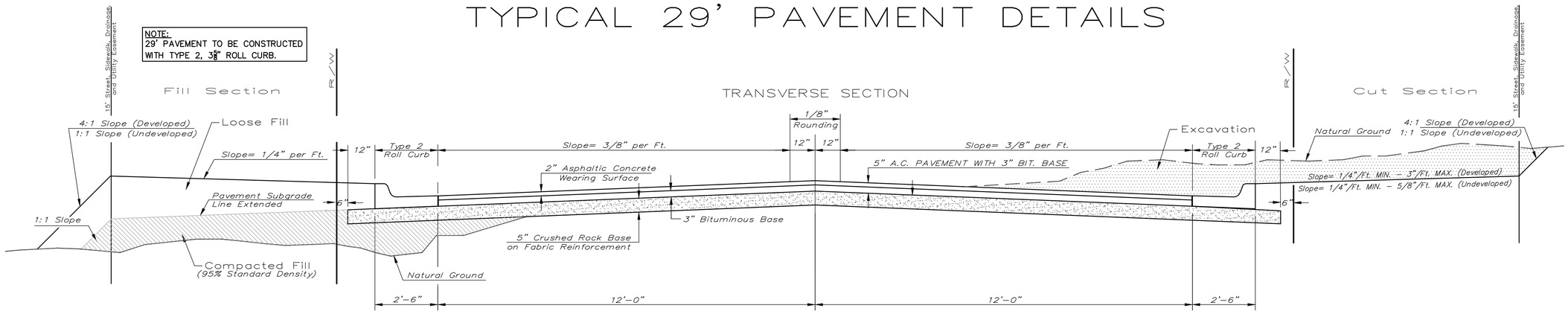
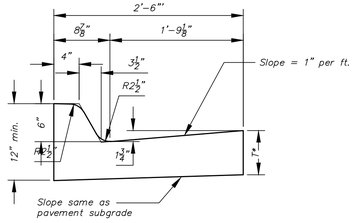
TYPICAL 29' PAVEMENT DETAILS

NOTE:
29' PAVEMENT TO BE CONSTRUCTED WITH TYPE 2, 3⅝" ROLL CURB.

TRANSVERSE SECTION

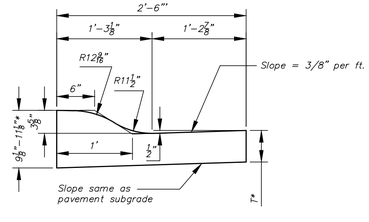


TYPE 1
(Arterial curb)

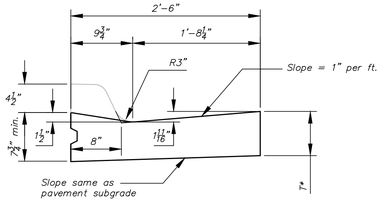


Combined Curb & Gutter (6")

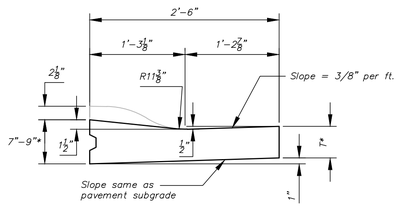
TYPE 2
(Roll curb)



Combined Curb & Gutter (3 5/8")

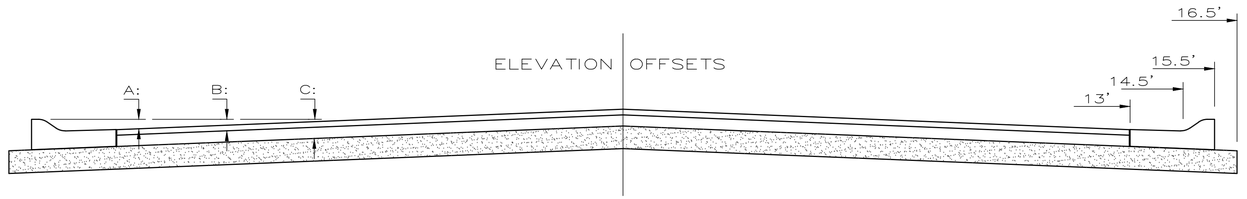


Combined Curb & Gutter (1 1/2")



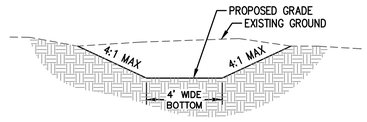
Combined Curb & Gutter (1 1/2")

ELEVATION OFFSETS

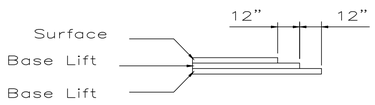


DISTANCE FROM CENTERLINE (LT. & RT.)

	0'	2'	4'	6'	8'	10'	12'
A: Top of Curbs to Top of Surface Lift	–0.12	–0.06	0.01	0.07	0.13	0.19	0.26
B: Top of Curbs to Top of Upper Base Lift	0.05	0.11	0.18	0.24	0.30	0.36	0.43
C: Top of Curbs to Top of C.R. Subgrade	0.30	0.36	0.43	0.49	0.55	0.61	0.67



DITCH TYPICAL SECTION



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).

CRUSHED ROCK GRADATION REQUIREMENTS
Percent of Aggregate Retained

1–1/2"	0
3/4"	15–60
#4	40–80
#40	74–92
#200	88–96

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

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 %%U7" ASPHALTIC CONCRETE (5" BITUMINOUS BASE.)

REV.	DESCRIPTION	DATE

SCHURR ADDITION
STREET IMPROVEMENTS

WICHITA, SEDGWICK COUNTY, KS

CERTIFIED ENGINEERING DESIGN, P.A.
CIVIL ENGINEERING SERVICES

1935 WEST MAPLE STREET
WICHITA, KANSAS 67213
PH.(316)262-8808 FAX.(316)262-1669

LOGAN J. MILLS LICENSED 24468 4-24-18 KANSAS PROFESSIONAL ENGINEER

PROJECT NO.: 20182509
ISSUE DATE: 04/24/18
CONTACT: H. FORAKER / L. MILLS
CHECKED BY: H. FORAKER / L. MILLS

TYPICAL SECTION

FILE LOCATION: S:\Drawing Files\Projects\20182509\DWG\Streets.dwg TAB NAME: Typical Section USER:aaswyer SAVED:4/24/2018 1:16 PM PLOTTED:4/24/2018 1:20 PM