

* 0.04 OR PAVEMENT SLOPE IF GREATER THAN 0.04

** .024 MIN., 0.04 MAX.

- ① ITEM 442 ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (447), PWL 2025, AS PER PLAN - 1.50"
- ② ITEM 442 ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5 MM, TYPE A (446), PWL 2025, AS PER PLAN - 1.75"
- ③ ITEM 302 ASPHALT CONCRETE BASE, AS PER PLAN - 5.50"
- ④ ITEM 304 AGGREGATE BASE - 6"
- ⑤ ITEM 206 CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP

- ⑥ ITEM 202 PAVEMENT REMOVED

- ⑦ ITEM 204 EMBANKMENT

- ⑧ ITEM 204 PROOF ROLLING - (AFTER STABILIZATION)

- ⑨ ITEM 254 PAVEMENT PLANING, ASPHALT CONCRETE (1.50" DEPTH)

- ⑩ ITEM 254 PAVEMENT PLANING, ASPHALT CONCRETE, AS PER PLAN (VARIABLE DEPTH - 3.55" MAX.)

- ⑪ ITEM 255 FULL DEPTH PAVEMENT SAWING

- ⑫ ITEM 407 NON-TRACKING TACK COAT

- ⑬ ITEM 408 PRIME COAT, AS PER PLAN

- ⑭ ITEM 605 6" SHALLOW PIPE UNDERDRAINS - 30" DEPTH

- ⑮ ITEM 605 6" BASE PIPE UNDERDRAINS - 18" DEPTH

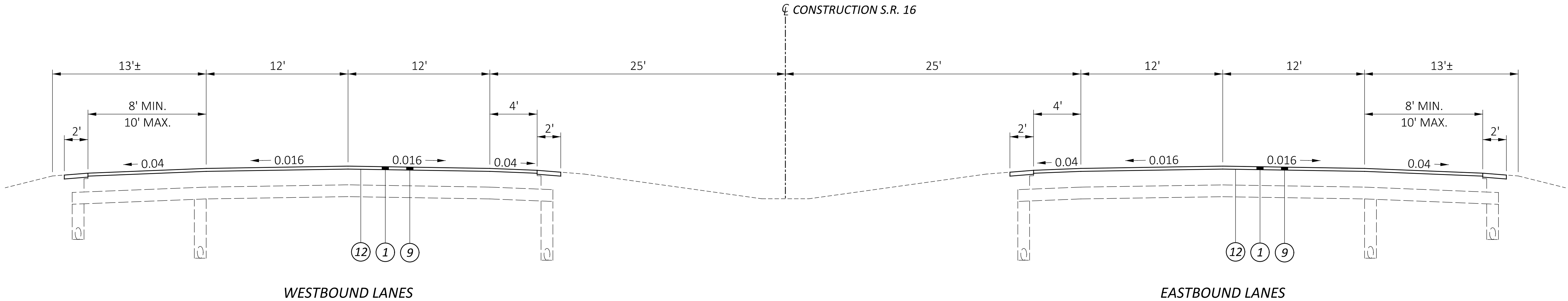
- ⑯ ITEM 606 GUARDRAIL, TYPE MGS WITH LONG POSTS

- ⑰ ITEM 617 COMPACTED AGGREGATE, AS PER PLAN - 2"

- ⑱ ITEM 622 CONCRETE BARRIER, SINGLE SLOPE, TYPE C, AS PER PLAN

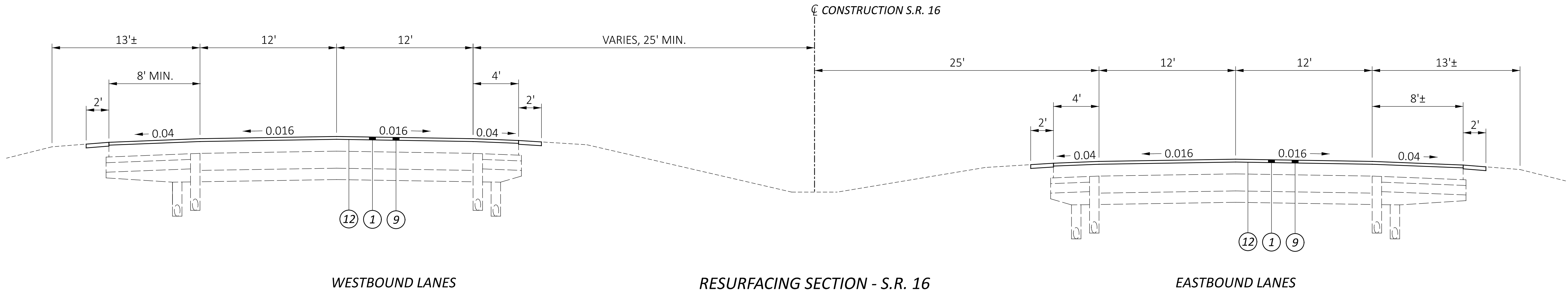
- ⑲ ITEM 622 CONCRETE BARRIER, SINGLE SLOPE, TYPE D

— LEGEND —



RESURFACING SECTION - S.R. 37

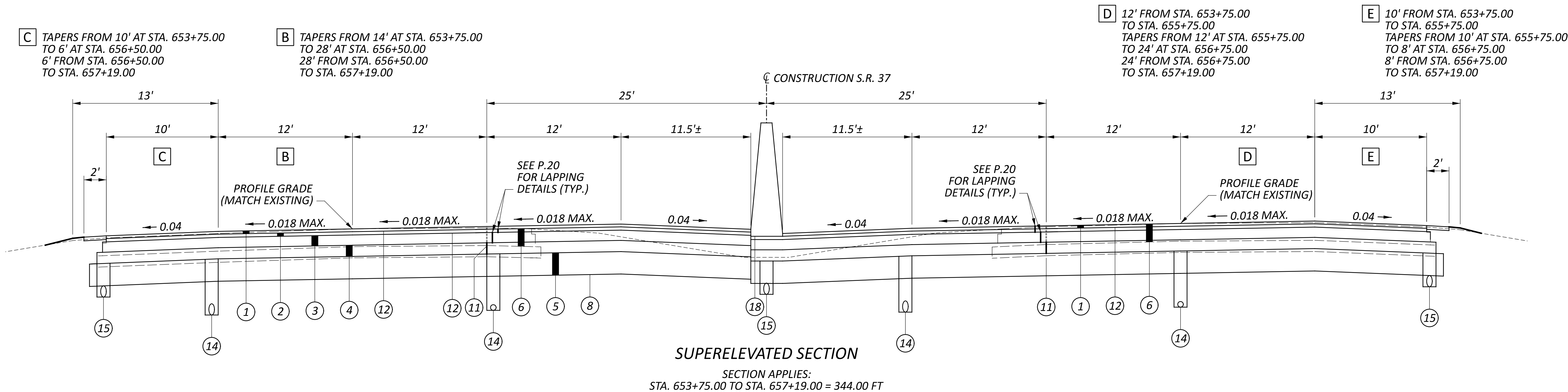
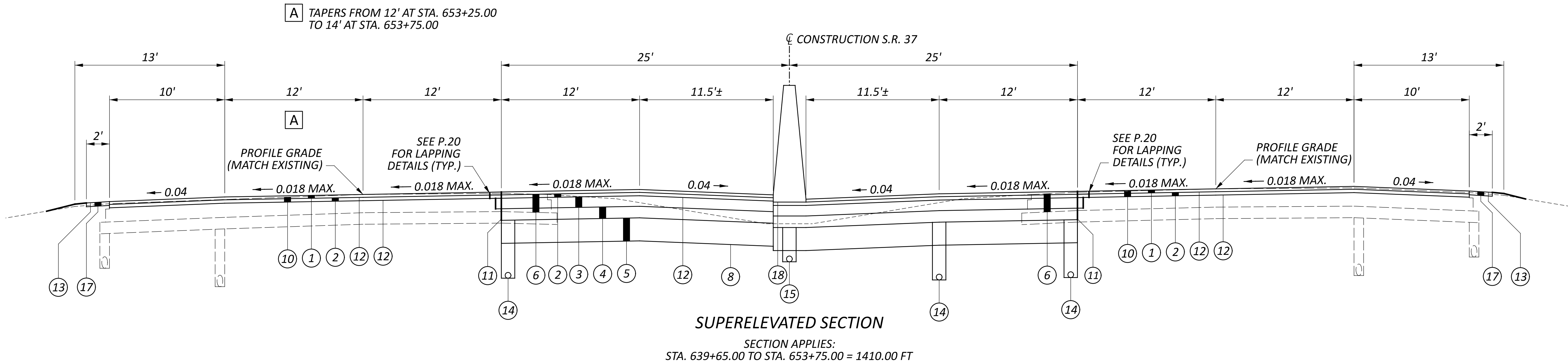
SECTION APPLIES:
STA. 803+36.00 TO STA. 819+08.00 = 1572.00 FT



RESURFACING SECTION - S.R. 16

SECTION APPLIES:
STA. 819+08.00 TO STA. 831+70.00 = 1262.00 FT





— **LEGEND** —

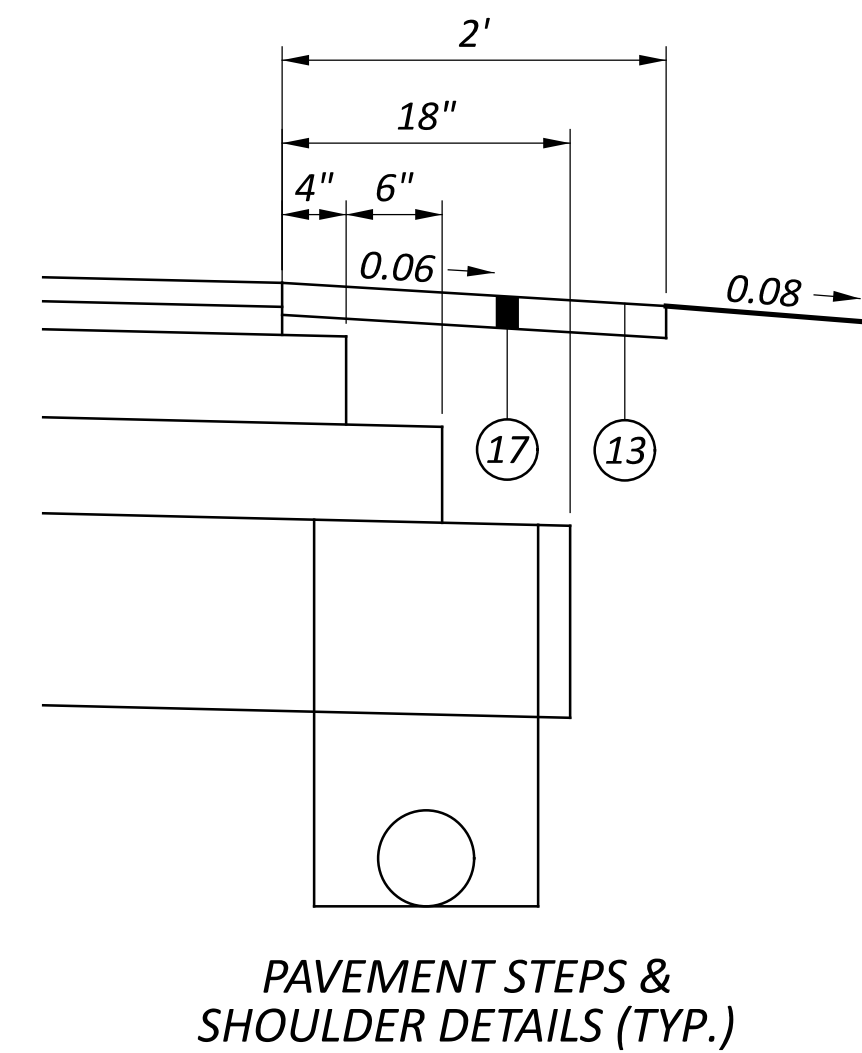
* 0.04 OR PAVEMENT SLOPE IF GREATER THAN 0.04

** .024 MIN., 0.04 MAX.

- ① ITEM 442 ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (447), PWL 2025, AS PER PLAN - 1.50"
- ② ITEM 442 ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5 MM, TYPE A (446), PWL 2025, AS PER PLAN - 1.75"
- ③ ITEM 302 ASPHALT CONCRETE BASE, AS PER PLAN - 5.50"
- ④ ITEM 304 AGGREGATE BASE - 6"
- ⑤ ITEM 206 CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP

- ⑥ ITEM 202 PAVEMENT REMOVED
- ⑦ ITEM 204 EMBANKMENT
- ⑧ ITEM 204 PROOF ROLLING - (AFTER STABILIZATION)
- ⑨ ITEM 254 PAVEMENT PLANING, ASPHALT CONCRETE (1.50" DEPTH)
- ⑩ ITEM 254 PAVEMENT PLANING, ASPHALT CONCRETE, AS PER PLAN (VARIABLE DEPTH - 3.55" MAX.)
- ⑪ ITEM 255 FULL DEPTH PAVEMENT SAWING
- ⑫ ITEM 407 NON-TRACKING TACK COAT

- ⑬ ITEM 408 PRIME COAT, AS PER PLAN
- ⑭ ITEM 605 6" SHALLOW PIPE UNDERDRAINS - 30" DEPTH
- ⑮ ITEM 605 6" BASE PIPE UNDERDRAINS - 18" DEPTH
- ⑯ ITEM 606 GUARDRAIL, TYPE MGS WITH LONG POSTS
- ⑰ ITEM 617 COMPACTED AGGREGATE, AS PER PLAN - 2"
- ⑱ ITEM 622 CONCRETE BARRIER, SINGLE SLOPE, TYPE C, AS PER PLAN
- ⑲ ITEM 622 CONCRETE BARRIER, SINGLE SLOPE, TYPE D



NOTE: PAVEMENT REMOVAL NOT SHOWN FOR CLARITY

D 10' TYP. EXCEPT:

6' FROM STA. 657+19.00
TO STA. 659+48.37

8' FROM STA. 671+33.43
TO STA. 674+00.00
TAPERS FROM 8' AT STA. 674+00.00
TO 10' AT STA. 675+00.00

TAPERS FROM 10' AT STA. 682+00.00
TO 4' AT STA. 685+00.00
4' FROM STA. 685+00.00
TO STA. 688+73.43

C 12' TYP. EXCEPT:

28' FROM STA. 657+19.00
TO STA. 659+48.37

24' FROM STA. 671+33.43
TO STA. 674+00.00
TAPERS FROM 24' AT STA. 674+00.00
TO 12' AT STA. 675+00.00

TAPERS FROM 12' AT STA. 682+00.00
TO 28' AT STA. 685+00.00
28' FROM STA. 685+00.00
TO STA. 688+73.43

A SEE RAMP A ACCEL LANE TYPICAL SECTION
(STA. 659+48.37 TO STA. 662+52.00)

SEE RAMP B DECEL LANE TYPICAL SECTION
(STA. 668+72.50 TO STA. 671+33.43)

SEE RAMP E ACCEL LANE TYPICAL SECTION
(STA. 688+73.43 TO STA. 691+43.00)

SEE RAMP F DECEL LANE TYPICAL SECTION
(STA. 702+75.00 TO STA. 703+99.00)

B SEE RAMP C ACCEL LANE TYPICAL SECTION
(STA. 658+06.80 TO STA. 661+77.00)

SEE RAMP D DECEL LANE TYPICAL SECTION
(STA. 676+74.00 TO STA. 679+38.53)

SEE RAMP G ACCEL LANE TYPICAL SECTION
(STA. 685+03.41 TO STA. 688+00.00)

E 12' TYP. EXCEPT:

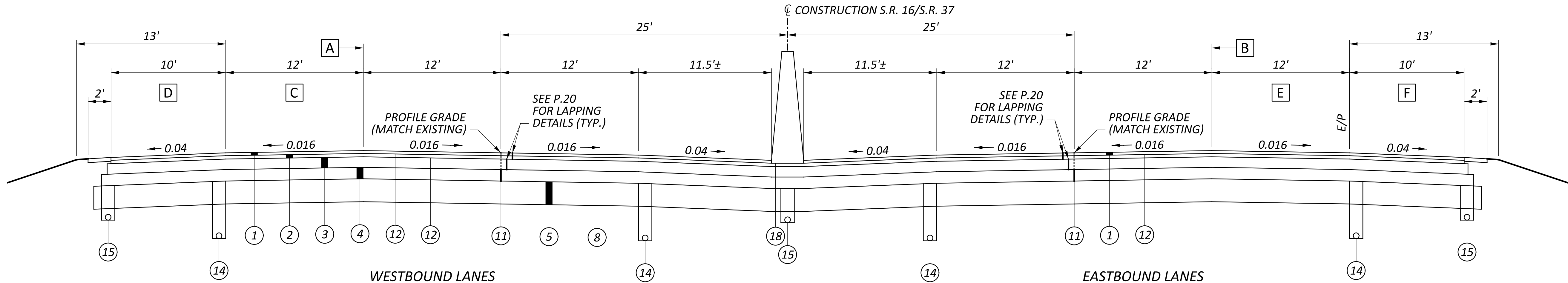
24' FROM STA. 657+19.00
TO STA. 658+06.80

28' FROM STA. 679+38.53
TO STA. 684+38.12
27.X'± FROM STA. 684+38.12
TO STA. 685+03.41

F 10' TYP. EXCEPT:

8' FROM STA. 657+19.00
TO STA. 658+06.80

4' FROM STA. 679+38.53
TO STA. 684+38.12
0' FROM STA. 684+38.12
TO STA. 685+03.41



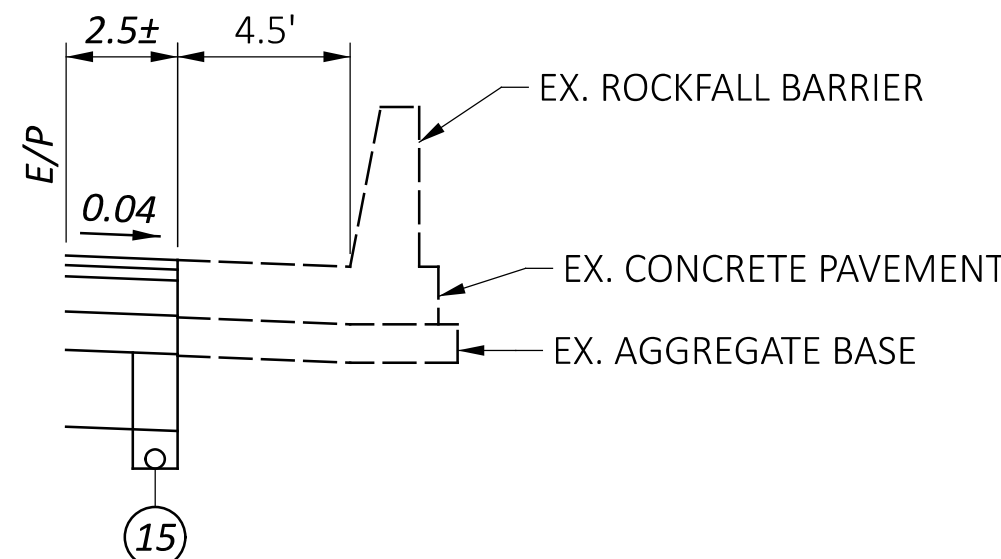
NORMAL SECTION

SECTION APPLIES:

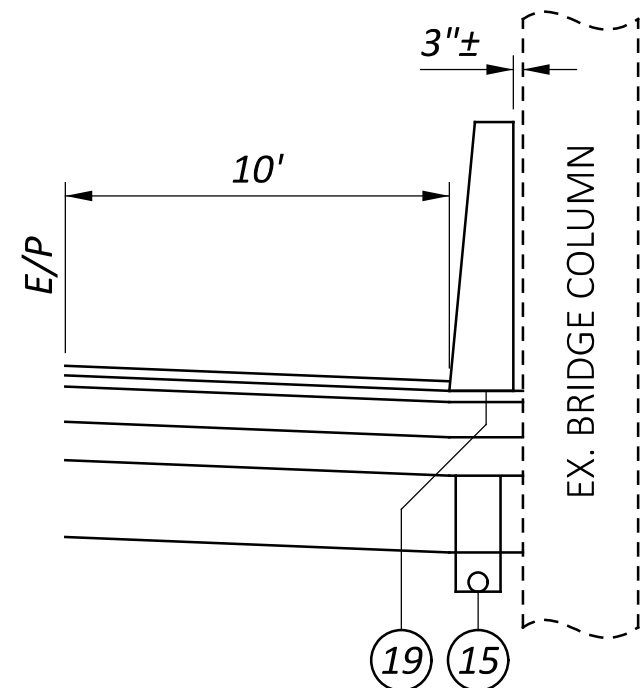
STA. 657+19.00 TO STA. 703+99.00 = 4680.00 FT
STA. 729+24.00 TO STA. 764+09.00 = 3485.00 FT
STA. 792+12.00 TO STA. 803+36.00 = 1124.00 FT

[DEDUCT LIC-16-15.59L/R BRIDGE LIMITS:]

WB: STA. 748+17.81 TO STA. 750+42.65 = 224.84 FT
EB: STA. 748+17.18 TO STA. 750+32.02 = 224.84 FT



EX. ROCKFALL BARRIER SECTION APPLIES:
STA. 684+38.12 TO STA. 685+03.41



BARRIER SECTION APPLIES:
STA. 671+06.00 TO STA. 671+63.00

BARRIER SECTION APPLIES:
(S.R. 37) STA. 671+61.00 TO STA. 672+19.00

LEGEND

* 0.04 OR PAVEMENT SLOPE IF GREATER THAN 0.04

** .024 MIN., 0.04 MAX.

- ① ITEM 442 ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (447), PWL 2025, AS PER PLAN - 1.50"
- ② ITEM 442 ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5 MM, TYPE A (446), PWL 2025, AS PER PLAN - 1.75"
- ③ ITEM 302 ASPHALT CONCRETE BASE, AS PER PLAN - 5.50"
- ④ ITEM 304 AGGREGATE BASE - 6"
- ⑤ ITEM 206 CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP

⑥ ITEM 202 PAVEMENT REMOVED

⑦ ITEM 204 EMBANKMENT

⑧ ITEM 204 PROOF ROLLING - (AFTER STABILIZATION)

⑨ ITEM 254 PAVEMENT PLANING, ASPHALT CONCRETE (1.50" DEPTH)

⑩ ITEM 254 PAVEMENT PLANING, ASPHALT CONCRETE, AS PER PLAN (VARIABLE DEPTH - 3.55" MAX.)

⑪ ITEM 255 FULL DEPTH PAVEMENT SAWING

⑫ ITEM 407 NON-TRACKING TACK COAT

⑬ ITEM 408 PRIME COAT, AS PER PLAN

⑭ ITEM 605 6" SHALLOW PIPE UNDERDRAINS - 30" DEPTH

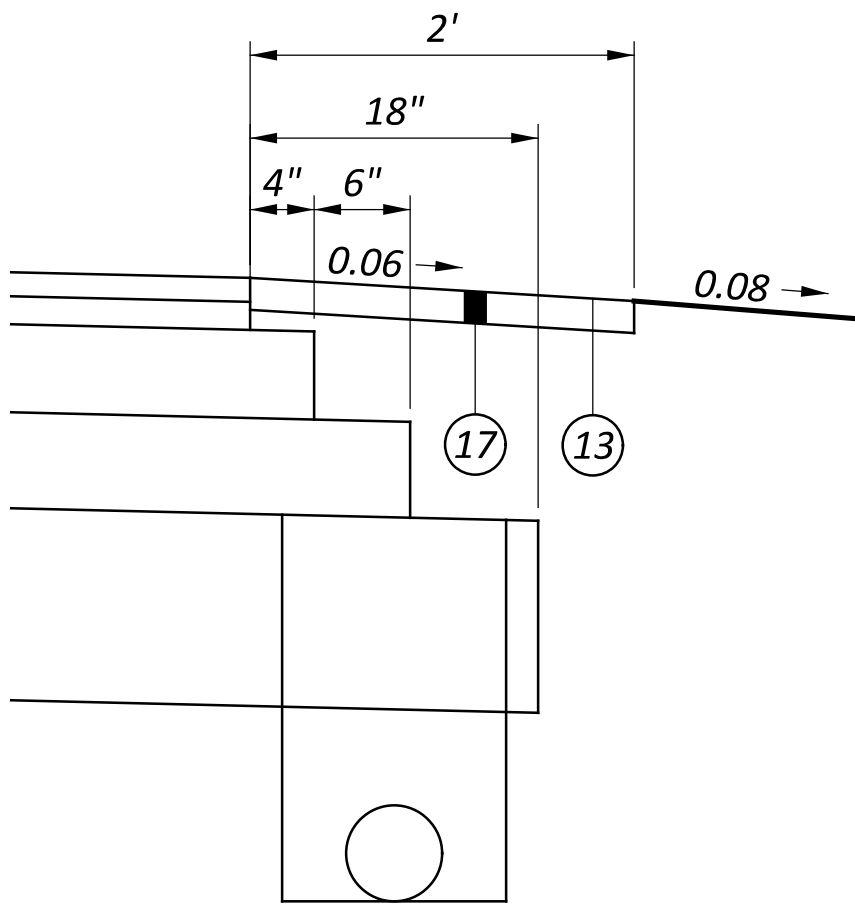
⑮ ITEM 605 6" BASE PIPE UNDERDRAINS - 18" DEPTH

⑯ ITEM 606 GUARDRAIL, TYPE MGS WITH LONG POSTS

⑰ ITEM 617 COMPACTED AGGREGATE, AS PER PLAN - 2"

⑱ ITEM 622 CONCRETE BARRIER, SINGLE SLOPE, TYPE C, AS PER PLAN

⑲ ITEM 622 CONCRETE BARRIER, SINGLE SLOPE, TYPE D



PAVEMENT STEPS &
SHOULDER DETAILS (TYP.)

DESIGN AGENCY



DESIGNER

BRH

REVIEWER

CMY 09/05/25

PROJECT ID

95445

SHEET

P.13

TOTAL

895

NOTE: PAVEMENT REMOVAL NOT SHOWN FOR CLARITY

D 10' TYP. EXCEPT:

8' FROM STA. 705+33.48
TO STA. 708+00.00
TAPERS FROM 8' AT STA. 708+00.00
TO 10' AT STA. 709+00.00

C 12' TYP. EXCEPT:

24' FROM STA. 705+33.48
TO STA. 708+00.00
TAPERS FROM 24' AT STA. 708+00.00
TO 12' AT STA. 709+00.00

A SEE RAMP F DECEL LANE TYPICAL SECTION
(STA. 703+99.00 TO STA. 705+33.48)

B SEE RAMP H DECEL LANE TYPICAL SECTION
(STA. 707+53.00 TO STA. 712+08.61)

E 12' TYP. EXCEPT:

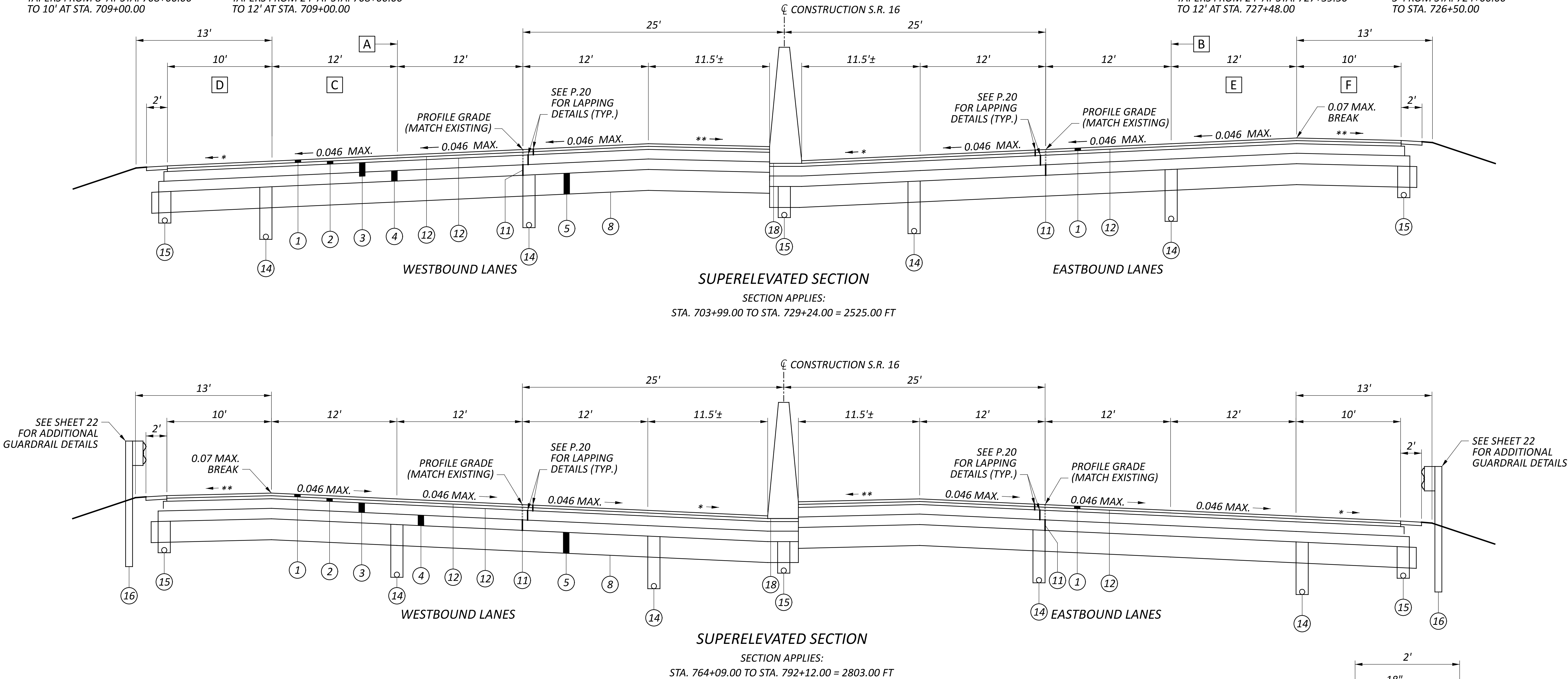
24' FROM STA. 712+08.61
TO STA. 714+00.00
TAPERS FROM 24' AT STA. 714+00.00
TO 12' AT STA. 718+00.00

TAPERS FROM 12' AT STA. 723+00.00
TO 24' AT STA. 724+00.00
24' FROM STA. 724+00.00
TO STA. 727+39.50
TAPERS FROM 24' AT STA. 727+39.50
TO 12' AT STA. 727+48.00

F 10' TYP. EXCEPT:

8' FROM STA. 712+08.61
TO STA. 714+00.00
TAPERS FROM 8' AT STA. 714+00.00
TO 10' AT STA. 718+00.00

TAPERS FROM 10' AT STA. 723+00.00
TO 3' AT STA. 724+00.00
3' FROM STA. 724+00.00
TO STA. 726+50.00



LEGEND

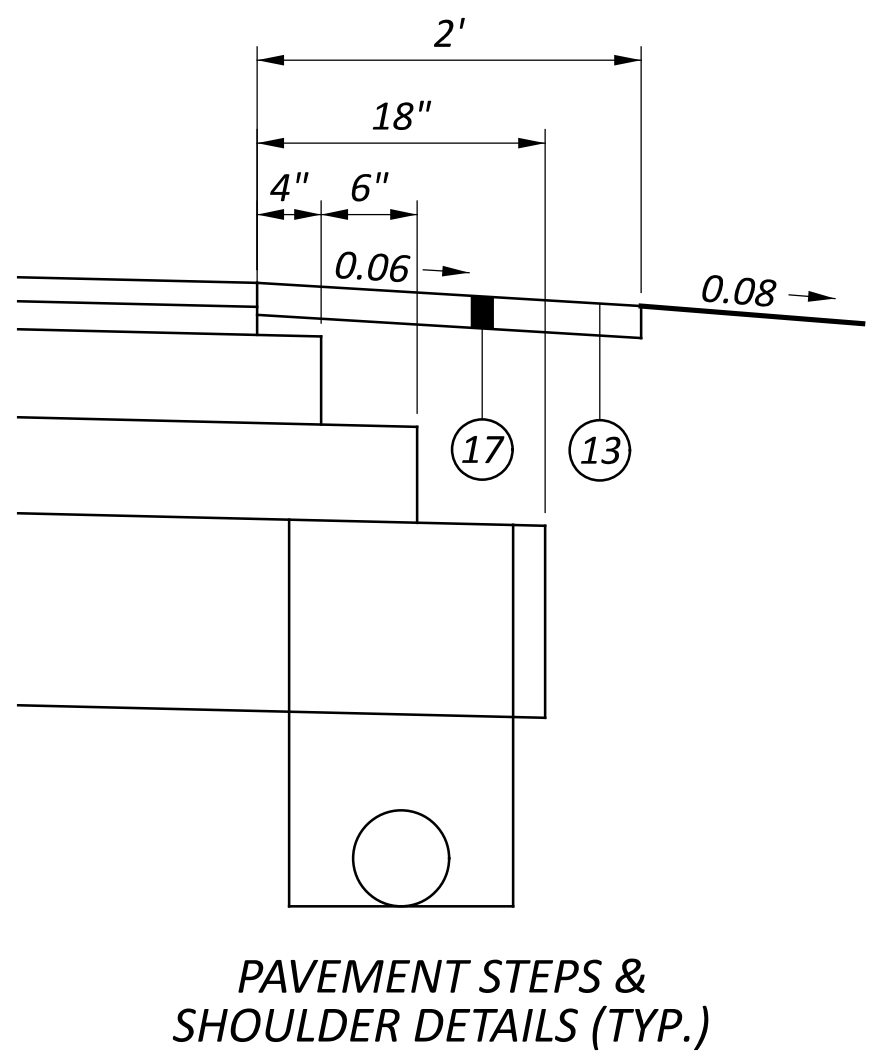
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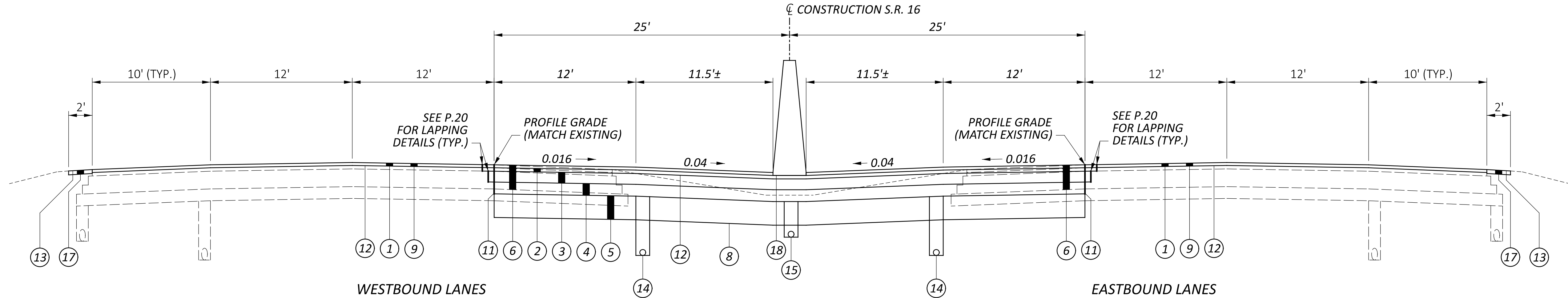
** .024 MIN., 0.04 MAX.

- 1 ITEM 442 ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (447), PWL 2025, AS PER PLAN - 1.50"
- 2 ITEM 442 ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5 MM, TYPE A (446), PWL 2025, AS PER PLAN - 1.75"
- 3 ITEM 302 ASPHALT CONCRETE BASE, AS PER PLAN - 5.50"
- 4 ITEM 304 AGGREGATE BASE - 6"
- 5 ITEM 206 CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP

- 6 ITEM 202 PAVEMENT REMOVED
- 7 ITEM 204 EMBANKMENT
- 8 ITEM 204 PROOF ROLLING - (AFTER STABILIZATION)
- 9 ITEM 254 PAVEMENT PLANING, ASPHALT CONCRETE (1.50" DEPTH)
- 10 ITEM 254 PAVEMENT PLANING, ASPHALT CONCRETE, AS PER PLAN (VARIABLE DEPTH - 3.55" MAX.)
- 11 ITEM 255 FULL DEPTH PAVEMENT SAWING
- 12 ITEM 407 NON-TRACKING TACK COAT

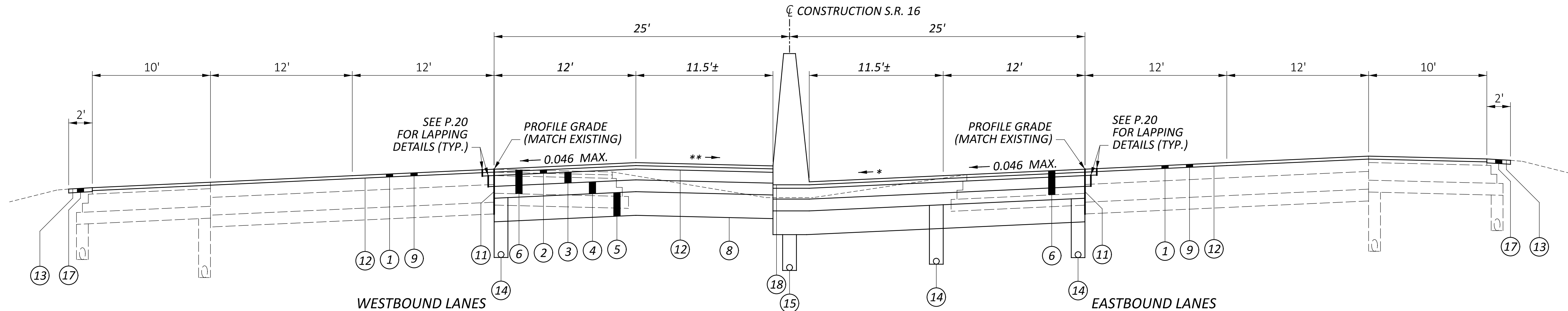
- 13 ITEM 408 PRIME COAT, AS PER PLAN
- 14 ITEM 605 6" SHALLOW PIPE UNDERDRAINS - 30" DEPTH
- 15 ITEM 605 6" BASE PIPE UNDERDRAINS - 18" DEPTH
- 16 ITEM 606 GUARDRAIL, TYPE MGS WITH LONG POSTS
- 17 ITEM 617 COMPACTED AGGREGATE, AS PER PLAN - 2"
- 18 ITEM 622 CONCRETE BARRIER, SINGLE SLOPE, TYPE C, AS PER PLAN
- 19 ITEM 622 CONCRETE BARRIER, SINGLE SLOPE, TYPE D





NORMAL WIDENING SECTION

SECTION APPLIES:
STA. 803+36.00 TO STA. 819+08.00 = 1572.00 FT



SUPERELEVATED WIDENING SECTION

SECTION APPLIES:
STA. 819+08.00 TO STA. 831+70.00 = 1262.00 FT

— LEGEND —

* 0.04 OR PAVEMENT SLOPE IF GREATER THAN 0.04

** .024 MIN., 0.04 MAX.

- ① ITEM 442 ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (447), PWL 2025, AS PER PLAN - 1.50"
- ② ITEM 442 ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5 MM, TYPE A (446), PWL 2025, AS PER PLAN - 1.75"
- ③ ITEM 302 ASPHALT CONCRETE BASE, AS PER PLAN - 5.50"
- ④ ITEM 304 AGGREGATE BASE - 6"
- ⑤ ITEM 206 CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP

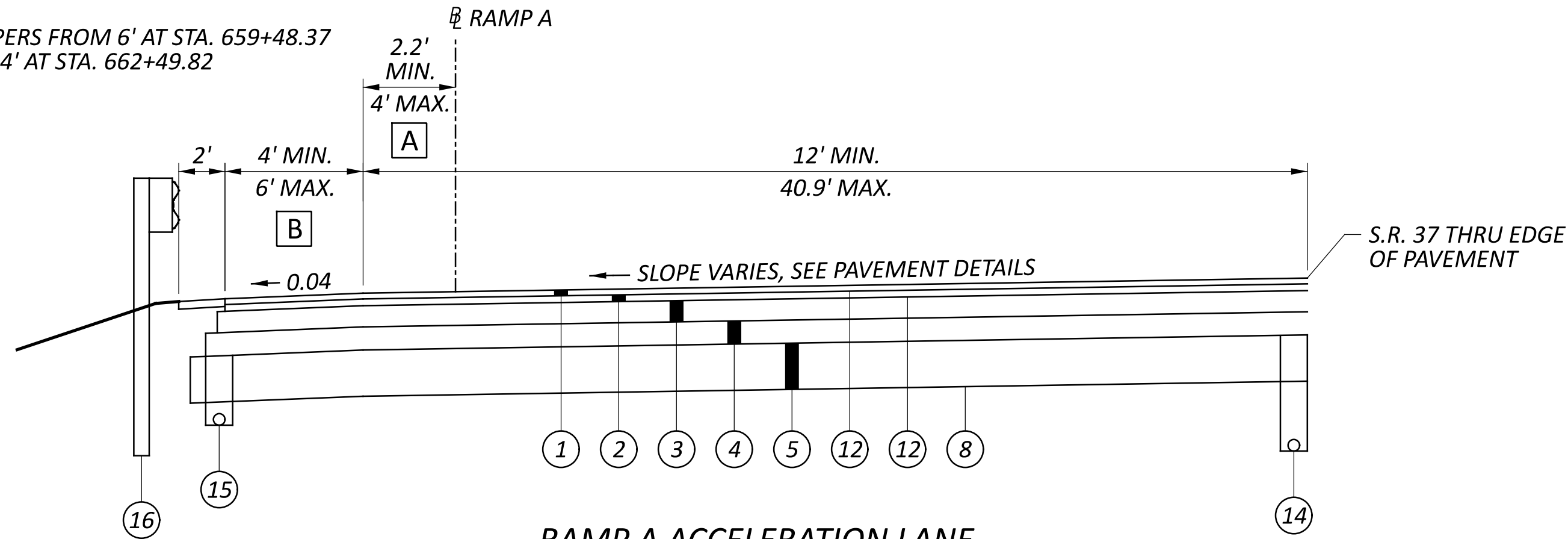
- ⑥ ITEM 202 PAVEMENT REMOVED
- ⑦ ITEM 204 EMBANKMENT
- ⑧ ITEM 204 PROOF ROLLING - (AFTER STABILIZATION)
- ⑨ ITEM 254 PAVEMENT PLANING, ASPHALT CONCRETE (1.50" DEPTH)
- ⑩ ITEM 254 PAVEMENT PLANING, ASPHALT CONCRETE, AS PER PLAN (VARIABLE DEPTH - 3.55" MAX.)
- ⑪ ITEM 255 FULL DEPTH PAVEMENT SAWING
- ⑫ ITEM 407 NON-TRACKING TACK COAT

- ⑬ ITEM 408 PRIME COAT, AS PER PLAN
- ⑭ ITEM 605 6" SHALLOW PIPE UNDERDRAINS - 30" DEPTH
- ⑮ ITEM 605 6" BASE PIPE UNDERDRAINS - 18" DEPTH
- ⑯ ITEM 606 GUARDRAIL, TYPE MGS WITH LONG POSTS
- ⑰ ITEM 617 COMPACTED AGGREGATE, AS PER PLAN - 2"
- ⑱ ITEM 622 CONCRETE BARRIER, SINGLE SLOPE, TYPE C, AS PER PLAN
- ⑲ ITEM 622 CONCRETE BARRIER, SINGLE SLOPE, TYPE D



A TAPERS FROM 4' AT STA. 659+48.37
TO 2.2' AT STA. 662+49.82

B TAPERS FROM 6' AT STA. 659+48.37
TO 4' AT STA. 662+49.82

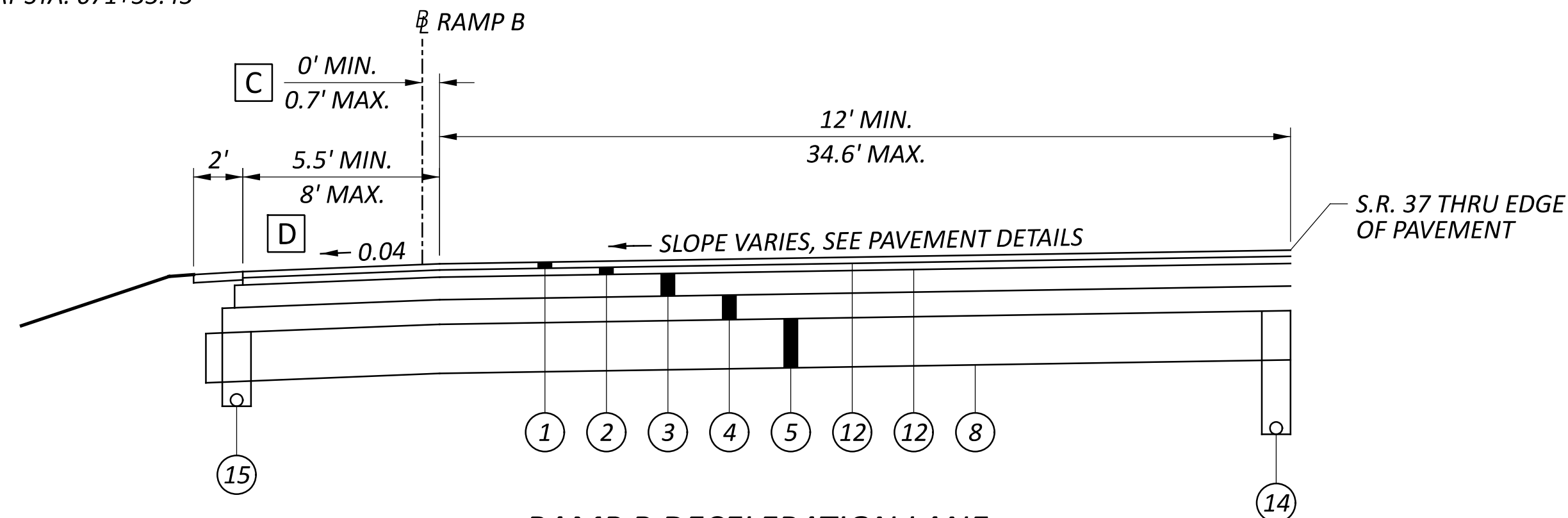


RAMP A ACCELERATION LANE

SECTION APPLIES:
(S.R. 37) STA. 659+48.37 TO 662+49.82 = 301.45 FT

C TAPERS FROM 0.7' AT STA. 668+76.04
TO 0' AT STA. 671+33.43

D TAPERS FROM 5.5' AT STA. 668+76.04
TO 8' AT STA. 671+33.43

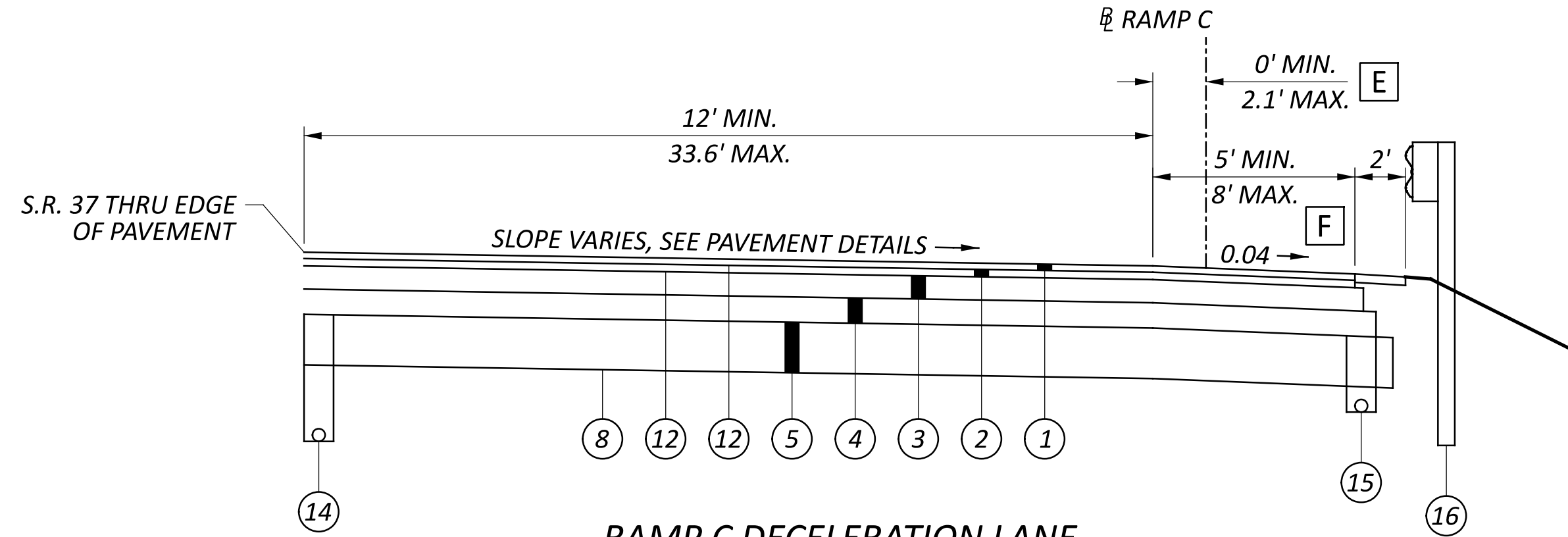


RAMP B DECELERATION LANE

SECTION APPLIES:
(S.R. 37) STA. 668+76.04 TO 671+33.43 = 257.39 FT

E TAPERS FROM 0' AT STA. 658+06.80
TO 2.1' AT STA. 661+75.31

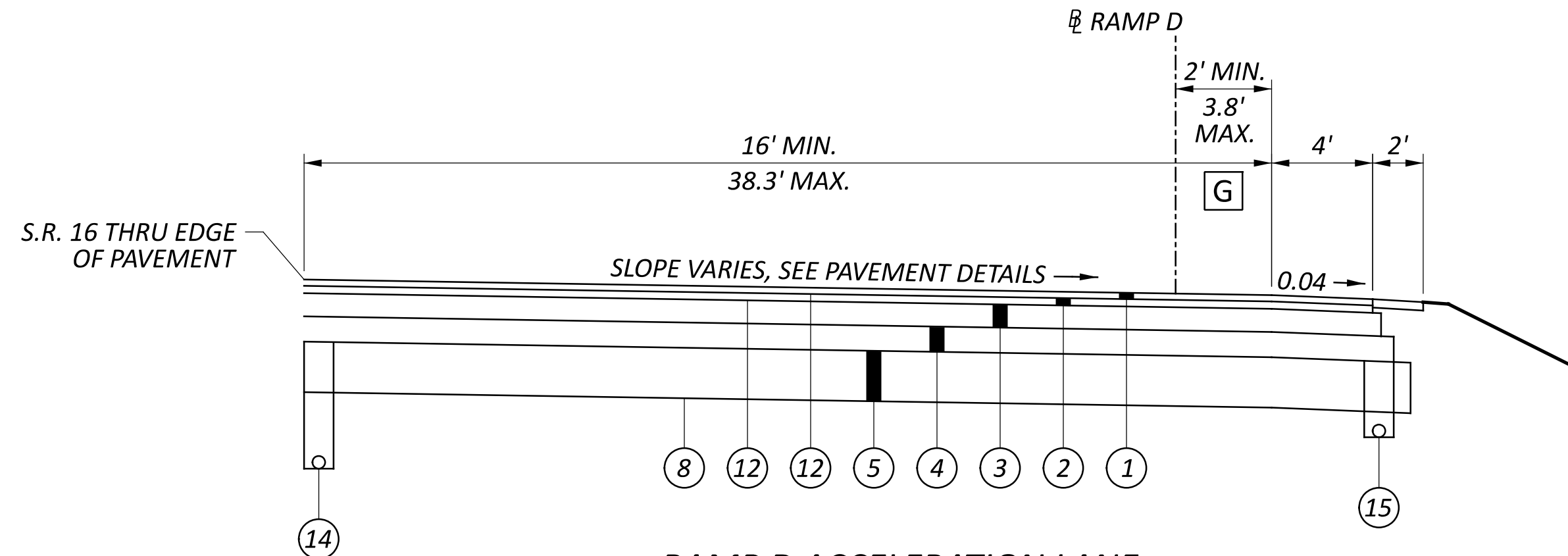
F TAPERS FROM 8' AT STA. 658+06.80
TO 5' AT STA. 661+75.31



RAMP C DECELERATION LANE

SECTION APPLIES:
(S.R. 37) STA. 658+06.80 TO 661+75.31 = 368.51 FT

G TAPERS FROM 2' AT STA. 676+74.00
TO 3.8' AT STA. 679+38.53



RAMP D ACCELERATION LANE

SECTION APPLIES:
(S.R. 16) STA. 676+74.00 TO 679+38.53 = 264.53 FT

LEGEND

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** .024 MIN., 0.04 MAX.

① ITEM 442 ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (447), PWL 2025, AS PER PLAN - 1.50"

② ITEM 442 ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5 MM, TYPE A (446), PWL 2025, AS PER PLAN - 1.75"

③ ITEM 302 ASPHALT CONCRETE BASE, AS PER PLAN - 5.50"

④ ITEM 304 AGGREGATE BASE - 6"

⑤ ITEM 206 CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP

⑥ ITEM 202 PAVEMENT REMOVED

⑦ ITEM 204 EMBANKMENT

⑧ ITEM 204 PROOF ROLLING - (AFTER STABILIZATION)

⑨ ITEM 254 PAVEMENT PLANING, ASPHALT CONCRETE (1.50" DEPTH)

⑩ ITEM 254 PAVEMENT PLANING, ASPHALT CONCRETE, AS PER PLAN (VARIABLE DEPTH - 3.55" MAX.)

⑪ ITEM 255 FULL DEPTH PAVEMENT SAWING

⑫ ITEM 407 NON-TRACKING TACK COAT

⑬ ITEM 408 PRIME COAT, AS PER PLAN

⑭ ITEM 605 6" SHALLOW PIPE UNDERDRAINS - 30" DEPTH

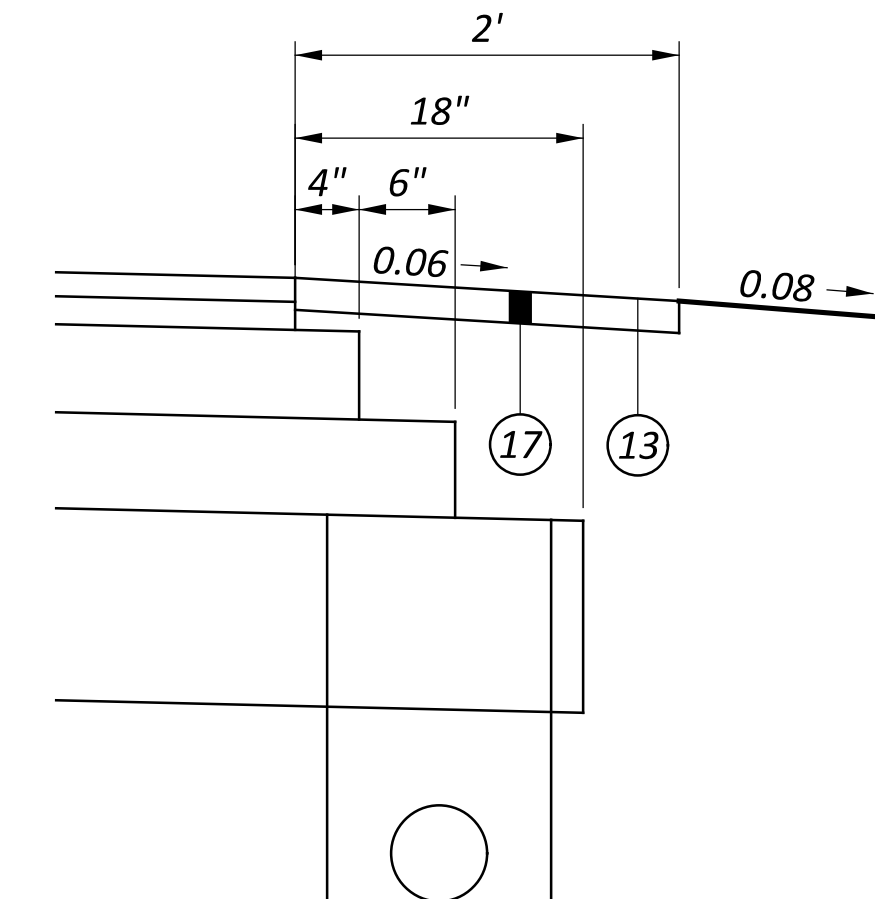
⑮ ITEM 605 6" BASE PIPE UNDERDRAINS - 18" DEPTH

⑯ ITEM 606 GUARDRAIL, TYPE MGS WITH LONG POSTS

⑰ ITEM 617 COMPACTED AGGREGATE, AS PER PLAN - 2"

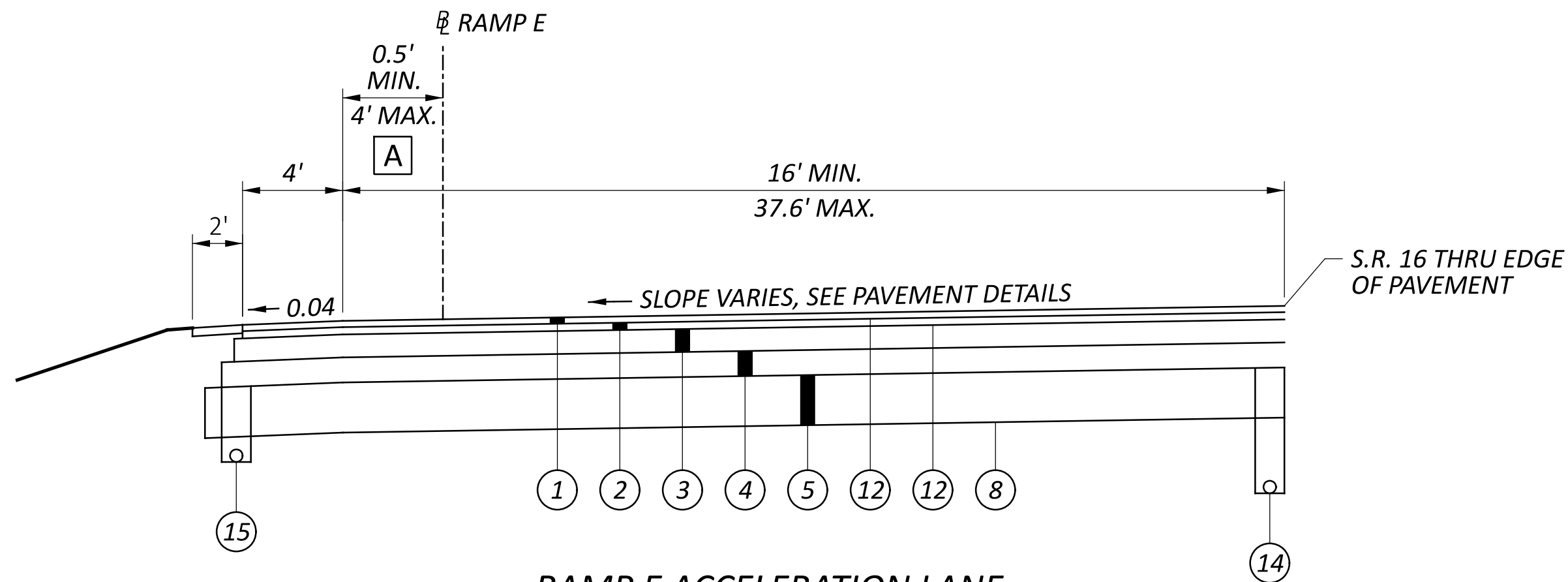
⑱ ITEM 622 CONCRETE BARRIER, SINGLE SLOPE, TYPE C, AS PER PLAN

⑲ ITEM 622 CONCRETE BARRIER, SINGLE SLOPE, TYPE D



PAVEMENT STEPS & SHOULDER DETAILS (TYP.)

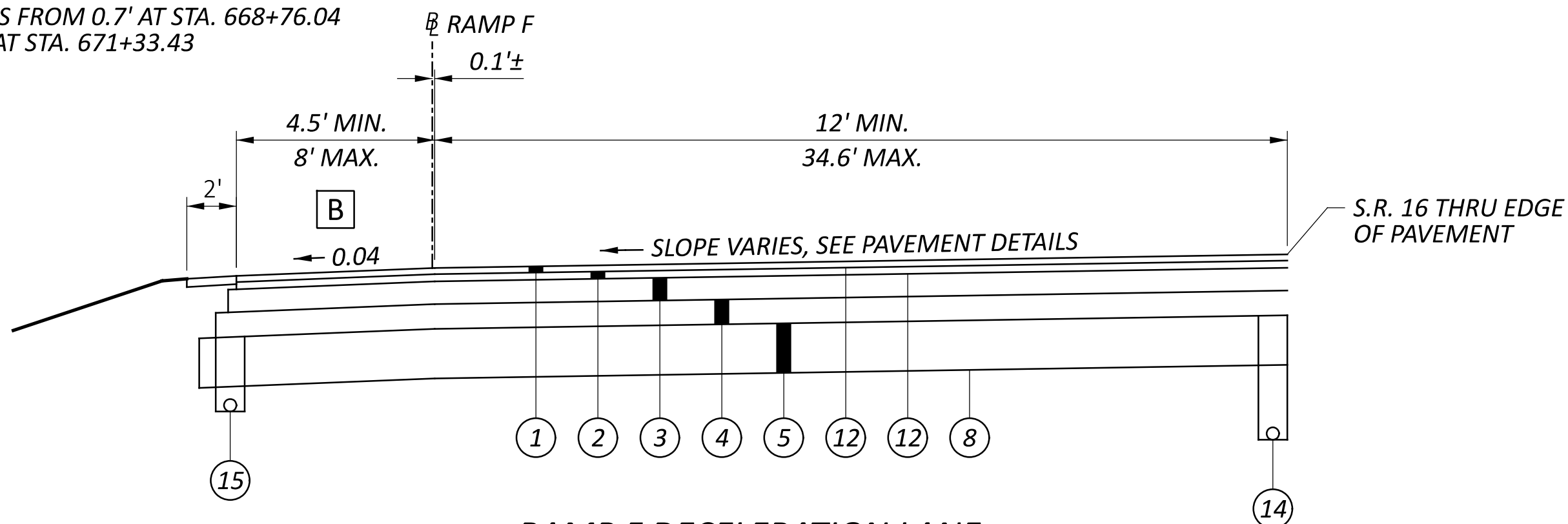
A TAPERS FROM 4' AT STA. 688+73.43
TO 2.2' AT STA. 691+43.00



RAMP E ACCELERATION LANE

SECTION APPLIES:
(S.R. 16) 688+73.43 TO 691+43.00 = 269.57 FT

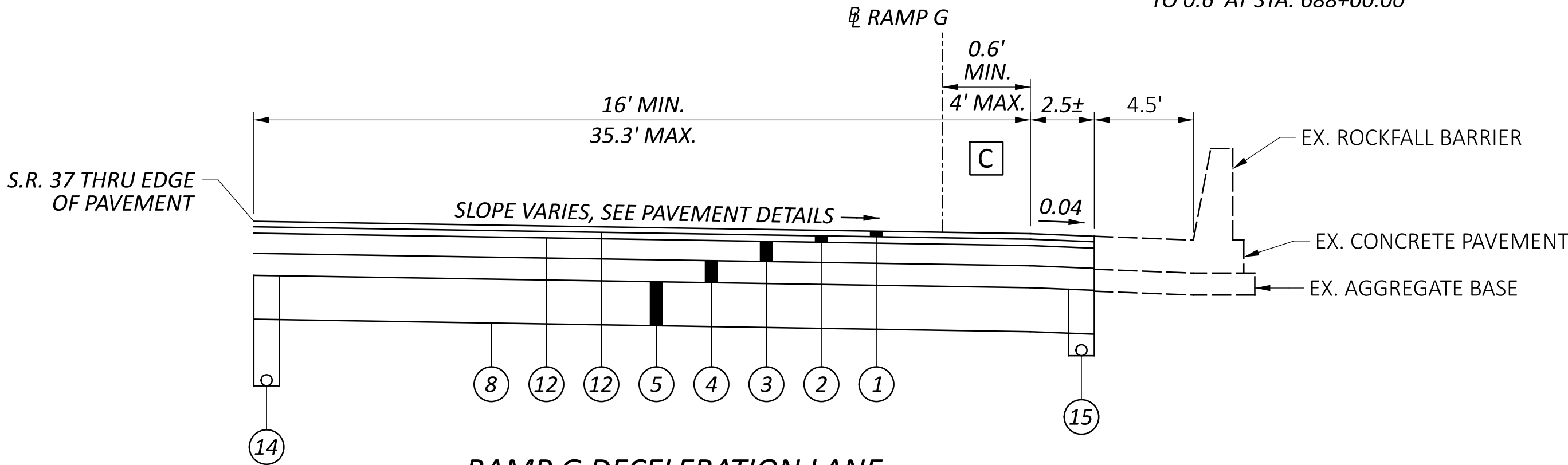
B TAPERS FROM 0.7' AT STA. 668+76.04
TO 0' AT STA. 671+33.43



RAMP F DECELERATION LANE

SECTION APPLIES:
(S.R. 16) STA. 702+75.00 TO 705+33.48 = 258.48 FT

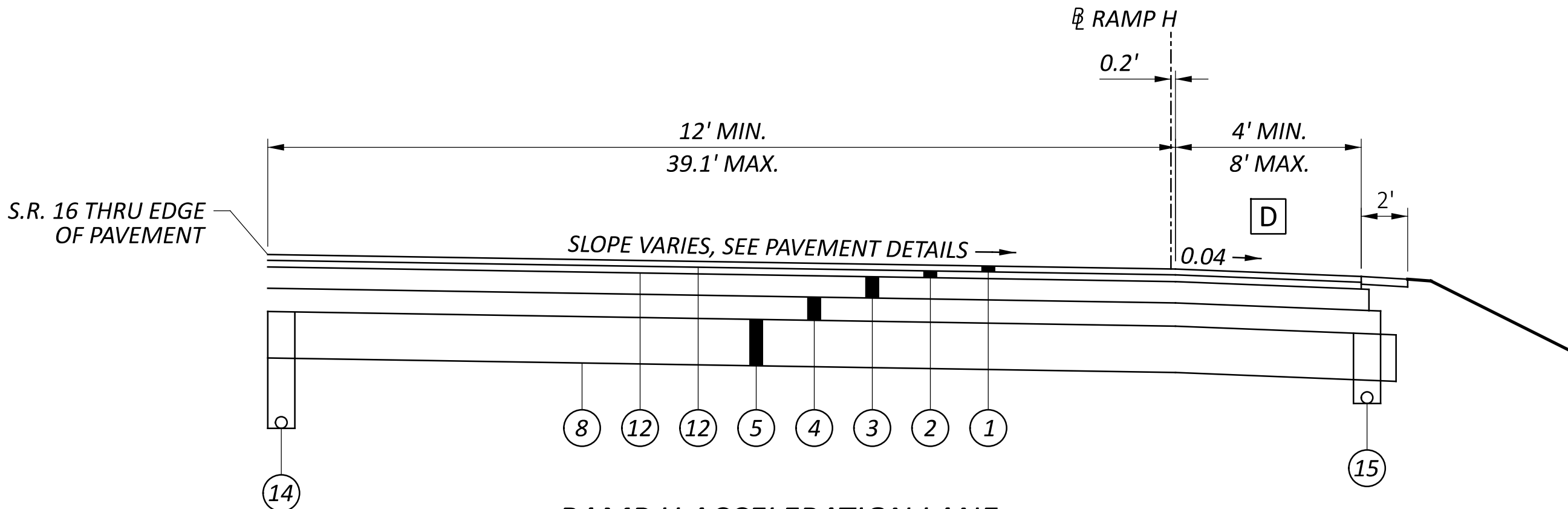
C TAPERS FROM 4' AT STA. 685+03.41
TO 0.6' AT STA. 688+00.00



RAMP G DECELERATION LANE

SECTION APPLIES:
(S.R. 16) STA. 685+03.41 TO 688+00.00 = 368.51 FT

D TAPERS FROM 4' AT STA. 707+53.00
TO 8' AT STA. 712+08.61



RAMP H ACCELERATION LANE

SECTION APPLIES:
(S.R. 16) STA. 707+53.00 TO 712+08.61 = 455.61 FT

LEGEND

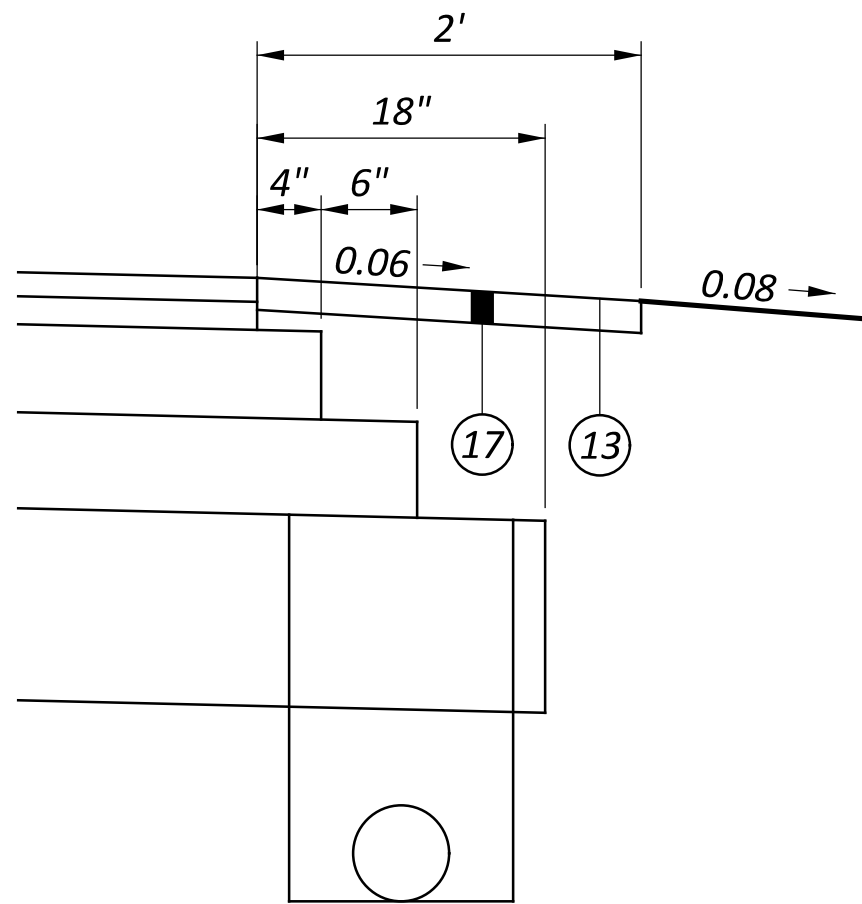
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** .024 MIN., 0.04 MAX.

- ① ITEM 442 ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (447), PWL 2025, AS PER PLAN - 1.50"
- ② ITEM 442 ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5 MM, TYPE A (446), PWL 2025, AS PER PLAN - 1.75"
- ③ ITEM 302 ASPHALT CONCRETE BASE, AS PER PLAN - 5.50"
- ④ ITEM 304 AGGREGATE BASE - 6"
- ⑤ ITEM 206 CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP

- ⑥ ITEM 202 PAVEMENT REMOVED
- ⑦ ITEM 204 EMBANKMENT
- ⑧ ITEM 204 PROOF ROLLING - (AFTER STABILIZATION)
- ⑨ ITEM 254 PAVEMENT PLANING, ASPHALT CONCRETE (1.50" DEPTH)
- ⑩ ITEM 254 PAVEMENT PLANING, ASPHALT CONCRETE, AS PER PLAN (VARIABLE DEPTH - 3.55" MAX.)
- ⑪ ITEM 255 FULL DEPTH PAVEMENT SAWING
- ⑫ ITEM 407 NON-TRACKING TACK COAT

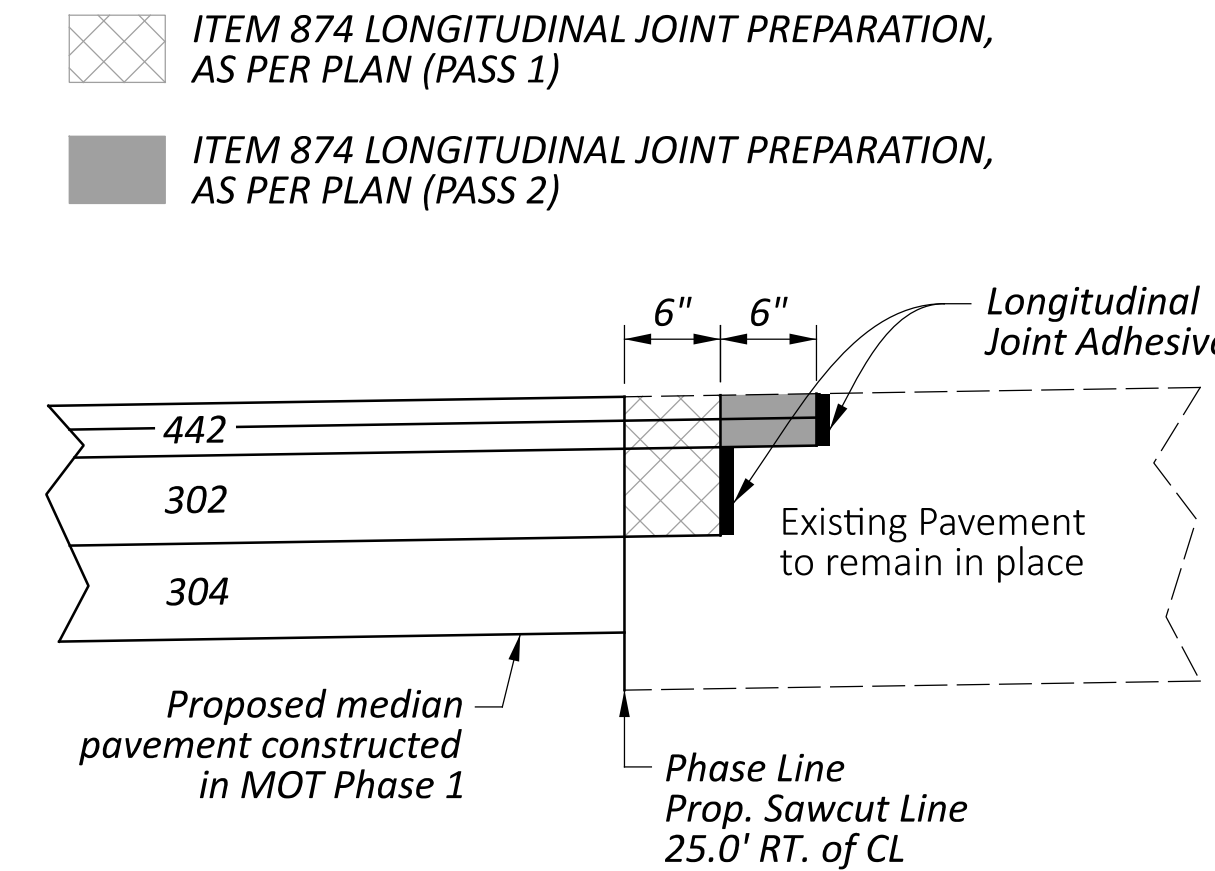
- ⑬ ITEM 408 PRIME COAT, AS PER PLAN
- ⑭ ITEM 605 6" SHALLOW PIPE UNDERDRAINS - 30" DEPTH
- ⑮ ITEM 605 6" BASE PIPE UNDERDRAINS - 18" DEPTH
- ⑯ ITEM 606 GUARDRAIL, TYPE MGS WITH LONG POSTS
- ⑰ ITEM 617 COMPACTED AGGREGATE, AS PER PLAN - 2"
- ⑱ ITEM 622 CONCRETE BARRIER, SINGLE SLOPE, TYPE C, AS PER PLAN
- ⑲ ITEM 622 CONCRETE BARRIER, SINGLE SLOPE, TYPE D



PAVEMENT STEPS & SHOULDER DETAILS (TYP.)

ITEM 874 LONGITUDINAL JOINT PREPARATION, AS PER PLAN (PASS 1)
ITEM 874 LONGITUDINAL JOINT PREPARATION, AS PER PLAN (PASS 2)

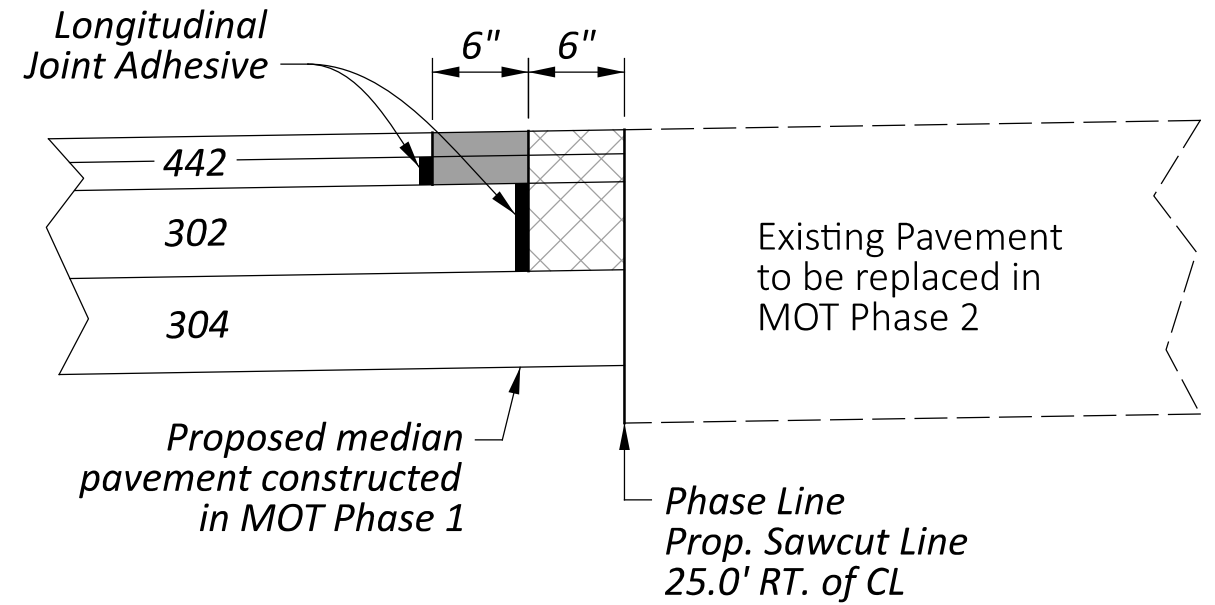
This work shall consist of creating lapped pavement layers at the phase construction joint as per the "LONGITUDINAL JOINT PREPARATION Method 1" detail on SCD BP-3.1, except as modified below:



PHASE 1 LAPPING DETAILS (E.B. / W.B. RESURFACING SECTIONS)
DETAIL APPLIES:
STA. 639+65.00 - 653+75.00 = 1410.00 FT.
STA. 803+36.00 - 831+70.00 = 2834.00 FT.

Phase 1 Sequence:
1. Sawcut and remove existing inside shoulder pavement.
2. Construct median subgrade to 304 layer.
3. Trim 6" into existing pavement (874 Pass 1 - max. depth of 8.75").
4. Construct 302 layer.
5. Trim 6" into existing pavement. (874 Pass 2 - max depth of 3.25").
6. Place 442 layers.

(Note: Detail shown at E.B. sawcut line, but also applies to W.B. sawcut.)



PHASE 2/3 LAPPING DETAILS (E.B. / W.B. REPLACEMENT SECTION)
DETAIL APPLIES:
E.B.: STA. 653+75.00 - 747+61.78 = 9386.78 FT.
STA. 750+51.79 - 803+36.00 = 5284.21 FT.
TOTAL = 14,670.99
W.B.: STA. 653+75.00 - 747+96.78 = 9421.78 FT.
STA. 750+81.79 - 803+36.00 = 5254.21 FT.
TOTAL = 14,675.99 FT.

Phase 2 Sequence:
1. Remove existing E.B. pavement.
2. Construct E.B. subgrade to 304 layer.
3. Trim 6" into Phase 1 pavement (874 Pass 1 - 8.75" depth).
4. Construct E.B. 302 layer.
5. Trim 6" into Phase 1 pavement. (874 Pass 2 - 3.25" depth).
6. Place 442 layers.

(Note: Detail shown at E.B. sawcut line in MOT Phase 2, but also applies to W.B. sawcut in MOT Phase 3.)

ITEM 206 CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP

The following quantities have been provided to be used as per Item 206 at the direction of the Project Engineer. The entire project shall utilize cement stabilization unless detailed otherwise.

ITEM 204 PROOF ROLLING	77 HR	
ITEM 206 CEMENT	5915 TON	
ITEM 206 CURING COAT	228,550 SY	
ITEM 206 MIXTURE DESIGN FOR CHEMICALLY STABILIZED SOILS	LS	

Calculation:
Proof Rolling@ 1 HR per 3000 SY of stabilized subgrade
Plan Split 01/NHS: 104,914 SY ÷ 3000 = 35 HR
Plan Split 02/NHS: 123,636 SY ÷ 3000 = 42 HR
Total = 35 + 42 = 77 HR

Cement (from Table 600-3, Geotechnical Design Manual)
0.75 X 12 inches X 115 X 0.05 = 51.75 lbs per SY
Plan Split 01/NHS: (51.75 lb/SY X 104,914 SY) ÷ 2000 lb/ton = 2715 ton
Plan Split 02/NHS: (51.75 lb/SY X 123,636 SY) ÷ 2000 lb/ton = 3200 ton
Total = 2715 + 3200 = 5915 ton

Curing Coat
Plan Split 01/NHS: 104,914 SY (from sheet P.447)
Plan Split 02/NHS: 123,636 SY (from sheet P.447)
Total = 104,914 + 123,636 = 228,550 SY

Ditch Undercut Quantities

The following estimated quantities are provided to accomplish ditch undercuts in the existing median area as shown on the cross sections and as discussed in Section 501 of the Geotechnical Design Manual. This undercut is assumed as 2.0' deep and 16.0' wide for estimating purposes. Actual ditch undercut shall be as directed by the Engineer.

Calculation:
Sta. 639+65 to Sta. 647+75 = 810 ft
Sta. 648+25 to Sta. 669+40 = 2115 ft
Sta. 673+75 to Sta. 694+50 = 2075 ft
Sta. 697+65 to Sta. 705+75 = 810 ft
Sta. 706+75 to Sta. 726+25 = 1950 ft
Sta. 726+75 to Sta. 746+25 = 1950 ft
Sta. 752+15 to Sta. 763+75 = 1160 ft
Sta. 764+50 to Sta. 800+00 = 3550 ft
Sta. 800+50 to Sta. 810+00 = 950 ft
Sta. 811+00 to Sta. 812+65 = 165 ft
Sta. 813+05 to Sta. 820+60 = 755 ft
Sta. 821+10 to Sta. 831+00 = 990 ft
Total: 17,280 ft
(Deduction: 26 existing median inlets X 25' = 650 ft)
Total: 16,630 ft

(16,630 ft X 16 ft wide X 2 ft thick) ÷ 27 = 19,710 CY

The following quantities have been carried to the General Summary to accomplish the work described above:

ITEM 203 EXCAVATION	19,710 CY	(Plan Split 01/NHS)
ITEM 203 EMBANKMENT	19,710 CY	(Plan Split 01/NHS)

Undercut Contingency Quantities

In the event any area fails the proof rolling after chemical stabilization, the following quantities have been included in the general summary and may be used for stabilizing the failed areas as directed by the Project Engineer:

ITEM 204 EXCAVATION OF SUBGRADE	3500 CY
ITEM 204 GRANULAR MATERIAL, TYPE B	3500 CY
ITEM 204 GEOTEXTILE FABRIC	5000 SY
ITEM 204 GEOGRID	5000 SY

The above quantities may also be used for stabilizing failed areas in the temporary pavement locations required for the maintenance of traffic.

Seeding and Mulching

The following quantities are provided to promote growth and care of permanent seeded areas:

ITEM 659 SOIL ANALYSIS TEST	2 EACH
-----------------------------	--------

ITEM 659 SEEDING AND MULCHING, CLASS 2 51,873 SY
50,993 SY (from P.638) + 410 (from P.64) + 240 (from P.66)
+ 230 (from P.70) = 51,873 SY

ITEM 659 REPAIR SEEDING AND MUCHING 2594 SY
5% X 51,873 SY = 2594 SY

ITEM 659 INTER-SEEDING 2594 SY
5% X 51,873 SY = 2594 SY

ITEM 659 COMMERCIAL FERTILIZER 7 TON
51,873 SY ÷ 7410 = 7 ton

ITEM 659 LIME 10.7 ACRE
51,873 SY ÷ 4840 = 10.7 acre

ITEM 659 WATER 295 MGAL
((51,873 + 2594) X 0.0027) X 2 applications = 295 MGAL

ITEM 659 MOWING 117 MSF
(51,873 SY X 9 SF/SY X 25%) ÷ 1000 = 117 MSF

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.

Vegetated Filter Strip

This plan utilizes vegetated filter strips for post construction storm water treatment. Place either ITEM 660 SODDING or ITEM 659 SEEDING AND MULCHING with a 4-inch lift of topsoil and ITEM 670 SLOPE EROSION PROTECTION to all disturbed areas designated as vegetated filter strips, the edge of shoulder, and the foreslope as specified in the plans. See sheet P.448 for more details.

The following estimated quantities are provided in the general summary for use as directed by the Engineer to improve the proposed BMP locations in the plans:

ITEM 659 TOPSOIL	(600 CY)
ITEM 670 SLOPE EROSION PROTECTION	(5400 SY)

(Quantities based on 20% of plan vegetated filter strip areas.)

Post Construction Storm Water Treatment

This plan utilizes structural best management practices (BMP's) for post construction storm water treatment.

Endangered Bat Habitat Removal

This project is located within the known habitat ranges of the federally listed and protected Indiana bat, and Northern Long-Eared Bar. No trees shall be removed under this project 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 (ESA). For the purposes of this note, a tree is defined as: alive, dying, or dead woody plant, with a trunk 3 inches or greater in diameter at a height of 4.5 feet above the ground surface, and with a minimum height of 13 feet.

Permits - Waterway Permits

Do not place any temporary or permanent fill within the jurisdictional boundaries of all streams, wetlands, and jurisdictional ditches during construction of this project, including scaffolding or bacing. Do not place any equipment within the jurisdictional boundary of any waterway. If debris enters the waterway during construction, remove the debris immediately using equipment staged outside the jurisdictional boundary.

ITEM 622 CONCRETE BARRIER, SINGLE SLOPE, TYPE C1, AS PER PLAN
ITEM 622 CONCRETE BARRIER END SECTION, TYPE C1, AS PER PLAN
ITEM 622 CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE C1, AS PER PLAN
ITEM 611 INLET, NO. 3 FOR SINGLE SLOPE BARRIER, TYPE C1, AS PER PLAN

In addition to the requirements of C&MS 622:

- When placing barrier wall concrete assure the ambient air temperature is 85 °F (30 °C) or less and not predicted to go above 85 °F (30 °C) during the concrete placement; and evaporation rates, determined according to Figure 1 in ACI 308-81 (see CMS 511.07), do not exceed 0.1 lbs/ft^2 /hour (0.5 kg/m^2 /hour).
- Apply two layers of Method B Membrane Cure according to 511.13.B. The resulting application should look like a sheet of white paper.
- Remove and replace any unreinforced barrier section where more than two cracks that are greater in length than half the height of the barrier wall are present within one twenty-foot section. Remove and replace any reinforced end anchorage or end section with more than one crack present within the end anchorage or end section. Removal shall consist of saw cutting the existing barrier at the contraction joints, removal of the concrete, and dowel the replacement section into the abutting sections per the construction joint detail from the corresponding standard construction drawing. For any section with a singular through crack with displacement or a horizontal protrusion/ reveal greater than 1 inch of displacement, saw cut the crack to a depth of 1 inch and clean it out before sealing with a polyurethane or polymeric material conforming to ASTM C920, Type S. Do not repair cracks via epoxy injection in unreinforced barrier sections. Reinforced sections with one crack that does not have greater than 1 inch of displacement shall be repaired and sealed by epoxy injection per 512.07.



Maintenance of Traffic Sequence of Operations

Alternate Methods

If the contractor so elects, alternate methods for the maintenance of traffic may be submitted, provided the intent of the below provisions are followed and no additional inconvenience to the traveling public results therefrom. No alternate plan shall be placed into effect until approval has been granted, in writing, by the District Deputy Director.

Pre-Phase 1 (Miscellaneous Repairs)

Temporary pavement shall be constructed near the River Road and S.R. 16 E.B. intersection as detailed on sheet P.53.

Pavement repairs shall be performed as per the Pre-Phase 1 Pavement Repair Table on sheet P.29 and as shown on the Pre-Phase 1 plan sheets after approval of these joint locations has been given by the Engineer. Partial depth pavement repairs shall be performed as per the note on sheet P.29 and as directed by the Engineer.

S.R. 37/S.R. 16 shall be resurfaced per the Pre-Phase 1 typical section and Pre-Phase 1 plan sheets. This resurfacing will remove the existing rumble strips on the outside shoulders and provide a new surface for maintained traffic in subsequent MOT phases. In addition to this mainline resurfacing, the ramps at the S.R. 37 & Columbus Rd. interchange shall be resurfaced before Phase 1 MOT may begin.

All proposed bridge work at the LIC-16-1718 (Thornwood Crossing) structure shall be complete before Phase 1 MOT may begin. All proposed bridge work at the LIC-16-1416 (Columbus Road) structure shall be complete before Phase 1 MOT may begin and before temporary signals are installed at the S.R. 16/S.R. 37 interchange.

Work zone cameras as specified on sheets P.29, P.72, and P.88 shall be installed and functional before Phase 1 MOT may begin.

Pre-Phase 1 (continued)

The following proposed signs shall be erected before the end of the 2026 construction season. See signing plan for proposed sign details.

PS-3, PS-5, PS-8, PS-13, PS-14, PS-19, PS-21, PS-22, PS-26, PS-27, PS-28, PS-29, PS-33, PS-34

See MOT Phase 1 plan sheets for details.

Phase 1 (Median Construction)

Traffic shall be moved to the outside of the existing roadway in both the Eastbound and Westbound directions.

The contractor shall construct the median area per the proposed roadway typical sections except that the proposed surface course shall be replaced with 1.50" of ITEM 442 ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5 MM, TYPE A (448). This temporary surface course will be removed during Phase 4 final resurfacing.

Temporary pavement at the proposed crossover locations as shown on sheets P.54 - P.58 shall be constructed for use in subsequent MOT phases.

All ramps shall remain open during Phase 1.

Phase 2 (Eastbound Construction)

Temporary signals at the Columbus Rd. interchange as shown on sheets P.41 - P.42 shall be constructed and operational before any ramps are closed in Phase 2 MOT.

Westbound traffic shall remain in its phase 1 configuration. Eastbound traffic shall be split in contra-flow with the Eastbound passing lane crossing over to the inside shoulder of the Westbound lanes, and the Eastbound driving lane shifting over to the inside shoulder of the Eastbound lanes.

The contractor shall construct the Eastbound area per the proposed roadway typical sections except that the proposed surface course shall be replaced with 1.50" of ITEM 442 ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5 MM, TYPE A (448). This temporary surface course will be removed during Phase 4 final resurfacing.

River Rd. shall be closed to the traveling public during Phase 2, however, EMS access shall be provided **AT ALL TIMES** as shown in the Phase 2 plan sheets. (Access only needed entering River Rd., not exiting from it.)

Permitted Ramp Closures:

Phase 2A - Ramp C, Ramp D, and River Rd. shall be closed

Phase 2B - Ramps G, Ramp H, and River Rd. shall be closed

Phase 2C - River Rd. shall be closed

Phase 3 (Westbound Construction)

Temporary signals at the Columbus Rd. interchange as shown on sheets P.41 - P.42 shall remain in operation from Phase 2.

Eastbound traffic shall be in its final post-construction configuration. Westbound traffic shall be split in contra-flow with the Westbound passing lane crossing over to the inside shoulder of the Eastbound lanes, and the Westbound driving lane shifting over to the inside shoulder of the Westbound lanes.

The contractor shall construct the Westbound area per the proposed roadway typical sections except that the proposed surface course shall be replaced with 1.50" of ITEM 442 ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5 MM, TYPE A (448). This temporary surface course will be removed during Phase 4 final resurfacing.

Permitted Ramp Closures:

Phase 3A - Ramp A and Ramp B shall be closed

Phase 3B - Ramp E & F shall be closed

Phase 3C - All ramps open

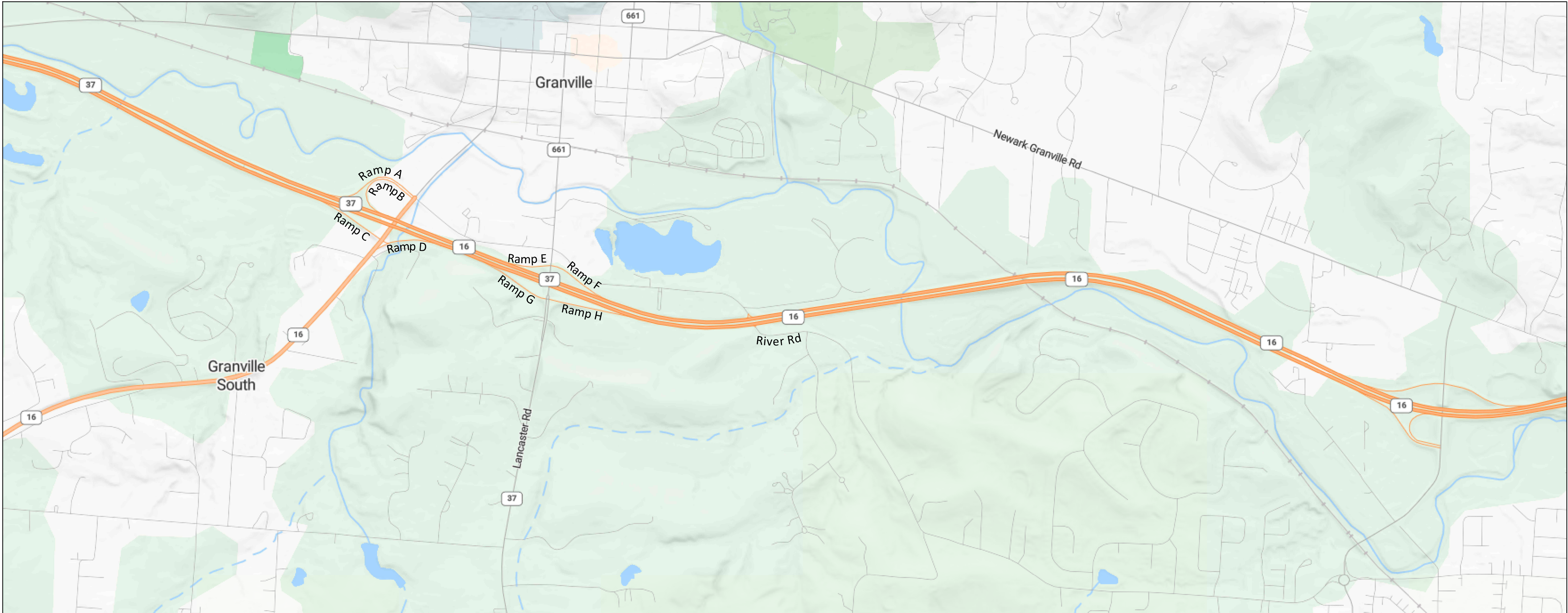
Phase 4 (Final Resurfacing)

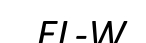
Traffic shall be maintained at all times per SCD MT-95.30.

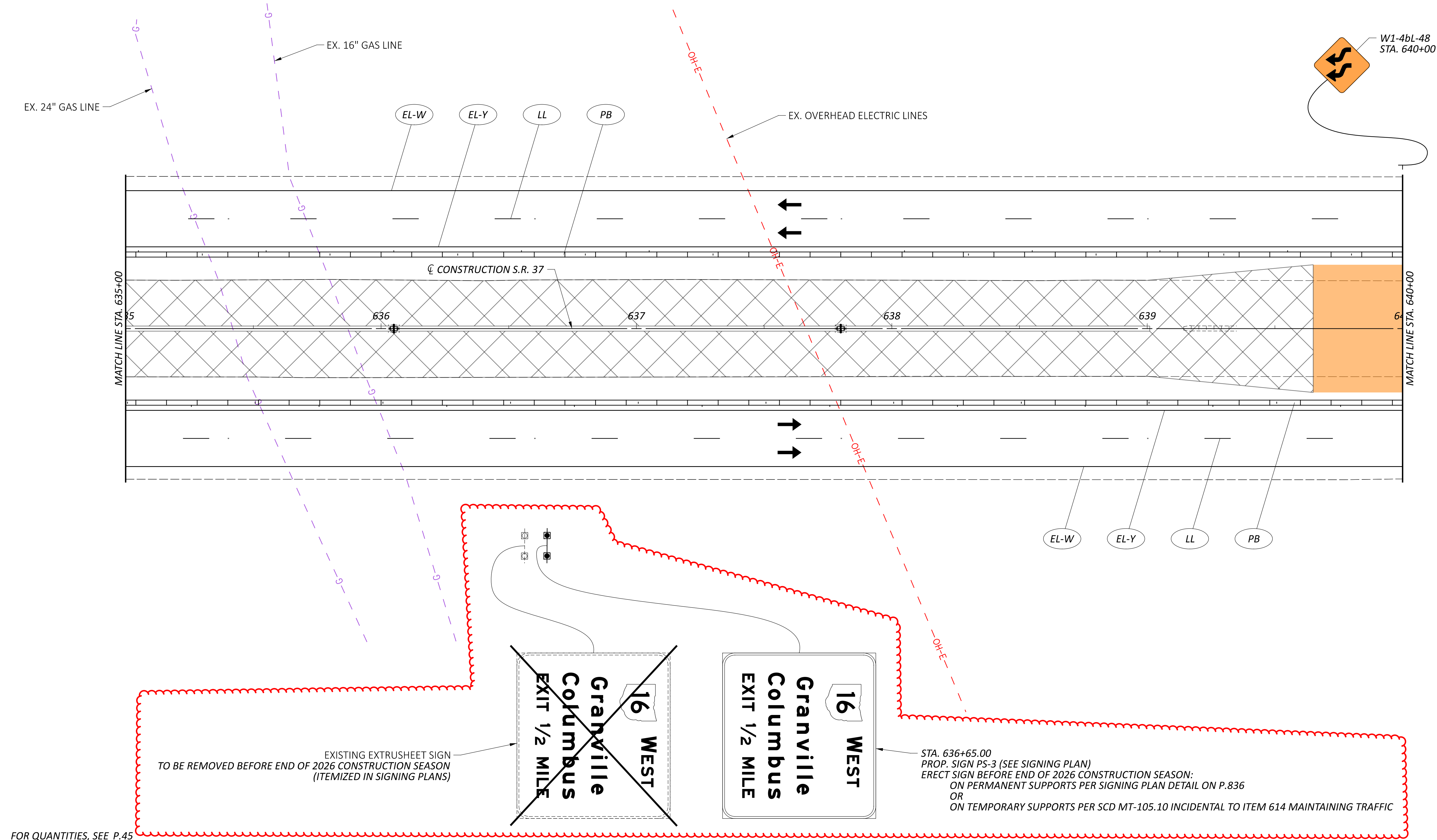
Construct final resurfacing as per the Phase 4 MOT typical section on sheet P.40.

Install final pavement markings and signs.

All ramps shall be open during Phase 4.



- LEGEND**
-  DIRECTION OF TRAFFIC
 -  TEMPORARY PAVEMENT CONSTRUCTION
 -  PHASE 1 CONSTRUCTION AREA
 -  PORTABLE BARRIER, UNANCHORED
 -  WORK ZONE EDGE LINE, WHITE
 -  WORK ZONE EDGE LINE, YELLOW
 -  WORK ZONE LANE LINE



FOR QUANTITIES, SEE P.45

- ←

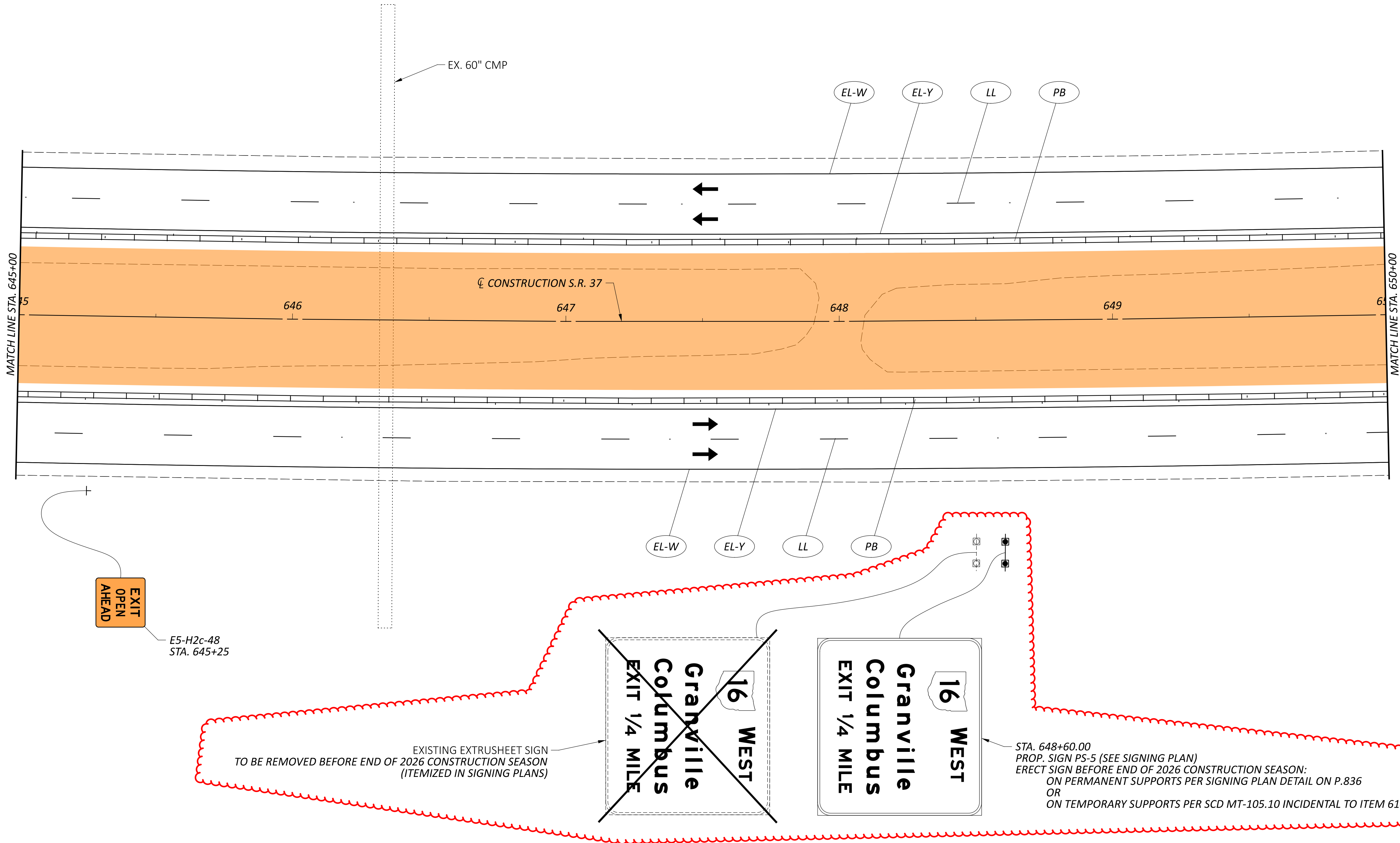
DIRECTION OF TRAFFIC
- PHASE 1 CONSTRUCTION AREA
- PB

PORTABLE BARRIER, UNANCHORED
- EL-W

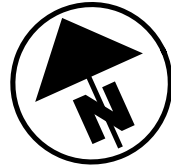
WORK ZONE EDGE LINE, WHITE
- EL-Y

WORK ZONE EDGE LINE, YELLOW
- LL

WORK ZONE LANE LINE



FOR QUANTITIES, SEE P.45



MOT PHASE 1 - S.R. 37
STA. 645+00 - 650+00

DESIGN AGENCY



DESIGNER

BRH

REVIEWER

CMY 09/05/25

PROJECT ID

95445

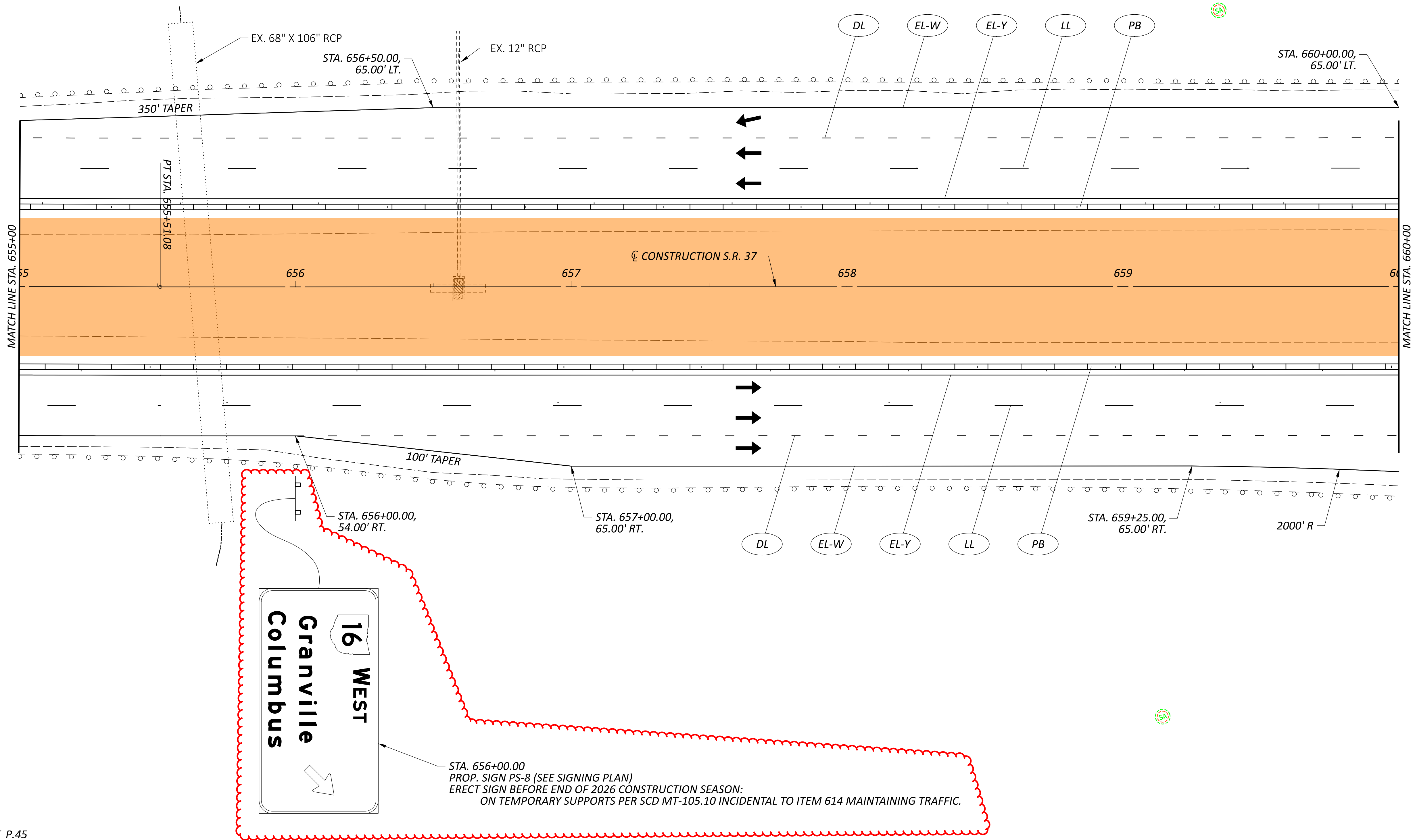
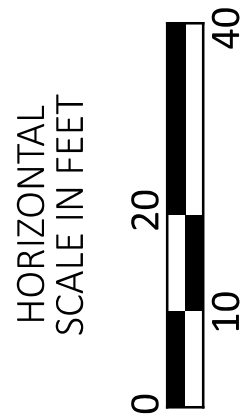
SHEET

P.96

TOTAL

895

- LEGEND**
- ← DIRECTION OF TRAFFIC
- PHASE 1 CONSTRUCTION AREA
- PB PORTABLE BARRIER, UNANCHORED
- EL-W WORK ZONE EDGE LINE, WHITE
- EL-Y WORK ZONE EDGE LINE, YELLOW
- LL WORK ZONE LANE LINE
- DL WORK ZONE DOTTED LINE



FOR QUANTITIES, SEE P.145

MOT PHASE 1 - S.R. 37
STA. 655+00 - 660+00

DESIGN AGENCY



DESIGNER

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PROJECT ID

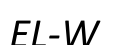
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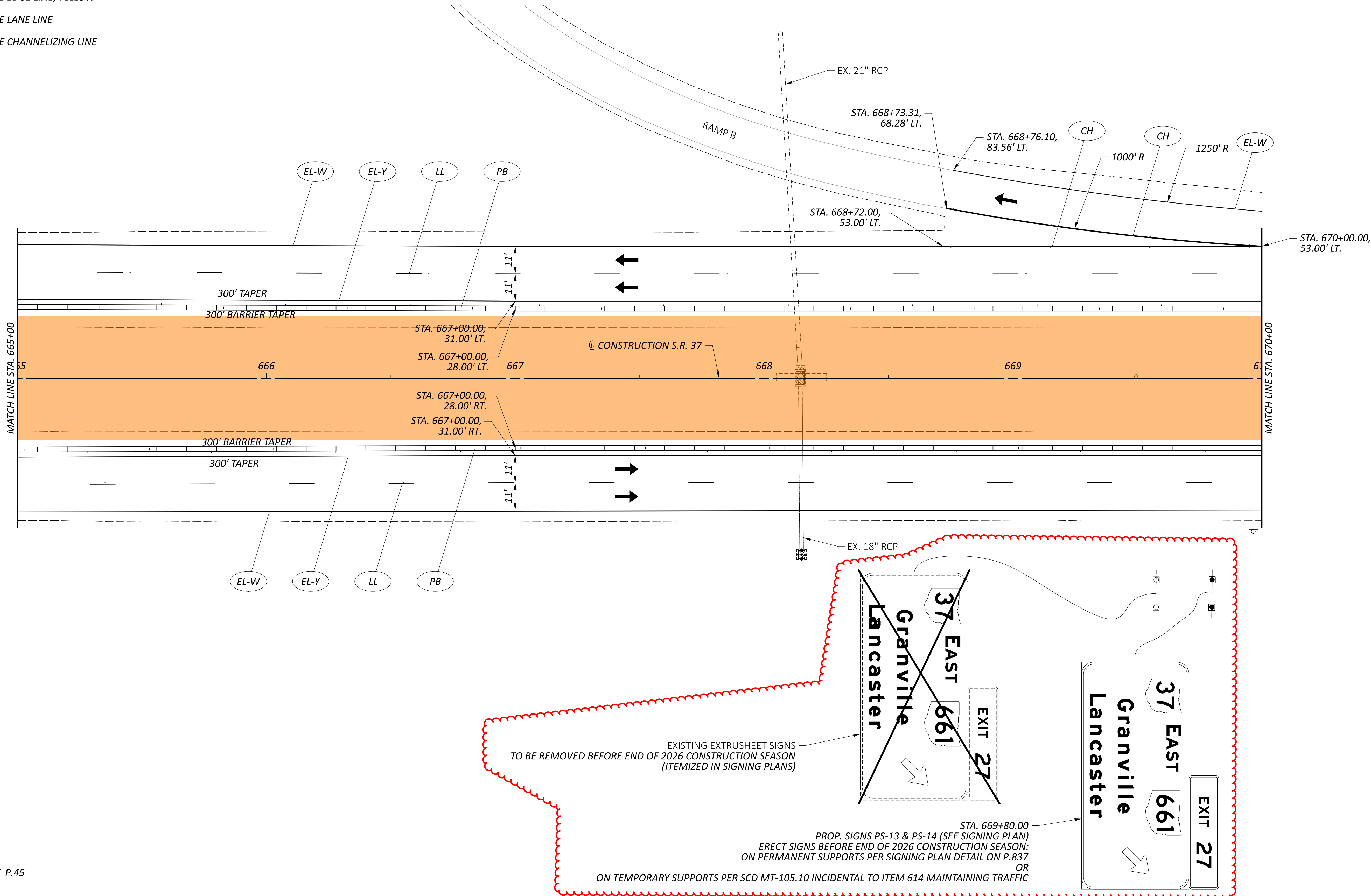
P.98

TOTAL

895

- LEGEND**
-  DIRECTION OF TRAFFIC
 -  PHASE 1 CONSTRUCTION AREA
 -  PORTABLE BARRIER, UNANCHORED
 -  WORK ZONE EDGE LINE, WHITE
 -  WORK ZONE EDGE LINE, YELLOW
 -  WORK ZONE LANE LINE
 -  WORK ZONE CHANNELIZING LINE

FOR QUANTITIES, SEE P.45



MOT PHASE 1 - S.R. 37
STA. 665+00 - 670+00

DESIGN AGENCY



DESIGNER

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REVIEWER

CMY 09/05/25

PROJECT ID

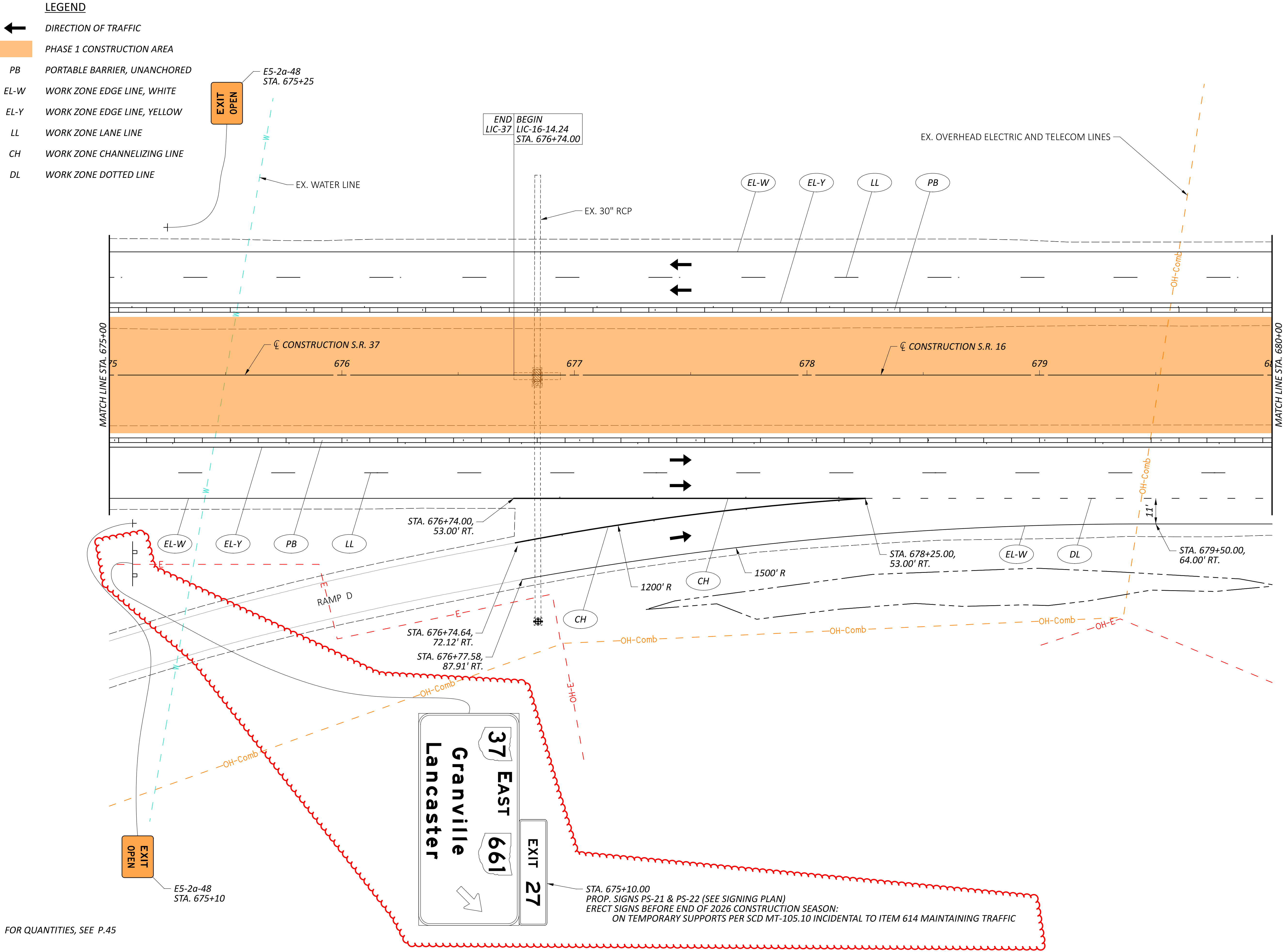
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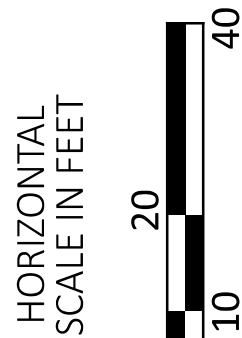
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TOTAL

895



FOR QUANTITIES, SEE P.45



MOT PHASE 1 - S.R. 37/S.R. 16
STA. 675+00 - 680+00

DESIGN AGENCY



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CMY 09/05/25

PROJECT ID

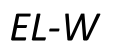
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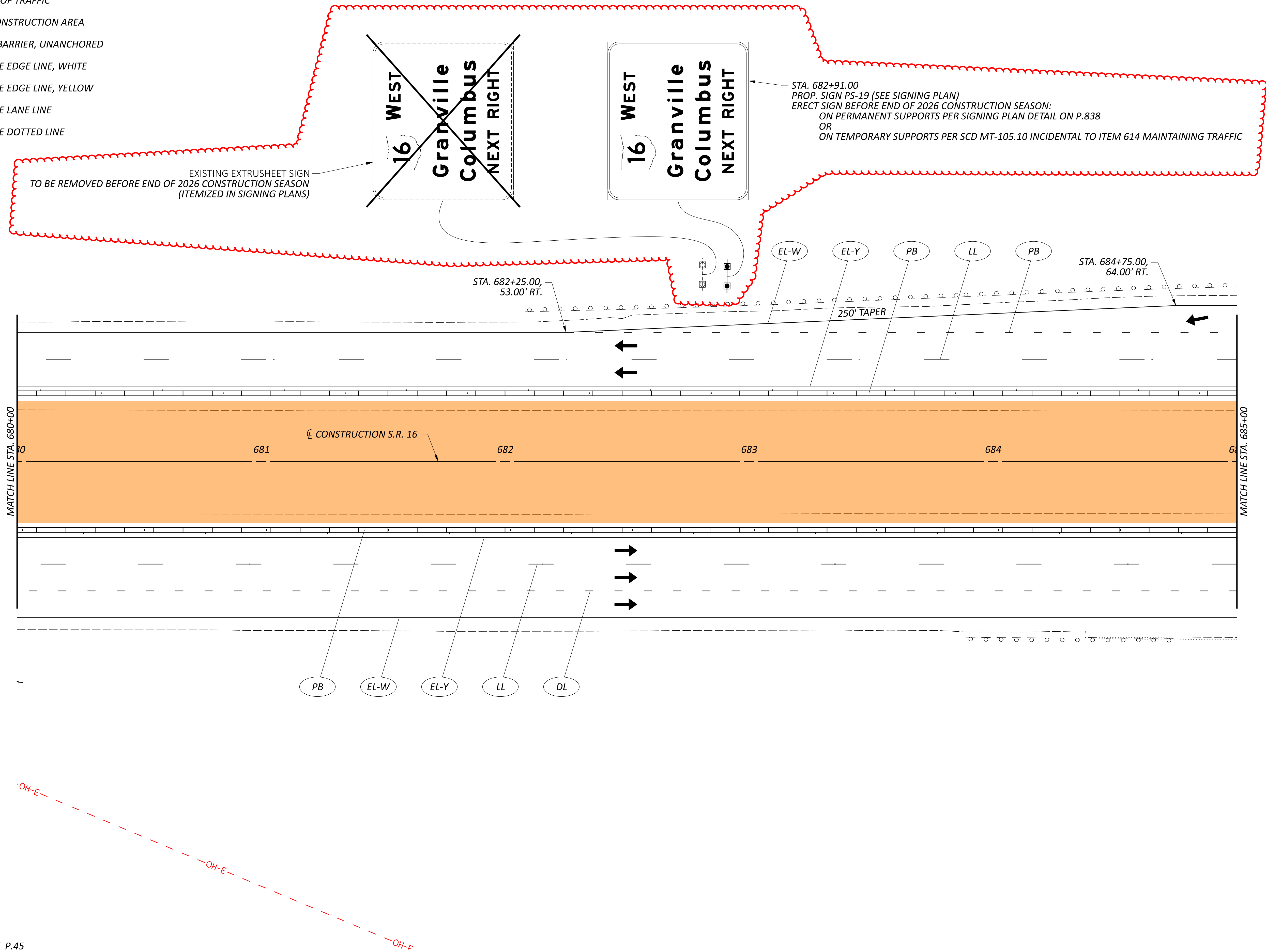
SHEET

P.102

TOTAL

895

- LEGEND**
-  DIRECTION OF TRAFFIC
 -  PHASE 1 CONSTRUCTION AREA
 -  PORTABLE BARRIER, UNANCHORED
 -  WORK ZONE EDGE LINE, WHITE
 -  WORK ZONE EDGE LINE, YELLOW
 -  WORK ZONE LANE LINE
 -  WORK ZONE DOTTED LINE



FOR QUANTITIES, SEE P.45

MOT PHASE 1 - S.R. 16
STA. 680+00 - 685+00

DESIGN AGENCY



DESIGNER

BRH

REVIEWER

CMY 09/05/25

PROJECT ID

95445

SHEET

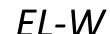
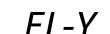
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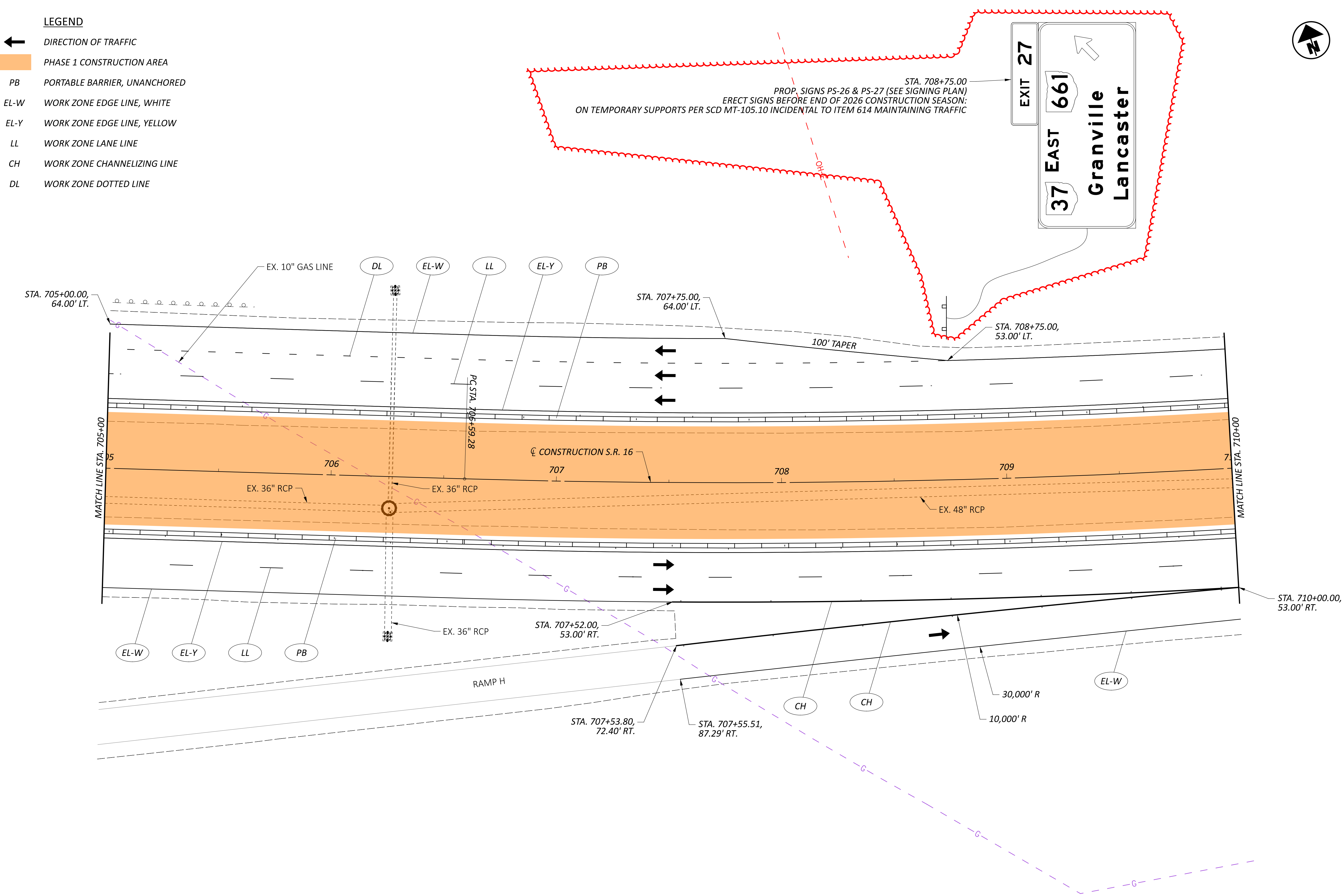
TOTAL

895

HORIZONTAL
SCALE IN FEET

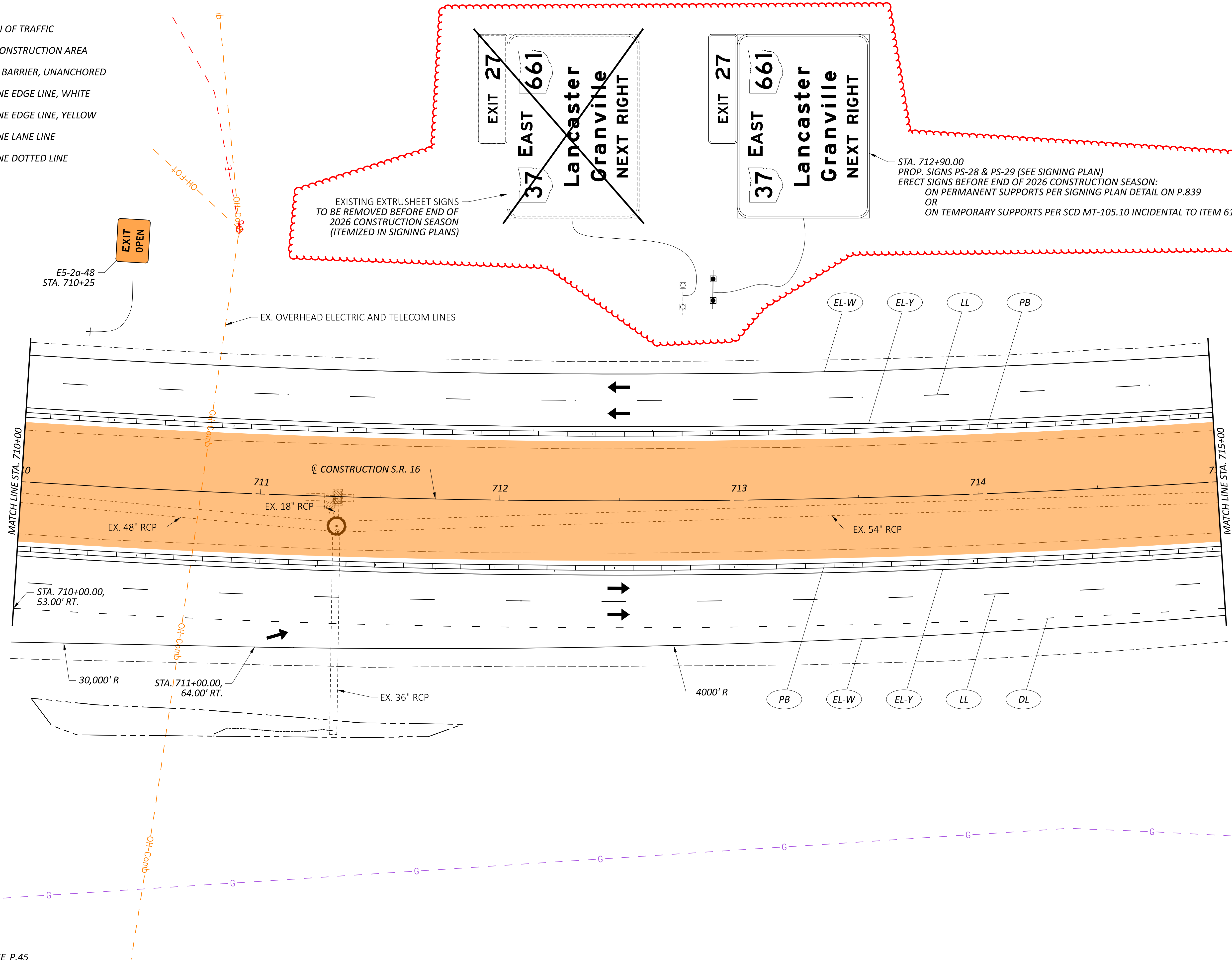
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- LEGEND**
-  DIRECTION OF TRAFFIC
 -  PHASE 1 CONSTRUCTION AREA
 -  PORTABLE BARRIER, UNANCHORED
 -  WORK ZONE EDGE LINE, WHITE
 -  WORK ZONE EDGE LINE, YELLOW
 -  WORK ZONE LANE LINE
 -  WORK ZONE CHANNELIZING LINE
 -  WORK ZONE DOTTED LINE



FOR QUANTITIES, SEE P.45

- LEGEND**
- DIRECTION OF TRAFFIC
 - PHASE 1 CONSTRUCTION AREA
 - PB PORTABLE BARRIER, UNANCHORED
 - EL-W WORK ZONE EDGE LINE, WHITE
 - EL-Y WORK ZONE EDGE LINE, YELLOW
 - LL WORK ZONE LANE LINE
 - DL WORK ZONE DOTTED LINE



FOR QUANTITIES, SEE P.45

MOT PHASE 1 - S.R. 16
STA. 710+00 - 715+00

DESIGN AGENCY



DESIGNER

BRH

REVIEWER

CMY 09/05/25

PROJECT ID

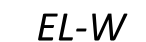
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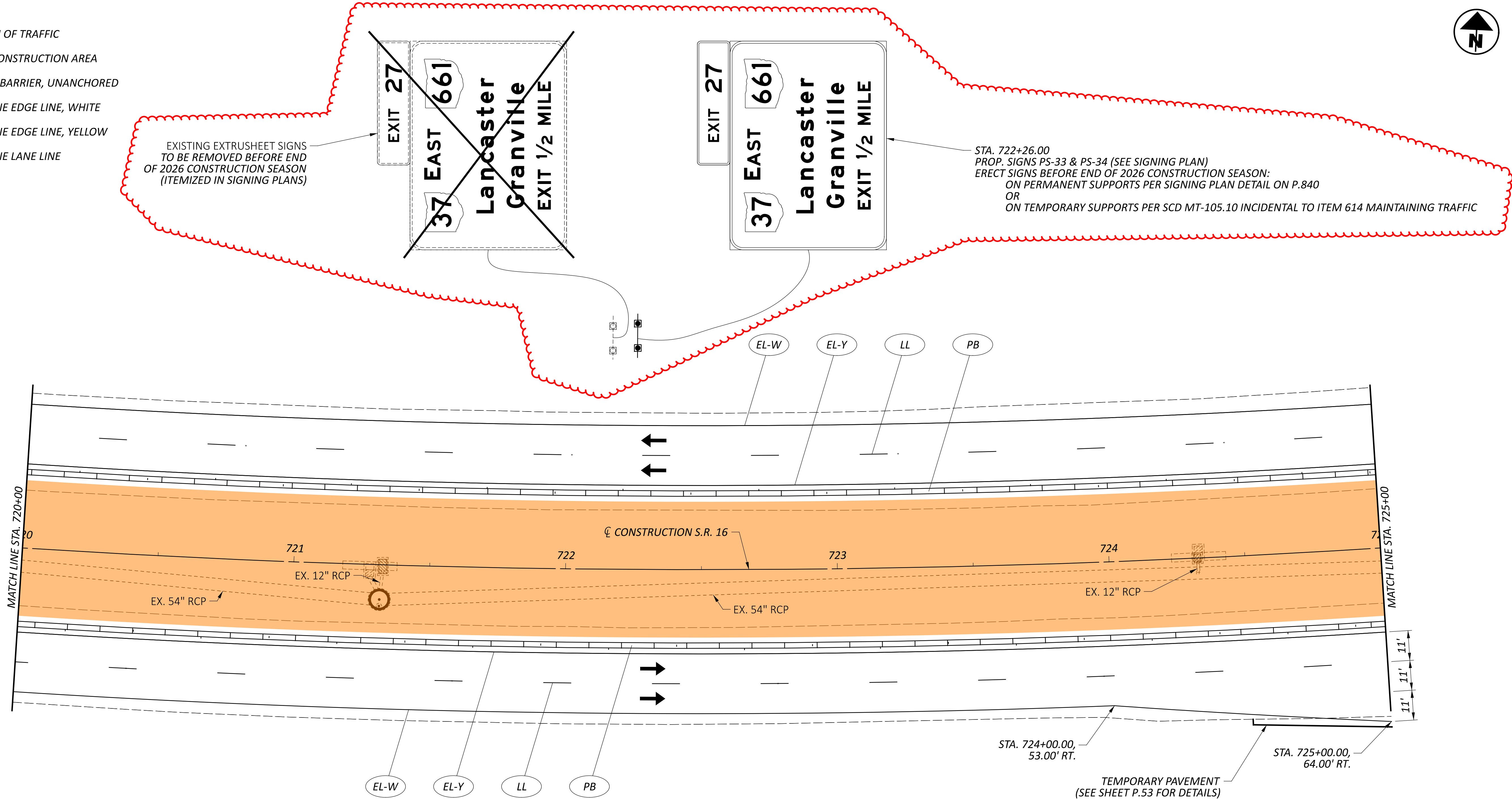
SHEET TOTAL

P.109

895

FOR QUANTITIES, SEE P.45

- LEGEND**
-  DIRECTION OF TRAFFIC
 -  PHASE 1 CONSTRUCTION AREA
 -  PORTABLE BARRIER, UNANCHORED
 -  WORK ZONE EDGE LINE, WHITE
 -  WORK ZONE EDGE LINE, YELLOW
 -  WORK ZONE LANE LINE



MOT PHASE 1 - S.R. 16
STA. 720+00 - 725+00

DESIGN AGENCY



DESIGNER

BRH

REVIEWER

CMY 09/05/25

PROJECT ID

95445

SHEET TOTAL

P.111 895

SHEET NUMBER											PART.			ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
18	20	21	22	23	434	447	638	693	845		01/NHS	02/NHS	03/NHS						
LS												LS		201	11000	LS		ROADWAY	
								7				7		202	20010	7	EACH	CLEARING AND GRUBBING	
						143,725					28,067	115,658		202	23000	143,725	SY	HEADWALL REMOVED	
					413						313	100		202	30700	413	FT	PAVEMENT REMOVED	
					72						36	36		202	32000	72	FT	CONCRETE BARRIER REMOVED	
																		CURB REMOVED	
								330			297	33		202	35100	330	FT	PIPE REMOVED, 24" DIAMETER AND UNDER	
		119,632									61,894	57,738		202	35101	119,632	FT	PIPE REMOVED, 24" DIAMETER AND UNDER, AS PER PLAN	21
								52			52			202	35200	52	FT	PIPE REMOVED, OVER 24" DIAMETER	
					3,012.5						512.5	2,500		202	38000	3,012.5	FT	GUARDRAIL REMOVED	
					12,512.5							12,512.5		202	38001	12,512.5	FT	GUARDRAIL REMOVED, AS PER PLAN	23
					325						325			202	38300	325	FT	GUARDRAIL REMOVED, BARRIER DESIGN	
					11						3	8		202	42010	11	EACH	ANCHOR ASSEMBLY REMOVED, TYPE E	
					12						5	7		202	42040	12	EACH	ANCHOR ASSEMBLY REMOVED, TYPE T	
					4						2	2		202	47000	4	EACH	BRIDGE TERMINAL ASSEMBLY REMOVED	
					7						7			202	47800	7	EACH	IMPACT ATTENUATOR REMOVED	
					3,417						3,417			202	48000	3,417	FT	CABLE BARRIER REMOVED	
								27			27			202	58100	27	EACH	CATCH BASIN REMOVED	
								392			392			SPECIAL	20270000	392	FT	FILL AND PLUG EXISTING CONDUIT (12")	21
		40										40		202	98100	40	EACH	REMOVAL MISC.: UNDERDRAIN OUTLET	21
	19,710						17,672		7		32,047	5,342		203	10000	37,389	CY	EXCAVATION	
	19,710						13,099				26,501	6,308		203	20000	32,809	CY	EMBANKMENT	
5,433					1,856							1,856		203	35111	1,856	CY	GRANULAR MATERIAL, TYPE B, AS PER PLAN	23
454	3,500										2,161	3,272		204	10000	5,433	SY	SUBGRADE COMPACTION	
454	3,500										1,931	2,023		204	13000	3,954	CY	EXCAVATION OF SUBGRADE	
											1,931	2,023		204	30010	3,954	CY	GRANULAR MATERIAL, TYPE B	
	77										35	42		204	45000	77	hour	PROOF ROLLING	
	5,000										2,500	2,500		204	50000	5,000	SY	GEOTEXTILE FABRIC	
					2,784							2,784		204	50001	2,784	SY	GEOTEXTILE FABRIC, AS PER PLAN	23
5,433	5,000										4,661	5,772		204	51000	10,433	SY	GEOGRID	
	5,915										2,715	3,200		206	10500	5,915	TON	CEMENT	
	228,550										104,914	123,636		206	11000	228,550	SY	CURING COAT	
						228,550					104,914	123,636		206	15010	228,550	SY	CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP	
	LS										LS	LS		206	30000	LS		MIXTURE DESIGN FOR CHEMICALLY STABILIZED SOILS	
			10.18									10.18		209	60500	10.18	MILE	LINEAR GRADING	
					15,625							15,625		606	15100	15,625	FT	GUARDRAIL, TYPE MGS WITH LONG POSTS	
				25								25		606	19001	25	EACH	GUARDRAIL POST, STEEL, AS PER PLAN	23
					10							10		606	26150	10	EACH	ANCHOR ASSEMBLY, MGS TYPE E (MASH 2016)	
					9							9		606	26550	9	EACH	ANCHOR ASSEMBLY, MGS TYPE T	
					2							2		606	35002	2	EACH	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1	
					1,430						1,430			SPECIAL	60655010	1,430	FT	CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION	22
					3						3			SPECIAL	60655150	3	EACH	CABLE BARRIER, ANCHOR ASSEMBLY	22
					1						1			606	60012	1	EACH	IMPACT ATTENUATOR, TYPE 1 (BIDIRECTIONAL)	
				250								250		606	98000	250	FT	GUARDRAIL, MISC.: EXISTING W-BEAM FOR SHOULDER SUPPORT BENCHING	23
					12,538							12,538		606	98000	12,538	FT	GUARDRAIL, MISC.: SHOULDER SUPPORT BENCHING	23
					16,486						16,486			622	10141	16,486	FT	CONCRETE BARRIER, SINGLE SLOPE, TYPE C, AS PER PLAN	20
					57							57		622	10160	57	FT	CONCRETE BARRIER, SINGLE SLOPE, TYPE D	
					1						1			622	24861	1	EACH	CONCRETE BARRIER END SECTION, TYPE C, AS PER PLAN	20
					2							2		622	25000	2	EACH	CONCRETE BARRIER END SECTION, TYPE D	
					115						115			622	25015	115	EACH	CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE C, AS PER PLAN	20
					2							2		622	25050	2	EACH	CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE D	
180											180			623	40520	180	EACH	RIGHT-OF-WAY MONUMENT, TYPE B	
56											56			623	40900	56	EACH	MONUMENT, MISC.: CENTERLINE MONUMENT IN CONCRETE BARRIER	18
LS											LS	LS		623	50000	LS		PRECONSTRUCTION SURVEY MONUMENT VERIFICATION AND REPORT	
LS											LS	LS		623	51000	LS		POST CONSTRUCTION SURVEY MONUMENT VERIFICATION AND REPORT	
					705						705			SPECIAL	69098300	705	SY	NO MOW STRIP	22

GENERAL SUMMARY

DESIGN AGENCY



DESIGNER

BRH

REVIEWER

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95445

SHEET

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TOTAL

895

GENERAL SUMMARY	
DESIGN AGENCY	
	
DESIGNER	
BRH	
REVIEWER	
CMY	09/05/25
PROJECT ID	
95445	
SHEET	TOTAL
P.423	895

REFERENCE	SHEET NUMBER	STATION TO STATION	202	202	202	202	202	202	202	202	202	203	204	606	606	606	606	606	606	606	606	609	622	622	622	622	622	622	690	
			CONCRETE BARRIER REMOVED	CURB REMOVED	GUARDRAIL REMOVED	GUARDRAIL REMOVED, AS PER PLAN	GUARDRAIL REMOVED, BARRIER DEISGN	ANCHOR ASSEMBLY REMOVED, TYPE E	ANCHOR ASSEMBLY REMOVED, TYPE T	BRIDGE TERMINAL ASSMBLY REMOVED	IMPACT ATTENUATOR REMOVED	CABLE BARRIER REMOVED	GRANULAR MATERIAL, TYPE B, AS PER PLAN (CALCULATED AS 0.148 CY/FT)	GEOTEXTILE FABRIC, AS PER PLAN (CALCULATED AS 0.222 SY/FT)	GUARDRAIL, TYPE MGS WITH LONG POSTS	ANCHOR ASSEMBLY, MGS TYPE E	ANCHOR ASSEMBLY, MGS TYPE T	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1	SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION	SPECIAL - CABLE BARRIER, ANCHOR ASSEMBLY	IMPACT ATTENUATOR, TYPE 1 (BIDIRECTIONAL)	GUARDRAIL, MISC.: SHOULDER SUPPORT BENCHING	CURB, TYPE 4-C	CONCRETE BARRIER, SINGLE SLOPE, TYPE C1, AS PER PLAN	CONCRETE BARRIER, SLINGLE SLOPE, TYPE D	CONCRETE BARRIER END SECTION, TYPE C1, AS PER PLAN	CONCRETE BARRIER END SECTION, TYPE D	CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE C1, AS PER PLAN	CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE D	SPECIAL - NO MOW STRIP
		MEDIAN - PLAN SPLIT 01/NHS	FT	FT	FT	FT	FT	EACH	EACH	EACH	EACH	FT	CY	SY	FT	EACH	EACH	EACH	FT	EACH	EACH	FT	FT	FT	FT	EACH	EACH	EACH	EACH	SY
R-1	P.458-463	624 +50.00 647 +67.00										2317																		
CB-1	P.458	624 +50.00																1											23	
CB-2	P.458	624 +50.00																1											23	
CB-3	P.458-461	624 +50.00 638 +80.00															1430												636	
CB-4	P.461	638 +80.00																1											23	
IA-1	P.461	639 +35.00																		1										
B-1	P.461	639 +35.00 639 +65.00																								1				
B-2	P.461-462	639 +65.00 640 +75.00																					110							
B-3	P.462	640 +75.00 640 +90.00																									1			
B-4	P.462	641 +10.00 641 +25.00																									1			
B-5	P.462-463	641 +25.00 646 +60.00																						535						
B-6	P.463	646 +60.00 646 +75.00																									1			
B-7	P.463	646 +75.00 646 +90.00																									1			
B-8	P.463-464	646 +90.00 653 +15.00																												
R-2	P.463-465	648 +22.00 659 +22.00										1100												625						
B-9	P.464	653 +15.00 653 +30.00																										1		
B-10	P.464	653 +50.00 653 +65.00																										1		
B-11	P.464-465	653 +65.00 656 +34.00																						269						
B-12	P.465	656 +34.00 656 +49.00																										1		
B-13	P.465	656 +69.00 656 +84.00																										1		
B-14	P.465	656 +84.00 659 +38.00																										1		
B-15	P.465	659 +38.00 659 +53.00																												
R-3	P.465	659 +48.00						1																						
R-4	P.465-466	659 +48.00 660 +48.00			100																									
B-16	P.465	659 +53.00 659 +68.00																										1		
B-17	P.465-466	659 +68.00 660 +28.00																							60					
B-18	P.466	660 +28.00 660 +43.00																										1		
B-19	P.466	660 +43.00 660 +58.00																										1		
R-5	P.466	660 +48.00							1																					
B-20	P.466	660 +58.00 663 +85.00																							327					
B-21	P.466	663 +85.00 664 +00.00																										1		
B-22	P.466	664 +20.00 664 +35.00																										1		
B-23	P.466-467	664 +35.00 666 +75.00																							240					
B-24	P.467	666 +75.00 666 +90.00																										1		
B-25	P.467	667 +10.00 667 +25.00																										1		
B-26	P.467	667 +25.00 667 +90.00																												
B-27	P.467	667 +90.00 668 +05.00																										1		
B-28	P.467	668 +25.00 668 +40.00																										1		
B-29	P.467	668 +40.00 669 +75.00																												
B-30	P.467	669 +75.00 669 +90.00																										1		
R-6	P.467	669 +77.00																												
R-7	P.467-468	669 +77.00 671 +02.00					125																							
B-31	P.468	670 +10.00 670 +25.00																										1		
B-32	P.468	670 +25.00 670 +83.00																												
B-33	P.468	670 +83.00 670 +98.00																										1		
B-34	P.468	670 +98.00 671 +13.00																										1		
R-8	P.468	671 +02.00 671 +77.00			75																									
B-35	P.468	671 +13.00 672 +08.00																												
R-9	P.468	671 +44.00							1																95					
R-10	P.468	671 +44.00 672 +06.50			62.5																									
R-11	P.468	671 +13.00							1																					
R-12	P.468	672 +06.50 673 +31.50					125																							
B-36	P.468	672 +08.00 672 +23.00																										1		
TOTALS CARRIED TO P.434					237.5		250	1	3		1	3417						1430	3	1			2773		1		23		705	

ROADWAY ESTIMATED QUANTITIES
MEDIAN

DESIGN AGENCY



DESIGNER
BRH

REVIEWER
CMY 09/05/25

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95445

SHEET
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TOTAL
895

REFERENCE	SHEET NUMBER	STATION TO STATION		202	202	202	202	202	202	202	202	202	203	204	606	606	606	606	606	606	606	606	609	622	622	622	622	622	622	690	
				CONCRETE BARRIER REMOVED	CURB REMOVED	GUARDRAIL REMOVED	GUARDRAIL REMOVED, AS PER PLAN	GUARDRAIL REMOVED, BARRIER DEISGN	ANCHOR ASSEMBLY REMOVED, TYPE E	ANCHOR ASSEMBLY REMOVED, TYPE T	BRIDGE TERMINAL ASSMBLY REMOVED	IMPACT ATTENUATOR REMOVED	CABLE BARRIER REMOVED	GRANULAR MATERIAL, TYPE B, AS PER PLAN (CALCULATED AS 0.148 CY/FT)	GEOTEXTILE FABRIC, AS PER PLAN (CALCULATED AS 0.222 SY/FT)	GUARDRAIL, TYPE MGS WITH LONG POSTS	ANCHOR ASSEMBLY, MGS TYPE E	ANCHOR ASSEMBLY, MGS TYPE T	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1	SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION	SPECIAL - CABLE BARRIER, ANCHOR ASSEMBLY	IMPACT ATTENUATOR, TYPE 1 (BIDIRECTIONAL)	GUARDRAIL, MISC.: SHOULDER SUPPORT BENCHING	CURB, TYPE 4-C	CONCRETE BARRIER, SINGLE SLOPE, TYPE C1, AS PER PLAN	CONCRETE BARRIER, SLINGLE SLOPE, TYPE D	CONCRETE BARRIER END SECTION, TYPE C1, AS PER PLAN	CONCRETE BARRIER END SECTION, TYPE D	CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE C1, AS PER PLAN	CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE D	SPECIAL - NO MOW STRIP
MEDIAN - PLAN SPLIT 01/NHS (CONTINUED)				FT	FT	FT	FT	FT	EACH	EACH	EACH	EACH	FT	CY	SY	FT	EACH	EACH	EACH	FT	EACH	EACH	FT	FT	FT	FT	EACH	EACH	EACH	EACH	SY
B-37	P.468	672 +23.00	672 +38.00																										1		
B-38	P.468	672 +38.00	673 +62.00																					124							
R-13	P.468	673 +31.50									1																				
B-39	P.468	673 +62.00	673 +77.00																										1		
B-40	P.468	673 +97.00	674 +12.00																										1		
B-41	P.468-469	674 +12.00	676 +59.00																					247							
B-42	P.469	676 +59.00	676 +74.00																										1		
B-43	P.469	676 +94.00	677 +09.00																										1		
B-44	P.469-470	677 +09.00	681 +25.00																					416						1	
B-45	P.470	681 +25.00	681 +40.00																										1		
B-46	P.470	681 +60.00	681 +75.00																										1		
B-47	P.470-471	681 +75.00	685 +38.00																					363						1	
B-48	P.471	685 +38.00	685 +53.00																										1		
B-49	P.471	685 +53.00	685 +68.00																										1		
B-50	P.471	685 +68.00	686 +28.00																					60							
R-13	P.471	685 +92.00						1																							
R-14	P.471	685 +92.00	687 +29.50			137.5																									
B-51	P.471	686 +28.00	686 +43.00																										1		
B-52	P.471	686 +43.00	686 +58.00																										1		
B-53	P.471-472	686 +58.00	690 +10.00																					352							
R-15	P.472	687 +29.50							1																						
B-54	P.472	690 +10.00	690 +25.00																										1		
B-55	P.472	690 +25.00	690 +40.00																										1		
B-56	P.472	690 +40.00	694 +84.00																					444							
B-57	P.472	694 +84.00	694 +99.00																										1		
R-16	P.472	694 +85.00										1																			
R-17	P.472-473	694 +85.00	697 +10.00	225																											
B-58	P.473	695 +19.00	695 +24.00																										1		
B-59	P.473	695 +24.00	695 +39.00																										1		
B-60	P.473	695 +39.00	696 +56.00																					117							
B-61	P.473	696 +56.00	696 +71.00																										1		
B-62	P.473	696 +71.00	696 +86.00																										1		
B-63	P.473-474	696 +86.00	701 +08.00																					422							
R-18	P.473	697 +10.00										1																			
B-64	P.474	701 +08.00	701 +23.00																										1		
B-65	P.474	701 +43.00	701 +58.00																										1		
B-66	P.474	701 +58.00	704 +75.00																					317							
R-19	P.474	703 +49.00							1																						
R-20	P.474	703 +49.00	704 +86.50			137.5																									
B-67	P.474	704 +75.00	704 +90.00																										1		
R-21	P.474	704 +86.50						1																							
B-68	P.475	705 +10.00	705 +25.00																										1		
B-69	P.475	705 +25.00	706 +72.00																					147							
B-70	P.475	706 +72.00	706 +87.00																										1		
B-71	P.475	706 +87.00	707 +02.00																										1		
B-72	P.475	707 +02.00	707 +62.00																					60							
B-73	P.475	707 +62.00	707 +77.00																										1		
B-74	P.475	707 +77.00	707 +92.00																										1		
B-75	P.475-476	707 +92.00	711 +04.00																					312							
B-76	P.476	711 +04.00	711 +19.00																										1		
B-77	P.476	711 +39.00	711 +54.00																										1		
B-78	P.476-477	711 +54.00	716 +10.00																					456							
TOTALS CARRIED TO P.434				225		275		2	2		3													3837				28			

ROADWAY ESTIMATED QUANTITIES
MEDIAN (CONTINUED)

DESIGN AGENCY



DESIGNER
BRH

REVIEWER
CMY 09/05/25

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SHEET
P.429

TOTAL
895

REFERENCE	SHEET NUMBER	STATION TO STATION		202	202	202	202	202	202	202	202	202	203	204	606	606	606	606	606	606	606	606	609	622	622	622	622	622	622	690	
				CONCRETE BARRIER REMOVED	CURB REMOVED	GUARDRAIL REMOVED	GUARDRAIL REMOVED, AS PER PLAN	GUARDRAIL REMOVED, BARRIER DEISGN	ANCHOR ASSEMBLY REMOVED, TYPE E	ANCHOR ASSEMBLY REMOVED, TYPE T	BRIDGE TERMINAL ASSMBLY REMOVED	IMPACT ATTENUATOR REMOVED	CABLE BARRIER REMOVED	GRANULAR MATERIAL, TYPE B, AS PER PLAN (CALCULATED AS 0.148 CY/FT)	GEOTEXTILE FABRIC, AS PER PLAN (CALCULATED AS 0.222 SY/FT)	GUARDRAIL, TYPE MGS WITH LONG POSTS	ANCHOR ASSEMBLY, MGS TYPE E	ANCHOR ASSEMBLY, MGS TYPE T	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1	SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION	SPECIAL - CABLE BARRIER, ANCHOR ASSEMBLY	IMPACT ATTENUATOR, TYPE 1 (BIDIRECTIONAL)	GUARDRAIL, MISC.: SHOULDER SUPPORT BENCHING	CURB, TYPE 4-C	CONCRETE BARRIER, SINGLE SLOPE, TYPE C1, AS PER PLAN	CONCRETE BARRIER, SLINGLE SLOPE, TYPE D	CONCRETE BARRIER END SECTION, TYPE C1, AS PER PLAN	CONCRETE BARRIER END SECTION, TYPE D	CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE C1, AS PER PLAN	CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE D	SPECIAL - NO MOW STRIP
MEDIAN - PLAN SPLIT 01/NHS (CONTINUED)				FT	FT	FT	FT	FT	EACH	EACH	EACH	EACH	FT	CY	SY	FT	EACH	EACH	EACH	FT	EACH	EACH	FT	FT	FT	FT	EACH	EACH	EACH	EACH	SY
B-79	P.477	716 +10.00	716 +25.00																									1			
B-80	P.477	716 +25.00	716 +40.00																									1			
B-81	P.477-478	716 +40.00	721 +03.00																				463								
B-82	P.478	721 +03.00	721 +18.00																									1			
B-83	P.478	721 +38.00	721 +53.00																									1			
B-84	P.478	721 +53.00	724 +08.00																												
B-85	P.478	724 +08.00	724 +23.00																									1			
B-86	P.478	724 +43.00	724 +58.00																									1			
B-87	P.478-479	724 +58.00	726 +01.00																					143							
B-88	P.479	726 +01.00	726 +16.00																									1			
B-89	P.479	726 +36.00	726 +51.00																									1			
B-90	P.479-480	726 +51.00	731 +10.00																					459							
B-91	P.480	731 +10.00	731 +25.00																									1			
B-92	P.480	731 +25.00	731 +40.00																									1			
B-93	P.480-481	731 +40.00	737 +08.00																					568							
B-94	P.481	737 +08.00	737 +23.00																									1			
B-95	P.481	737 +43.00	737 +58.00																									1			
B-96	P.481-482	737 +58.00	741 +50.00																					392							
B-97	P.482	741 +50.00	741 +65.00																									1			
B-98	P.482	741 +85.00	742 +00.00																									1			
B-99	P.482	742 +00.00	743 +25.00																					125							
B-100	P.482	743 +25.00	743 +40.00																									1			
B-101	P.482	743 +60.00	743 +75.00																									1			
B-102	P.482	743 +75.00	745 +00.00																					125							
B-103	P.483	745 +00.00	745 +15.00																									1			
B-104	P.483	745 +35.00	745 +50.00																									1			
B-105	P.483	745 +50.00	747 +78.00																					228							
R-21	P.483	746 +99.00									1																				
R-22	P.483	746 +99.00	747 +36.50				37.5																								
R-23	P.483	747 +36.50			18					1																					
R-24	P.483	747 +63.00	747 +93.00	30																											
B-106	P.483	747 +78.00	747 +93.00																									1			
R-25	P.484	750 +57.00	750 +87.00	30																											
B-107	P.484	750 +57.00	750 +72.00																										1		
B-108	P.484	750 +72.00	752 +07.00																												
R-26	P.484	750 +87.00	751 +12.00		18						1														135						
R-27	P.484	751 +12.00	751 +49.50				37.5																								
R-28	P.484	751 +49.50										1																			
B-109	P.484	752 +07.00	752 +22.00																									1			
B-110	P.484	752 +42.00	752 +57.00																									1			
B-111	P.484-485	752 +57.00	758 +07.00																					550							
B-112	P.485	758 +07.00	758 +22.00																									1			
B-113	P.485	758 +42.00	758 +57.00																									1			
B-114	P.485-487	758 +57.00	765 +10.00																					653							
B-115	P.487	765 +10.00	765 +25.00																									1			
B-116	P.487	765 +25.00	765 +40.00																									1			
B-117	P.487	765 +40.00	769 +30.00																					390							
B-118	P.487	769 +30.00	769 +45.00																									1			
B-119	P.487	769 +45.00	769 +60.00																									1			
B-120	P.487-488	769 +60.00	770 +20.00																					60							
B-121	P.488	770 +20.00	770 +35.00																									1			
B-122	P.488	770 +35.00	770 +50.00																									1			
TOTALS CARRIED TO P.434				60	36			75			2	2												4546					30		

ROADWAY ESTIMATED QUANTITIES
MEDIAN (CONTINUED)

DESIGN AGENCY



DESIGNER
BRH

REVIEWER
CMY 09/05/25

PROJECT ID
95445

SHEET
P.430

TOTAL
895

REFERENCE	SHEET NUMBER	STATION TO STATION		202	202	202	202	202	202	202	202	202	202	203	202	606	606	606	606	606	606	606	606	609	622	622	622	622	622	622	690
				CONCRETE BARRIER REMOVED	CURB REMOVED	GUARDRAIL REMOVED	GUARDRAIL REMOVED, AS PER PLAN	GUARDRAIL REMOVED, BARRIER DEISGN	ANCHOR ASSEMBLY REMOVED, TYPE E	ANCHOR ASSEMBLY REMOVED, TYPE T	BRIDGE TERMINAL ASSMBLY REMOVED	IMPACT ATTENUATOR REMOVED	CABLE BARRIER REMOVED	GRANULAR MATERIAL, TYPE B, AS PER PLAN (CALCULATED AS 0.148 CY/FT)	GEOTEXTILE FABRIC, AS PER PLAN (CALCULATED AS 0.222 SY/FT)	GUARDRAIL, TYPE MGS WITH LONG POSTS	ANCHOR ASSEMBLY, MGS TYPE E	ANCHOR ASSEMBLY, MGS TYPE T	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1	SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION	SPECIAL - CABLE BARRIER, ANCHOR ASSEMBLY	IMPACT ATTENUATOR, TYPE 1 (BIDIRECTIONAL)	GUARDRAIL, MISC.: SHOULDER SUPPORT BENCHING	CURB, TYPE 4-C	CONCRETE BARRIER, SINGLE SLOPE, TYPE C1, AS PER PLAN	CONCRETE BARRIER, SLINGLE SLOPE, TYPE D	CONCRETE BARRIER END SECTION, TYPE C1, AS PER PLAN	CONCRETE BARRIER END SECTION, TYPE D	CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE C1, AS PER PLAN	CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE D	SPECIAL - NO MOW STRIP
MEDIAN - PLAN SPLIT 01/NHS (CONTINUED)				FT	FT	FT	FT	FT	EACH	EACH	EACH	EACH	FT	CY	SY	FT	EACH	EACH	EACH	FT	EACH	EACH	FT	FT	FT	FT	EACH	EACH	EACH	EACH	SY
B-123	P.488	770 +50.00	771 +25.00																					75							
B-124	P.488	771 +25.00	771 +40.00																										1		
B-125	P.488	771 +60.00	771 +75.00																										1		
B-126	P.488-489	771 +75.00	777 +05.00																					530					1		
B-127	P.489	777 +05.00	777 +20.00																										1		
B-128	P.489	777 +40.00	777 +55.00																										1		
B-129	P.489-490	777 +55.00	783 +75.00																					620					1		
B-130	P.490	783 +75.00	783 +90.00																										1		
B-131	P.490	784 +10.00	784 +25.00																										1		
B-132	P.490-491	784 +25.00	786 +95.00																					270					1		
B-133	P.491	786 +95.00	787 +10.00																										1		
B-134	P.491	787 +30.00	787 +45.00																										1		
B-135	P.491-492	787 +45.00	792 +10.00																					465					1		
B-136	P.492	792 +10.00	792 +25.00																										1		
B-137	P.492	792 +25.00	792 +40.00																										1		
B-138	P.492-493	792 +40.00	795 +70.00																					330					1		
B-139	P.493	795 +70.00	795 +85.00																										1		
B-140	P.493	795 +85.00	796 +00.00																										1		
B-141	P.493	796 +00.00	796 +60.00																					60					1		
B-142	P.493	796 +60.00	796 +75.00																										1		
B-143	P.493	796 +75.00	796 +90.00																										1		
B-144	P.493	797 +10.00	797 +25.00																										1		
B-145	P.493	797 +25.00	799 +75.00																					250					1		
B-146	P.493	799 +75.00	799 +90.00																										1		
B-147	P.494	800 +10.00	800 +25.00																										1		
B-148	P.494-495	800 +25.00	807 +50.00																					725					1		
B-149	P.495	807 +50.00	807 +65.00																										1		
B-150	P.495	807 +85.00	808 +00.00																										1		
B-151	P.495-496	808 +00.00	810 +36.00																					236					1		
B-152	P.496	810 +36.00	810 +51.00																										1		
B-153	P.496	810 +71.00	810 +86.00																										1		
B-154	P.496-497	810 +86.00	815 +10.00																					424					1		
B-155	P.497	815 +10.00	815 +25.00																										1		
B-156	P.497	815 +25.00	815 +40.00																										1		
B-157	P.497	815 +40.00	819 +95.00																					455					1		
B-158	P.497-498	819 +95.00	820 +10.00																										1		
B-159	P.498	820 +30.00	820 +45.00																										1		
B-160	P.498	820 +45.00	822 +20.00																					175					1		
B-161	P.498	822 +20.00	822 +35.00																										1		
B-162	P.498	822 +35.00	822 +50.00																										1		
B-163	P.498	822 +50.00	823 +10.00																					60					1		
B-164	P.498	823 +10.00	823 +25.00																										1		
B-165	P.498	823 +25.00	823 +40.00																										1		
B-166	P.498-499	823 +40.00	825 +98.00																					258					1		
B-167	P.499	825 +98.00	826 +13.00																										1		
B-168	P.499	826 +33.00	826 +48.00																										1		
B-169	P.499-500	826 +48.00	830 +54.00																					406					1		
B-170	P.500	830 +54.00	830 +69.00																										1		
B-171	P.500	830 +89.00	831 +04.00																										1		
B-172	P.500	831 +04.00	831 +55.00																												

ROADWAY ESTIMATED QUANTITIES
MEDIAN (CONTINUED)

DESIGN AGENCY



DESIGNER

BRH

REVIEWER

CMY 09/05/25

PROJECT ID

95445

SHEET

P.431

TOTAL

895

LIC-16/37-14.24/15.47

MODEL: EB PAPERSIZE: 34x22 (in.) DATE: 1/29/2026 TIME: 8:22:46 AM PLTDRV: OHDOT_PDF.pltGRI: OHDOT_Pen.tbl USER: Brian.Harlow@dot.ohio.gov WORKSPACE: OHDOTCEV02 WORKSET: 95445 PRODUCT: OpenRoadsDesigner 24.00.00.2025
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\\Documents\\01 Active Projects\\District 05\\Licking(95445)400-Engineering\\Roadway\\Streets\\95445_GS001.dgn

REFERENCE	SHEET NUMBER	STATION TO STATION	202	202	202	202	202	202	202	202	202	203	204	606	606	606	606	606	606	606	606	609	622	622	622	622	622	622	690	
			CONCRETE BARRIER REMOVED	CURB REMOVED	GUARDRAIL REMOVED	GUARDRAIL REMOVED, AS PER PLAN	GUARDRAIL REMOVED, BARRIER DEISGN	ANCHOR ASSEMBLY REMOVED, TYPE E	ANCHOR ASSEMBLY REMOVED, TYPE T	BRIDGE TERMINAL ASSMBLY REMOVED	IMPACT ATTENUATOR REMOVED	CABLE BARRIER REMOVED	GRANULAR MATERIAL, TYPE B, AS PER PLAN (CALCULATED AS 0.148 CY/FT)	GEOTEXTILE FABRIC, AS PER PLAN (CALCULATED AS 0.222 SY/FT)	GUARDRAIL, TYPE MGS WITH LONG POSTS	ANCHOR ASSEMBLY, MGS TYPE E	ANCHOR ASSEMBLY, MGS TYPE T	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1	SPECIAL - CABLE BARRIER WITH CONCRETE LINE POST FOUNDATION	SPECIAL - CABLE BARRIER, ANCHOR ASSEMBLY	IMPACT ATTENUATOR, TYPE 1 (BIDIRECTIONAL)	GUARDRAIL, MISC.: SHOULDER SUPPORT BENCHING	CURB, TYPE 4-C	CONCRETE BARRIER, SINGLE SLOPE, TYPE C1, AS PER PLAN	CONCRETE BARRIER, SLINGLE SLOPE, TYPE D	CONCRETE BARRIER END SECTION, TYPE C1, AS PER PLAN	CONCRETE BARRIER END SECTION, TYPE D	CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE C1, AS PER PLAN	CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE D	SPECIAL - NO MOW STRIP
EASTBOUND - PLAN SPLIT 02/NHS			FT	FT	FT	FT	FT	EACH	EACH	EACH	EACH	FT	CY	SY	FT	EACH	EACH	EACH	FT	EACH	EACH	FT	FT	FT	FT	EACH	EACH	EACH	EACH	SY
GR-1	P.464	654 +00.00													1															
GR-2	P.464-466	654 +00.00	660 + 62.00 (RAMP C)											662.5																
R-31	P.464	654 +05.00						1																						
R-32	P.464-466	654 +05.00	660 + 58.00 (RAMP C)		650																									
R-33	P.466	660 + 58.00 (RAMP C)						1																						
GR-3	P.466	660 + 62.00 (RAMP C)														1														
GR-4	P.468	670 +19.00													1															
GR-5	P.468	670 +19.00	670 +81.50											62.5																
R-34	P.468	670 +27.00						1																						
R-35	P.468	670 +27.00	670 +89.50		62.5																									
BT-1	P.468	670 +81.50															1				18									
R-36	P.468	670 +89.50			18					1																				
B-158	P.468	671 +06.00	671 +20.00																							1				
R-37	P.468	671 +13.00	671 +63.00		50																									
B-159	P.468	671 +20.00	671 +48.00																					28						
B-160	P.468	671 +48.00	671 +63.00																									1		
GR-6	P.472	694 +12.50													1															
GR-7	P.472-473	694 +12.50	697 +00.00											287.5																
GR-8	P.473	697 +00.00														1														
GR-9	P.479	729 +87.50													1															
GR-10	P.479-483	729 +87.50	747 +12.50									255.3	383.0	1725							1725									
R-38	P.480	730 +12.50						1																						
R-39	P.480-483	730 +12.50	747 +12.50				1700																							
R-40	P.484-492	750 +87.50	793 +25.00		4237.5																									
GR-11	P.484-492	750 +87.50	793 +25.00									627.2	940.8	4237.5							4237.5									
R-41	P.492	793 +25.00							1																					
GR-12	P.492	793 +25.00															1													
GR-13	P.493	798 +75.00													1															
R-42	P.493	798 +75.00						1																						
GR-14	P.493-494	798 +75.00	800 +75.00											200																
R-43	P.493-494	798 +75.00	800 +62.50				187.5																							
R-44	P.494	800 +62.50							1																					
GR-15	P.494	800 +75.00															1													

ROADWAY ESTIMATED QUANTITIES EASTBOUND

DESIGN AGENCY



DESIGNER

BRH

REVIEWER

CMY 09/05/25

PROJECT ID

SHEET

TOTAL

LIC-16/37-14.24/15.47

MODEL: WB PAPERSET: 34x22 (in.) DATE: 1/29/2026 TIME: 8:22:47 AM PLOTDRV: OHDOT_PDF.plt PENTBL: OHDOT_Pen.tbl USER: Brian.Harlow@dot.ohio.gov WORKSPACE: OHDOTCEV02 WORKSET: 95445 PRODUCT: OpenRoadsDesigner 24.00.00.205
 pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\\Documents\\01 Active Projects\\District 05\\Licking\\95445\\400-Engineering\\Roadway\\Sheets\\95445 GS001.dgn

pw: \\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Licking\95445\400-Engineering\Roadway\Sheets\95445 GS001.dgn

[illegible]

ROADWAY ESTIMATED QUANTITIES WESTBOUND

DESIGN AGENCY



DESIGNER

BRH

REVIEWER
CMY 09/05/25

PROJECT ID
95445

SHEET	TOTAL
P.433	89

LIC-16/37-14.24/15.47

MODEL: TOTALS PAPERSIZE: 34x22 (in.) DATE: 1/29/2026 TIME: 8:22:47 AM PLTDRV: OHDOT_PDF.pltcrf PENTBL: OHDOT_Pen.tbl USER: Brian.Harlow@dot.ohio.gov WORKSPACE: OHDOTCEV02 WORKSET: 95445 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\\Documents\\01 Active Projects\\District 05\\Licking\\95445\\400-Engineering\\Roadway\\Sheets\\95445 GS0001.dgn

[illegible]

DESIGN AGENCY



DESIGNER
BRH

REVIEWER
CMY 09/05

PROJECT ID
95445

SHEET	TOTAL
P.434	89

LIC-16/37-14.24/15.47

MODEL: MEDIAN-1 PAPER SIZE: 34x22 (in.) DATE: 1/29/2026 TIME: 8:31:43 AM PUTDRV: OHDOT_PDF.pltcfgr PENTBL: OHDOT_Pen.tbl USER: Brian.Harlow@dot.ohio.gov WORKSPACE: OHDOTCev02 WORKSET: 95445 PRODUCT: OpenRoadsDesigner 24.00.00.2025
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DRAINAGE SUBSUMMARY MEDIAN (01/NHS)

DESIGN AGENCY



DESIGNER

DRI

REVIEWER

BRH 09/05/25

PROJECT ID
95445

SHEET	TOTAL
P.688	89

REF NO	SHEET NO	LOCATION STATION TO STATION			202	202	202	202	202		601	601		602		611	611	611	611	611	611	611	611	611	611	611	611	
					HEADWALL REMOVED	PIPE REMOVED, 24" DIAMETER AND UNDER	PIPE REMOVED, OVER 24" DIAMETER	CATCH BASIN REMOVED	SPECIAL - FILL AND PLUG EXISTING CONDUIT		TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER		CONCRETE MASONRY		12" CONDUIT, TYPE B, AS PER PLAN	12" CONDUIT, TYPE C	15" CONDUIT, TYPE B, AS PER PLAN	18" CONDUIT, TYPE B, AS PER PLAN	21" CONDUIT, TYPE B, AS PER PLAN	24" CONDUIT, TYPE B, AS PER PLAN	30" CONDUIT, TYPE B, AS PER PLAN	36" CONDUIT, TYPE B, AS PER PLAN	CONDUIT, BORED OR JACKED (15")	INLET, NO. 3 FOR SINGLE-SHORE- BARRIER, TYPE C, AS PER PLAN	MANHOLE, NO. 3	MANHOLE ADJUSTED TO GRADE	
																EACH	FT	FT	EACH	FT		SY	CY		CY		FT	FT
		PLAN SPLIT 01/NHS (PHASE 1 MEDIAN CONT.)																										
			TO																									
DR-21	17	701 +33.00					1																					
DR-22	17	701 +33.00				11																						
DR-23	17	701 +33.00				7																						
I-12	17	701 +33.00																						1				
SS-14	17	701 +33.00																	10									
SS-15	17	701 +33.00																	10									
DR-24	17	704 +92.00					8			705 +00.00																		
SS-16	17	704 +92.00								705 +00.00																		
I-13	17-18	705 +00.00																										
SS-17	17-18	705 +00.00																							1			
M-1	17-18	705 +00.00															14									1		
DR-25	18	705 +00.00					8			705 +08.00																		
SS-18	18	705 +00.00								705 +08.00																		
M-2	18	706 +26.14																										1
DR-26	19	711 +32.16					1																					
DR-27	19	711 +32.16				9																						
I-14	19	711 +29.00																							1			
M-3	19	711 +32.16																									1	
SS-19	19	711 +29.00																10										
M-4	20	716 +34.71																										1
DR-28	21	721 +31.79					1																					
DR-29	21	721 +31.79				8																						
DR-30	21	724 +33.00					1																					
DR-31	21	724 +33.00				4																						
M-5	21	721 +31.79																									1	
I-15	21	721 +28.00																						1				
I-16	21	724 +33.00																						1				
SS-20	21	721 +28.00																										
SS-21	21	724 +33.00																10										
DR-32	22	726 +26.00					1																					
DR-33	22	726 +26.00																										
DR-34	22	726 +26.00				8																						
I-17	22	726 +26.00				9																						
M-6	22	726 +26.11																									1	
SS-22	22	726 +26.00																									1	
SS-23	22	726 +26.00																										
M-7	23	731 +32.42																										1
DR-35	24	737 +33.00					1																					
DR-36	24	737 +33.00				12																						
I-18	24	737 +33.00																									1	
SS-24	24	737 +33.00															10											
DR-38	25	743 +57.48					1																					
DR-39	25	743 +57.48							76																			
I-19	25	741 +75.00																									1	
I-20	25	743 +50.00																									1	
SS-26	25	741 +75.00							743 +50.00										175									
SS-27	25	743 +50.00																							76			
SS-28	25-26	743 +50.00							745 +25.00										175									
TOTALS CARRIED TO P.693						51	33	7	76							20		364	20		20	20	16	76	9	1	6	

DRAINAGE SUBSUMMARY
MEDIAN (01/NHS)

DESIGN AGENCY

DESIGNER
DRL

REVIEWER
BRH 09/05/25

PROJECT ID
95445

SHEET
P.689

TOTAL
895

REF NO	SHEET NO	LOCATION STATION TO STATION			202	202	202	202	202		601	601		602		611	611	611	611	611	611	611	611	611	611	611	611	611		
					HEADWALL REMOVED	PIPE REMOVED, 24" DIAMETER AND UNDER	PIPE REMOVED, OVER 24" DIAMETER	CATCH BASIN REMOVED	SPECIAL - FILL AND PLUG EXISTING CONDUIT		TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER		CONCRETE MASONRY		12" CONDUIT, TYPE B, AS PER PLAN	12" CONDUIT, TYPE C	15" CONDUIT, TYPE B, AS PER PLAN	18" CONDUIT, TYPE B, AS PER PLAN	21" CONDUIT, TYPE B, AS PER PLAN	24" CONDUIT, TYPE B, AS PER PLAN	30" CONDUIT, TYPE B, AS PER PLAN	36" CONDUIT, TYPE B, AS PER PLAN	CONDUIT, BORED OR JACKED (15")	INLET, NO. 3 FOR SINGLE-SHORE BARRIER, TYPE C 1, AS PER PLAN	MANHOLE, NO. 3	MANHOLE ADJUSTED TO GRADE			
					EACH	FT	FT	EACH	FT		SY	CY		CY		FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	EACH	EACH	EACH		
		PLAN SPLIT 01/NHS (PHASE 1 MEDIAN CONT.)																												
			TO																											
I-21	26	745 +25.00																							1					
DR-41	27	752 +32.00					1																							
DR-42	27	752 +32.00				12																								
I-22	27	752 +32.00																							1					
SS-29	27	752 +32.00														10														
DR-44	28	758 +32.00					1																							
DR-45	28	758 +32.00				12																								
I-23	28	758 +32.00																							1					
SS-31	28	758 +32.00														10														
DR-47	29	764 +90.43					1																							
DR-48	29	764 +90.43						147																						
I-24	31	771 +50.00																							1					
SS-33	31	771 +50.00																						80						
DR-49	32	777 +30.00					1																							
DR-50	32	777 +30.00				7																								
I-25	32	777 +30.00																							1					
SS-34	32	777 +30.00														10														
I-26	33	784+00.00																							1					
SS-36	33-34	784 +00.00			787 +20.00												320													
DR-52	34	787 +30.35					1																							
DR-53	34	787 +30.35						84																						
I-27	34	787 +20.00																							1					
SS-37	34	787 +20.00																						88						
DR-55	36	799 +81.80					1																							
DR-56	36	799 +81.80						85																						
I-28	36	797 +00.00																							1					
I-29	36-37	800 +00.00																							1					
SS-38	36	797 +00.00			800 +00.00												300													
SS-39	36-37	800 +00.00																						88						
DR-58	38	807 +75.00					1																							
DR-59	38	807 +75.00				7																								
I-30	38	807 +75.00																							1					
SS-40	38	807 +75.00															10													
DR-60	39	810 +61.00					1																							
DR-61	39	810 +61.00																												
DR-62	39	810 +61.00					10																							
DR-63	39	810 +61.00					8																							
DR-63	39	810 +61.00					11																							
I-31	39	810 +61.00																							1					
M-8	39	810 +61.87																									1			
SS-41	39	810 +61.00																16												
SS-42	39	810 +61.00															10													
SS-43	39	810 +61.00																10	10											
M-9	40	815 +28.10																									1			
TOTALS CARRIED TO P.693						67		8	316							30		640	10	16				256	11		2			

DRAINAGE SUBSUMMARY
MEDIAN (01/NHS)

DESIGN AGENCY



DESIGNER

DRL

REVIEWER

BRH 09/05/25

PROJECT ID

95445

SHEET

P.690

TOTAL

895

LIC-16/37-14.24/15.47

MODEL: MEDIAN-4 PAPERSIZE: 34x22 (in.) DATE: 1/29/2026 TIME: 8:31:44 AM PUTDRV: OHDOT_PDF.pltctrg PENTBL: OHDOT_Pen.tbl USER: Brian.Harlow@dot.ohio.gov WORKSPACE: OHDOTCEV02 WORKSET: 95445 PRODUCT: OpenRoadsDesigner 24.00.00.2025
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DRAINAGE SUBSUMMARY MEDIAN (01/NHS)

DESIGN AGENCY



DESIGNER

DRI

REVIEWER

BRH 09/05/25

PROJECT ID

SHEET	TOTAL
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P.6:

89.

LIC-16/37-14.24/15.47

MODEL: OUTSIDE-5 PAPERSIZE: 34x22 (in.) DATE: 1/29/2026 TIME: 8:31:44 AM PLTDRW: OHDOT_PDF.plt PENTBL: OHDOT_Pen.tbl USER: Brian.Harlow@dot.ohio.gov WORKSPACE: OHDOTCEV02 WORKSET: 95445 PRODUCT: OpenRoadsDesigner 24.00.00.2025
pw:\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Licking\95445\400-Engineering\Drainage\Sheets\95445_DS002.dgn

[illegible]

DRAINAGE SUBSUMMARY

DESIGN AGENCY



DESIGNER

DRI

REVIEWER

BRH 09/05/25

PROJECT ID

95445

SHEET	TOTAL
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TOTAL

LIC-16/37-14.24/15.47

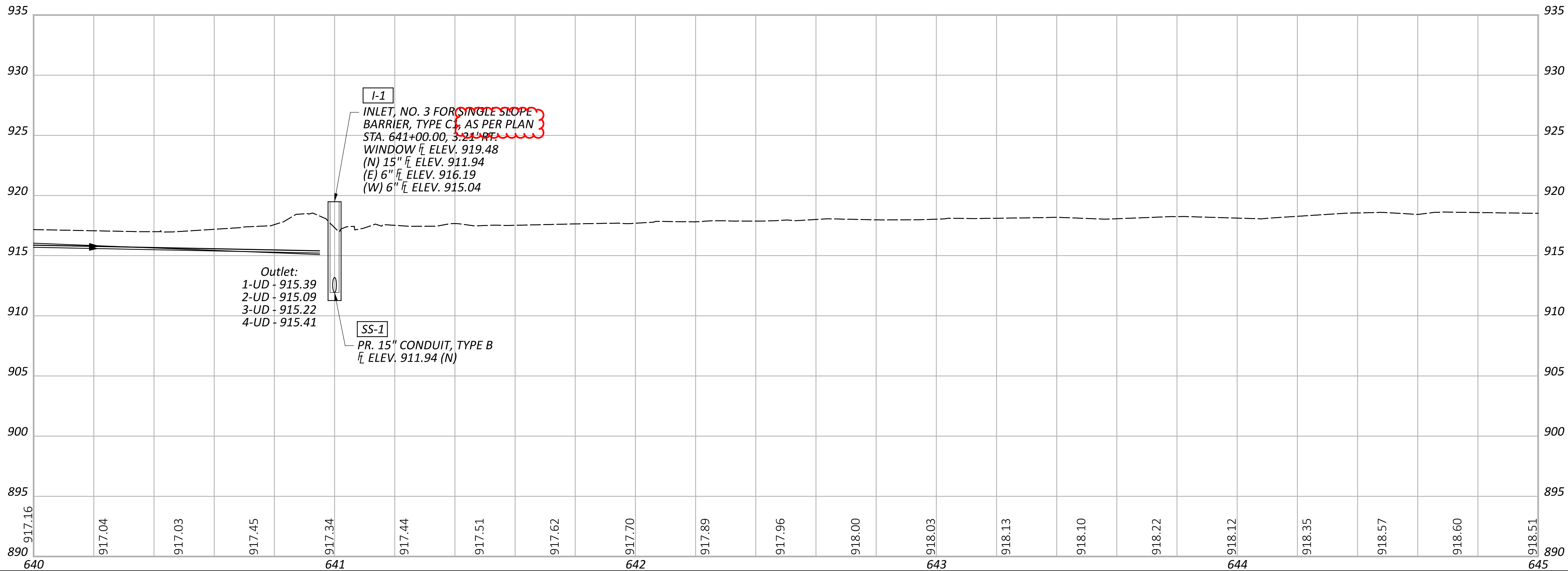
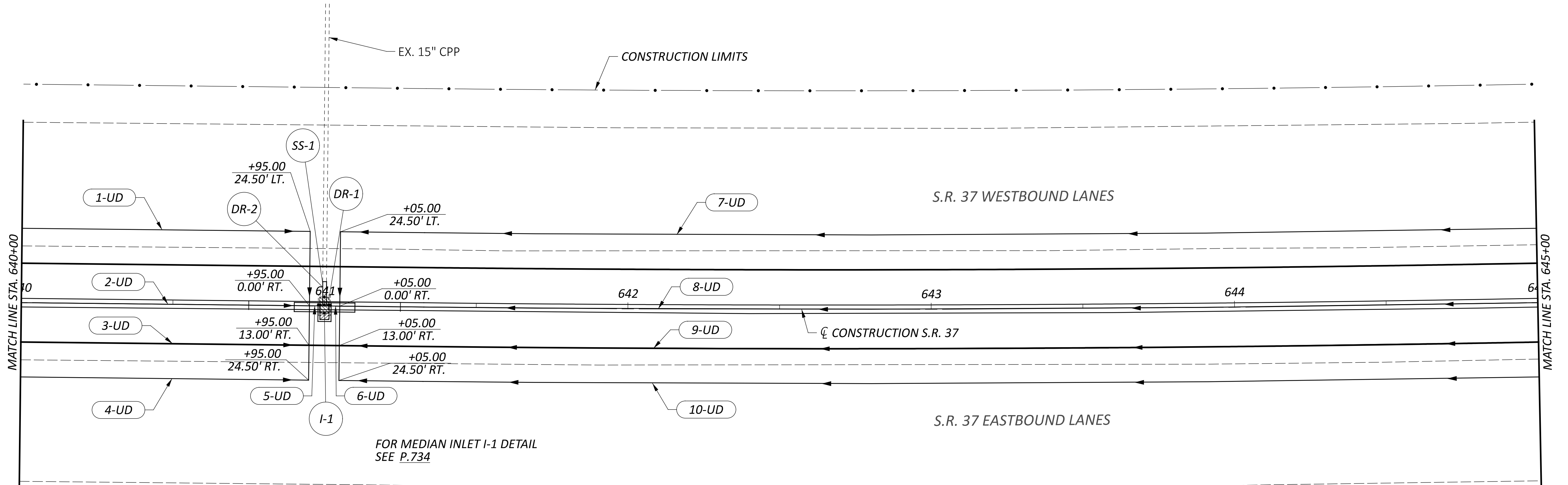
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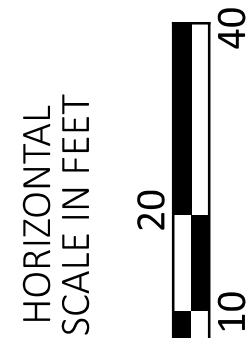
CROSS REFERENCES:

UNDERDRAIN QUANTITIES
(SEE SHEET P.683)

DRAINAGE QUANTITIES
(SEE SHEET P.688)



DRAINAGE PLAN - S.R. 37
STA. 640+00 - 645+00



DESIGN AGENCY



DESIGNER

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PROJECT ID

95445

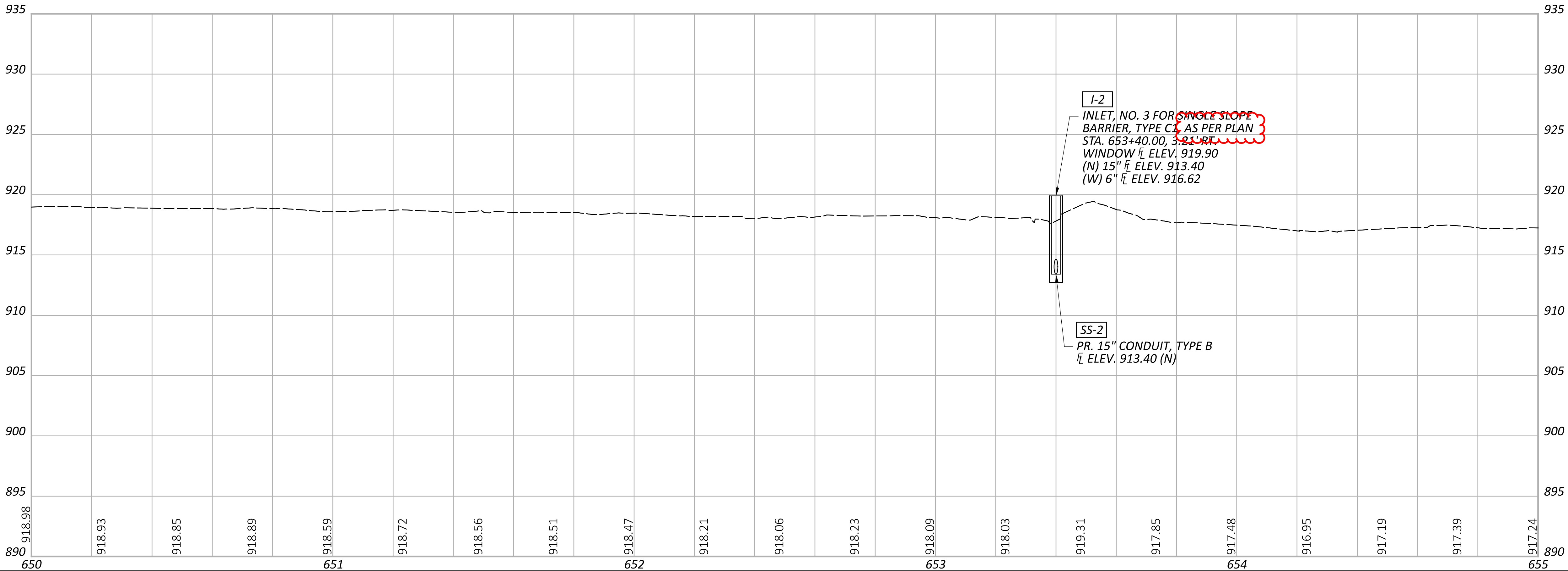
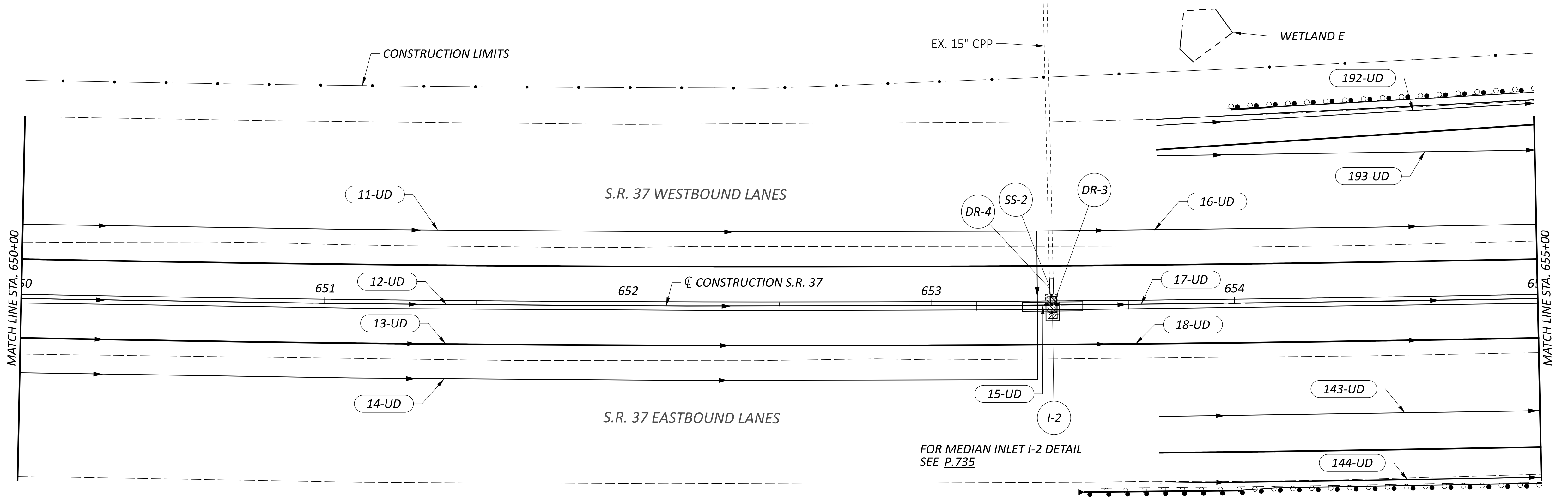
SHEET

P.695

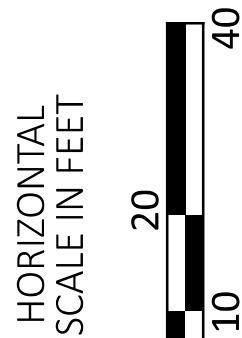
TOTAL

895

CROSS REFERENCES:
UNDERDRAIN QUANTITIES
(SEE SHEET P.683)
DRAINAGE QUANTITIES
(SEE SHEET P.688)



DRAINAGE PLAN - S.R. 37
STA. 650+00 - 655+00



DESIGN AGENCY



DESIGNER

BRH

REVIEWER

CMY 09/05/25

PROJECT ID

95445

SHEET

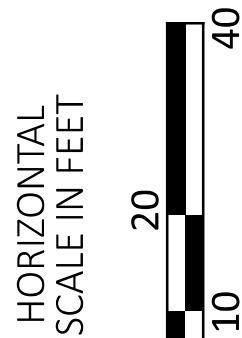
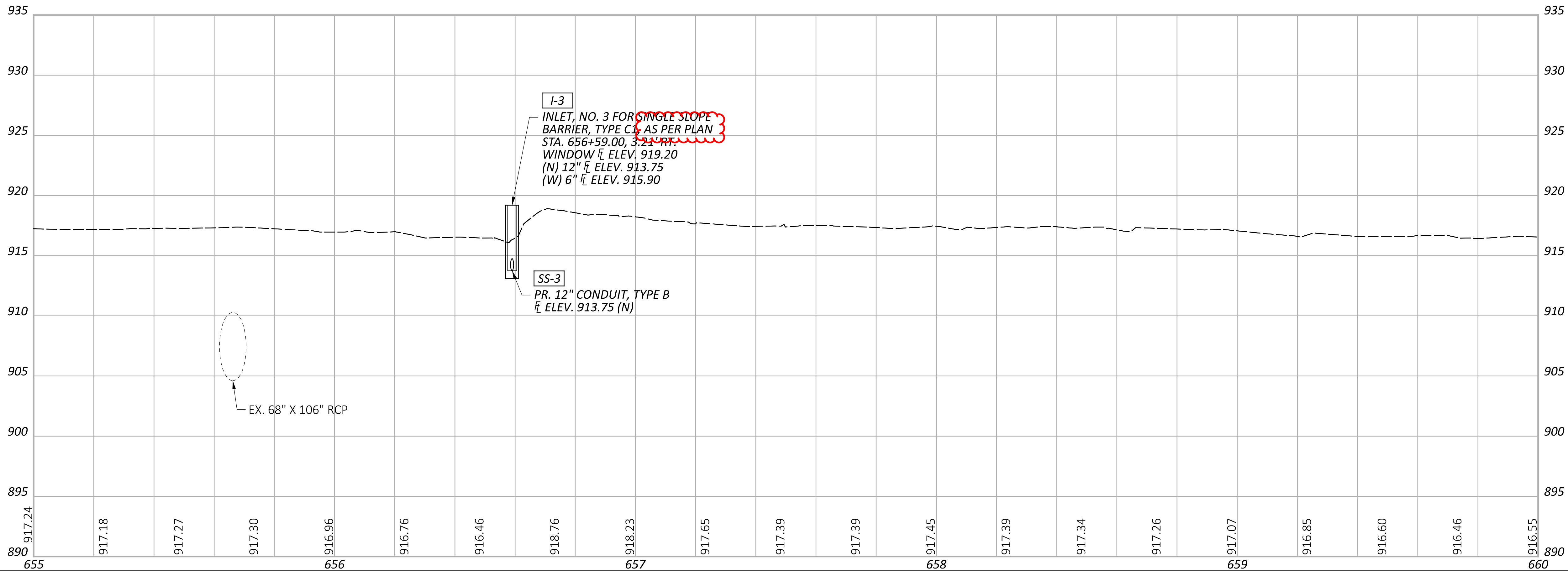
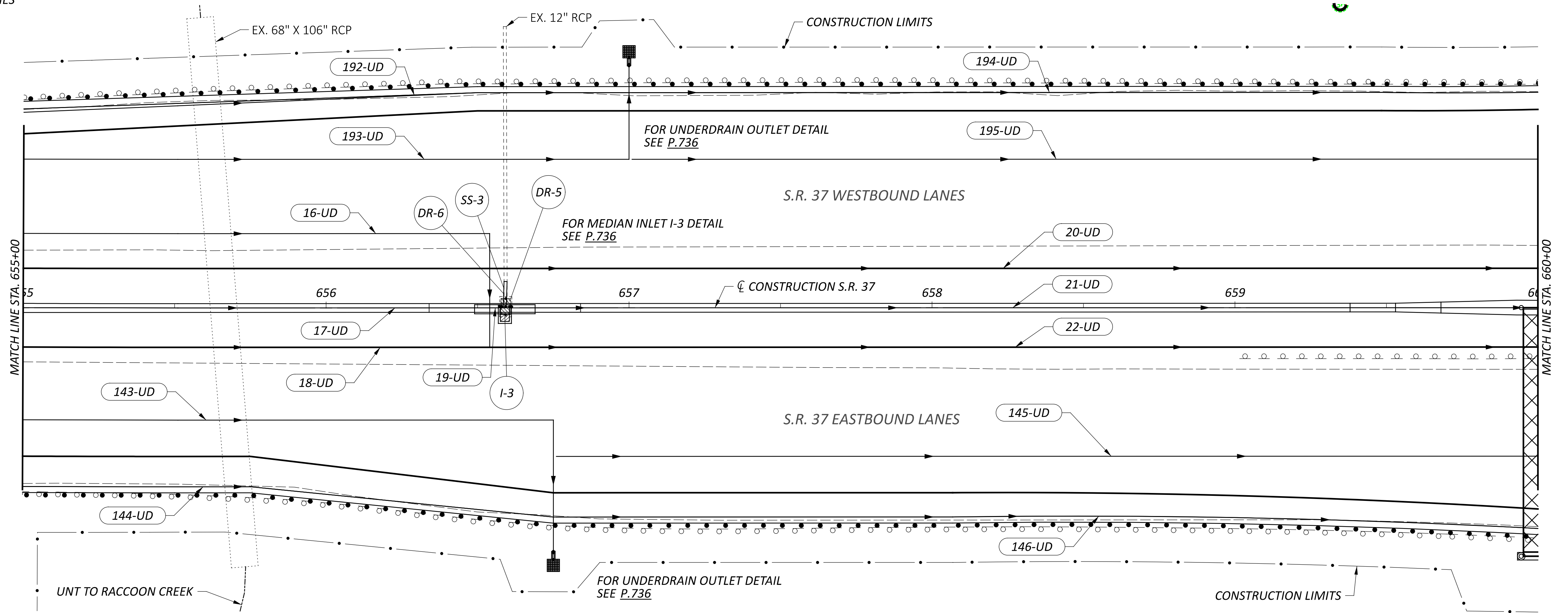
P.697

TOTAL

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CROSS REFERENCES:

UNDERDRAIN QUANTITIES
(SEE SHEET P.683)
DRAINAGE QUANTITIES
(SEE SHEET P.688)



DRAINAGE PLAN - S.R. 37
STA. 655+00 - 660+00

DESIGN AGENCY



DESIGNER

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REVIEWER

CMY 09/05/25

PROJECT ID

95446

SHEET

P.698

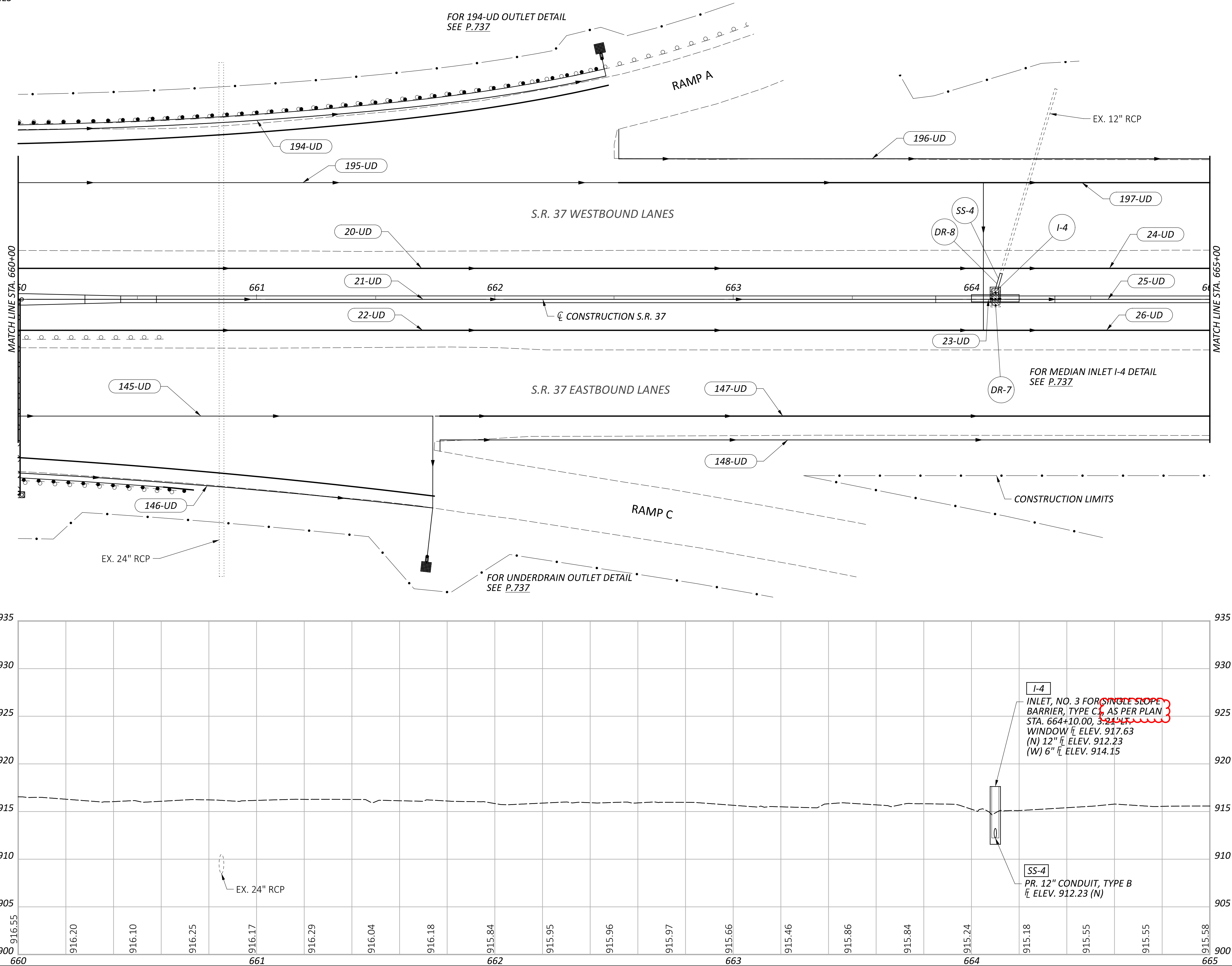
TOTAL

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CROSS REFERENCES:

UNDERDRAIN QUANTITIES
(SEE SHEET P.683)

DRAINAGE QUANTITIES
(SEE SHEET P.688)



DRAINAGE PLAN - S.R. 37
STA. 660+00 - 665+00

DESIGN AGENCY



DESIGNER

BRH

REVIEWER

CMY 09/05/25

PROJECT ID

95445

SHEET

P.699

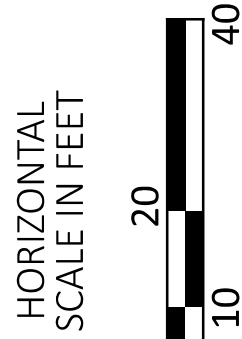
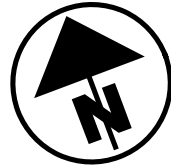
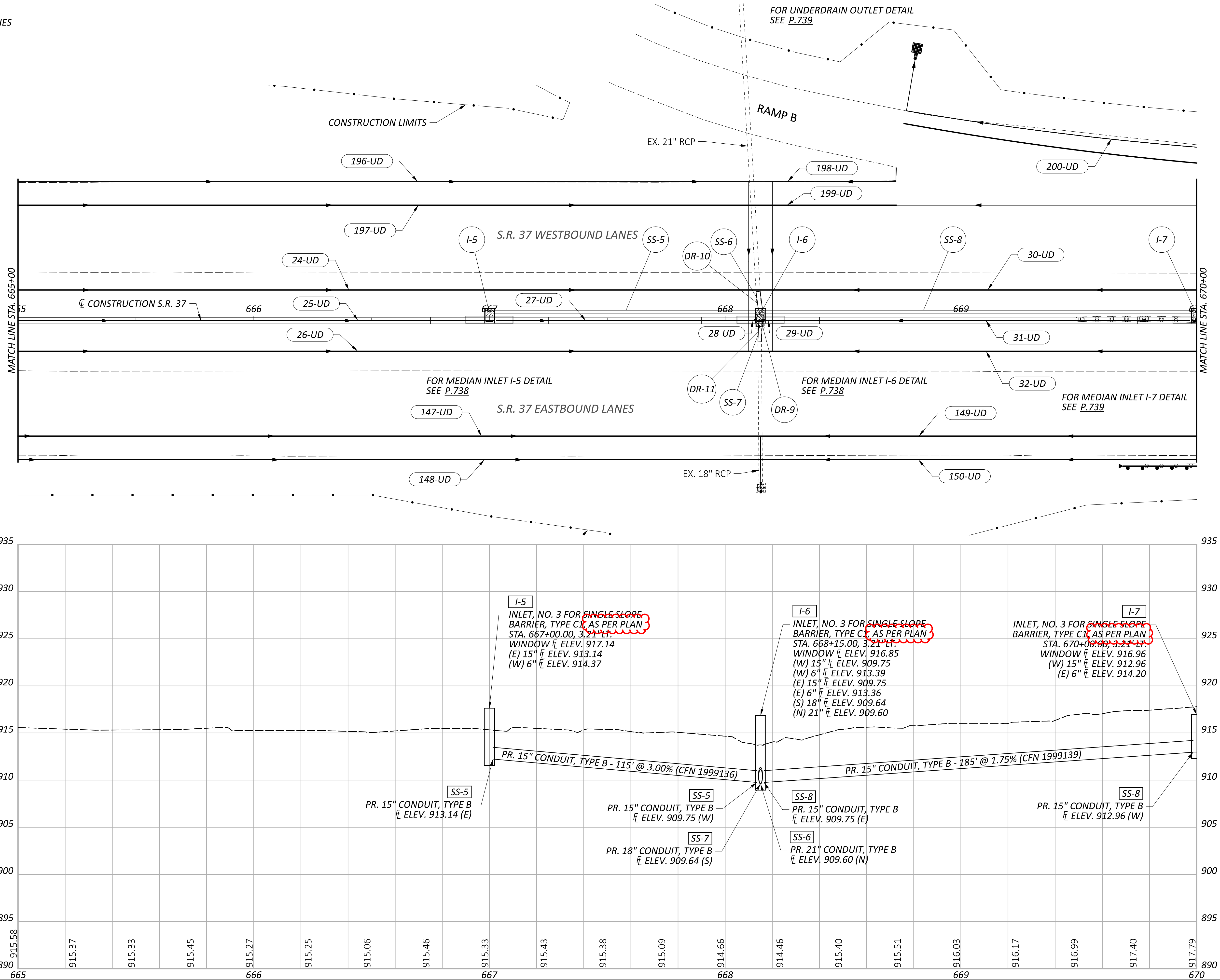
TOTAL

895

CROSS REFERENCES:

UNDERDRAIN QUANTITIES
(SEE SHEET P.683)

DRAINAGE QUANTITIES
(SEE SHEET P.688)



DRAINAGE PLAN - S.R. 37
STA. 665+00 - 670+00

DESIGN AGENCY



DESIGNER

BRH

REVIEWER

CMY 09/05/25

PROJECT ID

95445

SHEET

P.700

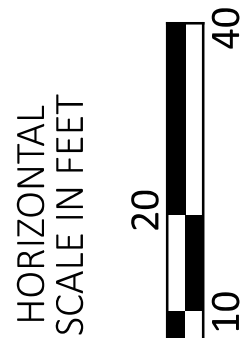
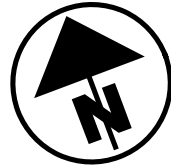
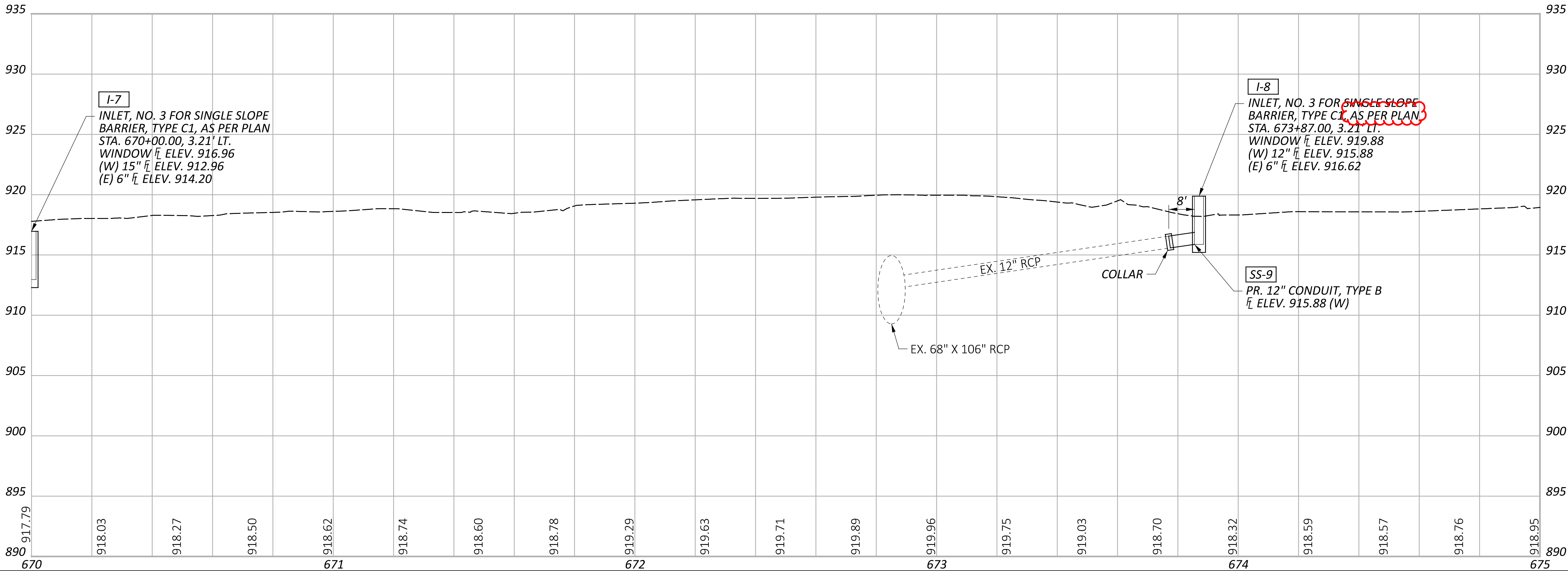
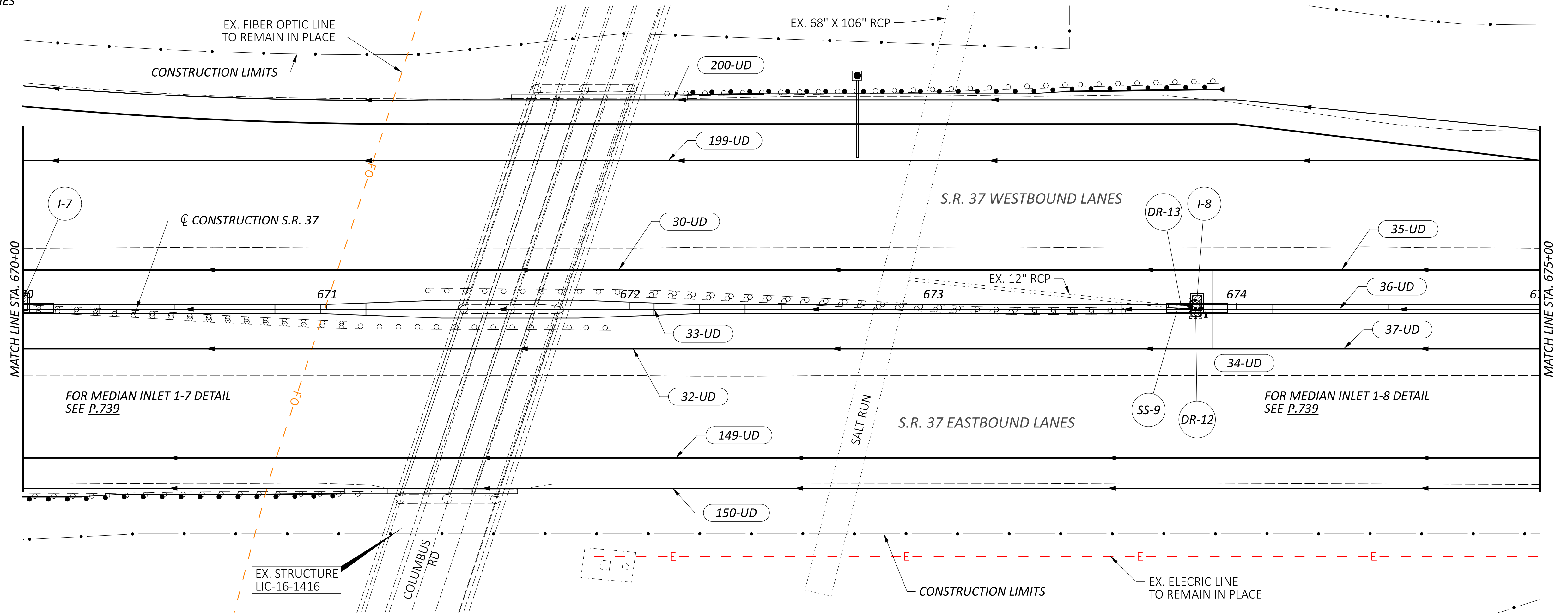
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CROSS REFERENCES:

UNDERDRAIN QUANTITIES
(SEE SHEET P.683)

DRAINAGE QUANTITIES
(SEE SHEET P.688)



DRAINAGE PLAN - S.R. 37
STA. 670+00 - 675+00

DESIGN AGENCY



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CMY 09/05/25

PROJECT ID

95445

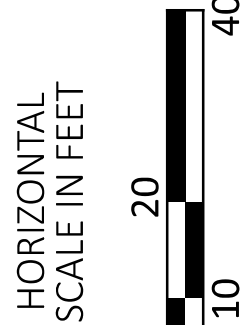
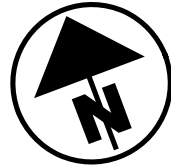
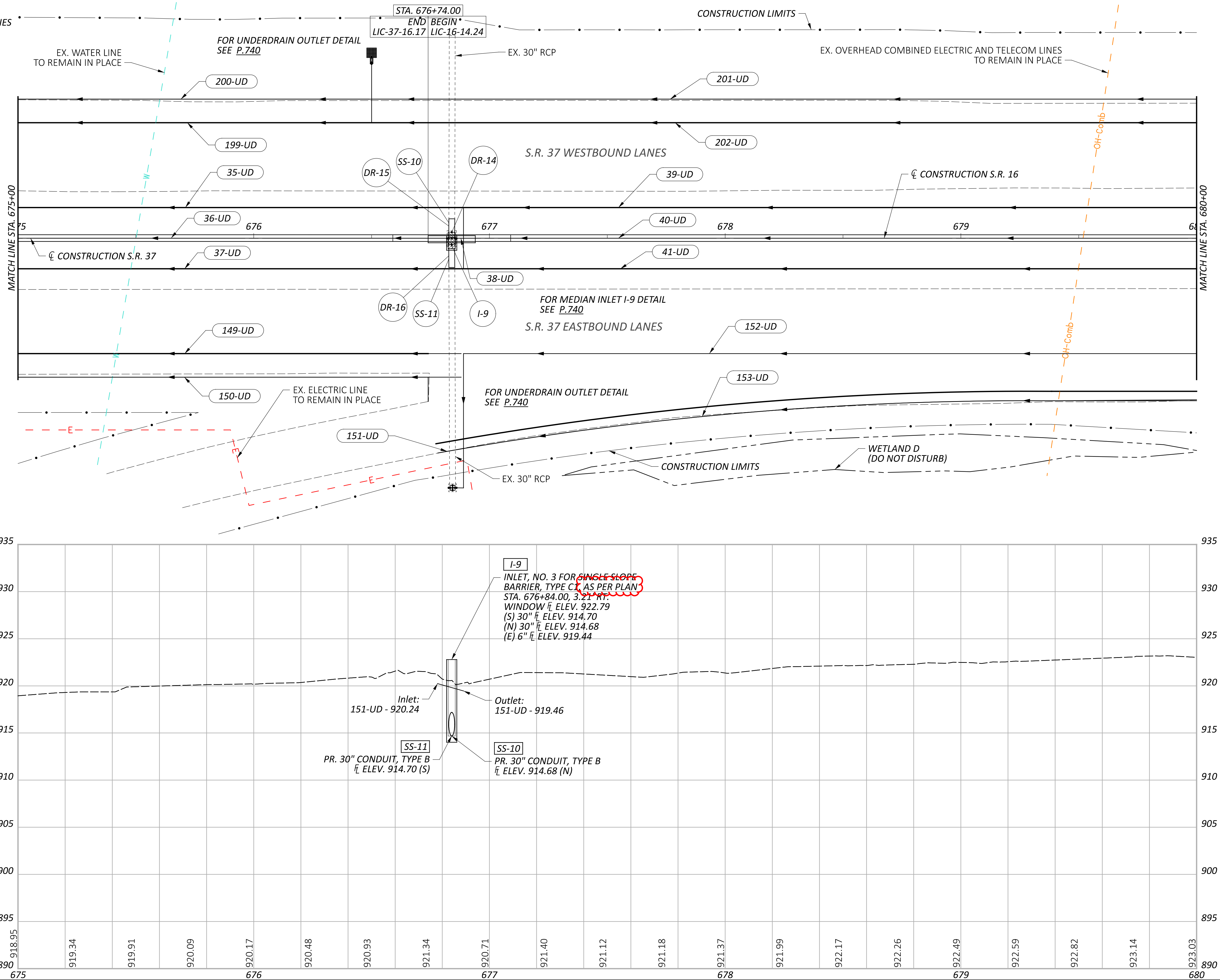
SHEET

P.701

TOTAL

895

CROSS REFERENCES:
UNDERDRAIN QUANTITIES
(SEE SHEET P.683)
DRAINAGE QUANTITIES
(SEE SHEET P.688)



DRAINAGE PLAN - S.R. 37/S.R. 16
STA. 675+00 - 680+00

DESIGN AGENCY



DESIGNER

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PROJECT ID

95447

SHEET

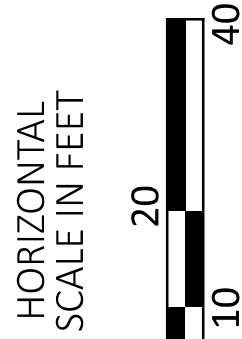
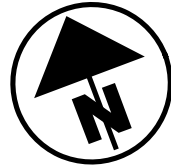
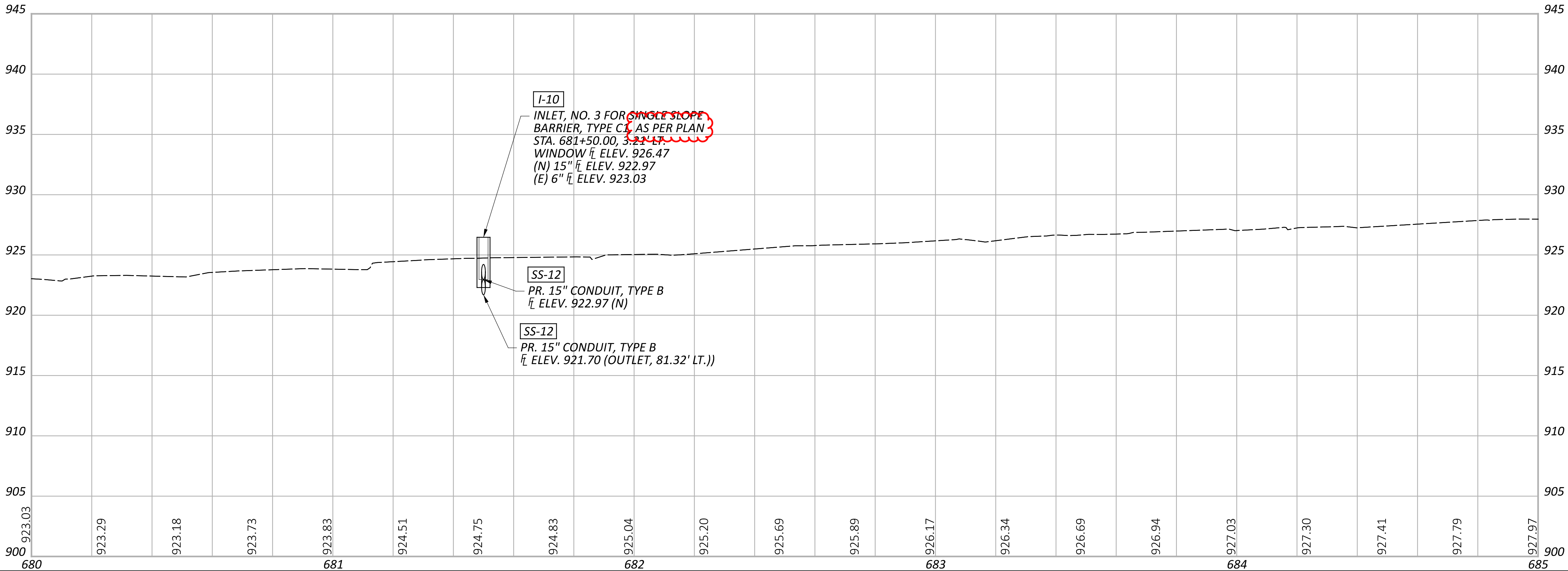
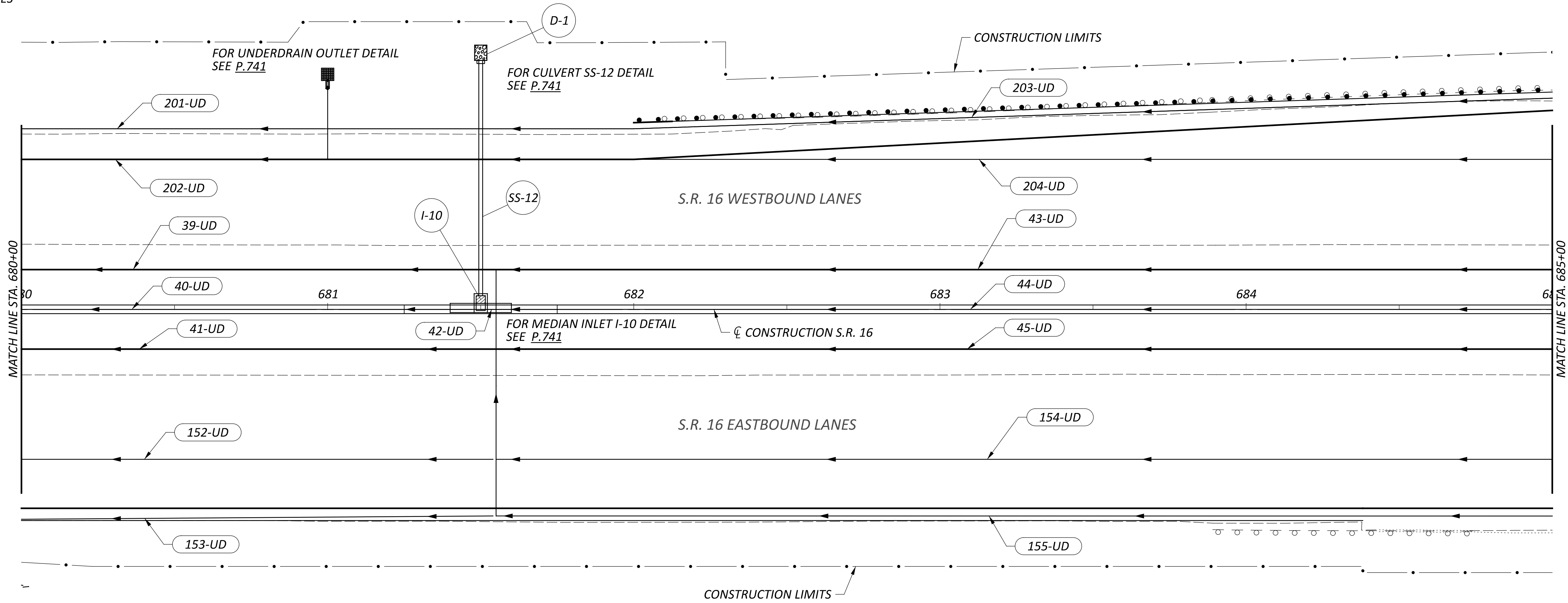
P.702

TOTAL

895

CROSS REFERENCES:

UNDERDRAIN QUANTITIES
(SEE SHEET P.683)
DRAINAGE QUANTITIES
(SEE SHEET P.688)



DRAINAGE PLAN - S.R. 16
STA. 680+00 - 685+00

DESIGN AGENCY



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PROJECT ID

95445

SHEET

P.703

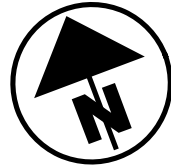
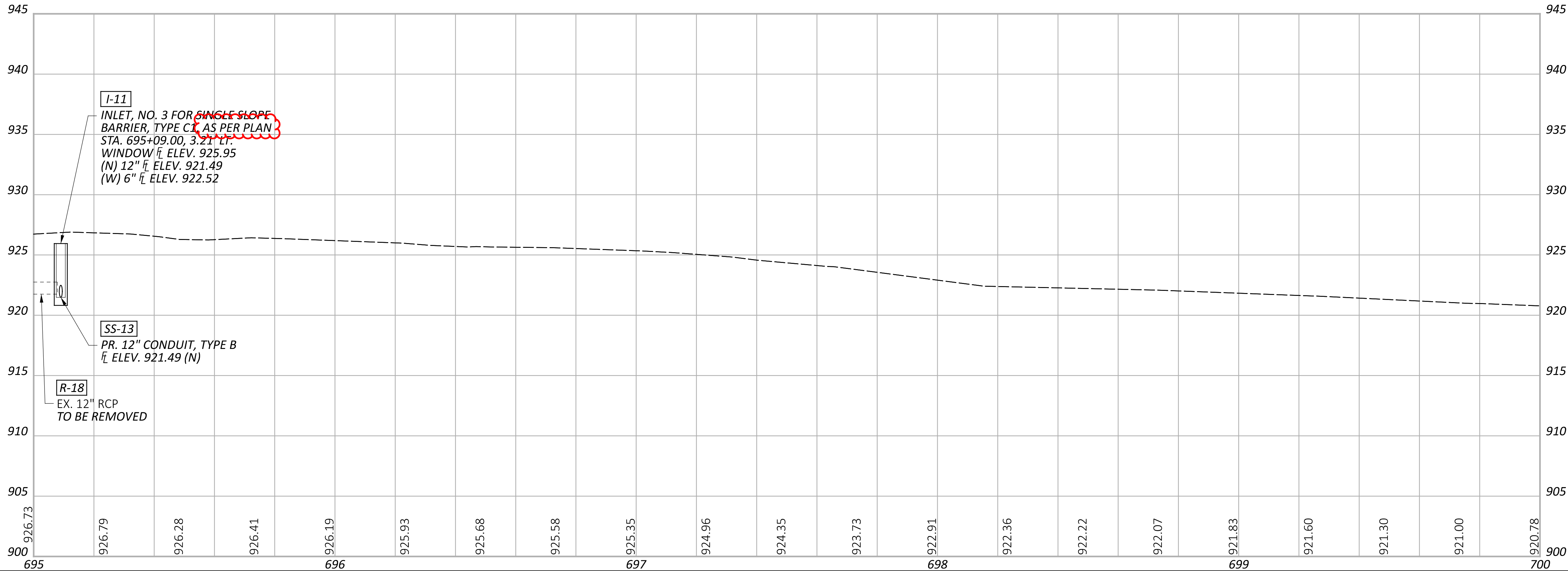
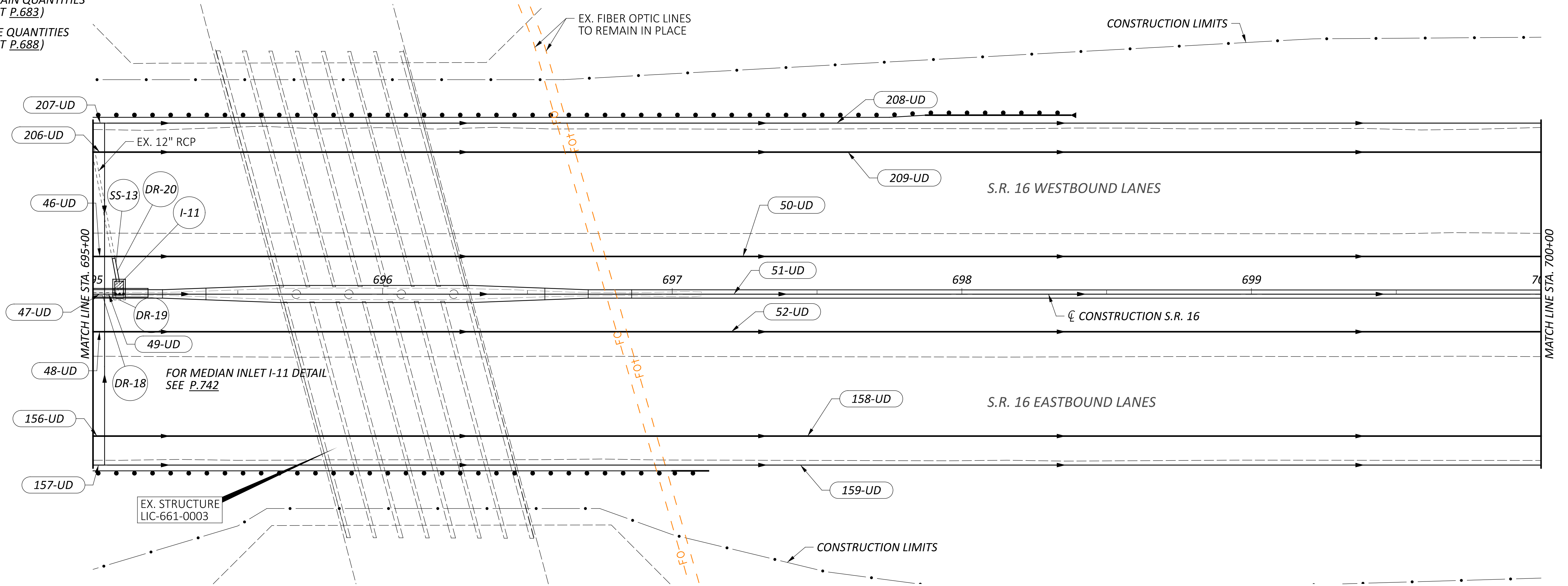
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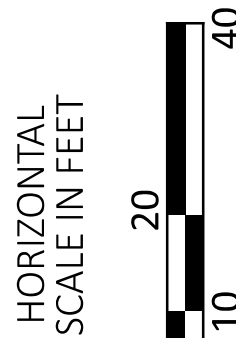
CROSS REFERENCES:

UNDERDRAIN QUANTITIES
(SEE SHEET P.683)

DRAINAGE QUANTITIES
(SEE SHEET P.688)



DRAINAGE PLAN - S.R. 16
STA. 695+00 - 700+00



DESIGN AGENCY



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CMY 09/05/25

PROJECT ID

95448

SHEET

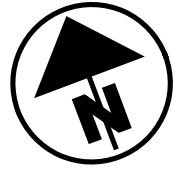
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*DRAINAGE QUANTITIES
(SEE SHEET P.688)*



HORIZONTAL
SCALE IN FEET

A horizontal scale bar with alternating black and white segments. The segments are labeled 0, 10, 20, and 40, indicating distances in feet.

DESIGN AGENCY



DESIGNER

BRH

REVIEWER

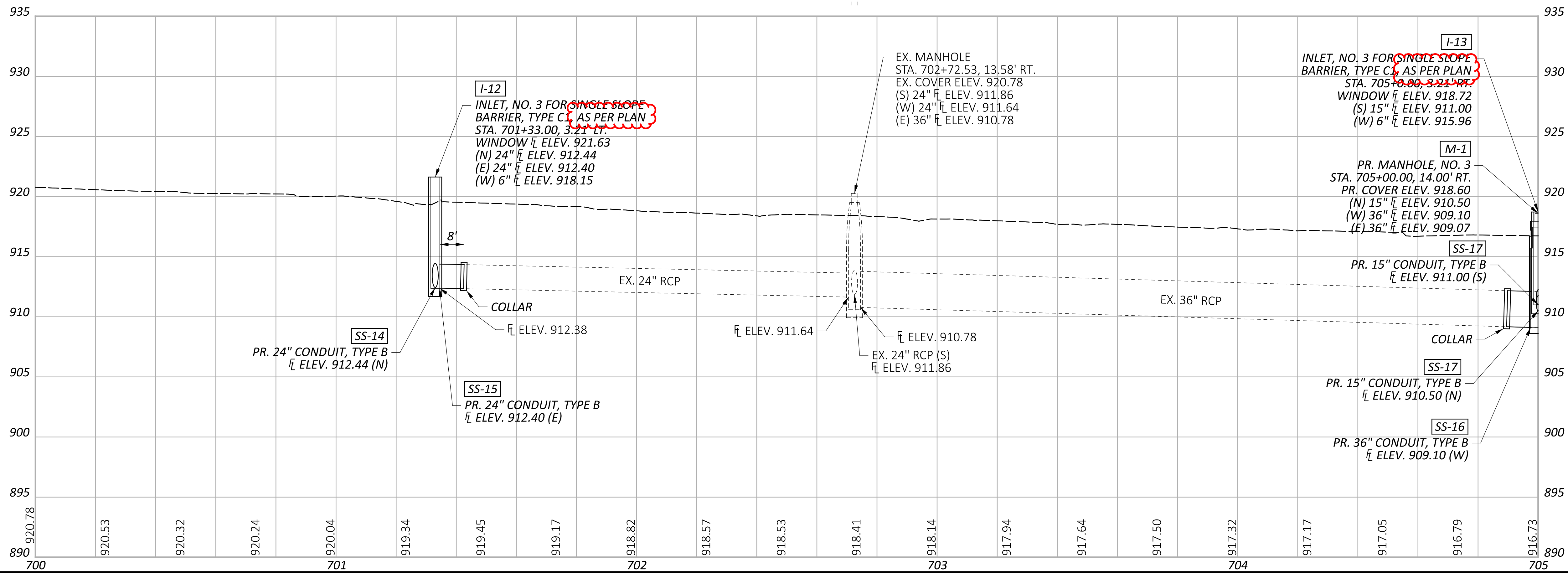
CMY 09/05/25

PROJECT ID

95445

SHEET	TOTAL
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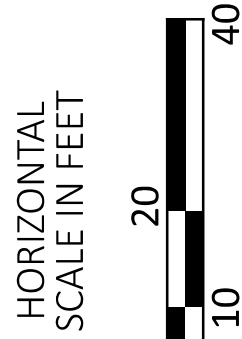
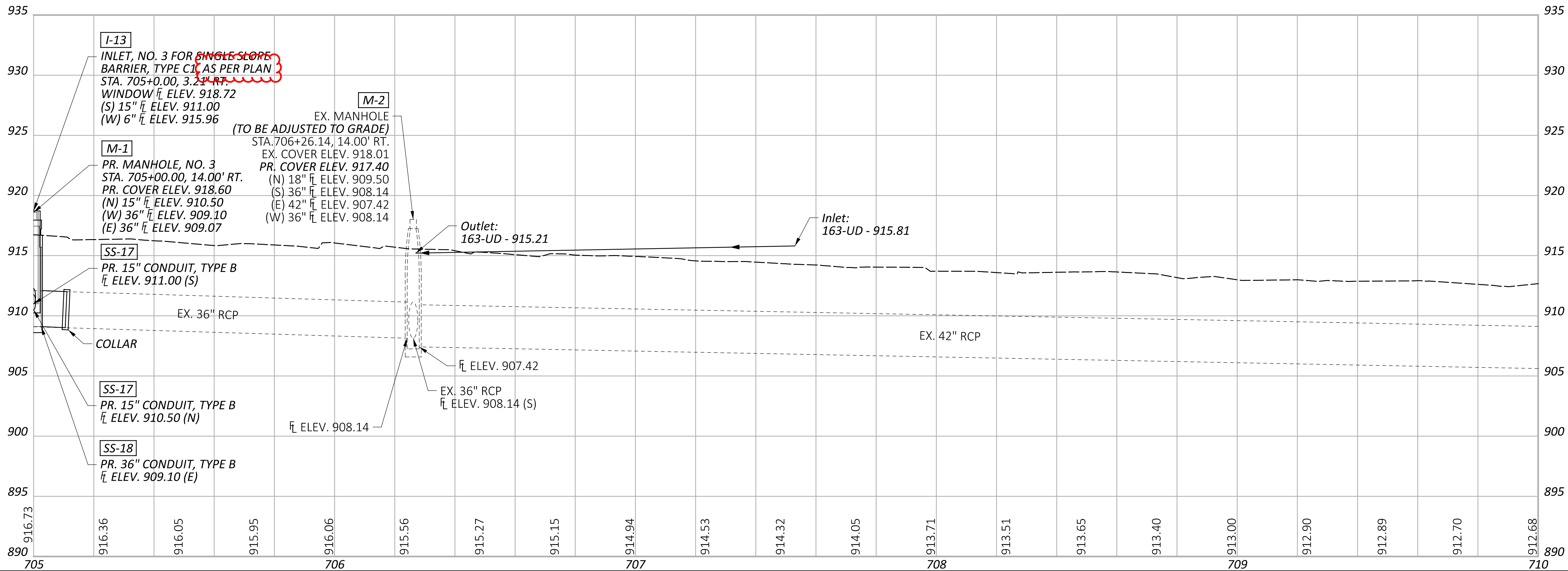
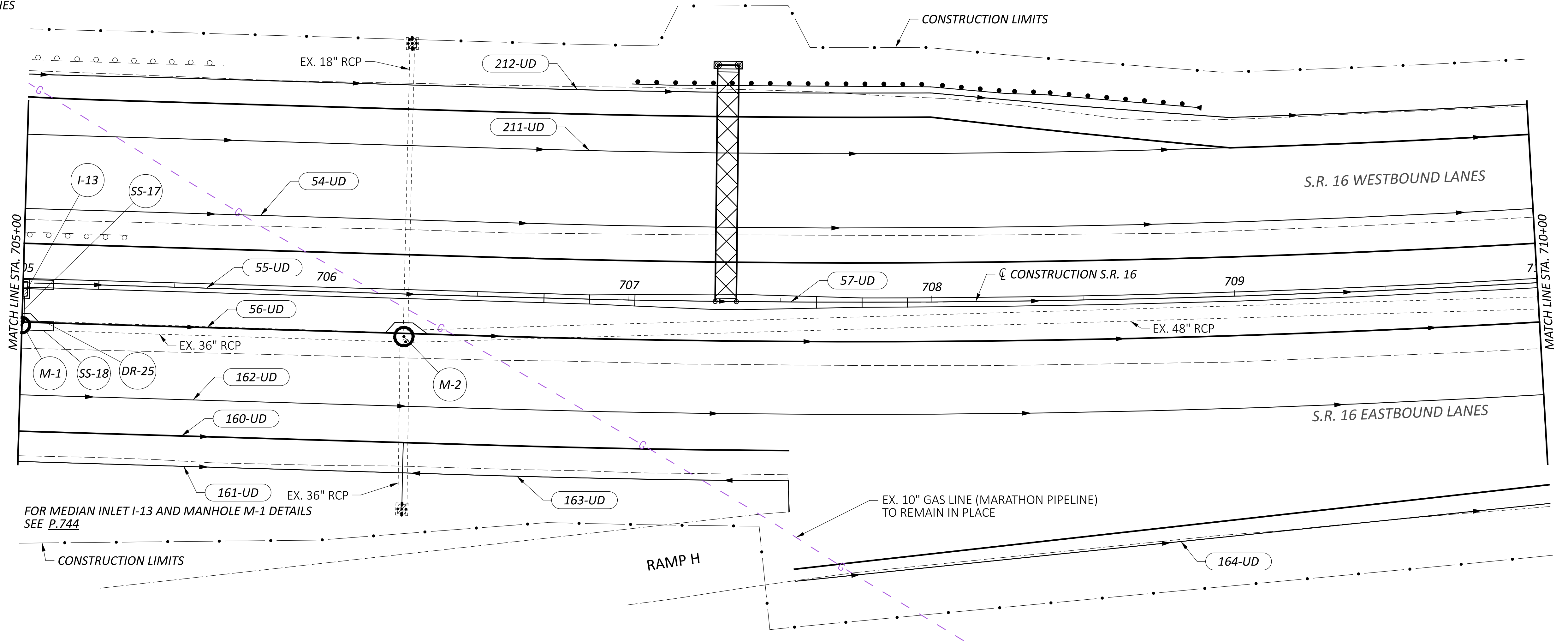
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CROSS REFERENCES:

UNDERDRAIN QUANTITIES
(SEE SHEET P.683)

DRAINAGE QUANTITIES
(SEE SHEET P.688)



DRAINAGE PLAN - S.R. 16
STA. 705+00 - 710+00

DESIGN AGENCY



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CMY 09/05/25

PROJECT ID

95445

SHEET

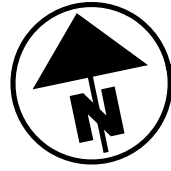
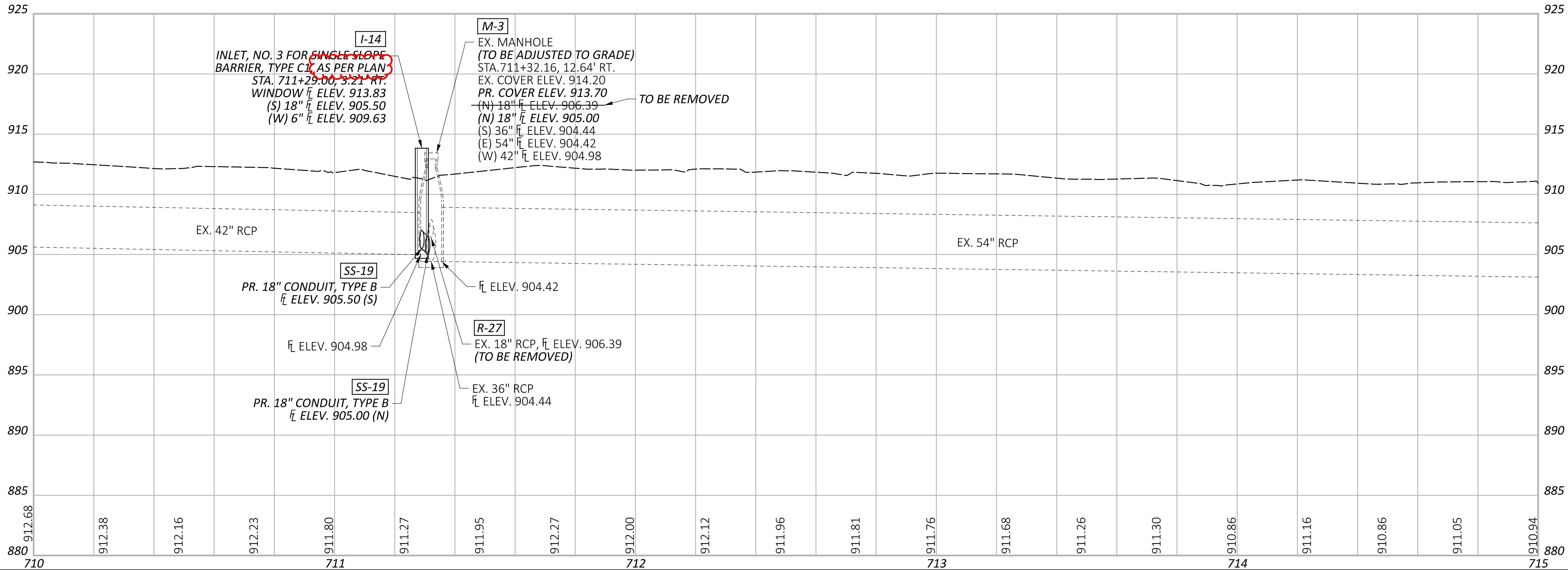
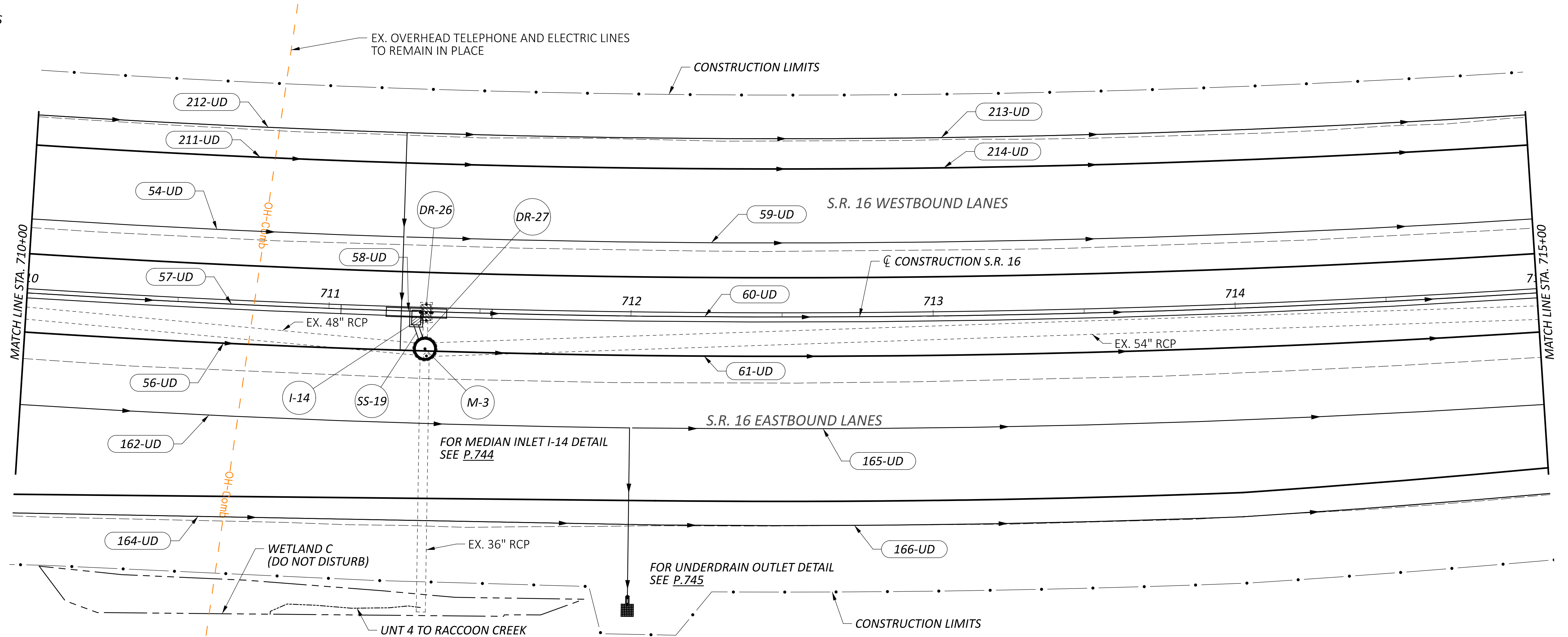
P.708

TOTAL

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CROSS REFERENCES:

UNDERDRAIN QUANTITIES
(SEE SHEET P.683)
DRAINAGE QUANTITIES
(SEE SHEET P.688)



DRAINAGE PLAN - S.R. 16
STA. 710+00 - 715+00

DESIGN AGENCY



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CMY 09/05/25

PROJECT ID

95445

SHEET

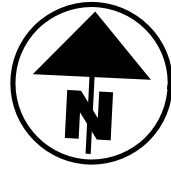
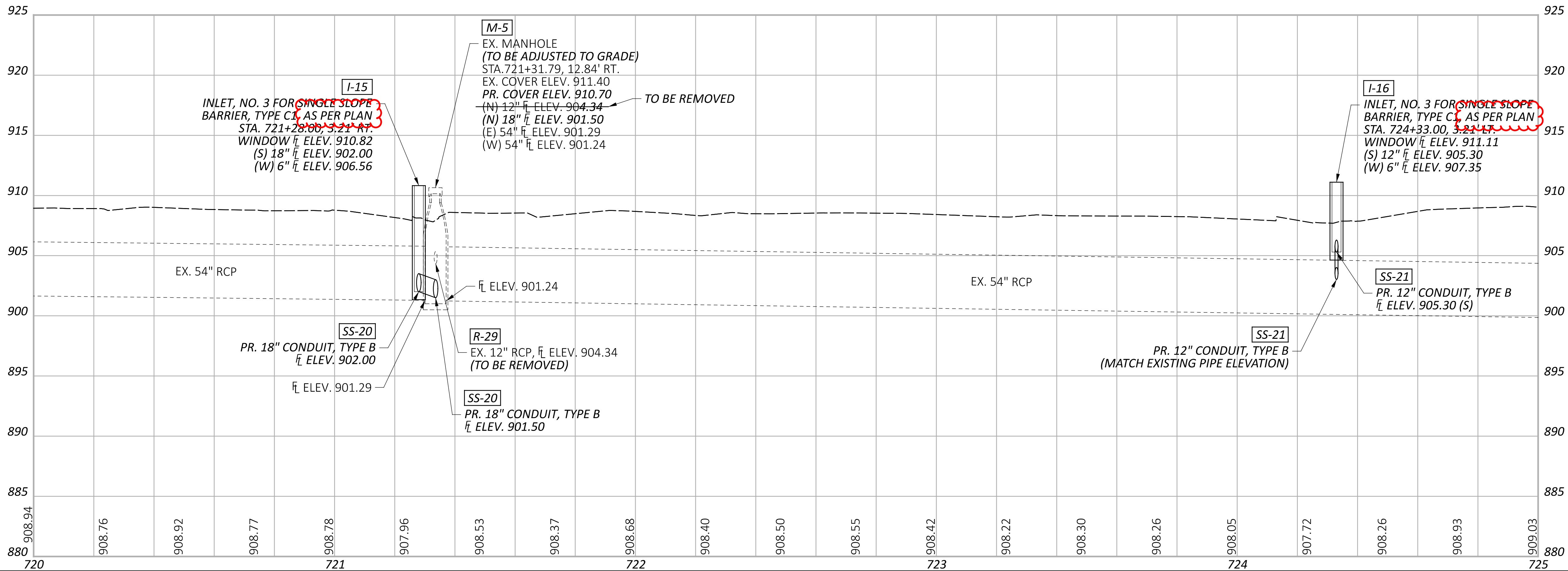
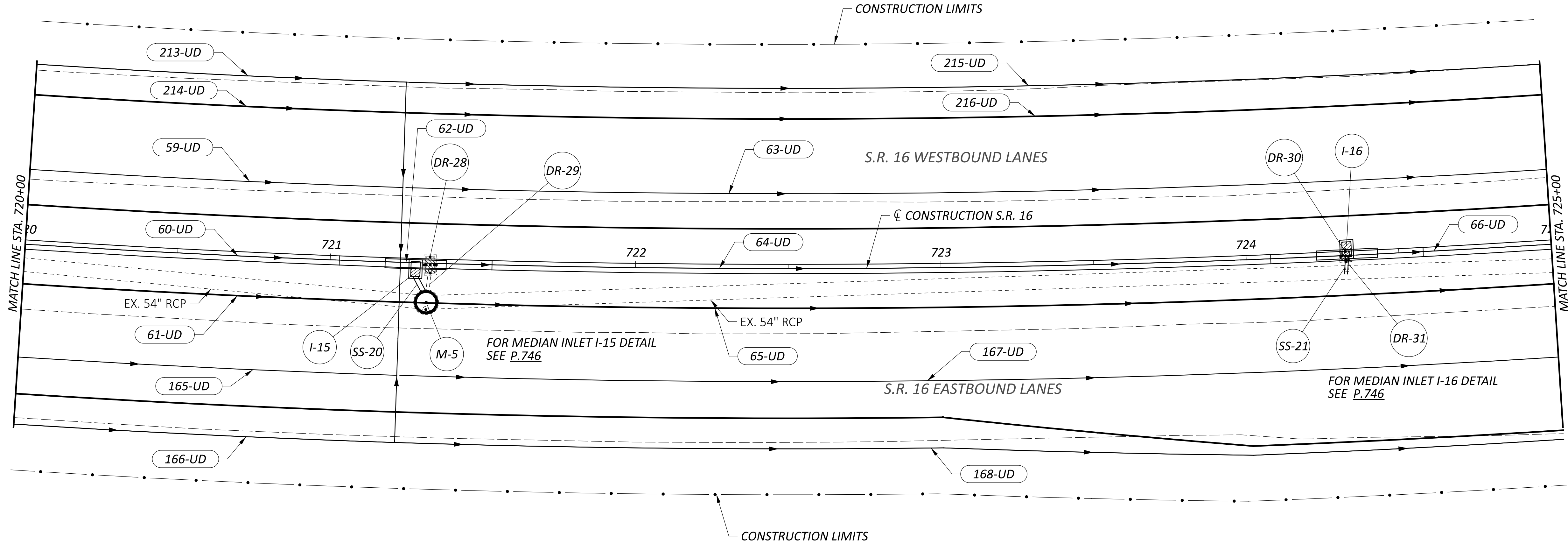
P.709

TOTAL

895

CROSS REFERENCES:

UNDERDRAIN QUANTITIES
(SEE SHEET P.683)
DRAINAGE QUANTITIES
(SEE SHEET P.688)



DRAINAGE PLAN - S.R. 16
STA. 720+00 - 725+00

DESIGN AGENCY



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PROJECT ID

95445

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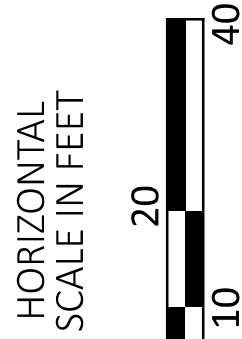
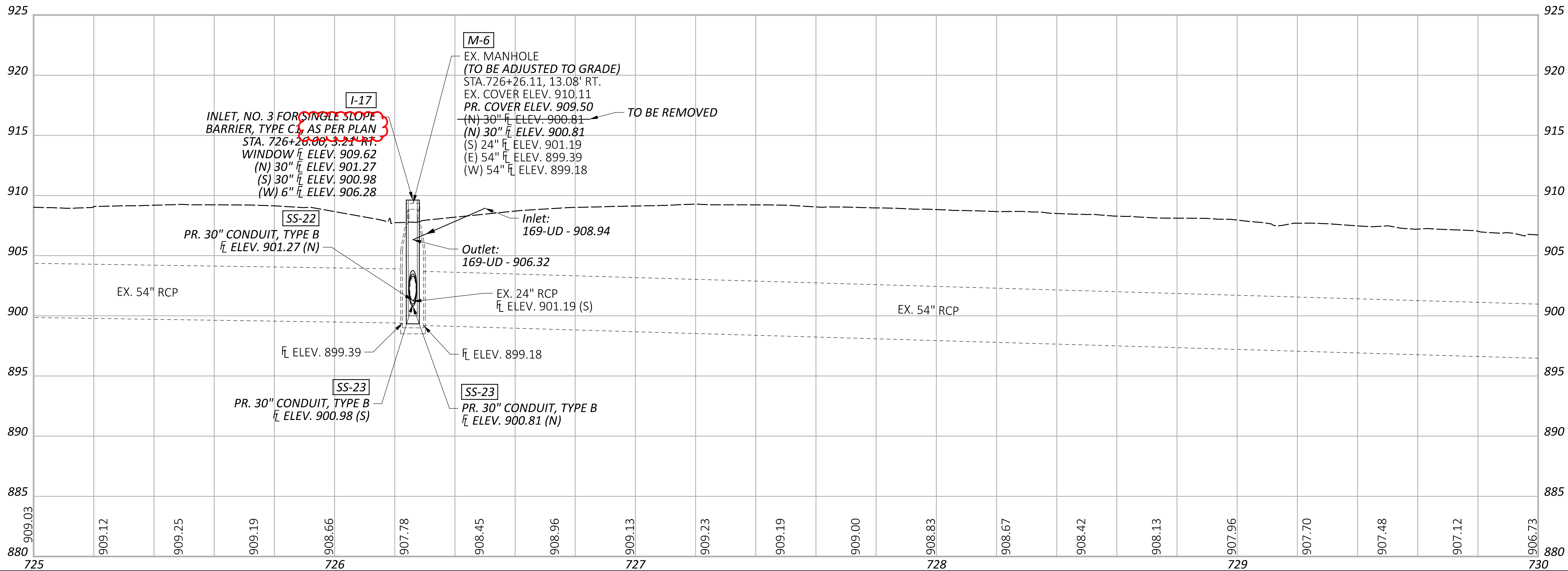
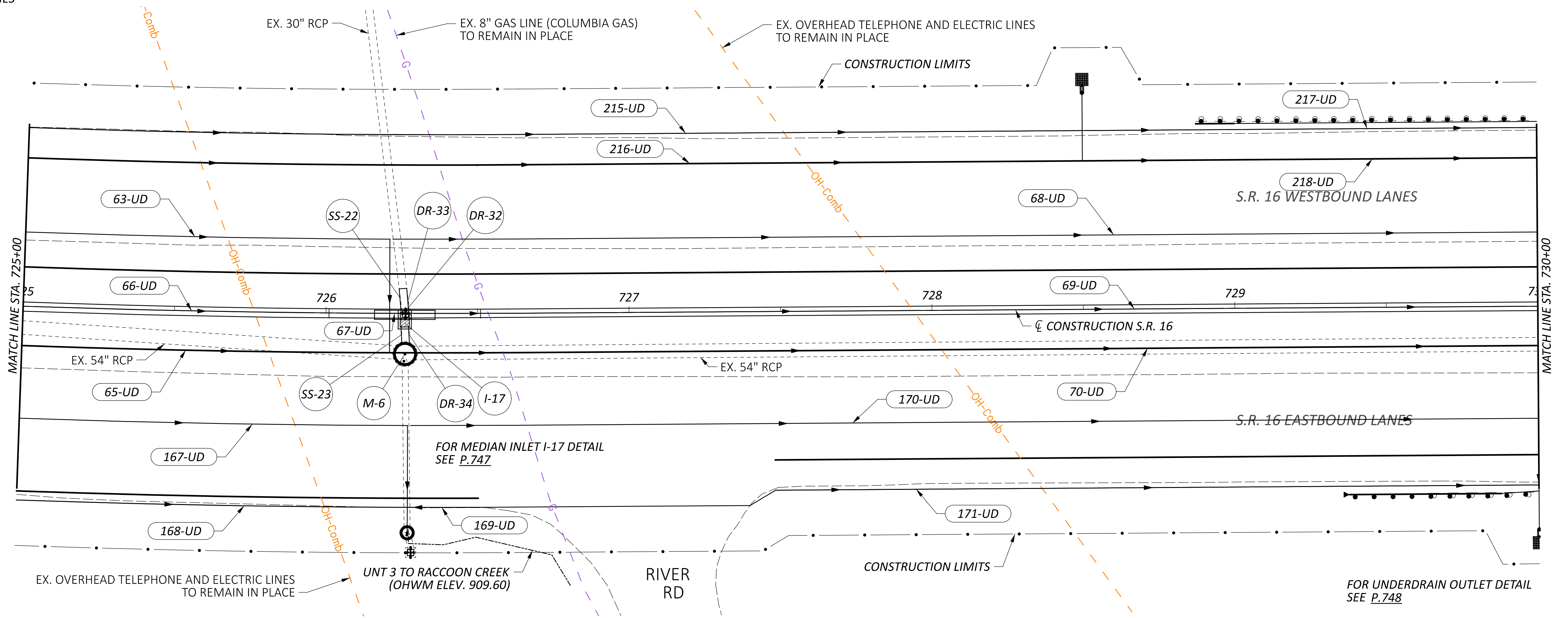
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TOTAL

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CROSS REFERENCES:

UNDERDRAIN QUANTITIES
(SEE SHEET P.683)
DRAINAGE QUANTITIES
(SEE SHEET P.688)



DRAINAGE PLAN - S.R. 16
STA. 725+00 - 730+00

DESIGN AGENCY



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REVIEWER

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PROJECT ID

95445

SHEET

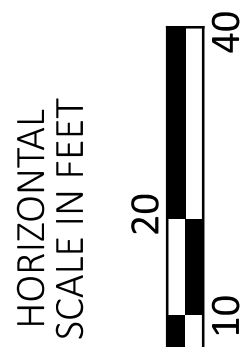
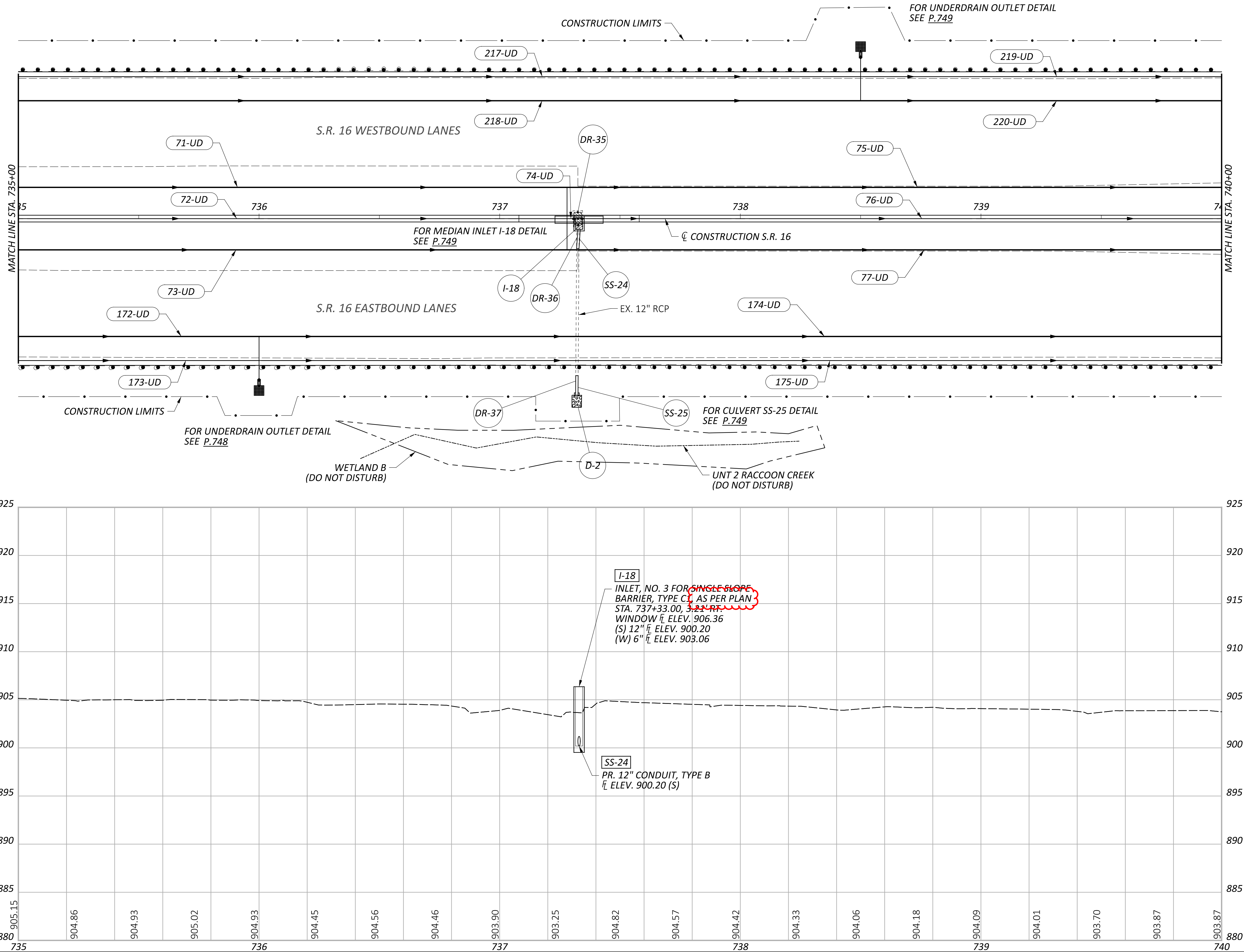
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TOTAL

895

CROSS REFERENCES:

UNDERDRAIN QUANTITIES
(SEE SHEET P.683)
DRAINAGE QUANTITIES
(SEE SHEET P.688)



DRAINAGE PLAN - S.R. 16
STA. 735+00 - 740+00

DESIGN AGENCY



DESIGNER

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REVIEWER

CMY 09/05/25

PROJECT ID

95450

SHEET

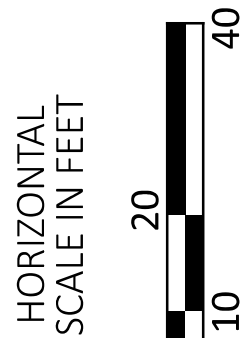
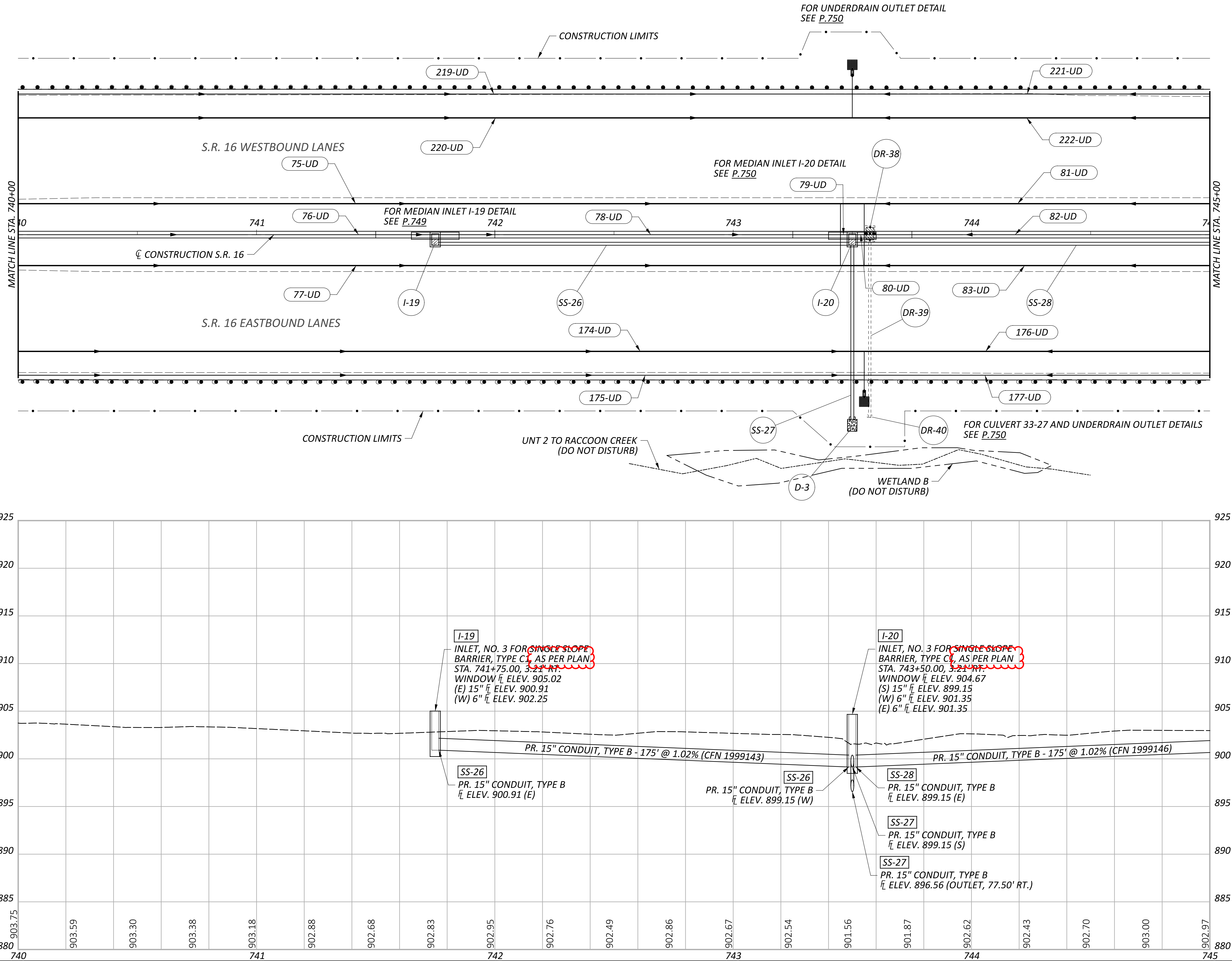
P.714

TOTAL

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CROSS REFERENCES:

UNDERDRAIN QUANTITIES
(SEE SHEET P.683)
DRAINAGE QUANTITIES
(SEE SHEET P.688)



DRAINAGE PLAN - S.R. 16
STA. 740+00 - 745+00

DESIGN AGENCY



DESIGNER

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PROJECT ID

95445

SHEET

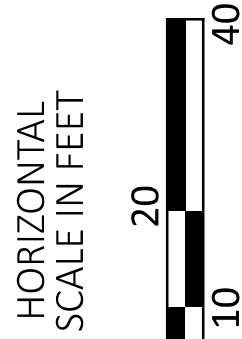
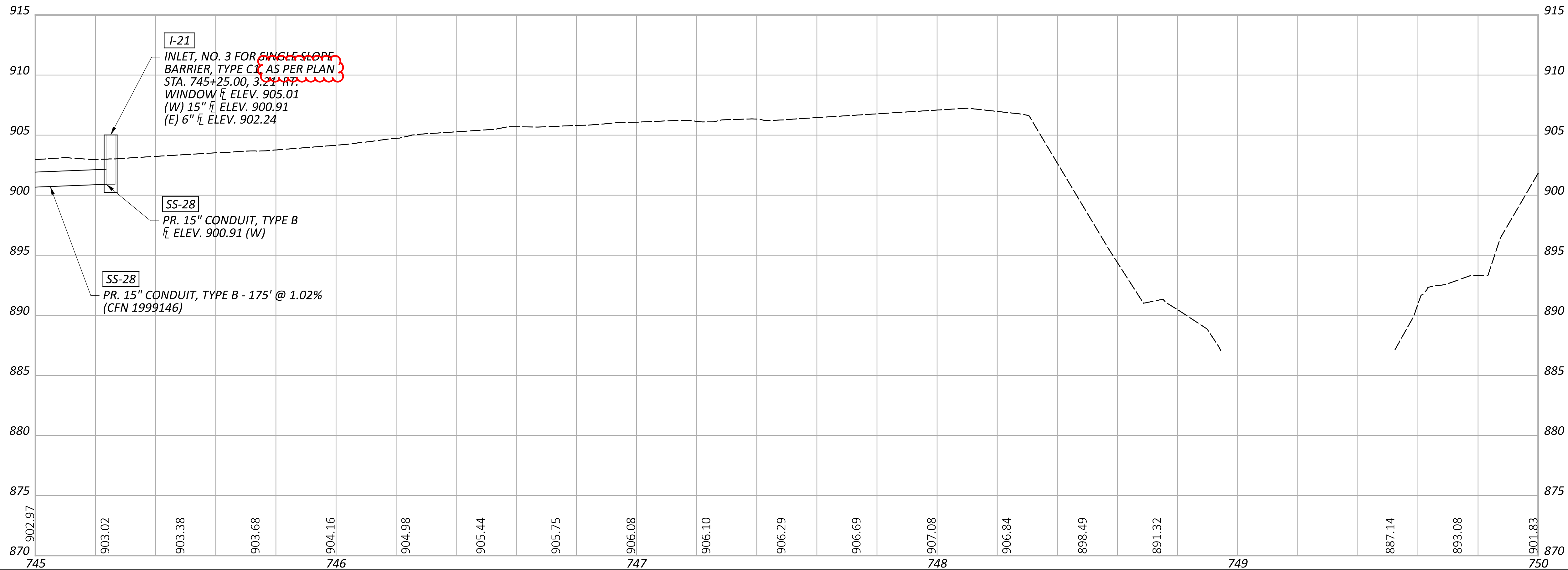
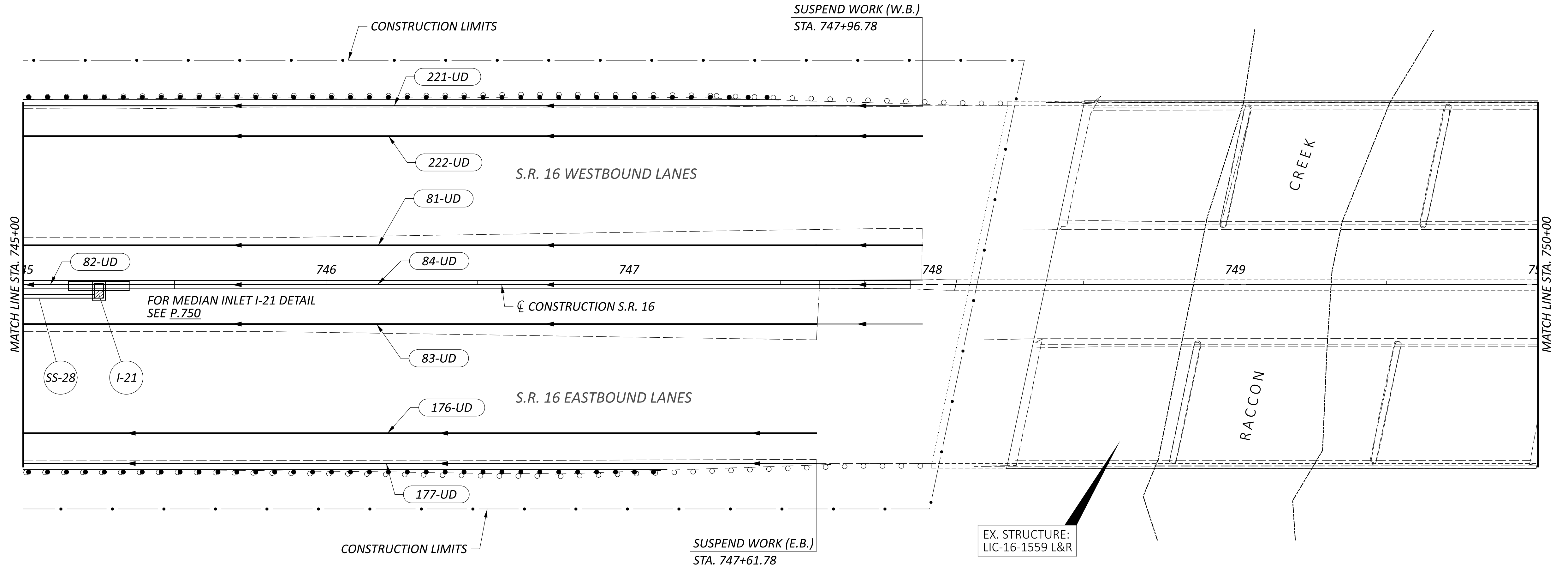
P.715

TOTAL

895

CROSS REFERENCES:

UNDERDRAIN QUANTITIES
(SEE SHEET P.683)
DRAINAGE QUANTITIES
(SEE SHEET P.688)



DRAINAGE PLAN - S.R. 16
STA. 745+00 - 750+00

DESIGN AGENCY



DESIGNER

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PROJECT ID

95445

SHEET

P.716

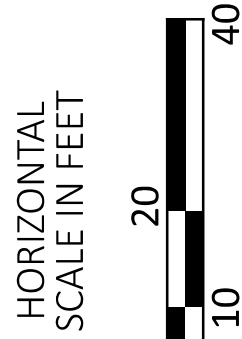
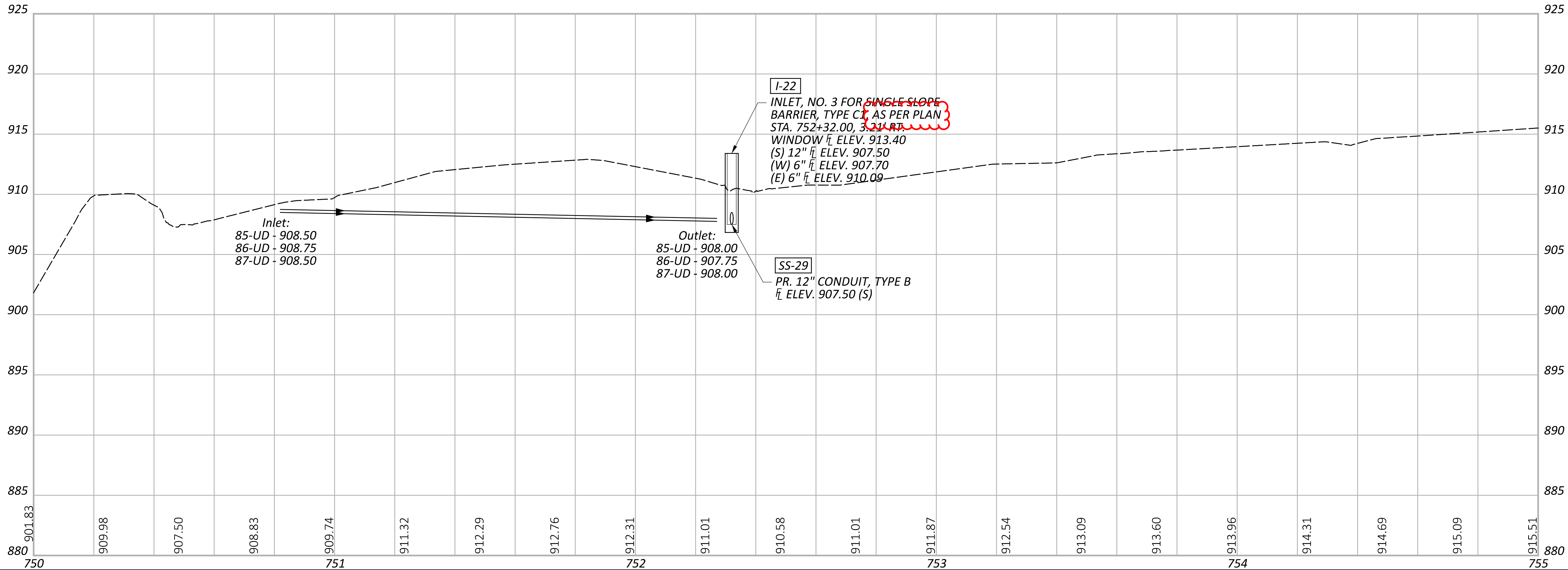
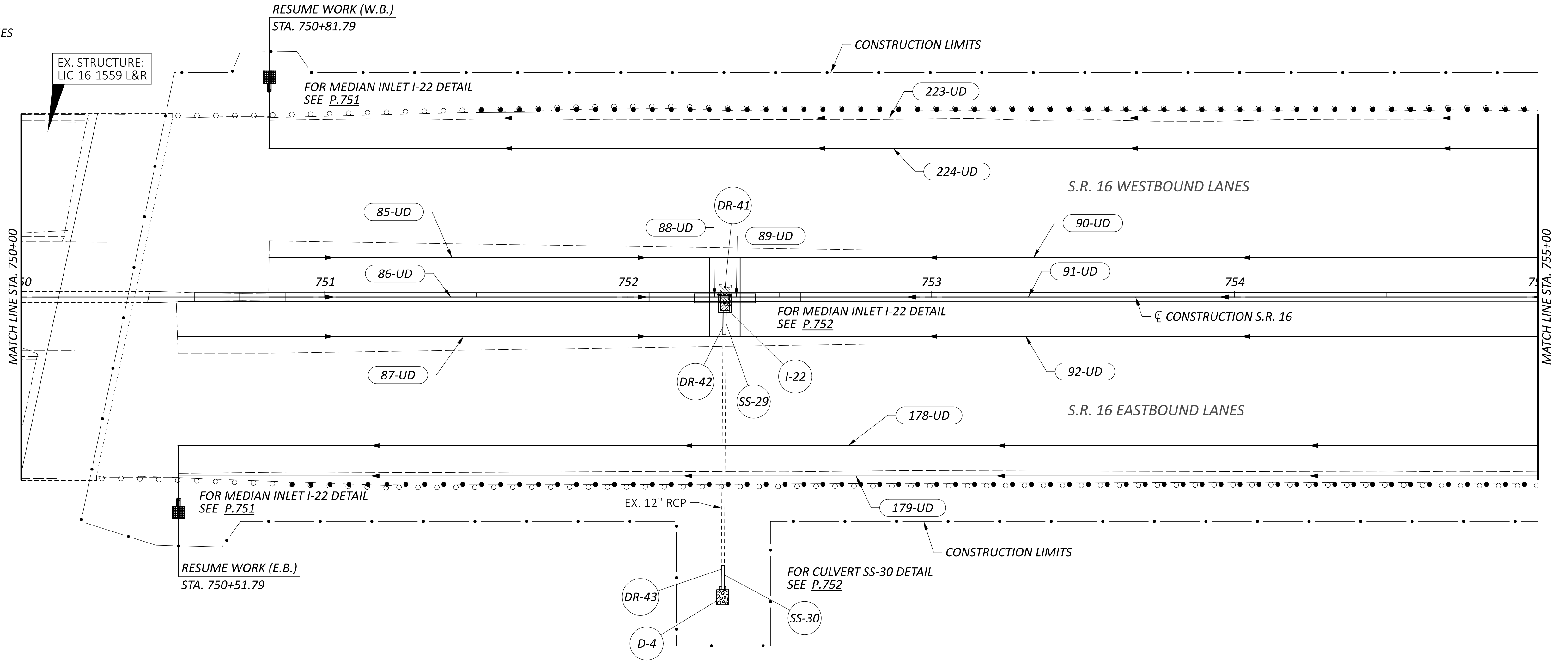
TOTAL

895

CROSS REFERENCES:

UNDERDRAIN QUANTITIES
(SEE SHEET P.683)

DRAINAGE QUANTITIES
(SEE SHEET P.688)



DRAINAGE PLAN - S.R. 16
STA. 750+00 - 755+00

DESIGN AGENCY



DESIGNER

BRH

REVIEWER

CMY 09/05/25

PROJECT ID

95445

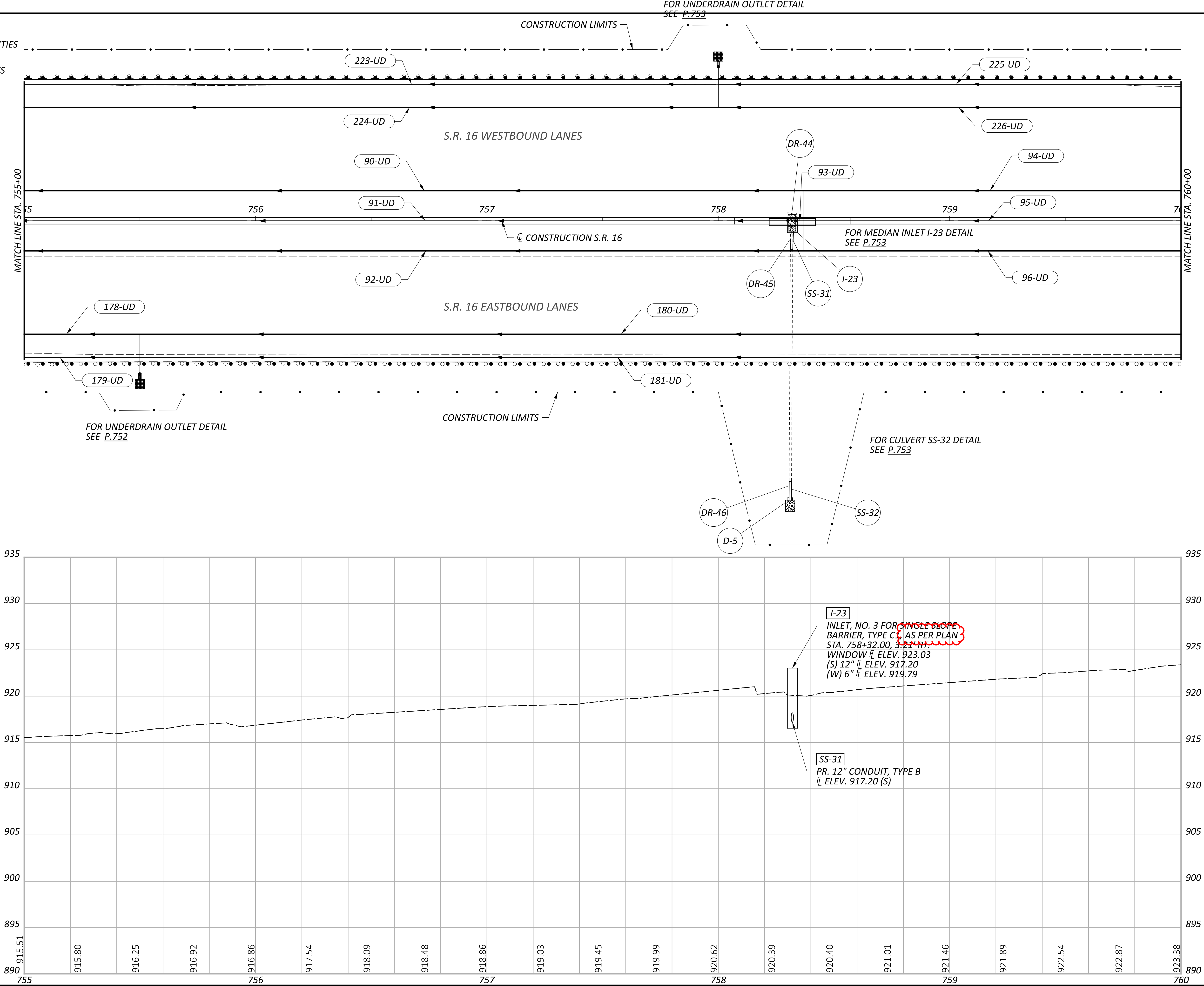
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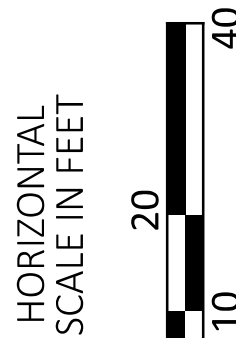
TOTAL

895

CROSS REFERENCES:
UNDERDRAIN QUANTITIES
(SEE SHEET P.683)
DRAINAGE QUANTITIES
(SEE SHEET P.688)



DRAINAGE PLAN - S.R. 16
STA. 755+00 - 760+00



DESIGN AGENCY



DESIGNER

BRH

REVIEWER

CMY 09/05/25

PROJECT ID

95451

SHEET

P.718

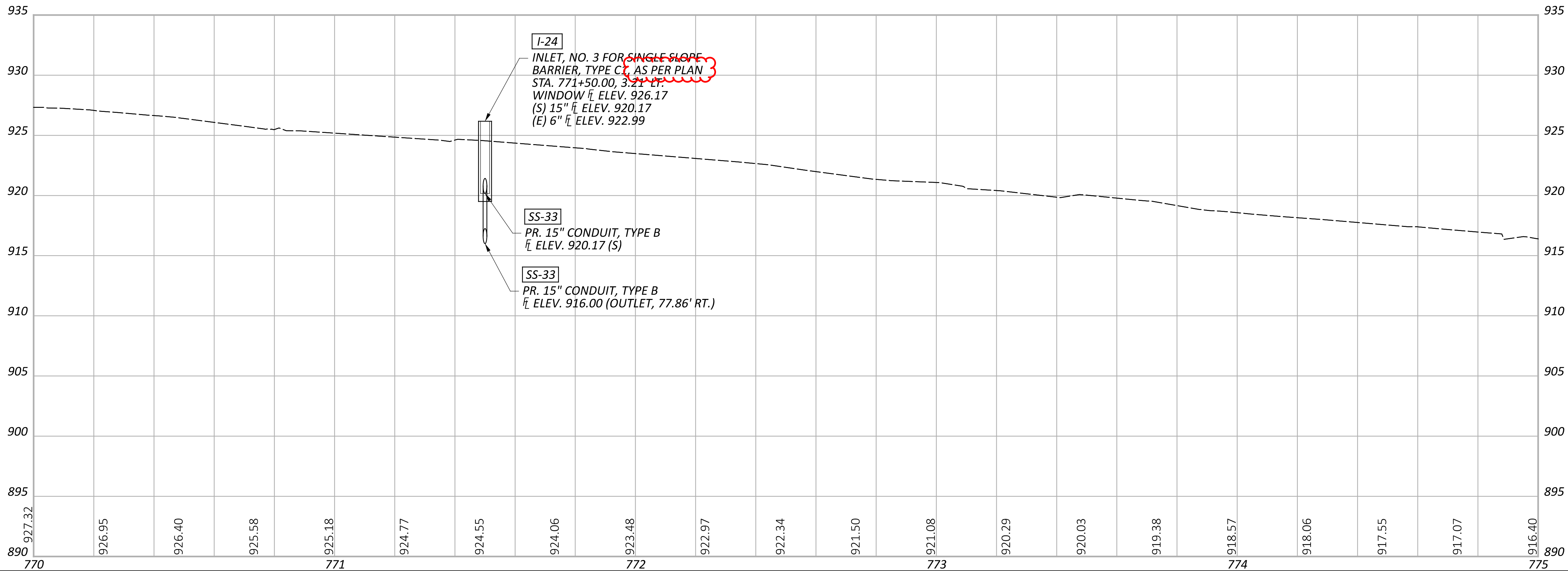
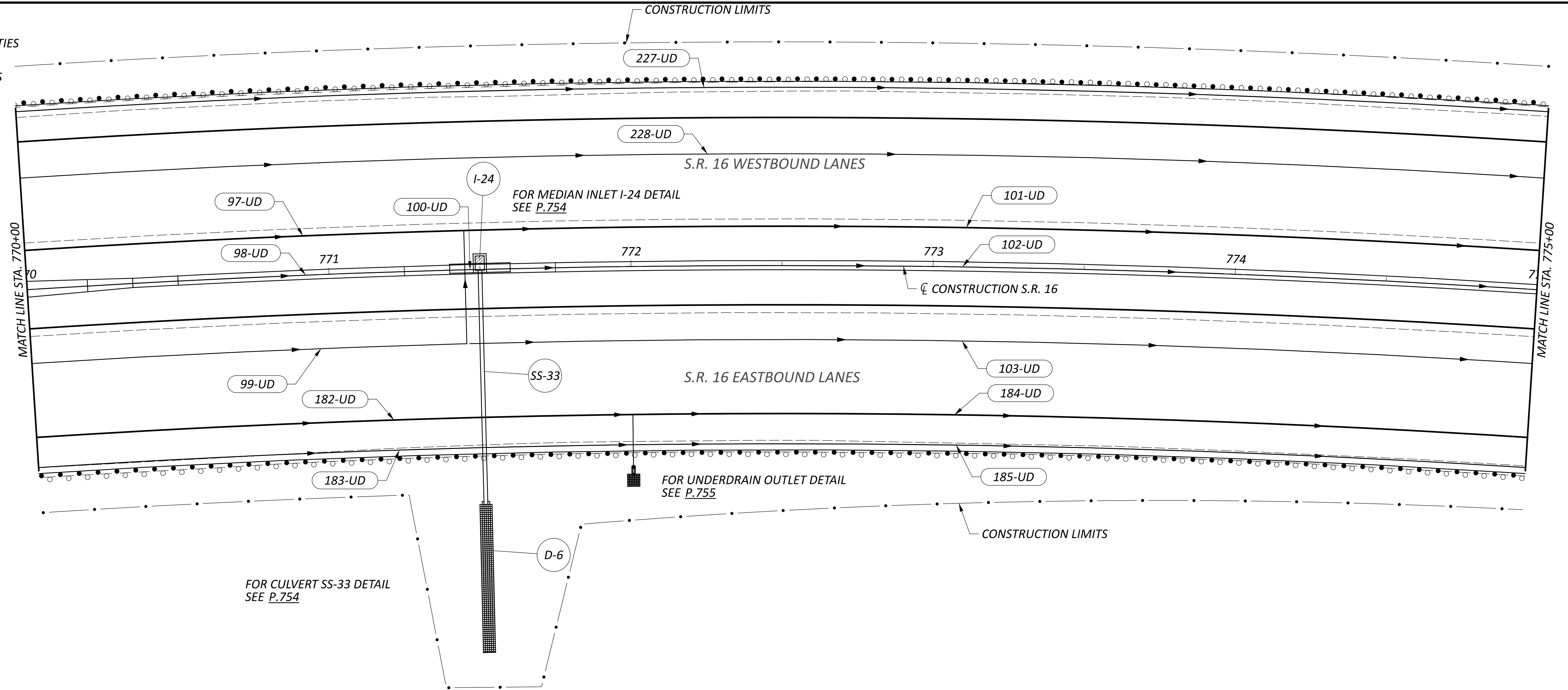
TOTAL

895

CROSS REFERENCES:

UNDERDRAIN QUANTITIES
(SEE SHEET P.683)

DRAINAGE QUANTITIES
(SEE SHEET P.688)



DRAINAGE PLAN - S.R. 16
STA. 770+00 - 775+00

DESIGN AGENCY



DESIGNER

BRH

REVIEWER

CMY 09/05/25

PROJECT ID

95445

SHEET

P.721

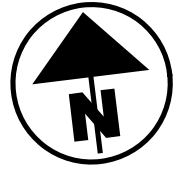
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UNDERDRAIN QUANTITIES
(SEE SHEET P.683)

DRAINAGE QUANTITIES
(SEE SHEET P.688)



HORIZONTAL
SCALE IN FEET

A horizontal scale bar with alternating black and white segments. The segments are labeled 0, 10, 20, and 40, indicating distances in feet.

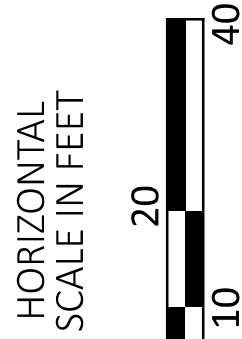
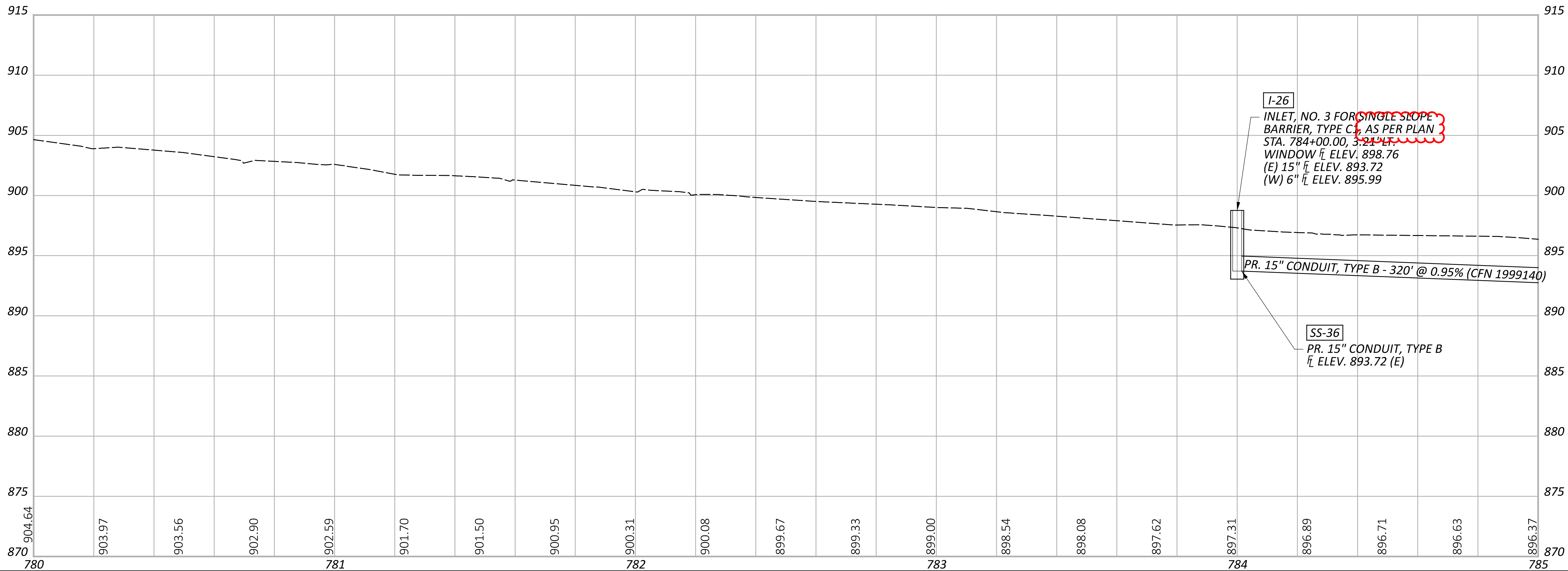
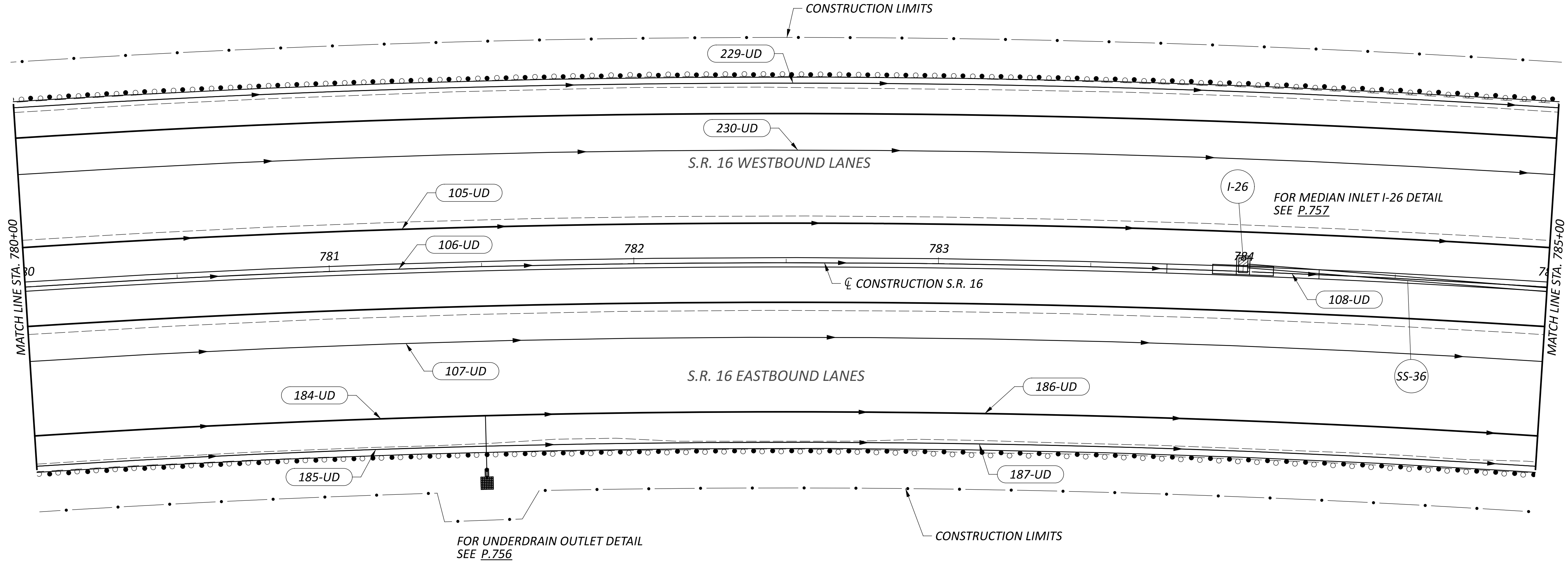
DESIGN AGENCY



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REVIEWER	
CMY 09/05/25	
PROJECT ID	
95452	
SHEET	TOTAL
P.722	895

CROSS REFERENCES:

UNDERDRAIN QUANTITIES
(SEE SHEET P.683)
DRAINAGE QUANTITIES
(SEE SHEET P.688)



DRAINAGE PLAN - S.R. 16
STA. 780+00 - 785+00

DESIGN AGENCY



DESIGNER

BRH

REVIEWER

CMY 09/05/25

PROJECT ID

95445

SHEET

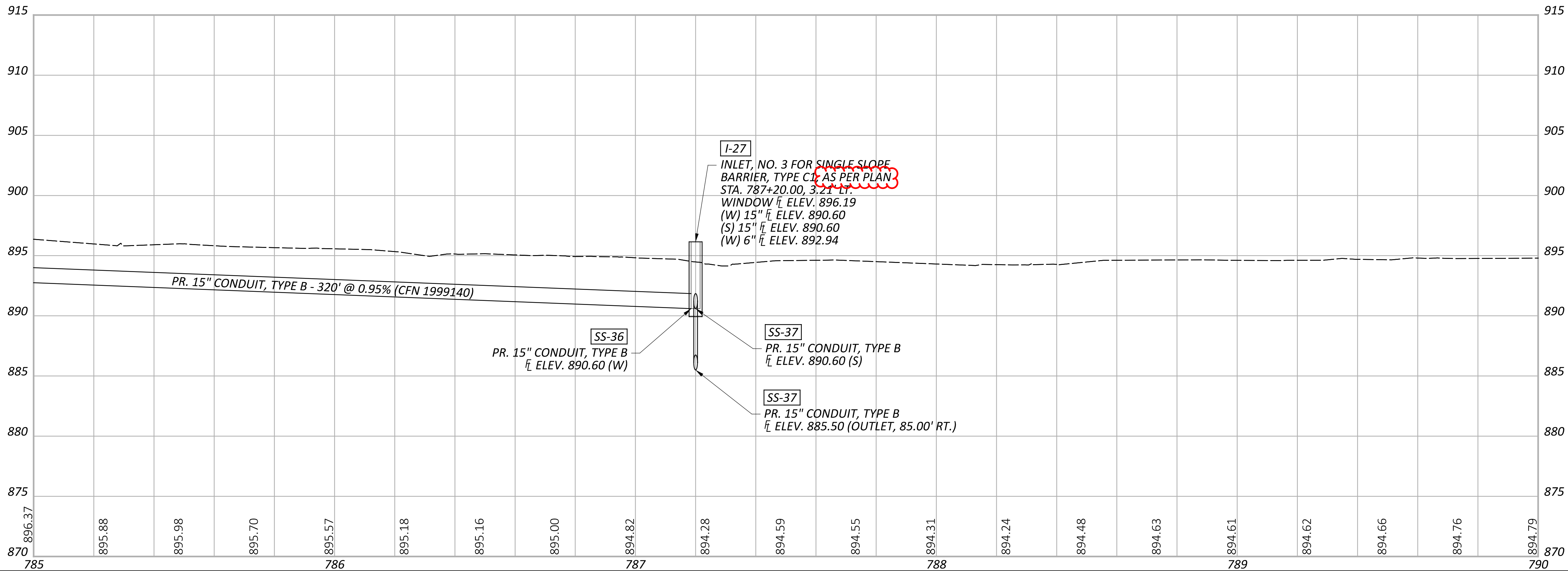
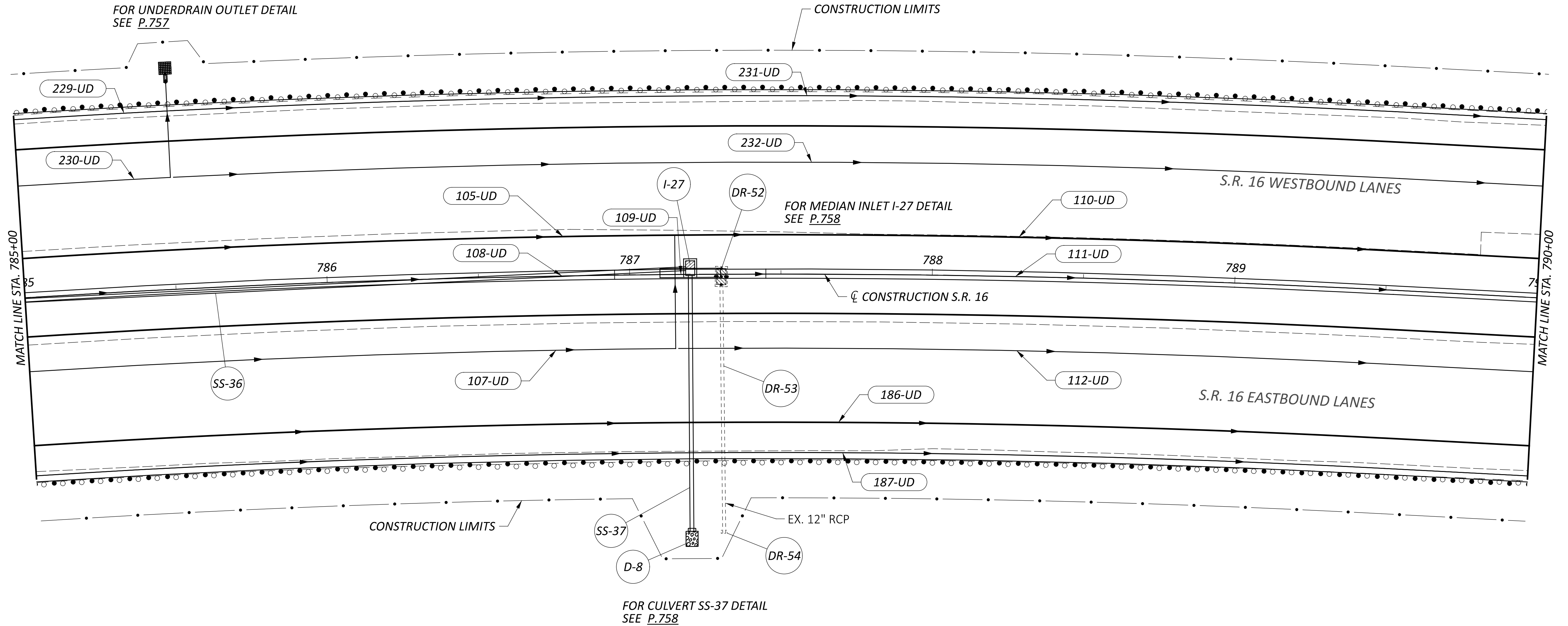
P.723

TOTAL

895

CROSS REFERENCES:

UNDERDRAIN QUANTITIES
(SEE SHEET P.683)
DRAINAGE QUANTITIES
(SEE SHEET P.688)



DRAINAGE PLAN - S.R. 16
STA. 785+00 - 790+00

DESIGN AGENCY



DESIGNER

BRH

REVIEWER

CMY 09/05/25

PROJECT ID

95445

SHEET

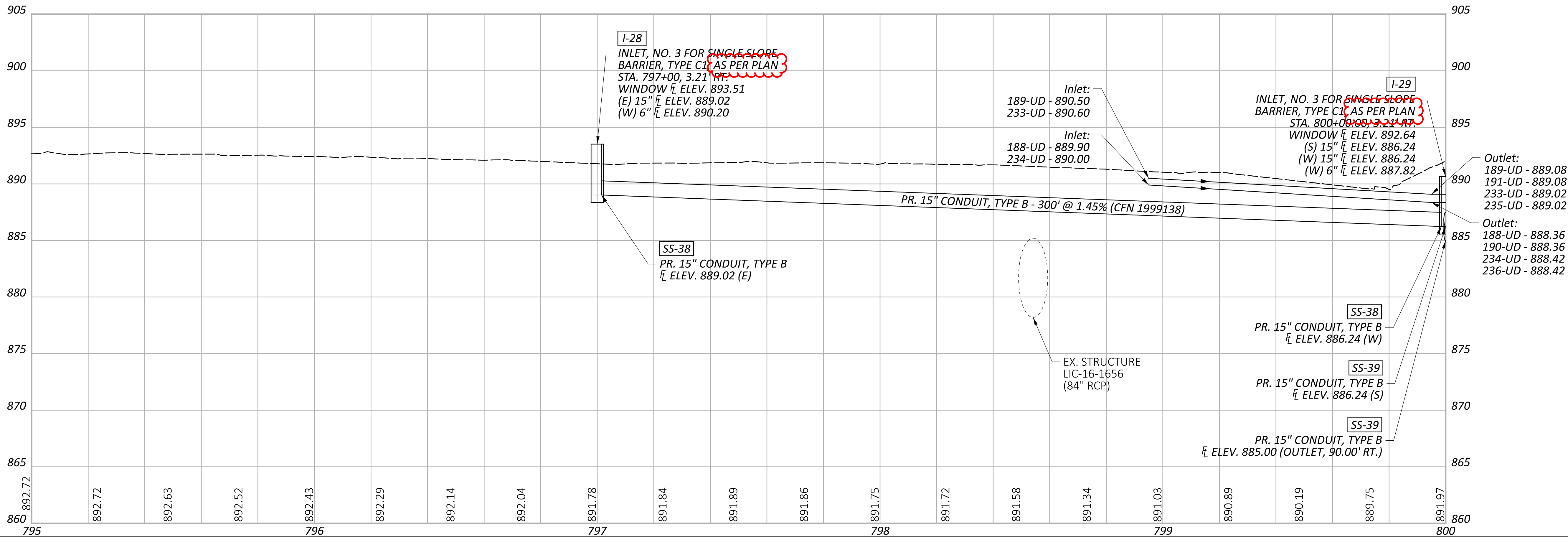
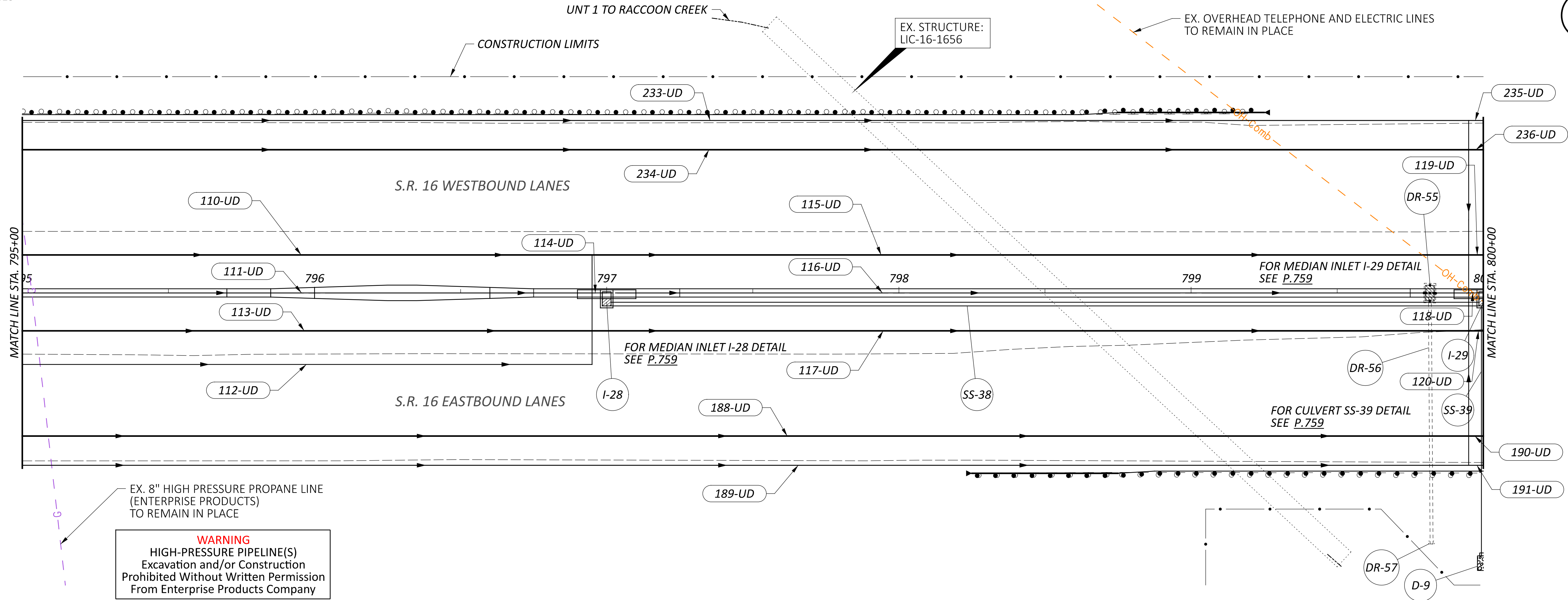
P.724

TOTAL

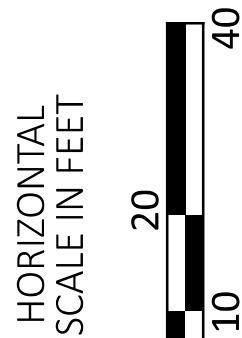
895

CROSS REFERENCES:

UNDERDRAIN QUANTITIES
(SEE SHEET P.683)
DRAINAGE QUANTITIES
(SEE SHEET P.688)



DRAINAGE PLAN - S.R. 16
STA. 795+00 - 800+00



DESIGN AGENCY



DESIGNER

BRH

REVIEWER

CMY 09/05/25

PROJECT ID

95453

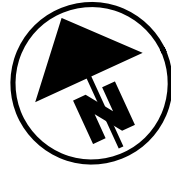
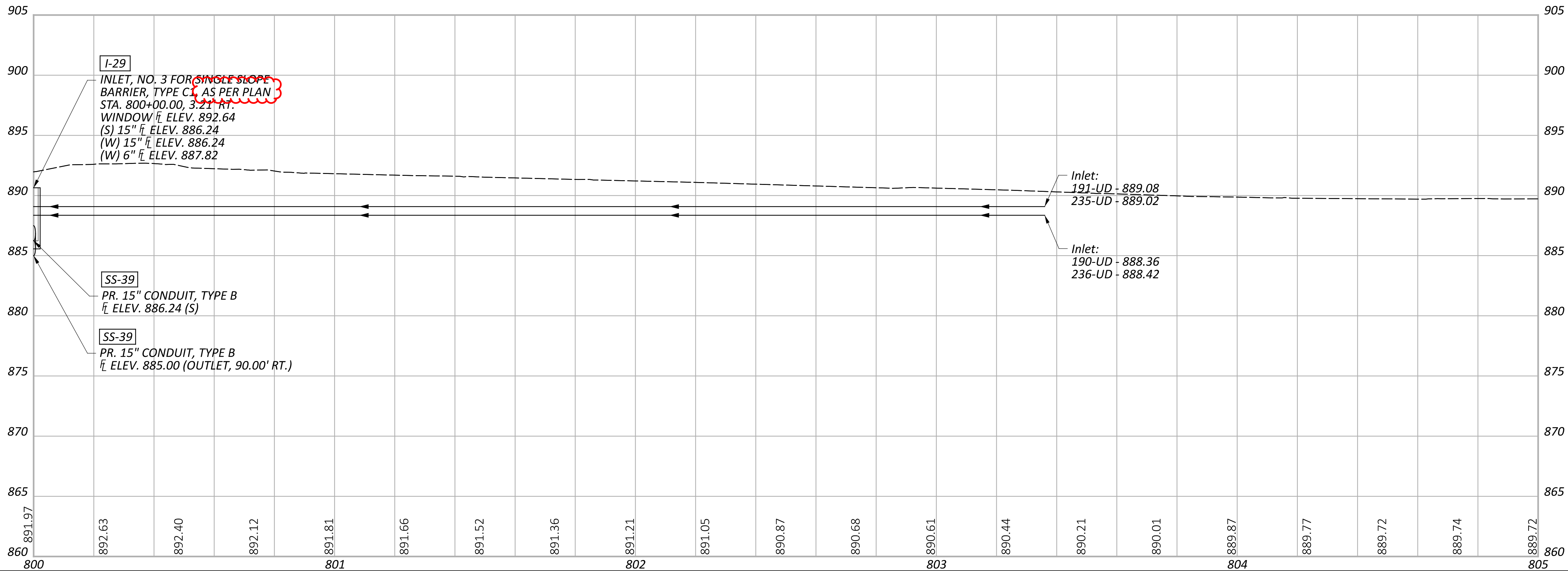
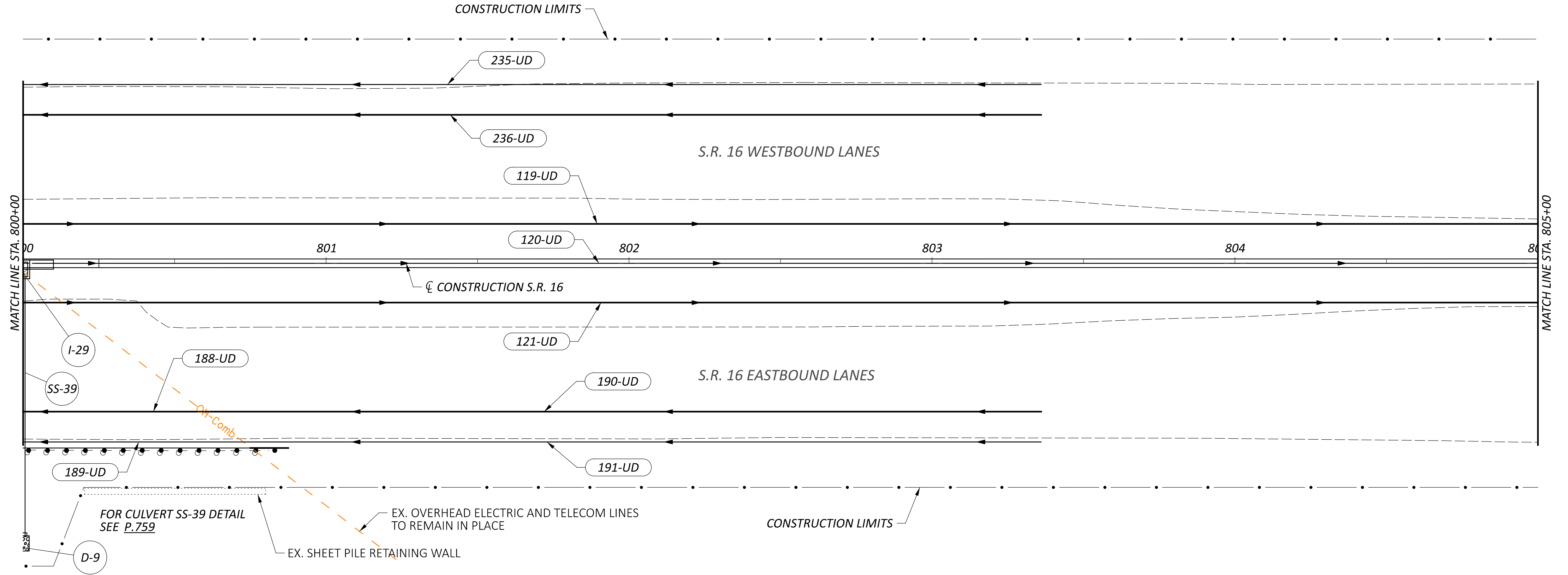
SHEET

P.726

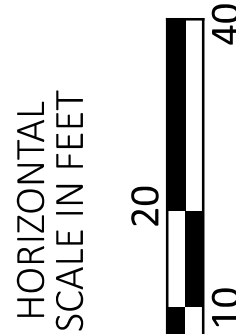
TOTAL

895

CROSS REFERENCES:
UNDERDRAIN QUANTITIES
(SEE SHEET P.683)
DRAINAGE QUANTITIES
(SEE SHEET P.688)



DRAINAGE PLAN - S.R. 16
STA. 800+00 - 805+00



DESIGN AGENCY



DESIGNER

BRH

REVIEWER

CMY 09/05/25

PROJECT ID

95445

SHEET

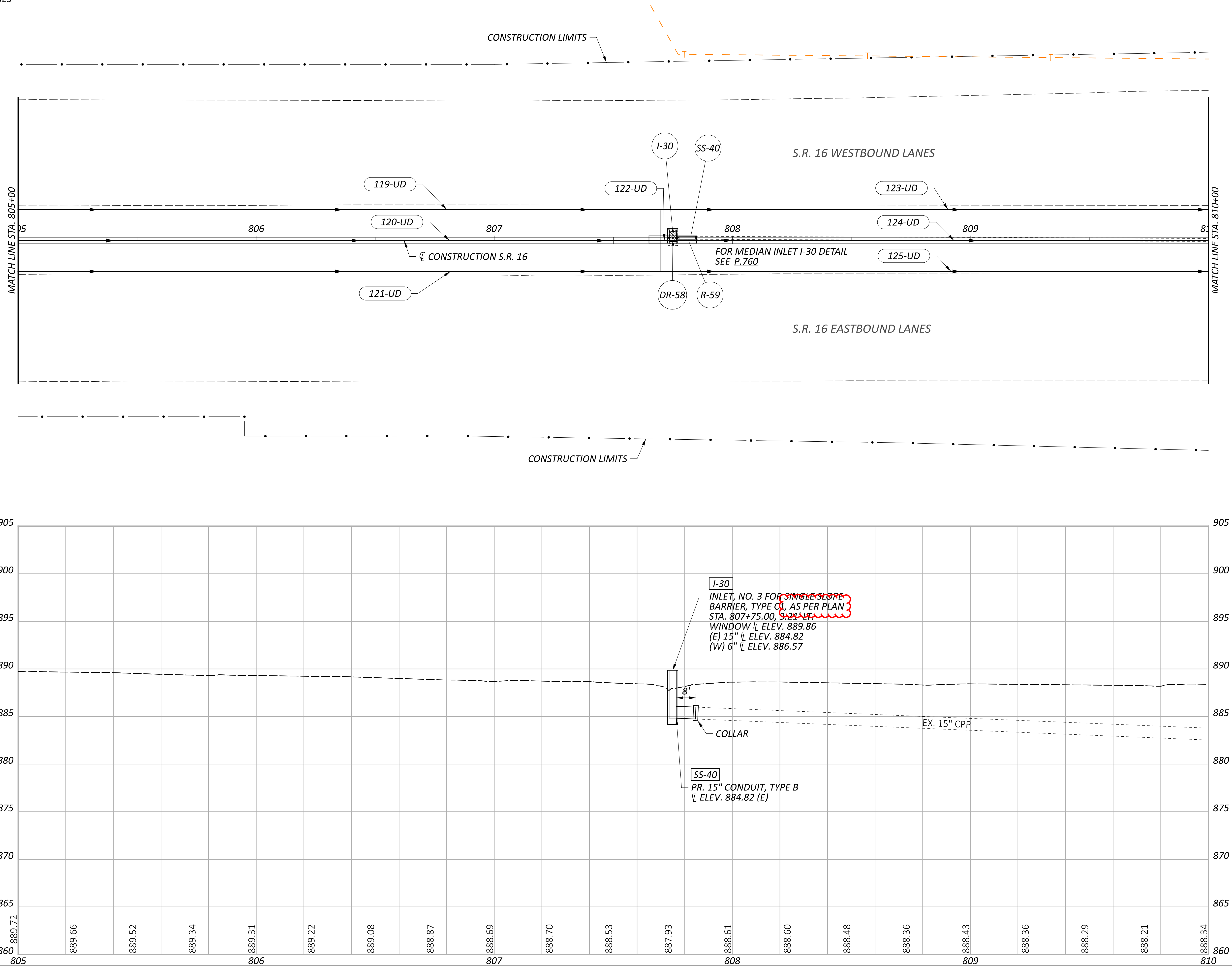
P.727

TOTAL

895

CROSS REFERENCES:

UNDERDRAIN QUANTITIES
(SEE SHEET P.683)
DRAINAGE QUANTITIES
(SEE SHEET P.688)



DRAINAGE PLAN - S.R. 16
STA. 805+00 - 810+00



DESIGN AGENCY



DESIGNER

BRH

REVIEWER

CMY 09/05/25

PROJECT ID

95445

SHEET

P.728

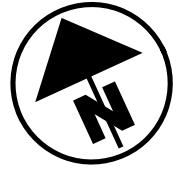
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pw:\\ohiodot-pw.bentley.com\\ohiodot-pw-02\\Documents\\01 Active Projects\\District 05\\Licking\\95445\\400-Engineering\\Drainage Sheets\\95445 DP001.dgn

UNDERDRAIN QUANTITIES
(SEE SHEET P.683)

DRAINAGE QUANTITIES
(SEE SHEET P.688)



HORIZONTAL
SCALE IN FEET

A horizontal scale bar with alternating black and white segments. The segments are labeled 0, 10, 20, and 40, indicating distances in feet.

DESIGN AGENCY



DESIGNER	
BRH	
REVIEWER	
CMY 09/05/25	
PROJECT ID	
95445	
SHEET	TOTAL
P.729	895

MODEL: CLP_37-16 - Plan 41 [Sheet] PAPER SIZE: 34x22 (in.) DATE: 1/29/2026 TIME: 8:32:11 AM PLT DRV: OHDOT_PDF.pltgr PENTBL: D5_Color WORKSPACE: OHDOTCEV02 WORKSET: 95445 PRODUCT: OpenRoadsDesigner 24.00.00.205
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*DRAINAGE QUANTITIES
(SEE SHEET P.688)*



DESIGN AGENCY



DESIGNER

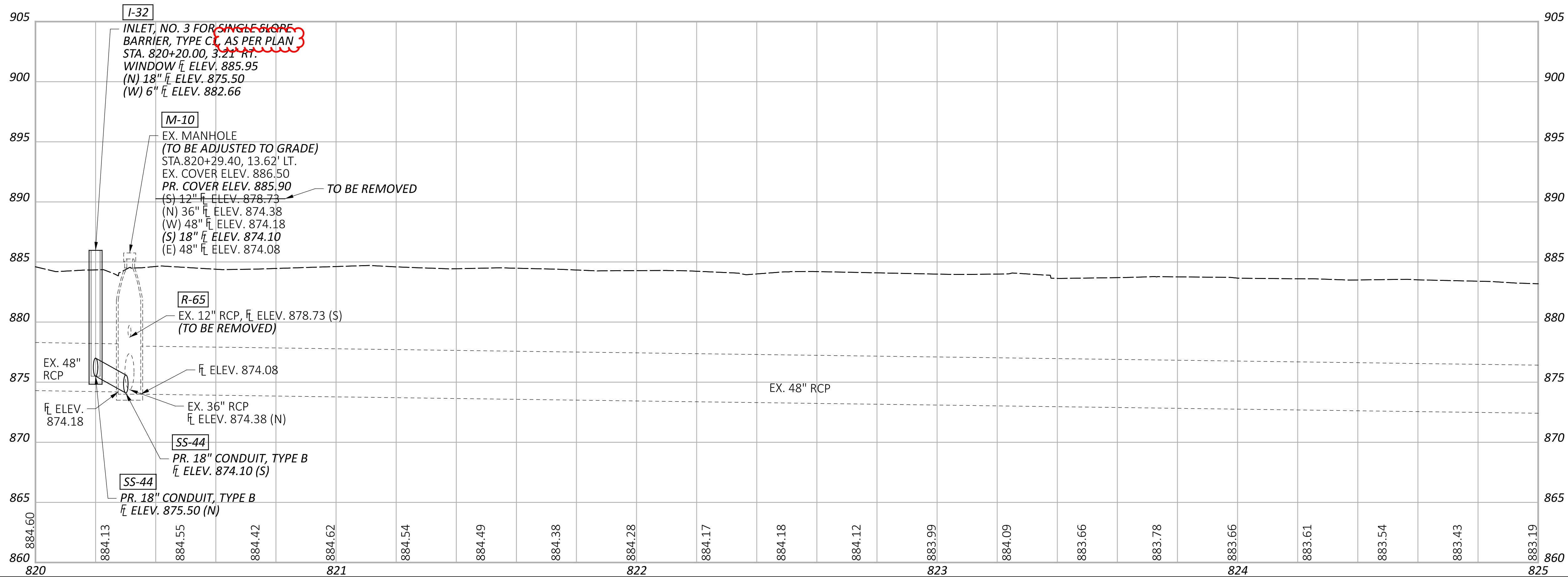
BRH

REVIEWER

CMY 09/05/25

95445

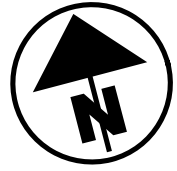
SHEET	TOTAL
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UNDERDRAIN QUANTITIES
(SEE SHEET P.683)

DRAINAGE QUANTITIES
(SEE SHEET P.688)



HORIZONTAL
SCALE IN FEET

10 20 40

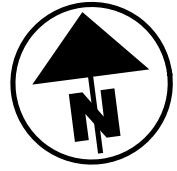
DRAINAGE PLAN - S.R. 16
STA. 825+00 - 830+00



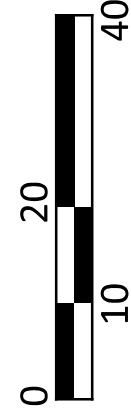
DESIGNER	
BRH	
REVIEWER	
CMY 09/05/25	
PROJECT ID	
95445	
SHEET	TOTAL
P.732	895

MODEL: CLP_37-16 - Plan 43 [Sheet] PAPER SIZE: 34x22 (in.) DATE: 1/29/2026 TIME: 8:32:12 AM PLT DRV: OHDOT_PDF.pltgrv PENTBL: D5_Color _Utilities.tbl USER: Brian.Harlow@dot.ohio.gov WORKSPACE: OHDOTCEV02 WORKSET: 95445 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com\\ohiodot-pw-02\\Documents\\01 Active Projects\\District 05\\Licking (95445)\\400-Engineering\\Drainage Sheets\\95445 DP001.dgn

*DRAINAGE QUANTITIES
(SEE SHEET P.688)*



HORIZONTAL
SCALE IN FEET



DESIGN AGENCY

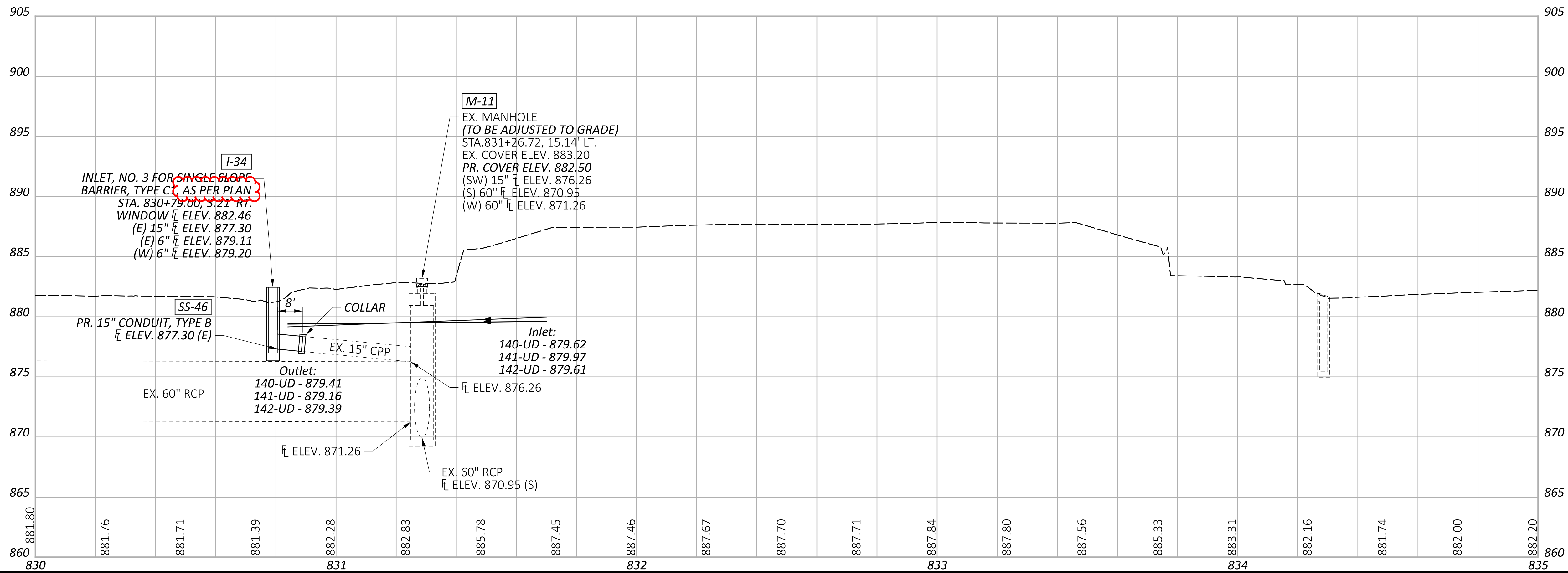


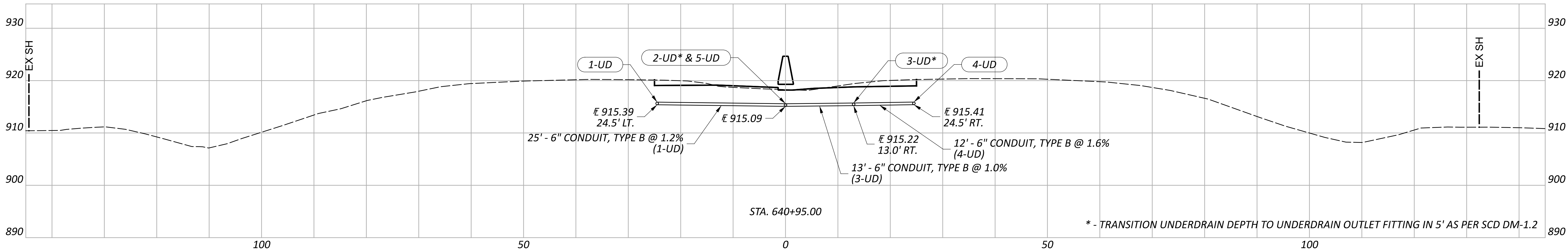
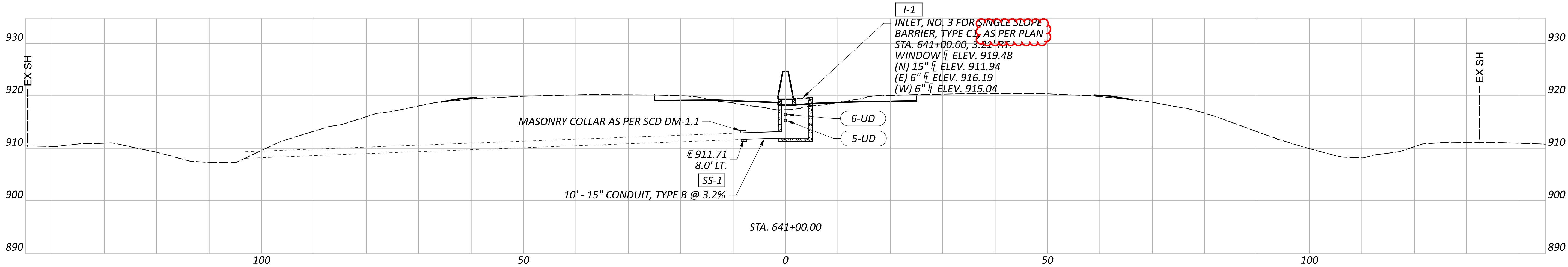
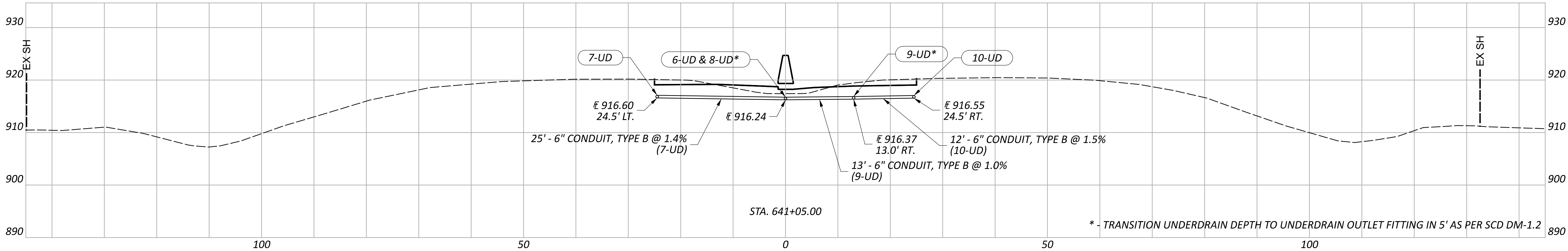
BRH

CMY 09/05/25

95445

TOTAL





DRAINAGE PROFILES - S.R. 37
STA. 640+95.00 - 641+05.00

DESIGN AGENCY



DESIGNER

BRH

REVIEWER

CMY 09/05/25

PROJECT ID

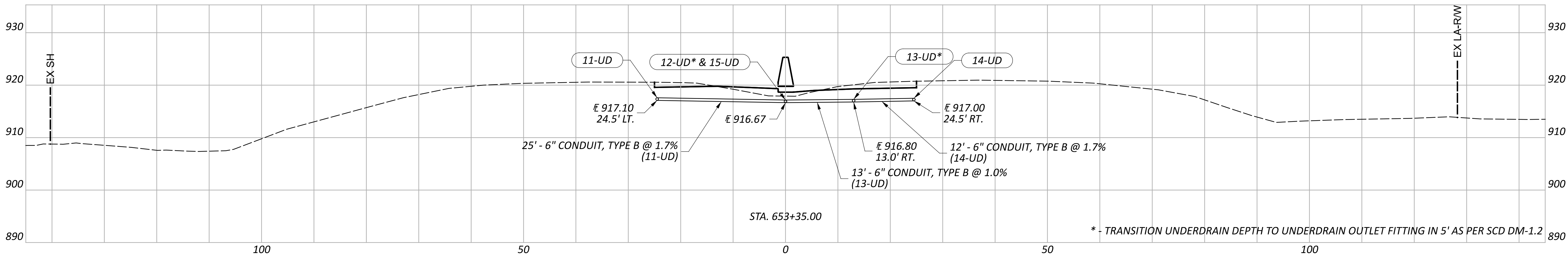
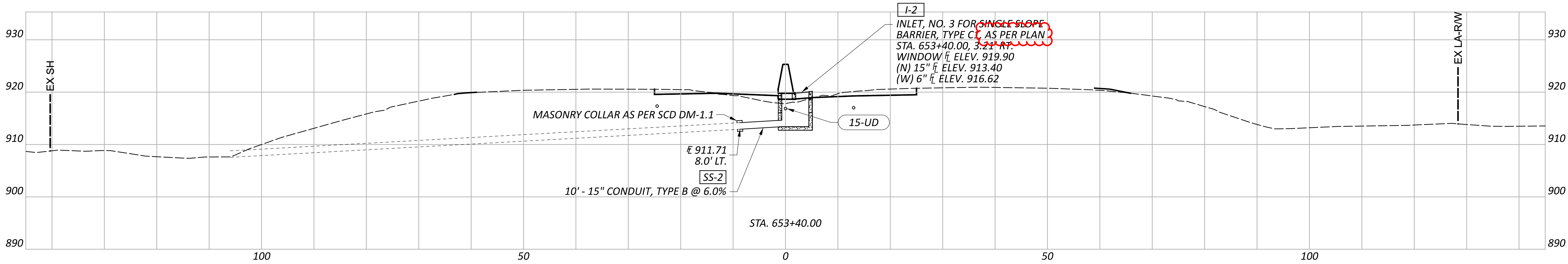
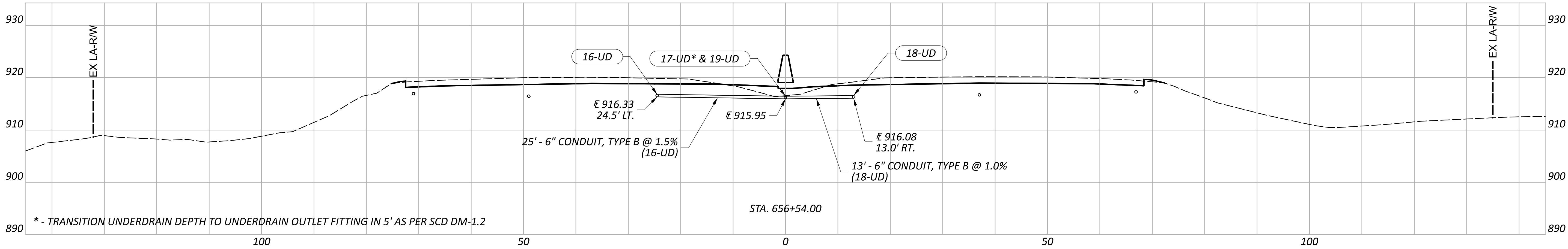
95445

Sheet Totals

Seeding Cut Fill

SHEET TOTAL

P.734 895



DRAINAGE PROFILES - S.R. 37
STA. 653+35.00 - 656+54.00

DESIGN AGENCY



DESIGNER

BRH

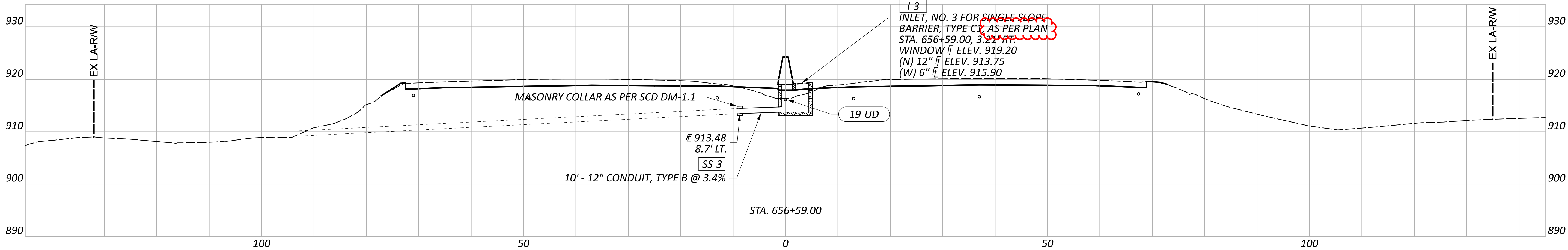
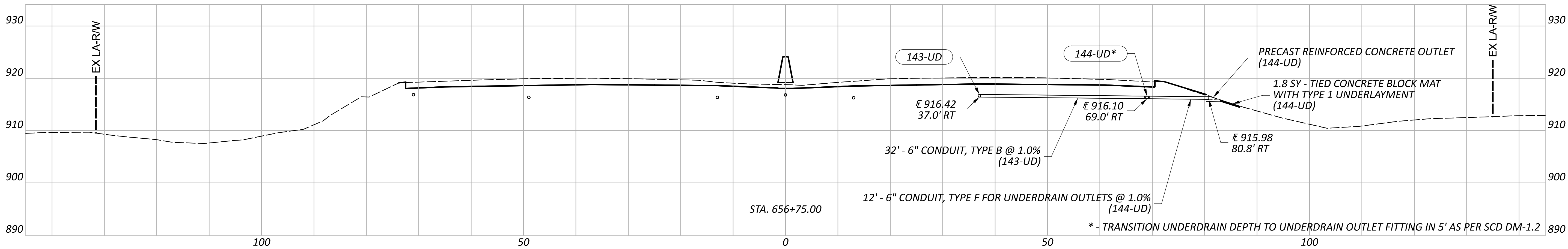
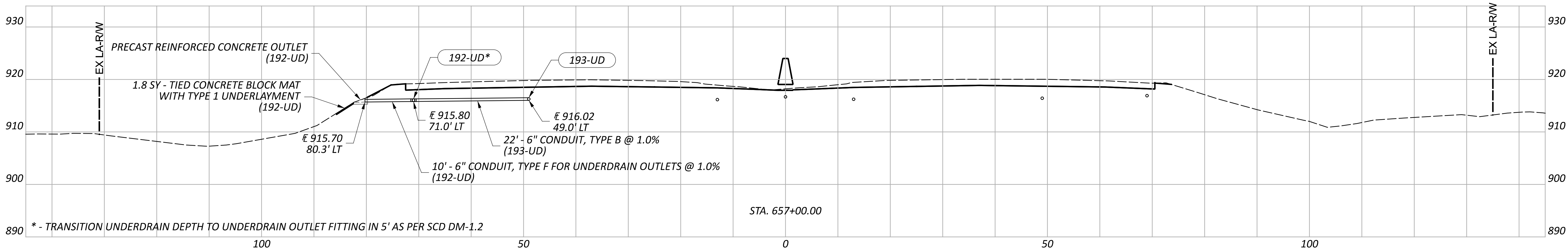
REVIEWER

CMY 09/05/25

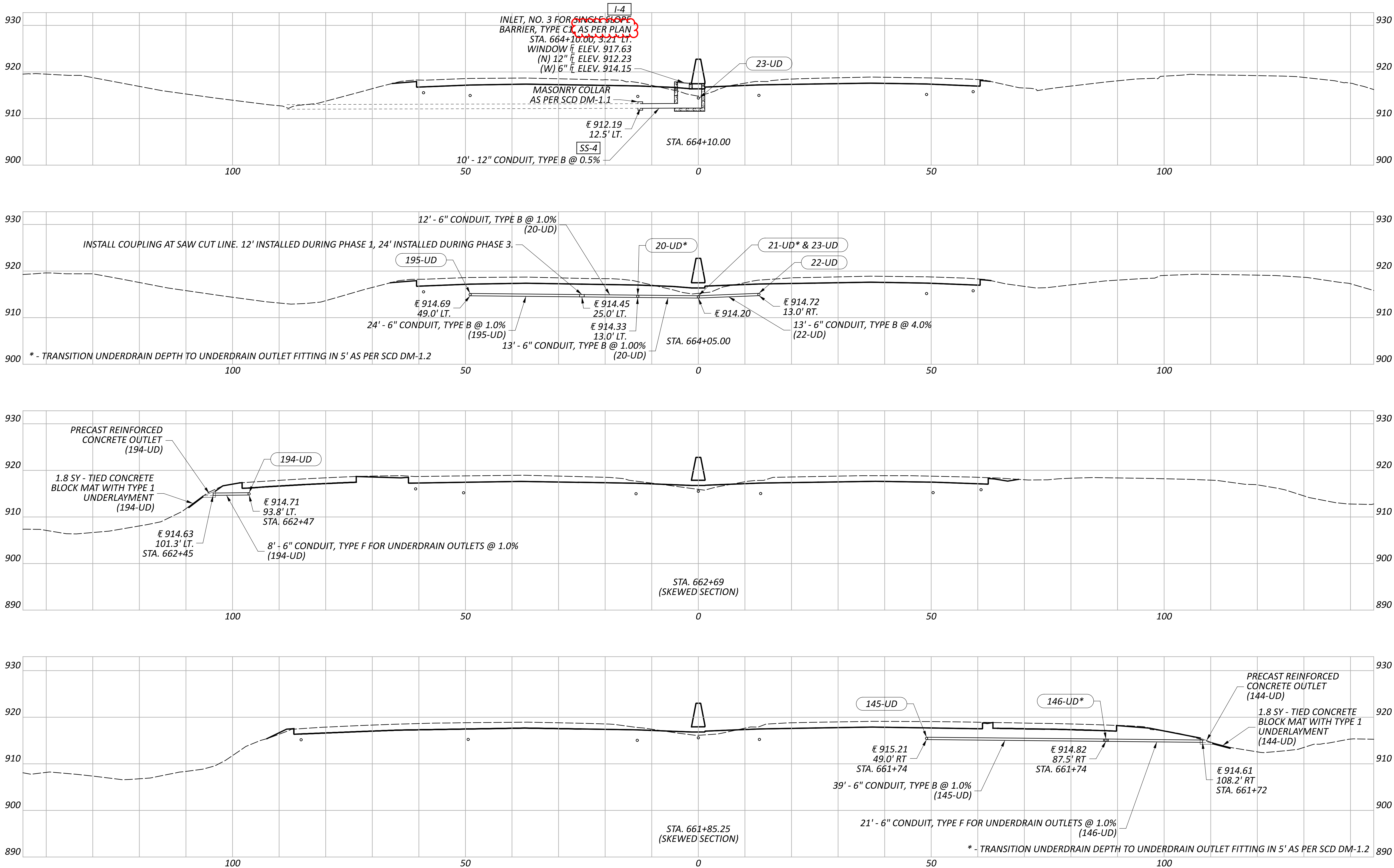
PROJECT ID

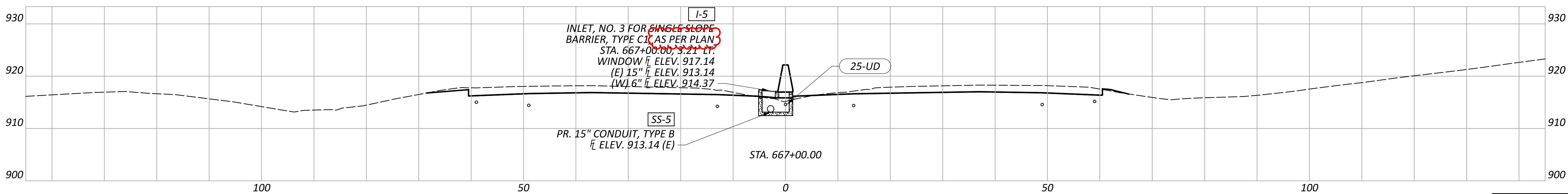
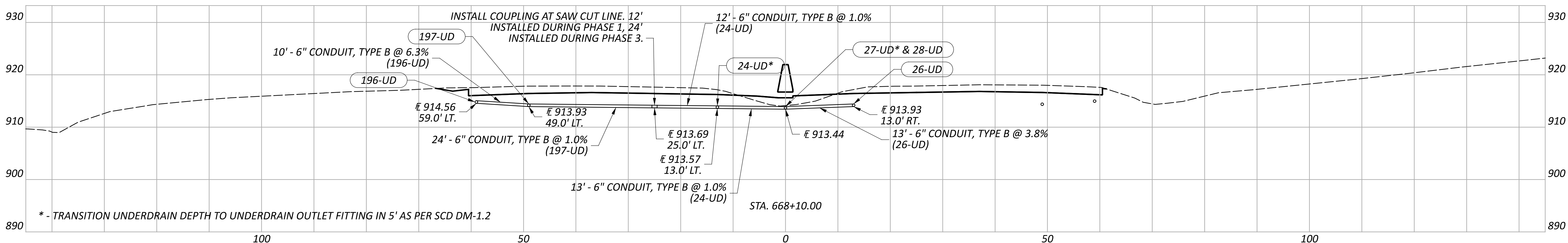
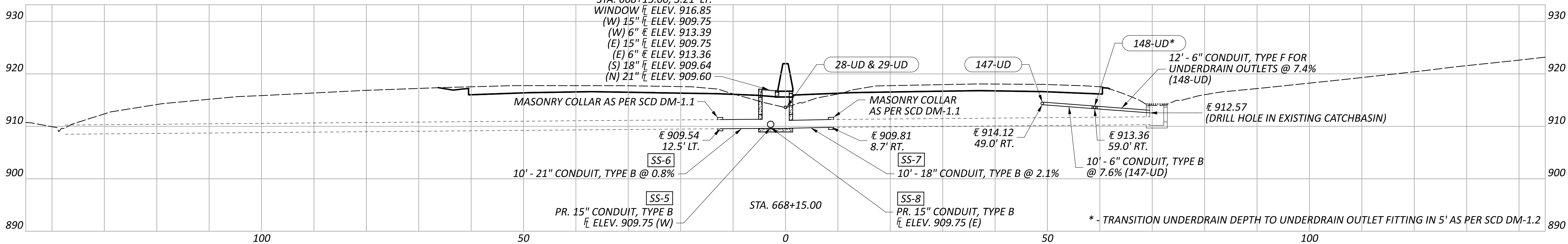
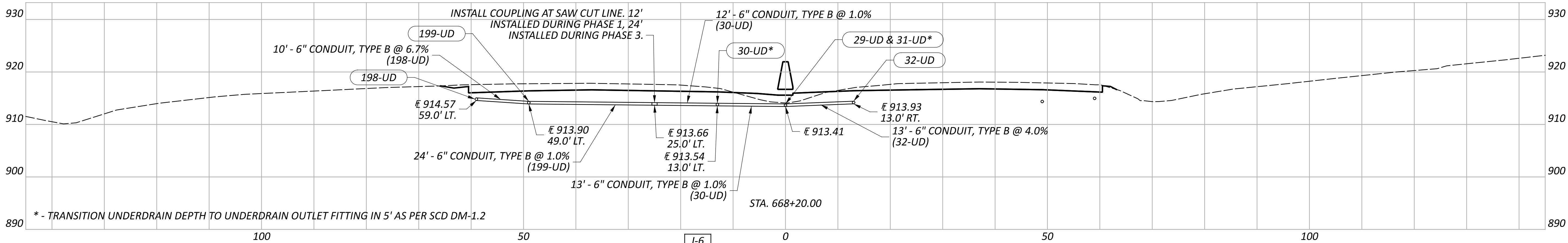
95445

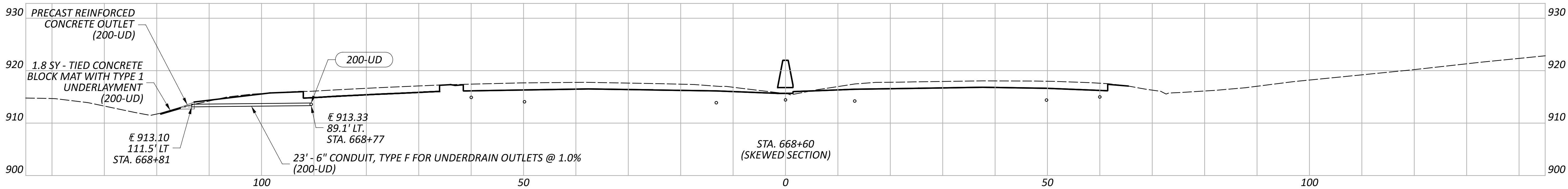
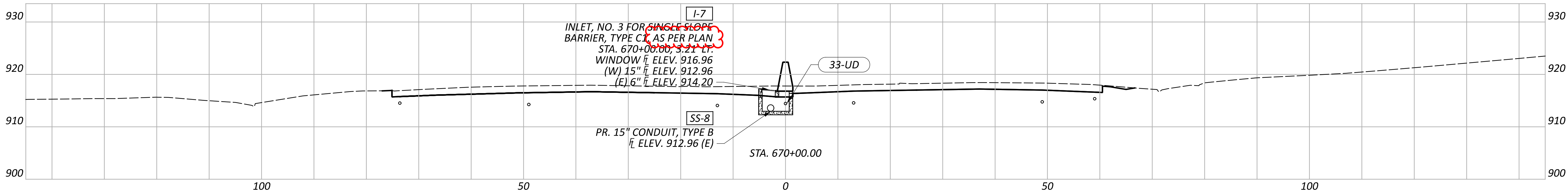
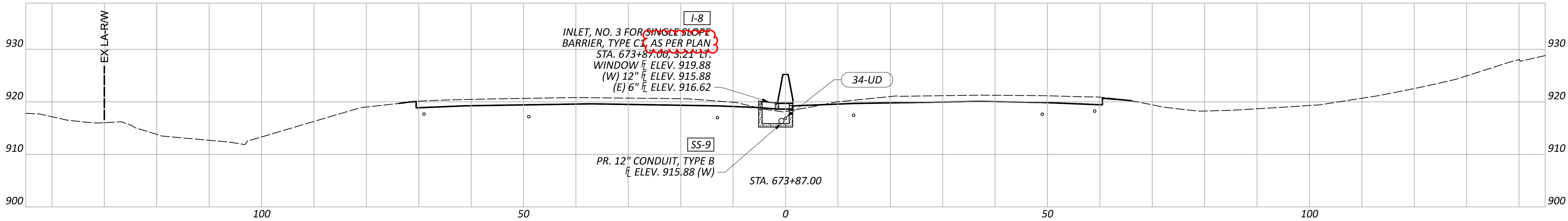
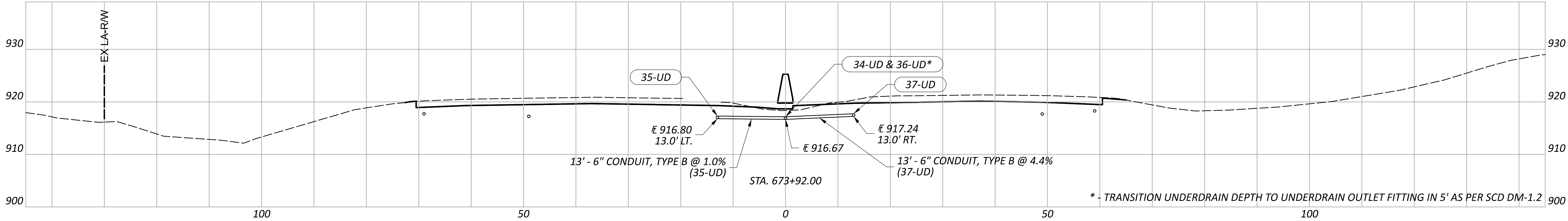
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Seeding	Cut	Fill		
			P.735	895

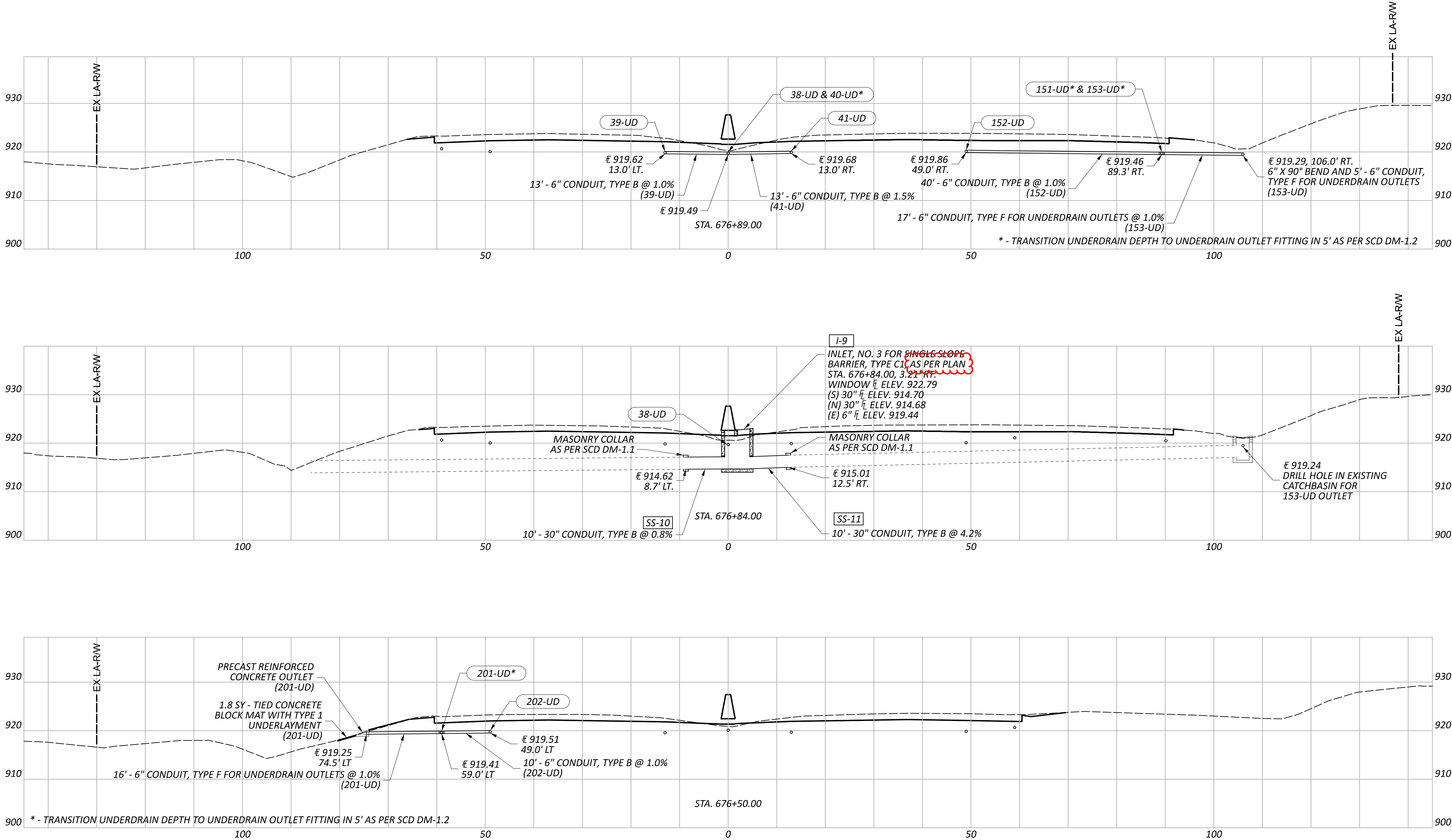


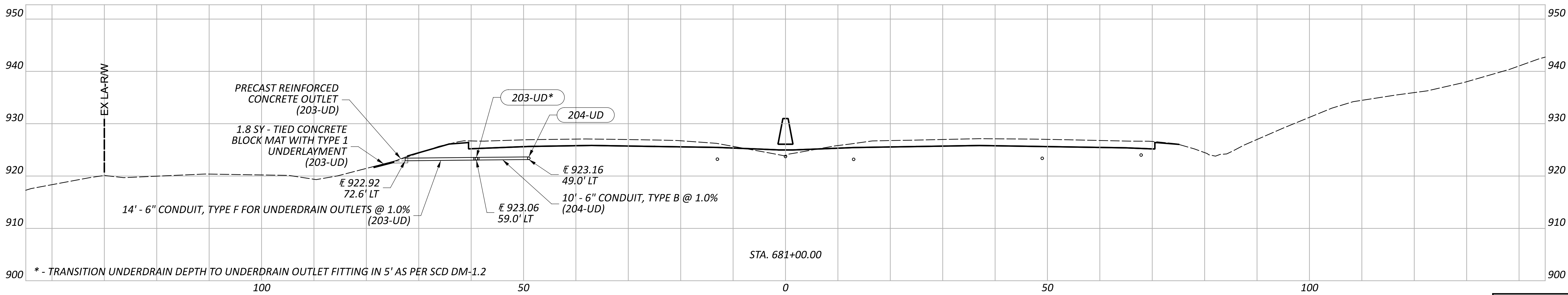
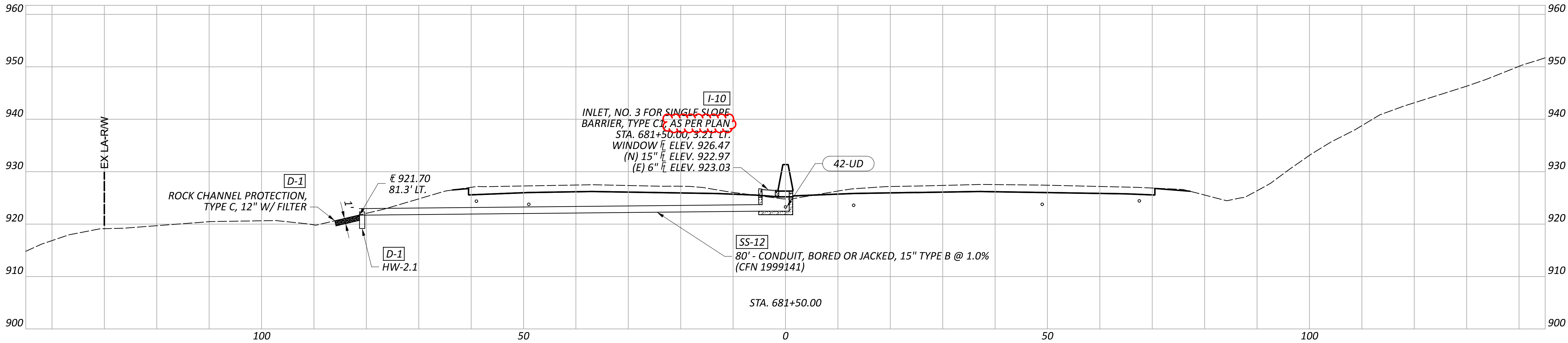
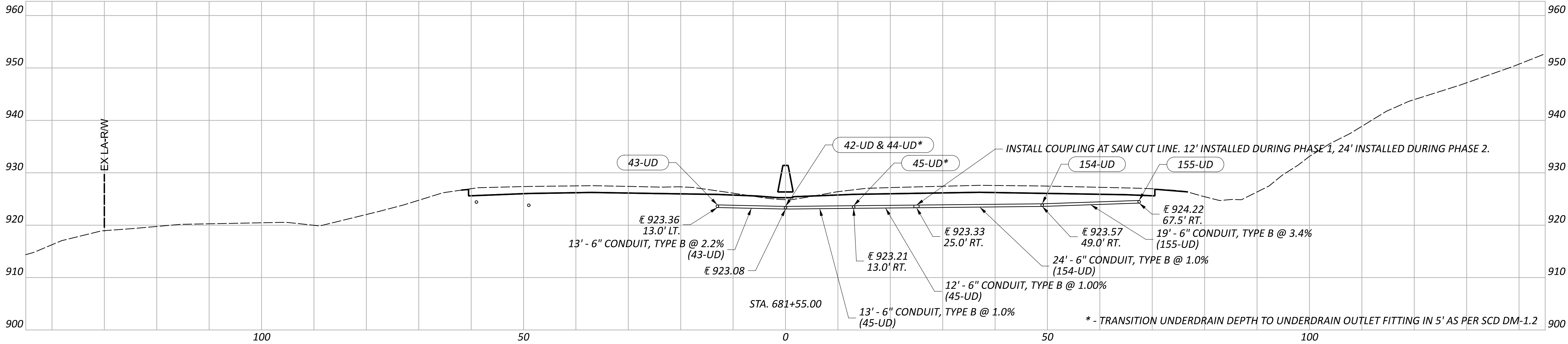
Sheet Totals		
Seeding	Cut	Fill











DRAINAGE PROFILES - S.R. 16
STA. 681+00.00 - 681+55.00

DESIGN AGENCY



DESIGNER

BRH

REVIEWER

CMY 09/05/25

PROJECT ID

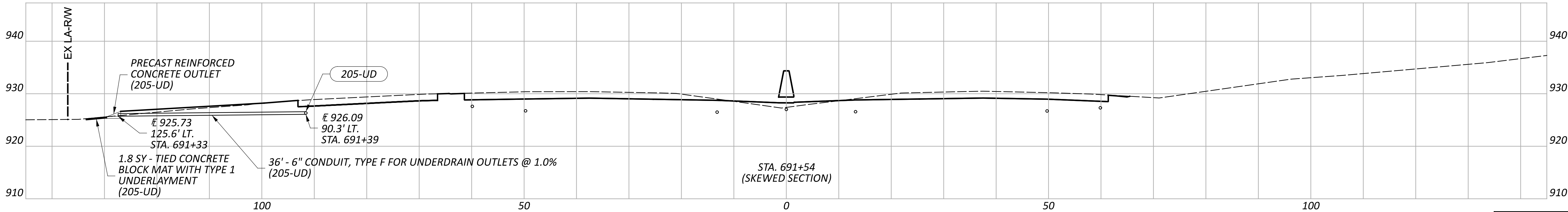
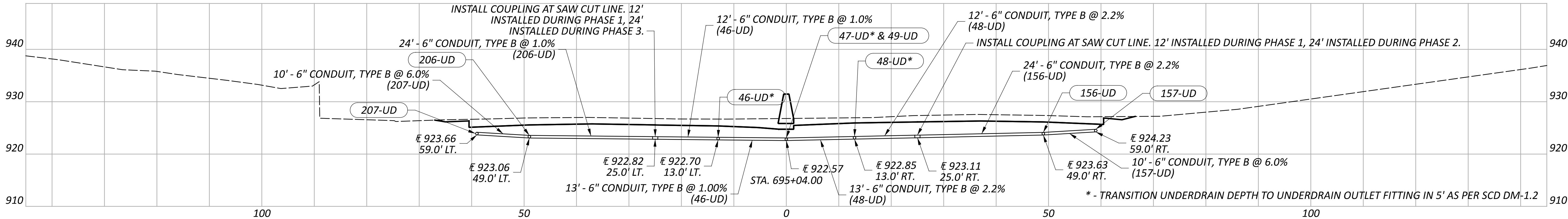
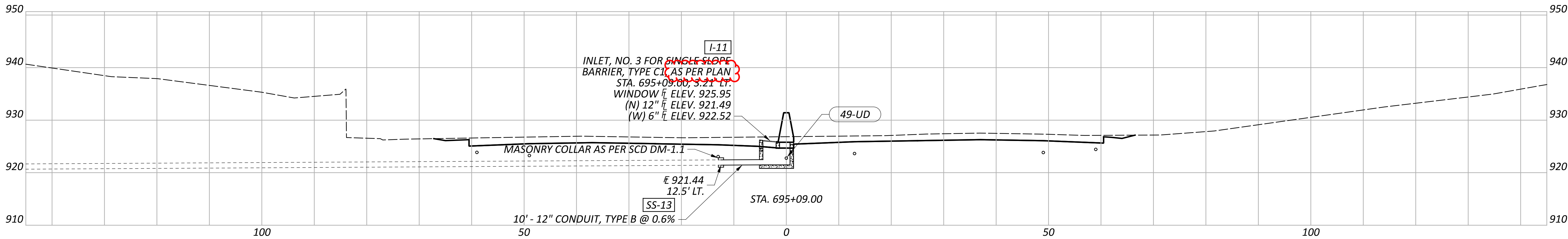
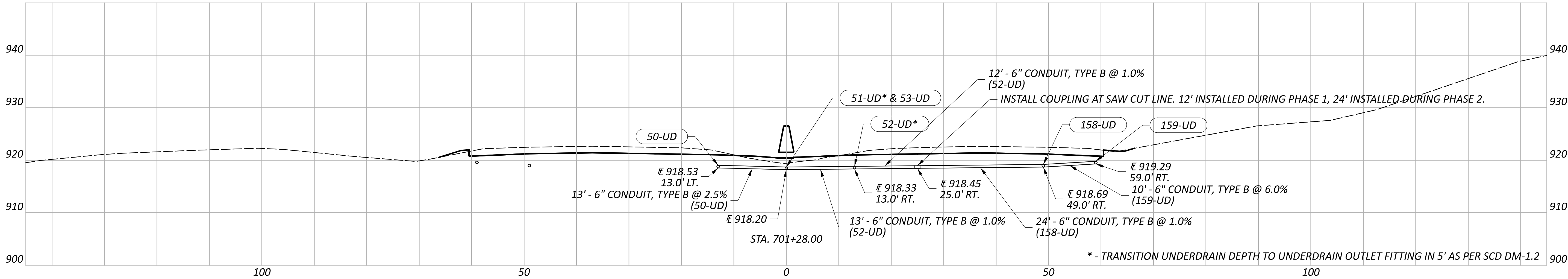
95445

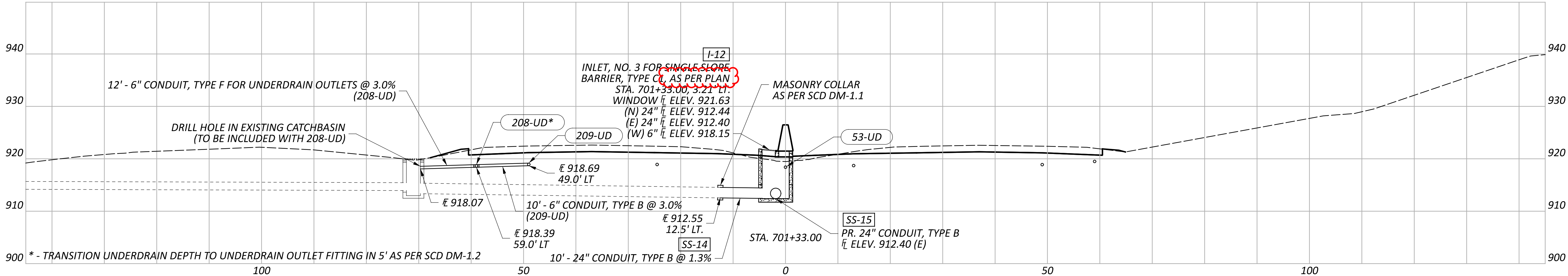
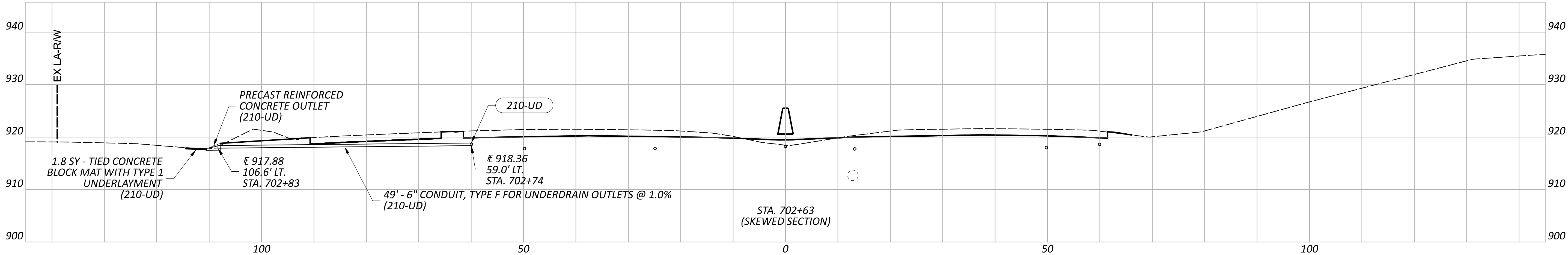
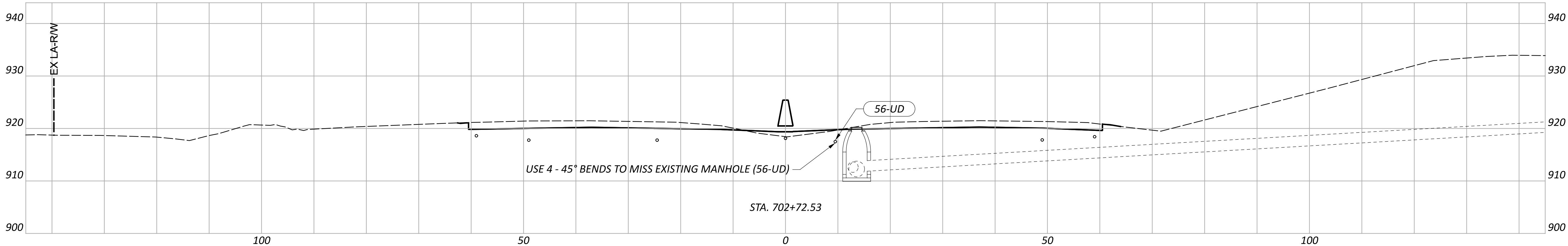
Sheet Totals

Seeding Cut Fill

SHEET TOTAL

P.741 895





DRAINAGE PROFILES - S.R. 16
STA. 701+33.00 - 702+72.53

DESIGN AGENCY



DESIGNER

BRH

REVIEWER

CMY 09/05/25

PROJECT ID

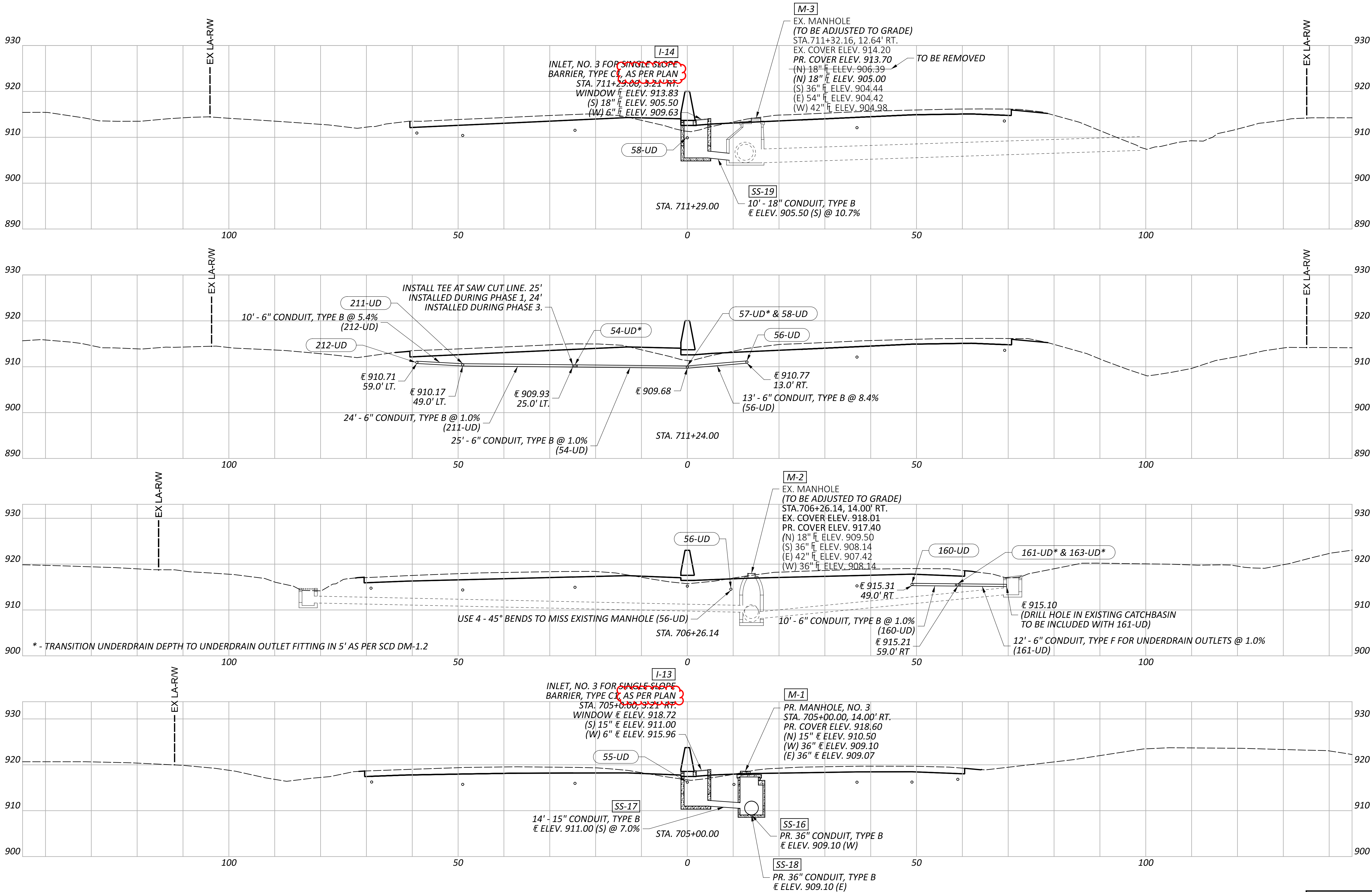
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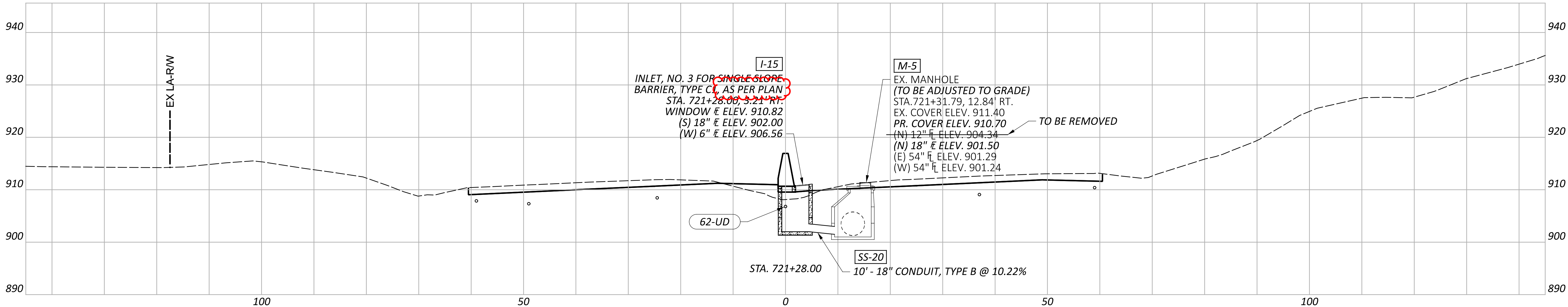
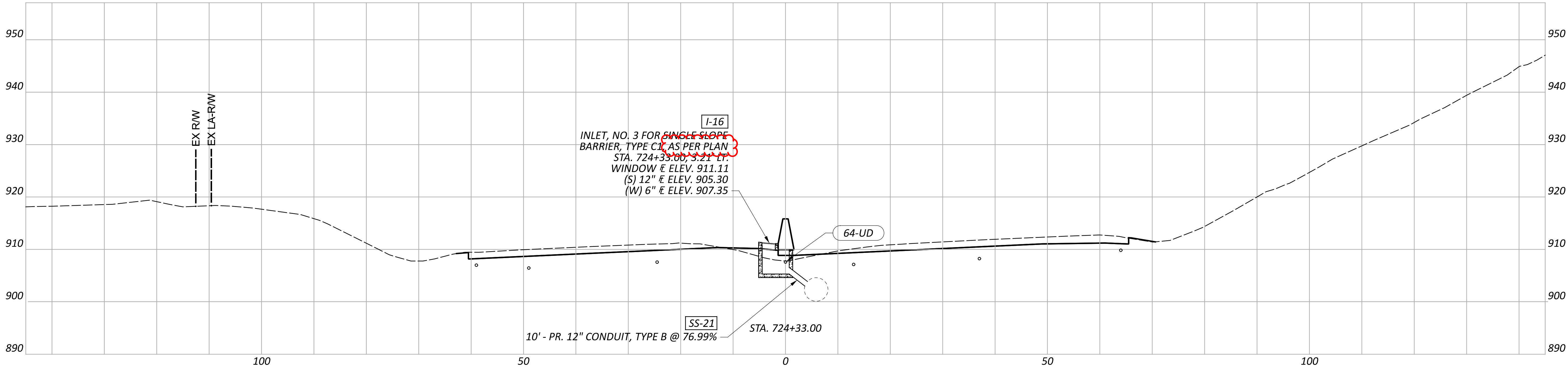
Sheet Totals

Seeding Cut Fill

SHEET TOTAL

P.743 895





DRAINAGE PROFILES - S.R. 16
STA. 721+28.00 - 724+33.00

DESIGN AGENCY



DESIGNER

BRH

REVIEWER

CMY 09/05/25

PROJECT ID

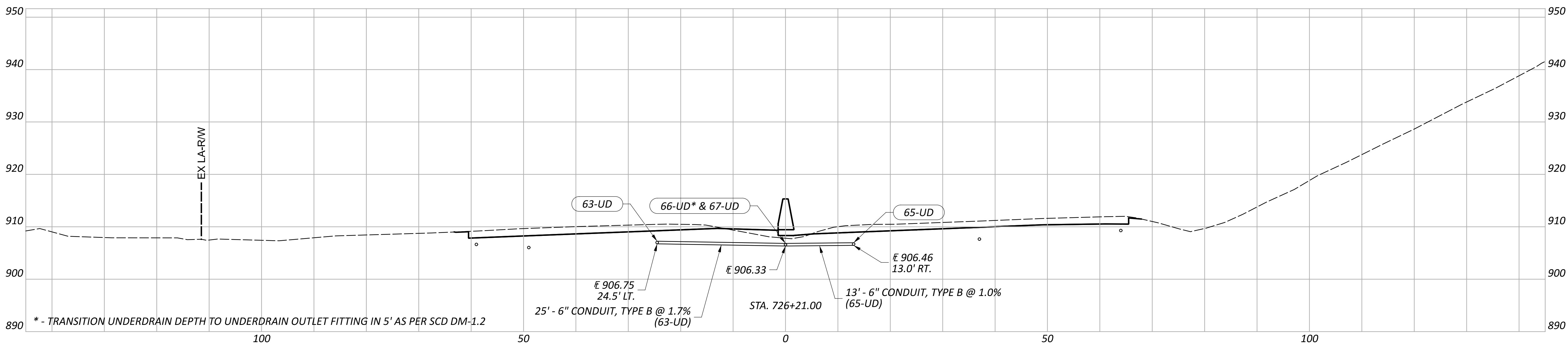
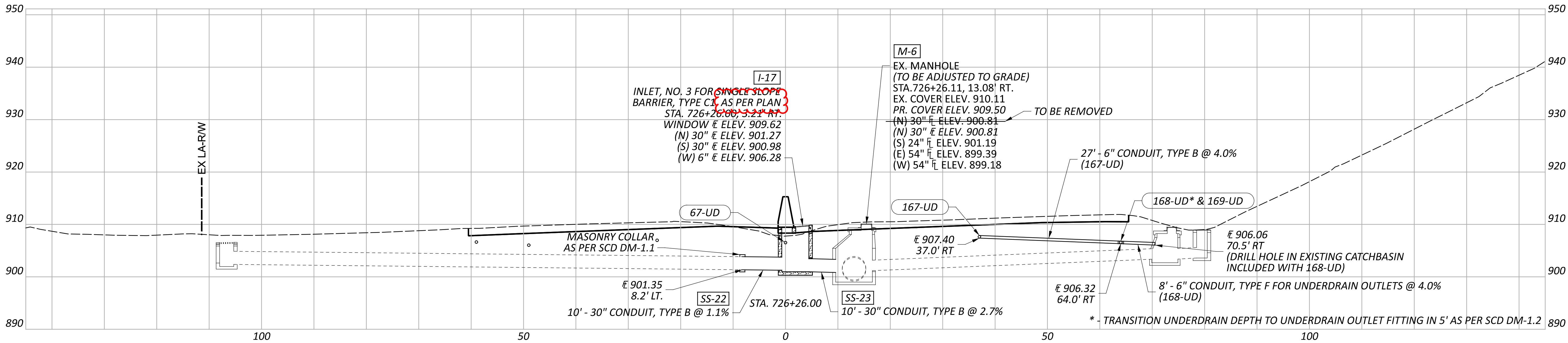
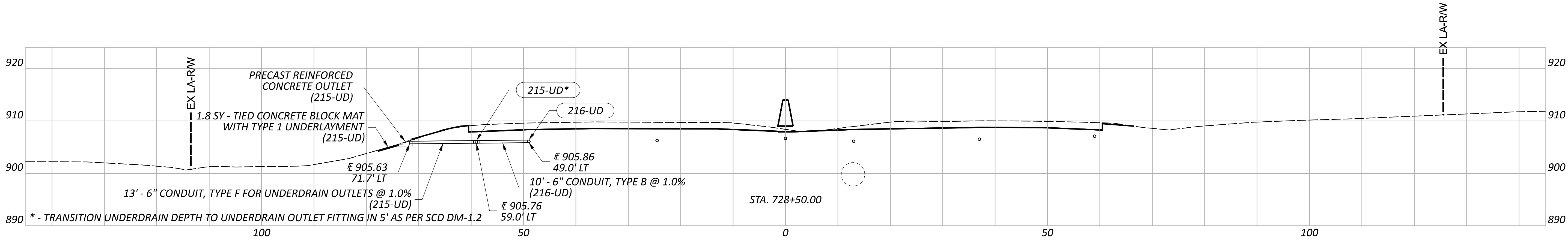
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Sheet Totals

Seeding Cut Fill

SHEET TOTAL

P.746 895



Drainage Profiles - S.R. 16
Sta. 726+21.00 - 728+50.00

DESIGN AGENCY



DESIGNER

BRH

REVIEWER

CMY 09/05/25

PROJECT ID

95445

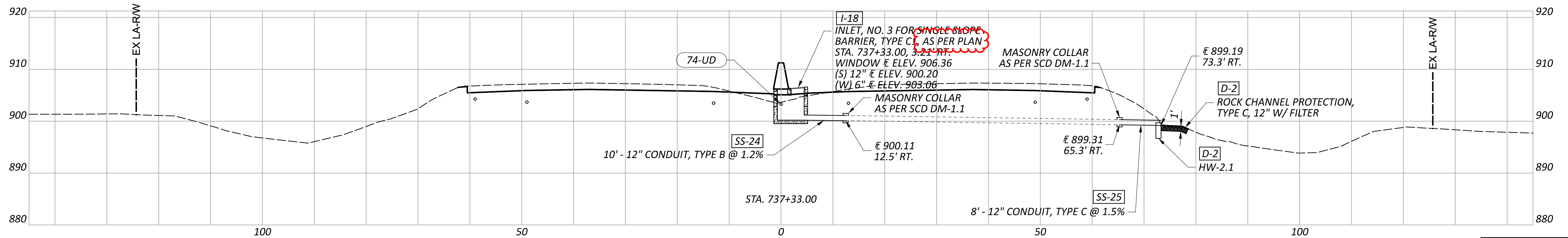
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SHEET TOTAL

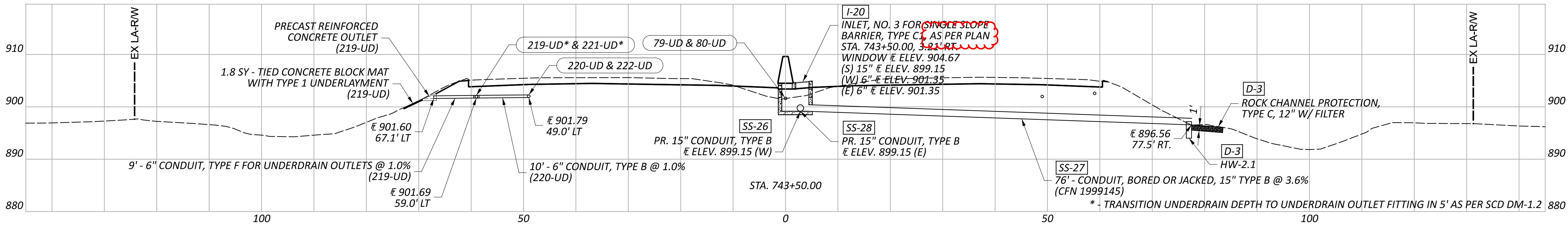
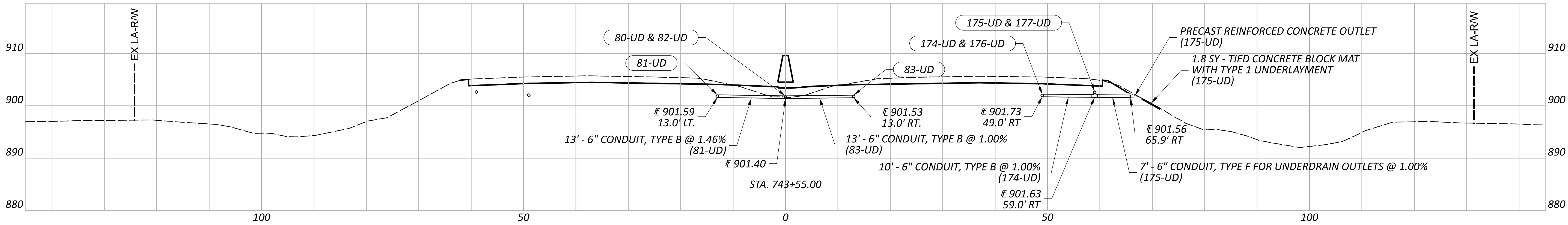
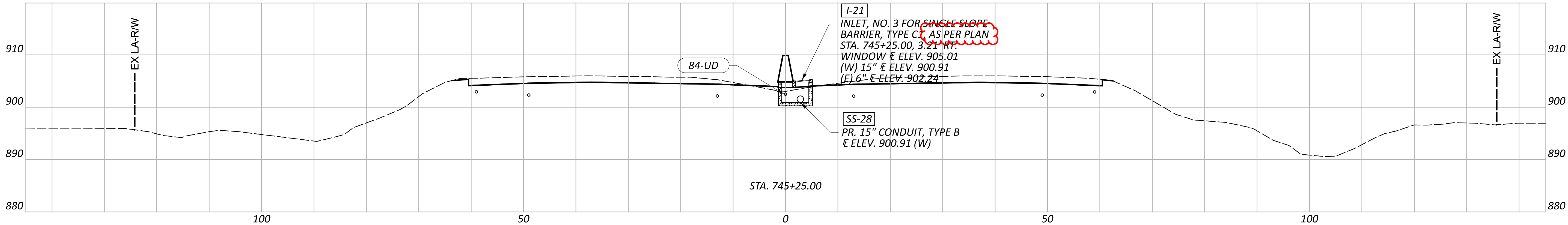
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Sheet Totals			95445	
Seeding	Cut	Fill	SHEET P.749	TOTAL 895

DRAINAGE PROFILES - S.R. 16
STA. 737+33.00 - 743+45.00



DRAINAGE PROFILES - S.R. 16
STA. 743+50.00 - 745+25.00

DESIGN AGENCY



DESIGNER

BRH

REVIEWER

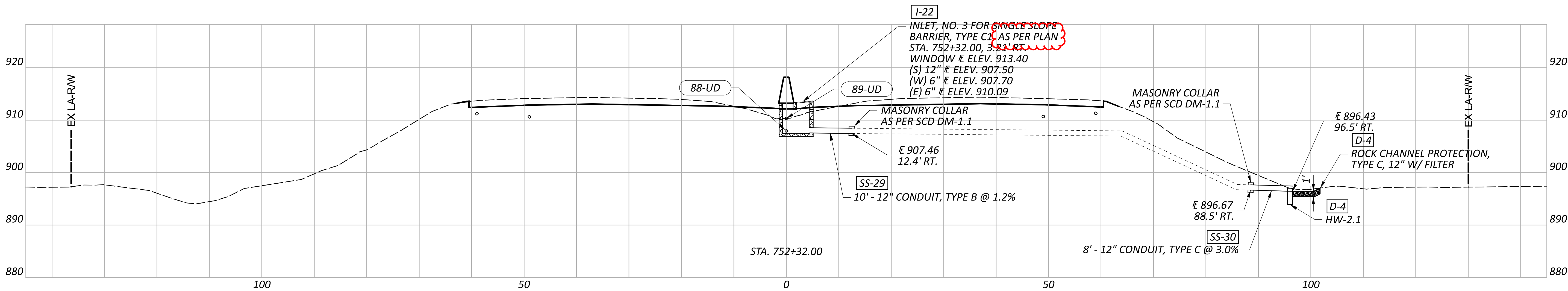
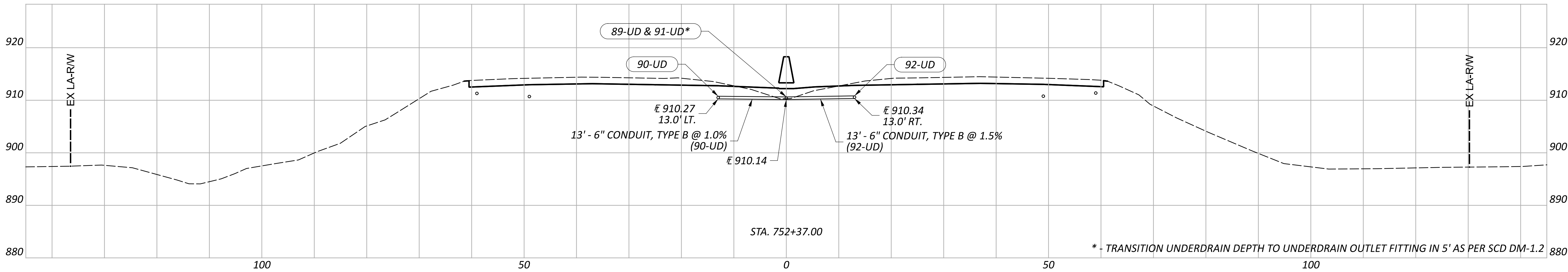
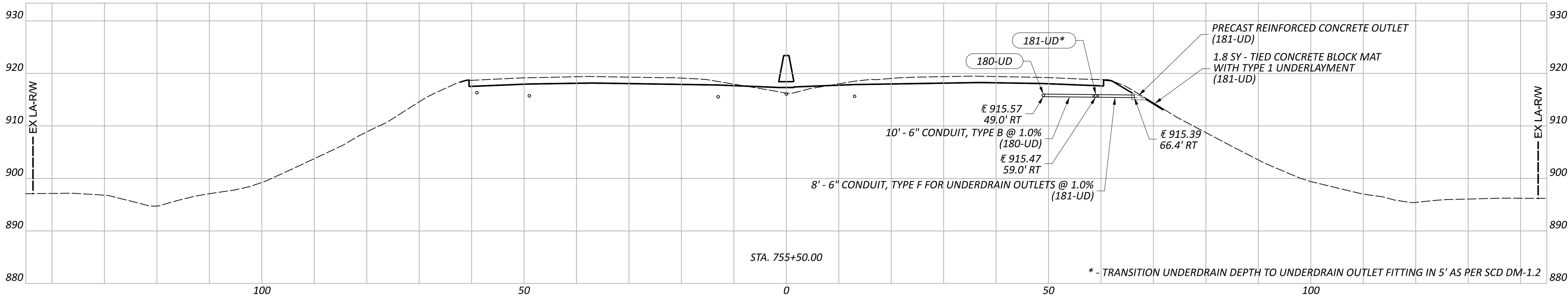
CMY 09/05/25

PROJECT ID

95445

Sheet Totals		
Seeding	Cut	Fill

SHEET	TOTAL
P.750	895



DRAINAGE PROFILES - S.R. 16
STA. 752+32.00 - 755+50.00

DESIGN AGENCY



DESIGNER

BRH

REVIEWER

CMY 09/05/25

PROJECT ID

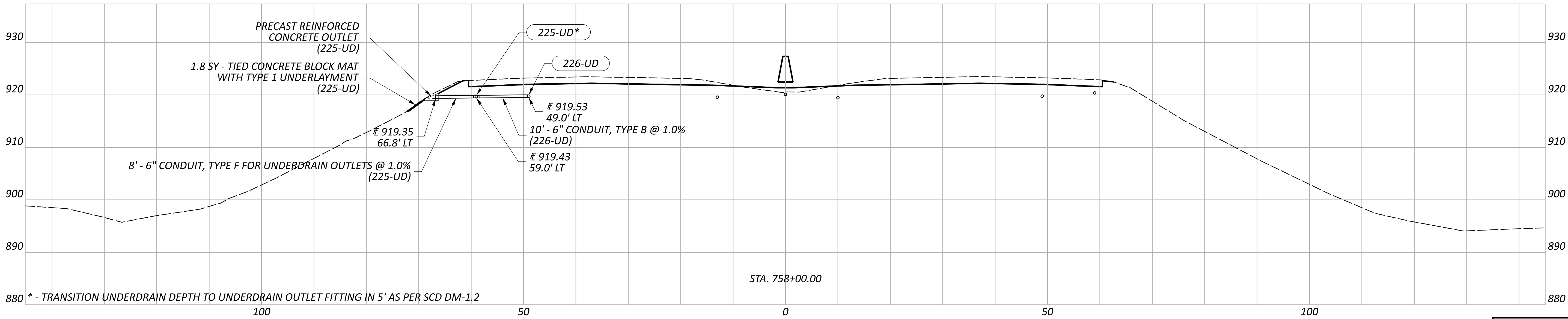
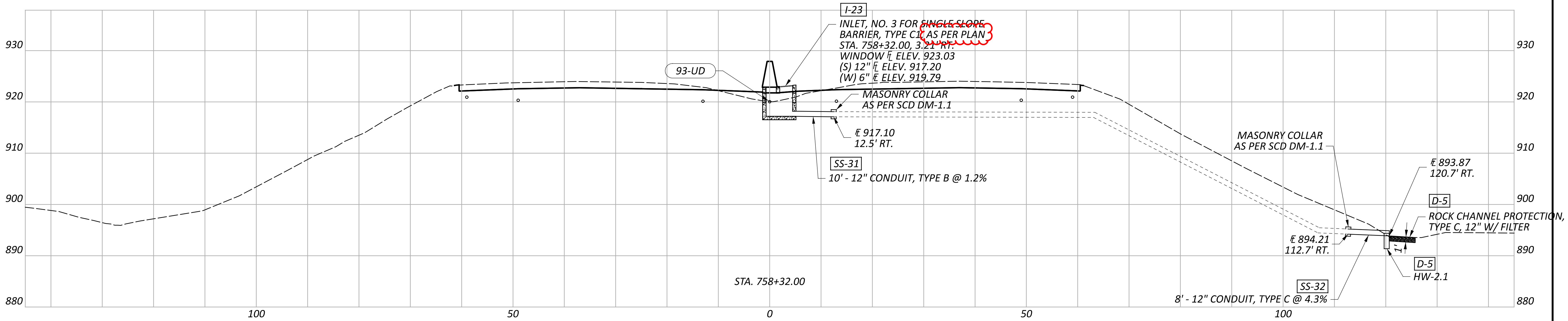
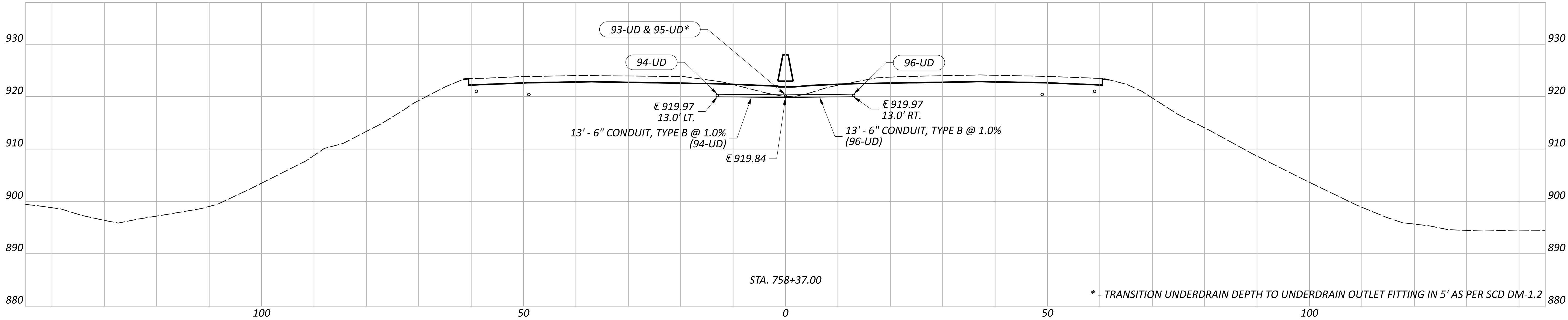
95445

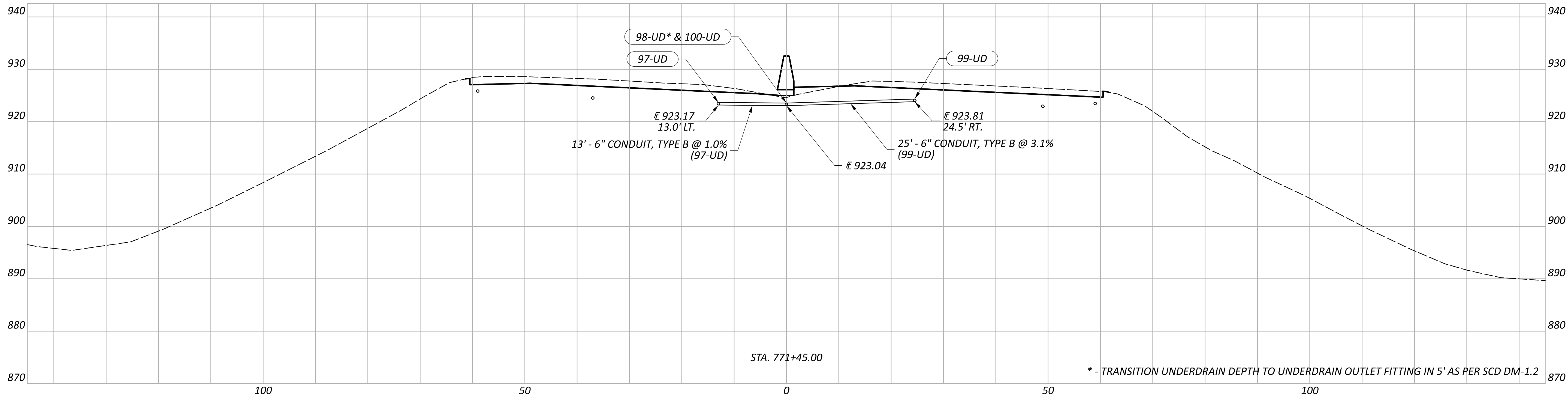
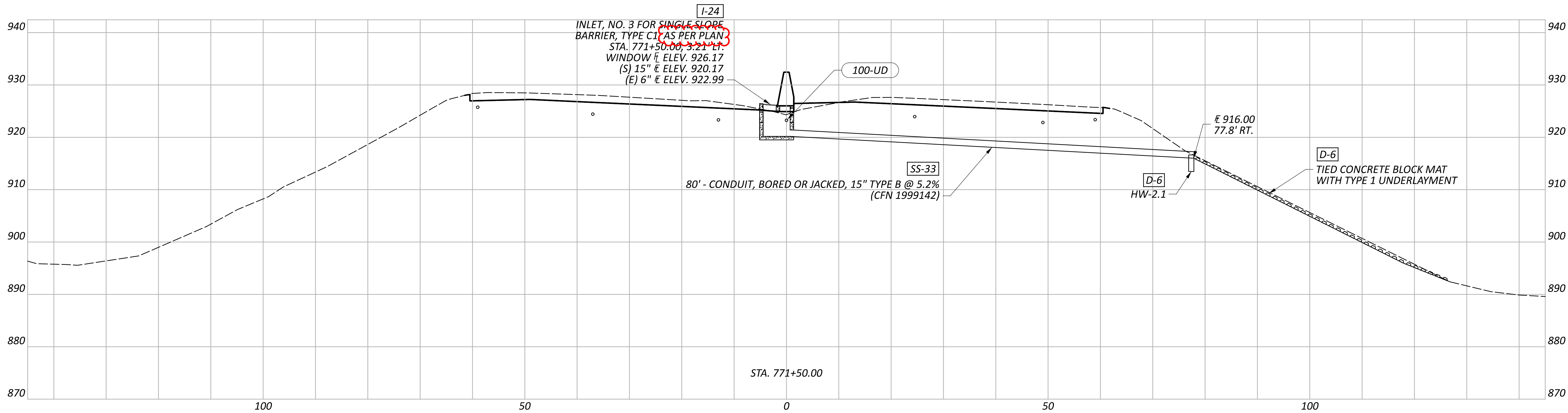
Sheet Totals

Seeding Cut Fill

SHEET TOTAL

P.752 895





* - TRANSITION UNDERDRAIN DEPTH TO UNDERDRAIN OUTLET FITTING IN 5' AS PER SCD DM-1.2

DRAINAGE PROFILES - S.R. 16
STA. 771+45.00 - 771+50.00

DESIGN AGENCY



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CMY 09/05/25

PROJECT ID

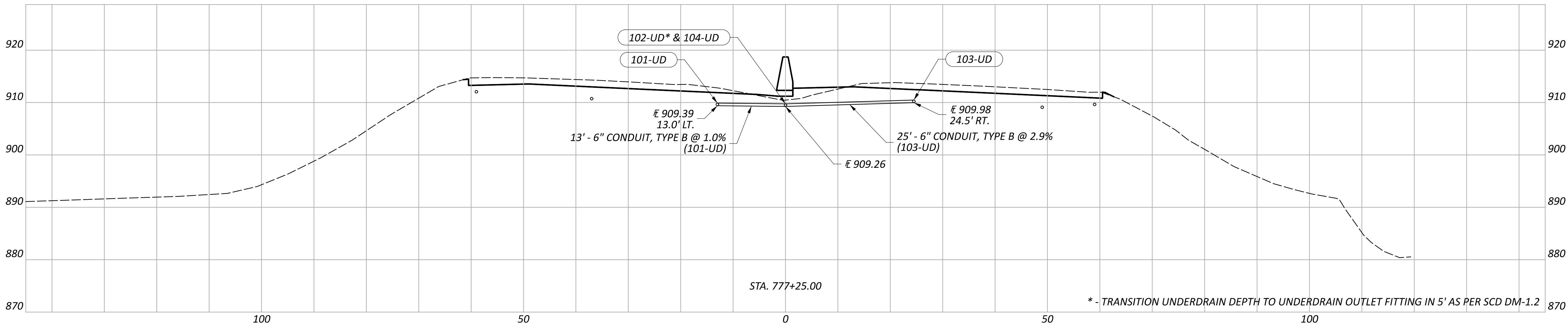
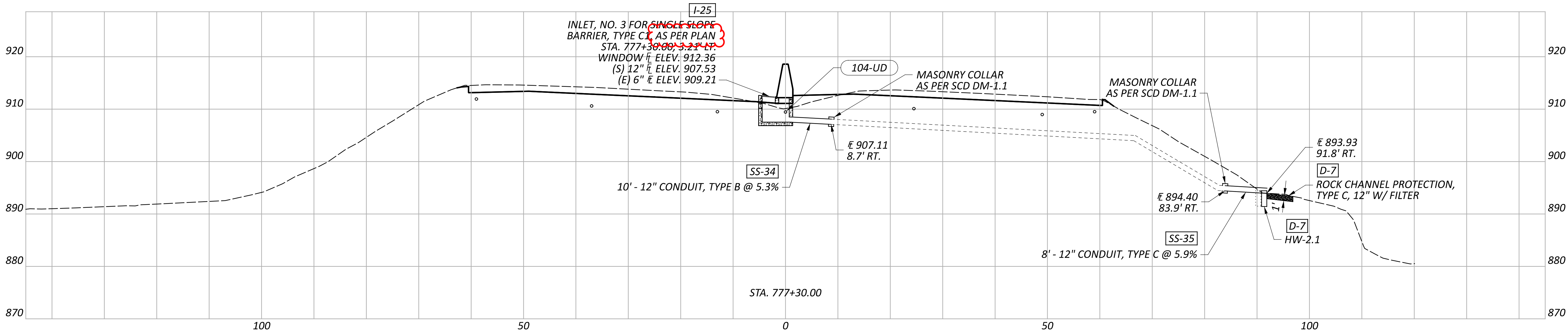
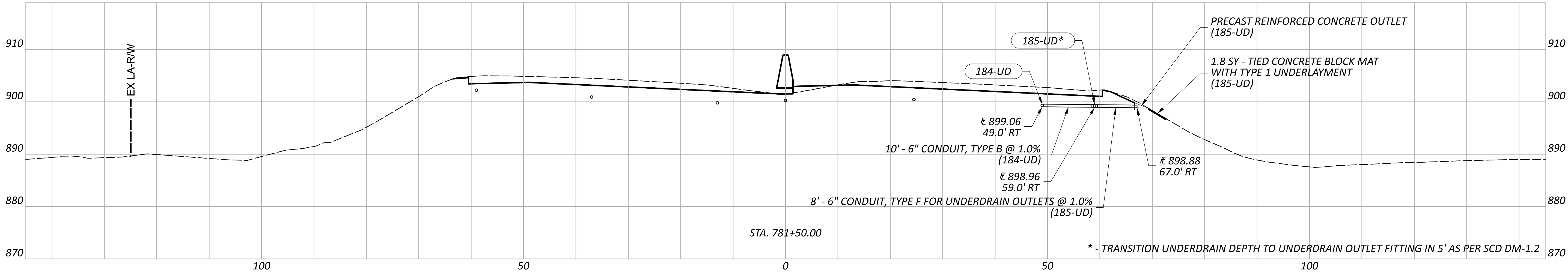
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SHEET TOTAL

P.754 895



DRAINAGE PROFILES - S.R. 16
STA. 777+25.00 - 781+50.00

DESIGN AGENCY



DESIGNER

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CMY 09/05/25

PROJECT ID

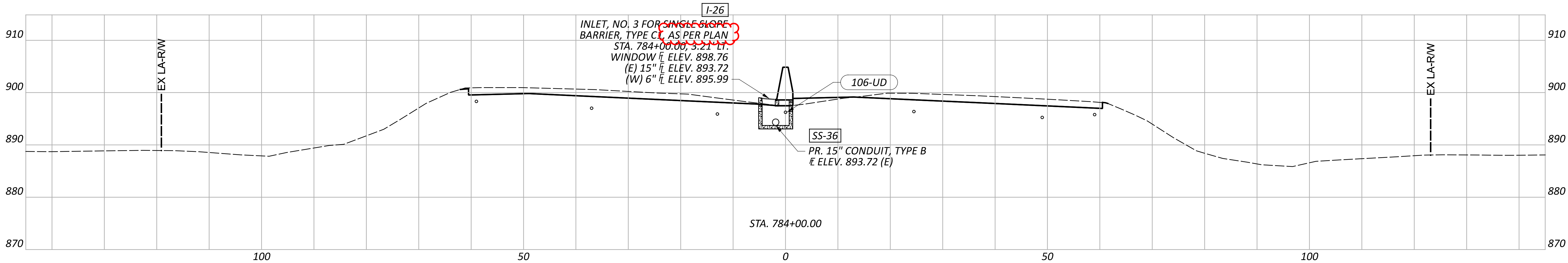
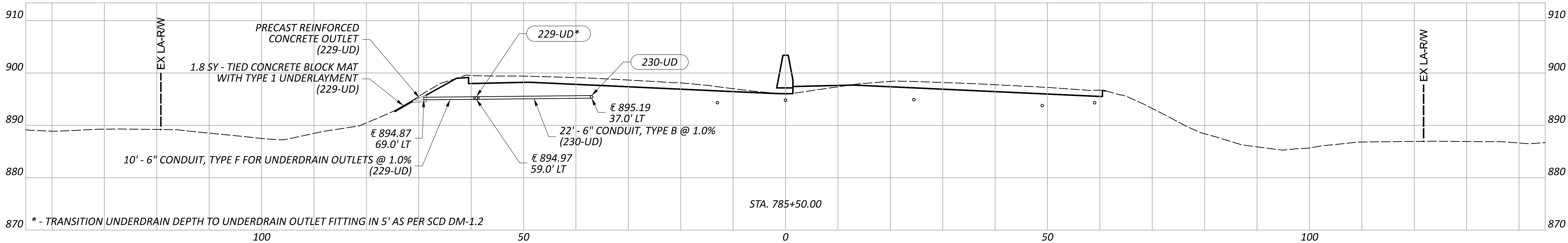
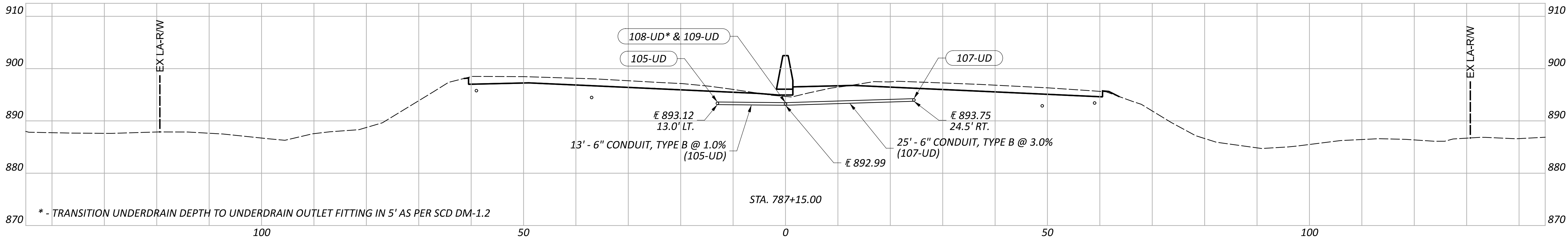
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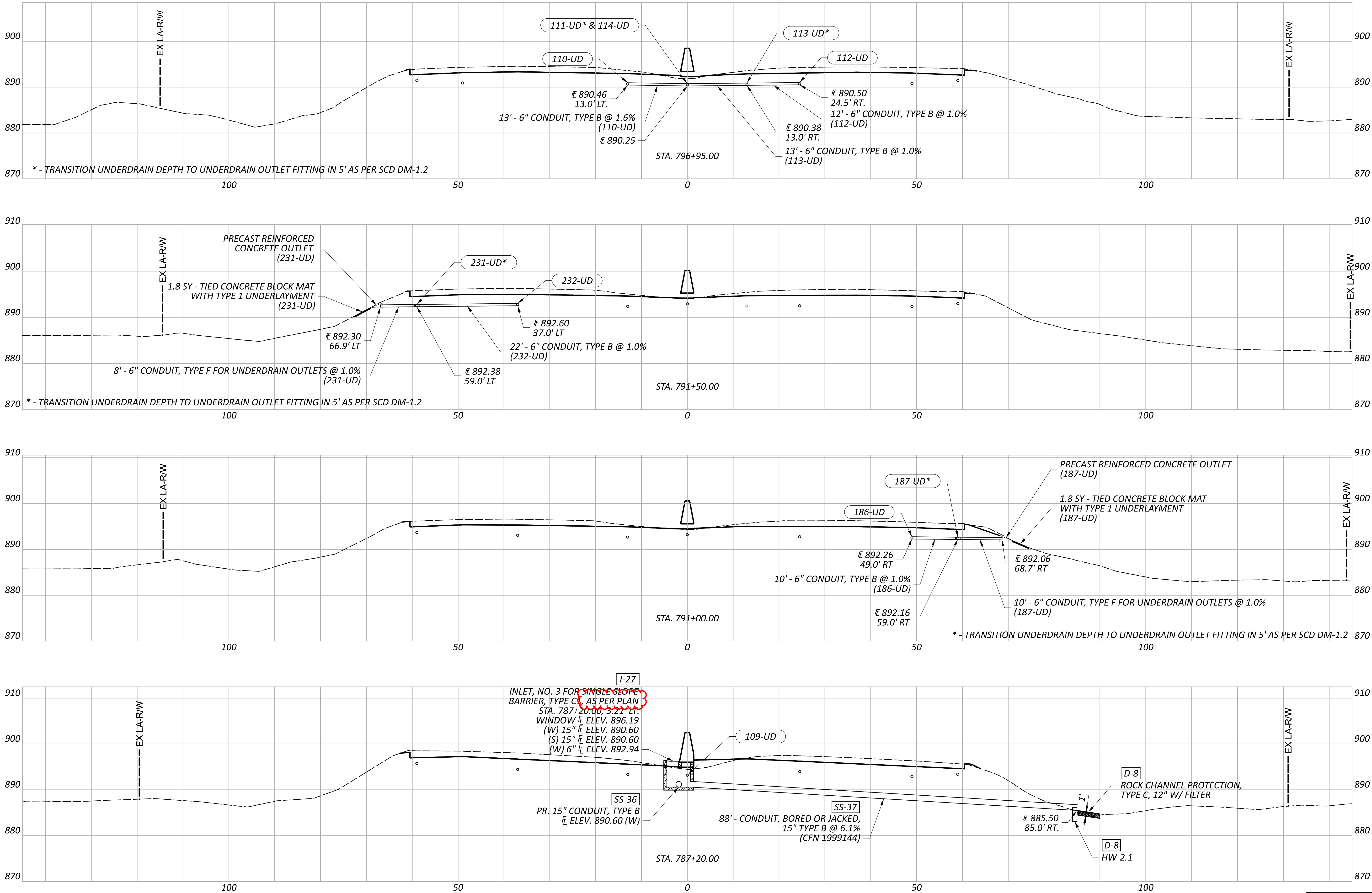
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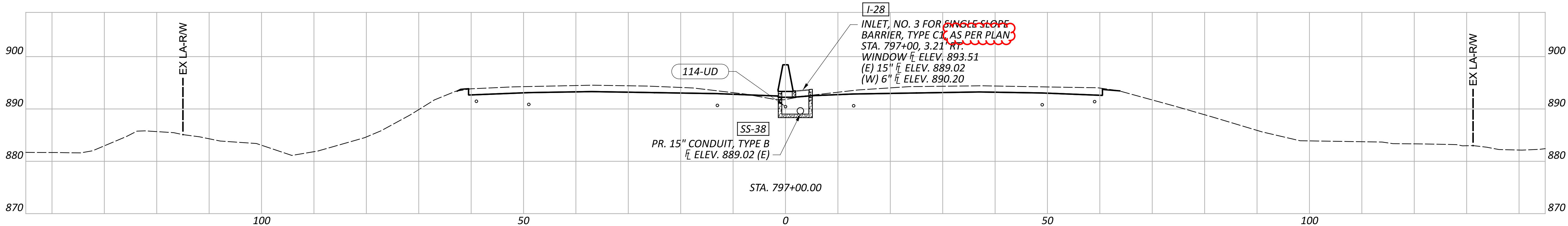
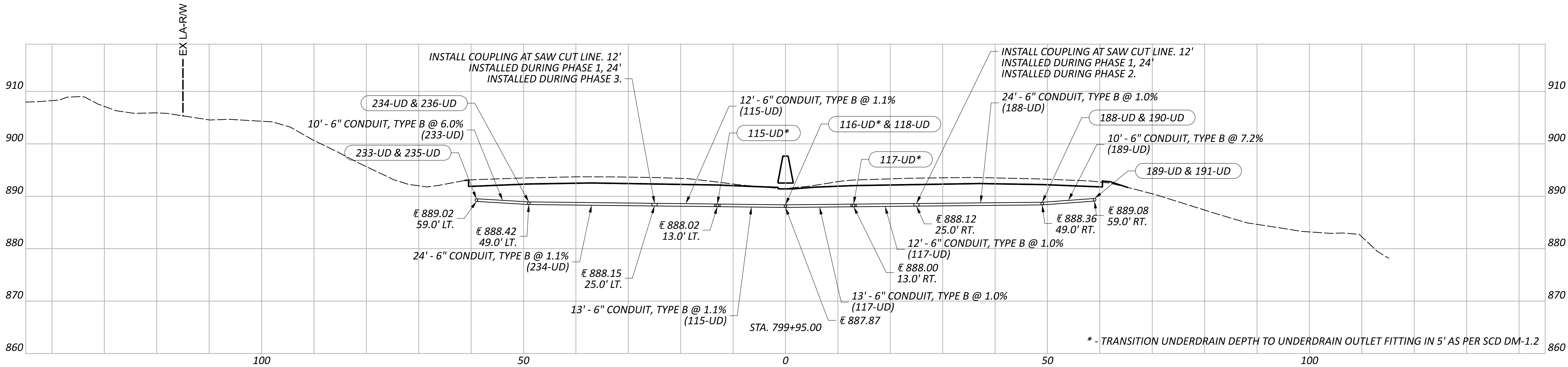
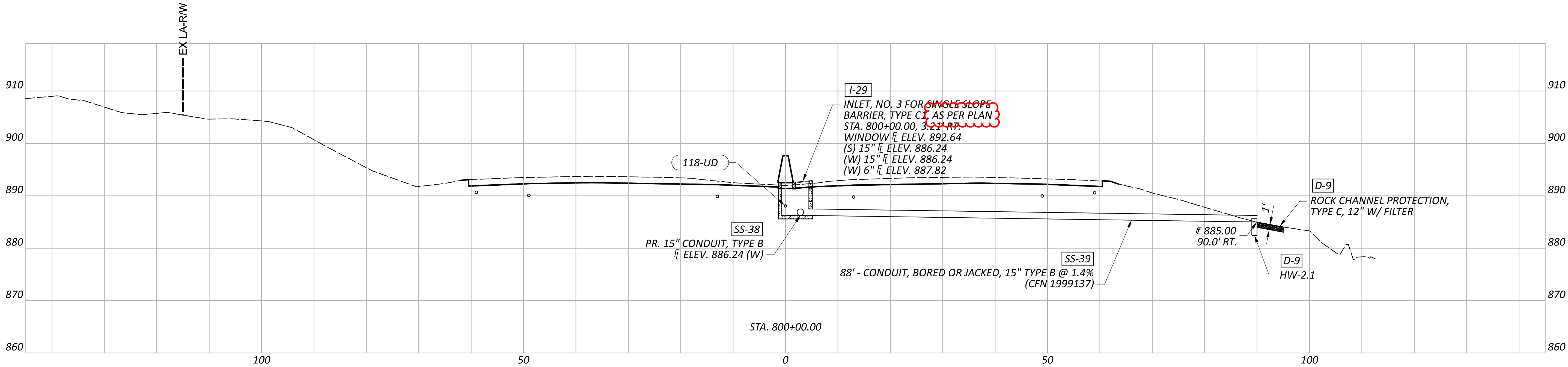
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SHEET TOTAL

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DRAINAGE PROFILES - S.R. 16
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DESIGN AGENCY



DESIGNER

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CMY 09/05/25

PROJECT ID

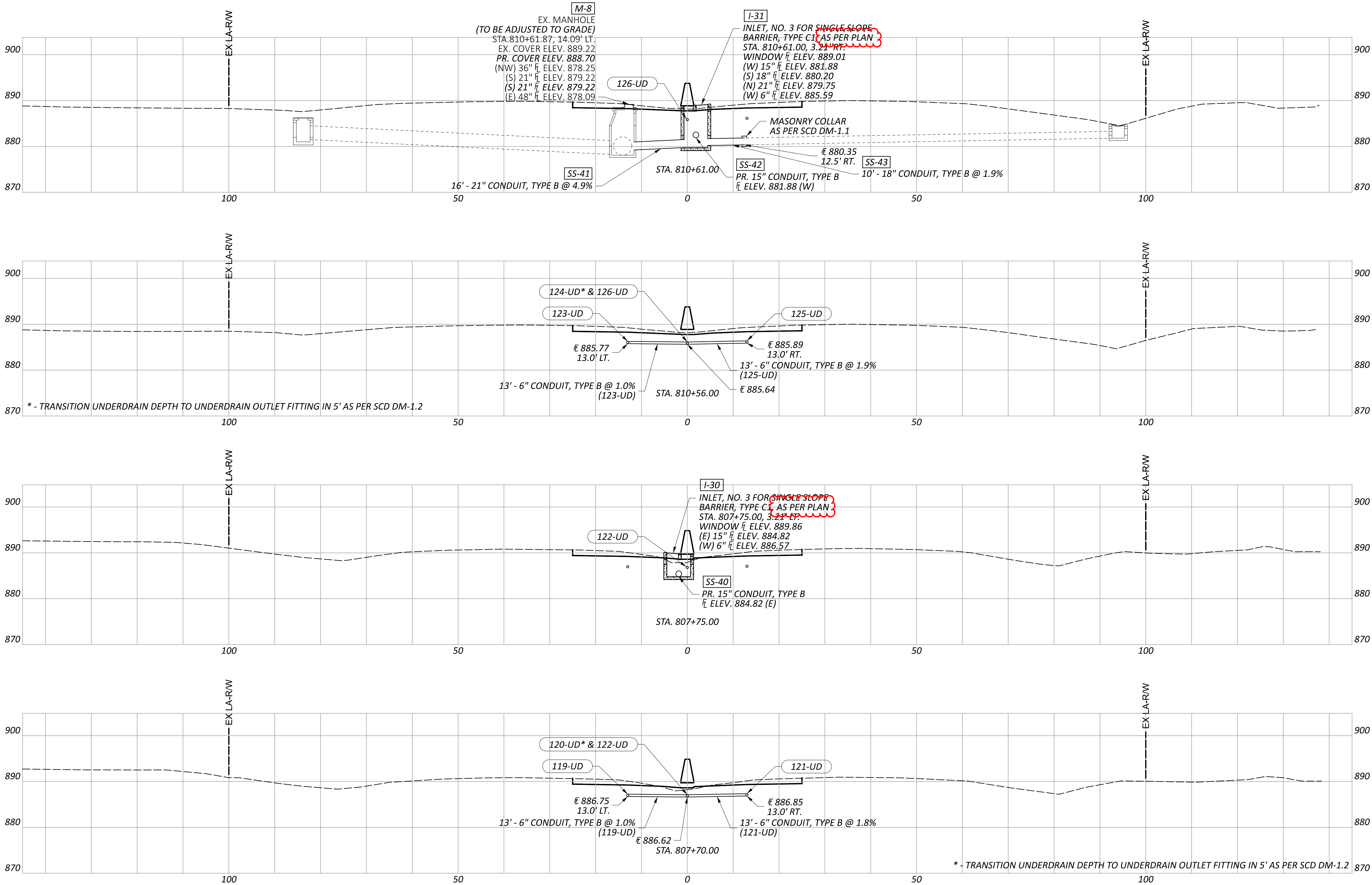
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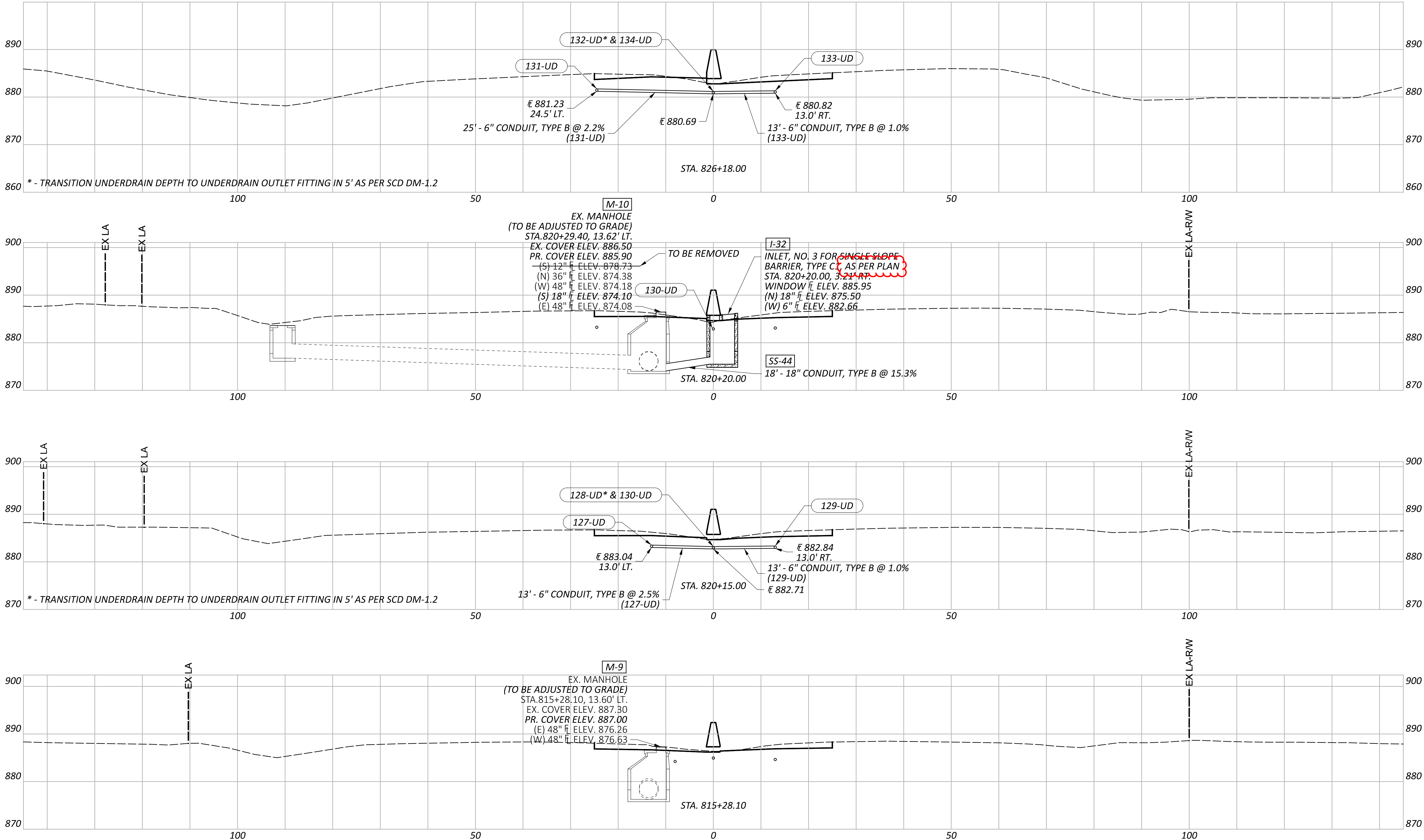
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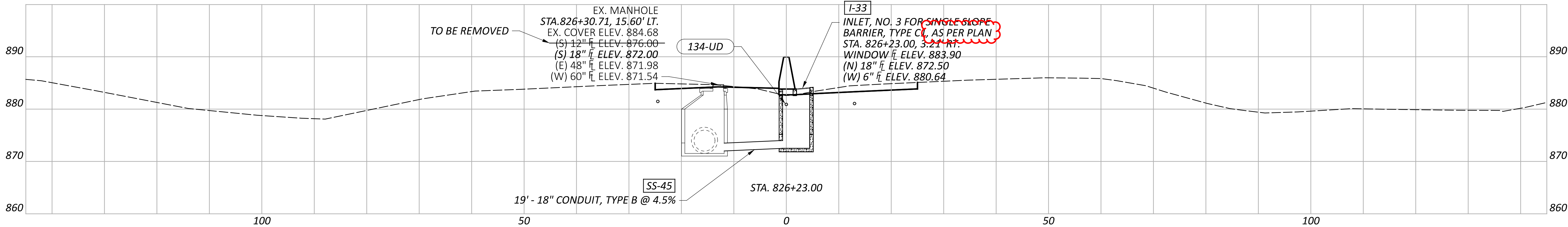
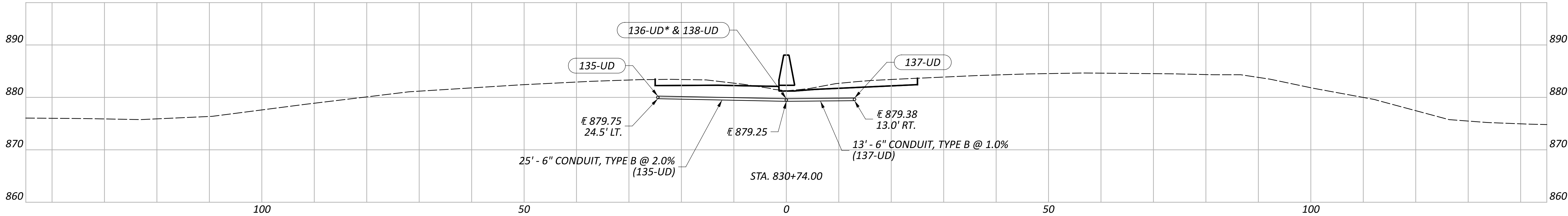
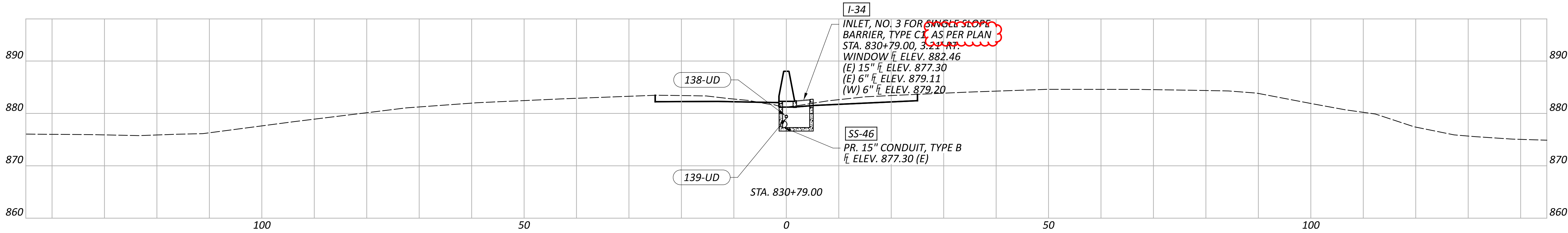
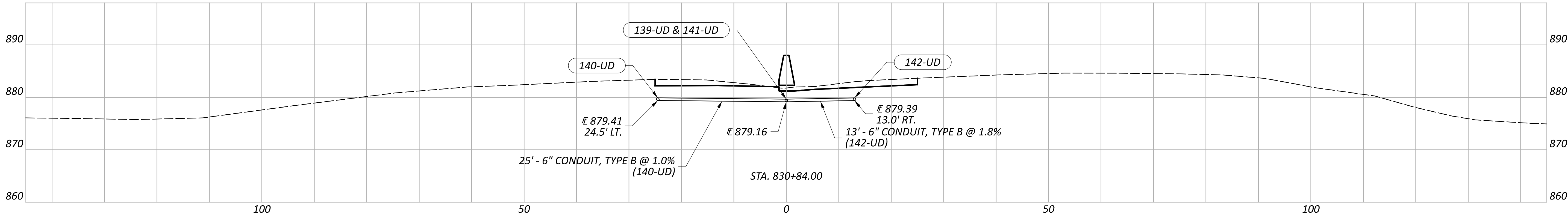
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DESIGN AGENCY



DESIGNER

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REVIEWER

CMY 09/05/25

PROJECT ID

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Sheet Totals

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SHEET TOTAL

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