

SCALE:

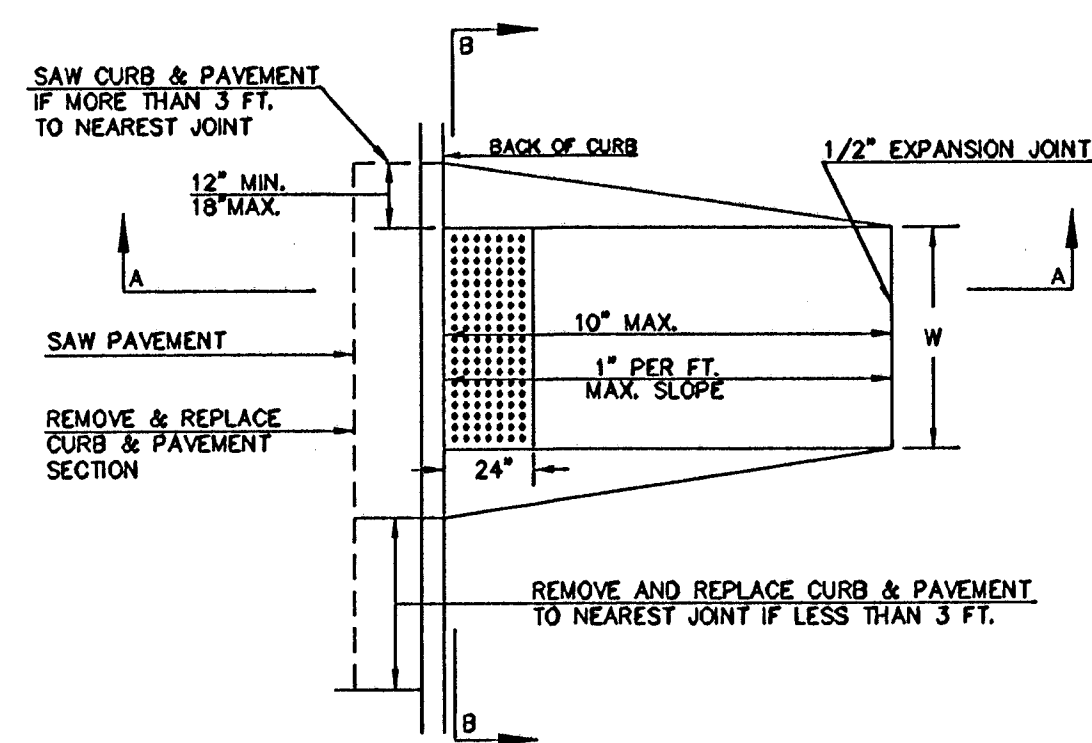


Note: All Reinforcement Shall be Adequately Supported by Approved Chairs.

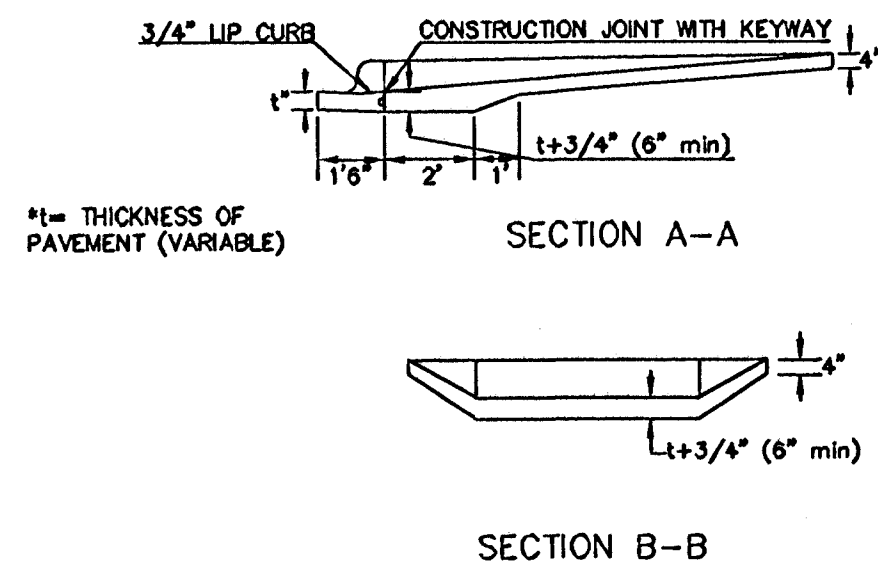
A cross-sectional diagram of a concrete slab on a crushed rock base. The top layer is a solid rectangle labeled "6" Concrete Pavement (City Mix)". Below it is a hatched rectangle labeled "6" Crushed Rock (Reference City of Wichita Specifications)". Vertical double-headed arrows indicate the thickness of each layer. The diagram is broken at both ends with wavy lines.

NOTE: COMPACTED BASE AND SUBGRADE SHALL BE EXTENDED TO 1' BEYOND THE LIMITS OF ALL PAVING.
SUBGRADE COMPACTION SHALL BE 95% ASTM D-698 IN LAYERS NOT TO EXCEED 8 INCHES.

W= PER PLAN



SECTION A-A



Detectable Warning Paver

1/2" Grout Bed

1/8"

Concrete base and adjacent shall be constructed monolithically

1/2"

1'

2"

2"

1'

Compacted Subgrade (Type C)

3 1/2" Concrete Base (Class A Concrete AE)

**TYPICAL SECTION DETECTABLE WARNING PAVER
SECTION A-A**

TYPICAL SECTION DETECTABLE WARNING PAVER
SECTION A-A

Overrun Saw Kerfs at joint intersection to be filled with approved Epoxy

KERF DETAIL

5/16" Round Head Bolt
(As Required).

Regulatory or
Warning Sign

3 lb/ft. "U" Channel
Steel Sign Post

4'-0"
(Min.)*

6'-0" (Min.)
7'-0" (Max.)

Ground
Line

3'-0"

*Or as
directed
by Engineer

PERFORATED
TUBE
SIGN POST
INSTALLATION

SIGN POST
1" BELOW
SIGN TOP

5/16" Round
Head Bolt
As Required

SIZE 1 3/4"
#14 GA
SIGN POST

BREAK-AWAY
POINT

2-3"
ABOVE GROUND

18" SLEEVE
SIZE 2 1/4"
#12 GA

GROUND LEVEL

CORNER
BOLT
AND NUT

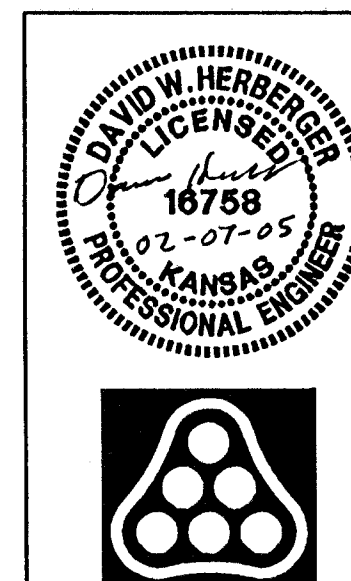
36"

SIZE 2"
#12 GA
SIGN POST
ANCHOR

SIGN GENERAL NOTES

NOTE: REFERENCES BELOW TO "STANDARD SPECIFICATIONS" DENOTE "STANDARD SPECIFICATIONS FOR STATE ROAD AND BRIDGE CONSTRUCTION EDITION 1990" BY THE KANSAS DEPARTMENT OF TRANSPORTATION.

1. POST ANCHORS: POSTS SHALL BE ANCHORED WITH A YIELDING BASE POST SUPPORT AS DETAILED.
2. POSTS FOR TRAFFIC CONTROL SIGNS: POSTS SHALL BE SQUARE TUBE GALVANIZED STEEL AND CONFORM TO THE REQUIREMENTS OF SUBSECTION 1620 OF THE STANDARD SPECIFICATIONS, EXCEPT THAT ALL POSTS SHALL WEIGH 3 LBS./FOOT MINIMUM.
3. SIGN BLANKS FOR TRAFFIC CONTROL SIGNS: SIGN BLANKS SHALL BE FABRICATED FROM 0.080" ALUMINUM ALLOY 6063-T6 CONFORMING TO THE REQUIREMENTS OF SUBSECTION 1628 OF THE STANDARD SPECIFICATIONS.
4. MOUNTING BRACKETS FOR SIGNS: DIE-CAST ALUMINUM BRACKETS SHALL BE ALUMINUM ALLOY 360 HAVING A TENSILE STRENGTH OF 44,000 PSI. THE BRACKETS SHALL BE SMOOTHLY FINISHED FREE OF PITS, BURRS, AND FLAWS. EACH BRACKET SHALL BE TAPPED AND DRILLED FOR 5/16" zinc-plated ALLEN-TYPE SET SCREWS HAVING SELF-LOCKING SAW-TOOTH ENDS.
5. FASTENERS: ALL STEEL FASTENERS FOR TRAFFIC CONTROL SIGNS SHALL BE GALVANIZED AND SHALL CONFORM TO THE REQUIREMENTS OF SUBSECTION 1614 OF THE STANDARD SPECIFICATIONS.
6. REFLECTIVE SHEETING: REFLECTIVE SHEETING SHALL BE TYPE III, HIGH-INTENSITY TYPE.
7. PROCESS INK: ALL PROCESS INK SHALL CONFORM TO THE REQUIREMENTS OF SUBSECTION 2202 OF THE STANDARD SPECIFICATIONS.
8. DETAILS: REGULATORY AND WARNING SIGNS SHALL CONFORM TO THE DETAILS IN "STANDARD HIGHWAY SIGNS", FHWA, 1979.
9. THE FINISHED SIGNS AS SUPPLIED SHALL BE GOOD APPEARANCE, FREE FROM RAGGED EDGES, CRACKS SCALES OR BLISTERS AND SHALL BE PAIN-CUT. SIGNS SHALL BE PAID IN SUCH MANNER AS TO DAMAGE OR DEFAUCEMENT OF SIGNING OR STORAGE.



No.	Revision	By	Date
CITY OF WICHITA, KANSAS JAMES L. ARMOUR, P.E. - CIVIL CITY ENGINEER FRIENDS UNIVERSITY-WOOLMAN REPLACEMENT PAVEMENT DETAILS PRIVATE PROJECT NO. 16APPP (607879) <u>Professional Engineering Consultants, P.A.</u> 303 S. TOPEKA • WICHITA, KANSAS 67202 316-262-2691 • FAX 316-262-3003			
Designed by	DWH	Job No.	35-04549-0259
Drawn by	SAW	Date	FEBRUARY 2005
		Sht.	8 of 12