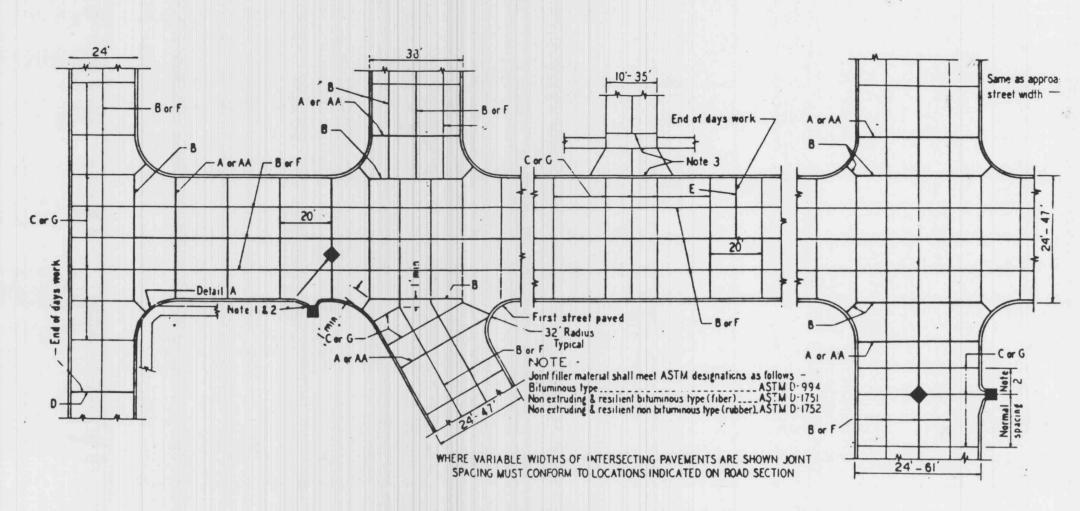
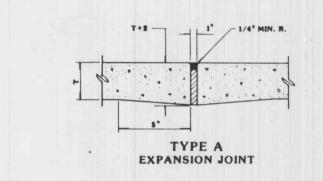
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PLAN OF JOINT LOCATION WHERE VARIABLE WIDTHS OF INTERSECTING PAVEMENTS ARE SHOWN JOINT SPACING MUST CONFORM TO LOCATIONS INDICATED ON ROAD SECTION



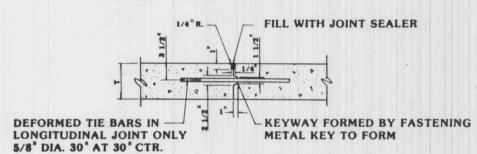
EXPANSION JOINT FILLER—FILL WITH JOINT SEALER
EXPANSION CAP

1" DIA. SMOOTH DOWEL BAR—

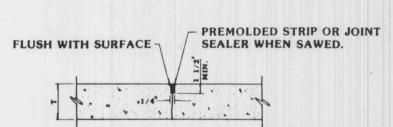
1" LUBRICATE THIS END

18" LG. AT 12" CTR.

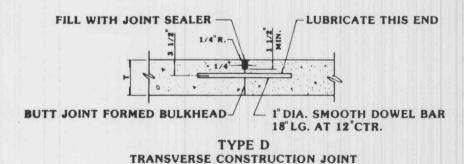
TYPE AA
ALTERNATE EXPANSION JOINT

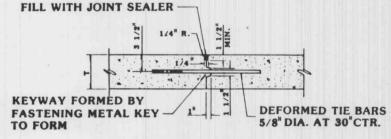


TYPE B
LONGITUDINAL CONSTRUCTION JOINT
SEE NOTE 5

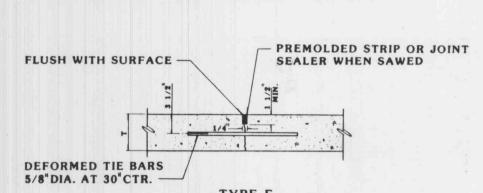


TYPE C
SAWED OR PREMOLDED STRIP
TRANSVERSE OR LONGITUDINAL
CONSTRUCTION JOINT

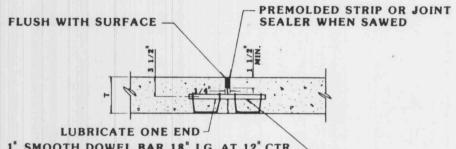




TYPE E
TIED TRANSVERSE CONSTRUCTION JOINT
(TO BE USED AT POINT NOT ON 20' JOINT SPACING)



SAWED OR PREMOLDED STRIP LONGITUDINAL CONSTRUCTION JOINT

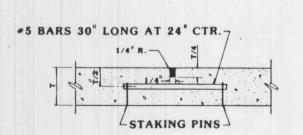


1" SMOOTH DOWEL BAR 18" LG. AT 12" CTR.

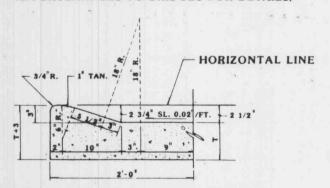
(FOR DETAILS OF DOWEL ASSEMBLIES REFER—
TO STANDARD DRAWING FOR DOWEL SUPPORTING UNITS)

TYPE G

SAWED OR PREMOLDED STRIP
TRANSVERSE CONSTRUCTION JOINT



TYPE H
SAWED JOINT WITH TIE BARS
(SEE CONCRETE APPROACH SLAB AND
APPURTENANCES TO BRIDGES FOR DETAILS)



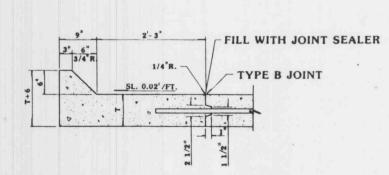
INTEGRAL ROLLED CURB

1/2" DIA. DEFORMED BAR SEE NOTES 2 AND 8.

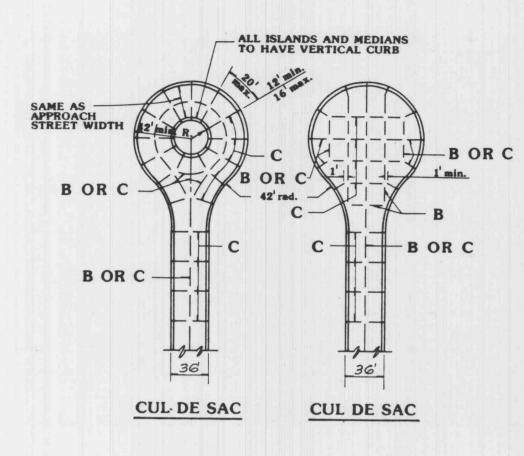
1' R.

SL. 0.02'/FT.

INTEGRAL VERTICAL CURB



MOUNTABLE CURB AND GUTTER



STREET	JOINT TYPE	JOINT AND BAR REQUIREMENTS	
SUBDIVISION COLLECTOR 32'-38' wide pavement 7" thick concrete	Transverse	TYPE C no steel bars	
	Longitudinal	Within a poured section: TYPE C no steel bars	At the edge between two poured sections: TYPE B 5/8" deformed tie bars 30" lg at 30" centers
	Expansion	TYPE A no steel bars	
SUBDIVISION MINOR 24'-26' wide pavement 6" thick concrete	Transverse	TYPE C no steel bars	
	Longitudinal	Full Width Construction TYPE C no steel bars	Half Width Construction: TYPE B modified with 1/2" deformed tie bars 30" lg at 30" center
	Expansion	TYPE A no steel bars	

GENERAL NOTES

This guide illustrates entrance details for minimum situations. Traffic volumes generated, safety considerations, drainage

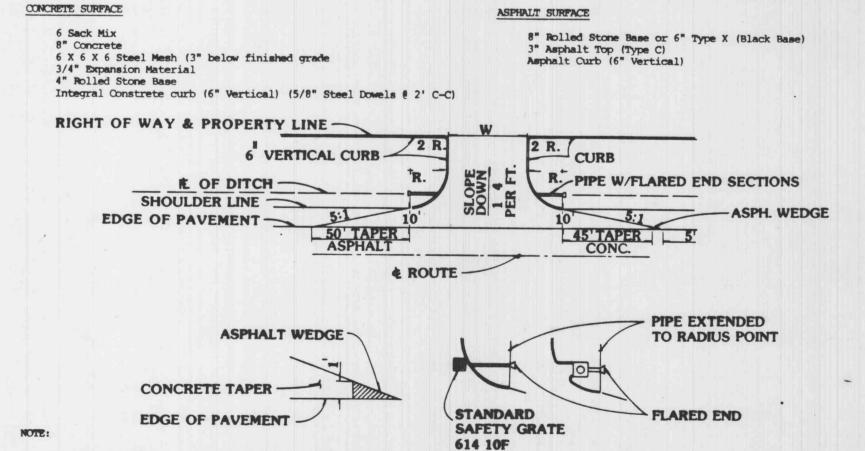
considerations, local requirements, etc., may dictate more.

- 1. Do not scale drawing. Follow dimensions.
- 2. All catch basins shall be separated from the pavement and curb by expansion joint material extending completely through curb and slab. Manhole casting within the pavement limits shall be boxed as shown in the "Sewer Construction Details."
- 3. 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 or between corners of rectangular structures.
- Driveway configurations are shown in the "Entrance Construction Details."
- Construction joint and tie bars may be omitted when curb is poured integral with pavement.
- 6. Minimum Thickness for Pavement is:

	CONCRE

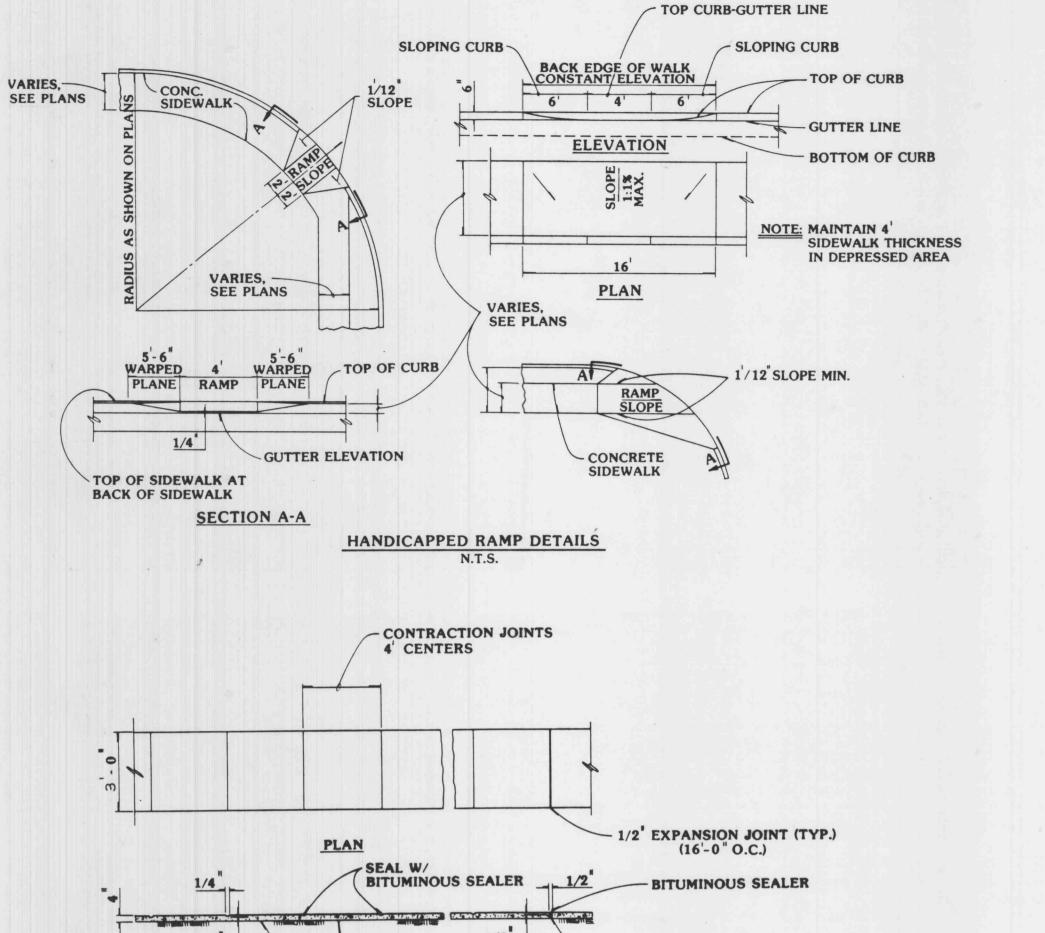
Subdivision or Minor Streets	6
Major or Industrial Streets	7
Arterial or Industrial Streets	8

- 7. Refer to Pavement Construction Details "Joints and Curbs" for joint and bar requirements. Note that width and location of each poured portion of the pavement may change the type and location of joint required.
- 8. Transverse or longitudinal construction joint in slip formed pavements may be made with a groover or tool, if such device has been approved in advance by the Department.
- 9. The locations of the Type B and Type F longitudinal construction joints in the sections may be interchanged for the different widths of construction if approved by the Department.



A GUIDE FOR DESIGN OF COMMERCIAL ENTRANCES
30' TO 60' AT 15' FROM EDGE OF PAVEMENT & R/W LINE
STATE HIGHWAY ENTRANCE DETAIL

GRATE INLET / CURB INLET



PREPARED SUBGRADE

SECTION

SIDEWALK DETAIL

N.T.S.

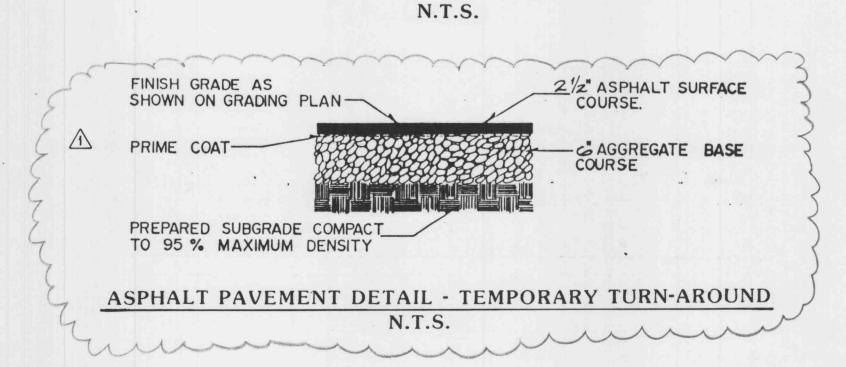
1 1/2"

CLASS A CONCRETE

R/W R/W 50' 36' P.G. +.03 PROFILE GRADE (P.G.) 3:1 (MAX.) -3:1 (MAX.) ٠. ٠ INTEGRAL ROLLED -CURB (SEE DETAIL) PREPARED -SUBGRADE CONSTRUCTION 7" NON -REINFORCED CONCRETE JOINT

PRE-MOLDED JOINT FILLER

(36' WIDE P.C. CONC. PAVEMENT)



ROADWAY DETAILS