

09/28/19

**TIP PROJECT: I-6001**

**CONTRACT: C205088**

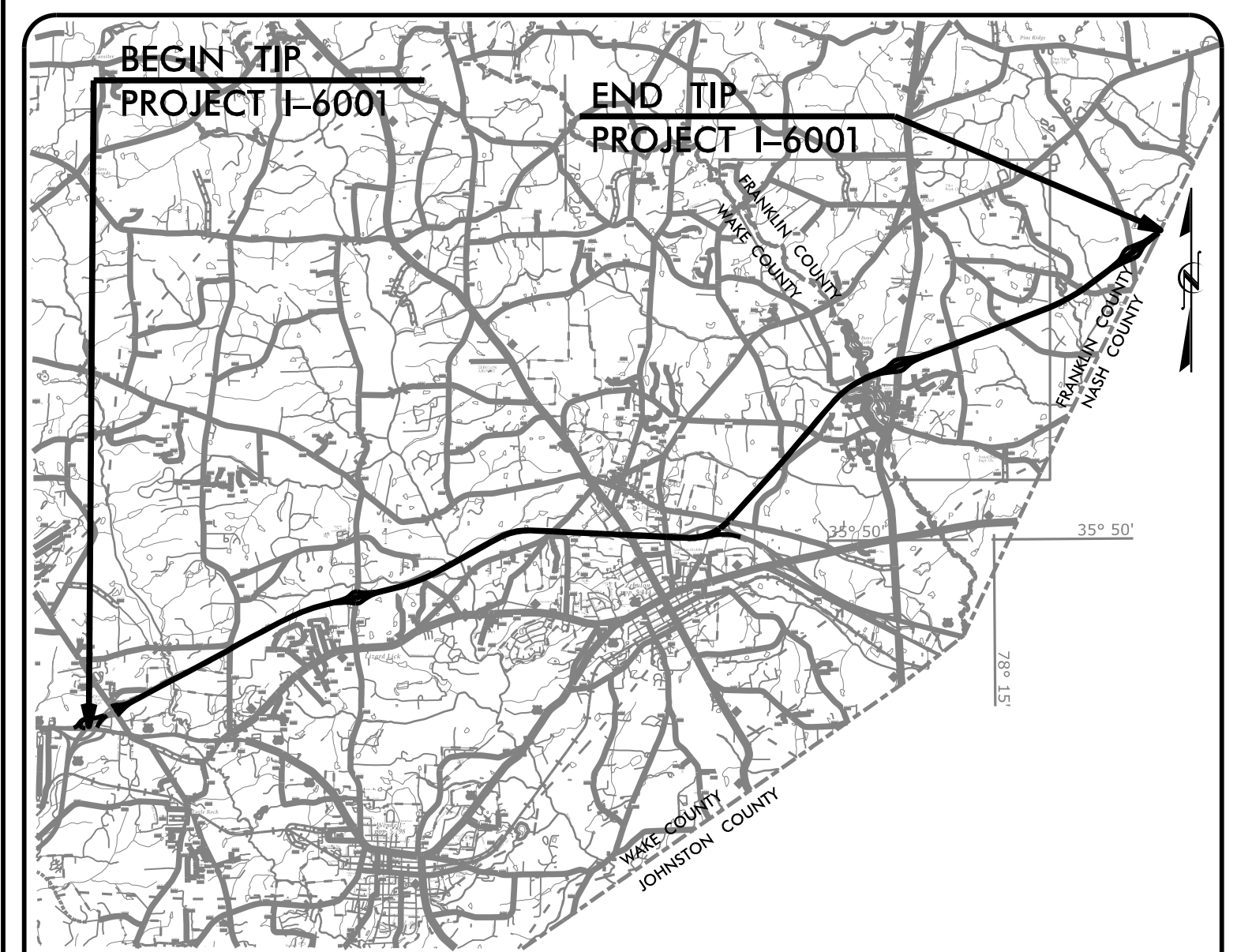
STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

**WAKE /FRANKLIN COUNTY**

**LOCATION: I-6001 - I-87 /FUTURE I-87/US-64/US-264 FROM US 64 /264 BRIDGES  
OVER BUS 264 TO THE NASH COUNTY LINE.**

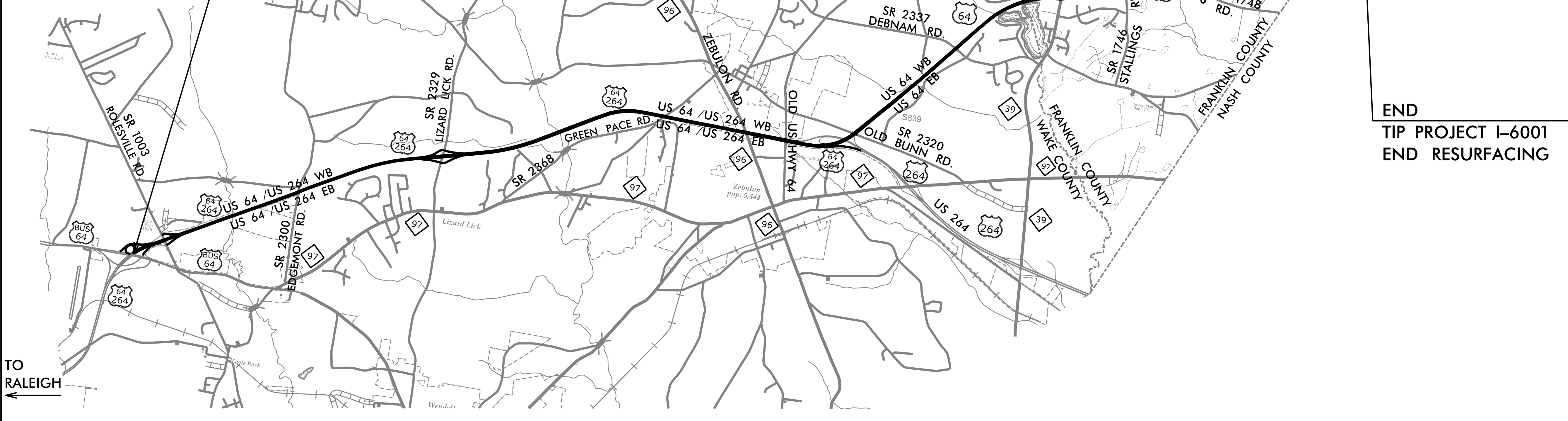
**TYPE OF WORK: PAVEMENT REHABILITATION**

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	I-6001	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
47956.1.1	1003186	PE	
47956.3.1	1003186	CONST.	

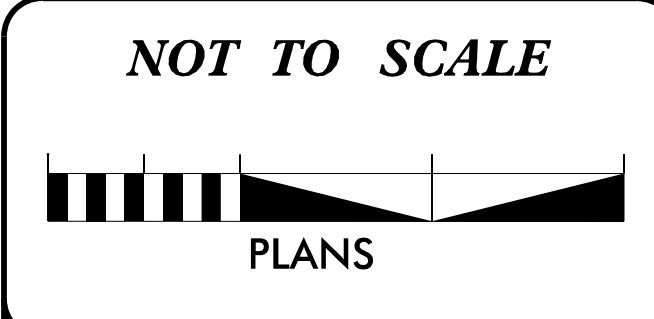


VICINITY MAP

**BEGIN  
TIP PROJECT I-6001  
BEGIN RESURFACING**



**END  
TIP PROJECT I-6001  
END RESURFACING**



**DESIGN DATA**

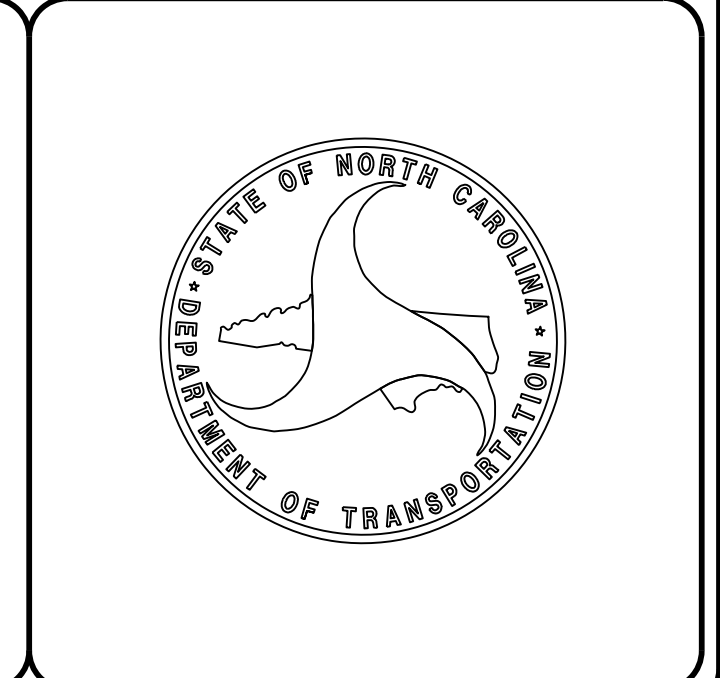
2023 AADT = 76,500  
T = 7.7%  
FUNC CLASS = INTERSTATE

**PROJECT LENGTH**

LENGTH OF ROADWAY TIP PROJECT I-6001	= 13.384 MILES
LENGTH STRUCTURES TIP PROJECT I-6001	= 0.000 MILES
TOTAL LENGTH TIP PROJECT I-6001	= 13.384 MILES

Prepared in the Office of:  
**DIVISION OF HIGHWAYS**  
1000 Birch Ridge Dr., Raleigh NC, 27610

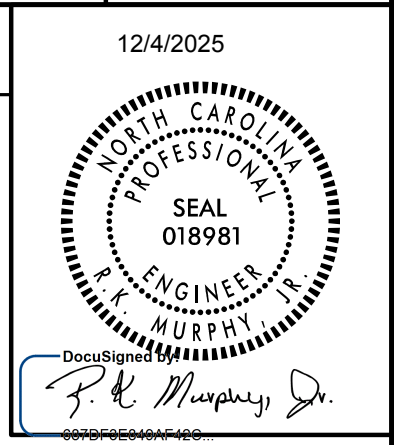
2024 STANDARD SPECIFICATIONS	CALEB WHITBY, PE DIVISION PROJECT DELIVERY ENGINEER
RIGHT OF WAY DATE: NA	R.K. MURPHY, JR., PE PROJECT ENGINEER
LETTING DATE: FEBRUARY 17, 2026	SCOTT L. KENNEDY PROJECT DESIGN ENGINEER



12/3/2025 11:58:58 AM \\proj\I-6001-Rdy-TSH 01.dgn USER:skennedy

B.17/7/99

**DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED**



### GENERAL NOTES

GENERAL NOTES: 2024 SPECIFICATIONS  
EFFECTIVE: 01-16-2024  
REVISED:

GRADING AND SURFACING OR RESURFACING AND WIDENING:  
THE GRADE LINES SHOWN DENOTE THE FINISHED ELEVATION OF THE PROPOSED SURFACING AT GRADE POINTS SHOWN ON THE TYPICAL SECTIONS. WHERE NO GRADE LINES ARE SHOWN, THE PROFILES SHOWN DENOTE THE TOP ELEVATION OF THE EXISTING PAVEMENT ALONG THE CENTER LINE OF SURVEY ON WHICH THE PROPOSED RESURFACING WILL BE PLACED. GRADE LINES MAY BE ADJUSTED BY THE ENGINEER IN ORDER TO SECURE A PROPER TIE-IN.

CLEARING:  
CLEARING ON THIS PROJECT SHALL BE PERFORMED TO THE LIMITS ESTABLISHED BY METHOD 11.

SAFETY CLEARING:  
THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE AREAS IN THE PLANS DESIGNATED SAFETY CLEARING. THE LIMITS ARE AS SHOWN AND THE CLEARING AND GRUBBING IS CONSIDERED A PART OF THE LUMP SUM ITEM FOR "CLEARING AND GRUBBING".

GUARDRAIL:  
THE GUARDRAIL LOCATIONS SHOWN ON THE PLANS MAY BE ADJUSTED DURING CONSTRUCTION AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHOULD CONSULT WITH THE ENGINEER PRIOR TO ORDERING GUARDRAIL MATERIAL.

TEMPORARY SHORING:  
SHORING REQUIRED FOR THE MAINTENANCE OF TRAFFIC WILL BE PAID FOR AS "EXTRA WORK" IN ACCORDANCE WITH SECTION 104-7.

### 2024 ROADWAY ENGLISH STANDARD DRAWINGS

EFF. 08-11-2025  
REV.

#### 2024 ROADWAY ENGLISH STANDARD DRAWINGS

The following Roadway Standards as appear in "Roadway Standard Drawings" Contracts Standards and Development Unit - N. C. Department of Transportation - Raleigh, N. C., Dated January 16, 2024 are applicable to this project and by reference hereby are considered a part of these plans:

STD.NO.	TITLE
DIVISION 2 - EARTHWORK	
200.02	Method of Clearing - Method II
DIVISION 3 - PIPE CULVERTS	
300.01	Method of Pipe Installation (Use Details in Lieu of Standards for Sheets 1 and 2 of 2)
DIVISION 6 - ASPHALT BASES AND PAVEMENTS	
665.01	Asphalt Shoulders - Milled Rumble Strips
DIVISION 8 - INCIDENTALS	
840.00	Concrete Base Pad for Drainage Structures
840.31	Concrete Junction Box - 12" thru 66" Pipe
840.32	Brick Junction Box - 12" thru 66" Pipe
840.45	Precast Drainage Structure
840.54	Manhole Frame and Cover
840.66	Drainage Structure Steps
840.72	Pipe Collar
862.01	Guardrail Placement (Use Details in Lieu of Standards for Sheets 4, 6, 12, and 14 of 15)
862.02	Guardrail Installation (Use Detail in Lieu of Standard for Sheet 5 of 9)
862.03	Structure Anchor Units (Use Detail in Lieu of Standards for Sheet 6 and 8 of 9)
862.04	Anchoring End of Guardrail - for B-77 and B-83 Anchor Units
876.02	Guide for Rip Rap at Pipe Outlets

### **INDEX OF SHEETS**

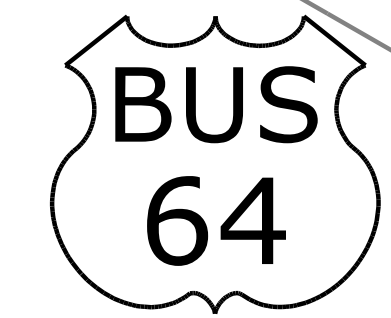
SHEET NO.	DESCRIPTION
1	TITLE SHEET
1A	INDEX OF SHEETS, GENERAL NOTES, AND STANDARD DRAWINGS
2 - 53	RESURFACING MAPS
54 - 57	DRAINAGE PLANS AND DETAIL
58 - 67	TYPICAL SECTIONS AND DETAILS
68 - 82	SUMMARY OF QUANTITIES
83 - 88	SPECIAL DETAILS
EC-1 - EC-9	EROSION CONTROL PLANS
SIGN-1 - SIGN-15	SIGNING PLANS
SIG-1	SIGNAL LOOP DETAIL

12/4/2025 12:41:00 PM I:\Projects\6001 Rdwy\_PSH-1A.dgn

**INDEX**

- 1000 - CLEAR EXISTING SHOULDER BERM GUTTER (LF)
- 2000 - CONCRETE DITCH CLEAN OUT (LF)
- 3000 - DRAINAGE STRUCTURE CLEAN OUT (EA)
- 5000 - SHOULDER DRAIN CLEAN OUT (LF)
- 6000 - PATCHING EXISTING PAVEMENT (TONS)
- 7000 - DITCHING (LF)

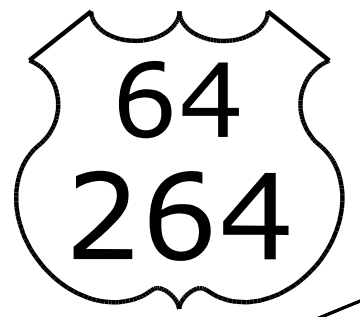
REVISIONS



**BEGIN  
TIP PROJECT I-6001  
BEGIN RESURFACING**

**★★ REMOVE AND REPLACE GUARDRAIL**

**BRIDGE  
NO. 990**

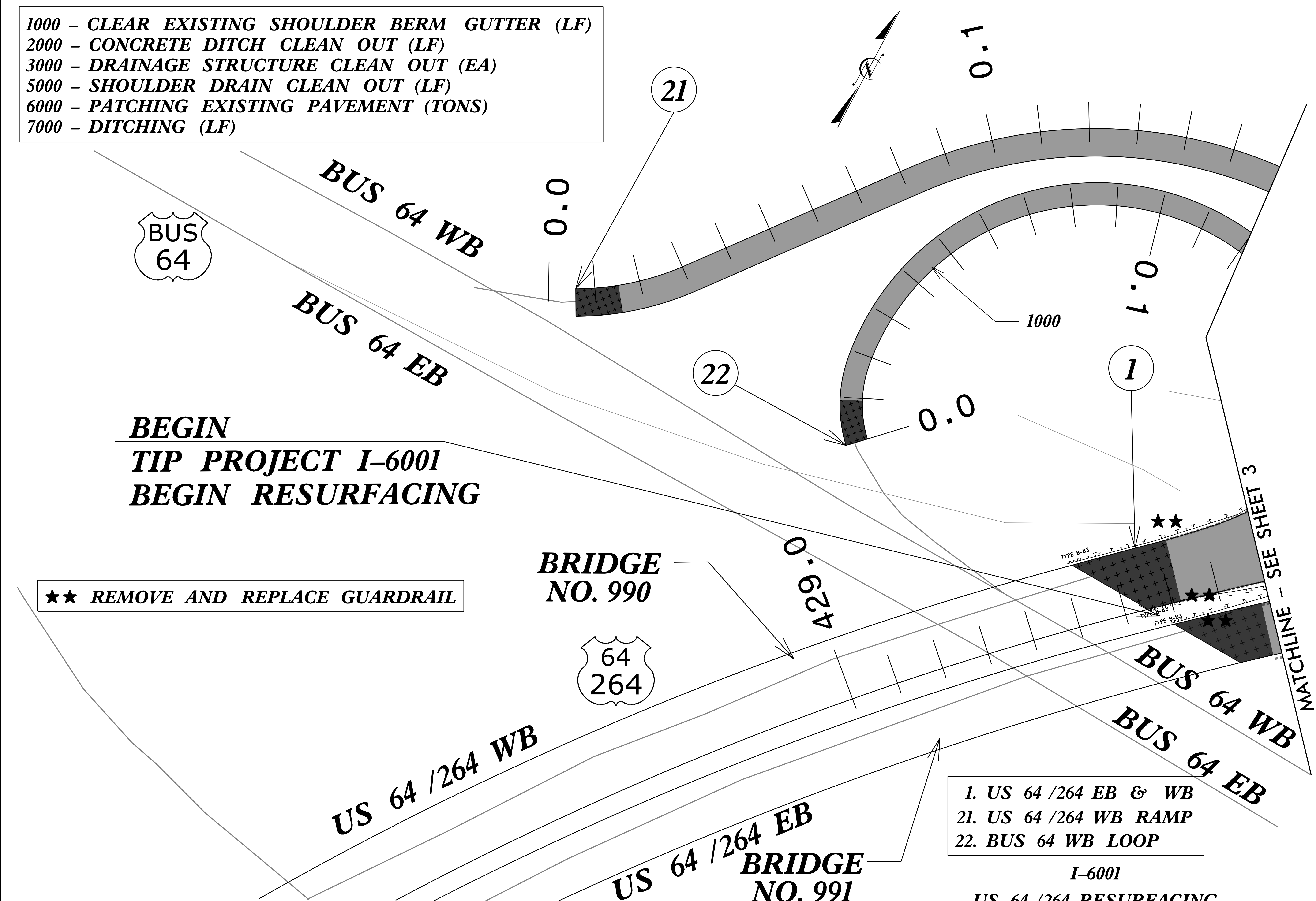


**US 64 / 264 WB**

**US 64 / 264 EB  
BRIDGE  
NO. 991**

- 1. US 64 / 264 EB & WB
- 21. US 64 / 264 WB RAMP
- 22. BUS 64 WB LOOP

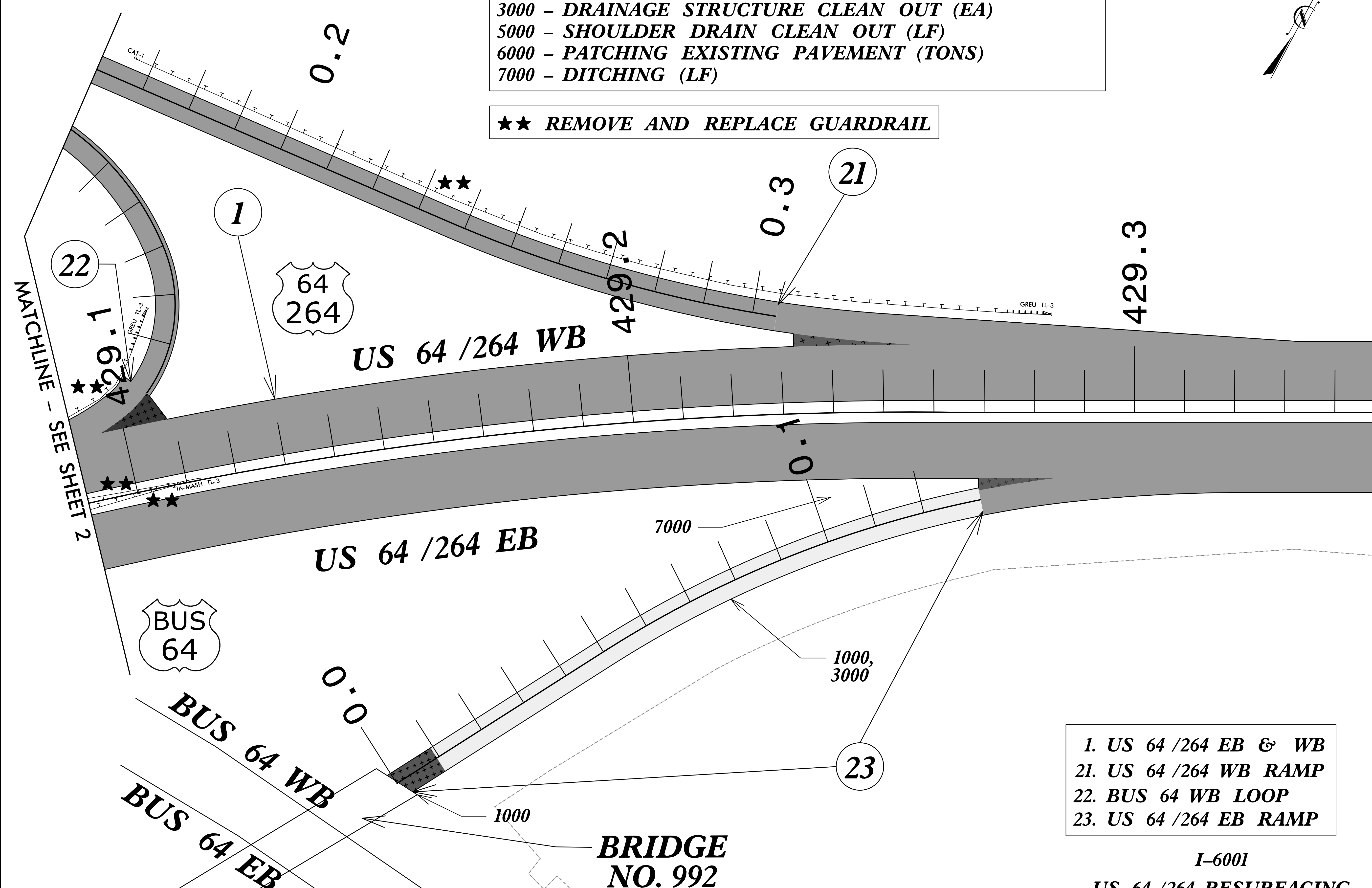
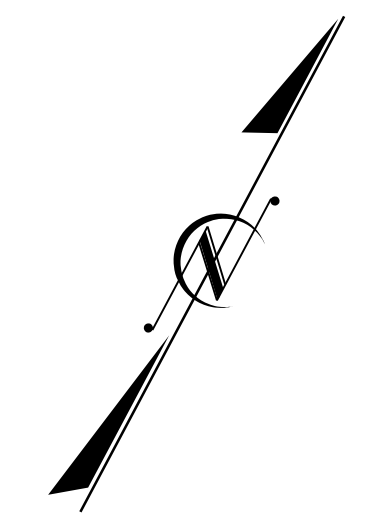
**I-6001  
US 64 / 264 RESURFACING**



**INDEX**

- 1000 - CLEAR EXISTING SHOULDER BERM GUTTER (LF)
- 2000 - CONCRETE DITCH CLEAN OUT (LF)
- 3000 - DRAINAGE STRUCTURE CLEAN OUT (EA)
- 5000 - SHOULDER DRAIN CLEAN OUT (LF)
- 6000 - PATCHING EXISTING PAVEMENT (TONS)
- 7000 - DITCHING (LF)

★★ REMOVE AND REPLACE GUARDRAIL



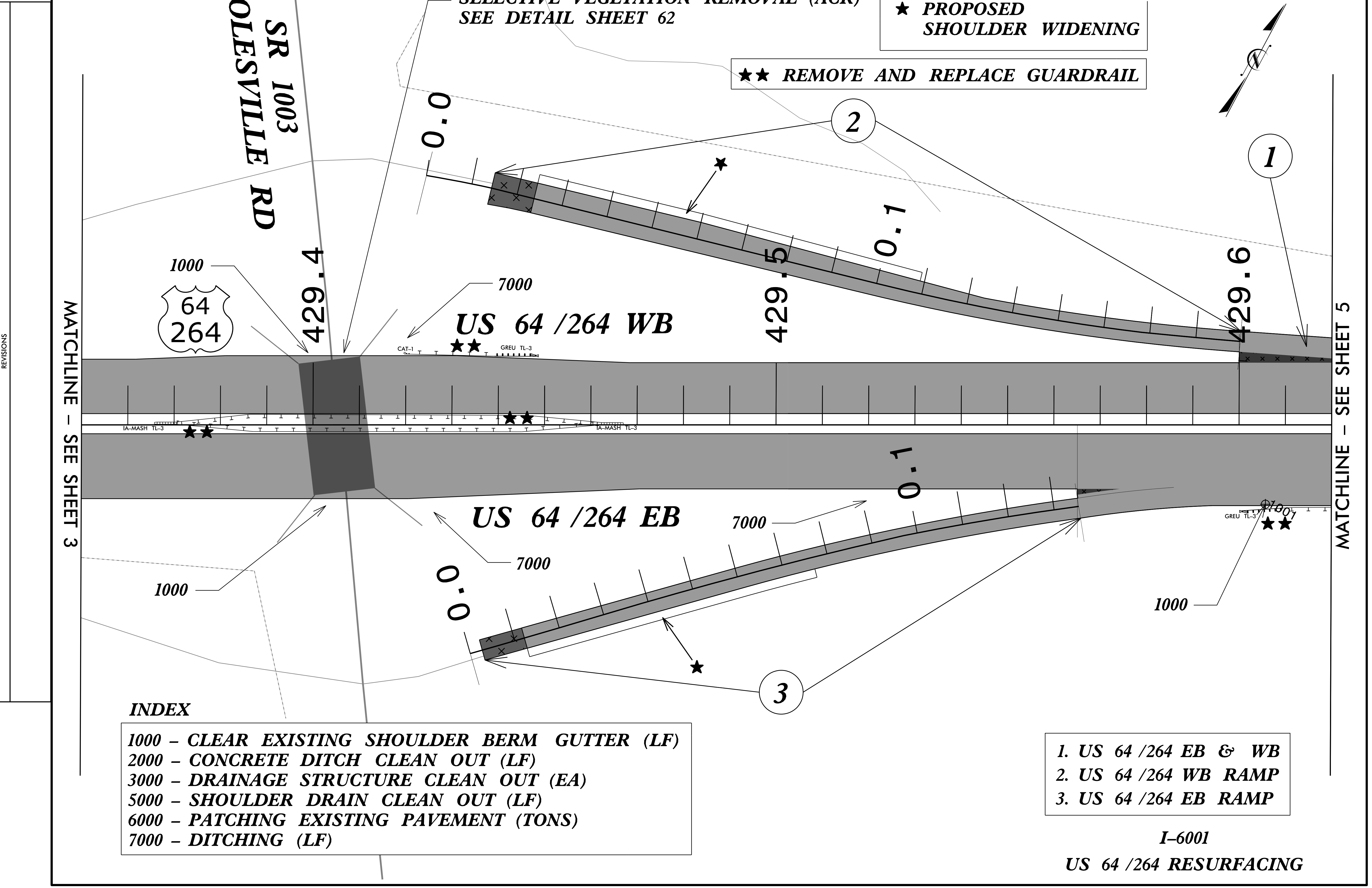
- 1. US 64 / 264 EB & WB
- 21. US 64 / 264 WB RAMP
- 22. BUS 64 WB LOOP
- 23. US 64 / 264 EB RAMP

I-6001  
US 64 / 264 RESURFACING

REVISIONS

8/17/99

8/17/99

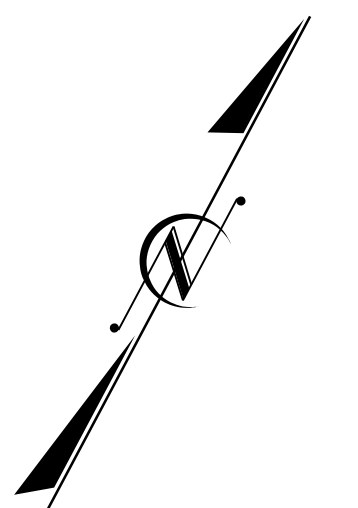


MATCHLINE - SEE SHEET 3

MATCHLINE - SEE SHEET 5

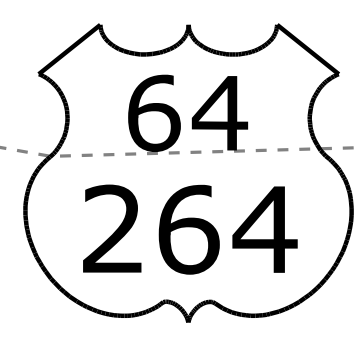
- INDEX**
- 1000 - CLEAR EXISTING SHOULDER BERM GUTTER (LF)
  - 2000 - CONCRETE DITCH CLEAN OUT (LF)
  - 3000 - DRAINAGE STRUCTURE CLEAN OUT (EA)
  - 5000 - SHOULDER DRAIN CLEAN OUT (LF)
  - 6000 - PATCHING EXISTING PAVEMENT (TONS)
  - 7000 - DITCHING (LF)

- 1. US 64 /264 EB & WB
- 2. US 64 /264 WB RAMP
- 3. US 64 /264 EB RAMP



**★★ REMOVE AND REPLACE GUARDRAIL**

**SR 5446  
KIOTI DR**



**429.7**

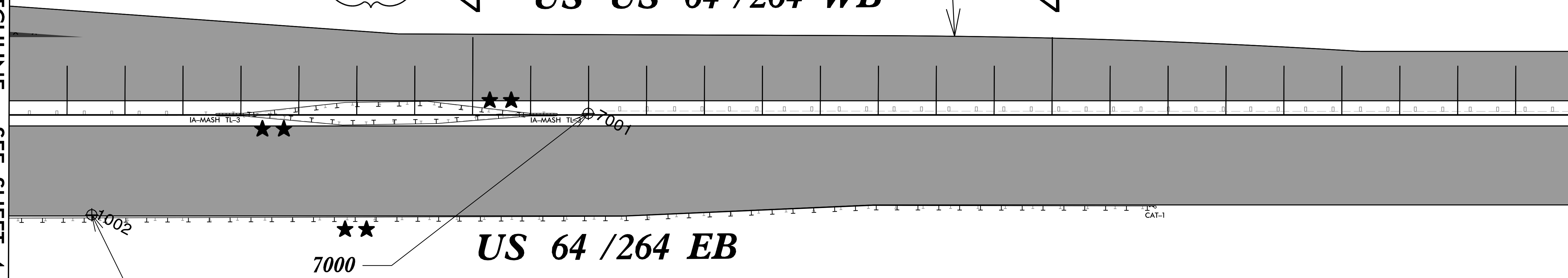
**US US 64 /264 WB**

**1**

**429.8**

MATCHLINE - SEE SHEET 4

MATCHLINE - SEE SHEET 6



**INDEX**

- 1000 - CLEAR EXISTING SHOULDER BERM GUTTER (LF)
- 2000 - CONCRETE DITCH CLEAN OUT (LF)
- 3000 - DRAINAGE STRUCTURE CLEAN OUT (EA)
- 5000 - SHOULDER DRAIN CLEAN OUT (LF)
- 6000 - PATCHING EXISTING PAVEMENT (TONS)
- 7000 - DITCHING (LF)

**1. US 64 /264 EB & WB**

**I-6001  
US 64 /264 RESURFACING**

REVISIONS

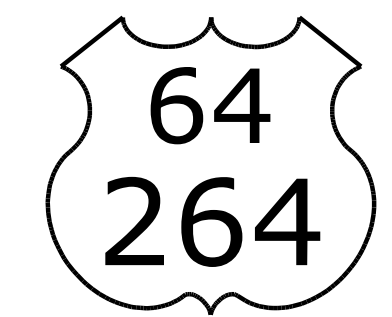
8/17/99

**SELECTIVE VEGETATION REMOVAL (ACR)**  
SEE DETAIL SHEET 62

**★★ REMOVE AND REPLACE GUARDRAIL**

**BRIDGE NO. 184**

429.9



**US 64 /264 WB**

430.0

1

430.1

MATCHLINE - SEE SHEET 5

MATCHLINE - SEE SHEET 7

**US 64 /264 EB**

**BRIDGE NO. 182**

3000  
3014  
7013

7000

6000

**INDEX**

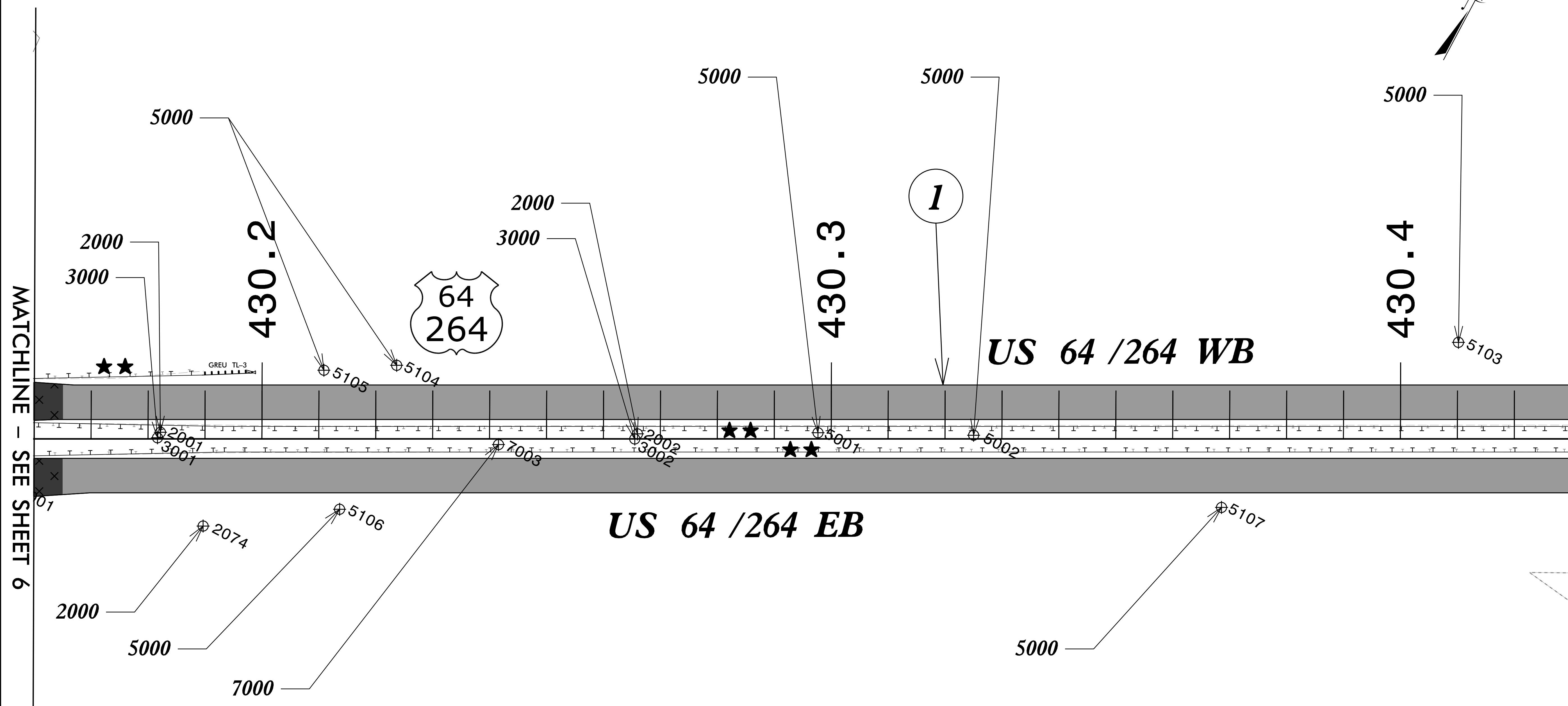
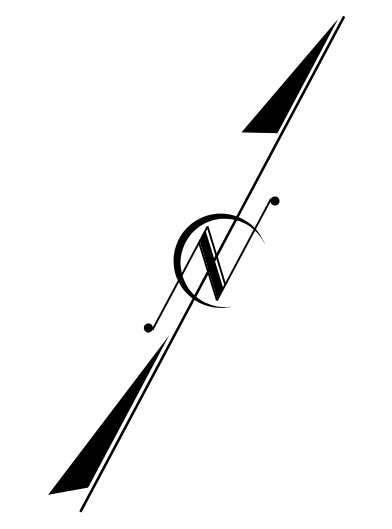
- 1000 - CLEAR EXISTING SHOULDER BERM GUTTER (LF)
- 2000 - CONCRETE DITCH CLEAN OUT (LF)
- 3000 - DRAINAGE STRUCTURE CLEAN OUT (EA)
- 5000 - SHOULDER DRAIN CLEAN OUT (LF)
- 6000 - PATCHING EXISTING PAVEMENT (TONS)
- 7000 - DITCHING (LF)

**1. US 64 /264 EB & WB**

**I-6001**  
**US 64 /264 RESURFACING**

8/17/99 REVISIONS

**★★ REMOVE AND REPLACE GUARDRAIL**



MATCHLINE - SEE SHEET 6

MATCHLINE - SEE SHEET 8

REVISIONS

8/17/99

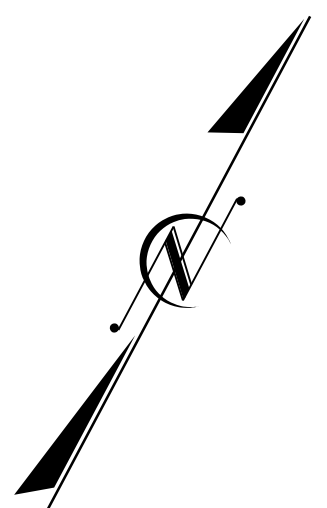
**INDEX**

- 1000 - CLEAR EXISTING SHOULDER BERM GUTTER (LF)
- 2000 - CONCRETE DITCH CLEAN OUT (LF)
- 3000 - DRAINAGE STRUCTURE CLEAN OUT (EA)
- 5000 - SHOULDER DRAIN CLEAN OUT (LF)
- 6000 - PATCHING EXISTING PAVEMENT (TONS)
- 7000 - DITCHING (LF)

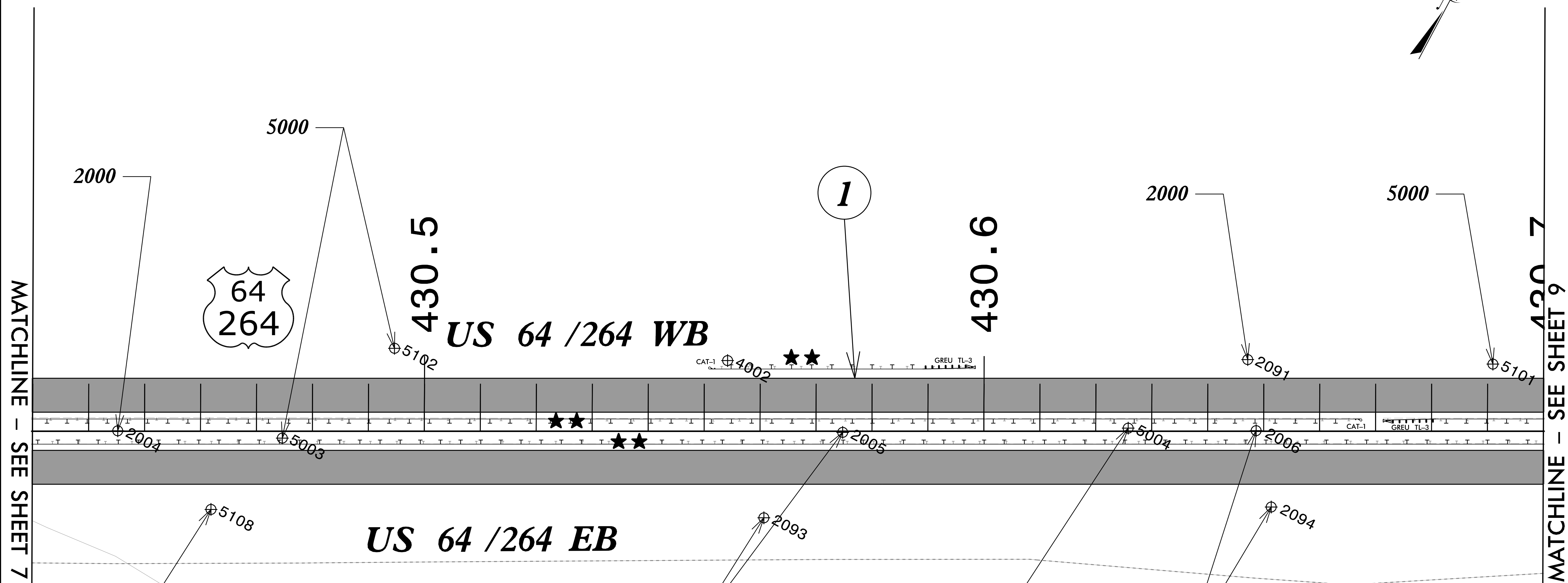
**1. US 64 / 264 EB & WB**

I-6001  
US 64 / 264 RESURFACING





**★★ REMOVE AND REPLACE GUARDRAIL**



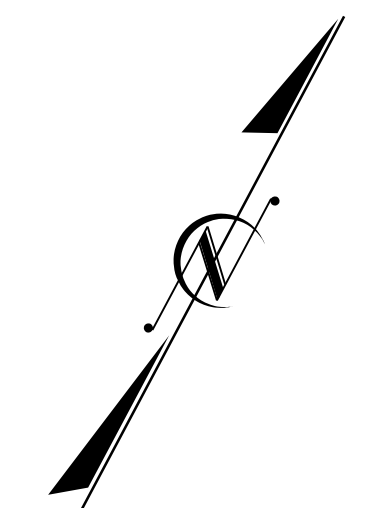
REVISIONS

**INDEX**

- 1000 - CLEAR EXISTING SHOULDER BERM GUTTER (LF)
- 2000 - CONCRETE DITCH CLEAN OUT (LF)
- 3000 - DRAINAGE STRUCTURE CLEAN OUT (EA)
- 5000 - SHOULDER DRAIN CLEAN OUT (LF)
- 6000 - PATCHING EXISTING PAVEMENT (TONS)
- 7000 - DITCHING (LF)

**1. US 64 /264 EB & WB**

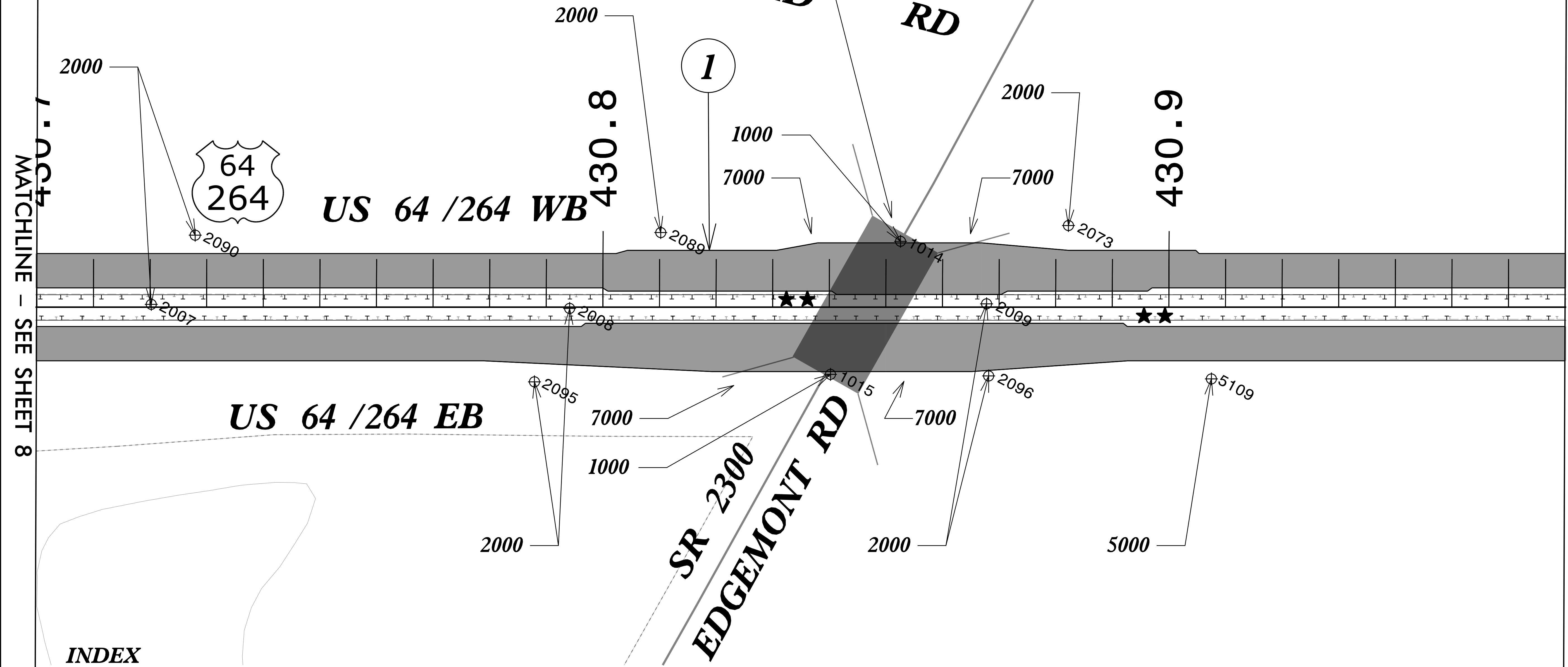
**I-6001  
US 64 /264 RESURFACING**



**SELECTIVE VEGETATION REMOVAL (ACR)  
SEE DETAIL SHEET 62**

**★★ REMOVE AND REPLACE GUARDRAIL**

**SR 2324  
ROBERTSON POND  
RD**



MATCHLINE - SEE SHEET 8

MATCHLINE - SEE SHEET 10

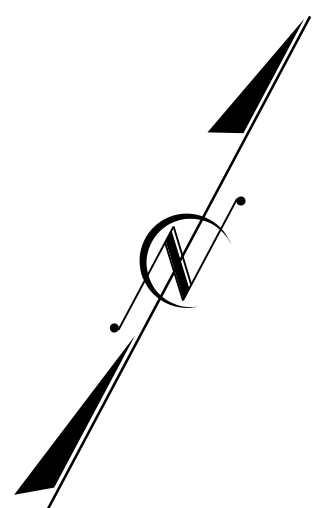
**INDEX**

- 1000 - CLEAR EXISTING SHOULDER BERM GUTTER (LF)
- 2000 - CONCRETE DITCH CLEAN OUT (LF)
- 3000 - DRAINAGE STRUCTURE CLEAN OUT (EA)
- 5000 - SHOULDER DRAIN CLEAN OUT (LF)
- 6000 - PATCHING EXISTING PAVEMENT (TONS)
- 7000 - DITCHING (LF)

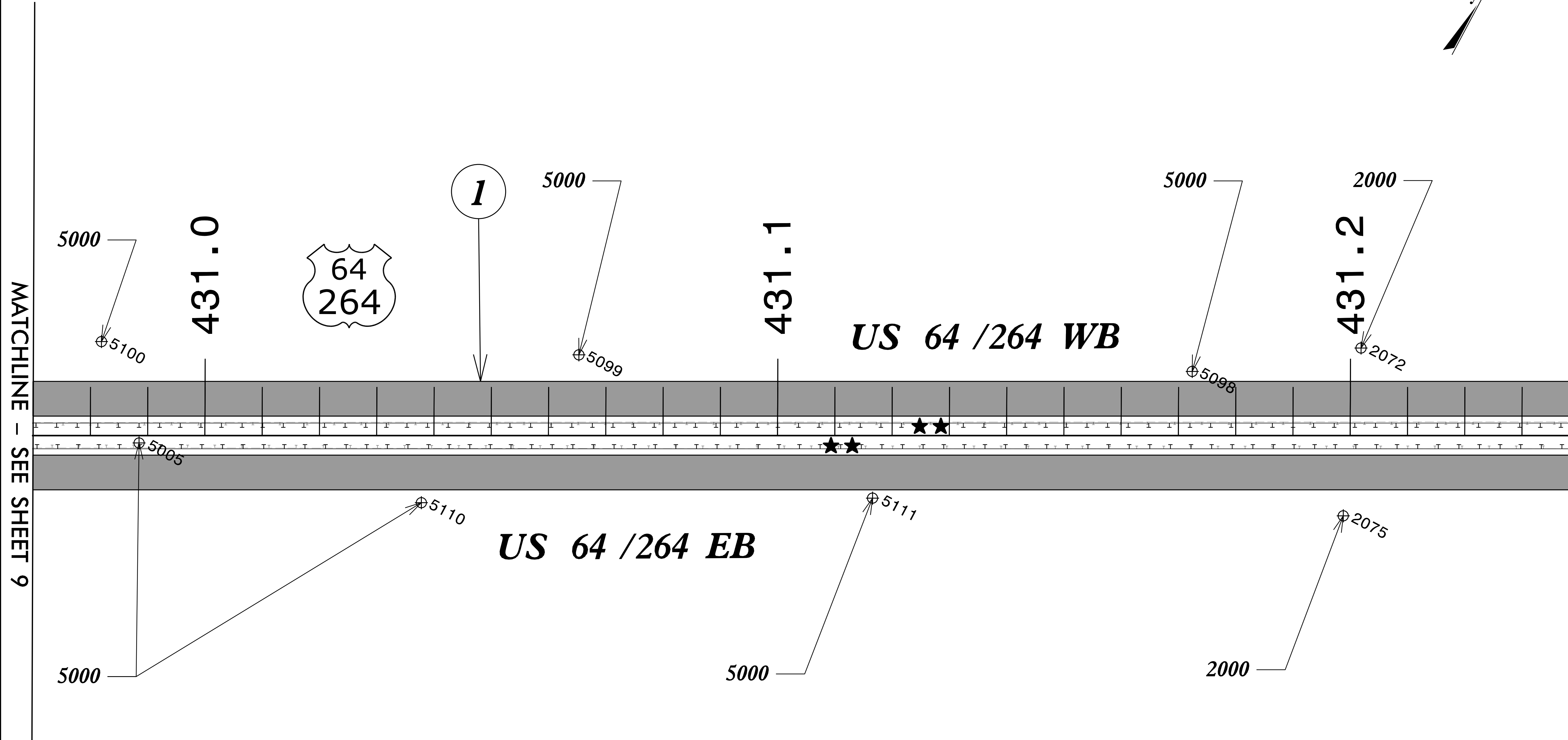
**1. US 64 /264 EB & WB**

REVISIONS

8/17/99



**★★ REMOVE AND REPLACE GUARDRAIL**



REVISIONS

MATCHLINE - SEE SHEET 9

MATCHLINE - SEE SHEET 11

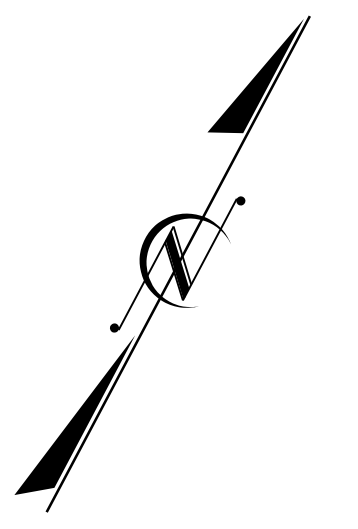
**INDEX**

- 1000 - CLEAR EXISTING SHOULDER BERM GUTTER (LF)
- 2000 - CONCRETE DITCH CLEAN OUT (LF)
- 3000 - DRAINAGE STRUCTURE CLEAN OUT (EA)
- 5000 - SHOULDER DRAIN CLEAN OUT (LF)
- 6000 - PATCHING EXISTING PAVEMENT (TONS)
- 7000 - DITCHING (LF)

**1. US 64 /264 EB & WB**

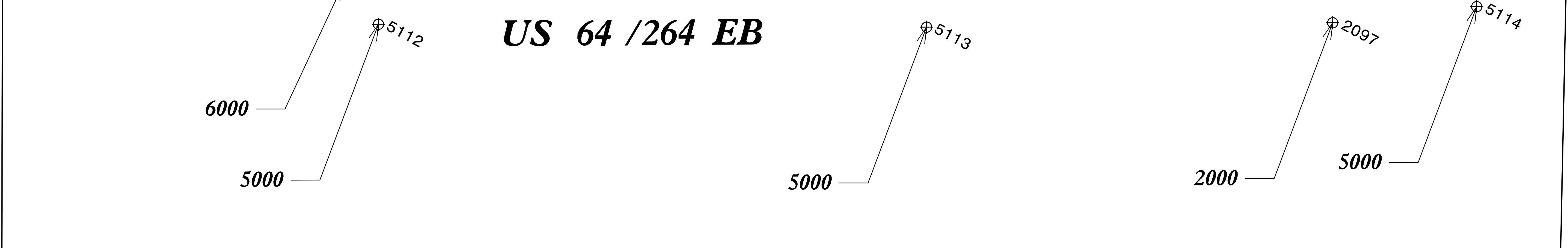
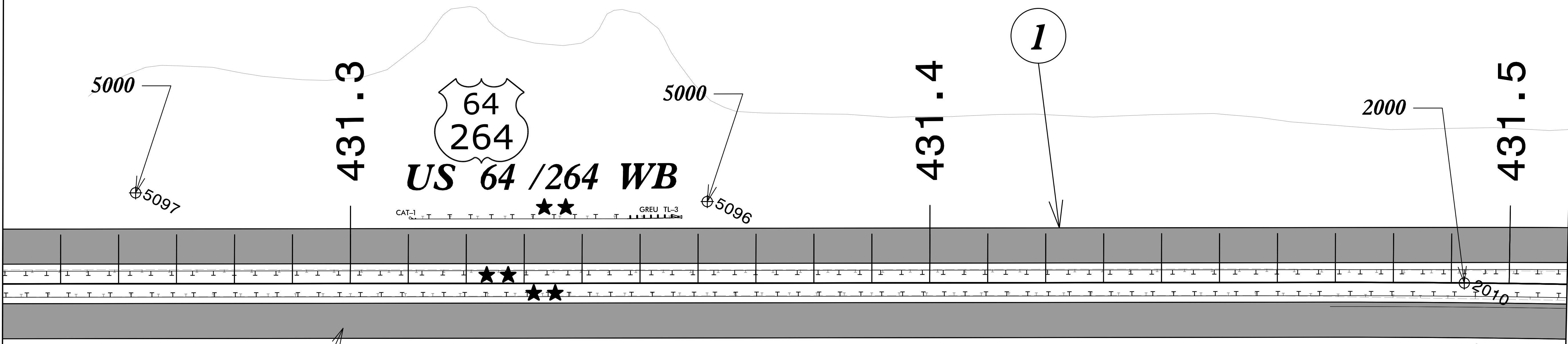
**I-6001  
US 64 /264 RESURFACING**

**★★ REMOVE AND REPLACE GUARDRAIL**



MATCHLINE - SEE SHEET 10

MATCHLINE - SEE SHEET 12



- INDEX**
- 1000 - CLEAR EXISTING SHOULDER BERM GUTTER (LF)
  - 2000 - CONCRETE DITCH CLEAN OUT (LF)
  - 3000 - DRAINAGE STRUCTURE CLEAN OUT (EA)
  - 5000 - SHOULDER DRAIN CLEAN OUT (LF)
  - 6000 - PATCHING EXISTING PAVEMENT (TONS)
  - 7000 - DITCHING (LF)

**1. US 64 /264 EB & WB**

**I-6001  
US 64 /264 RESURFACING**

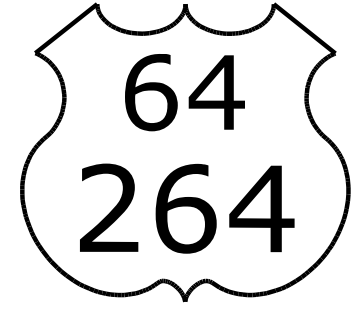
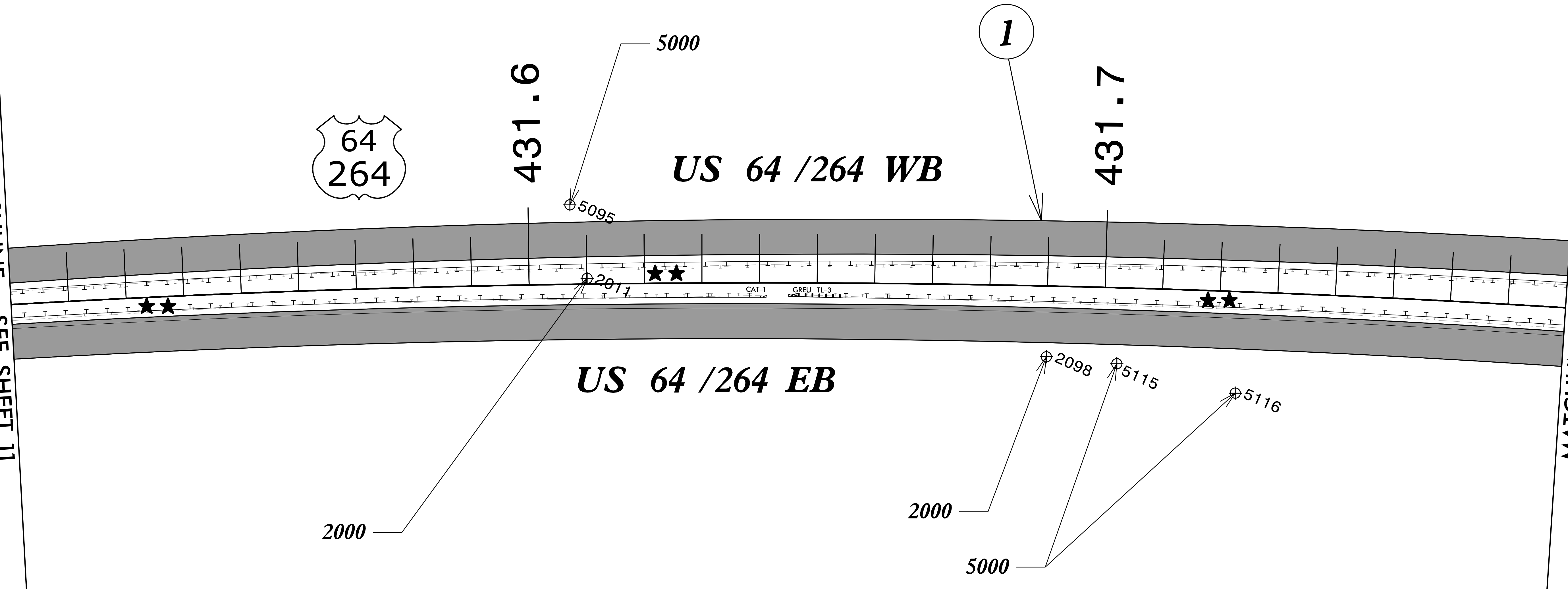
8/17/99  
REVISIONS

**★★ REMOVE AND REPLACE GUARDRAIL**



MATCHLINE - SEE SHEET 11

MATCHLINE - SEE SHEET 13



**US 64 /264 WB**

**US 64 /264 EB**

**INDEX**

- 1000 - CLEAR EXISTING SHOULDER BERM GUTTER (LF)
- 2000 - CONCRETE DITCH CLEAN OUT (LF)
- 3000 - DRAINAGE STRUCTURE CLEAN OUT (EA)
- 5000 - SHOULDER DRAIN CLEAN OUT (LF)
- 6000 - PATCHING EXISTING PAVEMENT (TONS)
- 7000 - DITCHING (LF)

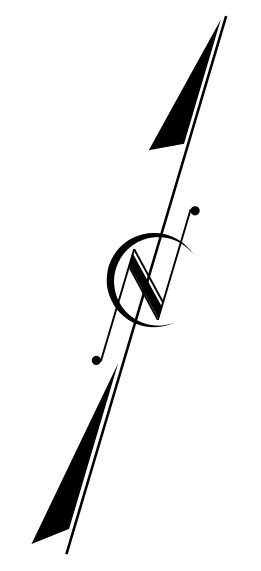
**1. US 64 /264 EB & WB**

**I-6001  
US 64 /264 RESURFACING**

REVISIONS

8/17/99

**★★ REMOVE AND REPLACE GUARDRAIL**

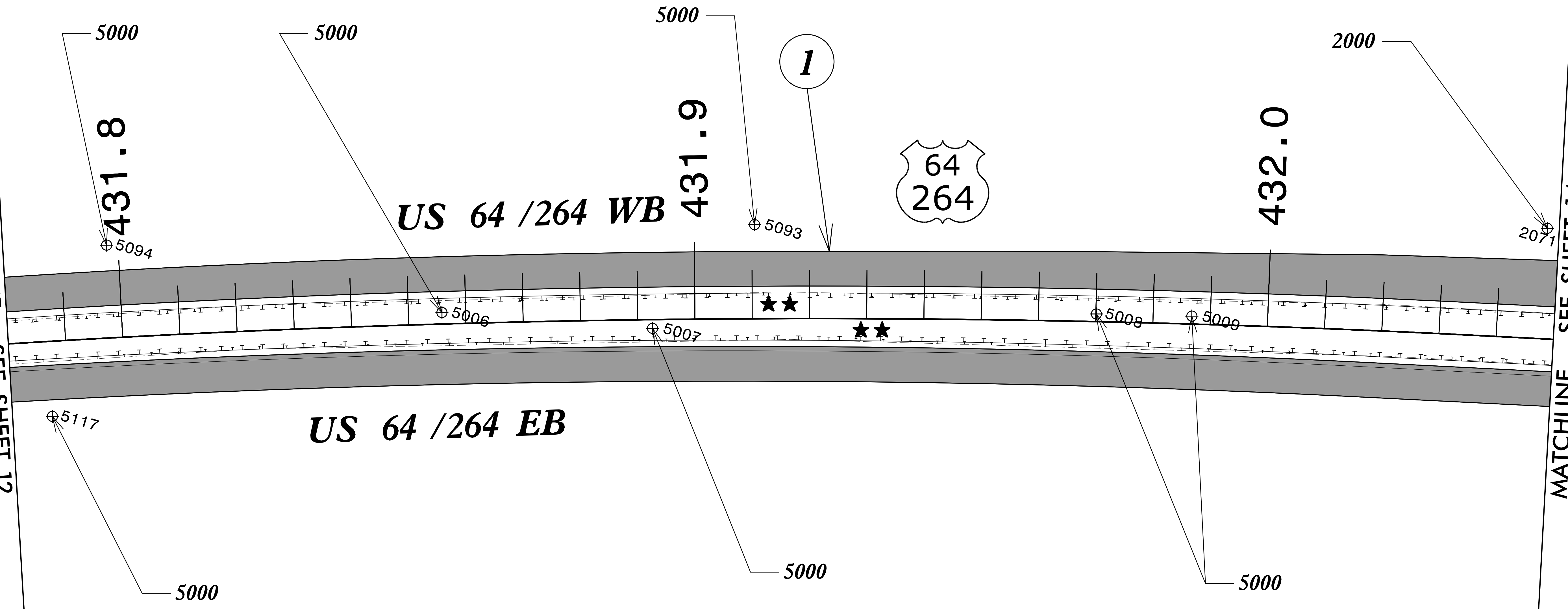


8/17/99

REVISIONS

MATCHLINE - SEE SHEET 12

MATCHLINE - SEE SHEET 14



**INDEX**

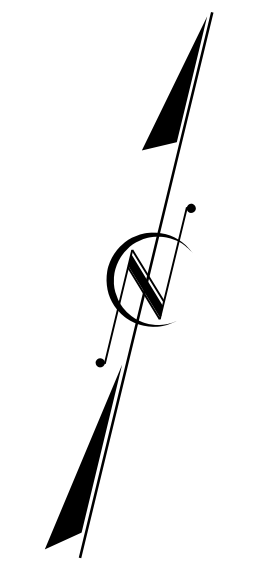
- 1000 - CLEAR EXISTING SHOULDER BERM GUTTER (LF)
- 2000 - CONCRETE DITCH CLEAN OUT (LF)
- 3000 - DRAINAGE STRUCTURE CLEAN OUT (EA)
- 5000 - SHOULDER DRAIN CLEAN OUT (LF)
- 6000 - PATCHING EXISTING PAVEMENT (TONS)
- 7000 - DITCHING (LF)

**1. US 64 /264 EB & WB**

**I-6001  
US 64 /264 RESURFACING**

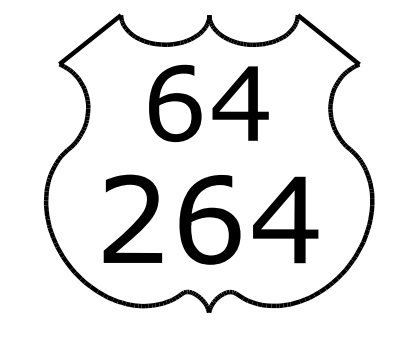
★★ REMOVE AND REPLACE GUARDRAIL

★ PROPOSED SHOULDER WIDENING



MATCHLINE - SEE SHEET 13

MATCHLINE - SEE SHEET 15



**US 64 / 264 WB**

**US 64 / 264 EB**

5000

2000

★  
**VERTICAL CLEARING LIMITS  
 FROM GORE TO  
 END OF RAMP  
 SEE DETAIL SHEET 63**

**INDEX**

- 1000 - CLEAR EXISTING SHOULDER BERM GUTTER (LF)
- 2000 - CONCRETE DITCH CLEAN OUT (LF)
- 3000 - DRAINAGE STRUCTURE CLEAN OUT (EA)
- 5000 - SHOULDER DRAIN CLEAN OUT (LF)
- 6000 - PATCHING EXISTING PAVEMENT (TONS)
- 7000 - DITCHING (LF)

- 1. US 64 / 264 EB & WB
- 4. US 64 / 264 EB RAMP
- 7. US 64 / 264 WB RAMP

I-6001

**US 64 / 264 RESURFACING**

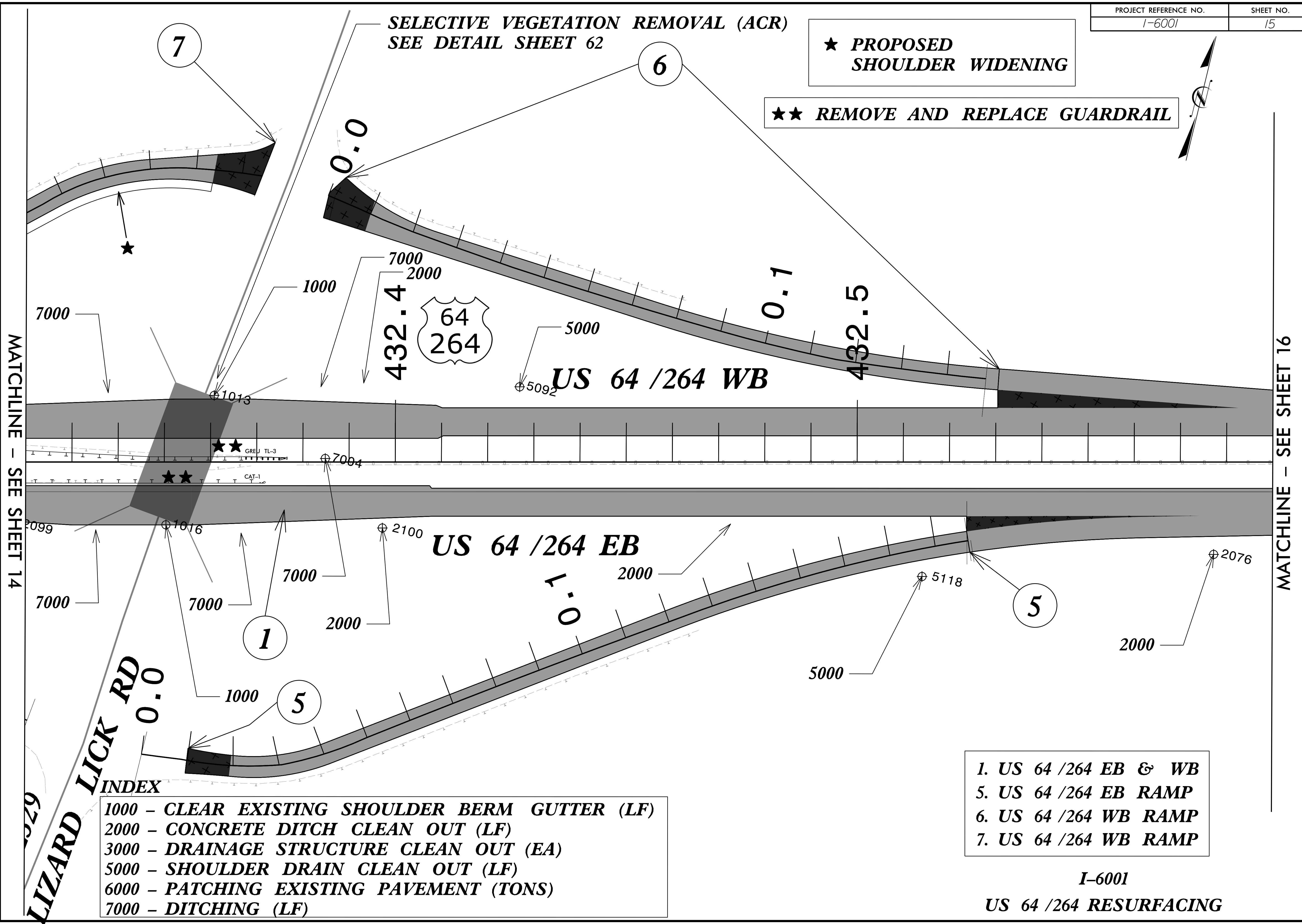
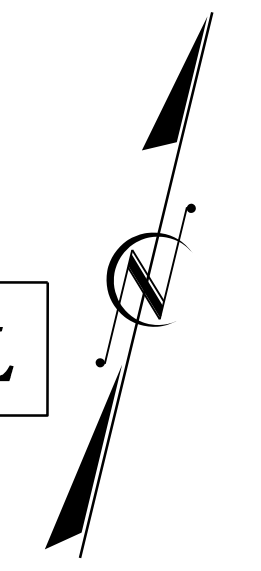
REVISIONS

8/17/99

**SELECTIVE VEGETATION REMOVAL (ACR)**  
SEE DETAIL SHEET 62

★ **PROPOSED SHOULDER WIDENING**

★★ **REMOVE AND REPLACE GUARDRAIL**



MATCHLINE - SEE SHEET 14

MATCHLINE - SEE SHEET 16

- INDEX**
- 1000 - CLEAR EXISTING SHOULDER BERM GUTTER (LF)
  - 2000 - CONCRETE DITCH CLEAN OUT (LF)
  - 3000 - DRAINAGE STRUCTURE CLEAN OUT (EA)
  - 5000 - SHOULDER DRAIN CLEAN OUT (LF)
  - 6000 - PATCHING EXISTING PAVEMENT (TONS)
  - 7000 - DITCHING (LF)

- 1. US 64 / 264 EB & WB
- 5. US 64 / 264 EB RAMP
- 6. US 64 / 264 WB RAMP
- 7. US 64 / 264 WB RAMP

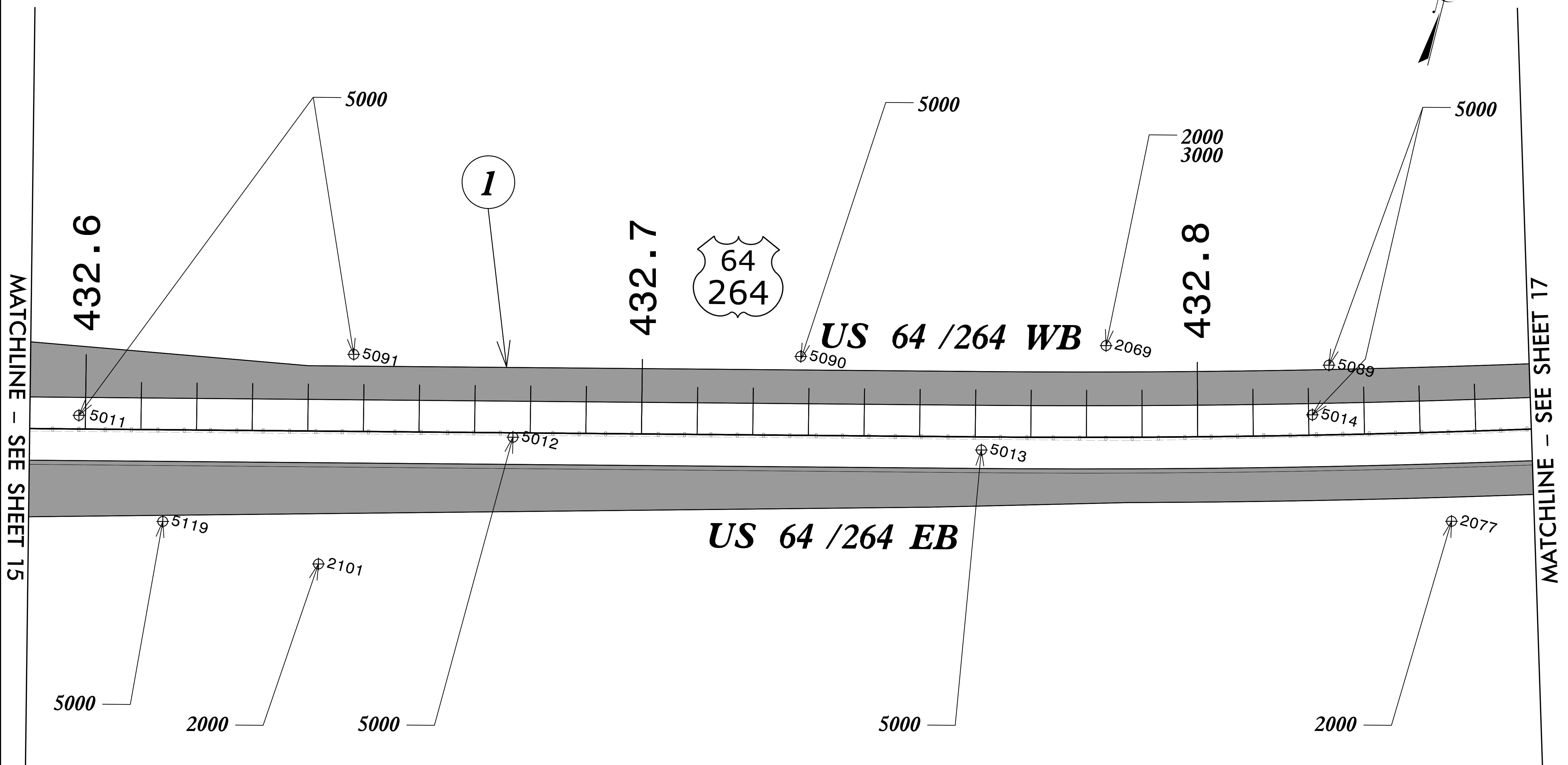
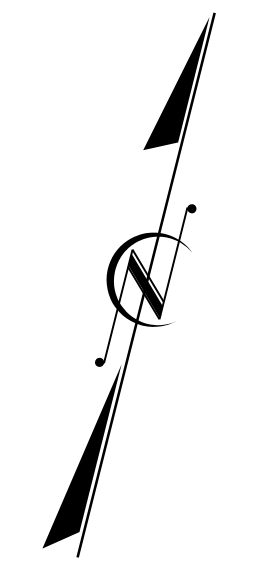
I-6001  
US 64 / 264 RESURFACING

8/17/99

REVISIONS



8/17/99



REVISIONS

MATCHLINE - SEE SHEET 15

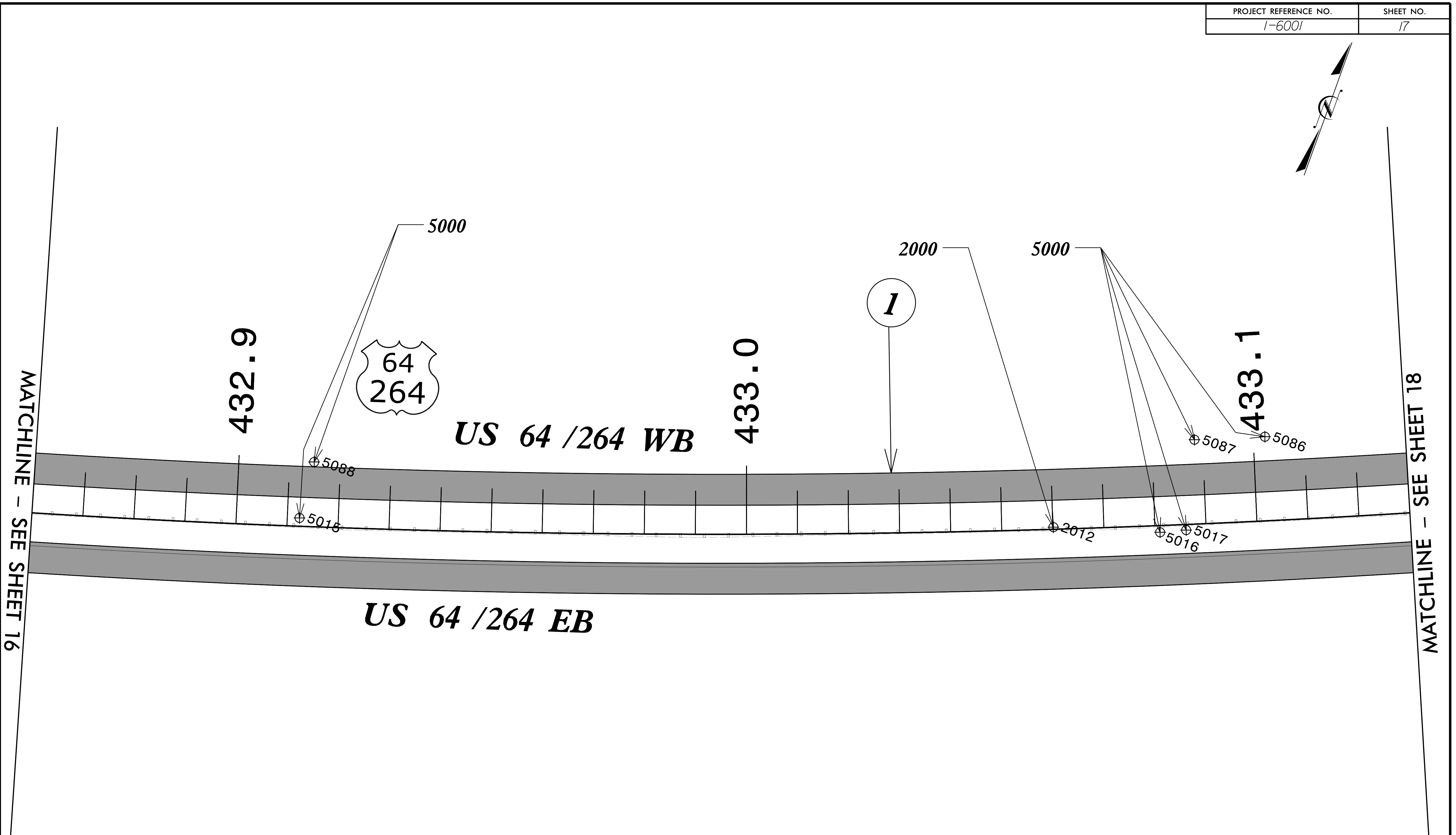
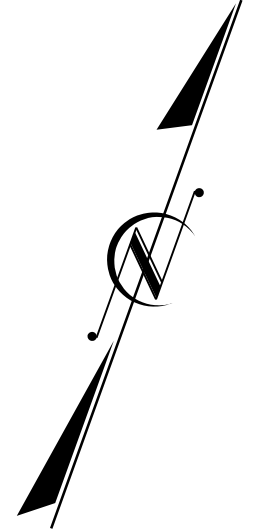
MATCHLINE - SEE SHEET 17

**INDEX**

- 1000 - CLEAR EXISTING SHOULDER BERM GUTTER (LF)
- 2000 - CONCRETE DITCH CLEAN OUT (LF)
- 3000 - DRAINAGE STRUCTURE CLEAN OUT (EA)
- 5000 - SHOULDER DRAIN CLEAN OUT (LF)
- 6000 - PATCHING EXISTING PAVEMENT (TONS)
- 7000 - DITCHING (LF)

**1. US 64 / 264 EB & WB**

**I-6001  
US 64 / 264 RESURFACING**



REVISIONS

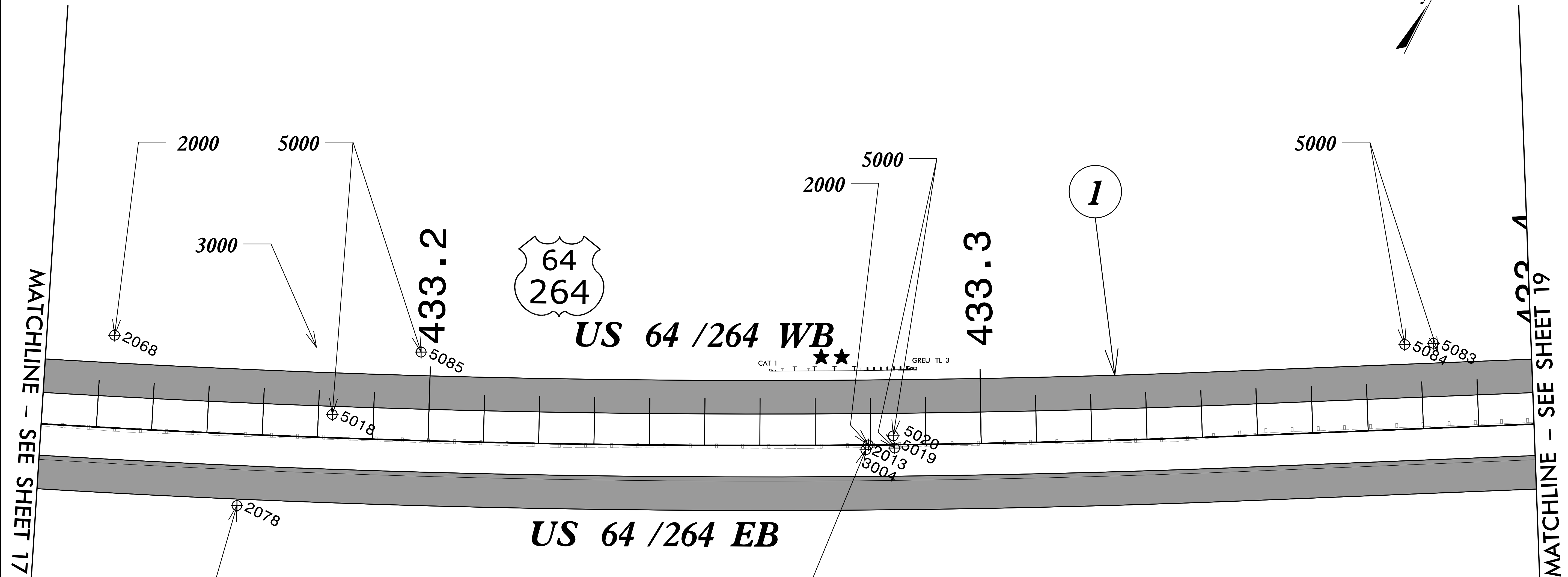
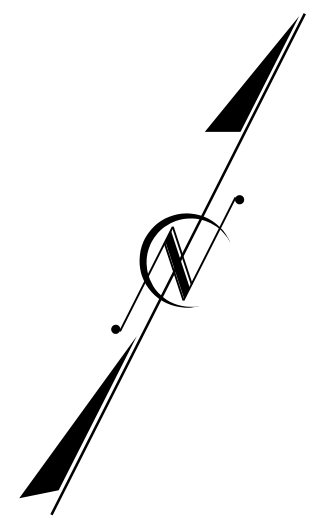
**INDEX**

- 1000 - CLEAR EXISTING SHOULDER BERM GUTTER (LF)
- 2000 - CONCRETE DITCH CLEAN OUT (LF)
- 3000 - DRAINAGE STRUCTURE CLEAN OUT (EA)
- 5000 - SHOULDER DRAIN CLEAN OUT (LF)
- 6000 - PATCHING EXISTING PAVEMENT (TONS)
- 7000 - DITCHING (LF)

**1. US 64 /264 EB & WB**

**I-6001  
US 64 /264 RESURFACING**

**★★ REMOVE AND REPLACE GUARDRAIL**



REVISIONS

MATCHLINE - SEE SHEET 17

MATCHLINE - SEE SHEET 19

**INDEX**

- 1000 - CLEAR EXISTING SHOULDER BERM GUTTER (LF)
- 2000 - CONCRETE DITCH CLEAN OUT (LF)
- 3000 - DRAINAGE STRUCTURE CLEAN OUT (EA)
- 5000 - SHOULDER DRAIN CLEAN OUT (LF)
- 6000 - PATCHING EXISTING PAVEMENT (TONS)
- 7000 - DITCHING (LF)

**1. US 64 /264 EB & WB**

**I-6001  
US 64 /264 RESURFACING**

**SELECTIVE VEGETATION REMOVAL (ACR)  
SEE DETAIL SHEET 62**

**★★ REMOVE AND REPLACE GUARDRAIL**

**BRIDGE  
NO. 199**

2000  
3000  
**64  
264**

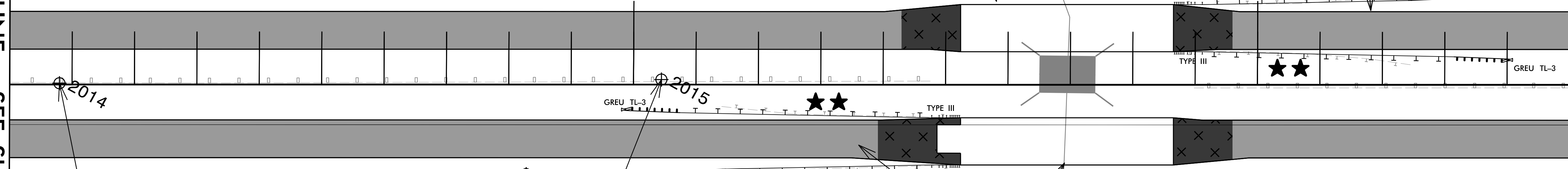
433.5  
**US 64 /264 WB**

433.6

**1**

4.004  
 MATCHLINE - SEE SHEET 18

MATCHLINE - SEE SHEET 20



**US 64 /264 EB**

**BRIDGE  
NO. 198**

**INDEX**

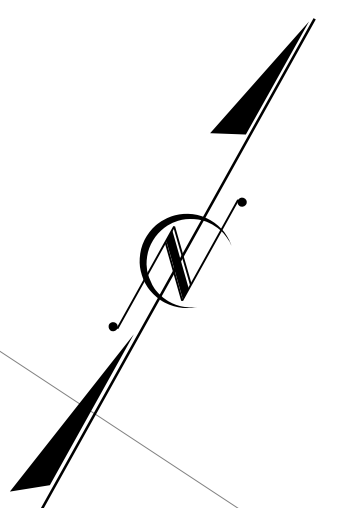
- 1000 - CLEAR EXISTING SHOULDER BERM GUTTER (LF)
- 2000 - CONCRETE DITCH CLEAN OUT (LF)
- 3000 - DRAINAGE STRUCTURE CLEAN OUT (EA)
- 5000 - SHOULDER DRAIN CLEAN OUT (LF)
- 6000 - PATCHING EXISTING PAVEMENT (TONS)
- 7000 - DITCHING (LF)

**1. US 64 /264 EB & WB**

**I-6001  
US 64 /264 RESURFACING**

REVISIONS

8/17/99

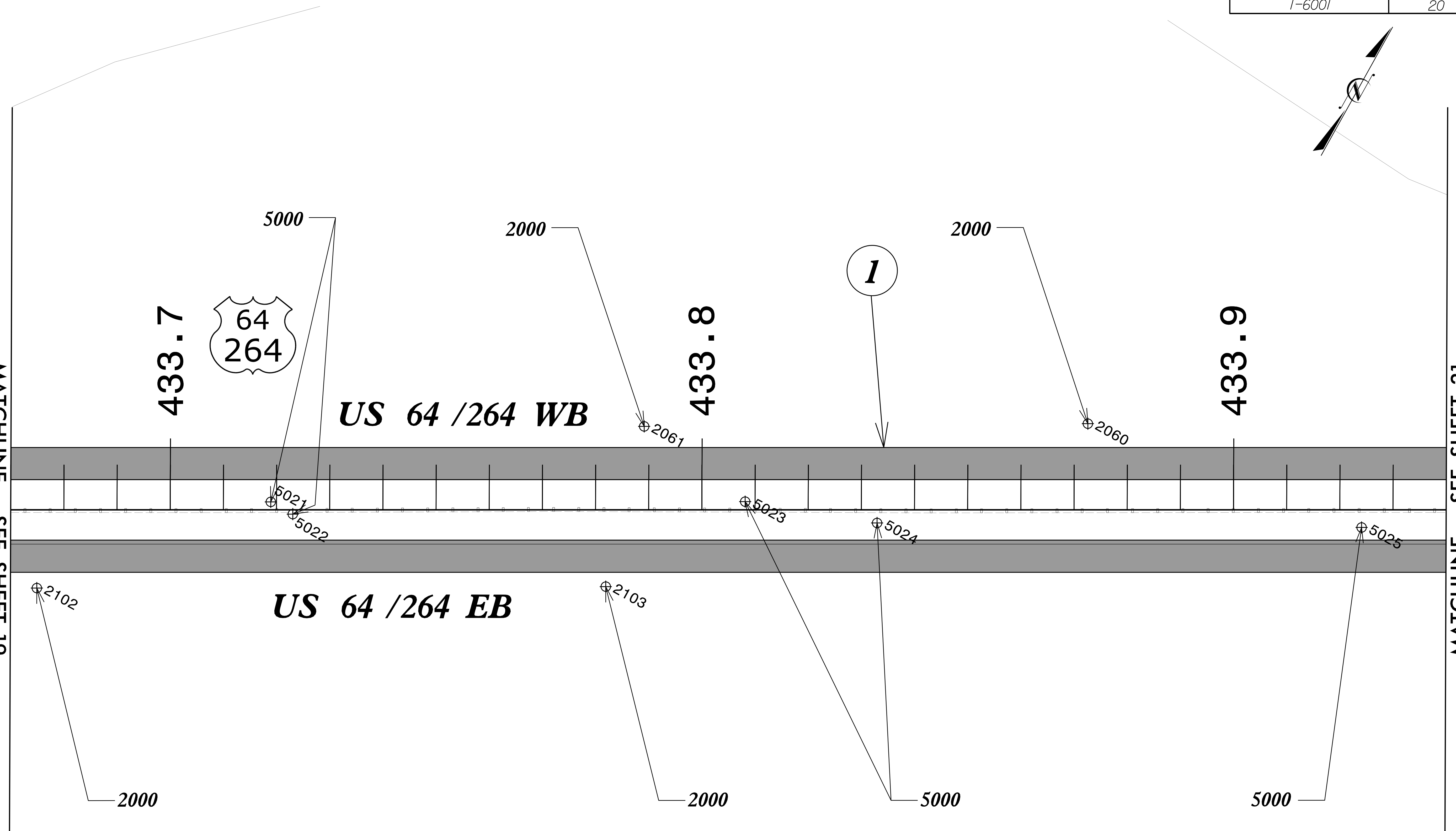


8/17/99

REVISIONS

MATCHLINE - SEE SHEET 19

MATCHLINE - SEE SHEET 21

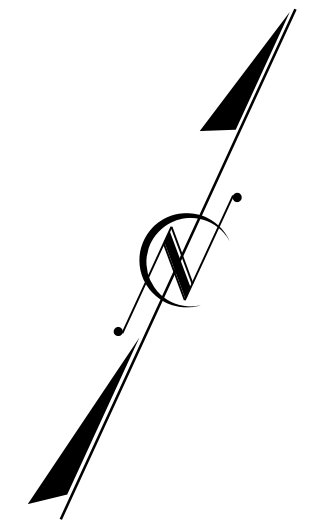


**INDEX**

- 1000 - CLEAR EXISTING SHOULDER BERM GUTTER (LF)
- 2000 - CONCRETE DITCH CLEAN OUT (LF)
- 3000 - DRAINAGE STRUCTURE CLEAN OUT (EA)
- 5000 - SHOULDER DRAIN CLEAN OUT (LF)
- 6000 - PATCHING EXISTING PAVEMENT (TONS)
- 7000 - DITCHING (LF)

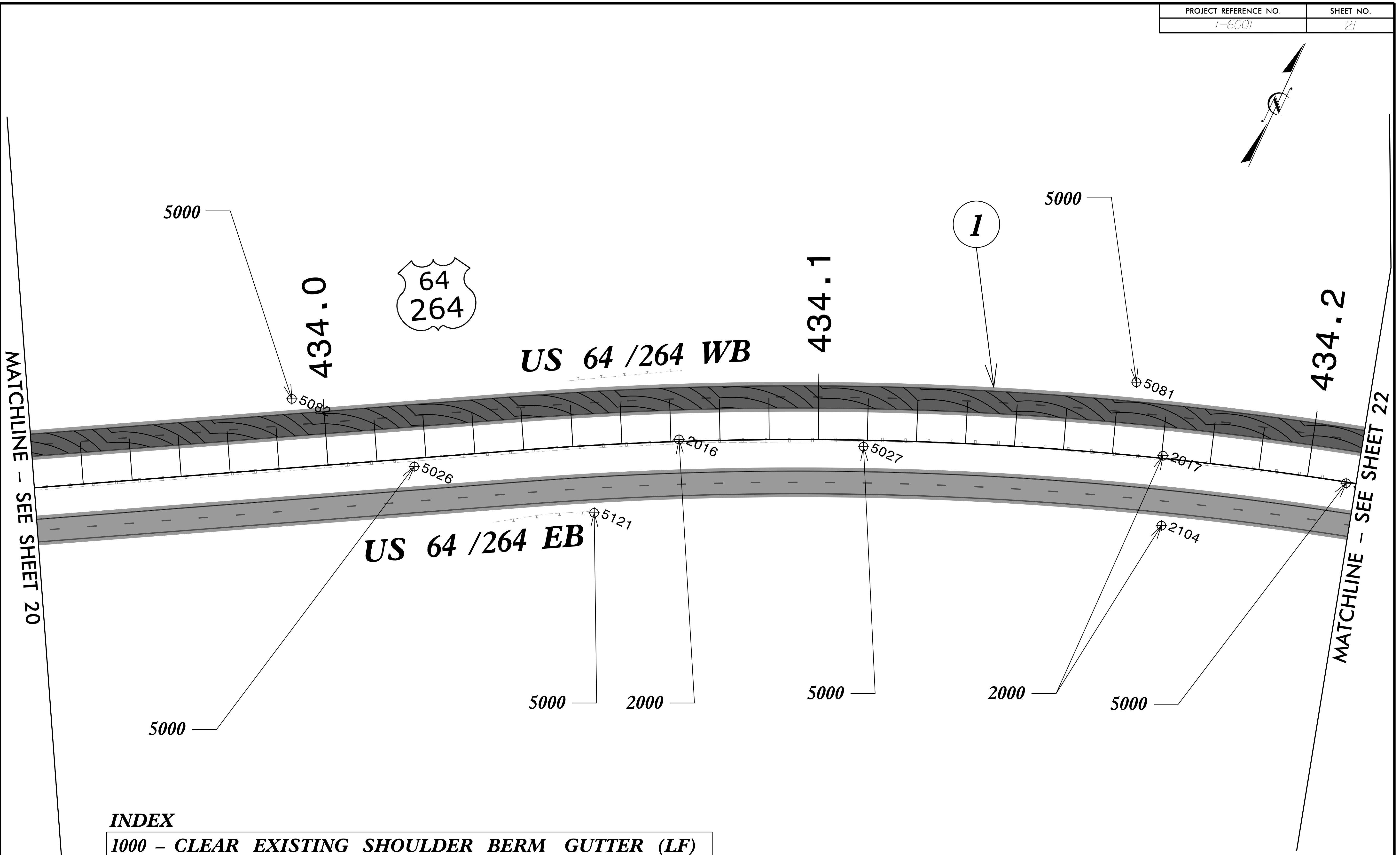
**1. US 64 /264 EB & WB**

**I-6001  
US 64 /264 RESURFACING**



8/17/99

REVISIONS



**INDEX**

- 1000 - CLEAR EXISTING SHOULDER BERM GUTTER (LF)
- 2000 - CONCRETE DITCH CLEANOUT (LF)
- 3000 - DRAINAGE STRUCTURE CLEANOUT (EA)
- 5000 - SHOULDER DRAIN CLEANOUT (LF)
- 6000 - PATCHING EXISTING PAVEMENT (TONS)
- 7000 - DITCHING (LF)

**1. US 64 /264 EB & WB**

I-6001  
US 64 /264 RESURFACING

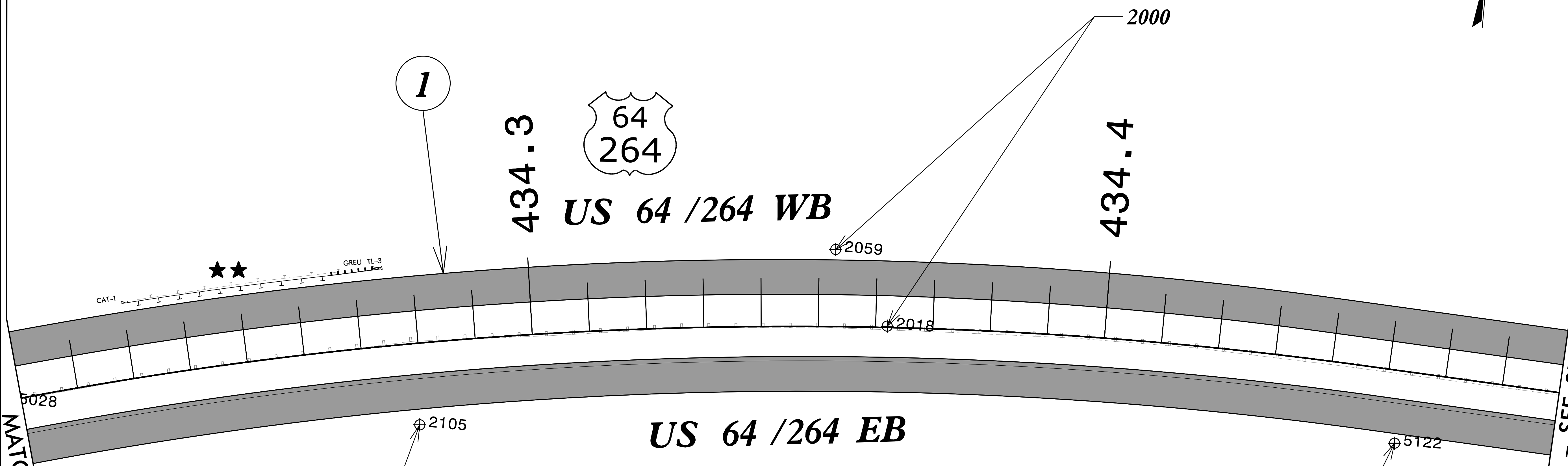
50  
60  
700

**★★ REMOVE AND REPLACE GUARDRAIL**



8/17/99

REVISIONS



MATCHLINE - SEE SHEET 21

MATCHLINE - SEE SHEET 23

**INDEX**

- 1000 - CLEAR EXISTING SHOULDER BERM GUTTER (LF)
- 2000 - CONCRETE DITCH CLEAN OUT (LF)
- 3000 - DRAINAGE STRUCTURE CLEAN OUT (EA)
- 5000 - SHOULDER DRAIN CLEAN OUT (LF)
- 6000 - PATCHING EXISTING PAVEMENT (TONS)
- 7000 - DITCHING (LF)

**1. US 64 /264 EB & WB**

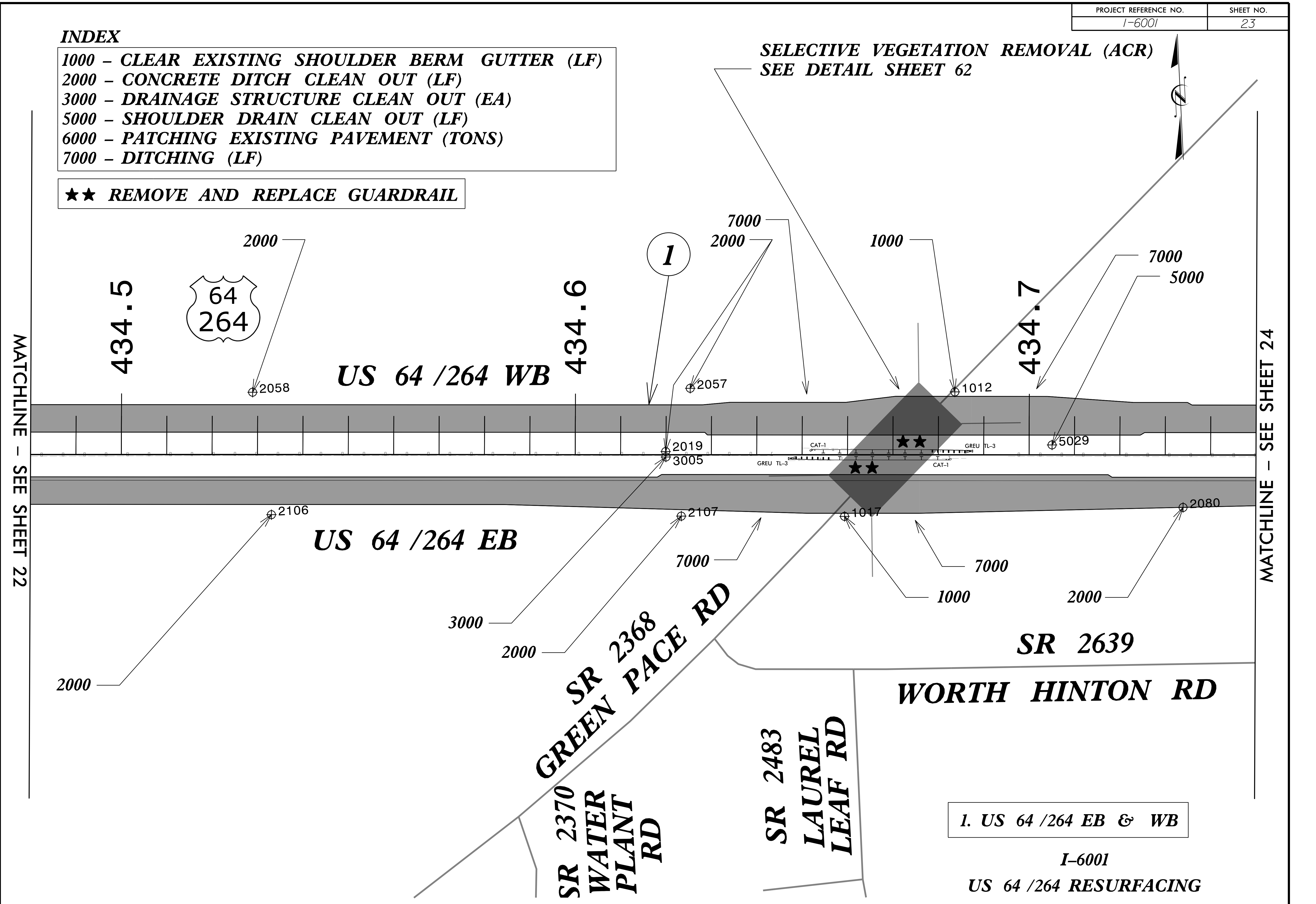
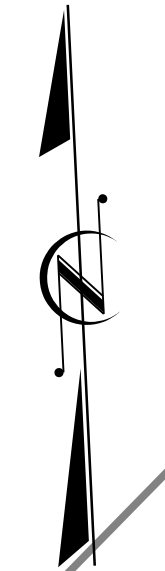
I-6001  
US 64 /264 RESURFACING

**INDEX**

- 1000 - CLEAR EXISTING SHOULDER BERM GUTTER (LF)
- 2000 - CONCRETE DITCH CLEAN OUT (LF)
- 3000 - DRAINAGE STRUCTURE CLEAN OUT (EA)
- 5000 - SHOULDER DRAIN CLEAN OUT (LF)
- 6000 - PATCHING EXISTING PAVEMENT (TONS)
- 7000 - DITCHING (LF)

**★★ REMOVE AND REPLACE GUARDRAIL**

**SELECTIVE VEGETATION REMOVAL (ACR)  
SEE DETAIL SHEET 62**



MATCHLINE - SEE SHEET 22

MATCHLINE - SEE SHEET 24

REVISIONS

1. US 64 /264 EB & WB

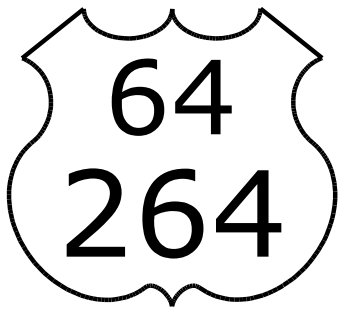
I-6001  
US 64 /264 RESURFACING





**SR 2368  
GREEN  
PACE RD**

434.8



**US 64 /264 WB**

434.9

435.0

MATCHLINE - SEE SHEET 23

MATCHLINE - SEE SHEET 25

**US 64 /264 EB**

**SR 2639  
WORTH  
HINTON RD**

**INDEX**

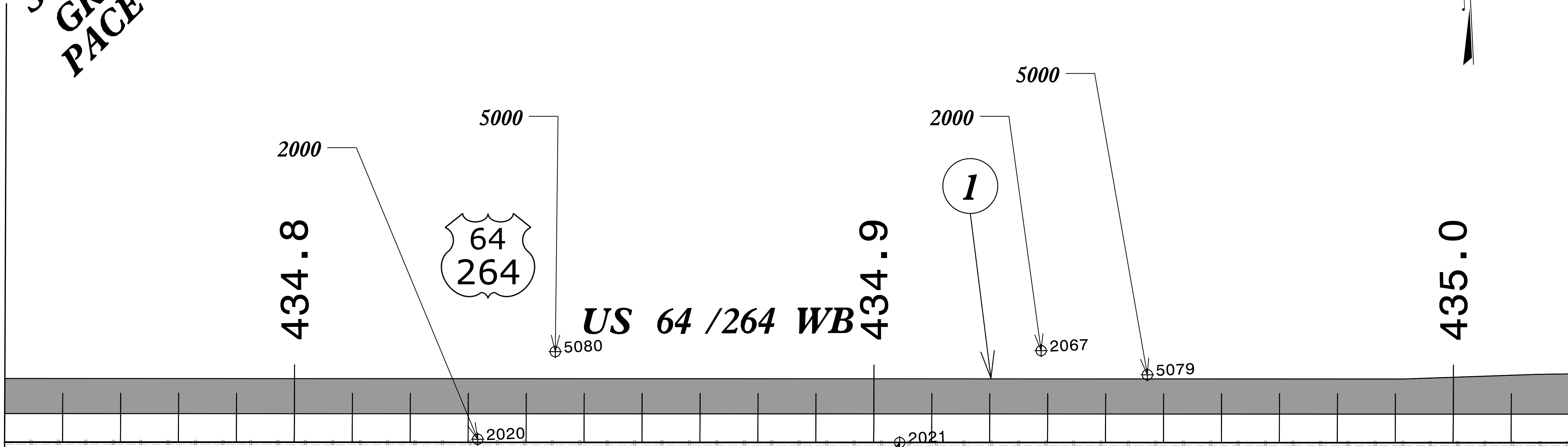
- 1000 - CLEAR EXISTING SHOULDER BERM GUTTER (LF)
- 2000 - CONCRETE DITCH CLEAN OUT (LF)
- 3000 - DRAINAGE STRUCTURE CLEAN OUT (EA)
- 5000 - SHOULDER DRAIN CLEAN OUT (LF)
- 6000 - PATCHING EXISTING PAVEMENT (TONS)
- 7000 - DITCHING (LF)

**1. US 64 /264 EB & WB**

**I-6001  
US 64 /264 RESURFACING**

REVISIONS

8/17/99



8/17/99

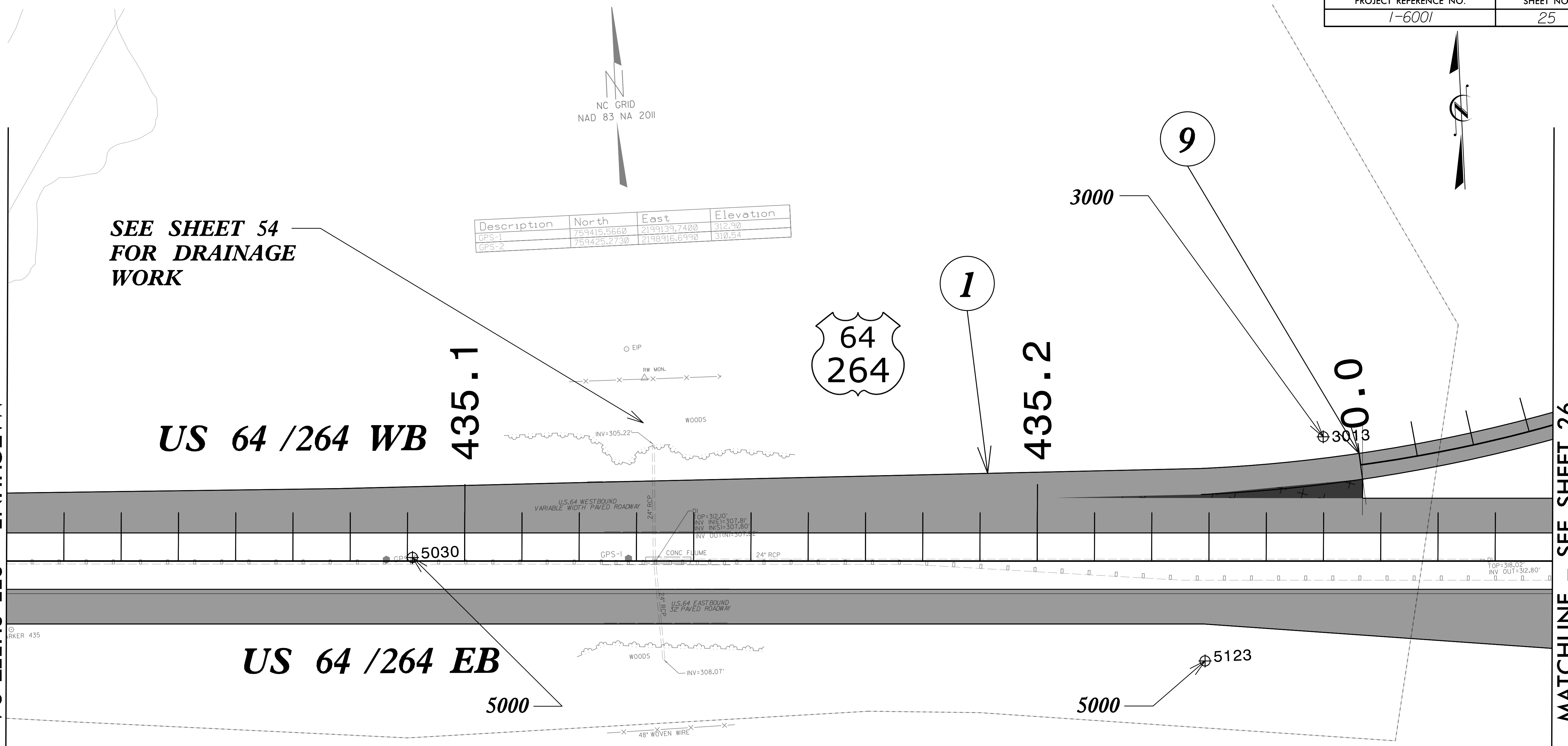


Description	North	East	Elevation
GPS-1	759415.5660	2199139.7400	312.90
GPS-2	759425.2730	2198916.6990	310.54

**SEE SHEET 54  
FOR DRAINAGE  
WORK**

MATCHLINE - SEE SHEET 24

MATCHLINE - SEE SHEET 26



REVISIONS

**INDEX**

- 1000 - CLEAR EXISTING SHOULDER BERM GUTTER (LF)**
- 2000 - CONCRETE DITCH CLEAN OUT (LF)**
- 3000 - DRAINAGE STRUCTURE CLEAN OUT (EA)**
- 5000 - SHOULDER DRAIN CLEAN OUT (LF)**
- 6000 - PATCHING EXISTING PAVEMENT (TONS)**
- 7000 - DITCHING (LF)**

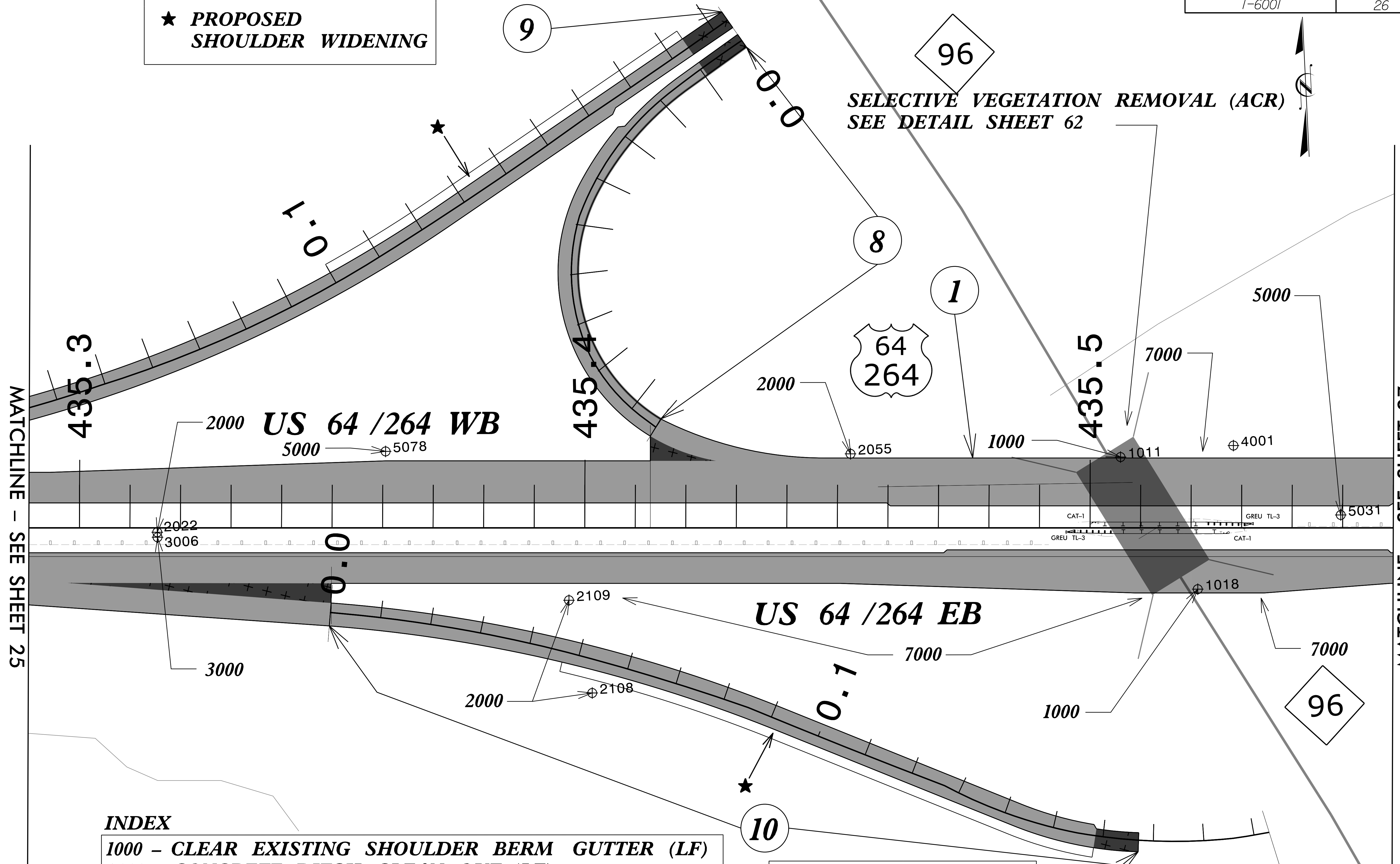
- 1. US 64 /264 EB & WB**
- 9. US 64 /264 WB RAMP**

**I-6001  
US 64 /264 RESURFACING**

★ **PROPOSED SHOULDER WIDENING**

96

**SELECTIVE VEGETATION REMOVAL (ACR)**  
SEE DETAIL SHEET 62



MATCHLINE - SEE SHEET 25

MATCHLINE - SEE SHEET 27

**INDEX**

- 1000 - CLEAR EXISTING SHOULDER BERM GUTTER (LF)
- 2000 - CONCRETE DITCH CLEAN OUT (LF)
- 3000 - DRAINAGE STRUCTURE CLEAN OUT (EA)
- 5000 - SHOULDER DRAIN CLEAN OUT (LF)
- 6000 - PATCHING EXISTING PAVEMENT (TONS)
- 7000 - DITCHING (LF)

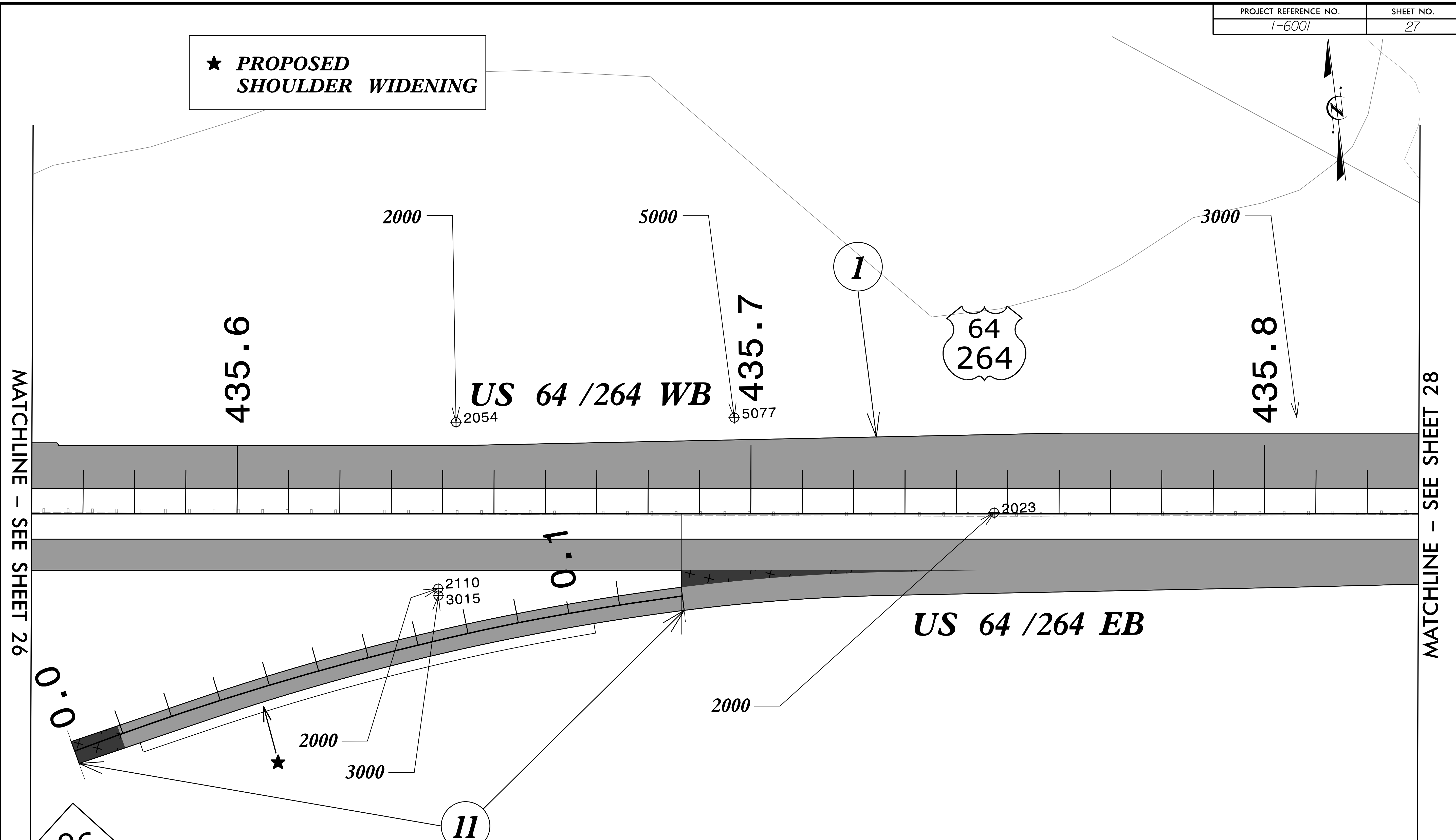
- 1. US 64 /264 EB & WB
- 8. US 64 /264 WB LOOP
- 9. US 64 /264 WB RAMP
- 10. US 64 /264 EB RAMP

I-6001  
**US 64 /264 RESURFACING**

REVISIONS

8/17/99

★ **PROPOSED SHOULDER WIDENING**



MATCHLINE - SEE SHEET 26

MATCHLINE - SEE SHEET 28

96

**INDEX**

- 1000 - CLEAR EXISTING SHOULDER BERM GUTTER (LF)
- 2000 - CONCRETE DITCH CLEAN OUT (LF)
- 3000 - DRAINAGE STRUCTURE CLEAN OUT (EA)
- 5000 - SHOULDER DRAIN CLEAN OUT (LF)
- 6000 - PATCHING EXISTING PAVEMENT (TONS)
- 7000 - DITCHING (LF)

**WAKLON DR.**

- 1. US 64 / 264 EB & WB
- 11. US 64 / 264 EB RAMP

I-6001  
US 64 / 264 RESURFACING

REVISIONS

8/17/99

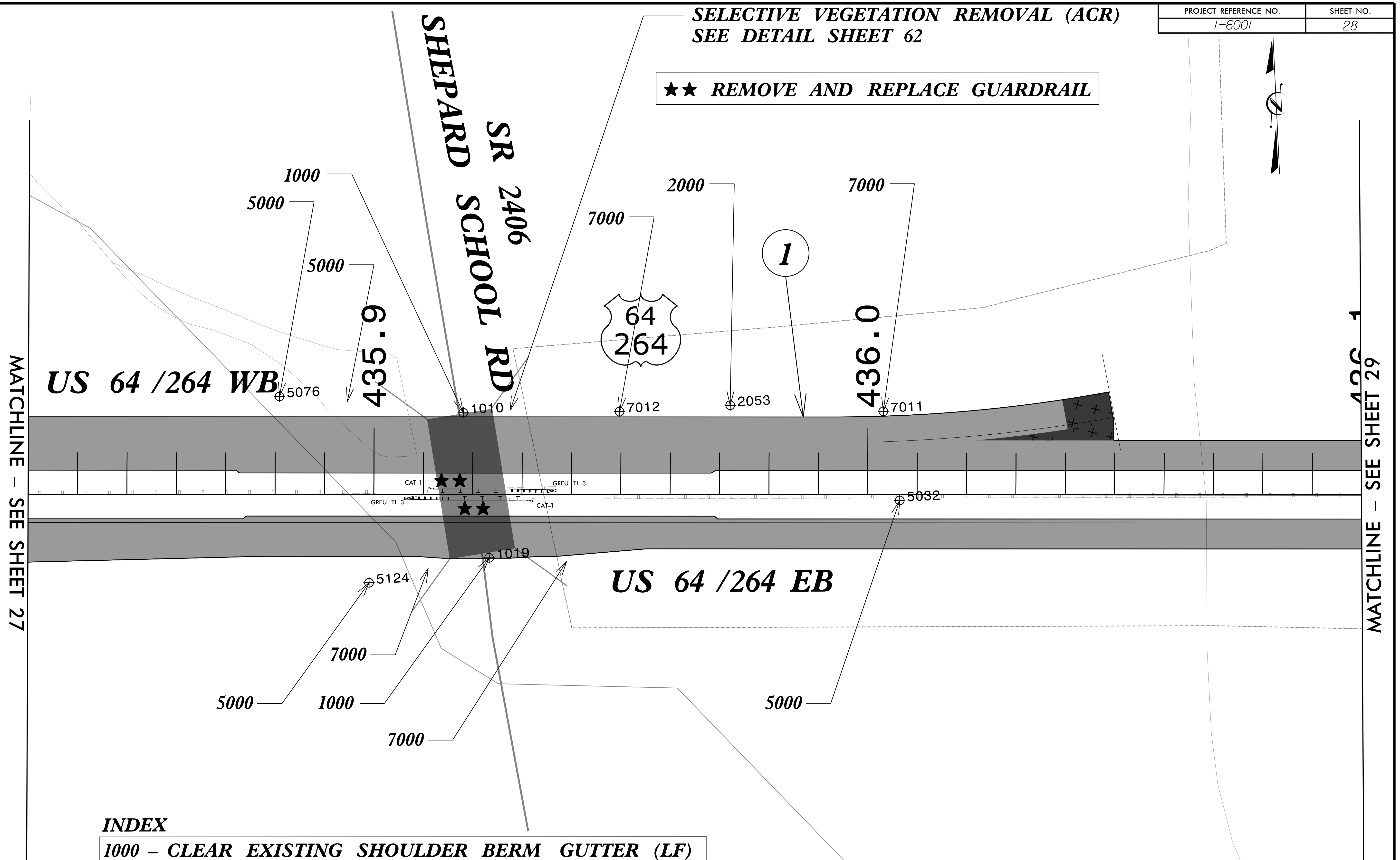
8/17/99

**SELECTIVE VEGETATION REMOVAL (ACR)**  
**SEE DETAIL SHEET 62**

PROJECT REFERENCE NO. I-6001	SHEET NO. 28
---------------------------------	-----------------



**★★ REMOVE AND REPLACE GUARDRAIL**



MATCHLINE - SEE SHEET 27

MATCHLINE - SEE SHEET 29

**INDEX**

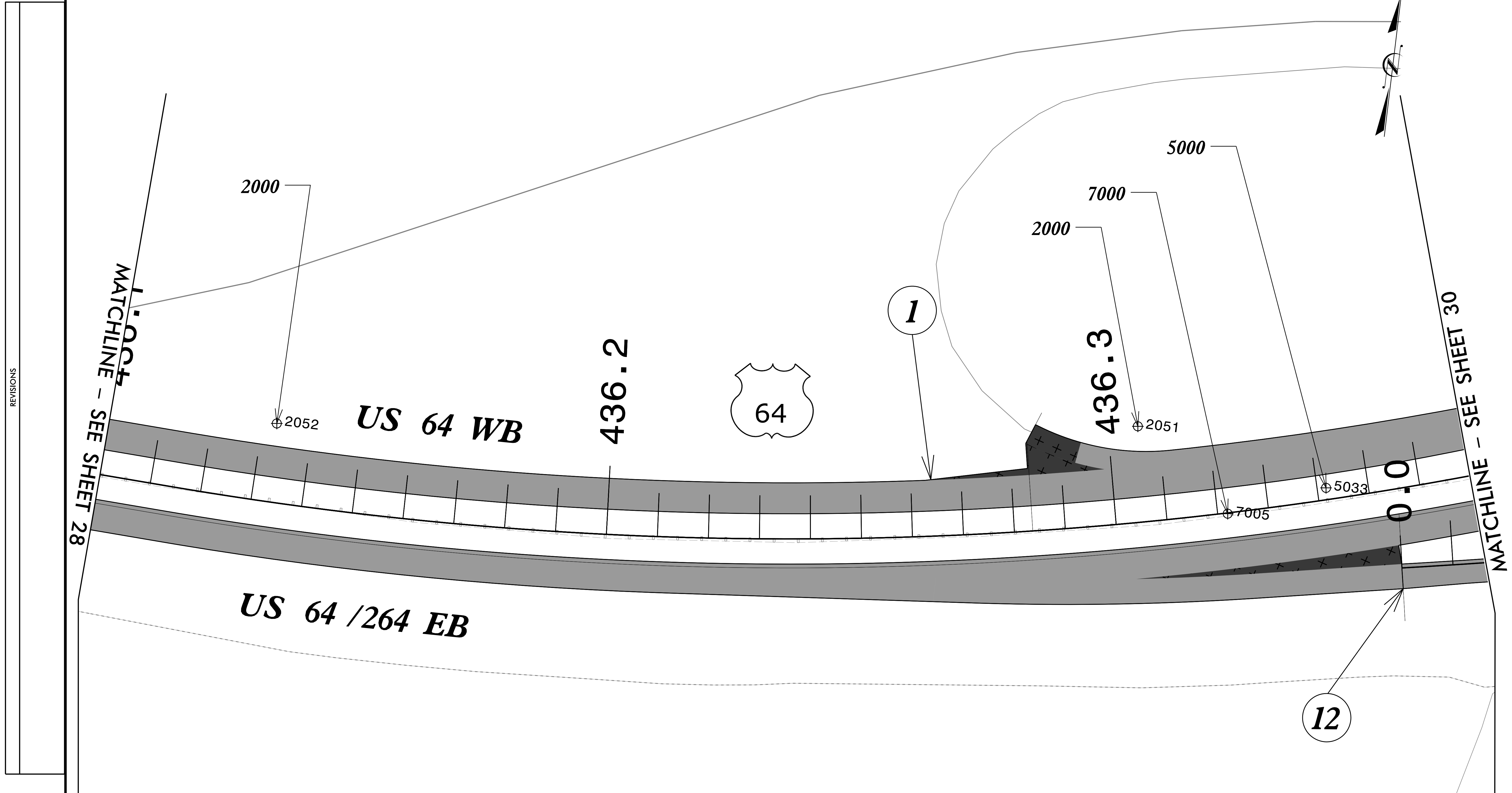
- 1000 - CLEAR EXISTING SHOULDER BERM GUTTER (LF)
- 2000 - CONCRETE DITCH CLEAN OUT (LF)
- 3000 - DRAINAGE STRUCTURE CLEAN OUT (EA)
- 5000 - SHOULDER DRAIN CLEAN OUT (LF)
- 6000 - PATCHING EXISTING PAVEMENT (TONS)
- 7000 - DITCHING (LF)

**1. US 64 /264 EB & WB**

**I-6001**  
**US 64 /264 RESURFACING**

REVISIONS

8/17/99



REVISIONS

**INDEX**

- 1000 - CLEAR EXISTING SHOULDER BERM GUTTER (LF)
- 2000 - CONCRETE DITCH CLEANOUT (LF)
- 3000 - DRAINAGE STRUCTURE CLEAN OUT (EA)
- 5000 - SHOULDER DRAIN CLEAN OUT (LF)
- 6000 - PATCHING EXISTING PAVEMENT (TONS)
- 7000 - DITCHING (LF)

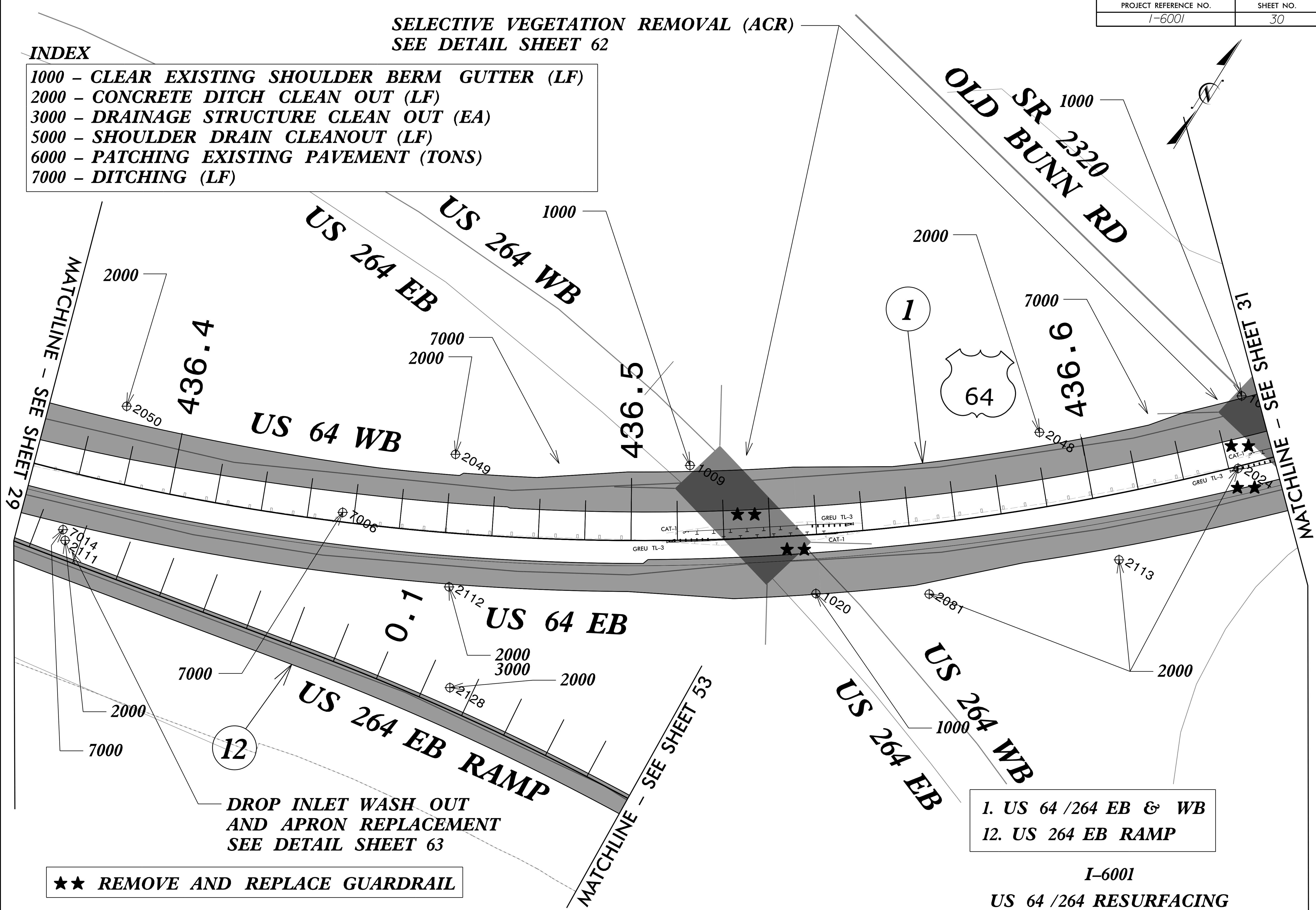
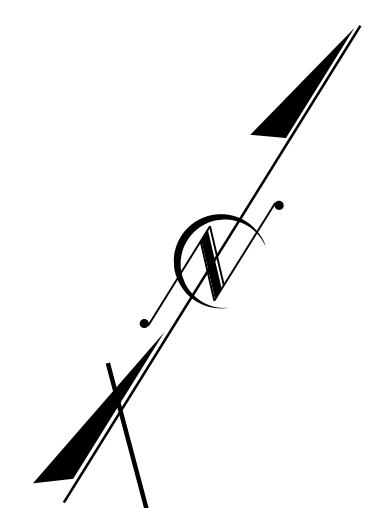
- 1. US 64 /264 EB & WB
- 12. US 264 EB RAMP

I-6001  
US 64 /264 RESURFACING

**SELECTIVE VEGETATION REMOVAL (ACR)**  
SEE DETAIL SHEET 62

**INDEX**

- 1000 - CLEAR EXISTING SHOULDER BERM GUTTER (LF)
- 2000 - CONCRETE DITCH CLEAN OUT (LF)
- 3000 - DRAINAGE STRUCTURE CLEAN OUT (EA)
- 5000 - SHOULDER DRAIN CLEANOUT (LF)
- 6000 - PATCHING EXISTING PAVEMENT (TONS)
- 7000 - DITCHING (LF)

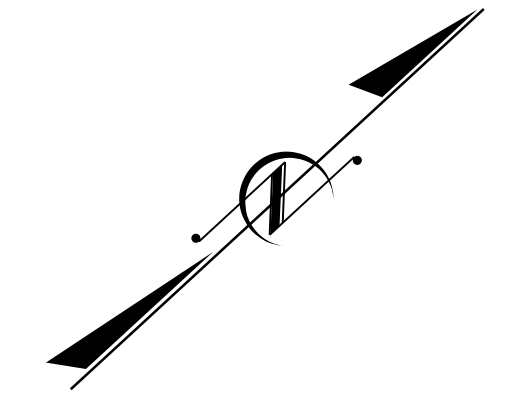


REVISIONS

- 1. US 64 /264 EB & WB
- 12. US 264 EB RAMP

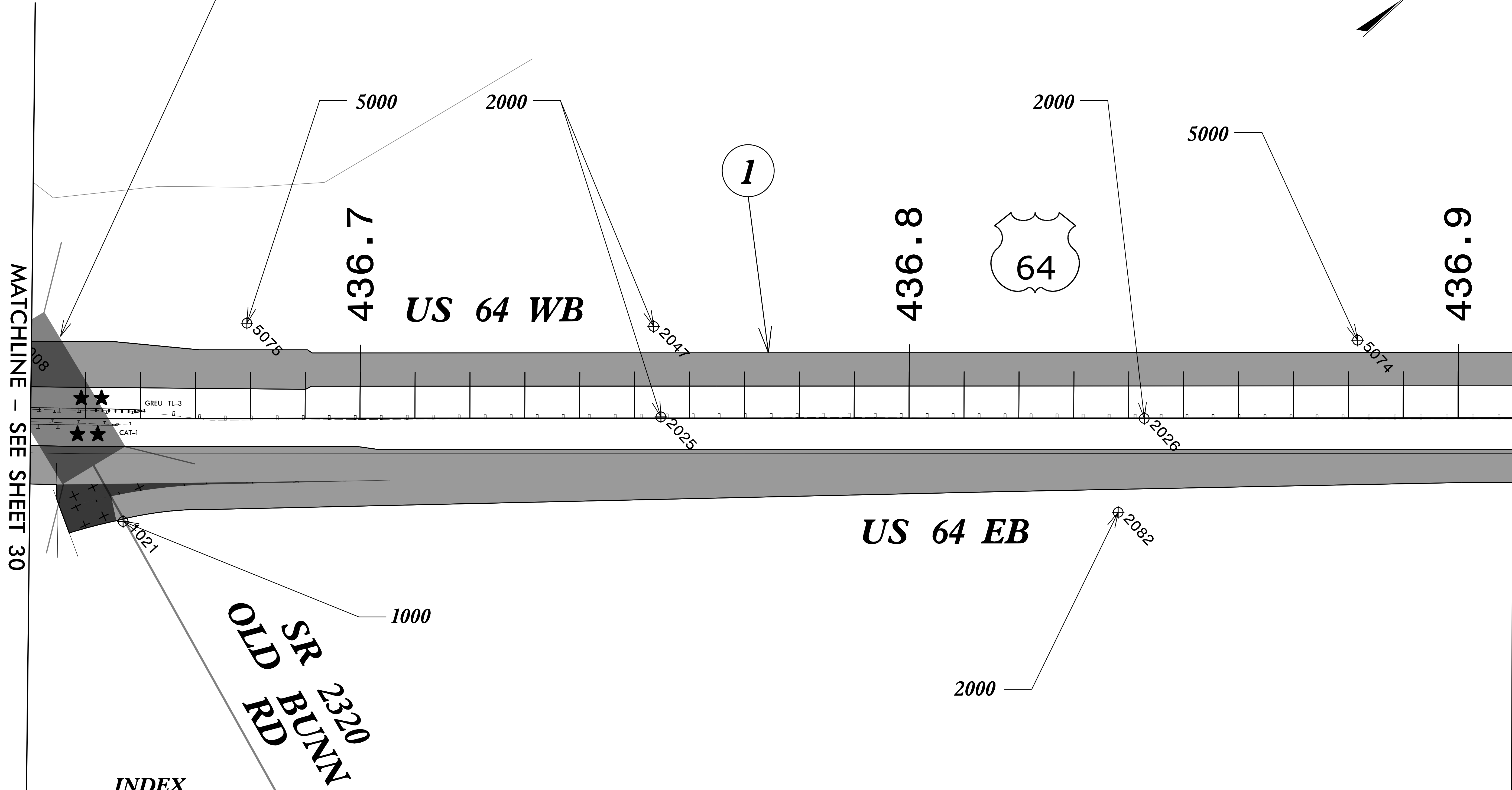
★★ REMOVE AND REPLACE GUARDRAIL

DROP INLET WASH OUT  
AND APRON REPLACEMENT  
SEE DETAIL SHEET 63



**SELECTIVE VEGETATION REMOVAL (ACR)  
SEE DETAIL SHEET 62**

**★★ REMOVE AND REPLACE GUARDRAIL**



MATCHLINE - SEE SHEET 30

MATCHLINE - SEE SHEET 32

**INDEX**

- 1000 - CLEAR EXISTING SHOULDER BERM GUTTER (LF)
- 2000 - CONCRETE DITCH CLEAN OUT (LF)
- 3000 - DRAINAGE STRUCTURE CLEAN OUT (EA)
- 5000 - SHOULDER DRAIN CLEAN OUT (LF)
- 6000 - PATCHING EXISTING PAVEMENT (TONS)
- 7000 - DITCHING (LF)

**1. US 64 EB & WB**

**I-6001  
US 64 /264 RESURFACING**

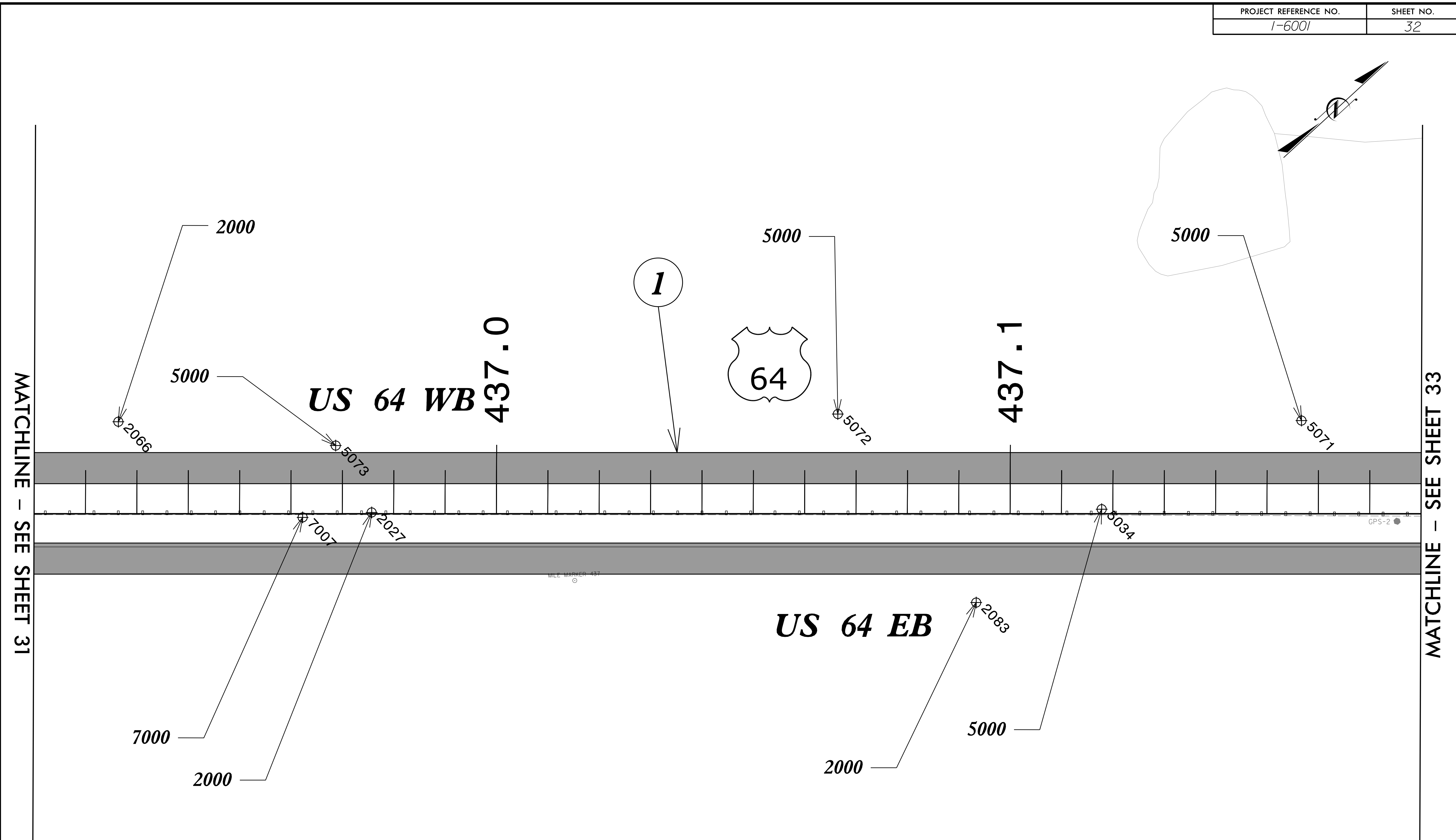
REVISIONS

8/17/99



8/17/99

REVISIONS



**INDEX**

- 1000 - CLEAR EXISTING SHOULDER BERM GUTTER (LF)
- 2000 - CONCRETE DITCH CLEAN OUT (LF)
- 3000 - DRAINAGE STRUCTURE CLEANOUT (EA)
- 5000 - SHOULDER DRAIN CLEAN OUT (LF)
- 6000 - PATCHING EXISTING PAVEMENT (TONS)
- 7000 - DITCHING (LF)

**1. US 64 EB & WB**

**I-6001  
US 64 /264 RESURFACING**

**VERTICAL CLEARING LIMITS  
ENTIRE LENGTH OF GUARDRAIL  
SEE DETAIL SHEET 63**

**★★ REMOVE AND REPLACE GUARDRAIL**

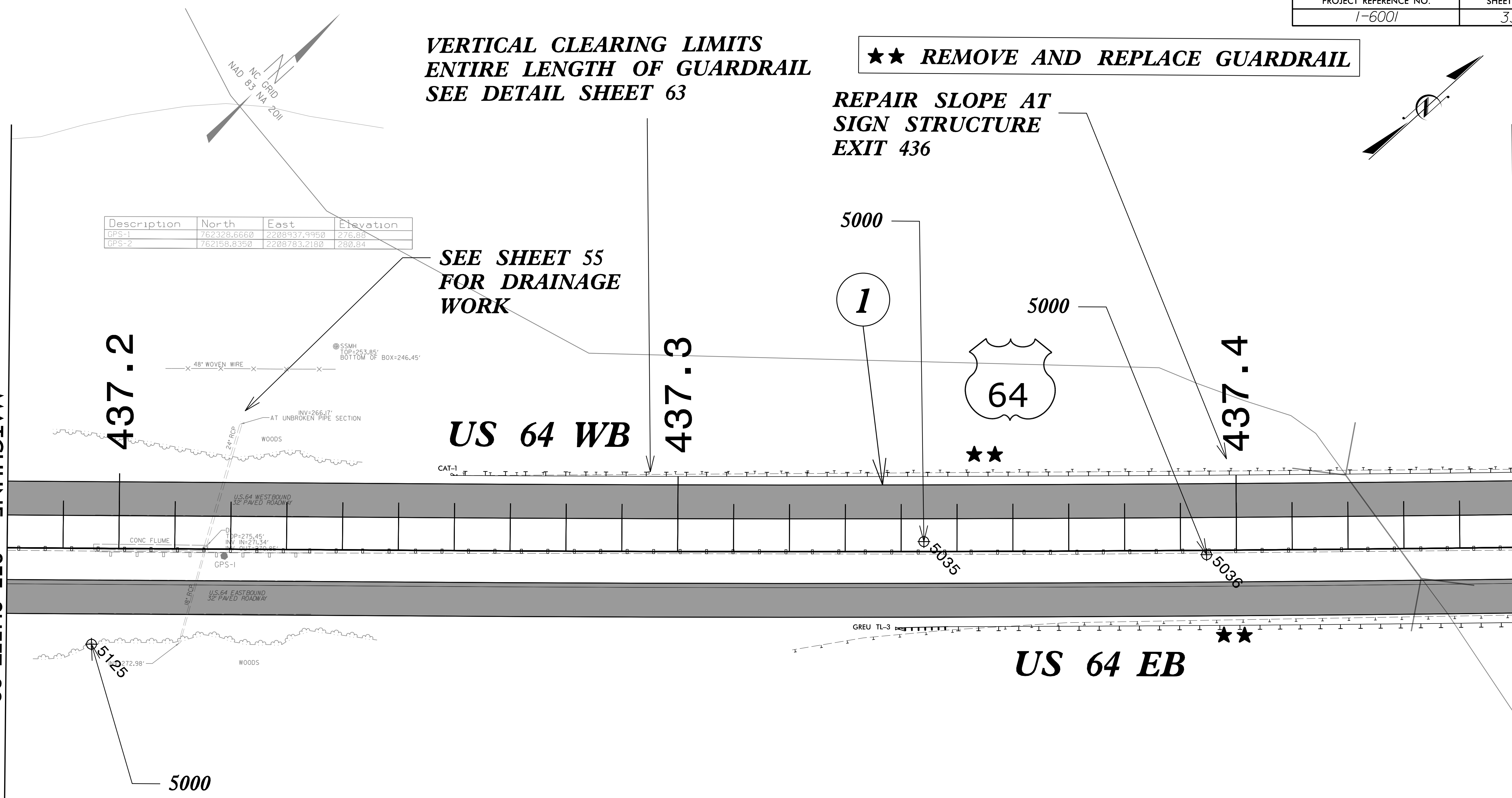
**REPAIR SLOPE AT  
SIGN STRUCTURE  
EXIT 436**

Description	North	East	Elevation
GPS-1	762328.6660	2208937.9950	276.88
GPS-2	762158.8350	2208783.2180	280.84

**SEE SHEET 55  
FOR DRAINAGE  
WORK**

MATCHLINE - SEE SHEET 32

MATCHLINE - SEE SHEET 34



**INDEX**

- 1000 - CLEAR EXISTING SHOULDER BERM GUTTER (LF)
- 2000 - CONCRETE DITCH CLEANOUT (LF)
- 3000 - DRAINAGE STRUCTURE CLEAN OUT (EA)
- 5000 - SHOULDER DRAIN CLEAN OUT (LF)
- 6000 - PATCHING EXISTING PAVEMENT (TONS)
- 7000 - DITCHING (LF)

**1. US 64 EB & WB**

**I-6001  
US 64 /264 RESURFACING**

REVISIONS

8/17/99

**★★ REMOVE AND REPLACE GUARDRAIL**

**VERTICAL CLEARING LIMITS  
ENTIRE LENGTH OF GUARDRAIL  
SEE DETAIL SHEET 63**

**SR 2339  
ROSINBURG RD**

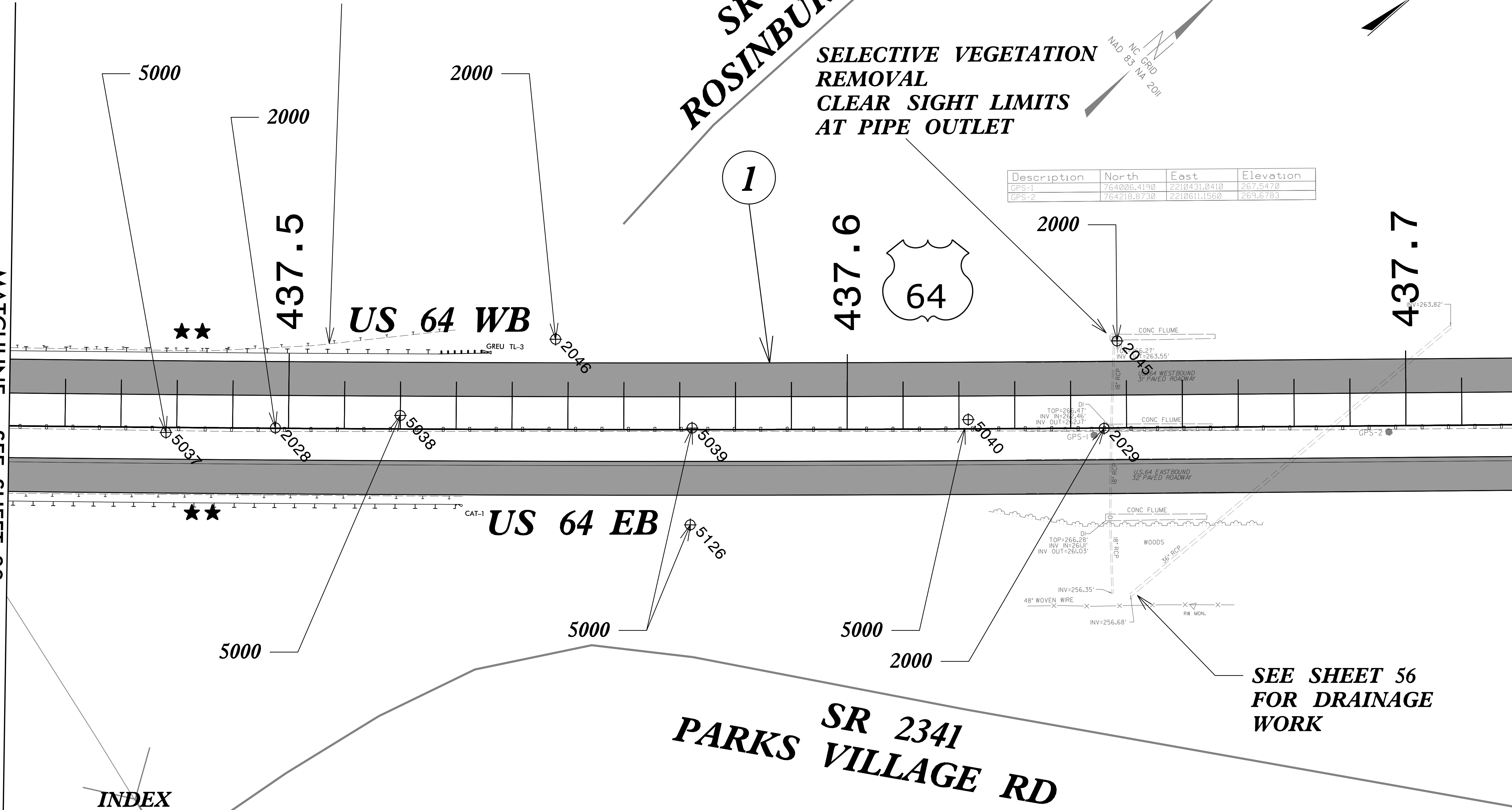
**SELECTIVE VEGETATION  
REMOVAL  
CLEAR SIGHT LIMITS  
AT PIPE OUTLET**



Description	North	East	Elevation
GPS-1	764006.4190	2210431.0410	267.5470
GPS-2	764218.8730	2210611.1560	269.6783

MATCHLINE - SEE SHEET 33

MATCHLINE - SEE SHEET 35



**INDEX**

- 1000 - CLEAR EXISTING SHOULDER BERM GUTTER (LF)
- 2000 - CONCRETE DITCH CLEAN OUT (LF)
- 3000 - DRAINAGE STRUCTURE CLEANOUT (EA)
- 5000 - SHOULDER DRAIN CLEAN OUT (LF)
- 6000 - PATCHING EXISTING PAVEMENT (TONS)
- 7000 - DITCHING (LF)

**1. US 64 EB & WB**

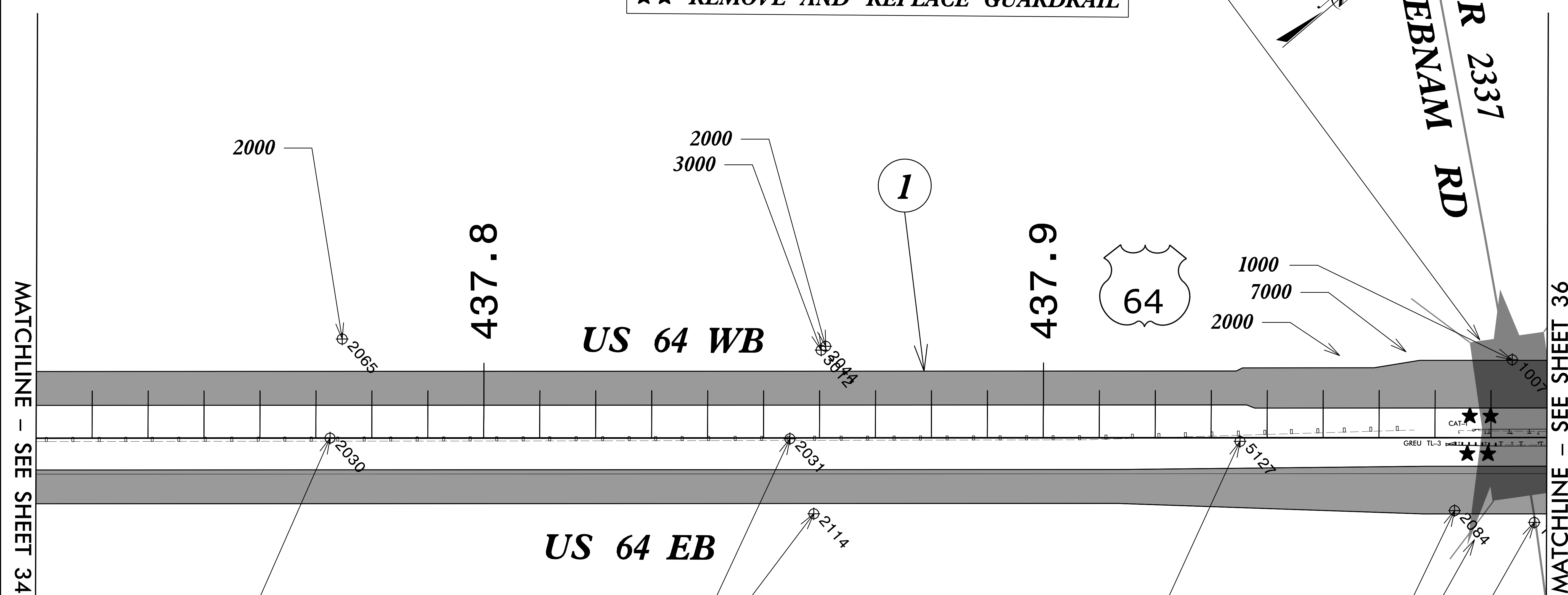
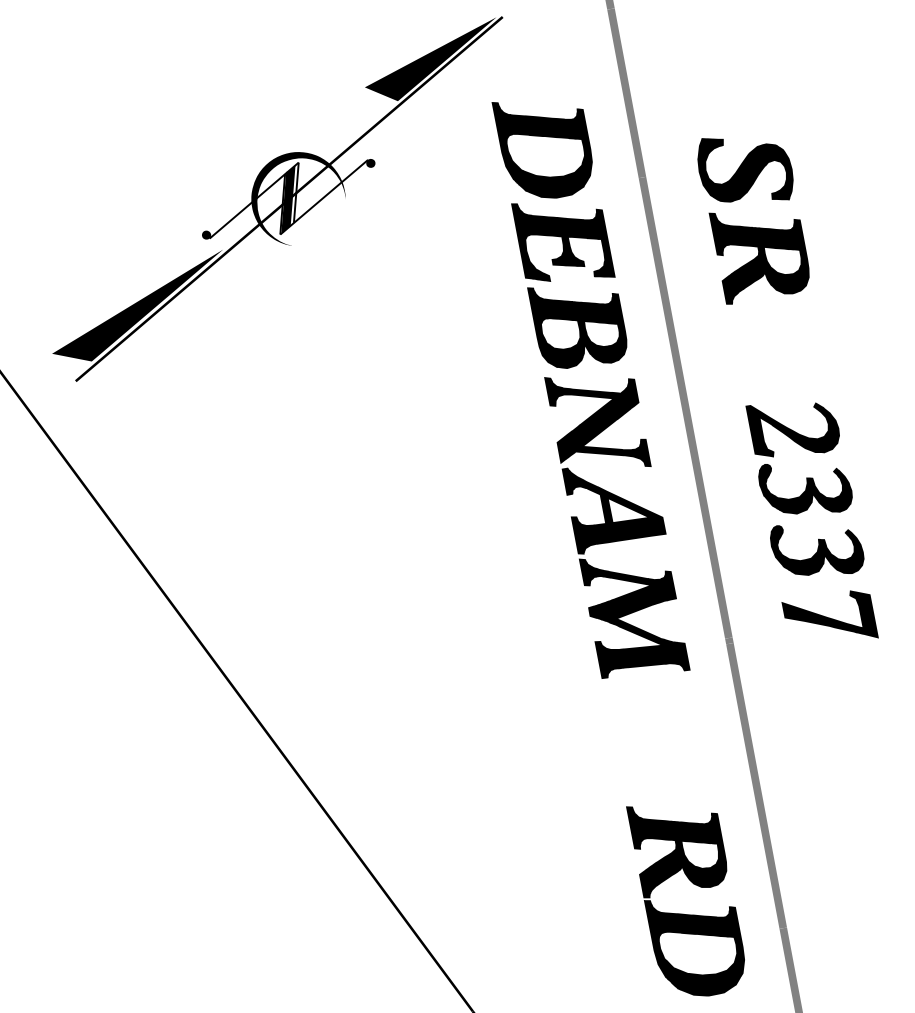
**I-6001  
US 64 /264 RESURFACING**

REVISIONS

8/17/99

**SELECTIVE VEGETATION REMOVAL (ACR)**  
SEE DETAIL SHEET 62

**★★ REMOVE AND REPLACE GUARDRAIL**



MATCHLINE - SEE SHEET 34

MATCHLINE - SEE SHEET 36

**SR 2341**  
**PARKS VILLAGE RD**

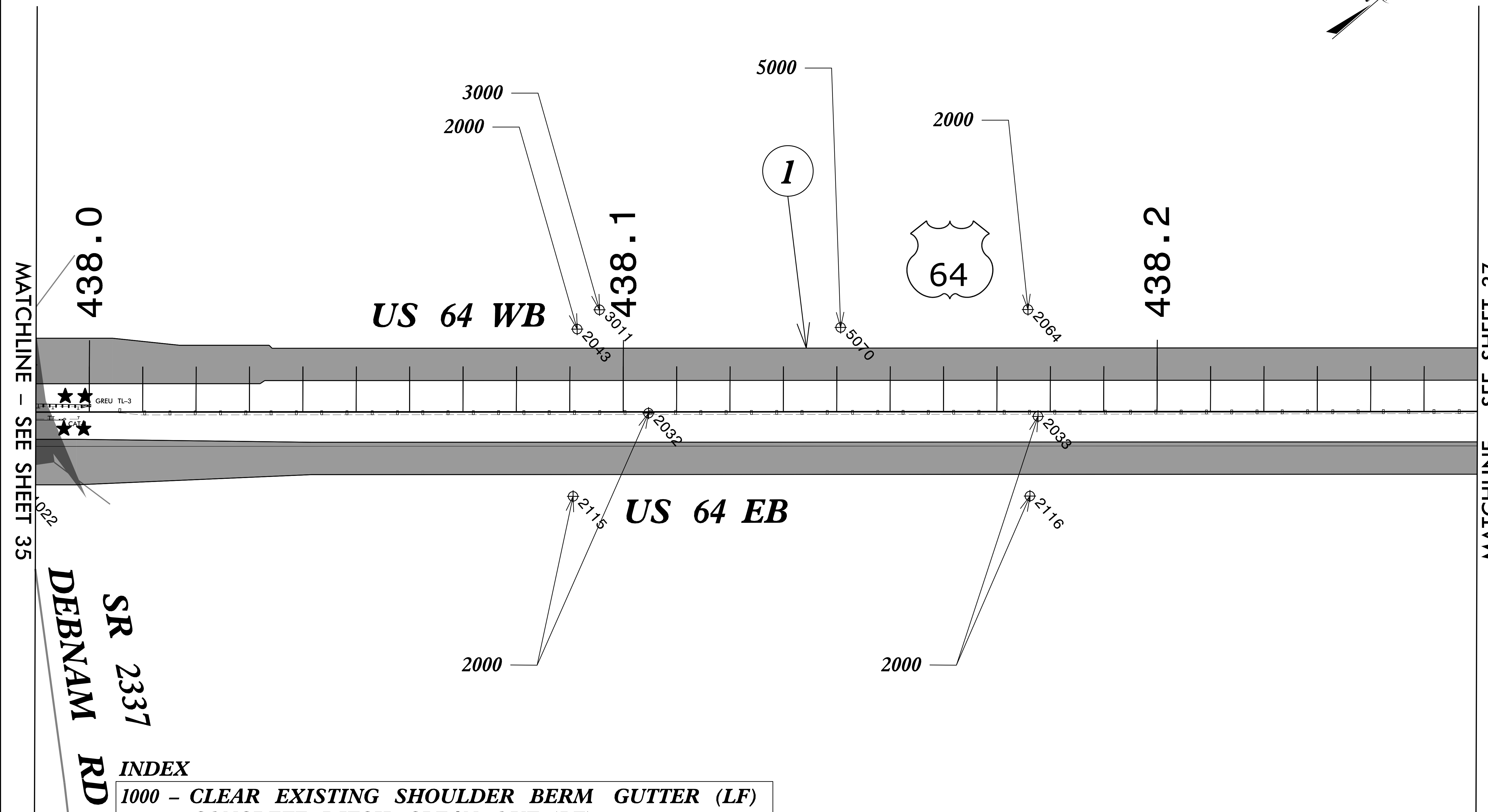
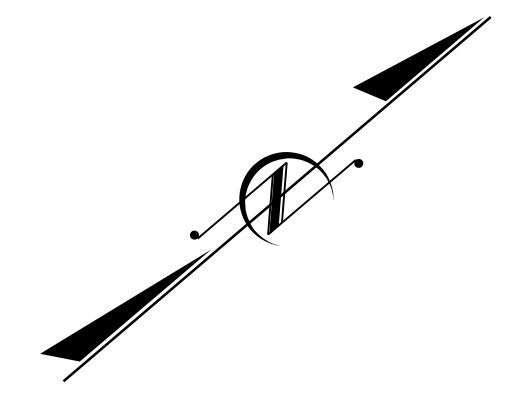
- INDEX**
- 1000 - CLEAR EXISTING SHOULDER BERM GUTTER (LF)
  - 2000 - CONCRETE DITCH CLEAN OUT (LF)
  - 3000 - DRAINAGE STRUCTURE CLEAN OUT (EA)
  - 5000 - SHOULDER DRAIN CLEAN OUT (LF)
  - 6000 - PATCHING EXISTING PAVEMENT (TONS)
  - 7000 - DITCHING (LF)

**1. US 64 EB & WB**

**I-6001**  
**US 64 /264 RESURFACING**

8/17/99  
REVISIONS

**★★ REMOVE AND REPLACE GUARDRAIL**



REVISIONS

MATCHLINE - SEE SHEET 35

MATCHLINE - SEE SHEET 37

**SR 2337  
DEBNAM RD**

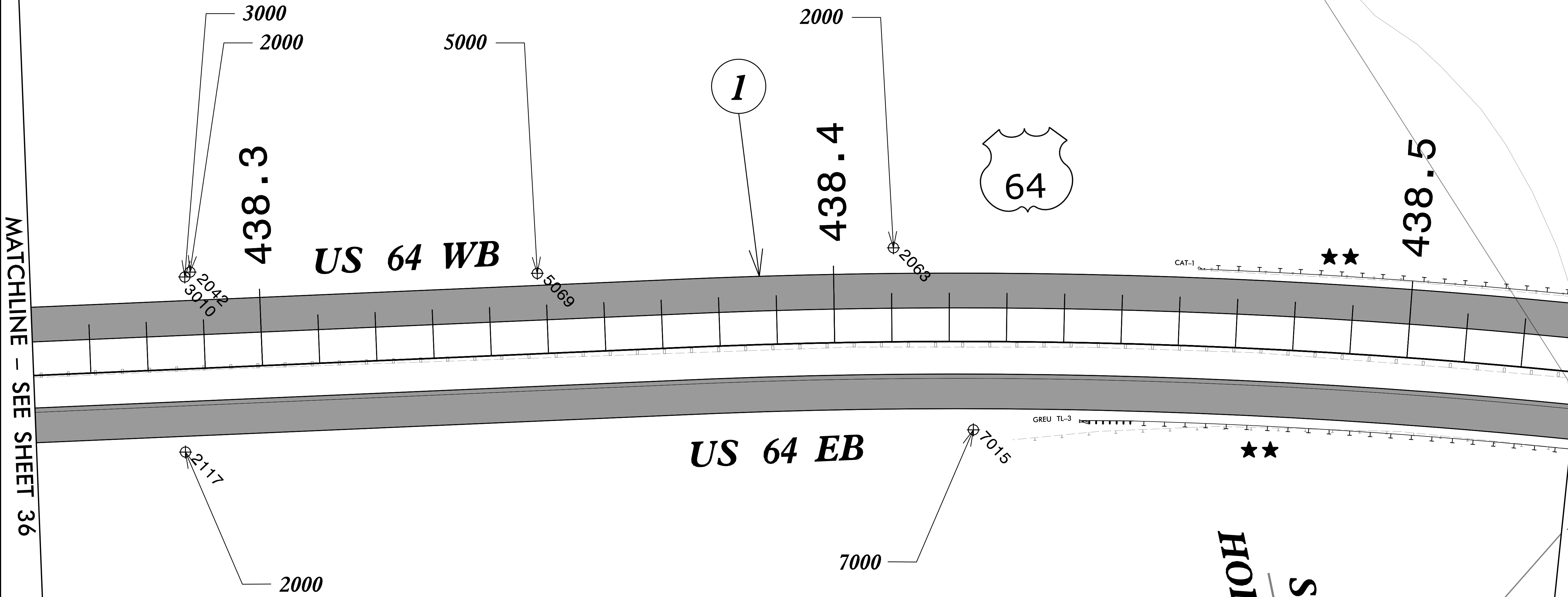
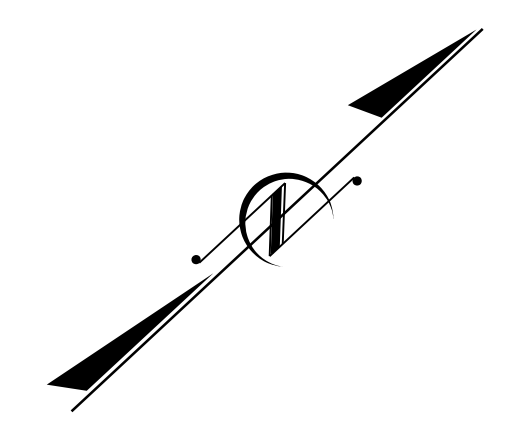
**INDEX**

- 1000 - CLEAR EXISTING SHOULDER BERM GUTTER (LF)
- 2000 - CONCRETE DITCH CLEAN OUT (LF)
- 3000 - DRAINAGE STRUCTURE CLEAN OUT (EA)
- 5000 - SHOULDER DRAIN CLEAN OUT (LF)
- 6000 - PATCHING EXISTING PAVEMENT (TONS)
- 7000 - DITCHING (LF)

**1. US 64 EB & WB**

**I-6001  
US 64 /264 RESURFACING**

**★★ REMOVE AND REPLACE GUARDRAIL**



**INDEX**

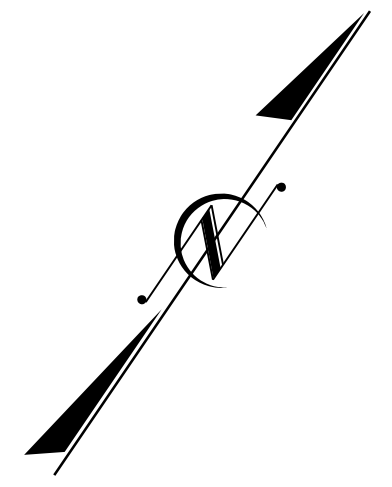
- 1000 - CLEAR EXISTING SHOULDER BERM GUTTER (LF)
- 2000 - CONCRETE DITCH CLEAN OUT (LF)
- 3000 - DRAINAGE STRUCTURE CLEAN OUT (EA)
- 5000 - SHOULDER DRAIN CLEAN OUT (LF)
- 6000 - PATCHING EXISTING PAVEMENT (TONS)
- 7000 - DITCHING (LF)

**1. US 64 EB & WB**

**I-6001  
US 64 /264 RESURFACING**

REVISIONS

8/17/99



**★★ REMOVE AND REPLACE GUARDRAIL**

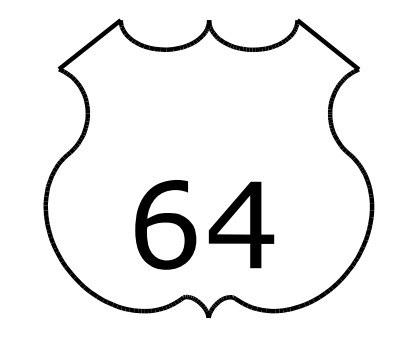
**PATRICIAN WAY**

**1**

5000  
438.6

**US 64 WB**

438.7



**US 64 EB**

2000

2118

**BUNN LAKE**

MATCHLINE - SEE SHEET 37

MATCHLINE - SEE SHEET 39

**INDEX**

- 1000 - CLEAR EXISTING SHOULDER BERM GUTTER (LF)
- 2000 - CONCRETE DITCH CLEAN OUT (LF)
- 3000 - DRAINAGE STRUCTURE CLEAN OUT (EA)
- 5000 - SHOULDER DRAIN CLEAN OUT (LF)
- 6000 - PATCHING EXISTING PAVEMENT (TONS)
- 7000 - DITCHING (LF)

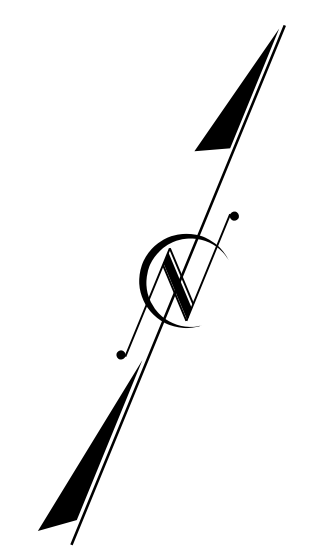
**1. US 64 EB & WB**

**I-6001  
US 64 /264 RESURFACING**

REVISIONS

8/17/99

★★ REMOVE AND REPLACE GUARDRAIL



WAKE COUNTY  
FRANKLIN COUNTY

BRIDGE  
NO. 219



US 64 WB

438.9

5000  
439.0

14

0.0

MATCHLINE - SEE SHEET 40

US 64 EB

★★

0.0

2119

2000

15

BRIDGE  
NO. 217

BUNN  
LAKE

SELECTIVE VEGETATION REMOVAL (ACR)  
SEE DETAIL SHEET 62

INDEX

- 1000 - CLEAR EXISTING SHOULDER BERM GUTTER (LF)
- 2000 - CONCRETE DITCH CLEAN OUT (LF)
- 3000 - DRAINAGE STRUCTURE CLEAN OUT (EA)
- 5000 - SHOULDER DRAIN CLEAN OUT (LF)
- 6000 - PATCHING EXISTING PAVEMENT (TONS)
- 7000 - DITCHING (LF)

- 1. US 64 EB & WB
- 14. US 64 WB RAMP
- 15. US 64 EB RAMP

I-6001  
US 64 /264 RESURFACING

8/17/99

REVISIONS

0.004  
MATCHLINE - SEE SHEET 38



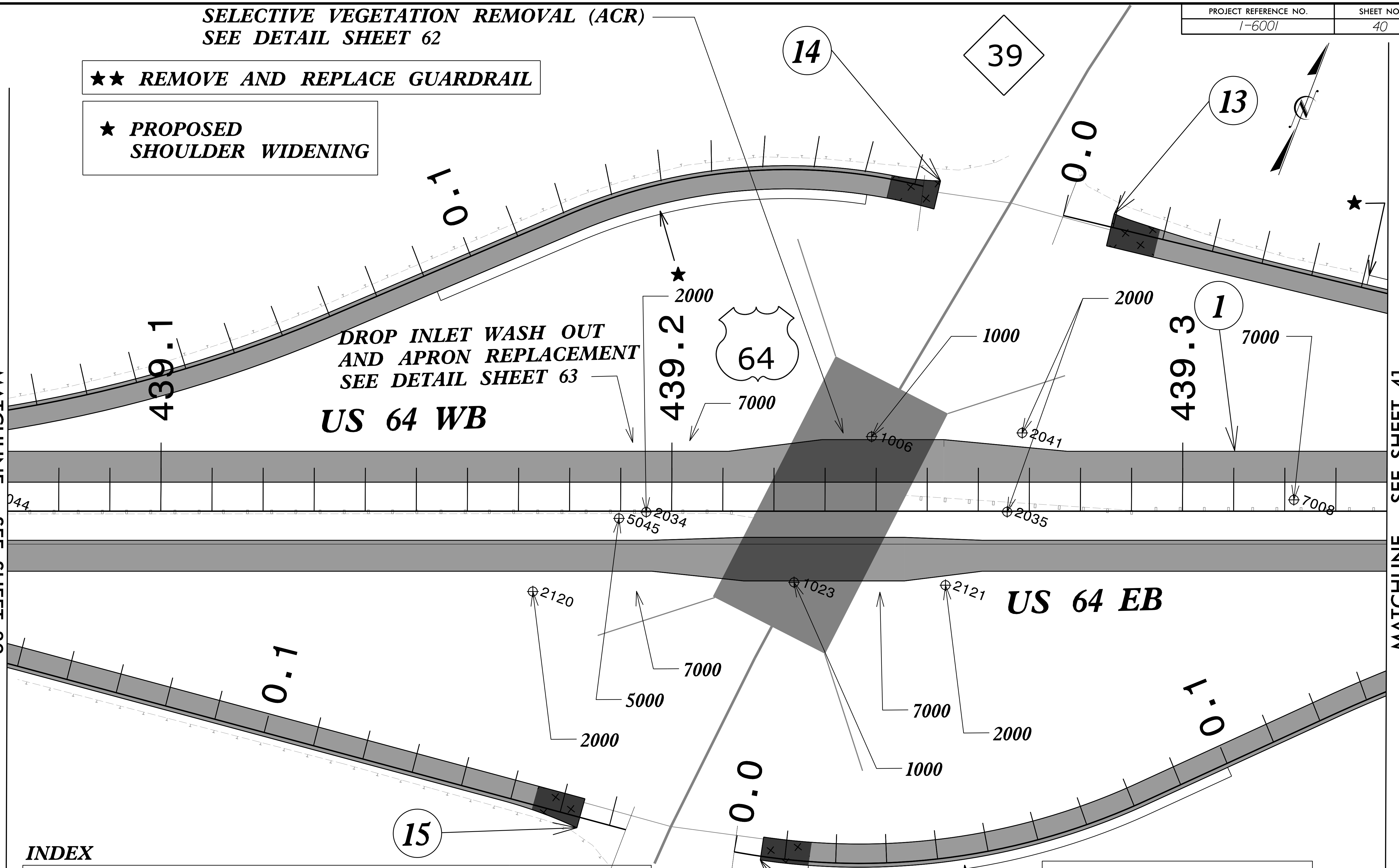
**SELECTIVE VEGETATION REMOVAL (ACR)**  
**SEE DETAIL SHEET 62**

**★★ REMOVE AND REPLACE GUARDRAIL**

**★ PROPOSED SHOULDER WIDENING**

MATCHLINE - SEE SHEET 39

MATCHLINE - SEE SHEET 41



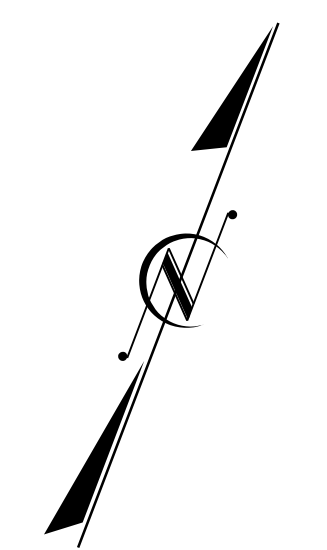
**INDEX**

- 1000 - CLEAR EXISTING SHOULDER BERM GUTTER (LF)
- 2000 - CONCRETE DITCH CLEAN OUT (LF)
- 3000 - DRAINAGE STRUCTURE CLEAN OUT (EA)
- 5000 - SHOULDER DRAIN CLEAN OUT (LF)
- 6000 - PATCHING EXISTING PAVEMENT (TONS)
- 7000 - DITCHING (LF)

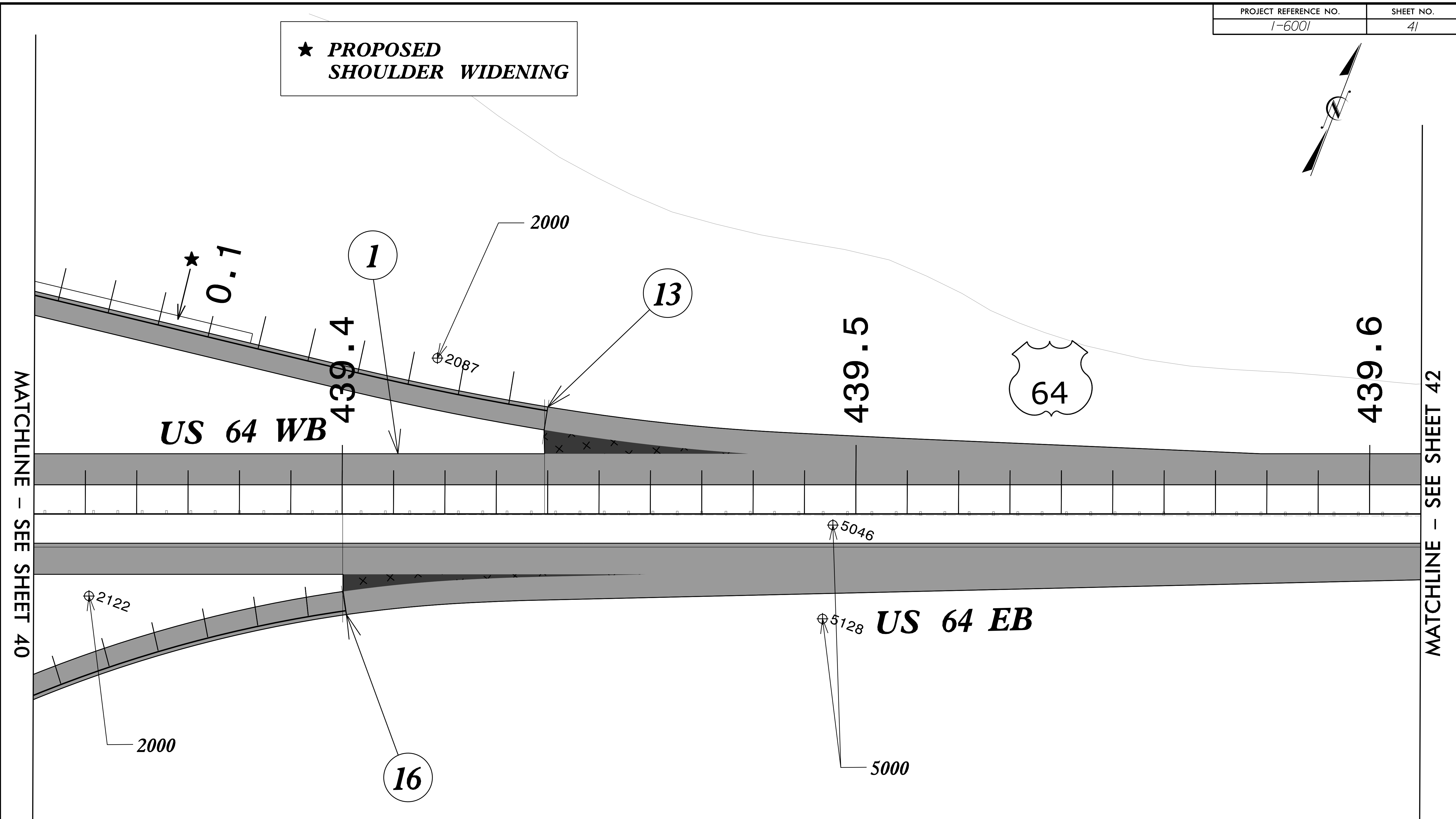
- 1. US 64 EB & WB
- 13. US 64 WB RAMP
- 14. US 64 WB RAMP
- 15. US 64 EB RAMP
- 16. US 64 EB RAMP

I-6001  
**US 64 /264 RESURFACING**

8/17/99  
 REVISIONS



★ **PROPOSED SHOULDER WIDENING**



MATCHLINE - SEE SHEET 40

MATCHLINE - SEE SHEET 42

**INDEX**

- 1000 - CLEAR EXISTING SHOULDER BERM GUTTER (LF)
- 2000 - CONCRETE DITCH CLEAN OUT (LF)
- 3000 - DRAINAGE STRUCTURE CLEAN OUT (EA)
- 5000 - SHOULDER DRAIN CLEAN OUT (LF)
- 6000 - PATCHING EXISTING PAVEMENT (TONS)
- 7000 - DITCHING (LF)

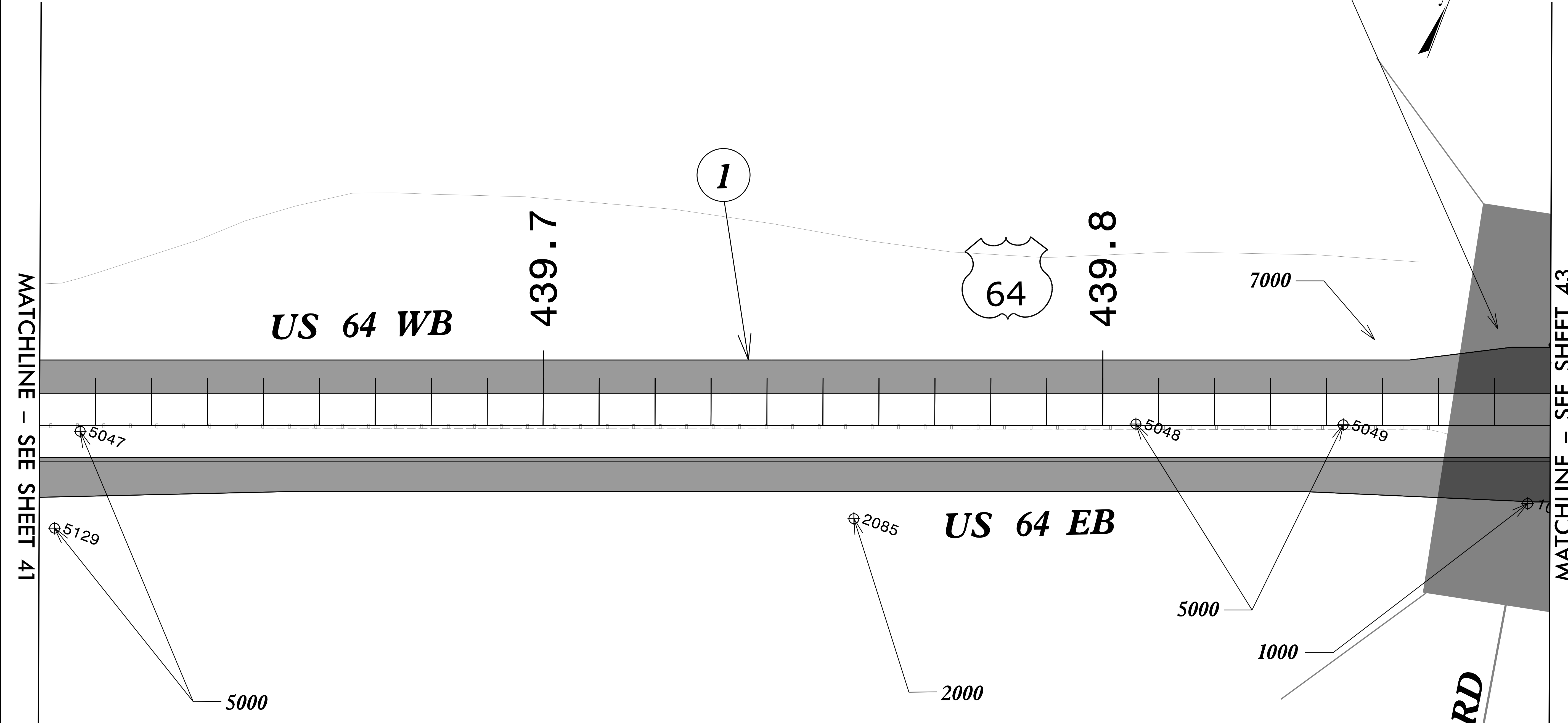
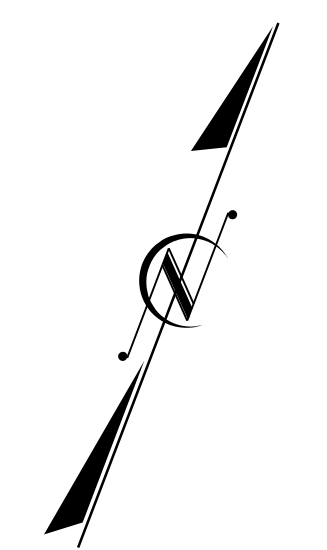
- 1. US 64 EB & WB
- 13. US 64 WB RAMP
- 16. US 64 EB RAMP

I-6001  
**US 64 /264 RESURFACING**

REVISIONS

8/17/99

**SELECTIVE VEGETATION REMOVAL (ACR)  
SEE DETAIL SHEET 62**



MATCHLINE - SEE SHEET 41

MATCHLINE - SEE SHEET 43

**INDEX**

- 1000 - CLEAR EXISTING SHOULDER BERM GUTTER (LF)
- 2000 - CONCRETE DITCH CLEAN OUT (LF)
- 3000 - DRAINAGE STRUCTURE CLEAN OUT (EA)
- 5000 - SHOULDER DRAIN CLEAN OUT (LF)
- 6000 - PATCHING EXISTING PAVEMENT (TONS)
- 7000 - DITCHING (LF)

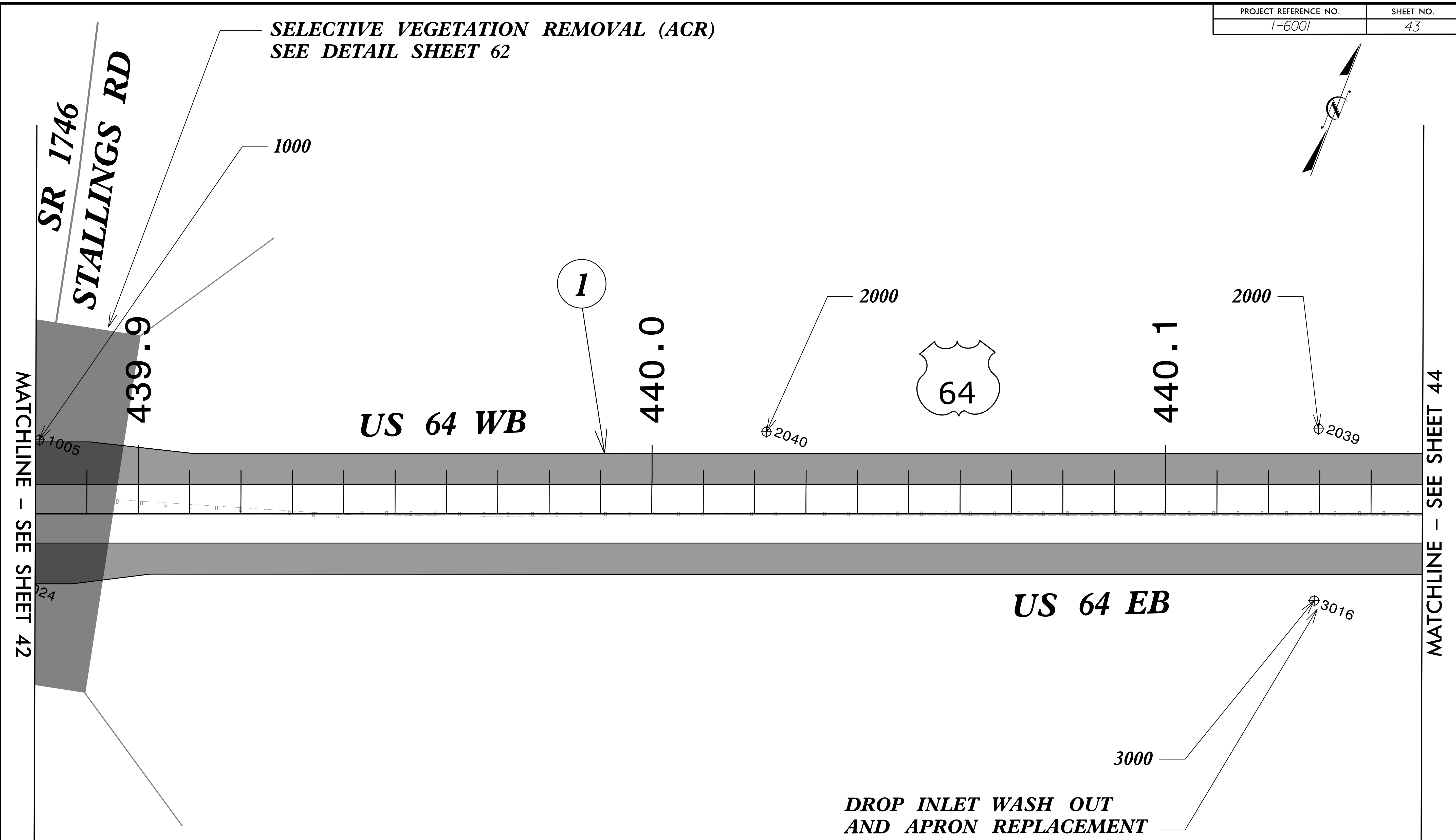
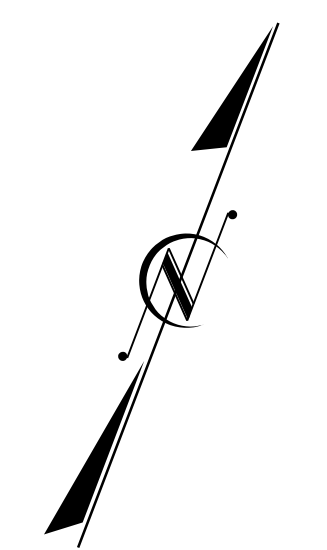
**1. US 64 EB & WB**

I-6001  
**US 64 /264 RESURFACING**

**SR 1746  
STALLINGS RD**

REVISIONS

8/17/99



REVISIONS

MATCHLINE - SEE SHEET 42

MATCHLINE - SEE SHEET 44

**SELECTIVE VEGETATION REMOVAL (ACR)  
SEE DETAIL SHEET 62**

**INDEX**

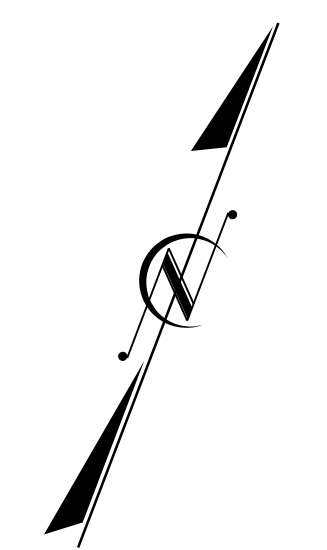
- 1000 - CLEAR EXISTING SHOULDER BERM GUTTER (LF)
- 2000 - CONCRETE DITCH CLEAN OUT (LF)
- 3000 - DRAINAGE STRUCTURE CLEAN OUT (EA)
- 5000 - SHOULDER DRAIN CLEAN OUT (LF)
- 6000 - PATCHING EXISTING PAVEMENT (TONS)
- 7000 - DITCHING (LF)

**DROP INLET WASH OUT  
AND APRON REPLACEMENT  
SEE DETAIL SHEET 63**

**1. US 64 EB & WB**

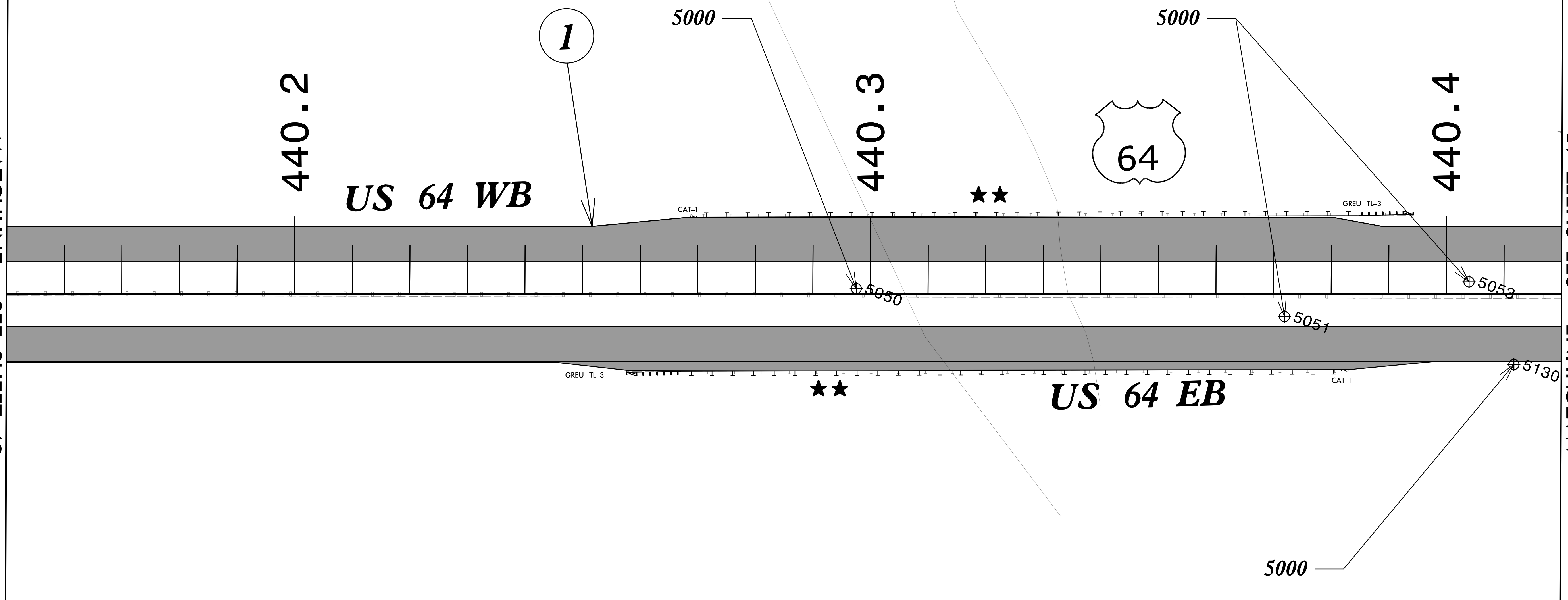
**I-6001  
US 64 /264 RESURFACING**

**★★ REMOVE AND REPLACE GUARDRAIL**



MATCHLINE - SEE SHEET 43

MATCHLINE - SEE SHEET 45



**INDEX**

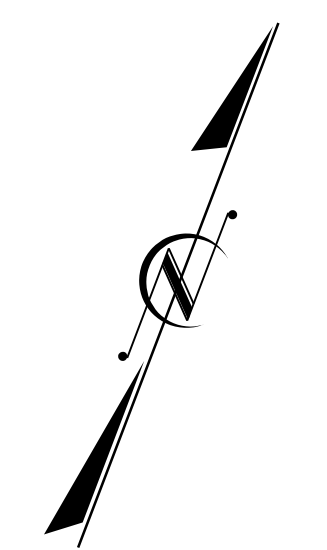
- 1000 - CLEAR EXISTING SHOULDER BERM GUTTER (LF)
- 2000 - CONCRETE DITCH CLEAN OUT (LF)
- 3000 - DRAINAGE STRUCTURE CLEAN OUT (EA)
- 5000 - SHOULDER DRAIN CLEAN OUT (LF)
- 6000 - PATCHING EXISTING PAVEMENT (TONS)
- 7000 - DITCHING (LF)

**1. US 64 EB & WB**

**I-6001  
US 64 /264 RESURFACING**

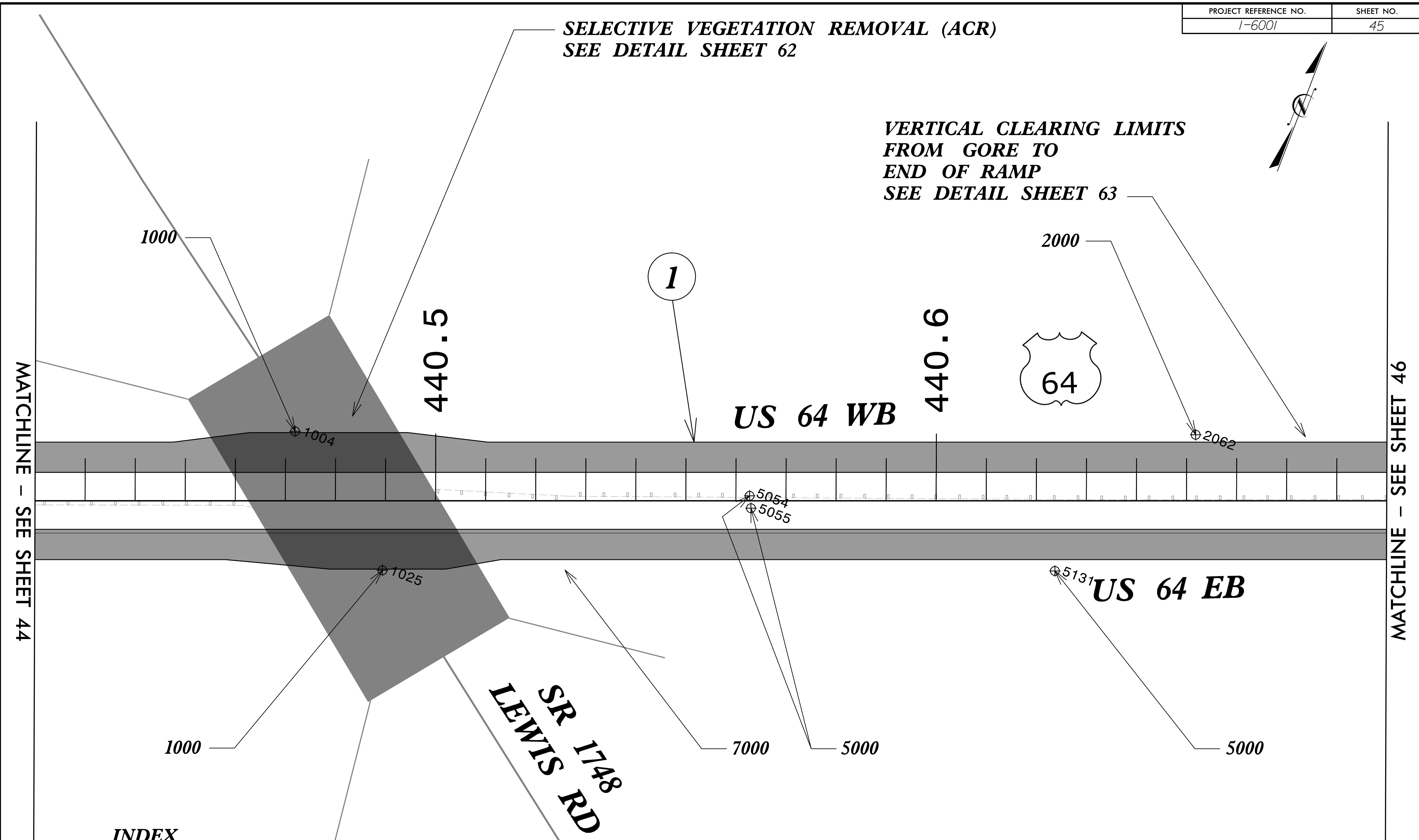
REVISIONS

8/17/99



**SELECTIVE VEGETATION REMOVAL (ACR)  
SEE DETAIL SHEET 62**

**VERTICAL CLEARING LIMITS  
FROM GORE TO  
END OF RAMP  
SEE DETAIL SHEET 63**



MATCHLINE - SEE SHEET 44

MATCHLINE - SEE SHEET 46

**INDEX**

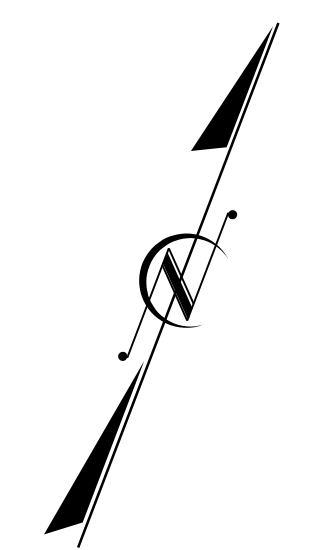
- 1000 - CLEAR EXISTING SHOULDER BERM GUTTER (LF)
- 2000 - CONCRETE DITCH CLEAN OUT (LF)
- 3000 - DRAINAGE STRUCTURE CLEAN OUT (EA)
- 5000 - SHOULDER DRAIN CLEAN OUT (LF)
- 6000 - PATCHING EXISTING PAVEMENT (TONS)
- 7000 - DITCHING (LF)

**1. US 64 EB & WB**

**I-6001  
US 64 /264 RESURFACING**

REVISIONS

8/17/99

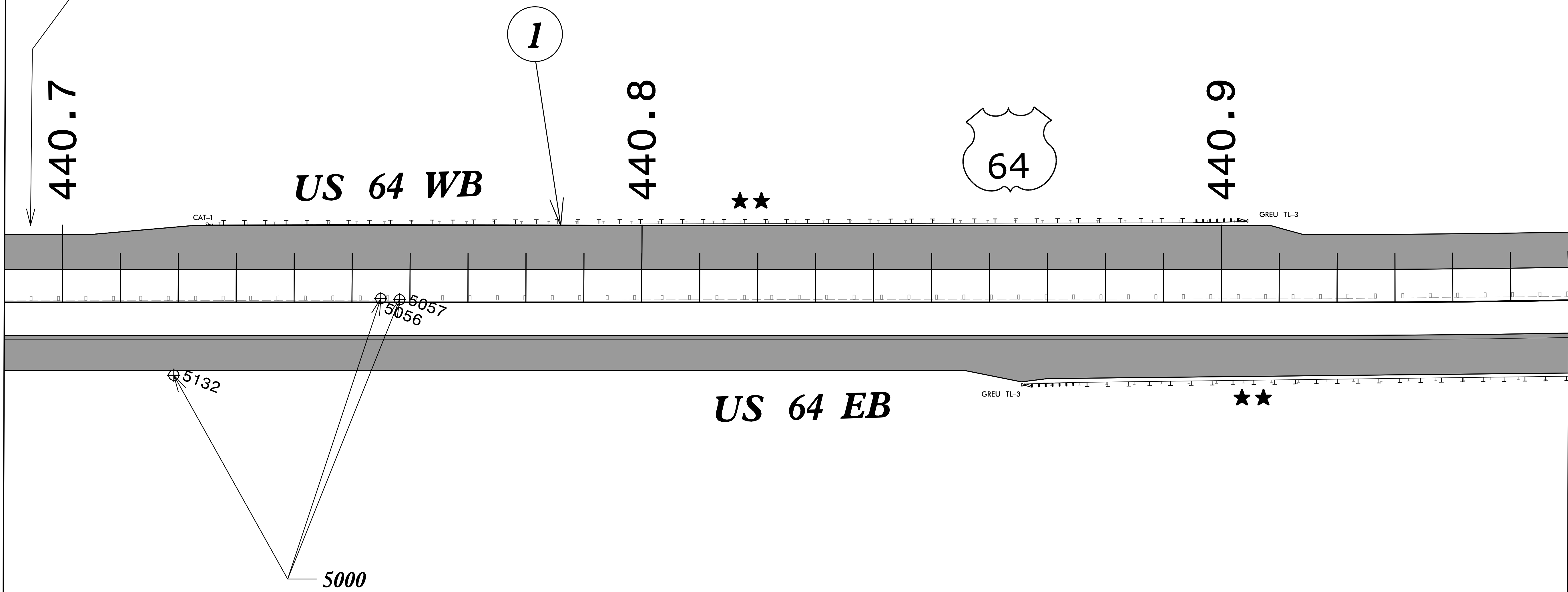


**★★ REMOVE AND REPLACE GUARDRAIL**

**VERTICAL CLEARING LIMITS  
FROM GORE TO  
END OF RAMP  
SEE DETAIL SHEET 63**

MATCHLINE - SEE SHEET 45

MATCHLINE - SEE SHEET 47



**INDEX**

- 1000 - CLEAR EXISTING SHOULDER BERM GUTTER (LF)
- 2000 - CONCRETE DITCH CLEAN OUT (LF)
- 3000 - DRAINAGE STRUCTURE CLEAN OUT (EA)
- 5000 - SHOULDER DRAIN CLEAN OUT (LF)
- 6000 - PATCHING EXISTING PAVEMENT (TONS)
- 7000 - DITCHING (LF)

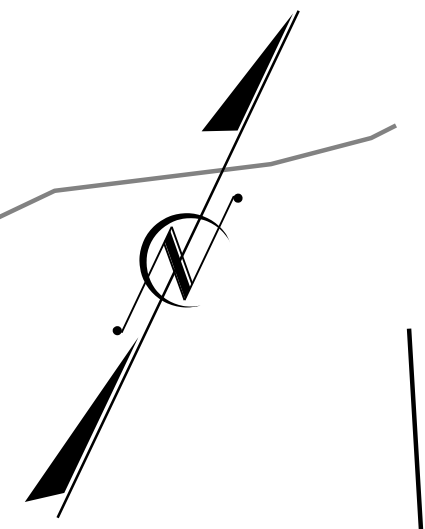
**1. US 64 EB & WB**

**I-6001  
US 64 /264 RESURFACING**

REVISIONS

8/17/99

**★★ REMOVE AND REPLACE GUARDRAIL**



MATCHLINE - SEE SHEET 46

MATCHLINE - SEE SHEET 48

441.0

**US 64 WB**

1

441.1

5000



441.2

★★

⊕5068

⊕5058

★★

CAT-1

⊕5133

⊕3017

**US 64 EB**

GREU TL-3

⊕2086

★★

**DROP INLET WASH OUT  
AND APRON REPLACEMENT  
SEE DETAIL SHEET 63**

5000

3000

2000

**INDEX**

- 1000 - CLEAR EXISTING SHOULDER BERM GUTTER (LF)
- 2000 - CONCRETE DITCH CLEAN OUT (LF)
- 3000 - DRAINAGE STRUCTURE CLEAN OUT (EA)
- 5000 - SHOULDER DRAIN CLEAN OUT (LF)
- 6000 - PATCHING EXISTING PAVEMENT (TONS)
- 7000 - DITCHING (LF)

**1. US 64 EB & WB**

**I-6001  
US 64 /264 RESURFACING**

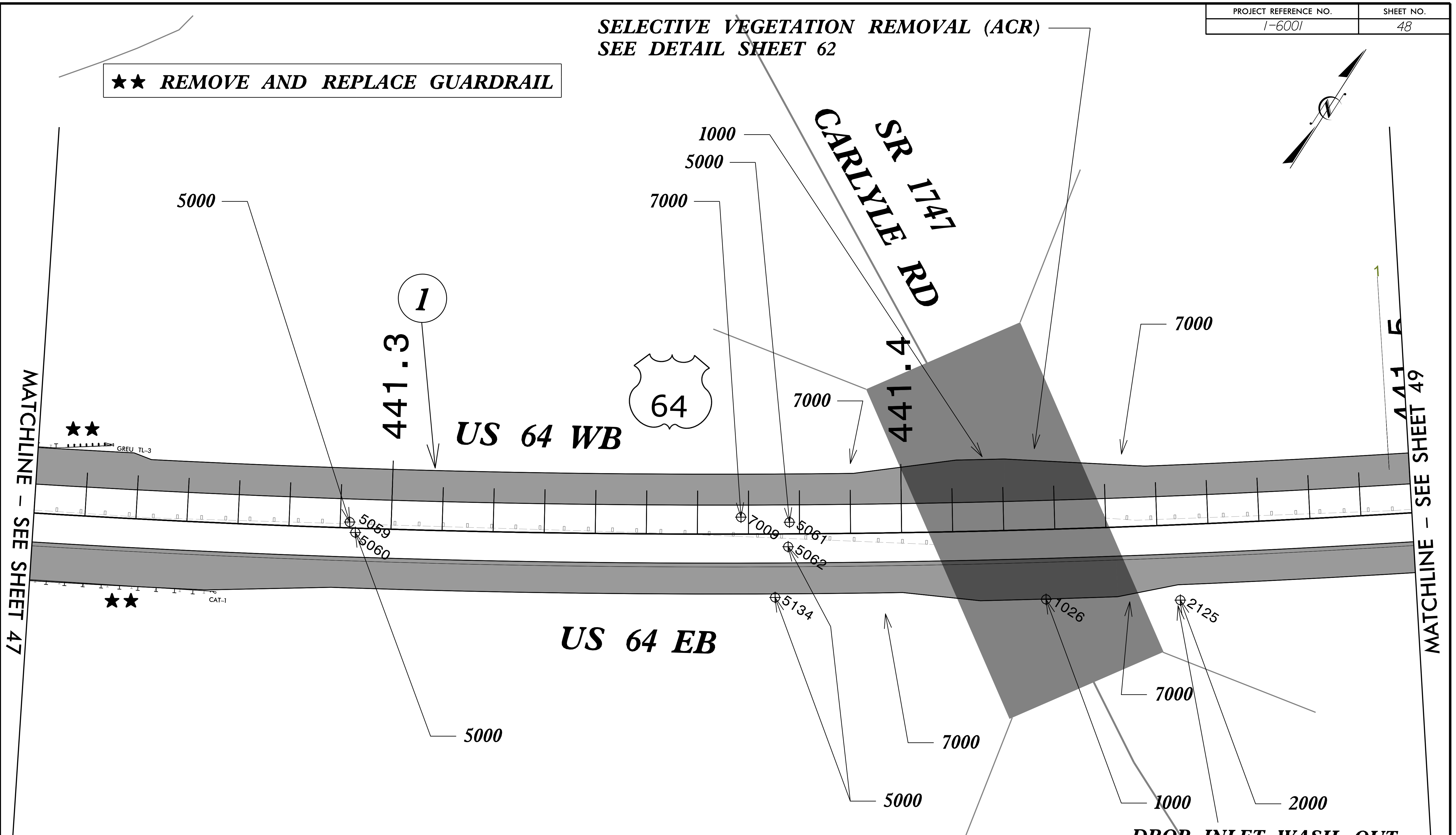
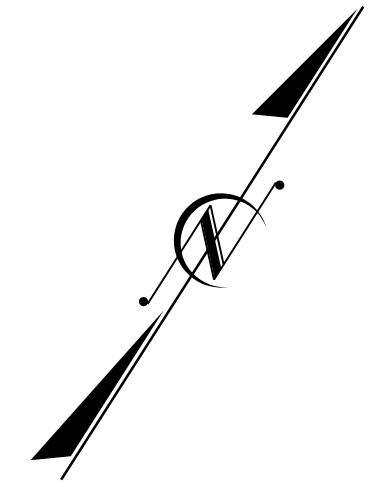
REVISIONS

8/17/99



**SELECTIVE VEGETATION REMOVAL (ACR)  
SEE DETAIL SHEET 62**

**★★ REMOVE AND REPLACE GUARDRAIL**



**INDEX**

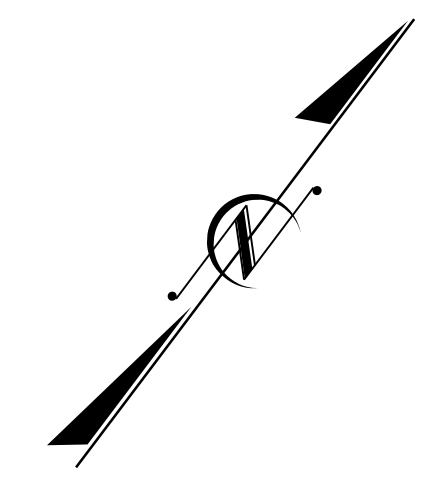
- 1000 - CLEAR EXISTING SHOULDER BERM GUTTER (LF)
- 2000 - CONCRETE DITCH CLEAN OUT (LF)
- 3000 - DRAINAGE STRUCTURE CLEAN OUT (EA)
- 5000 - SHOULDER DRAIN CLEAN OUT (LF)
- 6000 - PATCHING EXISTING PAVEMENT (TONS)
- 7000 - DITCHING (LF)

**1. US 64 EB & WB**

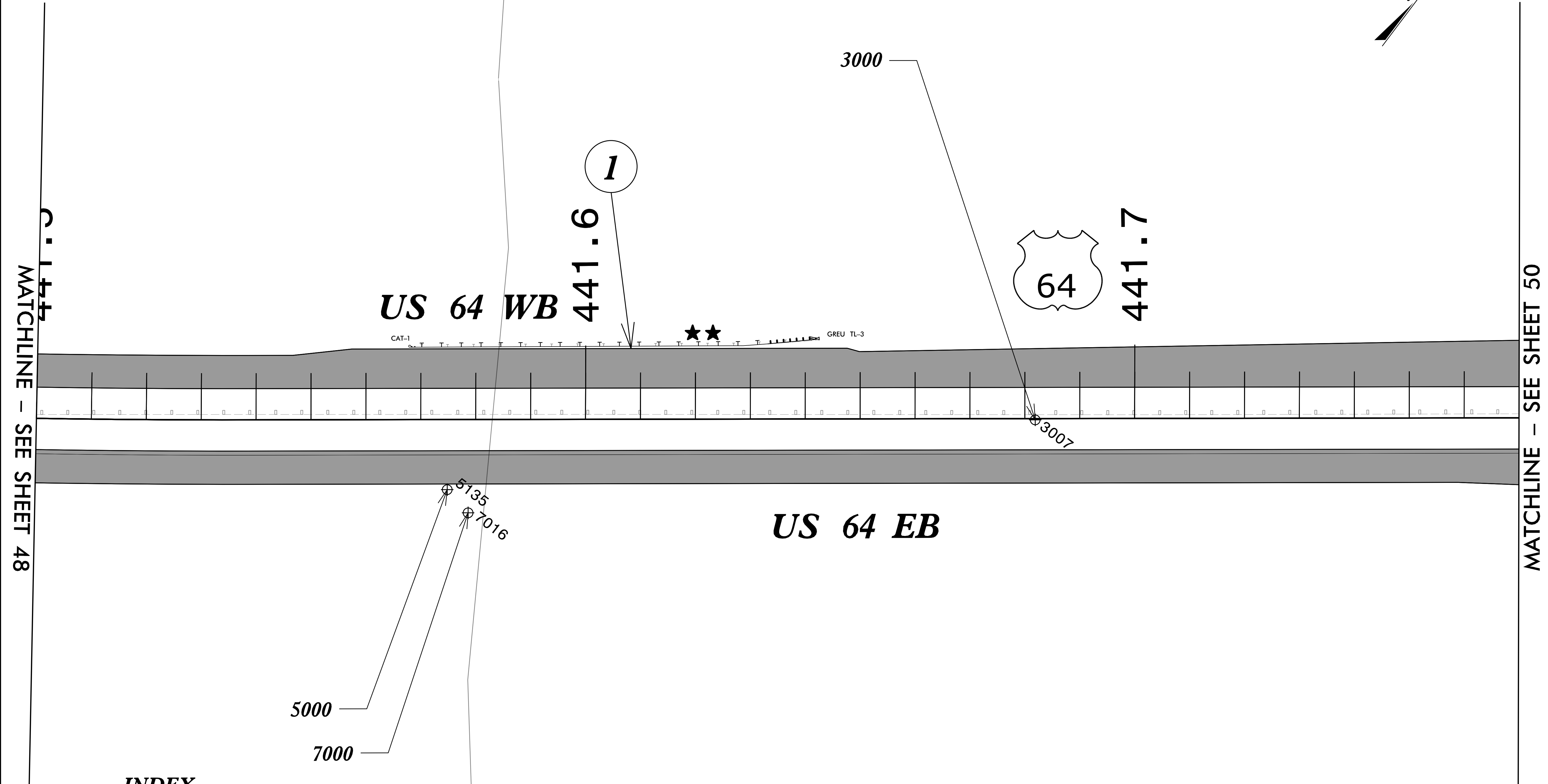
**I-6001  
US 64 /264 RESURFACING**

REVISIONS

8/17/99



**★★ REMOVE AND REPLACE GUARDRAIL**



MATCHLINE - SEE SHEET 48

MATCHLINE - SEE SHEET 50

REVISIONS

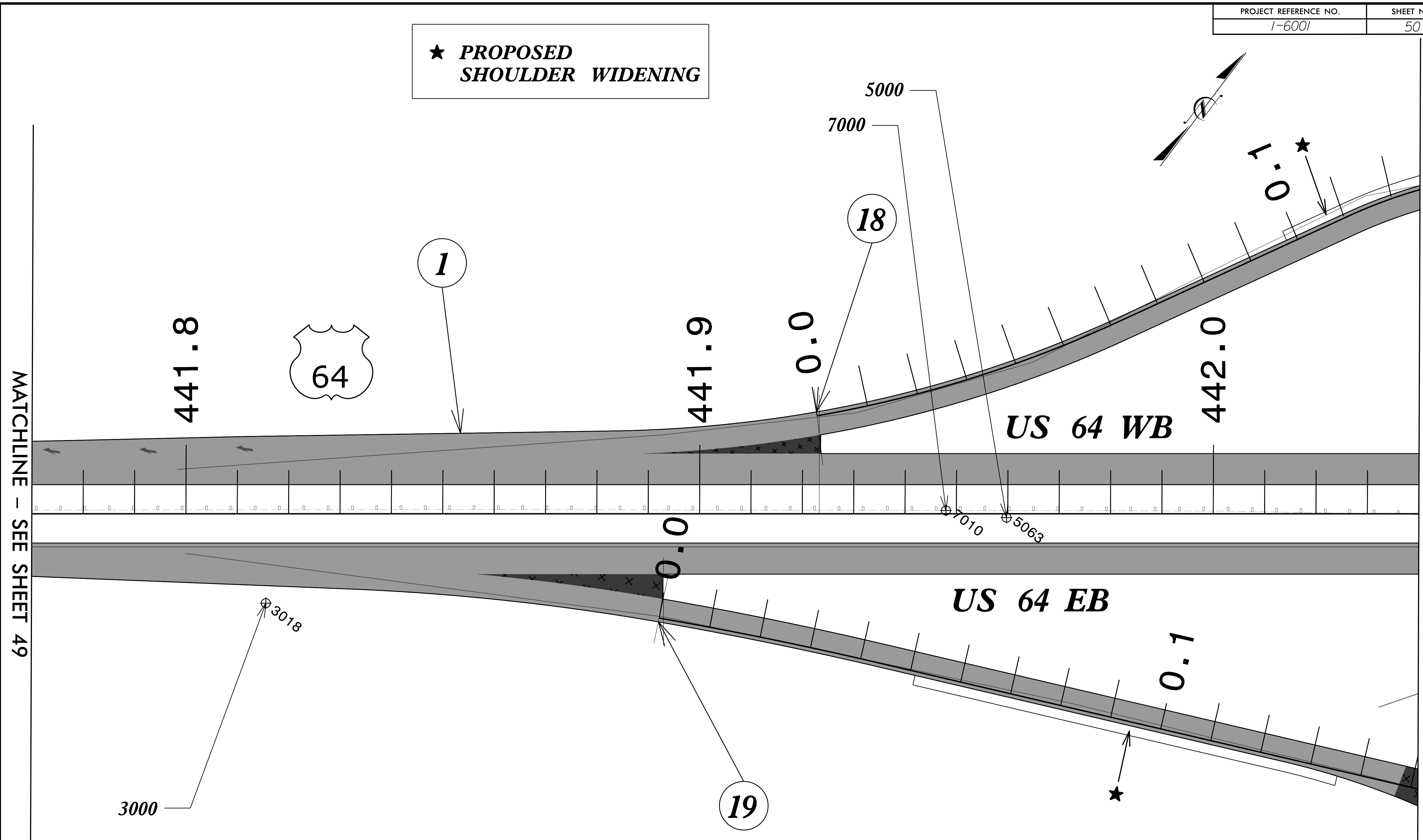
**INDEX**

- 1000 - CLEAR EXISTING SHOULDER BERM GUTTER (LF)
- 2000 - CONCRETE DITCH CLEAN OUT (LF)
- 3000 - DRAINAGE STRUCTURE CLEAN OUT (EA)
- 5000 - SHOULDER DRAIN CLEAN OUT (LF)
- 6000 - PATCHING EXISTING PAVEMENT (TONS)
- 7000 - DITCHING (LF)

**1. US 64 EB & WB**

**I-6001  
US 64 /264 RESURFACING**

★ **PROPOSED SHOULDER WIDENING**



REVISIONS

MATCHLINE - SEE SHEET 49

MATCHLINE - SEE SHEET 51

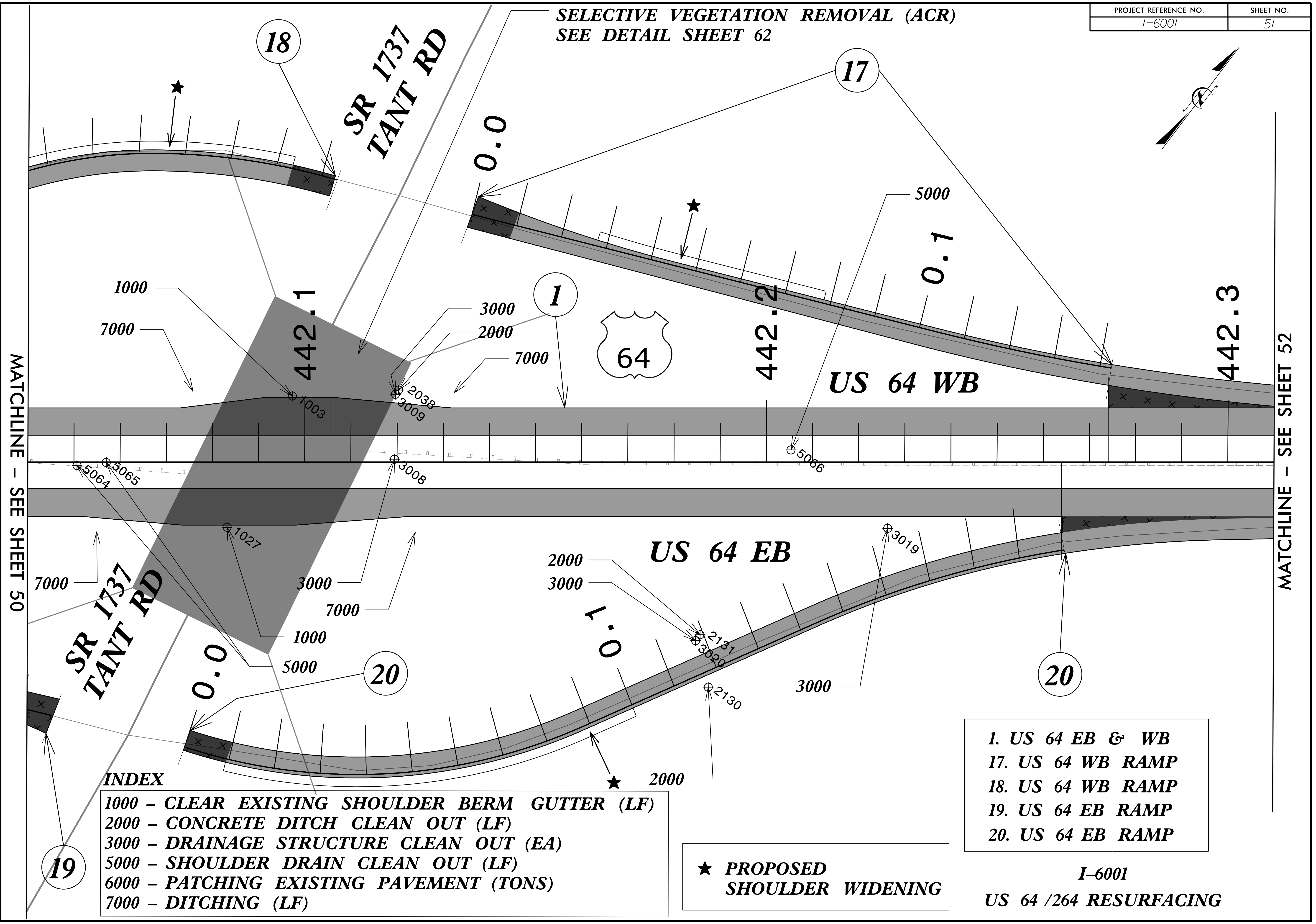
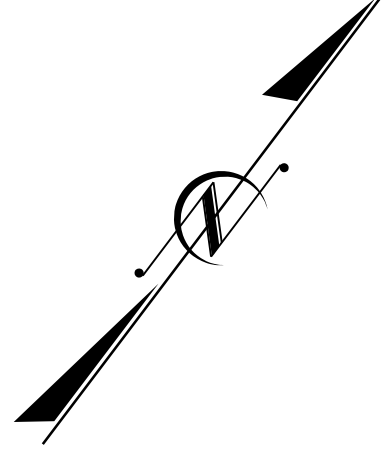
**INDEX**

- 1000 - CLEAR EXISTING SHOULDER BERM GUTTER (LF)
- 2000 - CONCRETE DITCH CLEAN OUT (LF)
- 3000 - DRAINAGE STRUCTURE CLEAN OUT (EA)
- 5000 - SHOULDER DRAIN CLEAN OUT (LF)
- 6000 - PATCHING EXISTING PAVEMENT (TONS)
- 7000 - DITCHING (LF)

- 1. US 64 EB & WB
- 18. US 64 WB RAMP
- 19. US 64 EB RAMP

I-6001  
US 64 /264 RESURFACING

**SELECTIVE VEGETATION REMOVAL (ACR)**  
SEE DETAIL SHEET 62



REVISIONS

MATCHLINE - SEE SHEET 50

MATCHLINE - SEE SHEET 52

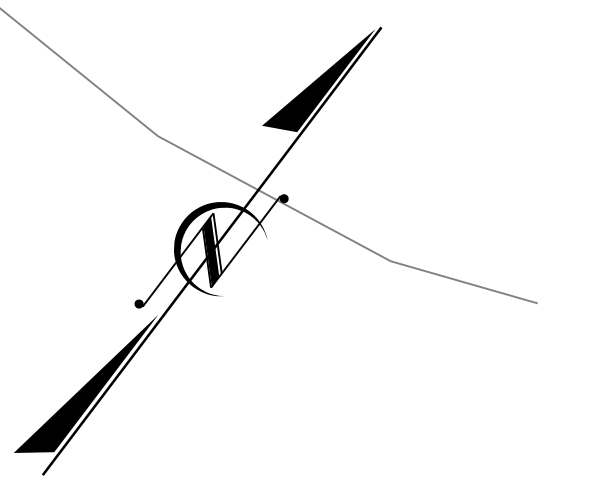
**INDEX**

- 1000 - CLEAR EXISTING SHOULDER BERM GUTTER (LF)
- 2000 - CONCRETE DITCH CLEAN OUT (LF)
- 3000 - DRAINAGE STRUCTURE CLEAN OUT (EA)
- 5000 - SHOULDER DRAIN CLEAN OUT (LF)
- 6000 - PATCHING EXISTING PAVEMENT (TONS)
- 7000 - DITCHING (LF)

★ PROPOSED SHOULDER WIDENING

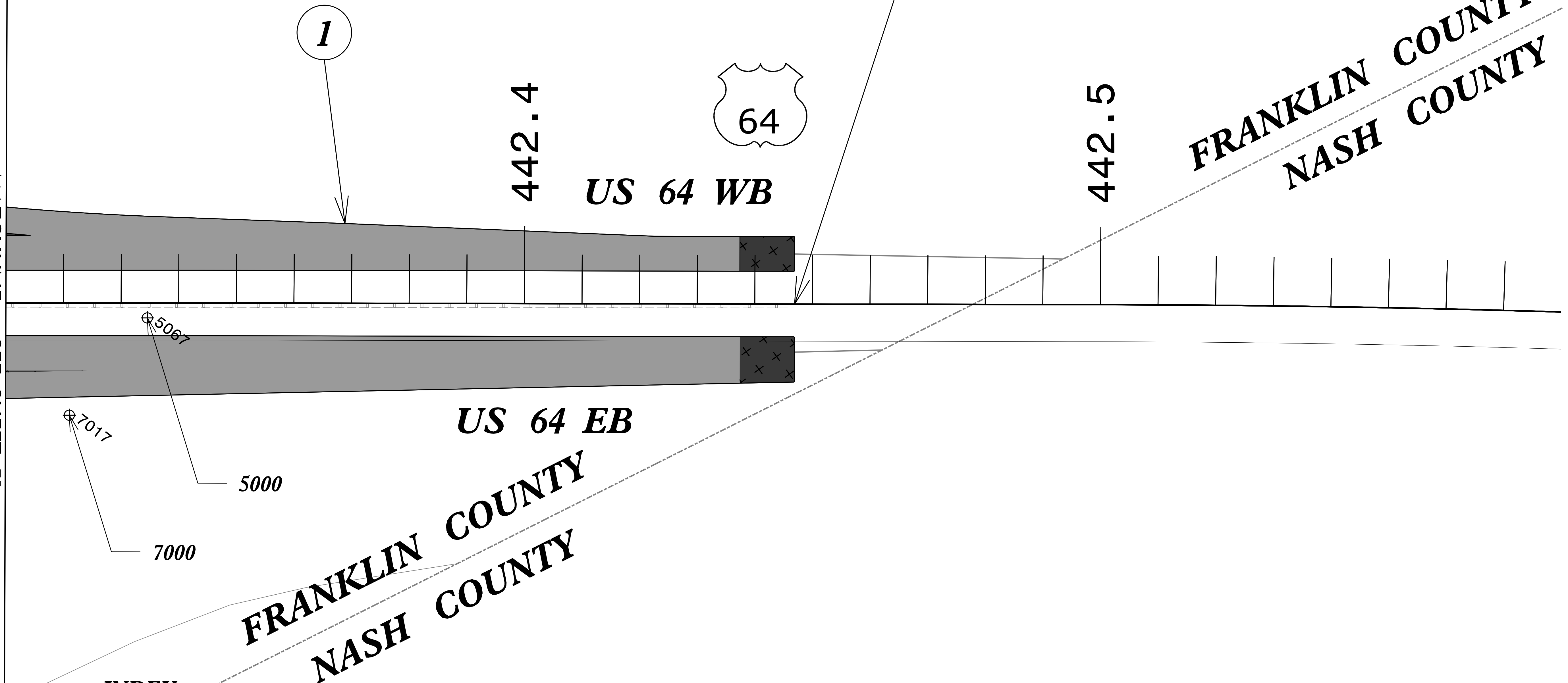
- 1. US 64 EB & WB
- 17. US 64 WB RAMP
- 18. US 64 WB RAMP
- 19. US 64 EB RAMP
- 20. US 64 EB RAMP

I-6001  
US 64 /264 RESURFACING



**END**  
**TIP PROJECT I-6001**  
**END RESURFACING**

REVISIONS  
MATCHLINE - SEE SHEET 51



- INDEX**
- 1000 - CLEAR EXISTING SHOULDER BERM GUTTER (LF)
  - 2000 - CONCRETE DITCH CLEAN OUT (LF)
  - 3000 - DRAINAGE STRUCTURE CLEAN OUT (EA)
  - 5000 - SHOULDER DRAIN CLEAN OUT (LF)
  - 6000 - PATCHING EXISTING PAVEMENT (TONS)
  - 7000 - DITCHING (LF)

**1. US 64 EB & WB**

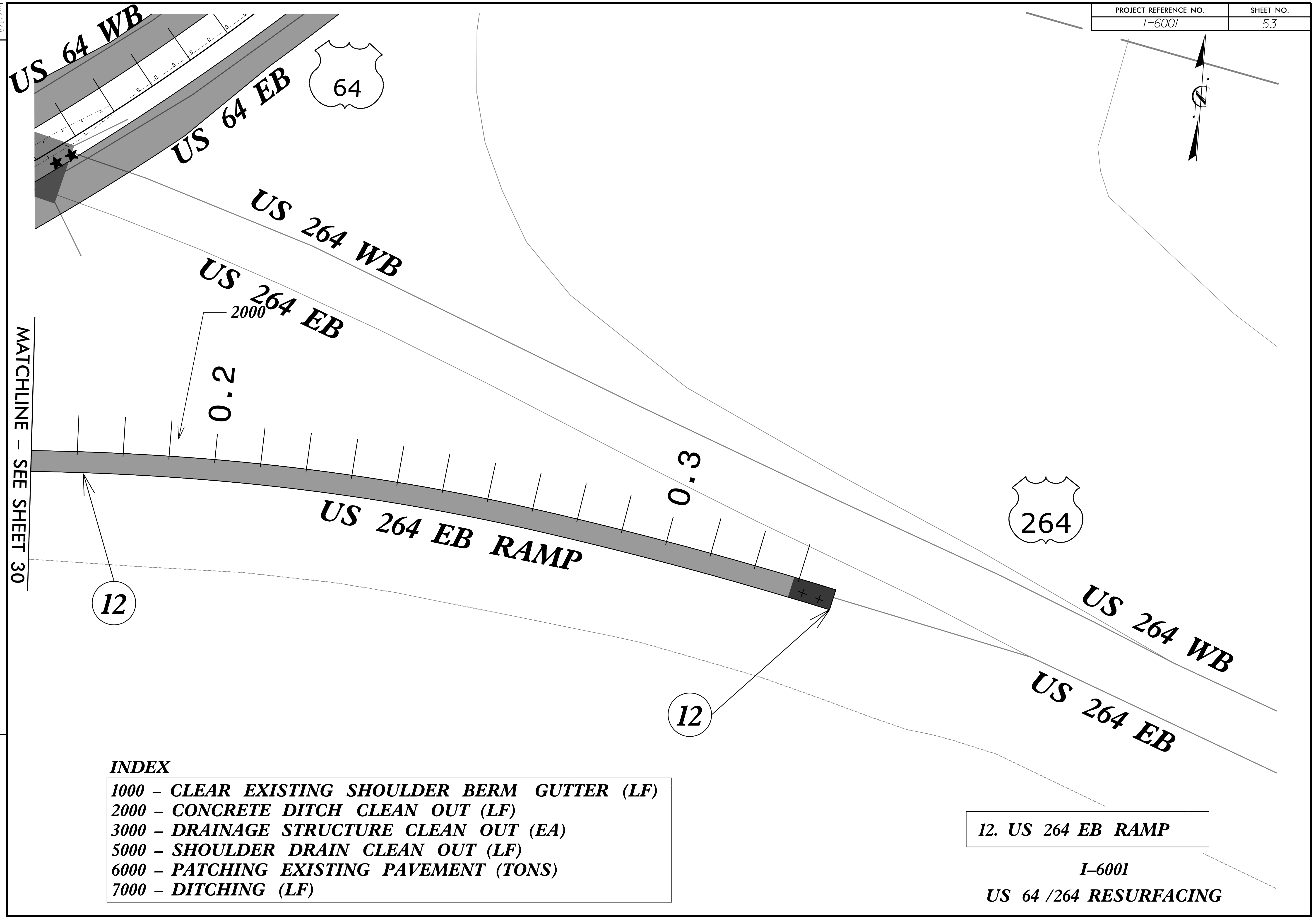
I-6001  
US 64 /264 RESURFACING



8/17/99

REVISIONS

MATCHLINE - SEE SHEET 30

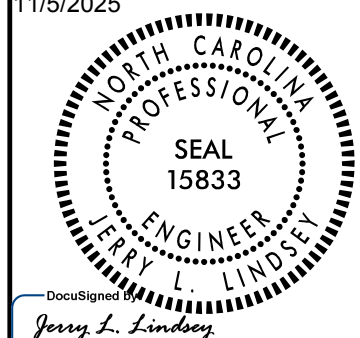


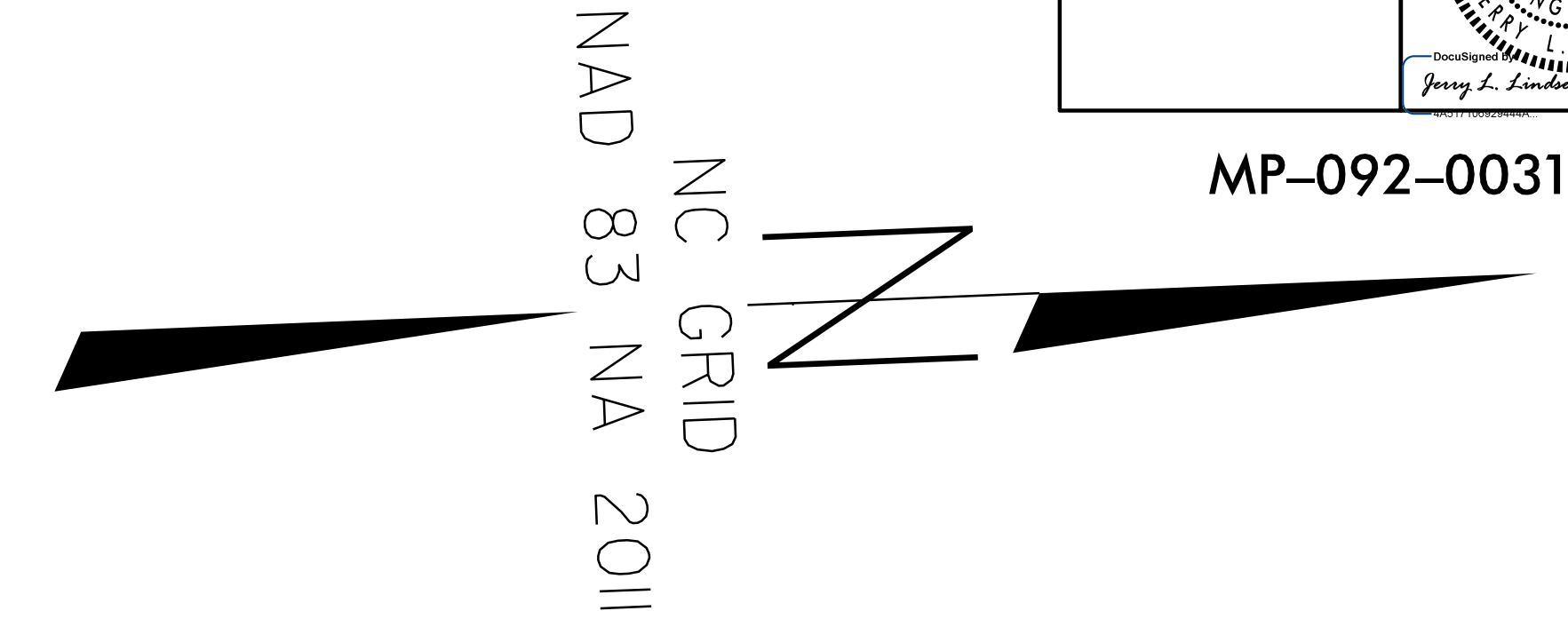
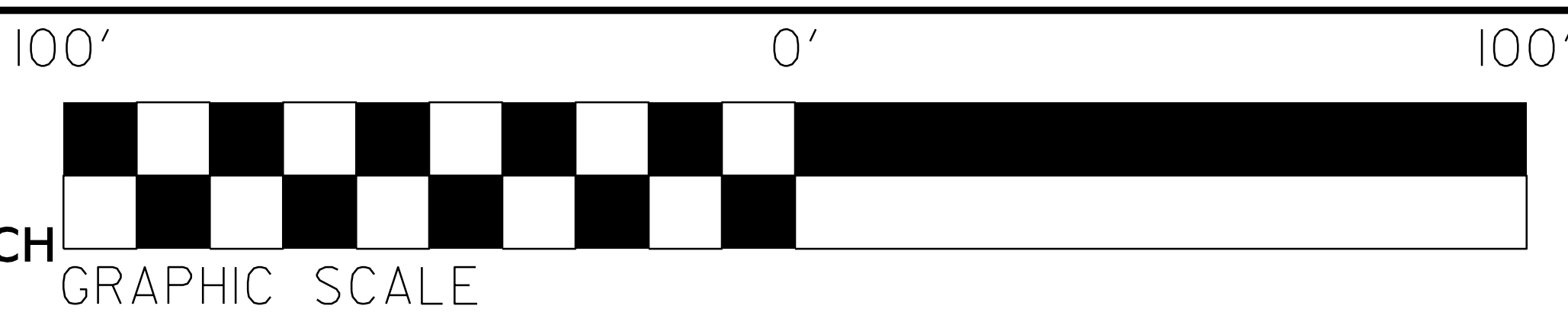
**INDEX**

- 1000 - CLEAR EXISTING SHOULDER BERM GUTTER (LF)
- 2000 - CONCRETE DITCH CLEAN OUT (LF)
- 3000 - DRAINAGE STRUCTURE CLEAN OUT (EA)
- 5000 - SHOULDER DRAIN CLEAN OUT (LF)
- 6000 - PATCHING EXISTING PAVEMENT (TONS)
- 7000 - DITCHING (LF)

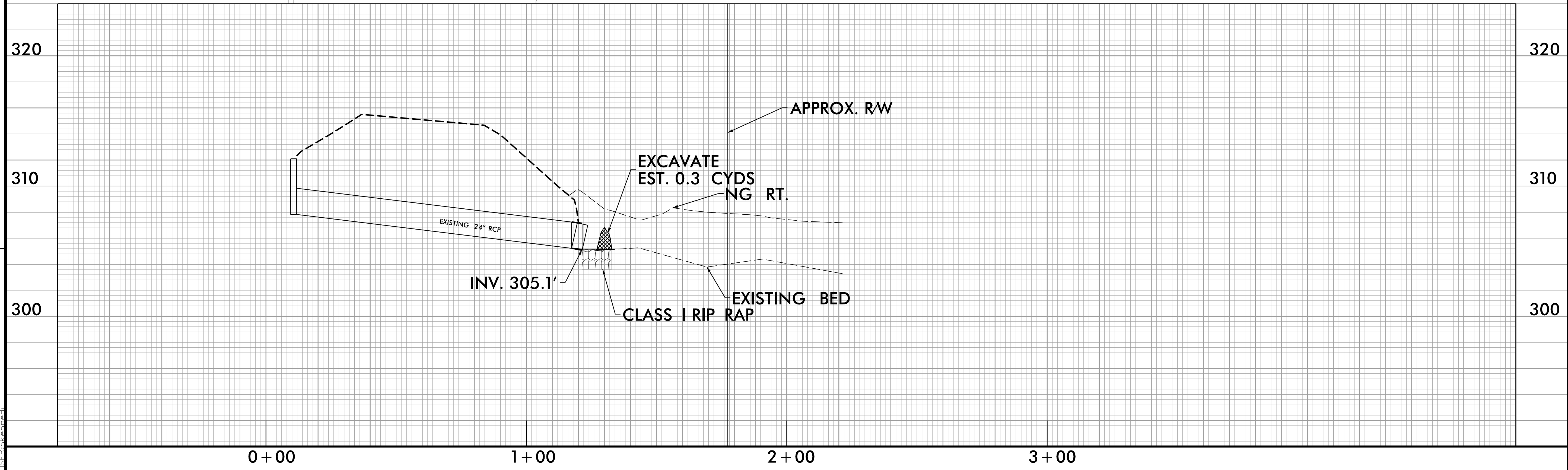
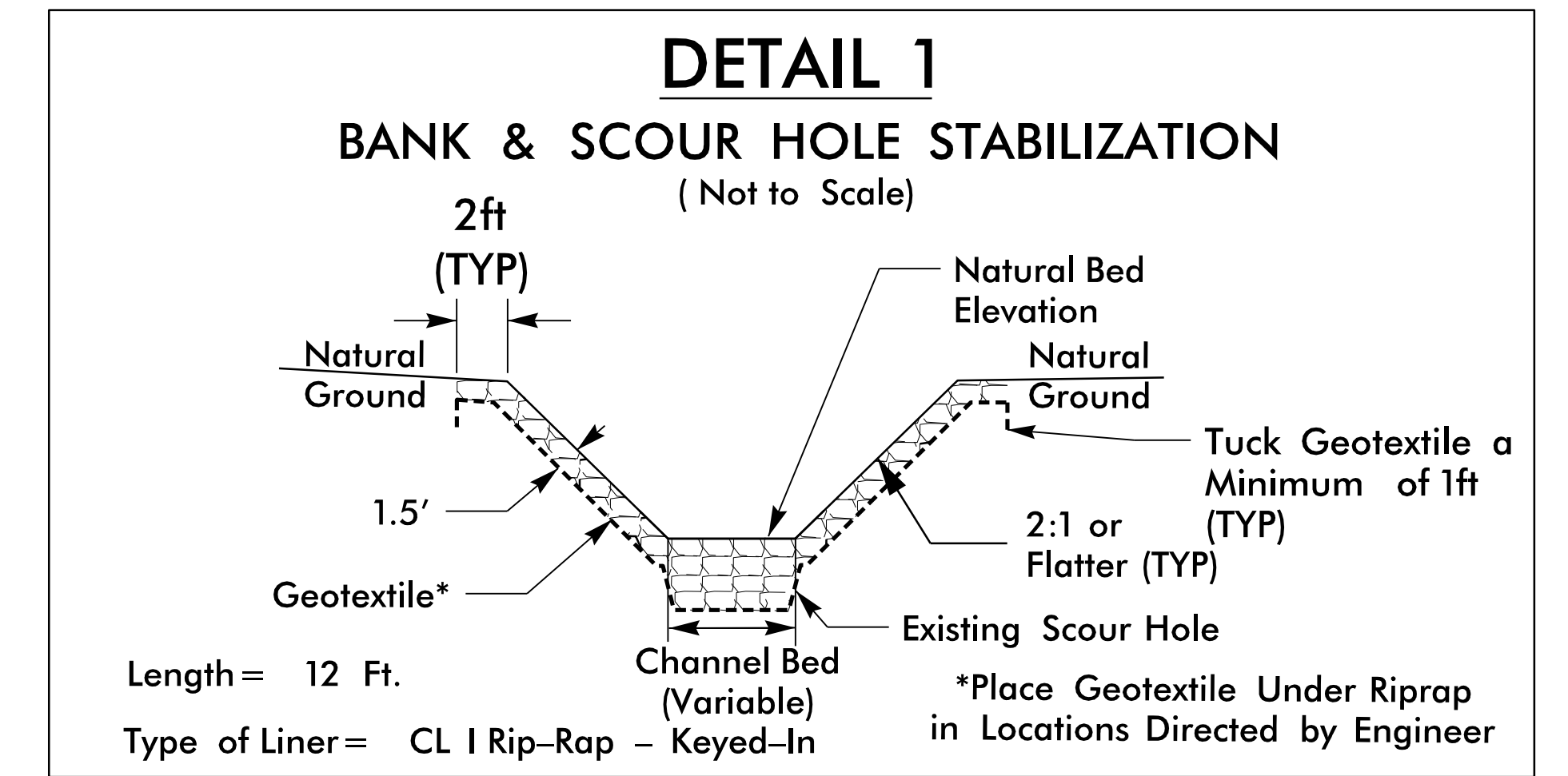
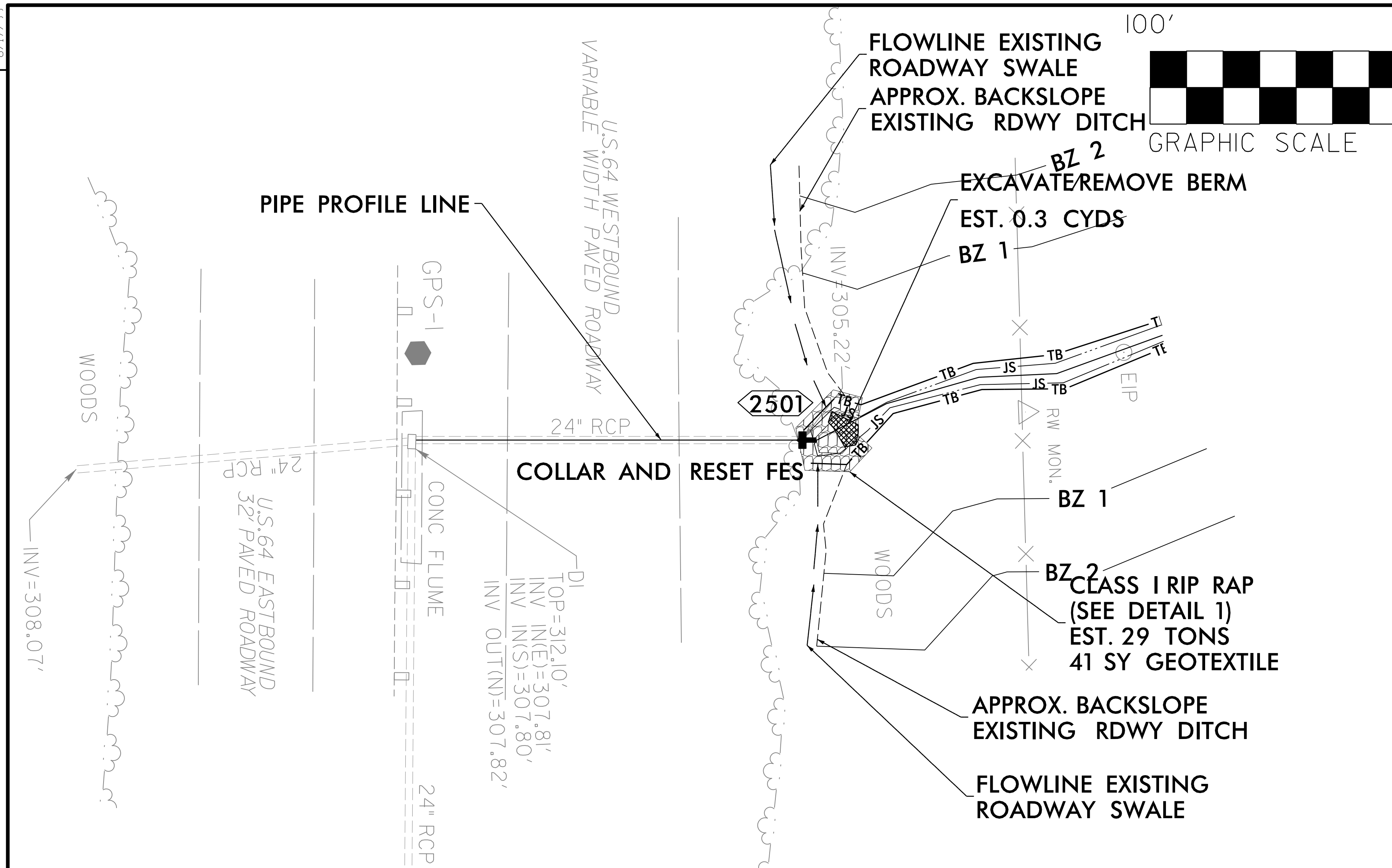
12. US 264 EB RAMP

I-6001  
US 64 /264 RESURFACING

PROJECT REFERENCE NO. 1-6001	SHEET NO. 54
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER 11/5/2025
	



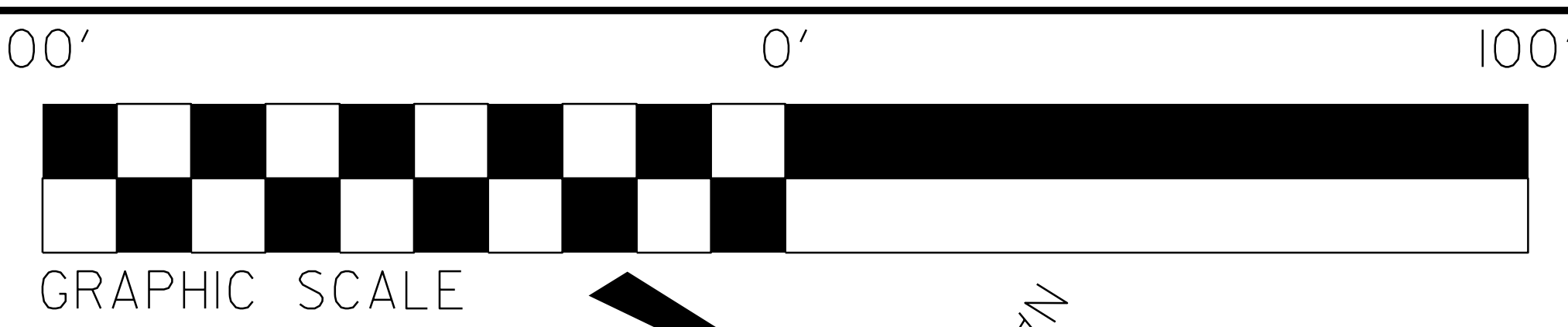
MP-092-00311



REVISIONS

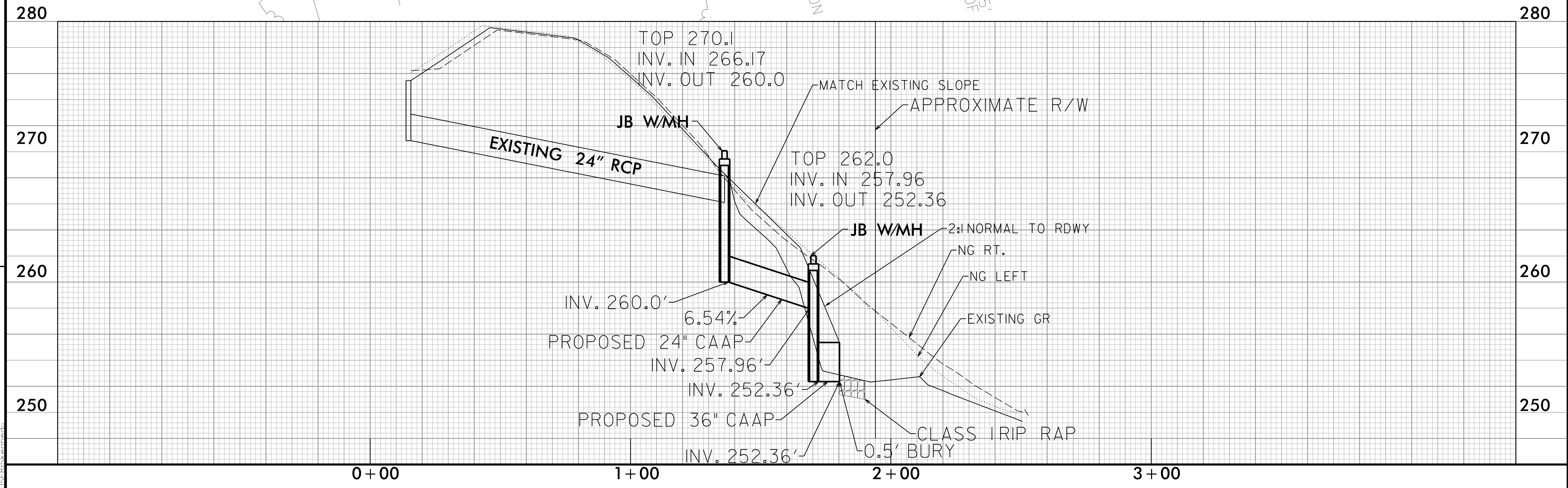
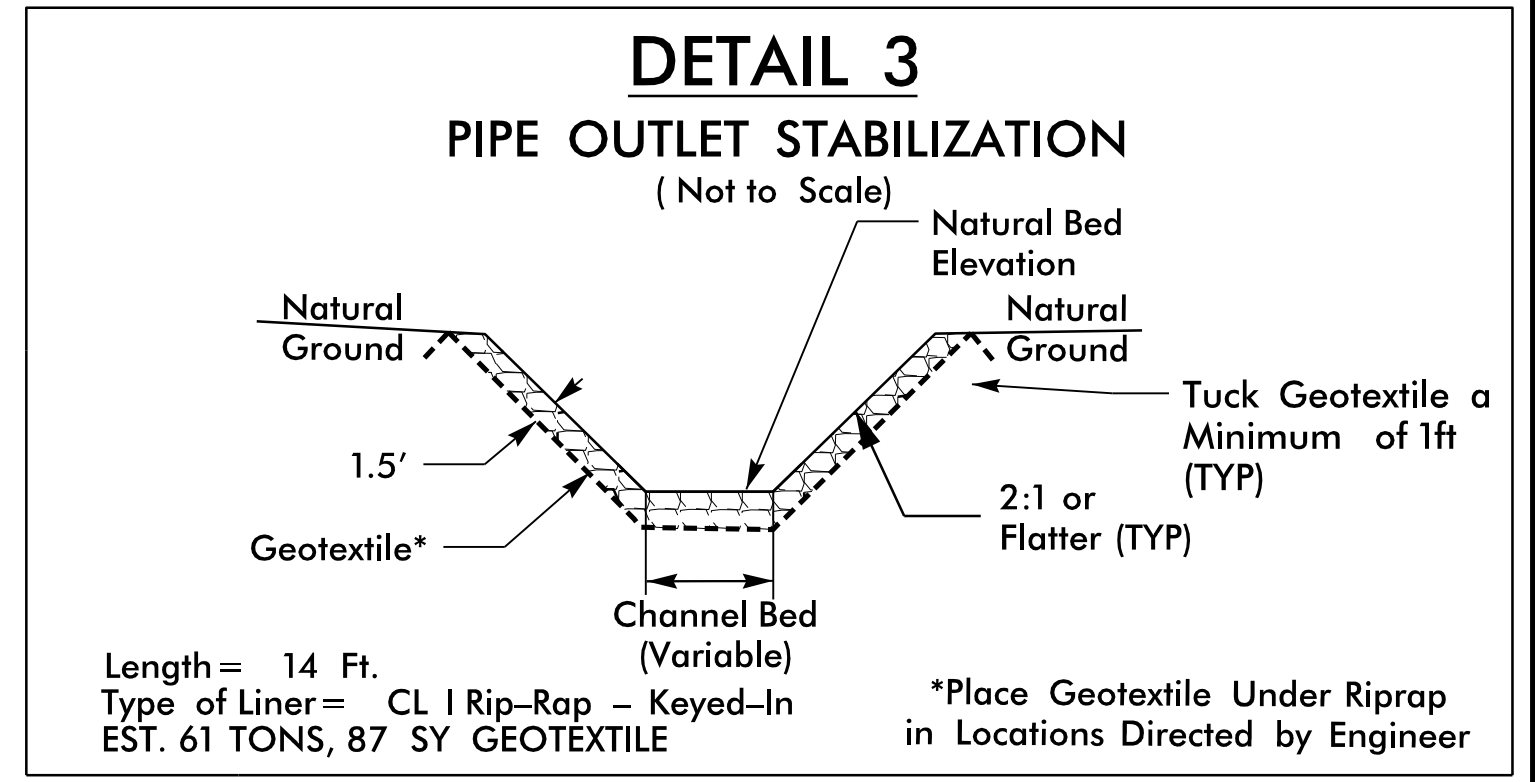
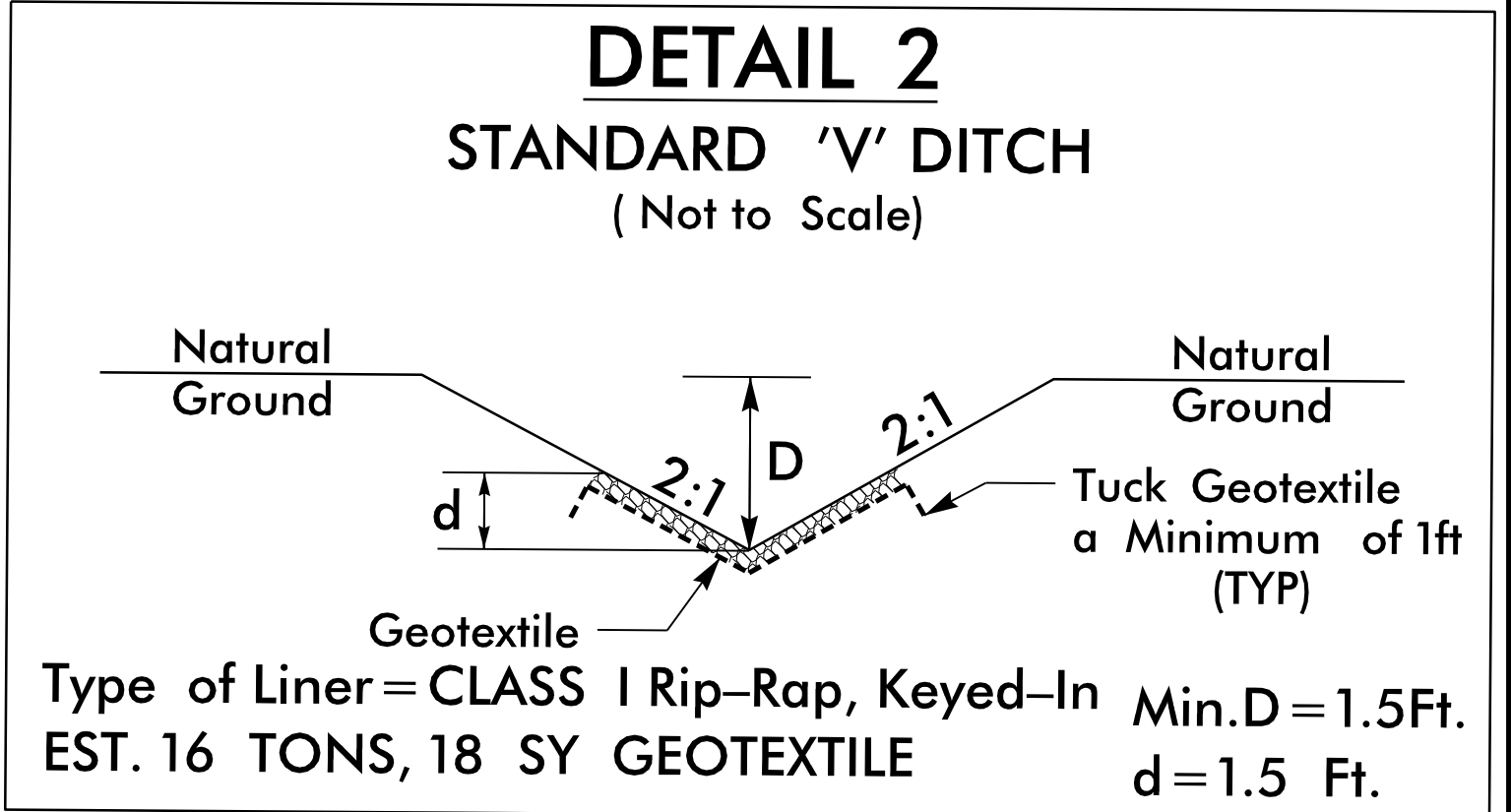
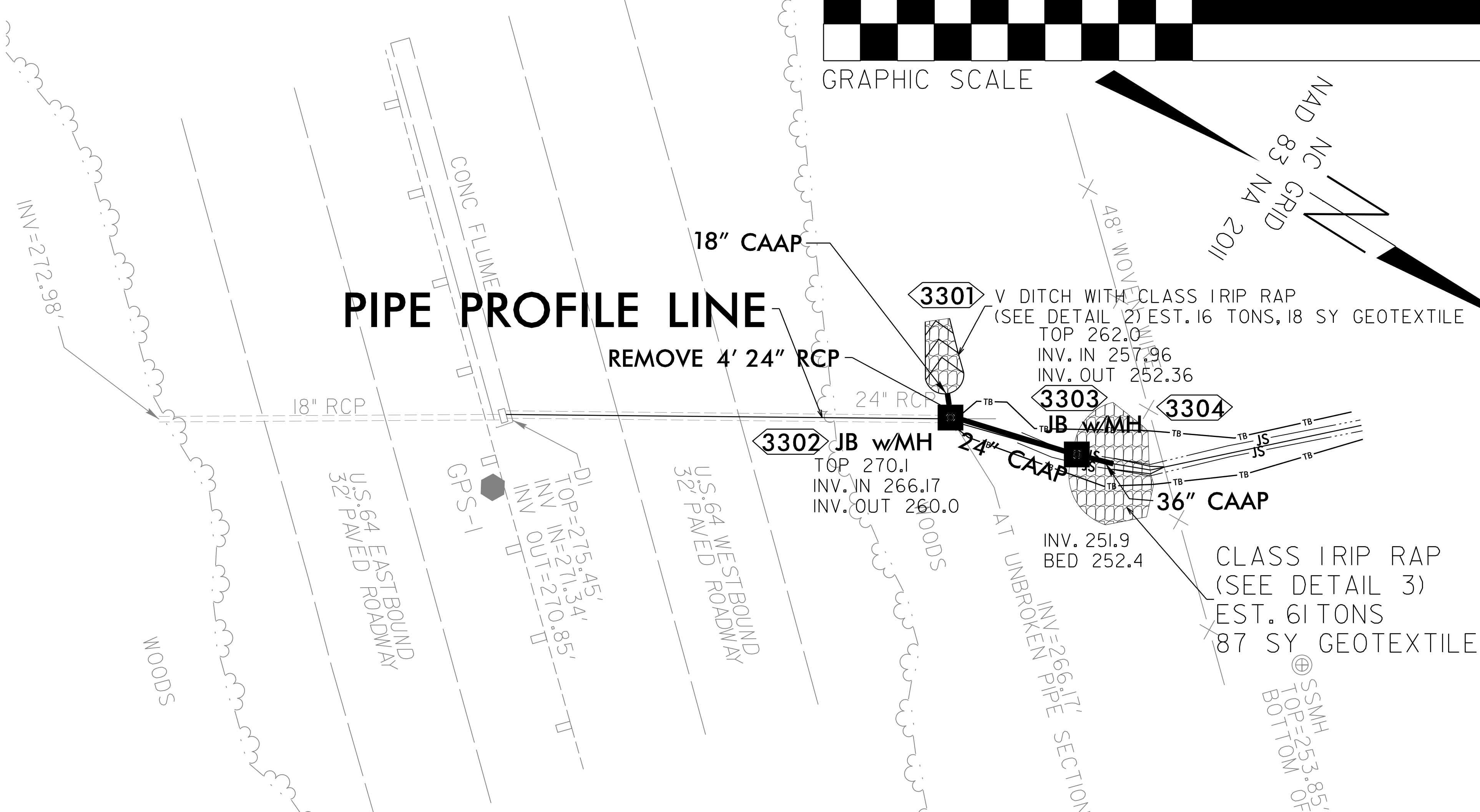
11/5/2025  
11/5/2025  
11/5/2025

8/17/99



MP-092-00305

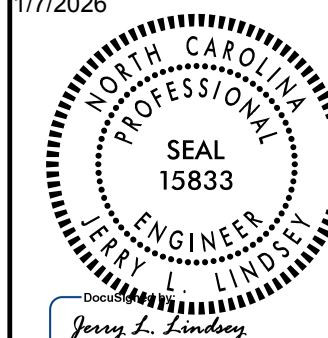
PROJECT REFERENCE NO. 1-6001	SHEET NO. 55
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
	11/5/2025



REVISIONS

11/5/2025  
MP-092-00305\_hyd\_drn\_PLAN\_SHEET.dgn  
TST:skenned



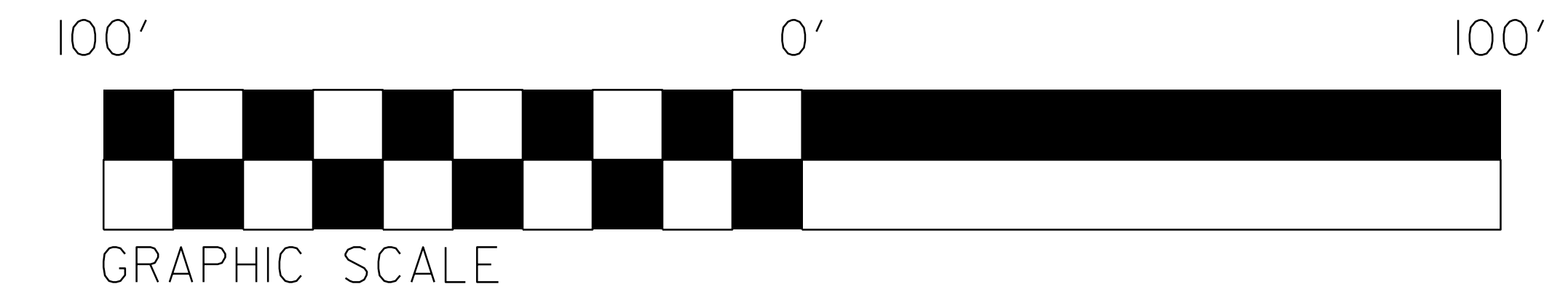
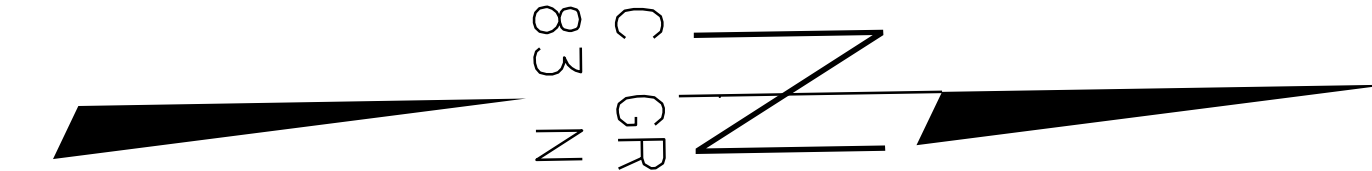
PROJECT REFERENCE NO. 1-6001	SHEET NO. 56
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
	1/7/2026
	

**RIP RAP ENERGY DISSIPATOR BASIN**

Note: Approximate quantities only. Unclassified Excavation, and Clearing and Grubbing will be paid for at the contract lump sum price for "Grading."

MP-092-00301

NAD 83 NA 2011

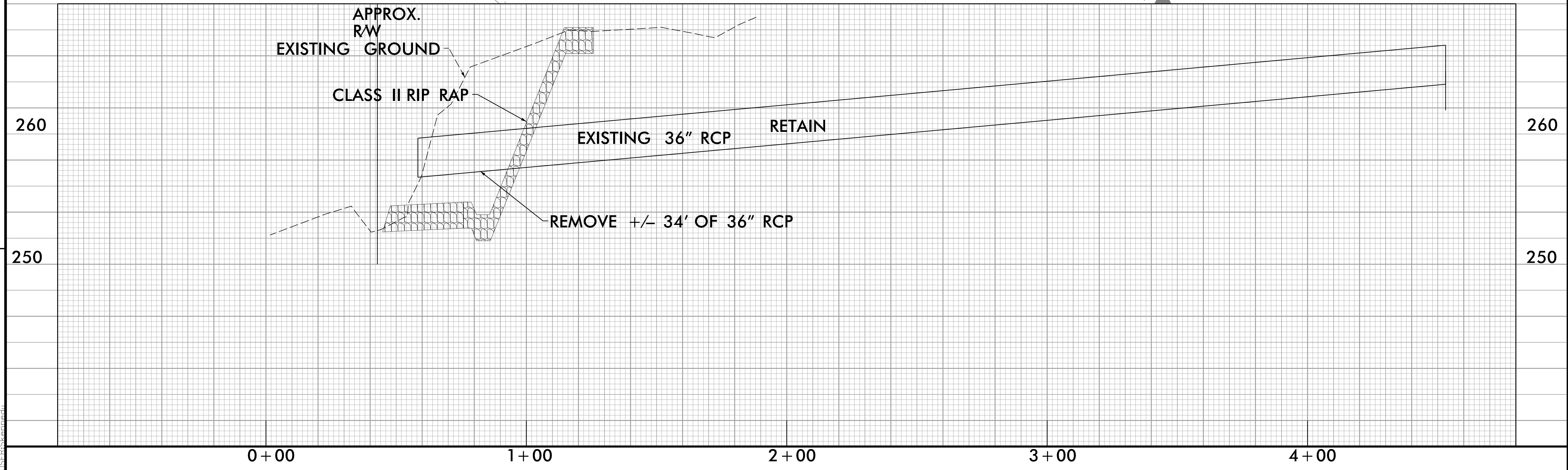


### PIPE PROFILE

**CLASS II RIP RAP**  
EST. 448 TONS  
483 SY GEOTEXTILE

REMOVE +/- 34' OF 36" RCP

**RIP RAP ENERGY DISSIPATOR BASIN (SEE  
DETAIL 1, SHEET 57) (CLASS II RIP RAP)**  
EST.30 TONS, 31 SY GEOTEXTILE



**RETAIN**  
48" WOVEN WIRE

**RETAIN**

JS JS

REVISIONS

1/7/2026  
 MP-092-00301-Hyd.ND RIGHT OF WAY PLAN SHEET.dgn  
 JLS:skk/ncd

**WETHERILL ENGINEERING**  
 1223 Jones Franklin Rd.  
 Raleigh, N.C. 27606  
 License No. F-0377  
 Bus: 919 851 8077  
 Fax: 919 851 8107

TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN  
 CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION

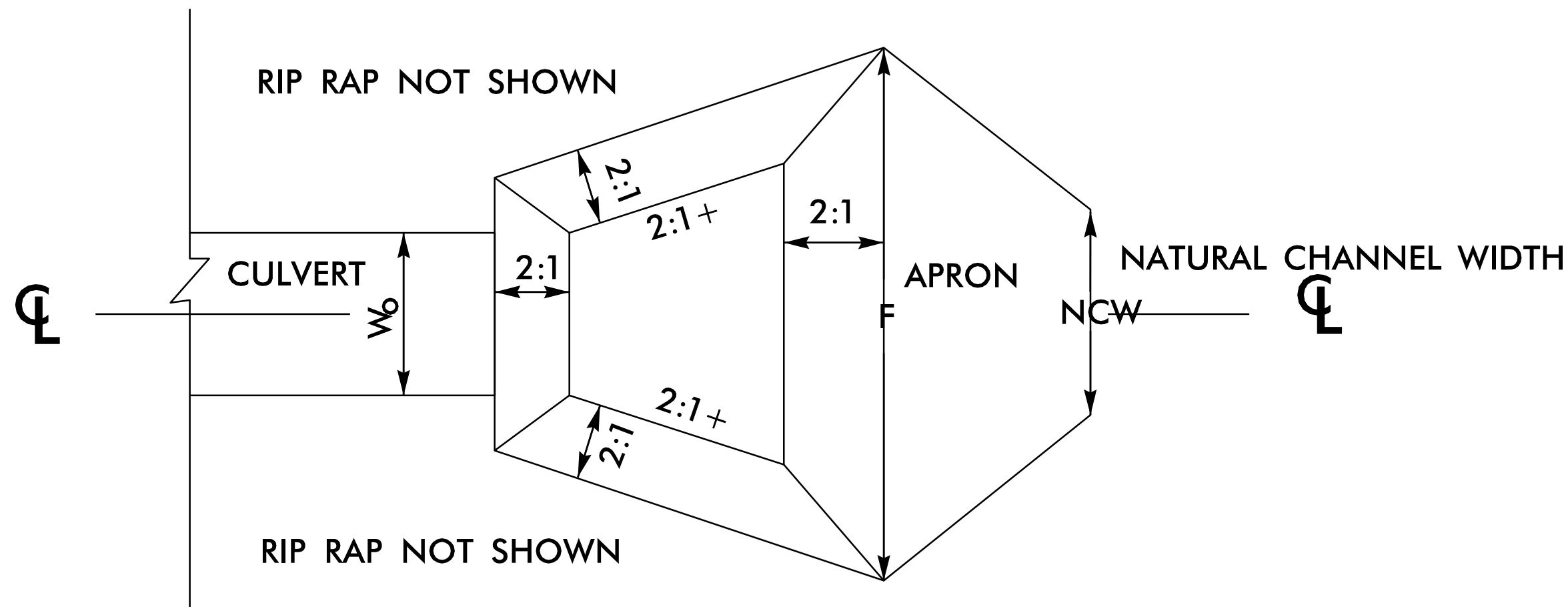
**DOCUMENT NOT CONSIDERED FINAL  
 UNLESS ALL SIGNATURES COMPLETED**

PROJECT REFERENCE NO. <i>1-6001</i>	SHEET NO. <i>57</i>
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER 11/5/2025 NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 15833 JERRY L. LINDSEY

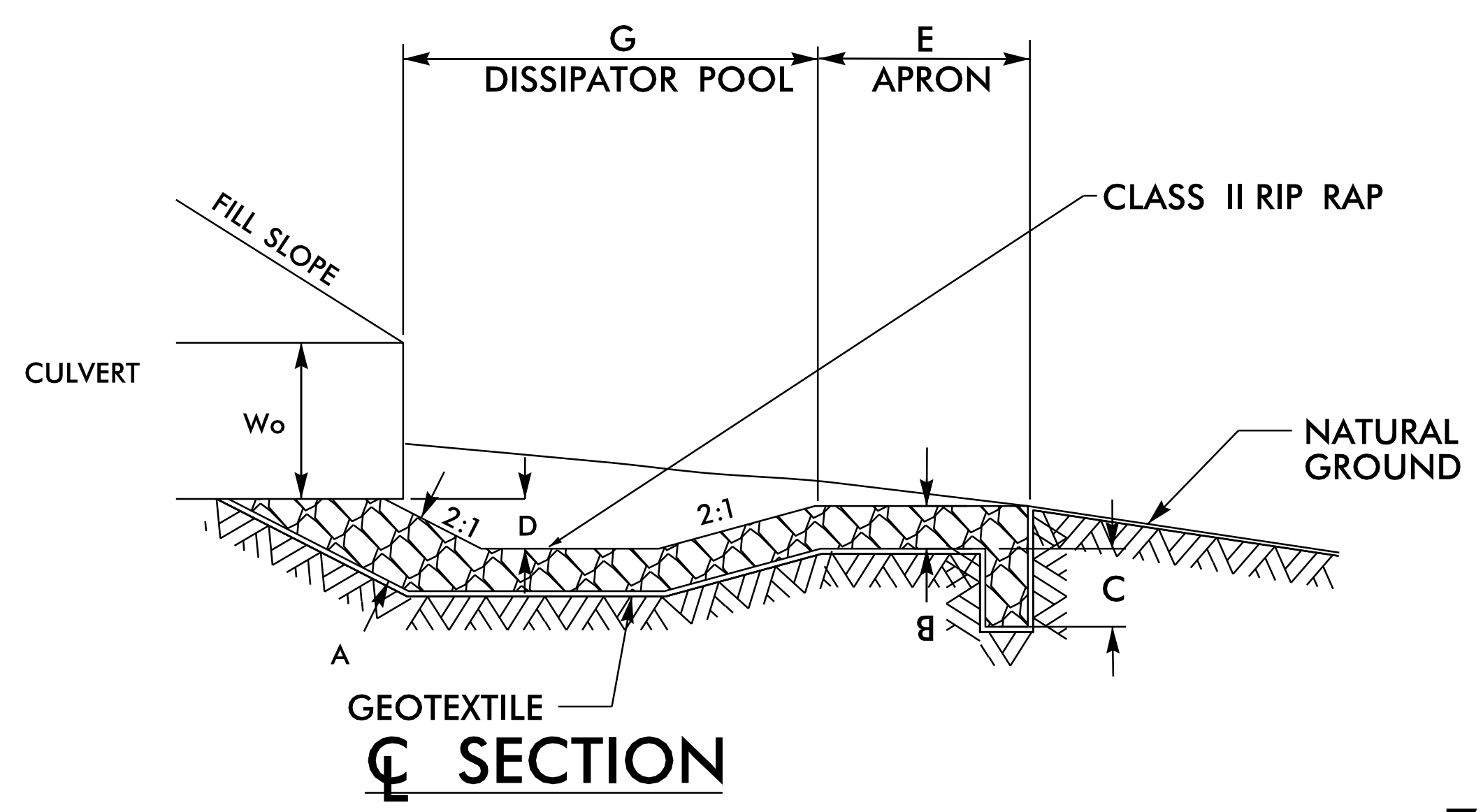
# DETAIL 1 RIP-RAPPED ENERGY DISSIPATOR BASIN (CLASS II RIP RAP)

DIM. (ft)	RIP RAP BASIN		
	1	na	na
A	3'	na	na
B	2'	na	na
C	1' MIN.	na	na
D	1' MIN.	na	na
E	3'	na	na
F	11'	na	na
G	9'	na	na

ALL DIMENSIONS APPROXIMATE



**PLAN**



**SECTION**

NOT TO SCALE

REVISIONS

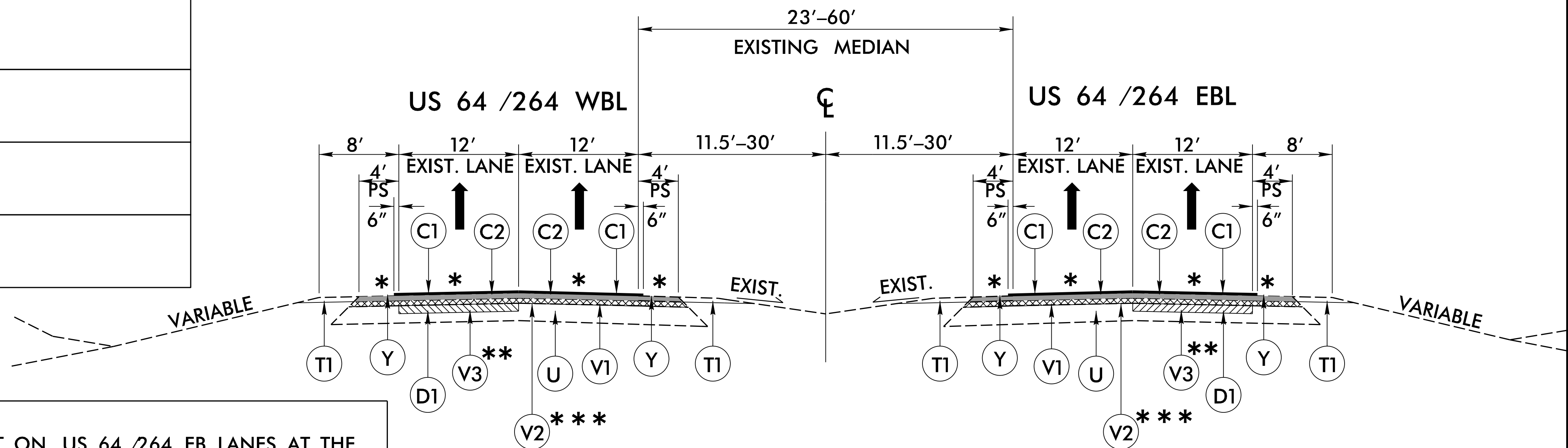
11/5/2025 11:58:32 AM MP-092-00301-hyd.NO RIGHT OF WAY-DETAIL PLAN SHEET.dgn

# PAVEMENT SCHEDULE

C1	5/8" ULTRA-THIN BONDED WEARING COURSE AT A RATE OF 70 LBS. PER SQ. YD.
C2	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5D, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
D1	PROP. APPROX. 2 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
E1	PROP. APPROX. 5" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 570 LBS. PER SQ. YD.
T1	SHOULDER RECONSTRUCTION
T2	EARTH MATERIAL
V1	MILL 1.5" OF EXISTING ASPHALT PAVEMENT
V2	MILL 2.25" OF EXISTING ASPHALT PAVEMENT
V3	MILL 2.5" OF EXISTING ASPHALT PAVEMENT
U	EXISTING PAVEMENT
Y	MILLED RUMBLE STRIPS

NOTE: PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE.

- \* MATCH EXISTING CROSS SLOPES
- \*\* CONTRACTOR SHALL MILL LOCATIONS AS DIRECTED BY THE ENGINEER.
- \* MATCH EXISTING CROSS SLOPES
- \*\* CONTRACTOR SHALL MILL LOCATIONS AS DIRECTED BY THE ENGINEER.



TYPICAL SECTION NO. 1

\*\*\* NOTE:

OPEN GRADED FRICTION COURSE IS PRESENT ON US 64 /264 EB LANES AT THE FOLLOWING LOCATIONS:

- FROM MP 429.268 TO BRIDGE NO. 182 (0.86 MILE)
- FROM BRIDGE NO. 182 TO MP 430.318 (0.16 MILE)
- FROM MP 432.069 TO BRIDGE NO. 198 (1.48 MILES)
- FROM MP 435.229 TO MP 436.901 (1.67 MILES)
- FROM BRIDGE NO. 217 TO MP 439.656 (0.82 MILE)
- FROM MP 440.306 TO MP 440.406 (0.10 MILE)
- FROM MP 440.865 TO MP 441.759 (0.89 MILE)

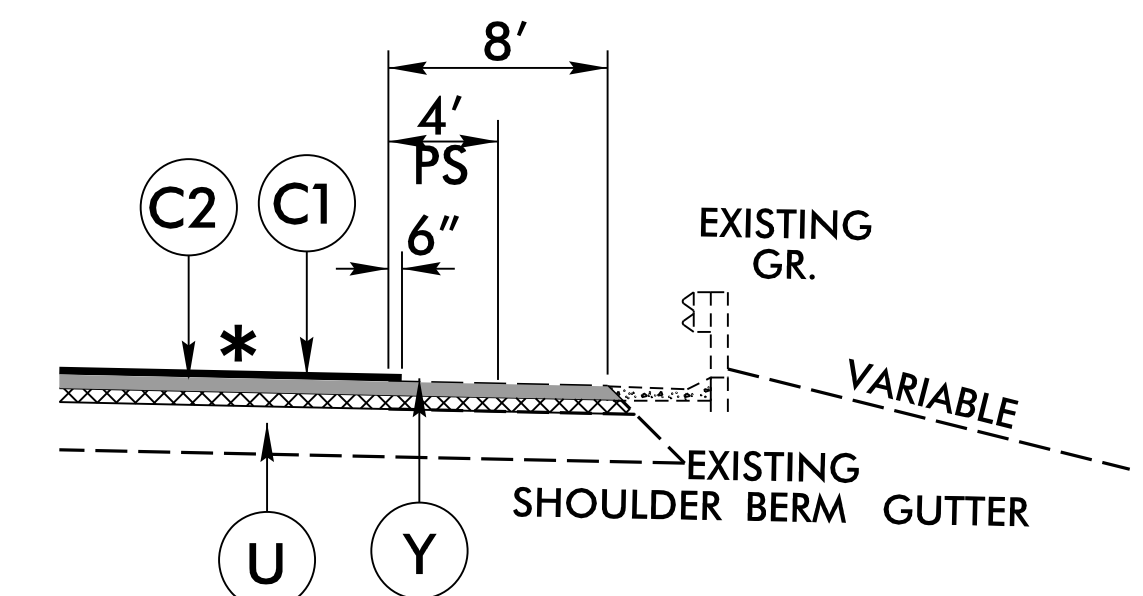
OPEN GRADED FRICTION COURSE IS PRESENT ON US 64 /264 WB LANES AT THE FOLLOWING LOCATIONS:

- FROM BRIDGE NO. 990 TO BRIDGE NO. 184 (1.06 MILES)
- FROM BRIDGE NO. 184 TO MP 430.318 (0.16 MILE)
- FROM MP 433.870 TO MP 436.720 (2.85 MILES)

MILL MINIMUM 2 1/4" DEEP.

USE TYPICAL SECTION NO. 1

- MAP 1 US 64 /264 EBL
- MAP 1 US 64 /264 WBL



USE IN CONJUNCTION WITH TYPICAL SECTION NO. 1

- MAP 1
- MAP 1 US 64 /264 EBL
- SHOULDER BERM GUTTER SECTION - 1231' +/-

REVISIONS

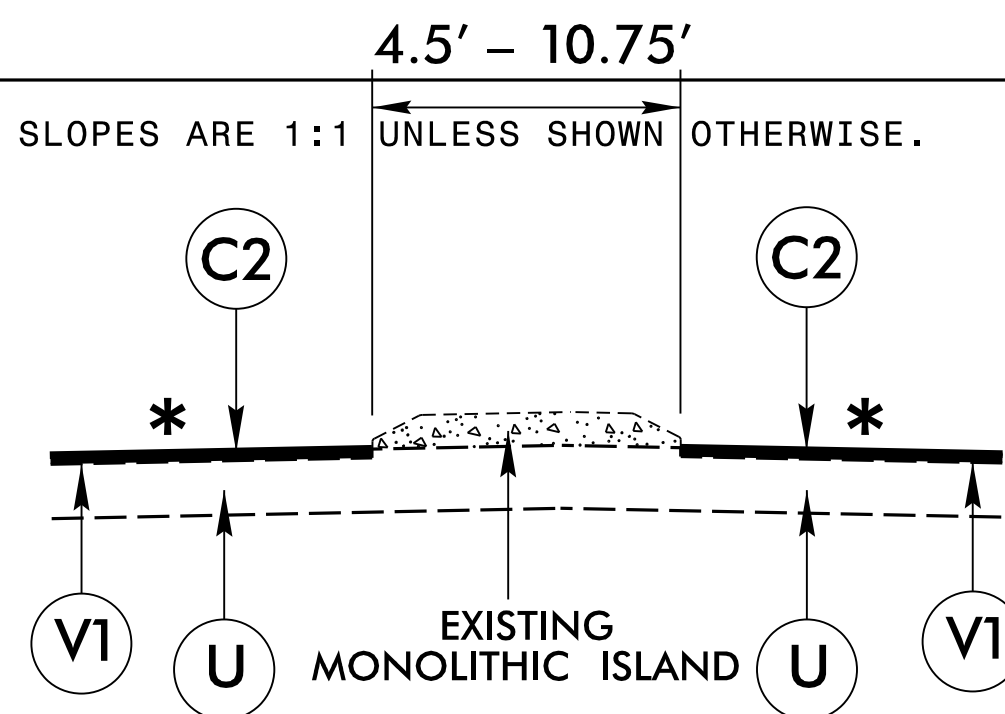
8/17/99

12/2/2005 Rdu\_psh58\_Typ.dgn

# PAVEMENT SCHEDULE

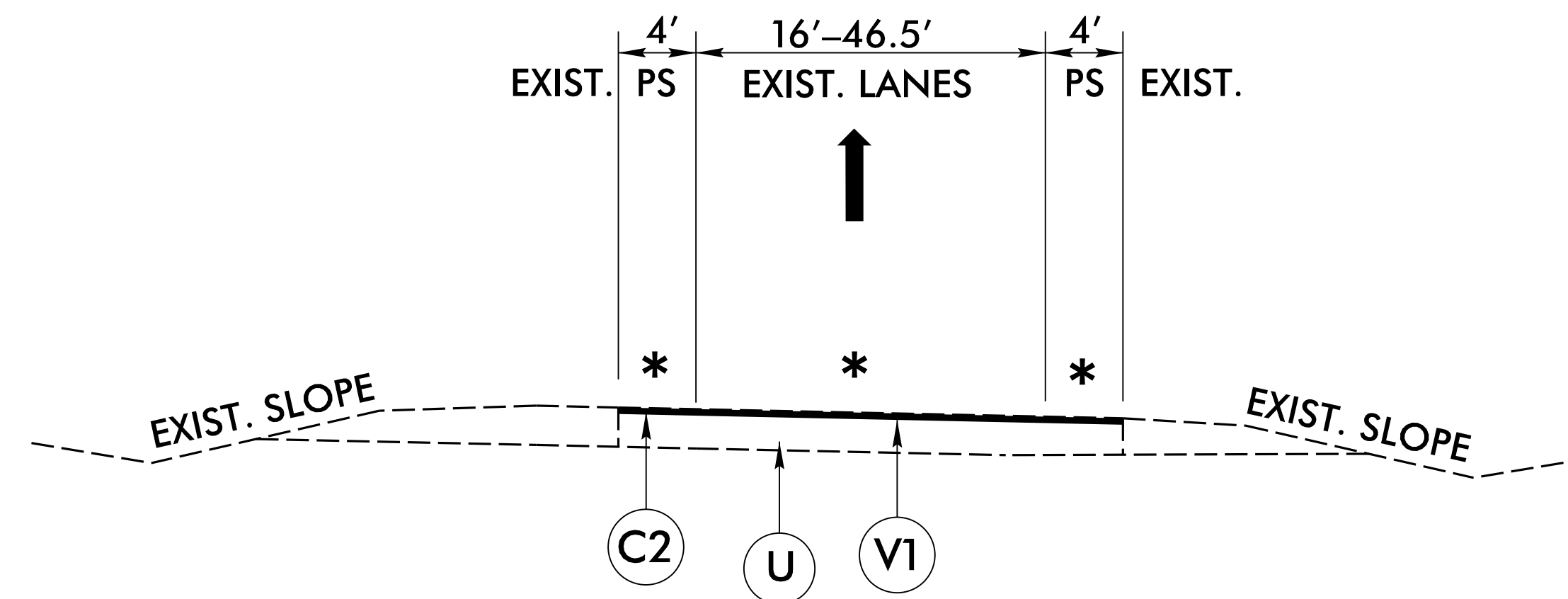
C1	5/8" ULTRA-THIN BONDED WEARING COURSE AT A RATE OF 70 LBS. PER SQ. YD.
C2	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5D, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
D1	PROP. APPROX. 2 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
E1	PROP. APPROX. 5" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 570 LBS. PER SQ. YD.
T1	SHOULDER RECONSTRUCTION
T2	EARTH MATERIAL
V1	MILL 1.5" OF EXISTING ASPHALT PAVEMENT
V2	MILL 2.25" OF EXISTING ASPHALT PAVEMENT
V3	MILL 2.5" OF EXISTING ASPHALT PAVEMENT
U	EXISTING PAVEMENT
Y	MILLED RUMBLE STRIPS

NOTE: PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE.



USE IN CONJUNCTION WITH TYPICAL SECTION NO. 2

MAP 9 US 64/US 264 WB RAMP  
EXISTING CURB & GUTTER SECTION - 155' +/-



\* MATCH EXISTING CROSS SLOPES

TYPICAL SECTION NO. 2

USE TYPICAL SECTION NO. 2

MAP 2	US 64/US 264 WB RAMP
MAP 3	US 64/US 264 EB RAMP
MAP 4	US 64/US 264 EB RAMP
MAP 5	US 64/US 264 EB RAMP
MAP 6	US 64/US 264 WB RAMP
MAP 7	US 64/US 264 WB RAMP
MAP 9	US 64/US 264 WB RAMP
MAP 10	US 64/US 264 EB RAMP
MAP 11	US 64/US 264 EB RAMP
MAP 12	US 264 EB RAMP
MAP 13	US 64 WB RAMP
MAP 14	US 64 WB RAMP
MAP 15	US 64 EB RAMP
MAP 16	US 64 EB RAMP
MAP 17	US 64 WB RAMP
MAP 18	US 64 WB RAMP
MAP 19	US 64 EB RAMP
MAP 20	US 64 EB RAMP
MAP 21	US 64 /264 WB RAMP
MAP 23	US 64 /264 EB RAMP

8/17/99

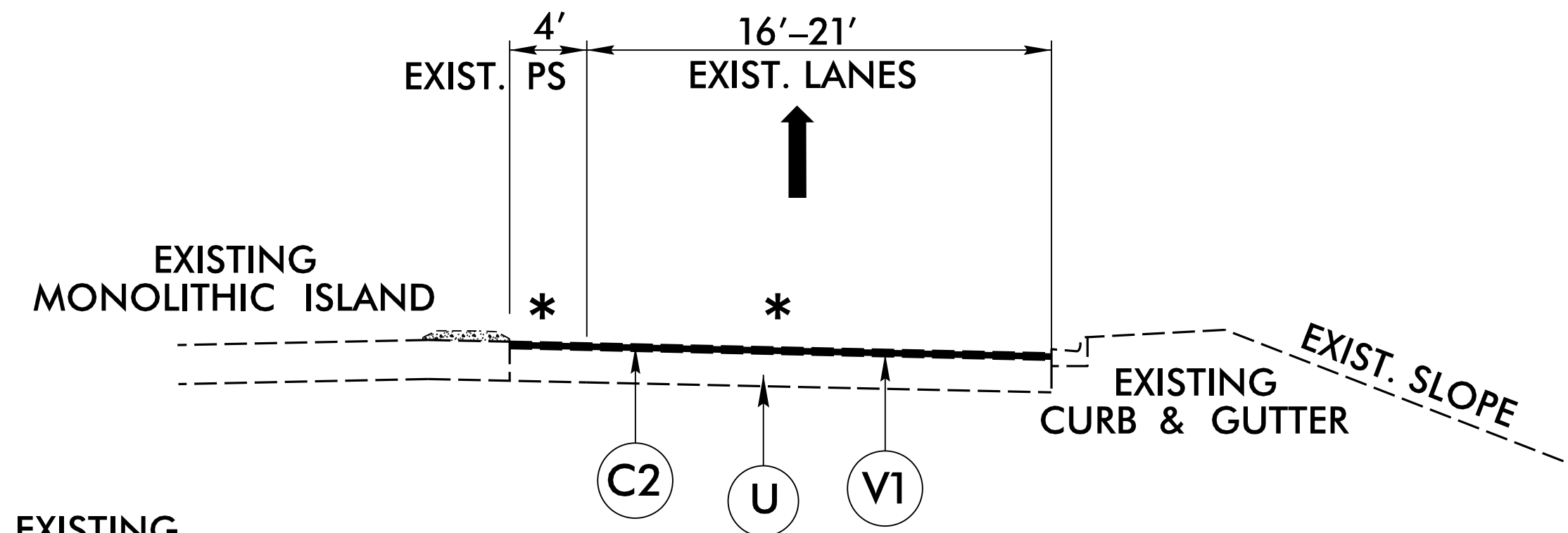
REVISIONS

12/2/2005 Rdu\_psh59\_Typ.dgn  
11/13/2004 Rdu\_psh59\_Typ.dgn

# PAVEMENT SCHEDULE

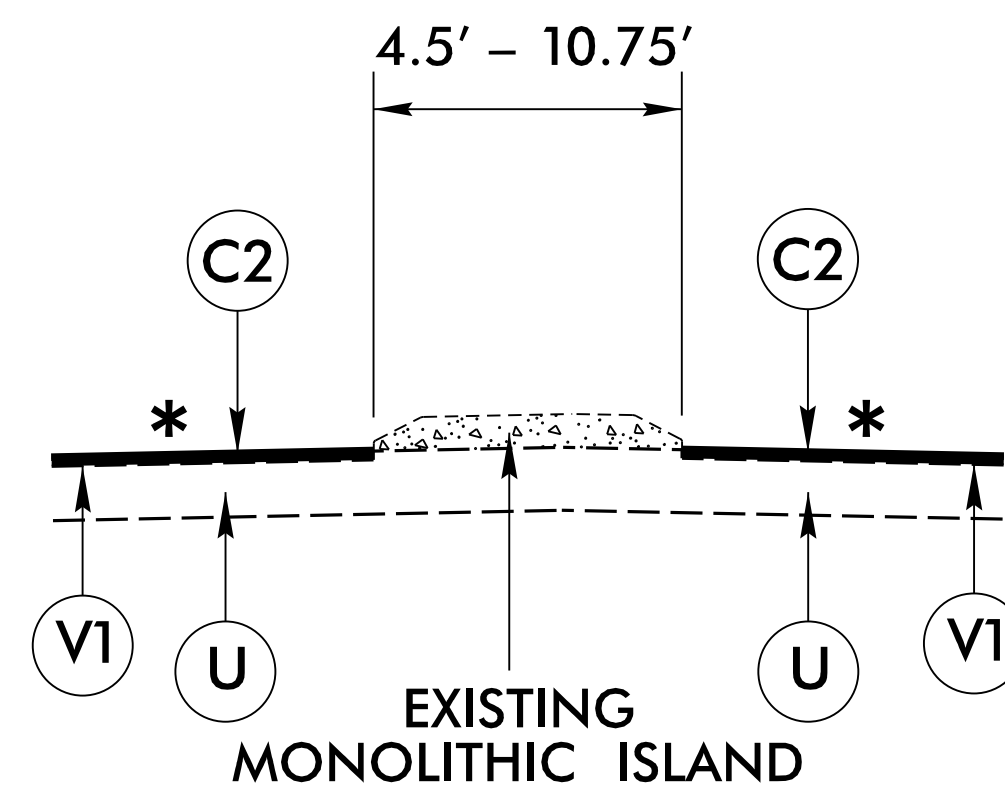
C1	5/8" ULTRA-THIN BONDED WEARING COURSE AT A RATE OF 70 LBS. PER SQ. YD.
C2	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5D, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
D1	PROP. APPROX. 2 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
E1	PROP. APPROX. 5" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 570 LBS. PER SQ. YD.
T1	SHOULDER RECONSTRUCTION
T2	EARTH MATERIAL
V1	MILL 1.5" OF EXISTING ASPHALT PAVEMENT
V2	MILL 2.25" OF EXISTING ASPHALT PAVEMENT
V3	MILL 2.5" OF EXISTING ASPHALT PAVEMENT
U	EXISTING PAVEMENT
Y	MILLED RUMBLE STRIPS

NOTE: PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE.



\* MATCH EXISTING CROSS SLOPES

**TYPICAL SECTION NO. 3**



USE IN CONJUNCTION WITH TYPICAL SECTION NO. 3

MAP 8 US 64/US 264 WB LOOP  
EXISTING CURB & GUTTER SECTION - 155' +/-

USE TYPICAL SECTION NO. 3

MAP 8 US 64/US 264 WB LOOP  
MAP 22 BUS 264 WB LOOP

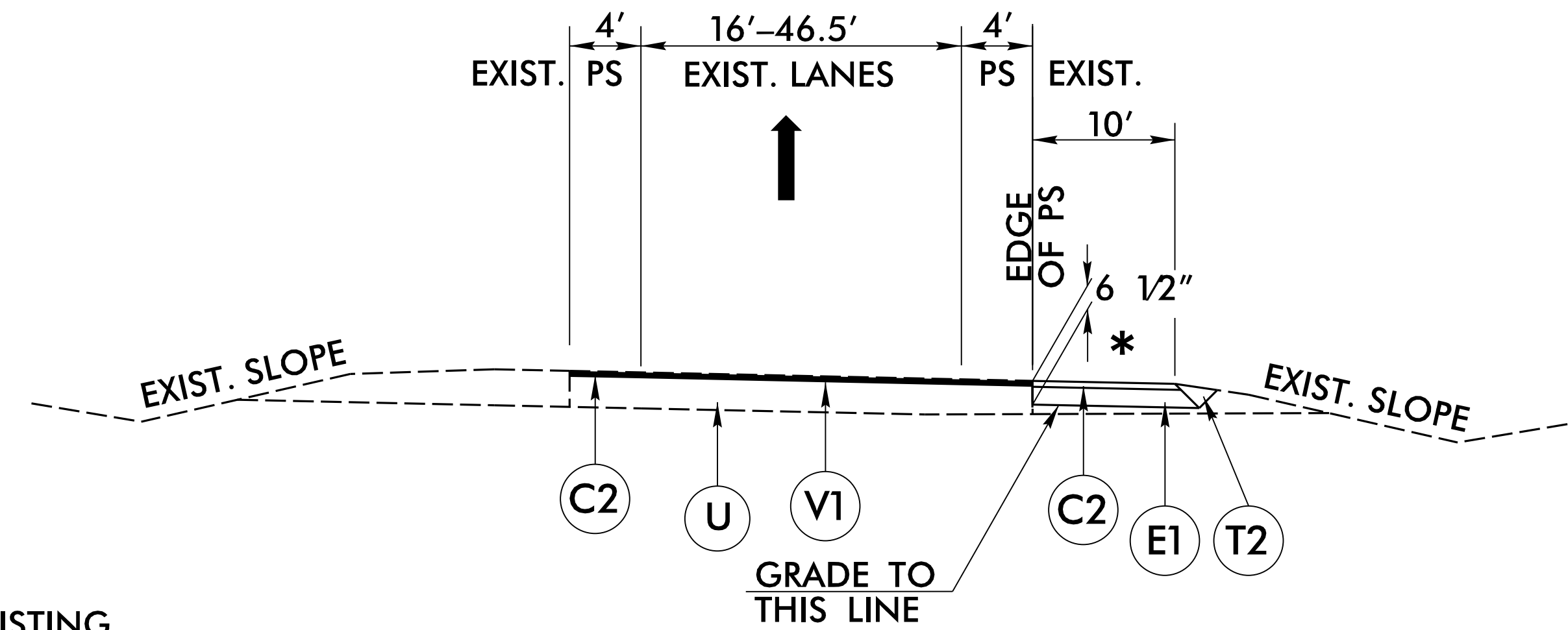
REVISIONS

8/17/99  
12/1/2005 Rdu\_csh50\_Typ.dgn  
11/15/2005 Rdu\_csh50\_Typ.dgn

# PAVEMENT SCHEDULE

C1	5/8" ULTRA-THIN BONDED WEARING COURSE AT A RATE OF 70 LBS. PER SQ. YD.
C2	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5D, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
D1	PROP. APPROX. 2 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
E1	PROP. APPROX. 5" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 570 LBS. PER SQ. YD.
T1	SHOULDER RECONSTRUCTION
T2	EARTH MATERIAL
V1	MILL 1.5" OF EXISTING ASPHALT PAVEMENT
V2	MILL 2.25" OF EXISTING ASPHALT PAVEMENT
V3	MILL 2.5" OF EXISTING ASPHALT PAVEMENT
U	EXISTING PAVEMENT
Y	MILLED RUMBLE STRIPS

NOTE: PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE.



\* MATCH EXISTING CROSS SLOPES

**TYPICAL SECTION NO. 4**  
PAVED SHOULDER WIDENING

**USE TYPICAL SECTION NO. 4**

MAP 2	US 64US 264 WB RAMP	450 LF	(REVERSE)
MAP 3	US 64US 264 EB RAMP	340 LF	
MAP 4	US 64US 264 EB RAMP	455 LF	
MAP 7	US 64US 264 WB RAMP	322 LF	
MAP 9	US 64US 264 WB RAMP	441 LF	(REVERSE)
MAP 10	US 64US 264 EB RAMP	590 LF	
MAP 11	US 64US 264 EB RAMP	482 LF	
MAP 13	US 64 WB RAMP	250 LF	
MAP 14	US 64 WB RAMP	458 LF	
MAP 16	US 64 EB RAMP	457 LF	
MAP 17	US 64 WB RAMP	267 LF	(REVERSE)
MAP 18	US 64 WB RAMP	461 LF	(REVERSE)
MAP 19	US 64 EB RAMP	446 LF	
MAP 20	US 64 EB RAMP	487 LF	

**PAVED SHOULDER WIDENING**

Note: Approximate quantities only. Unclassified Excavation, and Fine Grading will be paid for at the contract lump sum price for "Grading."

REVISIONS

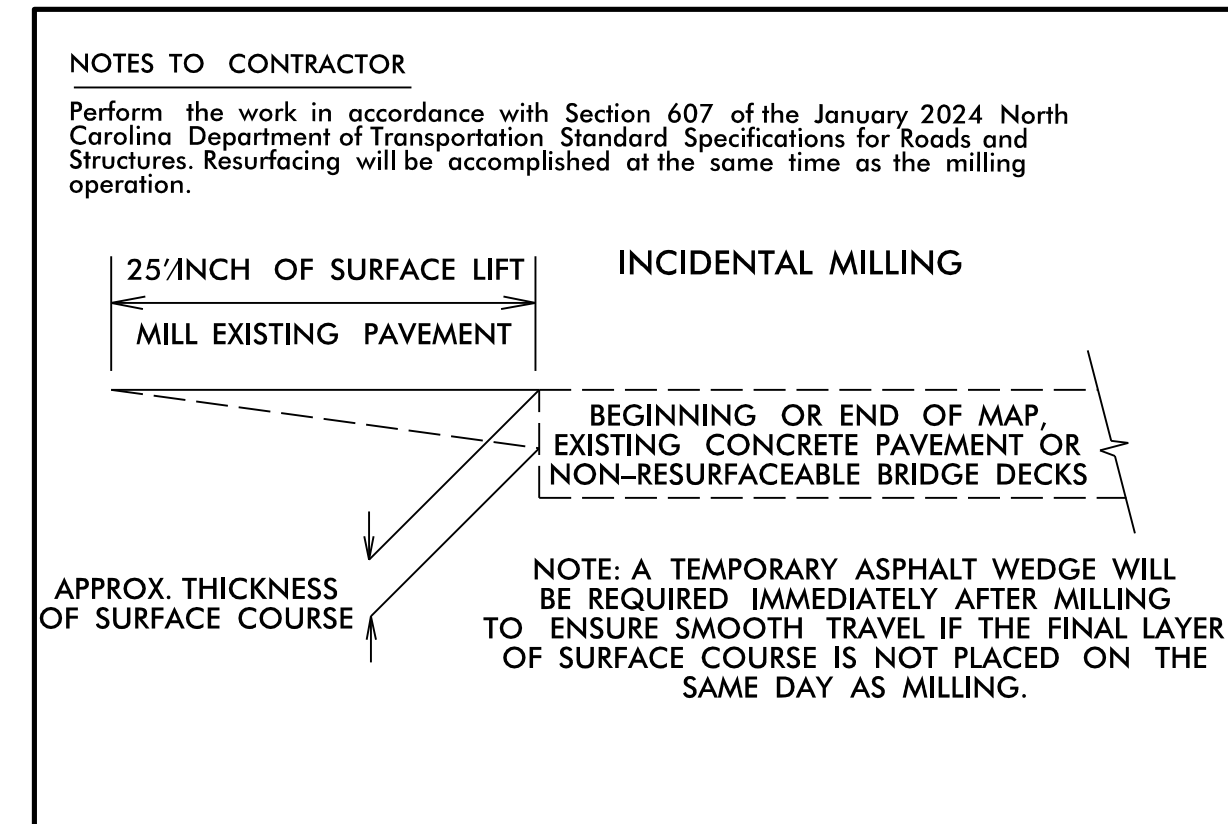
8/17/99

1/7/2006  
1720061\_Rdu\_csh61\_Typ.dgn  
11:51:03 AM

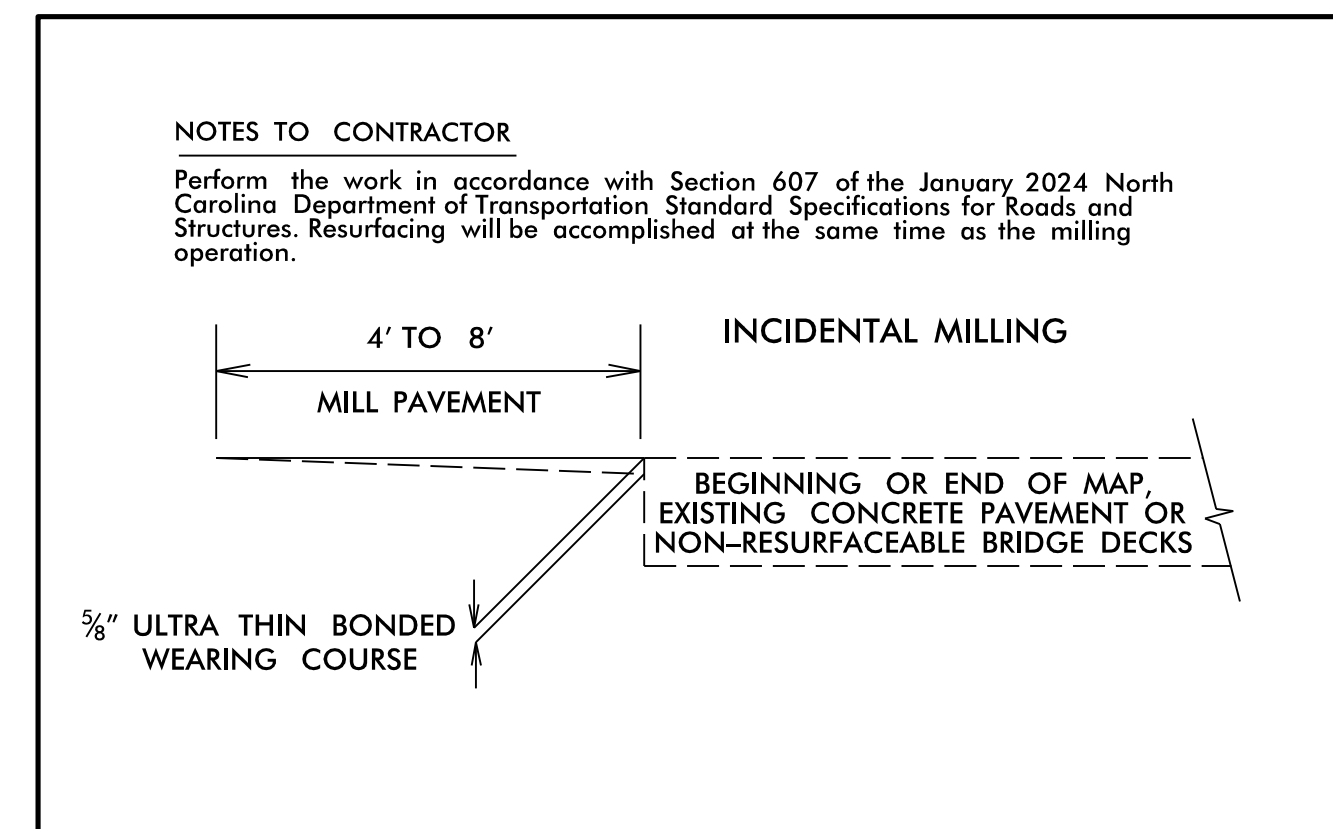
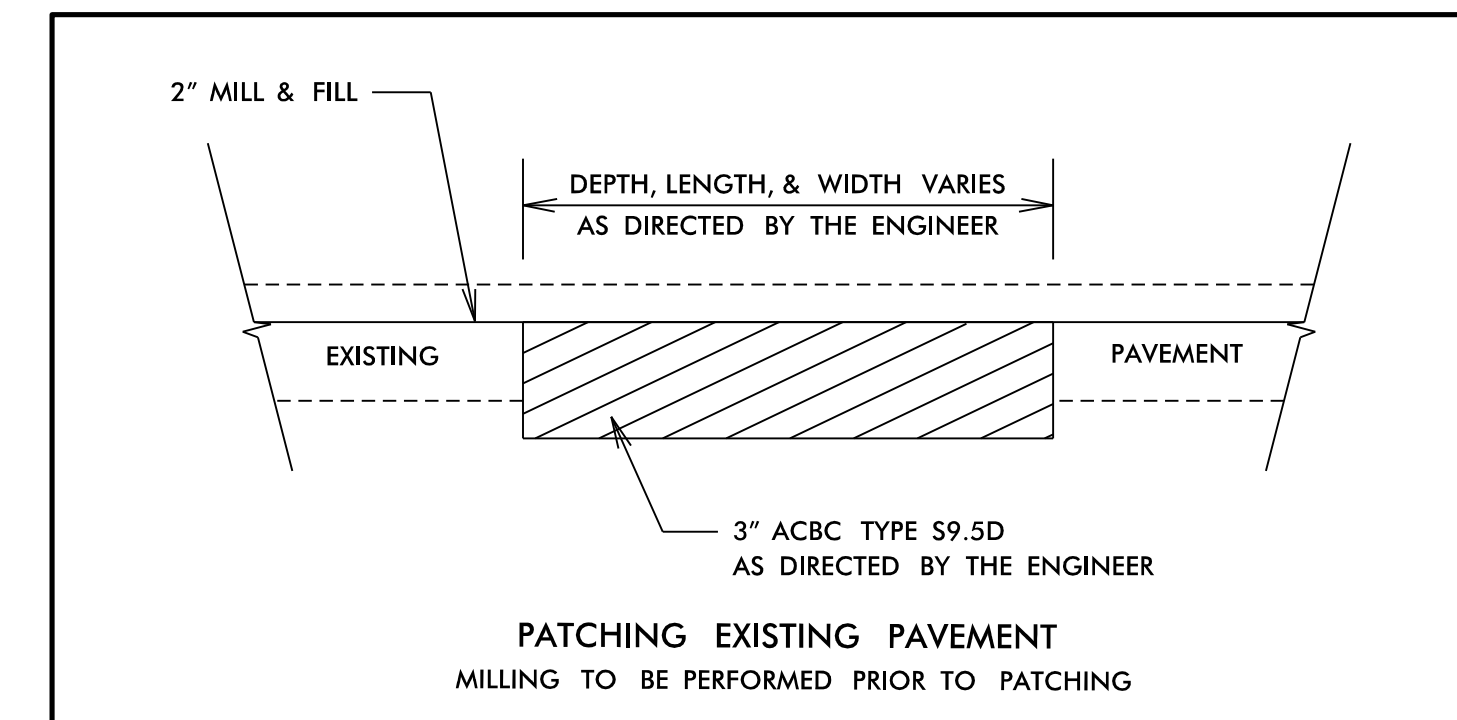
### NOTES

ALL PAVED RAMPS /LOOPS TO BE RESURFACED TO THE Y-LINE E.O.P.S. OR AS DIRECTED BY THE ENGINEER.

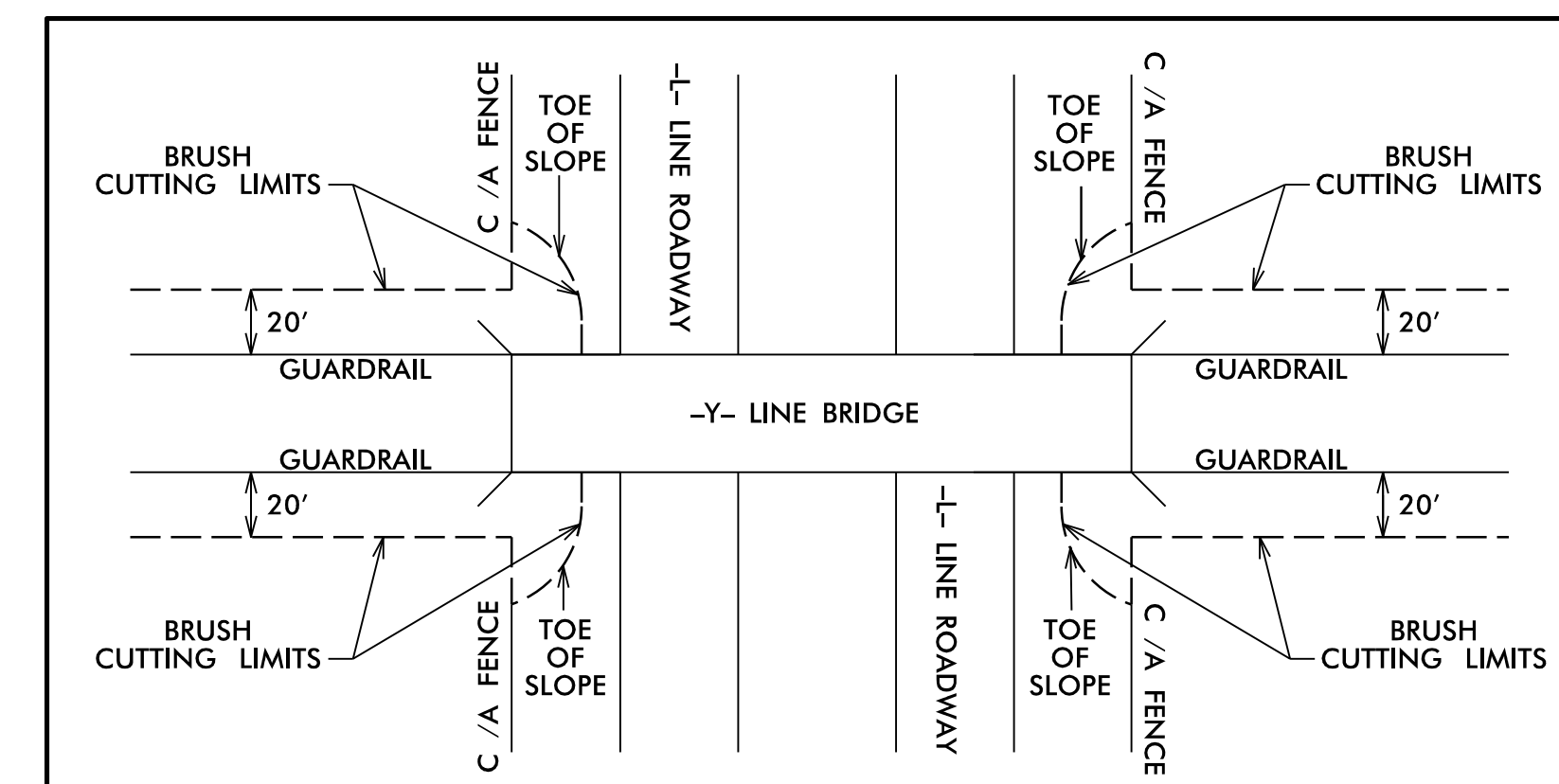
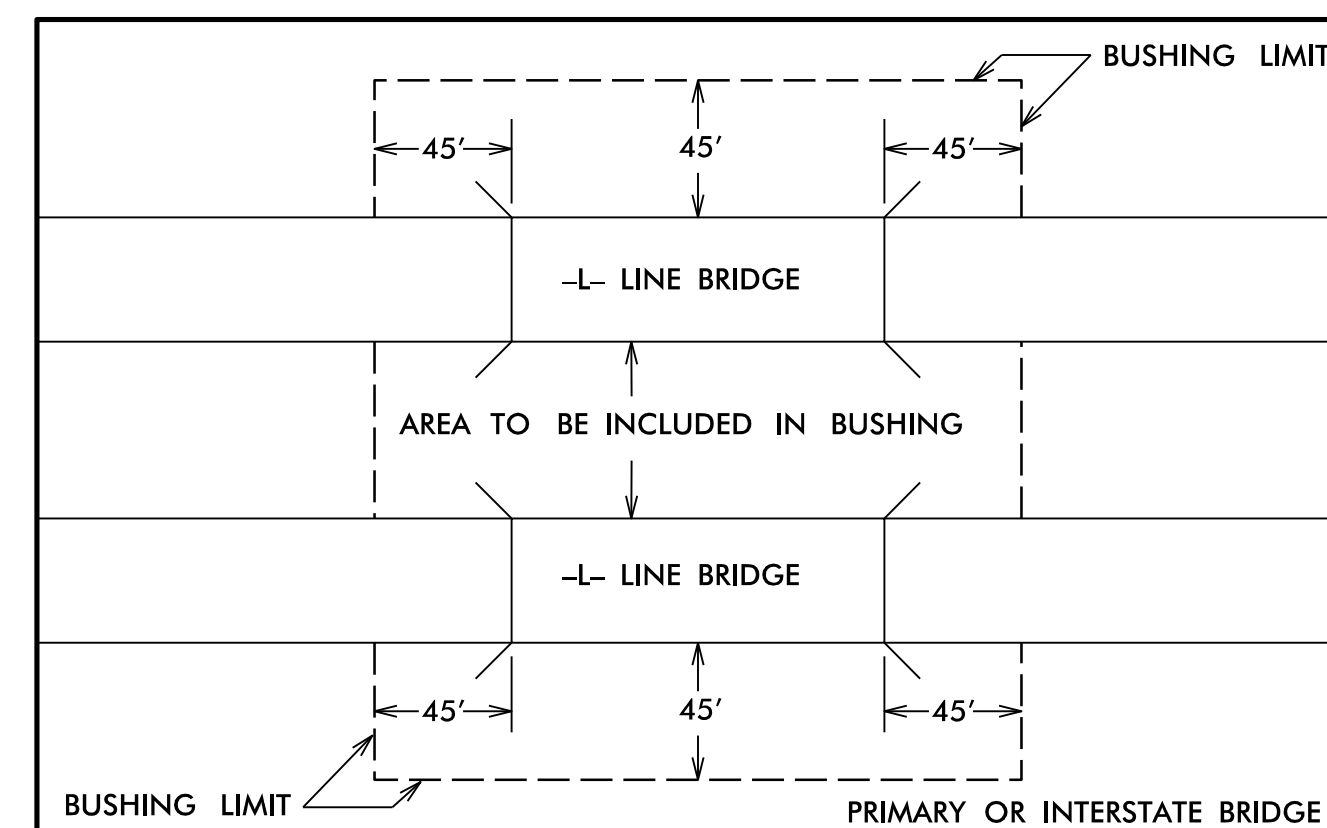
EDGES, PAVEMENT WIDENING, INTERSECTIONS AND BRIDGE FLARES ARE INCLUDED IN THE TABLE OF QUANTITIES.



INCIDENTAL MILLING DETAIL



INCIDENTAL MILLING DETAIL



SELECTIVE VEGETATION REMOVAL

REVISIONS

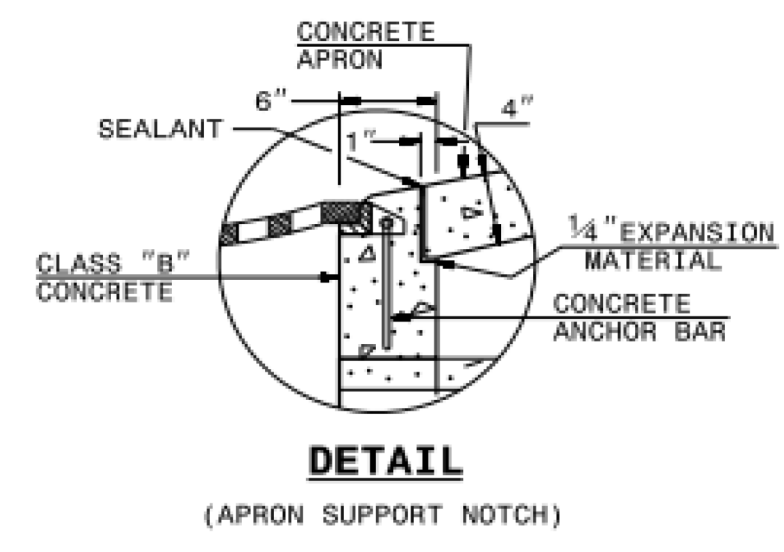
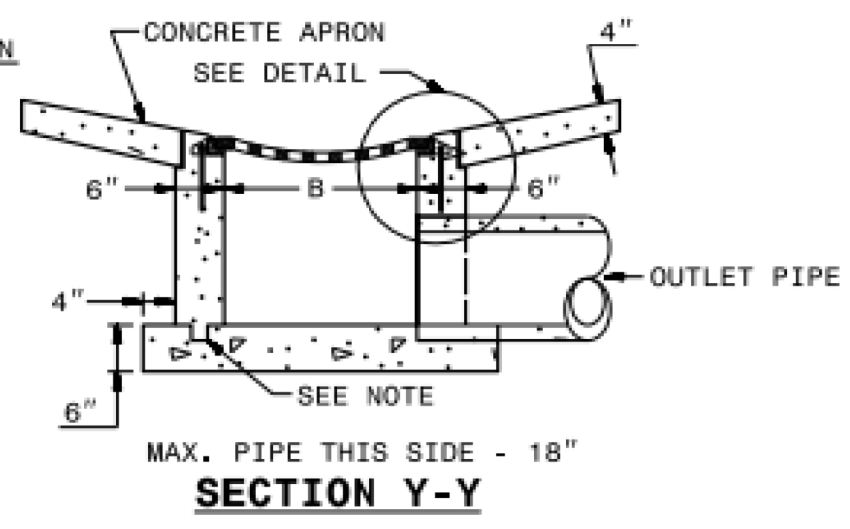
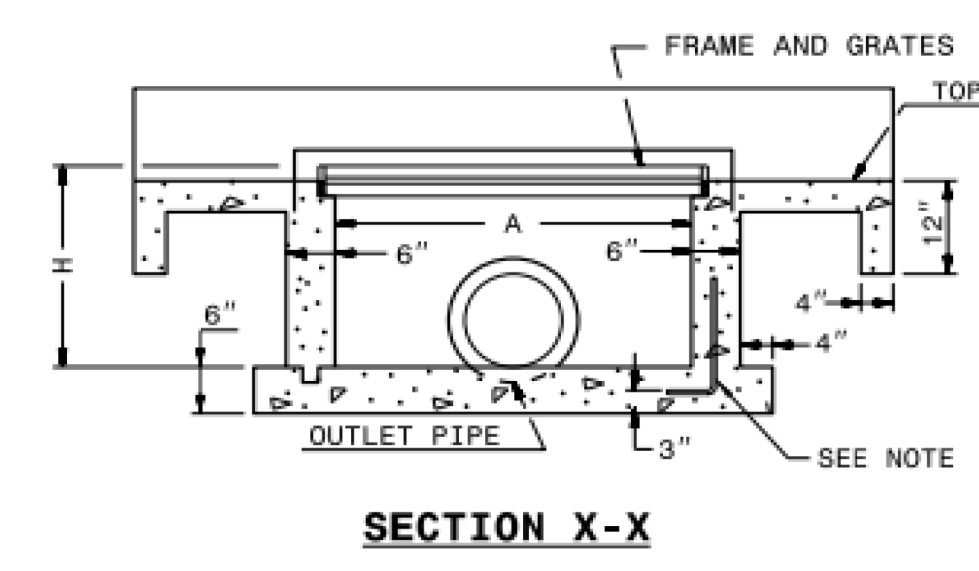
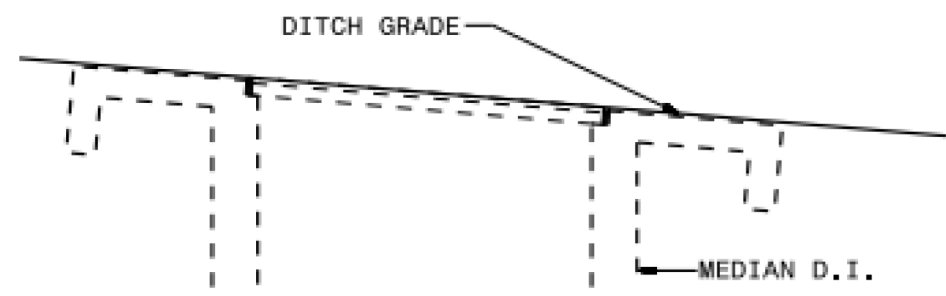
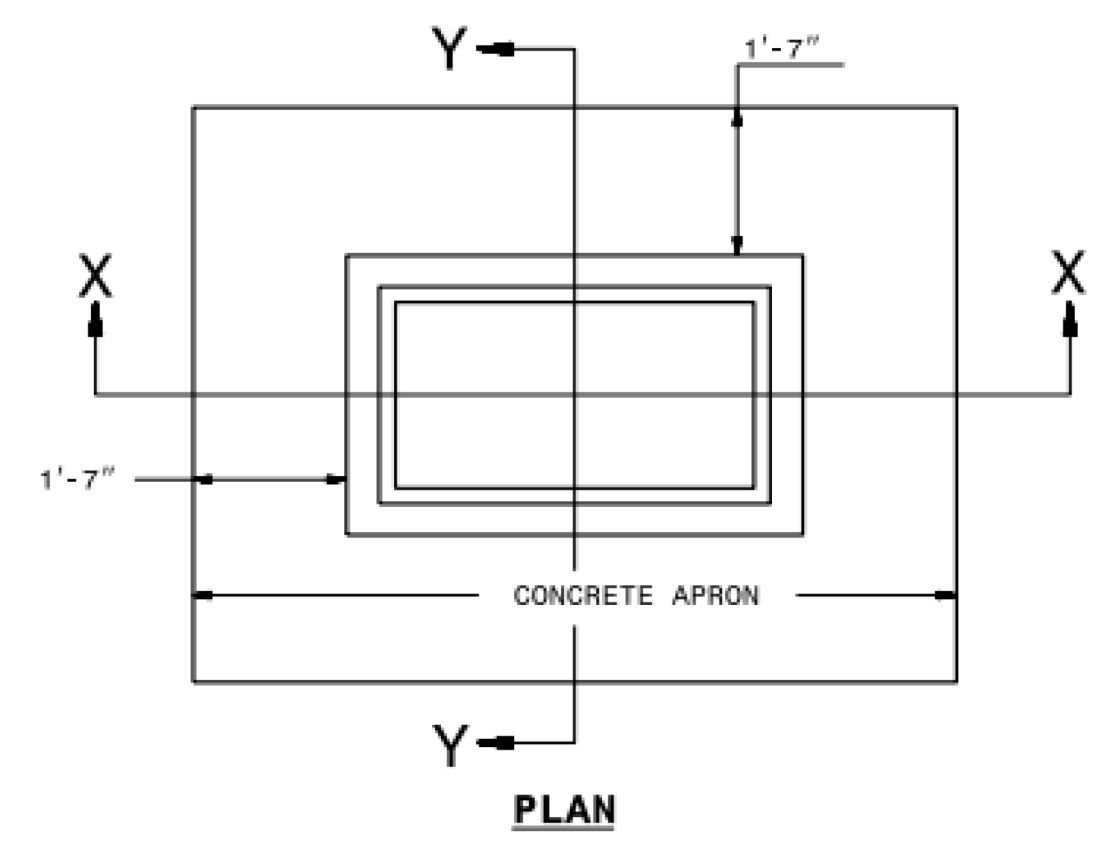
8/17/99

11/5/2025  
 I:\572001\_Rdu\_psh62\_Typ.dgn

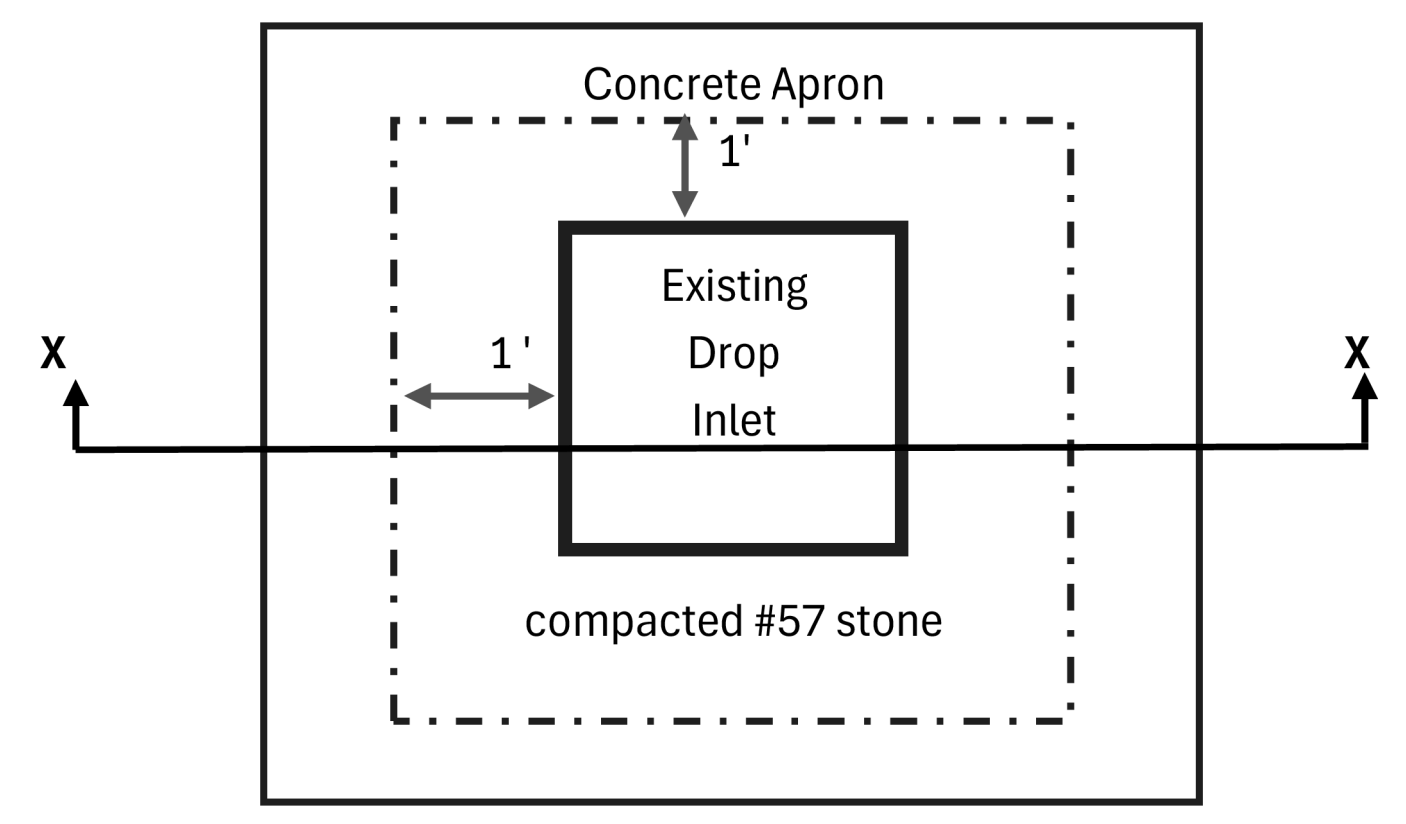
8/17/99

**General Notes:**

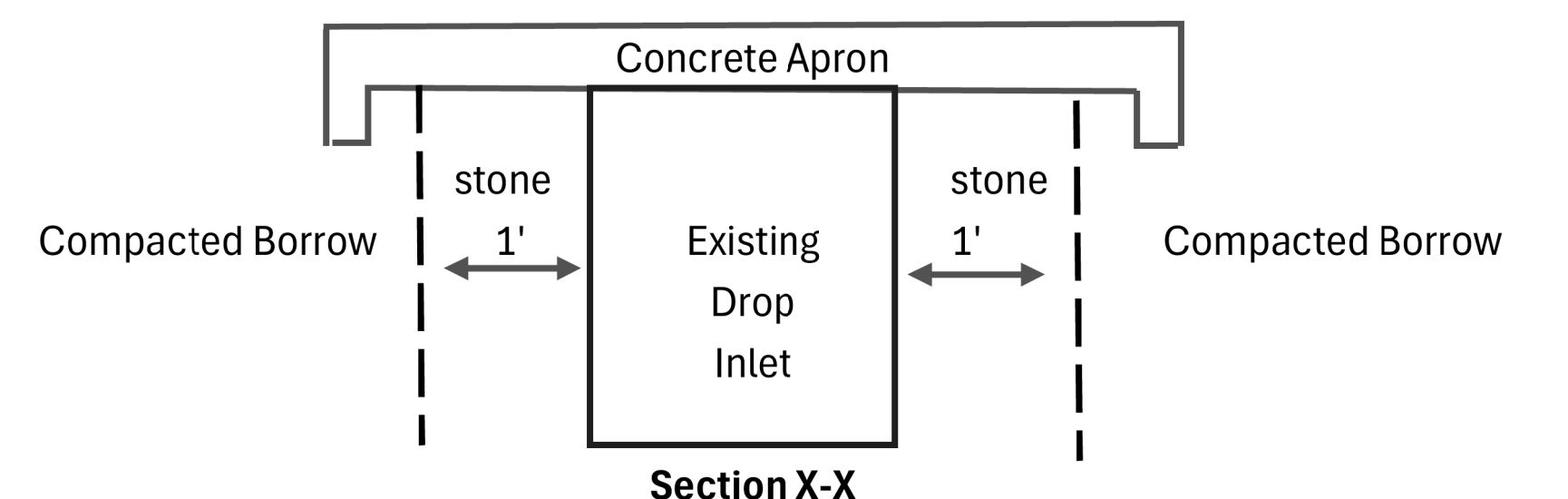
- \*Excavate to the base of the existing drainage structure or a maximum of 4 ft. deep .
- \*Place compacted #57 stone from the base of the excavation to within 4 inches of the top of the drainage structure a minimum of one foot wide from the drainage structure wall.
- \*Refer to Section 840 "Minor Drainage Structures" construction methods in the current NCDOT Standard Specifications for Roads and Bridges



**Drop Inlet Wash Out and Apron Replacement**



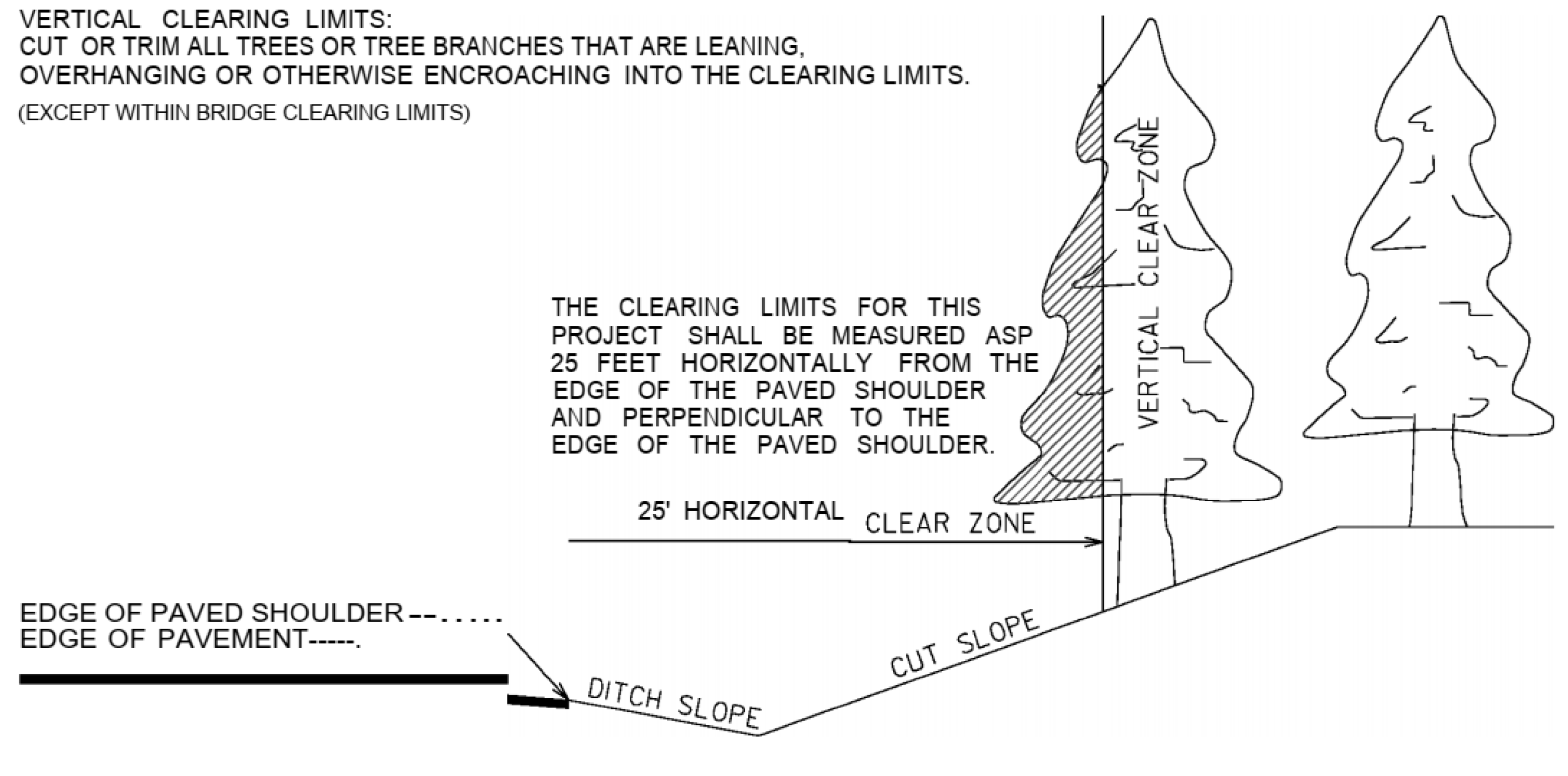
Plan View



Section X-X

**VERTICAL CLEARING LIMITS:**  
 CUT OR TRIM ALL TREES OR TREE BRANCHES THAT ARE LEANING, OVERHANGING OR OTHERWISE ENCRUCHING INTO THE CLEARING LIMITS.  
 (EXCEPT WITHIN BRIDGE CLEARING LIMITS)

THE CLEARING LIMITS FOR THIS PROJECT SHALL BE MEASURED ASP 25 FEET HORIZONTALLY FROM THE EDGE OF THE PAVED SHOULDER AND PERPENDICULAR TO THE EDGE OF THE PAVED SHOULDER.

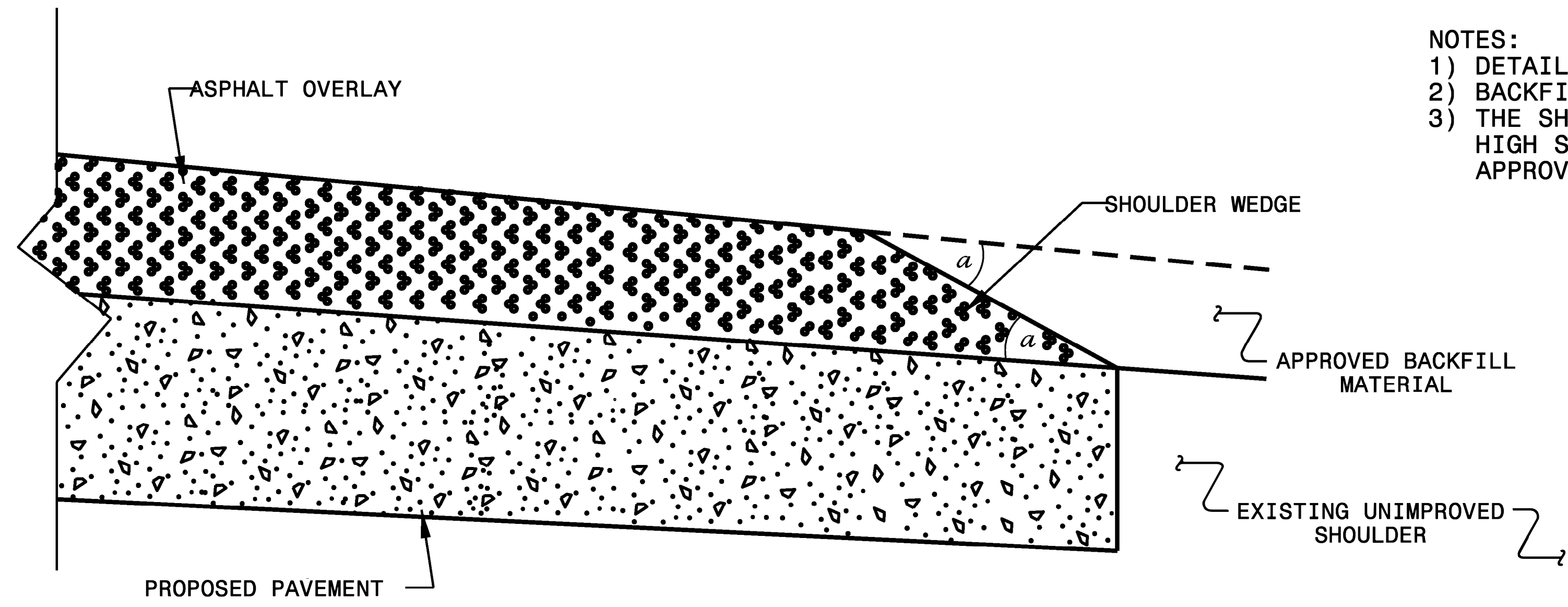


REVISIONS

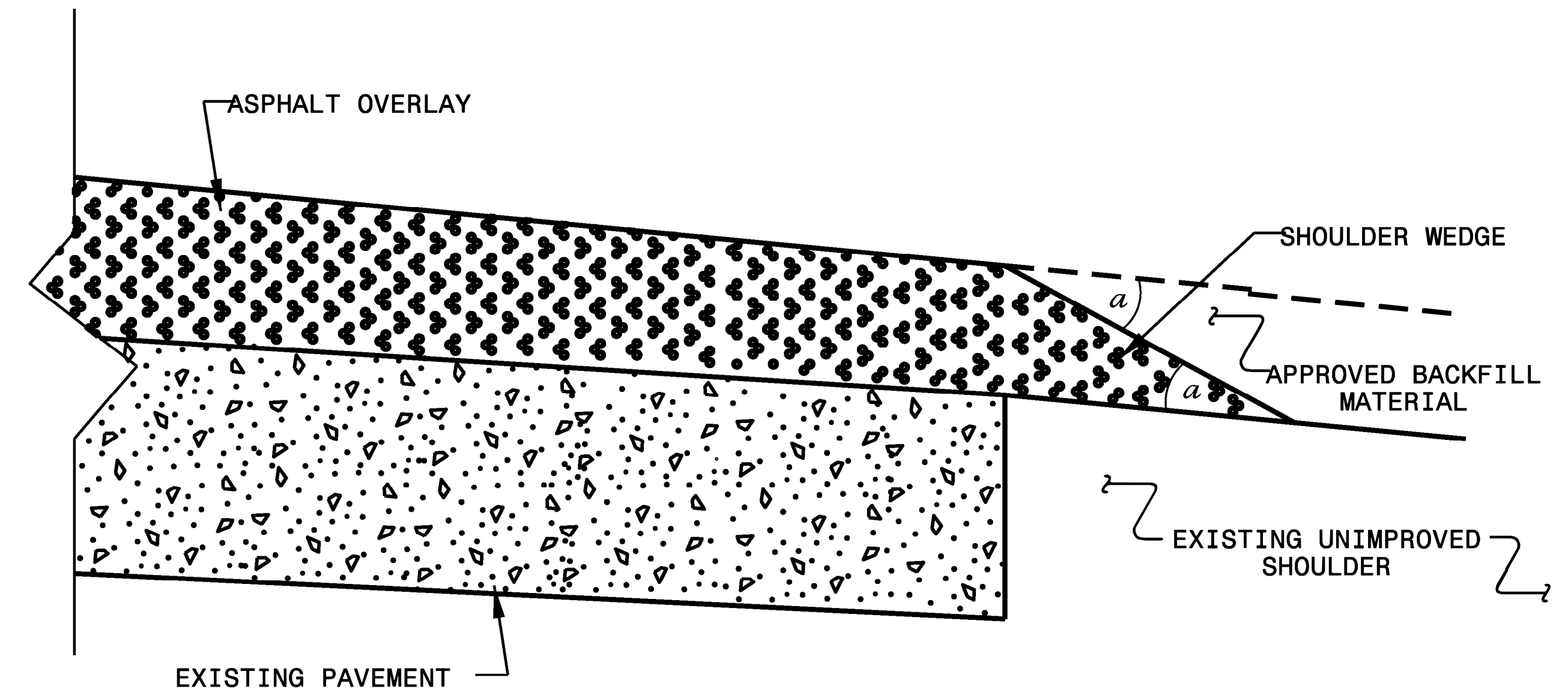
11/5/2025  
 I:\6001\_Rd\psh63\_Typ.dgn  
 I:\6001\_Rd\psh63\_Typ.dgn



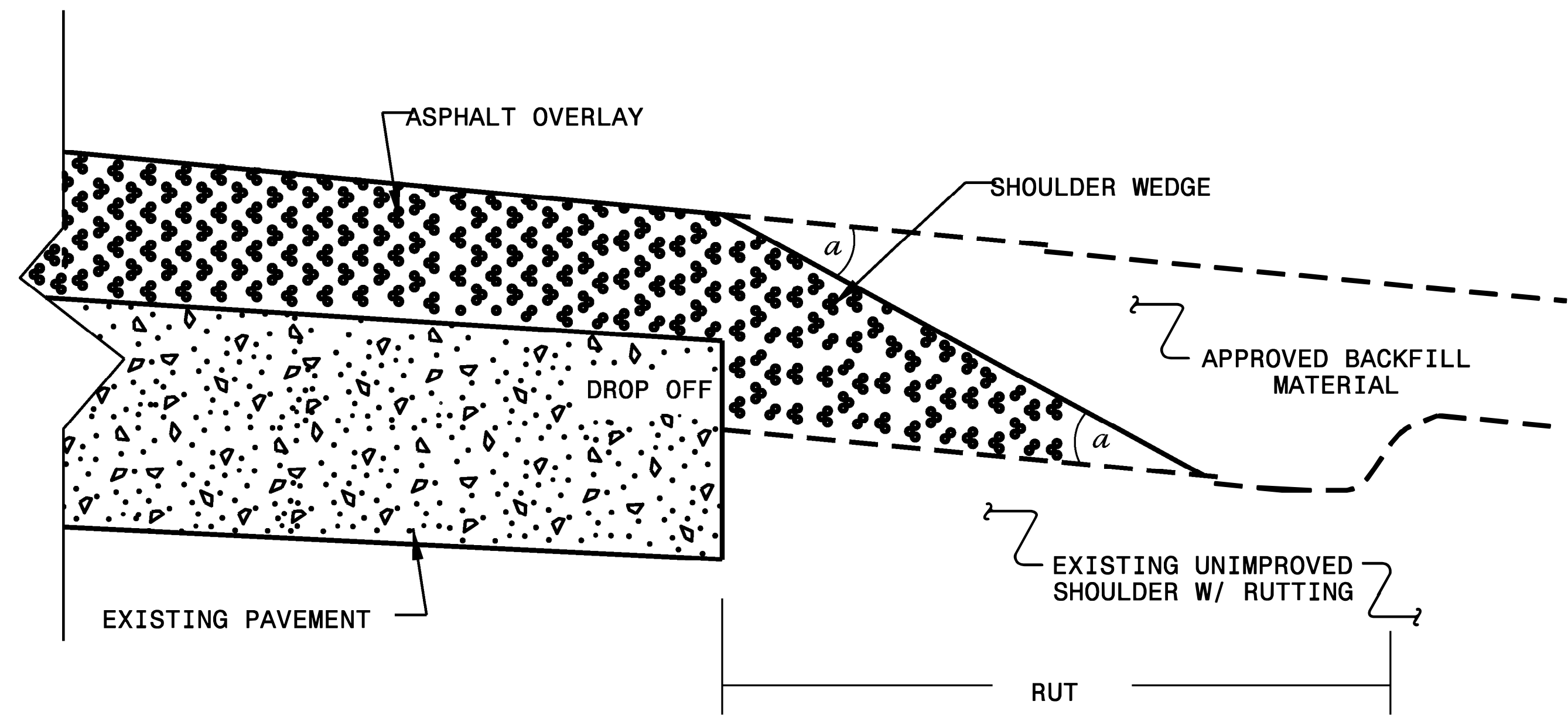
- NOTES:
- 1) DETAIL DOES NOT APPLY TO OGAFB AND ULTRA-THIN BONDED WEARING COURSE.
  - 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
  - 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS, SIDE STREETS, HIGH SHOULDERS, AND OTHER LOCATIONS NOT FEASIBLE TO CONSTRUCT AS APPROVED BY THE ENGINEER.



**SHOULDER WEDGE DETAIL**  
 (Resurfacing Projects w/ Widening or  
 with Existing Paved Shoulder having no dropoffs)



**SHOULDER WEDGE DETAIL**  
 (Resurfacing Projects w/ NO Widening)

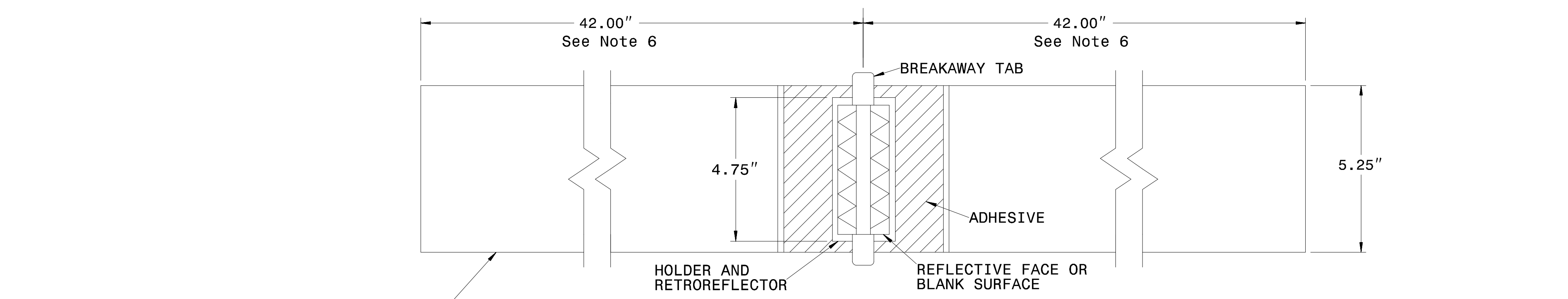


**SHOULDER WEDGE DETAIL**  
 (Resurfacing Adjacent to  
 Rutted Shoulder)

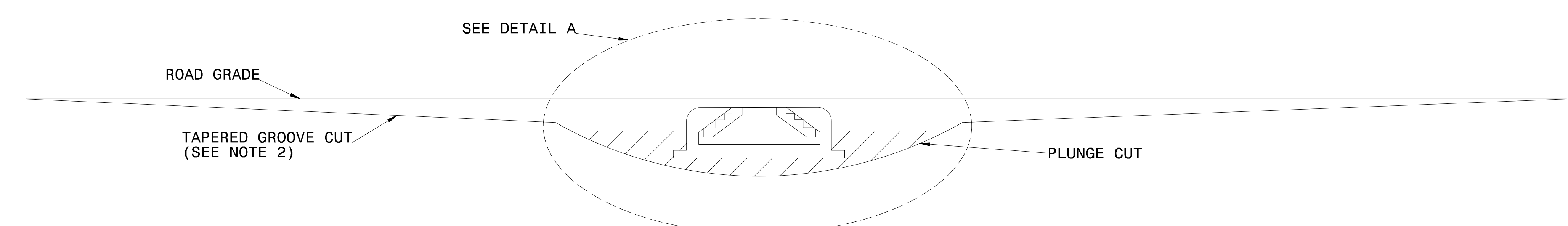
- SHOULDER WEDGE ANGLE = 30°

<b>CONTRACT STANDARDS AND DEVELOPMENT UNIT</b>	
Office 919-707-6950	FAX 919-250-4119
<b>SHOULDER WEDGE DETAILS</b>	
ORIGINAL BY: T. SPELL	DATE: 2-19-11
MODIFIED BY:	DATE: 2/2/16
CHECKED BY:	DATE:
FILE SPEC.: s:\usr\details\stand\shoulderwedgedetail.dgn	

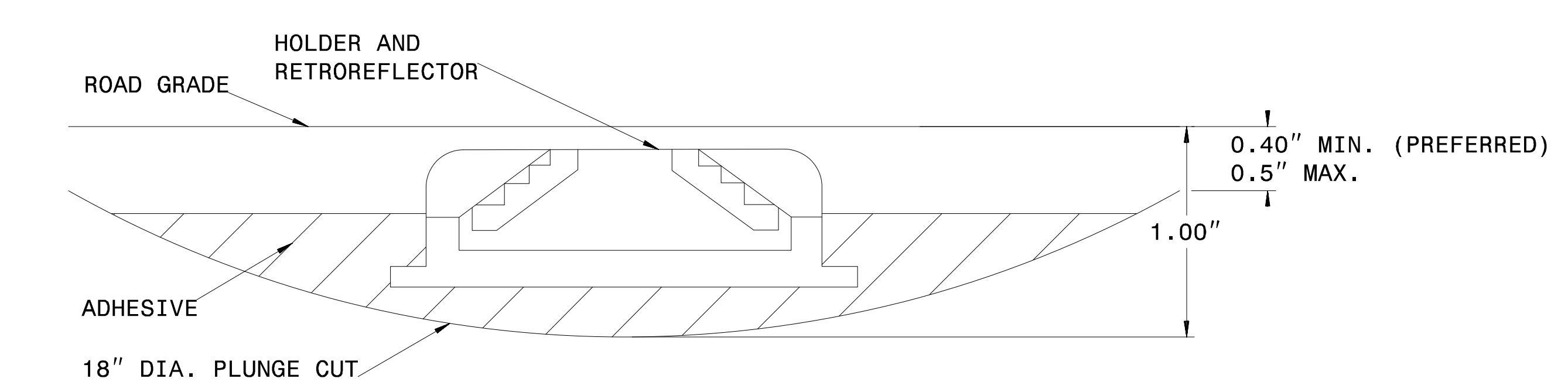
22-JAN-2018 09:41  
 S:\Contracts\2018\Resurfacing Projects\Division 4\I-5937 Wilson March 2018\Revised Shoulder Wedge Detail.dgn  
 Paper: 11 00 212512



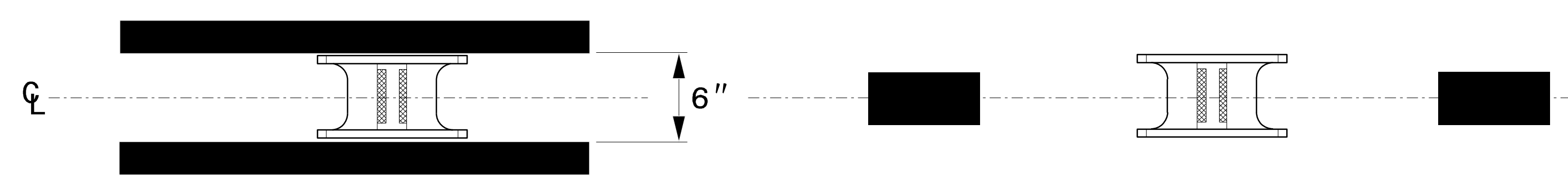
**PLAN VIEW - TANGENT SECTIONS**



**PROFILE VIEW**



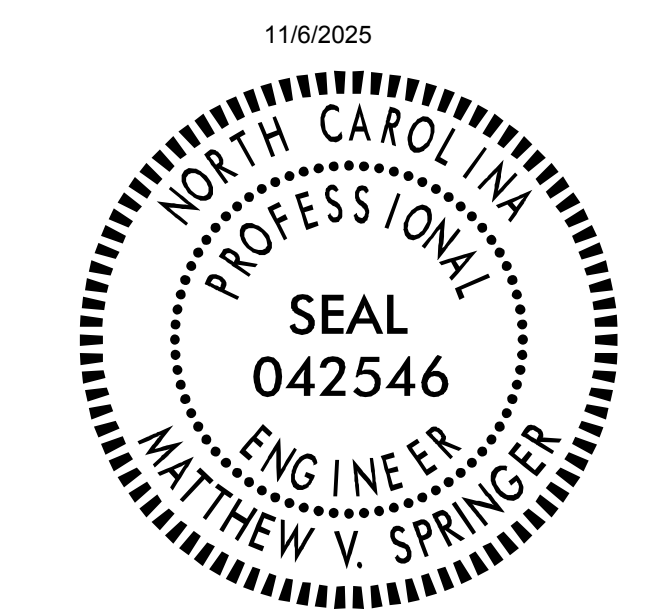
**DETAIL A**



**MARKER SPACING**

**NOTES:**

1. ALL GROOVE EDGES SHALL BE AT LEAST 2 INCHES FROM ANY SEAM OR PAVEMENT JOINT
2. GROOVE CUTS MAY BE TAPERED OR BEVELED. TAPERED CUTS SHALL START AT ROAD LEVEL ON EACH END AND TAPER AT A FIXED RATE AS SHOWN ON THE PROFILE VIEW. BEVELED GROOVE CUTS SHALL BE 0.5" MAXIMUM DEPTH (0.4" PREFERRED), AND SHALL BE 0.4" MINIMUM DEPTH AT BOTH ENDS OF THE PLUNGE CUT.
3. GROOVE AND PLUNGE CUT SHALL BE CLEAN AND DRY PRIOR TO PLACEMENT OF ADHESIVE.
4. THE EPOXY ADHESIVE SHALL BE THOROUGHLY MIXED UNTIL IT IS UNIFORM IN COLOR, AND APPLIED IN COLOR, AND APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
5. MARKER SHALL BE INSTALLED AS PER MANUFACTURER'S INSTALLATION INSTRUCTIONS WITH THE BREAKWAY TABS RESTING ON THE PAVEMENT SURFACE. THE EPOXY SHALL BE FILLED TO THE LEVEL OF THE TOP OF THE MARKER HOLDER. EPOXY SHALL NOT TOUCH THE RETROREFLECTOR.
6. TOTAL GROOVE LENGTH MAY BE SHORTENED TO 54" ON SHARP CURVES IF APPROVED BY THE ENGINEER. GROOVES SHALL NOT OVERLAP WITH LOOP DETECTOR WIRES.



Signed by:  
*Matthew V. Springer, PE*  
BC60F6E8B584403...

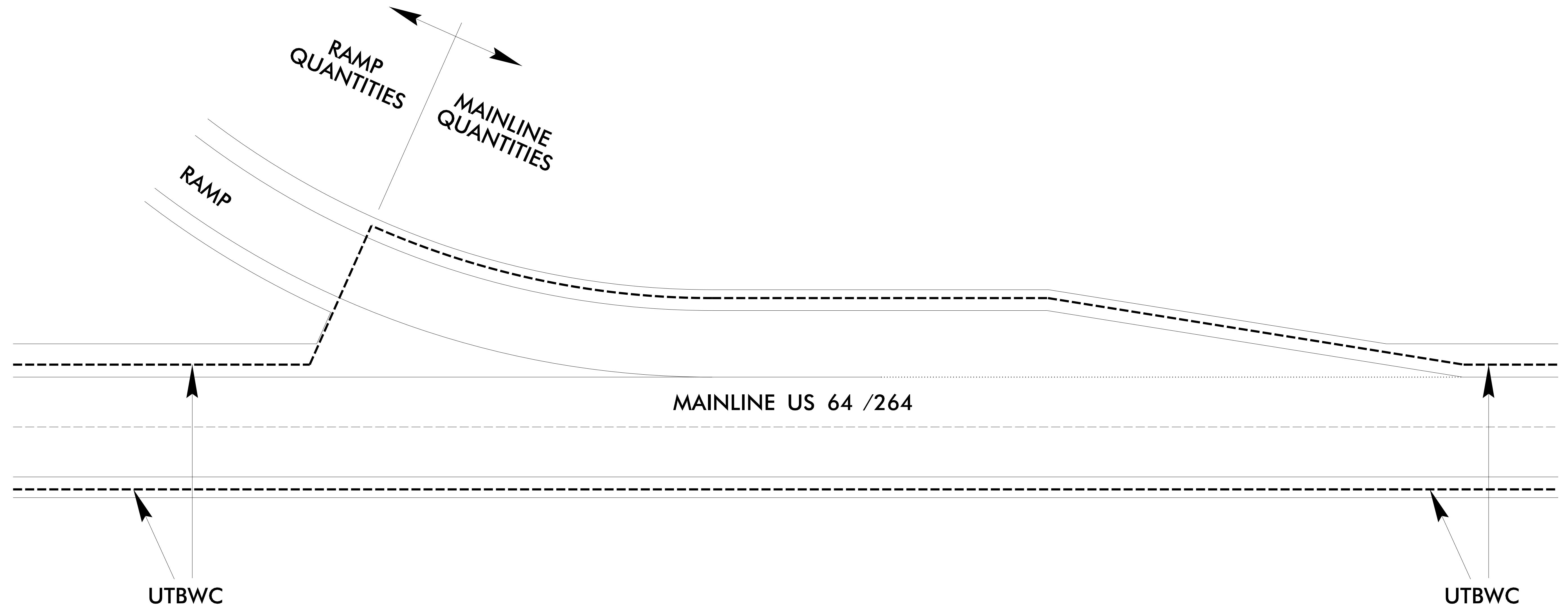
**CONTRACTS STANDARDS AND DEVELOPMENT UNIT**  
Office 919-707-8950 FAX 919-250-4119

**DETAIL OF INLAID CRADLE MARKER**

ORIGINAL BY: rgwatson DATE: 02-06-2024  
 MODIFIED BY: DATE:  
 CHECKED BY: DATE:  
 FILE SPEC.: DATE:



PAVING LIMITS FOR SEPERATION BETWEEN MAINLINE AND RAMPS  
PAVING LIMITS FOR ULTRA-THIN BONDED WEARING COURSE  
AT EXIT AND ENTRANCE RAMPS & LOOPS



NOT TO SCALE

5/14/99  
PAVING LIMITS FOR OPEN-GRADED FRICTION COURSE.dgn















# SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	4400000000-E	4423000000-N	4424000000-N	4434000000-N	4510000000-N	4685000000-E	4688000000-E		4700000000-E	4709000000-E		
								MI	FT	SF	EA	EA	EA	HR	LF	LF	LF	LF	LF		
I-6001	Wake	1	US-64 / US-264	FROM BUS 64 TO NASH COUNTY LINE	1	2	2WD	13.38	144	928	5.00	14.00	12.00	8,326		194,570	149,280	16,070	30		
<b>TOTAL FOR MAP NO. 1</b>								<b>13.38</b>		<b>928</b>	<b>5</b>	<b>14</b>	<b>12</b>	<b>8,326</b>		<b>194,570</b>	<b>149,280</b>	<b>16,070</b>	<b>30</b>		
I-6001	Wake	2	US 64/US 264 WB RAMP		2,4	1		0.18	24							1,170	970				
<b>TOTAL FOR MAP NO. 2</b>								<b>0.18</b>								<b>1,170</b>	<b>970</b>				
I-6001	Wake	3	US 64/US 264 EB RAMP		2,4	1		0.135	24						790	780					
<b>TOTAL FOR MAP NO. 3</b>								<b>0.135</b>						<b>790</b>	<b>780</b>						
I-6001	Wake	4	US 64/US 264 EB RAMP		2,4	1		0.151	24							870	880				
<b>TOTAL FOR MAP NO. 4</b>								<b>0.151</b>							<b>870</b>	<b>880</b>					
I-6001	Wake	5	US 64/US 264 EB RAMP		2	1		0.154	24							920	910				
<b>TOTAL FOR MAP NO. 5</b>								<b>0.154</b>							<b>920</b>	<b>910</b>					
I-6001	Wake	6	US 64/US 264 WB RAMP		2	1		0.134	24							940	910	150			
<b>TOTAL FOR MAP NO. 6</b>								<b>0.134</b>							<b>940</b>	<b>910</b>	<b>150</b>				
I-6001	Wake	7	US 64/US 264 WB RAMP		2,4	1		0.187	24							1,120	1,110				
<b>TOTAL FOR MAP NO. 7</b>								<b>0.187</b>							<b>1,120</b>	<b>1,110</b>					
I-6001	Wake	8	US 64/US 264 WB LOOP		3	1		0.096	21								410		30		
<b>TOTAL FOR MAP NO. 8</b>								<b>0.096</b>									<b>410</b>		<b>30</b>		
I-6001	Wake	9	US 64/US 264 WB RAMP		2,4	1		0.193	24							1,120	960				
<b>TOTAL FOR MAP NO. 9</b>								<b>0.193</b>							<b>1,120</b>	<b>960</b>					
I-6001	Wake	10	US 64/US 264 EB RAMP		2,4	1		0.167	24							970	970		60		
<b>TOTAL FOR MAP NO. 10</b>								<b>0.167</b>							<b>970</b>	<b>970</b>		<b>60</b>			
I-6001	Wake	11	US 64/US 264 EB RAMP		2,4	1		0.122	24							710	720				
<b>TOTAL FOR MAP NO. 11</b>								<b>0.122</b>							<b>710</b>	<b>720</b>					
I-6001	Wake	12	US 264 EB RAMP		2	1		0.338	24							1,960	1,970				
<b>TOTAL FOR MAP NO. 12</b>								<b>0.338</b>							<b>1,960</b>	<b>1,970</b>					
I-6001	Franklin	13	US 64 WB RAMP		2,4	1		0.168	24							1,000	1,010	130	50		
<b>TOTAL FOR MAP NO. 13</b>								<b>0.168</b>							<b>1,000</b>	<b>1,010</b>	<b>130</b>	<b>50</b>			
I-6001	Franklin	14	US 64 WB RAMP		2,4	1		0.195	24							1,210	1,190				
<b>TOTAL FOR MAP NO. 14</b>								<b>0.195</b>							<b>1,210</b>	<b>1,190</b>					
I-6001	Franklin	15	US 64 EB RAMP		2	1		0.164	24							1,030	1,040	120	60		
<b>TOTAL FOR MAP NO. 15</b>								<b>0.164</b>							<b>1,030</b>	<b>1,040</b>	<b>120</b>	<b>60</b>			
I-6001	Franklin	16	US 64 EB RAMP		2,4	1		0.197	24							1,220	1,200				
<b>TOTAL FOR MAP NO. 16</b>								<b>0.197</b>							<b>1,220</b>	<b>1,200</b>					
I-6001	Franklin	17	US 64 WB RAMP		2,4	1		0.142	24							950	940	130			
<b>TOTAL FOR MAP NO. 17</b>								<b>0.142</b>							<b>950</b>	<b>940</b>	<b>130</b>				
I-6001	Franklin	18	US 64 WB RAMP		2,4	1		0.193	24							1,120	1,120				
<b>TOTAL FOR MAP NO. 18</b>								<b>0.193</b>							<b>1,120</b>	<b>1,120</b>					
I-6001	Franklin	19	US 64 EB RAMP		2,4	1		0.157	24							1,020	1,010	120			
<b>TOTAL FOR MAP NO. 19</b>								<b>0.157</b>							<b>1,020</b>	<b>1,010</b>	<b>120</b>				
I-6001	Franklin	20	US 64 EB RAMP		2,4	1		0.2	24							1,160	1,160				
<b>TOTAL FOR MAP NO. 20</b>								<b>0.2</b>							<b>1,160</b>	<b>1,160</b>					
I-6001	Wake	21	US 64/US 264 WB RAMP		2	2	2WU	0.289	31							2,250	1,710	50	30		
<b>TOTAL FOR MAP NO. 21</b>								<b>0.289</b>							<b>2,250</b>	<b>1,710</b>	<b>50</b>	<b>30</b>			
I-6001	Wake	22	US-64 BUS WB LOOP		3	1		0.181	25								1,050				
<b>TOTAL FOR MAP NO. 22</b>								<b>0.181</b>								<b>1,050</b>					
I-6001	Wake	23	US 64/US 264 EB RAMP		2	1		0.132	29							760	960				
<b>TOTAL FOR MAP NO. 23</b>								<b>0.132</b>							<b>760</b>	<b>960</b>					
<b>TOTAL FOR PROJ NO. I-6001</b>								<b>17.255</b>		<b>928</b>	<b>5.00</b>	<b>14.00</b>	<b>12.00</b>	<b>8,326</b>	<b>790</b>	<b>216,850</b>	<b>171,480</b>	<b>16,770</b>	<b>260</b>		
<b>GRAND TOTAL</b>								<b>17.255</b>		<b>928</b>	<b>5.00</b>	<b>14.00</b>	<b>12.00</b>	<b>8,326</b>	<b>790</b>	<b>216,850</b>	<b>171,480</b>	<b>16,770</b>	<b>260</b>		

REVISIONS

8/17/99 12/3/2025 I-6001-I-6001-500\_PSH.dgn

# SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	472500000-E						477500000-E		481000000-E	481500000-E		482500000-E	483500000-E		
										THERMO MERGE ARROW 90 M	THERMO RT ARROW 90 M	THERMO LT STR RT ARROW 90 M	THERMO WRONG WAY RAMP ARROW 90 M	THERMO STR & LT ARROW 90 M	THERMO STR ARROW 90 M	6" WHITE COLD APPLIED PLASTIC, TYPE II	6" YELLOW COLD APPLIED PLASTIC, TYPE II	4" YELLOW PAINT PAVEMENT MARKING LINES	6" WHITE PAINT PAVEMENT MARKING LINES	6" YELLOW PAINT PAVEMENT MARKING LINES	12" WHITE PAINT PAVEMENT MARKING LINES	24" WHITE PAINT PAVEMENT MARKING LINES		
										EA	EA	EA	EA	EA	EA	LF	LF	LF	LF	LF	LF	LF		
I-6001	Wake	1	US-64 / US-264	FROM BUS 64 TO NASH COUNTY LINE	1	2	2WD	13.38	144	34						1,410	1,090		194,570	149,280	16,070	30		
<b>TOTAL FOR MAP NO. 1</b>									13.38		34				1,410	1,090		194,570	149,280	16,070	30			
I-6001	Wake	2	US 64/US 264 WB RAMP		2,4	1		0.18	24		2	2	2						1,170	970				
<b>TOTAL FOR MAP NO. 2</b>									0.18			2	2	2					1,170	970				
I-6001	Wake	3	US 64/US 264 EB RAMP		2,4	1		0.135	24									790	780					
<b>TOTAL FOR MAP NO. 3</b>									0.135								790	780						
I-6001	Wake	4	US 64/US 264 EB RAMP		2,4	1		0.151	24		1		1						870	880				
<b>TOTAL FOR MAP NO. 4</b>									0.151			1		1					870	880				
I-6001	Wake	5	US 64/US 264 EB RAMP		2	1		0.154	24										920	910				
<b>TOTAL FOR MAP NO. 5</b>									0.154										920	910				
I-6001	Wake	6	US 64/US 264 WB RAMP		2	1		0.134	24		1		1						940	910	150			
<b>TOTAL FOR MAP NO. 6</b>									0.134			1		1					940	910	150			
I-6001	Wake	7	US 64/US 264 WB RAMP		2,4	1		0.187	24										1,120	1,110				
<b>TOTAL FOR MAP NO. 7</b>									0.187										1,120	1,110				
I-6001	Wake	8	US 64/US 264 WB LOOP		3	1		0.096	21				1							410		30		
<b>TOTAL FOR MAP NO. 8</b>									0.096					1						410		30		
I-6001	Wake	9	US 64/US 264 WB RAMP		2,4	1		0.193	24					1					1,120	960				
<b>TOTAL FOR MAP NO. 9</b>									0.193						1				1,120	960				
I-6001	Wake	10	US 64/US 264 EB RAMP		2,4	1		0.167	24		1		1						970	970		60		
<b>TOTAL FOR MAP NO. 10</b>									0.167			1		1					970	970		60		
I-6001	Wake	11	US 64/US 264 EB RAMP		2,4	1		0.122	24										710	720				
<b>TOTAL FOR MAP NO. 11</b>									0.122										710	720				
I-6001	Wake	12	US 264 EB RAMP		2	1		0.338	24										1,960	1,970				
<b>TOTAL FOR MAP NO. 12</b>									0.338										1,960	1,970				
I-6001	Franklin	13	US 64 WB RAMP		2,4	1		0.168	24		1		1						1,000	1,010	130	50		
<b>TOTAL FOR MAP NO. 13</b>									0.168			1		1					1,000	1,010	130	50		
I-6001	Franklin	14	US 64 WB RAMP		2,4	1		0.195	24										1,210	1,190				
<b>TOTAL FOR MAP NO. 14</b>									0.195										1,210	1,190				
I-6001	Franklin	15	US 64 EB RAMP		2	1		0.164	24		1		1						1,030	1,040	120	60		
<b>TOTAL FOR MAP NO. 15</b>									0.164			1		1				1,030	1,040	120	60			
I-6001	Franklin	16	US 64 EB RAMP		2,4	1		0.197	24										1,220	1,200				
<b>TOTAL FOR MAP NO. 16</b>									0.197									1,220	1,200					
I-6001	Franklin	17	US 64 WB RAMP		2,4	1		0.142	24		1		1						950	940	130			
<b>TOTAL FOR MAP NO. 17</b>									0.142			1		1				950	940	130				
I-6001	Franklin	18	US 64 WB RAMP		2,4	1		0.193	24										1,120	1,120				
<b>TOTAL FOR MAP NO. 18</b>									0.193									1,120	1,120					
I-6001	Franklin	19	US 64 EB RAMP		2,4	1		0.157	24		1		1						1,020	1,010	120			
<b>TOTAL FOR MAP NO. 19</b>									0.157			1		1				1,020	1,010	120				
I-6001	Franklin	20	US 64 EB RAMP		2,4	1		0.2	24										1,160	1,160				
<b>TOTAL FOR MAP NO. 20</b>									0.2									1,160	1,160					
I-6001	Wake	21	US 64/US 264 WB RAMP		2	2	2WU	0.289	31										2,250	1,710	50	30		
<b>TOTAL FOR MAP NO. 21</b>									0.289										2,250	1,710	50	30		
I-6001	Wake	22	US-64 BUS WB LOOP		3	1		0.181	25											1,050				
<b>TOTAL FOR MAP NO. 22</b>									0.181										1,050					
I-6001	Wake	23	US 64/US 264 EB RAMP		2	1		0.132	29										760	960				
<b>TOTAL FOR MAP NO. 23</b>									0.132									760	960					
<b>TOTAL FOR PROJ NO. I-6001</b>									17.255			34	9	2	10	7	1	1,410	1,090	790	216,850	171,480	16,770	260
<b>GRAND TOTAL</b>									17.255			34	9	2	10	7	1	1,410	1,090	790	216,850	171,480	16,770	260

REVISIONS

8/17/99

 12/3/2025  
 I:\P\6001\I-6001\S00\_PSH.dgn

# SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	4845000000-E						4850000000-E	4860000000-E	4870000000-E	4875000000-N	5255000000-E	4895000000-N		
										PAINT MERGE ARROW	PAINT RT ARROW	PAINT LT STR RT ARROW	PAINT WRONG WAY RAMP ARROW	PAINT STR & LT ARROW	PAINT STR ARROW	4" LINE REMOVAL	8" LINE REMOVAL	24" LINE REMOVAL	REML OF PVMT MRKG SYMBOLS & CHARACTERS	PORTABLE LIGHTING	INLAID CRADLE MARKERS		
										EA	EA	EA	EA	EA	EA	LF	LF	LF	EA	LS	EA		
I-6001	Wake	1	US-64 / US-264	FROM BUS 64 TO NASH COUNTY LINE	1	2	2WD	13.38	144	34						2,501				1	3,560		
TOTAL FOR MAP NO. 1									13.38		34					2,501				1	3,560		
I-6001	Wake	2	US 64/US 264 WB RAMP		2,4	1		0.18	24			2	2	2								50	
TOTAL FOR MAP NO. 2									0.18			2	2	2								50	
I-6001	Wake	3	US 64/US 264 EB RAMP		2,4	1		0.135	24							15							
TOTAL FOR MAP NO. 3									0.135						15								
I-6001	Wake	4	US 64/US 264 EB RAMP		2,4	1		0.151	24			1		1		3						20	
TOTAL FOR MAP NO. 4									0.151			1		1	3							20	
I-6001	Wake	5	US 64/US 264 EB RAMP		2	1		0.154	24							17							
TOTAL FOR MAP NO. 5									0.154						17								
I-6001	Wake	6	US 64/US 264 WB RAMP		2	1		0.134	24			1		1		255	132		2			30	
TOTAL FOR MAP NO. 6									0.134			1		1	255	132		2			30		
I-6001	Wake	7	US 64/US 264 WB RAMP		2,4	1		0.187	24							150							
TOTAL FOR MAP NO. 7									0.187						150								
I-6001	Wake	8	US 64/US 264 WB LOOP		3	1		0.096	21				1					27				20	
TOTAL FOR MAP NO. 8									0.096				1				27					20	
I-6001	Wake	9	US 64/US 264 WB RAMP		2,4	1		0.193	24						1					1			
TOTAL FOR MAP NO. 9									0.193						1				1				
I-6001	Wake	10	US 64/US 264 EB RAMP		2,4	1		0.167	24			1		1				53		2		20	
TOTAL FOR MAP NO. 10									0.167			1		1			53		2		20		
I-6001	Wake	11	US 64/US 264 EB RAMP		2,4	1		0.122	24														
TOTAL FOR MAP NO. 11									0.122														
I-6001	Wake	12	US 264 EB RAMP		2	1		0.338	24														
TOTAL FOR MAP NO. 12									0.338														
I-6001	Franklin	13	US 64 WB RAMP		2,4	1		0.168	24			1		1		148	112	45	2			30	
TOTAL FOR MAP NO. 13									0.168			1		1	148	112	45	2			30		
I-6001	Franklin	14	US 64 WB RAMP		2,4	1		0.195	24							130							
TOTAL FOR MAP NO. 14									0.195						130								
I-6001	Franklin	15	US 64 EB RAMP		2	1		0.164	24			1		1		140	102	51	2			30	
TOTAL FOR MAP NO. 15									0.164			1		1	140	102	51	2			30		
I-6001	Franklin	16	US 64 EB RAMP		2,4	1		0.197	24							145							
TOTAL FOR MAP NO. 16									0.197						145								
I-6001	Franklin	17	US 64 WB RAMP		2,4	1		0.142	24			1		1		207	118		2			30	
TOTAL FOR MAP NO. 17									0.142			1		1	207	118		2			30		
I-6001	Franklin	18	US 64 WB RAMP		2,4	1		0.193	24														
TOTAL FOR MAP NO. 18									0.193														
I-6001	Franklin	19	US 64 EB RAMP		2,4	1		0.157	24			1		1		176	106		2			30	
TOTAL FOR MAP NO. 19									0.157			1		1	176	106		2			30		
I-6001	Franklin	20	US 64 EB RAMP		2,4	1		0.2	24														
TOTAL FOR MAP NO. 20									0.2														
I-6001	Wake	21	US 64/US 264 WB RAMP		2	2	2WU	0.289	31							80		48				30	
TOTAL FOR MAP NO. 21									0.289						80		48				30		
I-6001	Wake	22	US-64 BUS WB LOOP		3	1		0.181	25														
TOTAL FOR MAP NO. 22									0.181														
I-6001	Wake	23	US 64/US 264 EB RAMP		2	1		0.132	29													10	
TOTAL FOR MAP NO. 23									0.132														10
TOTAL FOR PROJ NO. I-6001									17.255			34	9	2	10	7	1	3,967	570	224	13	1	3,860
GRAND TOTAL									17.255			34	9	2	10	7	1	3,967	570	224	13	1	3,860

8/17/99  
 12/3/2025  
 I:\Projects\I-6001\I-6001-S00\_PSH.dgn

**Legend**

**1EB = Map 1 - East Bound**  
**1WB = Map 1 - West Bound**  
**1M = Map 1 - Median**

**Note:**  
**Locations and Quantities are approximate.**  
**Field verify prior to beginning work.**

REVISIONS

<b>1000 - Clear Existing Shoulder Berm Gutter (LF)</b>					
PayItem #	Map #	Code#	DMS coordinates N	DMS coordinates E	Work Description
2484000000-E	1 EB	1001	35 48 29.06	-78 25 08.55	Curb Cleanout
2484000000-E	1 EB	1002	35 48 29.65	-78 25 06.85	Curb Cleanout
2484000000-E	1 WB	1003	35 52 44.80	-78 13 21.34	Silt Removal
2484000000-E	1 WB	1004	35 52 03.75	-78 14 51.55.	Silt Removal
2484000000-E	1 WB	1005	35 51 52.96	-78 15 27.14	Silt Removal
2484000000-E	1 WB	1006	35 51 41.28	-78 16 05.71	Silt Removal
2484000000-E	1 WB	1007	35 51 03.79	-78 17 10.14	Silt Removal
2484000000-E	1 WB	1008	35 50 11.39	-78 18 08.44	Silt Removal
2484000000-E	1 WB	1009	35 50 07.87	-78 18 14.11	Silt Removal
2484000000-E	1 WB	1010	35 50 03.76	-78 18 50.83	Silt Removal
2484000000-E	1 WB	1011	35 50 04.84	-78 19 16.98	Silt Removal
2484000000-E	1 WB	1012	35 50 07.04	-78 20 09.77	Silt Removal
2484000000-E	1 WB	1013	35 49 29.94	-78 22 29.51	Silt Removal
2484000000-E	1 WB	1014	35 49 00.54	-78 23 58.84	Silt Removal
2484000000-E	1 EB	1015	35 48 59.16	-78 23 58.24	Silt Removal
2484000000-E	1 EB	1016	35 49 28.78	-78 22.29.98	Silt Removal
2484000000-E	1 EB	1017	35 50 05.79	-78 20 11.19	Silt Removal
2484000000-E	1 EB	1018	35 50 03.58	-78 19 16.40	Silt Removal
2484000000-E	1 EB	1019	35 50 02.12	-78 18 50.42	Silt Removal
2484000000-E	1 EB	1020	35 50 07.15	-78 18 11.87	Silt Removal
2484000000-E	1 EB	1021	35 50 11.30	-78 18 05.67	Silt Removal
2484000000-E	1 EB	1022	35 51 02.59	-78 17 08.93	Silt Removal
2484000000-E	1 EB	1023	35 51 39.60	-78 16 06.40	Silt Removal
2484000000-E	1 EB	1024	35 51 51.37	-78 15 27.27	Silt Removal
2484000000-E	1 EB	1025	35 52 02.70	-78 14 49.89	Silt Removal
2484000000-E	1 EB	1026	35 52 22.75	-78 13 54.94	Silt Removal
2484000000-E	1 EB	1027	35 52 42.82	-78 13 21.53	Silt Removal
2484000000-E	22 Loop		35.804991	-78.425137	Curb Cleanout
2484000000-E	23 Ramp		35.805121	-78.428741	Curb Cleanout

<b>2000 - Concrete Ditch Cleanout (LF)</b>					
PayItem #	Map #	Code#	DMS coordinates N	DMS coordinates E	Work Description
2484000000-E	1 M	2001	35 48 43.85	-78 24 36.37	Cleanout
2484000000-E	1 M	2002	35 48 45.87	-78 24 31.60	Cleanout
2484000000-E	1 M	2004	35 48 50.31,	-78 24 21.45	Cleanout
2484000000-E	1 M	2005	35 48 53.43	-78 24 14.07	Cleanout
2484000000-E	1 M	2006	35 48 55.24	-78 24 09.89	Cleanout
2484000000-E	1 M	2007	35 48 56.91	-78 24 05.80	Cleanout
2484000000-E	1 M	2008	35 48 58.57	-78 24 01.51	Cleanout
2484000000-E	1 M	2009	35 49 00.49	-78 23 57.42	Cleanout
2484000000-E	1 M	2010	35 49 15.73	-78 23 22.00	Cleanout
2484000000-E	1 M	2011	35 49 18.30	-78 23 15.15	Repair
2484000000-E	1 M	2012	35 49 38.90	-78 21 45.80	Cleanout
2484000000-E	1 M	2013	35 49 43.34	-78 21 32.89	Cleanout
2484000000-E	1 M	2014	35 49 46.52	-78 21 26.15	Cleanout
2484000000-E	1 M	2015	35 49 48.97	-78 21 20.24	Cleanout
2484000000-E	1 M	2016	35 50 03.16	-78 20 48.32	Repair
2484000000-E	1 M	2017	35 50 05.12	-78 20 42.47	Cleanout
2484000000-E	1 M	2018	35 50 07.00	-78 20 30.42	Cleanout
2484000000-E	1 M	2019	35 50 06.50	-78 20 13.90	Cleanout
2484000000-E	1 M	2020	35 50 05.92	-78 20 00.34	Cleanout
2484000000-E	1 M	2021	35 50 05.68	-78 19 55.68	Cleanout
2484000000-E	1 M	2022	35 50 04.42	-78 19 29.37	Repair
2484000000-E	1 M	2023	35 50 03.27	-78 19 01.71	Cleanout
2484000000-E	1 M	2024	35 50 10.83	-78 18 07.80	Cleanout
2484000000-E	1 M	2025	35 50 15.58	-78 18 02.51	Cleanout
2484000000-E	1 M	2026	35 50 18.89	-78 17 58.58	Cleanout
2484000000-E	1 M	2027	35 50 23.97	-78 17 52.78	Cleanout
2484000000-E	1 M	2028	35 50 43.99	-78 17 30.06	Cleanout
2484000000-E	1 M	2029	35 50 49.85	-78 17 23.90	Cleanout
2484000000-E	1 M	2030	35 50 54.80	-78 17 18.55	Cleanout
2484000000-E	1 M	2031	35 50 58.04	-78 17 15.01	Cleanout
2484000000-E	1 M	2032	35 51 08.02	-78 17 04.69	Cleanout
2484000000-E	1 M	2033	35 51 10.77	-78 17 01.42	Cleanout
2484000000-E	1 M	2034	35 51 39.66	-78 16 08.23	Cleanout

**Legend**

**1EB = Map 1 - East Bound**  
**1WB = Map 1 - West Bound**  
**1M = Map 1 - Median**

**Note:**  
**Locations and Quantities are approximate.**  
**Field verify prior to beginning work.**

**2000 - Concrete Ditch Cleanout (LF)**

PayItem #	Map #	Code#	DMS coordinates N	DMS coordinates E	Work Description
2484000000-E	1 M	2035	35 51 40.95	-78 16 03.98	Cleanout
2484000000-E	1 WB	2038	35 52 45.53	-78 13 20.48	Repair
2484000000-E	1 WB	2039	35 51 57.38	-78 15 12.35	Cleanout
2484000000-E	1 WB	2040	35 51 55.42	-78 15 18.82	Cleanout
2484000000-E	1 WB	2041	35 51 41.71	-78 16 04.15	Cleanout
2484000000-E	1 WB	2042	35 51 15.70	-78 16 57.65	Cleanout
2484000000-E	1 WB	2043	35 51 07.92	-78 17 05.84	Cleanout
2484000000-E	1 WB	2044	35 50 58.82	-78 17 15.54	Cleanout
2484000000-E	1 WB	2045	35 50 50.43	-78 17 24.43	Cleanout
2484000000-E	1 WB	2046	35 50 46.50	-78 17 28.70	Cleanout
2484000000-E	1 WB	2047	35 50 16.08	-78 18 03.28	Cleanout
2484000000-E	1 WB	2048	35 50 10.01	-78 18 10.40	Cleanout
2484000000-E	1 WB	2049	35 50 06.37	-78 18 17.12	Cleanout
2484000000-E	1 WB	2050	35 50 04.90	-78 18 21.34	Cleanout
2484000000-E	1 WB	2051	35 50 03.93	-78 18 26.24	Cleanout
2484000000-E	1 WB	2052	35 50 02.96	-78 18 36.99	Cleanout
2484000000-E	1 WB	2053	35 50 03.68	-78 18 47.25	Cleanout
2484000000-E	1 WB	2054	35 50 04.35	-78 19 08.11	Cleanout
2484000000-E	1 WB	2055	35 50 04.87	-78 19 20.53	Cleanout
2484000000-E	1 WB	2057	35 50 07.25	-78 20 13.50	Cleanout
2484000000-E	1 WB	2058	35 50 07.48	-78 20 19.68	Cleanout
2484000000-E	1 WB	2059	35 50 07.66	-78 20 31.07	Cleanout
2484000000-E	1 WB	2060	35 49 58.92	-78 21 00.02	Cleanout
2484000000-E	1 WB	2061	35 49 56.80	-78 21 04.69	Cleanout
2484000000-E	1 WB	2062	35 52 06.92	-78 14 40.97	Cleanout
2484000000-E	1 WB	2063	35 51 20.55	-78 16 52.44	Cleanout
2484000000-E	1 WB	2064	35 51 11.38	-78 17 02.47	Cleanout
2484000000-E	1 WB	2065	35 50 55.49	-078 17 19.23	Cleanout
2484000000-E	1 WB	2066	35 50 22.72	-78 17 55.77	Cleanout
2484000000-E	1 WB	2067	35 50 06.44	-78 19 54.06	Cleanout
2484000000-E	1 WB	2068	35 49 41.09	-78 21 41.28	Cleanout
2484000000-E	1 WB	2069	35 49 35.16	-78 22 02.89	Cleanout
2484000000-E	1 WB	2071	35 49 26.49	-78 22 48.83	Cleanout

**2000 - Concrete Ditch Cleanout (LF)**

PayItem #	Map #	Code#	DMS coordinates N	DMS coordinates E	Work Description
2484000000-E	1 WB	2072	35 49 09.27	-78 23 38.89	Cleanout
2484000000-E	1 WB	2073	35 49 01.48	-78 23 57.01	Cleanout
2484000000-E	1 EB	2074	35 48 43.31	-78 24 35.45	Cleanout
2484000000-E	1 EB	2075	35 49 07.84	-78 23 38.19	Cleanout
2484000000-E	1 EB	2076	35 49 30.83	-78 22 15.22	Cleanout
2484000000-E	1 EB	2077	35 49 34.33	-78 21 58.54	Cleanout
2484000000-E	1 EB	2078	35 49 40.17	-78 21 39.13	Cleanout
2484000000-E	1 EB	2079	35 49 50.57	-78 21 14.29	Cleanout
2484000000-E	1 EB	2080	35 50 05.57	-78 20 06.64	Cleanout
2484000000-E	1 EB	2081	35 50 07.81	-78 18 10.53	Cleanout
2484000000-E	1 EB	2082	35 50 18.10	-78 17 57.99	Cleanout
2484000000-E	1 EB	2083	35 50 27.84	-78 17 46.81	Cleanout
2484000000-E	1 EB	2084	35 51 02.29	-78 17 09.40	Cleanout
2484000000-E	1 EB	2085	35 51 49.09	-78 15 34.17	Repair456
2484000000-E	1 EB	2086	35 52 15.89	-78 14 08.94	Cleanout
2484000000-E	13	2087	35 51 45.23	-78 15 55.48	Cleanout
2484000000-E	1 WB	2089	35 48 58.96	-78 24 00.62	Cleanout
2484000000-E	1 WB	2090	35 48 57.66	-78 24 05.72	Cleanout
2484000000-E	1 WB	2091	35 48 55.70	-78 24 10.31	Cleanout
2484000000-E	1 EB	2093	35 48 52.30	-78 24 14.38	Cleanout
2484000000-E	1 EB	2094	35 48 54.59	-78 24 09.29	Cleanout
2484000000-E	1 EB	2095	35 48 57.98	-78 24 01.59	Cleanout
2484000000-E	1 EB	2096	35 48 59.91	-78 23 57.02	Cleanout
2484000000-E	1 EB	2097	35 49 14.38	-78 23 22.80	Cleanout
2484000000-E	1 EB	2098	35 49 19.30	-78 23 10.11	Cleanout
2484000000-E	1 EB	2099	35 49 28.05	-78 22 31.52	Cleanout
2484000000-E	1 EB	2100	35 49 29.13	-78 22 26.56	Cleanout
2484000000-E	1 EB	2101	35 49 31.41	-78 22 11.11	Cleanout
2484000000-E	1 EB	2102	35 49 52.54	-78 21 10.18	Repair
2484000000-E	1 EB	2103	35 49 55.24	-78 21 04.17	Cleanout, Repair
2484000000-E	1 EB	2104	35 50 04.44	-78 20 42.11	Repair
2484000000-E	1 EB	2105	35 50 05.76	-78 20 35.55	Cleanout
2484000000-E	1 EB	2106	35 50 06.06	-78 20 19.51	Cleanout, Repair

REVISIONS

8/17/99

**Legend**

**1EB = Map 1 - East Bound**  
**1WB = Map 1 - West Bound**  
**1M = Map 1 - Median**

**Note:**  
**Locations and Quantities are approximate.**  
**Field verify prior to beginning work.**

**2000 - Concrete Ditch Cleanout (LF)**

PayItem #	Map #	Code#	DMS coordinates N	DMS coordinates E	Work Description
2484000000-E	1 EB	2107	35 50 05.79	-78 20 13.73	Cleanout
2484000000-E	10	2108	35 50 02.55	-78 19 23.97	Cleanout
2484000000-E	1 EB	2109	35 50 03.52	-78 19 24.20	Cleanout
2484000000-E	1 EB	2110	35 50 02.77	-78 19 08.69	Cleanout
2484000000-E	1 EB	2111	35 50 03.34	-78 18 21.12	Cleanout
2484000000-E	1 EB	2112	35 50 05.06	-78 18 16.24	Cleanout
2484000000-E	1 EB	2113	35 50 09.25	-78 18 08.54	Cleanout
2484000000-E	1 EB	2114	35 50 57.75	-78 17 14.18	Cleanout
2484000000-E	1 EB	2115	35 51 06.82	-78 17 04.35	Cleanout
2484000000-E	1 EB	2116	35 51 10.20	-78 17 00.76	Cleanout
2484000000-E	1 EB	2117	35 51 14.58	-78 16 56.22	Cleanout
2484000000-E	1 EB	2118	35 51 29.73	-78 16 35.12	Cleanout
2484000000-E	1 EB	2119	35 51 36.11	-78 16 17.13	Cleanout
2484000000-E	1 EB	2120	35 51 38.49	-78 16 09.21	Cleanout
2484000000-E	1 EB	2121	35 51 40.03	-78 16 04.93	Cleanout
2484000000-E	1 EB	2122	35 51 41.73	-78 15 58.51	Cleanout
2484000000-E	1 EB	2125	35 52 23.37	-78 13 53.70	Cleanout
2484000000-E	12	2128	35 50 03.80	-78 18 15.73	Cleanout
2484000000-E	12	2129	35 50 04.28	-78 18 10.57	Cleanout
2484000000-E	20	2130	35 52 44.77	-78 13 14.56	Cleanout
2484000000-E	20	2131	35 52 45.25	-78 13 14.93	Cleanout

**3000 - Drainage Structure Cleanout (EA)**

PayItem #	Map #	Code#	DMS coordinates N	DMS coordinates E	Work Description
2472000000-N	1 M	3001	35 48 43.85	-78 24 36.37	Cleanout
2472000000-N	1 M	3002	35 48 45.87	-78 24 31.60	Cleanout
2472000000-N	1 M	3004	35 49 43.34	-78 21 32.87	Cleanout
2472000000-N	1 M	3005	35 50 06.50	-78 20 13.90	Cleanout
2472000000-N	1 M	3006	35 50 04.42	-78 19 29.37	Cleanout
2472000000-N	1 M	3007	35 52 30.94	-78 13 42.44	Cleanout
2472000000-N	1 M	3008	35 52 44.67	-78 13 19.95	Cleanout
2472000000-N	1 WB	3009	35 52 45.53	-78 13 20.48	Cleanout
2472000000-N	1 WB	3010	35 51 15.70	-78 16 57.65	Cleanout
2472000000-N	1 WB	3011	35 51 08.21	-78 17 05.84	Cleanout
2472000000-N	1 WB	3012	35 50 58.82	-78 17 15.54	Cleanout
2472000000-N	1 WB	3013	35 50 05.86	-78 19 33.48	Cleanout
2472000000-N	1 EB	3014	35 48 36.73	-78 24 50.71	Cleanout
2472000000-N	1 EB	3015	35 50 02.77	-78 19 08.69	Cleanout
2472000000-N	1 EB	3016	35 51 56.16	-78 15 11.72	Cleanout
2472000000-N	1 EB	3017	35 52 13.87	-78 14 14.49	Cleanout
2472000000-N	1 EB	3018	35 52 34.53	-78 13 34.89	Cleanout
2472000000-N	1 EB	3019	35 52 47.49	-78 13 13.88	Cleanout
2472000000-N	20	3020	35 52 45.25	-78 13 14.93	Cleanout
2472000000-N	23		35.833983	-78.316797	Cleanout

REVISIONS

8/17/99



**Legend**

**1EB = Map 1 - East Bound**  
**1WB = Map 1 - West Bound**  
**1M = Map 1 - Median**

**Note:**  
**Locations and Quantities are approximate.**  
**Field verify prior to beginning work.**

REVISIONS

**5000 - Shoulder Drain Cleanout (LF)**

PayItem #	Map #	Code#	DMS coordinates N	DMS coordinates E	Work Description
2484000000-E	1 M	5001	35 48 46.69	-78 24 29.81	Cleanout
2484000000-E	1 M	5002	35 48 47.33	-78 24 28.24	Cleanout
2484000000-E	1 M	5003	35 48 50.81	-78 24 19.64	Cleanout, Repair
2484000000-E	1 M	5004	35 48 54.62	-78 24 11.16	Cleanout
2484000000-E	1 M	5005	35 49 03.33	-78 23 50.51	Cleanout
2484000000-E	1 M	5006	35 49 23.00	-78 23 00.48	Cleanout
2484000000-E	1 M	5007	35 49 23.19	-78 22 58.08	Cleanout
2484000000-E	1 M	5008	35 49 24.59	-78 22 53.41	Cleanout
2484000000-E	1 M	5009	35 49 24.95	-78 22 52.44	Cleanout
2484000000-E	1 M	5010	35 49 26.11	-78 22 45.80	Cleanout
2484000000-E	1 M	5011	35 49 32.23	-78 22 14.20	Cleanout
2484000000-E	1 M	5012	35 49 33.00	-78 22 09.28	Cleanout
2484000000-E	1 M	5013	35 49 33.93	-78 22 04.62	Cleanout
2484000000-E	1 M	5014	35 49 34.99	-78 22 00.39	Cleanout
2484000000-E	1 M	5015	35 49 36.21	-78 21 54.71	Cleanout
2484000000-E	1 M	5016	35 49 39.00	-78 21 44.46	Cleanout
2484000000-E	1 M	5017	35 49 39.11	-78 21 44.16	Cleanout
2484000000-E	1 M	5018	35 49 41.34	-78 21 38.61	Cleanout
2484000000-E	1 M	5019	35 49 43.42	-78 21 32.60	Cleanout
2484000000-E	1 M	5020	35 49 43.52	-78 21 32.68	Cleanout
2484000000-E	1 M	5021	35 49 54.39	-78 21 08.20	Cleanout
2484000000-E	1 M	5022	35 49 54.39	-78 21 07.90	Cleanout
2484000000-E	1 M	5023	35 49 56.82	-78 21 03.31	Cleanout
2484000000-E	1 M	5024	35 49 57.07	-78 21 01.67	Cleanout, Repair
2484000000-E	1 M	5025	35 49 59.32	-78 20 56.52	Cleanout
2484000000-E	1 M	5026	35 50 01.74	-78 20 51.32	Cleanout
2484000000-E	1 M	5027	35 50 03.90	-78 20 46.08	Cleanout
2484000000-E	1 M	5028	35 50 05.66	-78 20 40.14	Cleanout, Repair
2484000000-E	1 M	5029	35 50 06.37	-78 20 08.44	Cleanout
2484000000-E	1 M	5030	35 50 05.18	-78 19 43.74	Cleanout
2484000000-E	1 M	5031	35 50 03.96	-78 19 14.36	Cleanout
2484000000-E	1 M	5032	35 50 02.45	-78 18 45.12	Cleanout
2484000000-E	1 M	5033	35 50 03.52	-78 18 23.80	Cleanout

**5000 - Shoulder Drain Cleanout (LF)**

PayItem #	Map #	Code#	DMS coordinates N	DMS coordinates E	Work Description
2484000000-E	1 M	5034	35 50 29.57	-78 17 46.85	Cleanout
2484000000-E	1 M	5035	35 50 38.10	-78 17 36.75	Cleanout
2484000000-E	1 M	5036	35 50 39.96	-78 17 34.44	Cleanout
2484000000-E	1 M	5037	35 50 43.19	-78 17 30.85	Cleanout
2484000000-E	1 M	5038	35 50 44.94	-78 17 29.22	Cleanout
2484000000-E	1 M	5039	35 50 46.91	-78 17 26.90	Cleanout
2484000000-E	1 M	5040	35 50 48.90	-78 17 24.88	Cleanout
2484000000-E	1 M	5041	35 51 27.07	-78 16 42.27	Cleanout, Repair
2484000000-E	1 M	5042	35 51 35.48	-78 16 22.08	Cleanout
2484000000-E	1 M	5043	35 51 36.27	-78 16 19.64	Cleanout
2484000000-E	1 M	5044	35 51 37.47	-78 16 16.03	Cleanout
2484000000-E	1 M	5045	35 51 39.50	-78 16 08.52	Cleanout
2484000000-E	1 M	5046	35 51 45.05	-78 15 50.12	Cleanout
2484000000-E	1 M	5047	35 51 47.33	-78 15 42.83	Cleanout
2484000000-E	1 M	5048	35 51 50.84	-78 15 31.52	Cleanout
2484000000-E	1 M	5049	35 51 51.51	-78 15 29.29	Cleanout
2484000000-E	1 M	5050	35 51 59.85	-78 15 01.99	Cleanout
2484000000-E	1 M	5051	35 52 00.97	-78 14 57.41	Cleanout
2484000000-E	1 M	5053	35 52 01.85	-78 14 55.62	Cleanout
2484000000-E	1 M	5054	35 52 04.20	-78 14 45.87	Cleanout
2484000000-E	1 M	5055	35 52 04.58	-78 14 45.98	Cleanout
2484000000-E	1 M	5056	35 52 08.19	-78 14 34.49	Cleanout
2484000000-E	1 M	5057	35 52 08.24	-78 14 34.29	Cleanout
2484000000-E	1 M	5058	35 52 17.69	-78 14 07.42	Cleanout
2484000000-E	1 M	5059	35 52 19.53	-78 14 03.06	Cleanout
2484000000-E	1 M	5060	35 52 19.47	-78 14 02.93	Cleanout
2484000000-E	1 M	5061	35 52 21.92	-78 13 58.38	Cleanout
2484000000-E	1 M	5062	35 52 21.70	-78 13 58.23	Cleanout
2484000000-E	1 M	5063	35 52 39.68	-78 13 28.12	Cleanout
2484000000-E	1 M	5064	35 52 42.29	-78 13 23.26	Cleanout
2484000000-E	1 M	5065	35 52 42.74	-78 13 23.14	Cleanout
2484000000-E	1 M	5066	35 52 47.48	-78 13 15.61	Cleanout
2484000000-E	1 M	5067	35 52 51.29	-78 13 08.76	Cleanout

**Legend**

**1EB = Map 1 - East Bound**  
**1WB = Map 1 - West Bound**  
**1M = Map 1 - Median**

**Note:**  
**Locations and Quantities are approximate.**  
**Field verify prior to beginning work.**

**5000 - Shoulder Drain Cleanout (LF)**

PayItem #	Map #	Code#	DMS coordinates N	DMS coordinates E	Work Description
2484000000-E	1 WB	5068	35 52 17.60	-78 14 09.10	Cleanout
2484000000-E	1 WB	5069	35 51 18.03	-78 16 54.97	Cleanout
2484000000-E	1 WB	5070	35 51 09.88	-78 17 03.78	Cleanout
2484000000-E	1 WB	5071	35 50 31.52	-78 17 45.70	Cleanout
2484000000-E	1 WB	5072	35 50 28.12	-78 17 49.71	Cleanout
2484000000-E	1 WB	5073	35 50 24.17	-78 17 53.70	Cleanout
2484000000-E	1 WB	5074	35 50 20.88	-78 17 57.55	Cleanout
2484000000-E	1 WB	5075	35 50 13.27	-78 18 06.55	Cleanout
2484000000-E	1 WB	5076	35 50 03.91	-78 18 53.09	Cleanout
2484000000-E	1 WB	5077	35 50 04.38	-78 19 04.88	Cleanout
2484000000-E	1 WB	5078	35 50 05.16	-78 19 26.42	Cleanout
2484000000-E	1 WB	5079	35 50 06.17	-78 19 52.90	Cleanout
2484000000-E	1 WB	5080	35 50 06.67	-78 19 59.43	Cleanout
2484000000-E	1 WB	5081	35 50 05.72	-78 20 43.18	Cleanout
2484000000-E	1 WB	5082	35 50 01.86	-78 20 53.14	Cleanout
2484000000-E	1 WB	5083	35 49 46.57	-78 21 27.55	Cleanout
2484000000-E	1 WB	5084	35 49 46.44	-78 21 27.84	Cleanout
2484000000-E	1 WB	5085	35 49 42.24	-78 21 38.01	Cleanout
2484000000-E	1 WB	5086	35 49 40.28	-78 21 43.62	Cleanout
2484000000-E	1 WB	5087	35 49 40.01	-78 21 44.44	Cleanout
2484000000-E	1 WB	5088	35 49 36.80	-78 21 54.77	Cleanout
2484000000-E	1 WB	5089	35 49 35.48	-78 22 00.34	Cleanout
2484000000-E	1 WB	5090	35 49 34.38	-78 22 06.28	Cleanout
2484000000-E	1 WB	5091	35 49 33.40	-78 22 11.29	Cleanout
2484000000-E	1 WB	5092	35 49 30.87	-78 22 25.13	Cleanout
2484000000-E	1 WB	5093	35 49 24.50	-78 22 57.37	Cleanout
2484000000-E	1 WB	5094	35 49 22.68	-78 23 04.27	Cleanout
2484000000-E	1 WB	5095	35 49 18.85	-78 23 15.65	Cleanout
2484000000-E	1 WB	5096	35 49 13.09	-78 23 29.78	Cleanout
2484000000-E	1 WB	5097	35 49 10.77	-78 23 35.43	Cleanout
2484000000-E	1 WB	5098	35 49 08.40	-78 23 40.40	Cleanout
2484000000-E	1 WB	5099	35 49 06.28	-78 23 46.80	Cleanout
2484000000-E	1 WB	5100	35 49 03.99	-78 23 51.41	Cleanout

**5000 - Shoulder Drain Cleanout (LF)**

PayItem #	Map #	Code#	DMS coordinates N	DMS coordinates E	Work Description
2484000000-E	1 WB	5101	35 48 56.73	-78 24 07.80	Cleanout
2484000000-E	1 WB	5102	35 48 52.10	-78 24 19.03	Cleanout
2484000000-E	1 WB	5103	35 48 50.15	-78 24 23.89	Cleanout
2484000000-E	1 WB	5104	35 48 45.44	-78 24 34.36	Cleanout
2484000000-E	1 WB	5105	35 48 45.09	-78 24 35.06	Cleanout
2484000000-E	1 EB	5106	35 48 44.16	-78 24 34.26	Cleanout
2484000000-E	1 EB	5107	35 48 47.80	-78 24 25.39	Cleanout
2484000000-E	1 EB	5108	35 48 50.23	-78 24 20.20	Cleanout
2484000000-E	1 EB	5109	35 49 00.84	-78 23 54.77	Cleanout
2484000000-E	1 EB	5110	35 49 04.19	-78 23 47.49	Cleanout
2484000000-E	1 EB	5111	35 49 05.99	-78 23 42.95	Cleanout
2484000000-E	1 EB	5112	35 49 10.38	-78 23 32.15	Cleanout
2484000000-E	1 EB	5113	35 49 12.65	-78 23 26.76	Cleanout
2484000000-E	1 EB	5114	35 49 15.11	-78 23 21.47	Cleanout
2484000000-E	1 EB	5115	35 49 19.49	-78 23 09.36	Cleanout
2484000000-E	1 EB	5116	35 49 19.67	-78 23 08.02	Cleanout
2484000000-E	1 EB	5117	35 49 21.20	-78 23 04.40	Cleanout
2484000000-E	7	5118	35 49 29.83	-78 22 19.09	Cleanout
2484000000-E	1 EB	5119	35 49 31.45	-78 22 12.97	Cleanout
2484000000-E	1 EB	5120	35 49 47.73	-78 21 20.99	Cleanout
2484000000-E	1 EB	5121	35 50 02.08	-78 20 48.93	Cleanout
2484000000-E	1 EB	5122	35 50 06.32	-78 20 24.65	Cleanout
2484000000-E	1 EB	5123	35 50 03.84	-78 19 34.94	Cleanout
2484000000-E	1 EB	5124	35 50 01.89	-78 18 52.06	Cleanout
2484000000-E	1 EB	5125	35 50 31.73	-78 17 42.36	Cleanout
2484000000-E	1 EB	5126	35 50 46.30	-78 17 26.08	Cleanout
2484000000-E	1 M	5127	35 51 01.20	-78 17 11.61	Cleanout
2484000000-E	1 EB	5128	35 51 44.47	-78 15 49.99	Cleanout
2484000000-E	1 EB	5129	35 51 46.84	-78 15 42.92	Cleanout, Repair
2484000000-E	1 EB	5130	35 52 01.29	-78 14 54.83	Cleanout
2484000000-E	1 EB	5131	35 52 05.08	-78 14 42.05	Cleanout
2484000000-E	1 EB	5132	35 52 06.89	-78 14 36.34	Cleanout
2484000000-E	1 EB	5133	35 52 11.96	-78 14 19.45	Cleanout
2484000000-E	1 EB	5134	35 52 21.19	-78 13 58.03	Cleanout
2484000000-E	1 EB	5135	35 52 27.17	-78 13 47.47	Cleanout

REVISIONS

8/17/99

Legend
1EB = Map 1 - East Bound
1WB = Map 1 - West Bound
1M = Map 1 - Median

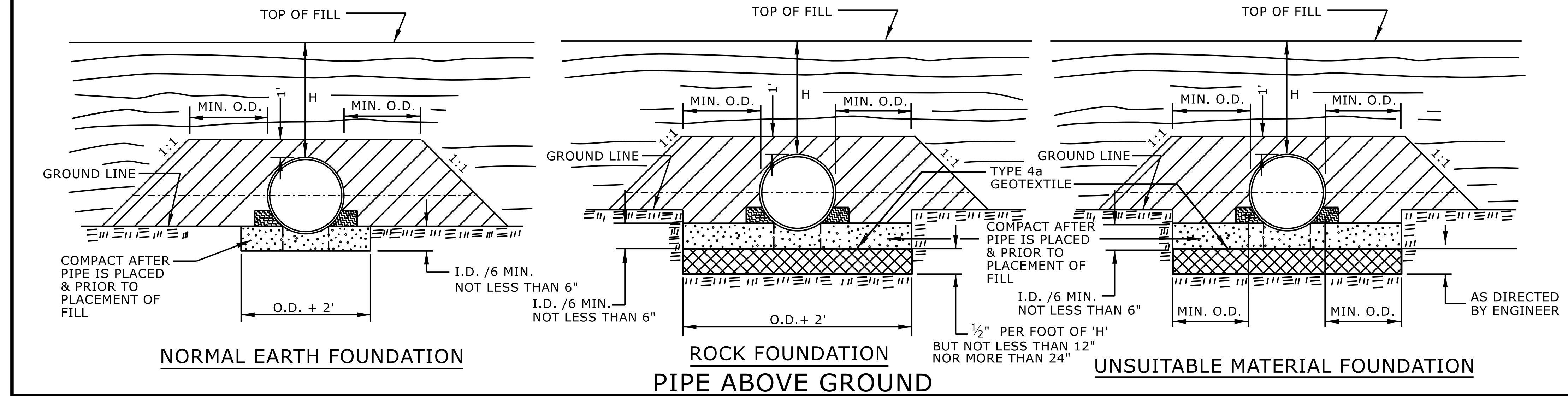
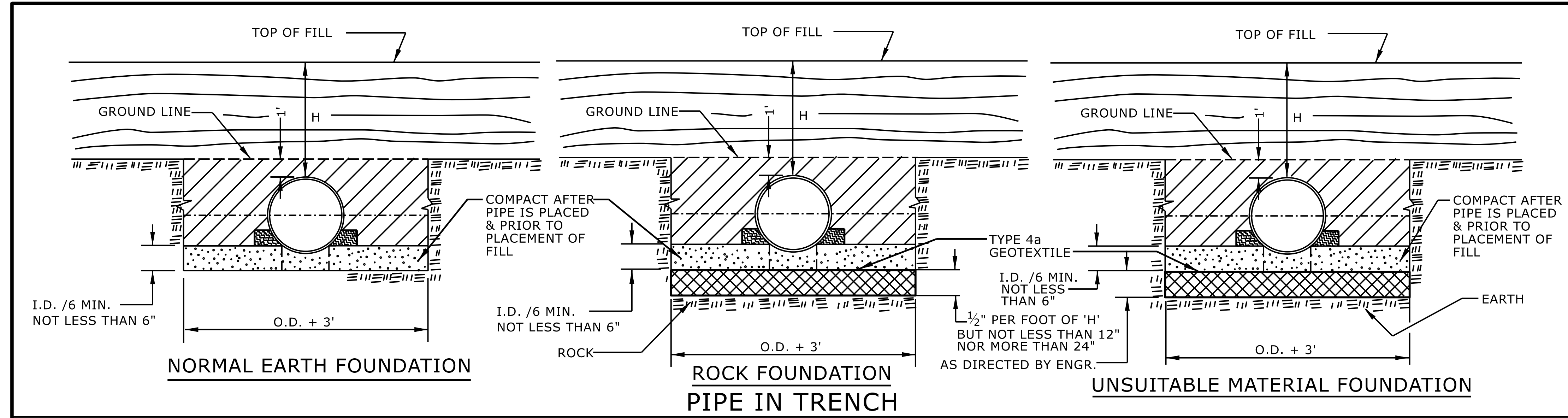
**Note:**  
Locations and Quantities are approximate.  
Field verify prior to beginning work.

6000 - Patching (Tons)					
PayItem #	Map #	Code#	DMS coordinates N	DMS coordinates E	Work Description
1704000000-E	1 EB	6001	35 48 42.79	-78 24 37.59	Patching
1704000000-E	1 EB	6002	35 51 31	78 16 31	Patching



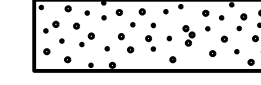
7000 - Ditching (LF)					
PayItem #	Map #	Code#	DMS coordinates N	DMS coordinates E	Work Description
1264000000-E	1 M	7001	35 48 32.64	-78 25 02.58	Repair
1264000000-E	1 M	7002	35 48 41.10	-78 24 42.85	Repair
1264000000-E	1 M	7003	35 48 45.23	-78 24 32.93	Repair
1264000000-E	1 M	7004	35 49 29.58	-78 22 27.53	Repair
1264000000-E	1 M	7005	35 50 03.14	-78 18 24.99	Repair
1264000000-E	1 M	7006	35 50 05.15	-78 18 18.03	Repair
1264000000-E	1 M	7007	35 50 23.43	-78 17 53.33	Repair
1264000000-E	1 M	7008	35 51 42.09	-78 16 00.66	Repair
1264000000-E	1 M	7009	35 52 21.70	-78 13 58.93	Repair
1264000000-E	1 M	7010	35 52 39.37	-78 13 28.78	Repair
1264000000-E	1 WB	7011	35 50 03.40	-78 18 45.27	Repair
1264000000-E	1 WB	7012	35 50 03.55	-78 18 48.69	Repair
1264000000-E	1 EB	7013	35 48 37.04	-78 24 49.91	Repair
1264000000-E	1 EB	7014	35 50 03.37	-78 18 21.20	Repair
1264000000-E	1 EB	7015	35 51 19.94	-78 16 50.34	Repair
1264000000-E	1 EB	7016	35 52 27.11	-78 13 47.11	Repair
1264000000-E	1 EB	7017	35 52 50.16	-78 13 08.81	Repair

REVISIONS

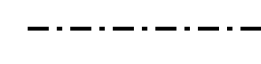
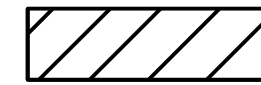
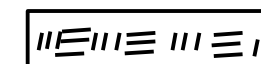

8/17/99



**GENERAL NOTES:**  
 I.D. = THE MAXIMUM HORIZONTAL INSIDE DIAMETER DIMENSION.  
 O.D. = THE MAXIMUM HORIZONTAL OUTSIDE DIAMETER DIMENSION.  
 H = THE FILL HEIGHT MEASURED VERTICALLY AT ANY POINT ALONG THE PIPE FROM THE TOP OF THE PIPE TO THE TOP OF THE EMBANKMENT AT THAT POINT.

 APPROVED SUITABLE LOCAL MATERIAL.  
 TAKE CARE TO FULLY COMPACT HAUNCH ZONE OF PIPE BACKFILL.  
 LOOSELY PLACED SELECT MATERIAL CLASS III OR CLASS II, TYPE 1 FOR PIPE BEDDING. LEAVE SECTION DIRECTLY BENEATH PIPE UNCOMPACTED AS PIPE SEATING AND BACKFILL WILL ACCOMPLISH COMPACTION.

DO NOT OPERATE HEAVY EQUIPMENT OVER ANY PIPE CULVERT UNTIL THE PIPE CULVERT HAS BEEN PROPERLY BACKFILLED AND COVERED WITH AT LEAST 3 FEET OF APPROVED MATERIAL.  
 REFER TO NCDOT PIPE MATERIAL SELECTION GUIDE AND STANDARD SPECIFICATIONS FOR ALLOWABLE PIPE FILL HEIGHTS AND PIPE SPECIFICATIONS.

 SPRINGLINE OF PIPE  
 SELECT BACKFILL MATERIAL CLASS III OR CLASS II, TYPE 1 ABOVE AND BELOW SPRINGLINE.  
 UNDISTURBED EARTH MATERIAL  
 SELECT MATERIAL CLASS V OR VI FOR FOUNDATION CONDITIONING. ENCAPSULATE WITH TYPE IV GEOTEXTILE AS DIRECTED BY THE ENGINEER.

STATE OF NORTH CAROLINA  
DEPT. OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH, N.C.

ROADWAY DETAIL DRAWING FOR  
**METHOD OF PIPE INSTALLATION**  
FLEXIBLE PIPE

SHEET 1 OF 2  
**300.01**

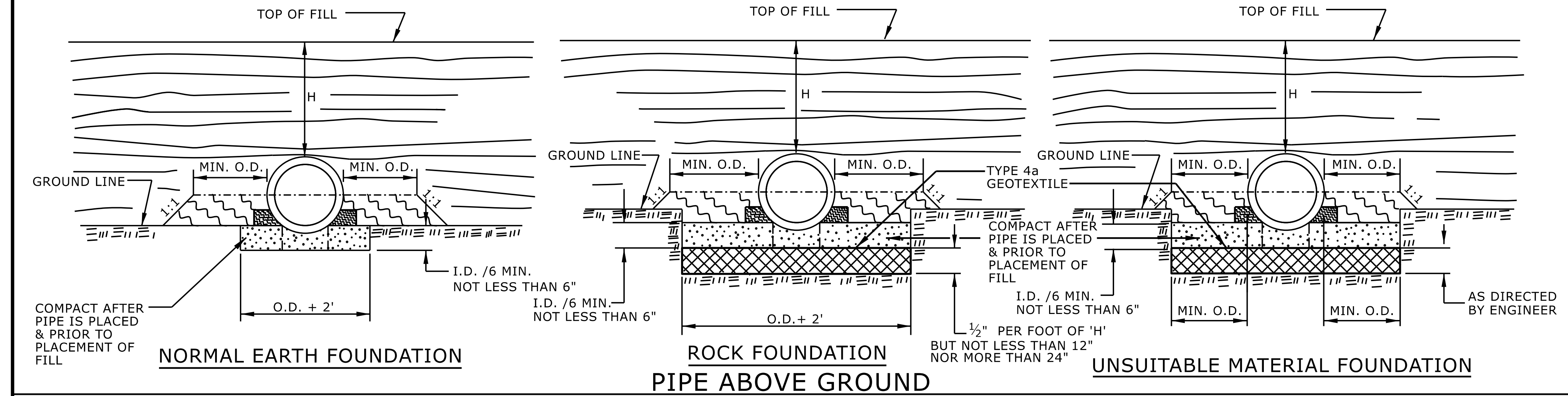
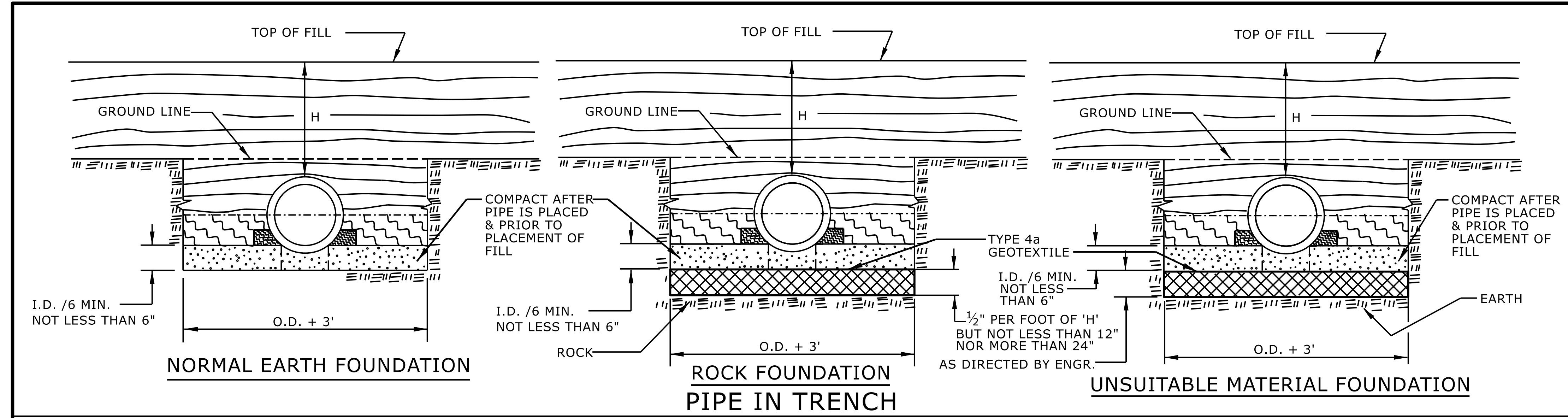


DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED



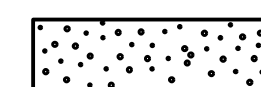
**CONTRACTS STANDARDS AND DEVELOPMENT UNIT**  
Office 919-707-6950 FAX 919-250-4119

**SEE TITLE BLOCK**

ORIGINAL BY: S.CALHOUN DATE: 7-25-2024  
MODIFIED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
CHECKED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
FILE SPEC: \_\_\_\_\_

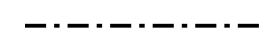

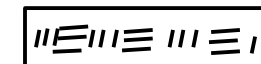



**GENERAL NOTES:**  
 I.D. = THE MAXIMUM HORIZONTAL INSIDE DIAMETER DIMENSION.  
 O.D. = THE MAXIMUM HORIZONTAL OUTSIDE DIAMETER DIMENSION.  
 H = THE FILL HEIGHT MEASURED VERTICALLY AT ANY POINT ALONG THE PIPE FROM THE TOP OF THE PIPE TO THE TOP OF THE EMBANKMENT AT THAT POINT.

-  APPROVED SUITABLE LOCAL MATERIAL.
-  TAKE CARE TO FULLY COMPACT HAUNCH ZONE OF PIPE BACKFILL.
-  LOOSELY PLACED SELECT MATERIAL CLASS III OR CLASS II, TYPE 1 FOR PIPE BEDDING. LEAVE SECTION DIRECTLY BENEATH PIPE UNCOMPACTED AS PIPE SEATING AND BACKFILL WILL ACCOMPLISH COMPACTION.

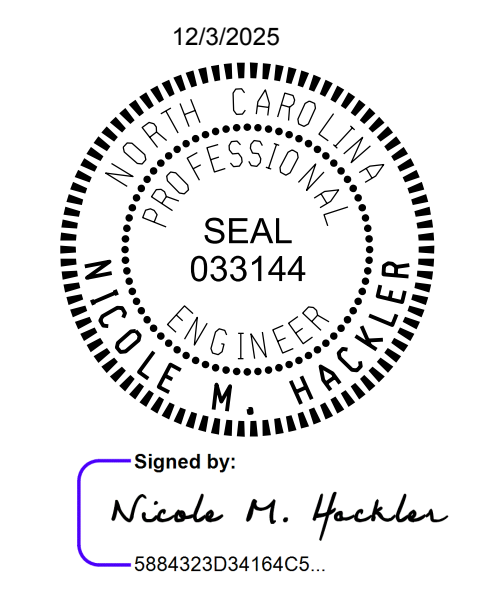
DO NOT OPERATE HEAVY EQUIPMENT OVER ANY PIPE CULVERT UNTIL THE PIPE CULVERT HAS BEEN PROPERLY BACKFILLED AND COVERED WITH AT LEAST 3 FEET OF APPROVED MATERIAL.

REFER TO NCDOT PIPE MATERIAL SELECTION GUIDE AND STANDARD SPECIFICATIONS FOR ALLOWABLE PIPE FILL HEIGHTS AND PIPE SPECIFICATIONS.

-  SPRINGLINE OF PIPE
-  SELECT BACKFILL MATERIAL CLASS III OR CLASS II, BELOW SPRINGLINE.
-  UNDISTURBED EARTH MATERIAL
-  SELECT MATERIAL CLASS V OR VI FOR FOUNDATION CONDITIONING. ENCAPSULATE WITH TYPE IV GEOTEXTILE AS DIRECTED BY THE ENGINEER.

STATE OF NORTH CAROLINA  
 DEPT. OF TRANSPORTATION  
 DIVISION OF HIGHWAYS  
 RALEIGH, N.C.  
 ROADWAY DETAIL DRAWING FOR  
**METHOD OF PIPE INSTALLATION**  
 RIGID PIPE

SHEET 2 OF 2  
**300.01**

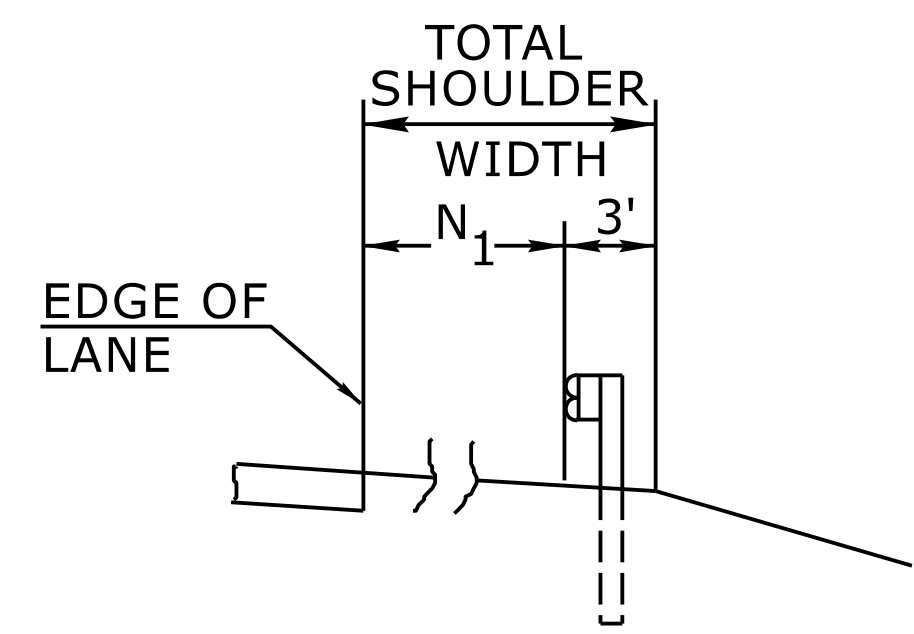


DOCUMENT NOT CONSIDERED FINAL  
 UNLESS ALL SIGNATURES COMPLETED

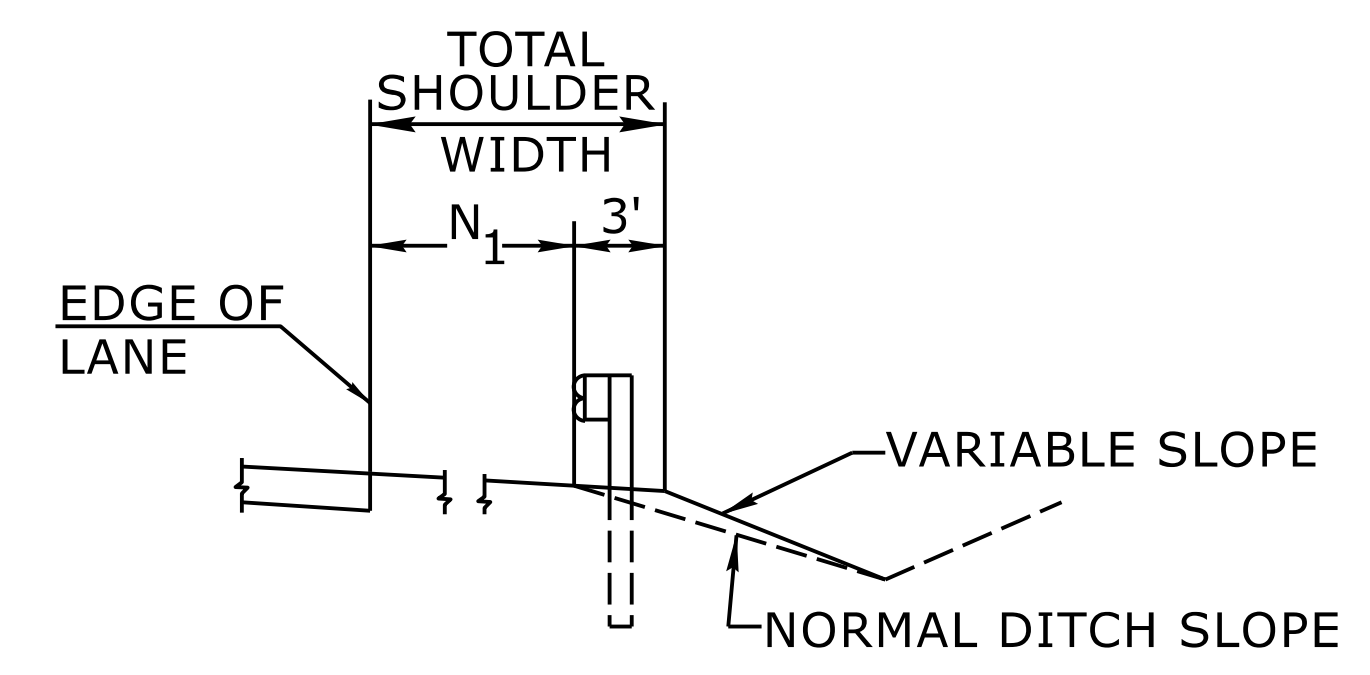
**CONTRACTS STANDARDS AND DEVELOPMENT UNIT**  
 Office 919-707-6950 FAX 919-250-4119

**SEE TITLE BLOCK**

ORIGINAL BY: S.CALHOUN	DATE: 7-25-2024
MODIFIED BY:	DATE:
CHECKED BY:	DATE:
FILE SPEC.:	

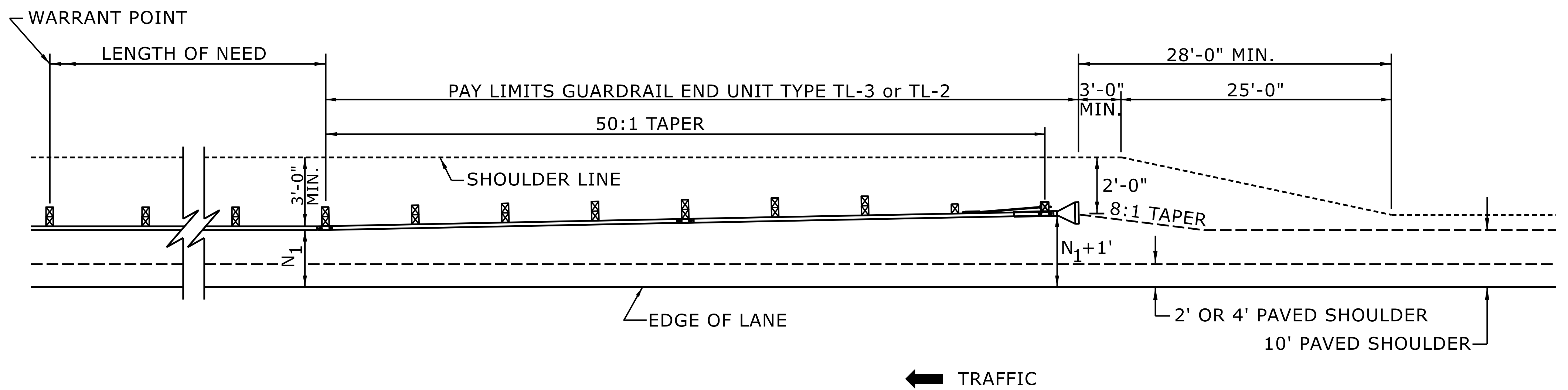


**FILL SECTION**



**CUT SECTION**

"N<sub>1</sub>" = DISTANCE FROM EDGE OF LANE TO FACE OF GUARDRAIL WHERE GUARDRAIL IS PARALLEL TO LANE.



FOR POSTED SPEEDS ≥ 45mph USE GREU TYPE TL-3  
FOR POSTED SPEEDS < 45mph USE GREU TYPE TL-2

**DETAIL OF BEGINNING OF GUARDRAIL IN CUT OR FILL SECTION**

STATE OF  
NORTH CAROLINA  
DEPT. OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH, N.C.

ROADWAY DETAIL DRAWING FOR  
**GUARDRAIL PLACEMENT**

SHEET 6 OF 15  
**862D01**



DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED

**CONTRACTS STANDARDS  
AND DEVELOPMENT UNIT**  
Office 919-707-6950 FAX 919-250-4119

**SEE TITLE BLOCK**

ORIGINAL BY: S.CALHOUN	DATE: 7-25-2024
MODIFIED BY:	DATE:
CHECKED BY:	DATE:
FILE SPEC.:	