCUR FROM OCTOBER 1 THROUGH MARCH 31. THIS REQUIREMENT IS NECESSARY TO AVOID AND MINIMIZE IMPACTS TO THESE SPECIES AS REQUIRED BY THE ENDANGERED SPECIES ACT. FOR THE PURPOSES OF THIS NOTE, A TREE IS DEFINED AS A LIVE, DYING, OR DEAD WOODY PLANT, WITH A TRUNK THREE INCHES OR GREATER IN DIAMETER AT A HEIGHT OF 4.5 FEET ABOVE THE GROUND SURFACE, AND WITH A MINIMUM HEIGHT OF 13 FEET.

WETLANDS AVOIDANCE

NO EXCAVATION, GRADING, OR FILLING OPERATIONS SHALL BE PERFORMED IN WETLAND D DELINEATED BEYOND THE PROJECT CONSTRUCTION LIMITS AND DEPICTED IN THE PROJECT PLANS. TO PROTECT AND DELINEATE THE BOUNDARIES OF THE EXISTING RESOURCE, A FILTER FABRIC FENCE AND TEMPORARY CONSTRUCTION FENCE PER SUPPLEMENTAL SPECIFICATION 832, SHALL BE INSTALLED AT THE PROPOSED BOUNDARIES, WHEN PRACTICABLE, PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITIES, INCLUDING ANY NECESSARY CLEARING AND GRUBBING ACTIVITIES, AND BE MAINTAINED BY THE CONTRACTOR THROUGHOUT PROJECT CONSTRUCTION. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR STORE EQUIPMENT AND/OR MATERIALS IN ANY WETLANDS, ETC. ODOT CONSTRUCTION AND MATERIALS SPECIFICATIONS SECTION 107.10 (PROTECTION AND RESTORATION OF PROPERTY) PROHIBIT THE CONTRACTOR FROM CREATING STAGING AREAS NEAR STREAMS AND/OR WETLANDS.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT

THE DBT SHALL SUBMIT TO THE ODOT PROJECT MANAGER THE TOTAL NUMBER OF ACRES OF EARTH DISTURBANCE ACTIVITIES FOR BOTH OFF PROJECT AND ON PROJECT WORK IN A TIMELY MANNER. THIS INFORMATION WILL BE USED TO DEVELOP THE NOI IF REQUIRED. THE NOI WILL BE SUBMITTED TO THE OEPA WITHIN 10 DAYS AFTER THIS INFORMATION IS RECEIVED FROM THE DBT. APPROVAL FROM THE OEPA TAKES 21 DAYS AND THE ODOT PROJECT MANAGER HAS 10 DAYS TO FILE THE NOI SO THESE 31 DAYS WILL BE COUNTED FOR IN THE PROJECT.

ALL TEMPORARY EROSION CONTROL IS THE RESPONSIBILITY OF THE CONTRACTOR EVEN IF A SWPPP IS NOT REQUIRED. EARTH DISTURBING ACTIVITY IS NOT PERMITTED PRIOR TO THE OEPA PERMIT APPROVAL. FOR PROJECTS THAT REQUIRE AN NOI, THE SWPPP MUST BE IN PLACE PRIOR TO THE INITIATION OF ANY EARTH DISTURBING ACTIVITY. ALL TEMPORARY EROSION CONTROL WORK AND THE SWPPP IF REQUIRED WILL BE PER SS832. FOR INFORMATION ABOUT OEPA'S NPDES PERMIT REQUIREMENTS SEE HTTPS://WWW.EPA.OHIO.GOV/DSW/STORM/INDEX

ITEMS USED TO IMPLEMENT THE DBT'S EROSION CONTROL REQUIREMENTS ARE PAID FROM AN ENCUMBERED AMOUNT INCLUDED IN THE PROPOSAL AS A NON-BID REFERENCE NUMBER. THE PROPOSAL SPECIFIES THE UNIT PRICES FOR THE EROSION CONTROL ITEMS. PAYMENTS FOR EROSION CONTROL ITEMS THAT EXCEED THE ENCUMBERED AMOUNT WILL BE MADE BY AN EXTRA WORK CHANGE ORDER USING THE SPECIFIED UNIT PRICES. THE SPECIFIED UNIT PRICES ARE FIXED FOR THE CONTRACT AND MAY NOT BE NEGOTIATED OR ADJUSTED FOR INFLATION OR CLAIMED CHANGED CONDITION.

THE PREPARATION OF THE SWPPP, ALONG WITH ALL REQUIREMENTS OF SS832 FOR MAINTAINING, INSPECTING, MODIFYING AND UPDATING THE SWPPP ARE CONSIDERED INCIDENTAL TO THE PROJECT.

CALCULATED SRB CHECKED JFM

GENERAL NOTES

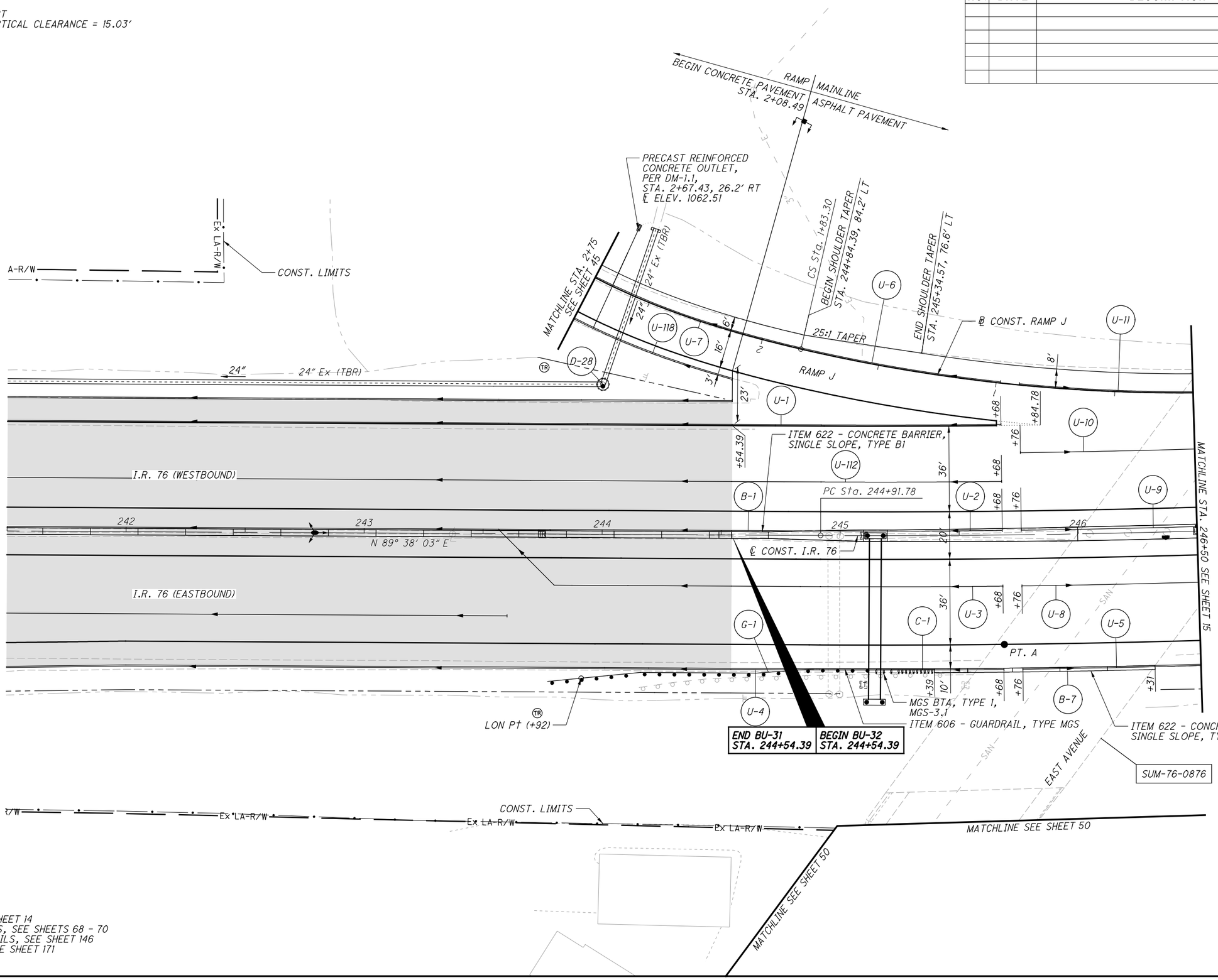
2026-03-24 - BU-32 - RECORD DRAWING PLANS

SUM-76/77/8-
8.24/9.74/0.00

PARSONS
pw:\\VANVA01PWINT01.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Roadway\Sheets\BU-32\102329_BU-32_GN002.dgn - 2/16/2022 4:43:49 PM - p007870A

PT. A =
STA. 245+68.47, 46.00' RT
PROP. POINT OF MIN. VERTICAL CLEARANCE = 15.03'

ISSUE RECORD:		
NO.	DATE	DESCRIPTION



CROSS REFERENCES:
FOR I-76 PROFILE, SEE SHEET 14
FOR I-76 CROSS-SECTIONS, SEE SHEETS 68 - 70
FOR RAMP TERMINAL DETAILS, SEE SHEET 146
FOR BARRIER DETAILS, SEE SHEET 171

HORIZONTAL SCALE IN FEET
0 10 20 40

CALCULATED GLW
CHECKED SRB

PLAN - I.R. 76
STA. 241+50 TO STA. 246+50

SUM-76/77/8-
8.24/9.74/0.00

2026-03-24 - BU-32 - RECORD DRAWING PLANS

PARSONS
pw:\\VANVAOIPWINT01.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Roadway\Sheets\BU-32\102329_BU-32_GP101.dgn-2/17/2022-8:40:52 AM-p007870A

BU-32

ISSUE RECORD:		
NO.	DATE	DESCRIPTION

CALCULATED SGM
CHECKED JDD

PROFILE - I.R. 76
STA. 241+50 TO STA. 246+50

SUM-76/77/8-8.24/9.74/0.00

2026-03-24 - BU-32 - RECORD DRAWING PLANS

P.V.I. STA 241+28.00
ELEV = 1,070.19'
1,150.00' VC
K = 294
H.P. STA. 245+72.13
H.P. ELEV 1,067.92'

EAST AVE.
EX. VC = 14.78'
PR. VC = 15.03'
EX. BRIDGE
SUM-76-0876

EX. PROFILE GRADE
PR. PROFILE GRADE
+3.46 %
-0.44 %

D-28
STA 244+00.00, 63.00' LT
MH-3, RIM ELEV 1066.46
24" (N) 1059.97
24" (W) 1059.97

1061.00
2+60.00, 29.64' RT
HW-2.2

300'-24" TYPE C @ 2.16%
69'-24" TYPE B @ 1.49%

END BU-31 BEGIN BU-32
STA. 244+54.39 ELEV. 1067.76

MATCHLINE STA. 246+50, SEE SHEET 16

1,110 1,105 1,100 1,095 1,090 1,085 1,080 1,075 1,070 1,065 1,060 1,055 1,050 1,045 1,040 1,035 1,030 1,025 1,020 1,015

1065.24 1065.57 1065.87 1066.16 1066.42 1066.66 1066.88 1067.08 1067.26 1067.42 1067.55 1067.67 1067.76 1067.83 1067.88 1067.91 1067.92 1067.91 1067.87 1067.82

1066.06 1066.63 1067.21 1067.64 1067.93 1068.19 1068.42 1068.52 1068.56 1068.59

242 243 244 245 246

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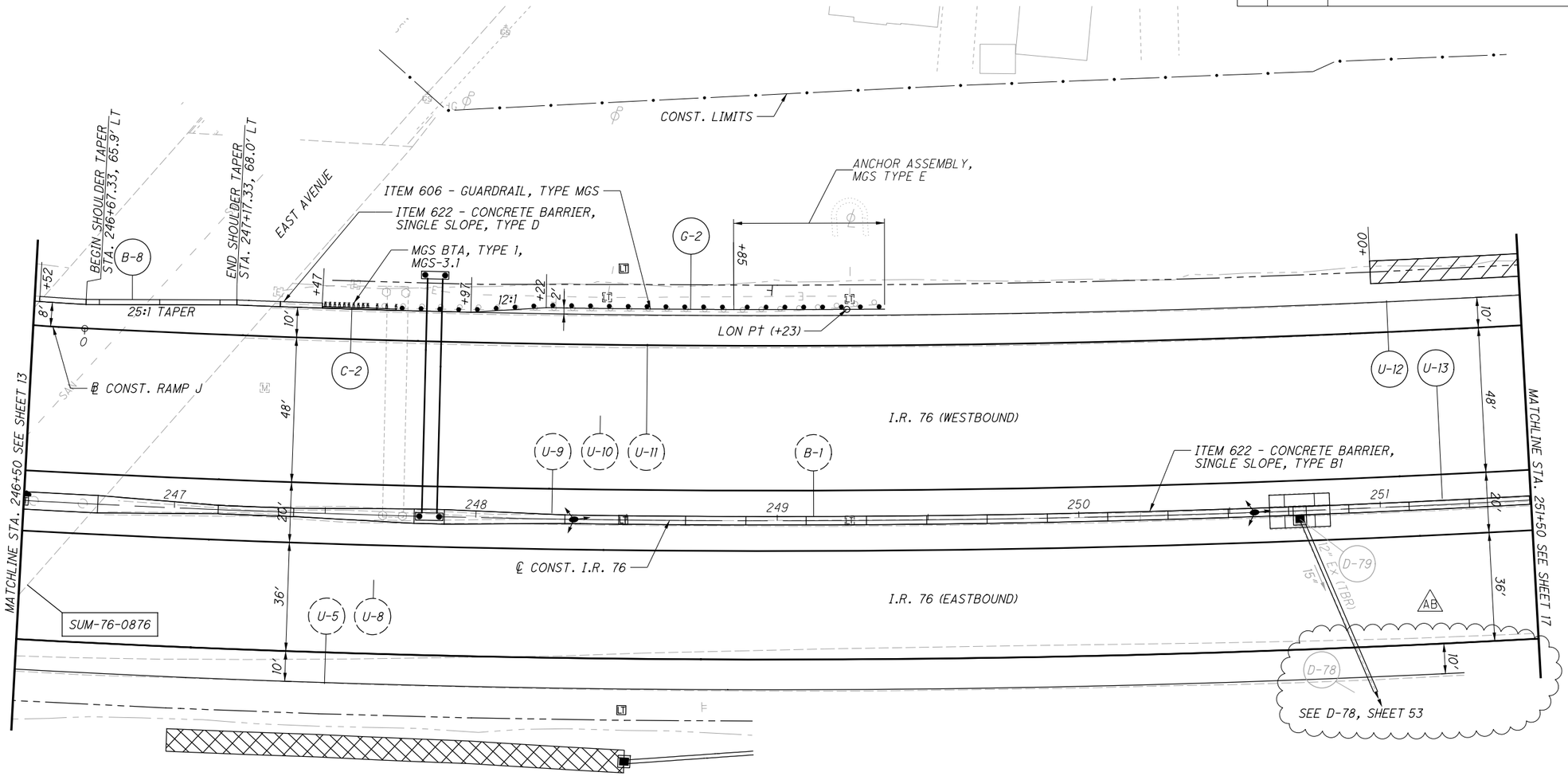
BU-32

ISSUE RECORD:		
NO.	DATE	DESCRIPTION
AB	9/22/25	RAMP L REDESIGN



ITEM 670 - DITCH EROSION PROTECTION

CROSS REFERENCES:

FOR I-76 PROFILE, SEE SHEET 16
FOR I-76 CROSS-SECTIONS, SEE SHEETS 70 - 73
FOR RAMP TERMINAL DETAILS, SEE SHEET 146
FOR BARRIER DETAILS, SEE SHEET 172

HORIZONTAL SCALE IN FEET
0 10 20 40

CALCULATED GLW
CHECKED SRB

PLAN - I.R. 76
STA. 246+50 TO STA. 251+50

SUM-76/77/8-
8.24/9.74/0.00

15
188

2026-03-24 - BU-32 - RECORD DRAWING PLANS

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BU-32

ISSUE RECORD:		
NO.	DATE	DESCRIPTION
AB	9/22/25	RAMP L REDESIGN

P.V.I. STA 241+28.00
ELEV = 1,070.19'
1,150.00' VC
K = 294
H.P. STA. 245+72.13
H.P. ELEV 1,067.92'

EAST AVE.

EX. BRIDGE
SUM-76-0876

EX. VC = 14.78'
PR. VC = 15.03'

P.V.C./P.V.T.
STA. 247+03.00
ELEV. 1067.63

P.V.I. STA 251+73.00
ELEV = 1,065.54'
940.00' VC
K = 287
H.P. STA. 247+03.00
H.P. ELEV 1,067.63'

MATCHLINE STA. 246+50, SEE SHEET 14

EX. PROFILE GRADE

PR. PROFILE GRADE

D-78A
STA 248+49.96, 80.04' RT
CB-8, RIM ELEV 1065.37
15" (E) 1062.12

D-76
STA 251+11.81, 110.43' RT
MH-3, RIM ELEV 1063.70
15" (NW) 1058.28
30" (E) 1057.03
18" (S) 1058.03

D-79

D-78

-0.44 %

252'-15" TYPE B @ 1.40%

AB

MATCHLINE STA. 251+50, SEE SHEET 18

1,110 1,105 1,100 1,095 1,090 1,085 1,080 1,075 1,070 1,065 1,060 1,055 1,050 1,045 1,040 1,035 1,030 1,025 1,020 1,015

1067.74 1067.64 1067.52 1067.38 1067.22 1067.04 1066.83 1066.60 1066.35 1066.08 1065.79 1065.47 1065.13 1064.77 1064.39 1063.99 1063.57 1063.12 1062.66 1062.17

1068.23 1068.04 1067.63 1067.23 1066.73 1066.09 1065.33 1064.57 1063.64 1062.71

247 248 249 250 251

CALCULATED SGM
CHECKED JDD

PROFILE - I.R. 76
STA. 246+50 TO STA. 251+50

SUM-76/77/8-
8.24/9.74/0.00

16
188

2026-03-24 - BU-32 - RECORD DRAWING PLANS

PARSONS
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ISSUE RECORD:		
NO.	DATE	DESCRIPTION
AB	9/22/25	RAMP L REDESIGN

PT. A =
STA. 256+16.41, 58.00' LT
PROP. POINT OF MIN. VERTICAL CLEARANCE = 15.07'

Ex R/W
Ex LA-R/W
CONST. LIMITS
PRECAST REINFORCED CONCRETE OUTLET, PER DM-1.1, STA. 254+06.85, 76' LT ℄ ELEV. 1052.06
ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE D
ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE B1
I.R. 76 (WESTBOUND)
I.R. 76 (EASTBOUND)
℄ CONST. I.R. 76
℄ CONST. RAMP L
RAMP L
PT. A
MATCHLINE STA. 251+50 SEE SHEET 15
MATCHLINE STA. 256+50 SEE SHEET 19
MATCHLINE STA. 551+25 SEE SHEET 53
552+00.00 Sta
552+30.00
U-5 U-8 U-10 U-11 U-12 U-13 U-14 U-15 U-16 U-17 U-18 U-19 U-19A U-20 U-21 U-22 U-105 U-106
B-1 B-9 B-10
D-71 D-71B D-72 D-73 D-73A D-75
SUM-76-0894
Ex CB (TBR)
15" Ex (TBR)
12" Ex (TBR)
30" Ex (TBR)
ANCHOR ASSEMBLY, MGS TYPE E
MGS BTA, TYPE 1, MGS-3.1
6" DIKE PER SCD CB-3.3
ITEM 670 - DITCH EROSION PROTECTION
ITEM 836 - SEEDING AND EROSION CONTROL WITH TURF REINFORCING MAT, TYPE 1

CROSS REFERENCES:
FOR I-76 PROFILE, SEE SHEET 18
FOR I-76 CROSS-SECTIONS, SEE SHEETS 73 - 77
FOR RAMP TERMINAL DETAILS, SEE SHEET 147
FOR BARRIER DETAILS, SEE SHEET 173
FOR STORM SEWER PROFILES, SEE 167

HORIZONTAL SCALE IN FEET
0 10 20 40
CALCULATED GLW
CHECKED SRB

PLAN - I.R. 76
STA. 251+50 TO STA. 256+50

2026-03-24 - BU-32 - RECORD DRAWING PLANS

SUM-76/77/8-8.24/9.74/0.00

17
188

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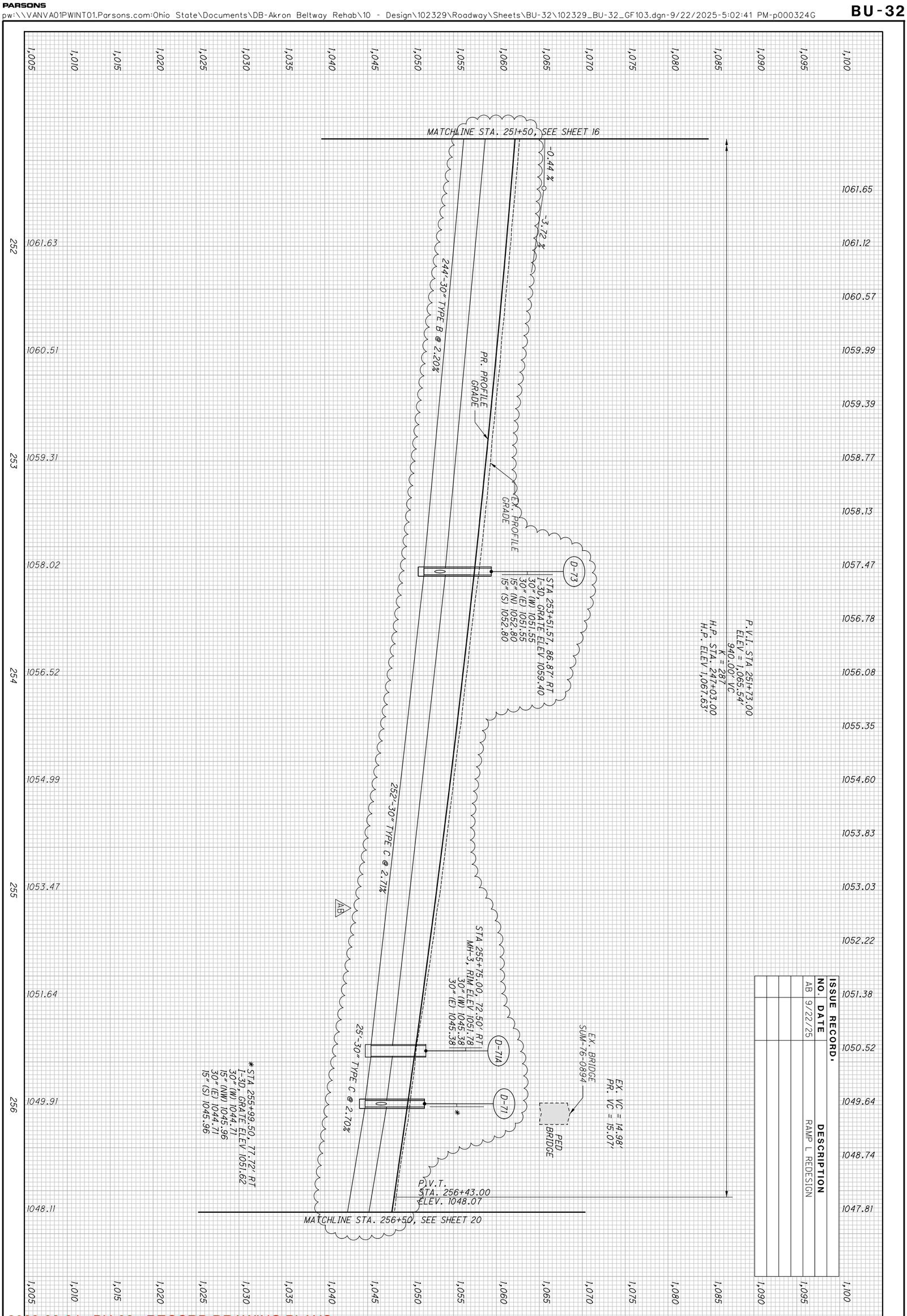


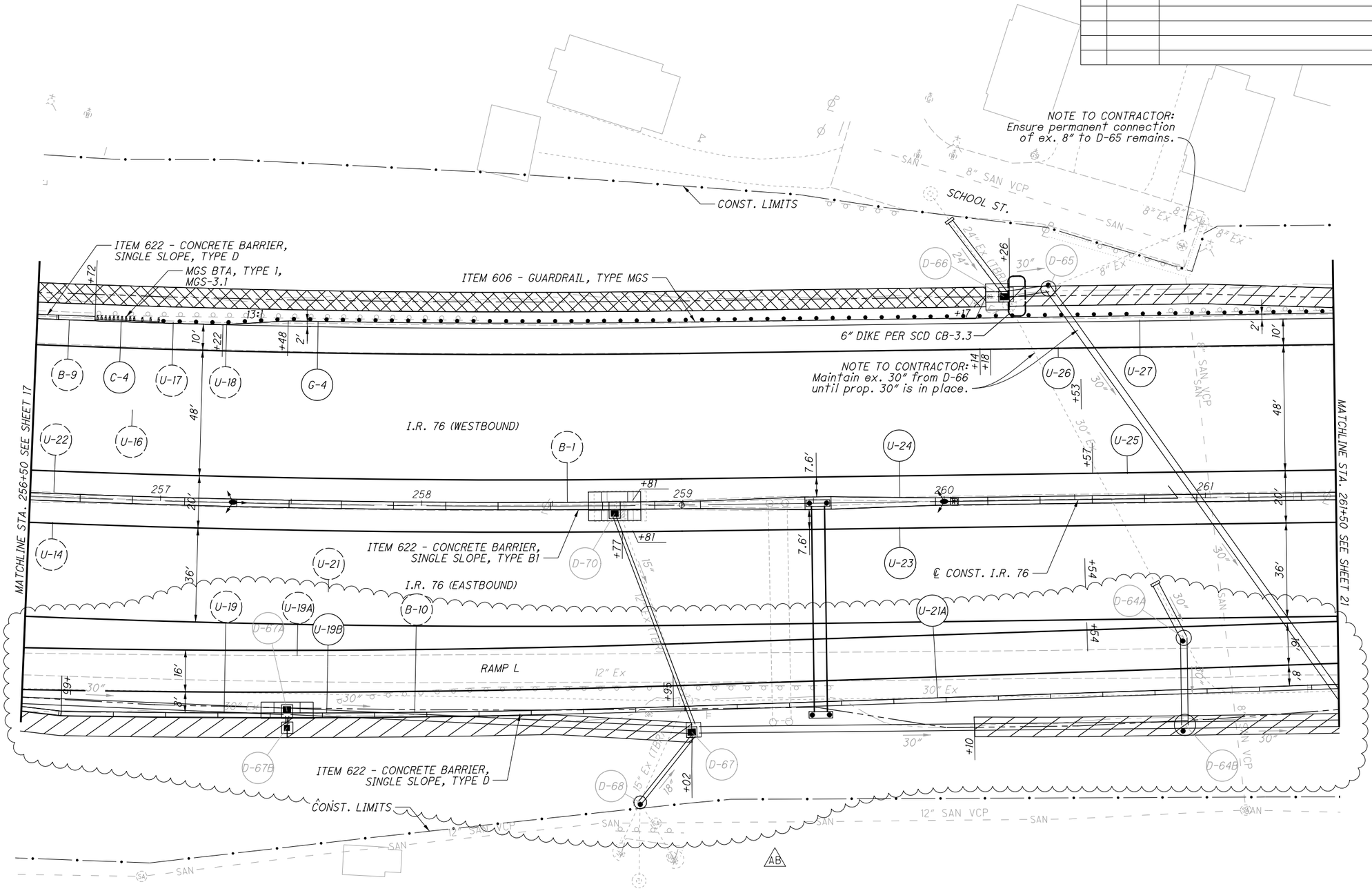
ISSUE RECORD:		
NO.	DATE	DESCRIPTION
AB	9/22/25	RAMP L REDESIGN

2026-03-24 - BU-32 - RECORD DRAWING PLANS

18 / 188	SUM-76/77/8- 8.24/9.74/0.00	PROFILE - I.R. 76 STA. 251+50 TO STA. 256+50	CALCULATED SGM CHECKED JDD

BU-32

ISSUE RECORD:		
NO.	DATE	DESCRIPTION
AB	9/22/25	RAMP L REDESIGN



ITEM 670 - DITCH EROSION PROTECTION
ITEM 836 - SEEDING AND EROSION CONTROL WITH TURF REINFORCING MAT, TYPE 1

CROSS REFERENCES:
FOR I-76 PROFILE, SEE SHEET 20
FOR I-76 CROSS-SECTIONS, SEE SHEETS 77 - 81
FOR RAMP TERMINAL DETAILS, SEE SHEET 147
FOR BARRIER DETAILS, SEE SHEET 174

HORIZONTAL SCALE IN FEET
0 10 20 40

CALCULATED GLW
CHECKED SRB

PLAN - I.R. 76
STA. 256+50 TO STA. 261+50

2026-03-24 - BU-32 - RECORD DRAWING PLANS

SUM-76/77/8-
8.24/9.74/0.00

19
188

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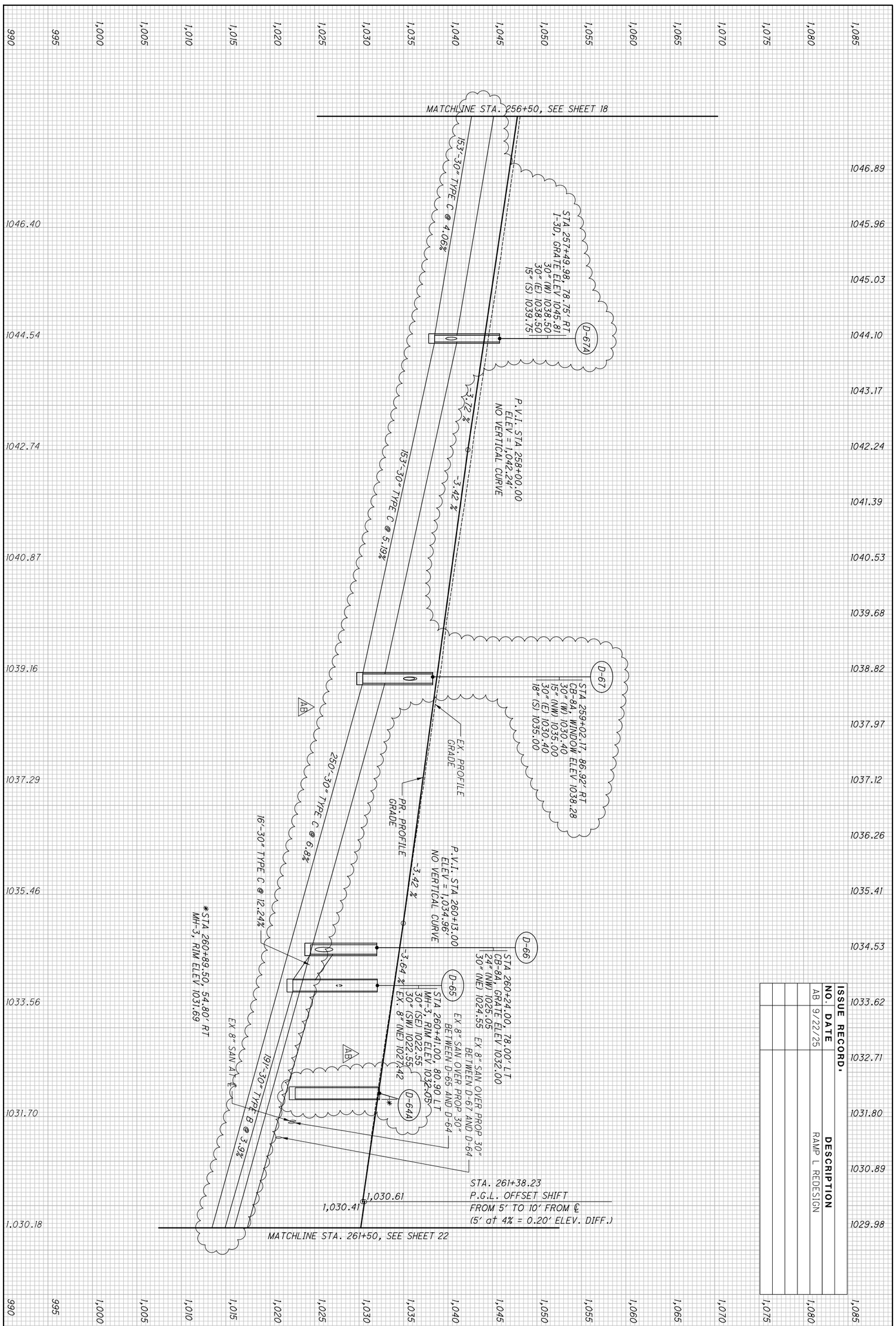


ISSUE RECORD:		
NO.	DATE	DESCRIPTION
AB	9/22/25	RAMP L REDESIGN

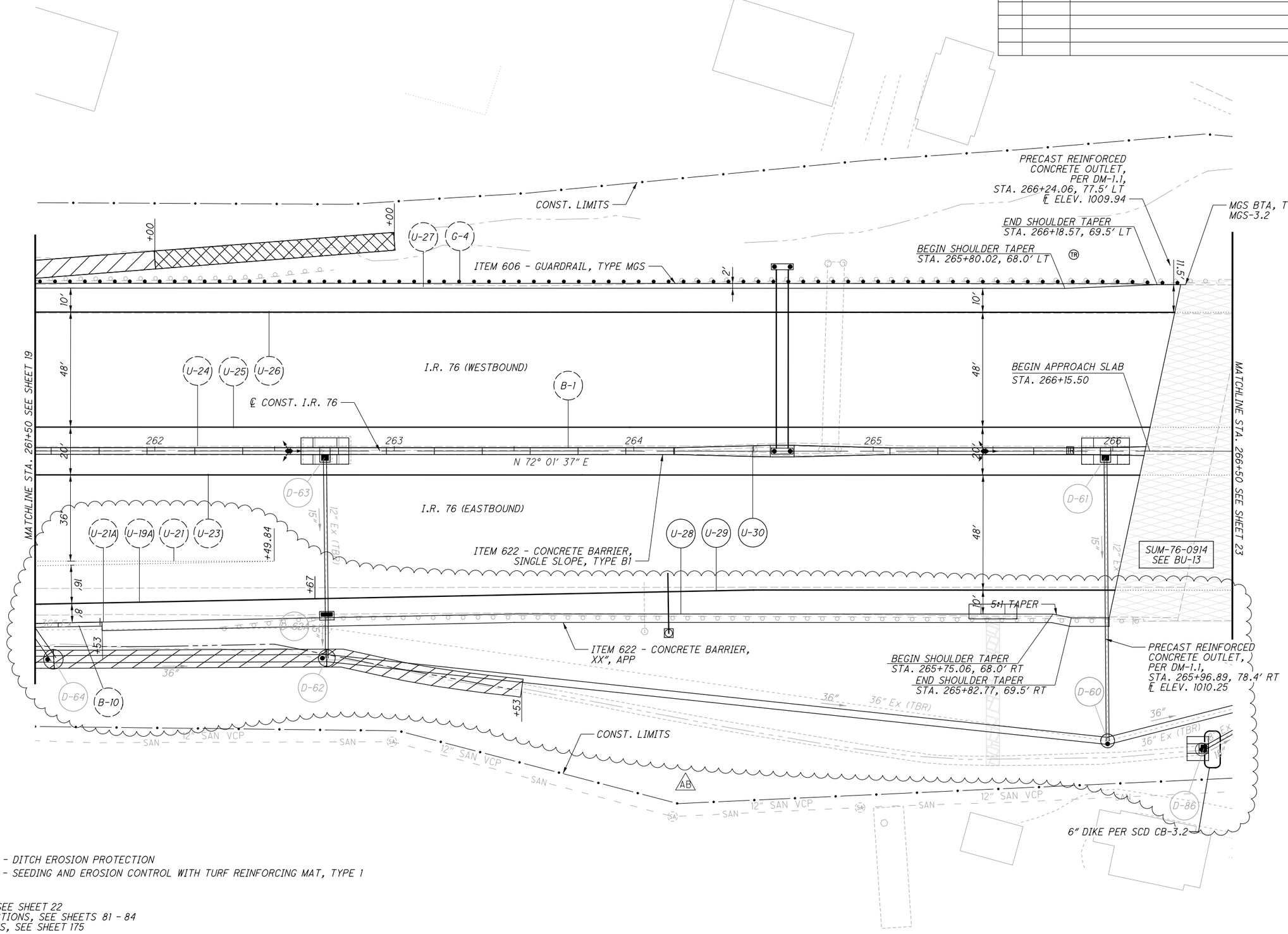
2026-03-24 - BU-32 - RECORD DRAWING PLANS

BU-32

ISSUE RECORD:		
NO.	DATE	DESCRIPTION
AB	9/22/25	RAMP L REDESIGN

HORIZONTAL SCALE IN FEET
0 10 20 40

CALCULATED GLW
CHECKED SRB



ITEM 670 - DITCH EROSION PROTECTION
ITEM 836 - SEEDING AND EROSION CONTROL WITH TURF REINFORCING MAT, TYPE 1

CROSS REFERENCES:
FOR I-76 PROFILE, SEE SHEET 22
FOR I-76 CROSS-SECTIONS, SEE SHEETS 81 - 84
FOR BARRIER DETAILS, SEE SHEET 175

PARSONS
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2026-03-24 - BU-32 - RECORD DRAWING PLANS

PLAN - I.R. 76
STA. 261+50 TO STA. 266+50

SUM-76/77/8-
8.24/9.74/0.00

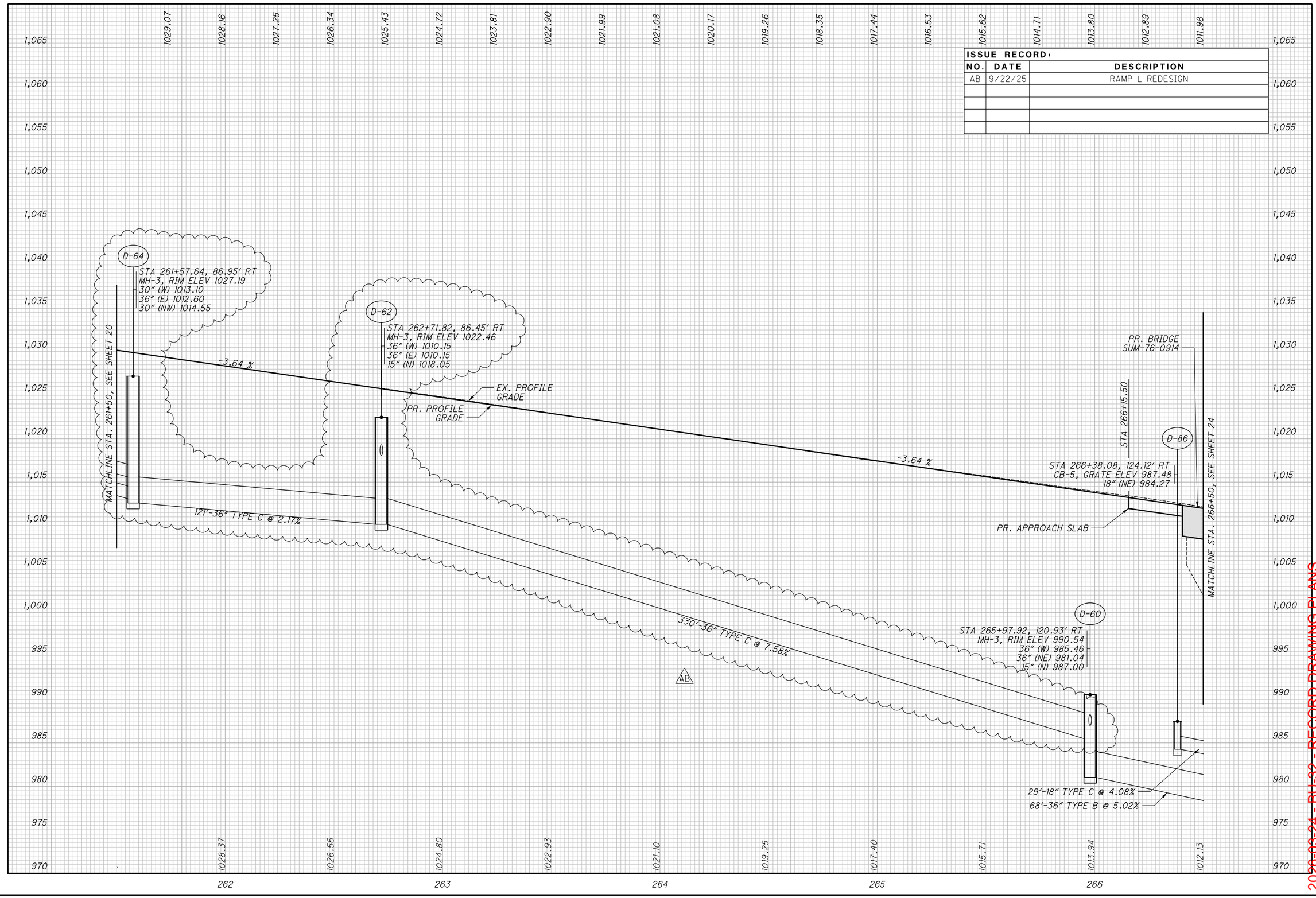
21
188

BU-32

ISSUE RECORD:		
NO.	DATE	DESCRIPTION
AB	9/22/25	RAMP L REDESIGN

CALCULATED SGM
CHECKED JDD

PROFILE - I.R. 76
STA. 261+50 TO STA. 266+50



2026-03-24 - BU-32 - RECORD DRAWING PLANS

SUM-76/77/8-
8.24/9.74/0.00

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BU-32

PT. A =
STA. 267+59.83, 68.75' LT
PROP. POINT OF MIN. VERTICAL CLEARANCE = 15.98'

(U-37) NOT USED

ISSUE RECORD:		
NO.	DATE	DESCRIPTION

HORIZONTAL SCALE IN FEET
0 10 20 40

CALCULATED GLW
CHECKED SRB

RUSSELL AVENUE

Ex R/W — Ex R/W — Ex R/W — Ex R/W

10" SAN VCP — 15" Ex — 12" SAN VCP — 18" Ex — 24" Ex — 24" SAN VCP — 24" Comb VCP

Ex LA-R/W — Ex LA-R/W — Ex LA-R/W — Ex LA-R/W

END SHOULDER TAPER
STA. 268+67.01, 68.0' LT

BEGIN SHOULDER TAPER
STA. 268+58.84, 69.5' LT
MGS BTA, TYPE 1, MGS-3.1

CONST. LIMITS

ITEM 606 - GUARDRAIL, TYPE MGS

5:1 TAPER

PT. A

SUM-76-0914
SEE BU-13

I.R. 76 (WESTBOUND)

ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C1

PC Sta. 268+31.72

END APPROACH SLAB
STA. 268+25.59

MATCHLINE STA. 266+50 SEE SHEET 21

MANCHESTER ROAD

MATCHLINE STA. 271+50 SEE SHEET 25

I.R. 76 (EASTBOUND)

℄ CONST. I.R. 76

STA. 268+50.00
END ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE B1
BEGIN ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE C1

53:1 TAPER — 17.6:1 TAPER

℄ CONST. RAMP G

PC Sta. 1+60.00

MGS BTA, TYPE 2, MGS-3.2
CURB, TYPE 4-C (25')

BEGIN TAPER
STA. 268+14.17

BEGIN SHOULDER TAPER
STA. 268+35.71, 69.5' RT

ITEM 606 - GUARDRAIL, TYPE MGS, WITH LONG POSTS

END LONG POST GUARDRAIL FROM APPROACH SLAB
STA. 269+00.00

END SHOULDER TAPER
STA. 269+35.71, 74.4' RT

ITEM 606 - GUARDRAIL, TYPE MGS

END TAPER
STA. 270+74.72

CONST. LIMITS

SOUTH STREET

18" Ex

42" Ex

Ex R/W — Ex R/W

CROSS REFERENCES:
FOR I-76 PROFILE, SEE SHEET 24
FOR I-76 CROSS-SECTIONS, SEE SHEETS 84 - 87
FOR RAMP TERMINAL DETAILS, SEE SHEET 148
FOR BARRIER DETAILS, SEE SHEET 176

PARSONS
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2026-03-24 - BU-32 - RECORD DRAWING PLANS

PLAN - I.R. 76
STA. 266+50 TO STA. 271+50

SUM-76/77/8-
8.24/9.74/0.00

23
188

BU-32

ISSUE RECORD:		
NO.	DATE	DESCRIPTION

CALCULATED SGM
CHECKED JDD

PROFILE - I.R. 76
STA. 266+50 TO STA. 271+50

SUM-76/77/8-8.24/9.74/0.00

24
188

2020-03-24 - BU-32 - RECORD DRAWING PLANS

PARSONS

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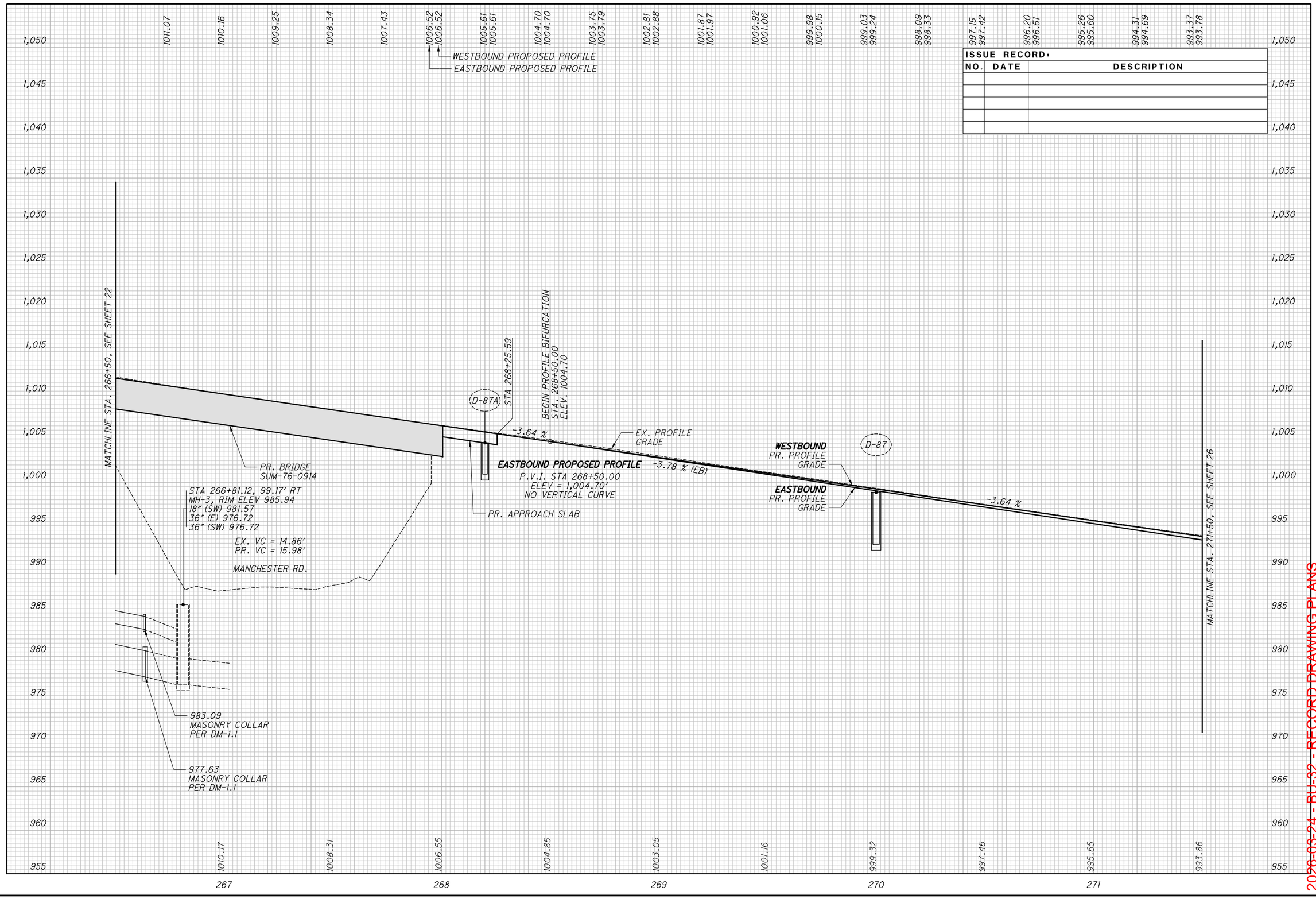

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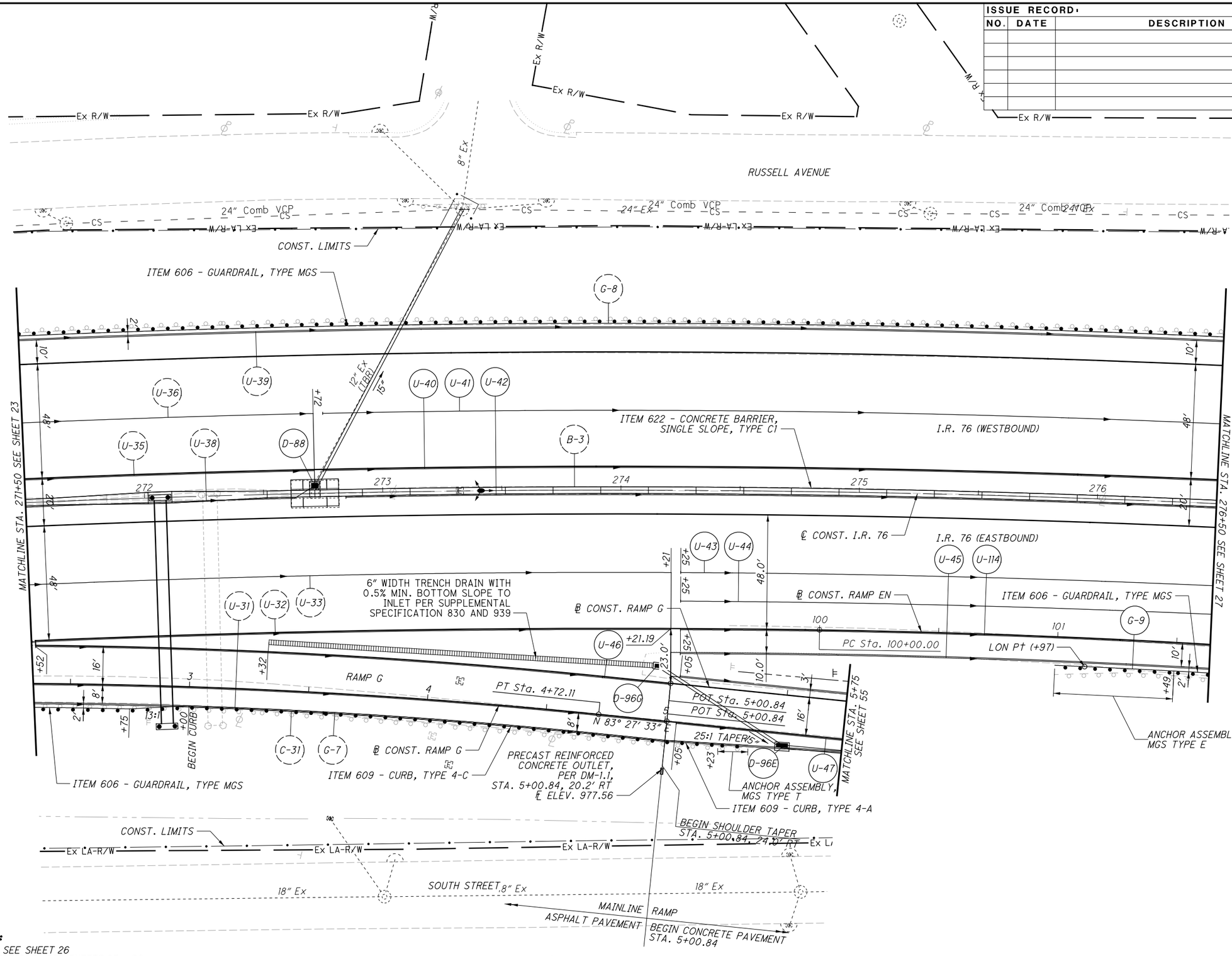

CROSS REFERENCES:
FOR I-76 PROFILE, SEE SHEET 26
FOR I-76 CROSS-SECTIONS, SEE SHEETS 87 - 90
FOR RAMP TERMINAL DETAILS, SEE SHEETS 148 - 149
FOR BARRIER DETAILS, SEE SHEET 177

ISSUE RECORD:

NO.	DATE	DESCRIPTION

HORIZONTAL SCALE IN FEET 0 10 20 40

CALCULATED GLW
CHECKED SRB

PLAN - I.R. 76
STA. 271+50 TO STA. 276+50

SUM-76/77/8-
8.24/9.74/0.00

2026-03-24 - BU-32 - RECORD DRAWING PLANS

BU-32

ISSUE RECORD:		
NO.	DATE	DESCRIPTION

CALCULATED SGM
CHECKED JDD

PROFILE - I.R. 76
STA. 271+50 TO STA. 276+50

SUM-76/77/8-
8.24/9.74/0.00

26
188

2026-03-24 - BU-32 - RECORD DRAWING PLANS

992.43 992.87 | 991.48 991.96 | 990.54 991.05 | 989.60 990.14 | 988.69 989.25 | 987.82 988.39 | 986.99 987.57 | 986.20 986.79 | 985.44 986.04 | 984.73 985.33 | 984.05 984.66 | 983.41 984.02 | 982.80 983.42 | 982.24 982.85 | 981.71 982.32 | 981.22 981.83 | 980.77 981.37 | 980.35 980.95 | 979.98 980.57 | 979.64 980.22

WESTBOUND PROPOSED PROFILE
EASTBOUND PROPOSED PROFILE

1,030 1,025 1,020 1,015 1,010 1,005 1,000 995 990 985 980 975 970 965 960 955 950 945

MATCHLINE STA. 271+50, SEE SHEET 24

-3.64 %
-3.78 %

P.V.C.
STA. 272+50.00
ELEV. 990.14

D-88

P.V.C.
STA. 272+38.00
ELEV. 990.05

WESTBOUND PROPOSED PROFILE
P.V.I. STA 276+50.00
ELEV = 975.58'
800.00' VC
K = 172
L.P. STA. 278+77.27
L.P. ELEV 978.72'

WESTBOUND
PR. PROFILE
GRADE

EASTBOUND
PR. PROFILE
GRADE

EX. PROFILE
GRADE

-3.64 % (WB)
-3.78 % (EB)
+0.96 %
(EB)

MATCHLINE STA. 276+50, SEE SHEET 28

EASTBOUND PROPOSED PROFILE
P.V.I. STA 276+28.00
ELEV = 975.32'
780.00' VC
K = 172
L.P. STA. 278+77.27
L.P. ELEV 978.72

992.01 | 990.17 | 988.44 | 986.80 | 985.26 | 983.88 | 982.59 | 981.53 | 980.57 | 979.72

272 273 274 275 276

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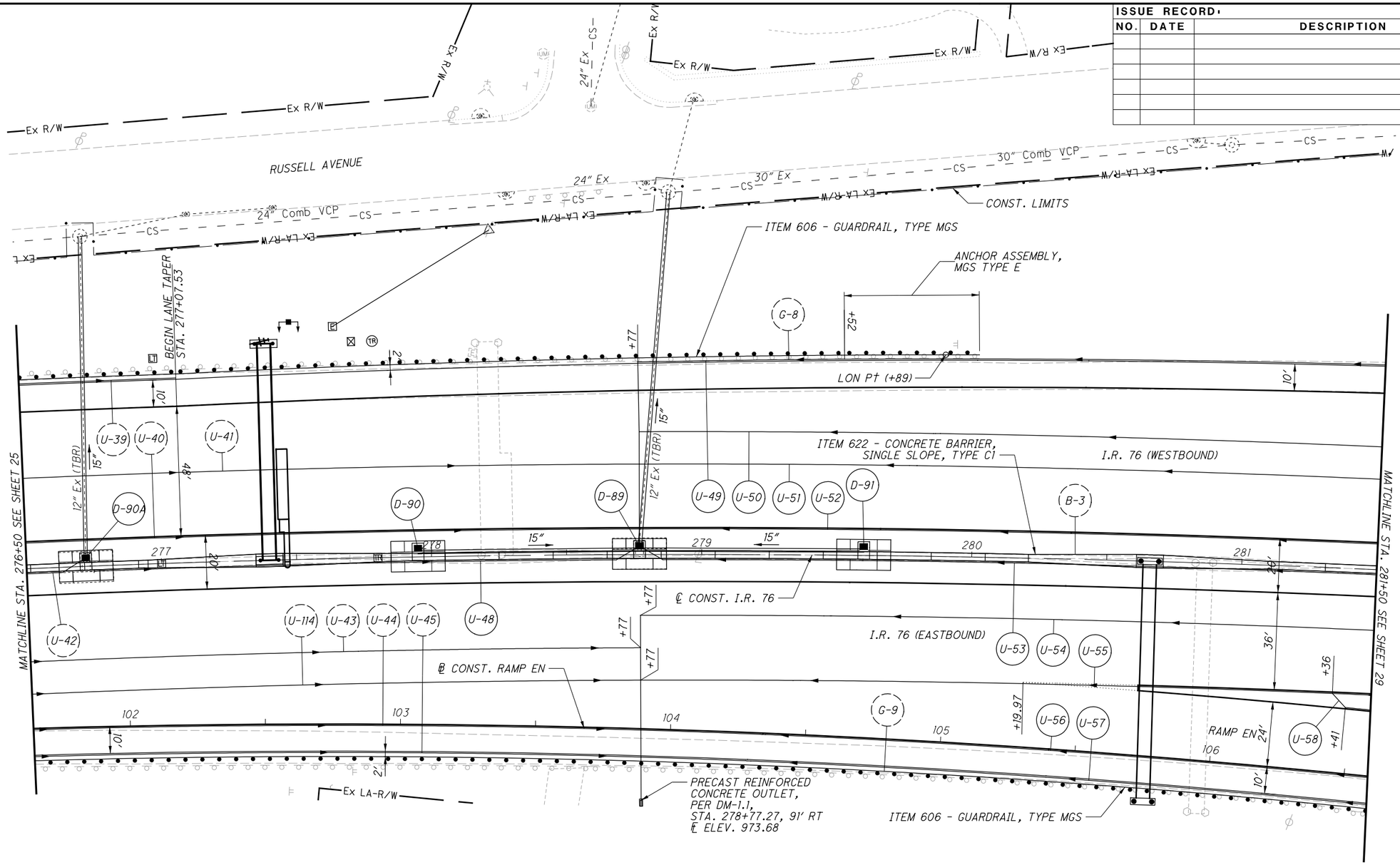
ISSUE RECORD:		
NO.	DATE	DESCRIPTION



CROSS REFERENCES:
FOR I-76 PROFILE, SEE SHEET 28
FOR I-76 CROSS-SECTIONS, SEE SHEETS 90 - 94
FOR RAMP TERMINAL DETAILS, SEE SHEETS 149 - 150
FOR BARRIER DETAILS, SEE SHEET 178

HORIZONTAL SCALE IN FEET
0 10 20 40

CALCULATED GLW
CHECKED SRB

PLAN - I.R. 76 STA. 276+50 TO STA. 281+50

SUM-76/77/8-8.24/9.74/0.00

27
188

2026-03-24 - BU-32 - RECORD DRAWING PLANS

PARSONS
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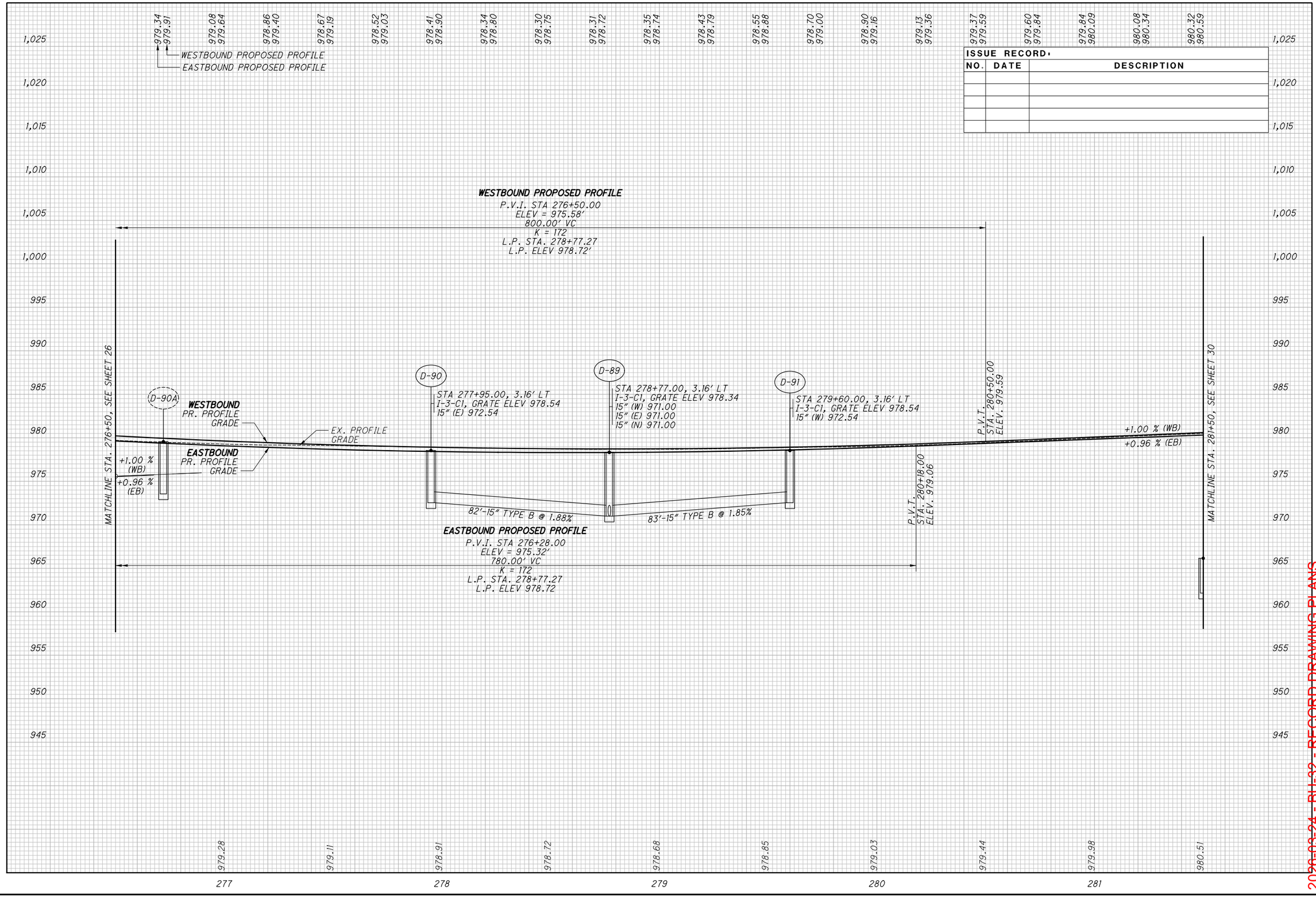

ISSUE RECORD:		
NO.	DATE	DESCRIPTION

CALCULATED SGM
CHECKED JDD

PROFILE - I.R. 76
STA. 276+50 TO STA. 281+50

SUM-76/77/8-
8.24/9.74/0.00

2026-03-24 - BU-32 - RECORD DRAWING PLANS

BU-32
PARSONS
pw:\\VANVA01PWINT01.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Roadway\Sheets\BU-32\102329_BU-32_GF108.dgn-2/16/2022-4:46:42 PM-p007870A

BU-32

ISSUE RECORD:		
NO.	DATE	DESCRIPTION

RUSSELL AVENUE

30" Comb VCP Ex — CS — CONST. LIMITS — EX LA-R/W

PROVIDE ROCK CHANNEL OUTLET PROTECTION
4' W X 7' L x 6" D OF 18" ROCK TYPE C
WITH FILTER FABRIC

CONTRACTOR TO PROVIDE
POSITIVE GRADE FROM OUTLET
TO DITCH

ANCHOR ASSEMBLY,
MGS TYPE T

ITEM 606 - GUARDRAIL, TYPE MGS

END LANE TAPER
STA. 284+27.53

I.R. 76 (WESTBOUND)

ITEM 622 - CONCRETE BARRIER,
SINGLE SLOPE, TYPE C1

MATCHLINE STA. 281+50 SEE SHEET 27

MATCHLINE STA. 286+50 SEE SHEET 32

℄ CONST. I.R. 76

PT Sta. 284+42.65

6" WIDTH TRENCH DRAIN WITH 0.5% MIN. BOTTOM SLOPE
TO INLET PER SUPPLEMENTAL SPECIFICATION 830 AND 939
I.R. 76 (EASTBOUND)

ITEM 606 - IMPACT ATTENUATOR, TYPE 2*

ITEM 606 - GUARDRAIL,
TYPE MGS

50' TYPE MGS,
HALF POST SPACING
(ALONG I.R. 76 & RAMP EN)

12" Ex (TBR)

ITEM 609 - CURB,
TYPE 4-C

RAMP EN

℄ CONST. RAMP EN

S 89° 02' 02" E

PC Sta. 109+36.51

BEGIN CURB*

Ex CB
(TBR)

12" Ex (TBR)

ITEM 606 -
GUARDRAIL,
TYPE MGS

SEE D-92, SHEET 57

MGS BTA, TYPE 1, MGS-3.1
CURB, TYPE 4-C (55')

MEET EXISTING MOMENT
SLAB & RAILING ABOVE
RETAINING WALL TO
REMAIN IN PLACE
STA. 282+68.27, 93.6' RT.

CONST. LIMITS

DO NOT DISTURB EXISTING
MOMENT SLAB & RETAINING WALL

PT Sta. 108+27.93

SOUTH STREET

36" Ex — CS — Ex R/W

33" Comb Brick — CS — Ex R/W

ITEM 670 - DITCH EROSION PROTECTION

CROSS REFERENCES:

FOR I-76 PROFILE, SEE SHEET 30
FOR I-76 CROSS-SECTIONS, SEE SHEETS 94 - 97
FOR RAMP TERMINAL DETAILS, SEE SHEETS 149 - 151
FOR BARRIER DETAILS, SEE SHEET 179
FOR STORM SEWER PROFILES, SEE SHEET 167

* NOTE THAT CURB, SHOULDER, AND GUARDRAIL RELATIONSHIPS MAY BE ALTERED FROM SHOWN BASED ON THE IMPACT ATTENUATOR MANUFACTURER'S NEEDS.

HORIZONTAL SCALE IN FEET
0 10 20 40

CALCULATED GLW
CHECKED SRB

PLAN - I.R. 76 & RAMP EN
STA. 281+50 TO STA. 286+50

SUM-76/77/8-
8.24/9.74/0.00

2026-03-24 - BU-32 - RECORD DRAWING PLANS

29
188

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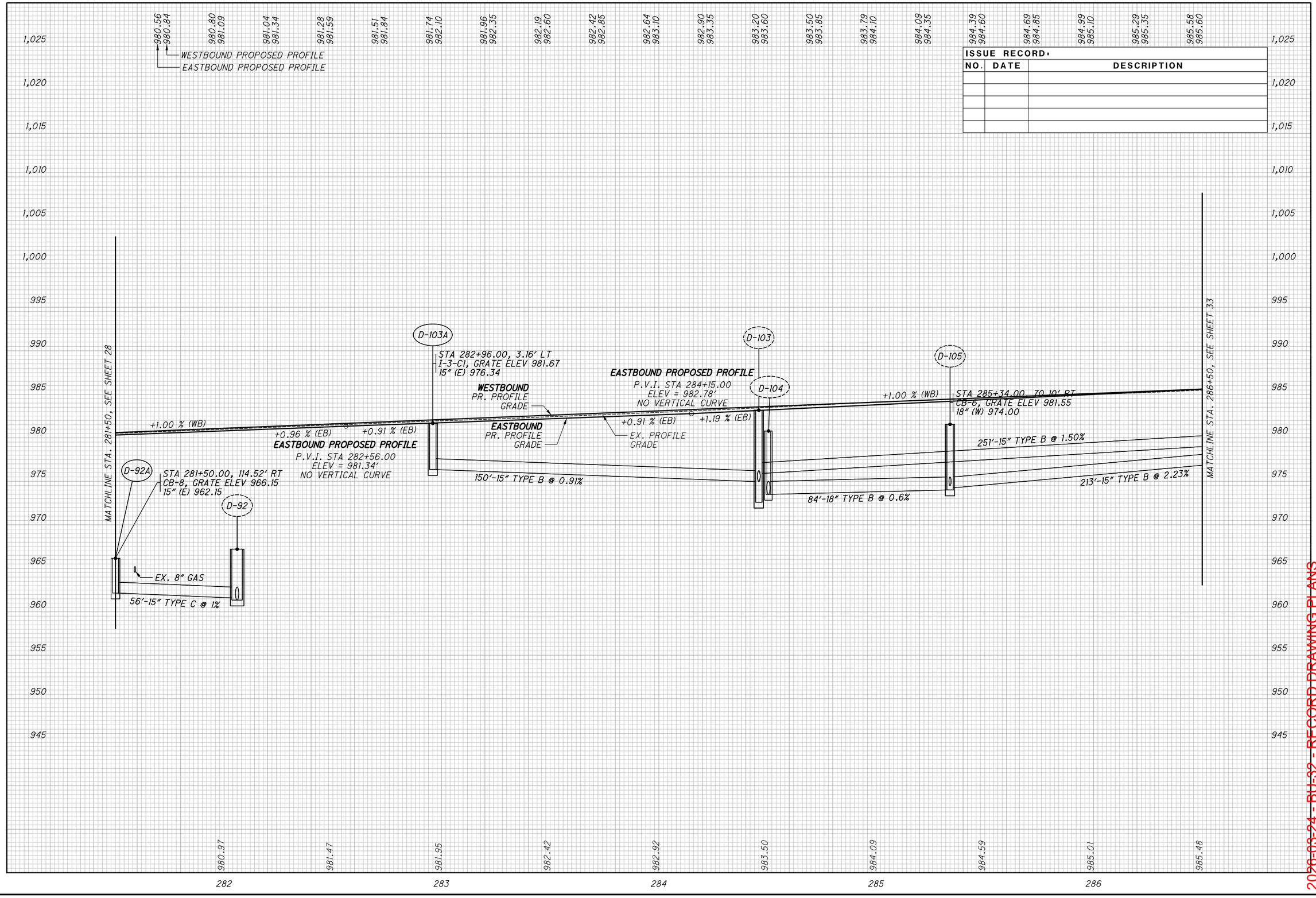
BU-32

ISSUE RECORD:		
NO.	DATE	DESCRIPTION

CALCULATED SGM
CHECKED JDD

PROFILE - I.R. 76
STA. 281+50 TO STA. 286+50



2026-03-24 - BU-32 - RECORD DRAWING PLANS

SUM-76/77/8-8.24/9.74/0.00

30
188

PARSONS
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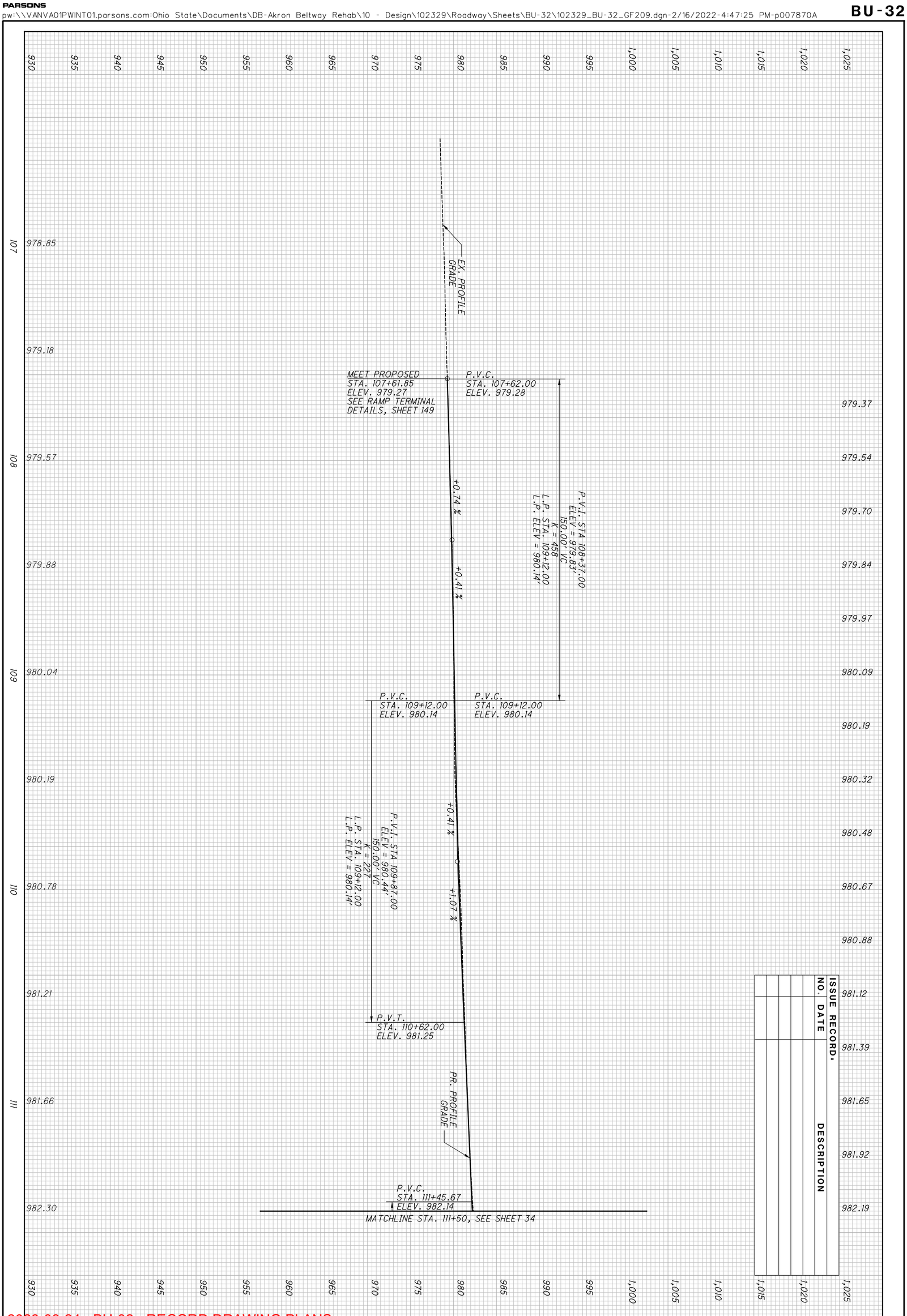
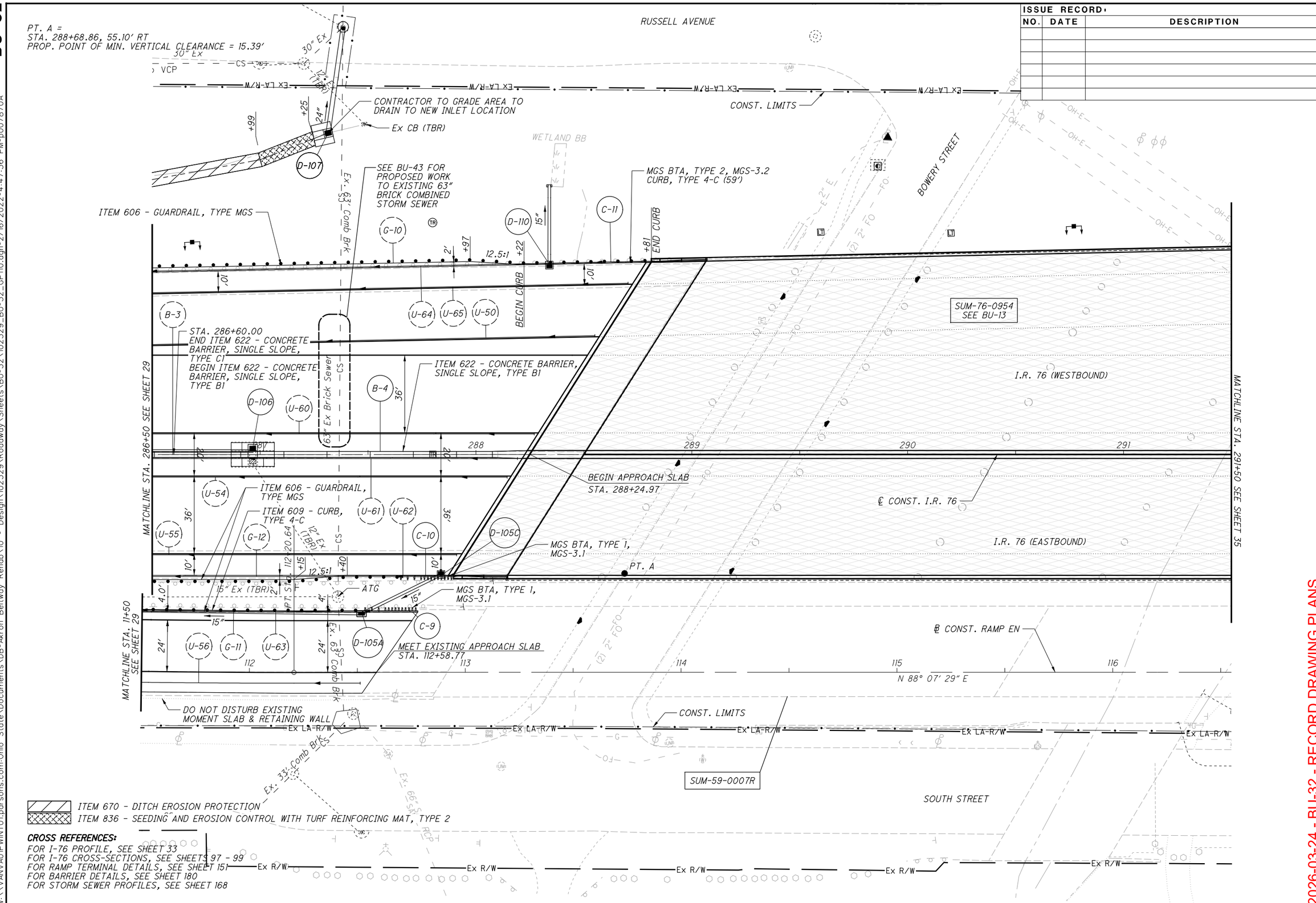


2026-03-24 - BU-32 - RECORD DRAWING PLANS



ISSUE RECORD:

NO.	DATE	DESCRIPTION

HORIZONTAL SCALE IN FEET 0 10 20 40

CALCULATED GLW
CHECKED SRB

PLAN - I.R. 76
STA. 286+50 TO STA. 291+50

SUM-76/77/8-
8.24/9.74/0.00

2026-03-24 - BU-32 - RECORD DRAWING PLANS

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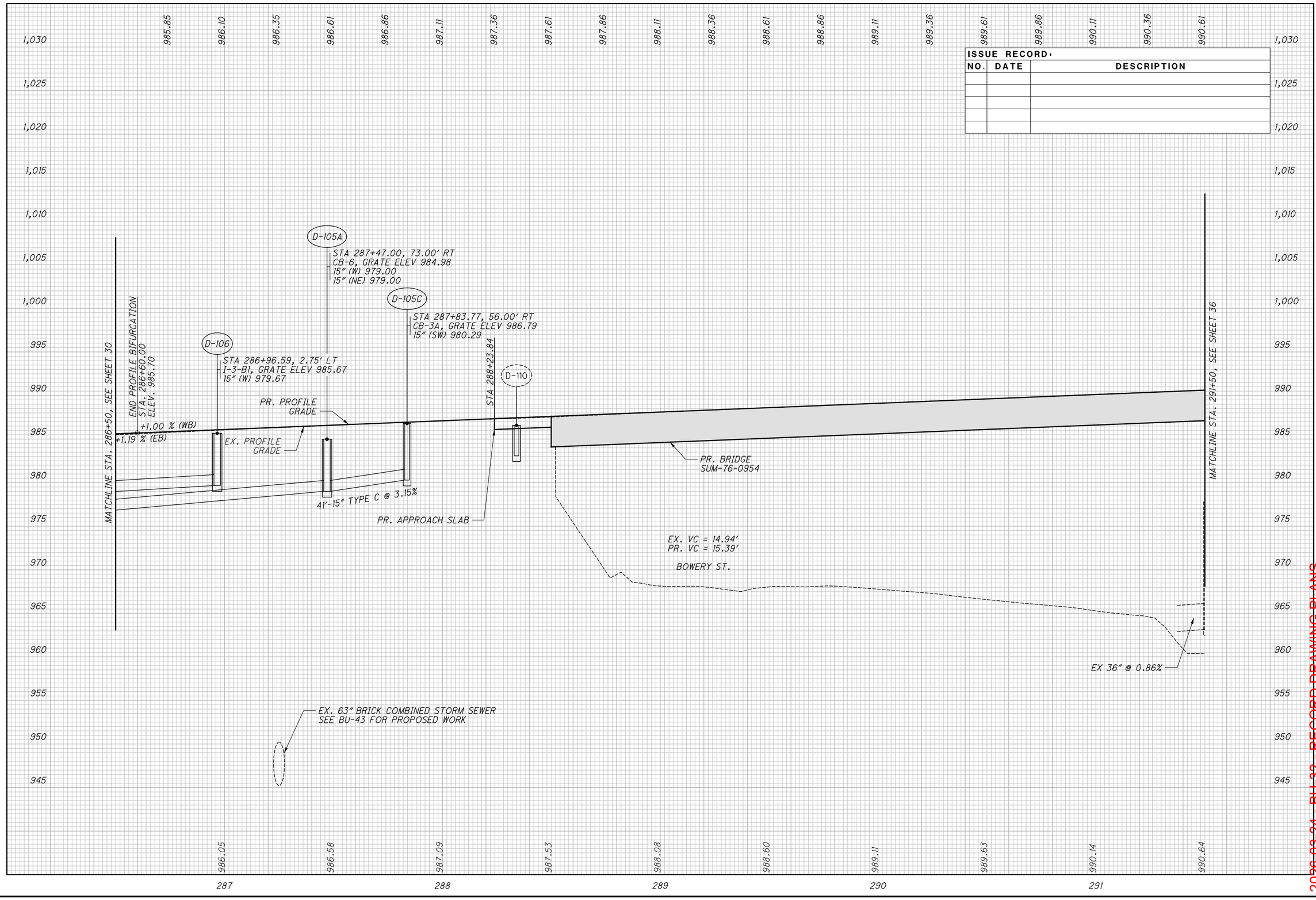
BU-32

ISSUE RECORD:		
NO.	DATE	DESCRIPTION

CALCULATED SGM
CHECKED JDD

PROFILE - I.R. 76
STA. 286+50 TO STA. 291+50



2026-03-24 - BU-32 - RECORD DRAWING PLANS

SUM-76/77/8-
8.24/9.74/0.00

33
188

PARSONS
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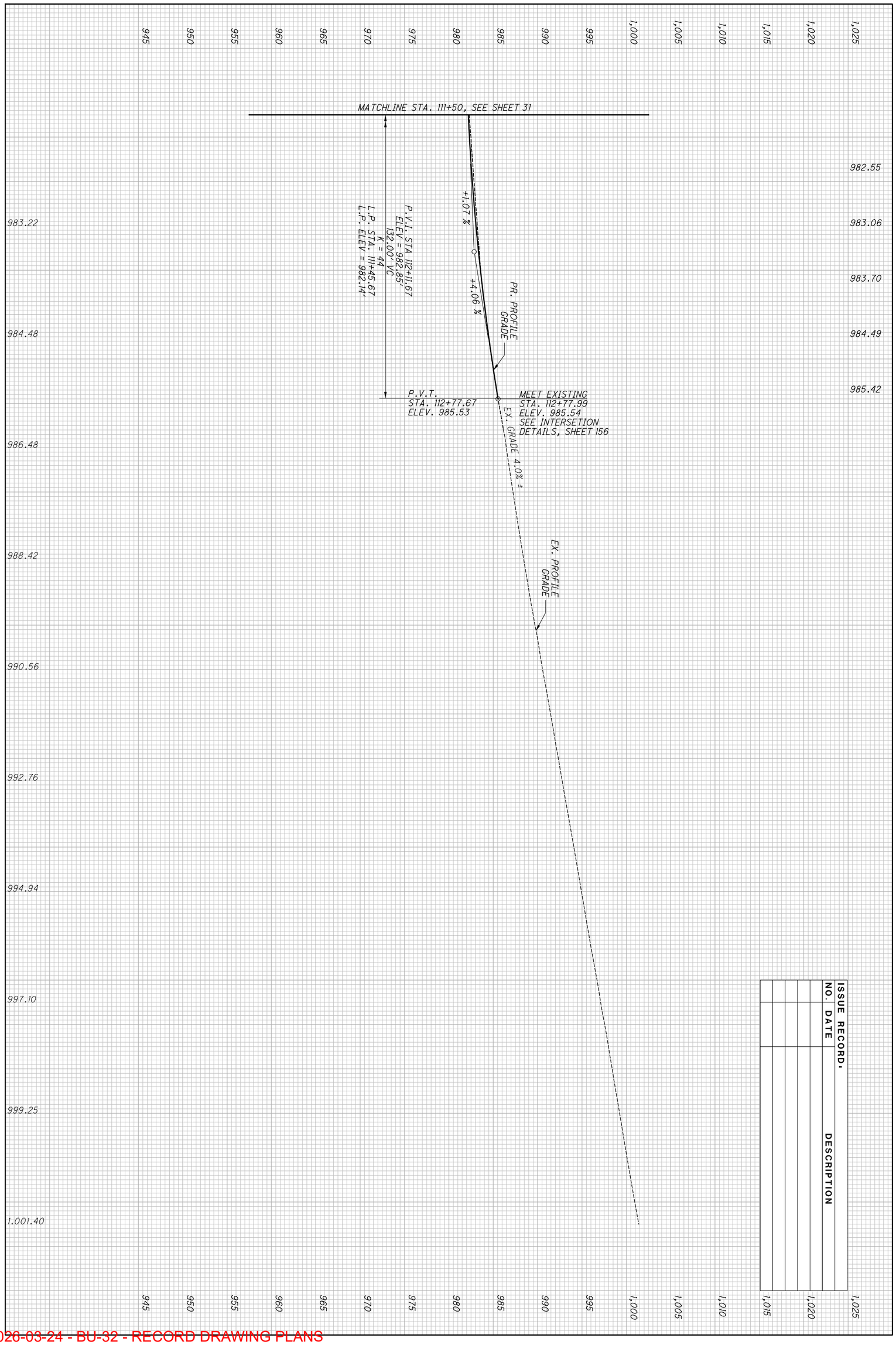

ISSUE RECORD:		
NO.	DATE	DESCRIPTION

2026-03-24 - BU-32 - RECORD DRAWING PLANS

34 / 188	SUM-76/77/8- 8.24/9.74/0.00	PROFILE - RAMP EN STA. 111+50.00 TO STA. 112+77.99

CALCULATED SGM
CHECKED JDD

BU-32

PT. A =
STA. 294+88.35, 55.25' RT
PROP. POINT OF MIN. VERTICAL CLEARANCE = 16.85'

ISSUE RECORD:		
NO.	DATE	DESCRIPTION

HORIZONTAL SCALE IN FEET: 0, 10, 20, 40

CALCULATED GLW | CHECKED SRB

RUSSELL AVENUE
EX LA-R/W
CONST. LIMITS
SUM-59-0019L
MGS BTA, TYPE 2, MGS-3.2
ITEM 606 - GUARDRAIL, TYPE MGS
ITEM 609 - CURB, TYPE 4-C
PRECAST REINFORCED CONCRETE OUTLET, PER DM-1.1, STA. 293+65.98, 108.7' LT (STA. 123+05.08, 18.7' LT ℄ RAMP SW) ℄ ELEV. 989.04
MGS BTA, TYPE 1, MGS-3.1
WETLAND C
OHIO CANAL
ST STA. 121+65.46
LAKE SHORE BOULEVARD
18" Ex
12" Ex
24" Ex
30" Ex
COA Traf
COA Elec
SEE D-144, SHEET 65
D-140
24"
24" Ex (TBR)
FINAL DESIGN OF REMAINING DRAINAGE WEST OF D-140 WILL BE PART OF BU-43.
C-12
U-73
G-14
EROSION CONTROL FLUME PER DM-4.1 FROM EOP EXTENDED TO EXISTING UNDISTURBED VEGETATION
℄ CONST. RAMP SW
MEET EXISTING APPROACH SLAB STA. 123+44.33
RAMP SW
PRECAST REINFORCED CONCRETE OUTLET, PER DM-1.1, STA. 296+30.05, 69' LT ℄ ELEV. 992.76
C-14
G-15
D-141
MGS BTA, TYPE 1, MGS-3.1 CURB, TYPE 4-C (25')
SUM-76-0954 SEE BU-13
CONTRACTOR TO CONTINUE COORDINATION WITH FIRSTENERGY CONCERNING WORK IN THE VICINITY OF THEIR OVERHEAD POWER LINES
U-71
U-72
U-115
U-80
U-79
U-83
MATCHLINE STA. 291+50 SEE SHEET 32
I.R. 76 (WESTBOUND)
ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE B1
U-74
B-5
SUM-76-0964 SEE BU-13
B-6
END APPROACH SLAB STA. 292+97.84
BEGIN APPROACH SLAB STA. 294+06.05
END APPROACH SLAB STA. 296+26.05
I.R. 76 (EASTBOUND)
D-113
U-68
U-75
U-76
U-70
U-69
D-142
U-82
U-78
U-81
℄ CONST. I.R. 76
PT. A
5:1 TAPER
MATCHLINE STA. 296+50 SEE SHEET 37
MGS BTA, TYPE 2, MGS-3.2
ITEM 606 - GUARDRAIL, TYPE MGS
52.5:1
PC Sta. 118+12.93
U-67
G-13
C-13
RAMP EN
℄ CONST. RAMP EN
MGS BTA, TYPE 1, MGS-3.1
BEGIN SHOULDER TAPER STA. 293+80.34, 56.0' RT
END SHOULDER TAPER STA. 293+88.05, 57.5' RT
EROSION CONTROL FLUME AT BRIDGE PER DM-4.1
FINAL DESIGN OF REMAINING DRAINAGE WEST OF D-114 WILL BE PART OF BU-43.
D-114
PCC Sta. 121+14.21
MGS BTA, TYPE 2, MGS-3.2
PRECAST REINFORCED CONCRETE OUTLET, PER DM-1.1, STA. 296+29.56, 61' LT ℄ ELEV. 992.28
U-77
G-16
ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE B1
ITEM 606 - GUARDRAIL, TYPE MGS
D-111
SEE D-115, SHEET 59
CONST. LIMITS
SUM-59-0007R
SOUTH STREET
Ex R/W
Ex LA-R/W
36" Ex
12" Ex
6" Ex
4" FO
Unk UG
12" SAN
8" SAN
SAN
OH-E
E
W
G
T
12" Ex (TBR)
15" Ex (TBR)
15" Ex
36"
20'
11.5'
122
123
124
125
292
293
294
295
296
117
118
119
120

* 12-FOOT WIDE CURB CUT FOR DRAINAGE.

CROSS REFERENCES:
FOR I-76 PROFILE, SEE SHEET 36
FOR I-76 CROSS-SECTIONS, SEE SHEETS 99 - 101
FOR RAMP TERMINAL DETAILS, SEE SHEET 151
FOR BARRIER DETAILS, SEE SHEET 181
FOR STORM SEWER PROFILES, SEE SHEET 170

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2026-03-24 - BU-32 - RECORD DRAWING PLANS

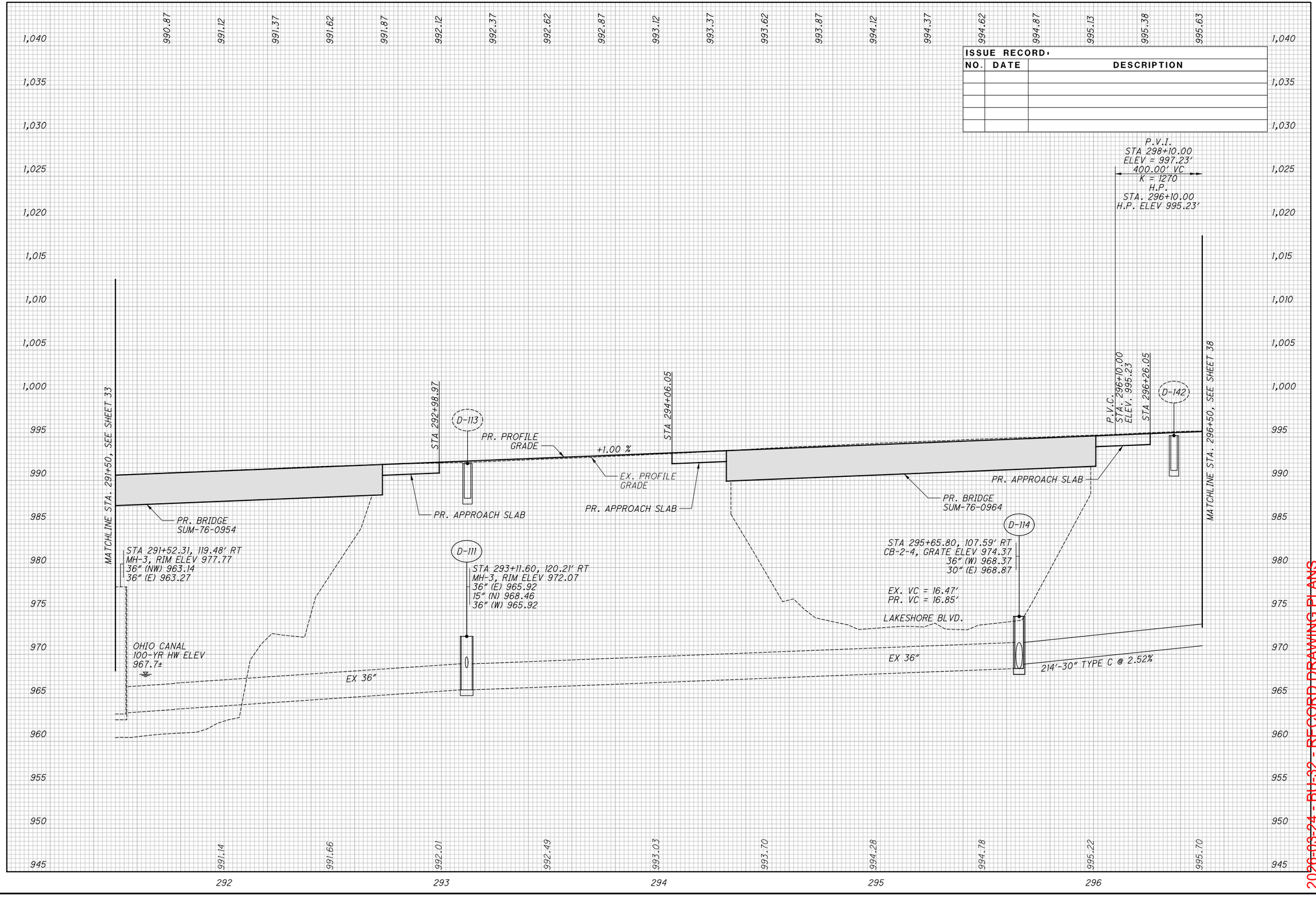
PLAN - I.R. 76
STA. 291+50 TO STA. 296+50

SUM-76/77/8-
8.24/9.74/0.00

35
188

BU-32

ISSUE RECORD:		
NO.	DATE	DESCRIPTION



CALCULATED SGM
CHECKED JDD

PROFILE - I.R. 76
STA. 291+50 TO STA. 296+50

SUM-76/77/8-
8.24/9.74/0.00

36
188

2020-03-24 - BU-32 - RECORD DRAWING PLANS

PARSONS
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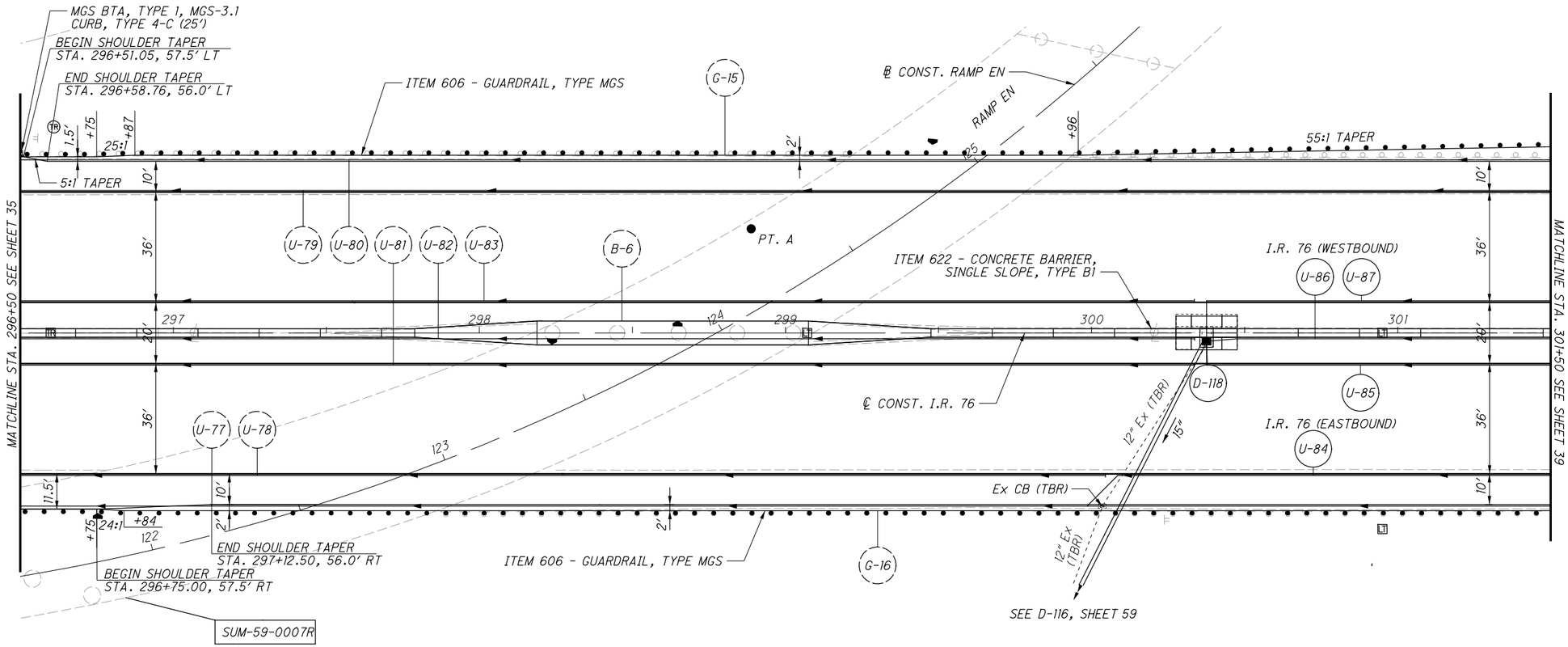
PT. A =
STA. 298+88.80, 34.00' LT
PROP. POINT OF MIN. VERTICAL CLEARANCE = 16.15'

ISSUE RECORD:		
NO.	DATE	DESCRIPTION



CROSS REFERENCES:
FOR I-76 PROFILE, SEE SHEET 38
FOR I-76 CROSS-SECTIONS, SEE SHEETS 101 - 104
FOR BARRIER DETAILS, SEE SHEET 182
FOR STORM SEWER PROFILES, SEE SHEET 169

HORIZONTAL SCALE IN FEET
0 10 20 40

CALCULATED GLW
CHECKED SRB

PLAN - I.R. 76
STA. 296+50 TO STA. 301+50

2026-03-24 - BU-32 - RECORD DRAWING PLANS

SUM-76/77/8-
8.24/9.74/0.00

37
188

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BU-32

995.89 996.16 996.43 996.71 996.99 997.27 997.56 997.86 998.16 998.46 998.77 999.09 999.41 999.73 1000.06 1000.39 1000.72 1001.05 1001.38 1001.71

ISSUE RECORD:		
NO.	DATE	DESCRIPTION

P.V.I. STA 298+10.00
ELEV = 997.23'
400.00' VC
K = 1270
H.P. STA. 296+10.00
H.P. ELEV 995.23'

RAMP EN

EX. BRIDGE
SUM-59-0007R

EX. VC = 16.14'
PR. VC = 16.15'

P.V.T.
STA. 300+10.00
ELEV. 999.86

D-118

MATCHLINE STA. 296+50, SEE SHEET 36

PR. PROFILE GRADE

+1.00 %

+1.32 %

EX. PROFILE GRADE

D-116

STA 299+86.29, 102.55' RT
MH-3, RIM ELEV 986.15
15" (NE) 981.67
15" (S) 980.25
30" (E) 979.00
30" (W) 979.00

MATCHLINE STA. 301+50, SEE SHEET 40

D-115

STA 297+79.82, 105.04' RT
MH-3, RIM ELEV 980.00
30" (W) 974.27
30" (E) 974.27

196'-30" TYPE C @ 5.36%

206'-30" TYPE C @ 2.29%

SEE PLAN VIEW OF STORM SEWER, SHEET 59

1,045 1,040 1,035 1,030 1,025 1,020 1,015 1,010 1,005 1,000 995 990 985 980 975 970 965 960 955 950

996.14 996.59 997.14 997.78 998.46 999.05 999.68 1000.37 1001.00 1001.69

297 298 299 300 301

CALCULATED SGM
CHECKED JDD

PROFILE - I.R. 76
STA. 296+50 TO STA. 301+50

SUM-76/77/8-
8.24/9.74/0.00

38
188

2026-03-24 - BU-32 - RECORD DRAWING PLANS

PARSONS
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BU-32

ISSUE RECORD:

NO.	DATE	DESCRIPTION

HORIZONTAL SCALE IN FEET: 0, 10, 20, 40

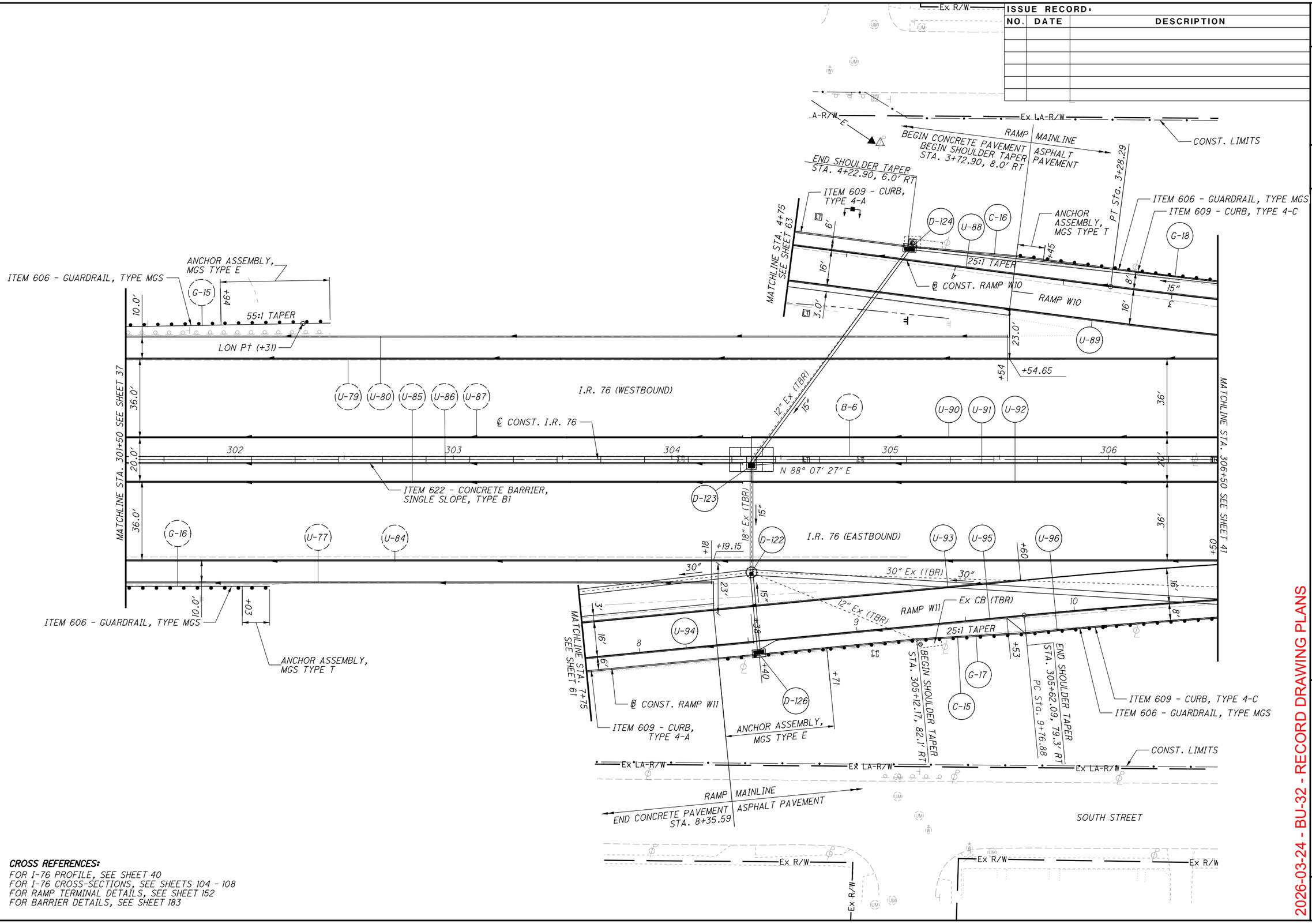
CALCULATED GLW | CHECKED SRB

PLAN - I.R. 76
STA. 301+50 TO STA. 306+50

SUM-76/77/8-8.24/9.74/0.00

39
188

2026-03-24 - BU-32 - RECORD DRAWING PLANS



CROSS REFERENCES:
FOR I-76 PROFILE, SEE SHEET 40
FOR I-76 CROSS-SECTIONS, SEE SHEETS 104 - 108
FOR RAMP TERMINAL DETAILS, SEE SHEET 152
FOR BARRIER DETAILS, SEE SHEET 183

PARSONS

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BU-32

PARSONS
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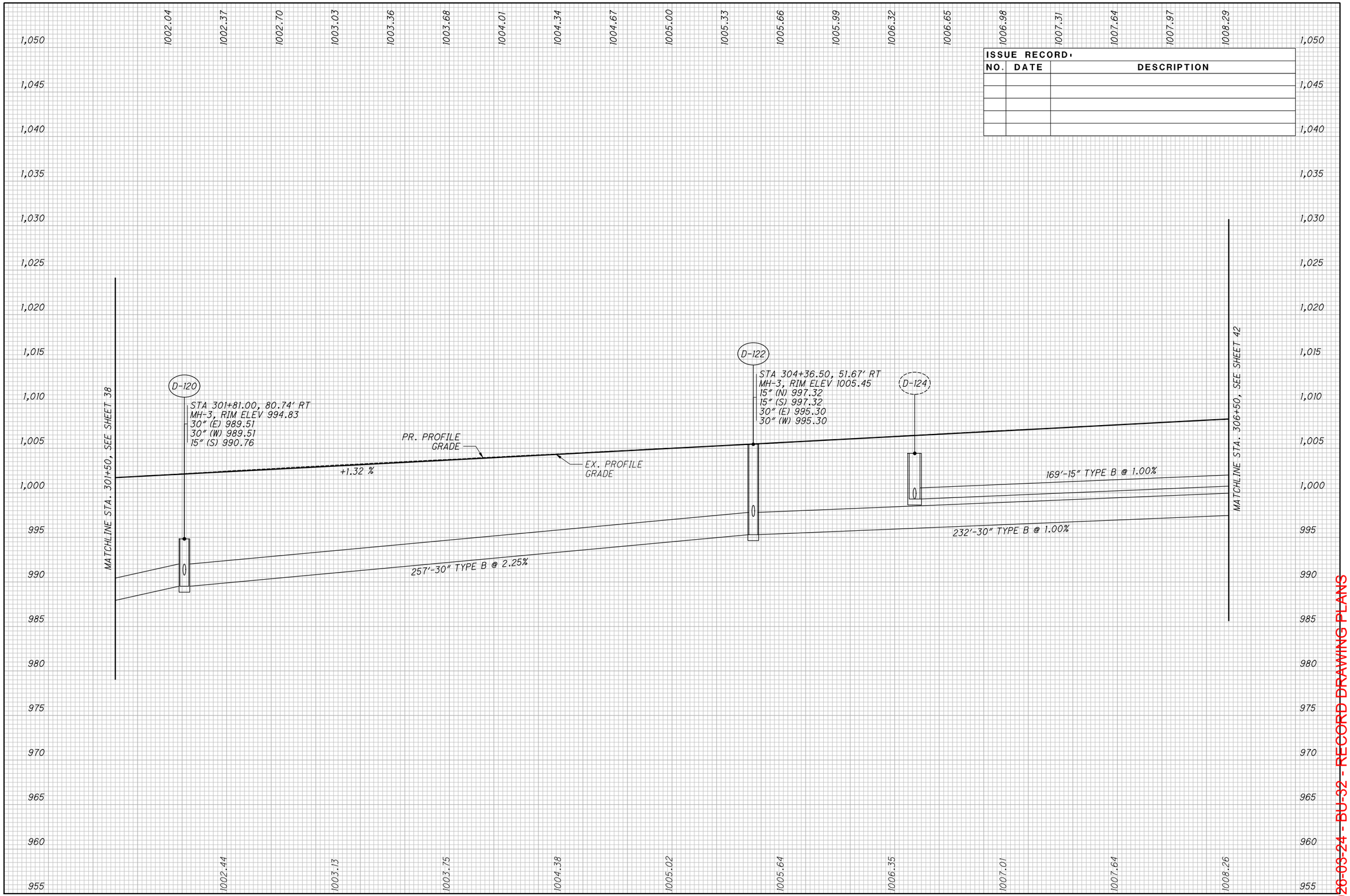
ISSUE RECORD:		
NO.	DATE	DESCRIPTION

CALCULATED SGM
CHECKED JDD

PROFILE - I.R. 76
STA. 301+50 TO STA. 306+50



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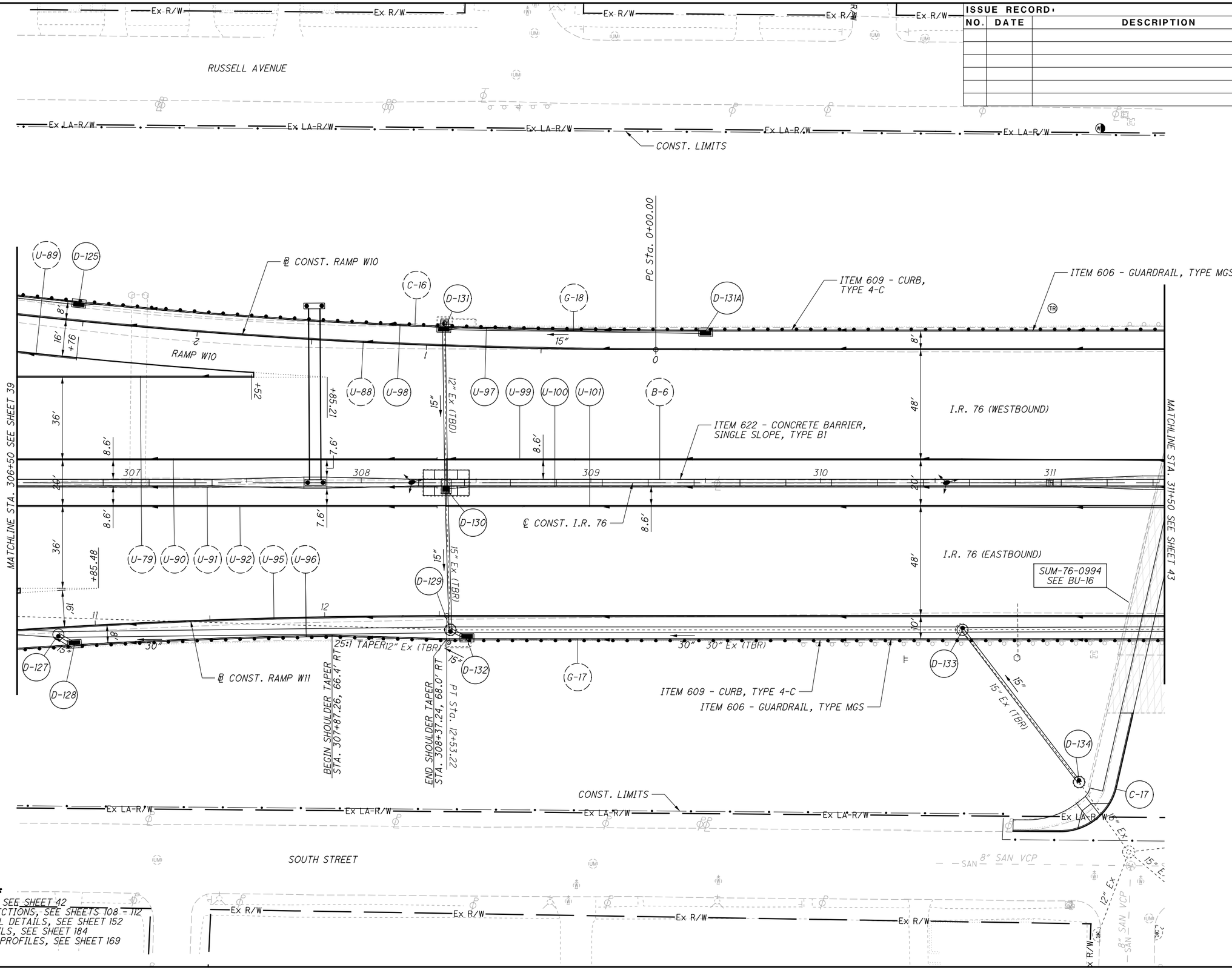
SUM-76/77/8-8.24/9.74/0.00



CROSS REFERENCES:
FOR I-76 PROFILE, SEE SHEET 42
FOR I-76 CROSS-SECTIONS, SEE SHEETS 108 - 112
FOR RAMP TERMINAL DETAILS, SEE SHEET 152
FOR BARRIER DETAILS, SEE SHEET 184
FOR STORM SEWER PROFILES, SEE SHEET 169

ISSUE RECORD:

NO.	DATE	DESCRIPTION

HORIZONTAL SCALE IN FEET 0 10 20 40

CALCULATED GLW
CHECKED SRB

PLAN - I.R. 76
STA. 306+50 TO STA. 311+50

SUM-76/77/8-
8.24/9.74/0.00

2026-03-24 - BU-32 - RECORD DRAWING PLANS

PARSONS
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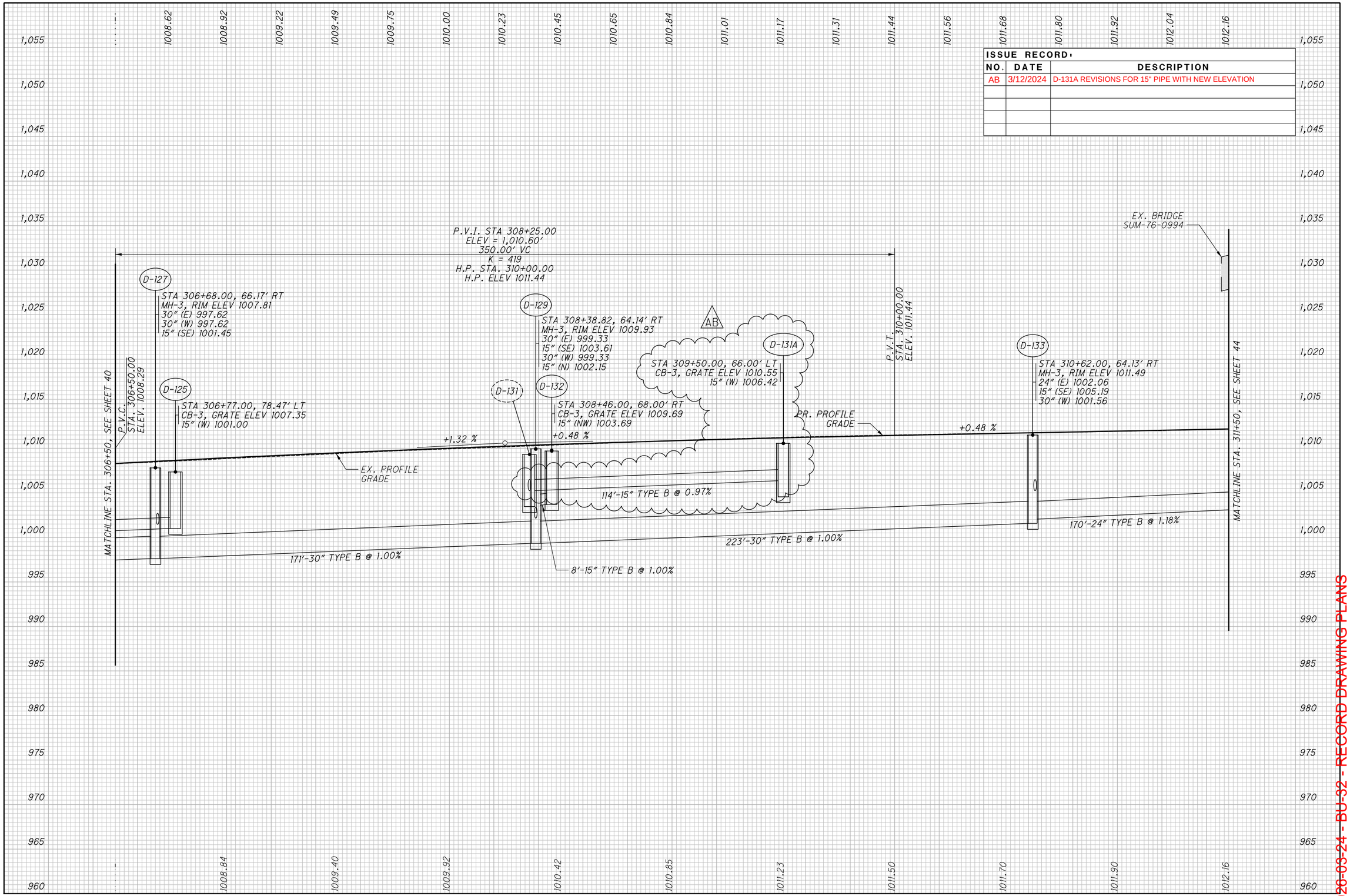
BU-32

ISSUE RECORD:		
NO.	DATE	DESCRIPTION
AB	3/12/2024	D-131A REVISIONS FOR 15" PIPE WITH NEW ELEVATION

CALCULATED SGM
CHECKED JDD

PROFILE - I.R. 76
STA. 306+50 TO STA. 311+50



SUM-76/77/8-
8.24/9.74/0.00

42
188

2026-03-24 - BU-32 - RECORD DRAWING PLANS

PARSONS
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BU-32

PT. A =
STA. 312+19.29, 57.82 LT
PROP. POINT OF MIN. VERTICAL CLEARANCE = 14.85'

RUSSELL AVENUE

PRINCETON STREET

ITEM 606 - GUARDRAIL, TYPE MGS

ITEM 609 - CURB, TYPE 4-C

BEGIN SHOULDER TAPER
STA. 311+86.00, 66.0' LT

25:1 TAPER

END CURB
END SHOULDER TAPER
STA. 312+36.00, 68.1' LT

TIE PROPOSED MGS GUARDRAIL INTO EXISTING BTA, TYPE 2 (PER MGS-3.2) ON PREVIOUSLY COMPLETED CONCRETE BARRIER FROM SUM-76-10.00 (PID 77269)

167:1 TAPER

MATCHLINE STA. 311+50 SEE SHEET 41

BEGIN TAPER STA. 311+86.00

END TAPER STA. 312+36.00

MEET EXISTING. 47.7'

END I.R. 76 PROJECT
STA. 312+72.35
S.L.M. 10.00
E180(428)

℄ CONST. I.R. 76

I.R. 76 (WESTBOUND)

MEET PREVIOUSLY COMPLETED MEDIAN BARRIER FROM SUM-76-10.00 (PID 77269)

ITEM 622 - CONCRETE BARRIER, SINGLE SLOPE, TYPE B1

I.R. 76 (EASTBOUND)

24" Ex (TBR)

24"

SUM-76-0994
SEE BU-16

CONST. LIMITS

TIE PROPOSED MGS GUARDRAIL INTO EXISTING BTA, TYPE 1 (PER MGS-3.1) MOUNTED ON PREVIOUSLY COMPLETED CONCRETE BARRIER FROM SUM-76-10.00 (PID 77269) AT APPROX. STA. 312+11.61, RT.

ADJ.

SOUTH STREET

CROSS REFERENCES:
FOR I-76 PROFILE, SEE SHEET 44
FOR I-76 CROSS-SECTIONS, SEE SHEETS 112 - 113
FOR BARRIER DETAILS, SEE SHEET 185
FOR INTERSECTION DETAILS, SEE SHEET 160
FOR CURB RAMP DETAILS, SEE SHEET 161

ISSUE RECORD:

NO.	DATE	DESCRIPTION

HORIZONTAL SCALE IN FEET
0 10 20 40

CALCULATED GLW
CHECKED SRB

2026-03-24 - BU-32 - RECORD DRAWING PLANS

PLAN - I.R. 76
STA. 311+50 TO END PROJECT

SUM-76/77/8-
8.24/9.74/0.00

43
188

PARSONS
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BU-32

1012.28 1012.40 1012.52 1012.64

EX. BRIDGE
SUM-76-0994

PRINCETON ST.

EX. VC = 14.77'
PR. VC = 14.85'

MATCHLINE STA. 311+50, SEE SHEET 42

PR. PROFILE GRADE
+0.48 %

EX. PROFILE GRADE

END BU-32
STA. 312+72.18
ELEV. 1012.75

STA 312+88.00, 63.32' RT
Ex MH
24" (W) 1004.72

EX. PROFILE GRADE

1004.07
MASONRY COLLAR
PER DM-1.1

1012.43 1012.63 1012.81 1013.14 1013.43 1013.75 1014.05 1014.34 1014.64 1014.90

312 313 314 315 316

ISSUE RECORD:		
NO.	DATE	DESCRIPTION

CALCULATED SGM
CHECKED JDD

PROFILE - I.R. 76
STA. 311+50 TO STA. 312+72.18

SUM-76/77/8-
8.24/9.74/0.00

2026-03-24 - BU-32 - RECORD DRAWING PLANS

PARSONS
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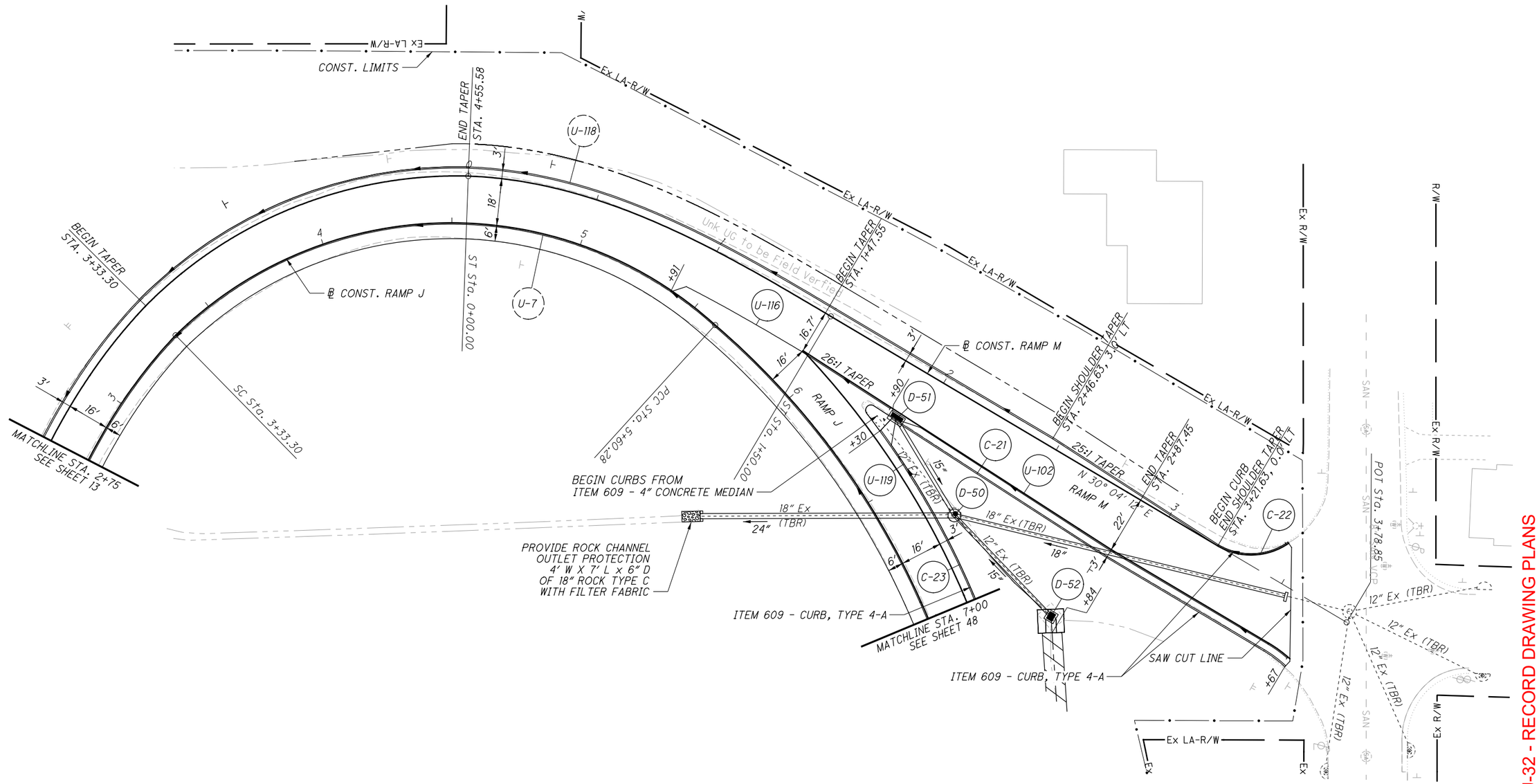
BU-32

ISSUE RECORD:		
NO.	DATE	DESCRIPTION



CROSS REFERENCES:

FOR RAMP J PROFILE, SEE SHEET 46
FOR RAMP M PROFILE, SEE SHEET 47
FOR RAMP J CROSS SECTIONS, SEE SHEETS 116 - 119
FOR RAMP M CROSS SECTIONS, SEE SHEETS 114 - 115

HORIZONTAL SCALE IN FEET
0 10 20 40

CALCULATED GLW
CHECKED SRB

PLAN - RAMP J & RAMP M STA. 2+75 TO STA. 7+00

SUM-76/77/8-8.24/9.74/0.00

2026-03-24 - BU-32 - RECORD DRAWING PLANS

PARSONS
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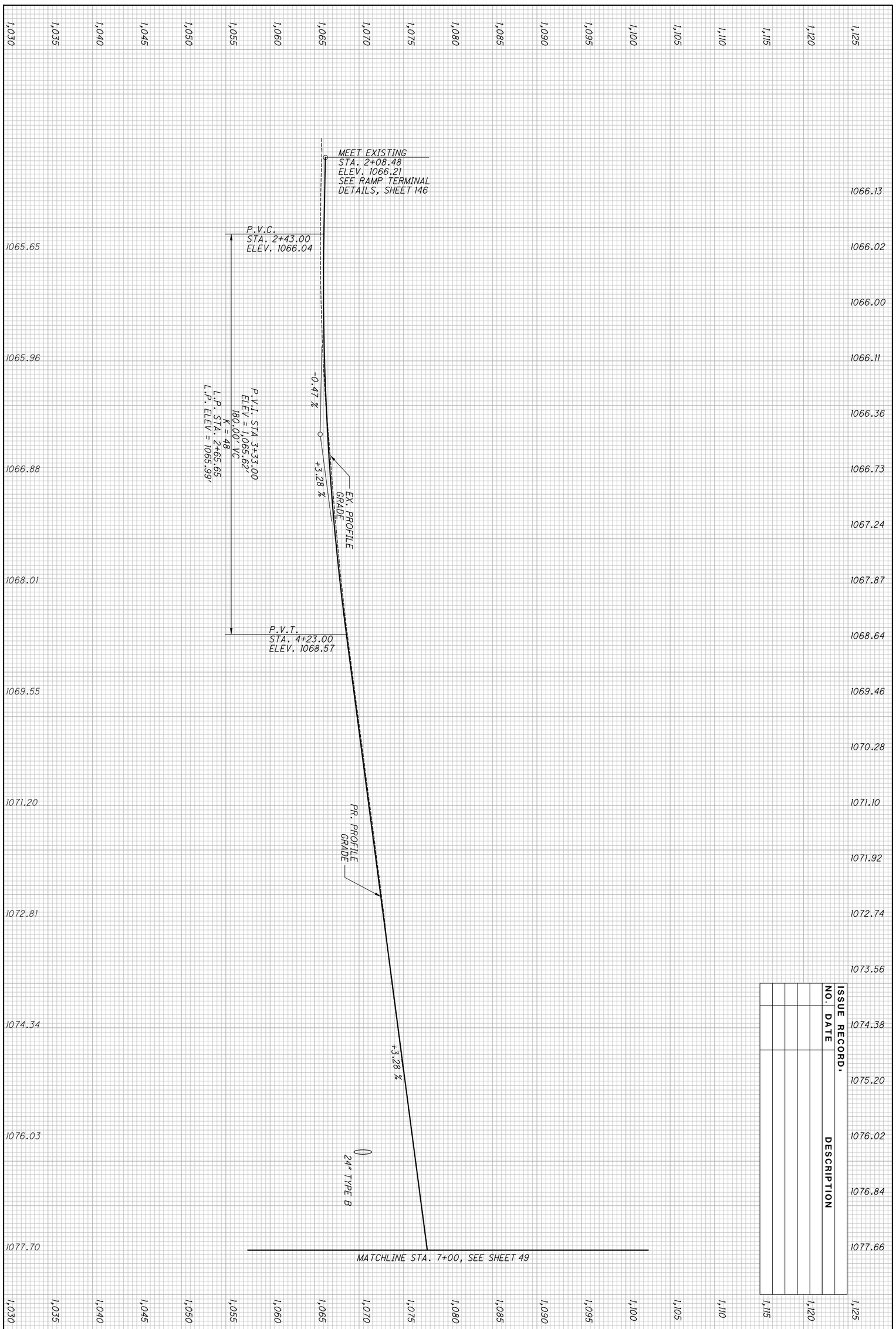


ISSUE RECORD: NO.	DATE	DESCRIPTION

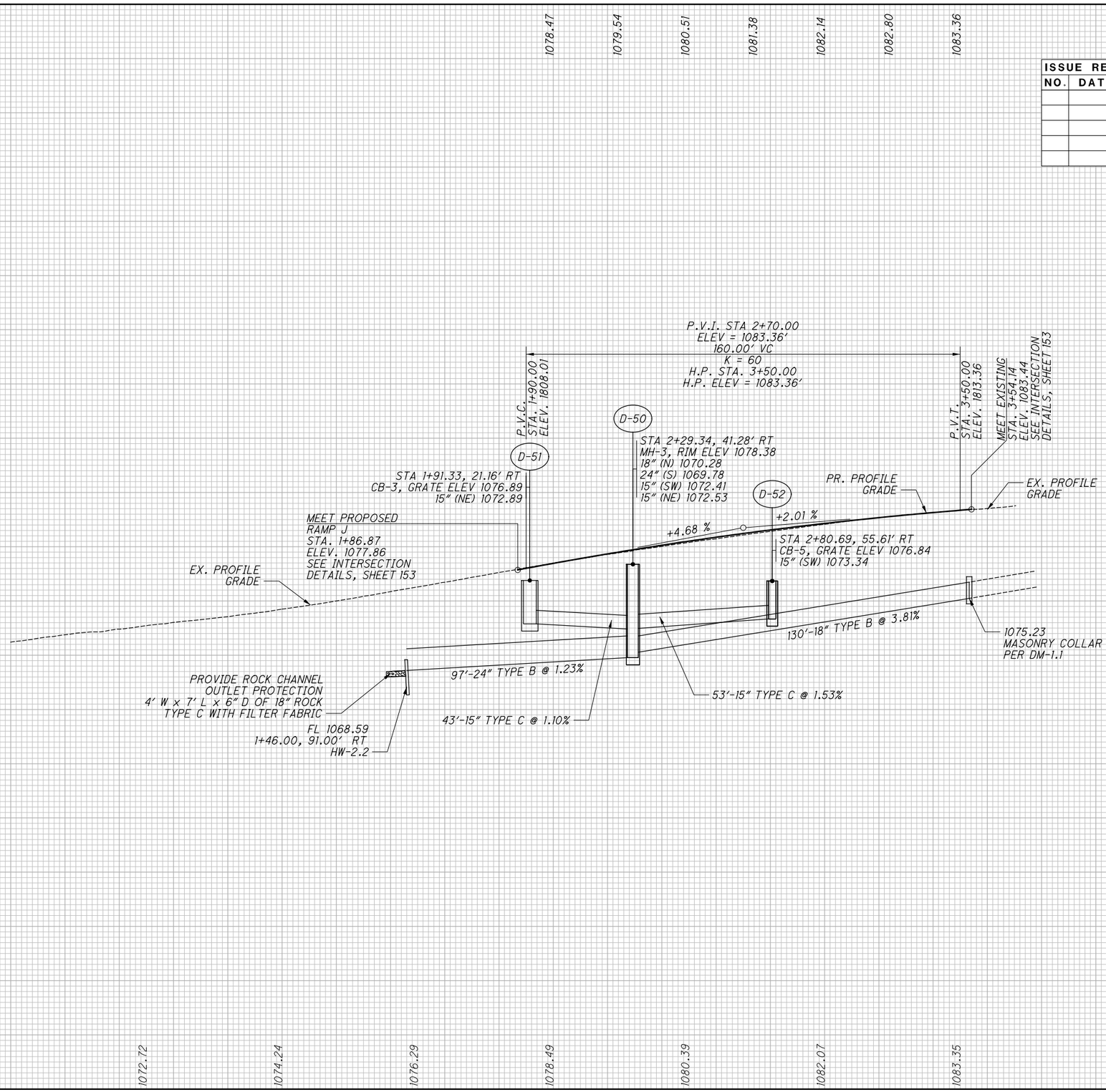
2026-03-24 - BU-32 - RECORD DRAWING PLANS

188 / 46	SUM-76/77/8- 8.24/9.74/0.00	PROFILE - RAMP J STA. 2+08.48 TO STA. 7+00.00

CALCULATED SGM
CHECKED JDD

PARSONS
pw:\\VANVA01PWINT01.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Roadway\Sheets\BU-32\102329_BU-32_GF216.dgn-2/16/2022-4:50:15 PM-p007870A

ISSUE RECORD:		
NO.	DATE	DESCRIPTION



CALCULATED SGM
CHECKED JDD

PROFILE - RAMP M
STA. 1+86.87 TO STA. 3+54.14

SUM-76/77/8-8.24/9.74/0.00

2026-03-24 - BU-32 - RECORD DRAWING PLANS

ISSUE RECORD:		
NO.	DATE	DESCRIPTION

HORIZONTAL SCALE IN FEET
0 10 20 40

CALCULATED GLW
CHECKED SRB

PLAN - RAMP J
STA. 7+00 TO END

ITEM 670 - DITCH EROSION PROTECTION

CROSS REFERENCES:
FOR RAMP J PROFILE, SEE SHEET 49
FOR RAMP J CROSS-SECTIONS, SEE SHEETS 119 - 122

2026-03-24 - BU-32 - RECORD DRAWING PLANS

SUM-76/77/8-
8.24/9.74/0.00

48
188

PARSONS
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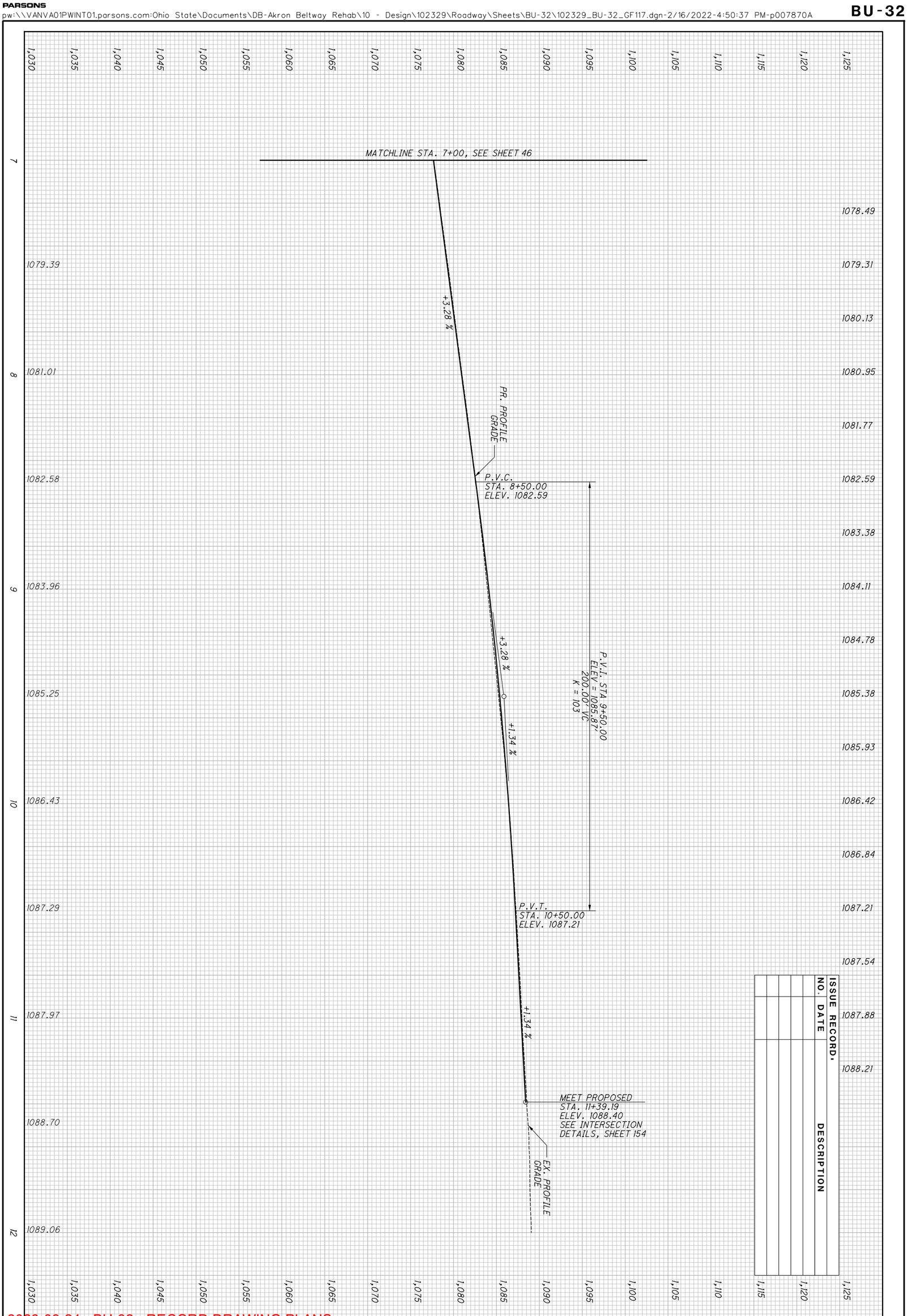


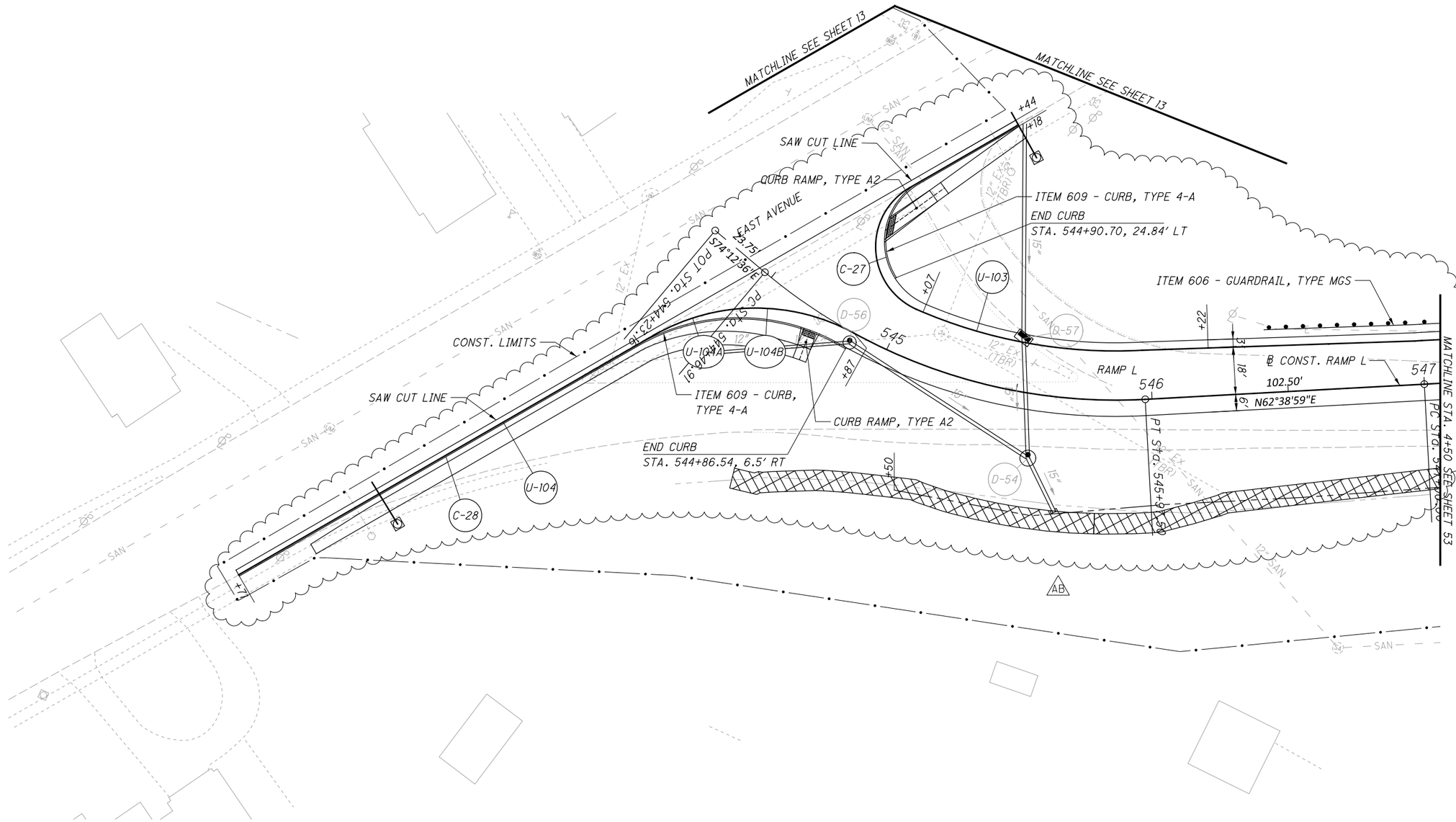
2026-03-24 - BU-32 - RECORD DRAWING PLANS

49 / 188	SUM-76/77/8- 8.24/9.74/0.00	PROFILE - RAMP J STA. 7+00.00 TO STA. 11+39.19

CALCULATED SGM
CHECKED JDD

BU-32

ISSUE RECORD:		
NO.	DATE	DESCRIPTION
AB	9/22/25	RAMP L REDESIGN



ITEM 836 - SEEDING AND EROSION CONTROL WITH TURF REINFORCING MAT, TYPE 1

CROSS REFERENCES:

FOR RAMP K PROFILE, SEE SHEET 52
FOR RAMP L PROFILE, SEE SHEET 51
FOR RAMP K CROSS SECTIONS, SEE SHEET 129
FOR RAMP L CROSS SECTIONS, SEE SHEETS 123 - 125

HORIZONTAL SCALE IN FEET
0 10 20 40

CALCULATED GLW
CHECKED SRB

PLAN - RAMP L & RAMP K BEGIN TO STA. 4+50

SUM-76/77/8-8.24/9.74/0.00

50
188

2026-03-24 - BU-32 - RECORD DRAWING PLANS

PARSONS
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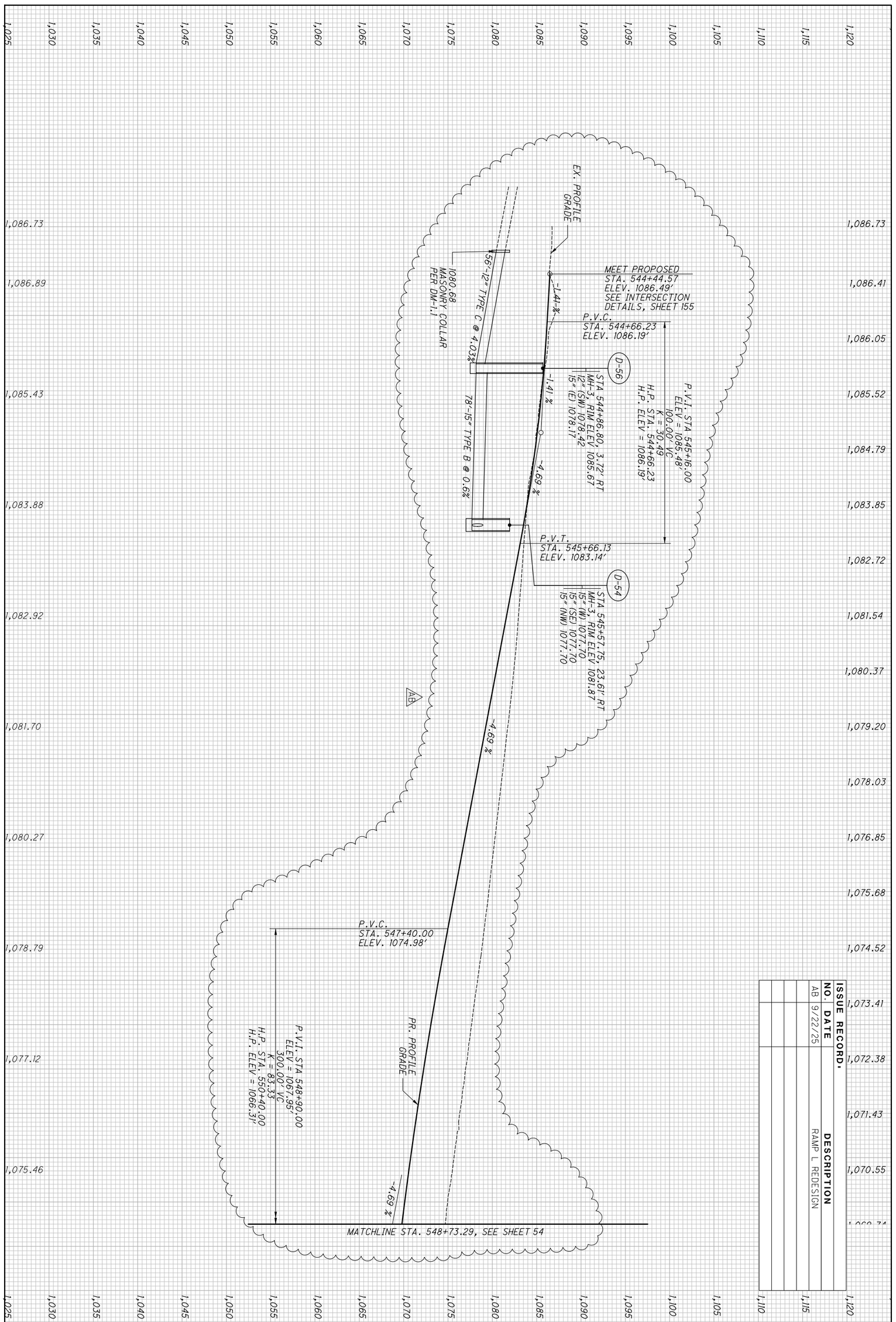


ISSUE RECORD		
NO.	DATE	DESCRIPTION
AB	9/22/25	RAMP L REDESIGN

2026-03-24 - BU-32 - RECORD DRAWING PLANS

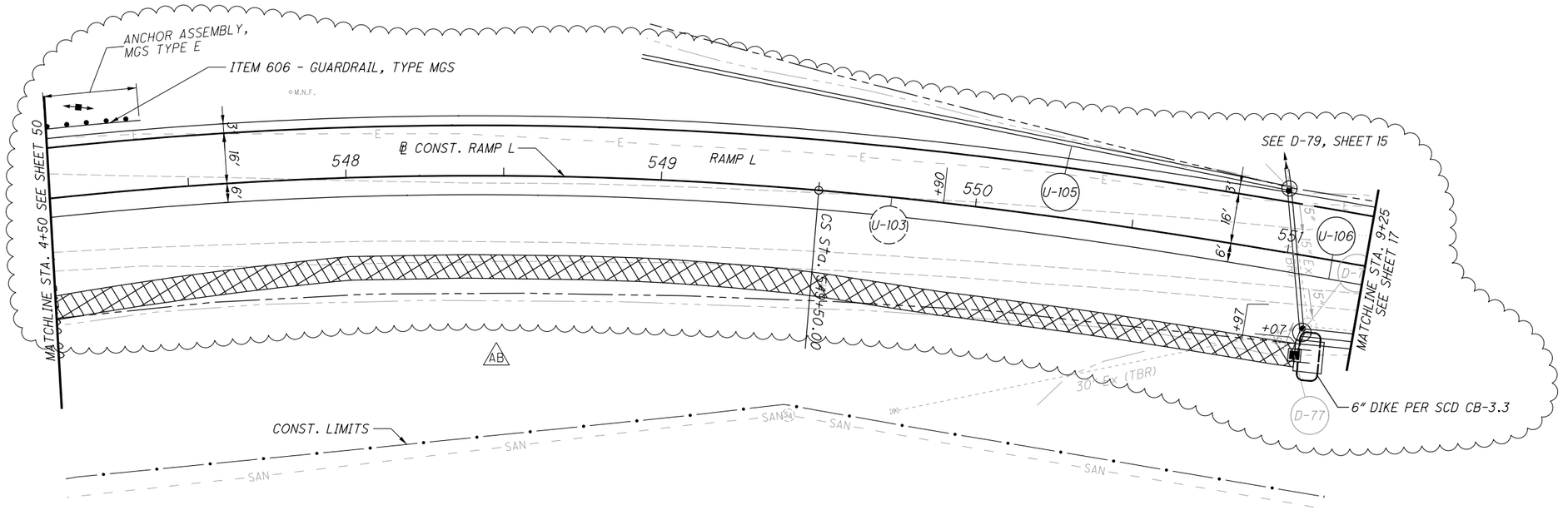
51 / 188	SUM-76/77/8- 8.24/9.74/0.00	PROFILE - RAMP L STA. 1+42.97 TO STA. 4+50.00	CALCULATED SGM CHECKED JDD

PROFILE GRADE LINE RAMP K

ISSUE RECORD:		
NO.	DATE	DESCRIPTION
AB	9/22/25	RAMP L REDESIGN

2026-03-24 - BU-32 - RECORD DRAWING PLANS

ISSUE RECORD:		
NO.	DATE	DESCRIPTION
AB	9/22/25	RAMP L REDESIGN



ITEM 836 - SEEDING AND EROSION CONTROL WITH TURF REINFORCING MAT, TYPE 1
ITEM 836 - SEEDING AND EROSION CONTROL WITH TURF REINFORCING MAT, TYPE 2

CROSS REFERENCES:
FOR RAMP L PROFILE, SEE SHEET 54
FOR RAMP L CROSS SECTIONS, SEE SHEETS 125 - 128

HORIZONTAL SCALE IN FEET
0 10 20 40

CALCULATED GLW
CHECKED SRB

PLAN - RAMP L
STA. 4+50 TO STA. 9+25

SUM-76/77/8-8.24/9.74/0.00

53
188

2026-03-24 - BU-32 - RECORD DRAWING PLANS

PARSONS
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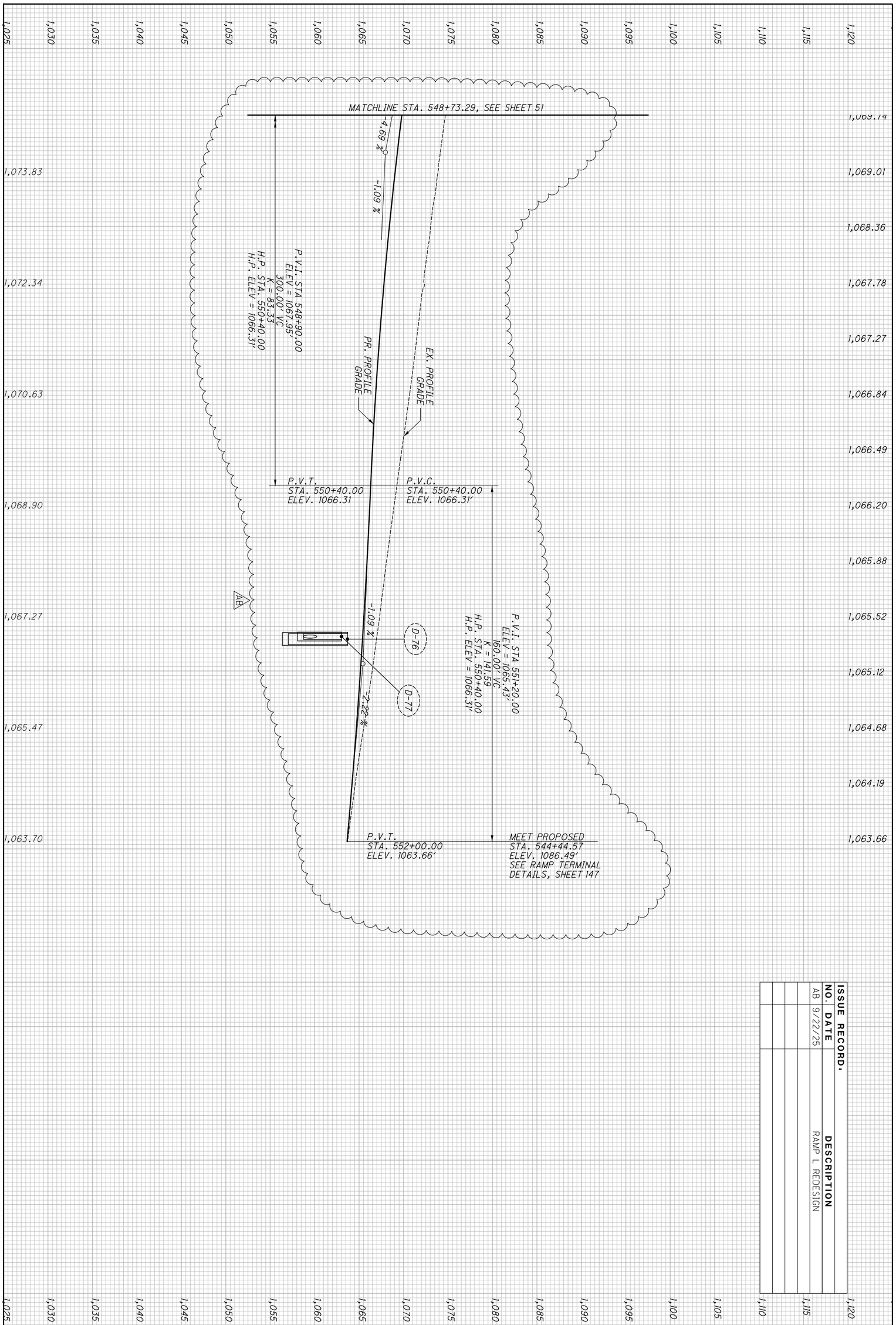


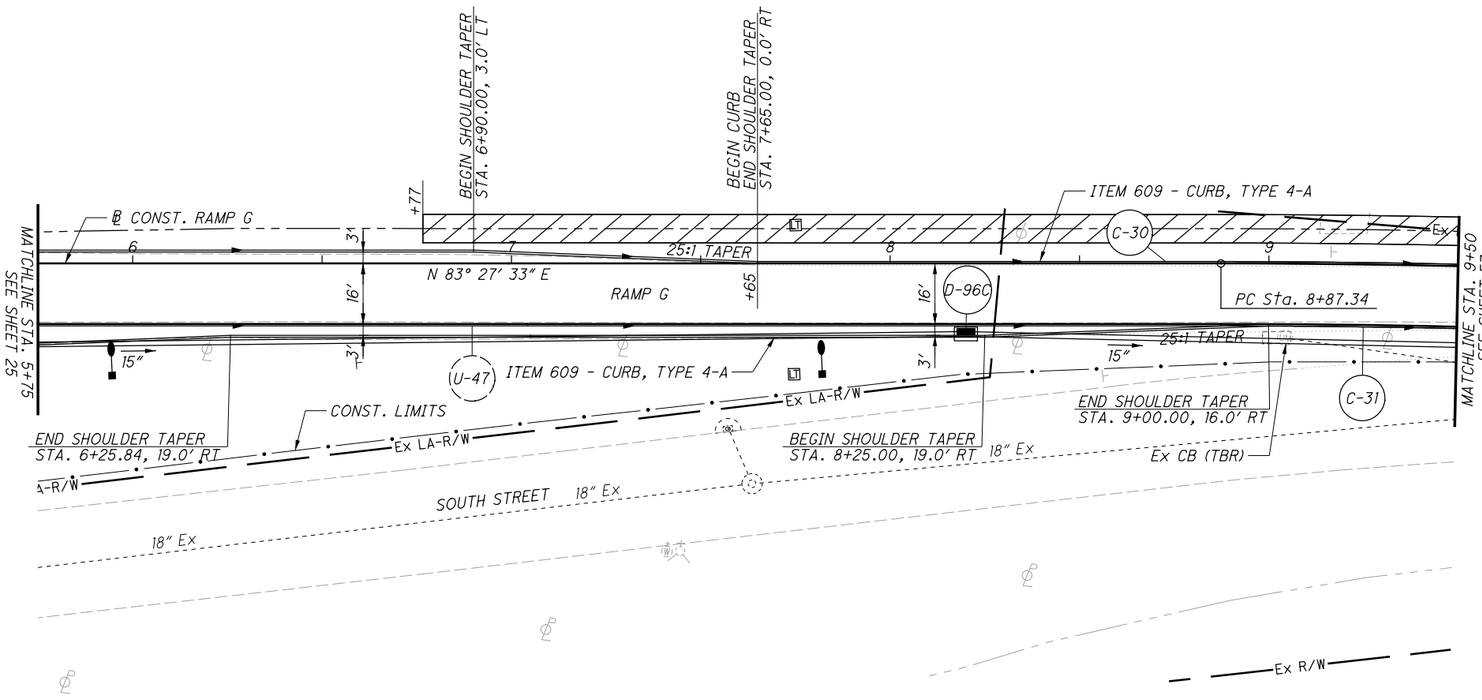
ISSUE RECORD:		
NO.	DATE	DESCRIPTION
AB	9/22/25	RAMP L REDESIGN

2026-03-24 - BU-32 - RECORD DRAWING PLANS

54 / 188	SUM-76/77/8- 8.24/9.74/0.00	PROFILE - RAMP L STA. 4+50.00 TO STA. 9+38.66

CALCULATED SGM
CHECKED JDD

ISSUE RECORD:		
NO.	DATE	DESCRIPTION



ITEM 670 - DITCH EROSION PROTECTION

CROSS REFERENCES:
FOR RAMP G PROFILE, SEE SHEET 56
FOR RAMP G CROSS-SECTIONS, SEE SHEETS 130 - 133

PARSONS
p:\\VANVA01PWINT01.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Roadway\Sheets\BU-32\102329_BU-32_GP120.dgn-2/16/2022-4:52:00 PM-p007870A

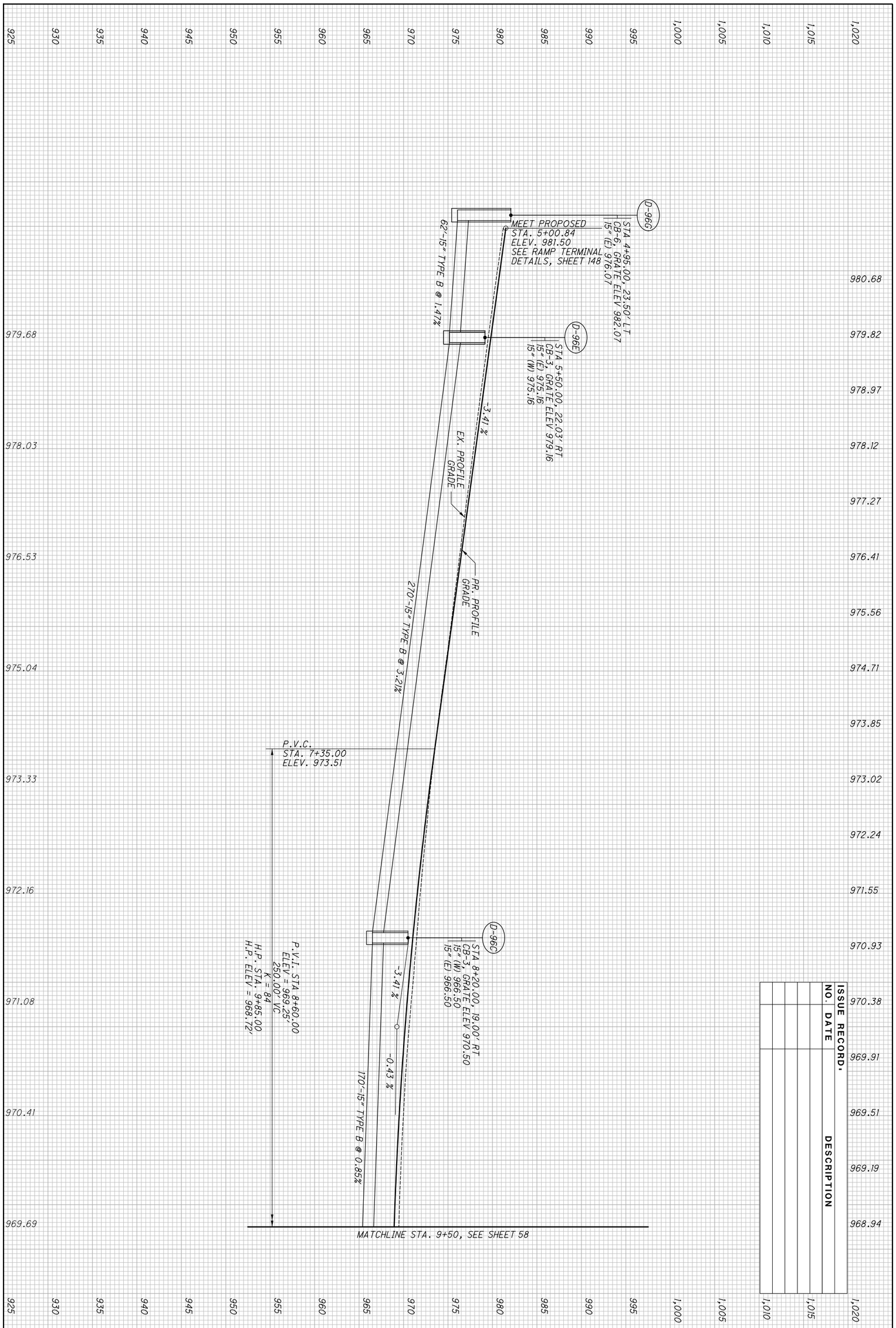
2026-03-24 - BU-32 - RECORD DRAWING PLANS

HORIZONTAL SCALE IN FEET
0 10 20 40

CALCULATED GLW
CHECKED SRB

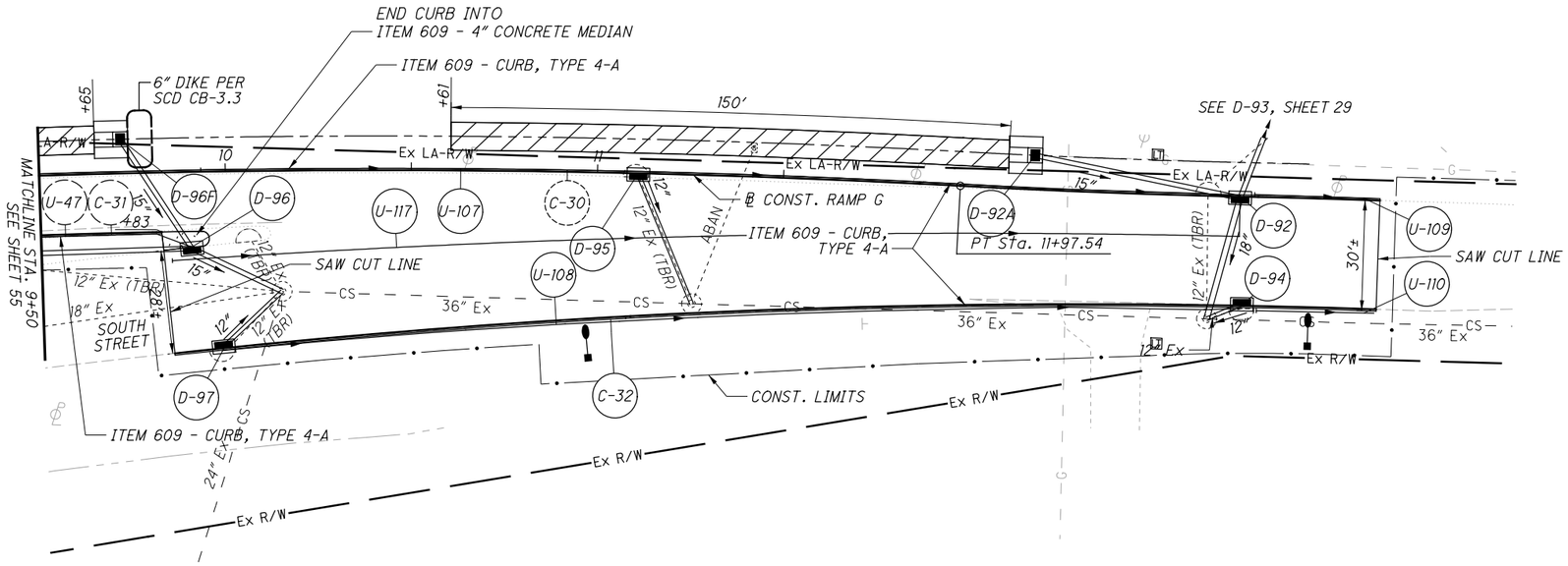
PLAN - RAMP G
STA. 5+75 TO STA. 9+50

SUM-76/77/8-
8.24/9.74/0.00



2026-03-24 - BU-32 - RECORD DRAWING PLANS

ISSUE RECORD:		
NO.	DATE	DESCRIPTION



ITEM 670 - DITCH EROSION PROTECTION

CROSS REFERENCES:

FOR RAMP G PROFILE, SEE SHEET 58
FOR RAMP G CROSS SECTIONS, SEE SHEET 133
FOR STORM SEWER PROFILES, SEE SHEETS 167 & 170

HORIZONTAL SCALE IN FEET
0 10 20 40

CALCULATED GLW
CHECKED SRB

PLAN - RAMP G STA. 9+50 TO END

SUM-76/77/8-8.24/9.74/0.00

57
188

2026-03-24 - BU-32 - RECORD DRAWING PLANS

PARSONS
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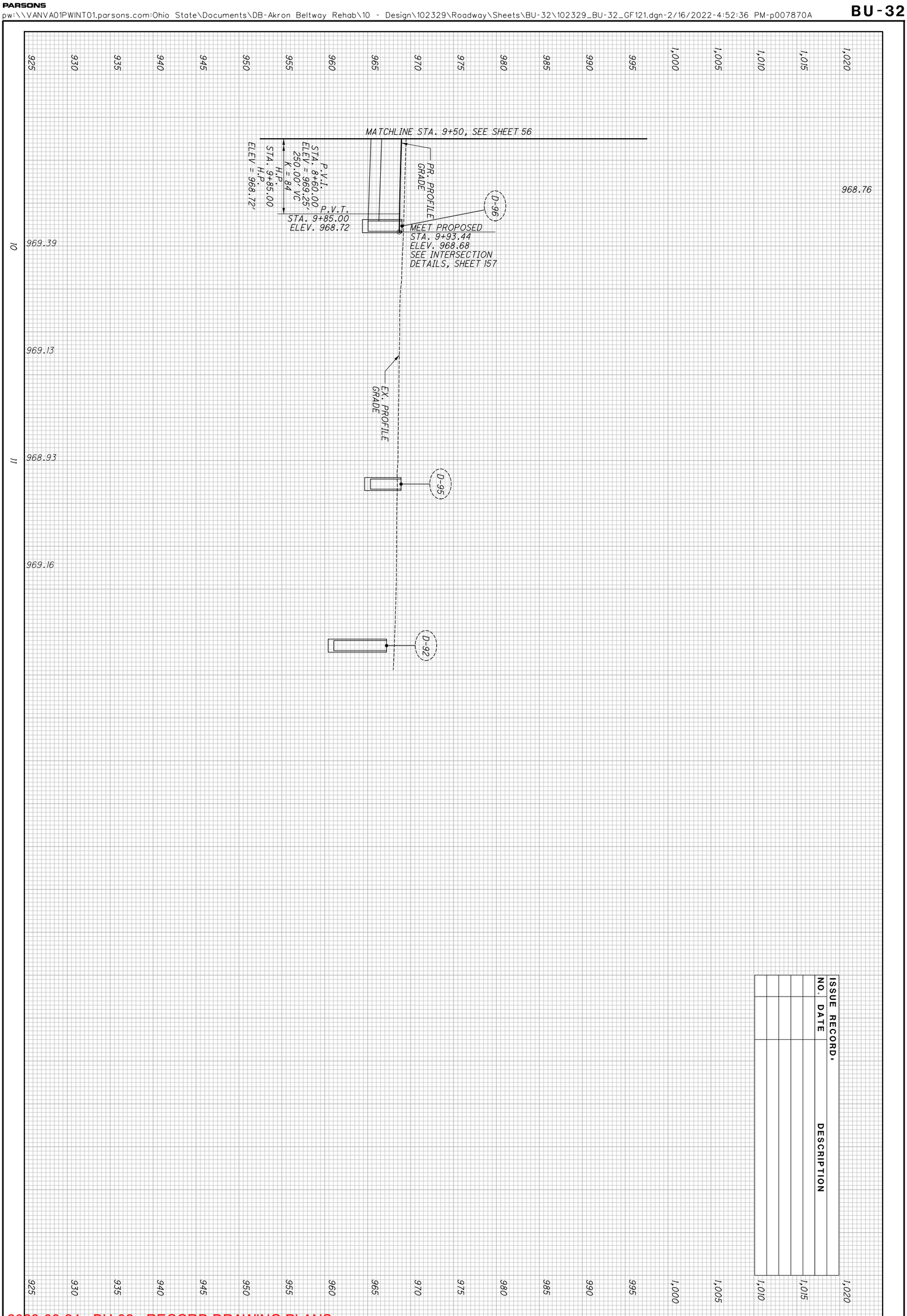


ISSUE RECORD:		
NO.	DATE	DESCRIPTION

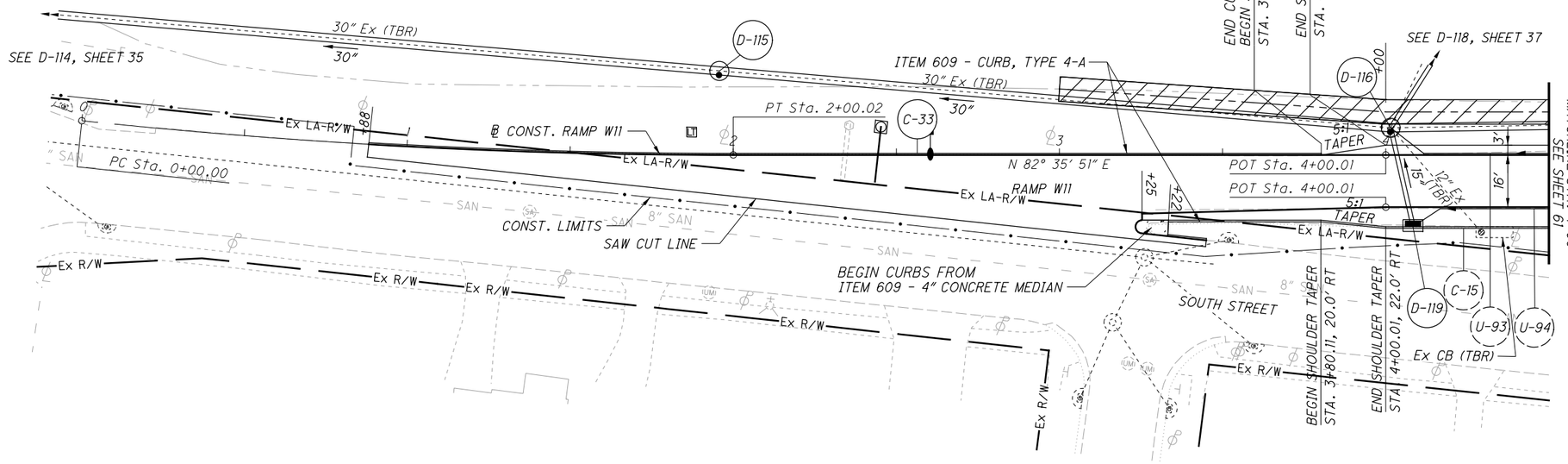
2026-03-24 - BU-32 - RECORD DRAWING PLANS

58 / 188	SUM-76/77/8- 8.24/9.74/0.00	PROFILE - RAMP G STA. 9+50.00 TO STA. 9+93.44

CALCULATED SGM
CHECKED JDD

BU-32

ISSUE RECORD:		
NO.	DATE	DESCRIPTION



ITEM 670 - DITCH EROSION PROTECTION

CROSS REFERENCES:

FOR RAMP W11 PROFILE, SEE SHEET 60
FOR RAMP W11 CROSS-SECTIONS, SEE SHEETS 134 & 135
FOR STORM SEWER PROFILES, SEE SHEET 169

HORIZONTAL SCALE IN FEET
0 10 20 40

CALCULATED GLW
CHECKED SRB

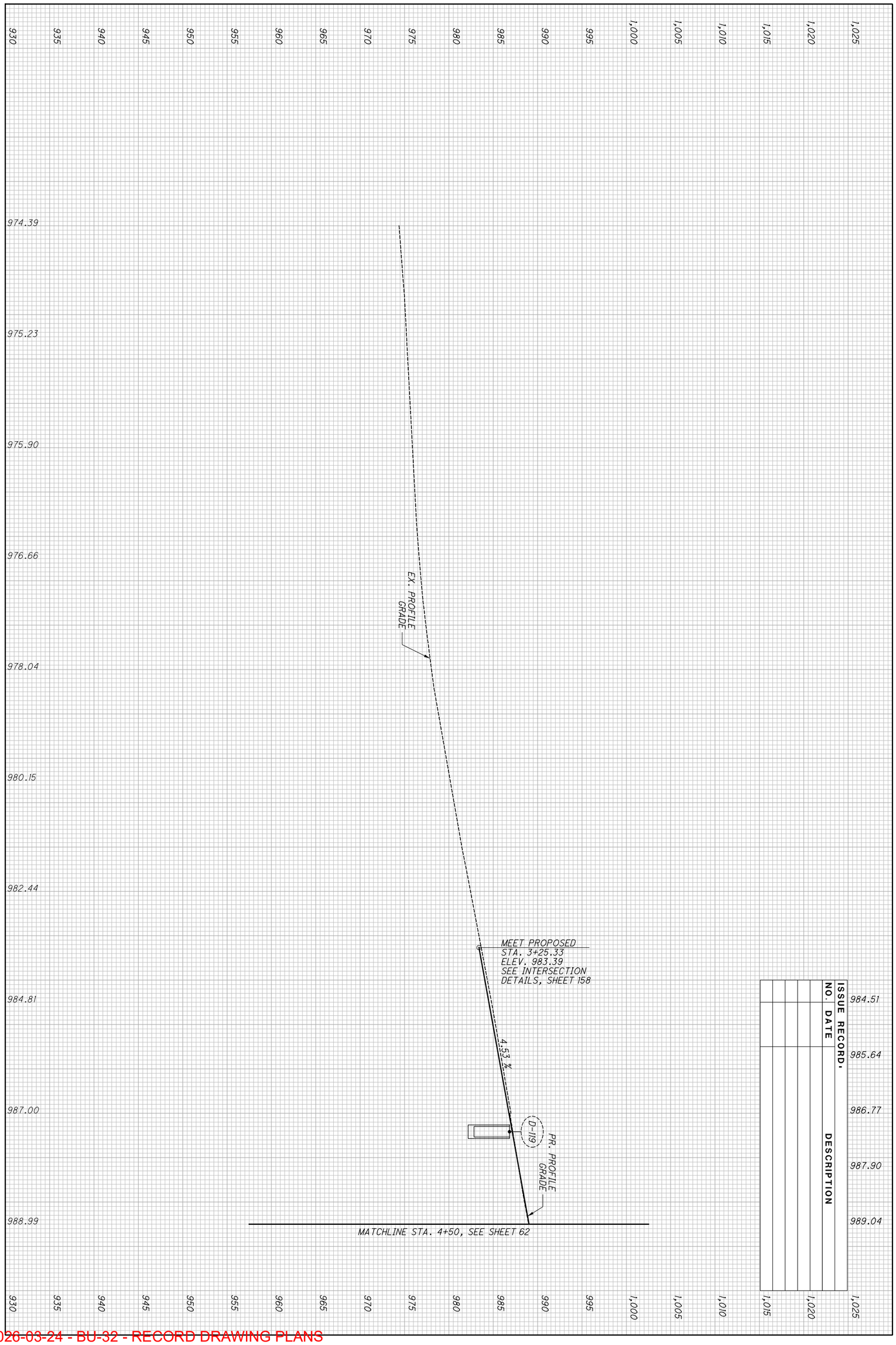
PLAN - RAMP W11
BEGIN TO STA. 4+50

SUM-76/77/8-
8.24/9.74/0.00

59
188

2026-03-24 - BU-32 - RECORD DRAWING PLANS

PARSONS
pw:\\VANVA01PWINT01.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Roadway\Sheets\BU-32\102329_BU-32_GP122.dgn-2/16/2022-4:52:46 PM-p007870A

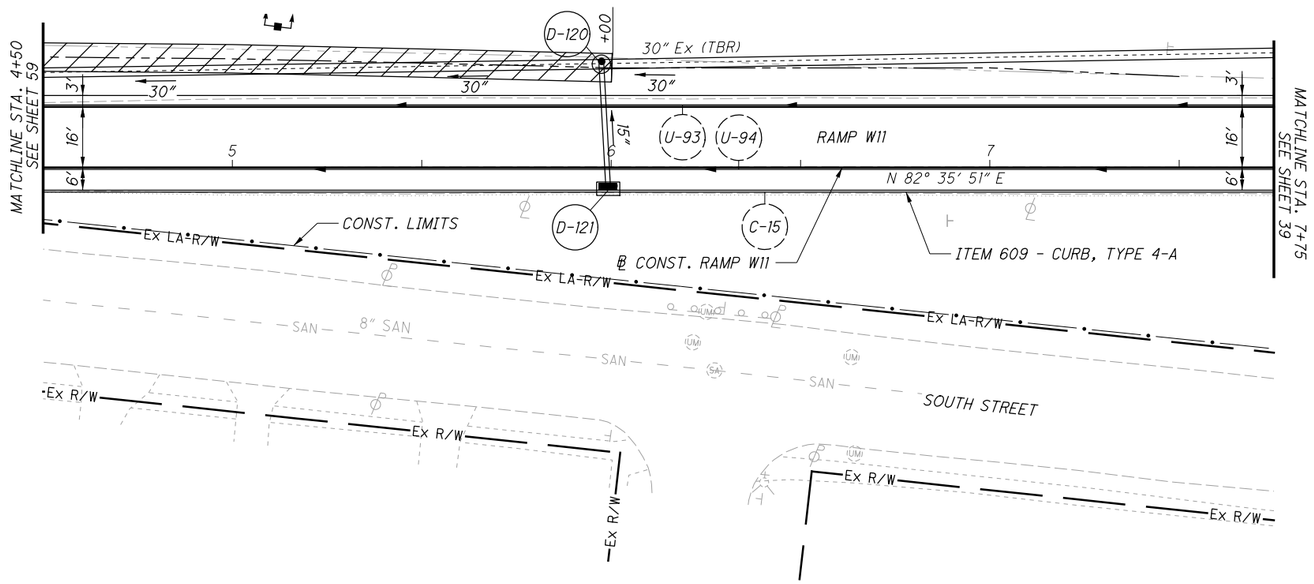


2026-03-24 - BU-32 - RECORD DRAWING PLANS

188 / 60	SUM-76/77/8- 8.24/9.74/0.00	PROFILE - RAMP W11 STA. 3+25.33 TO STA. 4+50.00

CALCULATED SGM
CHECKED JDD

ISSUE RECORD:		
NO.	DATE	DESCRIPTION



ITEM 670 - DITCH EROSION PROTECTION

CROSS REFERENCES:

FOR RAMP W11 PROFILE, SEE SHEET 62
FOR RAMP W11 CROSS SECTIONS, SEE SHEETS 135 - 137

PARSONS
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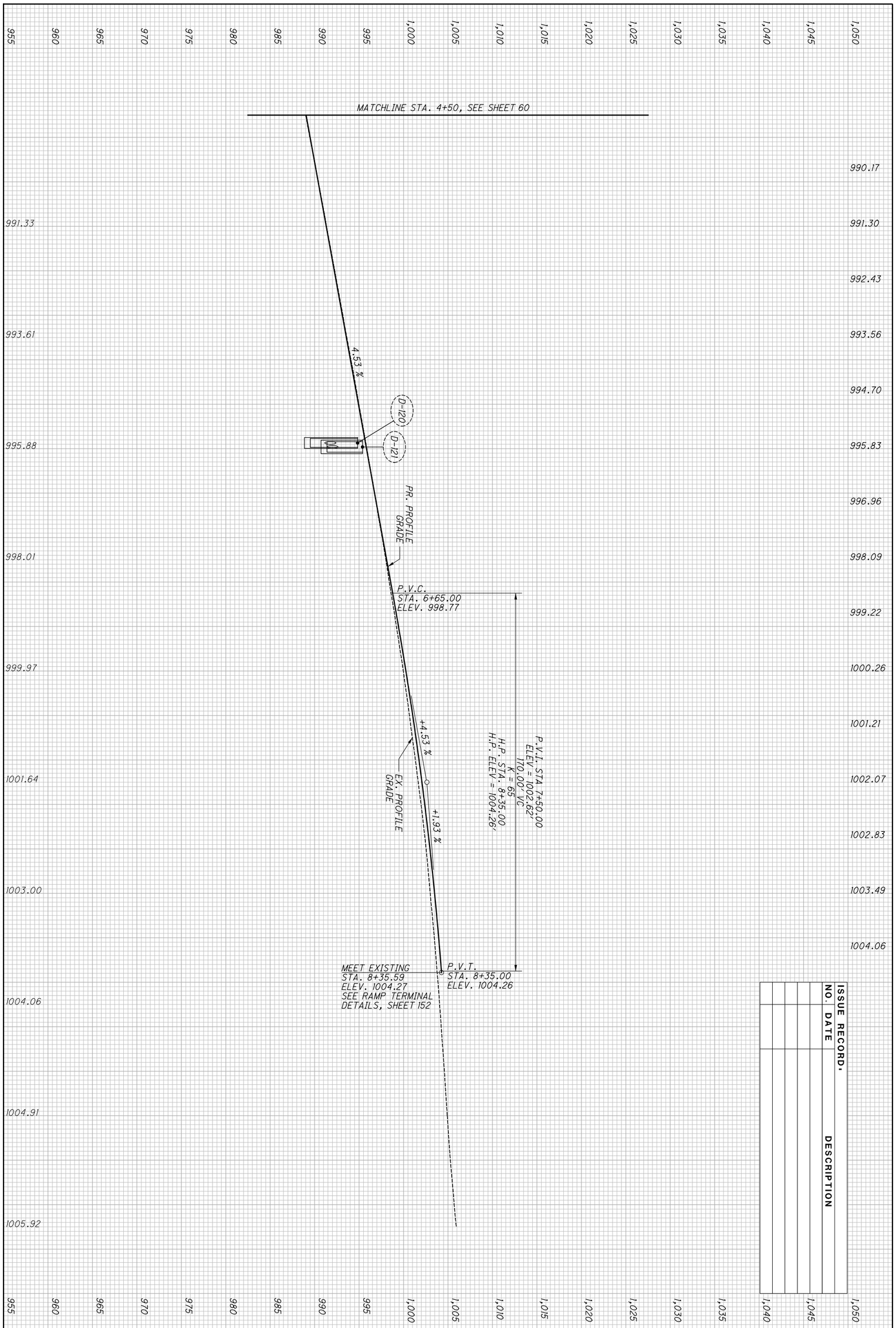
2026-03-24 - BU-32 - RECORD DRAWING PLANS

HORIZONTAL SCALE IN FEET
0 10 20 40

CALCULATED GLW
CHECKED SRB

PLAN - RAMP W11
STA. 4+50 TO STA. 8+50

SUM-76/77/8-
8.24/9.74/0.00



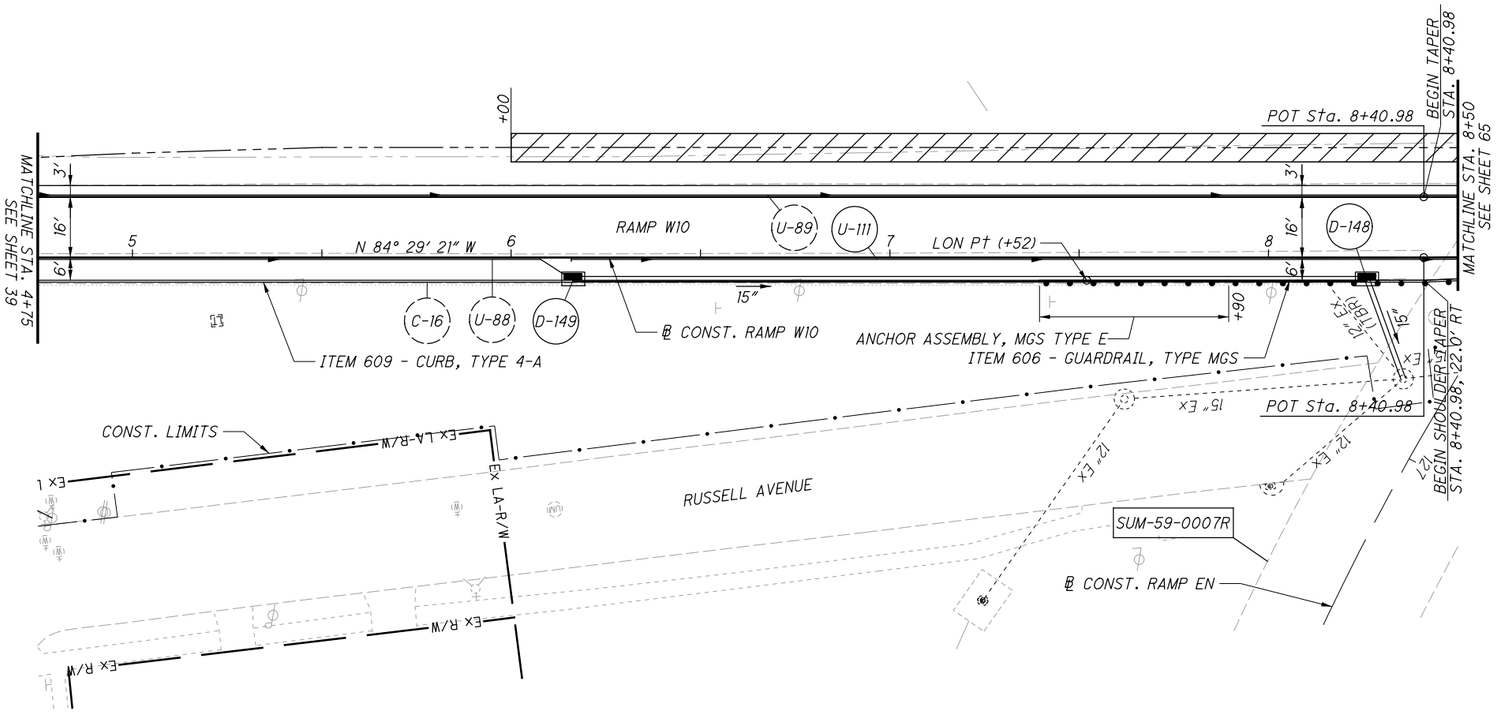
ISSUE RECORD:		
NO.	DATE	DESCRIPTION

2026-03-24 - BU-32 - RECORD DRAWING PLANS

62 / 188	SUM-76/77/8- 8.24/9.74/0.00	PROFILE - RAMP W11 STA. 4+50.00 TO STA. 8+35.59	CALCULATED SGM CHECKED JDD

BU-32

ISSUE RECORD:		
NO.	DATE	DESCRIPTION



ITEM 670 - DITCH EROSION PROTECTION

CROSS REFERENCES:
FOR RAMP W10 PROFILE, SEE SHEET 64
FOR RAMP W10 CROSS SECTIONS, SEE SHEETS 139 - 141

PARSONS
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2026-03-24 - BU-32 - RECORD DRAWING PLANS

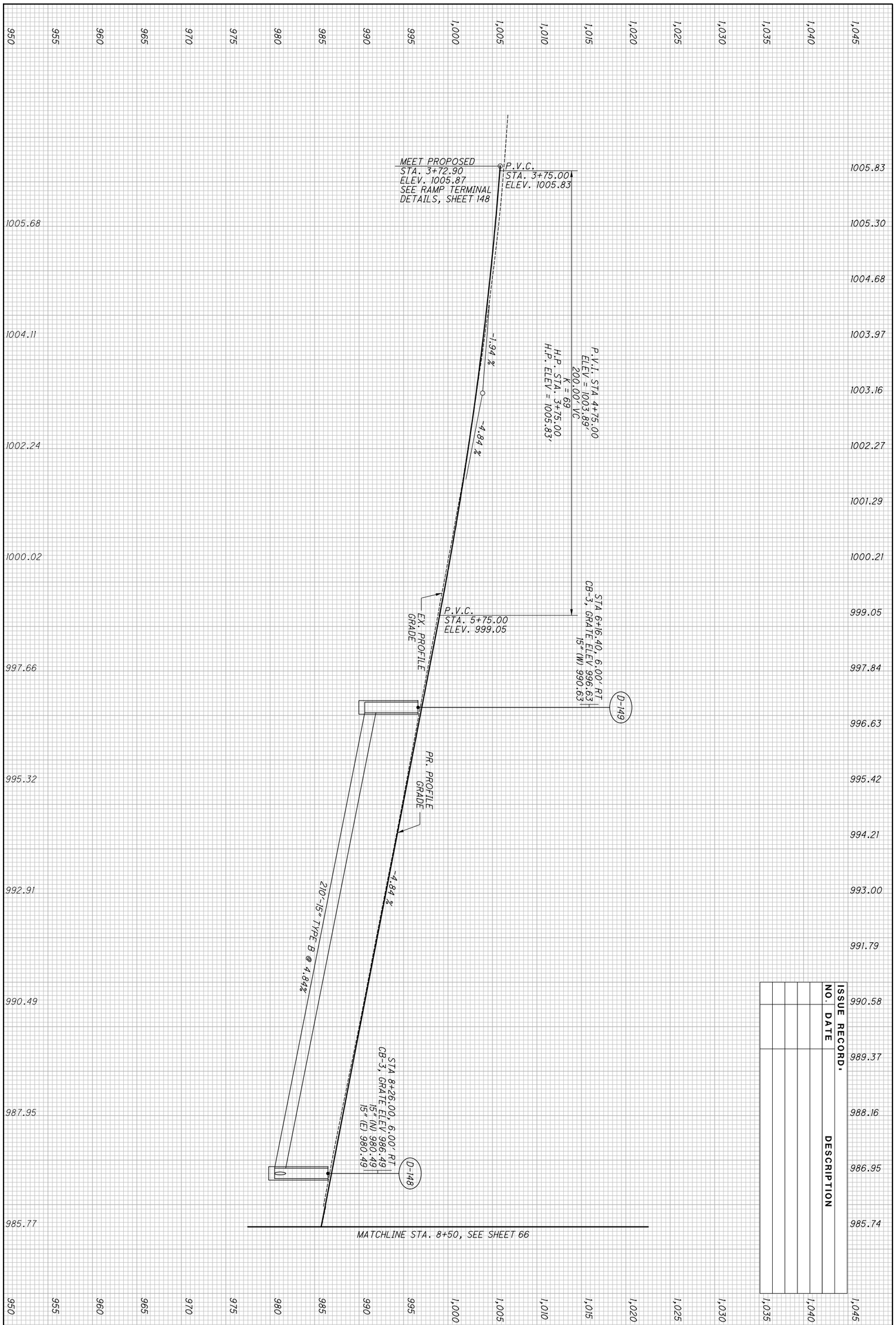
HORIZONTAL SCALE IN FEET
0 10 20 40

CALCULATED GLW
CHECKED SRB

PLAN - RAMP W10
STA. 4+75 TO STA. 8+50

SUM-76/77/8-
8.24/9.74/0.00

63
188



ISSUE RECORD

NO.	DATE	DESCRIPTION

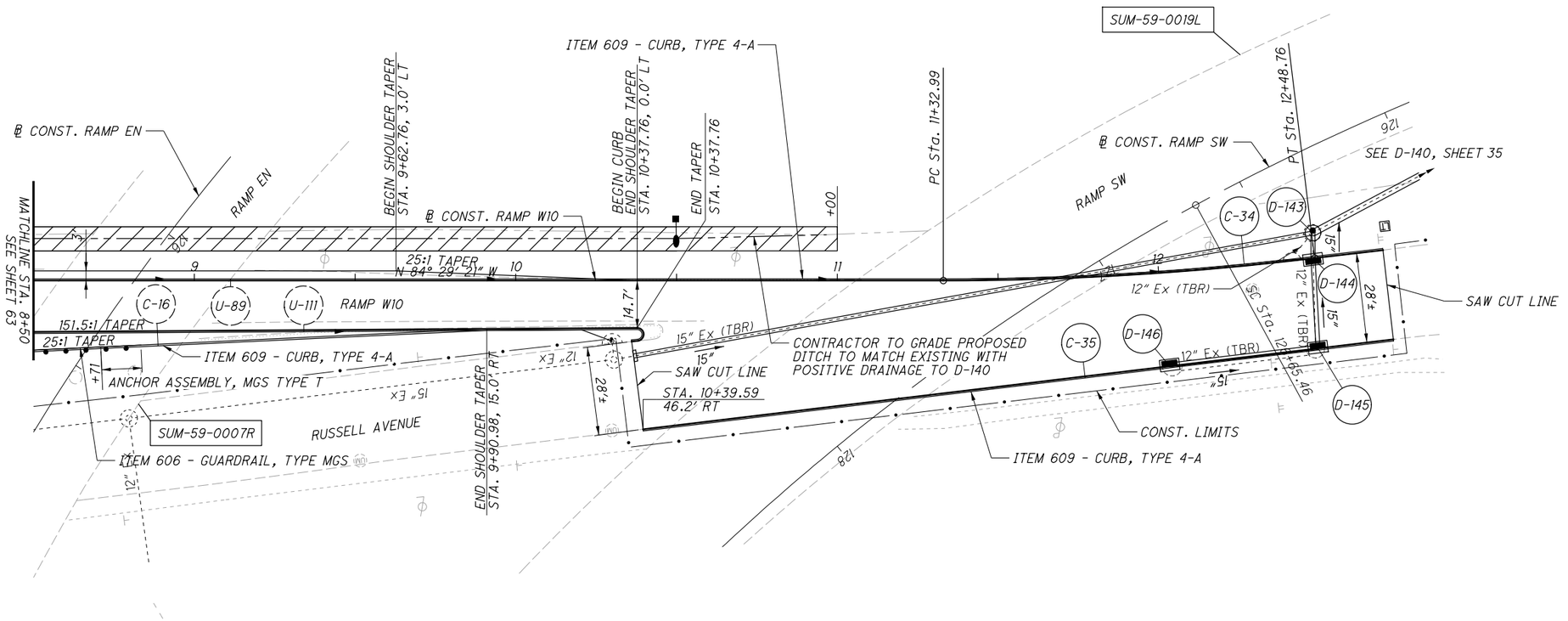
2026-03-24 - BU-32 - RECORD DRAWING PLANS

PROFILE - RAMP W10
STA. 3+72.90 TO STA. 8+50.00

CALCULATED SGM
CHECKED JDD

BU-32

ISSUE RECORD:		
NO.	DATE	DESCRIPTION



ITEM 670 - DITCH EROSION PROTECTION

CROSS REFERENCES:

FOR RAMP W10 PROFILE, SEE SHEET 66
FOR STORM SEWER PROFILES, SEE SHEETS 168 & 170

HORIZONTAL SCALE IN FEET
0 10 20 40

CALCULATED GLW
CHECKED SRB

PLAN - RAMP W10
STA. 8+50 TO END

2026-03-24 - BU-32 - RECORD DRAWING PLANS

SUM-76/77/8-
8.24/9.74/0.00

65
188

PARSONS
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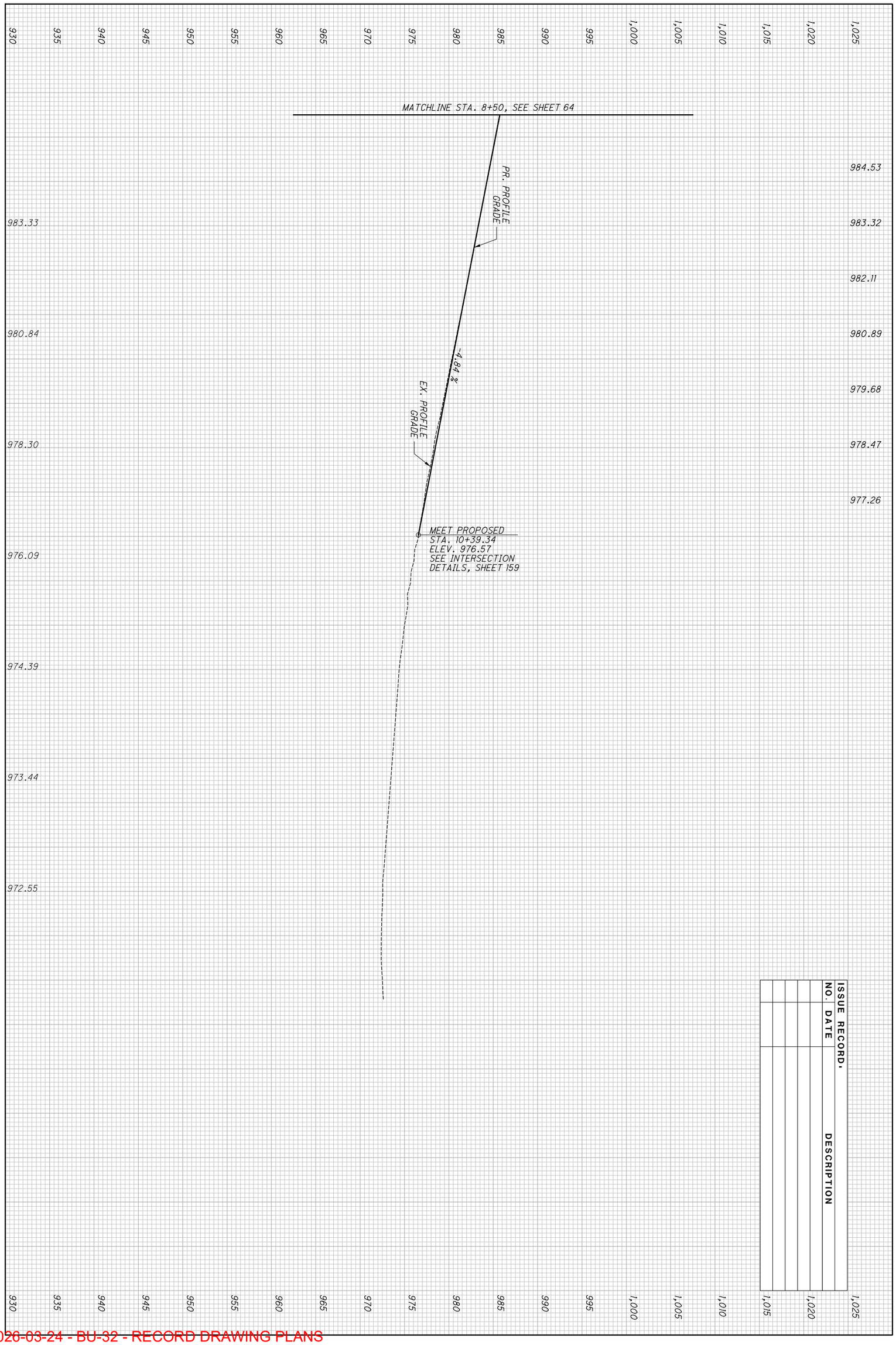


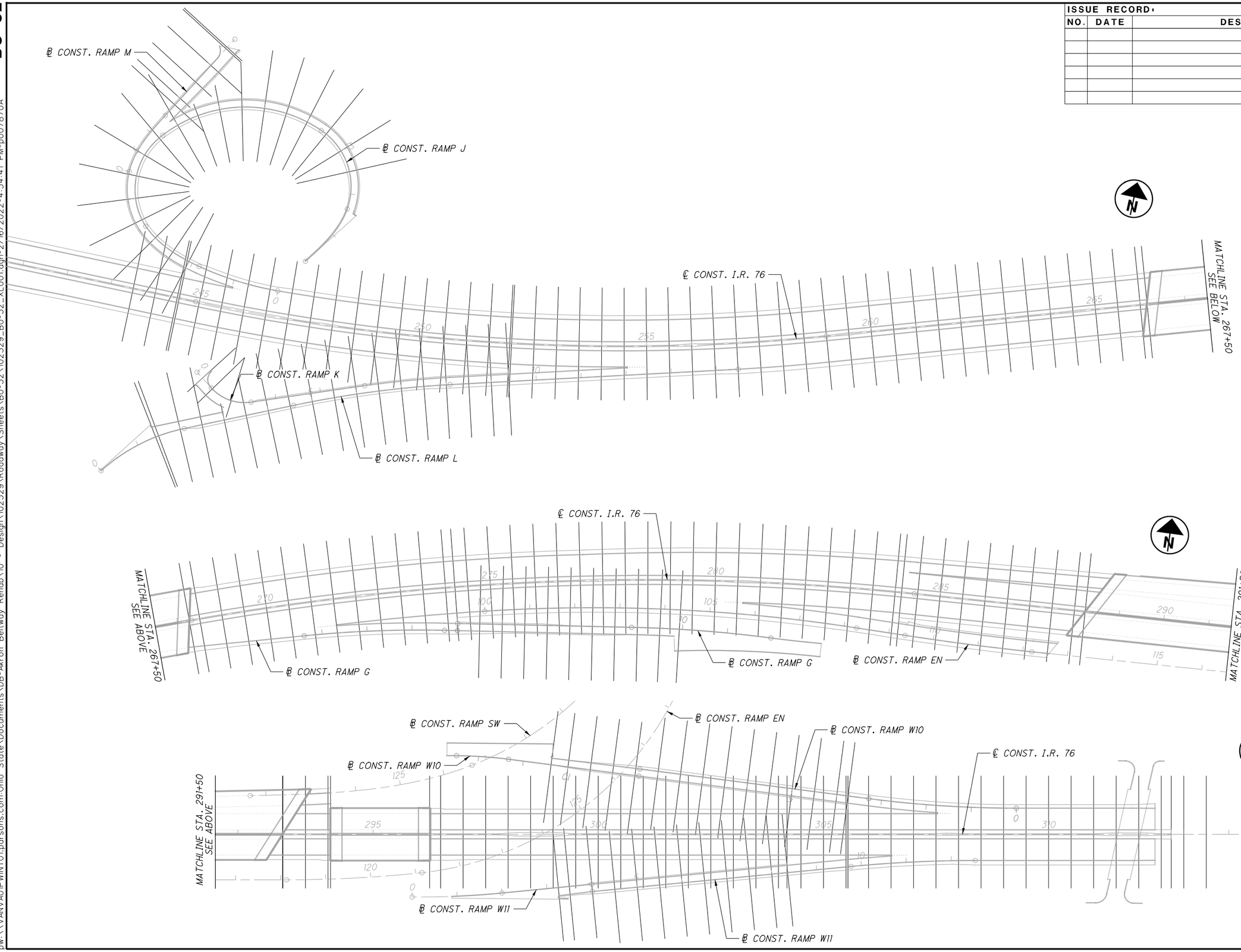
ISSUE RECORD:		
NO.	DATE	DESCRIPTION

2026-03-24 - BU-32 - RECORD DRAWING PLANS

66 / 188	SUM-76/77/8- 8.24/9.74/0.00	PROFILE - RAMP W10 STA. 8+50.00 TO STA. 10+39.34

CALCULATED SGM
CHECKED JDD

BU-32



ISSUE RECORD:		
NO.	DATE	DESCRIPTION

0 50 100 200 HORIZONTAL SCALE IN FEET

CALCULATED GLW CHECKED

CROSS SECTION LAYOUT PLAN

SUM-76/77/8-8.24/9.74/0.00

67
188

2026-03-24 - BU-32 - RECORD DRAWING PLANS

PARSONS

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XS001

SEEDING	
END WIDTH	SQ. YDS.

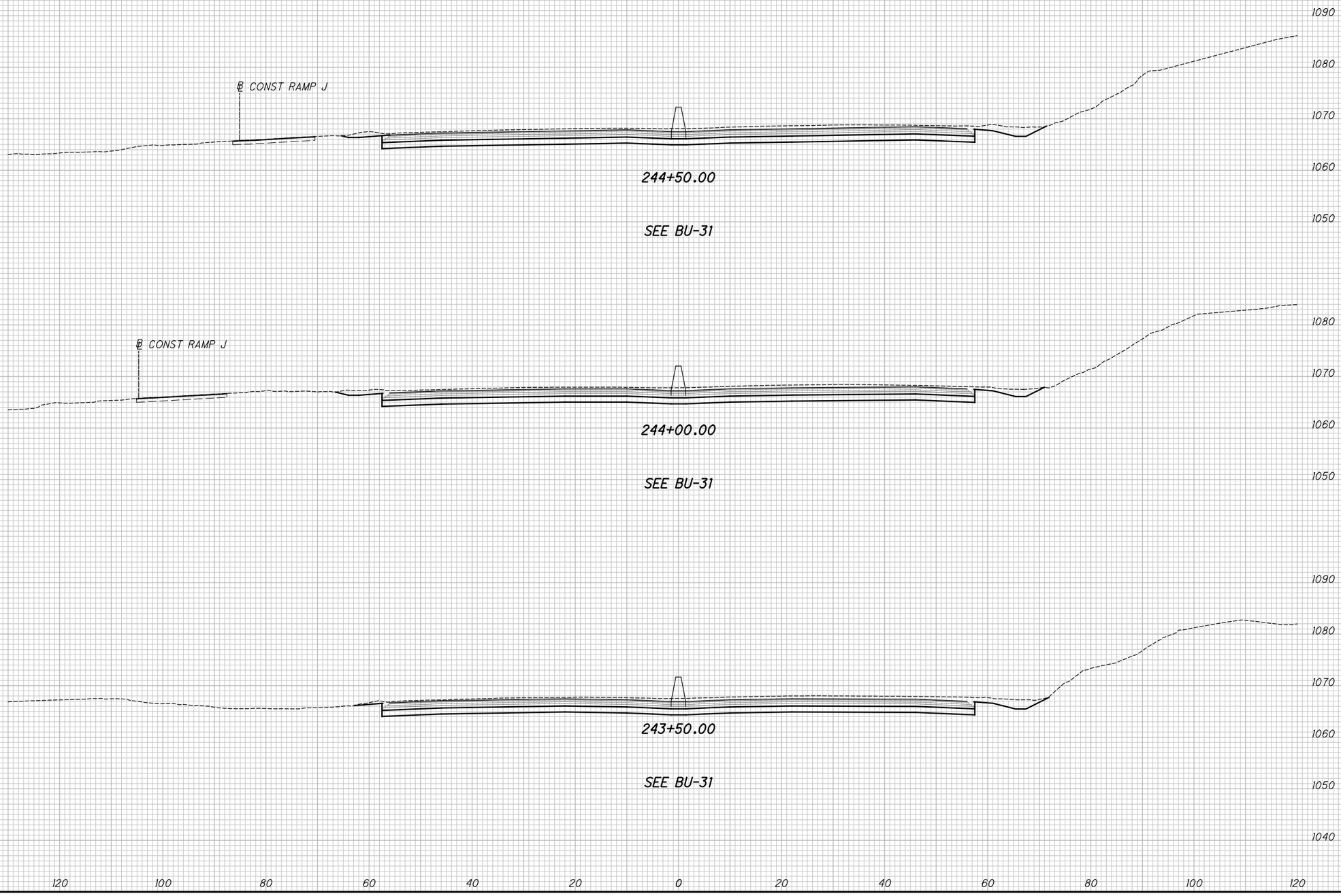
ISSUE RECORD:

NO.	DATE	DESCRIPTION

END AREA		VOLUME	
CUT	FILL	CUT	FILL

CALCULATED JDD

CHECKED JFM



CROSS SECTIONS - I.R. 76
STA. 243+50.00 TO STA. 244+50.00

SUM-76/77/8-8.24/9.74/0.00

2026-03-24 - BU-32 - RECORD DRAWING PLANS

pw:\\VANVAOIPWINT01.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Roadway\Sheets\BU-32\102329_BU-32_XS001.dgn-2/16/2022-4:54:52 PM-p0078704

XS002

SEEDING	
END WIDTH	SQ. YDS.

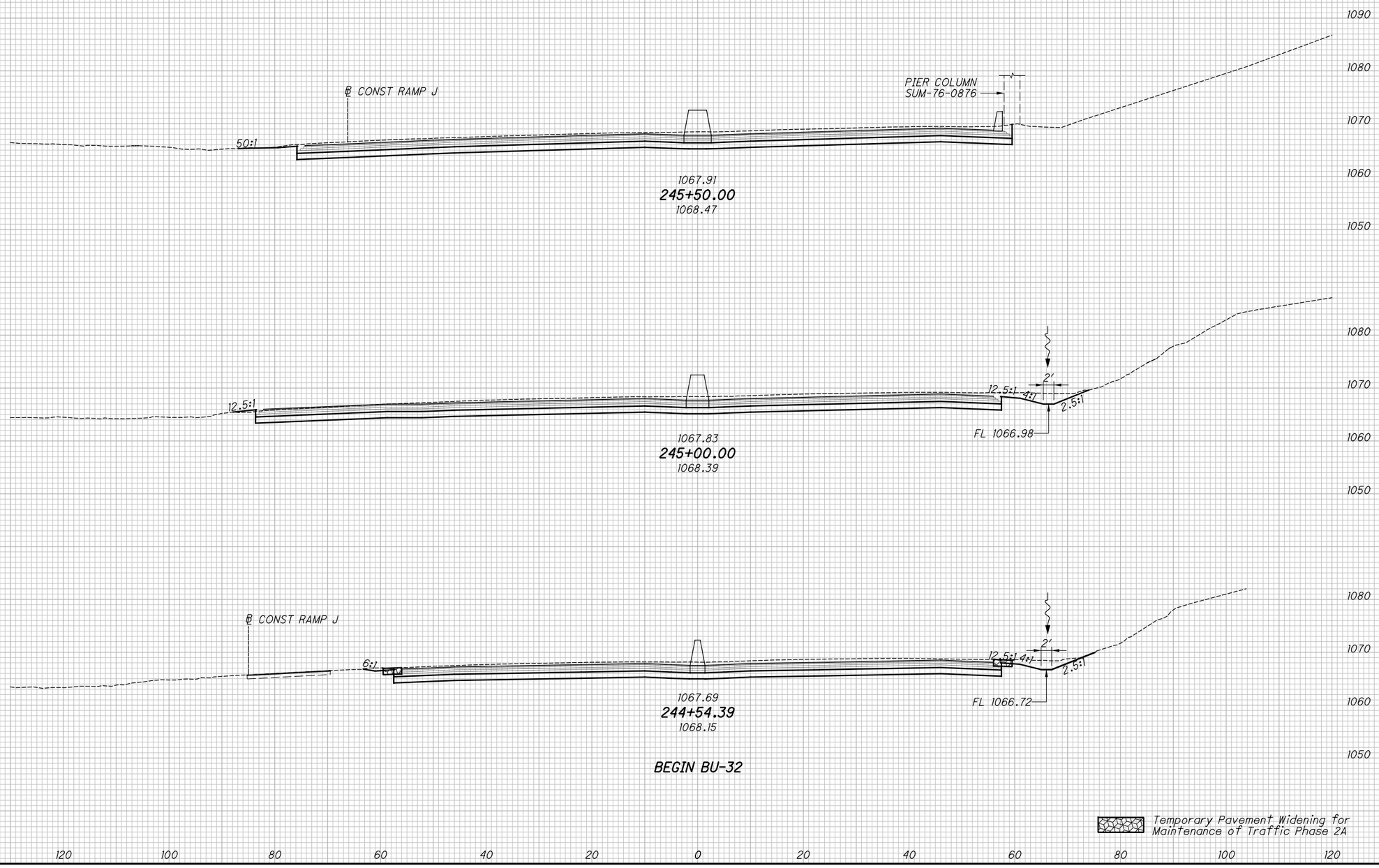
ISSUE RECORD:

NO.	DATE	DESCRIPTION

END AREA		VOLUME	
CUT	FILL	CUT	FILL

CALCULATED JDD

CHECKED JFM



CROSS SECTIONS - I.R. 76

STA. 244+54.39 TO STA. 245+50.00

SUM-76/77/8-8.24/9.74/0.00

2026-03-24 - BU-32 - RECORD DRAWING PLANS

XS003

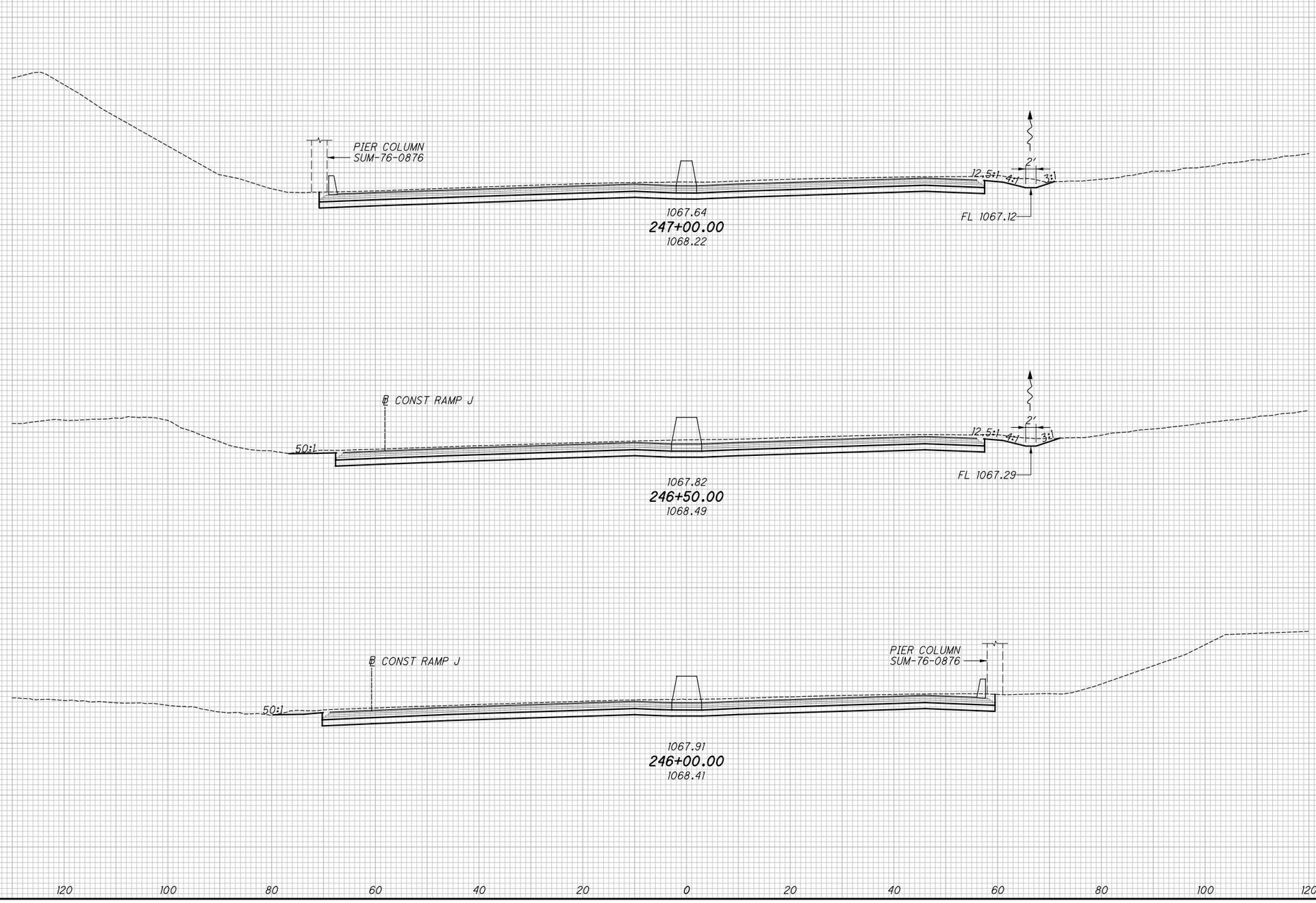
SEEDING	
END WIDTH	SQ. YDS.

ISSUE RECORD:		
NO.	DATE	DESCRIPTION

END AREA		VOLUME	
CUT	FILL	CUT	FILL

CALCULATED JDD

CHECKED JFM



CROSS SECTIONS - I.R. 76

STA. 246+00.00 TO STA. 247+00.00

SUM-76/77/8-8.24/9.74/0.00

2026-03-24 - BU-32 - RECORD DRAWING PLANS

pw:\\VANVAOIPWINTOI.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\02329\Roadway\Sheets\BU-32\02329_BU-32_XS001.dgn-2/16/2022-4:54:54 PM-p0078704

XS004

pw:\\VANVAOIPWINTOI.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Roadway\Sheets\BU-32\102329_BU-32_XS001.dgn-2/16/2022-4:54:56 PM-p007870A

SEEDING	
END WIDTH	SQ. YDS.

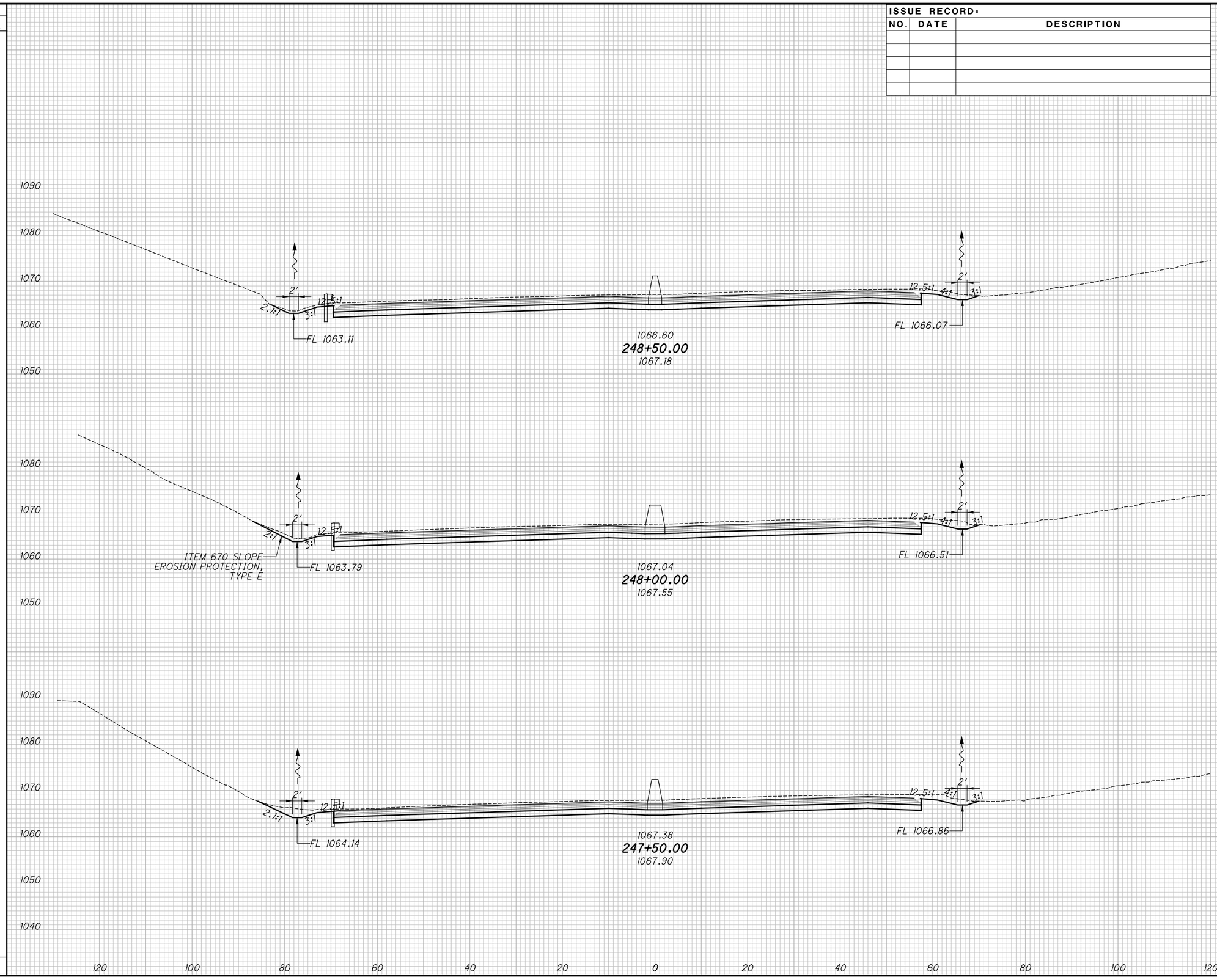
ISSUE RECORD:

NO.	DATE	DESCRIPTION

END AREA		VOLUME	
CUT	FILL	CUT	FILL

CALCULATED JDD

CHECKED JFM



2026-03-24 - BU-32 - RECORD DRAWING PLANS

CROSS SECTIONS - I.R. 76

STA. 247+50.00 TO STA. 248+50.00

SUM-76/77/8-8.24/9.74/0.00

71
188

pw:\\VANVAOIPWINT01.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Roadway\Sheets\BU-32\102329_BU-32_XS001.dgn-2/16/2022-4:55:00 PM-p007870A

XS005

SEEDING	
END WIDTH	SQ. YDS.

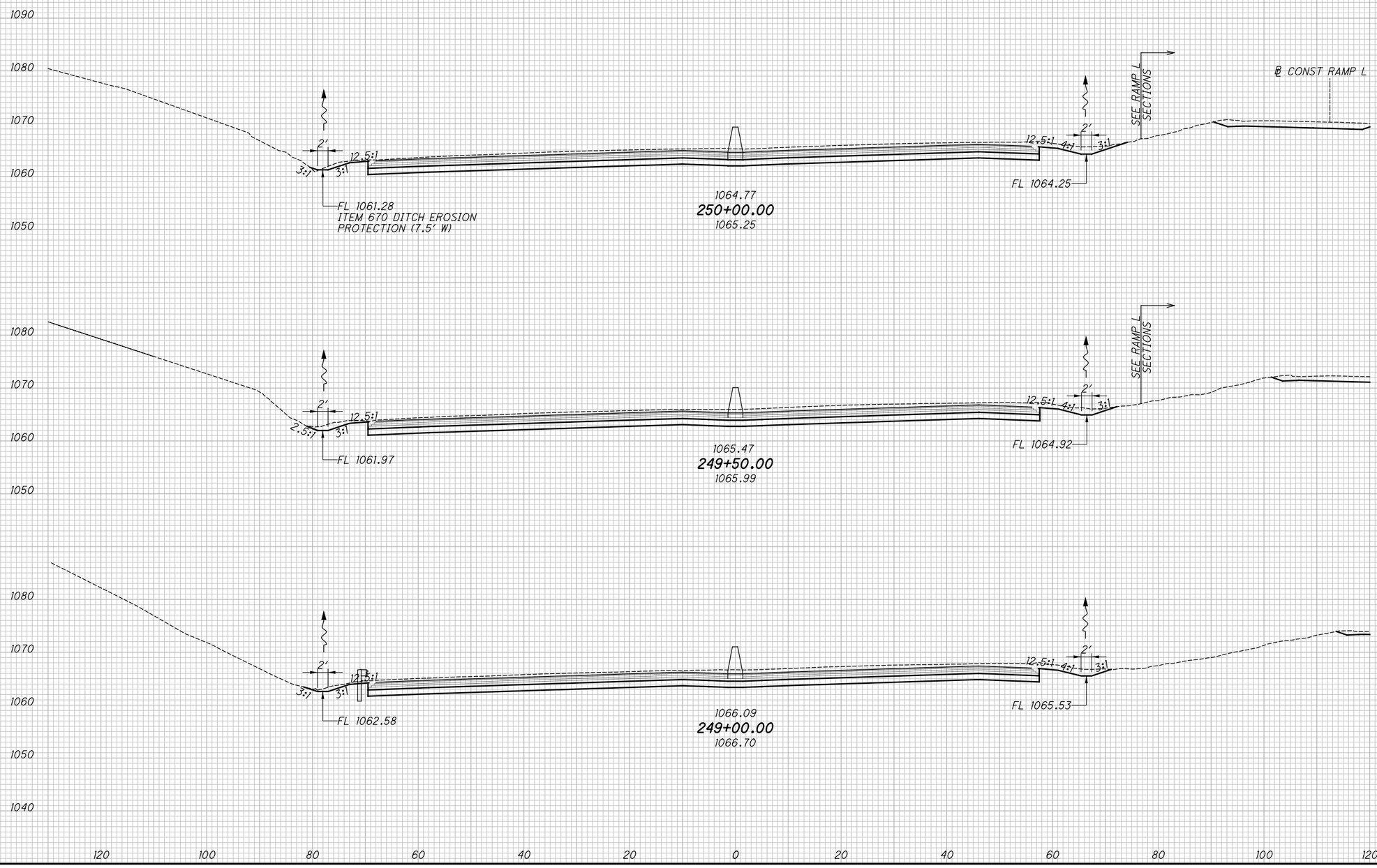
ISSUE RECORD:

NO.	DATE	DESCRIPTION

END AREA		VOLUME	
CUT	FILL	CUT	FILL

CALCULATED JDD

CHECKED JFM



2026-03-24 - BU-32 - RECORD DRAWING PLANS

CROSS SECTIONS - I.R. 76

STA. 249+00.00 TO STA. 250+00.00

SUM-76/77/8-8.24/9.74/0.00

SEEDING	
END WIDTH	SQ. YDS.

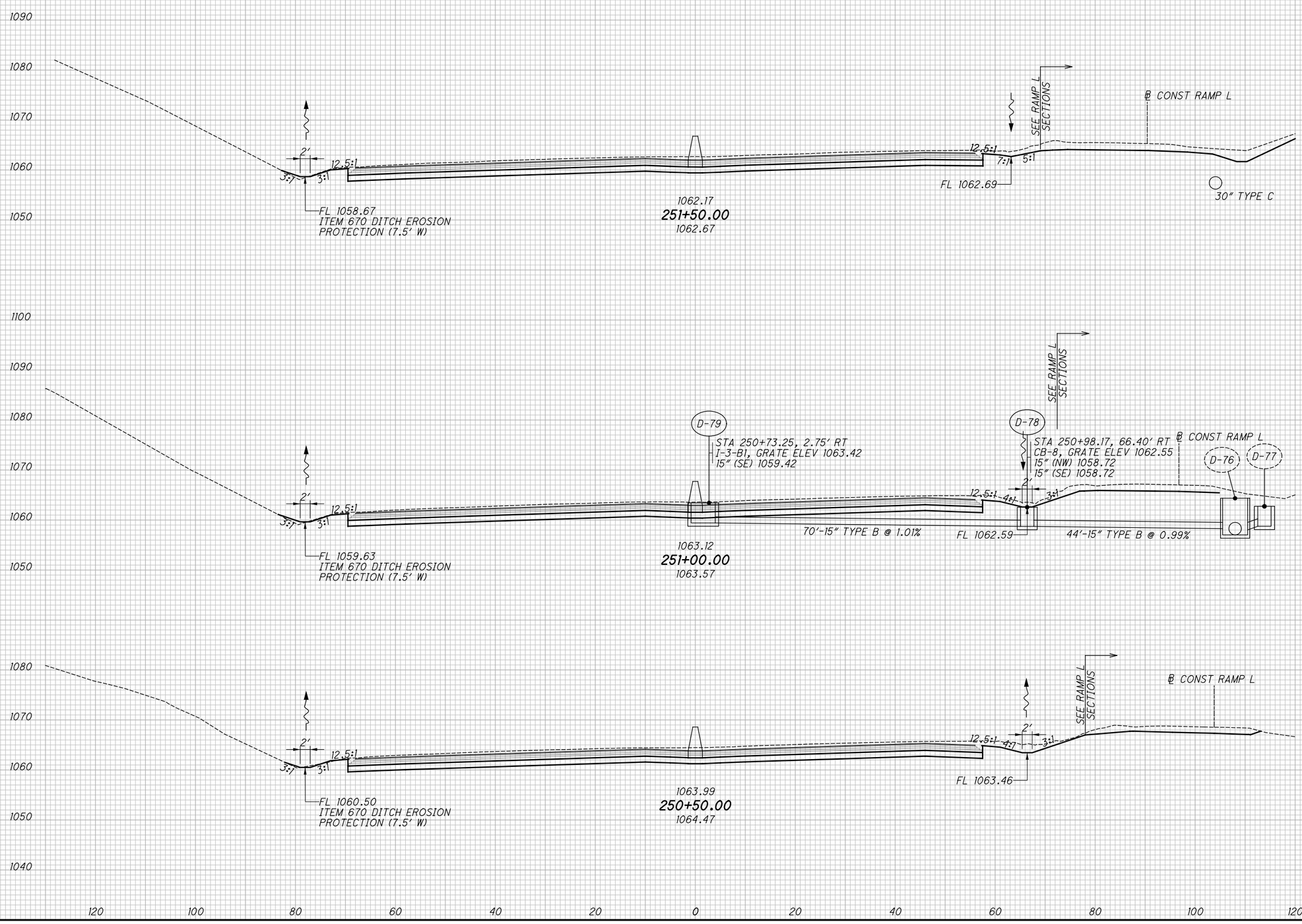
ISSUE RECORD:		
NO.	DATE	DESCRIPTION

END AREA	
CUT	FILL

VOLUME	
CUT	FILL

CALCULATED JDD

CHECKED JFM



CROSS SECTIONS - I.R. 76
STA. 250+50.00 TO STA. 251+50.00

2026-03-24 - BU-32 - RECORD DRAWING PLANS

SUM-76/77/8-
8.24/9.74/0.00

pw:\\VANVAOIPWINTOI.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Roadway\Sheets\BU-32\102329_BU-32_XS001.dgn-2/16/2022-4:55:04 PM-p007870A
XS006

XS007

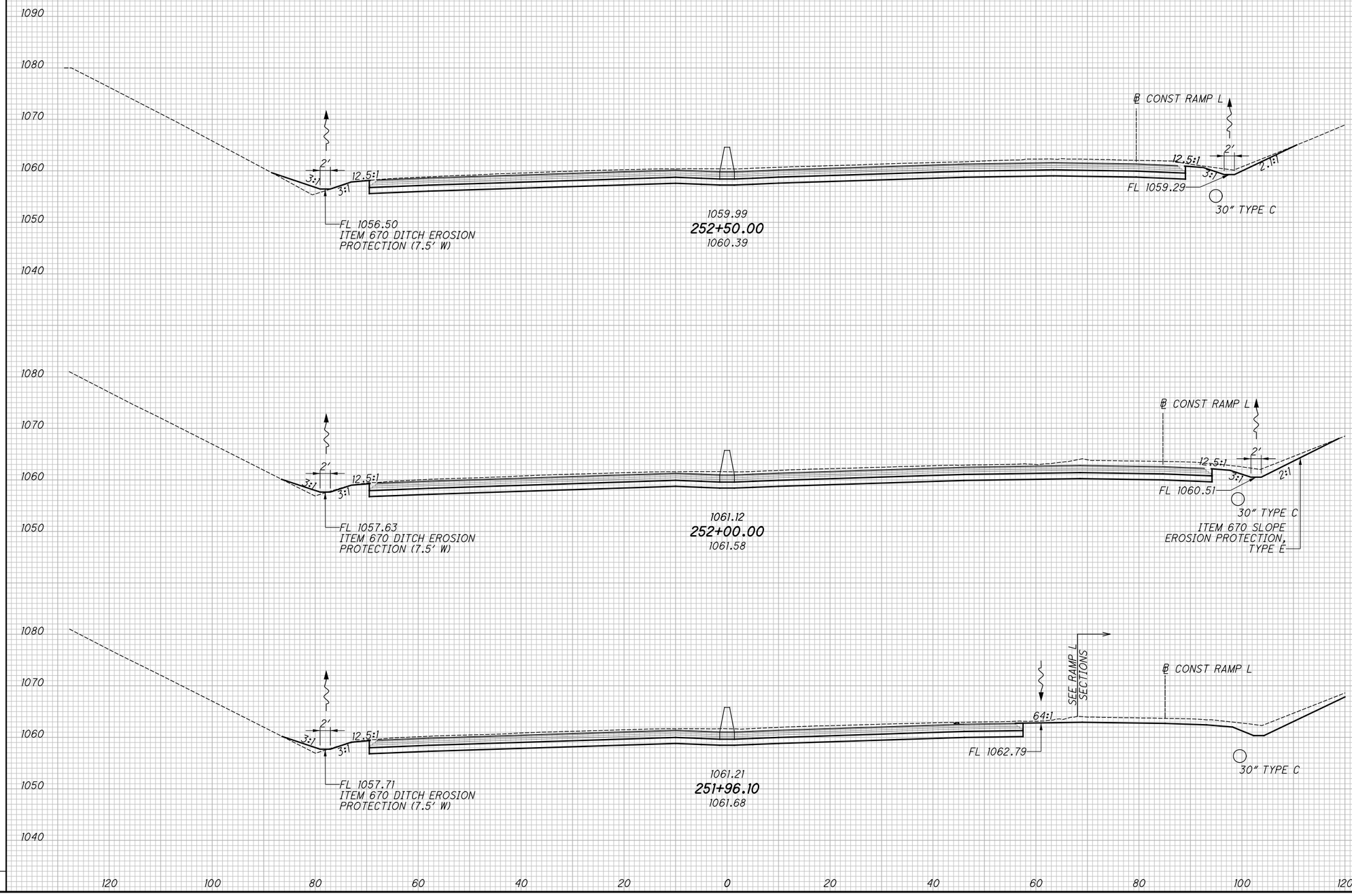
SEEDING	
END WIDTH	SQ. YDS.

ISSUE RECORD:		
NO.	DATE	DESCRIPTION

END AREA		VOLUME	
CUT	FILL	CUT	FILL

CALCULATED JDD

CHECKED JFM



CROSS SECTIONS - I.R. 76
STA. 251+96.10 TO STA. 252+50.00

SUM-76/77/8-8.24/9.74/0.00

74
188

2026-03-24 - BU-32 - RECORD DRAWING PLANS

pw:\\VANVAOIPWINTOI.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Roadway\Sheets\BU-32\102329_BU-32_XS001.dgn-2/16/2022-4:55:08 PM-p007870A

XS008

SEEDING	
END WIDTH	SQ. YDS.

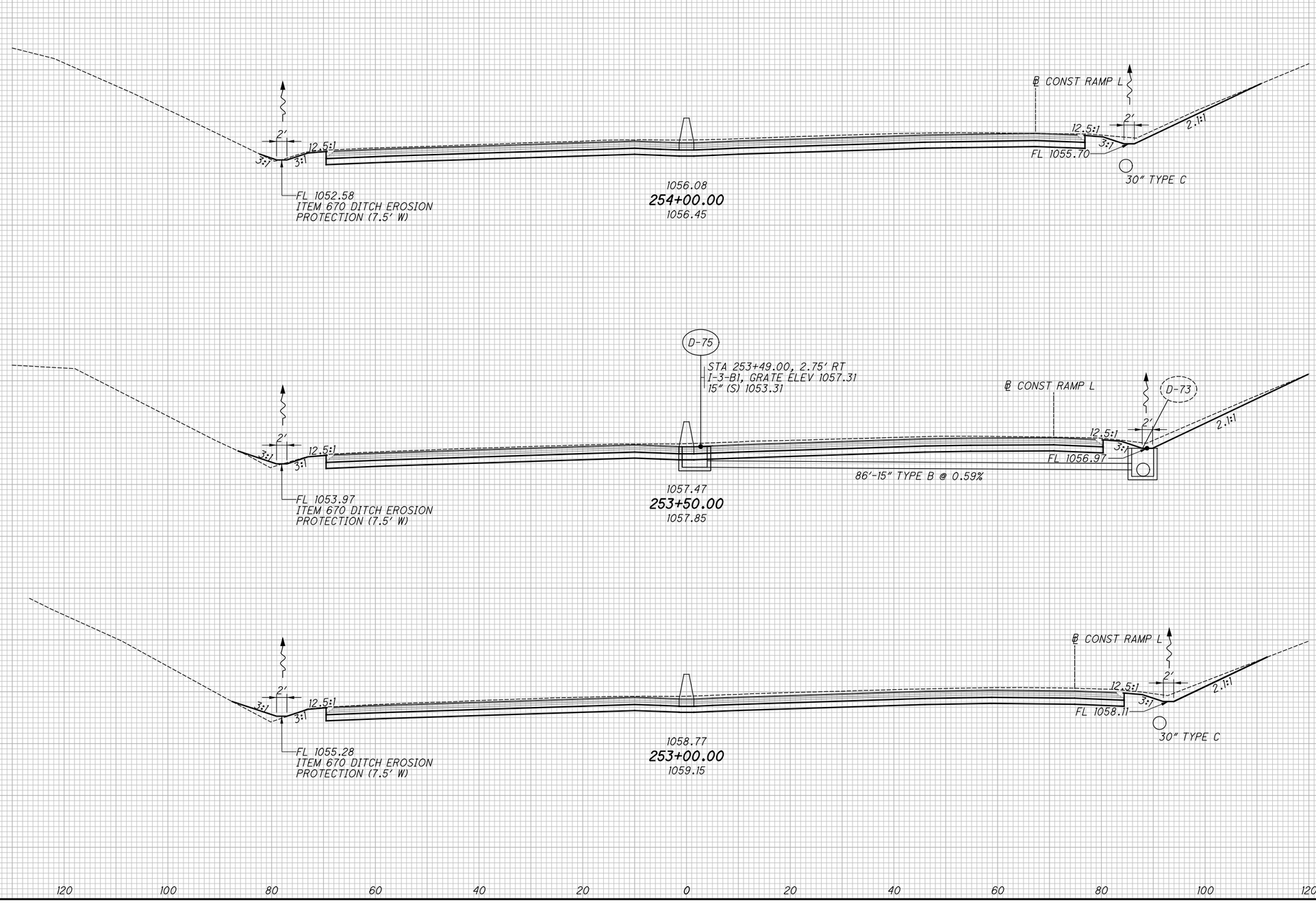
ISSUE RECORD:

NO.	DATE	DESCRIPTION

END AREA		VOLUME	
CUT	FILL	CUT	FILL

CALCULATED JDD

CHECKED JFM



CROSS SECTIONS - I.R. 76
STA. 253+00.00 TO STA. 254+00.00

SUM-76/77/8-8.24/9.74/0.00

75
188

2026-03-24 - BU-32 - RECORD DRAWING PLANS

plw:\\VANVAOIPWINTOI.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Roadway\Sheets\BU-32\102329_BU-32_XS001.dgn-2/16/2022-4:55:12 PM-p007870A

pw:\\VANVAOIPWINT01.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Roadway\Sheets\BU-32\102329_BU-32_XS001.dgn-2/16/2022-4:55:16 PM-p0078701A

XS009

SEEDING	
END WIDTH	SQ. YDS.

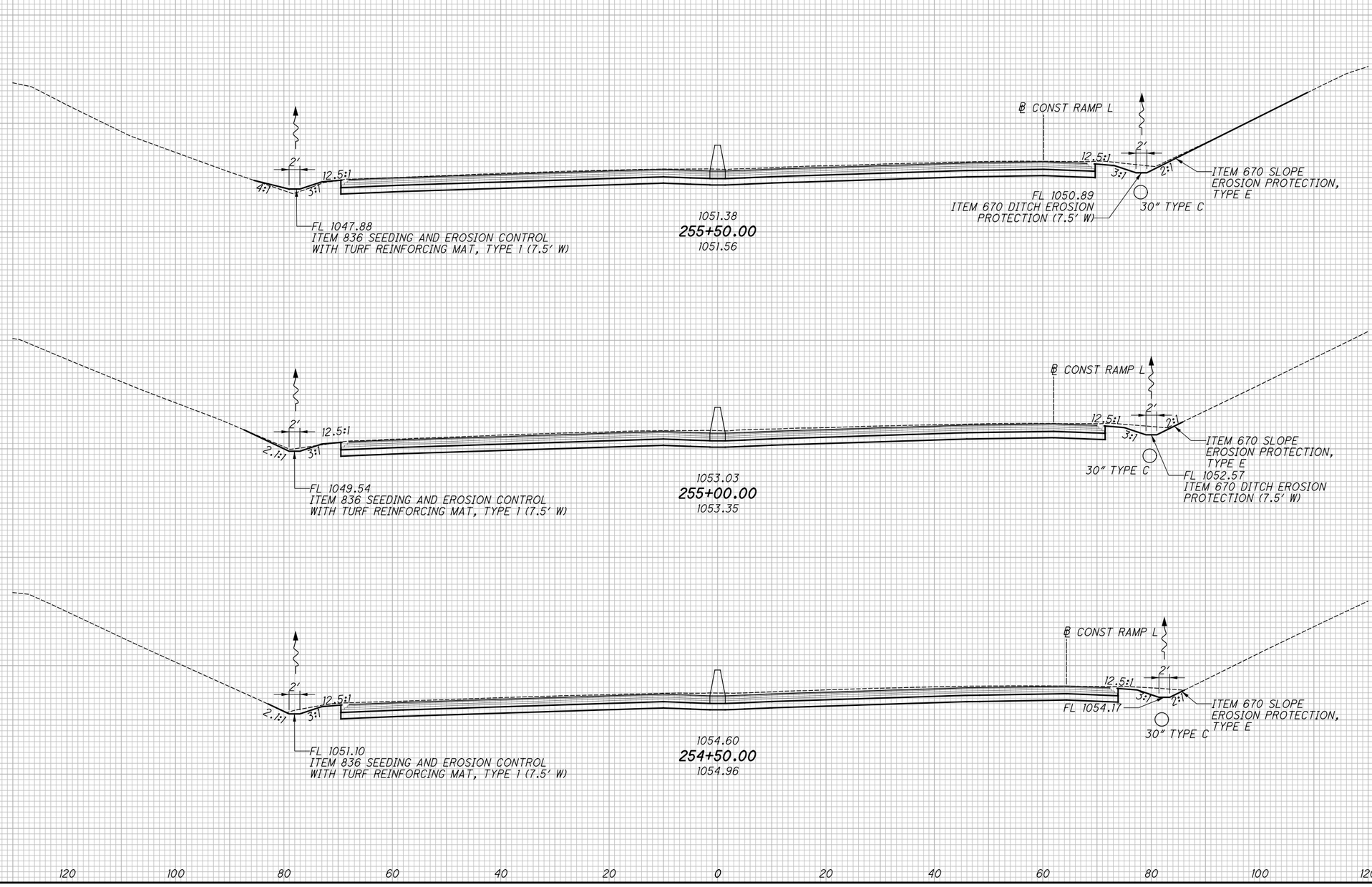
ISSUE RECORD:

NO.	DATE	DESCRIPTION

END AREA		VOLUME	
CUT	FILL	CUT	FILL

CALCULATED JDD

CHECKED JFM



CROSS SECTIONS - I.R. 76
STA. 254+50.00 TO STA. 255+50.00

2026-03-24 - BU-32 - RECORD DRAWING PLANS

SUM-76/77/8-8.24/9.74/0.00

XS010

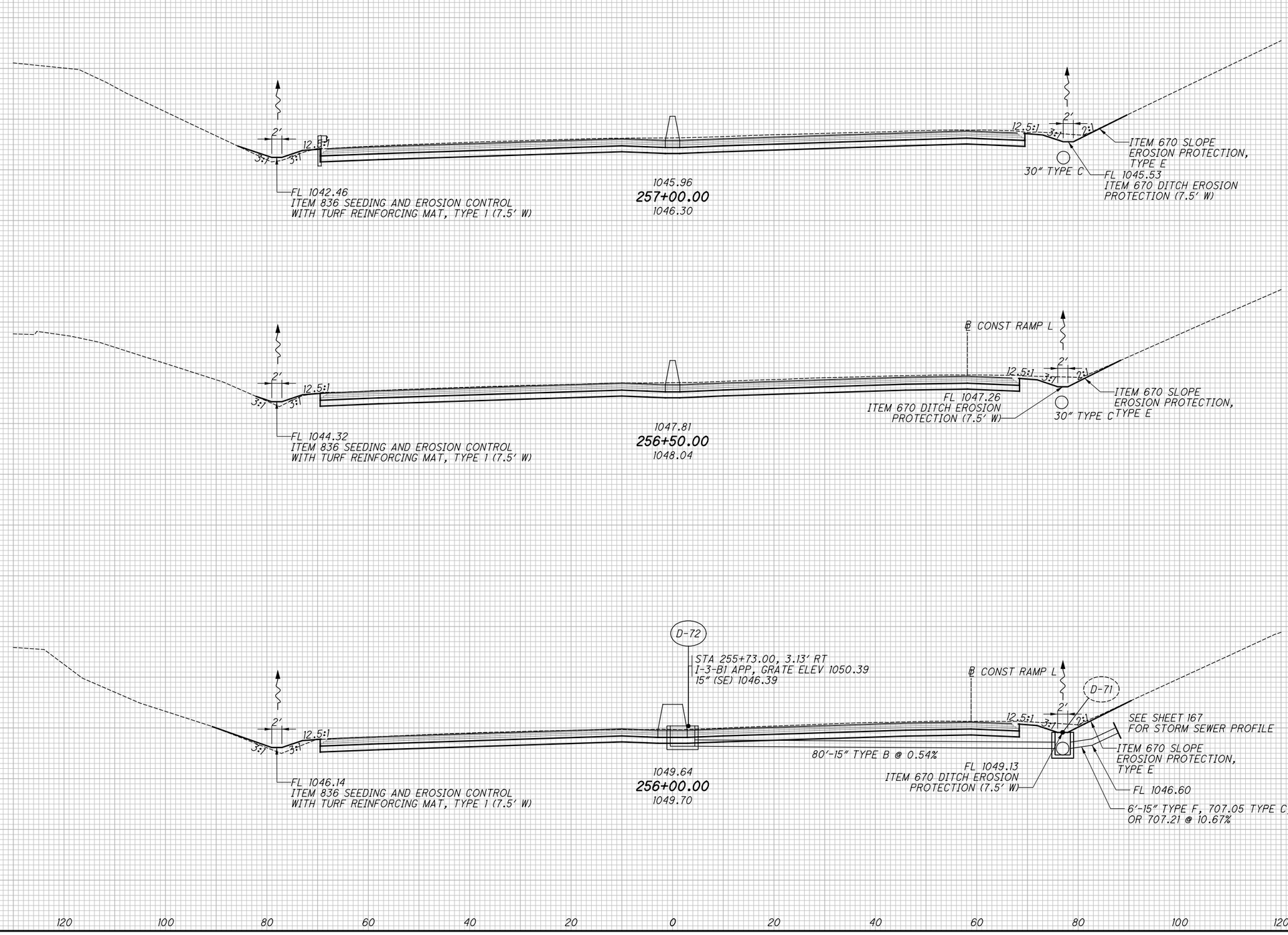
SEEDING	
END WIDTH	SQ. YDS.

ISSUE RECORD:		
NO.	DATE	DESCRIPTION

END AREA		VOLUME	
CUT	FILL	CUT	FILL

CALCULATED JDD

CHECKED JFM



CROSS SECTIONS - I.R. 76
STA. 256+00.00 TO STA. 257+00.00

SUM-76/77/8-8.24/9.74/0.00

STA. 257+00.00

2026-03-24 - BU-32 - RECORD DRAWING PLANS

pw:\\VANYAOIPWINTOI.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Roadway\Sheets\BU-32\102329_BU-32_XS001.dgn-2/16/2022-4:55:20 PM-p0078704

pw:\\VANVAOIPWINTOI.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Roadway\Sheets\BU-32\102329_BU-32_XS001.dgn-2/16/2022-4:55:24 PM-p0078704

XS011

SEEDING	
END WIDTH	SQ. YDS.

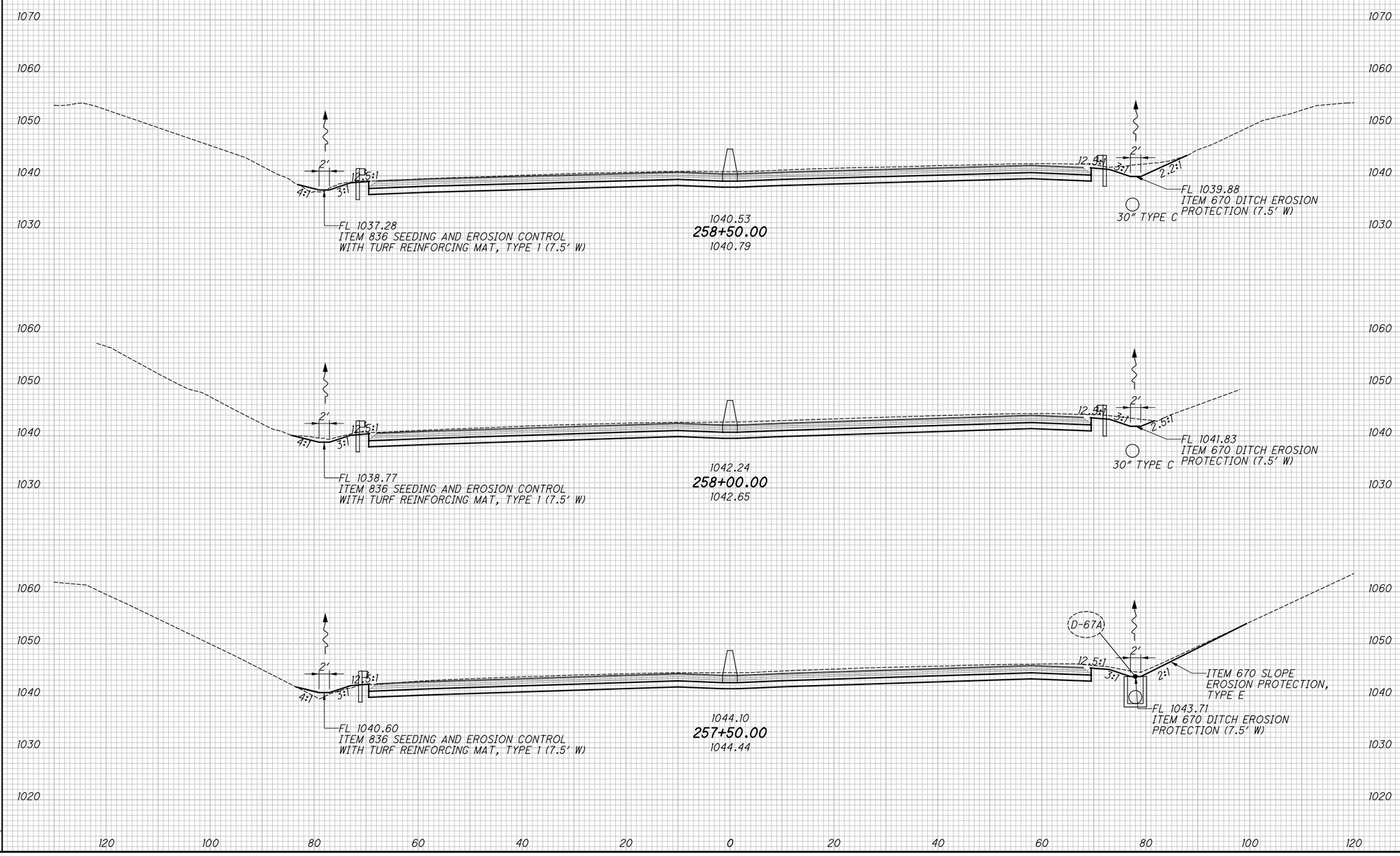
ISSUE RECORD:

NO.	DATE	DESCRIPTION

END AREA		VOLUME	
CUT	FILL	CUT	FILL

CALCULATED JDD

CHECKED JFM



CROSS SECTIONS - I.R. 76

STA. 257+50.00 TO STA. 258+50.00

SUM-76/77/8-8.24/9.74/0.00

2026-03-24 - BU-32 - RECORD DRAWING PLANS

XS012

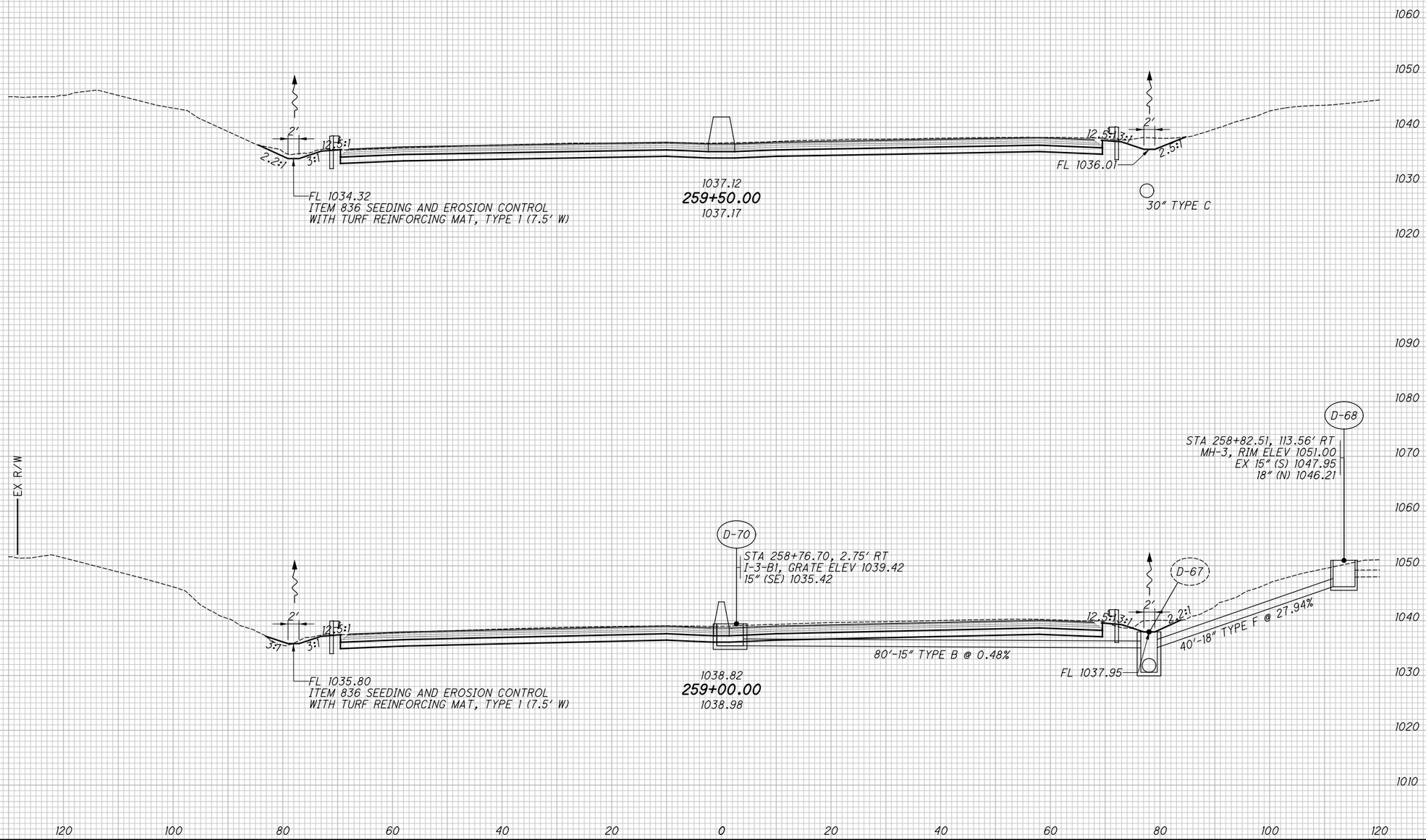
SEEDING	
END WIDTH	SQ. YDS.

ISSUE RECORD:		
NO.	DATE	DESCRIPTION

END AREA		VOLUME	
CUT	FILL	CUT	FILL

CALCULATED JDD

CHECKED JFM



2026-03-24 - BU-32 - RECORD DRAWING PLANS

CROSS SECTIONS - I.R. 76

STA. 259+00.00 TO STA. 259+50.00

SUM-76/77/8-8.24/9.74/0.00

Dgn: \\ANYAOIPWINTOI.parsons.com\Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\02329\Roadway\Sheets\BU-32\02329_BU-32_XS001.dgn-2/16/2022-4:55:28 PM-p0078704

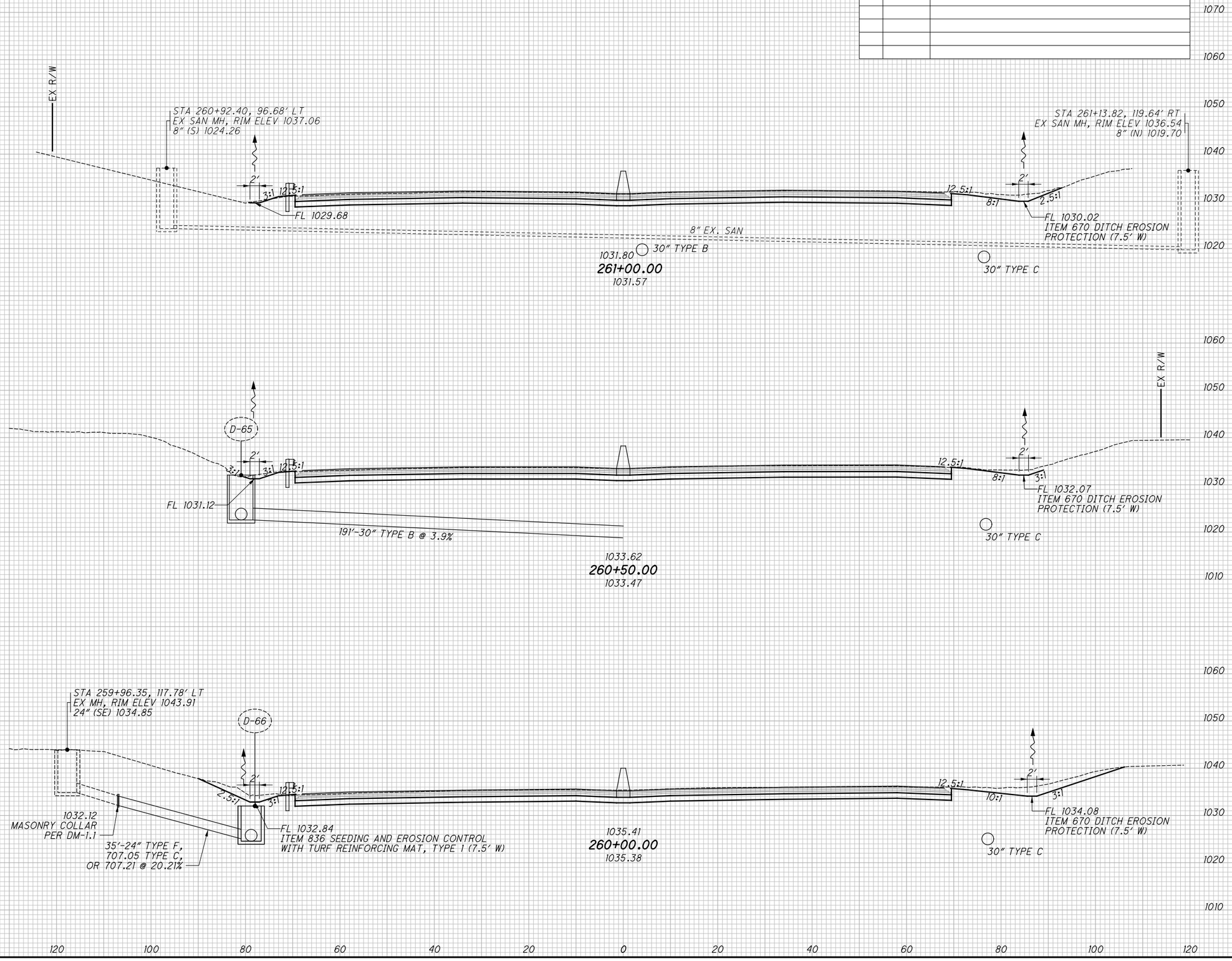
XS013

SEEDING	
END WIDTH	SQ. YDS.

ISSUE RECORD:		
NO.	DATE	DESCRIPTION

END AREA		VOLUME	
CUT	FILL	CUT	FILL

CALCULATED JDD
CHECKED JFM



CROSS SECTIONS - I.R. 76
STA. 260+00.00 TO STA. 261+00.00

SUM-76/77/8-8.24/9.74/0.00

2026-03-24 - BU-32 - RECORD DRAWING PLANS

pw:\\VANVAOIPWINTOI.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\02329\Roadway\Sheets\BU-32\02329_BU-32_XS001.dgn-2/16/2022-4:55:32 PM-D007870A

XS014

pw:\\VANVAOIPWINTOI.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Roadway\Sheets\BU-32\102329_BU-32_XS001.dgn-2/16/2022-4:55:36 PM-p007870A

SEEDING	
END WIDTH	SQ. YDS.

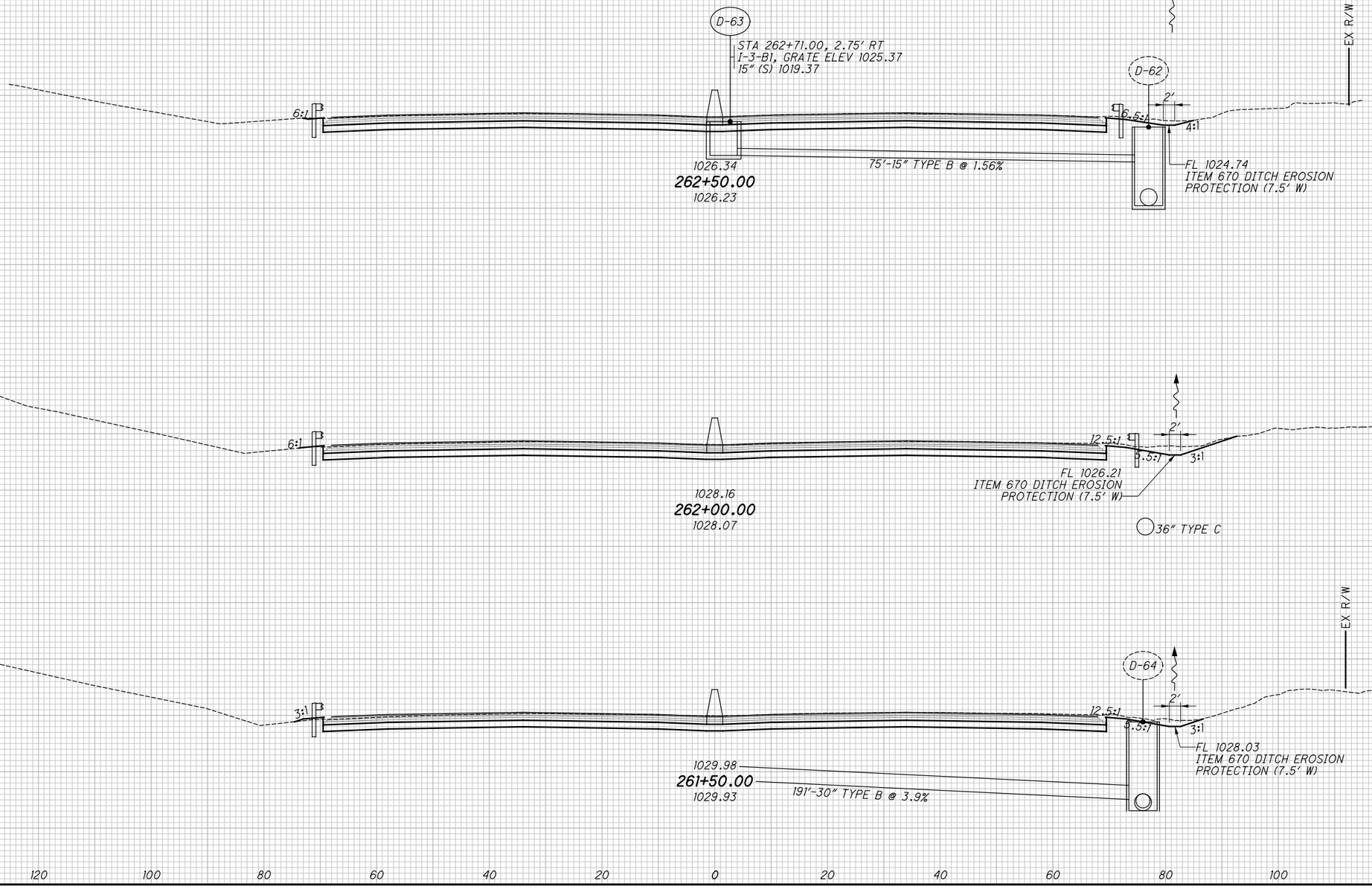
ISSUE RECORD:

NO.	DATE	DESCRIPTION

END AREA		VOLUME	
CUT	FILL	CUT	FILL

CALCULATED JDD

CHECKED JFM



CROSS SECTIONS - I.R. 76

STA. 261+50.00 TO STA. 262+50.00

2026-03-24 - BU-32 - RECORD DRAWING PLANS

SUM-76/77/8-8.24/9.74/0.00

XS015

pw:\\VANVAOIPWINTOI.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Roadway\Sheets\BU-32\102329_BU-32_XS001.dgn-2/16/2022-4:55:40 PM-p007870A

SEEDING	
END WIDTH	SQ. YDS.

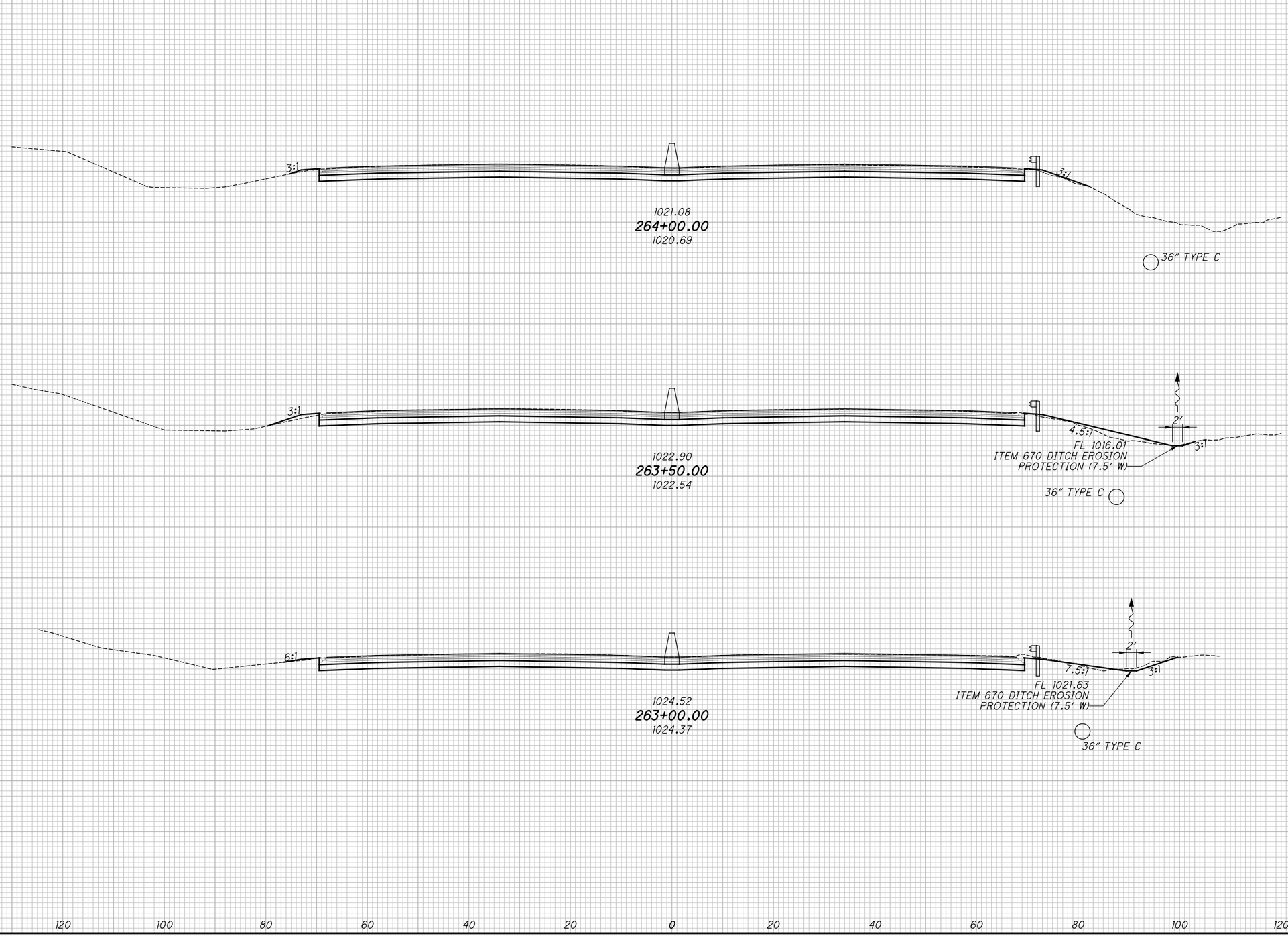
ISSUE RECORD:

NO.	DATE	DESCRIPTION

END AREA		VOLUME	
CUT	FILL	CUT	FILL

CALCULATED JDD

CHECKED JFM



CROSS SECTIONS - I.R. 76
STA. 263+00.00 TO STA. 264+00.00

SUM-76/77/8-8.24/9.74/0.00

2026-03-24 - BU-32 - RECORD DRAWING PLANS

XS016

SEEDING	
END WIDTH	SQ. YDS.

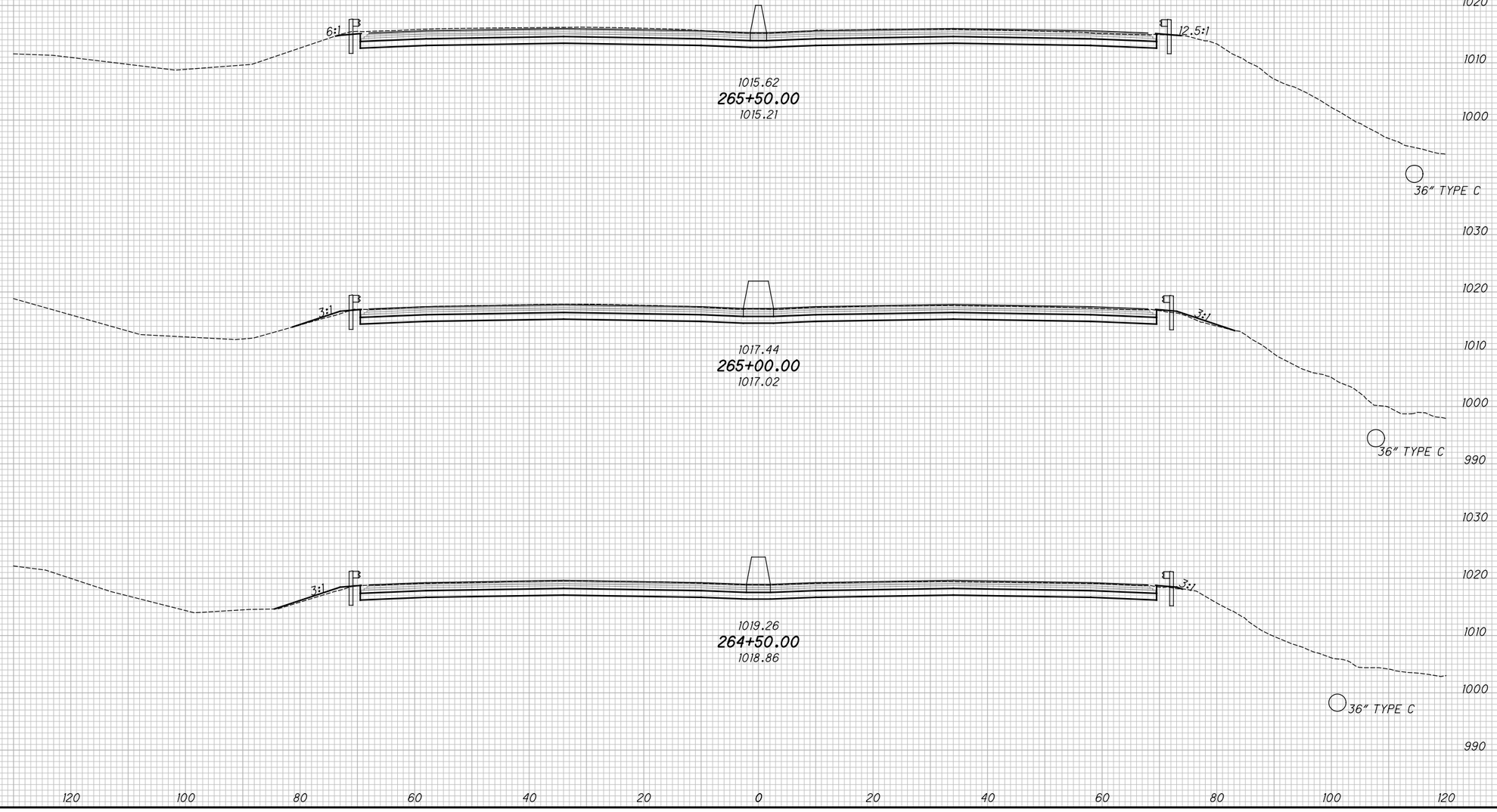
ISSUE RECORD:

NO.	DATE	DESCRIPTION

END AREA		VOLUME	
CUT	FILL	CUT	FILL

CALCULATED JDD

CHECKED JFM



CROSS SECTIONS - I.R. 76

STA. 264+50.00 TO STA. 265+50.00

SUM-76/77/8-8.24/9.74/0.00

2026-03-24 - BU-32 - RECORD DRAWING PLANS

pw:\\VANVAOIPWINTOI.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\02329\Roadway\Sheets\BU-32\02329_BU-32_XS001.dgn-2/16/2022-4:55:44 PM-p0078704

XS017

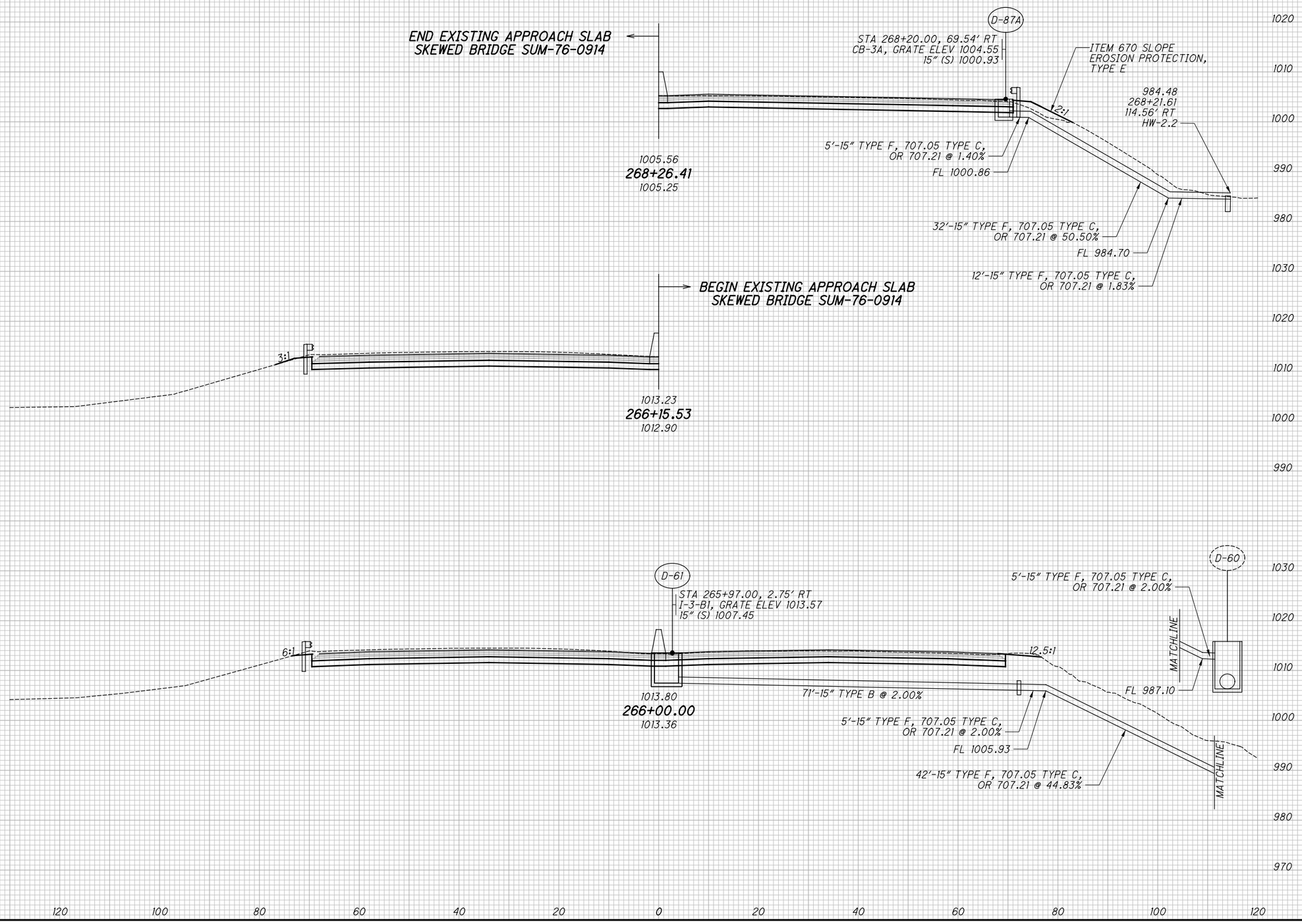
SEEDING	
END WIDTH	SQ. YDS.

ISSUE RECORD:		
NO.	DATE	DESCRIPTION

END AREA		VOLUME	
CUT	FILL	CUT	FILL

CALCULATED JDD

CHECKED JFM



CROSS SECTIONS - I.R. 76

STA. 266+00.00 TO STA. 268+26.41

2026-03-24 - BU-32 - RECORD DRAWING PLANS

SUM-76/77/8-8.24/9.74/0.00

DW:\\VANVAOIPWINTOL.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Roadway\Sheets\BU-32\102329_BU-32_XS001.dgn-2/16/2022-4:55:48 PM-p0078704

pw:\\ANYAOIPWINTOI.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Roadway\Sheets\BU-32\102329_BU-32_XS001.dgn-2/16/2022-4:55:51PM-p007870A

XS018

SEEDING	
END WIDTH	SQ. YDS.

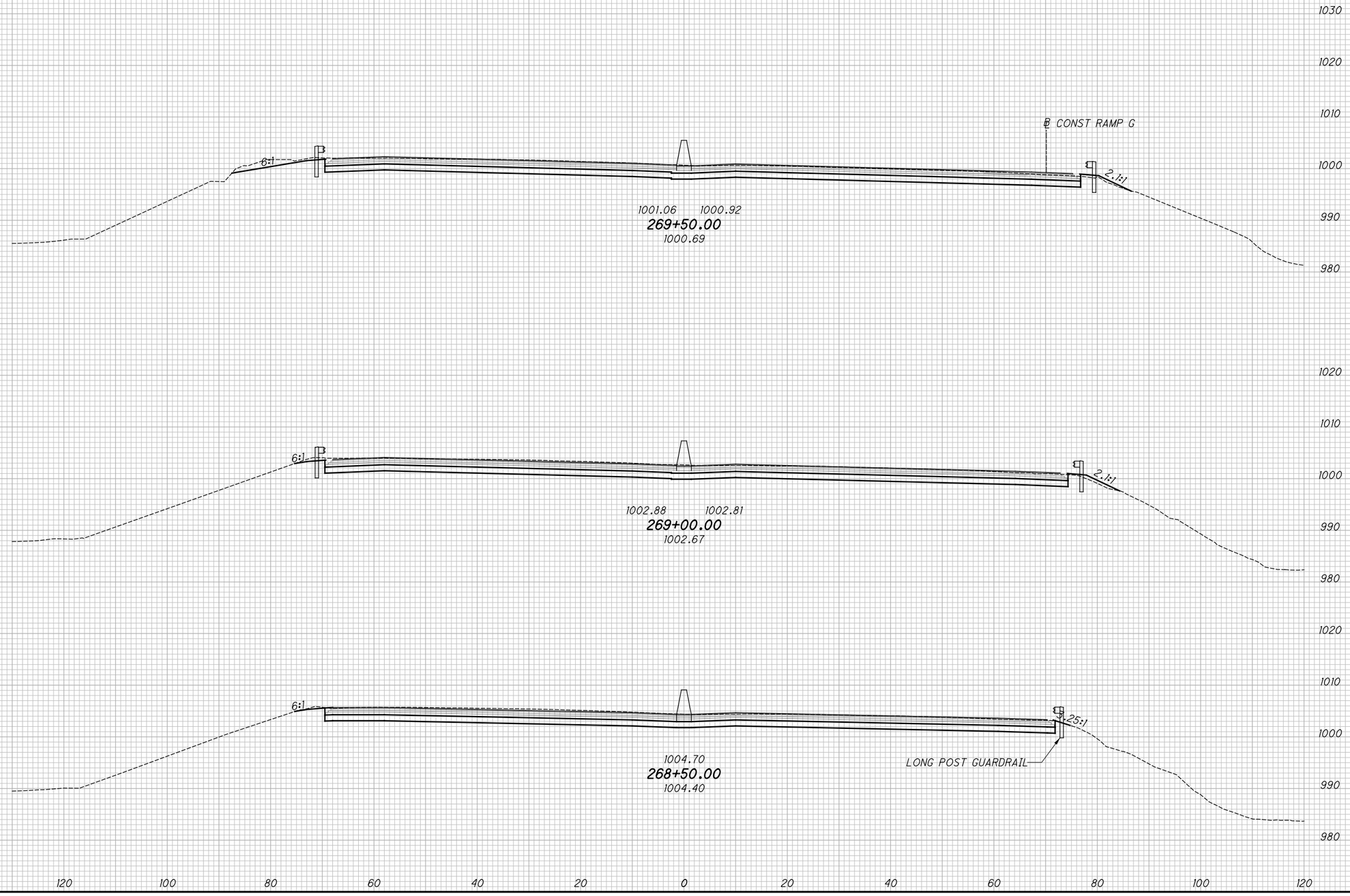
ISSUE RECORD:

NO.	DATE	DESCRIPTION

END AREA		VOLUME	
CUT	FILL	CUT	FILL

CALCULATED JDD

CHECKED JFM



CROSS SECTIONS - I.R. 76

STA. 268+50.00 TO STA. 269+50.00

SUM-76/77/8-8.24/9.74/0.00

2026-03-24 - BU-32 - RECORD DRAWING PLANS

pw:\\VANVAOIPWINTOI.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Roadway\Sheets\BU-32\102329_BU-32_XS001.dgn-2/16/2022-4:55:54 PM-p0078704

XS019

SEEDING	
END WIDTH	SQ. YDS.

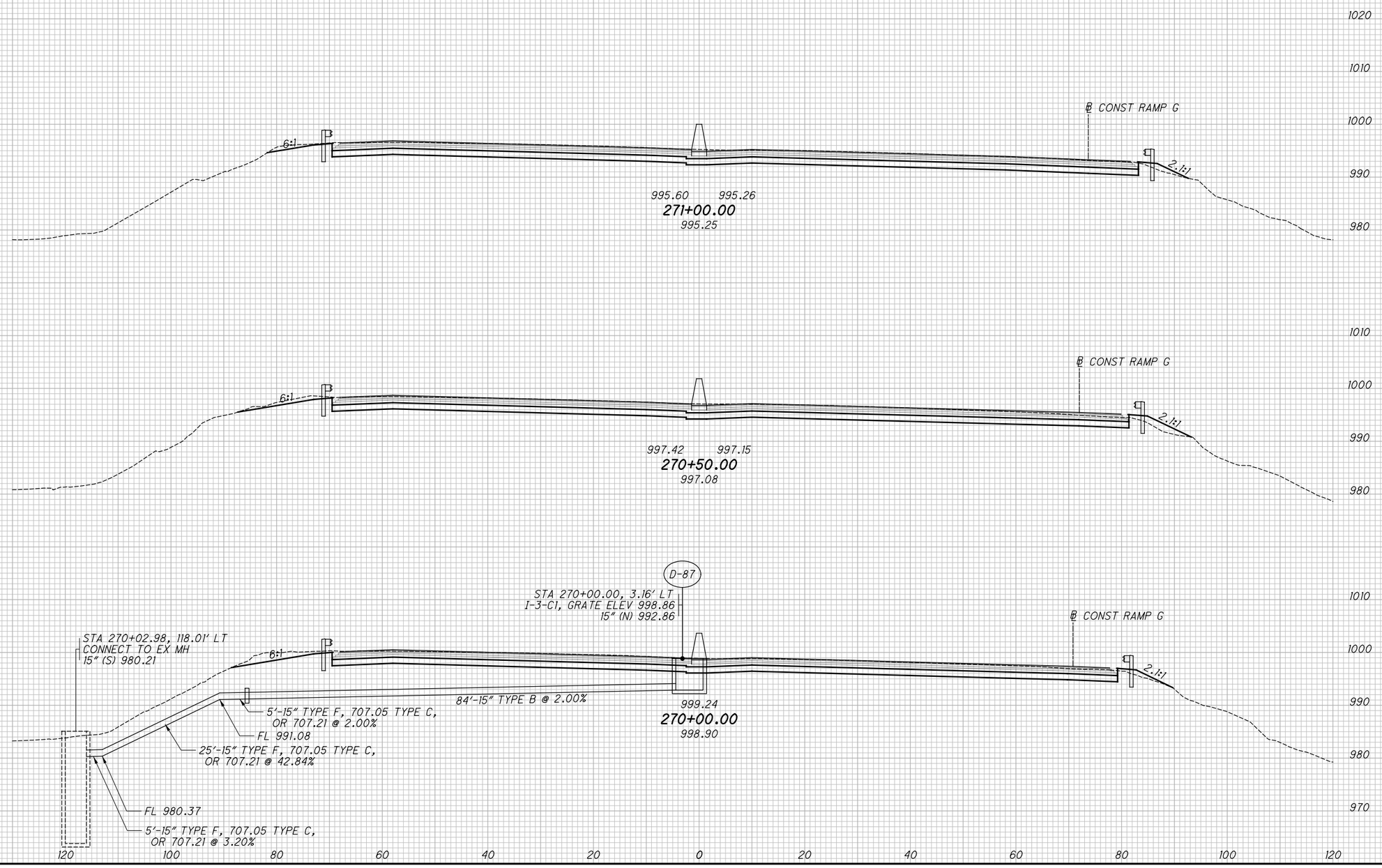
ISSUE RECORD:

NO.	DATE	DESCRIPTION

END AREA		VOLUME	
CUT	FILL	CUT	FILL

CALCULATED JDD

CHECKED JFM



CROSS SECTIONS - I.R. 76
STA. 270+00.00 TO STA. 271+00.00

2026-03-24 - BU-32 - RECORD DRAWING PLANS

SUM-76/77/8-8.24/9.74/0.00

pw:\\ANYAOIPWINTOI.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\02329\Roadway\Sheets\BU-32\02329_BU-32_XS001.dgn-2/16/2022-4:55:56 PM-p007870A

XS020

SEEDING	
END WIDTH	SQ. YDS.

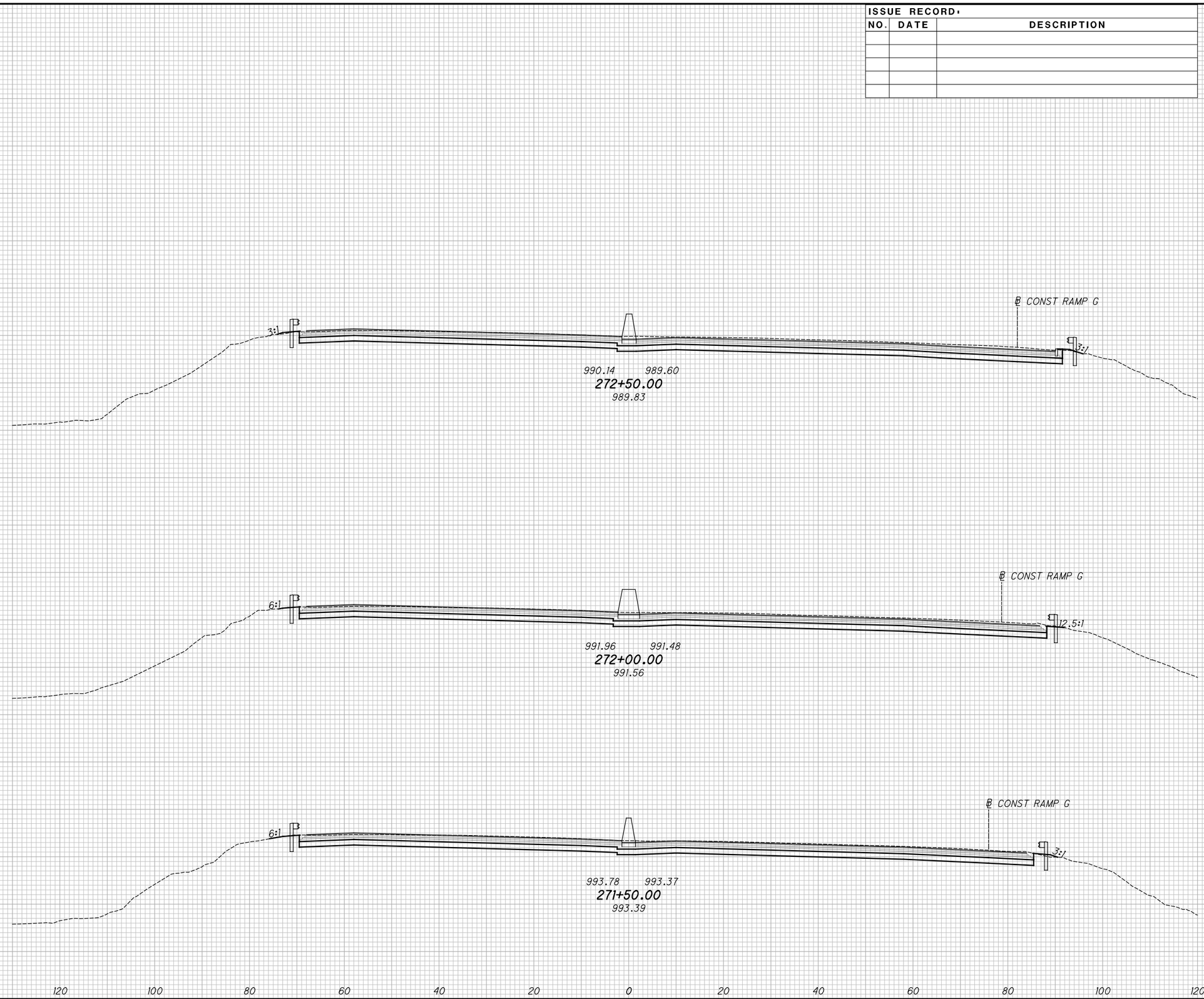
ISSUE RECORD:

NO.	DATE	DESCRIPTION

END AREA		VOLUME	
CUT	FILL	CUT	FILL

CALCULATED JDD

CHECKED JFM



CROSS SECTIONS - I.R. 76
STA. 271+50.00 TO STA. 272+50.00

SUM-76/77/8-8.24/9.74/0.00

2026-03-24 - BU-32 - RECORD DRAWING PLANS

pw:\\VANVAOIPWINT01.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Roadway\Sheets\BU-32\102329_BU-32_XS001.dgn-2/16/2022-4:55:58 PM-p007870A

XS021

SEEDING	
END WIDTH	SQ. YDS.

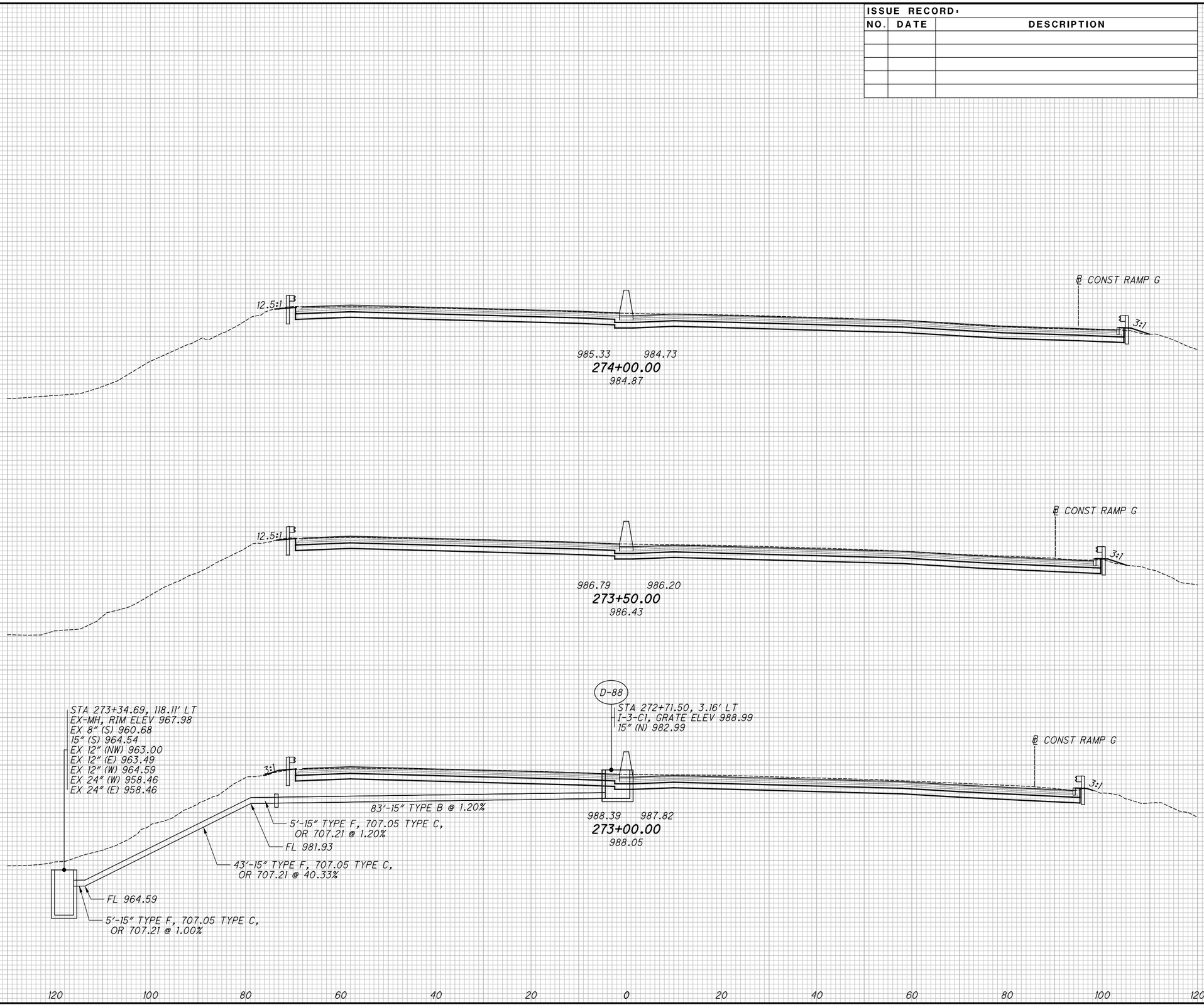
ISSUE RECORD:

NO.	DATE	DESCRIPTION

END AREA		VOLUME	
CUT	FILL	CUT	FILL

CALCULATED JDD

CHECKED JFM



2026-03-24 - BU-32 - RECORD DRAWING PLANS

CROSS SECTIONS - I.R. 76

STA. 273+00.00 TO STA. 274+00.00

SUM-76/77/8-8.24/9.74/0.00

XS022

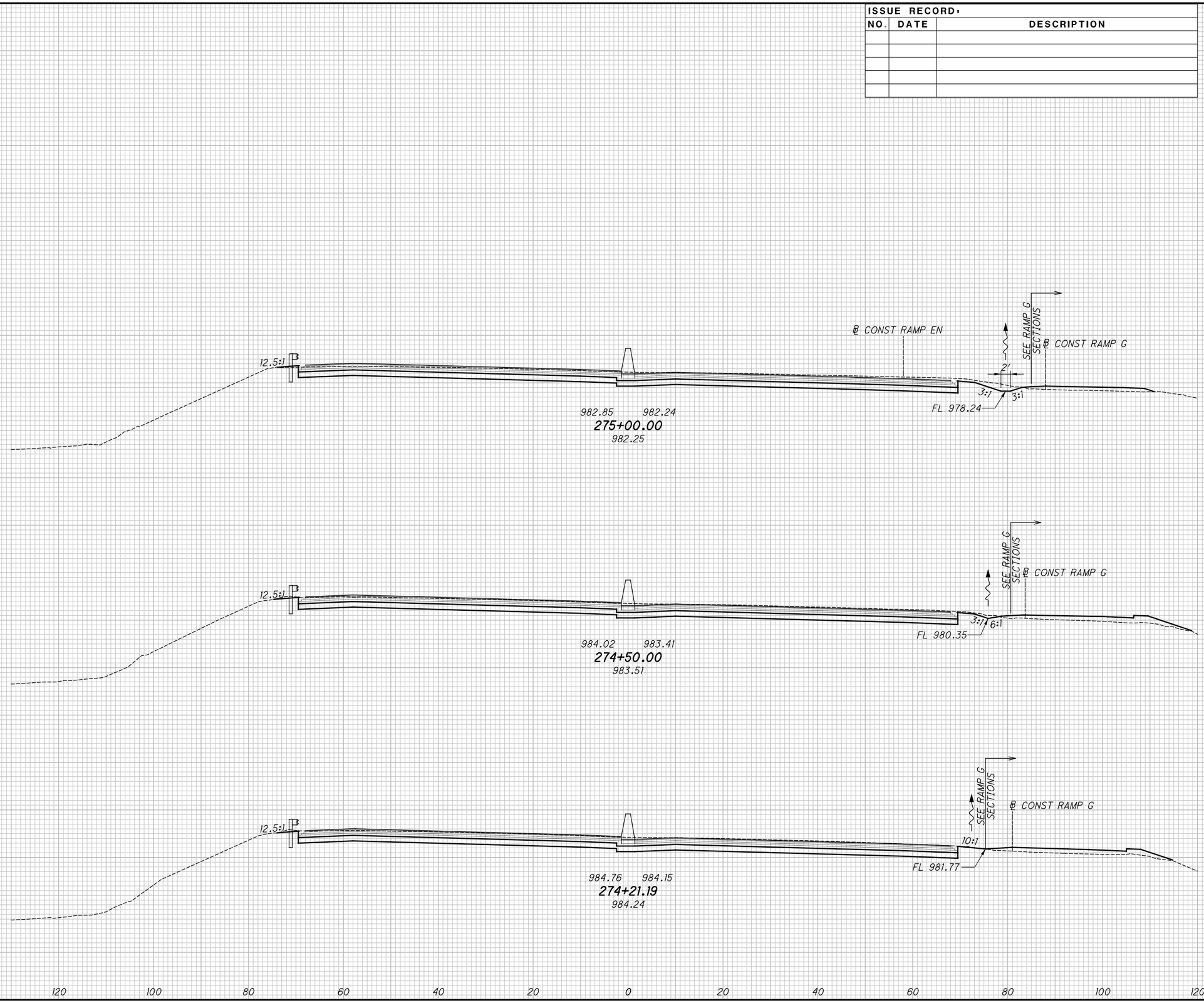
SEEDING	
END WIDTH	SQ. YDS.

ISSUE RECORD:		
NO.	DATE	DESCRIPTION

END AREA		VOLUME	
CUT	FILL	CUT	FILL

CALCULATED JDD

CHECKED JFM



CROSS SECTIONS - I.R. 76

STA. 274+21.19 TO STA. 275+00.00

SUM-76/77/8-8.24/9.74/0.00

2026-03-24 - BU-32 - RECORD DRAWING PLANS

DW:\\VANWA01PWINT01.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Roadway\Sheets\BU-32\102329_BU-32_XS001.dgn-2/16/2022-4:56:01 PM-p0078701A

plw:\\VANVAOIPWINTOI.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\02329\Roadway\Sheets\BU-32\02329_BU-32_XS001.dgn-2/16/2022-4:56:02 PM-p0078701

XS023

SEEDING	
END WIDTH	SQ. YDS.

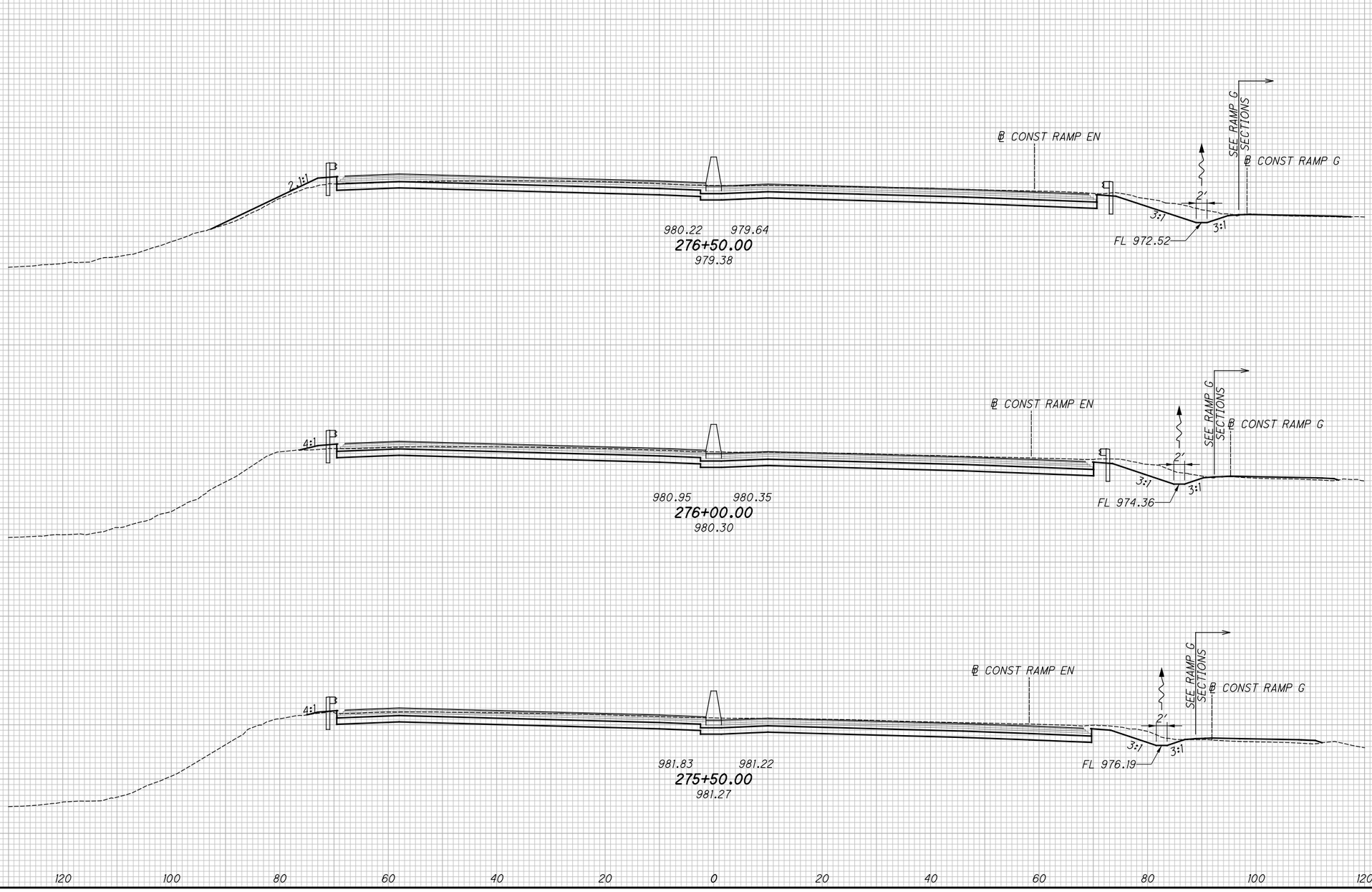
ISSUE RECORD:

NO.	DATE	DESCRIPTION

END AREA		VOLUME	
CUT	FILL	CUT	FILL

CALCULATED JDD

CHECKED JFM



CROSS SECTIONS - I.R. 76
STA. 275+50.00 TO STA. 276+50.00

2026-03-24 - BU-32 - RECORD DRAWING PLANS

SUM-76/77/8-8.24/9.74/0.00

SEEDING	
END WIDTH	SQ. YDS.

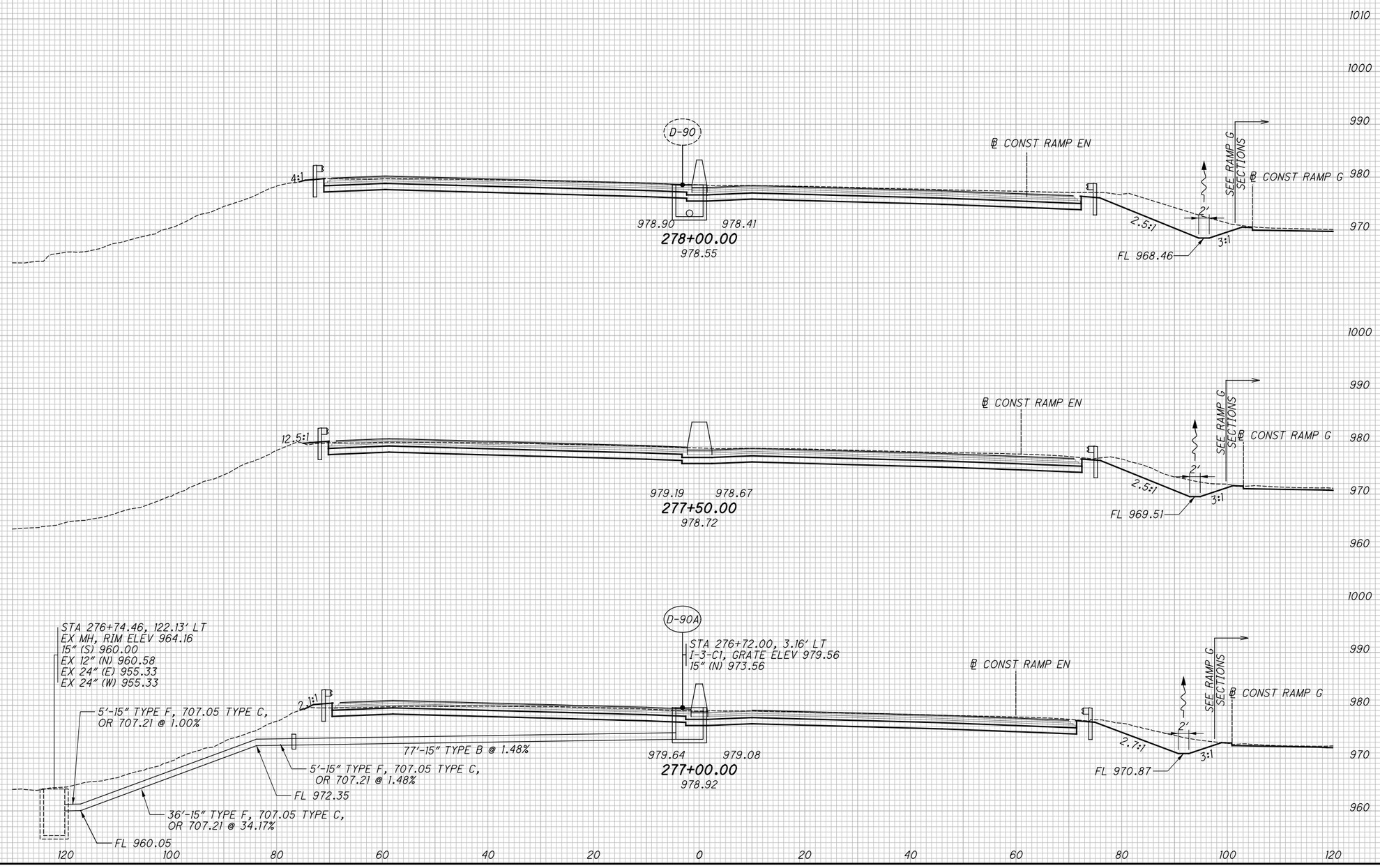
ISSUE RECORD:

NO.	DATE	DESCRIPTION

END AREA		VOLUME	
CUT	FILL	CUT	FILL

CALCULATED JDD

CHECKED JFM



CROSS SECTIONS - I.R. 76
STA. 277+00.00 TO STA. 278+00.00

2026-03-24 - BU-32 - RECORD DRAWING PLANS

SUM-76/77/8-8.24/9.74/0.00

XS024
pw:\\VANVAOIPWINTOI.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Roadway\Sheets\BU-32\102329_BU-32_XS001.dgn-2/16/2022-4:56:04 PM-p0078704

XS025

pw:\\VANVAOIPWINTOI.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Roadway\Sheets\BU-32\102329_BU-32_XS001.dgn-2/16/2022-4:56:07 PM-p007870A

SEEDING	
END WIDTH	SQ. YDS.

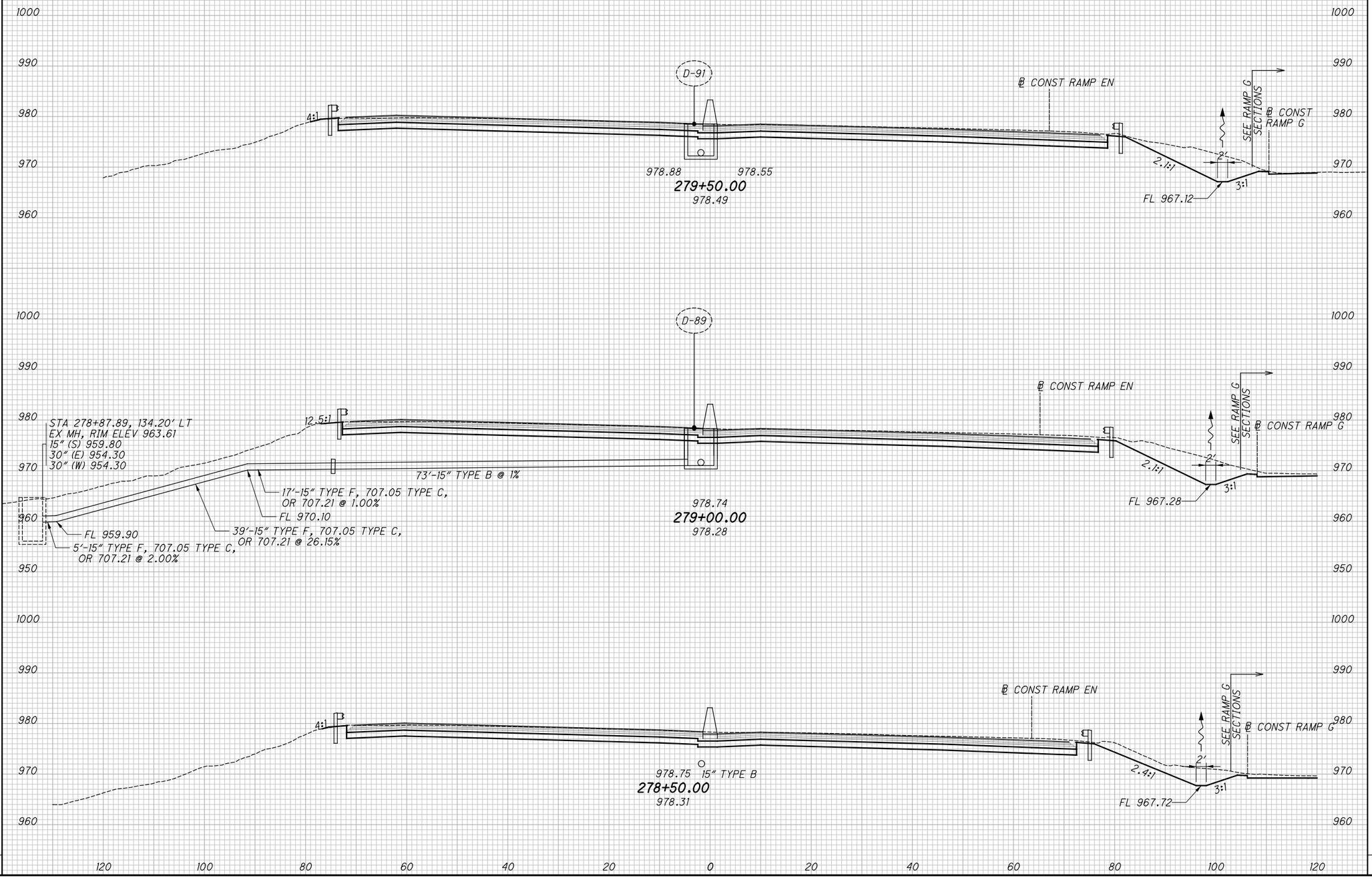
ISSUE RECORD:

NO.	DATE	DESCRIPTION

END AREA		VOLUME	
CUT	FILL	CUT	FILL

CALCULATED JDD

CHECKED JFM



CROSS SECTIONS - I.R. 76
STA. 278+50.00 TO STA. 279+50.00

2026-03-24 - BU-32 - RECORD DRAWING PLANS

SUM-76/77/8-8.24/9.74/0.00

XS026

SEEDING	
END WIDTH	SQ. YDS.

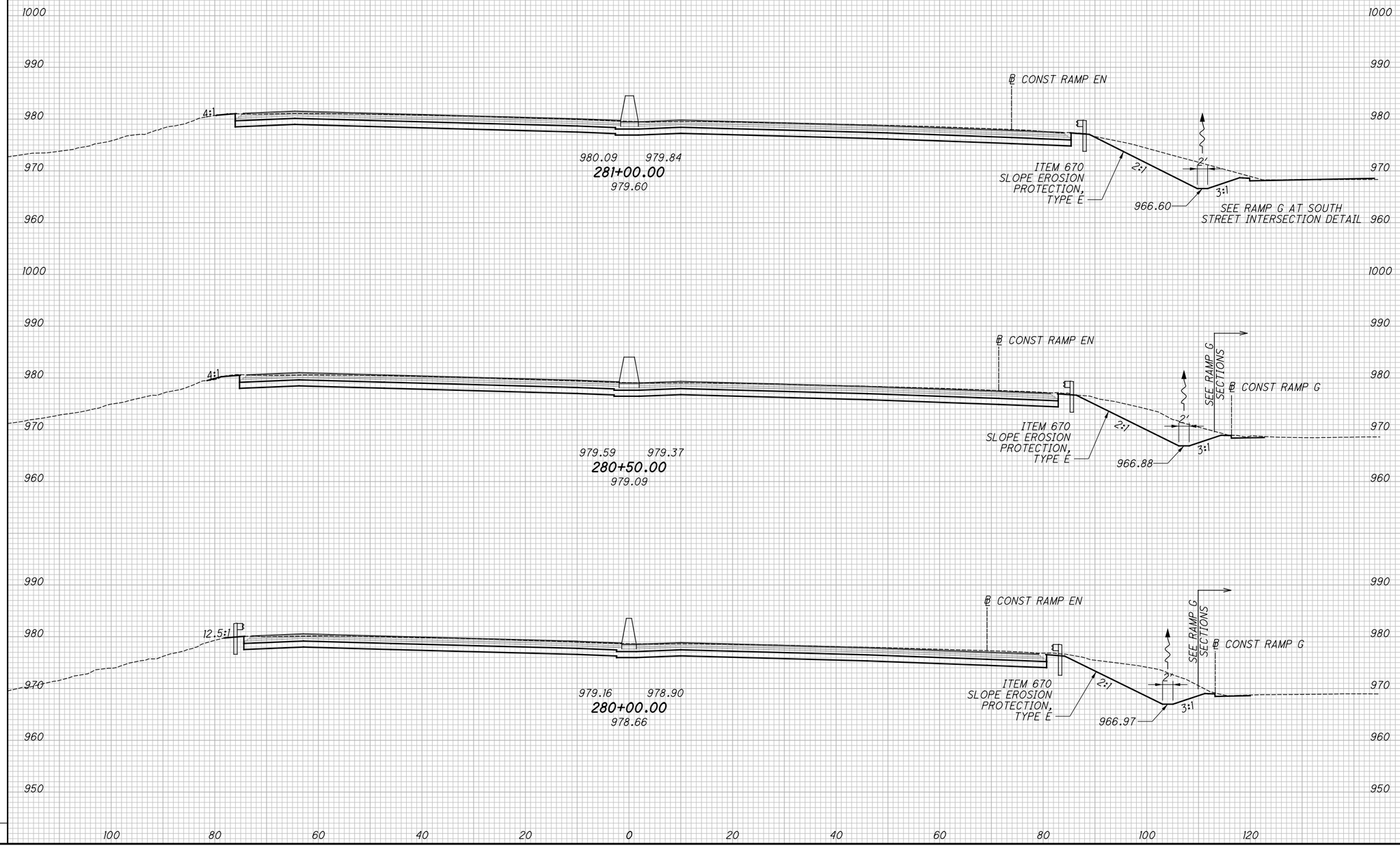
ISSUE RECORD:

NO.	DATE	DESCRIPTION

END AREA		VOLUME	
CUT	FILL	CUT	FILL

CALCULATED JDD

CHECKED JFM



CROSS SECTIONS - I.R. 76
STA. 280+00.00 TO STA. 281+00.00

SUM-76/77/8-8.24/9.74/0.00

2026-03-24 - BU-32 - RECORD DRAWING PLANS

Dw:\\VANVAOIPWINTOI.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Roadway\Sheets\BU-32\102329_BU-32_XS001.dgn-2/16/2022-4:56:12 PM-p0078704

XS027

SEEDING	
END WIDTH	SQ. YDS.

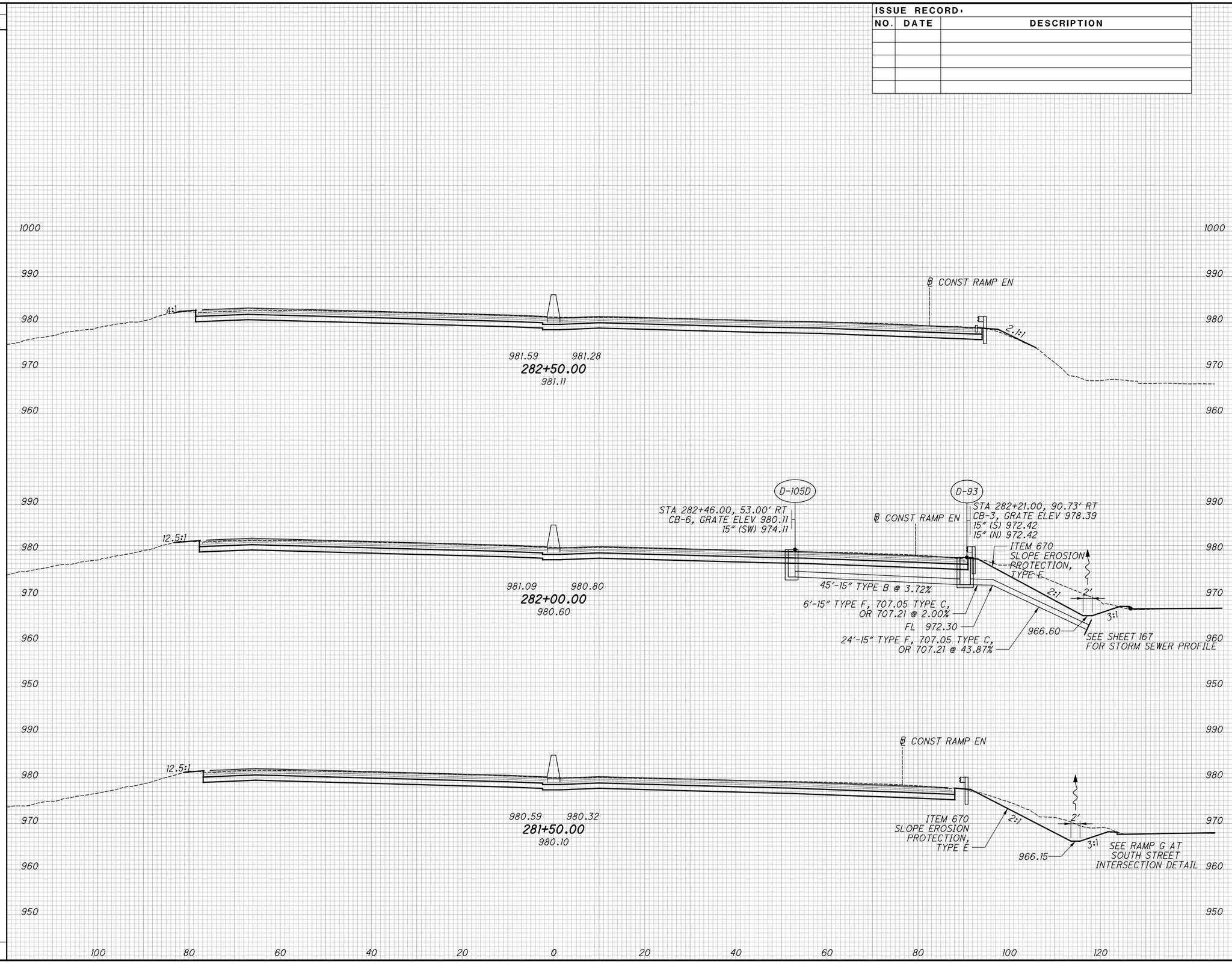
ISSUE RECORD:

NO.	DATE	DESCRIPTION

END AREA		VOLUME	
CUT	FILL	CUT	FILL

CALCULATED JDD

CHECKED JFM



CROSS SECTIONS - I.R. 76
STA. 281+50.00 TO STA. 282+50.00

SUM-76/77/8-8.24/9.74/0.00

94
188

2026-03-24 - BU-32 - RECORD DRAWING PLANS

pw:\\VANVAOIPWINT01.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Roadway\Sheets\BU-32\102329_BU-32_XS001.dgn-2/16/2022-4:56:14 PM-p0078701A

pw:\\VANVAOIPWINTOI.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Roadway\Sheets\BU-32\102329_BU-32_XS001.dgn-2/24/2022-11:01:03 AM-p0078704

XS028

SEEDING	
END WIDTH	SQ. YDS.

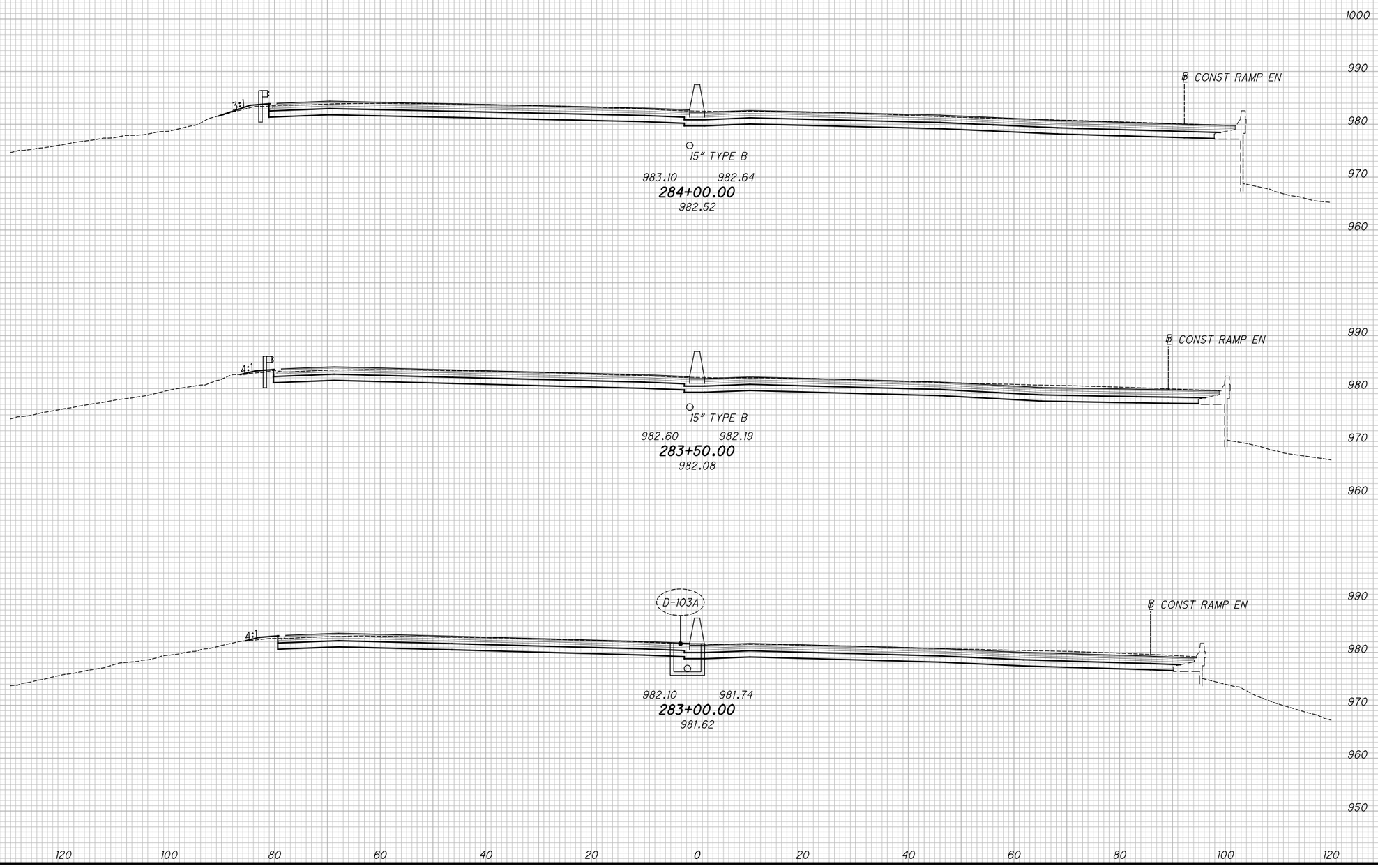
ISSUE RECORD:

NO.	DATE	DESCRIPTION

END AREA		VOLUME	
CUT	FILL	CUT	FILL

CALCULATED JDD

CHECKED JFM



CROSS SECTIONS - I.R. 76

STA. 283+00.00 TO STA. 284+00.00

SUM-76/77/8-8.24/9.74/0.00

2026-03-24 - BU-32 - RECORD DRAWING PLANS

XS029

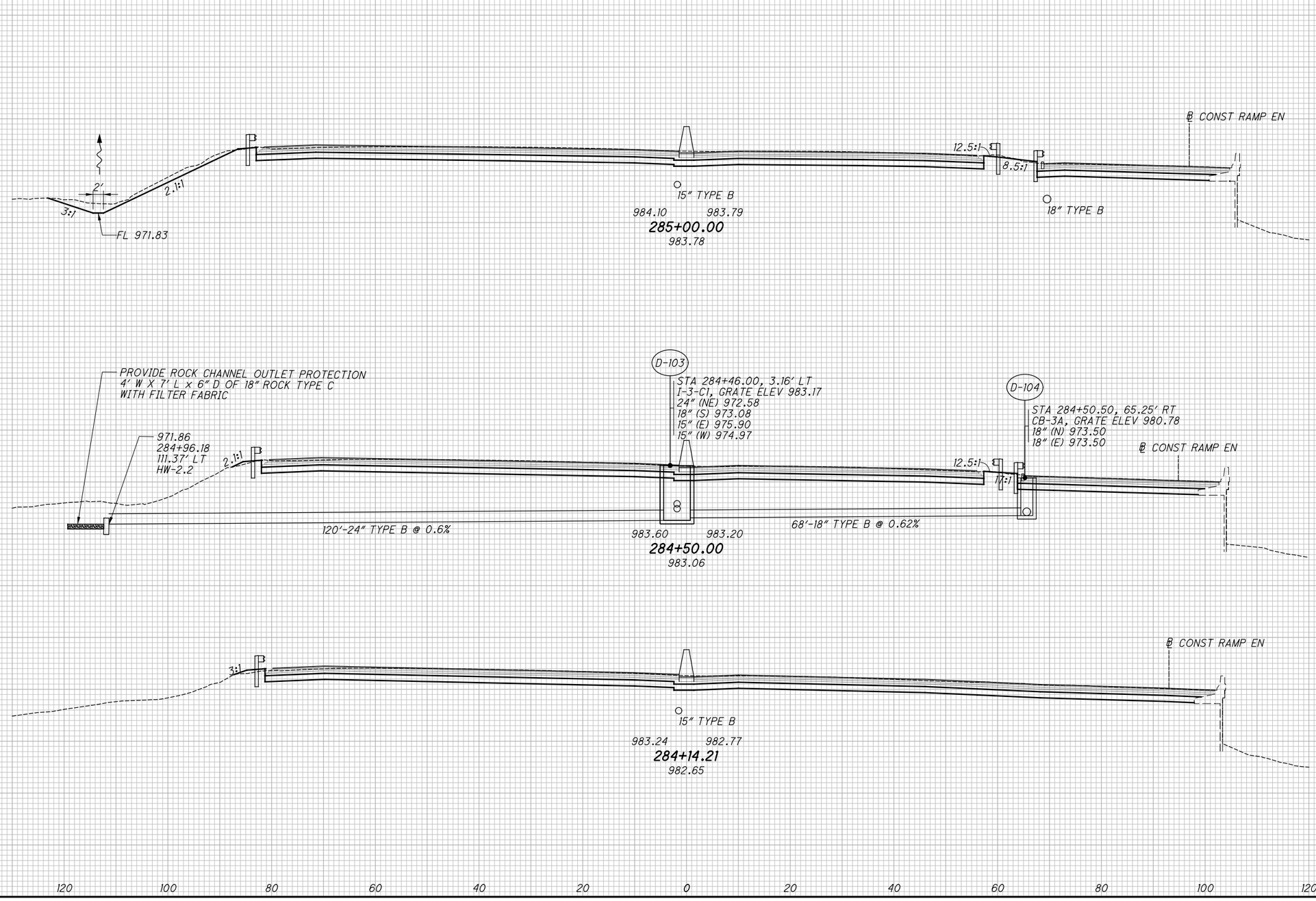
SEEDING	
END WIDTH	SQ. YDS.

ISSUE RECORD:		
NO.	DATE	DESCRIPTION

END AREA		VOLUME	
CUT	FILL	CUT	FILL

CALCULATED JDD

CHECKED JFM



CROSS SECTIONS - I.R. 76 & RAMP EN
STA. 284+14.21 TO STA. 285+00.00

SUM-76/77/8-8.24/9.74/0.00

2026-03-24 - BU-32 - RECORD DRAWING PLANS

DW:\\VANVAOIFPWINT01.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Roadway\Sheets\BU-32\102329_BU-32_XS001.dgn-2/24/2022-11:01:07 AM-p0078704

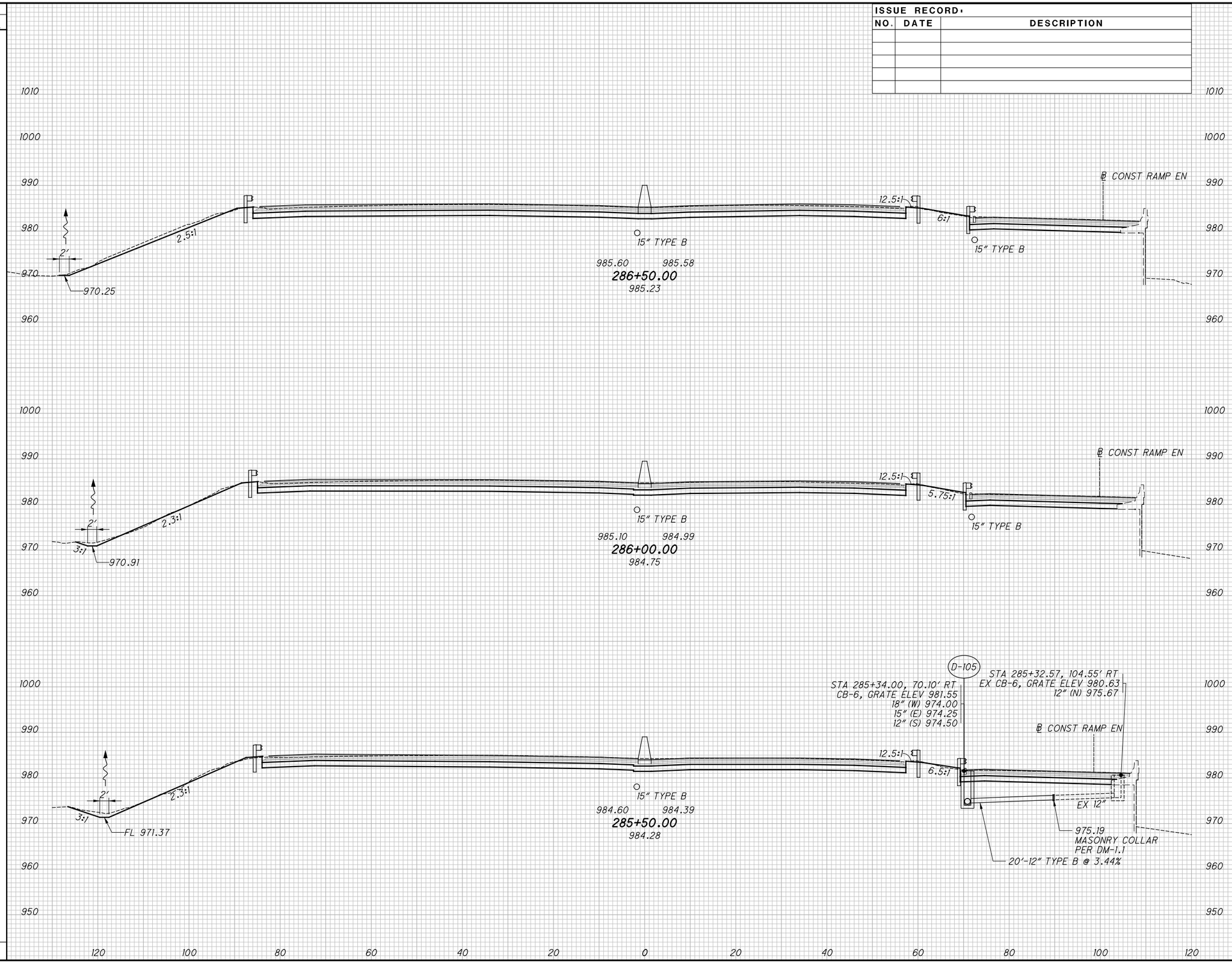
SEEDING	
END WIDTH	SQ. YDS.

ISSUE RECORD:		
NO.	DATE	DESCRIPTION

END AREA		VOLUME	
CUT	FILL	CUT	FILL

CALCULATED JDD

CHECKED JFM



CROSS SECTIONS - I.R. 76 & RAMP EN
STA. 285+50.00 TO STA. 286+50.00

SUM-76/77/8-8.24/9.74/0.00

2026-03-24 - BU-32 - RECORD DRAWING PLANS

XS030

pw:\\VANVAOIPWINTO1.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Roadway\Sheets\BU-32\102329_BU-32_XS001.dgn-2/16/2022-4:56:25 PM-D007870A

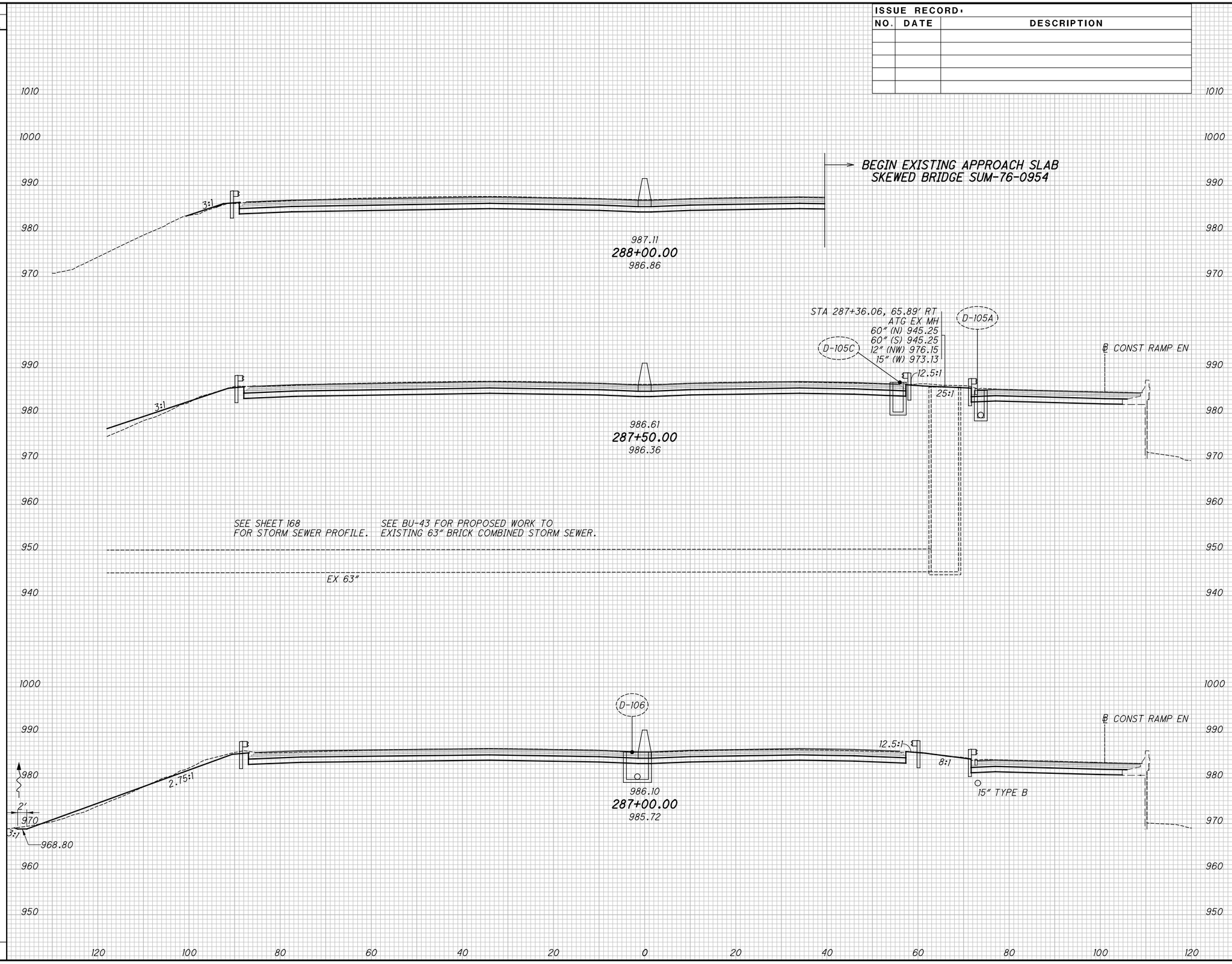
XS031

SEEDING	
END WIDTH	SQ. YDS.

ISSUE RECORD:		
NO.	DATE	DESCRIPTION

END AREA		VOLUME	
CUT	FILL	CUT	FILL

CALCULATED JDD
CHECKED JFM



CROSS SECTIONS - I.R. 76 & RAMP EN
STA. 287+00.00 TO STA. 288+00.00

SUM-76/77/8-
8.24/9.74/0.00

98
188

2026-03-24 - BU-32 - RECORD DRAWING PLANS

pw:\\VANVA01PWINTOL.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\02329\Roadway\Sheets\BU-32\02329_BU-32_XS001.dgn-2/16/2022-4:56:29 PM-D007870A

XS032

pw:\\VANVAOIPWINTOI.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Roadway\Sheets\BU-32\102329_BU-32_XS001.dgn-2/16/2022-4:56:32 PM-D007870A

SEEDING	
END WIDTH	SQ. YDS.

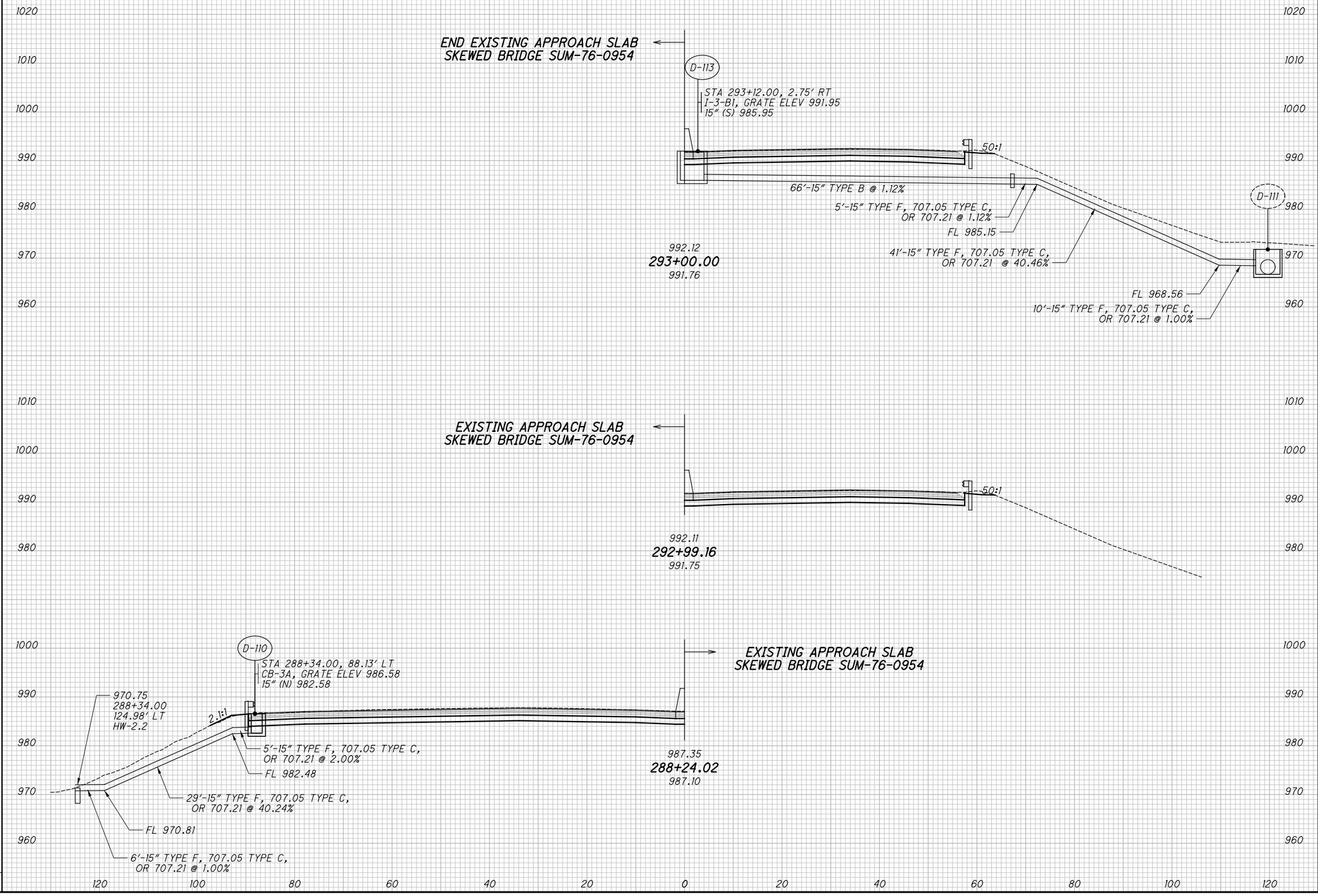
ISSUE RECORD:		
NO.	DATE	DESCRIPTION

END AREA	
CUT	FILL

VOLUME	
CUT	FILL

CALCULATED JDD

CHECKED JFM



CROSS SECTIONS - I.R. 76

STA. 288+24.02 TO STA. 293+00.00

2026-03-24 - BU-32 - RECORD DRAWING PLANS

SUM-76/77/8-8.24/9.74/0.00

pw:\\ANYAOIPWINTOI.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Roadway\Sheets\BU-32\102329_BU-32_XS001.dgn-2/16/2022-4:56:36 PM-p0078704

XS033

SEEDING	
END WIDTH	SQ. YDS.

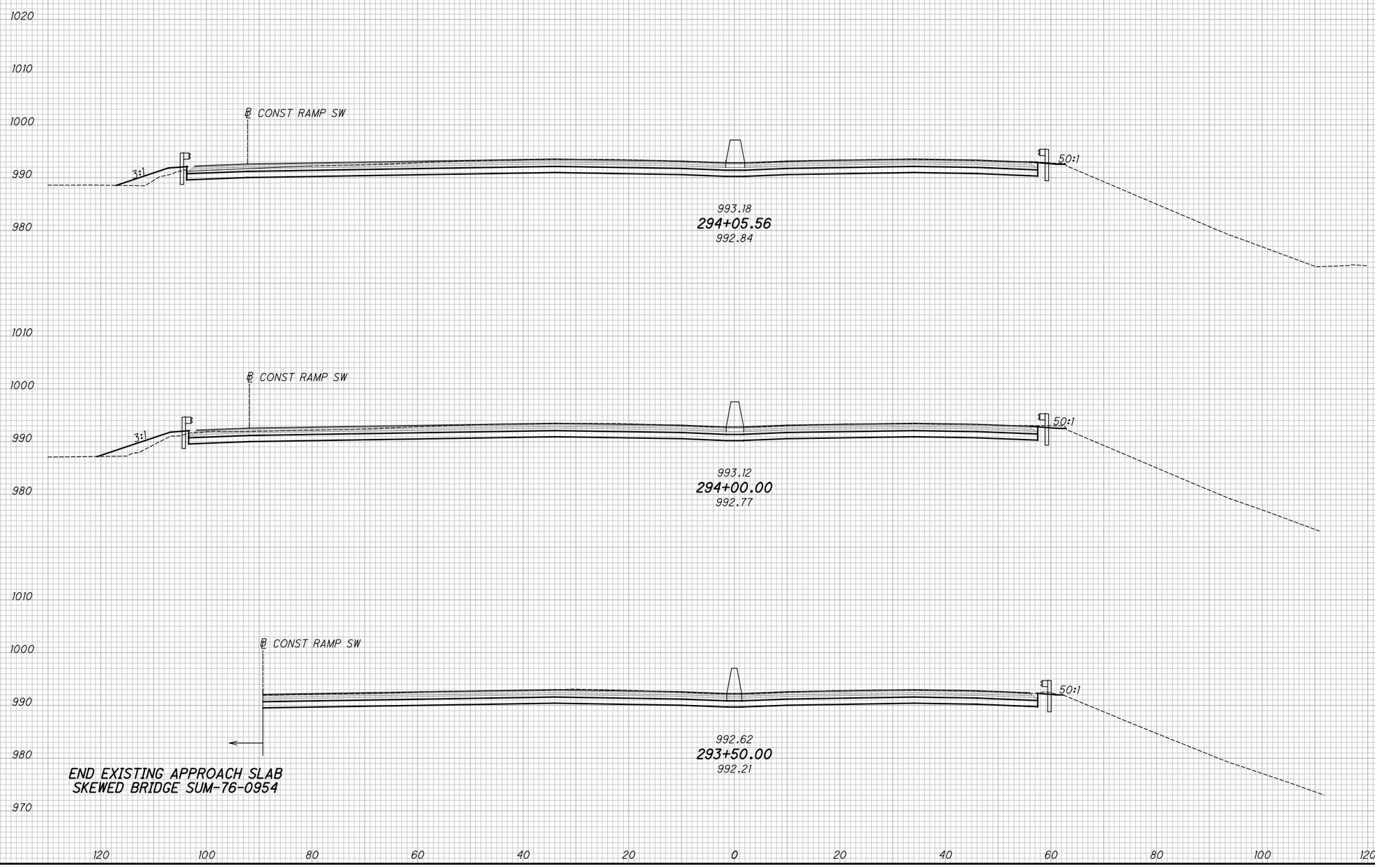
ISSUE RECORD:

NO.	DATE	DESCRIPTION

END AREA		VOLUME	
CUT	FILL	CUT	FILL

CALCULATED JDD

CHECKED JFM



CROSS SECTIONS - I.R. 76
STA. 293+50.00 TO STA. 294+05.56

SUM-76/77/8-8.24/9.74/0.00

2026-03-24 - BU-32 - RECORD DRAWING PLANS

pw:\\VANVAOIPWINT01.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Roadway\Sheets\BU-32\102329_BU-32_XS001.dgn-2/16/2022-4:56:44 PM-D007870A

XS034

SEEDING	
END WIDTH	SQ. YDS.

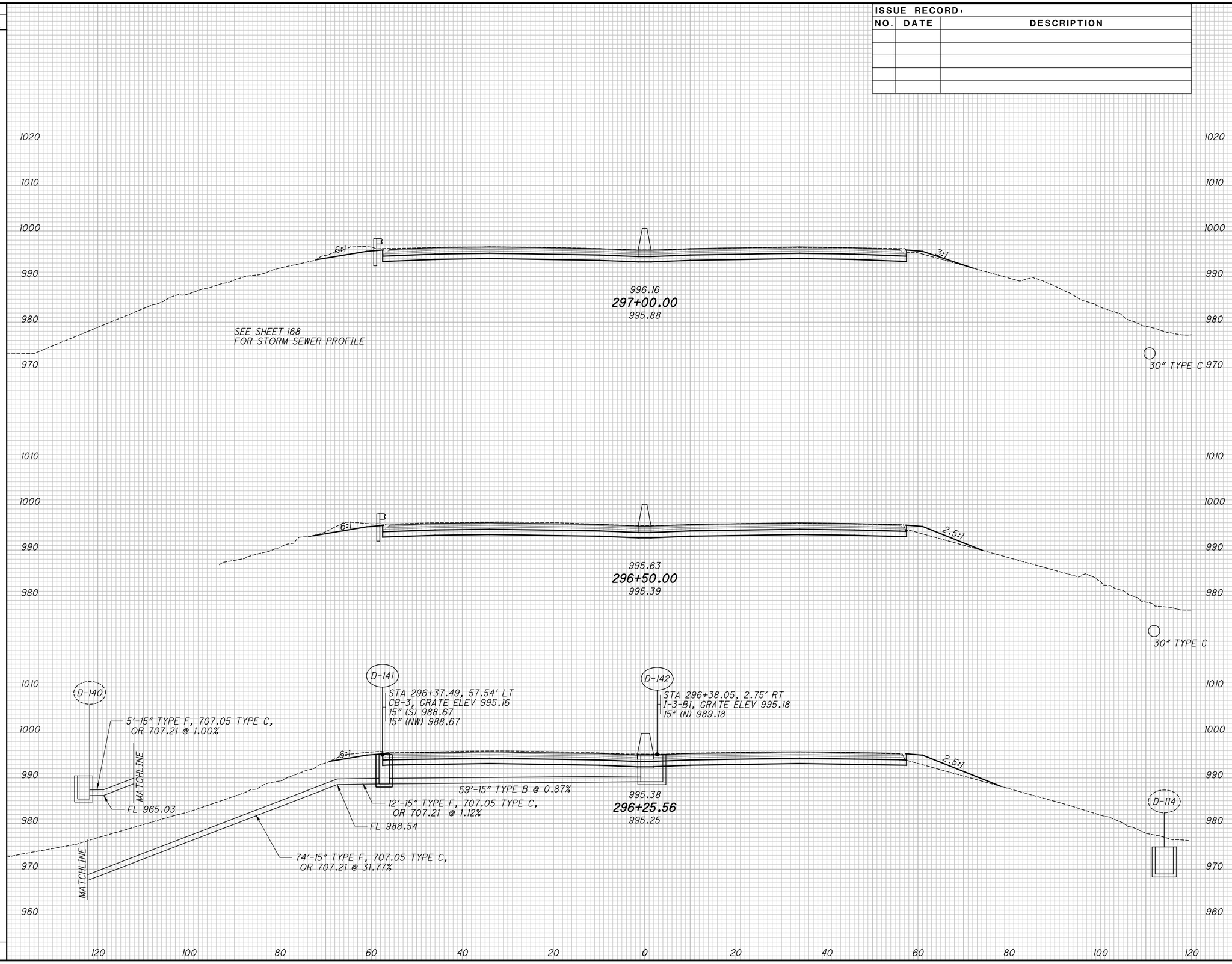
ISSUE RECORD:

NO.	DATE	DESCRIPTION

END AREA		VOLUME	
CUT	FILL	CUT	FILL

CALCULATED JDD

CHECKED JFM



CROSS SECTIONS - I.R. 76

STA. 296+25.56 TO STA. 297+00.00

2026-03-24 - BU-32 - RECORD DRAWING PLANS

SUM-76/77/8-8.24/9.74/0.00

pw:\\VANVAOIPWINT01.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Roadway\Sheets\BU-32\102329_BU-32_XS001.dgn-2/16/2022-4:57:17 PM-p007870A

XS035

SEEDING	
END WIDTH	SQ. YDS.

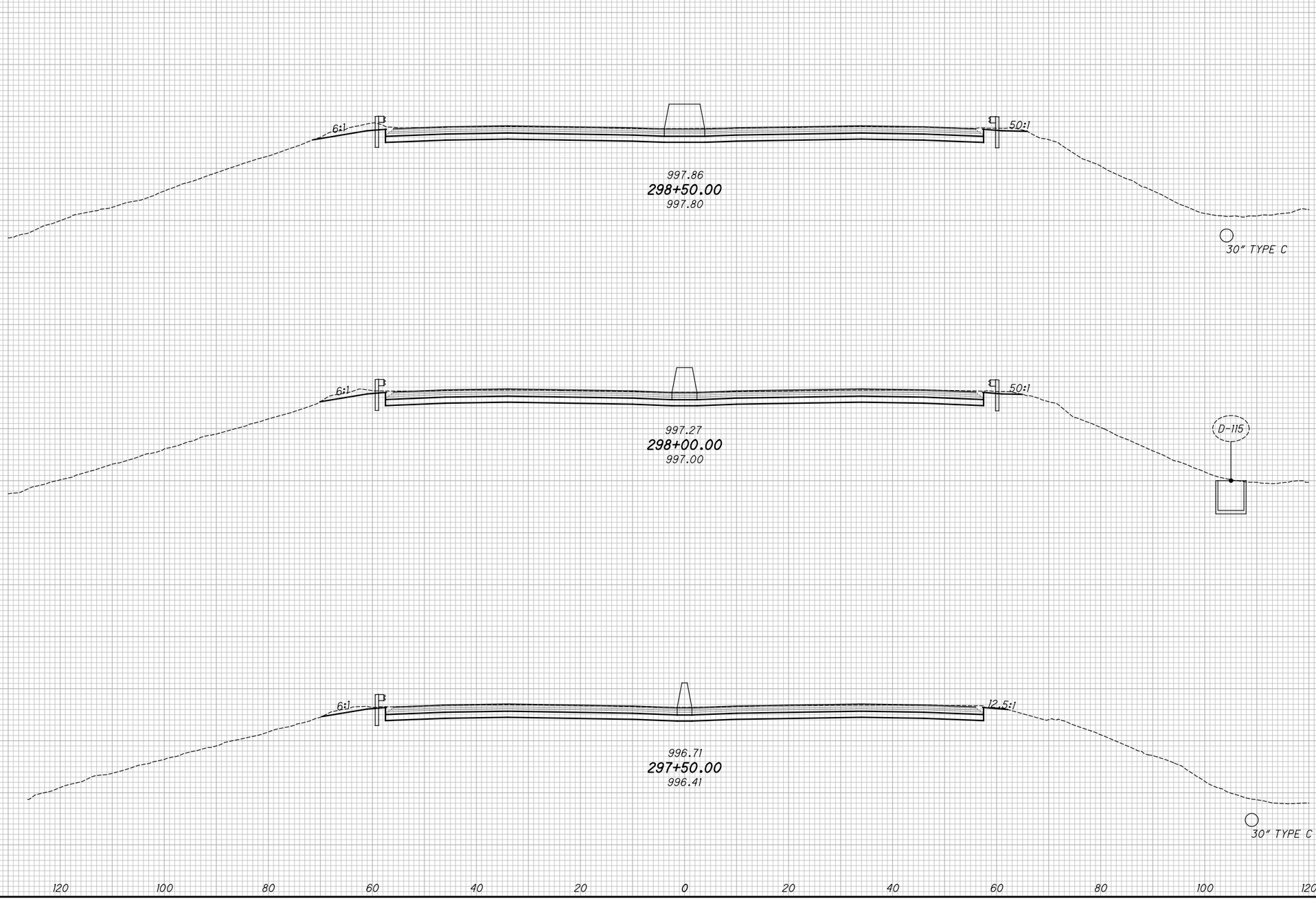
ISSUE RECORD:

NO.	DATE	DESCRIPTION

END AREA		VOLUME	
CUT	FILL	CUT	FILL

CALCULATED JDD

CHECKED JFM



CROSS SECTIONS - I.R. 76
STA. 297+50.00 TO STA. 298+50.00

SUM-76/77/8-8.24/9.74/0.00

2026-03-24 - BU-32 - RECORD DRAWING PLANS

pw:\\VANVAOIPWINTOI.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\02329\Roadway\Sheets\BU-32\02329_BU-32_XS001.dgn-2/16/2022-4:57:20 PM-p007870A

XS036

SEEDING	
END WIDTH	SQ. YDS.

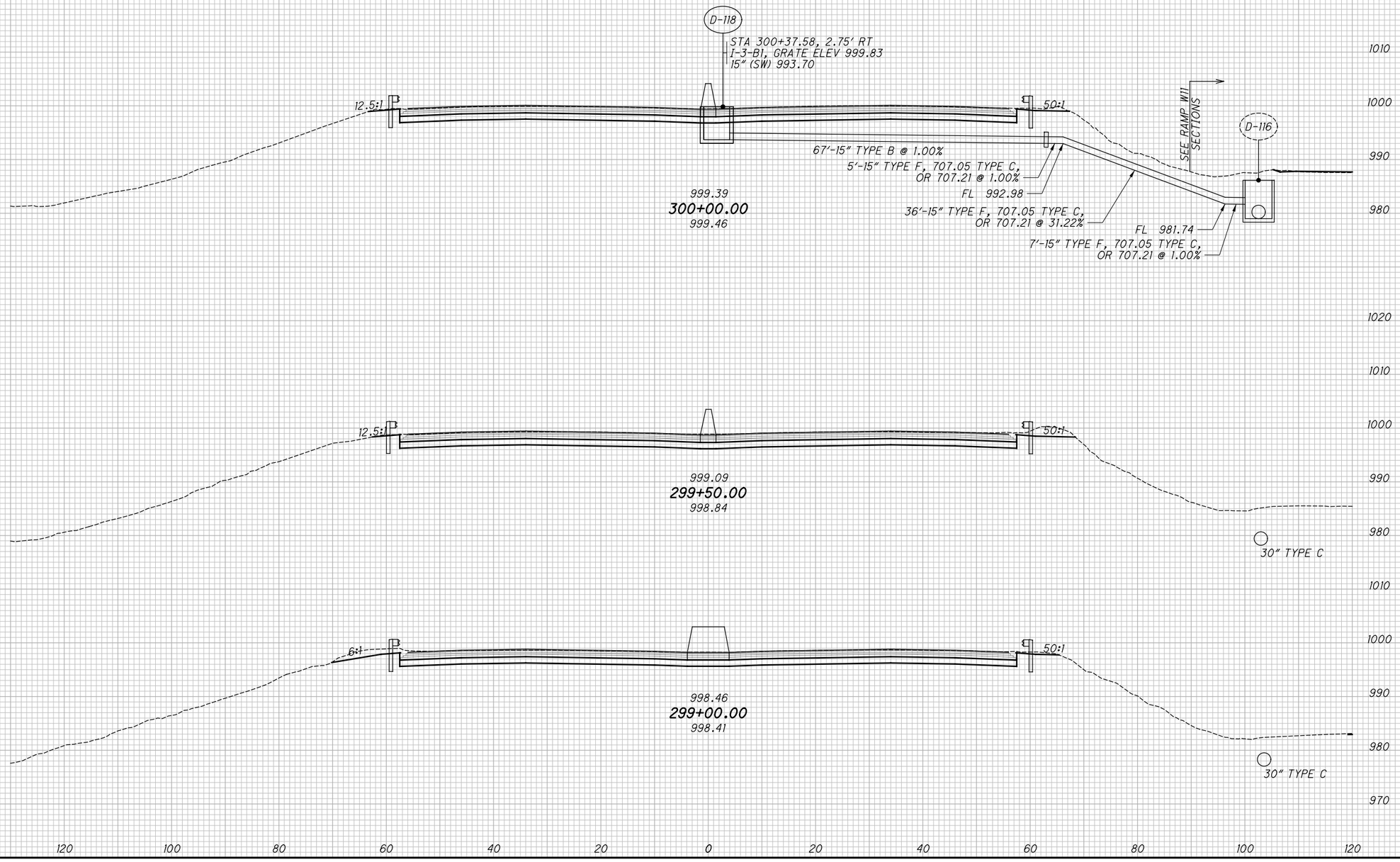
ISSUE RECORD:

NO.	DATE	DESCRIPTION

END AREA		VOLUME	
CUT	FILL	CUT	FILL

CALCULATED JDD

CHECKED JFM



CROSS SECTIONS - I.R. 76

STA. 299+00.00 TO STA. 300+00.00

2026-03-24 - BU-32 - RECORD DRAWING PLANS

SUM-76/77/8-8.24/9.74/0.00

SEEDING	
END WIDTH	SQ. YDS.

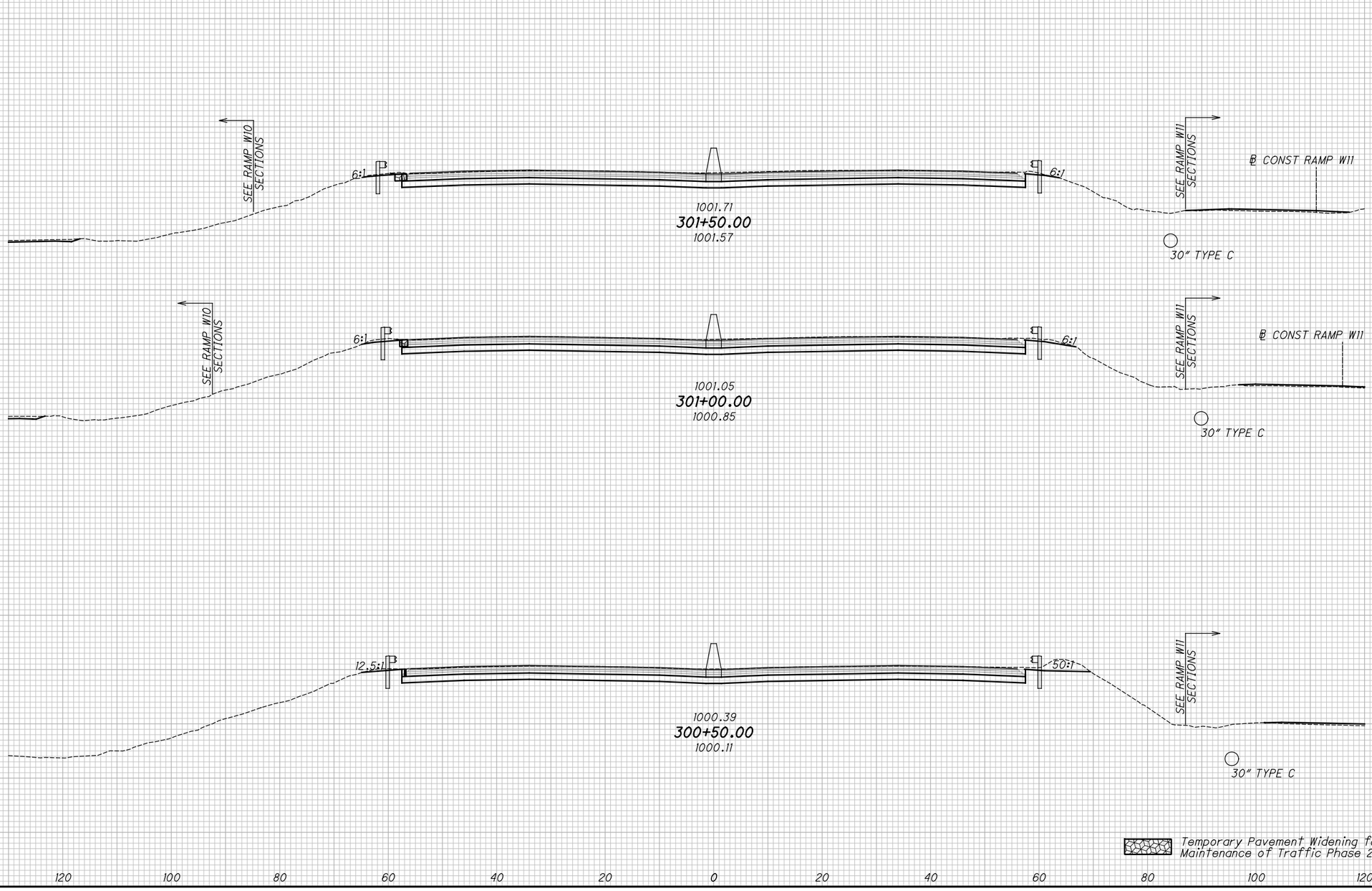
ISSUE RECORD:

NO.	DATE	DESCRIPTION

END AREA		VOLUME	
CUT	FILL	CUT	FILL

CALCULATED JDD

CHECKED JFM



CROSS SECTIONS - I.R. 76

STA. 300+50.00 TO STA. 301+50.00

SUM-76/77/8-8.24/9.74/0.00

2026-03-24 - BU-32 - RECORD DRAWING PLANS

XS037
Dw:\\VANVAOIPWINTOL.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Roadway\Sheets\BU-32\102329_BU-32_XS001.dgn-2/16/2022-4:57:24 PM-p0078704

SEEDING	
END WIDTH	SQ. YDS.

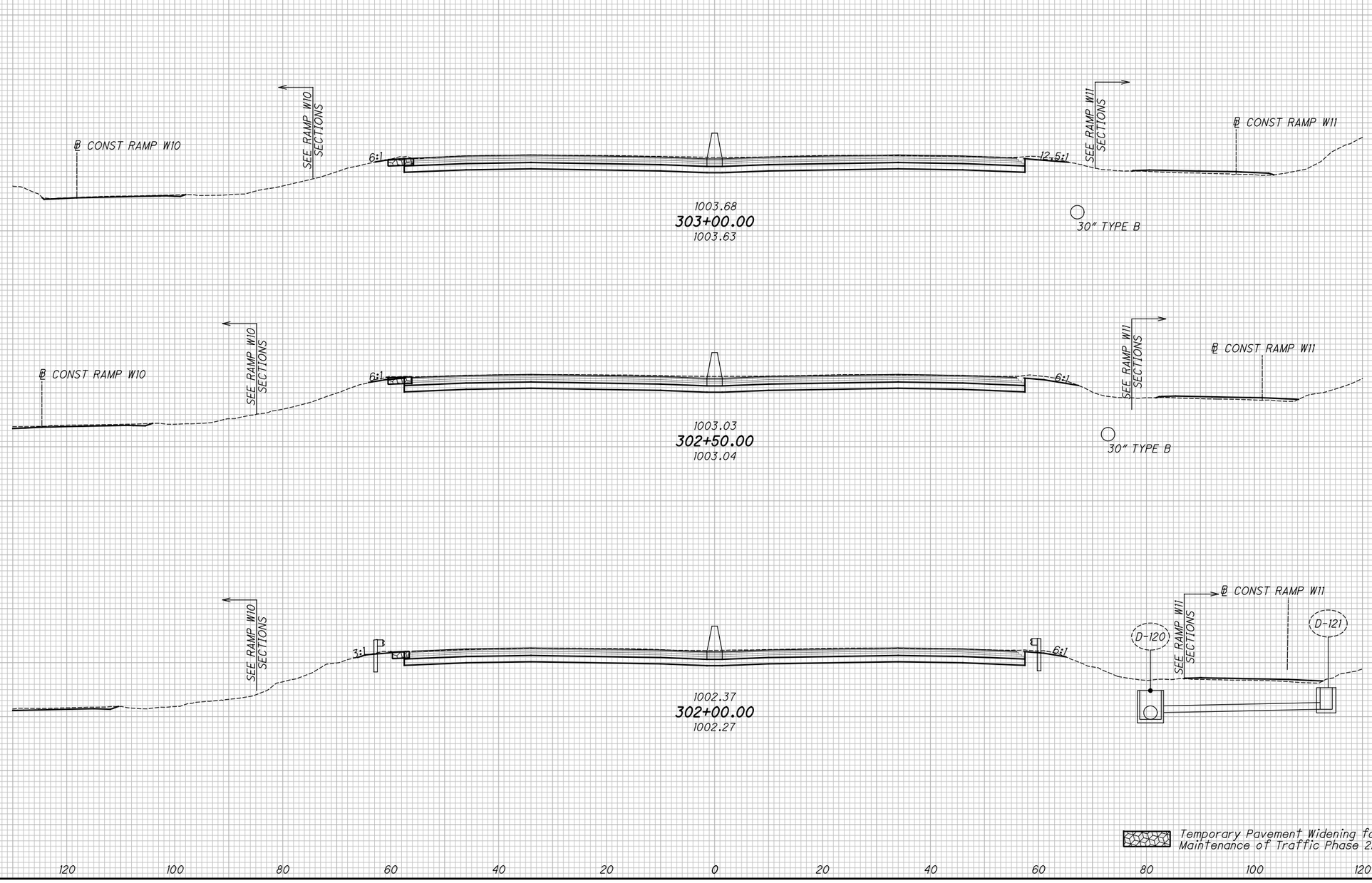
ISSUE RECORD:		
NO.	DATE	DESCRIPTION

END AREA	
CUT	FILL

VOLUME	
CUT	FILL

CALCULATED JDD

CHECKED JFM



CROSS SECTIONS - I.R. 76

STA. 302+00.00 TO STA. 303+00.00

SUM-76/77/8-8.24/9.74/0.00

105
188

2026-03-24 - BU-32 - RECORD DRAWING PLANS

XS038

pw:\\VANVAOIPWINTOI.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Roadway\Sheets\BU-32\102329_BU-32_XS001.dgn-2/16/2022-4:57:28 PM-p0078704

XS039

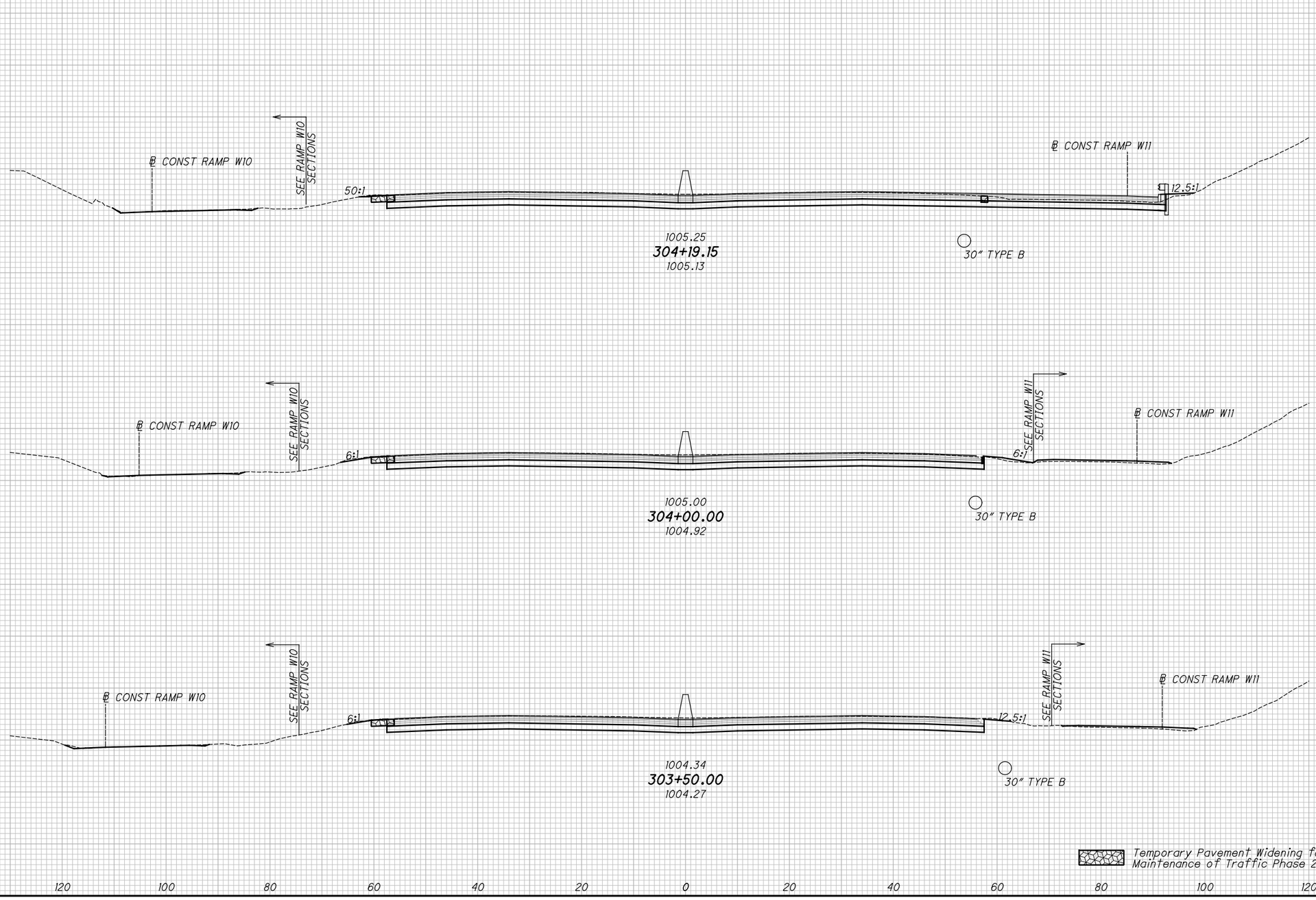
SEEDING	
END WIDTH	SQ. YDS.

ISSUE RECORD:		
NO.	DATE	DESCRIPTION

END AREA	
CUT	FILL

VOLUME	
CUT	FILL

CALCULATED	CHECKED
JDD	JFM



CROSS SECTIONS - I.R. 76
STA. 303+50.00 TO STA. 304+19.15

SUM-76/77/8-8.24/9.74/0.00

2026-03-24 - BU-32 - RECORD DRAWING PLANS

DW:\\VANVAOIPWINTOL.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Roadway\Sheets\BU-32\102329_BU-32_XS001.dgn-2/16/2022-4:57:32 PM-p0078704

SEEDING	
END WIDTH	SQ. YDS.

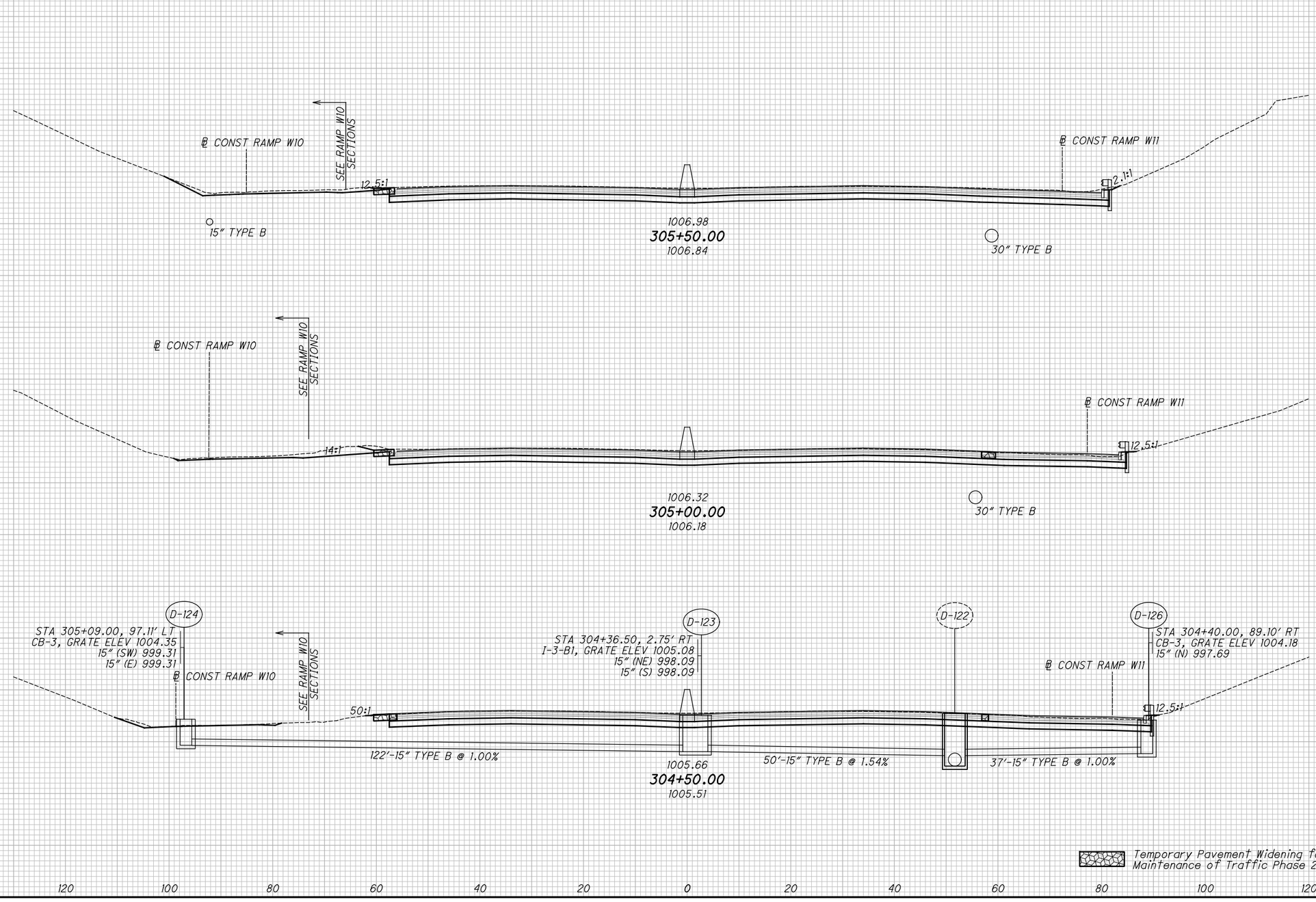
ISSUE RECORD:

NO.	DATE	DESCRIPTION

END AREA		VOLUME	
CUT	FILL	CUT	FILL

CALCULATED JDD

CHECKED JFM



CROSS SECTIONS - I.R. 76
STA. 304+50.00 TO STA. 305+50.00

SUM-76/77/8-8.24/9.74/0.00

2026-03-24 - BU-32 - RECORD DRAWING PLANS

XS040
pw:\\VANVAOIPWINTOI.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Roadway\Sheets\BU-32\102329_BU-32_XS001.dgn-2/16/2022-4:57:36 PM-p007870A

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XS041

SEEDING	
END WIDTH	SQ. YDS.

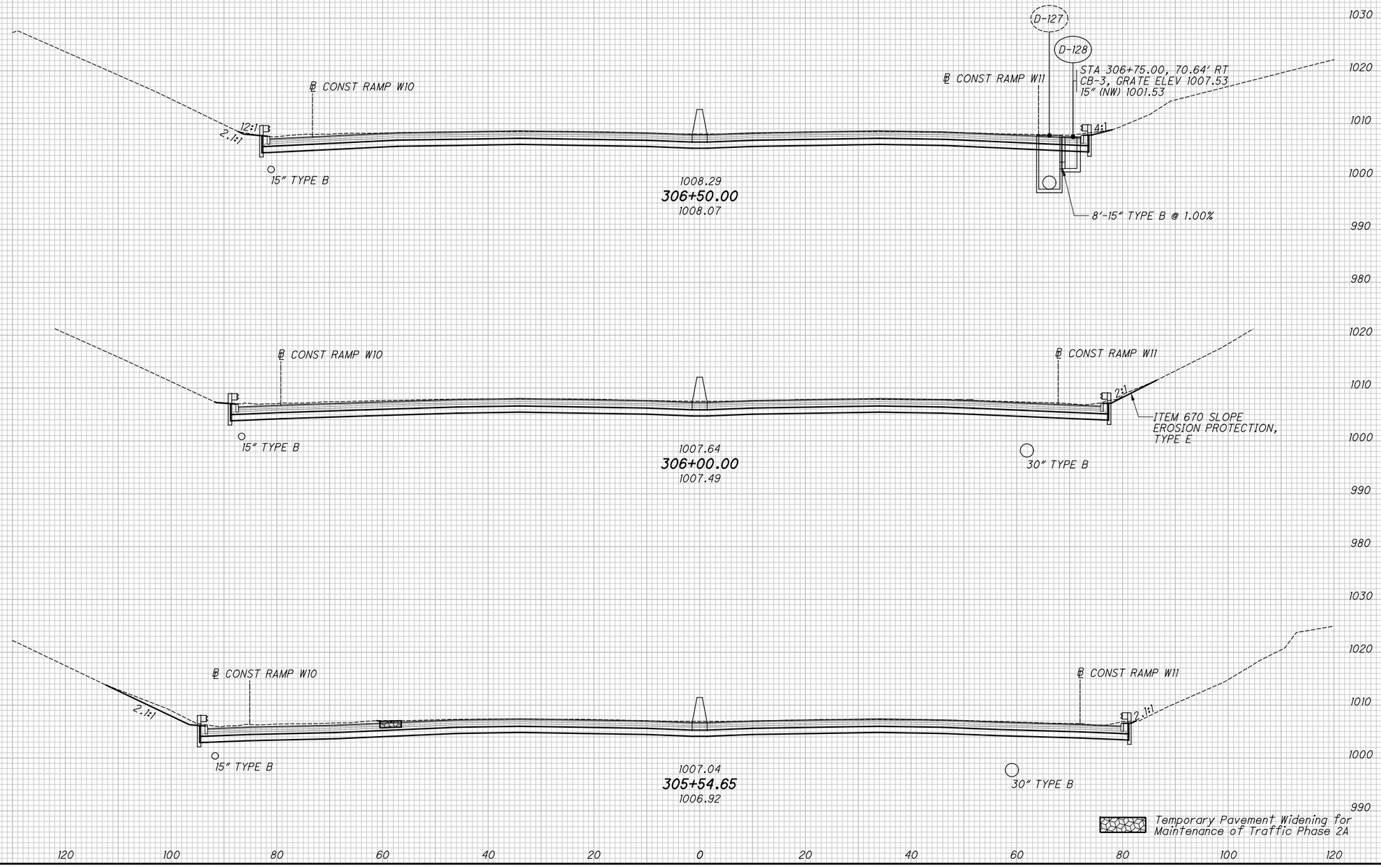
ISSUE RECORD:

NO.	DATE	DESCRIPTION

END AREA		VOLUME	
CUT	FILL	CUT	FILL

CALCULATED JDD

CHECKED JFM



CROSS SECTIONS - I.R. 76
STA. 305+54.65 TO STA. 306+50.00

2026-03-24 - BU-32 - RECORD DRAWING PLANS

SUM-76/77/8-8.24/9.74/0.00

pw:\\VANVAOIPWINTOI.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Roadway\Sheets\BU-32\102329_BU-32_XS001.dgn-2/16/2022-4:57:44 PM-p0078710A

XS042

SEEDING	
END WIDTH	SQ. YDS.

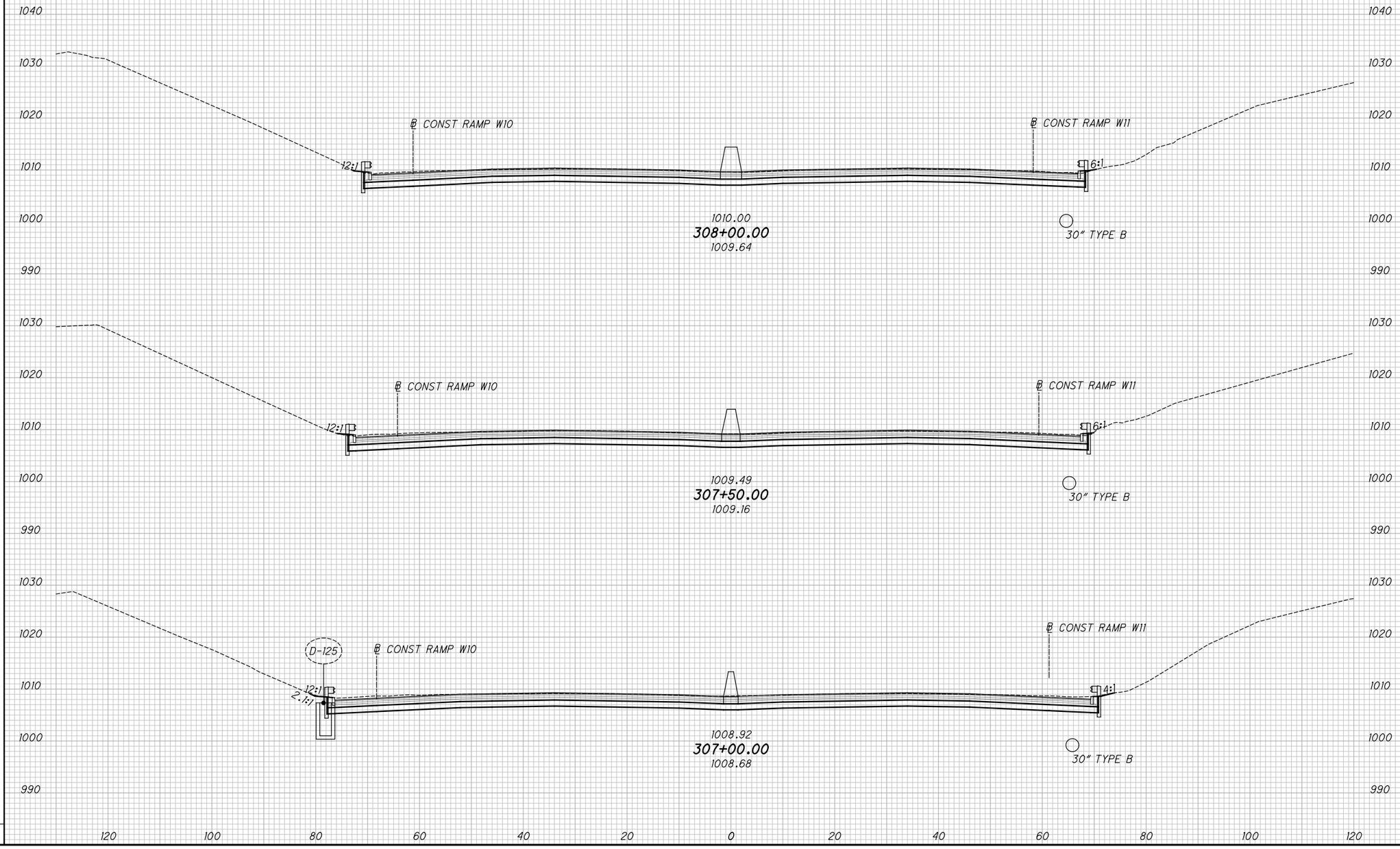
ISSUE RECORD:

NO.	DATE	DESCRIPTION

END AREA		VOLUME	
CUT	FILL	CUT	FILL

CALCULATED JDD

CHECKED JFM



CROSS SECTIONS - I.R. 76

STA. 307+00.00 TO STA. 308+00.00

SUM-76/77/8-8.24/9.74/0.00

2026-03-24 - BU-32 - RECORD DRAWING PLANS

XS043

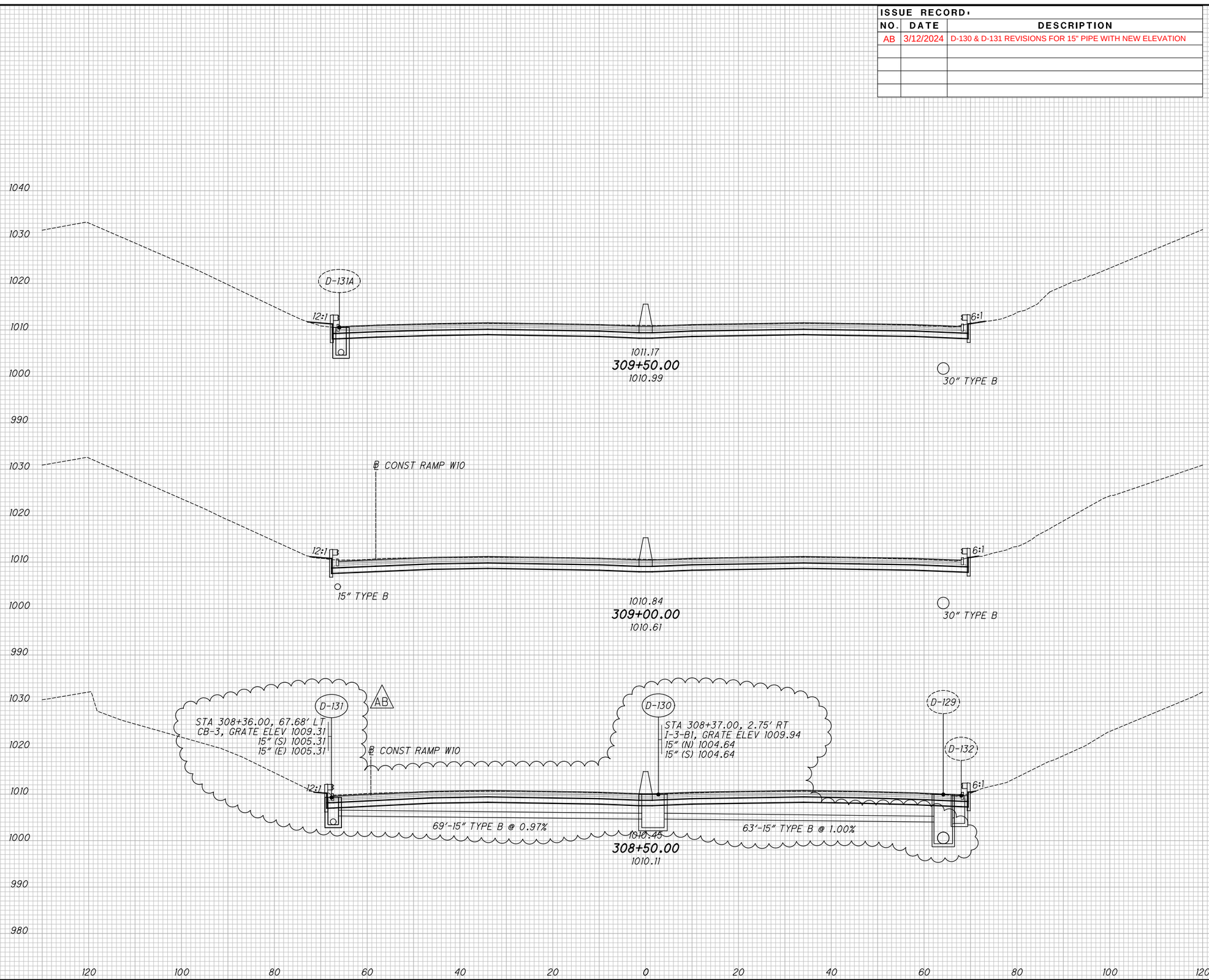
SEEDING	
END WIDTH	SQ. YDS.

ISSUE RECORD:		
NO.	DATE	DESCRIPTION
AB	3/12/2024	D-130 & D-131 REVISIONS FOR 15" PIPE WITH NEW ELEVATION

END AREA		VOLUME	
CUT	FILL	CUT	FILL

CALCULATED JDD

CHECKED JFM



CROSS SECTIONS - I.R. 76

STA. 308+50.00 TO STA. 309+50.00

SUM-76/77/8-8.24/9.74/0.00

2026-03-24 - BU-32 - RECORD DRAWING PLANS

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XS044
DW:\\VANWA01PWINT01.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Roadway\Sheets\BU-32\102329_BU-32_XS001.dgn-2/16/2022-4:57:51PM-p00787OA

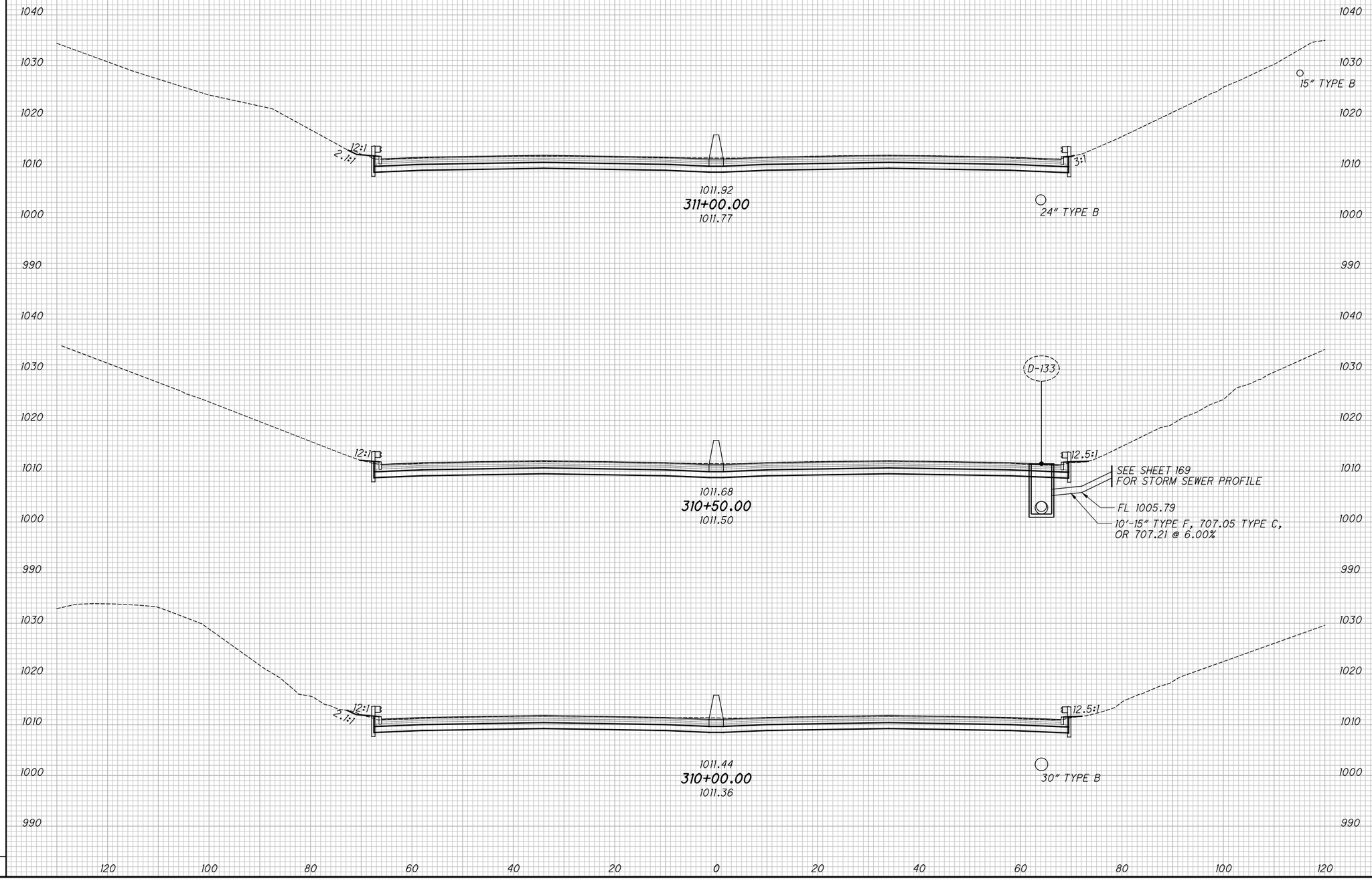
SEEDING	
END WIDTH	SQ. YDS.

ISSUE RECORD:

NO.	DATE	DESCRIPTION

END AREA		VOLUME	
CUT	FILL	CUT	FILL

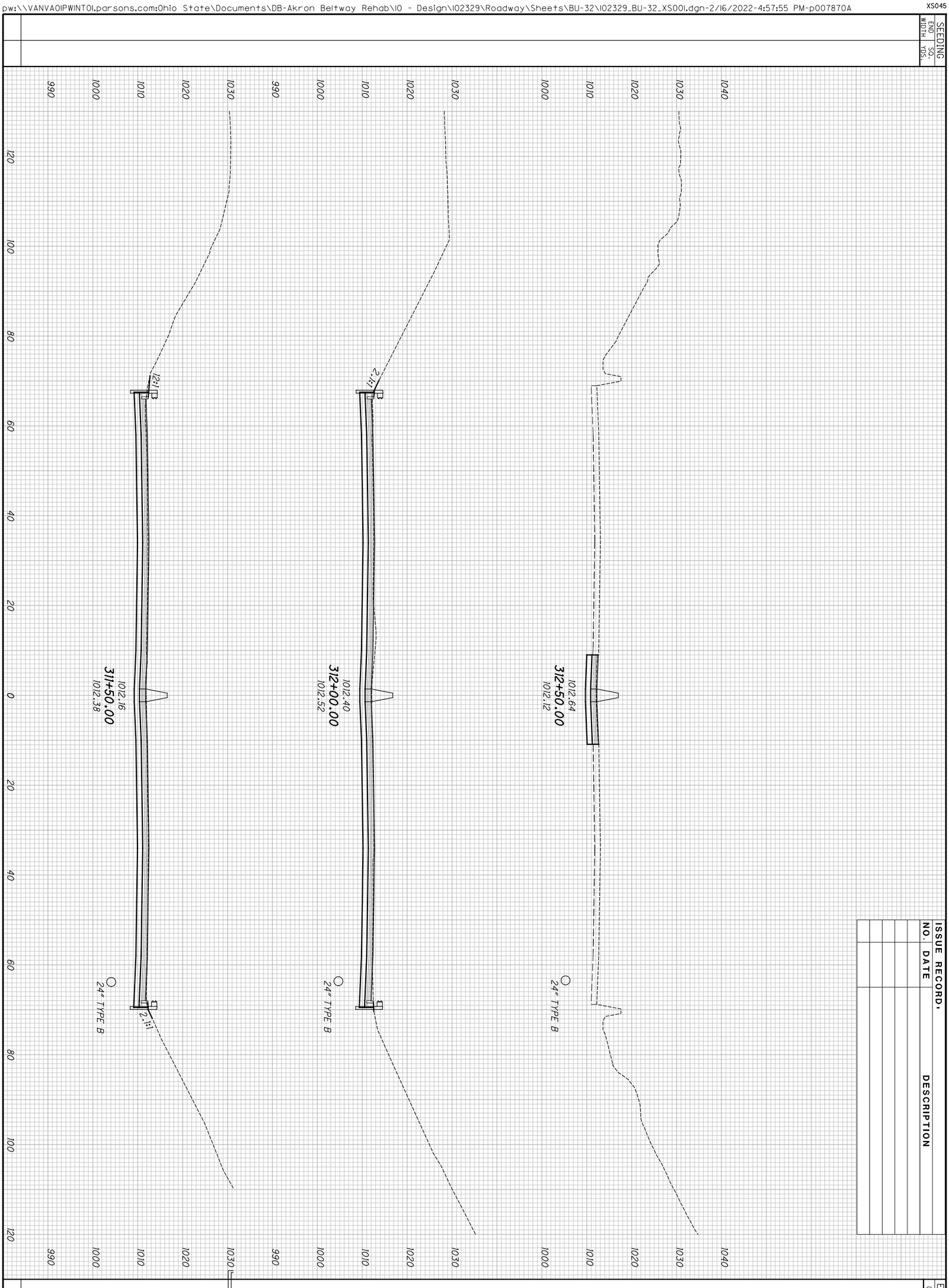
CALCULATED JDD
CHECKED JFM



CROSS SECTIONS - I.R. 76
STA. 310+00.00 TO STA. 311+00.00

SUM-76/77/8-8.24/9.74/0.00

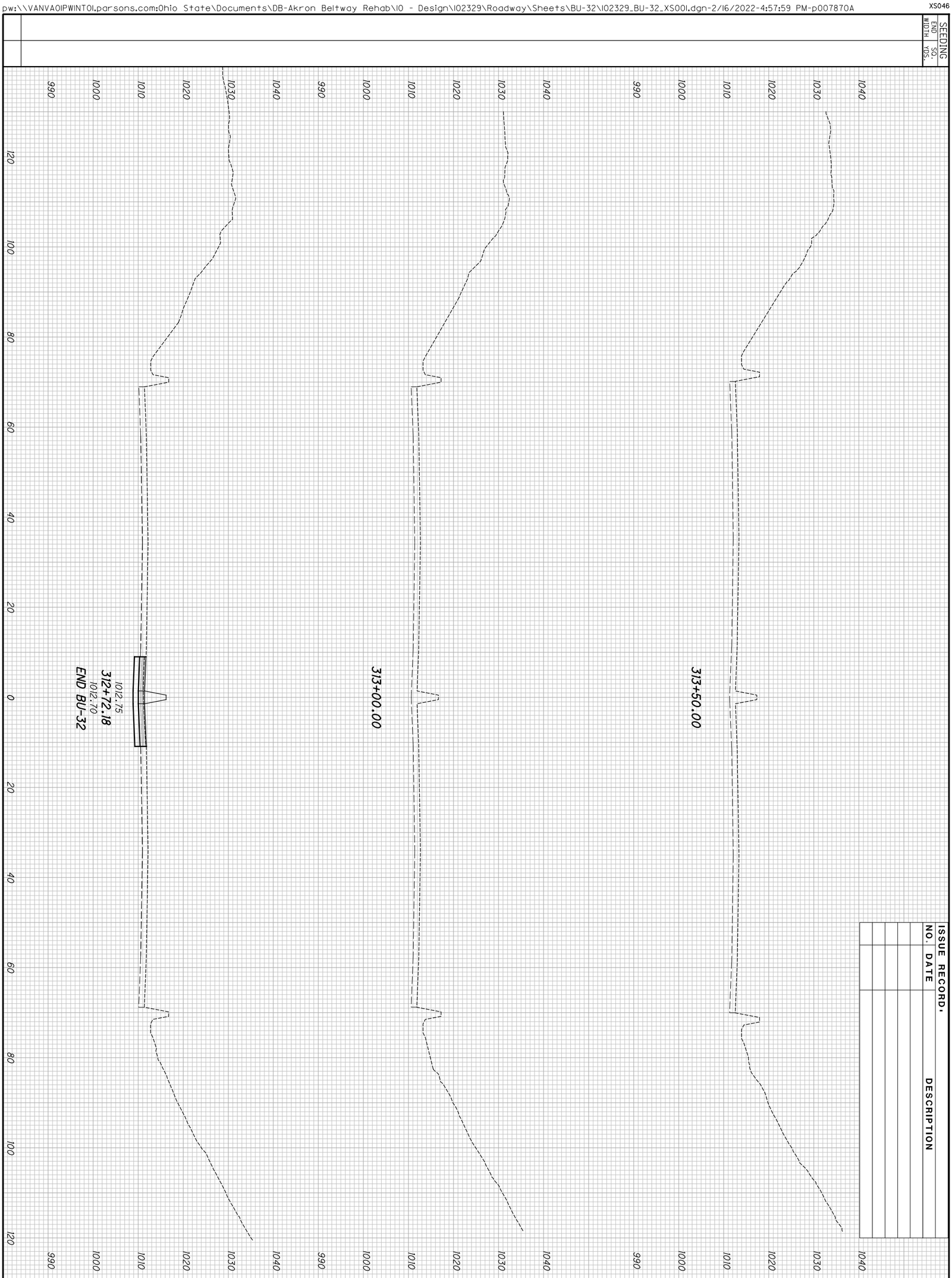
2026-03-24 - BU-32 - RECORD DRAWING PLANS



2026-03-24 - BU-32 - RECORD DRAWING PLANS

112 / 188	SUM-76/77/8- 8.24/9.74/0.00	CROSS SECTIONS - I.R. 76 STA. 311+50.00 TO STA. 312+50.00

CALCULATED JDD
CHECKED JFM



ISSUE RECORD.

NO.	DATE	DESCRIPTION

END AREA: CUT | FILL

VOLUME: CUT | FILL

2026-03-24 - BU-32 - RECORD DRAWING PLANS

113
188

SUM-76/77/8-
8.24/9.74/0.00

CROSS SECTIONS - I.R. 76
STA. 312+72.18 TO STA. 313+50.00

CALCULATED JDD
CHECKED JFM

SEEDING	
END WIDTH	SQ. YDS.

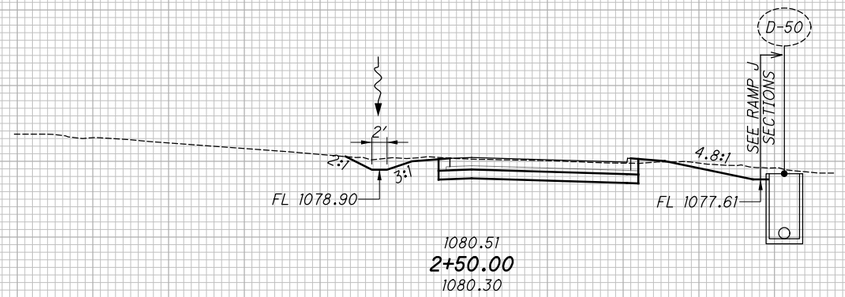
ISSUE RECORD:

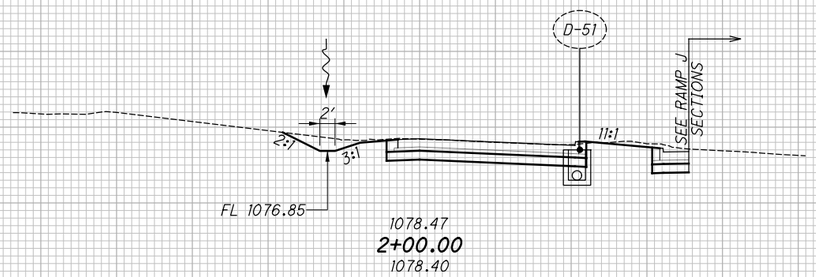
NO.	DATE	DESCRIPTION

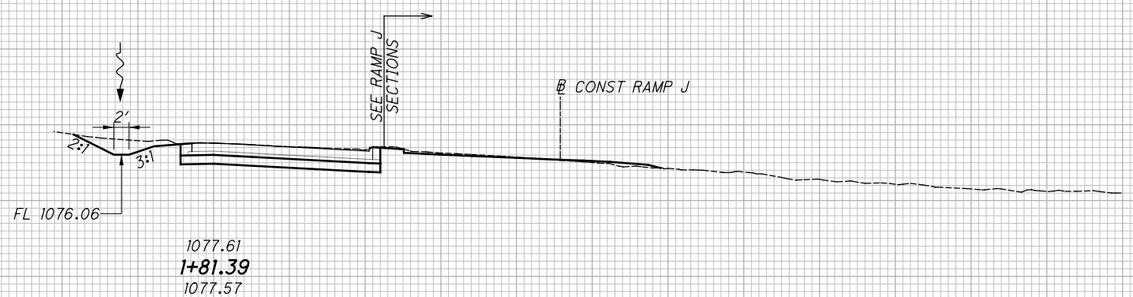
END AREA		VOLUME	
CUT	FILL	CUT	FILL

CALCULATED JDD

CHECKED JFM







1100 1090 1080 1070 1060

120 100 80 60 40 20 0 20 40 60 80 100 120

CROSS SECTIONS - RAMP M

STA. 1+81.39 TO STA. 2+50.00

SUM-76/77/8-8.24/9.74/0.00

2026-03-24 - BU-32 - RECORD DRAWING PLANS

pw:\\VANVAOIPWINTOI.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Roadway\Sheets\BU-32\102329_BU-32_XS002.dgn-2/16/2022-4:58:06 PM-p007870A

SEEDING	
END WIDTH	SQ. YDS.

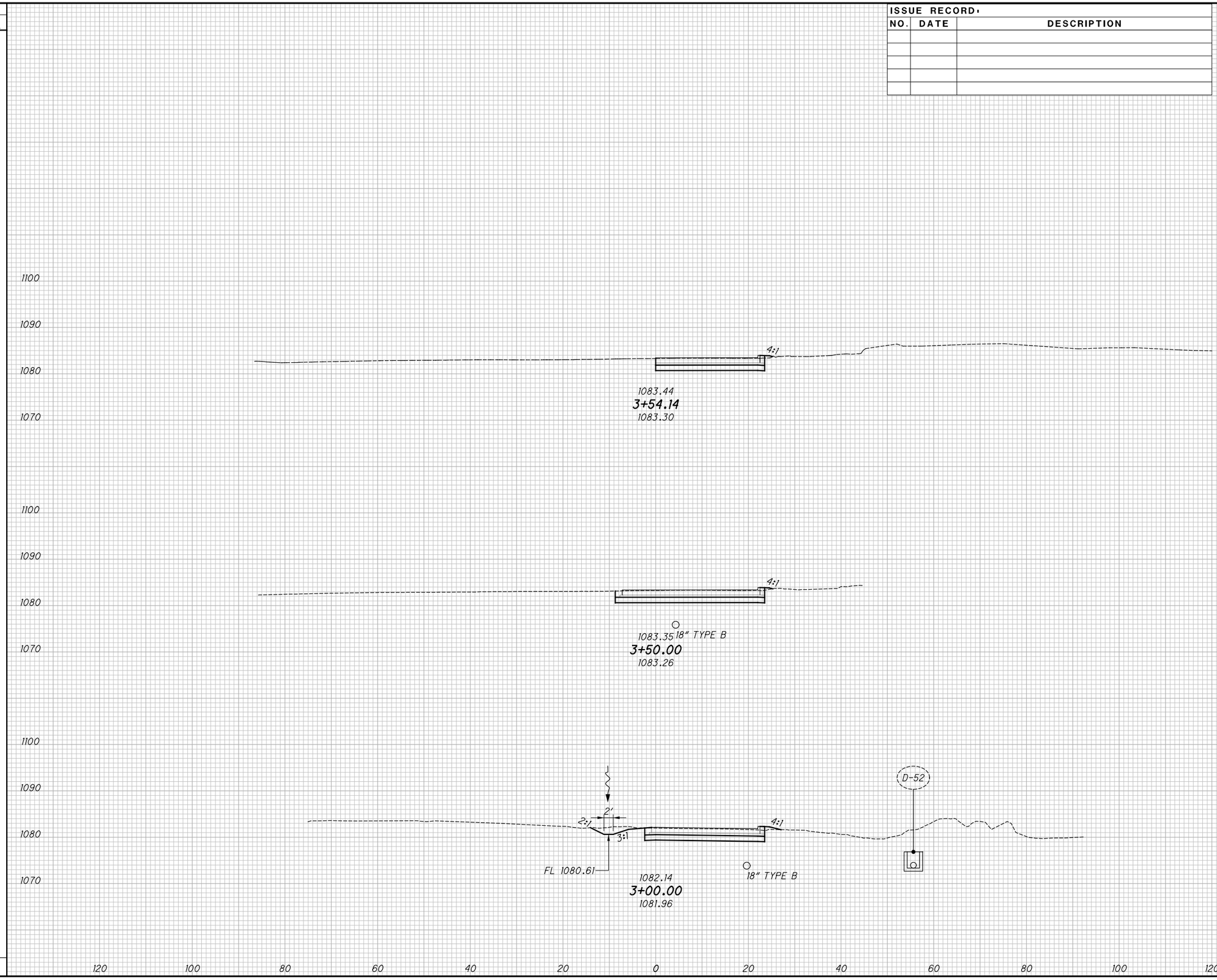
ISSUE RECORD:

NO.	DATE	DESCRIPTION

END AREA		VOLUME	
CUT	FILL	CUT	FILL

CALCULATED JDD

CHECKED JFM



CROSS SECTIONS - RAMP M
STA. 3+00.00 TO STA. 3+54.14

SUM-76/77/8-8.24/9.74/0.00

2026-03-24 - BU-32 - RECORD DRAWING PLANS

DW:\\VANVAOIPWINTOL.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Roadway\Sheets\BU-32\102329_BU-32_XS002.dgn-2/16/2022-4:58:08 PM-p007870A

SEEDING	
END WIDTH	SQ. YDS.

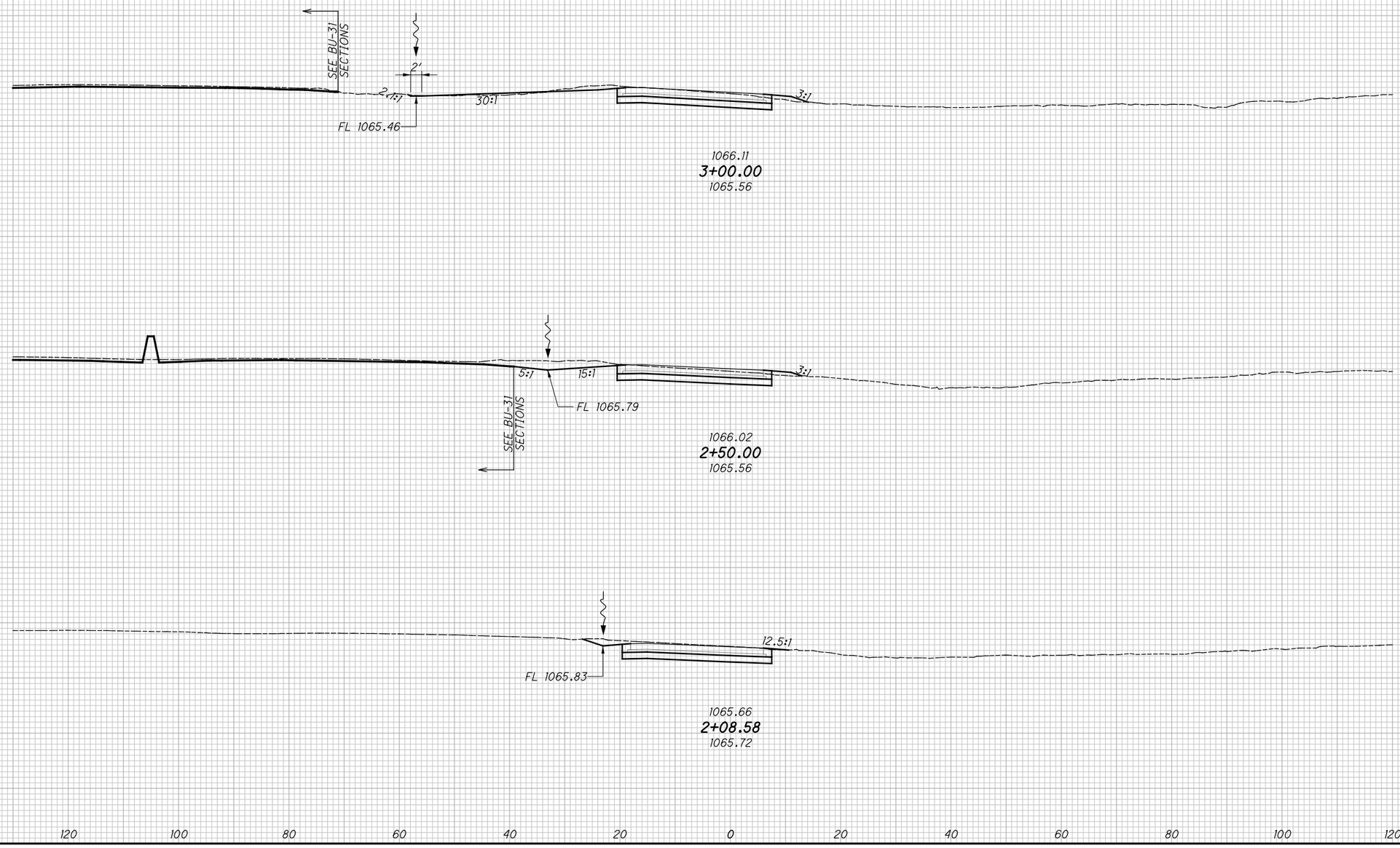
ISSUE RECORD:

NO.	DATE	DESCRIPTION

END AREA		VOLUME	
CUT	FILL	CUT	FILL

CALCULATED JDD

CHECKED JFM



CROSS SECTIONS - RAMP J
STA. 2+08.58 TO STA. 3+00.00

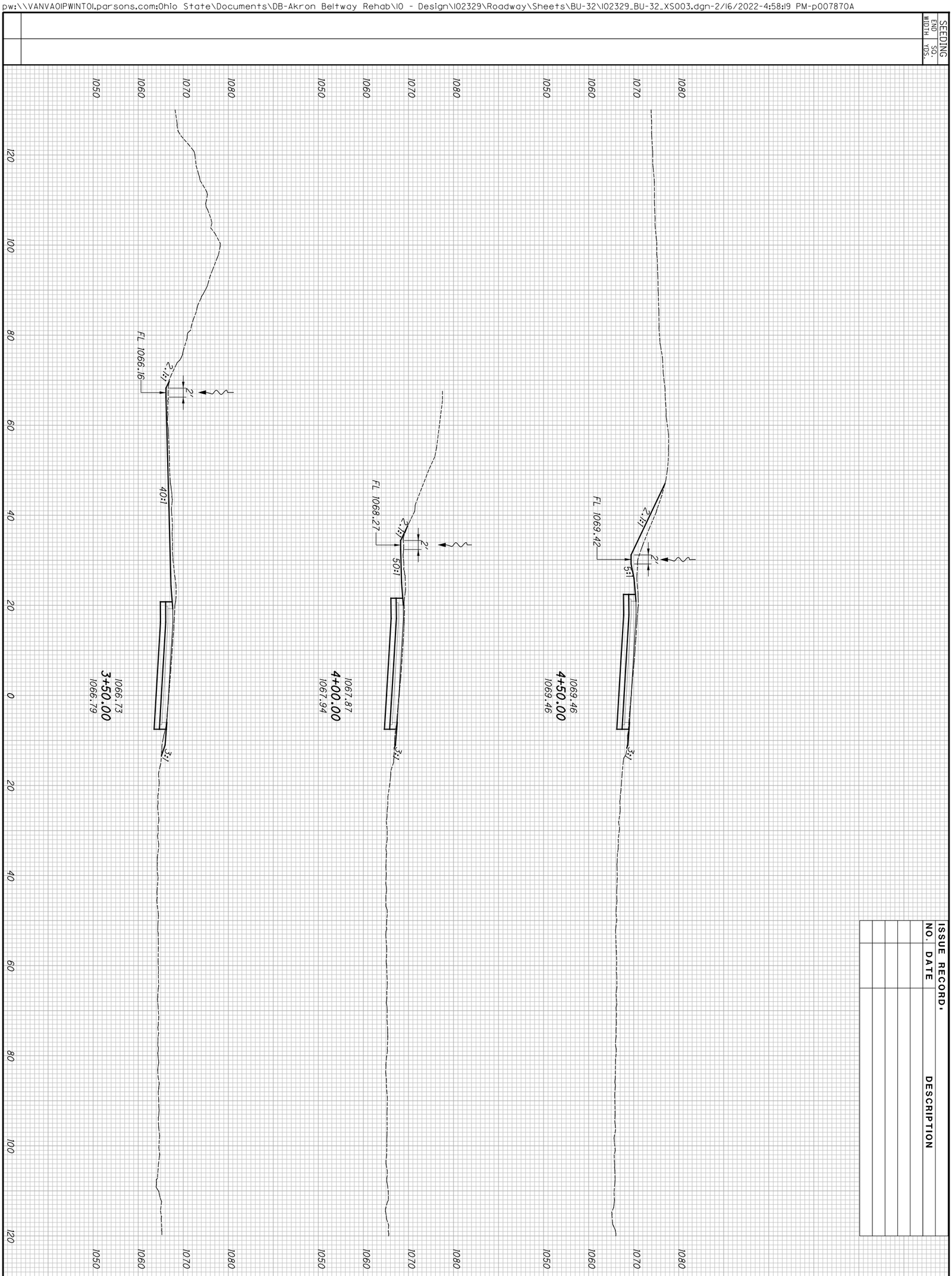
SUM-76/77/8-8.24/9.74/0.00

2026-03-24 - BU-32 - RECORD DRAWING PLANS

pw:\\VANYAOIPWINTOI.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Roadway\Sheets\BU-32\102329_BU-32_XS003.dgn-2/16/2022-4:58:8 PM-p007870A

pw:\\VANVA01PWINT01.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Roadway\Sheets\BU-32\102329_BU-32_XS003.dgn-2/16/2022-4:58:19 PM-p007870A

SEEDING
END WIDTH | SQ. YDS.



ISSUE RECORD.

NO.	DATE	DESCRIPTION

END AREA: CUT | FILL
VOLUME: CUT | FILL

2026-03-24 - BU-32 - RECORD DRAWING PLANS

117
188

SUM-76/77/8-
8.24/9.74/0.00

CROSS SECTIONS - RAMP J
STA. 3+50.00 TO STA. 4+50.00

CALCULATED JDD
CHECKED JFM

SEEDING	
END WIDTH	SQ. YDS.

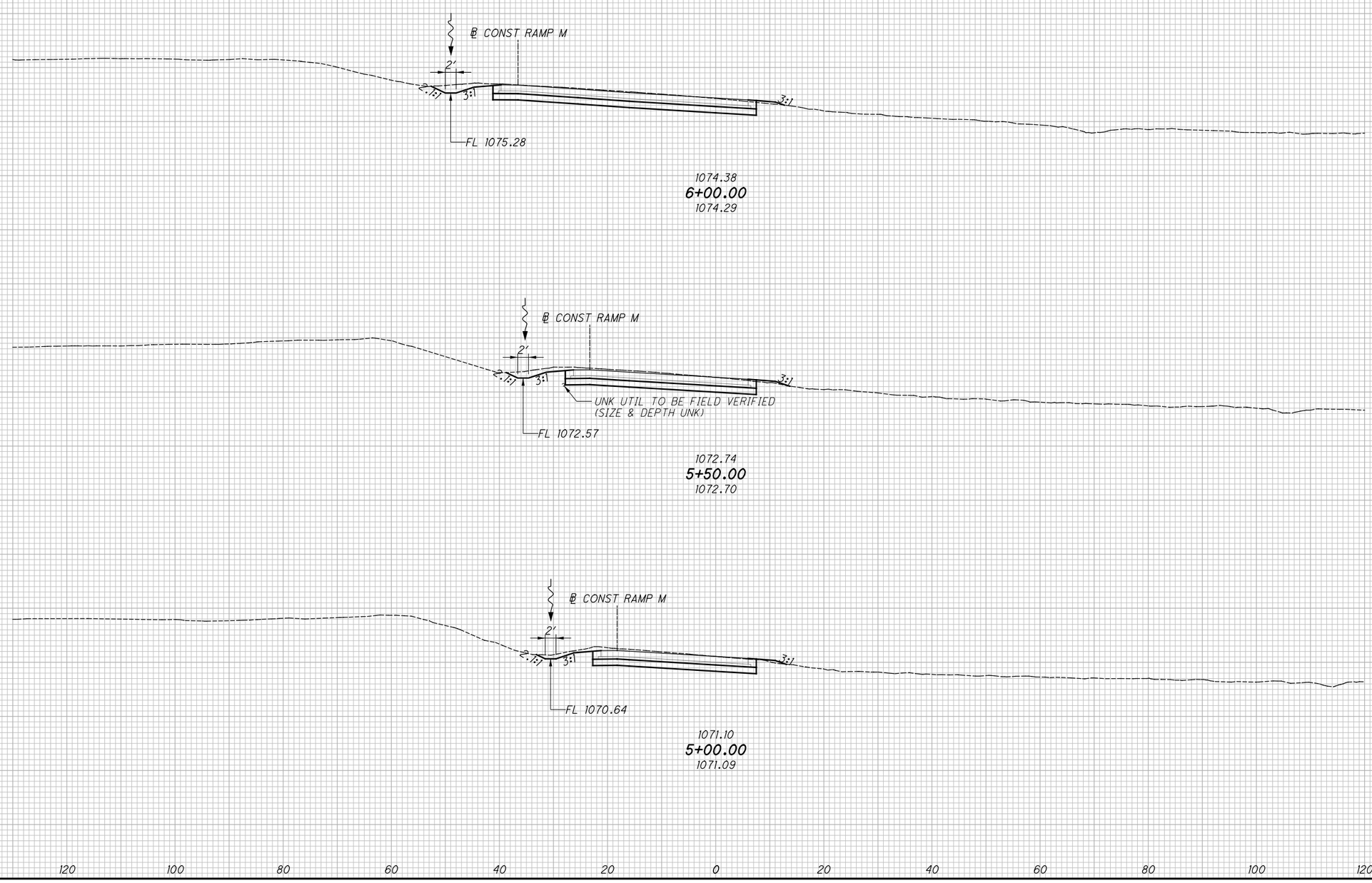
ISSUE RECORD:

NO.	DATE	DESCRIPTION

END AREA		VOLUME	
CUT	FILL	CUT	FILL

CALCULATED JDD

CHECKED JFM



CROSS SECTIONS - RAMP J

STA. 5+00.00 TO STA. 6+00.00

2026-03-24 - BU-32 - RECORD DRAWING PLANS

SUM-76/77/8-8.24/9.74/0.00

pw:\\VANVAOIPWINTOI.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Roadway\Sheets\BU-32\102329_BU-32_XS003.dgn-2/16/2022-4:58:20 PM-p007870A

SEEDING	
END WIDTH	SQ. YDS.

ISSUE RECORD:		
NO.	DATE	DESCRIPTION

END AREA		VOLUME	
CUT	FILL	CUT	FILL

CALCULATED JDD

CHECKED JFM

CROSS SECTIONS - RAMP J

STA. 6+50.00 TO STA. 7+50.00

SUM-76/77/8-8.24/9.74/0.00

2026-03-24 - BU-32 - RECORD DRAWING PLANS

pw:\\VANVAOIPWINTOI.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Roadway\Sheets\BU-32\102329_BU-32_XS003.dgn-2/16/2022-4:58:2|PM-p007870A

SEEDING	
END WIDTH	SQ. YDS.

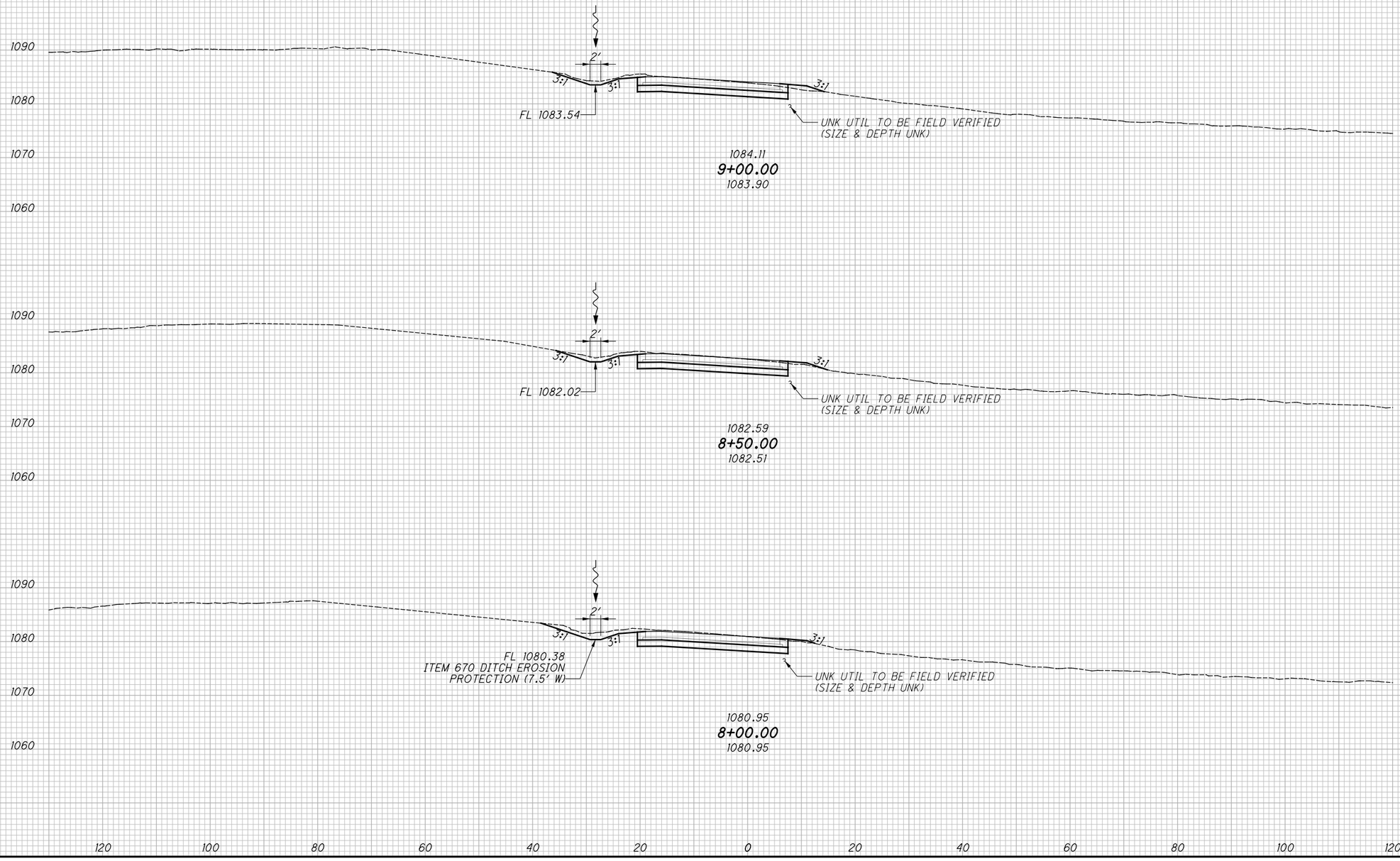
ISSUE RECORD:

NO.	DATE	DESCRIPTION

END AREA		VOLUME	
CUT	FILL	CUT	FILL

CALCULATED JDD

CHECKED JFM



CROSS SECTIONS - RAMP J
STA. 8+00.00 TO STA. 9+00.00

2026-03-24 - BU-32 - RECORD DRAWING PLANS

SUM-76/77/8-
8.24/9.74/0.00

pw:\\VANVAOIPWINTOI.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Roadway\Sheets\BU-32\102329_BU-32_XS003.dgn-2/16/2022-4:58:24 PM-p007870A

SEEDING	
END WIDTH	SQ. YDS.

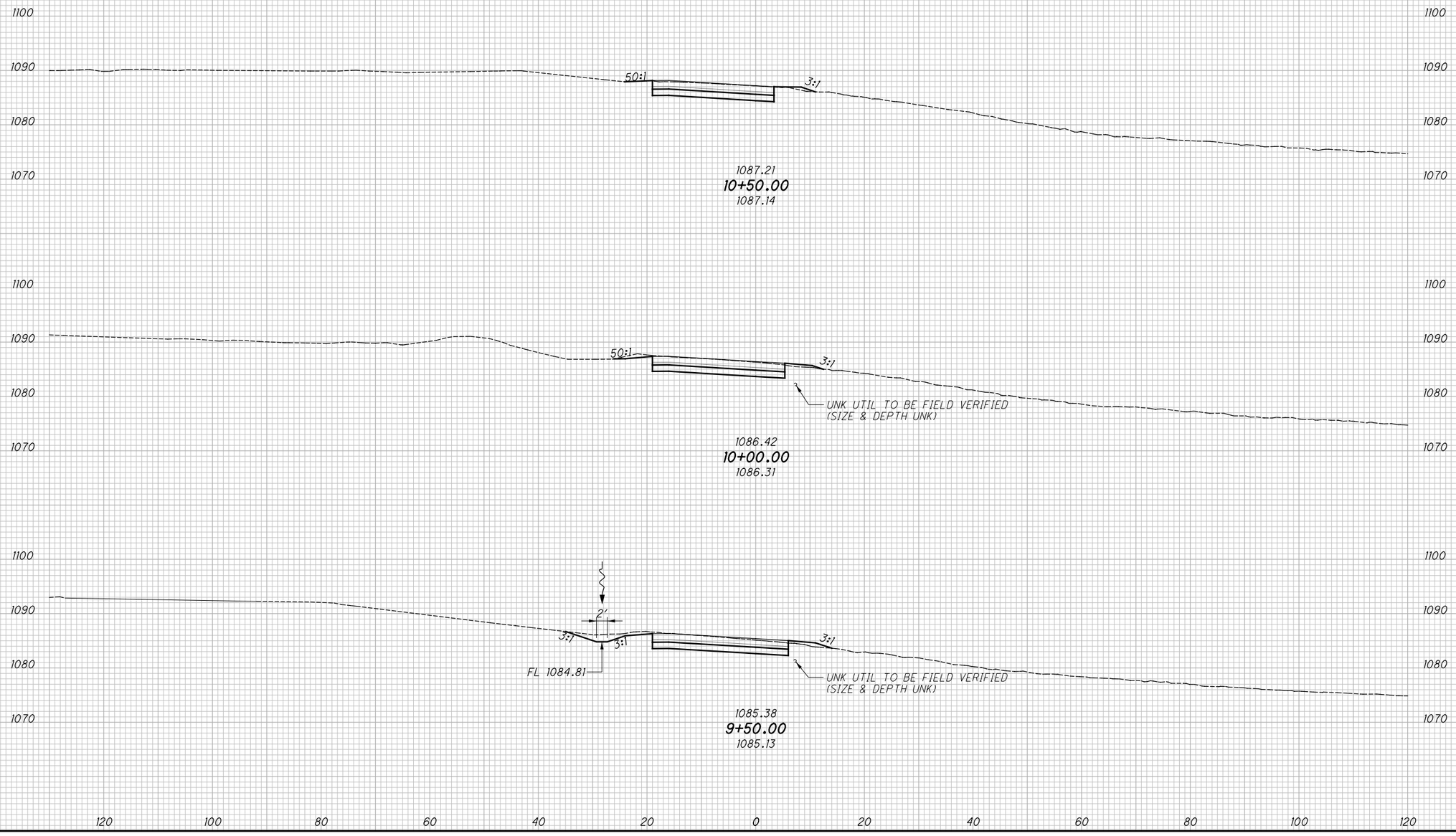
ISSUE RECORD:

NO.	DATE	DESCRIPTION

END AREA		VOLUME	
CUT	FILL	CUT	FILL

CALCULATED JDD

CHECKED JFM



CROSS SECTIONS - RAMP J
STA. 9+50.00 TO STA. 10+50.00

SUM-76/77/8-
8.24/9.74/0.00

121
188

2026-03-24 - BU-32 - RECORD DRAWING PLANS

plw:\\VANVA01PWINTOL.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\02329\Roadway\Sheets\BU-32\02329_BU-32_XS003.dgn-2/16/2022-4:58:25 PM-p007870A

SEEDING	
END WIDTH	SQ. YDS.

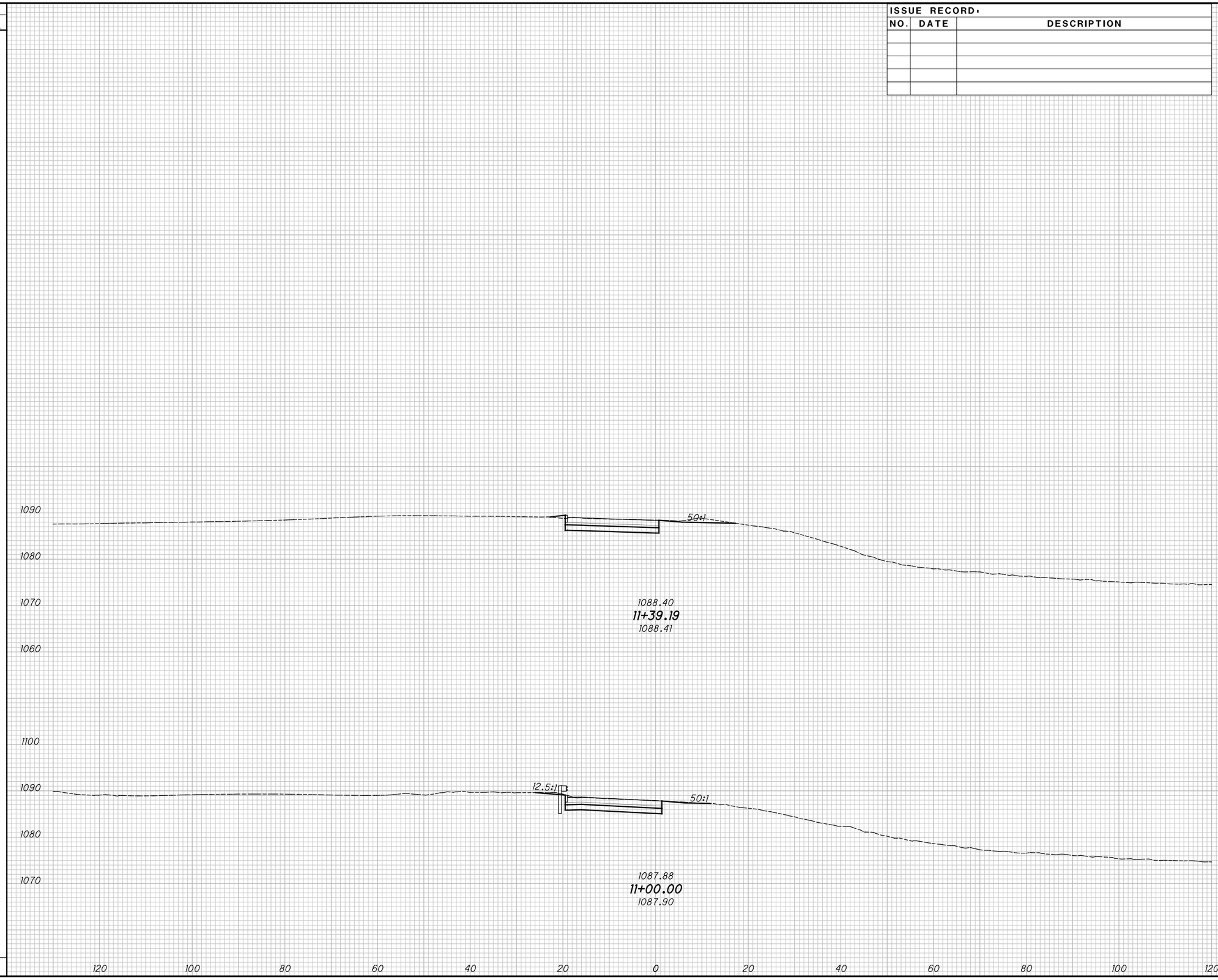
ISSUE RECORD:

NO.	DATE	DESCRIPTION

END AREA		VOLUME	
CUT	FILL	CUT	FILL

CALCULATED JDD

CHECKED JFM



CROSS SECTIONS - RAMP J

STA. 11+00.00 TO STA. 11+39.19

2026-03-24 - BU-32 - RECORD DRAWING PLANS

SUM-76/77/8-8.24/9.74/0.00

pw:\\VANVAOIPWINTOI.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Roadway\Sheets\BU-32\102329_BU-32_XS003.dgn-2/6/2022-4:58:26 PM-p007870A

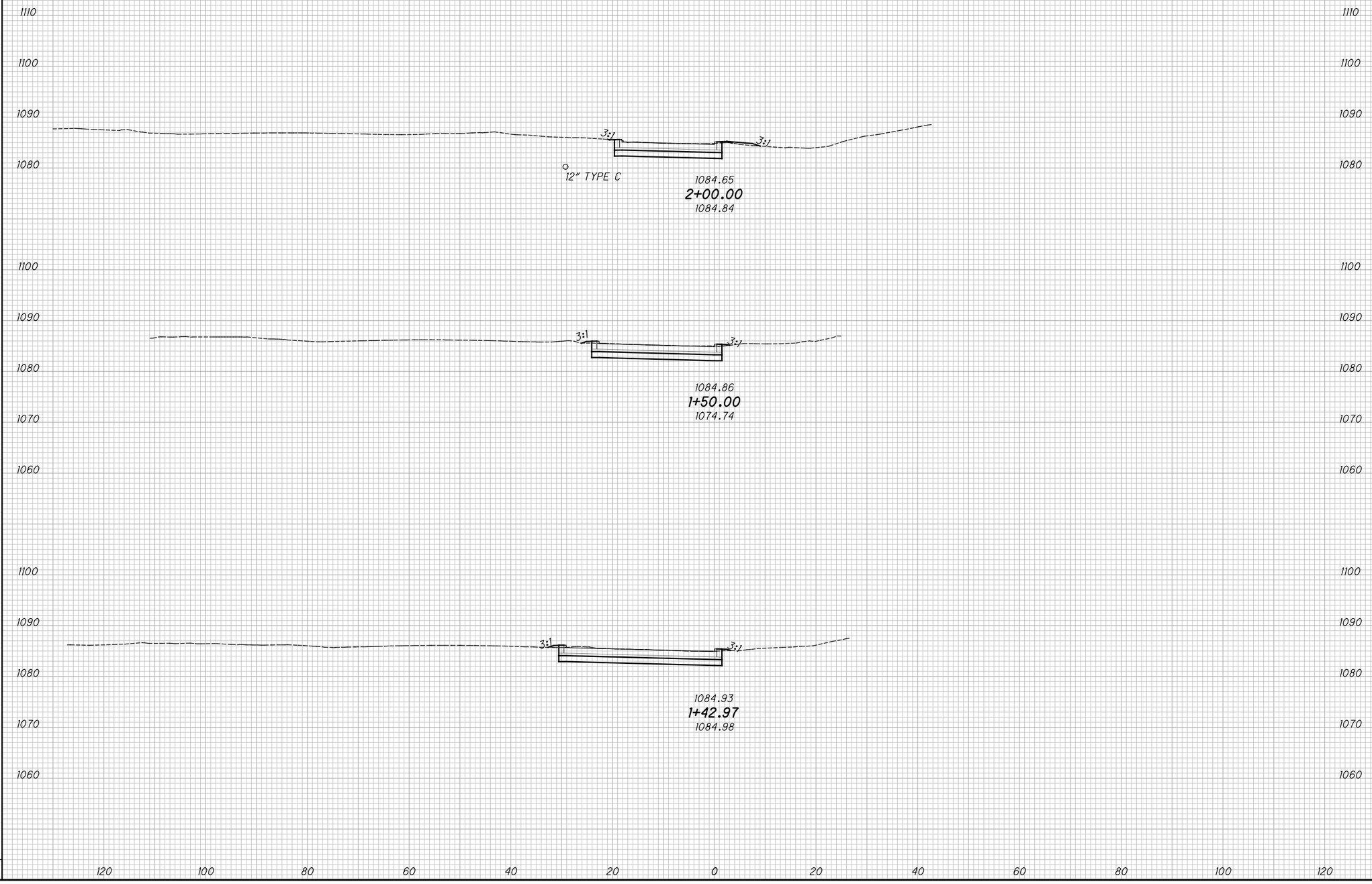
SEEDING	
END WIDTH	SQ. YDS.

ISSUE RECORD:		
NO.	DATE	DESCRIPTION

END AREA		VOLUME	
CUT	FILL	CUT	FILL

CALCULATED JDD

CHECKED JFM



CROSS SECTIONS - RAMP L

STA. 1+42.97 TO STA. 2+00.00

SUM-76/77/8-8.24/9.74/0.00

2026-03-24 - BU-32 - RECORD DRAWING PLANS

123
188

pw:\\VANVAOIPWINTOI.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Roadway\Sheets\BU-32\102329_BU-32_XS005.dgn-2/16/2022-4:58:33 PM-p007870A

SEEDING	
END WIDTH	SQ. YDS.

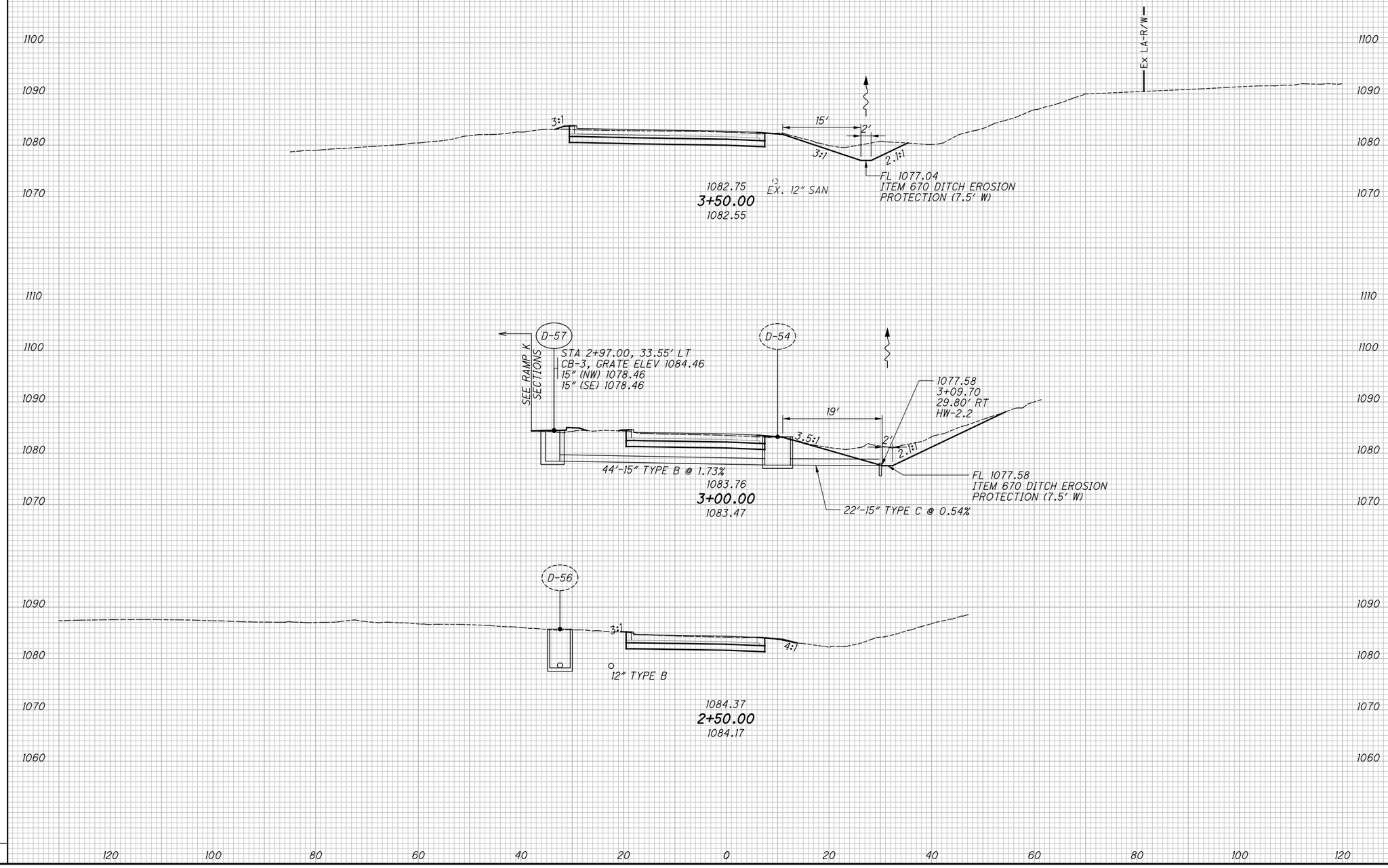
ISSUE RECORD:

NO.	DATE	DESCRIPTION

END AREA		VOLUME	
CUT	FILL	CUT	FILL

CALCULATED JDD

CHECKED JFM



CROSS SECTIONS - RAMP L
STA. 2+50.00 TO STA. 3+50.00

2026-03-24 - BU-32 - RECORD DRAWING PLANS

SUM-76/77/8-8.24/9.74/0.00

DW:\\VANVAOIPWINTOI.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Roadway\Sheets\BU-32\102329_BU-32_XS005.dgn-2/16/2022-4:58:34 PM-p007870A

SEEDING	
END WIDTH	SQ. YDS.

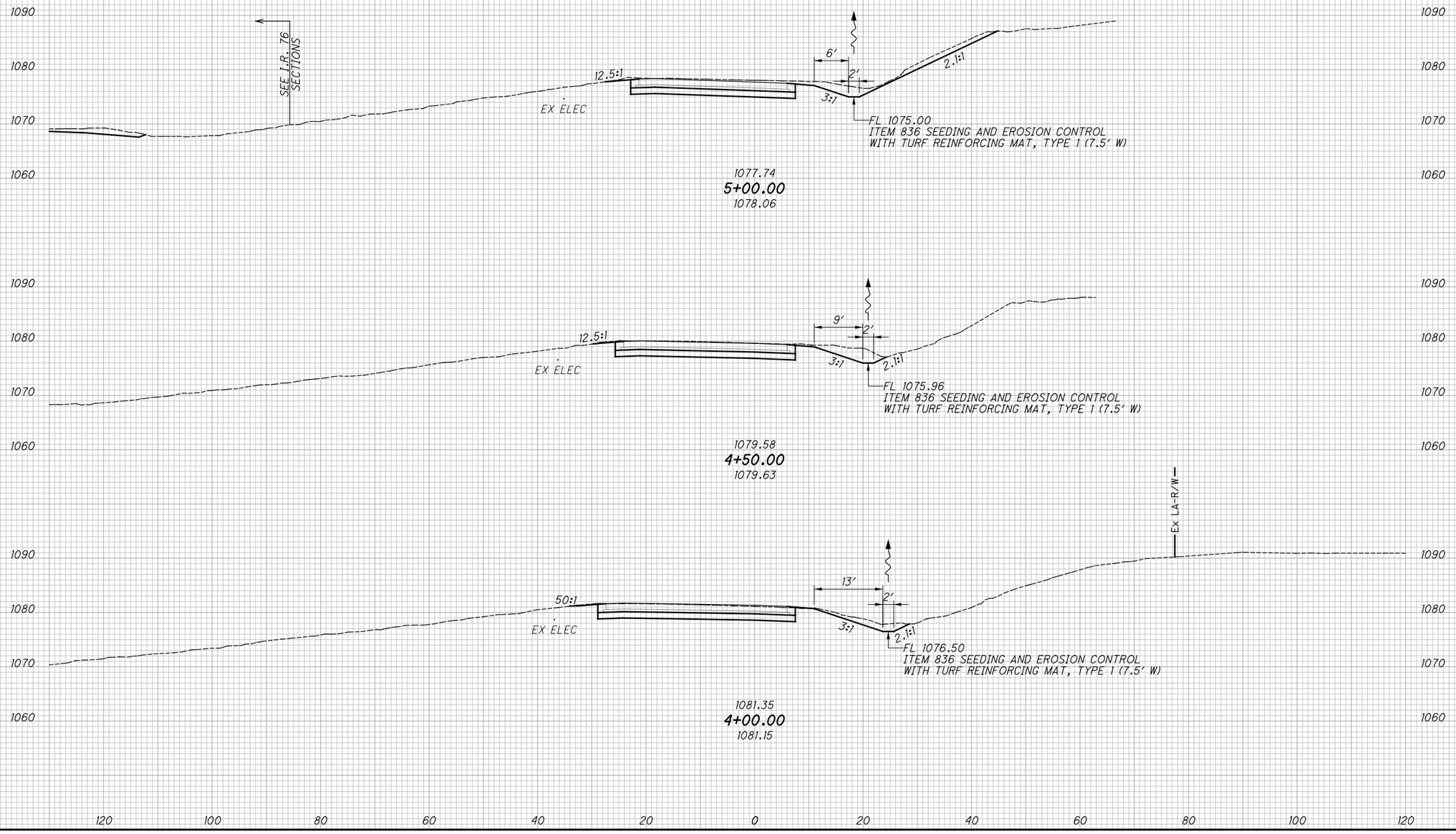
ISSUE RECORD:

NO.	DATE	DESCRIPTION

END AREA		VOLUME	
CUT	FILL	CUT	FILL

CALCULATED JDD

CHECKED JFM



CROSS SECTIONS - RAMP L
STA. 4+00.00 TO STA. 5+00.00

SUM-76/77/8-8.24/9.74/0.00

125
188

2026-03-24 - BU-32 - RECORD DRAWING PLANS

pw:\\VANVAOIPWINTOI.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Roadway\Sheets\BU-32\102329_BU-32_XS005.dgn-2/16/2022-4:58:37 PM-p007870A

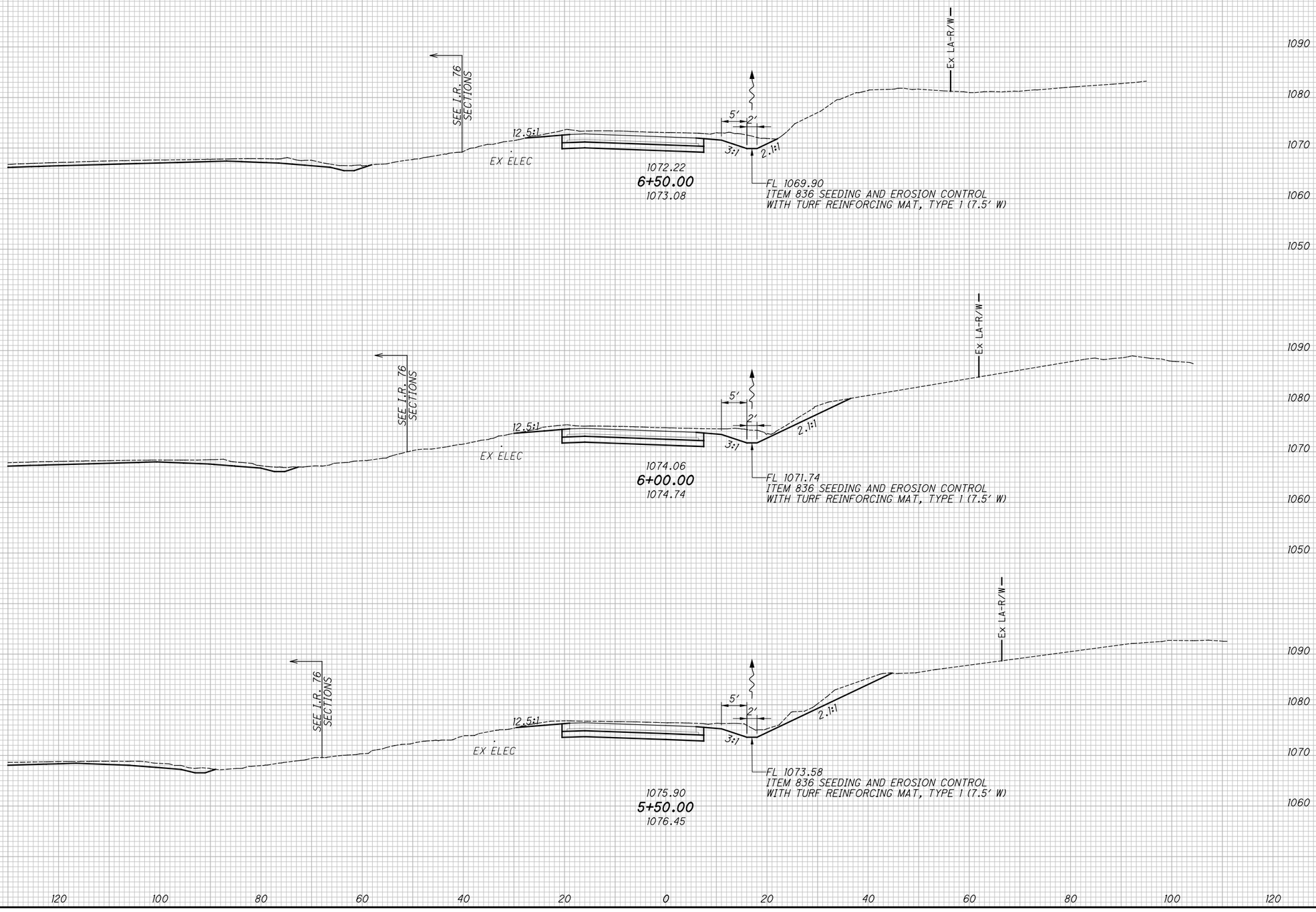
SEEDING	
END WIDTH	SQ. YDS.

ISSUE RECORD:

NO.	DATE	DESCRIPTION

END AREA		VOLUME	
CUT	FILL	CUT	FILL

CALCULATED JDD
CHECKED JFM



CROSS SECTIONS - RAMP L
STA. 5+50.00 TO STA. 6+50.00

SUM-76/77/8-8.24/9.74/0.00

2026-03-24 - BU-32 - RECORD DRAWING PLANS

pw:\\VANVAOIPWINTOI.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Roadway\Sheets\BU-32\102329_BU-32_XS005.dgn-2/16/2022-4:58:38 PM-p007870A

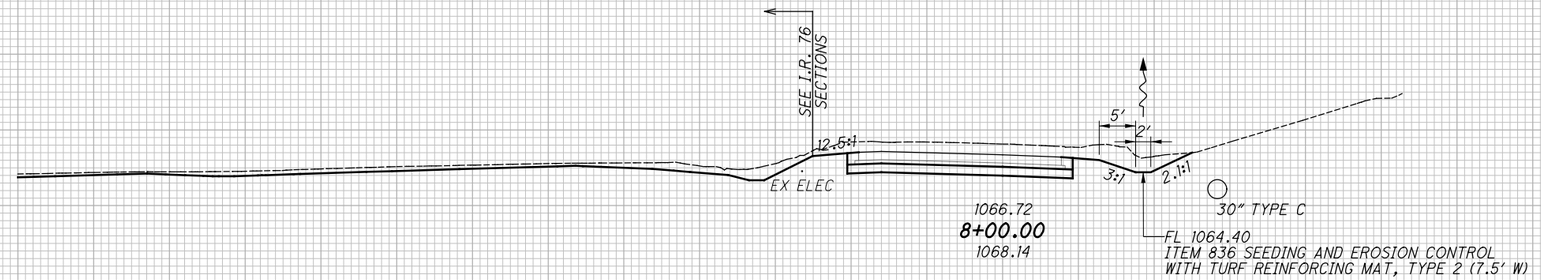
SEEDING	
END WIDTH	SQ. YDS.

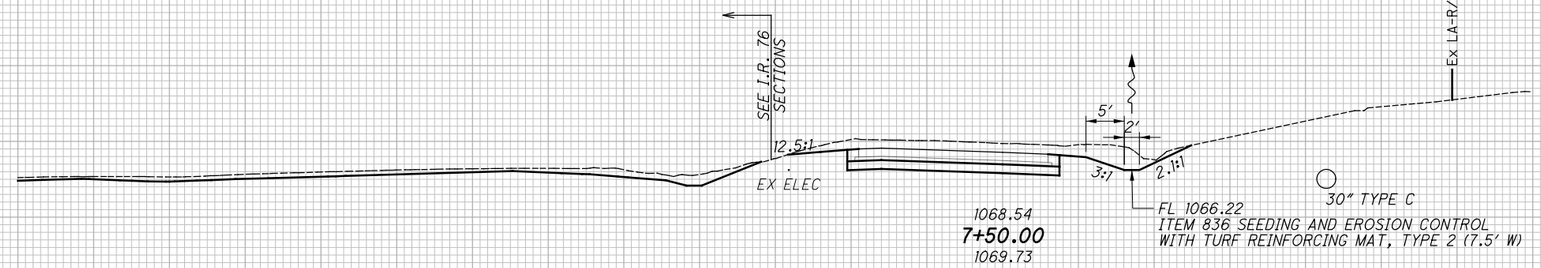
ISSUE RECORD:

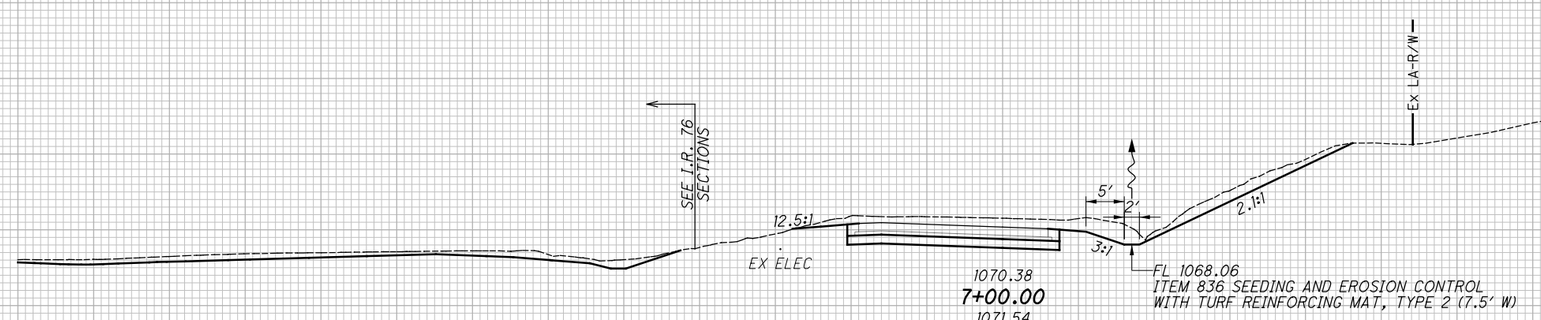
NO.	DATE	DESCRIPTION

END AREA		VOLUME	
CUT	FILL	CUT	FILL

CALCULATED JDD
CHECKED JFM







1090 1080 1070 1060 1050

120 100 80 60 40 20 0 20 40 60 80 100 120

CROSS SECTIONS - RAMP L
STA. 7+00.00 TO STA. 8+00.00

SUM-76/77/8-8.24/9.74/0.00

2026-03-24 - BU-32 - RECORD DRAWING PLANS

pw:\\VANVAOIPWINTOI.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Roadway\Sheets\BU-32\102329_BU-32_XS005.dgn-2/16/2022-4:58:39 PM-p007870A

SEEDING	
END WIDTH	SQ. YDS.

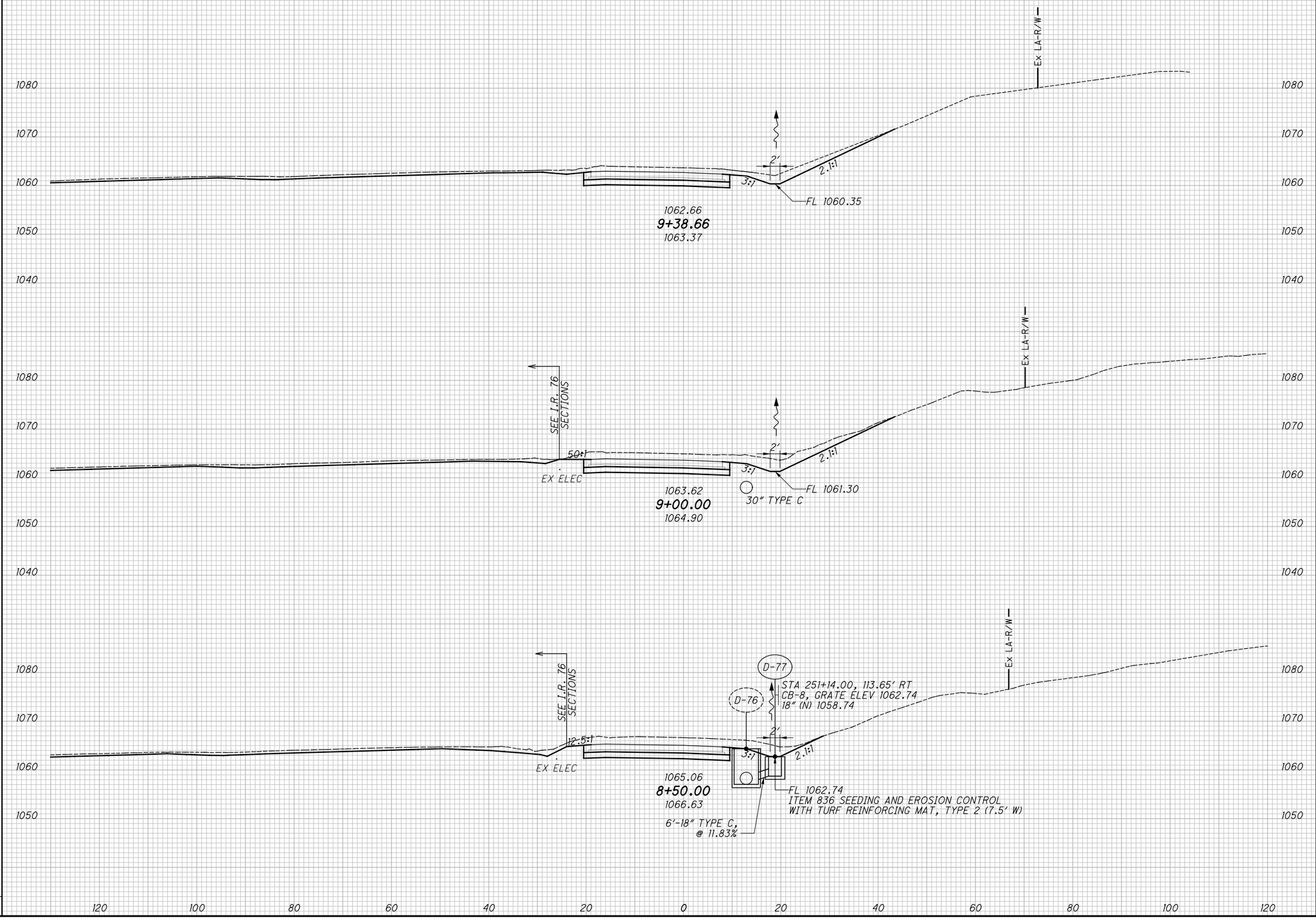
ISSUE RECORD:

NO.	DATE	DESCRIPTION

END AREA		VOLUME	
CUT	FILL	CUT	FILL

CALCULATED JDD

CHECKED JFM



CROSS SECTIONS - RAMP L
STA. 8+50.00 TO STA. 9+00.00

SUM-76/77/8-8.24/9.74/0.00

2026-03-24 - BU-32 - RECORD DRAWING PLANS

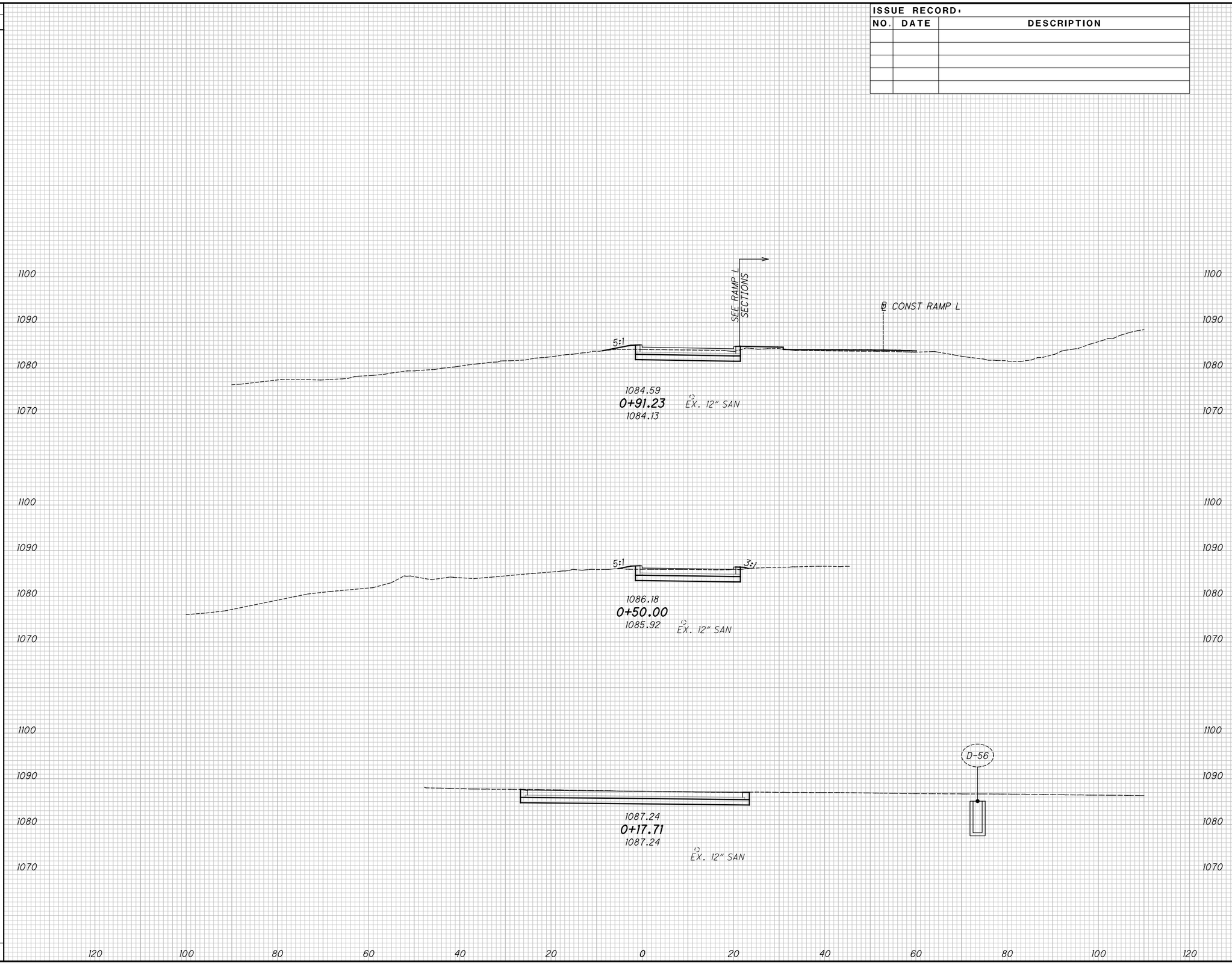
pw:\\VANVAOIPWINTOI.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Roadway\Sheets\BU-32\102329_BU-32_XS005.dgn-2/16/2022-4:58:42 PM-p007870A

SEEDING	
END WIDTH	SQ. YDS.

ISSUE RECORD:		
NO.	DATE	DESCRIPTION

END AREA		VOLUME	
CUT	FILL	CUT	FILL

CALCULATED JDD
CHECKED JFM



CROSS SECTIONS - RAMP K
STA. 0+17.71 TO STA. 0+91.23

SUM-76/77/8-8.24/9.74/0.00

2026-03-24 - BU-32 - RECORD DRAWING PLANS

DW:\\VANWA01PWINT01.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Roadway\Sheets\BU-32\102329_BU-32_XS004.dgn-2/16/2022-4:58:51PM-p0078701

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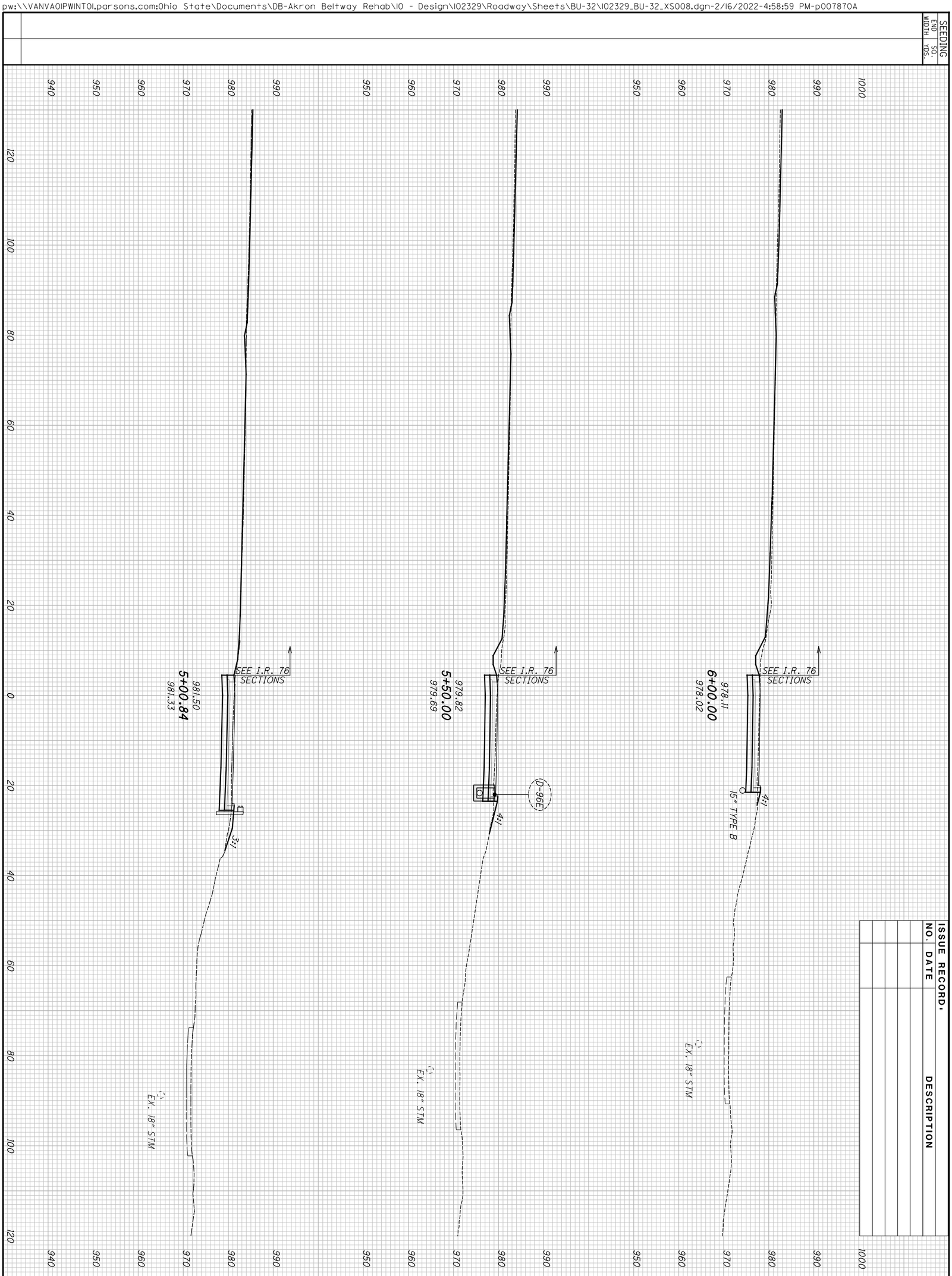


ISSUE RECORD.

NO.	DATE	DESCRIPTION

END AREA CUT FILL VOLUME CUT FILL

2026-03-24 - BU-32 - RECORD DRAWING PLANS

130
188

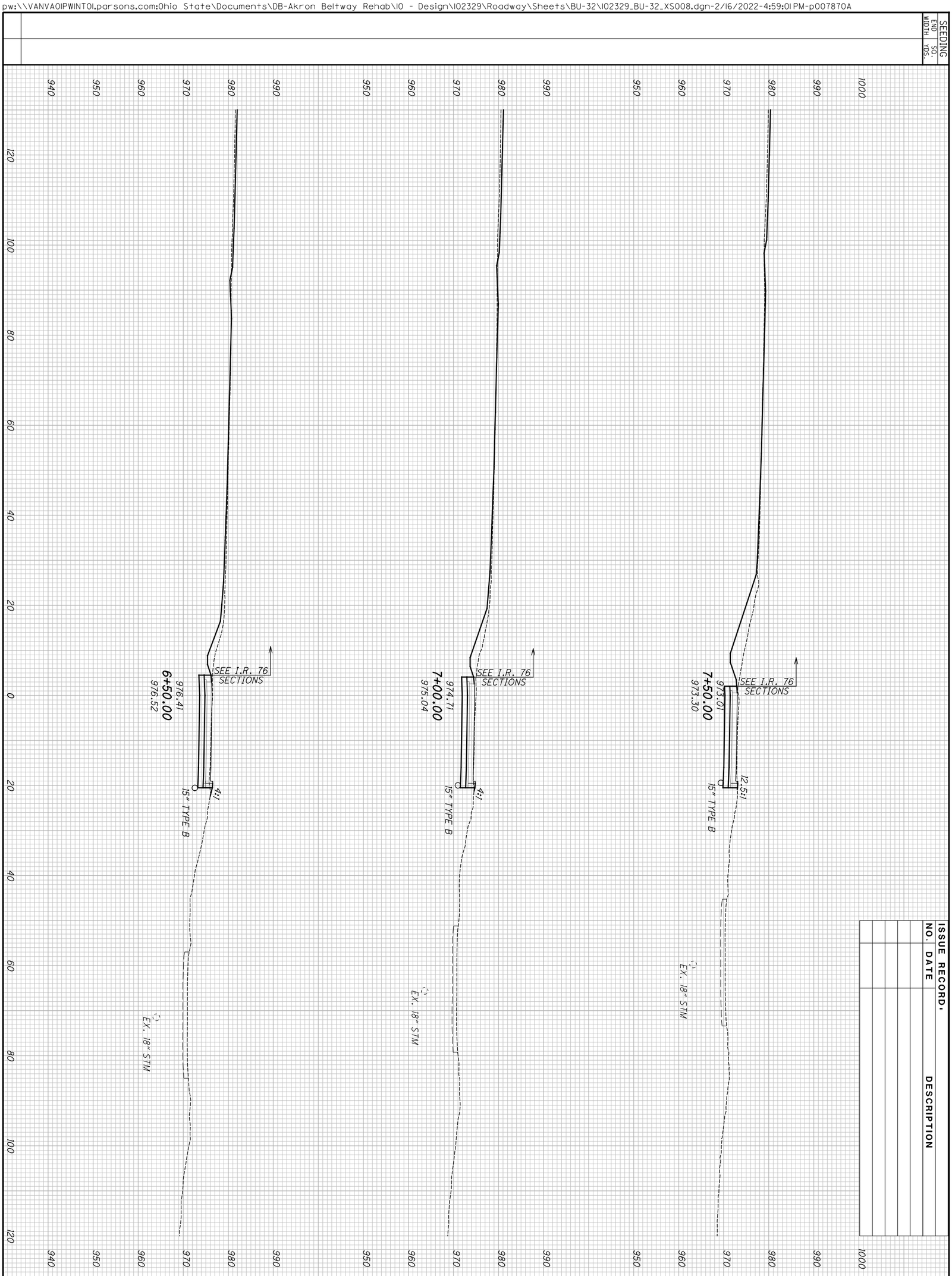
SUM-76/77/8-
8.24/9.74/0.00

CROSS SECTIONS - RAMP G
STA. 5+00.84 TO STA. 6+00.00

CALCULATED JDD
CHECKED JFM

pw:\\VANVA01PWINT01.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Roadway\Sheets\BU-32\102329_BU-32_XS008.dgn-2/16/2022-4:59:01 PM-p007870A

SEEDING
END WIDTH | SQ. YDS.



ISSUE RECORD.

NO.	DATE	DESCRIPTION

END AREA: CUT | FILL
VOLUME: CUT | FILL

2026-03-24 - BU-32 - RECORD DRAWING PLANS

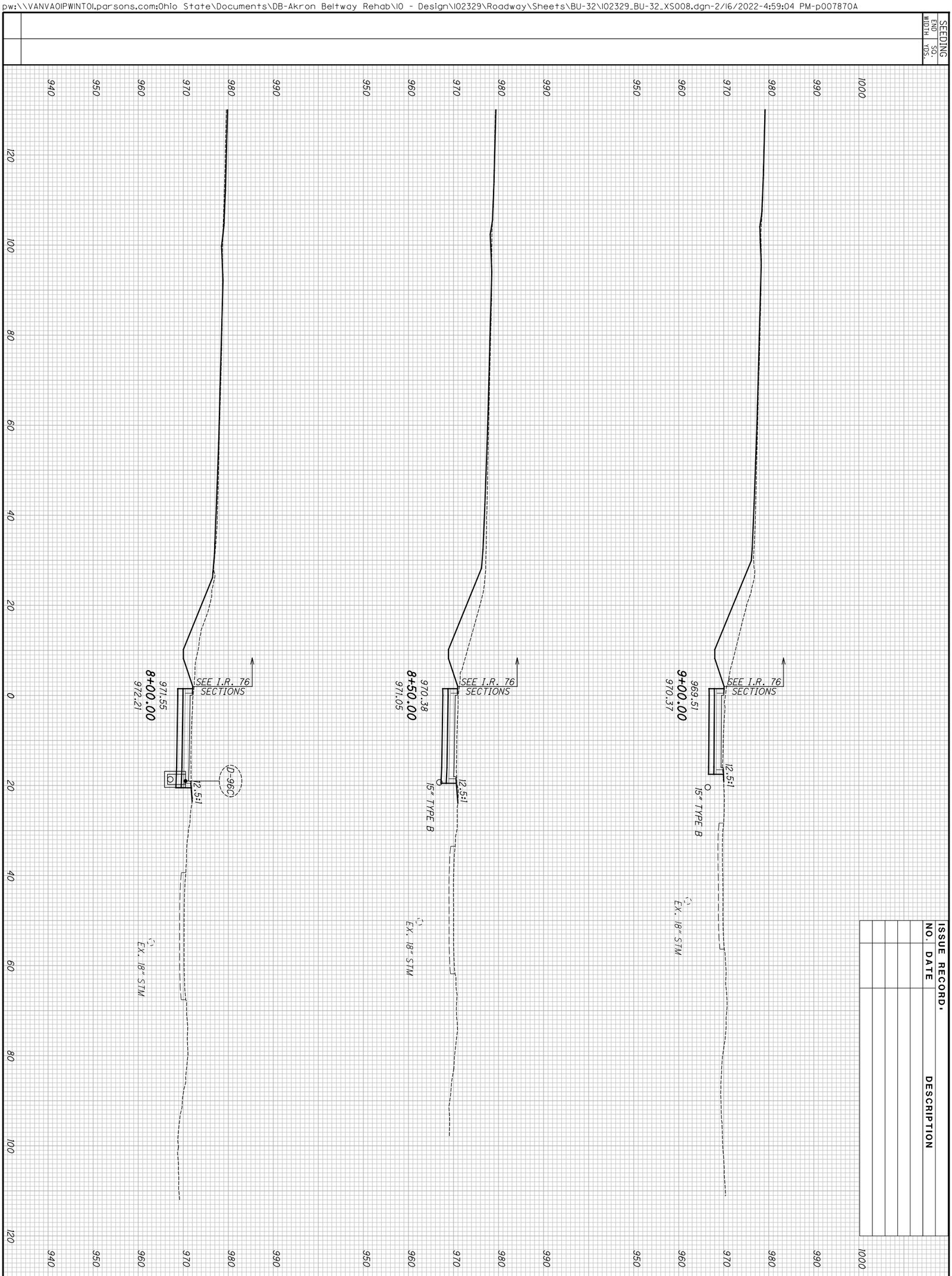
131
188

SUM-76/77/8-
8.24/9.74/0.00

CROSS SECTIONS - RAMP G
STA. 6+50.00 TO STA. 7+50.00

CALCULATED JDD
CHECKED JFM

pw:\\VANVA01PWINT01.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Roadway\Sheets\BU-32\102329_BU-32_XS008.dgn-2/16/2022-4:59:04 PM-p007870A



ISSUE RECORD.

NO.	DATE	DESCRIPTION

END AREA CUT FILL VOLUME CUT FILL

2026-03-24 - BU-32 - RECORD DRAWING PLANS

132 / 188	SUM-76/77/8- 8.24/9.74/0.00	CROSS SECTIONS - RAMP G STA. 8+00.00 TO STA. 9+00.00

CALCULATED JDD
CHECKED JFM

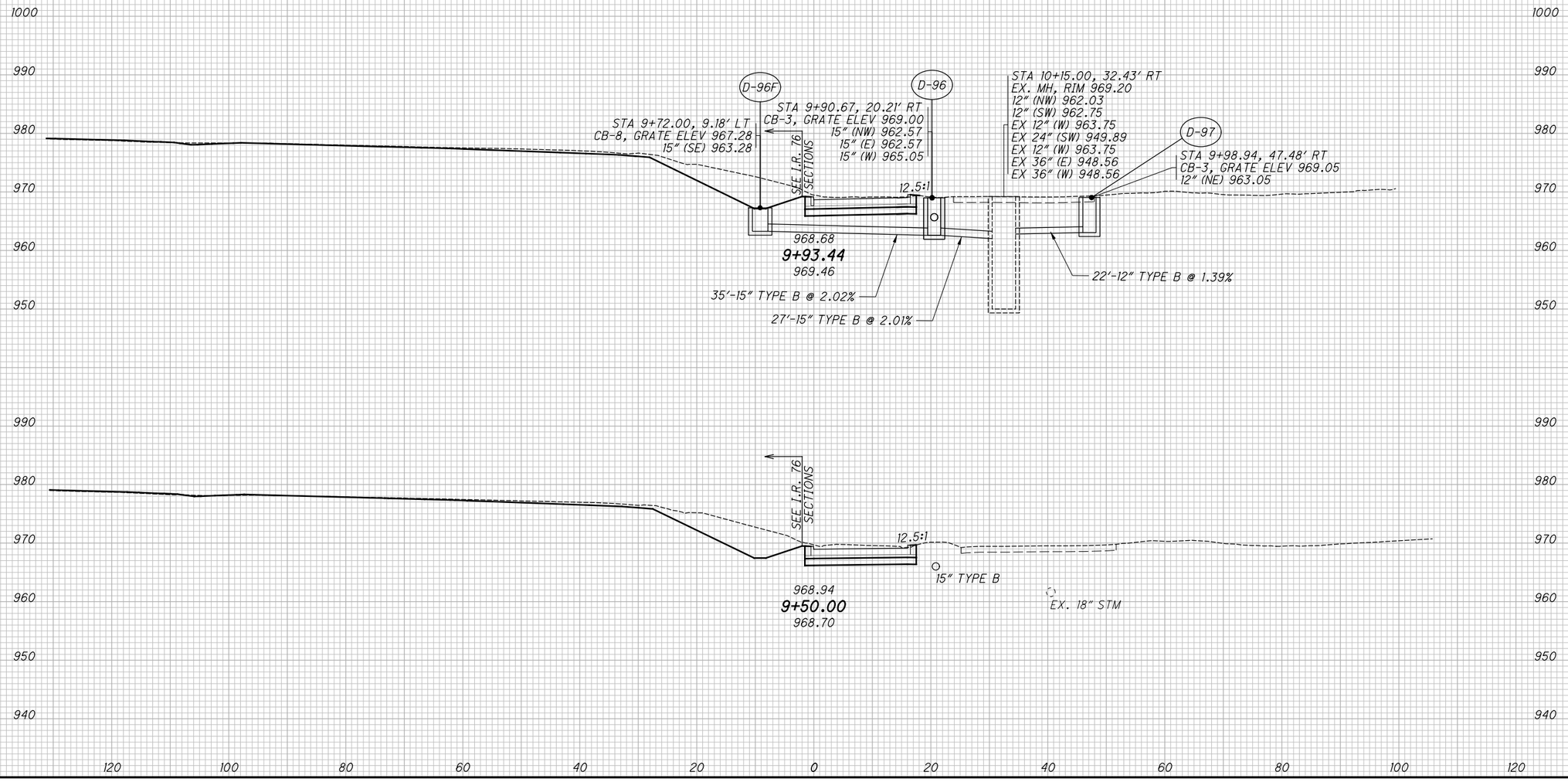
SEEDING	
END WIDTH	SQ. YDS.

ISSUE RECORD:

NO.	DATE	DESCRIPTION

END AREA		VOLUME	
CUT	FILL	CUT	FILL

CALCULATED JDD
CHECKED JFM



CROSS SECTIONS - RAMP G
STA. 9+50.00 TO STA. 9+93.44

SUM-76/77/8-8.24/9.74/0.00

2026-03-24 - BU-32 - RECORD DRAWING PLANS

pw:\\VANVAOIPWINTOI.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\02329\Roadway\Sheets\BU-32\02329_BU-32_XS008.dgn-2/16/2022-4:59:07 PM-p007870A

SEEDING	
END WIDTH	SQ. YDS.

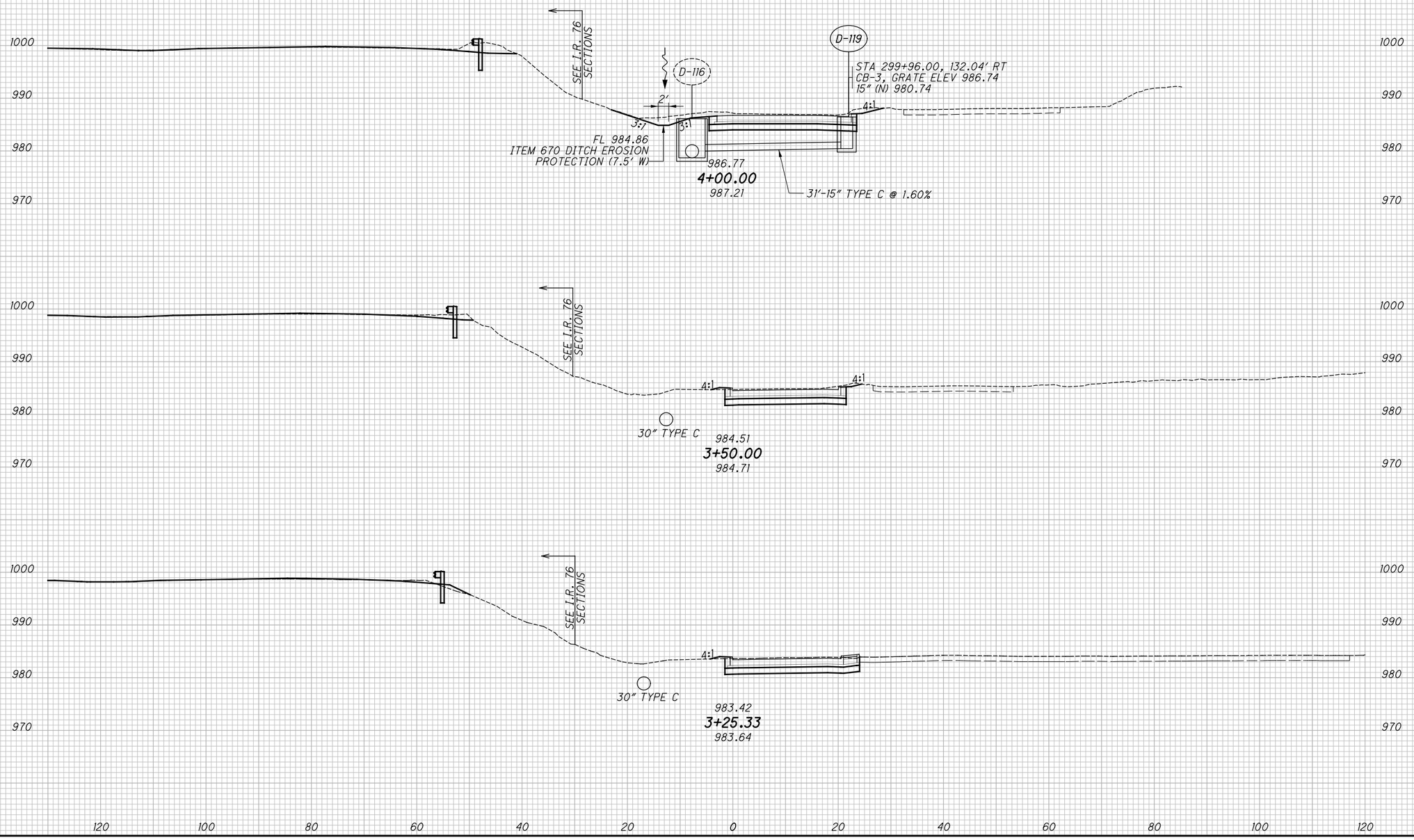
ISSUE RECORD:

NO.	DATE	DESCRIPTION

END AREA		VOLUME	
CUT	FILL	CUT	FILL

CALCULATED JDD

CHECKED JFM



CROSS SECTIONS - RAMP W11

STA. 3+25.33 TO STA. 4+00.00

2026-03-24 - BU-32 - RECORD DRAWING PLANS

SUM-76/77/8-8.24/9.74/0.00

pw:\\VANVAOIPWINTOI.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Roadway\Sheets\BU-32\102329_BU-32_XS007.dgn-2/16/2022-4:59:16 PM-p007870A

SEEDING	
END WIDTH	SQ. YDS.

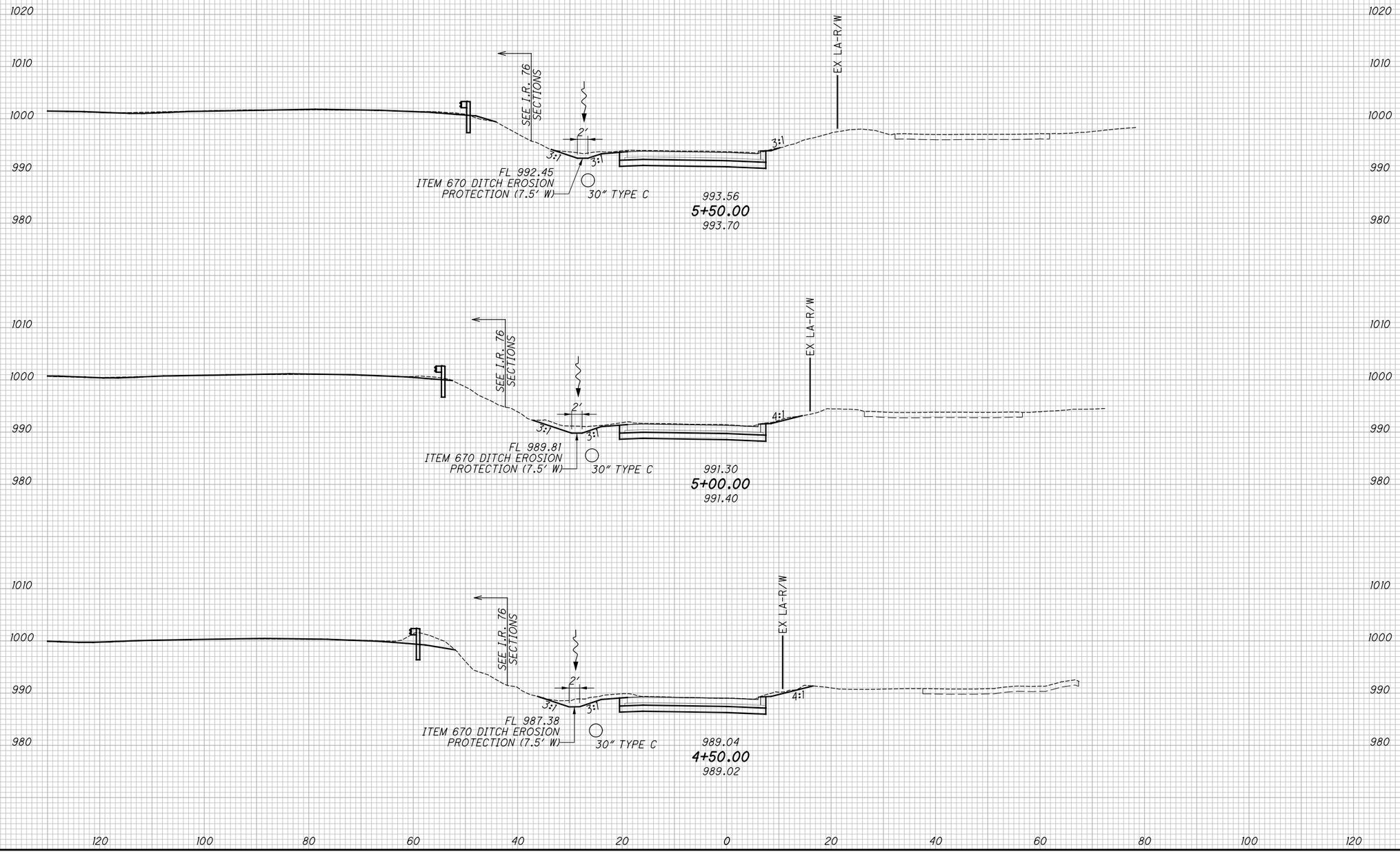
ISSUE RECORD:

NO.	DATE	DESCRIPTION

END AREA		VOLUME	
CUT	FILL	CUT	FILL

CALCULATED JDD

CHECKED JFM



CROSS SECTIONS - RAMP W11

STA. 4+50.00 TO STA. 5+50.00

2026-03-24 - BU-32 - RECORD DRAWING PLANS

SUM-76/77/8-8.24/9.74/0.00

pw:\\VANVA01PWINT01.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Roadway\Sheets\BU-32\102329_BU-32_XS007.dgn-2/16/2022-4:59:9 PM-p007870A

pw:\\VANVAOIPWINTOI.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Roadway\Sheets\BU-32\102329_BU-32_XS007.dgn-2/16/2022-4:59:22 PM-p007870A

SEEDING	
END WIDTH	SQ. YDS.

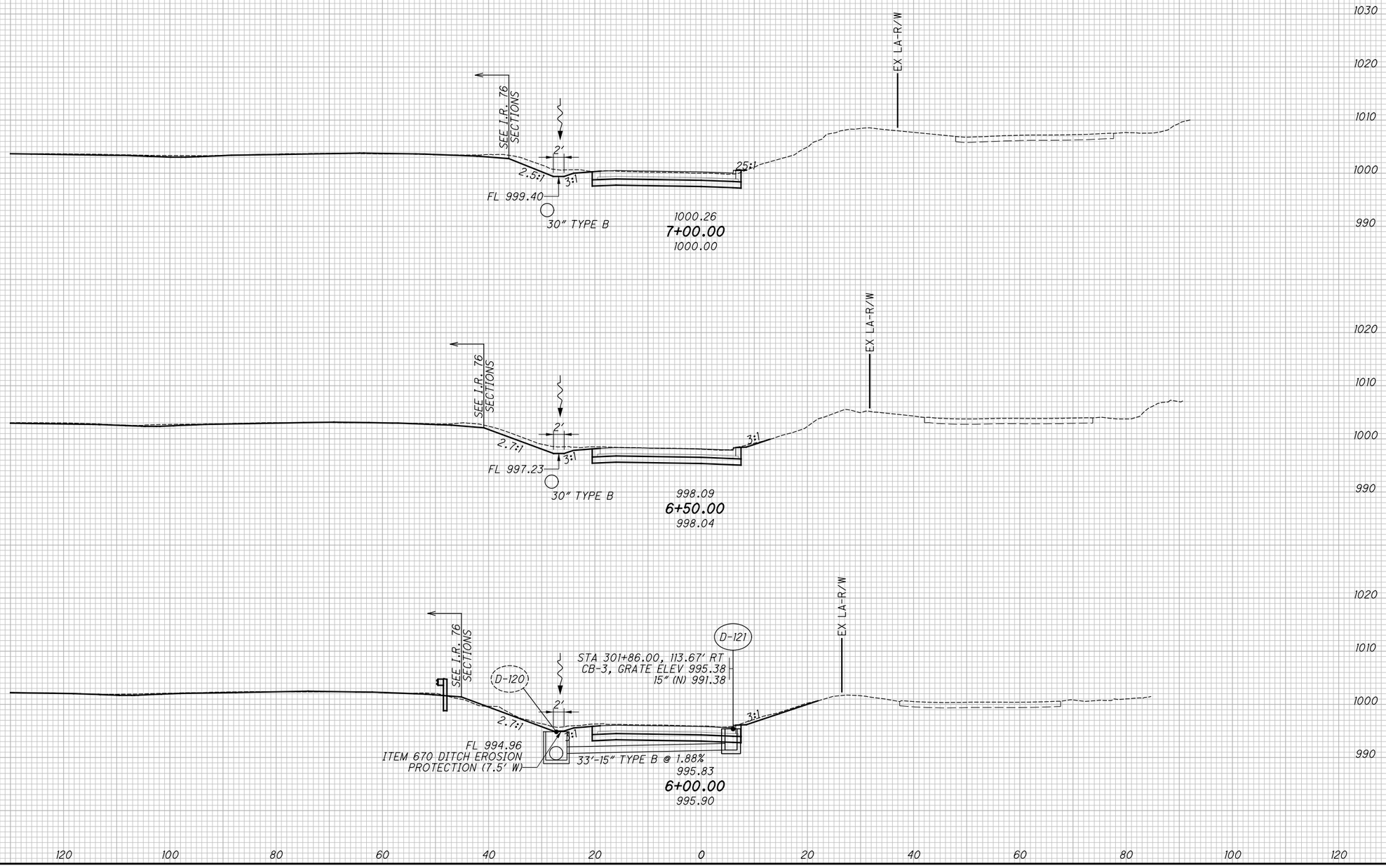
ISSUE RECORD:

NO.	DATE	DESCRIPTION

END AREA		VOLUME	
CUT	FILL	CUT	FILL

CALCULATED JDD

CHECKED JFM



CROSS SECTIONS - RAMP W11

STA. 6+00.00 TO STA. 7+00.00

2026-03-24 - BU-32 - RECORD DRAWING PLANS

SUM-76/77/8-8.24/9.74/0.00

pw:\\VANVA01PWINT01.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Roadway\Sheets\BU-32\102329_BU-32_XS007.dgn-2/16/2022-4:59:26 PM-p007870A

SEEDING
END WIDTH | SQ. YDS.

990 1000 1010 1020 1030 1040

120 100 80 60 40 20 0 20 40 60 80 100 120

FL 1001.80
30" TYPE B
SEE I.R. 76 SECTIONS
3:1
2.5:1
25'
1002.07
7+50.00
1001.63
EX LA-R/W

30" TYPE B
SEE I.R. 76 SECTIONS
2.5:1
25'
1003.49
8+00.00
1003.00
EX LA-R/W

SEE I.R. 76 SECTIONS
25'
1004.27
8+35.59
1003.74
EX LA-R/W

ISSUE RECORD.

NO.	DATE	DESCRIPTION

END AREA
CUT | FILL

VOLUME
CUT | FILL

2026-03-24 - BU-32 - RECORD DRAWING PLANS

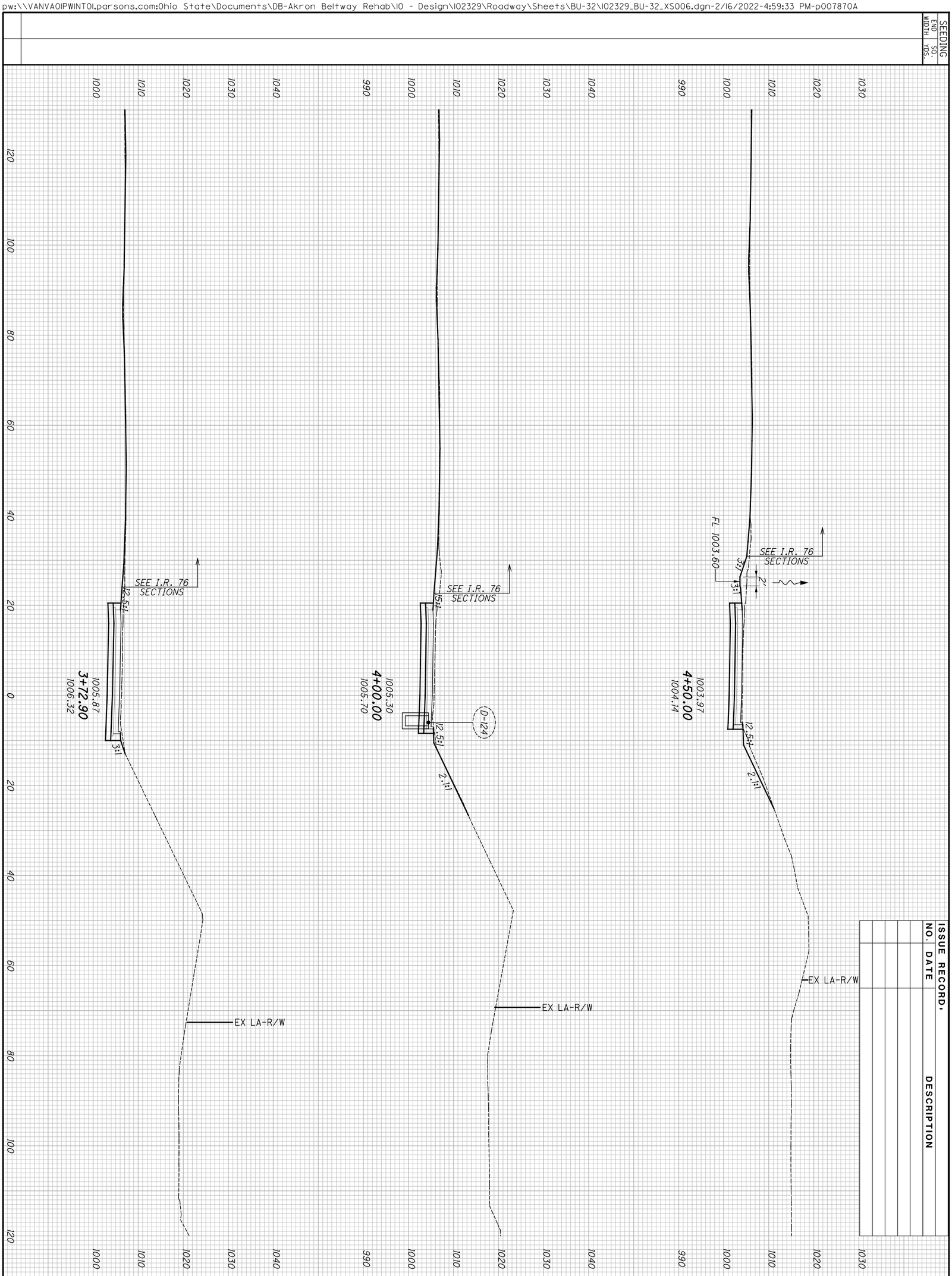
137
188

SUM-76/77/8-
8.24/9.74/0.00

CROSS SECTIONS - RAMP W11
STA. 7+50.00 TO STA. 8+35.59

CALCULATED JDD
CHECKED JFM

pw:\\VANVA01PWINT01.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Roadway\Sheets\BU-32\102329_BU-32_XS006.dgn-2/16/2022-4:59:33 PM-p007870A



2026-03-24 - BU-32 - RECORD DRAWING PLANS

138
188

SUM-76/77/8-
8.24/9.74/0.00

CROSS SECTIONS - RAMP W10
STA. 3+72.90 TO STA. 4+50.00

CALCULATED JDD
CHECKED JFM

SEEDING	
END WIDTH	SQ. YDS.

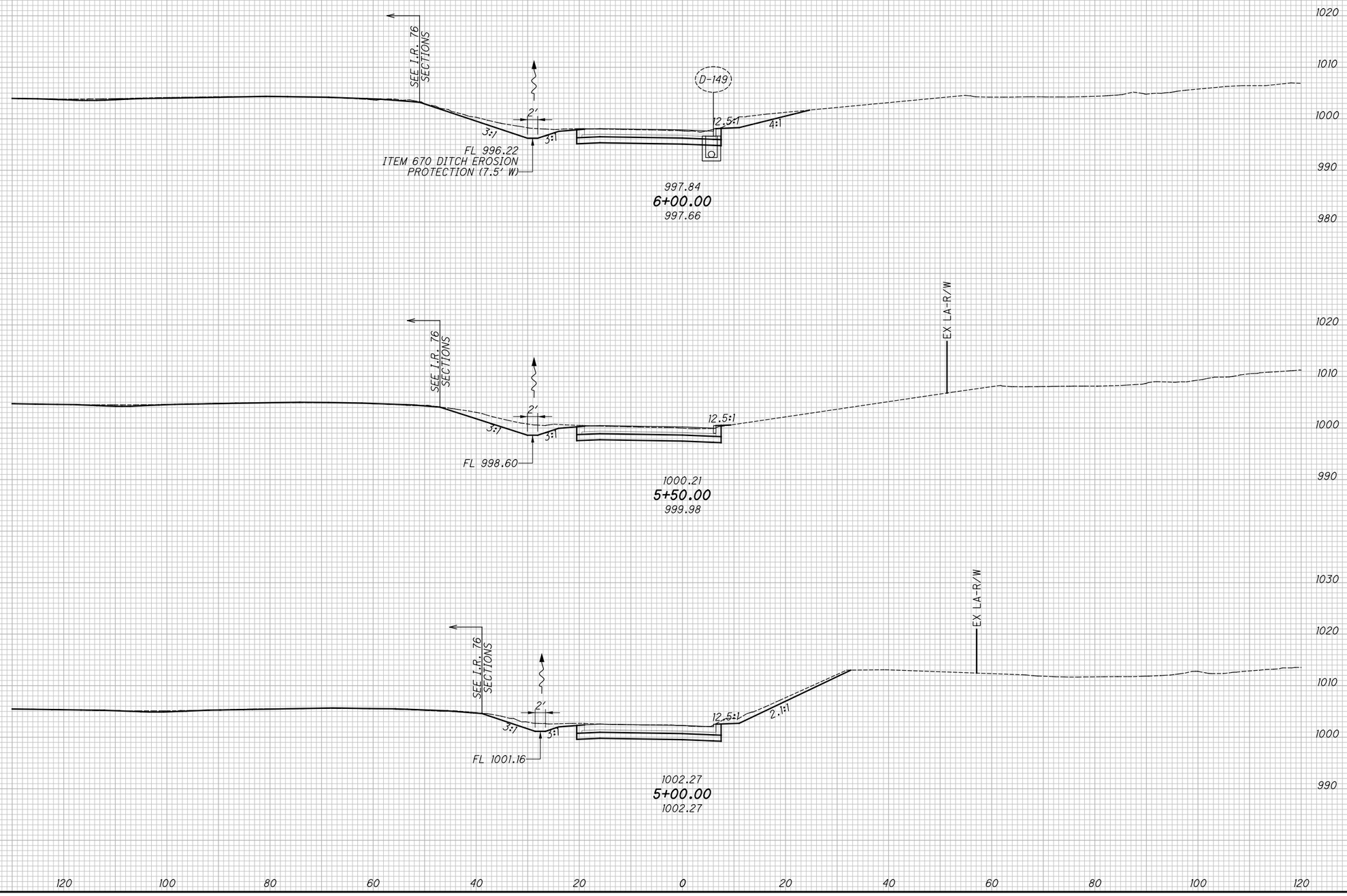
ISSUE RECORD:

NO.	DATE	DESCRIPTION

END AREA		VOLUME	
CUT	FILL	CUT	FILL

CALCULATED JDD

CHECKED JFM



CROSS SECTIONS - RAMP W10

STA. 5+00.00 TO STA. 6+00.00

SUM-76/77/8-8.24/9.74/0.00

2026-03-24 - BU-32 - RECORD DRAWING PLANS

pw:\\VANVAOIPWINTOI.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Roadway\Sheets\BU-32\102329_BU-32_XS006.dgn-2/16/2022-4:59:35 PM-p007870A

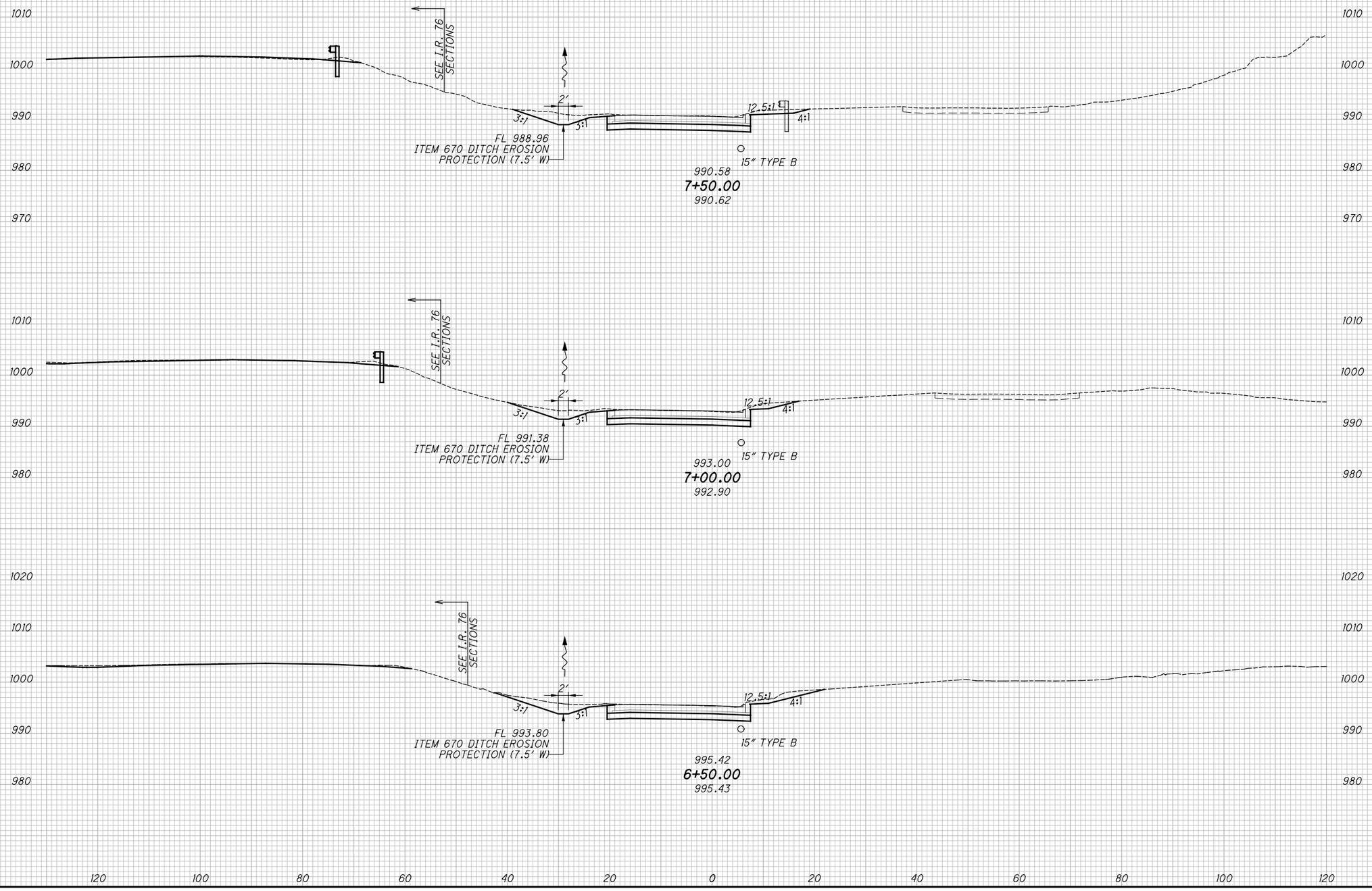
SEEDING	
END WIDTH	SQ. YDS.

ISSUE RECORD:

NO.	DATE	DESCRIPTION

END AREA		VOLUME	
CUT	FILL	CUT	FILL

CALCULATED JDD | CHECKED JFM



CROSS SECTIONS - RAMP W10

STA. 6+50.00 TO STA. 7+50.00

SUM-76/77/8-8.24/9.74/0.00

2026-03-24 - BU-32 - RECORD DRAWING PLANS

pw:\\VANVAOIPWINTOI.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Roadway\Sheets\BU-32\102329_BU-32_XS006.dgn-2/16/2022-4:59:36 PM-p007870A

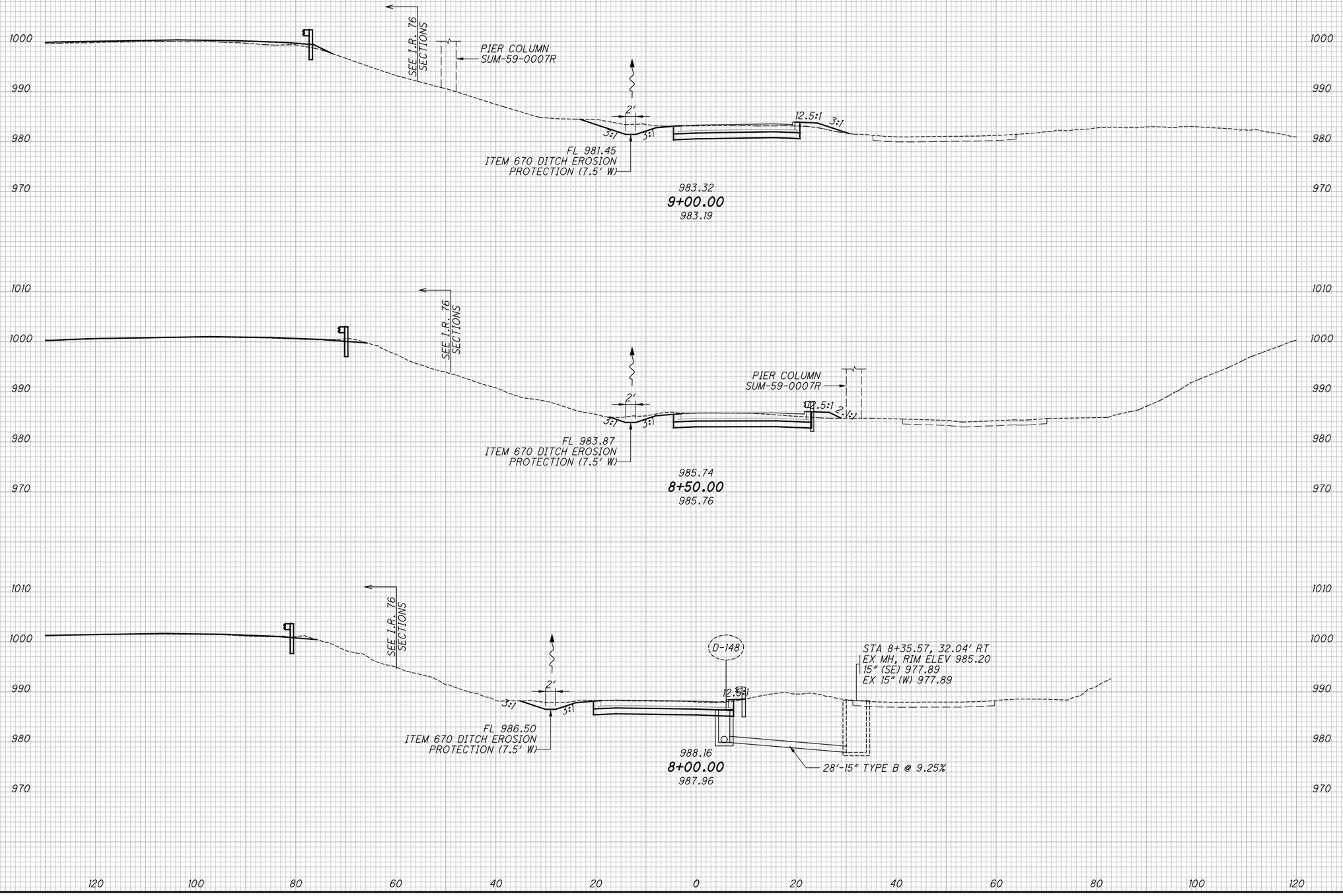
SEEDING	
END WIDTH	SQ. YDS.

ISSUE RECORD:

NO.	DATE	DESCRIPTION

END AREA		VOLUME	
CUT	FILL	CUT	FILL

CALCULATED JDD | CHECKED JFM



CROSS SECTIONS - RAMP W10

STA. 8+00.00 TO STA. 9+00.00

2026-03-24 - BU-32 - RECORD DRAWING PLANS

SUM-76/77/8-8.24/9.74/0.00

141
188

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SEEDING	
END WIDTH	SQ. YDS.

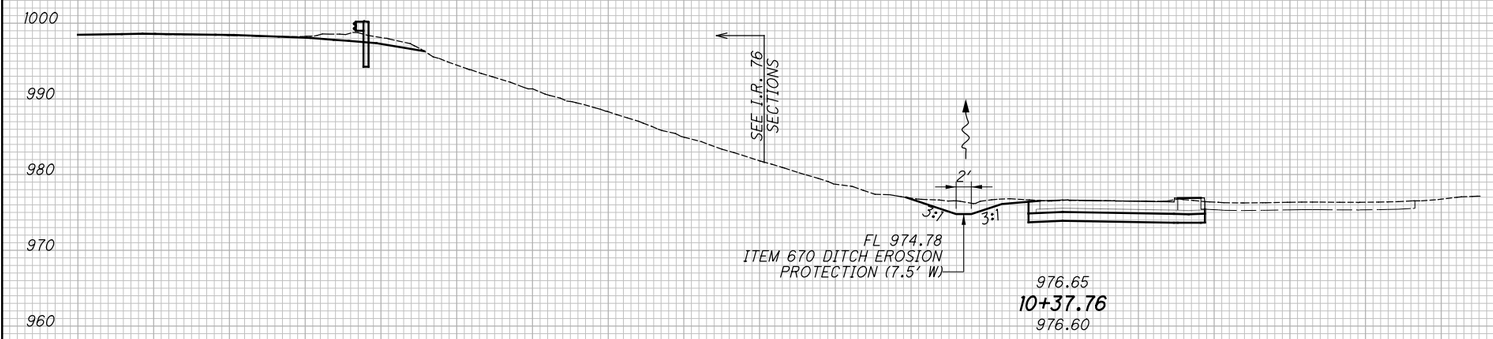
ISSUE RECORD:

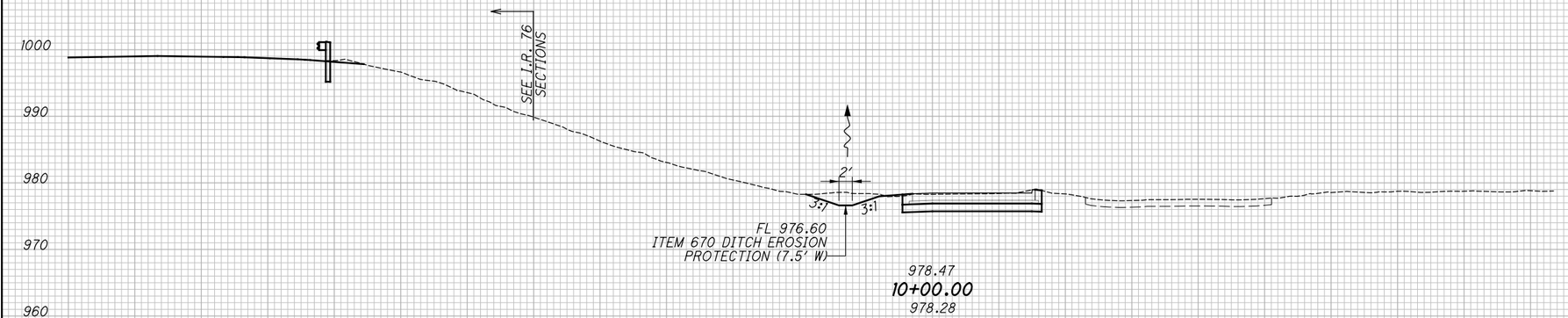
NO.	DATE	DESCRIPTION

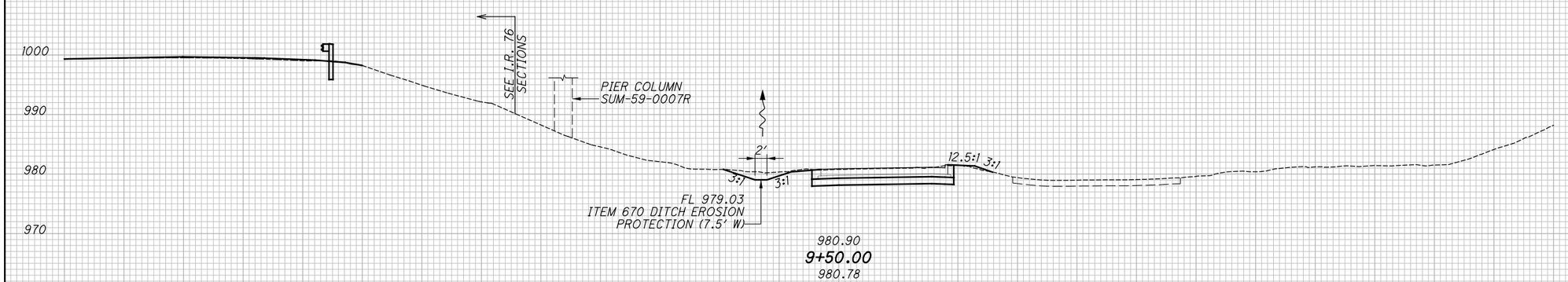
END AREA		VOLUME	
CUT	FILL	CUT	FILL

CALCULATED JDD

CHECKED JFM







120 100 80 60 40 20 0 20 40 60 80 100 120

2026-03-24 - BU-32 - RECORD DRAWING PLANS

CROSS SECTIONS - RAMP W10
STA. 9+50.00 TO STA. 10+37.76

SUM-76/77/8-8.24/9.74/0.00

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ISSUE RECORD:		
NO.	DATE	DESCRIPTION

CALCULATED SGM
CHECKED GF

CURVE 18 - I.R. 76 SUPERELEVATION TABLE (WB)

P. I. Station 252+01.26 | Dc = 1°15'03"

REMARKS	LEFT OUTSIDE EDGE OF TRAVEL WAY					LEFT CROWN					LEFT INSIDE EDGE OF TRAVEL WAY					CENTERLINE CONTROL	
	ELEVATION	TRANSITION RATE	ELEVATION CORRECTION	CROSS SLOPE	WIDTH	ELEVATION	TRANSITION RATE	ELEVATION CORRECTION	CROSS SLOPE	WIDTH	ELEVATION	TRANSITION RATE	ELEVATION CORRECTION	CROSS SLOPE	WIDTH	STATION	PROFILE GRADE (5' LT)
BEGIN BU-32	1067.25	222:1	-0.43	-0.0177	24.00	1067.67	666:1	-0.21	-0.0177	12.00	1067.89		+0.20	+0.0400	5.00	244+54.39	1067.69
	1067.23	222:1	-0.49	-0.0203	24.00	1067.72	666:1	-0.24	-0.0203	12.00	1067.96		+0.20	+0.0400	5.00	244+75.00	1067.76
PC	1067.21	222:1	-0.54	-0.0224	24.00	1067.74	666:1	-0.27	-0.0224	12.00	1068.01		+0.20	+0.0400	5.00	244+91.78	1067.81
	1067.19	222:1	-0.56	-0.0234	24.00	1067.75	666:1	-0.28	-0.0234	12.00	1068.03		+0.20	+0.0400	5.00	245+00.00	1067.83
	1067.13	222:1	-0.64	-0.0266	24.00	1067.77	666:1	-0.32	-0.0266	12.00	1068.08		+0.20	+0.0400	5.00	245+25.00	1067.88
	1067.05	222:1	-0.71	-0.0297	24.00	1067.76	666:1	-0.36	-0.0297	12.00	1068.11		+0.20	+0.0400	5.00	245+50.00	1067.91
	1067.04	222:1	-0.72	-0.0300	24.00	1067.76	535:1	-0.36	-0.0300	12.00	1068.12	1820:1	+0.20	+0.0400	5.00	245+52.52	1067.92
	1066.97	222:1	-0.76	-0.0318	24.00	1067.73	535:1	-0.38	-0.0318	12.00	1068.11	1820:1	+0.19	+0.0382	5.00	245+68.50	1067.92
FS	1066.96		-0.77	-0.0320	24.00	1067.73		-0.38	-0.0320	12.00	1068.11		+0.19	+0.0380	5.00	245+70.72	1067.92
	1066.96		-0.77	-0.0320	24.00	1067.73		-0.38	-0.0320	12.00	1068.11		+0.19	+0.0380	5.00	245+75.00	1067.92
	1041.82		-0.77	-0.0320	24.00	1042.59		-0.77	-0.0320	24.00	1043.36		+0.19	+0.0380	5.00	257+75.00	1043.17
FS	1041.08	222:1	-0.77	-0.0320	24.00	1041.85	406:1	-0.77	-0.0320	24.00	1042.62	2353:1	+0.19	+0.0380	5.00	257+95.02	1042.43
	1041.01	222:1	-0.76	-0.0318	24.00	1041.77	406:1	-0.76	-0.0318	24.00	1042.53	2353:1	+0.19	+0.0382	5.00	257+97.24	1042.34
	1040.92	222:1	-0.76	-0.0316	24.00	1041.67	406:1	-0.76	-0.0316	24.00	1042.43	2353:1	+0.19	+0.0384	5.00	258+00.00	1042.24
	1040.37	222:1	-0.72	-0.0300	24.00	1041.09	444:1	-0.72	-0.0300	24.00	1041.81		+0.20	+0.0400	5.00	258+18.55	1041.61
	1040.18	222:1	-0.71	-0.0294	24.00	1040.88	444:1	-0.71	-0.0294	24.00	1041.59		+0.20	+0.0400	5.00	258+25.00	1041.39
	1039.43	222:1	-0.65	-0.0271	24.00	1040.08	444:1	-0.65	-0.0271	24.00	1040.73		+0.20	+0.0400	5.00	258+50.00	1040.53
	1038.69	222:1	-0.59	-0.0247	24.00	1039.29	444:1	-0.59	-0.0247	24.00	1039.88		+0.20	+0.0400	5.00	258+75.00	1039.68
PT	1037.97	222:1	-0.54	-0.0224	24.00	1038.50	444:1	-0.54	-0.0224	24.00	1039.04		+0.20	+0.0400	5.00	258+99.54	1038.84
	1037.95	222:1	-0.54	-0.0224	24.00	1038.49	444:1	-0.54	-0.0224	24.00	1039.02		+0.20	+0.0400	5.00	259+00.00	1038.82
	1037.21	222:1	-0.48	-0.0200	24.00	1037.69	444:1	-0.48	-0.0200	24.00	1038.17		+0.20	+0.0400	5.00	259+25.00	1037.97
	1036.47	222:1	-0.42	-0.0177	24.00	1036.89	444:1	-0.42	-0.0177	24.00	1037.32		+0.20	+0.0400	5.00	259+50.00	1037.12
RC	1035.94		-0.38	-0.0160	24.00	1036.33	222:1	-0.38	-0.0160	24.00	1036.71		+0.20	+0.0400	5.00	259+67.74	1036.51
	1035.73		-0.38	-0.0160	24.00	1036.11	222:1	-0.35	-0.0146	24.00	1036.46		+0.20	+0.0400	5.00	259+75.00	1036.26
	1034.99		-0.38	-0.0160	24.00	1035.37	222:1	-0.24	-0.0100	24.00	1035.61		+0.20	+0.0400	5.00	260+00.00	1035.41
	1034.22		-0.38	-0.0160	24.00	1034.60	222:1	-0.13	-0.0053	24.00	1034.73		+0.20	+0.0400	5.00	260+25.00	1034.53
	1033.42		-0.38	-0.0160	24.00	1033.80	222:1	-0.01	-0.0006	24.00	1033.82		+0.20	+0.0400	5.00	260+50.00	1033.62
HF	1033.32		-0.38	-0.0160	24.00	1033.71	222:1	0.00	0.0000	24.00	1033.71		+0.20	+0.0400	5.00	260+52.99	1033.51
	1032.62		-0.38	-0.0160	24.00	1033.01	222:1	+0.10	+0.0041	24.00	1032.91		+0.20	+0.0400	5.00	260+75.00	1032.71
	1031.83		-0.38	-0.0160	24.00	1032.21	222:1	+0.21	+0.0088	24.00	1032.00		+0.20	+0.0400	5.00	261+00.00	1031.80
	1031.03		-0.38	-0.0160	24.00	1031.41	222:1	+0.32	+0.0135	24.00	1031.09		+0.20	+0.0400	5.00	261+25.00	1030.89
NC	1030.61		-0.38	-0.0160	24.00	1030.99		+0.38	+0.0160	24.00	1030.61		+0.20	+0.0400	5.00	261+38.23	1030.41
	1030.18		-0.38	-0.0160	24.00	1030.56		+0.38	+0.0160	24.00	1030.18		+0.20	+0.0400	5.00	261+50.00	1029.98

2026-03-24 - BU-32 - RECORD DRAWING PLANS

SUPERELEVATION TABLE - I.R. 76

SUM-76/77/8-8.24/9.74/0.00

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ISSUE RECORD:		
NO.	DATE	DESCRIPTION

CALCULATED SGM
CHECKED GF

CURVE 18 - I.R. 76 SUPERELEVATION TABLE (EB)

P. I. Station 252+01.26 | Dc = 1°15'03"

CENTERLINE CONTROL		RIGHT INSIDE EDGE OF TRAVEL WAY					RIGHT CROWN					RIGHT OUTSIDE EDGE OF TRAVEL WAY					REMARKS
STATION	PROFILE GRADE (5' RT)	ELEVATION	TRANSITION RATE	ELEVATION CORRECTION	CROSS SLOPE	WIDTH	ELEVATION	TRANSITION RATE	ELEVATION CORRECTION	CROSS SLOPE	WIDTH	ELEVATION	TRANSITION RATE	ELEVATION CORRECTION	CROSS SLOPE	WIDTH	
244+54.39	1067.69	1067.89		0.20	+0.0400	5.00	1068.10	666:1	+0.21	+0.0177	12.00	1068.52	222:1	+0.43	+0.0177	24.00	BEGIN BU-32
244+75.00	1067.76	1067.96		0.20	+0.0400	5.00	1068.21	666:1	+0.24	+0.0203	12.00	1068.69	222:1	+0.49	+0.0203	24.00	
244+91.78	1067.81	1068.01		0.20	+0.0400	5.00	1068.28	666:1	+0.27	+0.0224	12.00	1068.82	222:1	+0.54	+0.0224	24.00	PC
245+00.00	1067.83	1068.03		0.20	+0.0400	5.00	1068.31	666:1	+0.28	+0.0234	12.00	1068.88	222:1	+0.56	+0.0234	24.00	
245+25.00	1067.88	1068.08		0.20	+0.0400	5.00	1068.40	666:1	+0.32	+0.0266	12.00	1069.04	222:1	+0.64	+0.0266	24.00	
245+50.00	1067.91	1068.11		0.20	+0.0400	5.00	1068.47	666:1	+0.36	+0.0297	12.00	1069.18	222:1	+0.71	+0.0297	24.00	
245+52.52	1067.92	1068.12		0.20	+0.0400	5.00	1068.48	666:1	+0.36	+0.0300	12.00	1069.20	222:1	+0.72	+0.0300	24.00	
245+68.50	1067.92	1068.12		0.20	+0.0400	5.00	1068.51		+0.38	+0.0320	12.00	1069.27		+0.77	+0.0320	24.00	FS
245+70.72	1067.92	1068.12		0.20	+0.0400	5.00	1068.51		+0.38	+0.0320	12.00	1069.27		+0.77	+0.0320	24.00	
245+75.00	1067.92	1068.12		0.20	+0.0400	5.00	1068.51		+0.38	+0.0320	12.00	1069.27		+0.77	+0.0320	24.00	
257+75.00	1043.17	1043.37		0.20	+0.0400	5.00	1044.14		+0.77	+0.0320	24.00	1044.91		+0.77	+0.0320	24.00	
257+95.02	1042.43	1042.63		0.20	+0.0400	5.00	1043.39		+0.77	+0.0320	24.00	1044.16		+0.77	+0.0320	24.00	
257+97.24	1042.34	1042.54		0.20	+0.0400	5.00	1043.31	444:1	+0.77	+0.0320	24.00	1044.08	222:1	+0.77	+0.0320	24.00	FS
258+00.00	1042.24	1042.44		0.20	+0.0400	5.00	1043.20	444:1	+0.76	+0.0317	24.00	1043.96	222:1	+0.76	+0.0317	24.00	
258+18.55	1041.61	1041.81		0.20	+0.0400	5.00	1042.53	444:1	+0.72	+0.0300	24.00	1043.25	222:1	+0.72	+0.0300	24.00	
258+25.00	1041.39	1041.59		0.20	+0.0400	5.00	1042.29	444:1	+0.71	+0.0294	24.00	1043.00	222:1	+0.71	+0.0294	24.00	
258+50.00	1040.53	1040.73		0.20	+0.0400	5.00	1041.38	444:1	+0.65	+0.0271	24.00	1042.03	222:1	+0.65	+0.0271	24.00	
258+75.00	1039.68	1039.88		0.20	+0.0400	5.00	1040.47	444:1	+0.59	+0.0247	24.00	1041.06	222:1	+0.59	+0.0247	24.00	
258+99.54	1038.84	1039.04		0.20	+0.0400	5.00	1039.58	444:1	+0.54	+0.0224	24.00	1040.12	222:1	+0.54	+0.0224	24.00	PT
259+00.00	1038.82	1039.02		0.20	+0.0400	5.00	1039.56	444:1	+0.54	+0.0224	24.00	1040.10	222:1	+0.54	+0.0224	24.00	
259+25.00	1037.97	1038.17		0.20	+0.0400	5.00	1038.65	444:1	+0.48	+0.0200	24.00	1039.13	222:1	+0.48	+0.0200	24.00	
259+50.00	1037.12	1037.32		0.20	+0.0400	5.00	1037.74	444:1	+0.42	+0.0177	24.00	1038.16	222:1	+0.42	+0.0177	24.00	
259+67.74	1036.51	1036.71		0.20	+0.0400	5.00	1037.09		+0.38	+0.0160	24.00	1037.48	222:1	+0.38	+0.0160	24.00	RC
259+75.00	1036.26	1036.46		0.20	+0.0400	5.00	1036.85		+0.38	+0.0160	24.00	1037.20	222:1	+0.35	+0.0146	24.00	
260+00.00	1035.41	1035.61		0.20	+0.0400	5.00	1035.99		+0.38	+0.0160	24.00	1036.23	222:1	+0.24	+0.0100	24.00	
260+25.00	1034.53	1034.73		0.20	+0.0400	5.00	1035.11		+0.38	+0.0160	24.00	1035.24	222:1	+0.13	+0.0053	24.00	
260+50.00	1033.62	1033.82		0.20	+0.0400	5.00	1034.20		+0.38	+0.0160	24.00	1034.22	222:1	+0.01	+0.0006	24.00	
260+52.99	1033.51	1033.71		0.20	+0.0400	5.00	1034.09		+0.38	+0.0160	24.00	1034.09	222:1	0.00	0.0000	24.00	HF
260+75.00	1032.71	1032.91		0.20	+0.0400	5.00	1033.29		+0.38	+0.0160	24.00	1033.19	222:1	-0.10	-0.0041	24.00	
261+00.00	1031.80	1032.00		0.20	+0.0400	5.00	1032.38		+0.38	+0.0160	24.00	1032.17	222:1	-0.21	-0.0088	24.00	
261+25.00	1030.89	1031.09		0.20	+0.0400	5.00	1031.47		+0.38	+0.0160	24.00	1031.15	222:1	-0.32	-0.0135	24.00	
261+38.23	1030.41	1030.61		0.20	+0.0400	5.00	1030.99		+0.38	+0.0160	24.00	1030.61		-0.38	-0.0160	24.00	NC
261+50.00	1029.98	1030.18		0.20	+0.0400	5.00	1030.56		+0.38	+0.0160	24.00	1030.18		-0.38	-0.0160	24.00	

2026-03-24 - BU-32 - RECORD DRAWING PLANS

SUPERELEVATION TABLE - I.R. 76

SUM-76/77/8-8.24/9.74/0.00

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* *THE DESIGN CALCULATIONS USED A 222 TRANSITION RATE FOR AN ASSUMED CONSTANT 36FT WIDTH FOR THE WESTBOUND OUTSIDE EDGE OF TRAVEL WAY. THE OUTSIDE EDGE OF TRAVEL WAY WIDTH IS VARYING, FOR A MERGING ON RAMP, RESULTING IN ACTUAL TRANSITION RATE THAT VARIES ALONG THE TAPERING EDGE OF TRAVEL.*

ISSUE RECORD:

NO.	DATE	DESCRIPTION

CALCULATED SGM CHECKED GF

CURVE 30 - I.R. 76 SUPERELEVATION TABLE

P. I. Station 276+42.53 | Dc = 0°59'57''

REMARKS	WESTBOUND (LT) OUTSIDE EDGE OF TRAVEL WAY					WESTBOUND (LT) CROWN					WESTBOUND (LT) PGL		CENTERLINE STATION	EASTBOUND (RT) PGL		EASTBOUND (RT) CROWN					EASTBOUND (RT) OUTSIDE EDGE OF TRAVEL WAY					REMARKS
	ELEVATION	TRANSITION RATE	ELEVATION CORRECTION	CROSS SLOPE	WIDTH	ELEVATION	TRANSITION RATE	ELEVATION CORRECTION	CROSS SLOPE	WIDTH	OFFSET	ELEVATION		ELEVATION	OFFSET	ELEVATION	TRANSITION RATE	ELEVATION CORRECTION	CROSS SLOPE	WIDTH	ELEVATION	TRANSITION RATE	ELEVATION CORRECTION	CROSS SLOPE	WIDTH	
	1012.89		-0.38	-0.0160	24.00	1013.27		+0.38	+0.0160	24.00	10.00' LT	1012.89	266+25.00	1012.89	10.00' RT	1013.27		+0.38	+0.0160	24.00	1012.89		-0.38	-0.0160	24.00	
NC	1012.69	222:1	-0.38	-0.0160	24.00	1013.08		+0.38	+0.0160	24.00	10.00' LT	1012.69	266+30.32	1012.69	10.00' RT	1013.08	222:1	+0.38	+0.0160	24.00	1012.69		-0.38	-0.0160	24.00	NC
	1012.07	222:1	-0.30	-0.0123	24.00	1012.36		+0.38	+0.0160	24.00	10.00' LT	1011.98	266+50.00	1011.98	10.00' RT	1012.27	222:1	+0.30	+0.0123	24.00	1011.89		-0.38	-0.0160	24.00	
	1011.27	222:1	-0.18	-0.0076	24.00	1011.45		+0.38	+0.0160	24.00	10.00' LT	1011.07	266+75.00	1011.07	10.00' RT	1011.25	222:1	+0.18	+0.0076	24.00	1010.87		-0.38	-0.0160	24.00	
	1010.47	222:1	-0.07	-0.0029	24.00	1010.54		+0.38	+0.0160	24.00	10.00' LT	1010.16	267+00.00	1010.16	10.00' RT	1010.23	222:1	+0.07	+0.0029	24.00	1009.84		-0.38	-0.0160	24.00	
HF	1009.98	222:1	0.00	0.0000	24.00	1009.98		+0.38	+0.0160	24.00	10.00' LT	1009.59	267+15.57	1009.59	10.00' RT	1009.59	222:1	0.00	0.0000	24.00	1009.21		-0.38	-0.0160	24.00	HF
	1009.68	222:1	+0.04	+0.0018	24.00	1009.63		+0.38	+0.0160	24.00	10.00' LT	1009.25	267+25.00	1009.25	10.00' RT	1009.21	222:1	-0.04	-0.0018	24.00	1008.82		-0.38	-0.0160	24.00	
	1008.88	222:1	+0.16	+0.0065	24.00	1008.72		+0.38	+0.0160	24.00	10.00' LT	1008.34	267+50.00	1008.34	10.00' RT	1008.18	222:1	-0.16	-0.0065	24.00	1007.80		-0.38	-0.0160	24.00	
	1008.08	222:1	+0.27	+0.0112	24.00	1007.81		+0.38	+0.0160	24.00	10.00' LT	1007.43	267+75.00	1007.43	10.00' RT	1007.16	222:1	-0.27	-0.0112	24.00	1006.78		-0.38	-0.0160	24.00	
	1007.28	222:1	+0.38	+0.0159	24.00	1006.90		+0.38	+0.0160	24.00	10.00' LT	1006.52	268+00.00	1006.52	10.00' RT	1006.14	222:1	-0.38	-0.0159	24.00	1005.75		-0.38	-0.0160	24.00	
RC	1007.26	222:1	+0.38	+0.0160	24.00	1006.87	444:1	+0.38	+0.0160	24.00	10.00' LT	1006.49	268+00.81	1006.49	10.00' RT	1006.11	444:1	-0.38	-0.0160	24.00	1005.72	222:1	-0.38	-0.0160	24.00	RC
	1006.49	222:1	+0.44	+0.0183	24.00	1006.05	444:1	+0.44	+0.0183	24.00	10.00' LT	1005.61	268+25.00	1005.61	10.00' RT	1005.17	444:1	-0.44	-0.0183	24.00	1004.73	222:1	-0.44	-0.0183	24.00	
PC	1006.27	222:1	+0.45	+0.0189	24.00	1005.82	444:1	+0.45	+0.0189	24.00	10.00' LT	1005.36	268+31.72	1005.36	10.00' RT	1004.91	444:1	-0.45	-0.0189	24.00	1004.46	222:1	-0.45	-0.0189	24.00	PC
	1005.69	222:1	+0.49	+0.0206	24.00	1005.19	444:1	+0.49	+0.0206	24.00	10.00' LT	1004.70	268+50.00	1004.70	10.00' RT	1004.20	444:1	-0.49	-0.0206	24.00	1003.71	222:1	-0.49	-0.0206	24.00	
	1004.89	222:1	+0.55	+0.0230	24.00	1004.34	444:1	+0.55	+0.0230	24.00	10.00' LT	1003.79	268+75.00	1003.75	10.00' RT	1003.20	444:1	-0.55	-0.0230	24.00	1002.65	222:1	-0.55	-0.0230	24.00	
	1004.09	222:1	+0.61	+0.0253	24.00	1003.49	444:1	+0.61	+0.0253	24.00	10.00' LT	1002.88	269+00.00	1002.81	10.00' RT	1002.20	444:1	-0.61	-0.0253	24.00	1001.60	222:1	-0.61	-0.0253	24.00	
FS	1003.52		+0.65	+0.0270	24.00	1002.87		+0.65	+0.0270	24.00	10.00' LT	1002.22	269+18.03	1002.13	10.00' RT	1001.48		-0.65	-0.0270	24.00	1000.83		-0.65	-0.0270	24.00	FS
	1003.26		+0.65	+0.0270	24.00	1002.62		+0.65	+0.0270	24.00	10.00' LT	1001.97	269+25.00	1001.87	10.00' RT	1001.22		-0.65	-0.0270	24.00	1000.57		-0.65	-0.0270	24.00	
	983.92		+0.93	+0.0270	34.29	982.99		+0.65	+0.0270	24.00	10.00' LT	982.35	283+25.00	981.96	10.00' RT	981.32		-0.65	-0.0270	24.00	980.99		-0.32	-0.0270	12.00	
FS	984.02	227:1 *	+0.93	+0.0270	34.46	983.09	555:1	+0.65	+0.0270	24.00	10.00' LT	982.44	283+34.76	982.05	10.00' RT	981.41		-0.65	-0.0270	24.00	981.08		-0.32	-0.0270	12.00	
	984.11	225:1 *	+0.90	+0.0259	34.71	983.22	555:1	+0.62	+0.0259	24.00	10.00' LT	982.60	283+50.00	982.19	10.00' RT	981.54		-0.65	-0.0270	24.00	981.22		-0.32	-0.0270	12.00	
	984.26	225:1 *	+0.84	+0.0240	35.13	983.42	555:1	+0.58	+0.0240	24.00	10.00' LT	982.85	283+75.00	982.42	10.00' RT	981.77		-0.65	-0.0270	24.00	981.45		-0.32	-0.0270	12.00	
	984.28	224:1 *	+0.84	+0.0238	35.18	983.45	555:1	+0.57	+0.0238	24.00	10.00' LT	982.88	283+77.91	982.44	10.00' RT	981.80	333:1	-0.65	-0.0270	24.00	981.47	222:1	-0.32	-0.0270	12.00	FS
	984.41	222:1 *	+0.79	+0.0221	35.55	983.63	555:1	+0.53	+0.0221	24.00	10.00' LT	983.10	284+00.00	982.64	10.00' RT	982.06	333:1	-0.58	-0.0242	24.00	981.77	222:1	-0.29	-0.0242	12.00	
	984.56	221:1 *	+0.73	+0.0202	35.96	983.83	555:1	+0.49	+0.0202	24.00	10.00' LT	983.35	284+25.00	982.90	10.00' RT	982.39	333:1	-0.51	-0.0211	24.00	982.14	222:1	-0.25	-0.0211	12.00	
PT	984.66	220:1 *	+0.69	+0.0189	36.31	983.98	555:1	+0.45	+0.0189	24.00	10.00' LT	983.52	284+42.65	983.11	10.00' RT	982.66	333:1	-0.45	-0.0189	24.00	982.43	222:1	-0.23	-0.0189	12.00	PT
	984.71	219:1 *	+0.67	+0.0184	36.45	984.04	555:1	+0.44	+0.0184	24.00	10.00' LT	983.60	284+50.00	983.20	10.00' RT	982.77	333:1	-0.43	-0.0180	24.00	982.55	222:1	-0.22	-0.0180	12.00	
	984.80	219:1 *	+0.63	+0.0172	36.77	984.17	555:1	+0.41	+0.0172	24.00	10.00' LT	983.76	284+65.82	983.39	10.00' RT	983.00	222:1	-0.38	-0.0160	24.00	982.81		-0.19	-0.0160	12.00	RC
	984.85	218:1 *	+0.61	+0.0165	36.95	984.24	555:1	+0.40	+0.0165	24.00	10.00' LT	983.85	284+75.00	983.50	10.00' RT	983.15	222:1	-0.34	-0.0143	24.00	982.96		-0.19	-0.0160	12.00	
RC	984.89	213:1 *	+0.59	+0.0160	37.08	984.30		+0.38	+0.0160	24.00	10.00' LT	983.91	284+81.28	983.57	10.00' RT	983.26	222:1	-0.31	-0.0131	24.00	983.06		-0.19	-0.0160	12.00	
	985.00	212:1 *	+0.51	+0.0137	37.45	984.48		+0.38	+0.0160	24.00	10.00' LT	984.10	285+00.00	983.79	10.00' RT	983.56	222:1	-0.23	-0.0096	24.00	983.37		-0.19	-0.0160	12.00	
	985.04	211:1 *	+0.47	+0.0126	37.62	984.57		+0.38	+0.0160	24.00	10.00' LT	984.18	285+08.45	983.89	10.00' RT	983.70	222:1	-0.19	-0.0080	24.00	983.51		-0.19	-0.0160	12.00	
	985.13	208:1 *	+0.40	+0.0105	37.95	984.73		+0.38	+0.0160	24.00	10.00' LT	984.35	285+25.00	984.09	10.00' RT	983.97	222:1	-0.12	-0.0049	24.00	983.78		-0.19	-0.0160	12.00	
	985.27	208:1 *	+0.28	+0.0074	38.45	984.98		+0.38	+0.0160	24.00	10.00' LT	984.60	285+50.00	984.39	10.00' RT	984.39	222:1	-0.00	-0.0002	24.00	984.19		-0.19	-0.0160	12.00	
	985.28	206:1 *	+0.28	+0.0073	38.48	985.00		+0.38	+0.0160	24.00	10.00' LT	984.61	285+51.07	984.40	10.00' RT	984.40	222:1	0.00	0.0000	24.00	984.21		-0.19	-0.0160	12.00	HF
	985.36	205:1 *	+0.21	+0.0053	38.78	985.15		+0.38	+0.0160	24.00	10.00' LT	984.77	285+66.53	984.59	10.00' RT	984.66	222:1	+0.07	+0.0029	24.00	984.47		-0.19	-0.0160	12.00	
	985.40	203:1 *	+0.17	+0.0043	38.95	985.24		+0.38	+0.0160	24.00	10.00' LT	984.85	285+75.00	984.69	10.00' RT	984.80	222:1	+0.11	+0.0045	24.00	984.60		-0.19	-0.0160	12.00	
	985.53	202:1 *	+0.05	+0.0011	39.45	985.49		+0.38	+0.0160	24.00	10.00' LT	985.10	286+00.00	984.99	10.00' RT	985.21	222:1	+0.22	+0.0092	24.00	985.02		-0.19	-0.0160	12.00	
HF	985.58	200:1 *	0.00	0.0000	39.64	985.58		+0.38	+0.0160	24.00	10.00' LT	985.19	286+09.15	985.10	10.00' RT	985.36	222:1	+0.26	+0.0109	24.00	985.17		-0.19	-0.0160	12.00	
	985.66	199:1 *	-0.08	-0.0020	39.95	985.74		+0.38	+0.0160	24.00	10.00' LT	985.35	286+25.00	985.29	10.00' RT	985.62	222:1	+0.33	+0.0139	24.00	985.43		-0.19	-0.0160	12.00	
	985.71	198:1 *	-0.14	-0.0034	40.18	985.85		+0.38	+0.0160	24.00	10.00' LT	985.47	286+36.32	985.42	10.00' RT	985.80		+0.38	+0.0160	24.00	985.61		-0.19	-0.0160	12.00	NC
	985.78	195:1 *	-0.21	-0.0051	40.45	985.99		+0.38	+0.0160	24.00	10.00' LT	985.60	286+50.00	985.58	10.00' RT	985.97		+0.38	+0.0160	24.00	985.78		-0.19	-0.0160	12.00	
	985.90	193:1 *	-0.34	-0.0082	40.95	986.24		+0.38	+0.0160	24.00	10.00' LT	985.85	286+75.00	985.85	10.00' RT	986.24		+0.38	+0.0160	24.00	986.05		-0.19	-0.0160	12.00	
	986.02	190:1 *	-0.47	-0.0114	41.45	986.49		+0.38	+0.0160	24.00	10.00' LT	986.10	287+00.00	986.10	10.00' RT	986.49		+0.38	+0.0160	24.00	986.30		-0.19	-0.0160	12.00	
	986.13	189:1 *	-0.61	-0.0145	41.95	986.74		+0.38	+0.0160	24.00	10.00' LT	986.35	287+25.00	986.35	10.00' RT	986.74		+0.38	+0.0160	24.00	986.55		-0.19	-0.0160	12.00	
NC	986.18		-0.68	-0.0160	42.19	986.86		+0.38	+0.0160	24.00	10.00' LT	986.48	287+37.02	986.48	10.00' RT	986.86		+0.38	+0.0160	24.00	986.67		-0.19	-0.0160	12.00	
	986.31		-0.68	-0.0160	42.45	986.99		+0.38	+0.0160	24.00	10.00' LT	986.61	287+50.00	986.61	10.00' RT	986.99		+0.38	+0.0160	24.00	986.80		-0.19	-0.0160	12.00	

2026-03-24 - BU-32 - RECORD DRAWING PLANS

SUPERELEVATION TABLE - I.R. 76

SUM-76/77/8-
8.24/9.74/0.00

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BU-32

GORE SLOPE - RAMP J

1. 13' @ 0.0046
2. 9.46' @ 0.0053
3. 6.16' @ 0.0049
4. 3.79' @ 0.0026
5. 4.07' @ -0.0418
6. 2' @ -0.0420
7. 10' @ -0.0430
8. 8.31' @ -0.0397
9. 6.26' @ -0.0399
10. 4.08' @ -0.0466

ISSUE RECORD:		
NO.	DATE	DESCRIPTION

HORIZONTAL SCALE IN FEET
0 10 20 40

CALCULATED GLW
CHECKED SGM

RAMP TERMINAL DETAIL
RAMP J AT EAST AVENUE

SUM-76/77/8-
8.24/9.74/0.00

146
188

2026-03-24 - BU-32 - RECORD DRAWING PLANS

NOTE: ELEVATIONS SHOWN AT 25' INTERVALS UNLESS OTHERWISE NOTED.

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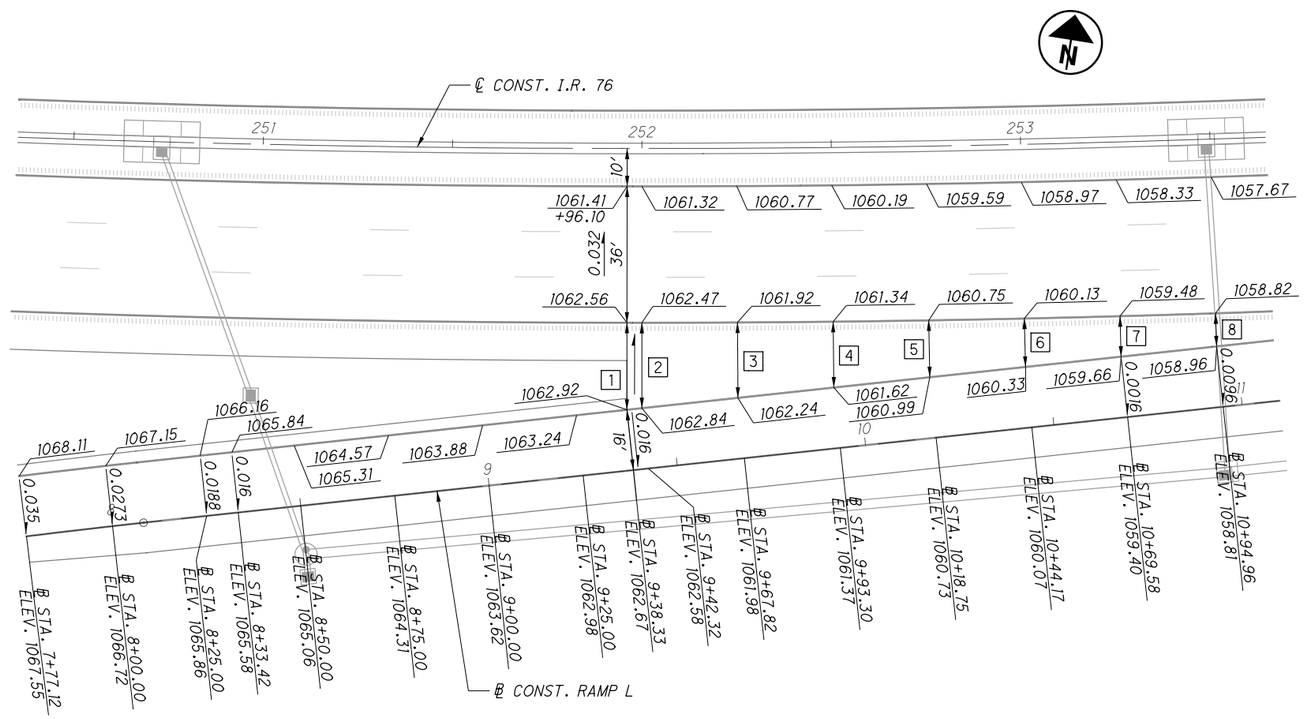
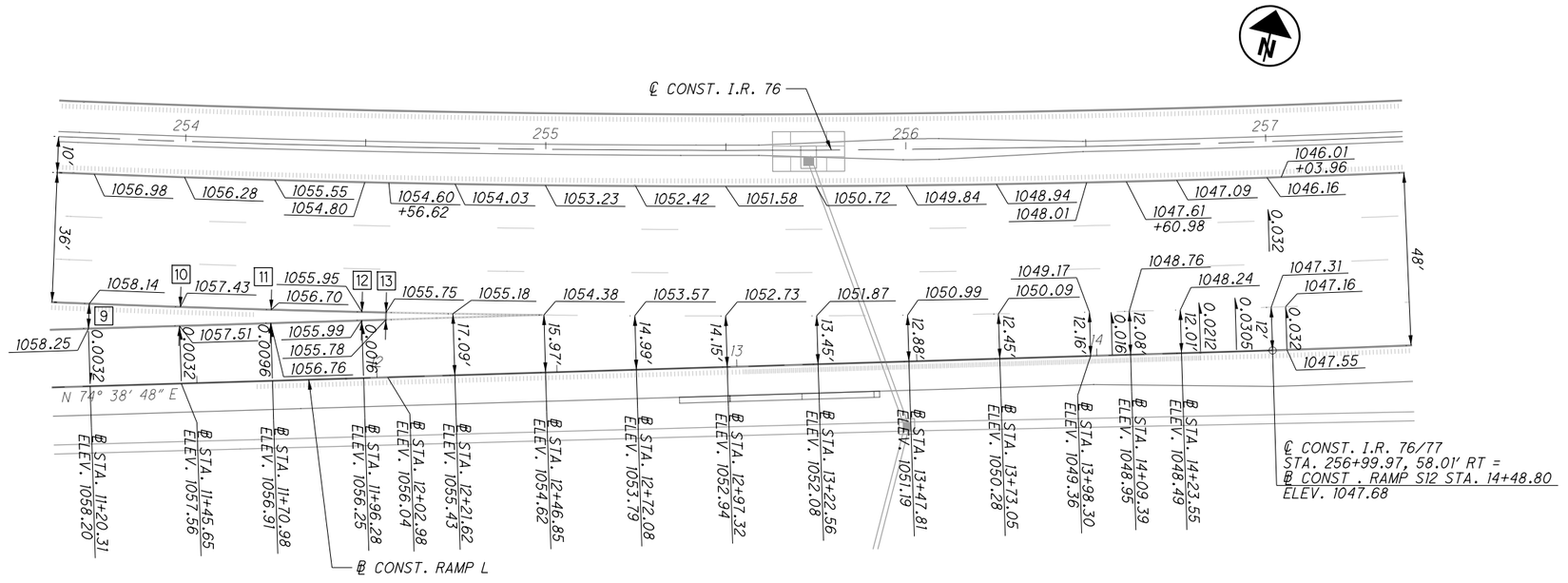
BU-32

GORE SLOPE - RAMP L

1	23' @ 0.016
2	22.57' @ 0.016
3	19.92' @ 0.016
4	17.41' @ 0.016
5	15.03' @ 0.016
6	12.80' @ 0.016
7	10.71' @ 0.016
8	8.76' @ 0.016
9	6.95' @ 0.016
10	5.27' @ 0.016
11	3.74' @ 0.016
12	2.35' @ 0.016
13	2' @ 0.016





NOTE: ELEVATIONS SHOWN AT 25' INTERVALS UNLESS OTHERWISE NOTED.

ISSUE RECORD:		
NO.	DATE	DESCRIPTION

HORIZONTAL SCALE IN FEET
0 10 20 40

CALCULATED GLW
CHECKED SGM

RAMP TERMINAL DETAIL
RAMP L AT EAST AVENUE

SUM-76/77/8-
8.24/9.74/0.00

147
188

2026-03-24 - BU-32 - RECORD DRAWING PLANS

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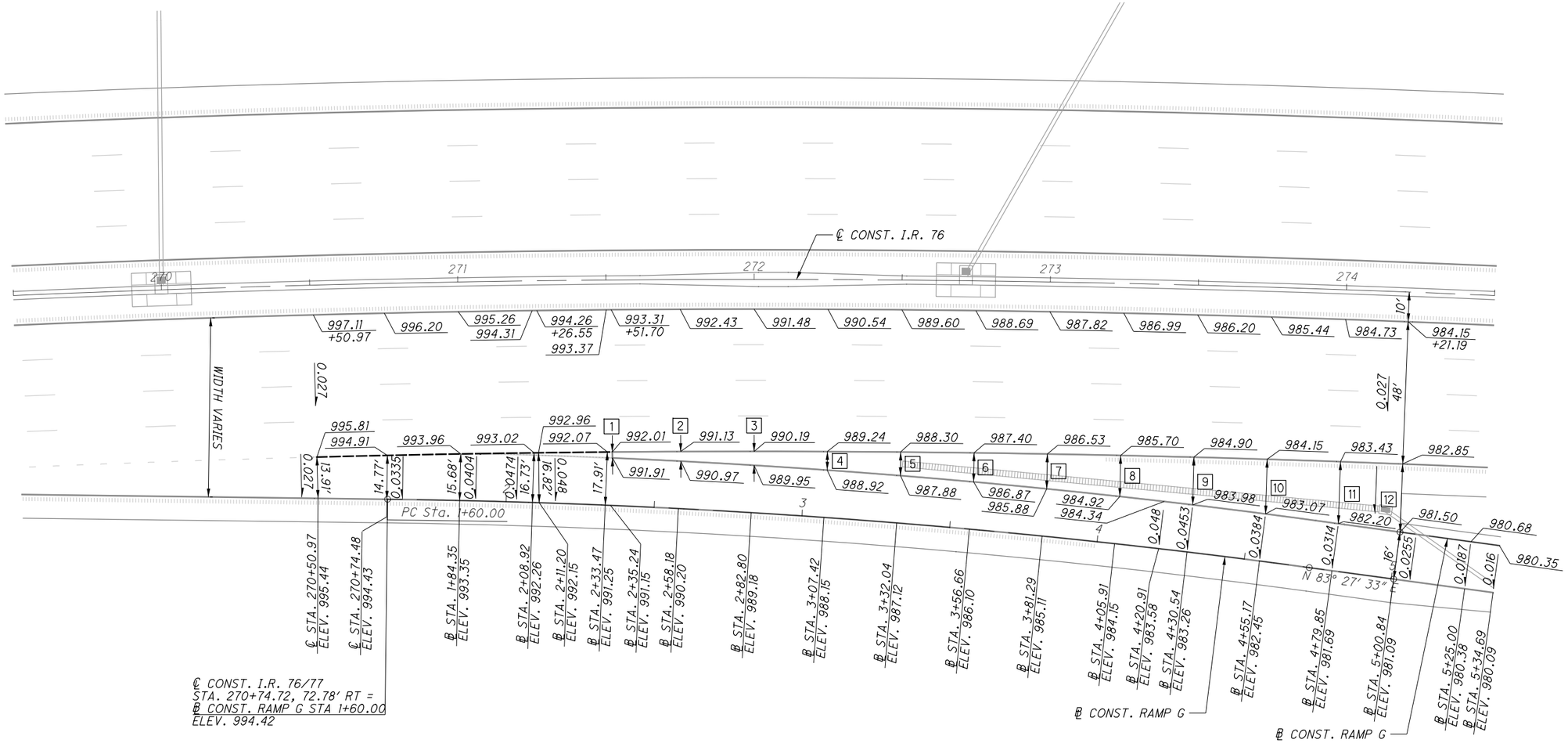
ISSUE RECORD:		
NO.	DATE	DESCRIPTION

HORIZONTAL SCALE IN FEET
0 10 20 40

CALCULATED GLW
CHECKED SGM

GORE SLOPE - RAMP G

1. 2′ @ -0.048
2. 3.23′ @ -0.0490
3. 4.67′ @ -0.0500
4. 6.25′ @ -0.0510
5. 7.95′ @ -0.0520
6. 9.79′ @ -0.0530
7. 11.76′ @ -0.0541
8. 13.86′ @ -0.0551
9. 16.09′ @ -0.0561
10. 18.45′ @ -0.0571
11. 20.93′ @ -0.0581
12. 23′ @ -0.059



NOTE: ELEVATIONS SHOWN AT 25′ INTERVALS UNLESS OTHERWISE NOTED.

2026-03-24 - BU-32 - RECORD DRAWING PLANS

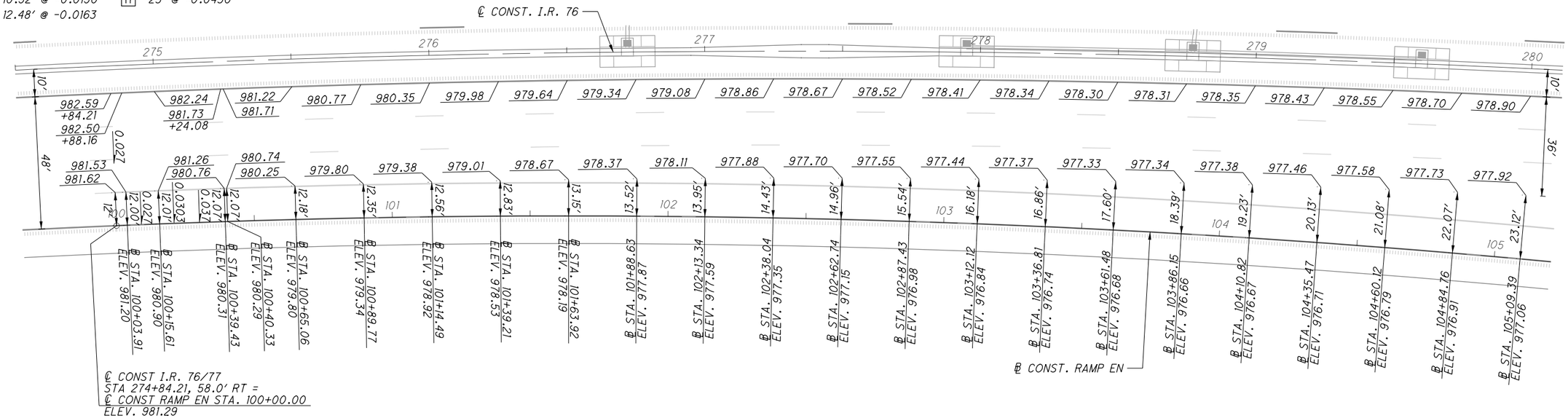
RAMP TERMINAL DETAIL
RAMP G AT BOWERY STREET

SUM-76/77/8-
8.24/9.74/0.00

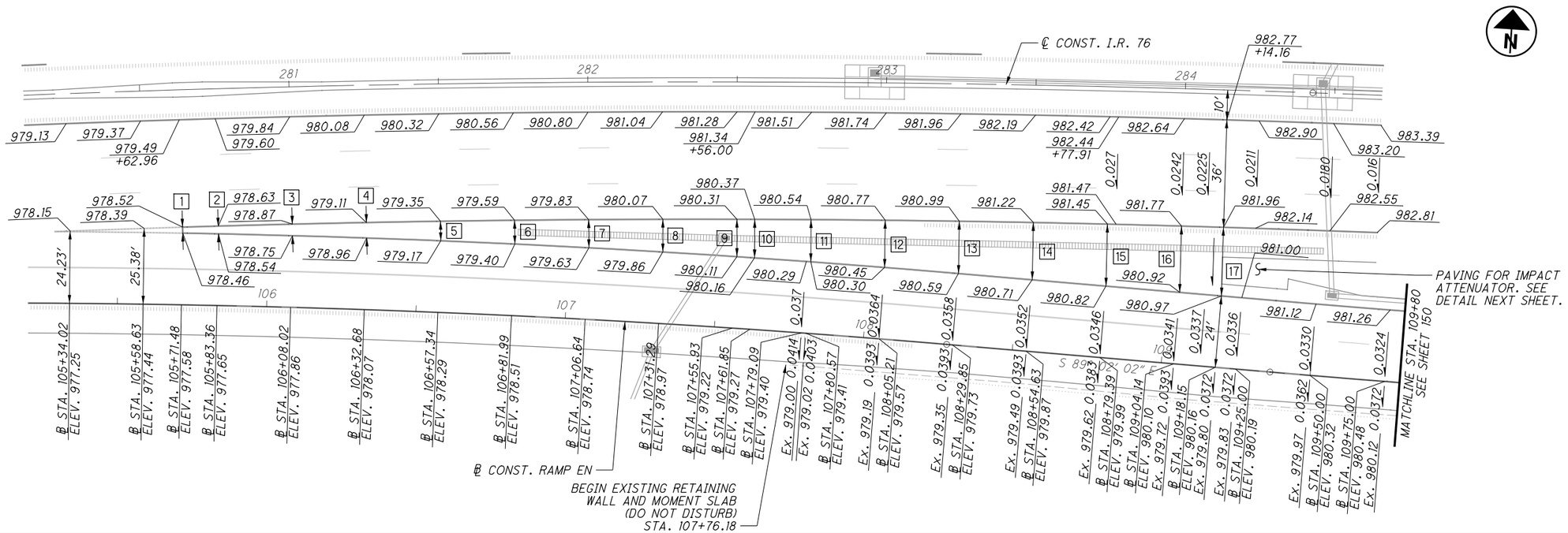
BU-32

GORE SLOPE - RAMP EN

1	2′ @ -0.037	10	12.87′ @ -0.0156
2	2.59′ @ -0.0357	11	14.10′ @ -0.0177
3	3.85′ @ -0.0329	12	15.78′ @ -0.0203
4	5.16′ @ -0.0301	13	17.50′ @ -0.0229
5	6.52′ @ -0.0274	14	19.18′ @ -0.0266
6	7.93′ @ -0.0246	15	20.75′ @ -0.0304
7	9.40′ @ -0.0218	16	22.22′ @ -0.0383
8	10.92′ @ -0.0190	17	23′ @ -0.0430
9	12.48′ @ -0.0163		



NOTE:
1. ELEVATIONS SHOWN AT 25′ INTERVALS UNLESS OTHERWISE NOTED.



ISSUE RECORD:		
NO.	DATE	DESCRIPTION

0 10 20 40 HORIZONTAL SCALE IN FEET

CALCULATED GLW CHECKED SGM

RAMP TERMINAL DETAIL
RAMP EN TO NORTHBOUND S.R. 59

2026-03-24 - BU-32 - RECORD DRAWING PLANS

SUM-76/77/8-
8.24/9.74/0.00

149
188

PARSONS
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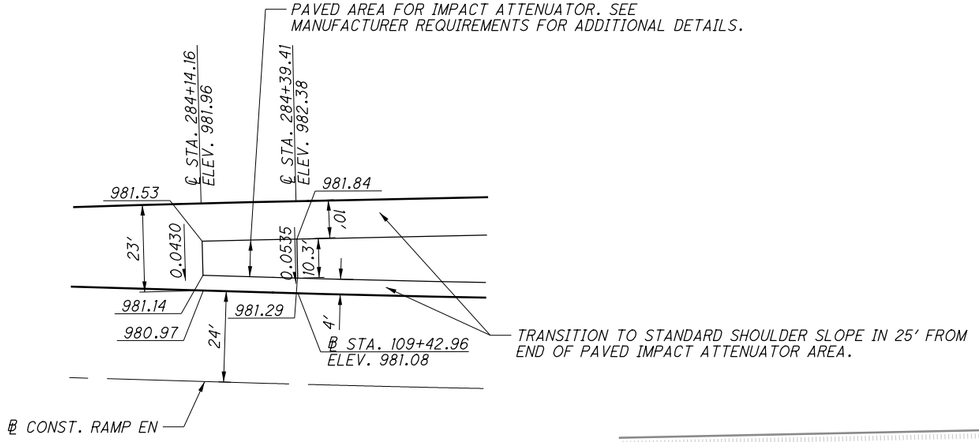
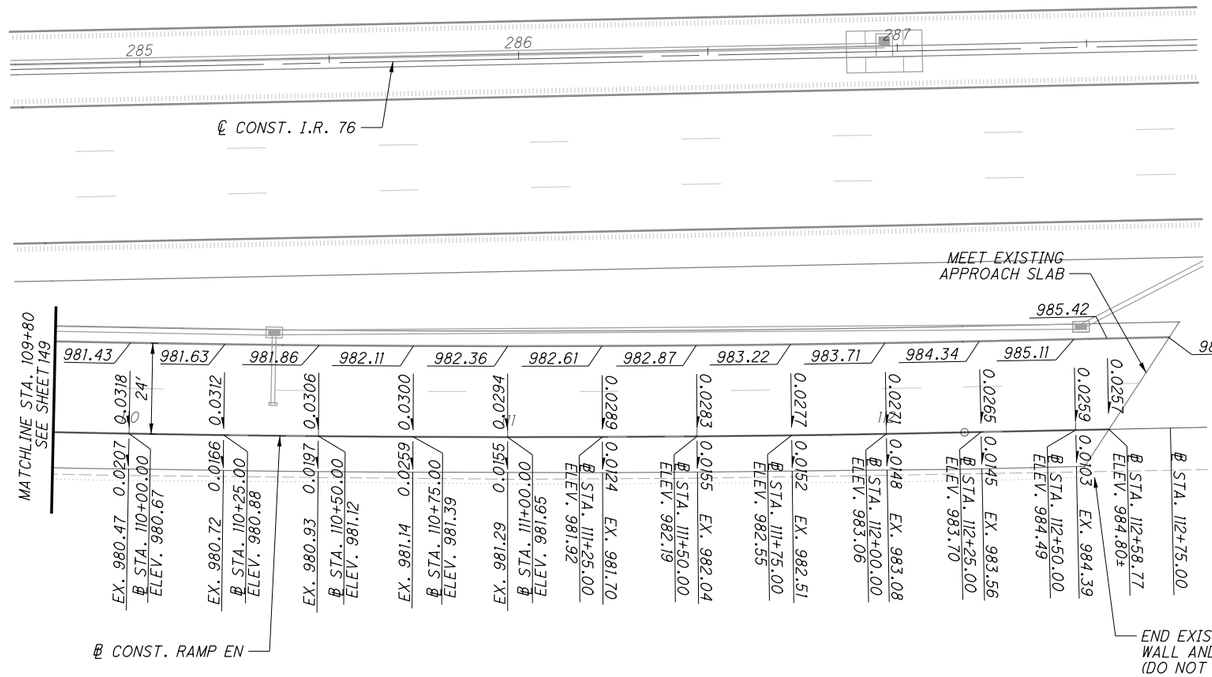
ISSUE RECORD:		
NO.	DATE	DESCRIPTION



PAVING FOR IMPACT ATTENUATOR DETAIL



NOTE: ELEVATIONS SHOWN AT 25' INTERVALS UNLESS OTHERWISE NOTED.

2026-03-24 - BU-32 - RECORD DRAWING PLANS

HORIZONTAL SCALE IN FEET
0 10 20 40

CALCULATED GLW
CHECKED SGM

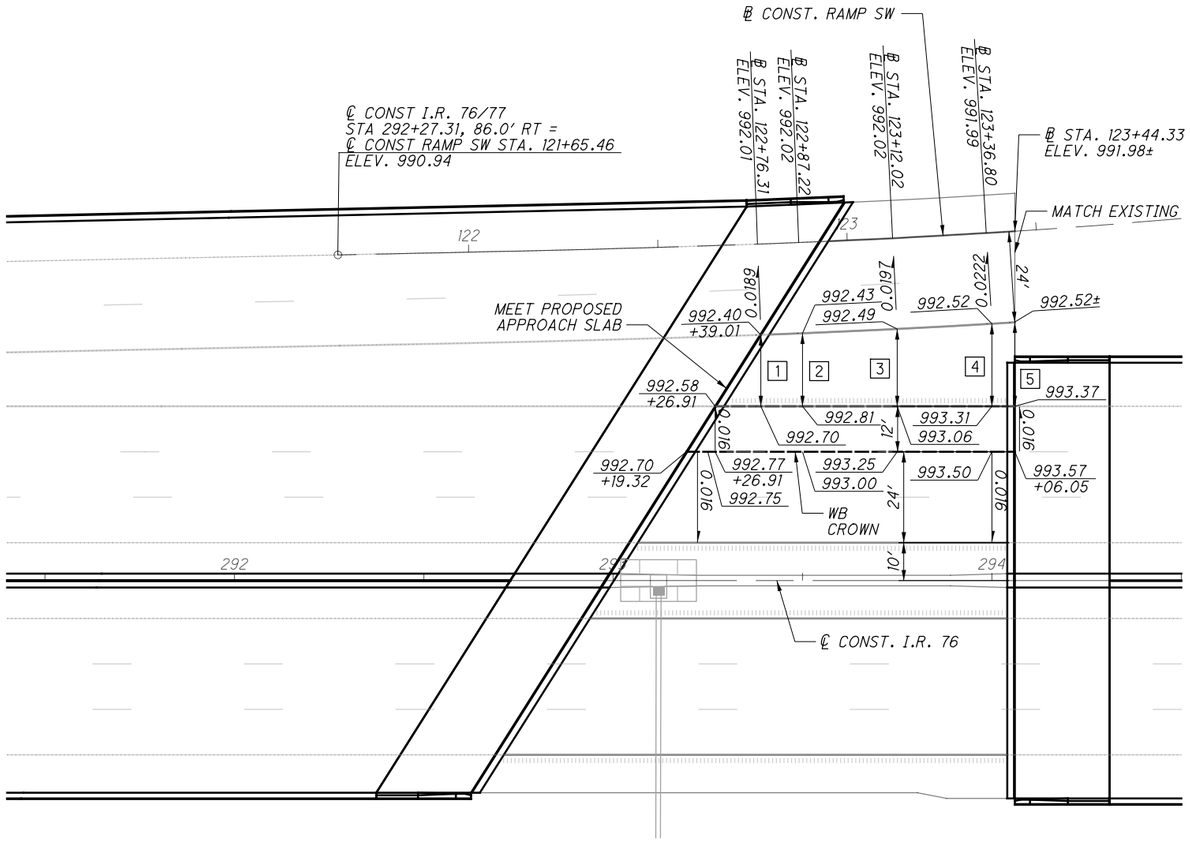
RAMP TERMINAL DETAIL
RAMP EN TO NORTHBOUND S.R. 59

SUM-76/77/8-
8.24/9.74/0.00

GORE SLOPE - RAMP SW

1. 18.87' @ -0.016
2. 19.29' @ -0.0197
3. 20.43' @ -0.0280
4. 21.81' @ -0.0363
5. 22.19' @ -0.0383

ISSUE RECORD:		
NO.	DATE	DESCRIPTION



NOTE: ELEVATIONS SHOWN AT 25' INTERVALS UNLESS OTHERWISE NOTED.

HORIZONTAL SCALE IN FEET
0 10 20 40

CALCULATED GLW
CHECKED SGM

RAMP TERMINAL DETAIL
RAMP SW FROM SOUTHBOUND S.R. 59

SUM-76/77/8-8.24/9.74/0.00

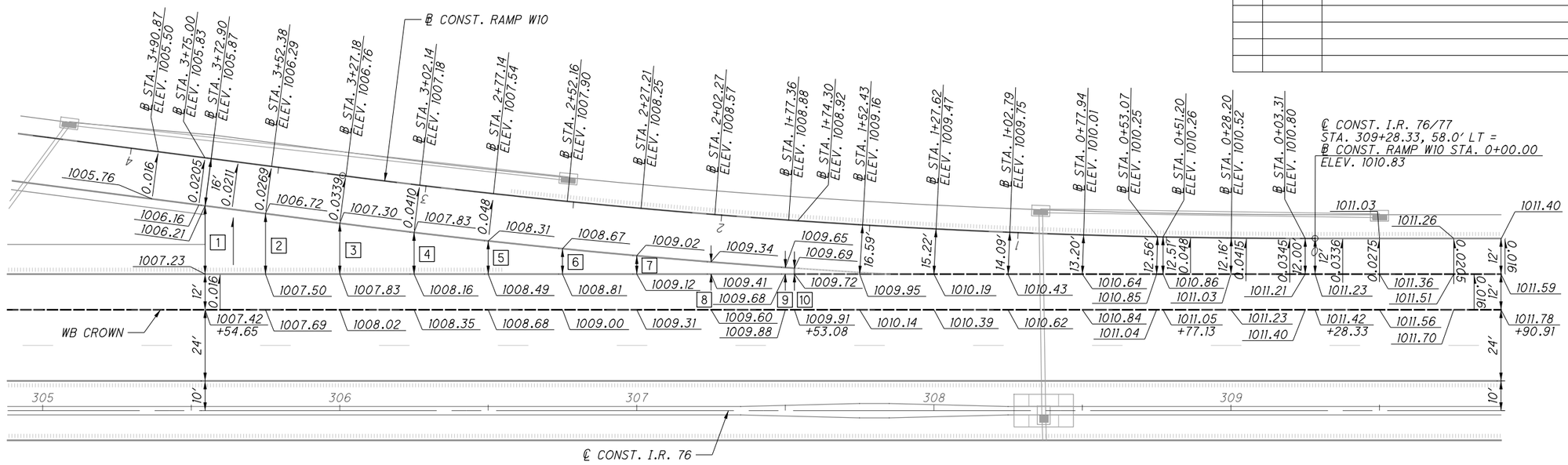
2026-03-24 - BU-32 - RECORD DRAWING PLANS

PARSONS
pw:\\VANVA01PWINT01.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Roadway\Sheets\BU-32\102329_BU-32_GI006.dgn-2/16/2022-5:19:10 PM-p007870A

BU-32

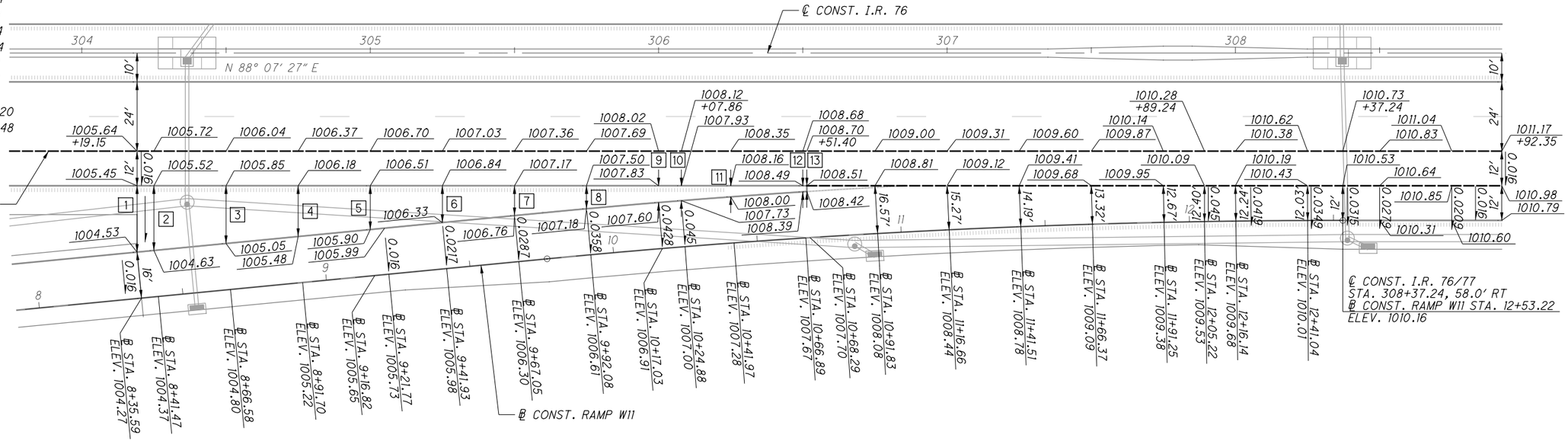
GORE SLOPE - RAMP W10

1. 23' @ -0.0441
2. 20.36' @ -0.0381
3. 17.12' @ -0.0307
4. 14.02' @ -0.0234
5. 11.16' @ -0.016
6. 8.55' @ -0.016
7. 6.19' @ -0.016
8. 4.08' @ -0.016
9. 2.21' @ -0.016
10. 2' @ -0.016



GORE SLOPE - RAMP W11

1. 23' @ -0.04
2. 22.43' @ -0.04
3. 20.01' @ -0.04
4. 17.60' @ -0.04
5. 15.18' @ -0.04
6. 12.76' @ -0.04
7. 10.34' @ -0.04
8. 7.96' @ -0.04
9. 5.78' @ -0.04
10. 5.15' @ -0.04
11. 3.83' @ -0.0420
12. 2.09' @ -0.0448
13. 2' @ -0.045



NOTE: ELEVATIONS SHOWN AT 25' INTERVALS UNLESS OTHERWISE NOTED.

ISSUE RECORD:		
NO.	DATE	DESCRIPTION

HORIZONTAL SCALE IN FEET
0 10 20 40

CALCULATED GLW CHECKED SGM

RAMP TERMINAL DETAIL
RAMP W10 & RAMP W11 AT LAKE SHORE BLVD.

SUM-76/77/8-
8.24/9.74/0.00

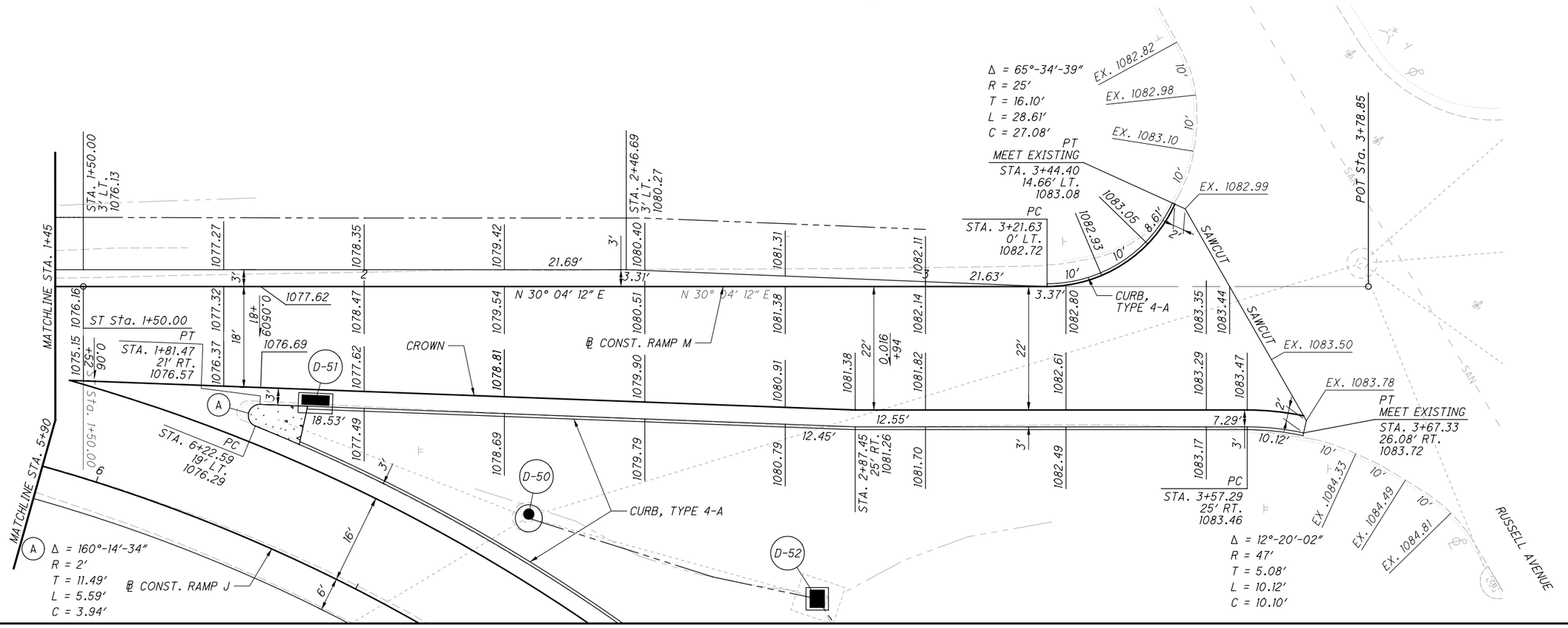
2026-03-24 - BU-32 - RECORD DRAWING PLANS

PARSONS
pw:\\VANYA01PWINT01.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Roadway\Sheets\BU-32\102329_BU-32_GI007.dgn-2/16/2022-5:19:35 PM-p007870A

BU-32

NOTE:
1. ELEVATIONS ARE GIVEN AT THE PAVEMENT SURFACE.
2. ELEVATIONS GIVEN AT THE FACE OF CURB ARE AT THE BOTTOM OF THE CURB FACE.
3. ELEVATIONS ARE SHOWN AT +25 INTERVALS UNLESS OTHERWISE SHOWN.
4. STATIONING IS ALONG THE NEAREST ALIGNMENT UNLESS OTHERWISE SHOWN.

ISSUE RECORD:		
NO.	DATE	DESCRIPTION



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2026-03-24 - BU-32 - RECORD DRAWING PLANS

HORIZONTAL SCALE IN FEET
0 5 10 20

CALCULATED GLW
CHECKED JFM

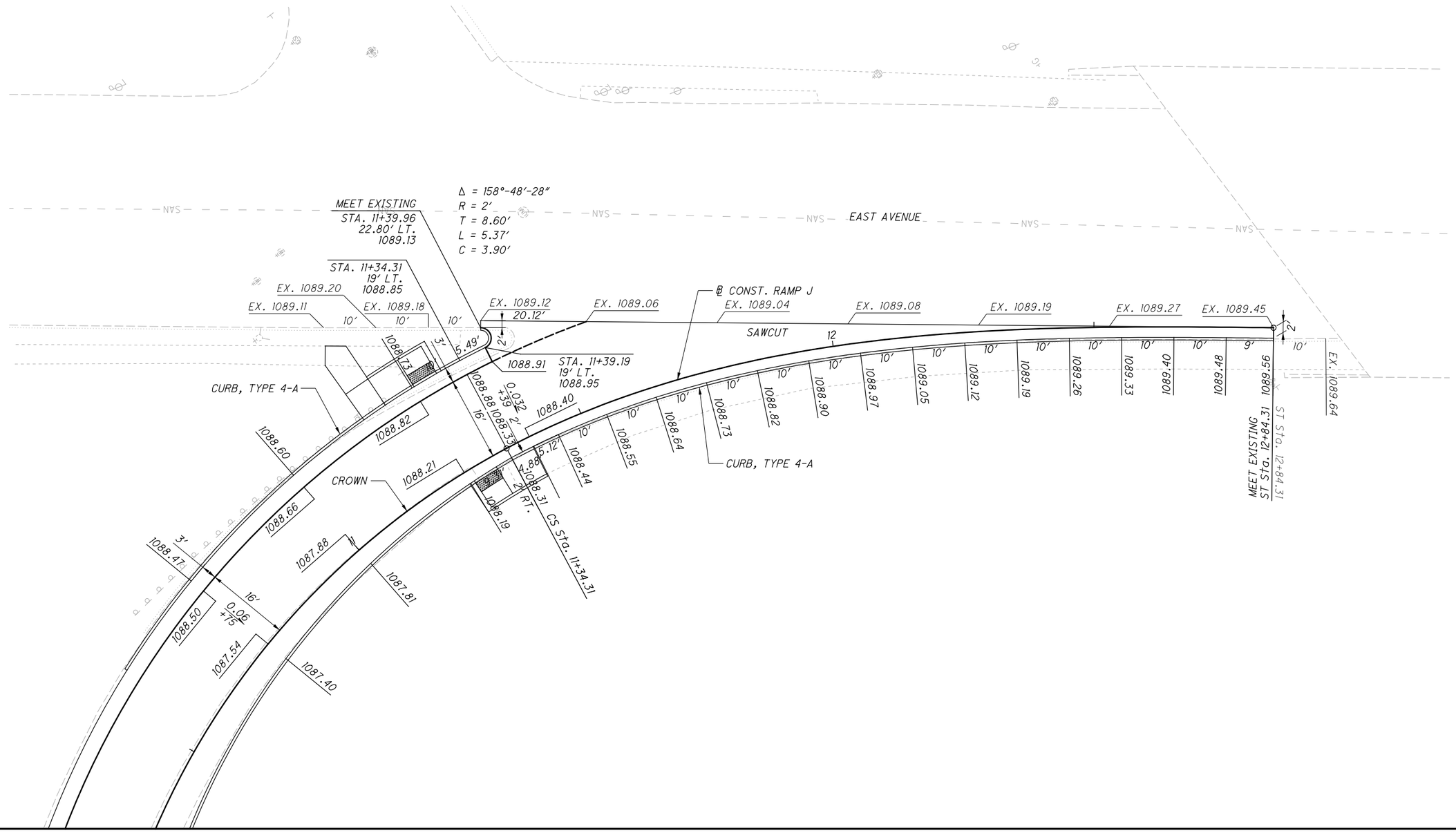
INTERSECTION DETAIL
RAMP M AT RUSSELL AVENUE

SUM-76/77/8-
8.24/9.74/0.00

NOTE:
1. ELEVATIONS ARE GIVEN AT THE PAVEMENT SURFACE.
2. ELEVATIONS GIVEN AT THE FACE OF CURB ARE AT THE BOTTOM OF THE CURB FACE.
3. ELEVATIONS ARE SHOWN AT +25 INTERVALS UNLESS OTHERWISE SHOWN.
4. STATIONING IS ALONG THE NEAREST ALIGNMENT UNLESS OTHERWISE SHOWN.

ISSUE RECORD:

NO.	DATE	DESCRIPTION



CALCULATED GLW
CHECKED JFM

HORIZONTAL SCALE IN FEET
0 5 10 20

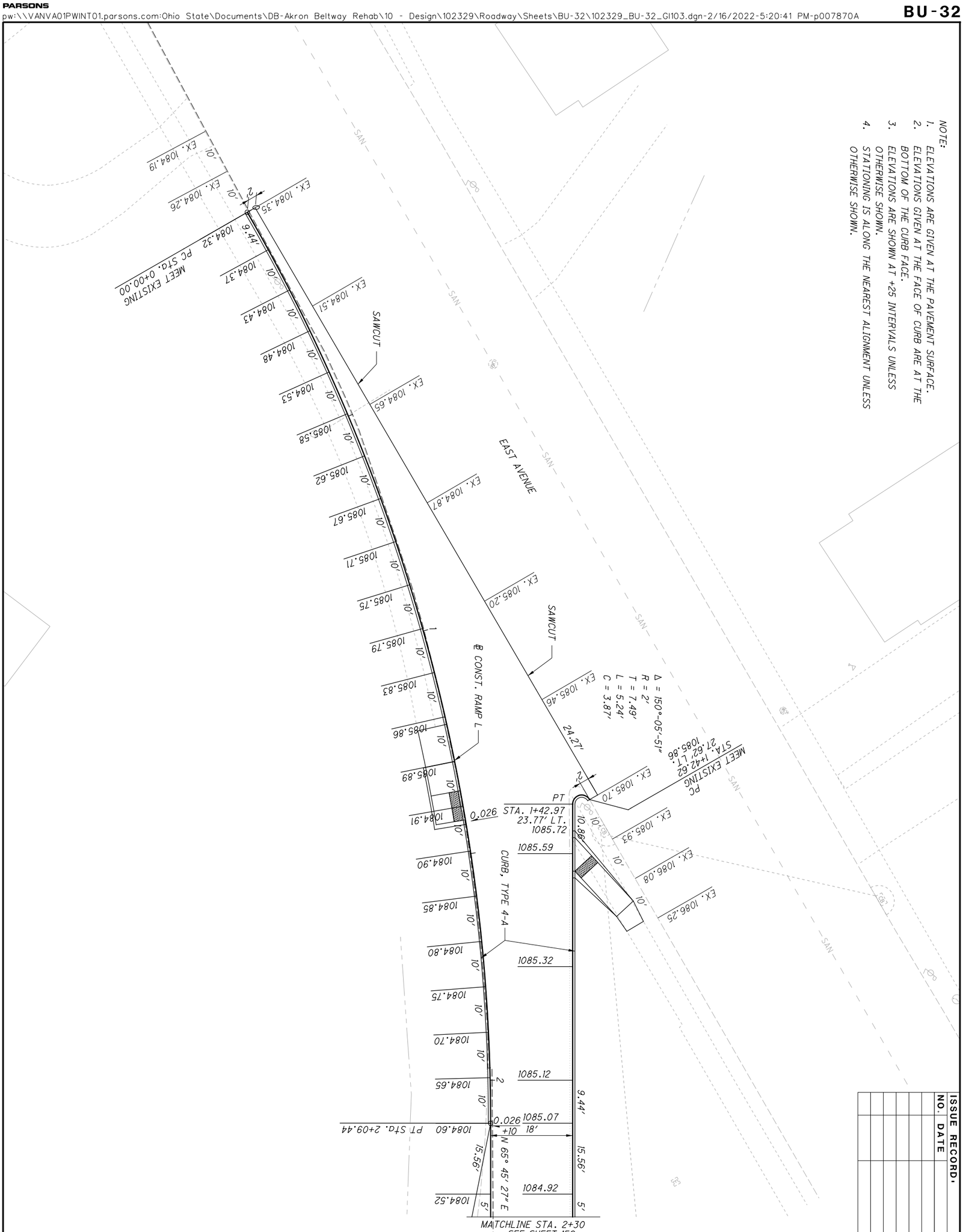
INTERSECTION DETAIL
RAMP J AT EAST AVENUE

SUM-76/77/8-
8.24/9.74/0.00

154
188

2026-03-24 - BU-32 - RECORD DRAWING PLANS

PARSONS
pw:\\VANVA01PWINT01.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Roadway\Sheets\BU-32\102329_BU-32_GI102.dgn-2/16/2022-5:20:20 PM-p007870A

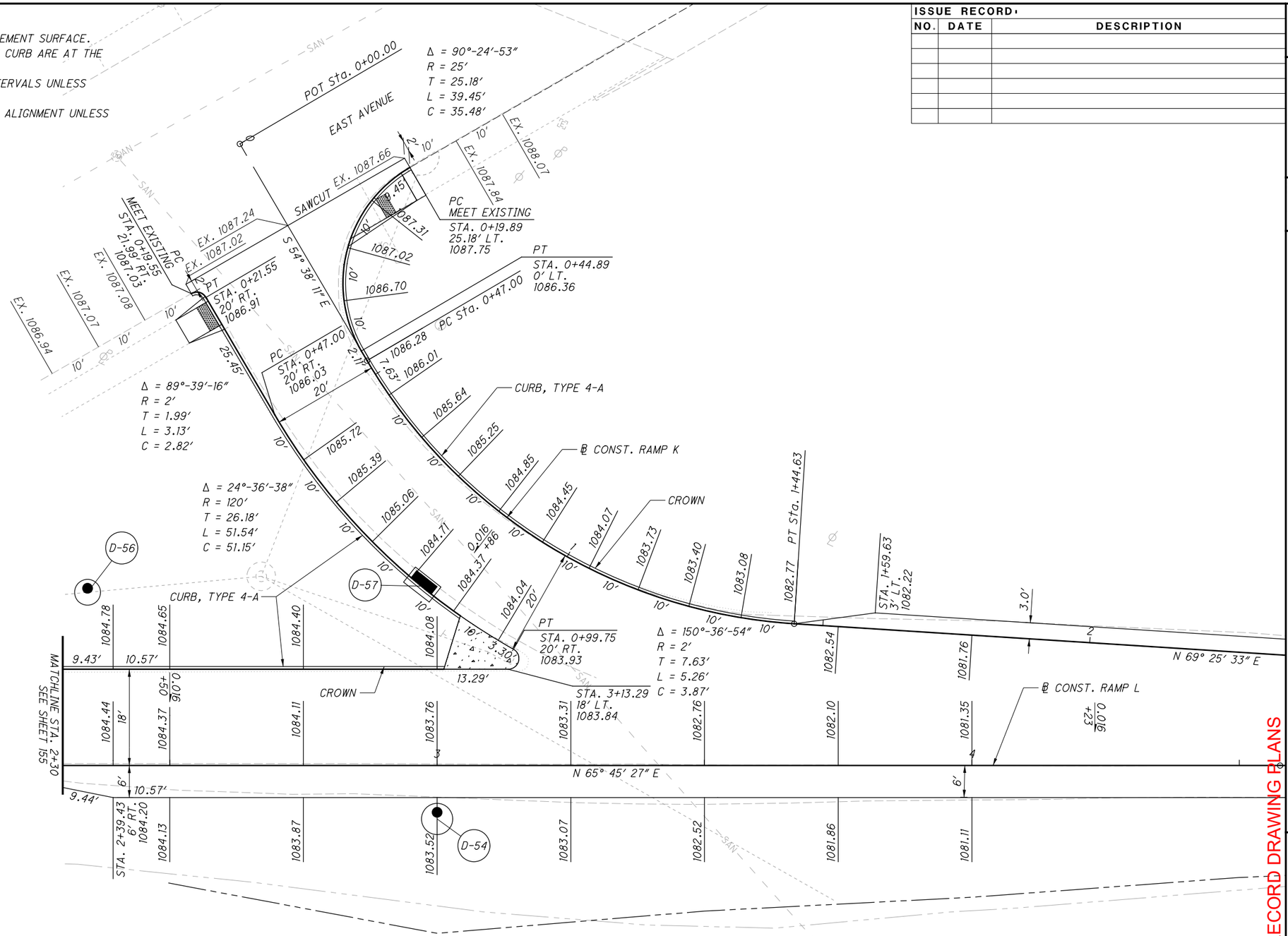


NO.	DATE	DESCRIPTION
		ISSUE RECORD:

2026-03-24 - BU-32 - RECORD DRAWING PLANS

155 / 188	SUM-76/77/8- 8.24/9.74/0.00	INTERSECTION DETAIL RAMP L AT EAST AVENUE	CALCULATED GLW CHECKED JFM	0 10 5 20 HORIZONTAL SCALE IN FEET

NOTE:
1. ELEVATIONS ARE GIVEN AT THE PAVEMENT SURFACE.
2. ELEVATIONS GIVEN AT THE FACE OF CURB ARE AT THE BOTTOM OF THE CURB FACE.
3. ELEVATIONS ARE SHOWN AT +25 INTERVALS UNLESS OTHERWISE SHOWN.
4. STATIONING IS ALONG THE NEAREST ALIGNMENT UNLESS OTHERWISE SHOWN.



ISSUE RECORD:		
NO.	DATE	DESCRIPTION

HORIZONTAL SCALE IN FEET
0 5 10 20

CALCULATED GLW
CHECKED JFM

INTERSECTION DETAIL RAMP K AT EAST AVENUE

SUM-76/77/8-8.24/9.74/0.00

156
188

2026-03-24 - BU-32 - RECORD DRAWING PLANS

PARSONS
p:\\VANVA01PWINT01.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Roadway\Sheets\BU-32\102329_BU-32_GI104.dgn-2/16/2022-5:20:50 PM-p007870A

BU-32

NOTE:
1. ELEVATIONS ARE GIVEN AT THE PAVEMENT SURFACE.
2. ELEVATIONS GIVEN AT THE FACE OF CURB ARE AT THE BOTTOM OF THE CURB FACE.
3. ELEVATIONS ARE SHOWN AT +25 INTERVALS UNLESS OTHERWISE SHOWN.
4. STATIONING IS ALONG THE NEAREST ALIGNMENT UNLESS OTHERWISE SHOWN.

ISSUE RECORD:		
NO.	DATE	DESCRIPTION

969.70 969.51 969.19 968.94 968.76 968.68 968.65 968.63 968.61 968.59 968.60 968.57 968.52 968.48 968.43 968.39 968.34 D-95 968.30

12.66′ PC Sta. 8+87.34 — ℄ CONST. RAMP G — 18.44′ — 13.90′ — 10′ — 10′ — 10′ — 10′ — 10′ — 10′ — 10′ — 10′ — 10′ — 11 — 10′ — 10′

0.016 +70 — 0.023 +93 — 16′ — D-96 — 969.07 — STA. 9+93.44 16′ RT. 969.05 — 969.18 — N: 509661.47 E: 2231750.70 969.14

Δ = 175°-21′-39″
R = 2′
T = 49.37′
L = 6.12′
C = 4.00′

969.51 969.41 969.21 969.09 969.08 969.50 969.39 969.34 969.25 969.10 968.94 968.82 — MATCHLINE STA. 11+30 SEE BELOW

SOUTH STREET — 14′ — 14′ — SAWCUT — 0.018 — 0.020 — 0.021 — 0.023 — 0.023 — 17.84′

10′ — 10′ — 10′ — EX. 969.77 — EX. 969.70 — EX. 969.66 — PC MEET EXISTING STA. 9+85.56 48.65′ RT. 969.56 — D-97 — 969.15 — 969.09 — 969.00 — 968.84 — 968.69 — 968.58

Δ = 8°-16′-05″
R = 2239′
T = 161.83′
L = 323.10′
C = 322.82′

968.30 968.24 968.18 968.11 968.03 967.94 967.85 967.75 967.65 967.54 967.43 967.32 967.21 967.09 D-92 966.98 966.86 966.75 PT MEET EXISTING N: 509692.68 E: 2232065.62 966.61 EX. 966.49 EX. 966.37 EX. 966.24

7.34′ — 10′ — 10′ — 10′ — ℄ CONST. RAMP G — 10′ — 10′ — 10.20′ — 10′ — 10′ — 10′ — 10′ — 10′ — 10′ — PRC N: 509691.65 E: 2232032.95 — 10.07′ — 10′ — 10′ — 12.69′ — 10′ — 10′ — 10′

Δ = 1°-53′-24″
R = 2428′
T = 40.05′
L = 80.09′
C = 80.08′

Δ = 0°-49′-32″
R = 2268′
T = 16.34′
L = 32.69′
C = 32.69′

MATCHLINE STA. 11+30 SEE ABOVE — 968.82 — 0.021 — 968.71 — 0.020 — 969.53 — PT Sta. 11+97.54 — 0.019 — 968.28 — 0.016 — 967.92 — 0.011 — 967.54 — 0.001 — 967.18 — 0.001 — 966.84 — EX. 966.67 — SAWCUT — 20′ — SOUTH STREET

CROWN — 0.023 — 0.023 — 17.40′ — 12.86′ — 9′ — 10′ — 10′ — 10′ — EX. 966.34 — EX. 966.11 — EX. 965.95

968.58 968.47 968.31 968.06 967.71 967.32 966.98 D-94 966.63 966.46 PT MEET EXISTING N: 509663.41 E: 2232066.34 966.46

Δ = 8°-16′-05″
R = 2239′
T = 161.83′
L = 323.10′
C = 322.82′

2026-03-24 - BU-32 - RECORD DRAWING PLANS

HORIZONTAL SCALE IN FEET: 0 5 10 20

CALCULATED GLW CHECKED JFM

INTERSECTION DETAIL
RAMP G AT SOUTH STREET

SUM-76/77/8-
8.24/9.74/0.00

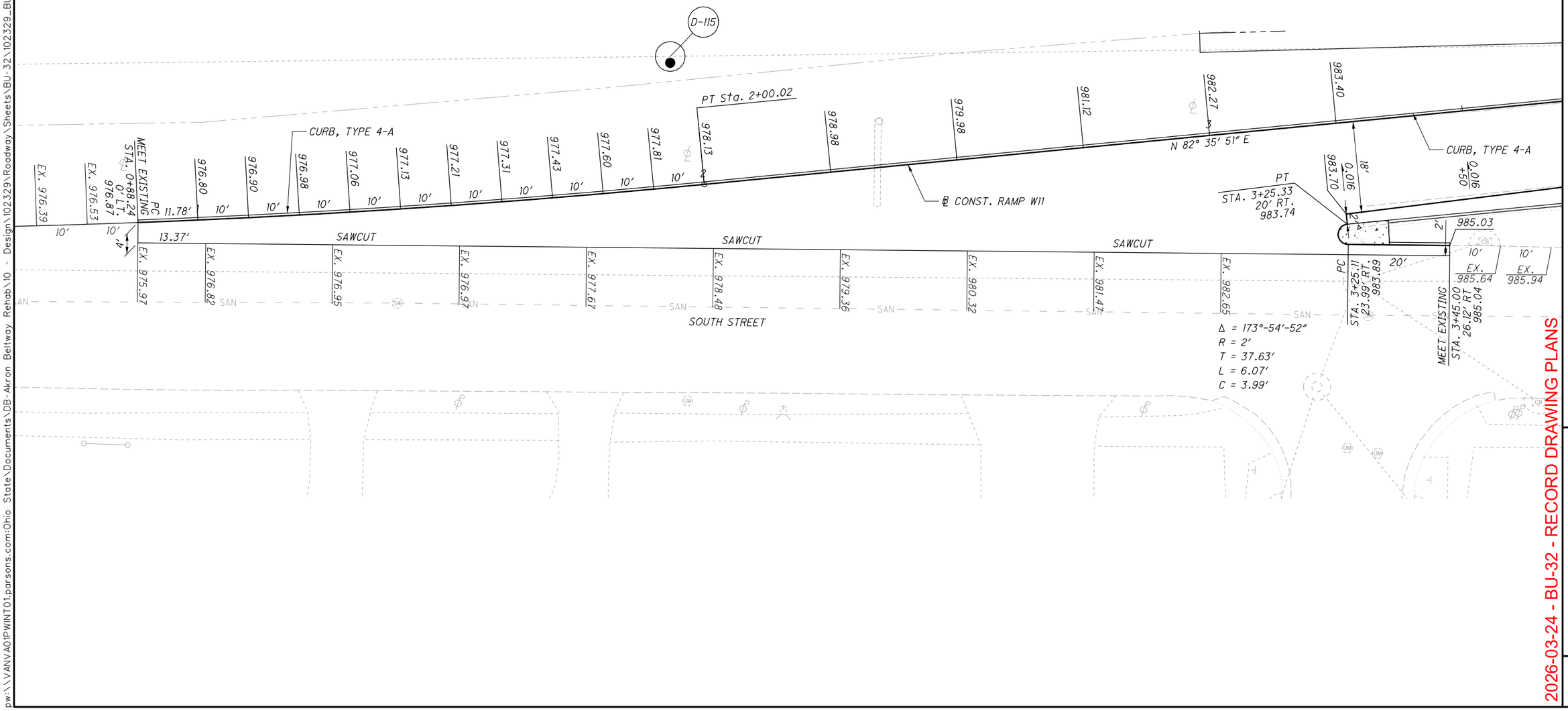
157
188

PARSONS
pw:\\VANVA01PWINT01.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Roadway\Sheets\BU-32\102329_BU-32_GI105.dgn 2/16/2022 5:21:03 PM p007870A

BU-32

NOTE:
1. ELEVATIONS ARE GIVEN AT THE PAVEMENT SURFACE.
2. ELEVATIONS GIVEN AT THE FACE OF CURB ARE AT THE BOTTOM OF THE CURB FACE.
3. ELEVATIONS ARE SHOWN AT +25 INTERVALS UNLESS OTHERWISE SHOWN.
4. STATIONING IS ALONG THE NEAREST ALIGNMENT UNLESS OTHERWISE SHOWN.

ISSUE RECORD:		
NO.	DATE	DESCRIPTION



2026-03-24 - BU-32 - RECORD DRAWING PLANS

INTERSECTION DETAIL
SOUTH STREET
RAMP W11 AT SOUTH STREET

SUM-76/77/8-
8.24/9.74/0.00

158
188

HORIZONTAL SCALE IN FEET
0 5 10 20

CALCULATED GLW
CHECKED JFM

PARSONS
pw:\\VANVA01PWINT01.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Roadway\Sheets\BU-32\102329_BU-32_GI106.dgn 2/16/2022 5:21:15 PM p007870A

BU-32

NOTE:
1. ELEVATIONS ARE GIVEN AT THE PAVEMENT SURFACE.
2. ELEVATIONS GIVEN AT THE FACE OF CURB ARE AT THE BOTTOM OF THE CURB FACE.
3. ELEVATIONS ARE SHOWN AT +25 INTERVALS UNLESS OTHERWISE SHOWN.
4. STATIONING IS ALONG THE NEAREST ALIGNMENT UNLESS OTHERWISE SHOWN.

ISSUE RECORD:		
NO.	DATE	DESCRIPTION

HORIZONTAL SCALE IN FEET
0 5 10 20

CALCULATED GLW
CHECKED JFM

SUM-59-0019L
RAMP SW BRIDGE

℄ CONST. RAMP W10

PC Sta. 11+32.99

CURB, TYPE 4-A

PT Sta. 12+48.76

STA. 10+37.76
0' LT.
976.65

N 84° 29' 21" W

CURB, TYPE 4-A

PC
STA. 10+37.76
14.71' RT.
976.41

Δ = 172°-59'-20"
R = 2'
T = 32.65'
L = 6.04'
C = 3.99'

PT
STA. 10+38.03
18.69' RT.
976.42

MEET EXISTING
STA. 10+36.05
18.95' RT.
976.50'

SAWCUT

CROWN

RUSSELL AVENUE

CURB, TYPE 4-A

MEET EXISTING
STA. 10+39.59
46.23' RT.
976.48

SAWCUT

MEET EXISTING
N: 510073.11
E: 2233469.50
972.98

MEET EXISTING
N: 510045.18
E: 2233470.05
972.82

SAWCUT

D-143 D-144 D-145 D-146

EX. 977.53 EX. 977.14 EX. 976.88 EX. 977.35 EX. 977.10 EX. 976.81 EX. 973.09 EX. 973.21 EX. 973.33 EX. 972.98 EX. 973.14 EX. 973.30

2026-03-24 - BU-32 - RECORD DRAWING PLANS

INTERSECTION DETAIL
RAMP W10 AT RUSSELL AVENUE

SUM-76/77/8-
8.24/9.74/0.00

159
188

PARSONS
pw:\\VANVA01PWINT01.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Roadway\Sheets\BU-32\102329_BU-32_GI107.dgn 2/16/2022 5:21:25 PM p007870A

BU-32

NOTE:
1. ELEVATIONS ARE GIVEN AT THE PAVEMENT SURFACE.
2. ELEVATIONS GIVEN AT THE FACE OF CURB ARE AT THE BOTTOM OF THE CURB FACE.
3. ELEVATIONS ARE SHOWN AT +25 INTERVALS UNLESS OTHERWISE SHOWN.
4. STATIONING IS ALONG THE NEAREST ALIGNMENT UNLESS OTHERWISE SHOWN.

DRAINAGE DATA:

D-150 — STA. 8+26.00, 19' RT
CB-3, GRATE ELEVATION 1027.39'
12" (W) 1023.40'

D-151 — STA. 8+05.83, 19' LT
CB-3, GRATE ELEVATION 1027.84'
12" (E) 1022.80'
12" (W) 1022.80'
8' PROPOSED 12" CONDUIT, TYPE C WITH CONCRETE COLLAR
ABANDON EXISTING INLET

ISSUE RECORD:

NO.	DATE	DESCRIPTION
AB	1/8/2024	EXISTING STORM INLET AND PIPE INFO

HORIZONTAL SCALE IN FEET: 0, 5, 10, 20

CALCULATED GLW
CHECKED GF

INTERSECTION DETAIL
PRINCETON STREET AT SOUTH STREET AND PRINCETON STREET AT RUSSELL AVENUE

SUM-76/77/8-8.24/9.74/0.00

160
188

2026-03-24 - BU-32 - RECORD DRAWING PLANS

PARSONS
pw:\\VANVA01PWINT01.Parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Roadway\Sheets\BU-32\102329_BU-32_GI108.dgn 2/26/2024 2:52:23 PM p005631H

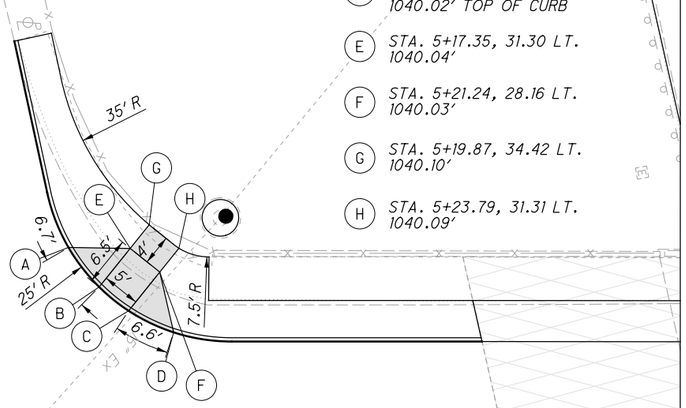
EX. 1039.53
EX. 1039.87
PT STA. 5+02.03 58.65' LT. 1039.34
1039.45
PC STA. 5+06.37 38.69' LT. 1039.49
1039.49
Δ = 77°-43'-47" (RT)
R = 25'
T = 20.15'
L = 33.92'
C = 31.37'
Sta. 5+30.80 44.00' LT.
BRIDGE SUM-76-0994
SAWCUT
FACE OF CURB/SAWCUT
0.43'
3.92'
8.03'
5.4'
19.0'
1039.53
1039.50
PT STA. 5+30.80 19.00' LT. 1039.41
1038.77
PT STA. 5+63.83 19.00' LT. 1038.56
12" Ex
SAN
N 10° 54' 40" E
PRINCETON STREET
℄ CONST. PRINCETON ST.
N: 509751.96
E: 2234957.09
POT Sta. 5+00.00
PT STA. 5+43.73 19.00' RT. 1039.14
1039.28
1039.65
SOUTH STREET
5.70'
28.68'
SAWCUT
FACE OF CURB/SAWCUT
Sta. 5+43.73 39.00' RT.
1039.98
PC STA. 5+24.19 43.25' RT. 1040.43
1040.71
Δ = 102°-16'-13" (RT)
R = 20'
T = 24.82'
L = 35.70'
C = 31.15'
9.26'
PT STA. 5+28.31 62.17' RT. 1041.41
EX. 1041.35
EX. 1041.49

EX. 1027.05
EX. 1027.14
Δ = 102°-24'-16" (RT)
R = 20'
T = 24.88'
L = 35.75'
C = 31.17'
PT STA. 8+25.00 58.78' LT. 1027.13
1027.17
PT STA. 8+28.41 43.30' LT. 1027.27
1027.33
Sta. 8+08.87 39.00' LT.
SAWCUT
FACE OF CURB/SAWCUT
D-151
5.86'
5.75'
14.60'
1027.43
1027.58
RUSSELL AVENUE
PT STA. 7+69.27 19.00' LT. 1029.59
19.0'
1028.49
PC STA. 8+08.87 19.00' LT. 1027.88
POT Sta. 8+52.20
N: 510097.79
E: 2235023.76
PT STA. 7+77.99 19.00' RT. 1029.32
1028.32
D-150
1027.49
PC STA. 8+30.05 19.00' RT. 1027.43
1027.29
2.06'
5.4'
FACE OF CURB/SAWCUT
SAWCUT
BRIDGE SUM-76-0994
SEE BU-16 FOR PROPOSED WORK
Sta. 8+30.05 34.00' RT.
Δ = 77°-35'-44" (RT)
R = 15'
T = 12.06'
L = 20.31'
C = 18.80'
9.79'
5.0'
1027.17
PT STA. 8+44.70 30.78' RT. 1027.16
PT STA. 8+46.74 40.04' RT. 1027.09
EX. 1027.23
EX. 1027.16

℄ CONST. I.R. 76
PI Sta. 311+78.59 ℄ CONST. I.R. 76 =
PI Sta. 6+71.08 ℄ CONST. PRINCETON ST.
77°-12'-50"
102°-47'-12"
N 10° 54' 40" E
102°-47'-12"
77°-12'-50"
DETAIL A
℄ CONST. PRINCETON ST.

BU-32

NOTE:
ELEVATIONS ARE GIVEN AT THE PAVEMENT SURFACE.
ELEVATIONS GIVEN AT THE FACE OF CURB ARE AT THE BOTTOM OF CURB.

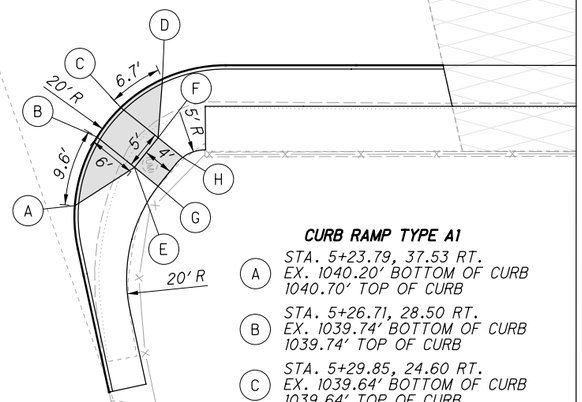


CURB RAMP TYPE A1

- (A) STA. 5+09.20, 31.41 LT.
  EX. 1039.52' BOTTOM OF CURB
  1040.02' TOP OF CURB
- (B) STA. 5+13.24, 26.20 LT.
  EX. 1039.54' BOTTOM OF CURB
  1039.54' TOP OF CURB
- (C) STA. 5+17.14, 23.06 LT.
  EX. 1039.53' BOTTOM OF CURB
  1039.53' TOP OF CURB
- (D) STA. 5+23.09, 20.22 LT.
  EX. 1039.52' BOTTOM OF CURB
  1040.02' TOP OF CURB
- (E) STA. 5+17.35, 31.30 LT.
  1040.04'
- (F) STA. 5+21.24, 28.16 LT.
  1040.03'
- (G) STA. 5+19.87, 34.42 LT.
  1040.10'
- (H) STA. 5+23.79, 31.31 LT.
  1040.09'

N: 509751.96
E: 2234957.09
POT Sta. 5+00.00

℄ CONST. PRINCETON ST.

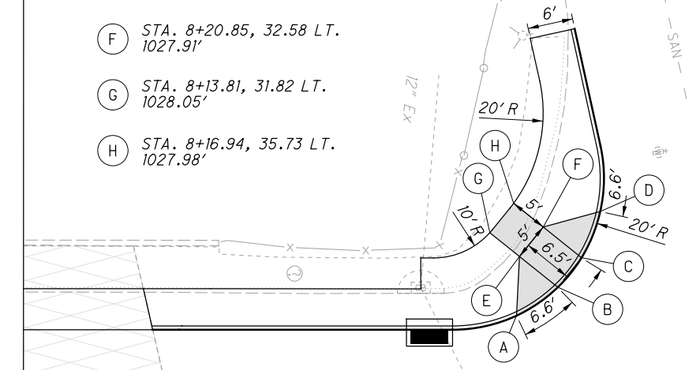


CURB RAMP TYPE A1

- (A) STA. 5+23.79, 37.53 RT.
  EX. 1040.20' BOTTOM OF CURB
  1040.70' TOP OF CURB
- (B) STA. 5+26.71, 28.50 RT.
  EX. 1039.74' BOTTOM OF CURB
  1039.74' TOP OF CURB
- (C) STA. 5+29.85, 24.60 RT.
  EX. 1039.64' BOTTOM OF CURB
  1039.64' TOP OF CURB
- (D) STA. 5+35.36, 20.84 RT.
  EX. 1039.39' BOTTOM OF CURB
  1039.89' TOP OF CURB
- (E) STA. 5+31.65, 32.48 RT.
  1040.15'
- (F) STA. 5+34.79, 28.58 RT.
  1040.10'
- (G) STA. 5+34.77, 34.99 RT.
  1040.15'
- (H) STA. 5+38.02, 31.18 RT.
  1040.15'

CURB RAMP TYPE A1

- (A) STA. 8+17.34, 20.88 LT.
  EX. 1027.64' BOTTOM OF CURB
  1028.14' TOP OF CURB
- (B) STA. 8+22.77, 24.62 LT.
  EX. 1027.49' BOTTOM OF CURB
  1027.49' TOP OF CURB
- (C) STA. 8+25.91, 28.52 LT.
  EX. 1027.42' BOTTOM OF CURB
  1027.42' TOP OF CURB
- (D) STA. 8+28.39, 34.63 LT.
  EX. 1027.36' BOTTOM OF CURB
  1027.86' TOP OF CURB
- (E) STA. 8+17.71, 28.69 LT.
  1027.98'
- (F) STA. 8+20.85, 32.58 LT.
  1027.91'
- (G) STA. 8+13.81, 31.82 LT.
  1028.05'
- (H) STA. 8+16.94, 35.73 LT.
  1027.98'

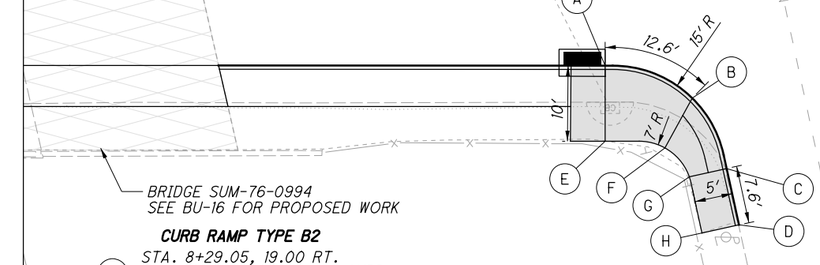


℄ CONST. PRINCETON ST.

POT Sta. 8+52.20

N: 510097.79
E: 2235023.76

PRINCETON STREET



BRIDGE SUM-76-0994
SEE BU-16 FOR PROPOSED WORK

CURB RAMP TYPE B2

- (A) STA. 8+29.05, 19.00 RT.
  EX. 1027.46' BOTTOM OF CURB
  1027.96' TOP OF CURB
- (B) STA. 8+40.56, 23.29 RT.
  EX. 1027.26' BOTTOM OF CURB
  1027.26' TOP OF CURB
- (C) STA. 8+45.10, 32.60 RT.
  EX. 1027.15' BOTTOM OF CURB
  1027.15' TOP OF CURB
- (D) STA. 8+46.74, 40.04 RT.
  EX. 1027.08' BOTTOM OF CURB
  1027.58' TOP OF CURB
- (E) STA. 8+29.05, 29.00 RT.
  1027.89'
- (F) STA. 8+36.96, 29.88 RT.
  1027.29'
- (G) STA. 8+40.17, 33.68 RT.
  1027.22'
- (H) STA. 8+41.83, 41.12 RT.
  1027.65'

ISSUE RECORD:		
NO.	DATE	DESCRIPTION

HORIZONTAL SCALE IN FEET
0 5 10 20

CALCULATED SRB
CHECKED JFM

CURB RAMP DETAIL
PRINCETON STREET AT SOUTH STREET AND PRINCETON STREET AT RUSSELL AVENUE

SUM-76/77/8-
8.24/9.74/0.00

2026-03-24 - BU-32 - RECORD DRAWING PLANS

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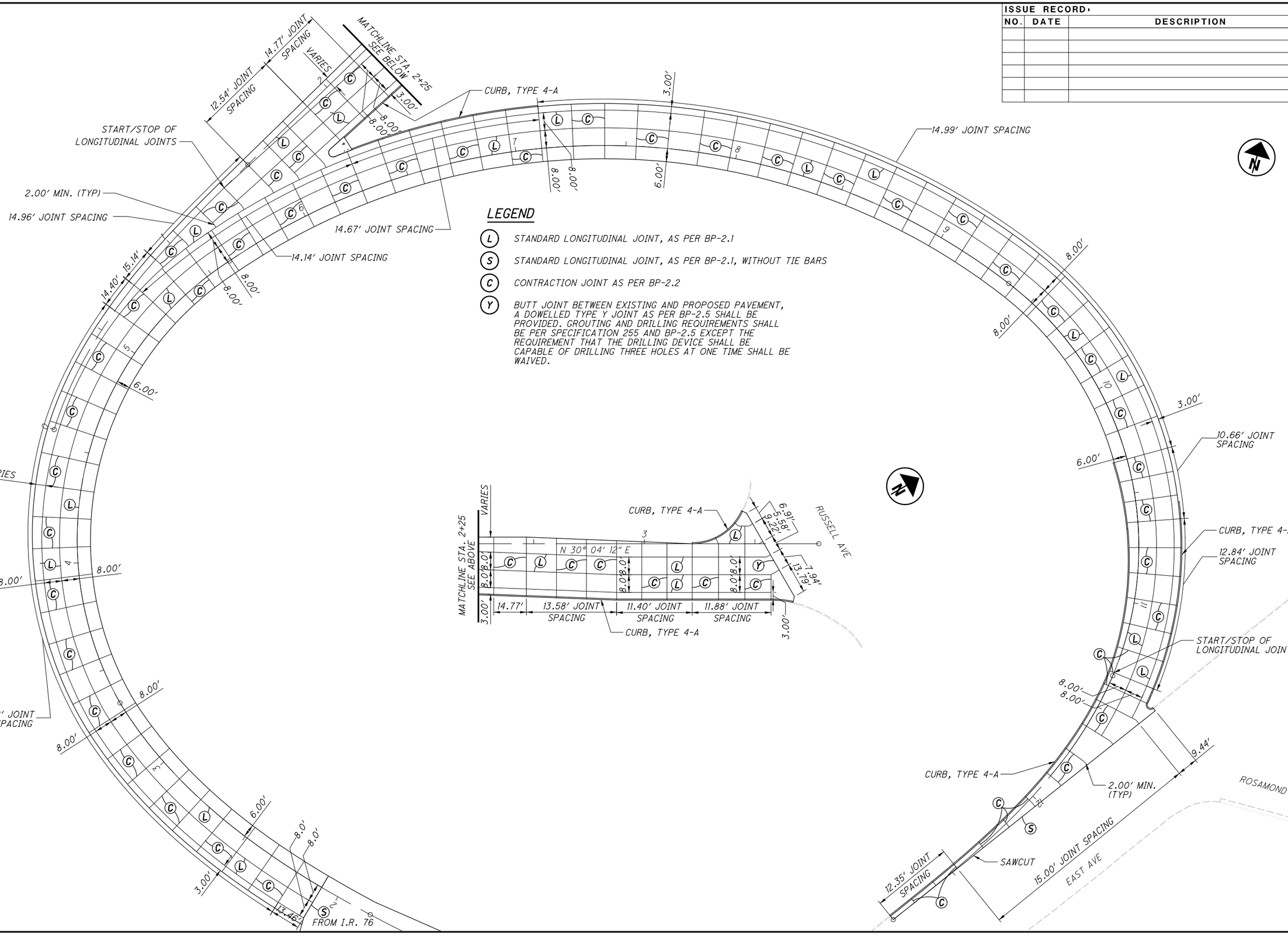
BU-32

ISSUE RECORD:		
NO.	DATE	DESCRIPTION



HORIZONTAL SCALE IN FEET
0 10 20 40

CALCULATED CAS
CHECKED JFM

PAVEMENT JOINT DETAIL
RAMP J AND RAMP M

SUM-76/77/8-8.24/9.74/0.00

162
188

2026-03-24 - BU-32 - RECORD DRAWING PLANS

PARSONS
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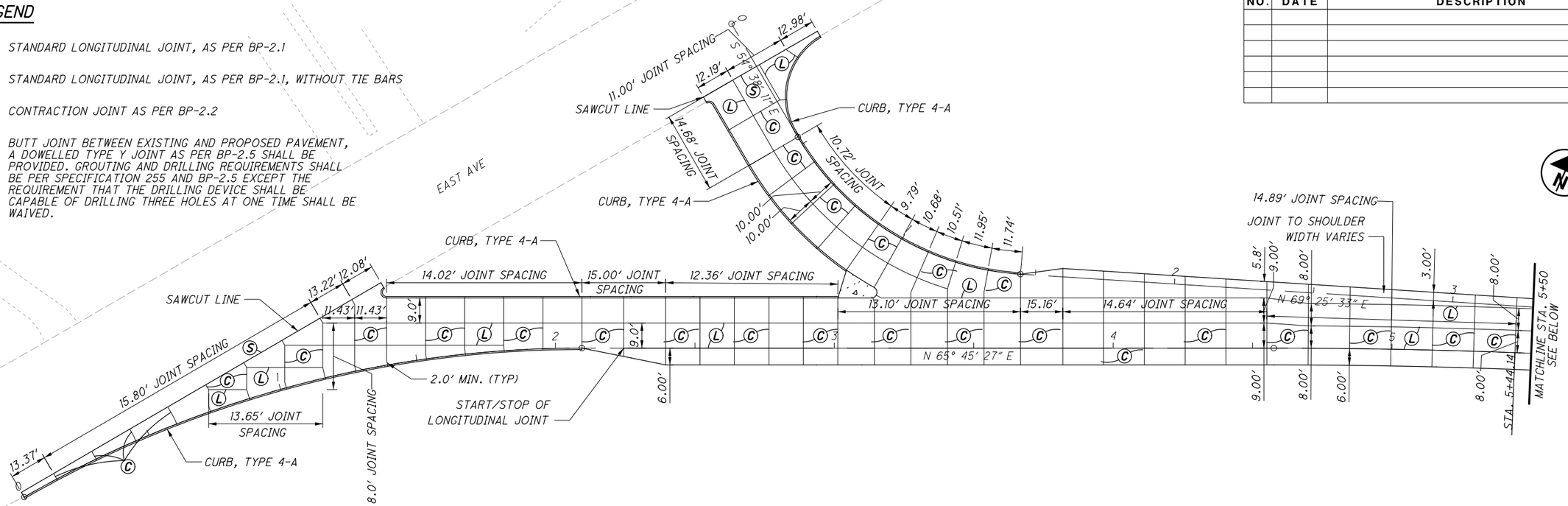
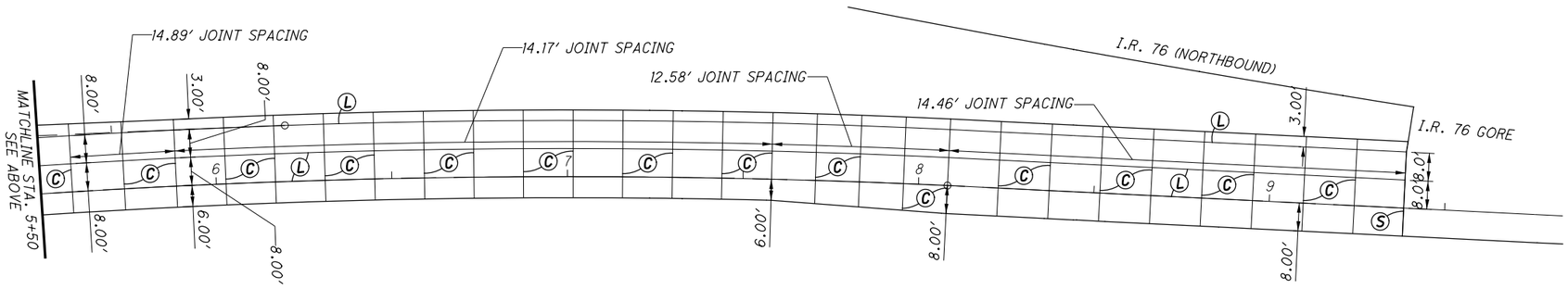
BU-32

LEGEND

- (L) STANDARD LONGITUDINAL JOINT, AS PER BP-2.1
- (S) STANDARD LONGITUDINAL JOINT, AS PER BP-2.1, WITHOUT TIE BARS
- (C) CONTRACTION JOINT AS PER BP-2.2
- (Y) BUTT JOINT BETWEEN EXISTING AND PROPOSED PAVEMENT, A DOWELLED TYPE Y JOINT AS PER BP-2.5 SHALL BE PROVIDED. GROUTING AND DRILLING REQUIREMENTS SHALL BE PER SPECIFICATION 255 AND BP-2.5 EXCEPT THE REQUIREMENT THAT THE DRILLING DEVICE SHALL BE CAPABLE OF DRILLING THREE HOLES AT ONE TIME SHALL BE WAIVED.

ISSUE RECORD:		
NO.	DATE	DESCRIPTION





2026-03-24 - BU-32 - RECORD DRAWING PLANS

HORIZONTAL SCALE IN FEET: 0, 10, 20, 40

CALCULATED CAS CHECKED JFM

PAVEMENT JOINT DETAIL
RAMP L AND RAMP K

SUM-76/77/8-
8.24/9.74/0.00

163
188

PARSONS
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BU-32

LEGEND

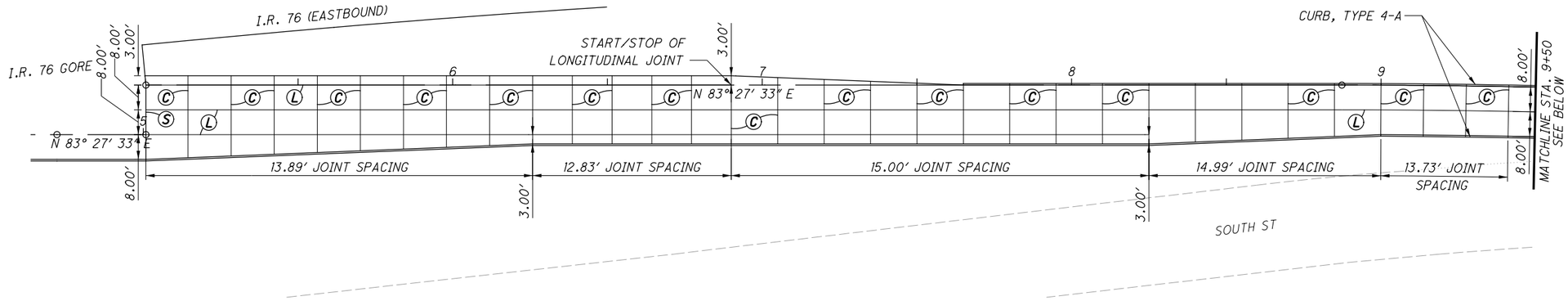
(L) STANDARD LONGITUDINAL JOINT, AS PER BP-2.1

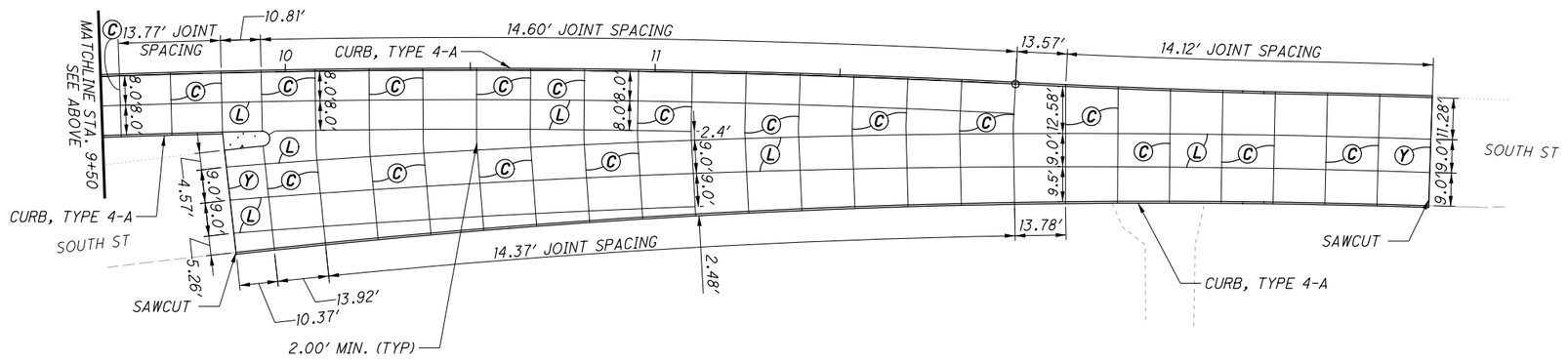
(S) STANDARD LONGITUDINAL JOINT, AS PER BP-2.1, WITHOUT TIE BARS

(C) CONTRACTION JOINT AS PER BP-2.2

(Y) BUTT JOINT BETWEEN EXISTING AND PROPOSED PAVEMENT, A DOWELLED TYPE Y JOINT AS PER BP-2.5 SHALL BE PROVIDED. GROUTING AND DRILLING REQUIREMENTS SHALL BE PER SPECIFICATION 255 AND BP-2.5 EXCEPT THE REQUIREMENT THAT THE DRILLING DEVICE SHALL BE CAPABLE OF DRILLING THREE HOLES AT ONE TIME SHALL BE WAIVED.

ISSUE RECORD:		
NO.	DATE	DESCRIPTION





HORIZONTAL SCALE IN FEET 0 10 20 40

CALCULATED CAS CHECKED JFM

PAVEMENT JOINT DETAIL RAMP G

SUM-76/77/8-8.24/9.74/0.00

164 188

2026-03-24 - BU-32 - RECORD DRAWING PLANS

PARSONS

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BU-32

LEGEND

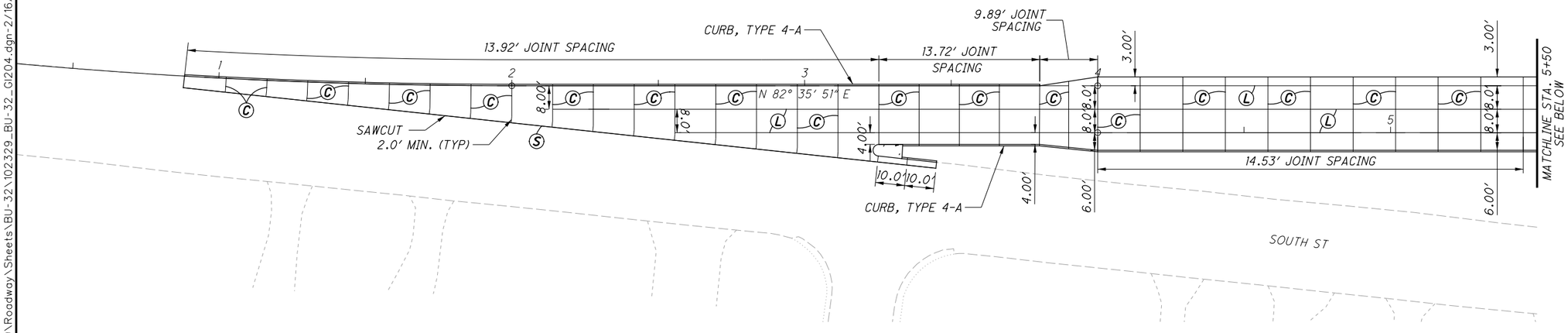
(L) STANDARD LONGITUDINAL JOINT, AS PER BP-2.1

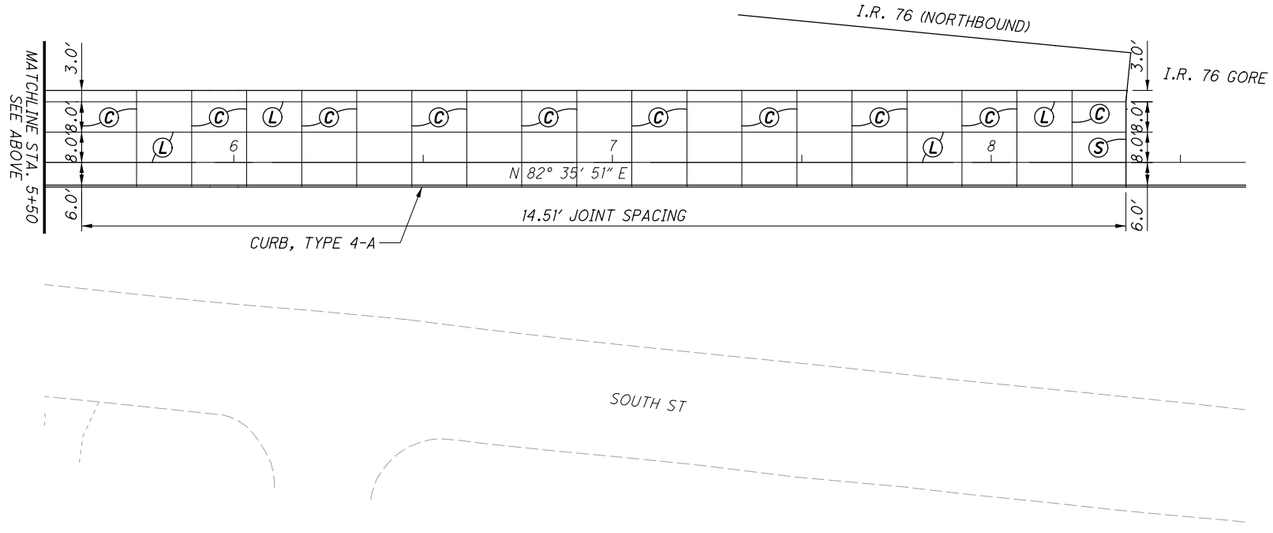
(S) STANDARD LONGITUDINAL JOINT, AS PER BP-2.1, WITHOUT TIE BARS

(C) CONTRACTION JOINT AS PER BP-2.2

(Y) BUTT JOINT BETWEEN EXISTING AND PROPOSED PAVEMENT, A DOWELLED TYPE Y JOINT AS PER BP-2.5 SHALL BE PROVIDED. GROUTING AND DRILLING REQUIREMENTS SHALL BE PER SPECIFICATION 255 AND BP-2.5 EXCEPT THE REQUIREMENT THAT THE DRILLING DEVICE SHALL BE CAPABLE OF DRILLING THREE HOLES AT ONE TIME SHALL BE WAIVED.

ISSUE RECORD:		
NO.	DATE	DESCRIPTION





HORIZONTAL SCALE IN FEET
0 10 20 40

CALCULATED CAS
CHECKED JFM

PAVEMENT JOINT DETAIL
RAMP W11

SUM-76/77/8-
8.24/9.74/0.00

165
188

2026-03-24 - BU-32 - RECORD DRAWING PLANS

PARSONS
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BU-32

LEGEND

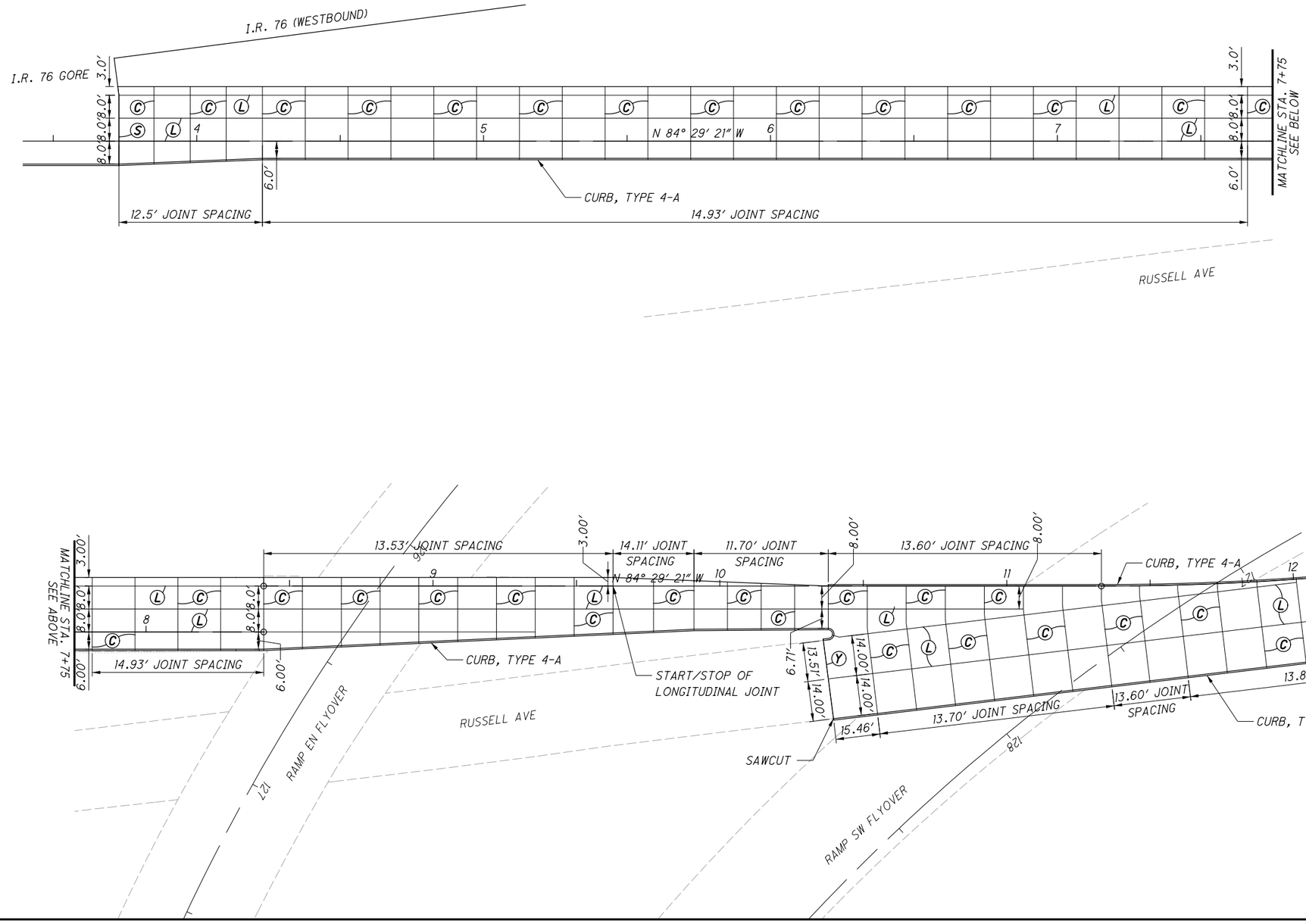
(L) STANDARD LONGITUDINAL JOINT, AS PER BP-2.1

(S) STANDARD LONGITUDINAL JOINT, AS PER BP-2.1, WITHOUT TIE BARS

(C) CONTRACTION JOINT AS PER BP-2.2

(Y) BUTT JOINT BETWEEN EXISTING AND PROPOSED PAVEMENT, A DOWELLED TYPE Y JOINT AS PER BP-2.5 SHALL BE PROVIDED. GROUTING AND DRILLING REQUIREMENTS SHALL BE PER SPECIFICATION 255 AND BP-2.5 EXCEPT THE REQUIREMENT THAT THE DRILLING DEVICE SHALL BE CAPABLE OF DRILLING THREE HOLES AT ONE TIME SHALL BE WAIVED.

ISSUE RECORD:		
NO.	DATE	DESCRIPTION



HORIZONTAL SCALE IN FEET
0 10 20 40

CALCULATED CAS
CHECKED JFM

PAVEMENT JOINT DETAIL RAMP W10

SUM-76/77/8-8.24/9.74/0.00

166
188

2026-03-24 - BU-32 - RECORD DRAWING PLANS

PARSONS
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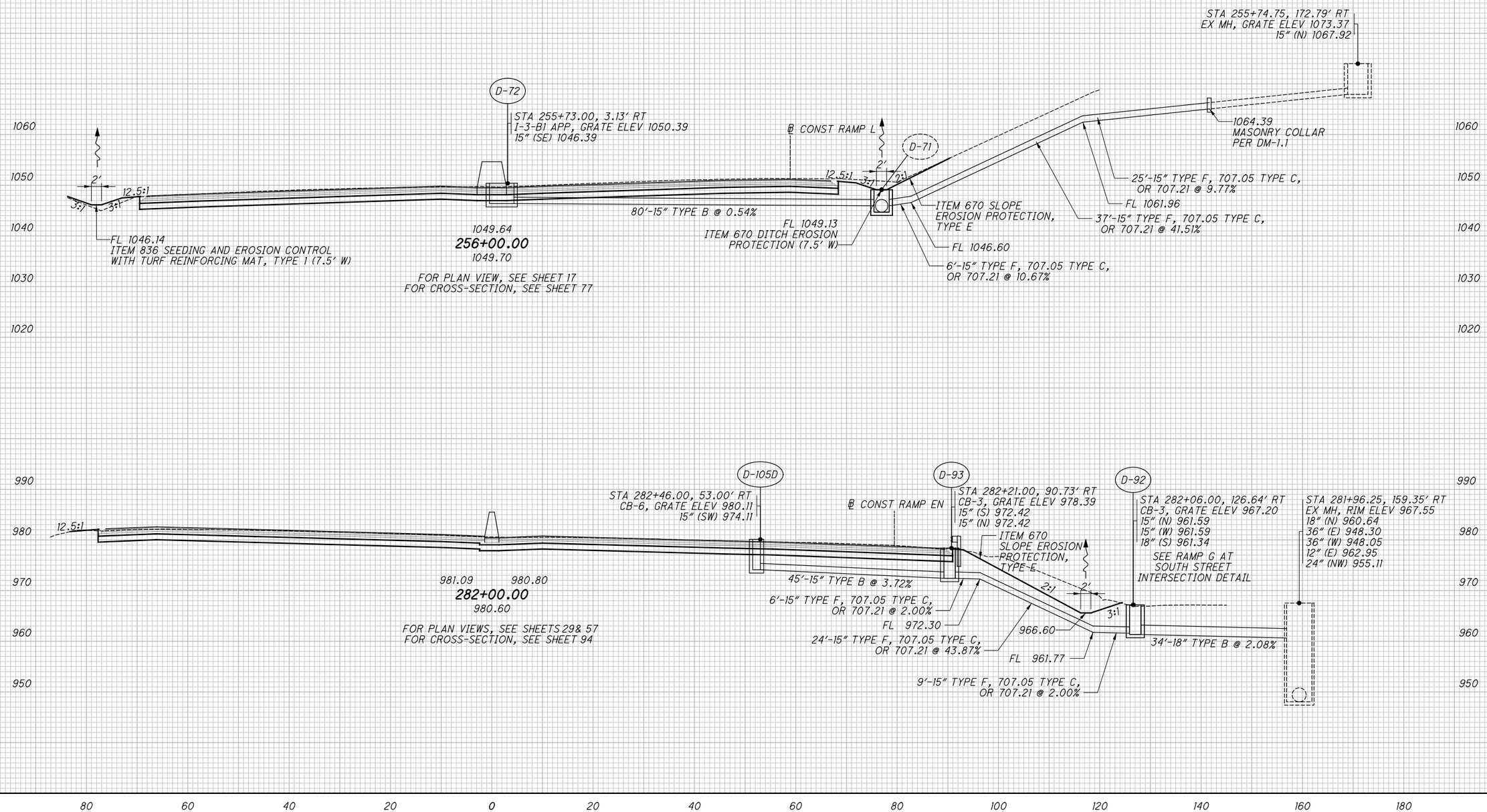
BU-32

ISSUE RECORD:		
NO.	DATE	DESCRIPTION



CALCULATED JDD
CHECKED MKM

STORM SEWER PROFILE - I.R. 76
STA. 256+00 & STA. 282+00

SUM-76/77/8-8.24/9.74/0.00

167
188

2026-03-24 - BU-32 - RECORD DRAWING PLANS

PARSONS
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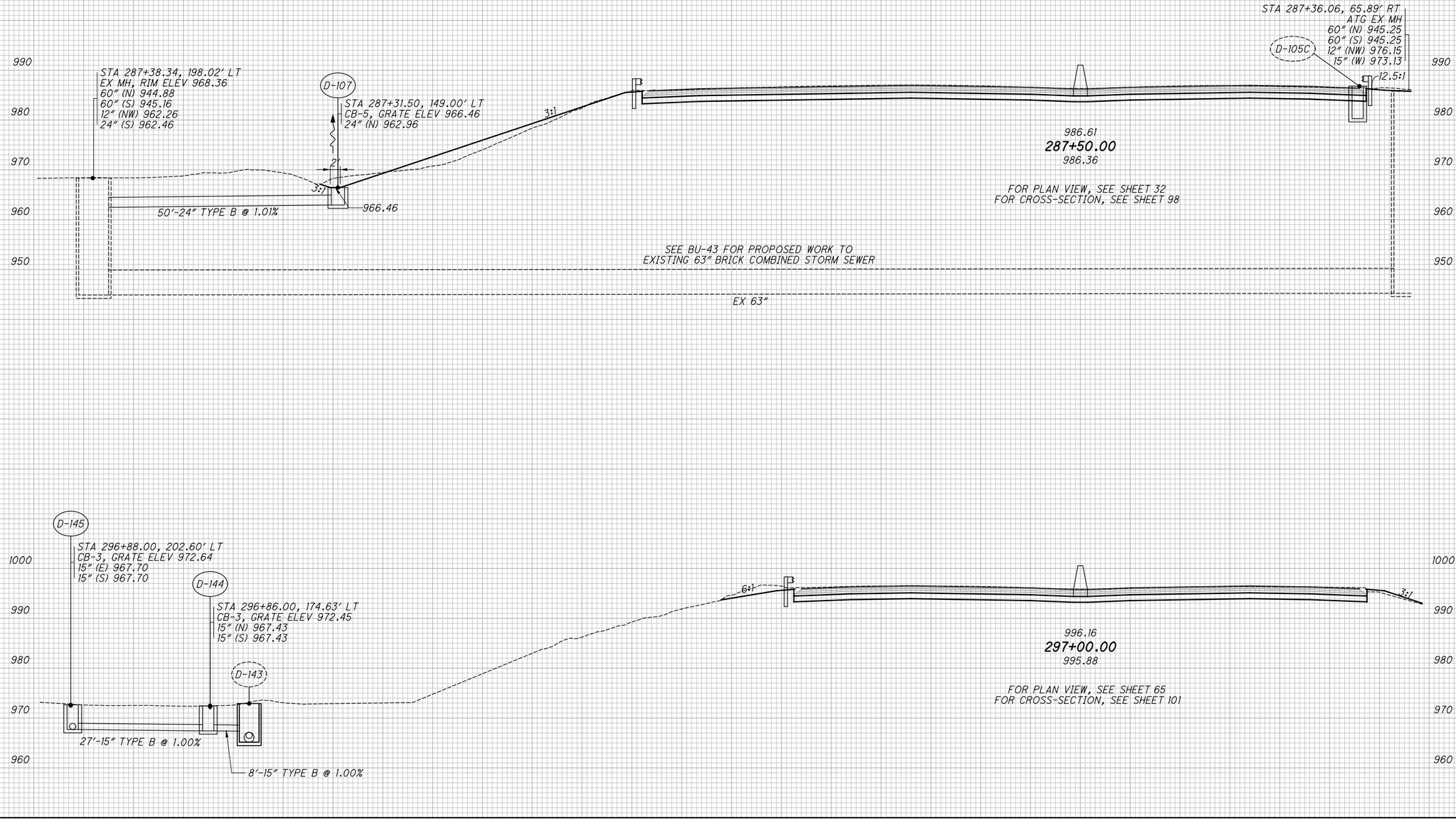
BU-32

ISSUE RECORD:		
NO.	DATE	DESCRIPTION



CALCULATED JDD
CHECKED MKM

STORM SEWER PROFILE - I.R. 76
STA. 287+50 & STA. 297+00

SUM-76/77/8-8.24/9.74/0.00

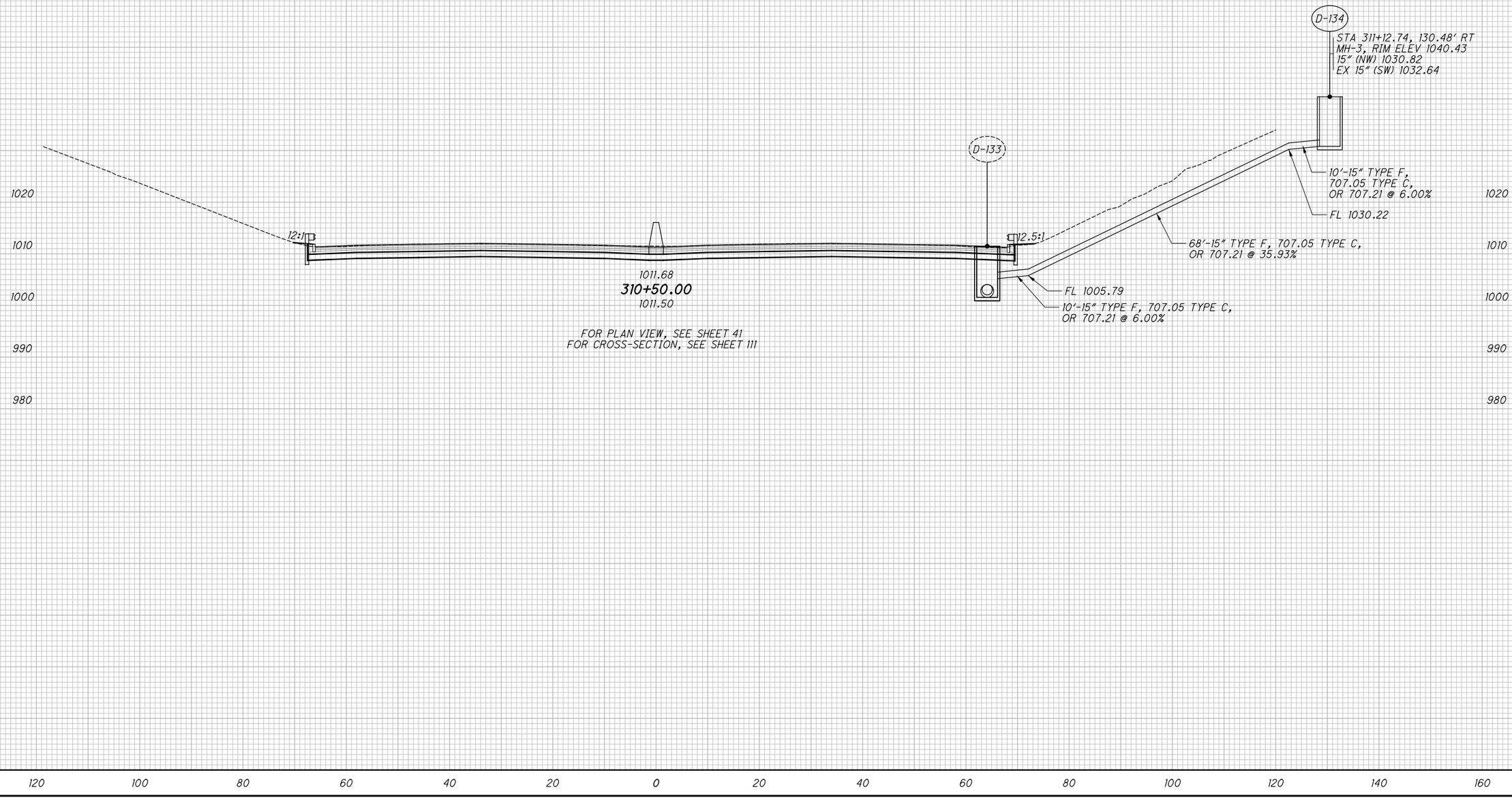
168
188

2026-03-24 - BU-32 - RECORD DRAWING PLANS

PARSONS
p:\VANVA01PWIN101.parsons.com\Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Roadway\Sheets\BU-32\102329_BU-32_DF002.dgn - 2/16/2022 5:23:06 PM - p0078701A

BU-32

ISSUE RECORD:		
NO.	DATE	DESCRIPTION



CALCULATED JDD
CHECKED MKM

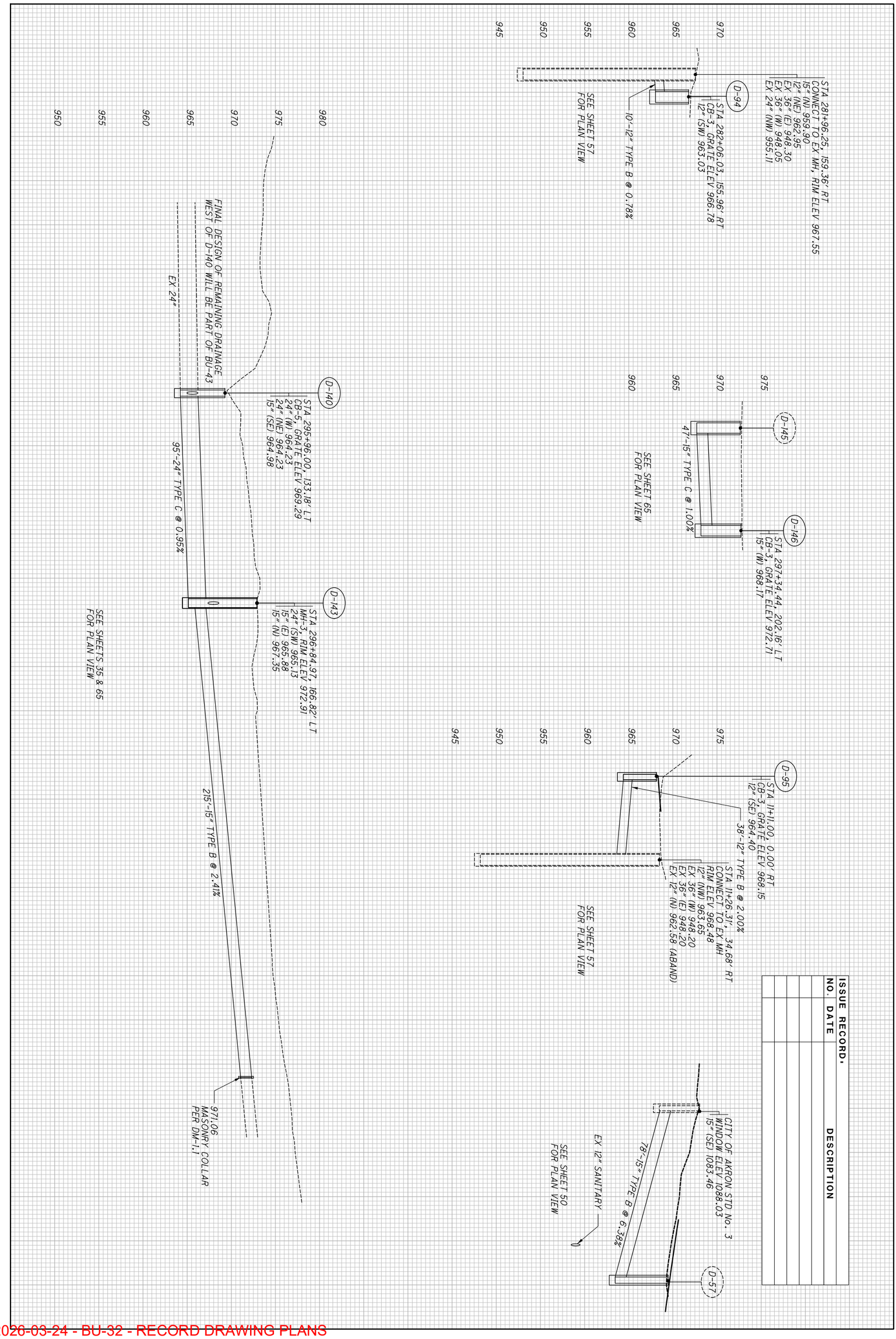
STORM SEWER PROFILE - I.R. 76
STA. 310+50

SUM-76/77/8-8.24/9.74/0.00

169
188

2026-03-24 - BU-32 - RECORD DRAWING PLANS

PARSONS
pw:\\VANVA01PWINT01.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Roadway\Sheets\BU-32\102329_BU-32_DF003.dgn-2/16/2022-5:23:19 PM-p007870A



2026-03-24 - BU-32 - RECORD DRAWING PLANS

170 / 188	SUM-76/77/8-8.24/9.74/0.00	STORM SEWER PROFILE - I.R. 76	CALCULATED JF CHECKED MKM

BU-32

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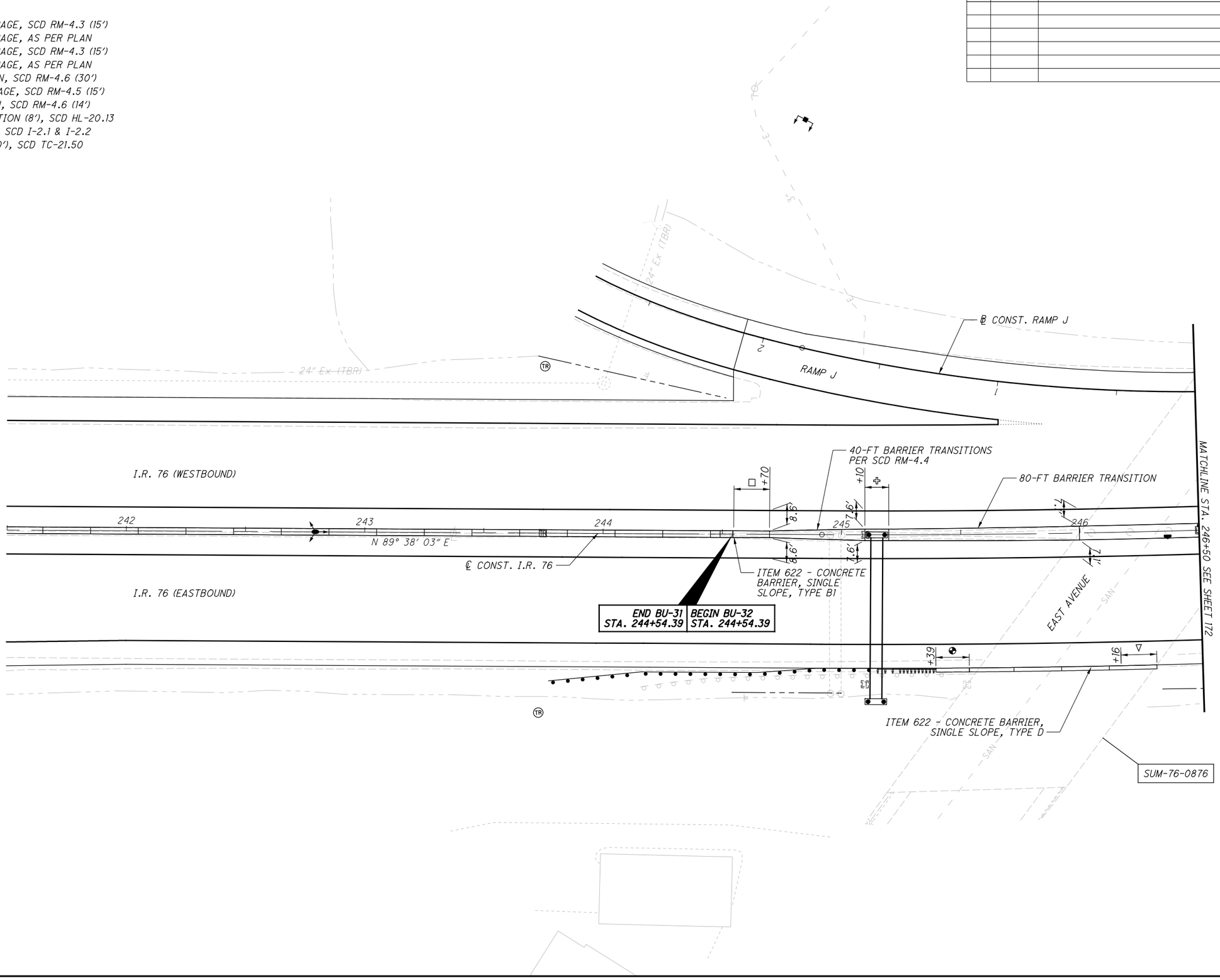
PARSONS

LEGEND

- □ TYPE B1 END ANCHORAGE, SCD RM-4.3 (15')
- □□ TYPE B1 END ANCHORAGE, AS PER PLAN
- △ TYPE C1 END ANCHORAGE, SCD RM-4.3 (15')
- △△ TYPE C1 END ANCHORAGE, AS PER PLAN
- ◇ TYPE C1 END SECTION, SCD RM-4.6 (30')
- ▽ TYPE D END ANCHORAGE, SCD RM-4.5 (15')
- ◒ TYPE D END SECTION, SCD RM-4.6 (14')
- ■ LIGHT POLE FOUNDATION (8'), SCD HL-20.13
- ◒◒ BARRIER INLET (20'), SCD I-2.1 & I-2.2
- ✣ SIGN FOUNDATION (10'), SCD TC-21.50

ISSUE RECORD:		
NO.	DATE	DESCRIPTION



HORIZONTAL SCALE IN FEET
0 10 20 40

CALCULATED ASB
CHECKED JFM

BARRIER DETAILS - I.R. 76
STA. 241+50 TO STA. 246+50

2026-03-24 - BU-32 - RECORD DRAWING PLANS

SUM-76/77/8-
8.24/9.74/0.00

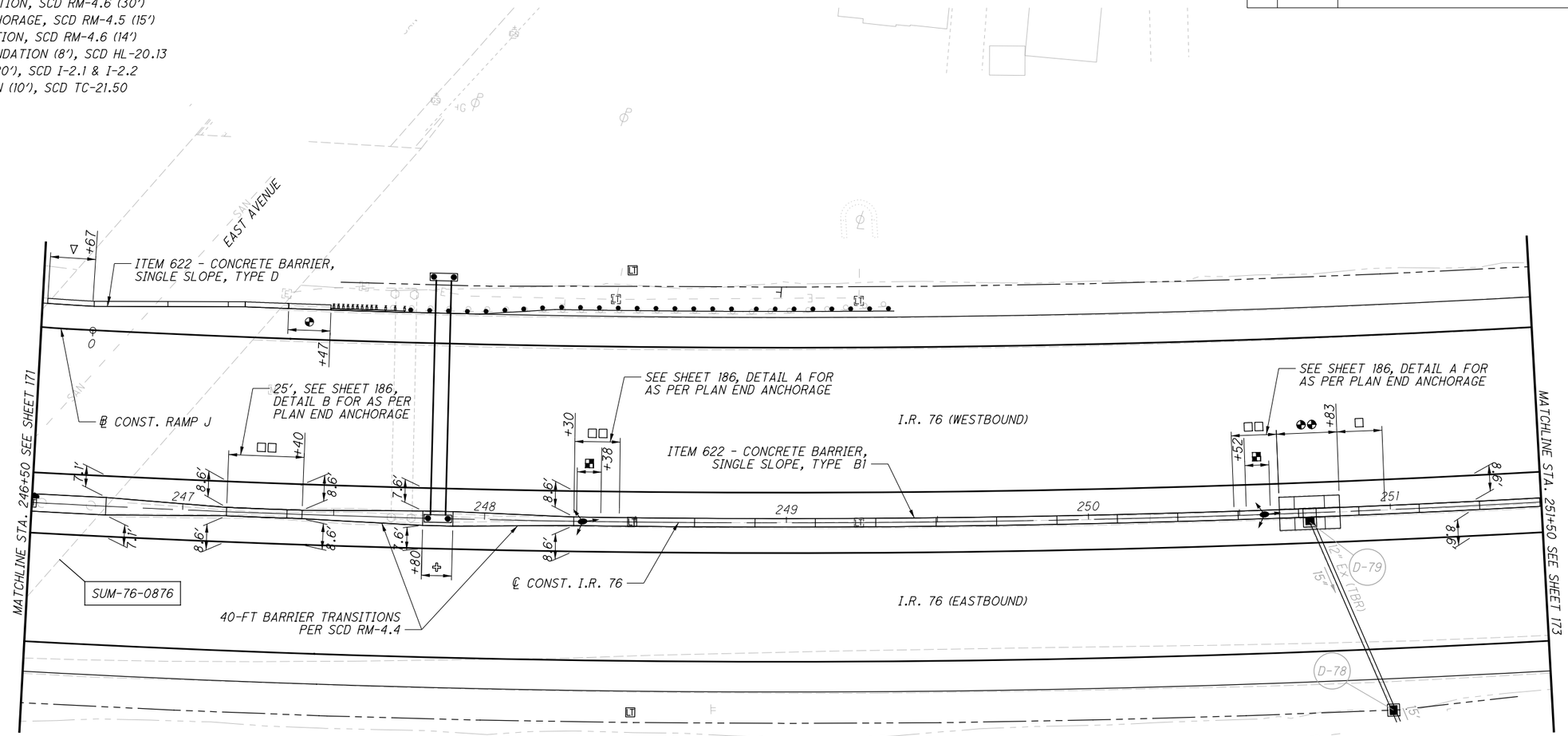
171
188

BU-32

LEGEND

- □ TYPE B1 END ANCHORAGE, SCD RM-4.3 (15')
- □□ TYPE B1 END ANCHORAGE, AS PER PLAN
- △ TYPE C1 END ANCHORAGE, SCD RM-4.3 (15')
- △△ TYPE C1 END ANCHORAGE, AS PER PLAN
- ◇ TYPE C1 END SECTION, SCD RM-4.6 (30')
- ▽ TYPE D END ANCHORAGE, SCD RM-4.5 (15')
- ◒ TYPE D END SECTION, SCD RM-4.6 (14')
- ▪ LIGHT POLE FOUNDATION (8'), SCD HL-20.13
- ◒◒ BARRIER INLET (20'), SCD I-2.1 & I-2.2
- ✣ SIGN FOUNDATION (10'), SCD TC-21.50

ISSUE RECORD:		
NO.	DATE	DESCRIPTION



CALCULATED ASB
CHECKED JFM

HORIZONTAL SCALE IN FEET
0 10 20 40

BARRIER DETAILS - I.R. 76
STA. 246+50 TO STA. 251+50

SUM-76/77/8-
8.24/9.74/0.00

172
188

2026-03-24 - BU-32 - RECORD DRAWING PLANS

PARSONS
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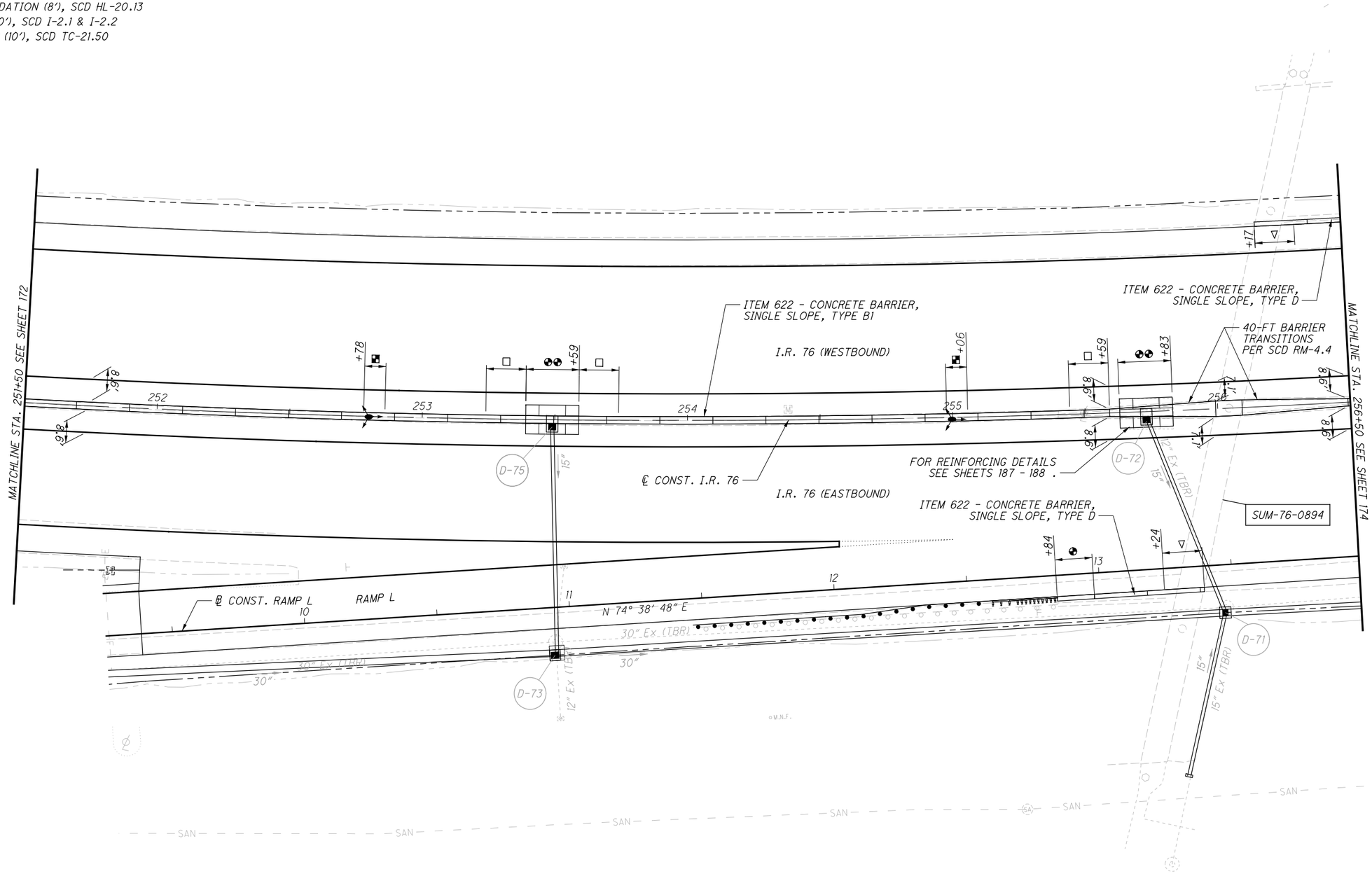
BU-32

LEGEND

- □ TYPE B1 END ANCHORAGE, SCD RM-4.3 (15')
- □□ TYPE B1 END ANCHORAGE, AS PER PLAN
- △ TYPE C1 END ANCHORAGE, SCD RM-4.3 (15')
- △△ TYPE C1 END ANCHORAGE, AS PER PLAN
- ◇ TYPE C1 END SECTION, SCD RM-4.6 (30')
- ▽ TYPE D END ANCHORAGE, SCD RM-4.5 (15')
- ◒ TYPE D END SECTION, SCD RM-4.6 (14')
- ■ LIGHT POLE FOUNDATION (8'), SCD HL-20.13
- ◒◒ BARRIER INLET (20'), SCD I-2.1 & I-2.2
- ✣ SIGN FOUNDATION (10'), SCD TC-21.50

ISSUE RECORD:		
NO.	DATE	DESCRIPTION



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HORIZONTAL SCALE IN FEET
0 10 20 40

CALCULATED ASB
CHECKED JFM

BARRIER DETAILS - I.R. 76 STA. 251+50 TO STA. 256+50

SUM-76/77/8-8.24/9.74/0.00

2026-03-24 - BU-32 - RECORD DRAWING PLANS

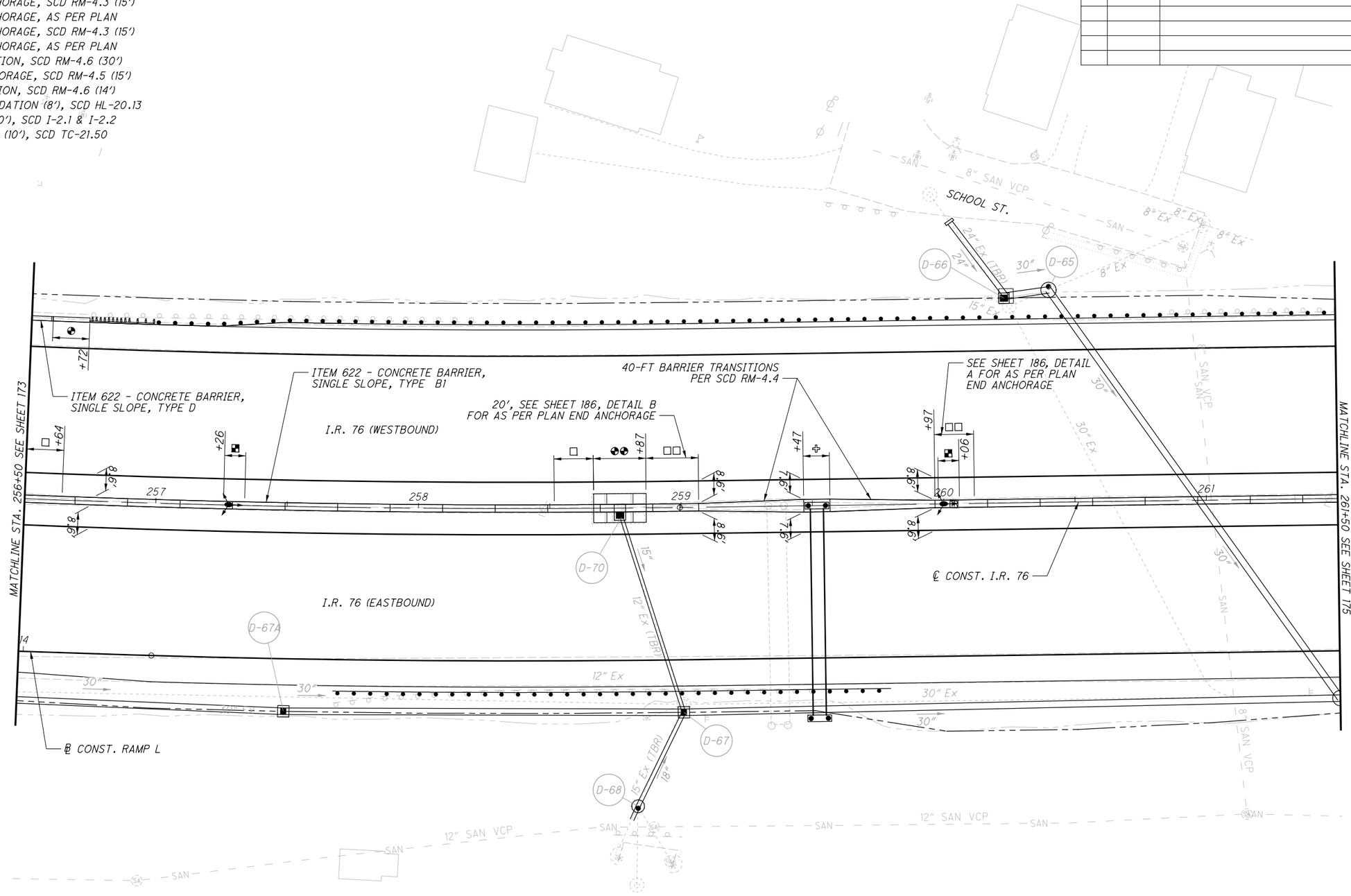
BU-32

LEGEND

- □ TYPE B1 END ANCHORAGE, SCD RM-4.3 (15')
- □□ TYPE B1 END ANCHORAGE, AS PER PLAN
- △ TYPE C1 END ANCHORAGE, SCD RM-4.3 (15')
- △△ TYPE C1 END ANCHORAGE, AS PER PLAN
- ◇ TYPE C1 END SECTION, SCD RM-4.6 (30')
- ▽ TYPE D END ANCHORAGE, SCD RM-4.5 (15')
- TYPE D END SECTION, SCD RM-4.6 (14')
- LIGHT POLE FOUNDATION (8'), SCD HL-20.13
- BARRIER INLET (20'), SCD I-2.1 & I-2.2
- ✣ SIGN FOUNDATION (10'), SCD TC-21.50

ISSUE RECORD:

NO.	DATE	DESCRIPTION



PARSONS
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HORIZONTAL SCALE IN FEET
0 10 20 40

CALCULATED ASB
CHECKED JFM

BARRIER DETAILS - I.R. 76 STA. 256+50 TO STA. 261+50

SUM-76/77/8-8.24/9.74/0.00

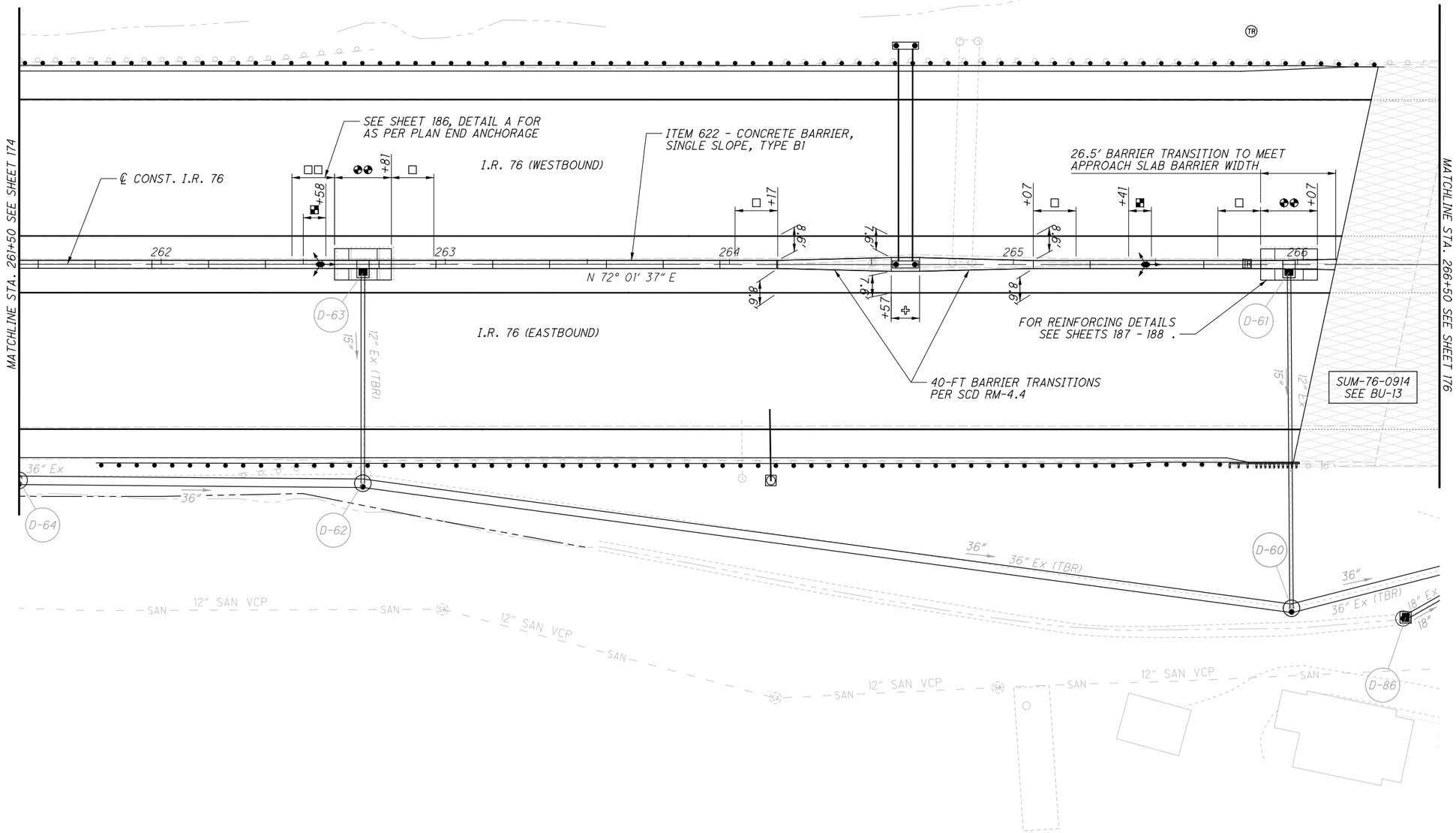
2026-03-24 - BU-32 - RECORD DRAWING PLANS

BU-32

LEGEND

- □ TYPE B1 END ANCHORAGE, SCD RM-4.3 (15')
- □□ TYPE B1 END ANCHORAGE, AS PER PLAN
- △ TYPE C1 END ANCHORAGE, SCD RM-4.3 (15')
- △△ TYPE C1 END ANCHORAGE, AS PER PLAN
- ◇ TYPE C1 END SECTION, SCD RM-4.6 (30')
- ▽ TYPE D END ANCHORAGE, SCD RM-4.5 (15')
- TYPE D END SECTION, SCD RM-4.6 (14')
- LIGHT POLE FOUNDATION (8'), SCD HL-20.13
- BARRIER INLET (20'), SCD I-2.1 & I-2.2
- ✣ SIGN FOUNDATION (10'), SCD TC-21.5

ISSUE RECORD:		
NO.	DATE	DESCRIPTION



HORIZONTAL SCALE IN FEET
0 10 20 40

CALCULATED ASB
CHECKED JFM

BARRIER DETAILS - I.R. 76 STA. 261+50 TO STA. 266+50

SUM-76/77/8-8.24/9.74/0.00

2026-03-24 - BU-32 - RECORD DRAWING PLANS

175
188

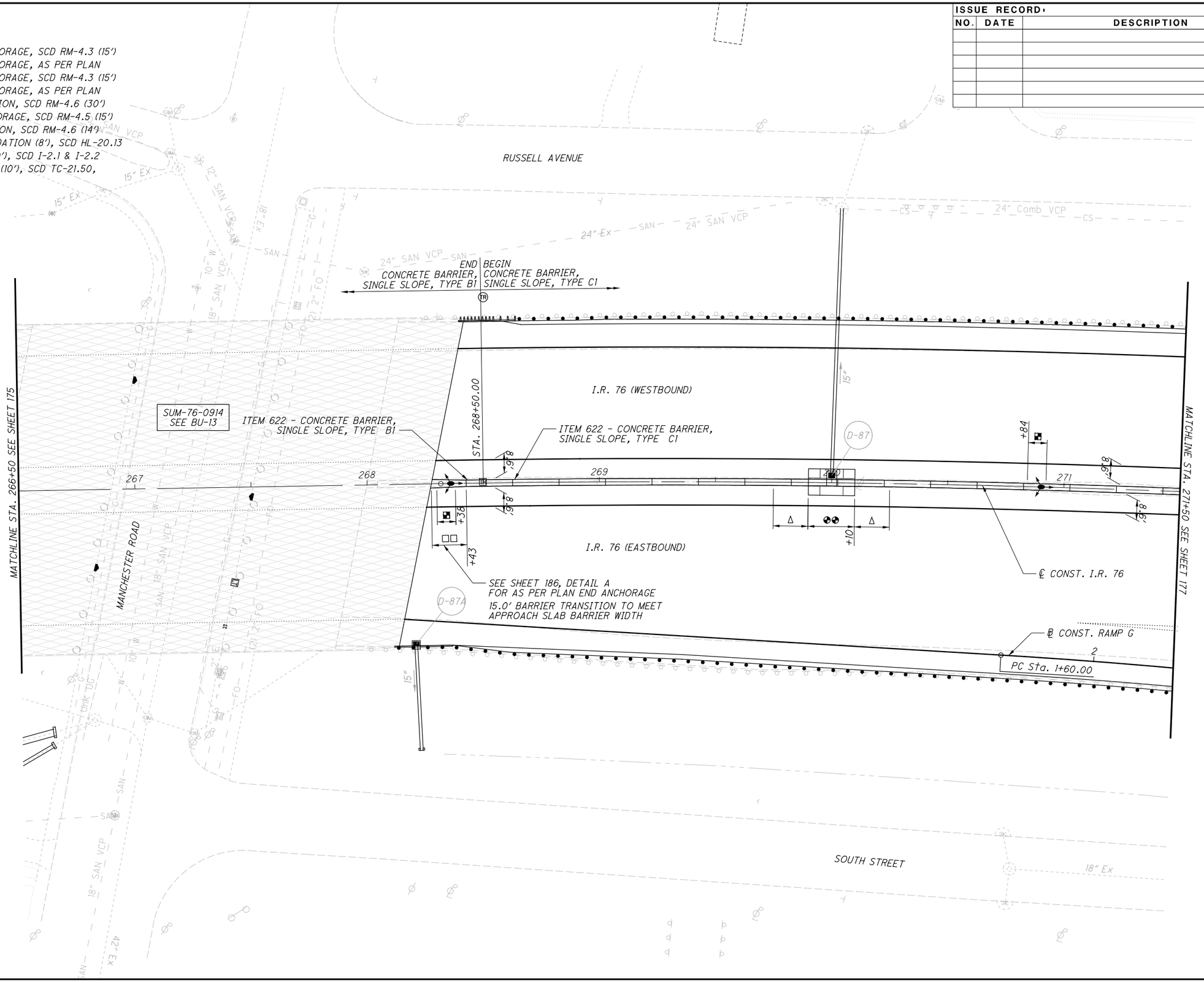
PARSONS
pw:\\VANVA01PWINT01.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Roadway\Sheets\BU-32\102329_BU-32_GR105.dgn 2/16/2022 5:24:37 PM p007870A

BU-32

LEGEND

- □ TYPE B1 END ANCHORAGE, SCD RM-4.3 (15')
- □□ TYPE B1 END ANCHORAGE, AS PER PLAN
- △ TYPE C1 END ANCHORAGE, SCD RM-4.3 (15')
- △△ TYPE C1 END ANCHORAGE, AS PER PLAN
- ◇ TYPE C1 END SECTION, SCD RM-4.6 (30')
- ▽ TYPE D END ANCHORAGE, SCD RM-4.5 (15')
- TYPE D END SECTION, SCD RM-4.6 (14')
- LIGHT POLE FOUNDATION (8'), SCD HL-20.13
- BARRIER INLET (20'), SCD I-2.1 & I-2.2
- SIGN FOUNDATION (10'), SCD TC-21.50,

ISSUE RECORD:		
NO.	DATE	DESCRIPTION



HORIZONTAL SCALE IN FEET: 0, 10, 20, 40

CALCULATED ASB
CHECKED JFM

BARRIER DETAILS - I.R. 76
STA. 266+50 TO STA. 271+50

SUM-76/77/8-8.24/9.74/0.00

176
188

2026-03-24 - BU-32 - RECORD DRAWING PLANS

PARSONS
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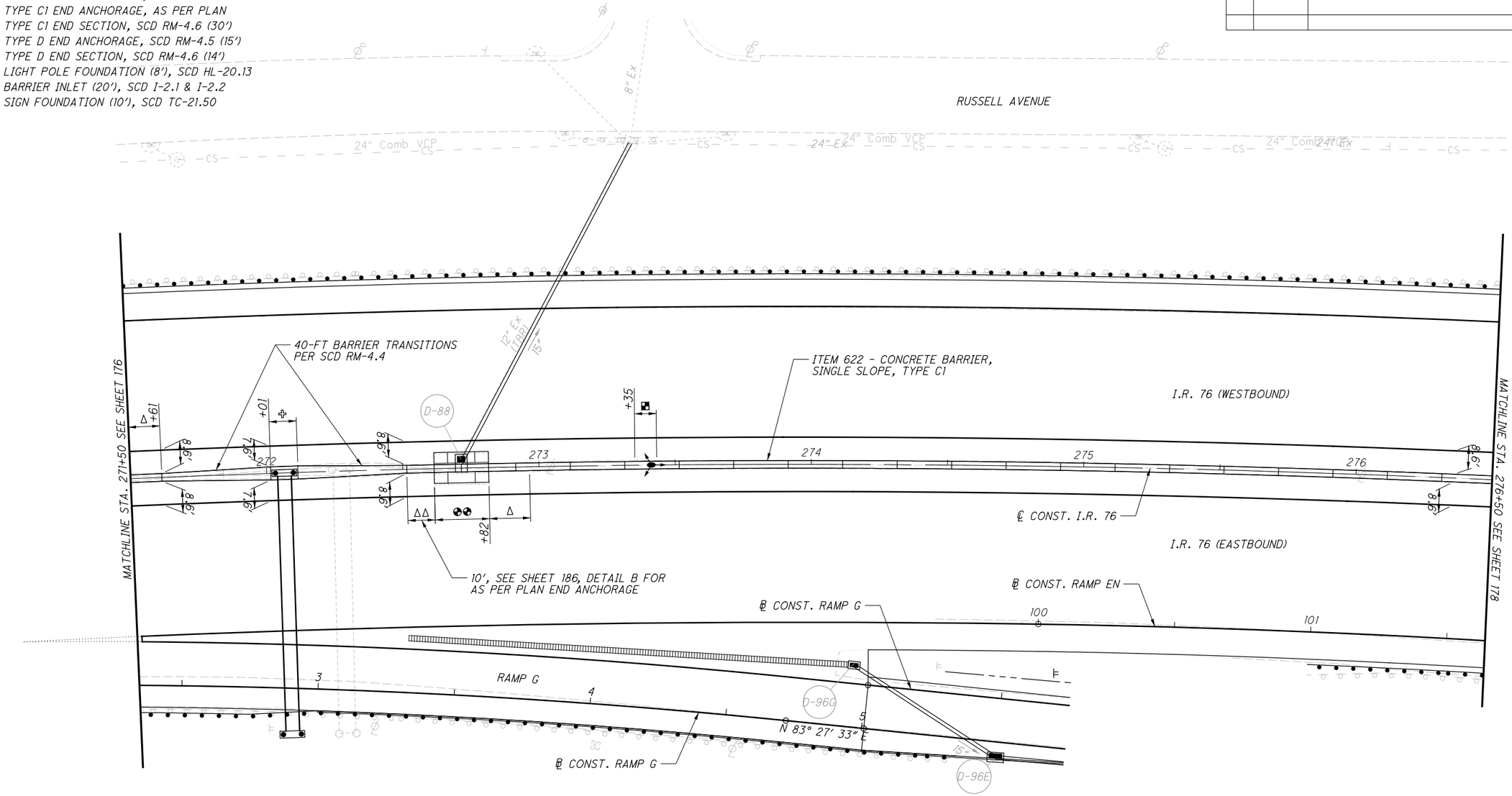
BU-32

LEGEND

- □ TYPE B1 END ANCHORAGE, SCD RM-4.3 (15')
- □□ TYPE B1 END ANCHORAGE, AS PER PLAN
- Δ TYPE C1 END ANCHORAGE, SCD RM-4.3 (15')
- ΔΔ TYPE C1 END ANCHORAGE, AS PER PLAN
- ◇ TYPE C1 END SECTION, SCD RM-4.6 (30')
- ▽ TYPE D END ANCHORAGE, SCD RM-4.5 (15')
- ◕ TYPE D END SECTION, SCD RM-4.6 (14')
- ■ LIGHT POLE FOUNDATION (8'), SCD HL-20.13
- ◕◕ BARRIER INLET (20'), SCD I-2.1 & I-2.2
- ✣ SIGN FOUNDATION (10'), SCD TC-21.50

ISSUE RECORD:		
NO.	DATE	DESCRIPTION



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HORIZONTAL SCALE IN FEET
0 10 20 40

CALCULATED ASB
CHECKED JFM

BARRIER DETAILS - I.R. 76
STA. 271+50 TO STA. 276+50

SUM-76/77/8-
8.24/9.74/0.00

177
188

2026-03-24 - BU-32 - RECORD DRAWING PLANS

BU-32

LEGEND

- TYPE B1 END ANCHORAGE, SCD RM-4.3 (15')
- TYPE B1 END ANCHORAGE, AS PER PLAN
- TYPE C1 END ANCHORAGE, SCD RM-4.3 (15')
- TYPE C1 END ANCHORAGE, AS PER PLAN
- TYPE C1 END SECTION, SCD RM-4.6 (30')
- TYPE D END ANCHORAGE, SCD RM-4.5 (15')
- TYPE D END SECTION, SCD RM-4.6 (14')
- LIGHT POLE FOUNDATION (8'), SCD HL-20.13
- BARRIER INLET (20'), SCD I-2.1 & I-2.2
- SIGN FOUNDATION (10'), SCD TC-21.50

ISSUE RECORD:		
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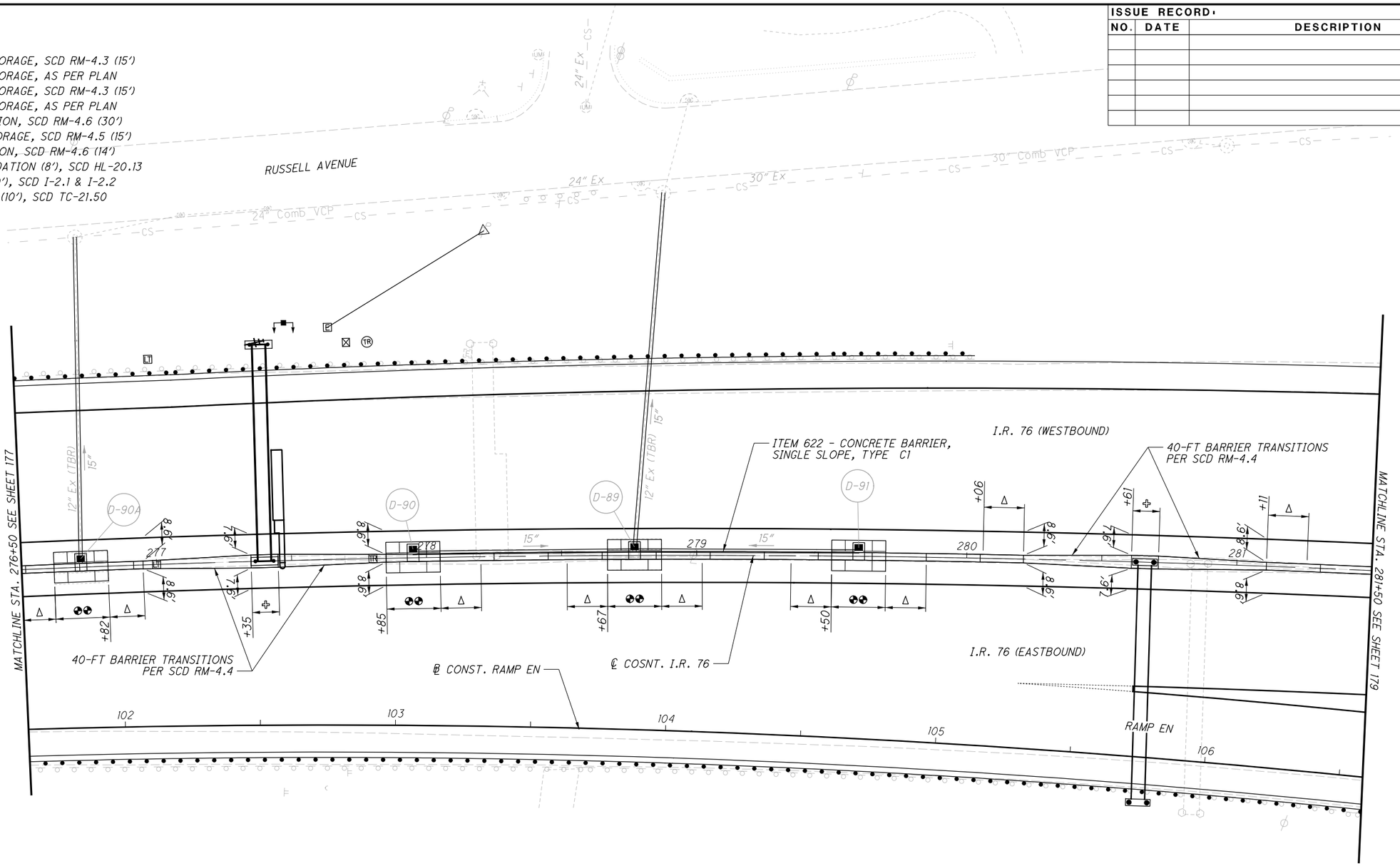

2026-03-24 - BU-32 - RECORD DRAWING PLANS

HORIZONTAL SCALE IN FEET
0 10 20 40

CALCULATED ASB
CHECKED JFM

BARRIER DETAILS - I.R. 76 STA. 276+50 TO STA. 281+50

SUM-76/77/8-8.24/9.74/0.00

178
188

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BU-32

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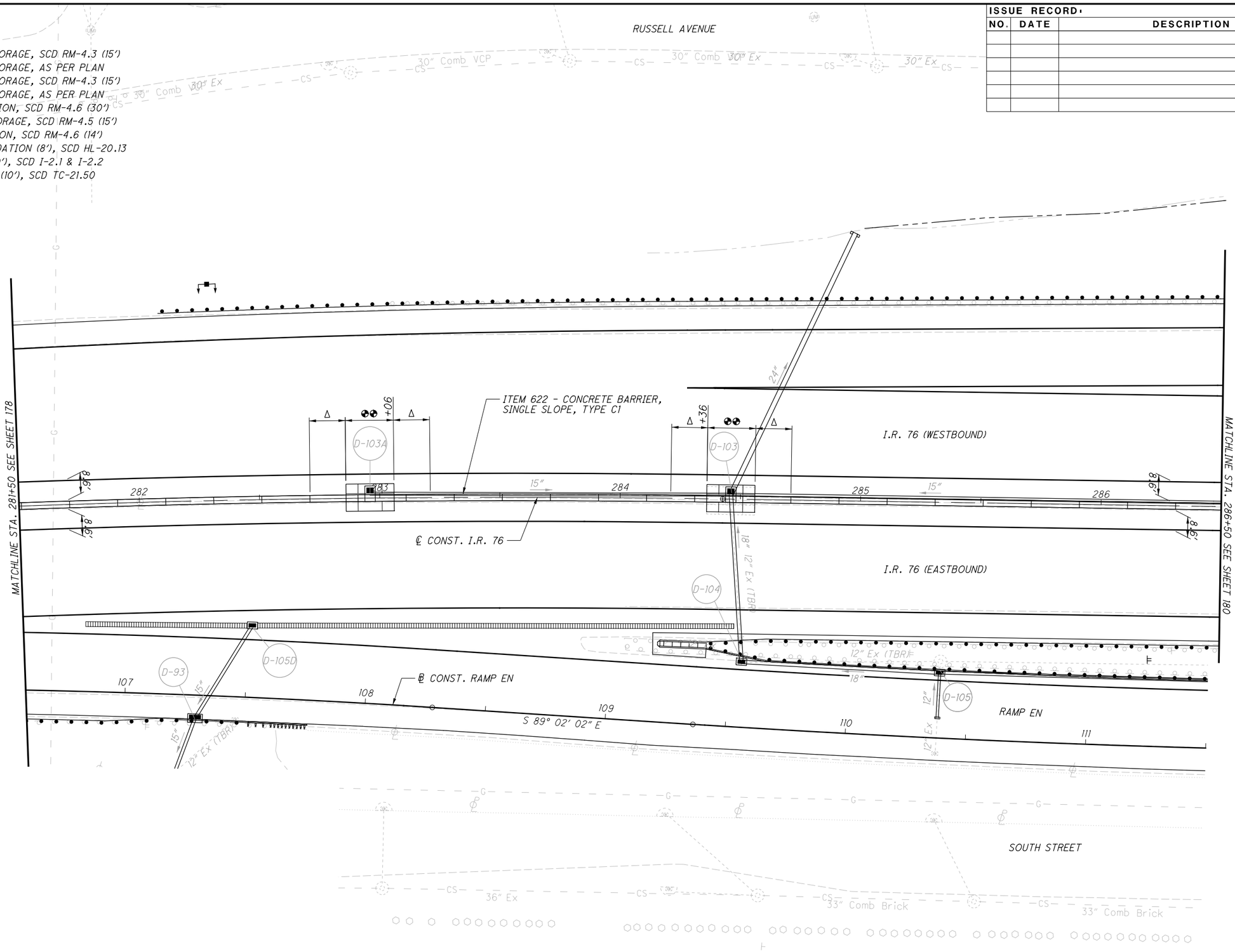
PARSONS

LEGEND

- TYPE B1 END ANCHORAGE, SCD RM-4.3 (15')
- TYPE B1 END ANCHORAGE, AS PER PLAN
- TYPE C1 END ANCHORAGE, SCD RM-4.3 (15')
- TYPE C1 END ANCHORAGE, AS PER PLAN
- TYPE C1 END SECTION, SCD RM-4.6 (30')
- TYPE D END ANCHORAGE, SCD RM-4.5 (15')
- TYPE D END SECTION, SCD RM-4.6 (14')
- LIGHT POLE FOUNDATION (8'), SCD HL-20.13
- BARRIER INLET (20'), SCD I-2.1 & I-2.2
- SIGN FOUNDATION (10'), SCD TC-21.50

ISSUE RECORD:		
NO.	DATE	DESCRIPTION



HORIZONTAL SCALE IN FEET: 0, 10, 20, 40

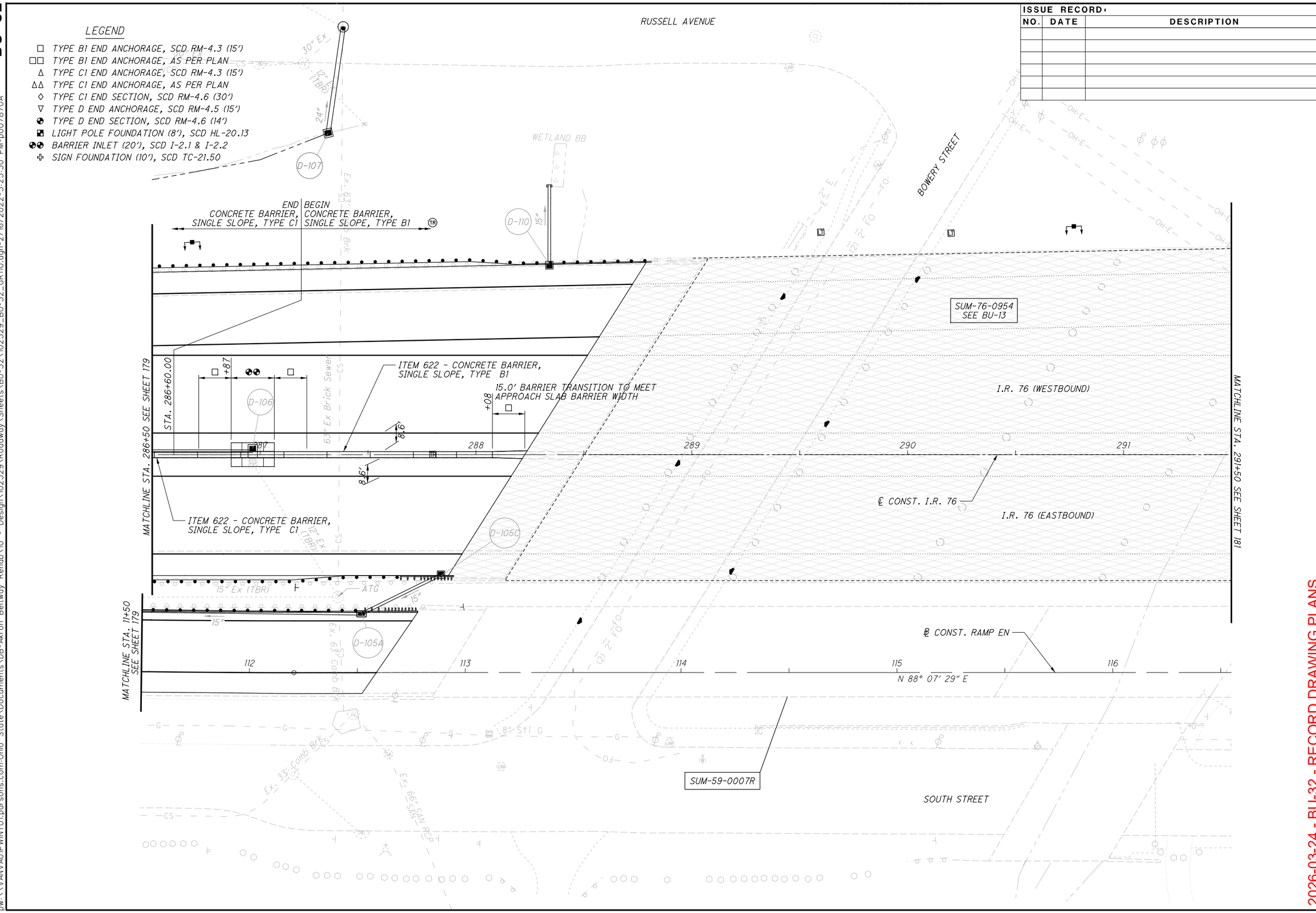
CALCULATED ASB
CHECKED JFM

2026-03-24 - BU-32 - RECORD DRAWING PLANS

BARRIER DETAILS - I.R. 76 STA. 281+50 TO STA. 286+50

SUM-76/77/8-8.24/9.74/0.00

179
188



ISSUE RECORD:

NO.	DATE	DESCRIPTION

HORIZONTAL SCALE IN FEET 0 10 20 40

CALCULATED ASB
CHECKED JFM

BARRIER DETAILS - I.R. 76
STA. 286+50 TO STA. 291+50

SUM-76/77/8-
8.24/9.74/0.00

2026-03-24 - BU-32 - RECORD DRAWING PLANS

BU-32

PARSONS
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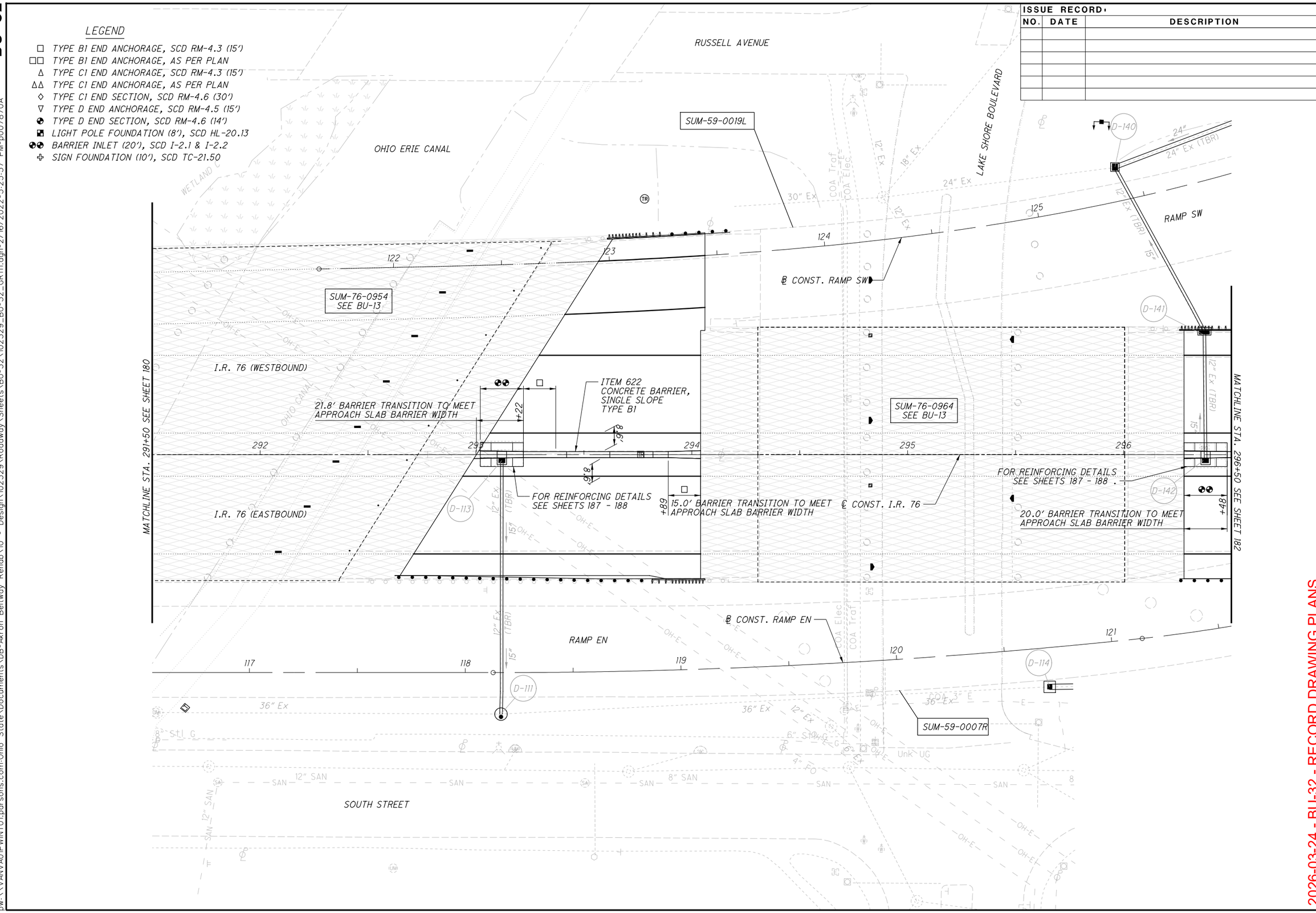

ISSUE RECORD:

NO.	DATE	DESCRIPTION

HORIZONTAL SCALE IN FEET 0 10 20 40

CALCULATED ASB
CHECKED JFM

BARRIER DETAILS - I.R. 76
STA. 291+50 TO STA. 296+50

SUM-76/77/8-
8.24/9.74/0.00

2026-03-24 - BU-32 - RECORD DRAWING PLANS

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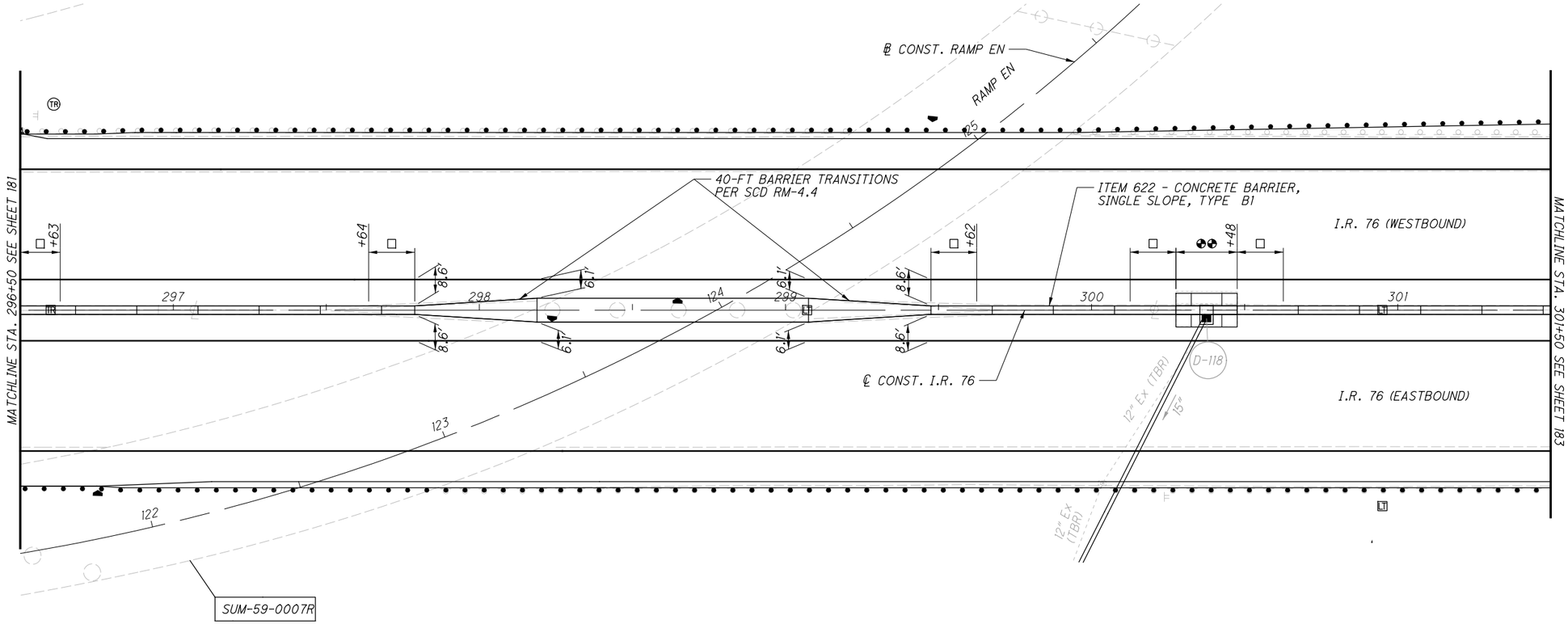
BU-32

LEGEND

- □ TYPE B1 END ANCHORAGE, SCD RM-4.3 (15')
- □□ TYPE B1 END ANCHORAGE, AS PER PLAN
- △ TYPE C1 END ANCHORAGE, SCD RM-4.3 (15')
- △△ TYPE C1 END ANCHORAGE, AS PER PLAN
- ◇ TYPE C1 END SECTION, SCD RM-4.6 (30')
- ▽ TYPE D END ANCHORAGE, SCD RM-4.5 (15')
- ◒ TYPE D END SECTION, SCD RM-4.6 (14')
- ■ LIGHT POLE FOUNDATION (8'), SCD HL-20.13
- ◒◒ BARRIER INLET (20'), SCD I-2.1 & I-2.2
- ✣ SIGN FOUNDATION (10'), SCD TC-21.50,

ISSUE RECORD:		
NO.	DATE	DESCRIPTION



HORIZONTAL SCALE IN FEET
0 10 20 40

CALCULATED ASB
CHECKED JFM

BARRIER DETAILS - I.R. 76 STA. 296+50 TO STA. 301+50

SUM-76/77/8-8.24/9.74/0.00

182
188

2026-03-24 - BU-32 - RECORD DRAWING PLANS

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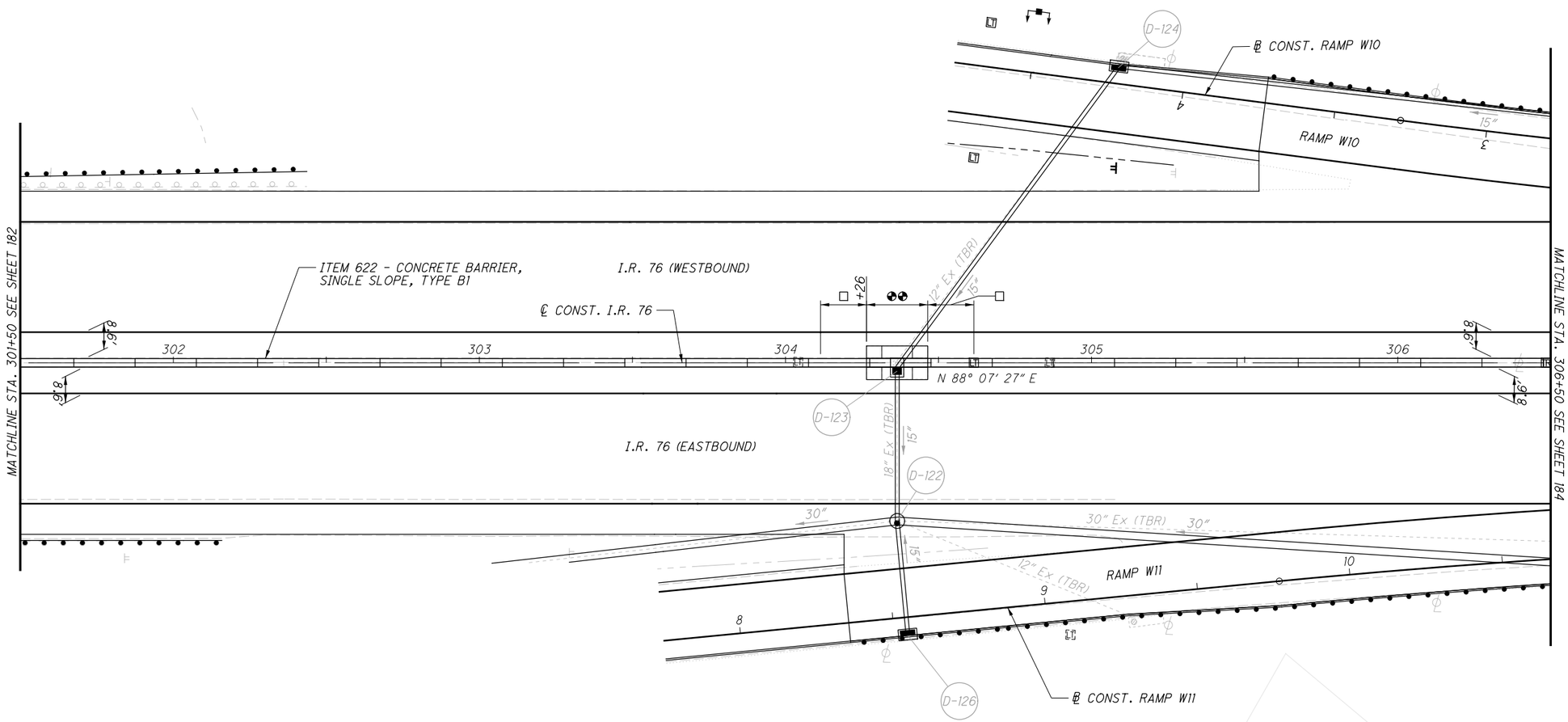
BU-32

LEGEND

- □ TYPE B1 END ANCHORAGE, SCD RM-4.3 (15')
- □□ TYPE B1 END ANCHORAGE, AS PER PLAN
- △ TYPE C1 END ANCHORAGE, SCD RM-4.3 (15')
- △△ TYPE C1 END ANCHORAGE, AS PER PLAN
- ◇ TYPE C1 END SECTION, SCD RM-4.6 (30')
- ▽ TYPE D END ANCHORAGE, SCD RM-4.5 (15')
- ◒ TYPE D END SECTION, SCD RM-4.6 (14')
- ▪ LIGHT POLE FOUNDATION (8'), SCD HL-20.13
- ◒◒ BARRIER INLET (20'), SCD I-2.1 & I-2.2
- ✣ SIGN FOUNDATION (10'), SCD TC-21.50

ISSUE RECORD:		
NO.	DATE	DESCRIPTION



PARSONS
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HORIZONTAL SCALE IN FEET
0 10 20 40

CALCULATED ASB
CHECKED JFM

BARRIER DETAILS - I.R. 76 STA. 301+50 TO STA. 306+50

SUM-76/77/8-8.24/9.74/0.00

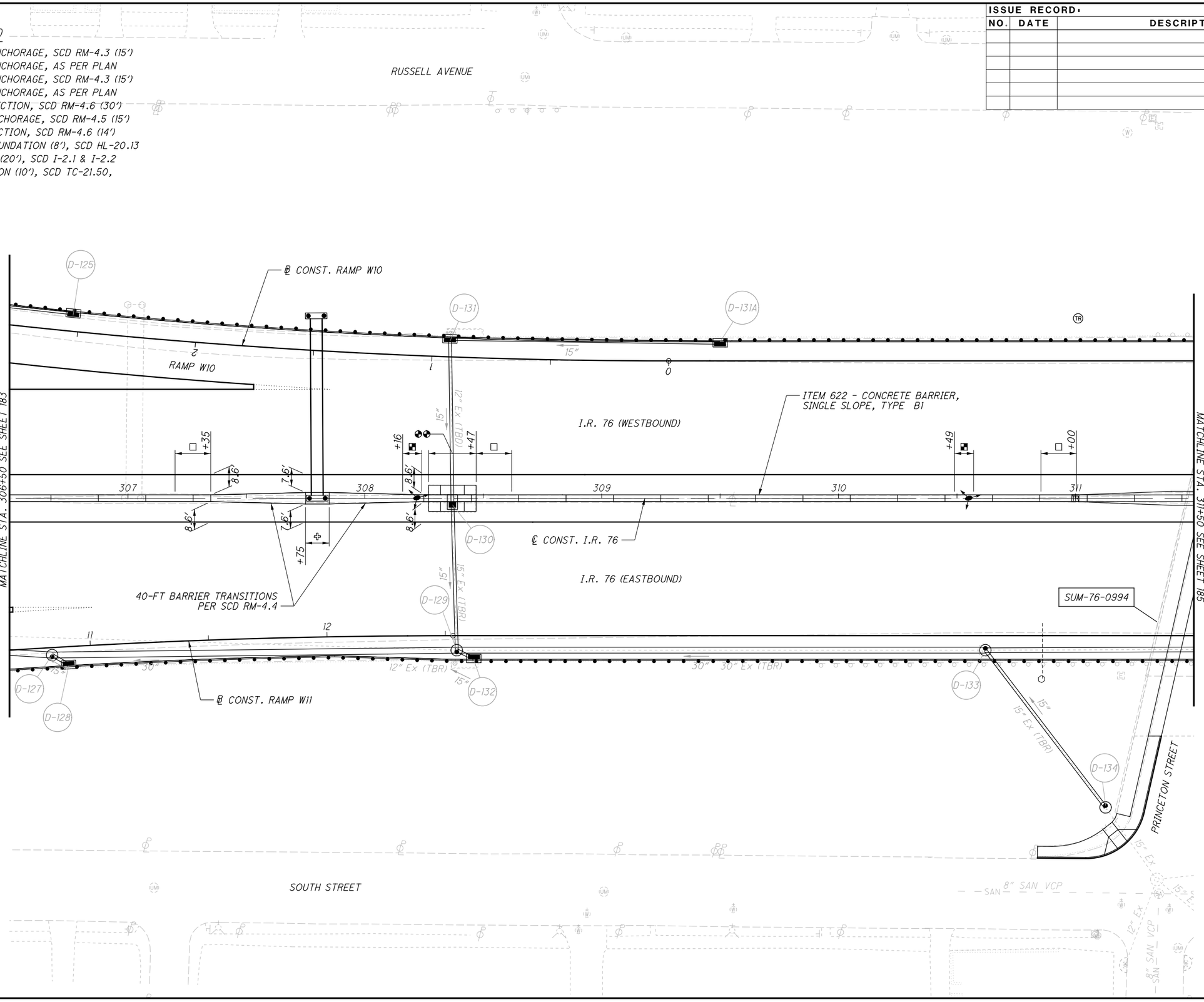
2026-03-24 - BU-32 - RECORD DRAWING PLANS

BU-32

LEGEND

- □ TYPE B1 END ANCHORAGE, SCD RM-4.3 (15')
- □□ TYPE B1 END ANCHORAGE, AS PER PLAN
- △ TYPE C1 END ANCHORAGE, SCD RM-4.3 (15')
- △△ TYPE C1 END ANCHORAGE, AS PER PLAN
- ◇ TYPE C1 END SECTION, SCD RM-4.6 (30')
- ▽ TYPE D END ANCHORAGE, SCD RM-4.5 (15')
- ◒ TYPE D END SECTION, SCD RM-4.6 (14')
- ▪ LIGHT POLE FOUNDATION (8'), SCD HL-20.13
- ◒◒ BARRIER INLET (20'), SCD I-2.1 & I-2.2
- ✣ SIGN FOUNDATION (10'), SCD TC-21.50,

ISSUE RECORD:		
NO.	DATE	DESCRIPTION



HORIZONTAL SCALE IN FEET: 0, 10, 20, 40

CALCULATED ASB
CHECKED JFM

BARRIER DETAILS - I.R. 76
STA. 306+50 TO STA. 311+50

SUM-76/77/8-8.24/9.74/0.00

184
188

2026-03-24 - BU-32 - RECORD DRAWING PLANS

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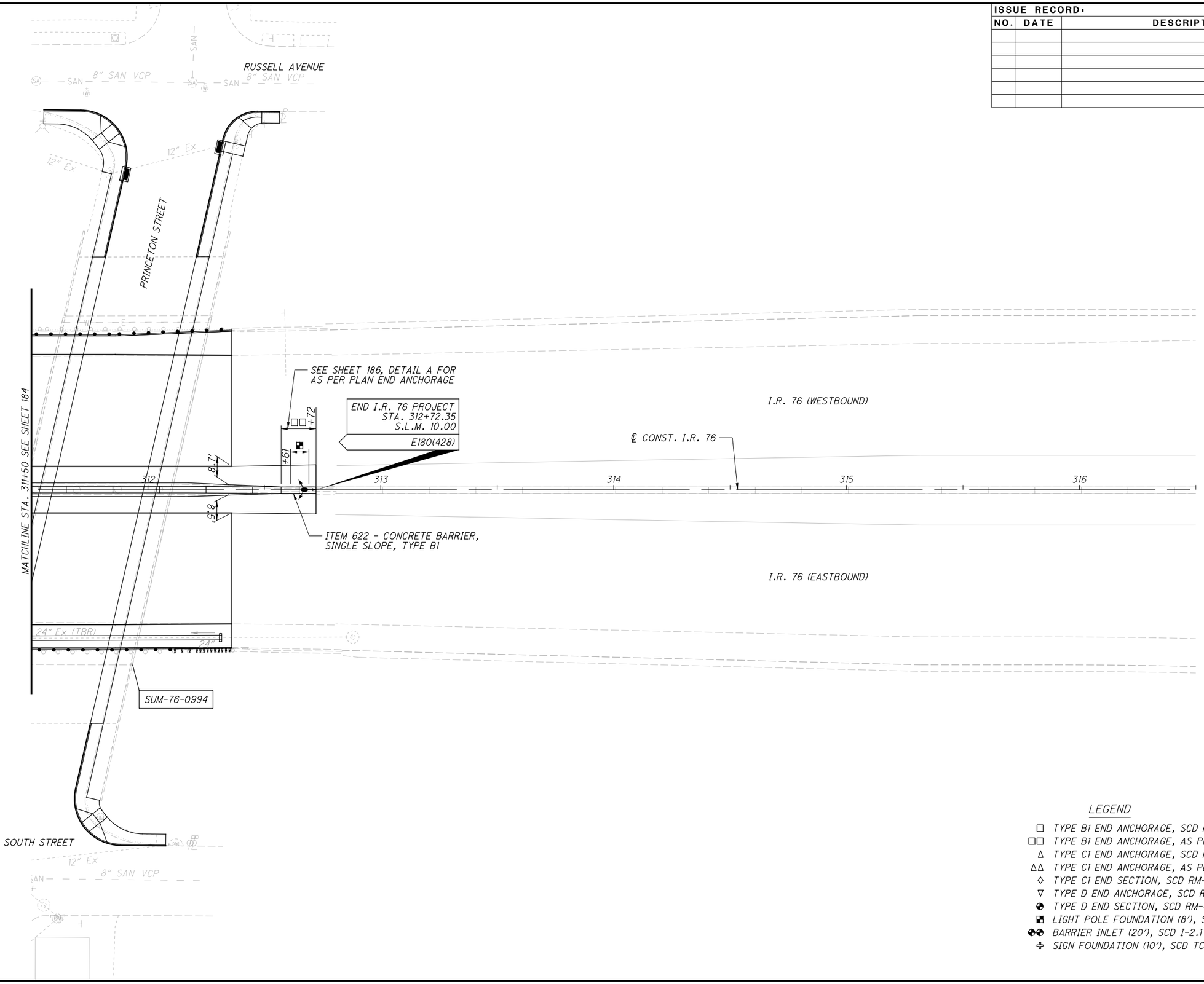

LEGEND

- □ TYPE B1 END ANCHORAGE, SCD RM-4.3 (15')
- □□ TYPE B1 END ANCHORAGE, AS PER PLAN
- Δ TYPE C1 END ANCHORAGE, SCD RM-4.3 (15')
- ΔΔ TYPE C1 END ANCHORAGE, AS PER PLAN
- ◇ TYPE C1 END SECTION, SCD RM-4.6 (30')
- ▽ TYPE D END ANCHORAGE, SCD RM-4.5 (15')
- TYPE D END SECTION, SCD RM-4.6 (14')
- LIGHT POLE FOUNDATION (8'), SCD HL-20.13
- BARRIER INLET (20'), SCD I-2.1 & I-2.2
- SIGN FOUNDATION (10'), SCD TC-21.50,

ISSUE RECORD:

NO.	DATE	DESCRIPTION

N

0 10 20 40
HORIZONTAL SCALE IN FEET

CALCULATED ASB
CHECKED JFM

BARRIER DETAILS - I.R. 76
STA. 311+50 TO END PROJECT

SUM-76/77/8-
8.24/9.74/0.00

2026-03-24 - BU-32 - RECORD DRAWING PLANS

PARSONS
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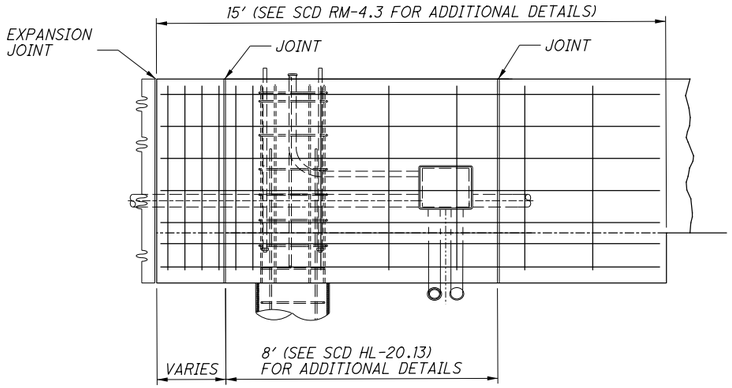
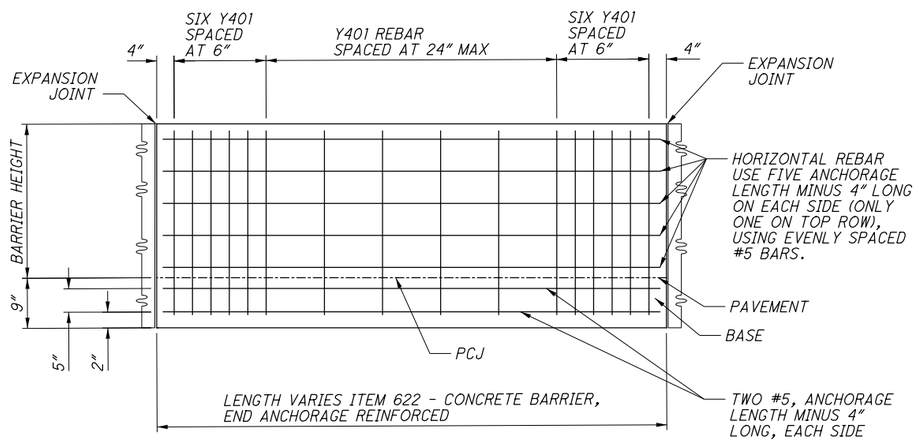
ISSUE RECORD:		
NO.	DATE	DESCRIPTION



DETAIL A
NOT TO SCALE



DETAIL B
NOT TO SCALE

NOTE: DETAILS A AND B CAN BE USED SIMULTANEOUSLY

HORIZONTAL SCALE IN FEET
0 10 20 40

CALCULATED GLW
CHECKED SRB

AS PER PLAN BARRIER DETAILS

SUM-76/77/8-
8.24/9.74/0.00

2026-03-24 - BU-32 - RECORD DRAWING PLANS

PARSONS
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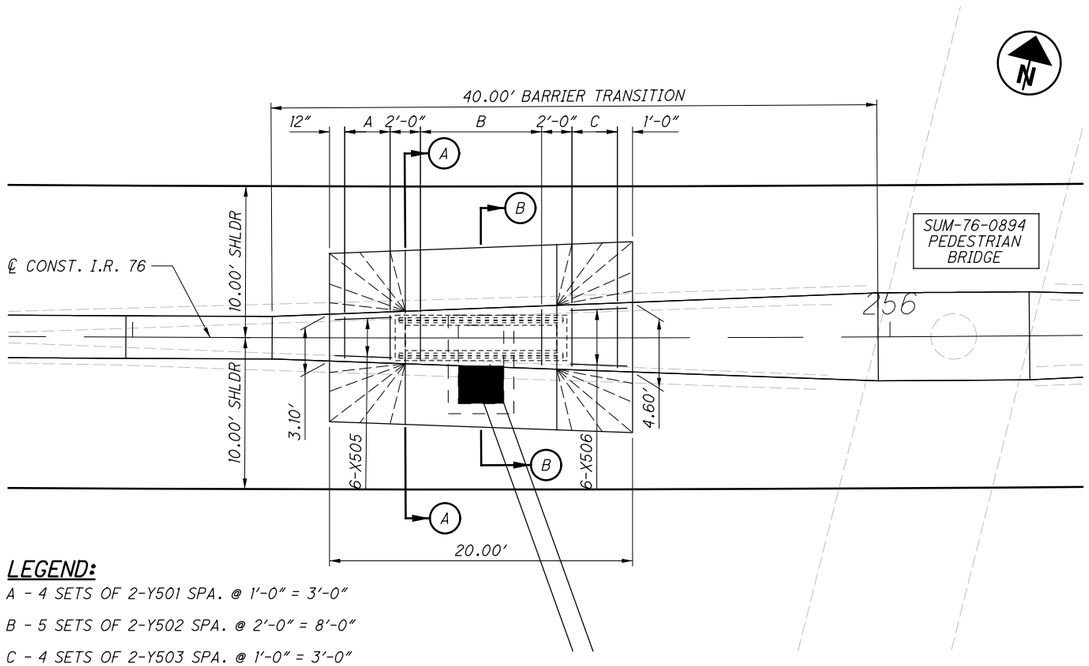


LEGEND:

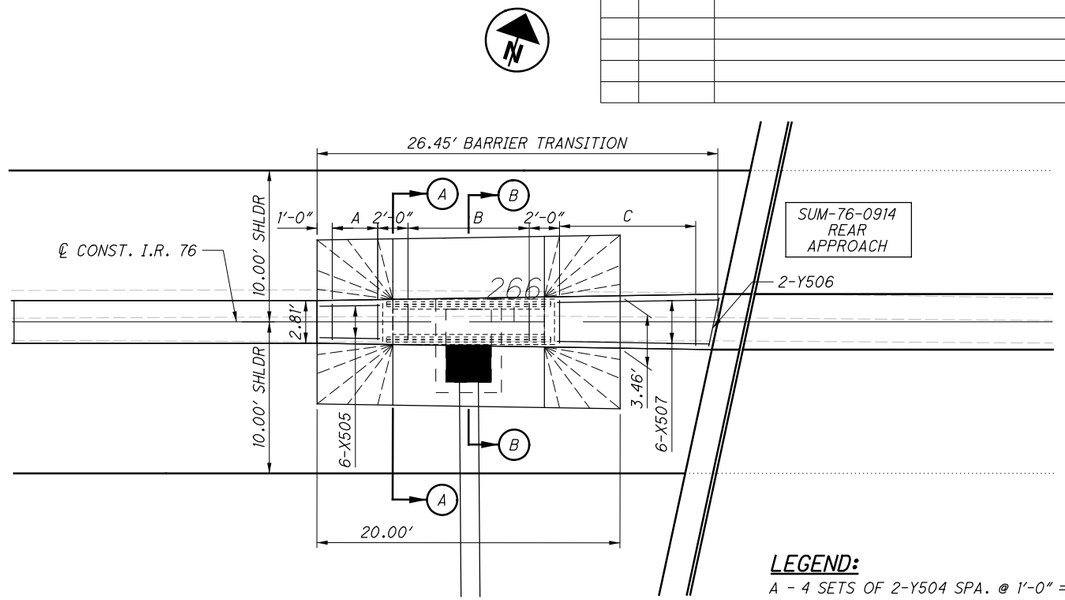
A - 4 SETS OF 2-Y501 SPA. @ 1'-0" = 3'-0"

B - 5 SETS OF 2-Y502 SPA. @ 2'-0" = 8'-0"

C - 4 SETS OF 2-Y503 SPA. @ 1'-0" = 3'-0"

PLAN VIEW - STA. 255+73.00, D-72

ONLY BOTTOM LONGITUDINAL BARS SHOWN



LEGEND:

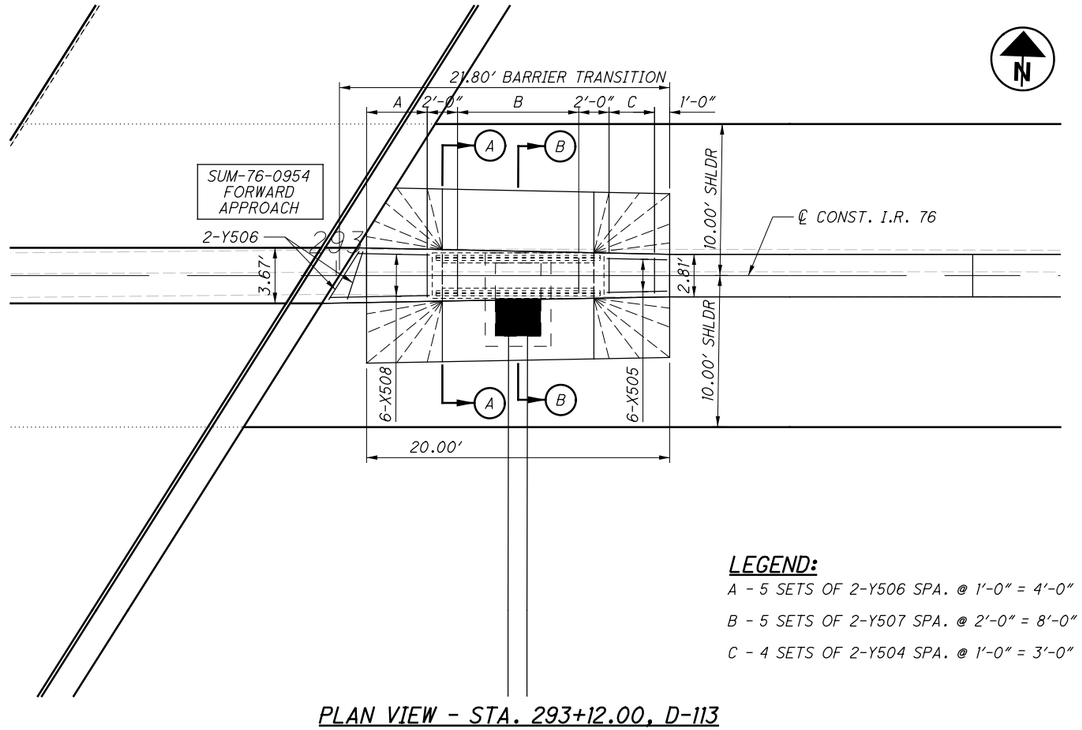
A - 4 SETS OF 2-Y504 SPA. @ 1'-0" = 3'-0"

B - 5 SETS OF 2-Y505 SPA. @ 2'-0" = 8'-0"

C - 10 SETS OF 2-Y506 SPA. @ 1'-0" = 9'-0"

PLAN VIEW - STA. 265+97.00, D-61

ONLY BOTTOM LONGITUDINAL BARS SHOWN



LEGEND:

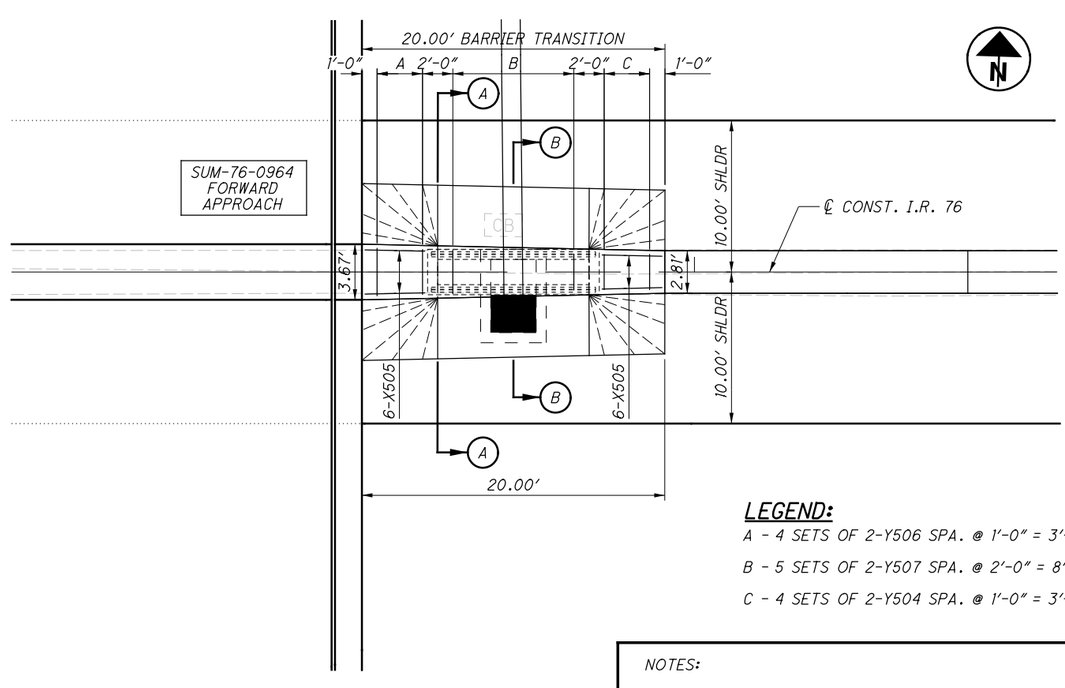
A - 5 SETS OF 2-Y506 SPA. @ 1'-0" = 4'-0"

B - 5 SETS OF 2-Y507 SPA. @ 2'-0" = 8'-0"

C - 4 SETS OF 2-Y504 SPA. @ 1'-0" = 3'-0"

PLAN VIEW - STA. 293+12.00, D-113

ONLY BOTTOM LONGITUDINAL BARS SHOWN



LEGEND:

A - 4 SETS OF 2-Y506 SPA. @ 1'-0" = 3'-0"

B - 5 SETS OF 2-Y507 SPA. @ 2'-0" = 8'-0"

C - 4 SETS OF 2-Y504 SPA. @ 1'-0" = 3'-0"

PLAN VIEW - STA. 296+38.05, D-142

ONLY BOTTOM LONGITUDINAL BARS SHOWN

NOTES:

1. SECTION CUT LOCATIONS, NOTE REFERENCES, AND OTHER DETAILED INFORMATION NOT SHOWN ON THIS SHEET CAN BE FOUND ON ODOT SCD I-2.2.

2. SEE SHEET 188 FOR ADDITIONAL INFORMATION.

ISSUE RECORD:		
NO.	DATE	DESCRIPTION

HORIZONTAL SCALE IN FEET
0 2.5 5 10

CALCULATED SRB
CHECKED JFM

BARRIER REINFORCING DETAILS I-3 B1, AS PER PLAN

SUM-76/77/8-8.24/9.74/0.00

2026-03-24 - BU-32 - RECORD DRAWING PLANS

PARSONS
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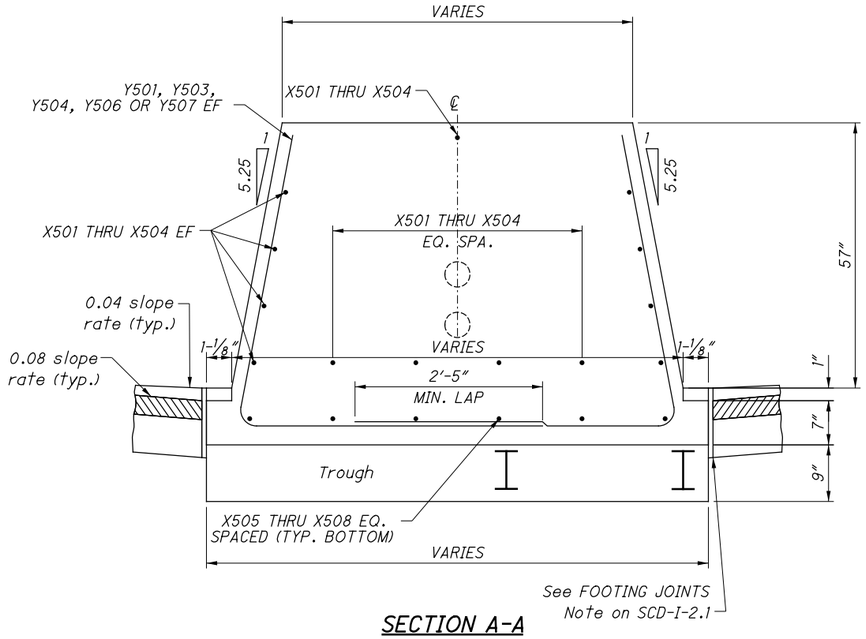
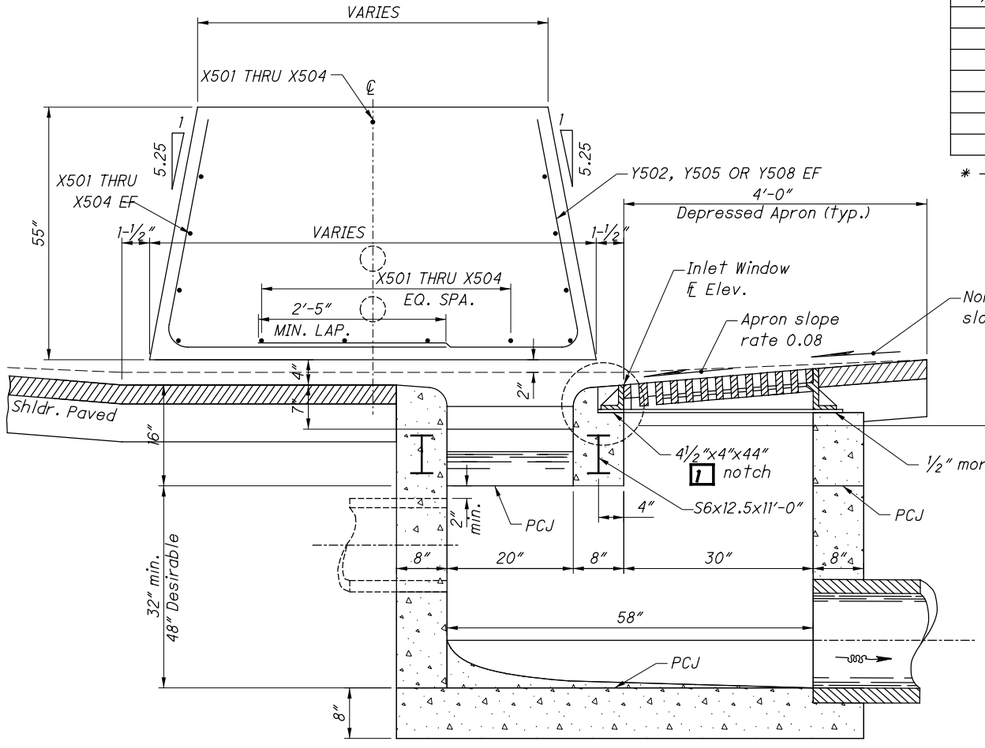
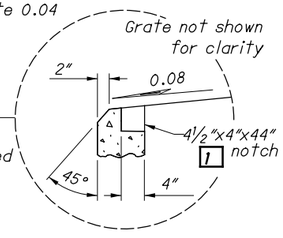


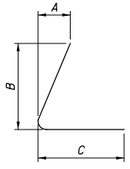
SECTION A-A



SECTION B-B



ALTERNATE
SPILLWAY DETAIL



TYPE-11

MARK	NUMBER D-92 STA. 255+73	D-61 STA. 265+97	D-113 STA. 293+12	D-142 STA. 296+38	TOTAL	LENGTH	WEIGHT	TYPE	DIMENSIONS A	B	C				INC
Y501	8				8	8'-6"	71	11	11¼"	4'-11"	3'-8"				
Y502	10				10	11'-10"	123	11	9⅜"	4'-1"	4'-0"				
Y503	8				8	9'-1"	76	11	11¼"	4'-11"	4'-3"				
Y504		8	8	8	24	8'-3"	207	11	11¼"	4'-11"	3'-5"				
Y505		10			10	11'-5"	119	11	9⅜"	4'-1"	3'-7"				
Y506		22	14	8	44	8'-7"	394	11	11¼"	4'-11"	3'-9"				
Y507			10	10	20	11'-6"	240	11	9⅜"	4'-1"	3'-8"				
X501	13				13	19'-8"	244	STR							
*X502		13			13	26'-5"	164	STR							
*X503			13		13	22'-5"	127	STR							
X504				13	13	19'-8"	117	STR							
X505	6	6	6	12	30	4'-8"	146	STR							
X506	6				6	4'-7"	29	STR							
*X507		6			6	11'-5"	71	STR							
*X508			6		6	7'-5"	46	STR							
					SUB-TOTAL		2174								

* - FIELD TRIM LONGITUDINAL BARS AS REQUIRED.

NOTES:

1. SECTION CUT LOCATIONS, NOTE REFERENCES, AND OTHER DETAILED INFORMATION NOT SHOWN ON THIS SHEET CAN BE FOUND ON ODOT SCD I-2.2.

2. SEE SHEET 187 FOR ADDITIONAL INFORMATION.

ISSUE RECORD:

NO.	DATE	DESCRIPTION

CALCULATED SRB
CHECKED JFM

BARRIER REINFORCING DETAILS I-3 B1, AS PER PLAN

SUM-76/77/8-8.24/9.74/0.00

2026-03-24 - BU-32 - RECORD DRAWING PLANS

PARSONS
pw:\\VANVA01PWINT01.parsons.com:Ohio State\Documents\DB-Akron Beltway Rehab\10 - Design\102329\Roadway\Sheets\BU-32\102329_BU-32_GR402.dgn-2/16/2022-5:26:43 PM-p007870A