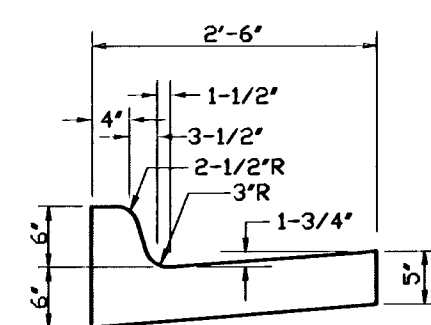


The diagram illustrates a cross-section of a road construction project, divided into three main sections: Fill Section, TRANSVERSE SECTION, and Cut Section.

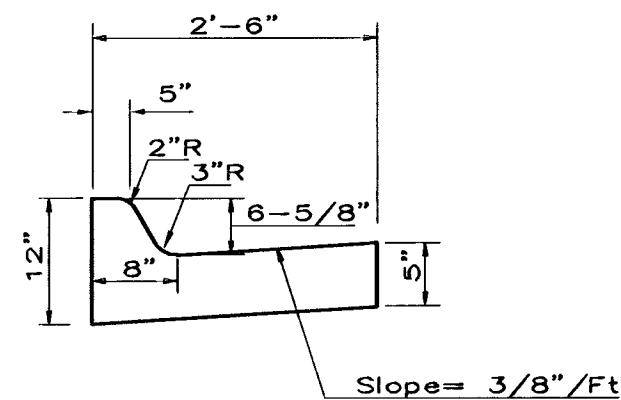
Fill Section: Shows the road profile on the left side. It includes a 4:1 Slope (Developed) and a 1:1 Slope (Undeveloped). The road surface is composed of Loose Fill and Compacted Fill (90% Standard Density). The slope is 1/4" per Ft. The road width is 12.00 feet. The road surface is 12 inches wide. The road surface is 12 inches wide. The road surface is 12 inches wide.

TRANSVERSE SECTION: Shows the road profile in the center. It includes a 12-inch excavation. The road surface is composed of 2" Asphaltic Concrete Wearing Surface, 3" Bituminous Base (B C-1), and 5" A.C. PAVEMENT WITH 3" BIT. BASE. The road surface is 12 inches wide. The road surface is 12 inches wide. The road surface is 12 inches wide.

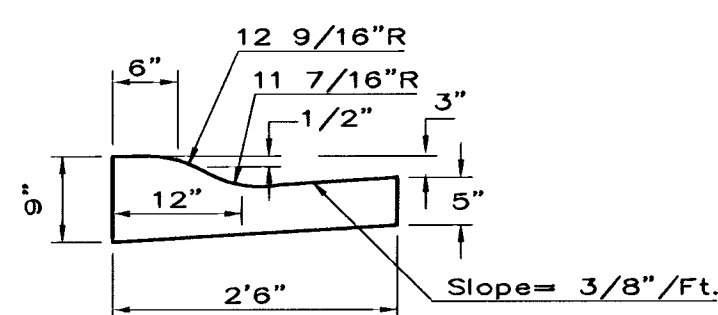
Cut Section: Shows the road profile on the right side. It includes a 4:1 Slope (Developed) and a 1:1 Slope (Undeveloped). The road surface is composed of 5" CRUSHED ROCK, CONCRETE, OR RAP BASE ON FABRIC REINFORCEMENT. The road surface is 12 inches wide. The road surface is 12 inches wide. The road surface is 12 inches wide.



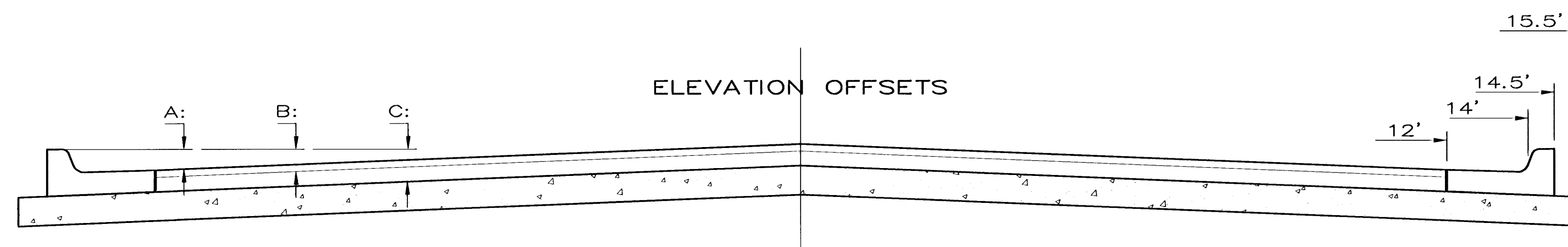
STATE CURB
MODIFIED TYPE I
COMBINED CURB & GUTTER



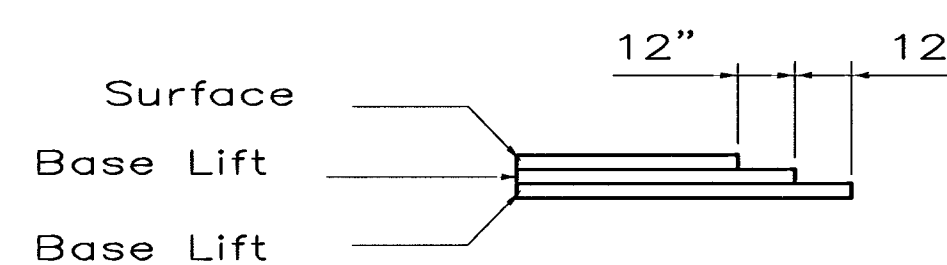
COMBINED CURB & GUTTER



COMBINED ROLL TYPE CURB &
GUTTER



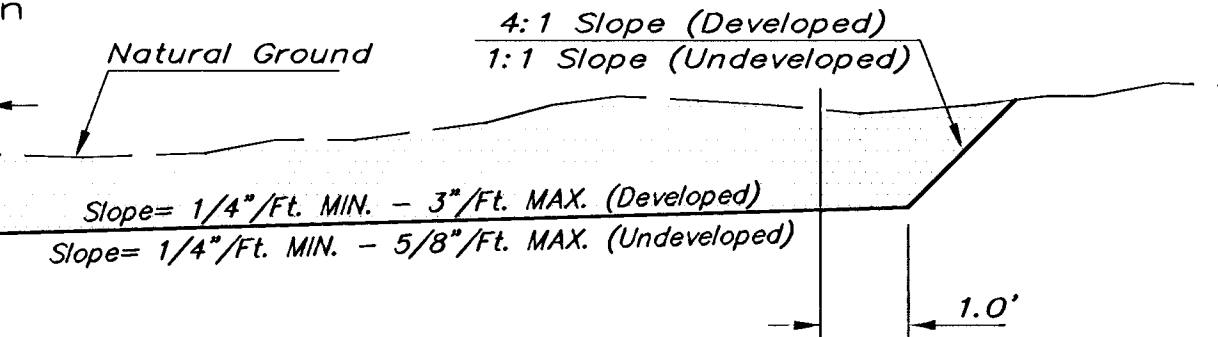
		DISTANCE FROM CENTERLINE (LT. & RT.)										
		0'	2'	4'	6'	7'	8'	10'	12'	14'	14.5'	15.5'
A:	Top of Curbs to Top of Surface Lift	0.13	0.18	0.24	0.30	0.33	0.36	0.43	0.49	—	—	—
B:	Top of Curbs to Top of Upper Base Lift	0.30	0.35	0.41	0.47	0.50	0.53	0.60	0.66	—	—	—
C:	Top of Curbs to Top of C.R. Subgrade	0.55	0.60	0.66	0.72	0.75	0.78	0.85	0.91	0.97	0.98	1.00



TRANSVERSE CONSTRUCTION JOINTS

Transverse construction joints shall be constructed in flexible base pavements at locations where pavement joints existing flexible base pavement as shown by the detail. All costs associated with the construction of the transverse joint shall be included in the bid price for Square Yards 5" ASPHALTIC CONCRETE (3" BITUMINOUS BASE).

Cut Section



General Notes

FABRIC BASE REINFORCEMENT SHALL BE B X 1100
GEORGRID AS MANUFACTURED BY TENSAR CORPORATION
OR APPROVED EQUAL. FABRIC BASE REINFORCEMENT
SHALL BE INSTALLED IN ACCORDANCE WITH
MANUFACTURER'S RECOMMENDATIONS. CRUSHED ROCK
SHALL BE UNIFORMLY GRADED FROM 1-1/2" MAXIMUM
SIZE TO NOT MORE THAN 10% PASSING A NO. 200
SIEVE. ROCK QUALITY SHALL BE THE SAME AS
SPECIFIED FOR COARSE AGGREGATE FOR CONCRETE
MIXES.

ROCK BASE IS TO BE COMPACTED AND SMOOTHED WITH A STEEL FACED ROLLER PRIOR TO PLACEMENT OF ASPHALT. TACK COAT WILL NOT BE APPLIED TO ROCK BASE.

A TACK COAT OF EMULSIFIED ASPHALT (SC-1H OR CSS-1H) SHALL BE APPLIED AT AN APPROXIMATE RATE OF 0.05 GALLONS PER SQUARE YARD BETWEEN EACH LIFT OF ASPHALTIC MATERIAL.

BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A LAYDOWN MACHINE HAVING AUTOMATIC CONTROLS FOR LINE AND GRADE.

CONSTRUCTION JOINTS IN EACH LIFT SHALL BE STAGGERED A MINIMUM DISTANCE OF ONE (1) FOOT FROM JOINTS IN PRECEDING LIFTS AND PLACED SO THAT A JOINT WILL BE CONSTRUCTED ON THE CENTERLINE OF THE TOP LIFT.

THE ASPHALTIC CONCRETE PAVEMENT BETWEEN THE
COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE
YARDS OF 5" ASPHALTIC CONCRETE (3" BITUMINOUS BASE.)

THE CITY OF WICHITA  CITY ENGINEER'S OFFICE CITY HALL - SEVENTH FLOOR 405 NORTH MAIN STREET WICHITA, KANSAS 67202 (316) 268-6501 (316) 268-4114 FAX	29' PAVEMENT 5" ASPHALTIC CONCRETE W/ CRUSHED ROCK BASE	
	M. E. LINDEBAK P.E. - CITY ENGINEER	
	PROJECT NUMBER 472-83424	INDEX CODE 765705
	DATE MAR 96	SHEET 2 OF 116