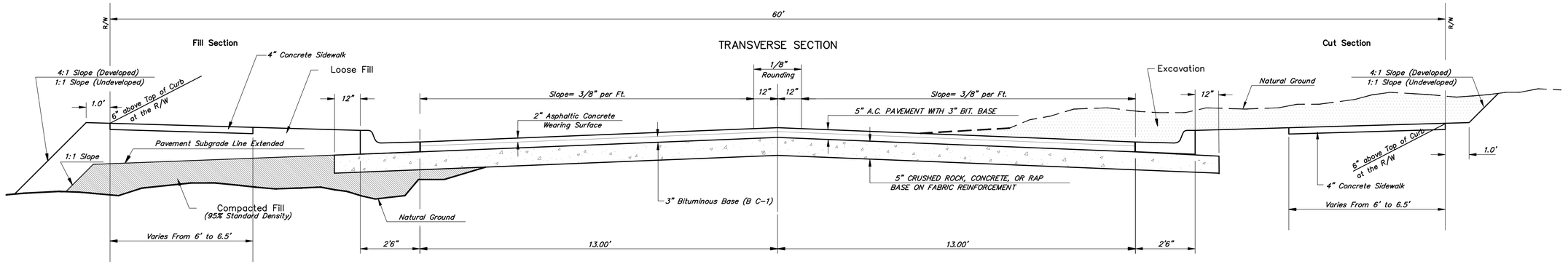
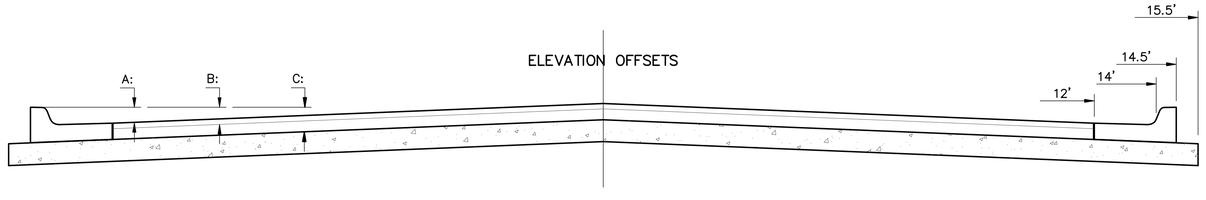
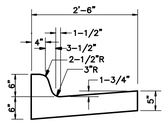
TYPICAL 31' B–B PAVEMENT DETAILS

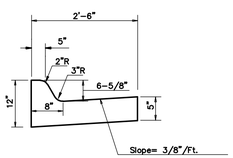




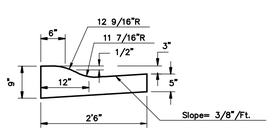
	DISTANCE FROM CENTERLINE (LT. & RT.)											
	0'	2'	4'	6'	7.5'	10'	12'	13'	15'	15.5'	15.67'	16.17'
A: Top of Curbs to Top of Surface Lift	0.10	0.14	0.21	0.27	0.32	0.39	0.46	0.49	–	–	–	–
B: Top of Curbs to Top of Upper Base Lift	0.27	0.31	0.37	0.44	0.48	0.56	0.62	0.65	–	–	–	–
C: Top of Curbs to Top of Lower Base Lift	0.52	0.56	0.62	0.69	0.73	0.81	0.87	0.90	0.97	0.98	0.99	–
D: Top of Curbs to Top of Subgrade	0.77	0.81	0.87	0.94	0.98	1.06	1.12	1.15	1.22	1.23	1.24	1.25



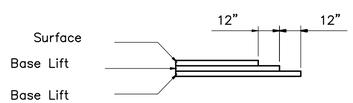
STATE CURB
MODIFIED TYPE I
COMBINED CURB & GUTTER



COMBINED CURB & GUTTER



COMBINED ROLL TYPE 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).

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.

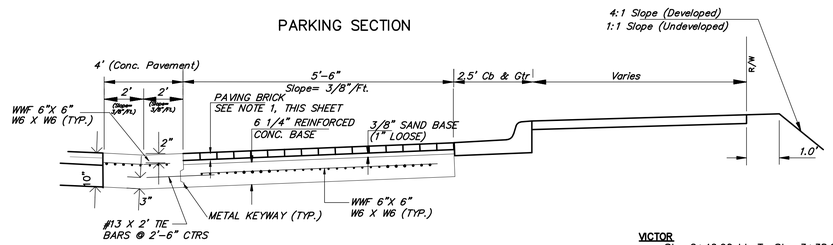
A TACK COAT OF EMULSIFIED ASPHALT (SC–1H OR CSS–1H) SHALL BE APPLIED AT AN APPROXIMATE RATE OF 0.05 GALLONS PER SQUARE YARD BETWEEN EACH LIFT OF ASPHALTIC MATERIAL.

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.)

PARKING SECTION



GENERAL NOTES

1. Interlocking Concrete Paving Stones (ASTM C936–82) used shall be Holland Stone Style consisting of full stones (8"X 4"X 3 1/8"), as manufactured by Barbour Concrete Pavers Inc., Independence, Missouri (816–796–3344) or approved equal. Color of the Paving Stones shall be RED (natural, brown, sandstone, charcoal, red/black blend).

2. 3/8" sand base shall be Subsidiary to "Paving Brick".

3. This reinforcement to be placed in concrete panels adjacent to brick crosswalk and is Subsidiary to PAVING BRICK.

4. Additional work involved in forming pavement for Paving Brick will be Subsidiary to PAVING BRICK.

VICTOR
Sta. 2+46.90 Lt. To Sta. 3+38.95 Lt.
Sta. 2+89.00 Rt. To Sta. 4+90.94 Rt.
Sta. 3+48.97 Lt. To Sta. 4+40.92 Lt.
Sta. 4+50.84 Lt. To Sta. 5+20.89 Lt.
Sta. 5+42.78 Rt. To Sta. 6+12.78 Rt.
Sta. 5+82.82 Lt. To Sta. 6+12.80 Lt.

RUTAN
Sta. 0+83.21 Rt. To Sta. 1+31.17 Rt.
Sta. 1+23.00 Lt. To Sta. 1+69.01 Lt.
Sta. 1+37.07 Rt. To Sta. 2+07.12 Rt.
Sta. 1+74.91 Lt. To Sta. 2+43.00 Lt.
Sta. 3+55.86 Rt. To Sta. 4+01.74 Rt.
Sta. 3+57.35 Lt. To Sta. 4+01.27 Lt.
Sta. 4+07.75 Rt. To Sta. 4+53.88 Rt.
Sta. 5+17.89 Rt. To Sta. 6+09.88 Rt.
Sta. 5+40.51 Lt. To Sta. 6+10.00 Lt.

FIRST STREET
Sta. 0+96.48 Rt. To Sta. 3+45.56 Rt.

No.	Date	By	Approved	Revision

PARKSTONE ADDITION
STREET IMPROVEMENTS
TYPICAL 31' PAVEMENT
CITY OF WICHITA, KANSAS
JAMES L. ARMOUR, P.E. – CITY ENGINEER
Private Project # 472–85471 O.C.A. # 766166

POE & ASSOCIATES, INC.
CONSULTING ENGINEERS
3940 E. Central, Suite 200 • Wichita, KS 67208-4242
Phone 316/685-4114 • FAX 316/685-4444

FINAL

Designed By: S. Schmidt/J. Ubert
Drawn By: A. Moss
Poe Job No.: 1879A
Date: September 2008