

STATE OF OHIO DEPARTMENT OF TRANSPORTATION

D12-PPM-FY2025

FEDERAL PROJECT NUMBER

E241108

RAILROAD INVOLVEMENT

NONE

PROJECT DESCRIPTION

District Pavement Preventive Maintenance Contract For SFY 2025
WORK LOCATIONS 1A, 1B & 2
(See Sheets 2 & 3 for Work Descriptions and Locations)

EARTH DISTURBED AREAS

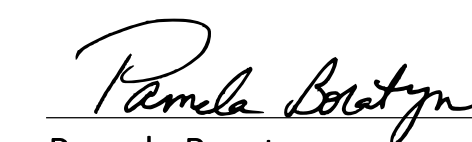
PROJECT EARTH DISTURBED AREA: N/A
ESTIMATED CONTRACTOR EARTH DISTURBED AREA: N/A
NOTICE OF INTENT EARTH DISTURBED AREA: N/A (NOI not required)*
* Routine Maintenance Project

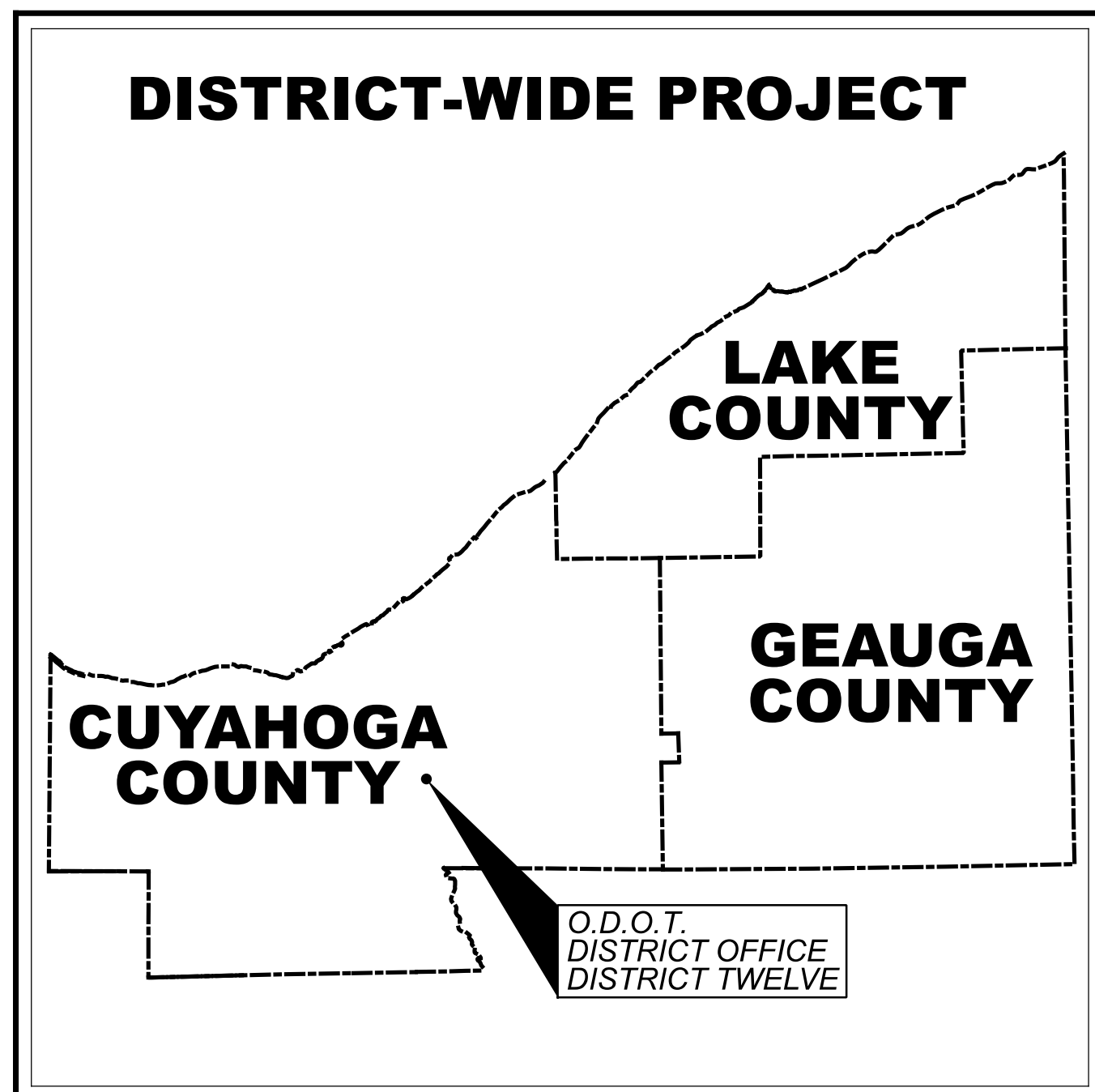
2023 SPECIFICATIONS

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PLANS, CHANGES LISTED IN THE PROPOSAL, AND THE SUPPLEMENTAL SPECIFICATION 800 VERSION INDICATED ON THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.

I HEREBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF THIS IMPROVEMENT WILL NOT REQUIRE THE CLOSING TO TRAFFIC OF THE HIGHWAY AND THAT PROVISIONS FOR THE MAINTENANCE AND SAFETY OF TRAFFIC WILL BE AS SET FORTH ON THE PLANS AND ESTIMATES.


John Picuri, P.E., P.S.
District 12 Deputy Director


Pamela Boratyn
Director, Department of Transportation



LOCATION MAP

LATITUDE: 41 °24'54" LONGITUDE: 81 °36'54"



SPECIFIC WORK LOCATIONS

- SPECIFIC WORK LOCATION 1A - LAKE COUNTY**
I.R.-90 (SLM 6.98 to SLM 13.10)
LATITUDE: 41 °38'09"± LONGITUDE: 81 °23'06"±
- SPECIFIC WORK LOCATION 1B - LAKE COUNTY**
I.R.-90 (SLM 13.10 to SLM 21.43)
LATITUDE: 41 °39'30"± LONGITUDE: 81 °16'24"±
- SPECIFIC WORK LOCATION 2 - CUYAHOGA COUNTY**
S.R.- 8 (SLM 0.00 to SLM 1.25)
LATITUDE: 41 °21'01"± LONGITUDE: 81 °31'36"±

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DESIGN EXCEPTIONS

NONE

ADA DESIGN WAIVERS

NONE

UNDERGROUND UTILITIES
Contact Two Working Days
Before You Dig


OHIO811.org
Before You Dig

OHIO811, 8-1-1, or 1-800-362-2764
(Non members must be called directly)

PLAN PREPARED BY:
O.D.O.T. DISTRICT 12
PLANNING AND ENGINEERING
5500 TRANSPORTATION BLVD.
GARFIELD HEIGHTS, OH 44125

ENGINEER'S SEAL



STANDARD CONSTRUCTION DRAWINGS						SUPPLEMENTAL SPECIFICATIONS		SPECIAL PROVISIONS	
BP-2.1	1/21/22		MT-95.30	7/19/19	MT-101.90	7/17/20	TC-41.20	10/18/13	800-2023 7/19/2024
BP-2.2	1/15/21						TC-41.30	4/21/23	
BP-3.1	1/19/24		MT-95.45	7/21/23			TC-41.40	10/18/13	821 4/20/12
			MT-95.50	7/21/17	MT-104.10	1/19/24	TC-42.20	10/18/13	832 7/19/24
							TC-52.10	10/18/13	
			MT-97.12	1/20/17	MT-105.10	1/17/20			
							TC-52.20	1/15/21	
			MT-98.10	1/17/20			TC-65.10	1/17/14	
			MT-98.11	1/17/20			TC-65.11	1/19/24	921 7/19/24
			MT-98.20	4/19/19			TC-71.10	4/21/23	
			MT-98.22	1/17/20			TC-72.20	7/21/23	
			MT-98.28	1/17/20					
			MT-99.20	4/19/19			TC-82.10	7/19/19	

D12-PPM-FY2025 Addendum - R4

MODEL: Sheet PAPER: 34x22 (in.) DATE: 1/13/2025 TIME: 4:53:07 PM USER: jgrmorse p:\ohiodot-pw-bentley.com\ohiodot-pw-02\Documents\01 Active Projects\District 12_D12\113132\400-Engineering\Roadway\Sheets\113132_GT001.dgn

TITLE SHEET

DESIGN AGENCY



DESIGNER

JAG

REVIEWER

DAB 10/11/24

PROJECT ID

113132

SHEET TOTAL

P.01 42

PAVEMENT

Alignment And Profile

Place the proposed pavement to follow the alignment and profile of the existing pavement. Place the proposed asphalt concrete overlay as shown on the typical sections. The intent of the plans is to maintain the existing profile while smoothing out ruts and bumps.

Asphalt Concrete Surface Course Sealing Requirements

In addition to the gutter sealing requirements specified in SCD BP-3.1 and C&MS 401.15, after completion of the surface course, the Contractor shall use a certified 702.01 PG binder to seal the following locations:

- All castings including but not limited to monuments, manholes, water valves, catch basins, curb inlets.
- Butt joints and feather joints including bridge approaches.
- Forward joint for driveway asphalt and trailing joint when butting to existing asphalt drive.
- Perimeter of all pavement repairs or other asphalt inlays when pavement repairs/inlays are not overlaid with an asphalt concrete surface course.
- All cold longitudinal joints between paved shoulders and guardrail asphalt.

The material used shall be a certified 702.01 PG binder. The width of the sealer shall be 2-3 inches.

Any additional costs associated with the work identified in this note shall be included in the appropriate asphalt concrete surface course item of work.

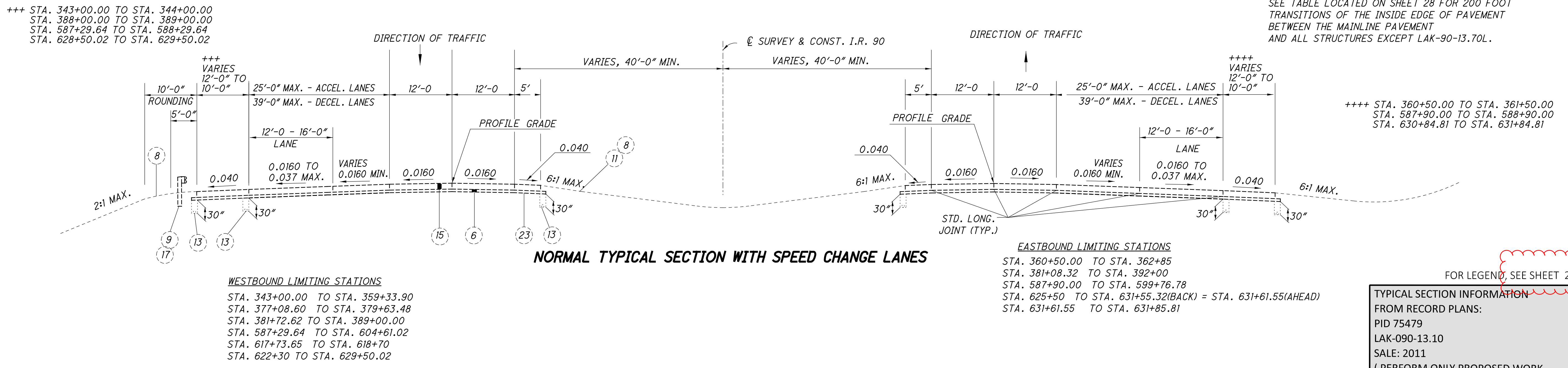
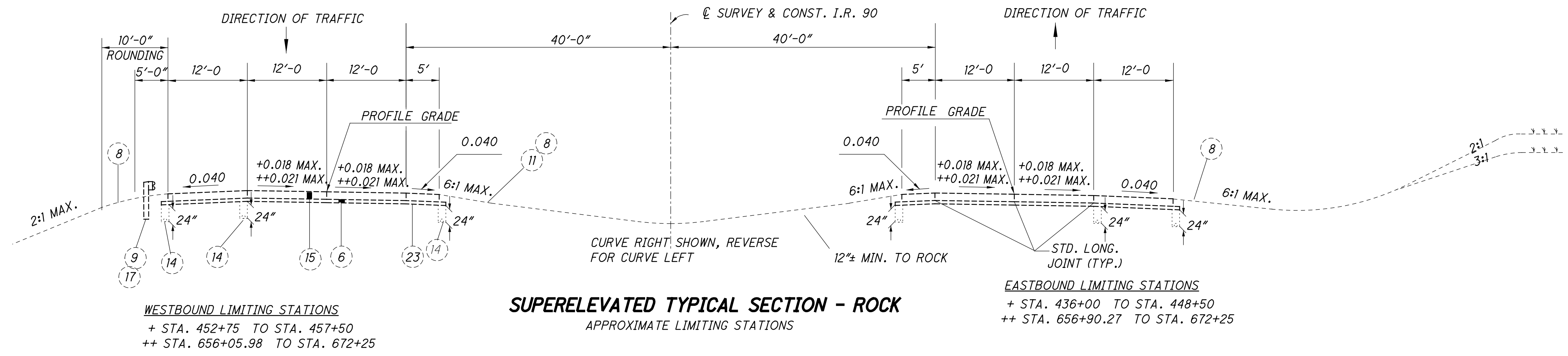
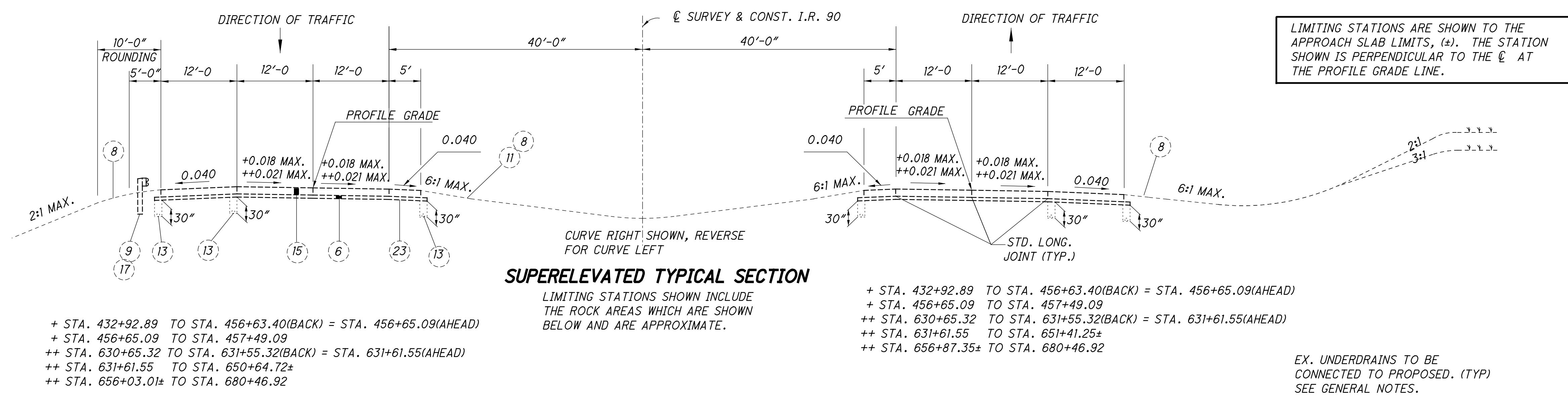
Planned Surfaces

The duration of time between milling and placement of the surface course shall be no longer than ten (10) days. The time limit shall begin on the first day of planing, and shall continue based on calendar days, minus any bad weather days, until completion of the asphalt concrete surface course.

This is to ensure that the potential degradation of the exposed pavement due to traffic is kept to a minimum.

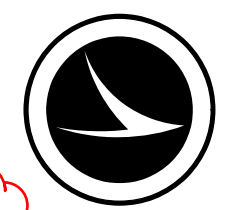
In the event that the time between exposing the existing pavement and placing the asphalt concrete surface course exceeds 10 calendar days, liquidated damages as per 108.07 of the C&MS shall be assessed.





LIMITING STATIONS ARE SHOWN TO THE APPROACH SLAB LIMITS, (+). THE STATION SHOWN IS PERPENDICULAR TO THE @ AT THE PROFILE GRADE LINE.

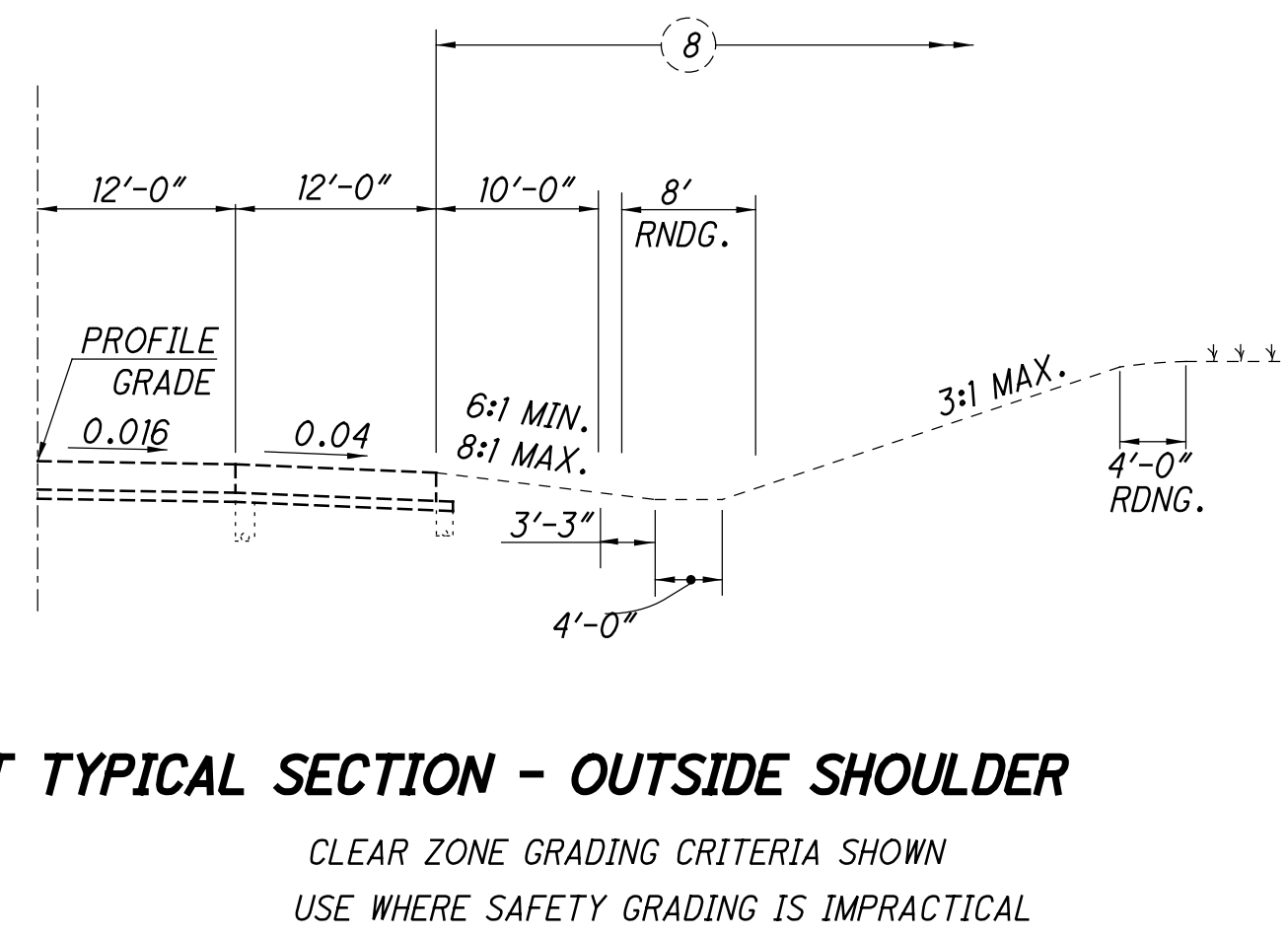
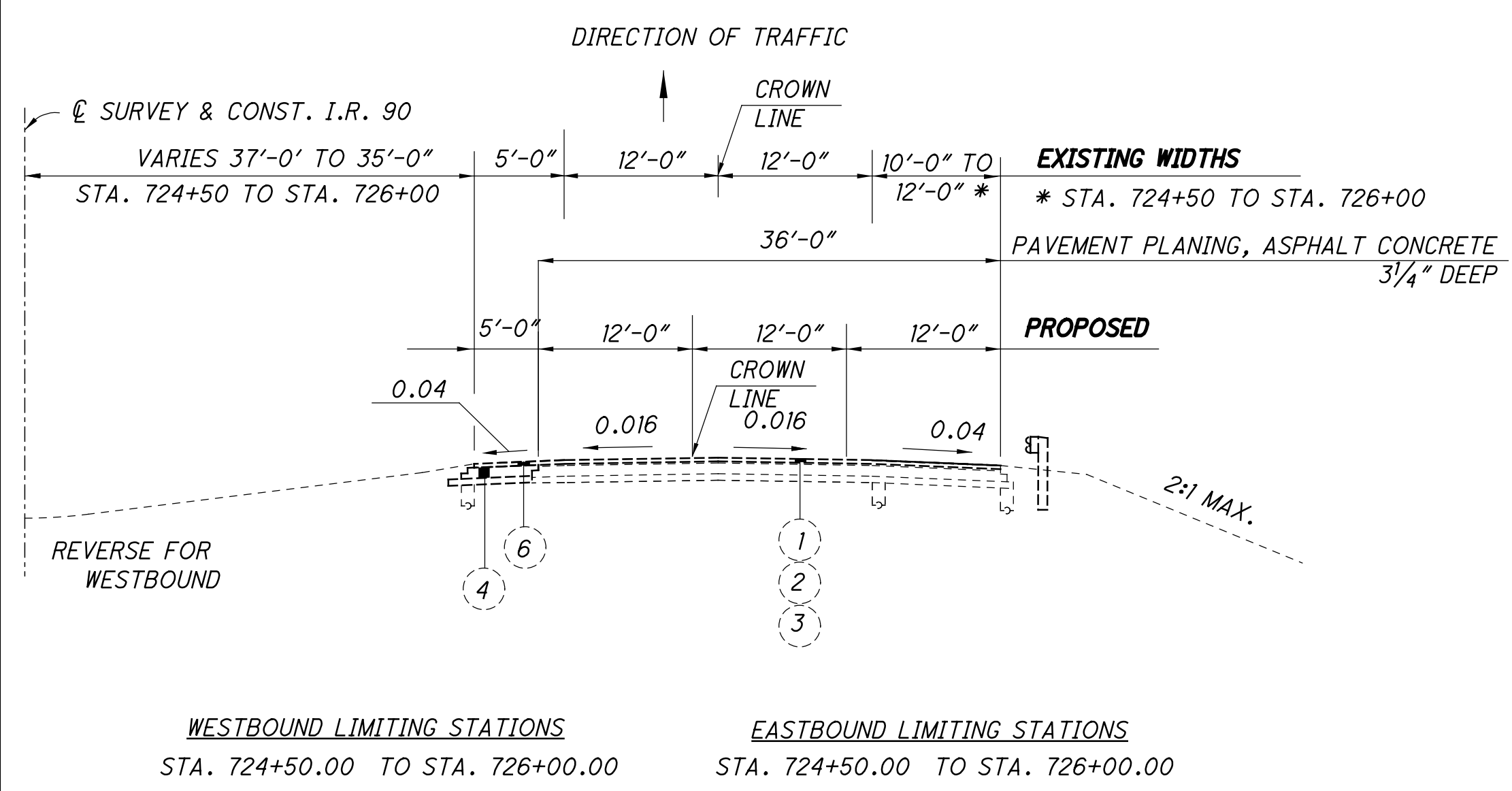
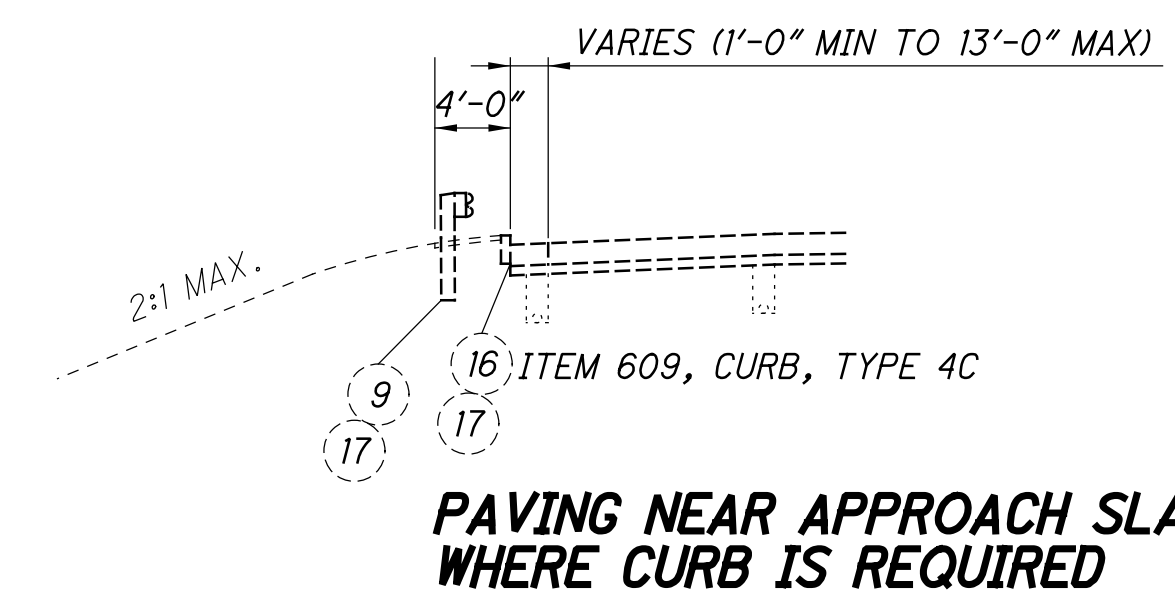
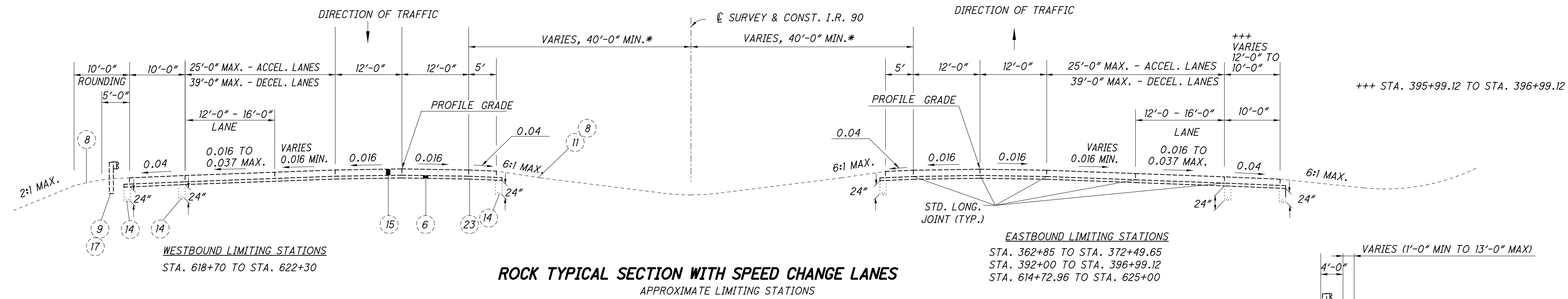
DESIGN AGENCY



FOR LEGEND, SEE SHEET 26

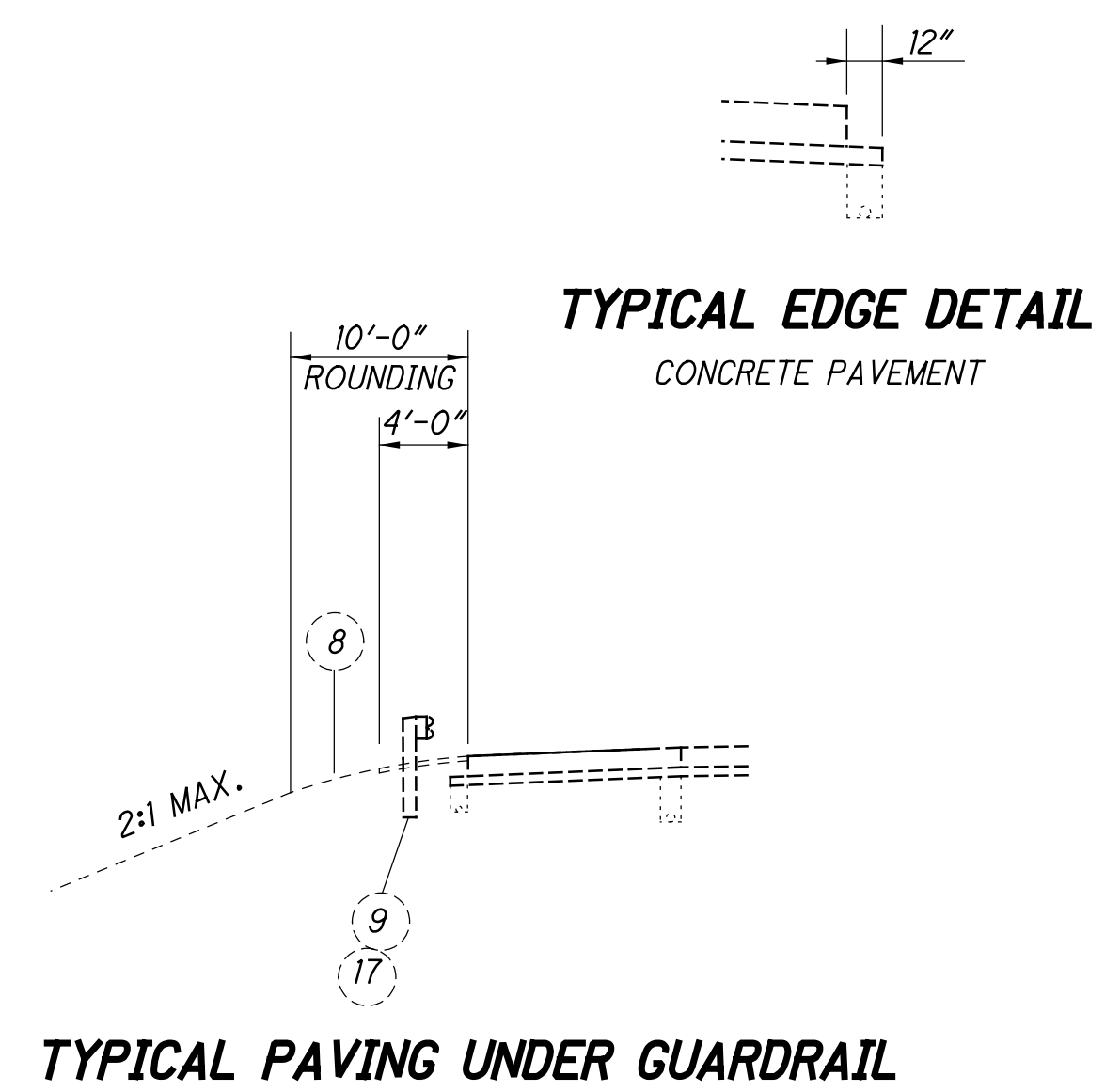
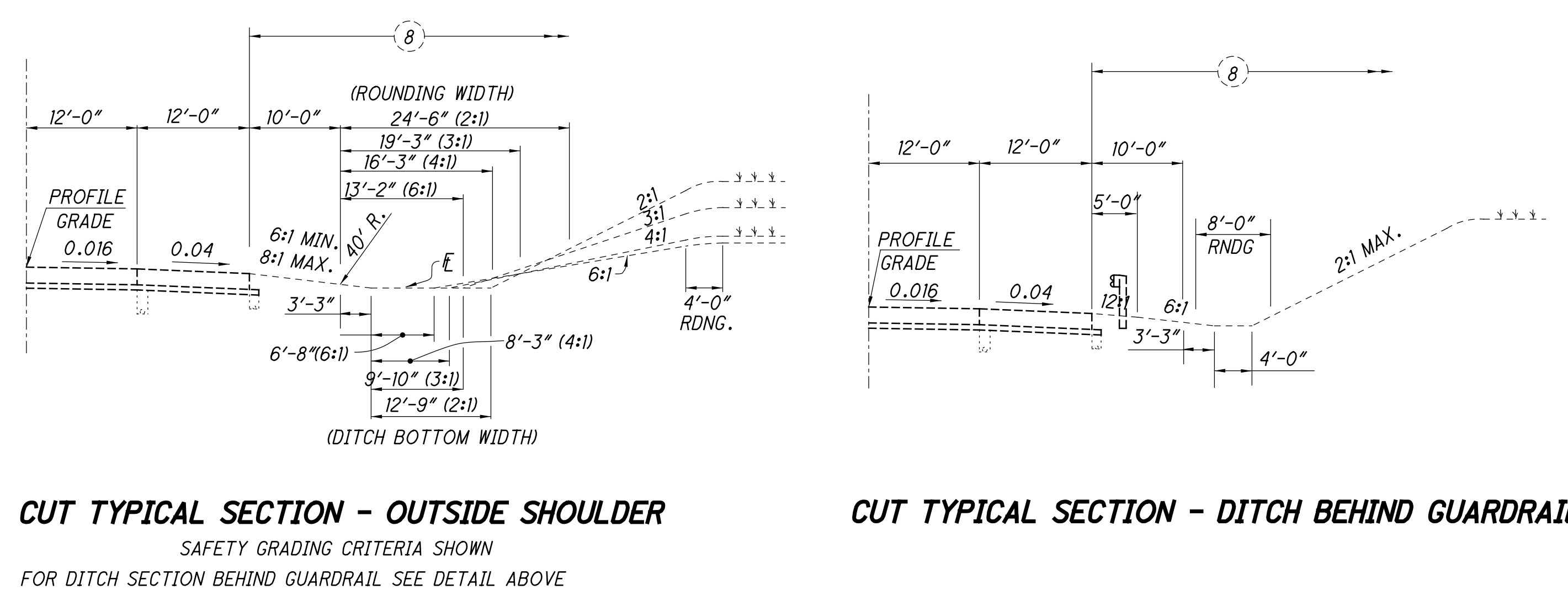
TYPICAL SECTION INFORMATION	
FROM RECORD PLANS:	
PID 75479	
LAK-090-13.10	
SALE: 2011	
(PERFORM ONLY PROPOSED WORK FOR PID 113132)	

DESIGNER	JAG
REVIEWER	PID 10/11/24
PROJECT ID	113132
SHEET	TOTAL
P.27	42



MAINLINE PAVEMENT SHIFTS
INSIDE EDGE OF PAVEMENT SHIFTS

EASTBOUND		WESTBOUND	
STATION	OFFSET	STATION	OFFSET
286+31.50	102.5	286+31.50	102.5
288+31.50	100.5	288+31.50	100.5
314+50	100.5	316+00	100.5
316+50	102.5	318+00	100.5
319+50	102.5	320+50	100.5
321+50	100.5	322+50	100.5
376+50	40.0	377+00	40.0
378+50	41.0	379+00	42.0
381+50	41.0	382+00	42.0
383+50	40.0	384+00	40.0
457+50	40.0	457+50	40.0
459+50	41.0	459+50	41.0
464+50	41.0	464+50	41.0
466+50	40.0	466+50	40.0
649+00	40.0	648+00	40.0
651+00	41.0	650+00	41.0
657+50	41.0	656+50	41.0
659+50	40.0	658+50	40.0
705+50	40.0	705+50	40.0
707+50	41.0	707+50	41.0
709+50	41.0	709+50	41.0
711+50	40.0	711+50	40.0

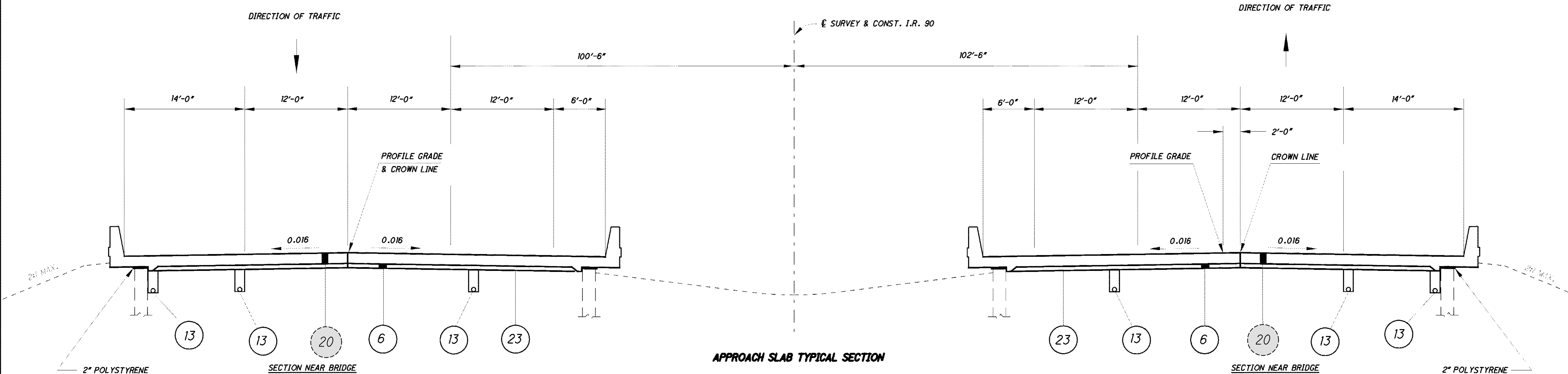


FOR LEGEND, SEE SHEET 26

TYPICAL SECTION INFORMATION

FROM RECORD PLANS:
PID 75479
LAK-090-13.10
SALE: 2011
(PERFORM ONLY PROPOSED WORK FOR PID 113132)

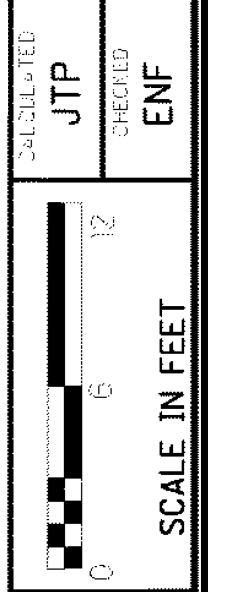
DESIGN AGENCY	JAG
DESIGNER	JAG
REVIEWER	DAB
PROJECT ID	10/11/24
	113132
SHEET	TOTAL
P.28	42



APPROACH SLAB TYPICAL SECTION

APPROACH SLAB TYPICAL SECTIONS
LAK-90-1370 L&R (OVER HERMITAGE ROAD)

LAK-90-13.10

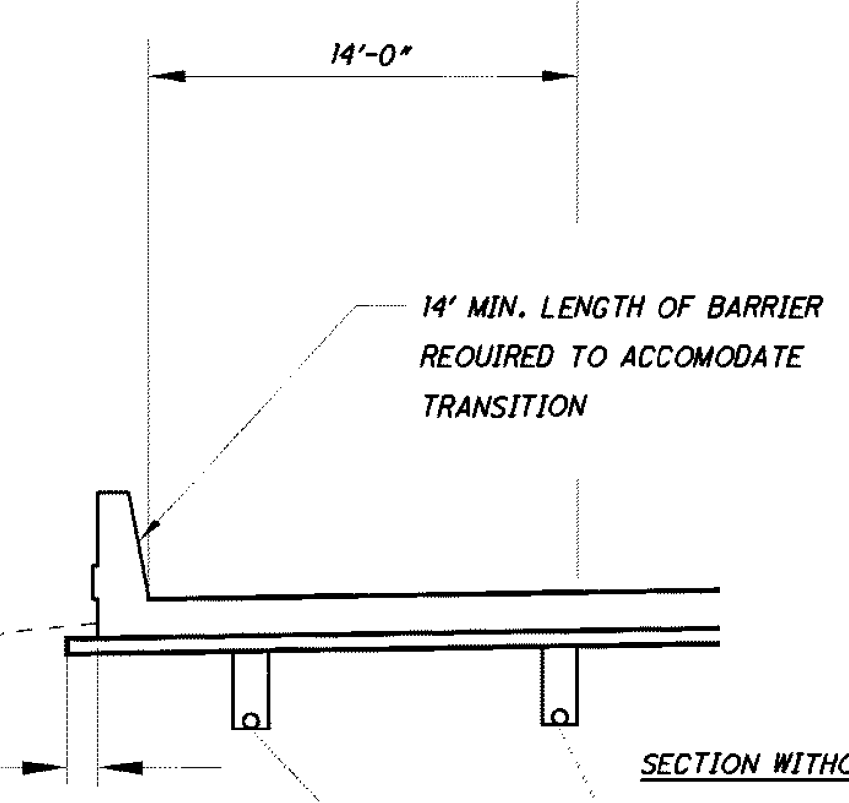


WESTBOUND LIMITING STATIONS (ALONG SKEW)	
STA. 317+73.28± TO STA. 317+98.28±	= 25.00'
STA. 319+36.04± TO STA. 319+61.04±	= 25.00'

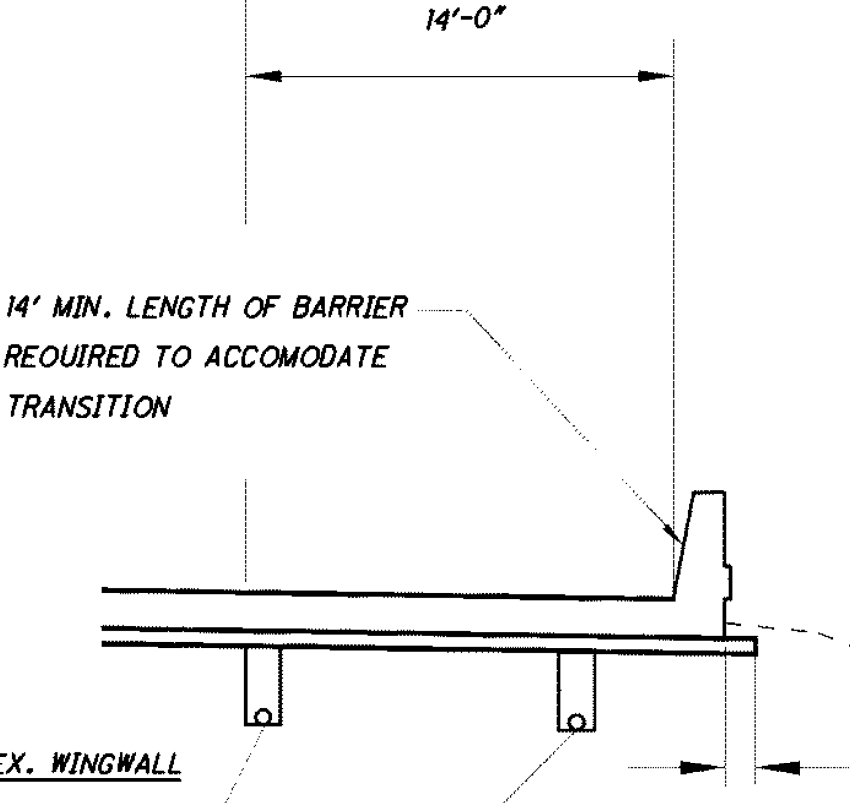
WESTBOUND LIMITING STATIONS (PERPENDICULAR TO PGL)	
STA. 318+46.03± TO STA. 318+71.03±	= 25.00'
STA. 320+07.46± TO STA. 320+32.46±	= 25.00'

EASTBOUND LIMITING STATIONS (ALONG SKEW)	
STA. 317+61.69± TO STA. 317+86.69±	= 25.00'
STA. 319+46.63± TO STA. 319+71.63±	= 25.00'

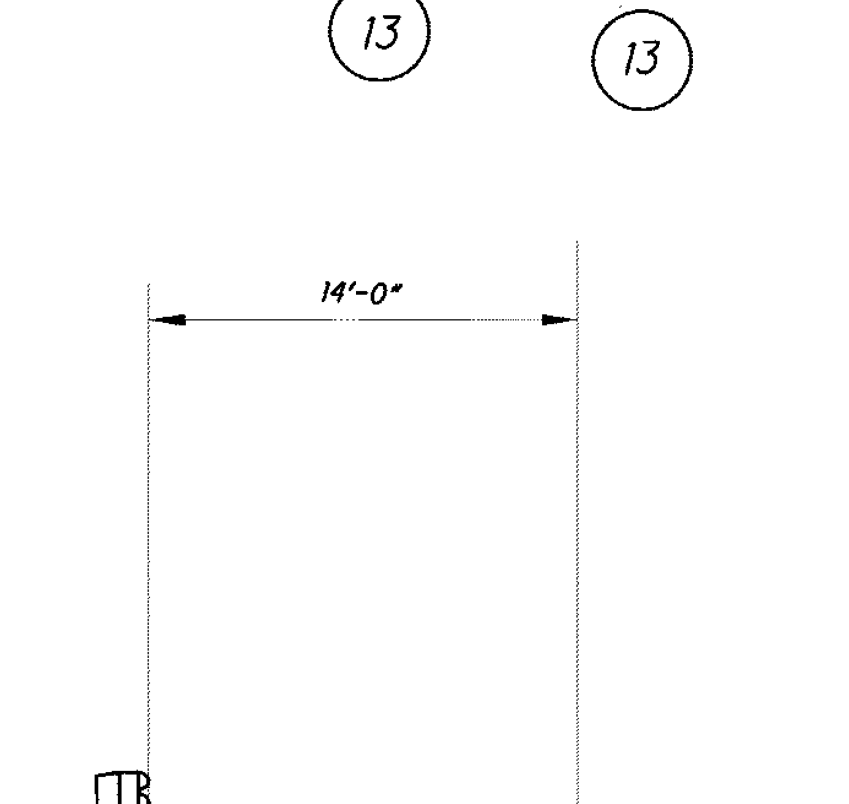
EASTBOUND LIMITING STATIONS (PERPENDICULAR TO PGL)	
STA. 316+89.11± TO STA. 317+14.11±	= 25.00'
STA. 318+74.67± TO STA. 318+99.67±	= 25.00'



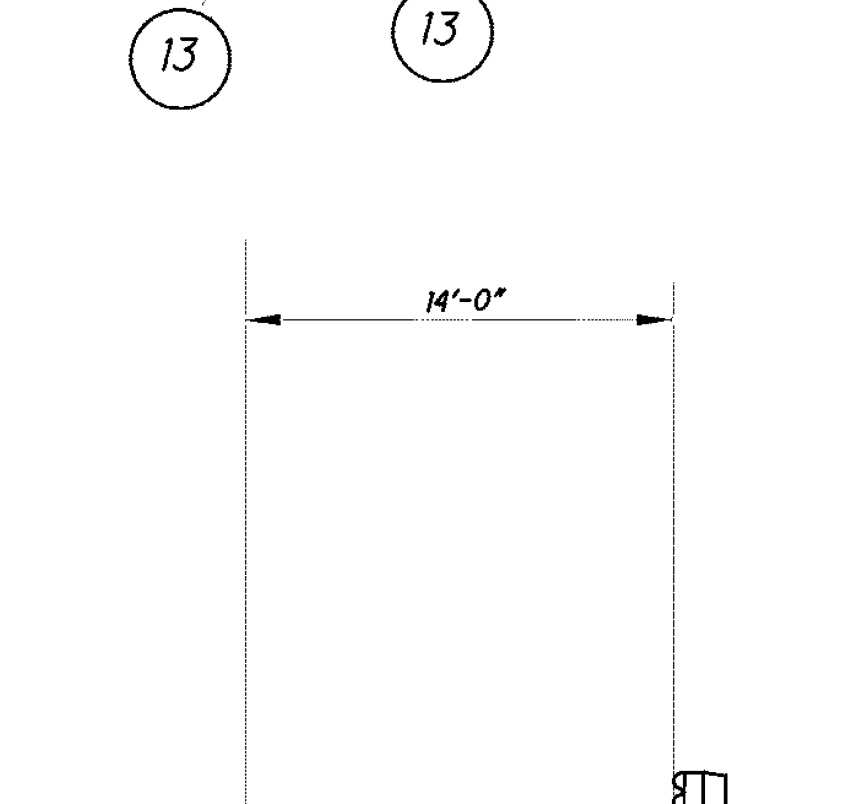
SECTION NEAR BRIDGE



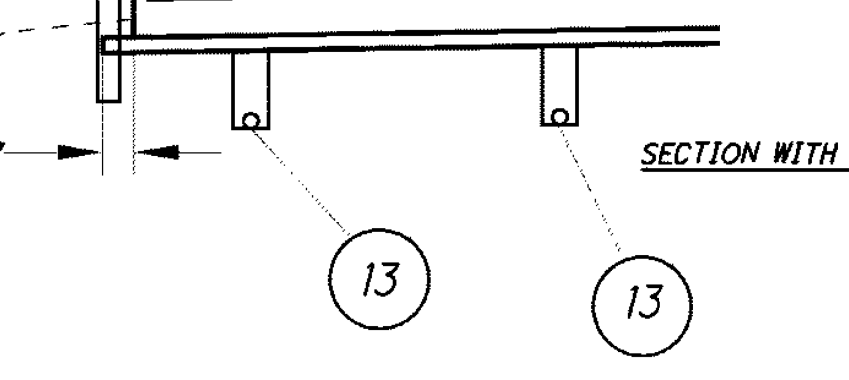
SECTION NEAR BRIDGE



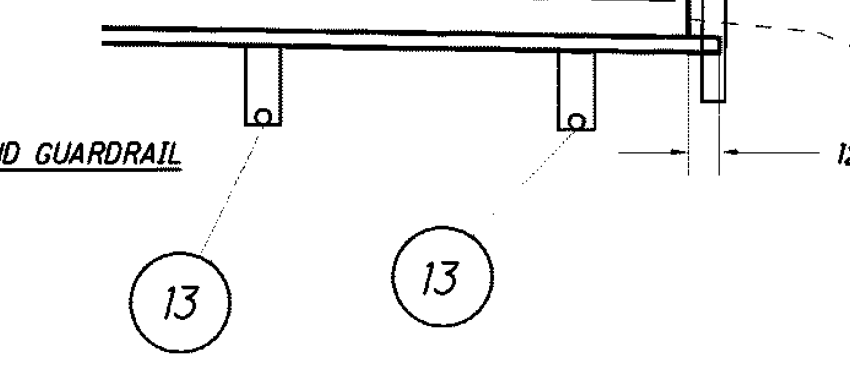
SECTION WITHOUT EX. WINGWALL



SECTION WITHOUT EX. WINGWALL



SECTION WITH CURB AND GUARDRAIL



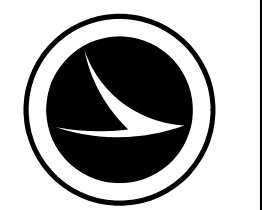
SECTION WITH CURB AND GUARDRAIL

FOR LEGEND, SEE SHEET 26

TYPICAL SECTION INFORMATION
FROM RECORD PLANS:
PID 75479
LAK-090-13.10
SALE: 2011
(PERFORM ONLY PROPOSED WORK
FOR PID 113132)

LOCATION 1B - I.R.-90 - EXISTING TYPICAL SECTIONS - APPROACH SLABS

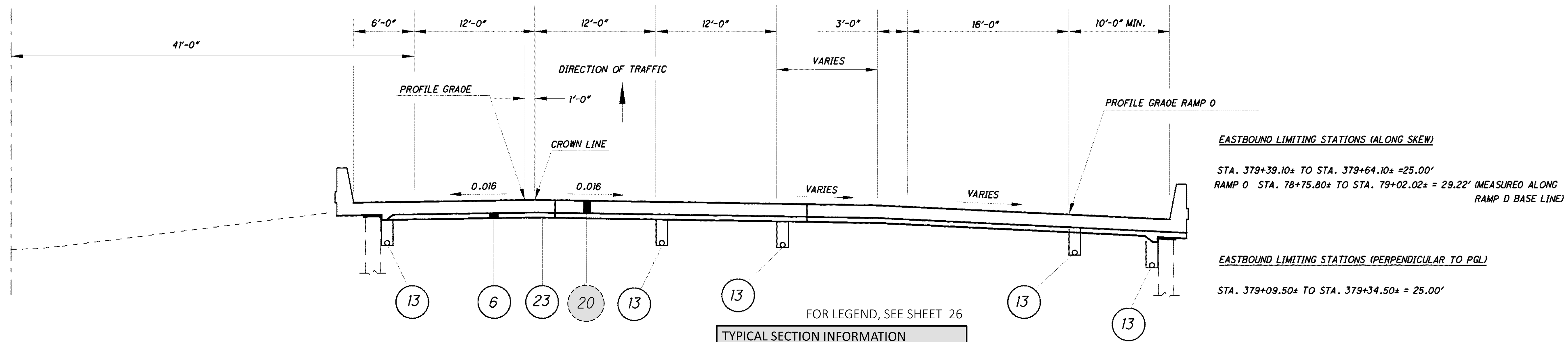
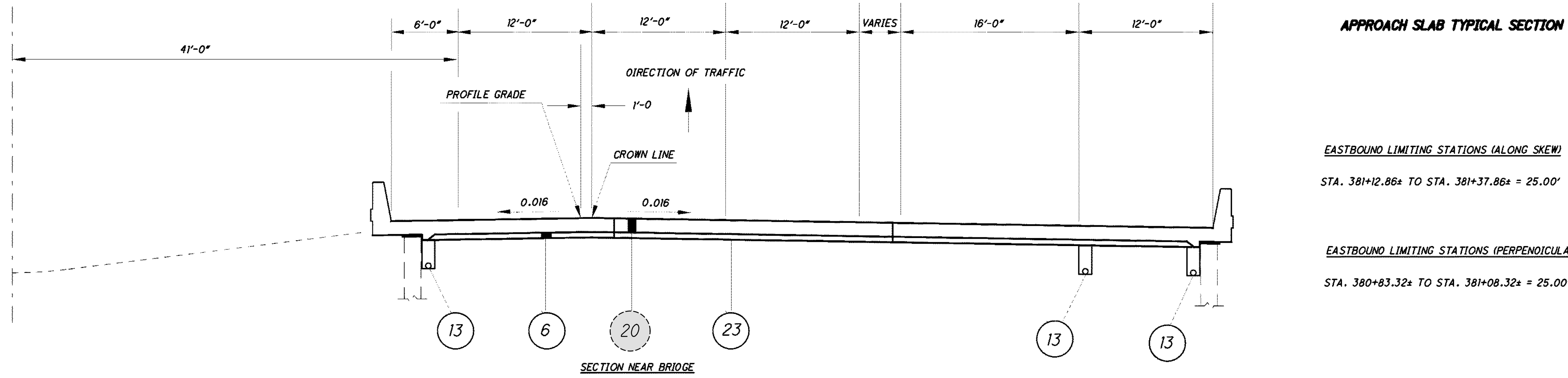
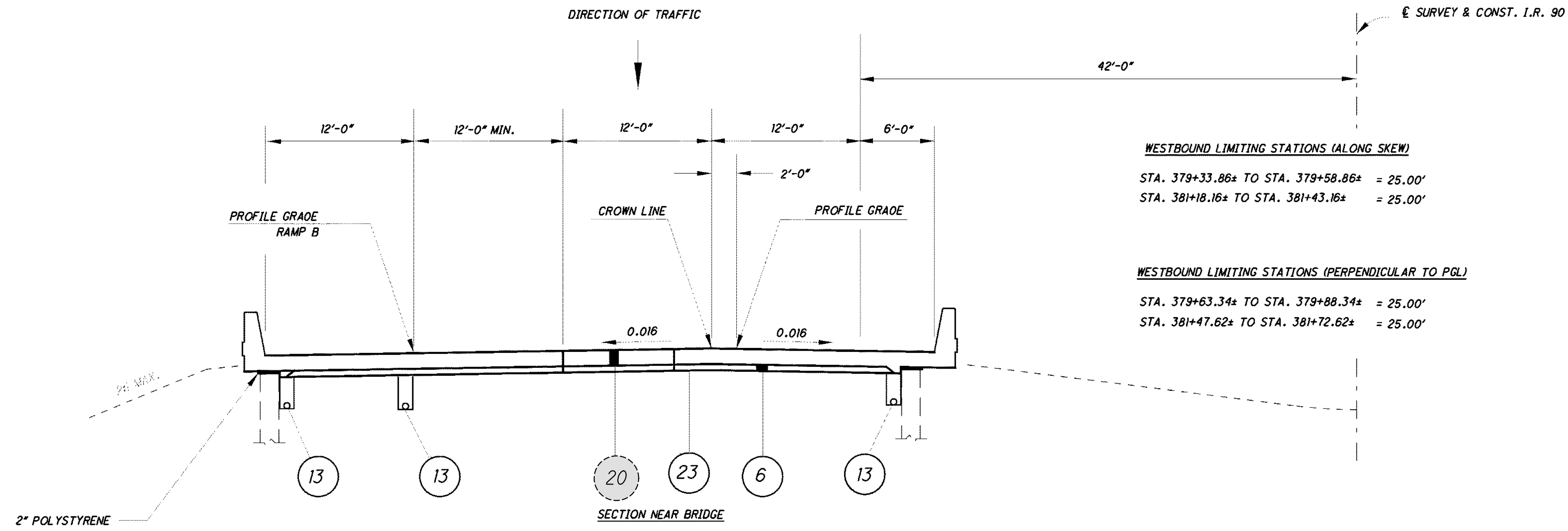
DESIGN AGENCY



DESIGNER	JAG
REVIEWER	DAB
DATE	10/11/24
PROJECT ID	113132
SHEET	TOTAL
P.28A	42

17
1141

SEE SHEET 14 FOR SECTION WITHOUT EX. WINGWALL AND SECTION WITH CURB AND GUARDRAIL



FOR LEGEND, SEE SHEET 26

TYPICAL SECTION INFORMATION FROM RECORD PLANS:
 PID 75479
 LAK-090-13.10
 SALE: 2011
 (PERFORM ONLY PROPOSED WORK FOR PID 113132)

APPROACH SLAB TYPICAL SECTIONS LAK-90-1487 L&R (OVER AUBURN ROAD)

LAK-90-13.10

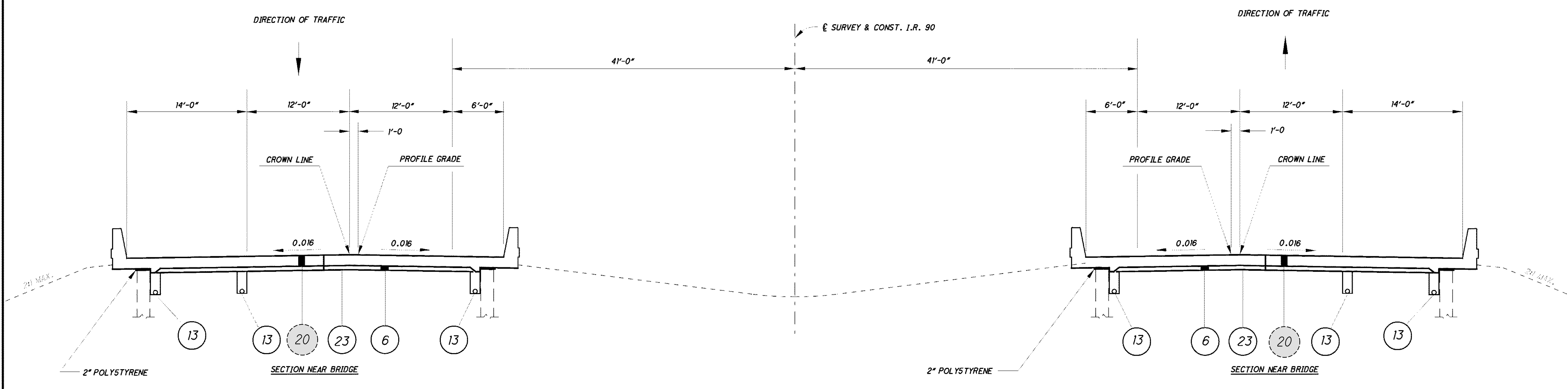
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6	6
12	12
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30	30
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42	42
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114	114
120	120

SCALE IN FEET

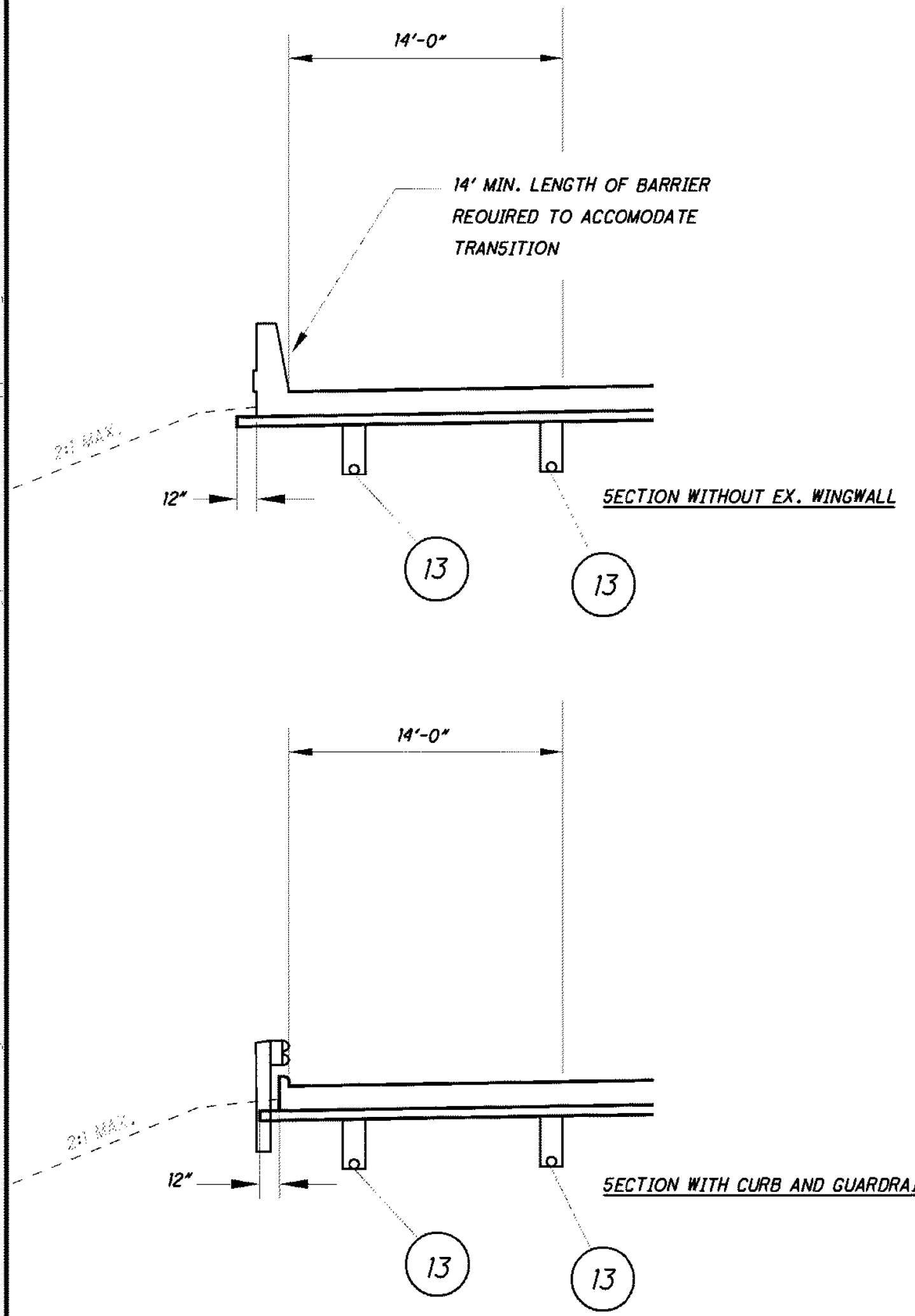
18
1141

DESIGN AGENCY	
DESIGNER	JAG
REVIEWER	DAB
DATE	10/11/24
PROJECT ID	113132
SHEET	P.28B
TOTAL	42

LOCATION 1B - I.R.-90 - EXISTING TYPICAL SECTIONS - APPROACH SLABS



APPROACH SLAB TYPICAL SECTION



WESTBOUND LIMITING STATIONS (ALONG SKEW)
 STA. 460+02.75± TO STA. 460+27.75± = 25.00'
 STA. 463+72.25± TO STA. 463+97.25± = 25.00'
 STA. 707+73.62± TO STA. 707+98.62± = 25.00'
 STA. 709+11.67± TO STA. 709+36.67± = 25.00'

WESTBOUND LIMITING STATIONS (PERPENDICULAR TO PGL)
 STA. 460+02.75± TO STA. 460+27.75± = 25.00'
 STA. 463+72.25± TO STA. 463+97.25± = 25.00'
 STA. 707+82.77± TO STA. 708+07.77± = 25.00'
 STA. 709+20.87± TO STA. 709+45.87± = 25.00'

EASTBOUND LIMITING STATIONS (ALONG SKEW)
 STA. 460+02.75± TO STA. 460+27.75± = 25.00'
 STA. 463+72.25± TO STA. 463+97.25± = 25.00'
 STA. 707+61.20± TO STA. 707+86.20± = 25.00'
 STA. 709+24.19± TO STA. 709+49.19± = 25.00'

EASTBOUND LIMITING STATIONS (PERPENDICULAR TO PGL)
 STA. 460+02.75± TO STA. 460+27.75± = 25.00'
 STA. 463+72.25± TO STA. 463+97.25± = 25.00'
 STA. 707+52.34± TO STA. 707+77.34± = 25.00'
 STA. 709+15.02± TO STA. 709+40.02± = 25.00'

FOR LEGEND, SEE SHEET 26

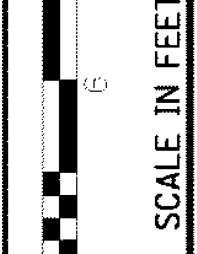
TYPICAL SECTION INFORMATION FROM RECORD PLANS:
 PID 75479
 LAK-090-13.10
 SALE: 2011
 (PERFORM ONLY PROPOSED WORK FOR PID 113132)

**APPROACH SLAB TYPICAL SECTIONS
 LAK-90-1641 L&R, LAK-90-2110 L&R**

LAK-90-13.10

19
1141

SUBMITTED JTP
 CHECKED 12
 ENF

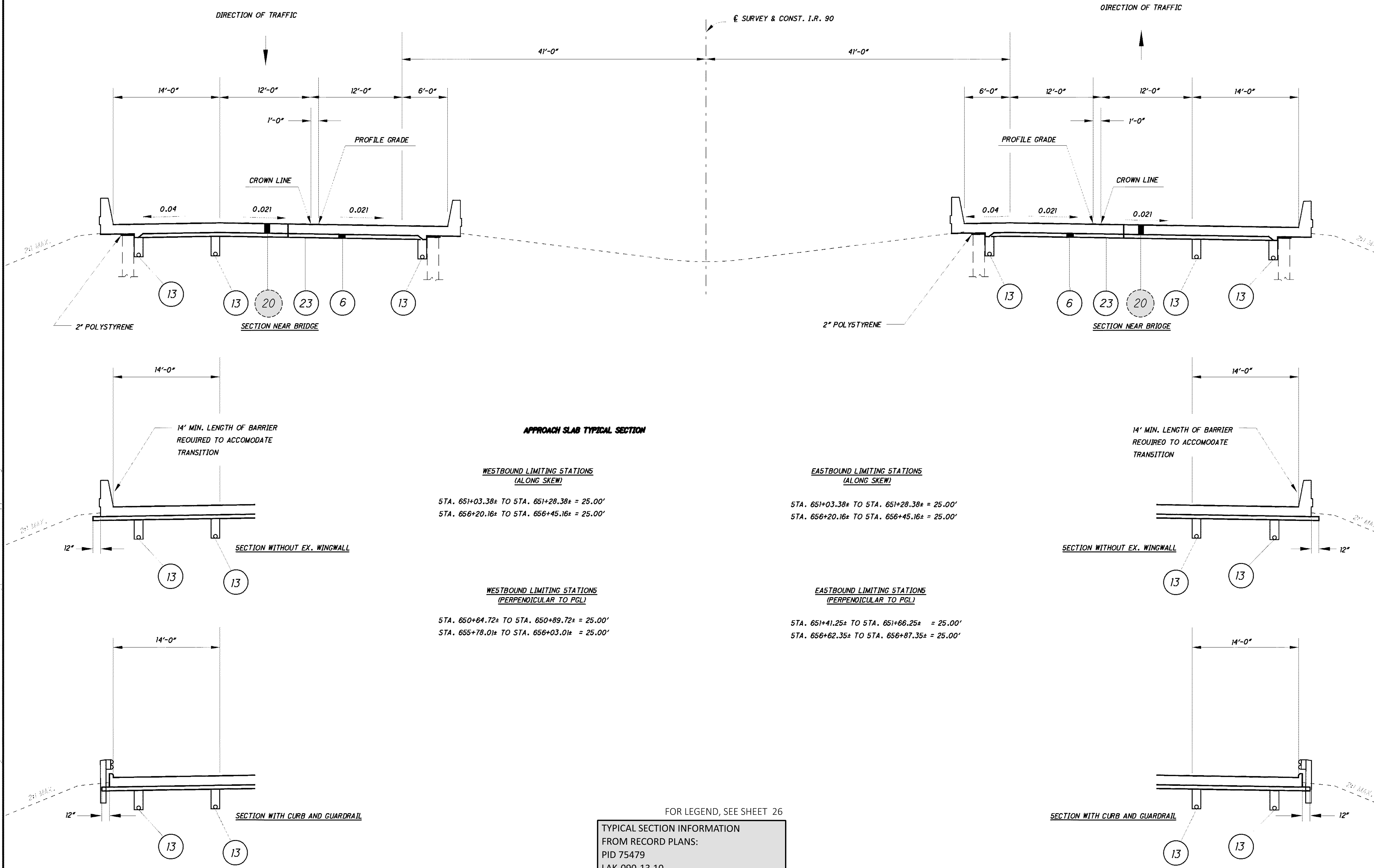


SCALE IN FEET

LOCATION 1B - I.R.-90 - EXISTING TYPICAL SECTIONS - APPROACH SLABS

DESIGN AGENCY

DESIGNER JAG
 REVIEWER DAB 10/11/24
 PROJECT ID 113132
 SHEET TOTAL P.28C 42



APPROACH SLAB TYPICAL SECTION

WESTBOUND LIMITING STATIONS (ALONG SKEW)
 STA. 651+03.38± TO STA. 651+28.38± = 25.00'
 STA. 656+20.16± TO STA. 656+45.16± = 25.00'

EASTBOUND LIMITING STATIONS (ALONG SKEW)
 STA. 651+03.38± TO STA. 651+28.38± = 25.00'
 STA. 656+20.16± TO STA. 656+45.16± = 25.00'

WESTBOUND LIMITING STATIONS (PERPENDICULAR TO PGL)
 STA. 650+64.72± TO STA. 650+89.72± = 25.00'
 STA. 655+78.01± TO STA. 656+03.01± = 25.00'

EASTBOUND LIMITING STATIONS (PERPENDICULAR TO PGL)
 STA. 651+41.25± TO STA. 651+66.25± = 25.00'
 STA. 656+62.35± TO STA. 656+87.35± = 25.00'

FOR LEGEND, SEE SHEET 26

TYPICAL SECTION INFORMATION FROM RECORD PLANS:
 PID 75479
 LAK-090-13.10
 SALE: 2011
 (PERFORM ONLY PROPOSED WORK FOR PID 113132)

APPROACH SLAB TYPICAL SECTIONS LAK-90-2003 L&R (OVER PAINE CREEK)

LAK-90-13.10

20
1141

DESIGN AGENCY	
DESIGNER	JAG
REVIEWER	DAB
DATE	10/11/24
PROJECT ID	113132
SHEET	TOTAL
P.28D	42

SCALE IN FEET

0 6 12

JTP
CREATED
ENF