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09/08/99

See Sheet 1A For Index of Sheets

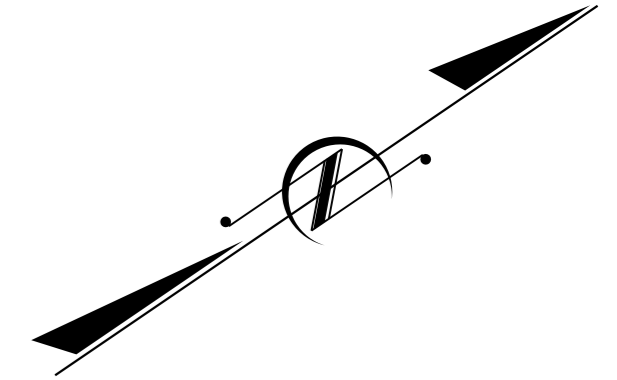
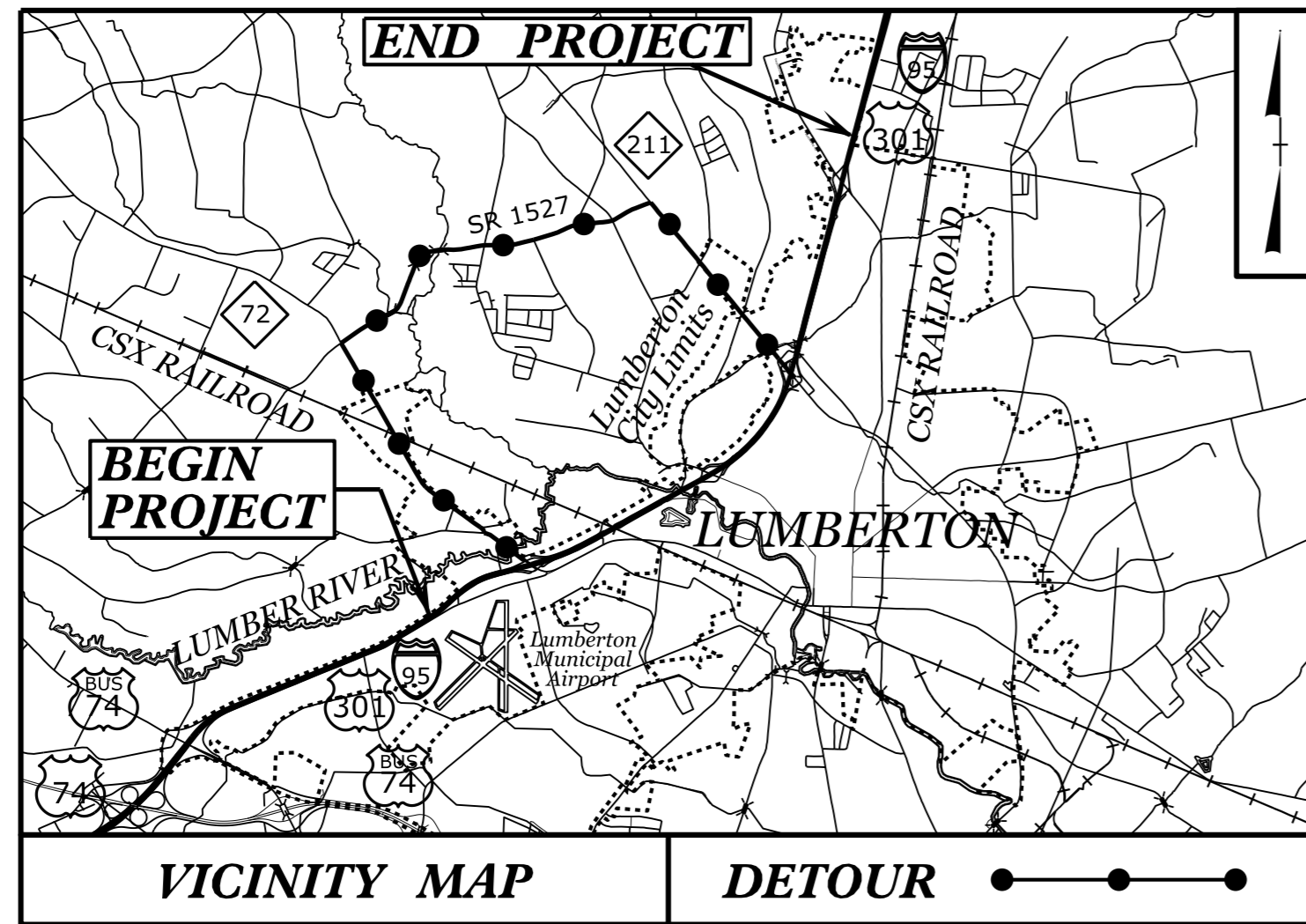
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

ROBESON COUNTY

LOCATION: I-95 FROM MILE MARKER 16 TO MILE MARKER 22

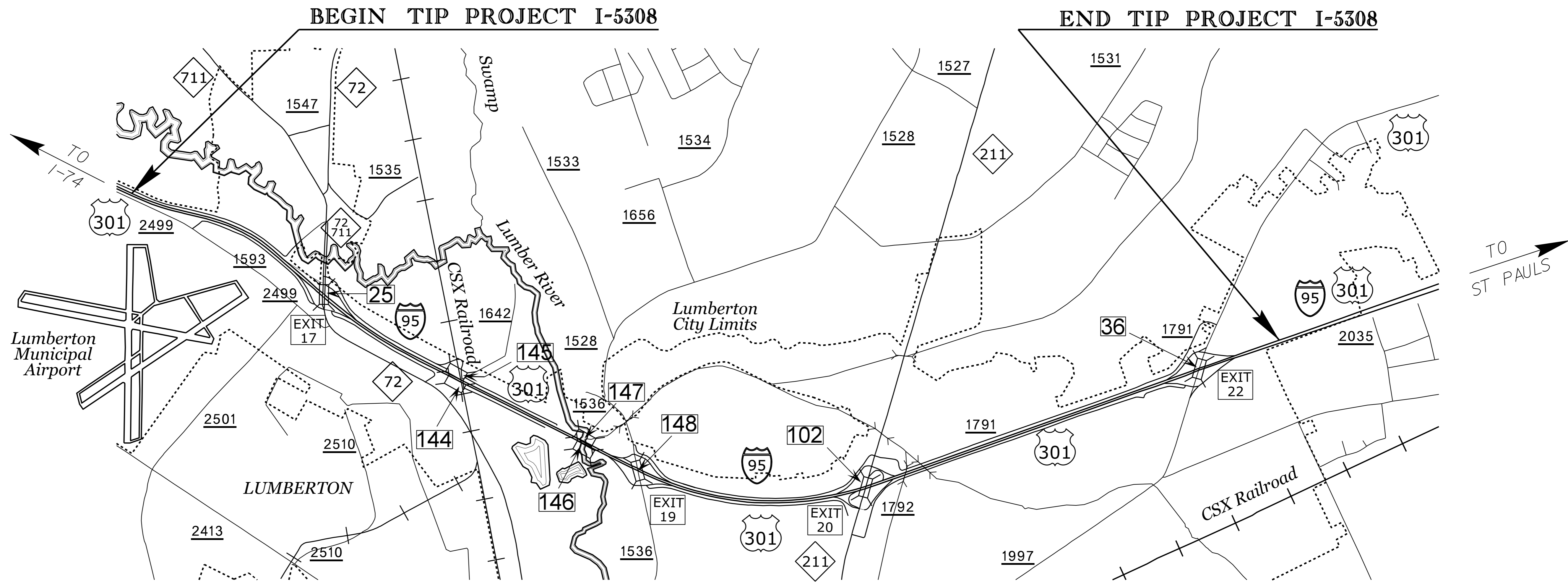
TYPE OF WORK: MILLING, BRIDGE REHABILITATION, RESURFACING,
PAVEMENT MARKINGS AND FENCING

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	I-5308	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
47031.1.FS1	NHPP-095-1(93)16	PE	
47031.3.FS1	NHPP-095-1(93)16	CONST.	

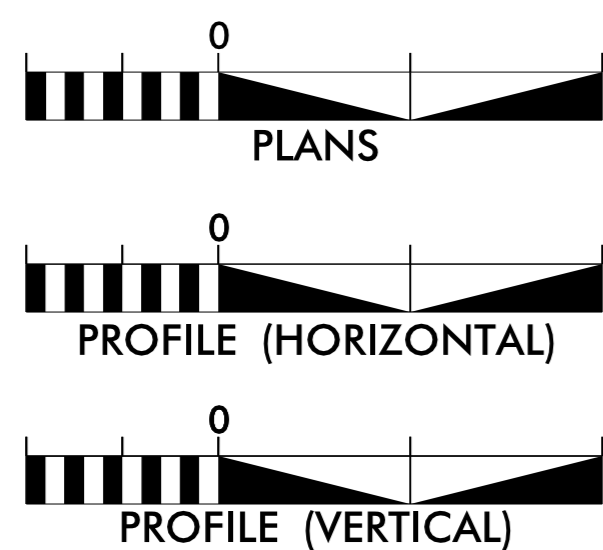


TIP PROJECT: I-5308

CONTRACT: C203549



GRAPHIC SCALES



DESIGN DATA
ADT 2012 = 53,000

PROJECT LENGTH

TOTAL LENGTH OF TIP PROJECT I-5308 = 6.000 MI.

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

2012 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
N/A

LETTING DATE:
MAY 19, 2015

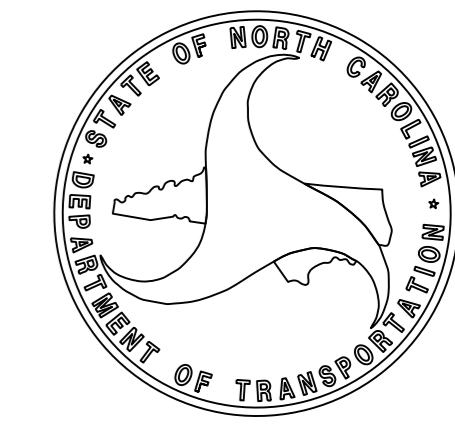
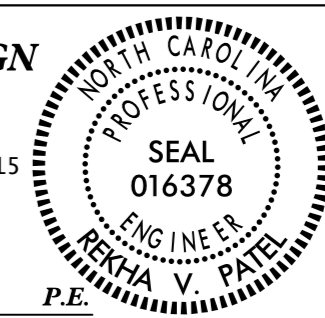
REKHA PATEL, P.E.
PROJECT ENGINEER

SAMUEL ST. CLAIR
PROJECT DESIGN ENGINEER

ROADWAY DESIGN
ENGINEER

4/8/2015

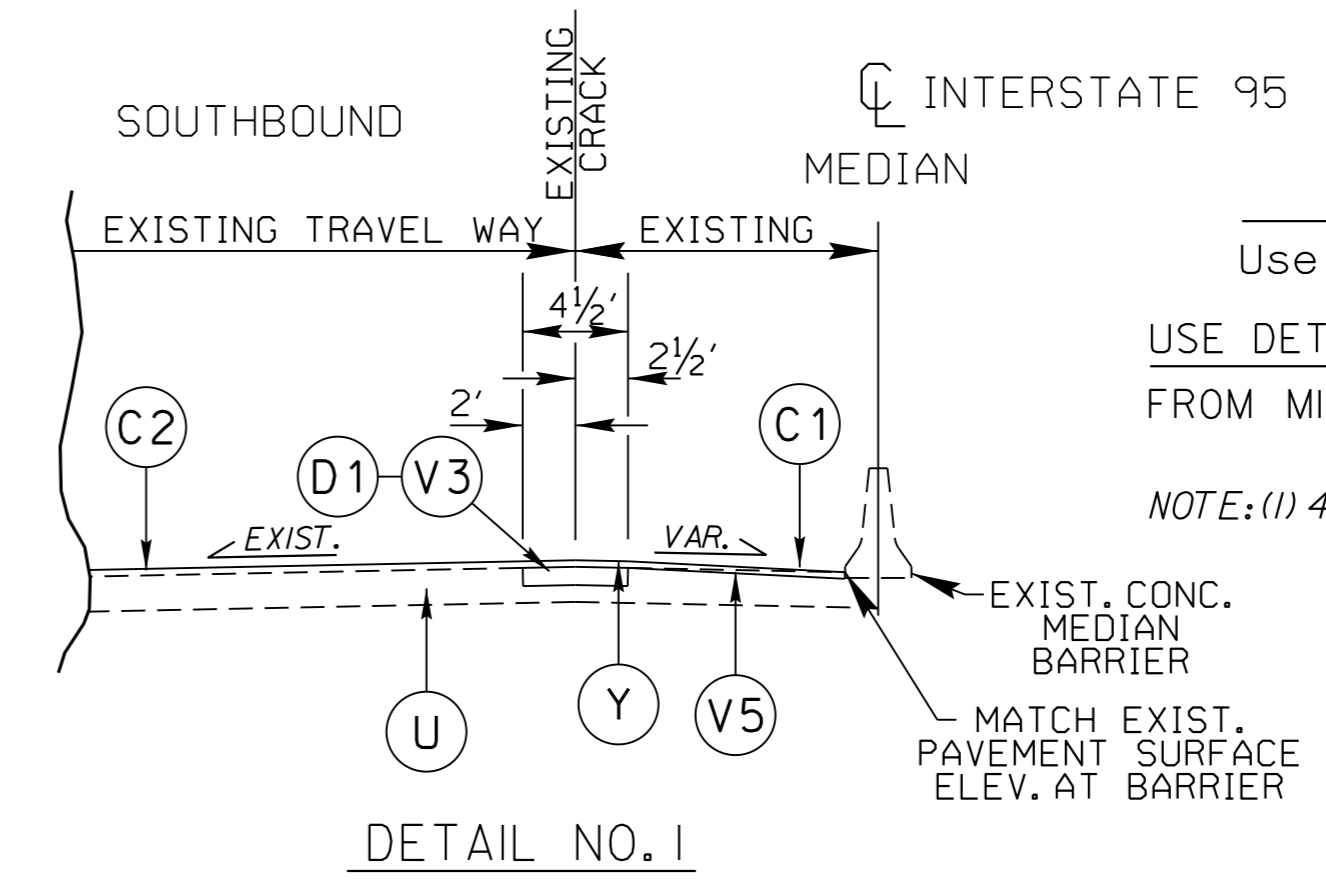
DocuSigned by:
Rekha V. Patel
SIGNATURE



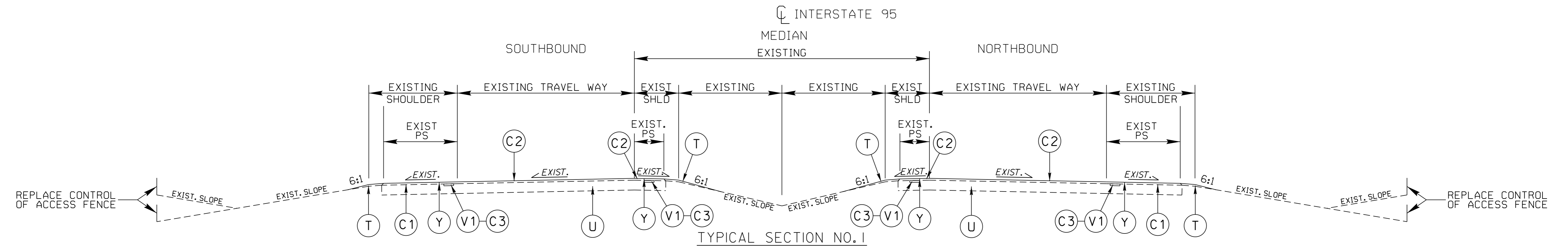
08-APR-2015 11:46
R:\Roadway\Proj\I5308_rdy_tsh.dgn
\$\$\$\$\$USERNAME\$\$\$\$\$

FINAL PAVEMENT SCHEDULE			
C1	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.	V2	1½" MILLED ASPHALT PAVEMENT
C2	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5D, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.	V3	4" MILLED ASPHALT PAVEMENT
C3	PROP. APPROX. ½" ASPHALT CONCRETE SURFACE COURSE, TYPE SA-1, AT AN AVERAGE RATE OF 50 LBS. PER SQ. YD.	V4	VARIABLE 0" TO 1" MILLED ASPHALT PAVEMENT
D1	PROP. APPROX. 4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD.	V5	VARIABLE 0" TO 1½" MILLED ASPHALT PAVEMENT
T	EARTH MATERIAL (SHOULDER RECONSTRUCTION)	V6	VARIABLE 0" TO 1½" MILLED ASPHALT PAVEMENT
U	EXISTING PAVEMENT	Y	PROPOSED MILLED RUMBLE STRIPS
V1	½" MILLED ASPHALT PAVEMENT		

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

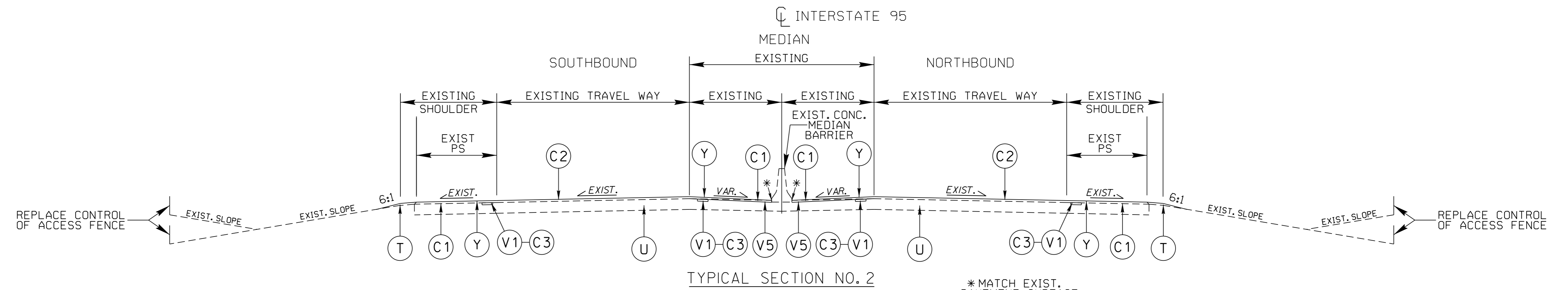


USE DETAIL NO. 1
Use with Typical Section No. 2
USE DETAIL NO. 1 AT THE FOLLOWING LOCATIONS:
FROM MILE MARKER 20 TO MILE MARKER 22
NOTE: (1) 4" MILLING OF INSIDE SOUTHBOUND EDGE OF TRAVEL LANE



USE TYPICAL SECTION NO. 1
FROM MILE MARKER 16 TO SOUTH OF MILE MARKER 17

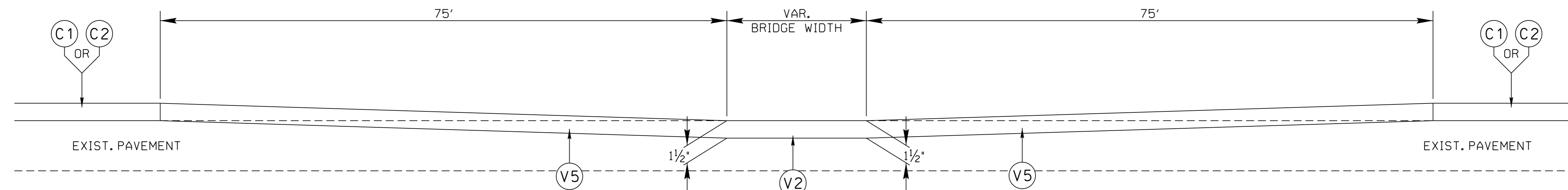
NOTES: (1) MILL THE EXISTING RUMBLE STRIPS AT BOTH INSIDE AND OUTSIDE SHOULDERS IN BOTH DIRECTIONS AND FILL WITH SAND-ASPHALT MIX, TYPE SA-1 (C3)
(2) REMOVE AND REPLACE CONTROL OF ACCESS FENCE WITHIN PROJECT LIMITS INCLUDING RAMPS IN ORIGINAL LOCATION OR AS DIRECTED BY ENGINEER



USE TYPICAL SECTION NO. 2
FROM SOUTH OF MILE MARKER 17 TO MILE MARKER 22

* MATCH EXIST. PAVEMENT SURFACE ELEV. AT BARRIER
NOTES: (1) MILL THE EXISTING RUMBLE STRIPS AT BOTH INSIDE AND OUTSIDE SHOULDERS IN BOTH DIRECTIONS AND FILL WITH SAND-ASPHALT MIX, TYPE SA-1 (C3)
(2) REMOVE AND REPLACE CONTROL OF ACCESS FENCE WITHIN PROJECT LIMITS INCLUDING RAMPS IN ORIGINAL LOCATION OR AS DIRECTED BY ENGINEER

05 JAN 2015 08:15 I-5308_r.dwg - tjp.dgn
 11:50 USER:MMW 0.83 0



DETAIL NO. 2 FOR MILLING UNDER BRIDGES

USE DETAIL NO. 2

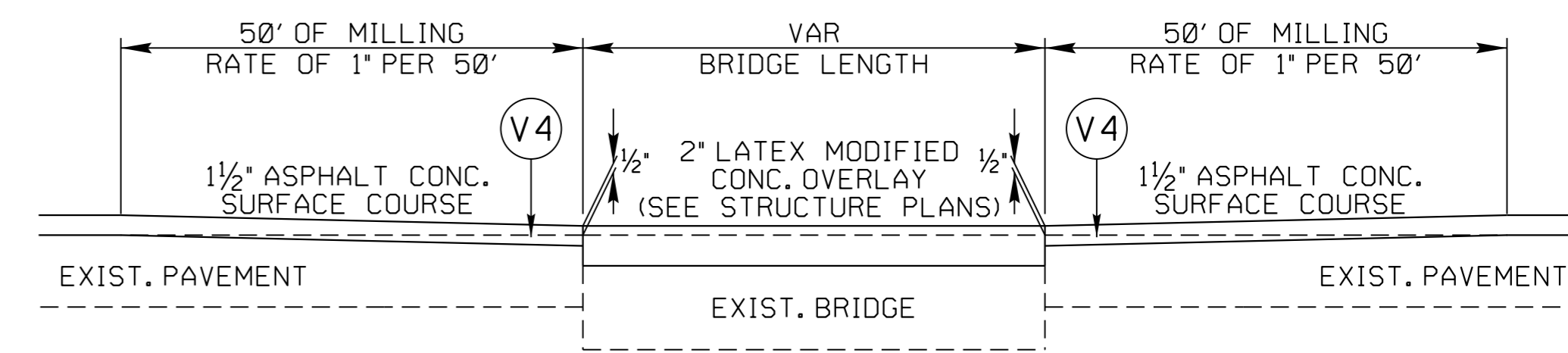
Use with Typical Section No. 2

USE DETAIL NO. 2 AT THE FOLLOWING LOCATIONS:

- BRIDGE NO. 25 ON NC 72 / NC 711 OVER I-95
- BRIDGE NO. 148 ON SR 1536 OVER I-95
- BRIDGE NO. 102 ON NC 211 OVER I-95
- BRIDGE NO. 36 ON US 301 OVER I-95

NOTE: MILL AT A RATE OF 1" PER 50'

PAVEMENT SCHEDULE	
C1	1 1/2" TYPE S9.5C
C2	1 1/2" TYPE S9.5D
V2	1 1/2" MILLED ASPHALT PAVEMENT
V4	VAR. 0" TO 1" MILLED ASPHALT PAVEMENT
V5	VAR. 0" TO 1 1/2" MILLED ASPHALT PAVEMENT
V6	VAR. 0" TO 1 1/8" MILLED ASPHALT PAVEMENT



DETAIL NO. 3 FOR TIE-IN AT BRIDGE

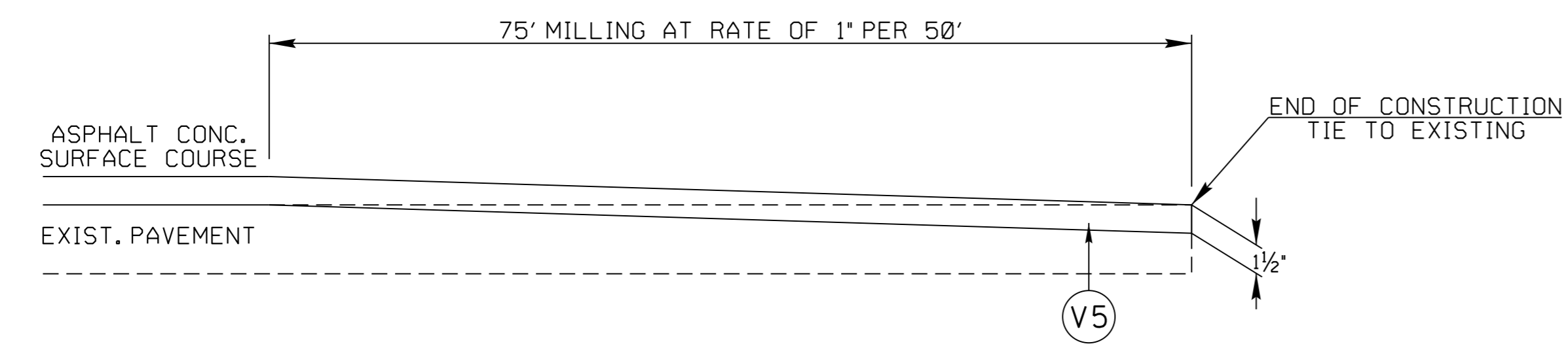
USE DETAIL NO. 3

Use with Typical Section No. 2

USE DETAIL NO. 3 AT THE FOLLOWING LOCATIONS:

- BRIDGE NO. 144 ON I-95 OVER RAILROAD
- BRIDGE NO. 145 ON I-95 OVER RAILROAD
- BRIDGE NO. 146 ON I-95 OVER LUMBER RIVER

NOTE: (1) ASPHALT CONC SURFACE COURSE (AC.S.C.) MAY REQUIRE MODIFICATION TO MATCH FINISHED GRADE. GRADE TO BE DETERMINED IN FIELD. AC.S.C. MAY BE USED TO WEDGE FOR TIE-IN AT APPROACH AS APPROVED BY ENGINEER.



DETAIL NO. 5 FOR MILLING PAVEMENT AT THE END OF CONSTRUCTION

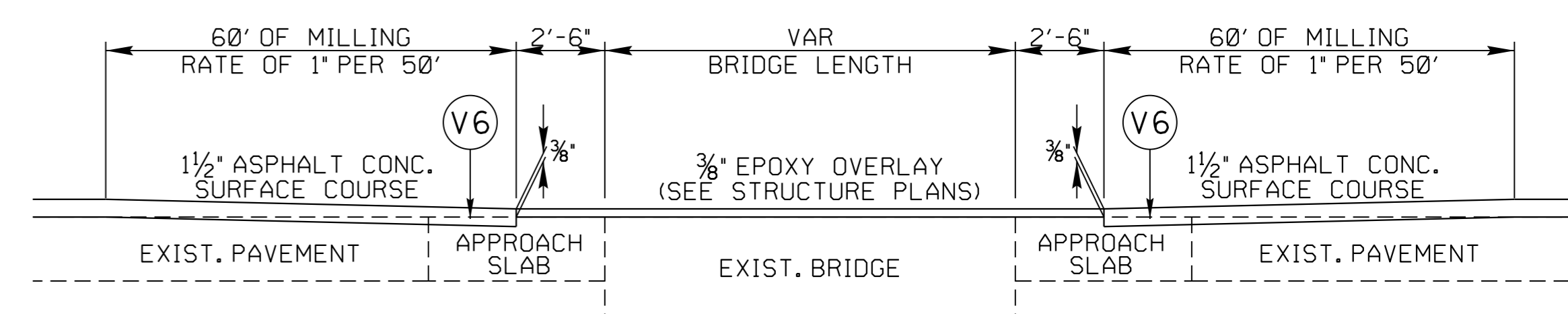
USE DETAIL NO. 5

Use with Typical Section No. 2

USE DETAIL NO. 5 AT THE FOLLOWING LOCATIONS:

- BEGIN PROJECT MILE MARKER 16 NORTHBOUND AND SOUTHBOUND
- END PROJECT MILE MARKER 22 NORTHBOUND AND SOUTHBOUND
- END OF CONST. LIMITS - FOUR RAMPS AT EXIT 17 ON I-95
- END OF CONST. LIMITS - FOUR RAMPS AT EXIT 19 ON I-95
- END OF CONST. LIMITS - FOUR RAMPS AND TWO LOOPS AT EXIT 20 ON I-95
- END OF CONST. LIMITS - FOUR RAMPS AT EXIT 22 ON I-95

NOTES: (1) MILL AT A RATE OF 1" PER 50'
(2) USE DETAILS 6 AND 7 (SHEET 2B-1) TO LOCATE END OF CONST. LIMITS FOR RAMPS AND LOOPS



DETAIL NO. 4 FOR TIE-IN AT BRIDGE

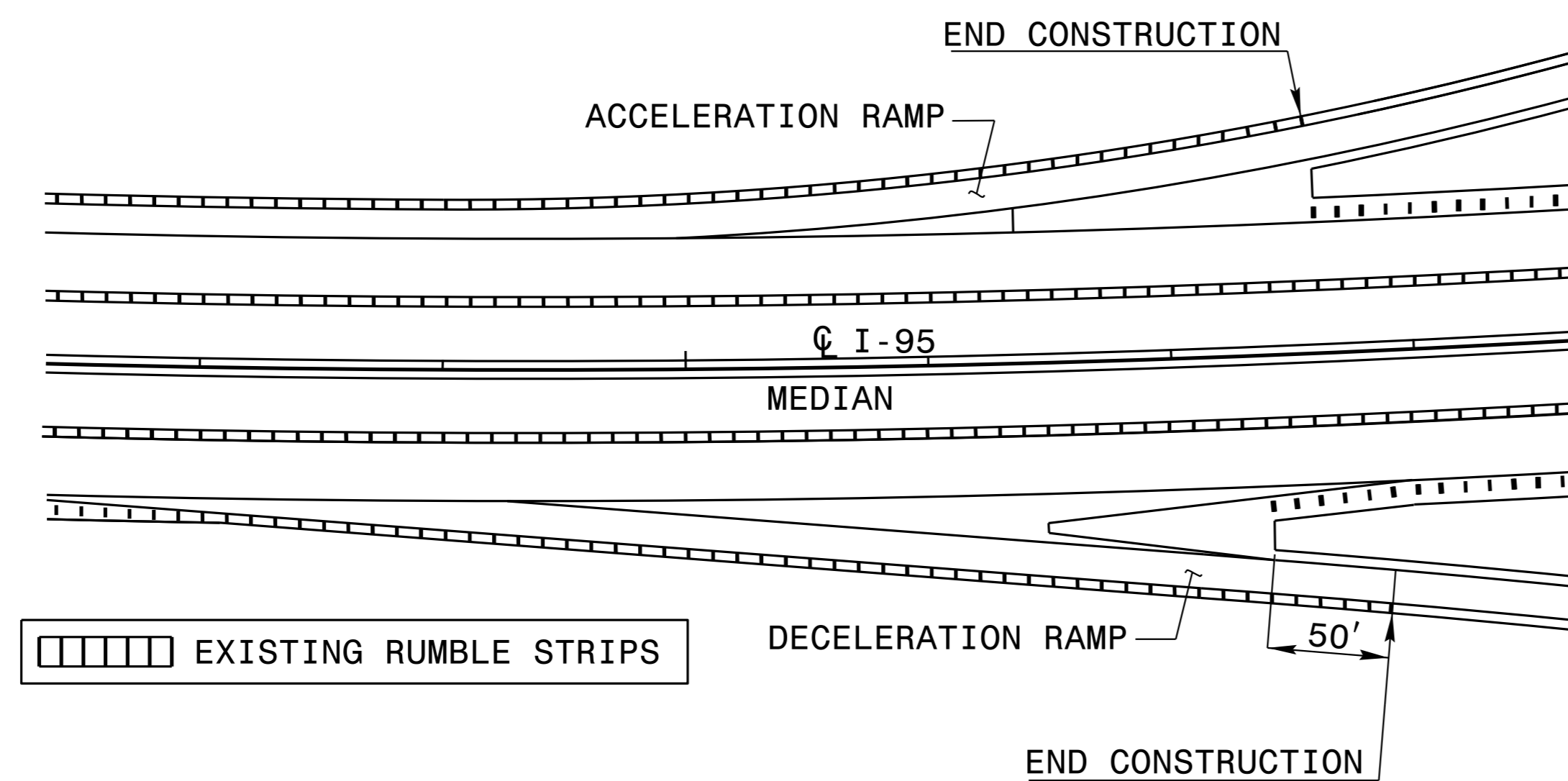
USE DETAIL NO. 4

Use with Typical Section No. 2

USE DETAIL NO. 4 AT THE FOLLOWING LOCATIONS:

- BRIDGE NO. 147 ON I-95 OVER LUMBER RIVER

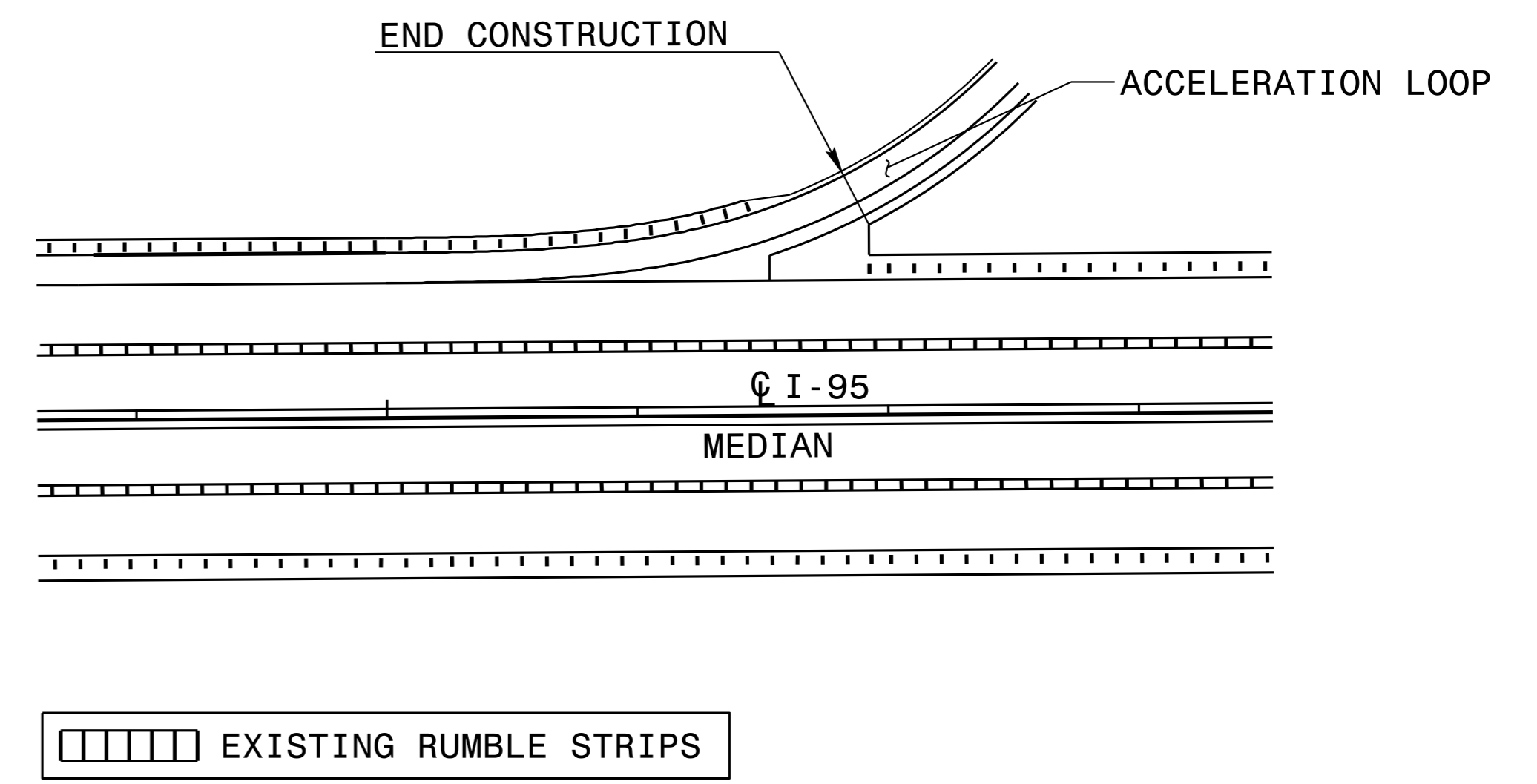
NOTE: (1) ASPHALT CONC SURFACE COURSE (AC.S.C.) ON APPROACH SLABS MAY REQUIRE MODIFICATION TO MATCH FINISHED GRADE. GRADE TO BE DETERMINED IN FIELD. AC.S.C. MAY BE USED TO WEDGE FOR TIE-IN AT APPROACH AS APPROVED BY ENGINEER.



DETAIL NO. 6 FOR PAVING LIMTS AT RAMPS

USE DETAIL NO. 6 AT THE FOLLOWING LOCATIONS:
 BEGIN PROJECT MILE MARKER 16 NORTHBOUND AND SOUTHBOUND
 END PROJECT MILE MARKER 22 NORTHBOUND AND SOUTHBOUND
 END OF CONST. LIMITS - FOUR RAMPS AT EXIT 17 ON I-95
 END OF CONST. LIMITS - FOUR RAMPS AT EXIT 19 ON I-95
 END OF CONST. LIMITS - FOUR RAMPS AT EXIT 20 ON I-95
 END OF CONST. LIMITS - FOUR RAMPS AT EXIT 22 ON I-95

NOTES: (1) USE DETAIL 5 (SHEET 2A-2) FOR MILLING PAVEMENT AT END OF CONST.
 (2) RESURFACE THE RAMPS TO THE END OF CONSTRUCTION LIMITS.



DETAIL NO. 7 FOR PAVING LIMTS AT LOOPS

USE DETAIL NO. 7 AT THE FOLLOWING LOCATIONS:
 END OF CONST. LIMITS - TWO LOOPS AT EXIT 20 ON I-95

NOTES: (1) USE DETAIL 5 (SHEET 2A-2) FOR MILLING PAVEMENT AT END OF CONST.
 (2) RESURFACE THE LOOPS TO THE END OF CONSTRUCTION LIMITS.

