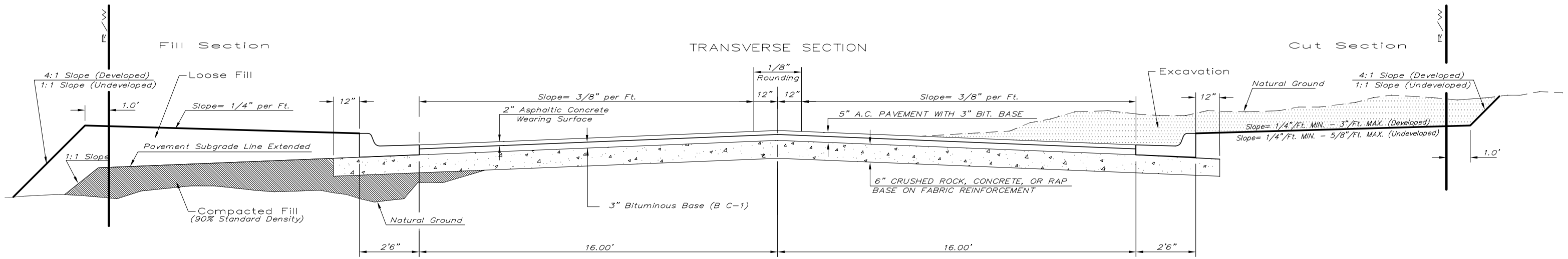
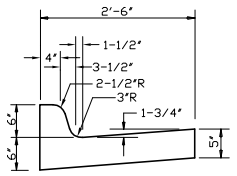
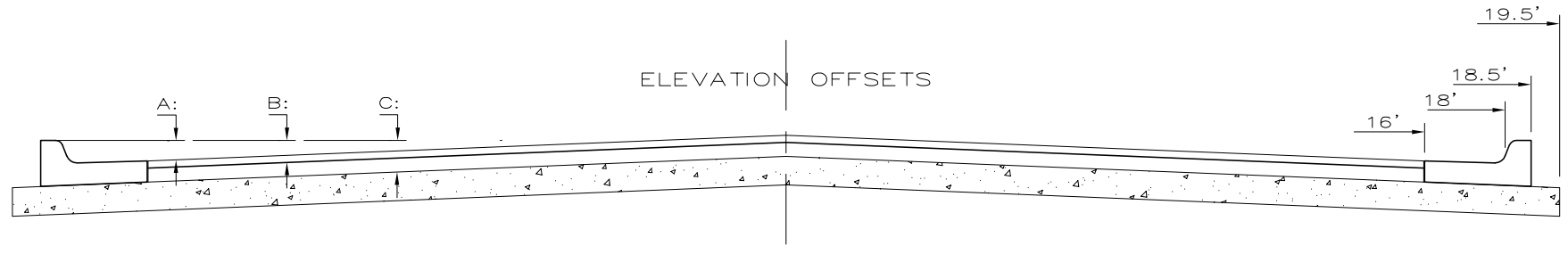
TYPICAL 37' B–B PAVEMENT DETAILS

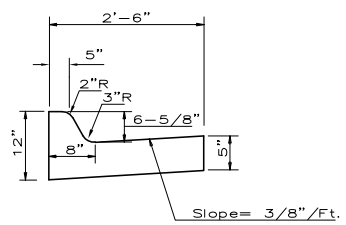




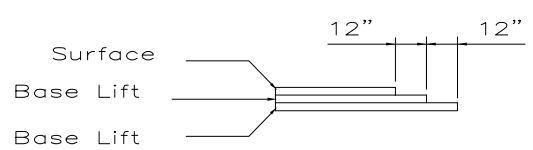
STATE CURB
MODIFIED TYPE I
COMBINED CURB & GUTTER



DISTANCE FROM CENTERLINE (LT. & RT.)	0'	2'	4'	6'	8'	10'	12'	14'	16'	18'	18.5'	19.5'
A: Top of Curbs to Top of Surface Lift	0.01	.05	0.11	0.18	0.24	0.30	0.36	0.43	0.49	—	—	—
B: Top of Curbs to Top of Upper Base Lift	0.17	0.22	0.28	0.33	0.40	0.47	0.53	0.59	0.65	—	—	—
C: Top of Curbs to Top of C.R. Subgrade	0.43	0.47	0.53	0.64	0.65	0.72	0.78	0.85	0.91	0.97	0.98	1.01

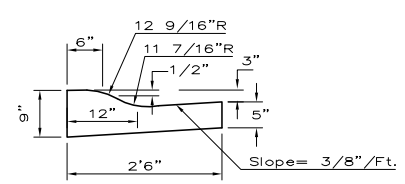


COMBINED CURB & GUTTER

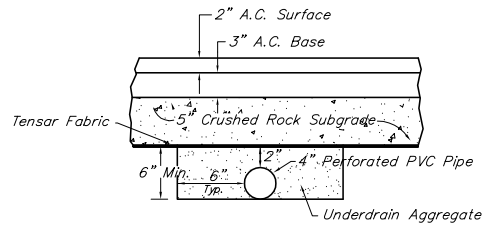


TRANSVERSE CONSTRUCTION JOINTS

Transverse construction joints shall be constructed in flexible base pavements at locations where pavement joins 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).



COMBINED ROLL TYPE CURB & GUTTER



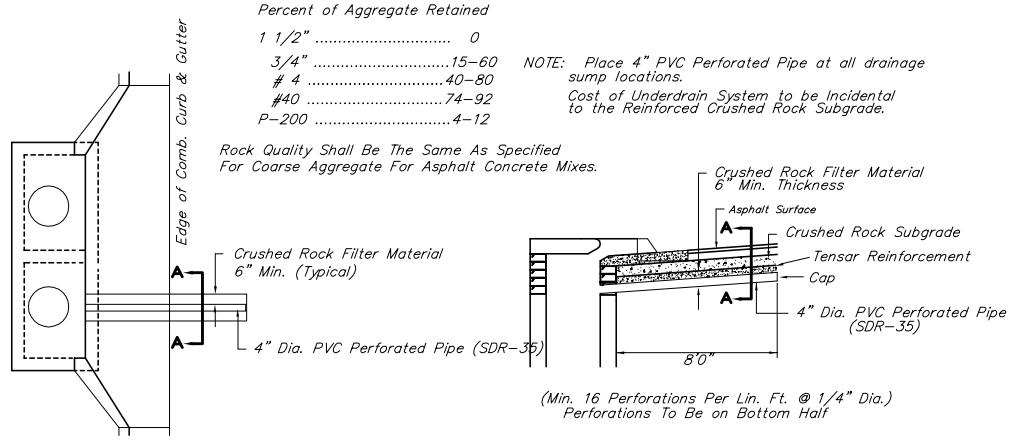
SECTION A–A

CRUSHED ROCK GRADATION REQUIREMENTS
Percent of Aggregate Retained

1 1/2"	0
3/4"	15–60
# 4	40–80
#40	74–92
P–200	4–12

NOTE: Place 4" PVC Perforated Pipe at all drainage sump locations.
Cost of Underdrain System to be Incidental to the Reinforced Crushed Rock Subgrade.

Rock Quality Shall Be The Same As Specified For Coarse Aggregate For Asphalt Concrete Mixes.



(Min. 16 Perforations Per Lin. Ft. @ 1/4" Dia.)
Perforations To Be on Bottom Half

PAVEMENT UNDERDRAIN DETAIL

General Notes

FABRIC BASE REINFORCEMENT SHALL BE B X 1100 GEOGRID 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 PROIR 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.)

Revised: 1–24–00, MCG

CITY OF WICHITA
PUBLIC WORKS
ENGINEERING

37' PAVEMENT
5" ASPHALTIC CONC.
W/ CRUSHED ROCK BASE

CITY ENGINEER
JAMES L. ARMOUR, P.E., L.S.
ACTING

PROJECT NUMBER	OCA NUMBER	DATE
472–84476	766122	

DESIGN	DRAWN

SHEET 3 of 33

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