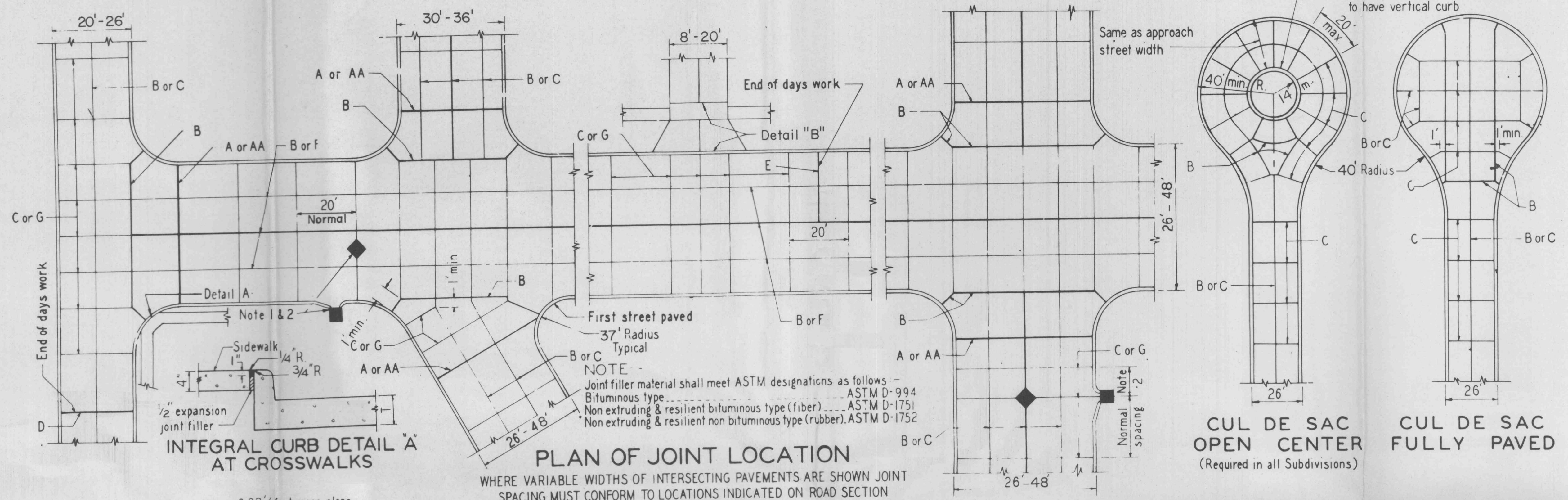


INTEGRAL CURB PAVEMENT TYPICAL SECTIONS AND DETAILS

BOD 21.3.6.73



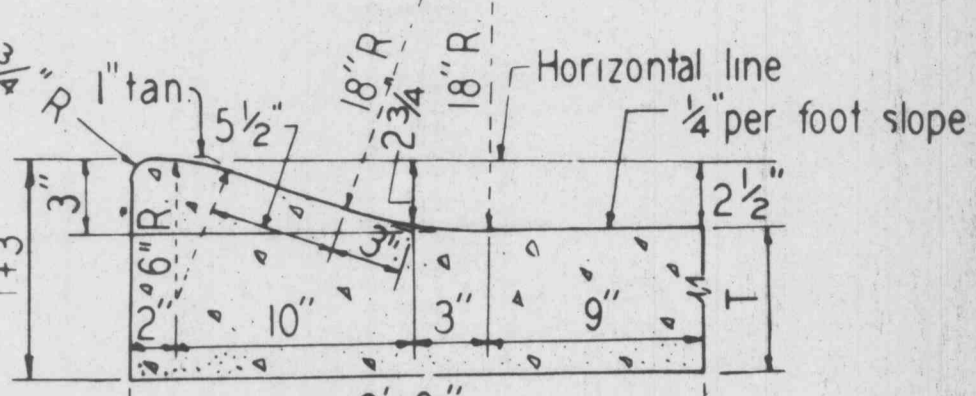
INTEGRAL CURB DETAIL 'A' AT CROSSWALKS

PLAN OF JOINT LOCATION

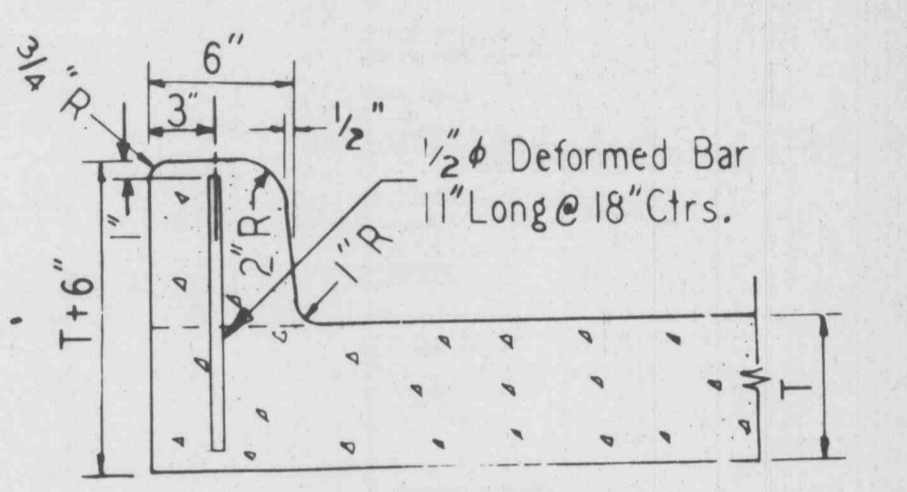
WHERE VARIABLE WIDTHS OF INTERSECTING PAVEMENTS ARE SHOWN JOINT SPACING MUST CONFORM TO LOCATIONS INDICATED ON ROAD SECTION

CUL DE SAC OPEN CENTER
(Required in all Subdivisions)

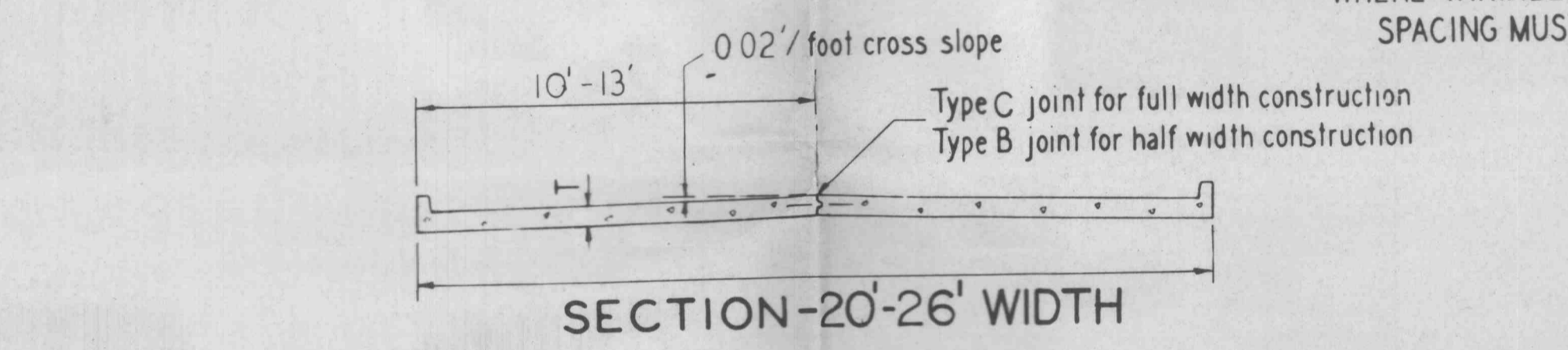
CUL DE SAC FULLY PAVED



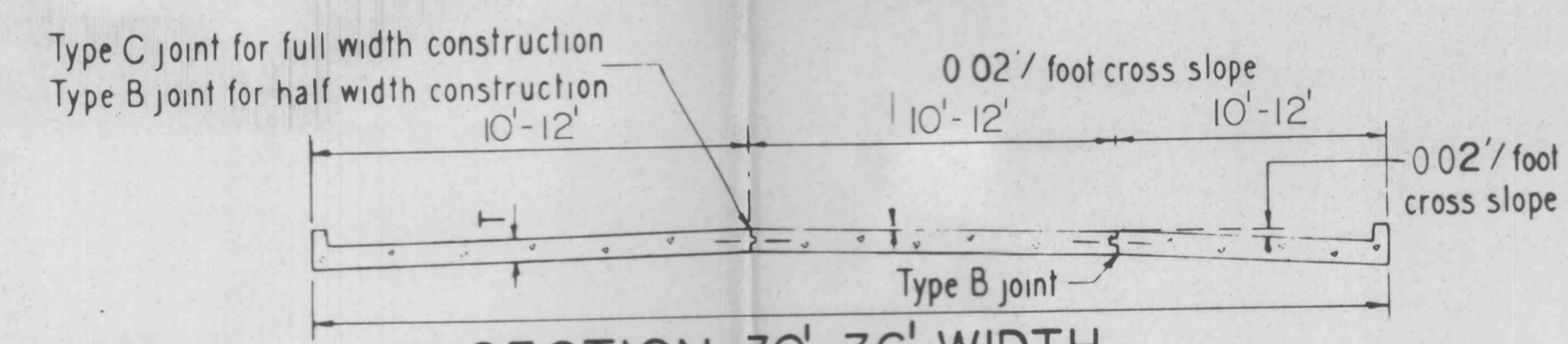
INTEGRAL ROLLED CURB



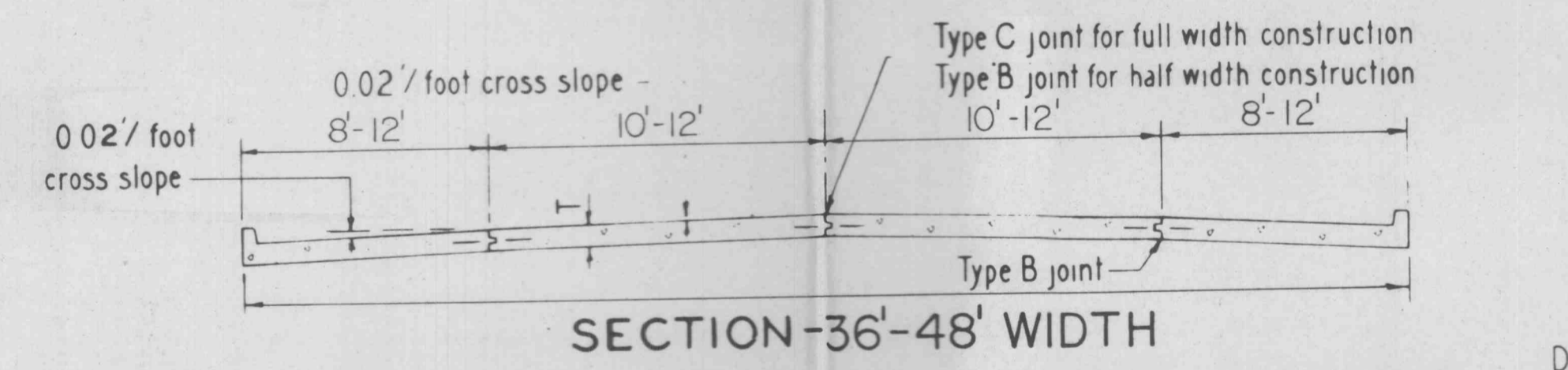
INTEGRAL VERTICAL CURB



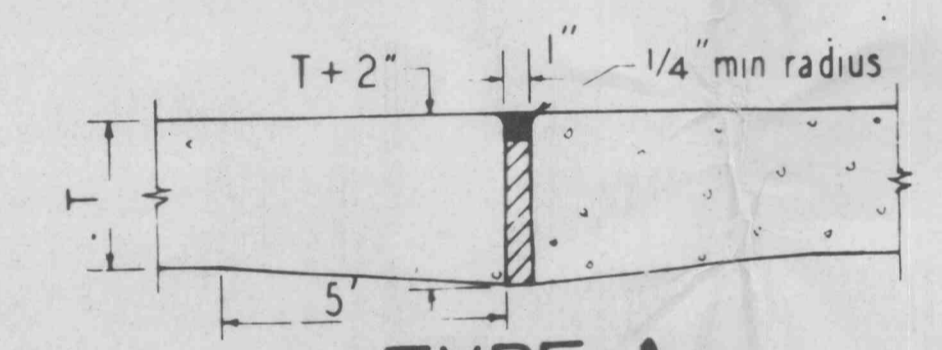
SECTION-20'-26' WIDTH



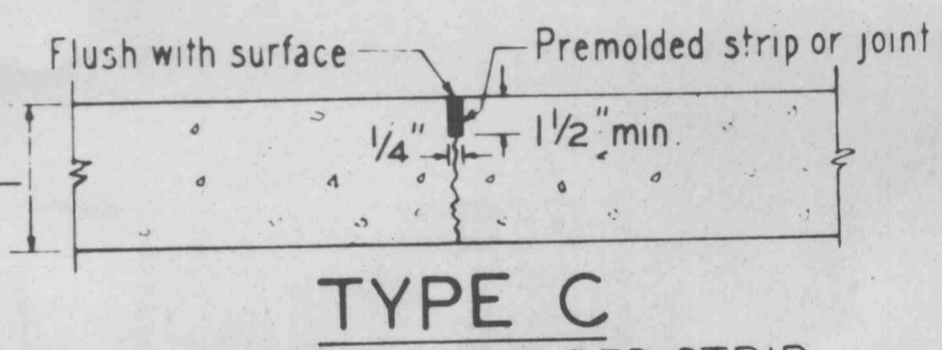
SECTION-30'-36' WIDTH



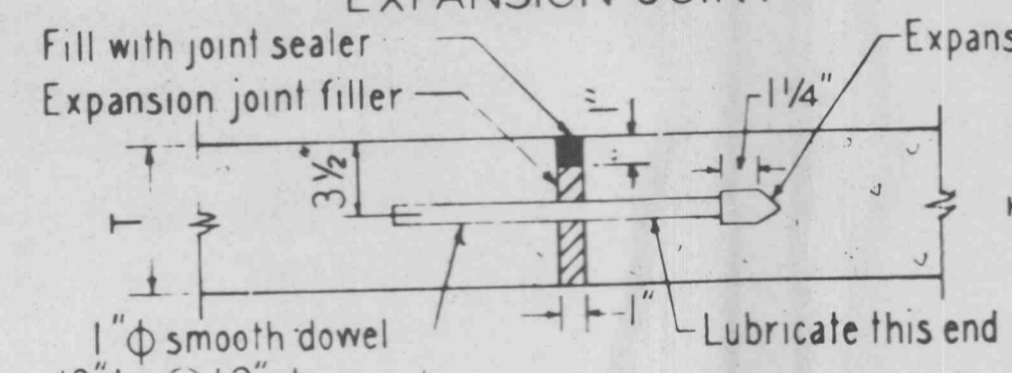
SECTION-36'-48' WIDTH



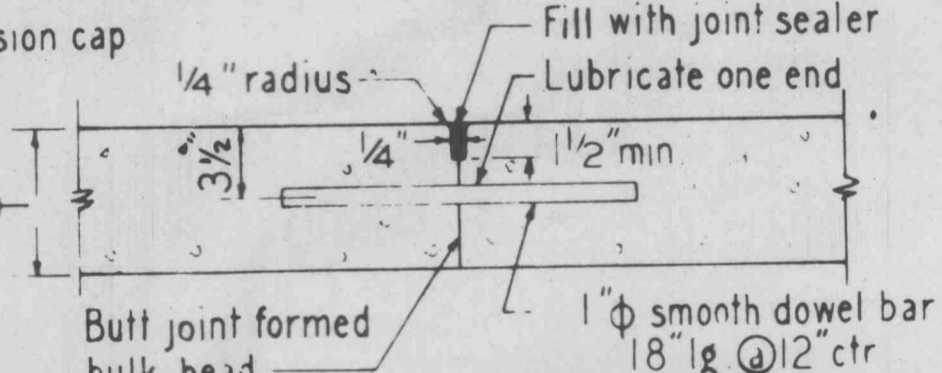
TYPE A EXPANSION JOINT



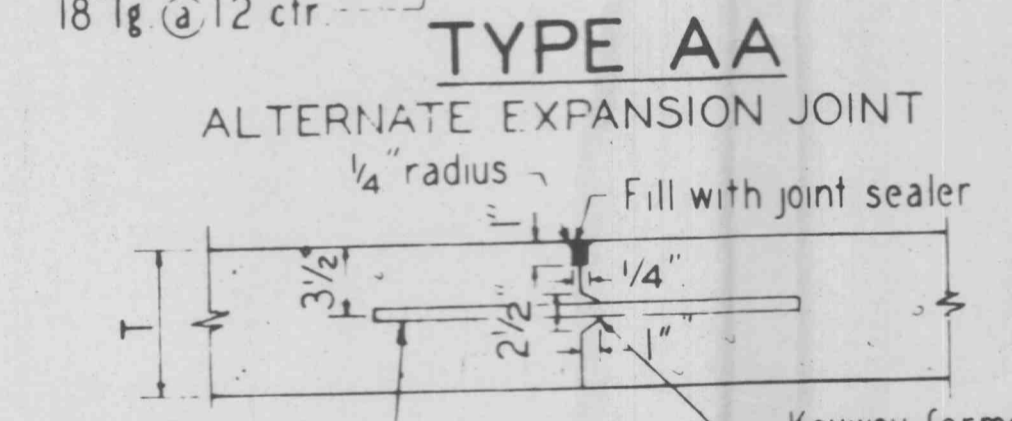
TYPE C SAWED OR PREMOLDED STRIP TRANSVERSE CONSTRUCTION JOINT



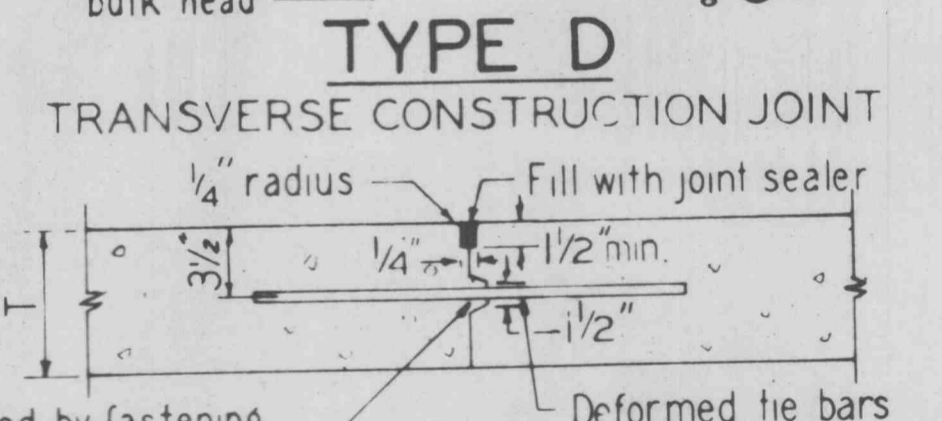
TYPE AA ALTERNATE EXPANSION JOINT



TYPE D TRANSVERSE CONSTRUCTION JOINT



TYPE B LONGITUDINAL CONSTRUCTION JOINT



TYPE E TIED TRANSVERSE CONSTRUCTION JOINT

Deformed tie bars in longitudinal joint only $5/8" \phi 30" @ 30" ctr$

Keyway formed by fastening metal key to form

Deformed tie bars $5/8" \phi 30" @ 30" ctr$

5) Minimum Thickness for Pavement is:

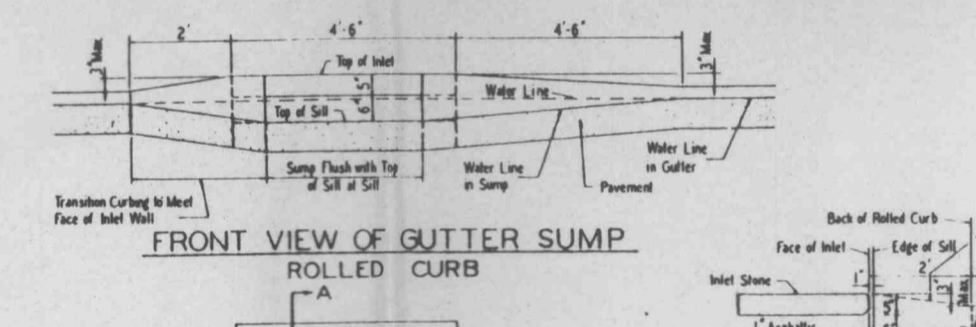
	CONCRETE (T)
Local or Minor Streets	6"
Major or Industrial Streets	7"
Arterial or Industrial Streets	8"

Base material under pavement will be made with 4 inches of Rolled Stone Base.

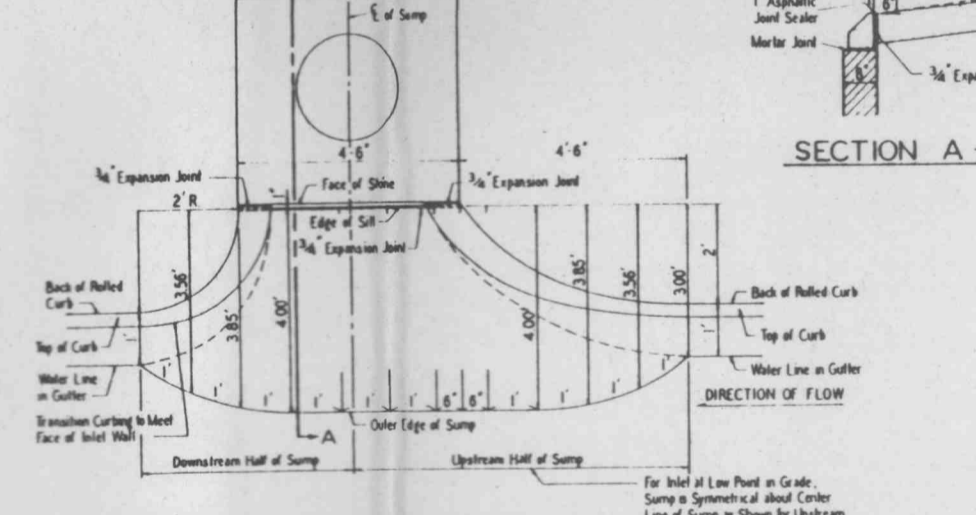
- For minor Rural or Urban and Minor Subdivision pavements (6" thick concrete), $1/2" \phi$ deformed tie bars lg. @ 30" ctr. shall be used for TYPE B longitudinal joints.
- Refer to Exhibit 13A for joint and bar requirements for different street classifications. Note that width and location of joint required.
- Transverse or longitudinal construction joints in slip formed pavement may be made with groover of tool, if such device has been approved in advance by the St. Charles County Highway Department.

General Notes:

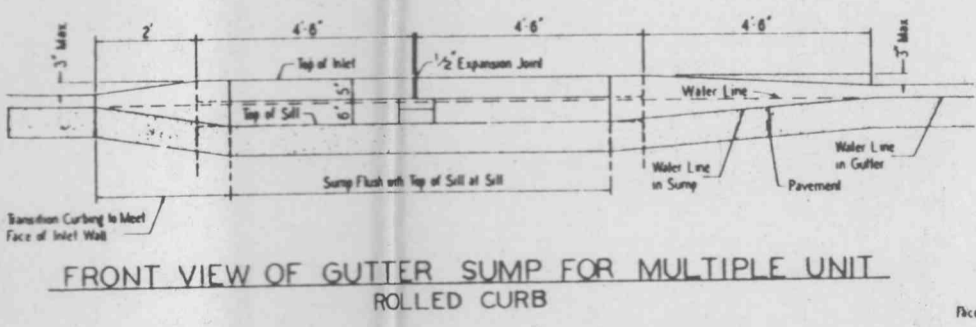
- All catch basins shall be separated from the pavement and curb by expansion joint material extending completely through curb and slab. Manhole castings within the pavement limits shall be boxed as shown in the "Sewer Construction Details".
- When a joint falls within 5 ft. of or contacts basins, manholes, or other structures, shorten one or more panels either side of opening to permit joint to fall on round structures and at between corners of rectangular structures.
- Driveway configurations are shown in the "Entrance Construction Details".
- Construction joint and dowel bars may be omitted when curb is poured integral with pavement.



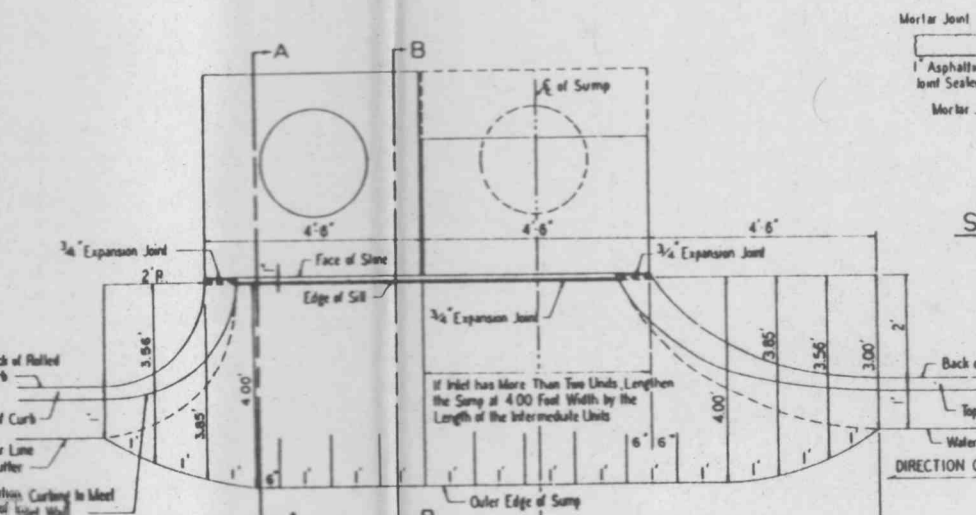
FRONT VIEW OF GUTTER SUMP ROLLED CURB



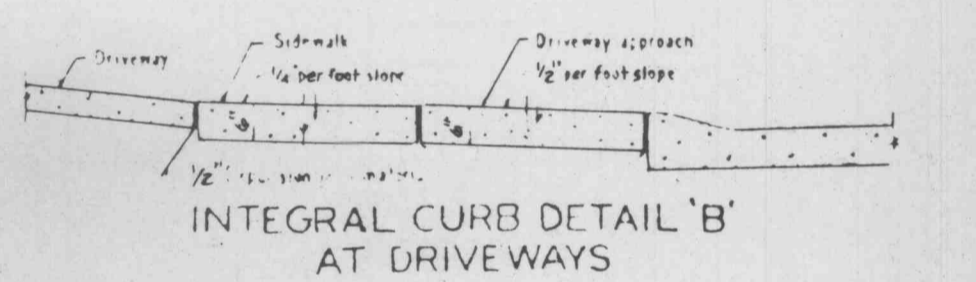
PLAN VIEW OF GUTTER SUMP ROLLED CURB



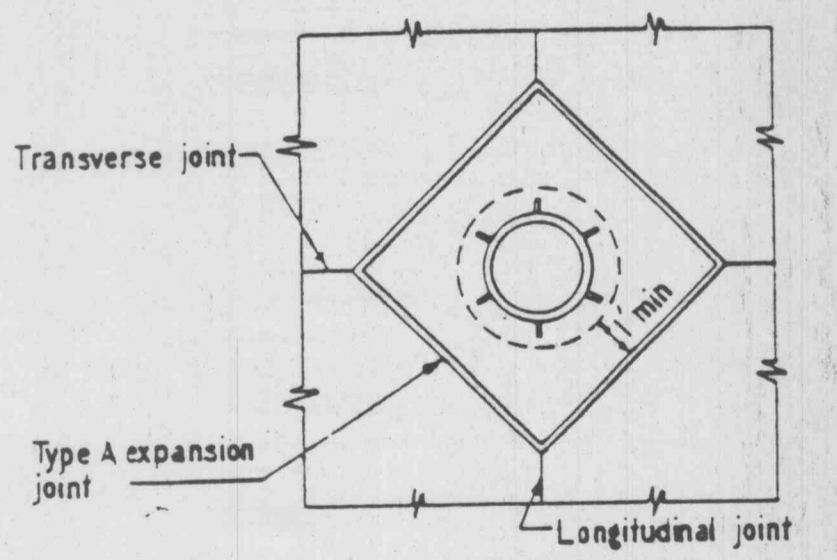
FRONT VIEW OF GUTTER SUMP FOR MULTIPLE UNIT ROLLED CURB



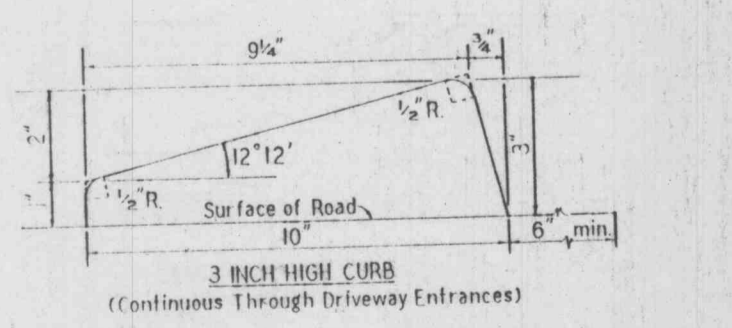
PLAN VIEW OF GUTTER SUMP FOR MULTIPLE UNIT ROLLED CURB



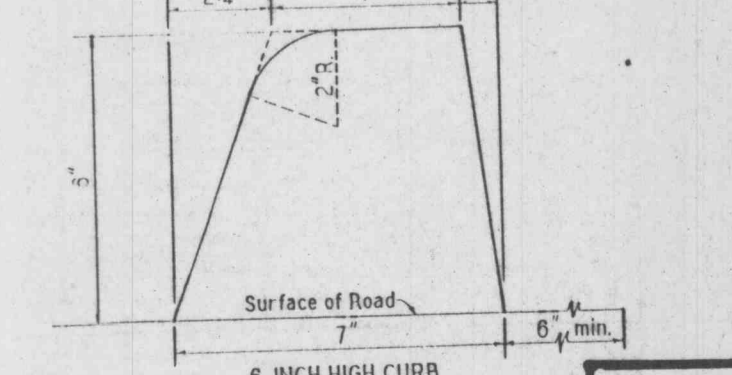
INTEGRAL CURB DETAIL 'B' AT DRIVEWAYS



MANHOLE BOXING
NOTE: Manhole castings within the pavement limits shall be boxed as shown.



3 INCH HIGH CURB (Continuous Through Driveway Entrances)



ASPHALTIC CONCRETE CURBS

NEW REVISIONS 1-70 3-73