NOTE:
SIDEWALKS TO BE CONSTRUCTED
ALONG COLLECTOR AS PART
OF PROJECT.
NOTE:

1. DESIGN GEOMETRICS TO BE APPROVED BY THE CITY ENGINEER FOR EACH INDIVIDUAL PROJECT.

2. SIDEWALKS TO BE CONSTRUCTED ALONG MINOR ARTERIAL AS PART OF PROJECT.
PLANNED END OF DAYS WORK

PLACE 1/2" EXPANSION JOINT FILLER IN TOP OF CURB AT ALL RADIUS POINTS.

NOTE:
SKewed INTERSEC.
SHALL NOT BE LESS THAN 75° TO INTERSECTING STREET.

FIRST STREET PAVED

E

CATCH BASIN

18" MINIMUM

A

C

D

28' - 36'

B OR C

D

C

NOTE:
SKewed INTERSEC.
SHALL NOT BE LESS THAN 75° TO INTERSECTING STREET.

FIRST STREET PAVED

B OR C

D

C

28' - 52'

25' LOCAL
30' COLLECTOR
50' MAJOR AND MINOR ARTERIAL

28' - 36'

DIRECTION OF PAVING HALF WIDTH

REV 2009

CITY OF LIBERTY, MO
DEPARTMENT OF PUBLIC WORKS

CONCRETE PAVING JOINT LOCATIONS

D15-5
**TYPE A**
EXPANSION JOINT

**EXPANSION JOINT FILLER**
d/2

**JOINT SEALER**
1"

**d/8" SMOOTH DOWEL 14"LG @12"CTRS**

**TYPE B**
LONGITUDINAL CONSTRUCTION JOINT

**SAW 1/4" x 1/2" DEEP**

**JOINT SEALER**

**d/2**

**KEYWAY**

**d**

**TYPE C**
TIED BUTT LONGITUDINAL CONSTRUCTION JOINT

**SAW 1/4" x 1/2" DEEP**

d/2

**JOINT SEALER**

**DEFORMED TIE BARS 1/2" 24"LG @30"CTRS**

**TYPE D**
SAWED LONGITUDINAL OR TRANSVERSE

**SEE JOINT SEALING DETAIL**
d/4

**TYPE E**
PLANNED TRANSVERSE CONSTRUCTION JOINT (USED AT NORMAL JOINT SPACING)

**SEE DETAIL 14-6 FOR JOINT DETAIL**
d/2

**LUBRICATE ONE END**

**d/8" SMOOTH DOWEL 14"LG @12"CTRS**

**BUZZ JOINT FORMED BULK HEAD**

**TYPE F**
EMERGENCY TIED TRANSVERSE CONSTRUCTION JOINT (USED AT MIDDLE THIRD NORMAL JOINT SPACING)

**SAW 1/4" x 1/2" DEEP**

**JOINT SEALER**

**d/2**

**KEYWAY**

**DEFORMED TIE BARS 1/2" 24"LG @30"CTRS**

**KEYWAY FOR TYPE B & F CONSTRUCTION JOINT**

**1:4 SLOPE**

**0.2d**

**0.1d**

REV 2009
NOTES:

1. SILICONE JOINT SEALING MATERIAL SHALL BE COLD-APPLIED, SINGLE COMPONENT TYPE CONFORMING TO REQUIREMENTS OF FED. SPEC.TT-S-1543, DOW CORNING "888 SILICONE HIGHWAY JOINT SEALANT". SEALING MATERIAL SHALL BE PRESSURE MACHINE APPLIED IN ACCORDANCE WITH THE SEALING MATERIAL MANUFACTURER’S RECOMMENDATIONS. THE MATERIAL FURNISHED FOR THE BACKER ROD SHALL BE A RESILIENT, CLOSED CELL POLYETHYLENE FOAM ROD AS RECOMMENDED BY THE MANUFACTURE OF THE SEALANT.

2. d = DEPTH OF SLAB

3. D = DEPTH TO TOP OF BACKER ROD. DEPTH "D" SHALL ALWAYS BE TWICE THE WIDTH OF THE JOINT.

TYPICAL SECTION