

TYPICAL SECTIONS

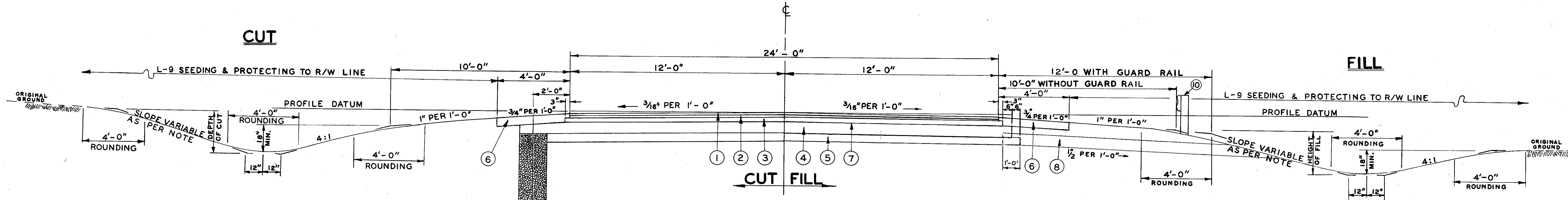
TYPE T-35 on B-19

SCALE: $\frac{3}{8}'' = 1'-0''$

FED. RD. DIVISION	STATE	PROJECT	3 70
2	OHIO		

LAKE COUNTY
LAK - 528 - 1.24

DESIGN SPEED 60 M.P.H.

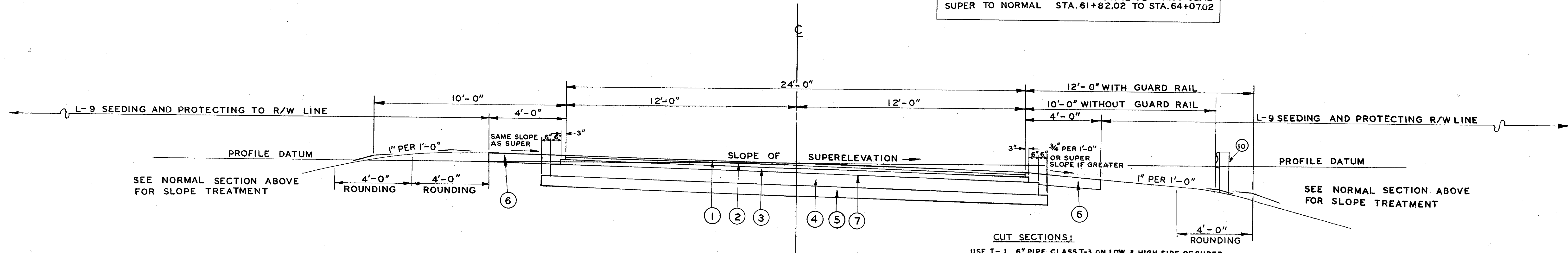


PAVEMENT MERGERS
STA. 0+00 TO STA. 2+04.78
STA. 62+57.02 TO STA. 64+50

NORMAL SECTION

STA. 18+32.90 TO STA. 23+45.21
STA. 37+42.12 TO STA. 37+60.50
STRUCTURE STA. 37+60.50 TO STA. 47+97.50
STA. 47+97.50 TO STA. 54+37.42

TRANSITION	
NORMAL TO SUPER	STA. 1+29.78 TO STA. 5+04.78
SUPER TO NORMAL	STA. 14+57.90 TO STA. 18+32.90
NORMAL TO SUPER	STA. 23+45.21 TO STA. 26+20.21
SUPER TO NORMAL	STA. 34+67.12 TO STA. 37+60.50
NORMAL TO SUPER	STA. 54+37.42 TO STA. 56+62.42
SUPER TO NORMAL	STA. 61+82.02 TO STA. 64+07.02



SEE NORMAL SECTION ABOVE FOR SLOPE TREATMENT

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CUT SECTIONS:
USE I-1 6" PIPE CLASS I-3 ON LOW & HIGH SIDE OF SUPER

FILL SECTIONS:
USE I-9 STONE UNDERDRAINS ON LOW SIDE OF SUPER LOCATIONS AND DIMENSIONS OF I-1 6" PIPE CLASS I-3 AND I-9 STONE UNDERDRAINS NO 2 SHALL BE AS SHOWN ABOVE ON NORMAL SECTION.

SUPERELEVATED SECTION

STA. 5+04.78 TO STA. 14+57.90
STA. 28+20.21 TO STA. 29+00
STA. 32+75 TO STA. 34+67.12
STA. 56+62 TO STA. 61+82.12

† Thicknesses shown are "designed" thicknesses as described in Sections T-35.01 and B-35.01.

LEGEND

- ① ITEM T-35 1 1/2" ASPHALTIC CONCRETE SURFACE COURSE, TYPE C (70-85)
- ② ITEM B-35 1 1/2" ASPHALTIC CONCRETE LEVELING COURSE (70-85)
- ③ ITEM B-35 3" ASPHALTIC CONCRETE BASE COURSE (70-85)
- ④ ITEM B-19 8" AGGREGATE BASE COURSE
- ⑤ ITEM I-22 6" SUBBASE
- ⑥ ITEM I-18*6" STABILIZED CRUSHED AGGREGATE SHOULDERS
- ⑦ ITEM T-30 BITUMINOUS PRIME COAT SEC. M-5.7, RT 2 OR RT 3 (0.40 GAL PER SQ YD.)
- ⑧ ITEM I-9 STONE UNDERDRAIN NO 2 (SEE GENERAL NOTES SHEET NO 6 FOR SPACING OF THIS ITEM)
- ⑨ ITEM I-1 6" PIPE CLASS I-3 (DEEP -5'-6" FROM FLOW LINE TO TOP OF ADJACENT PAVEMENT)
- ⑩ ITEM I-15 GUARD RAIL, STANDARD STEEL BEAM DEEP, TYPE NO 2-A

* SEE NOTE IN PROPOSAL FOR ADDITIONAL STABILIZATION WITH CALCIUM CHLORIDE IN UPPER THREE INCHES OF THIS ITEM.

NOTE:

FOR "HEIGHT OF FILL" UNDER 5', USE 4:1 SIDE SLOPE.
FOR "HEIGHT OF FILL" BETWEEN 5' AND 10', SIDE SLOPE SHALL BE TRANSITIONED FROM 4:1 TO 2:1.
FOR "HEIGHT OF FILL" OVER 10', USE 2:1 SIDE SLOPE.
FOR "DEPTH OF CUT" UNDER 5', USE 4:1 BACK SLOPE.
FOR "DEPTH OF CUT" BETWEEN 5' AND 10', BACK SLOPE SHALL BE TRANSITIONED FROM 4:1 TO 2:1.
FOR "DEPTH OF CUT" OVER 10', USE 2:1 BACK SLOPE.
CROSS SECTIONS SHALL GOVERN OVER TYPICAL SECTIONS WHERE VARIABLE CONDITIONS ARE ENCOUNTERED IN SLOPES.
CUT AND FILL SECTIONS SHOWN ARE INTERCHANGEABLE WITH EITHER SIDE OF ROADWAY.