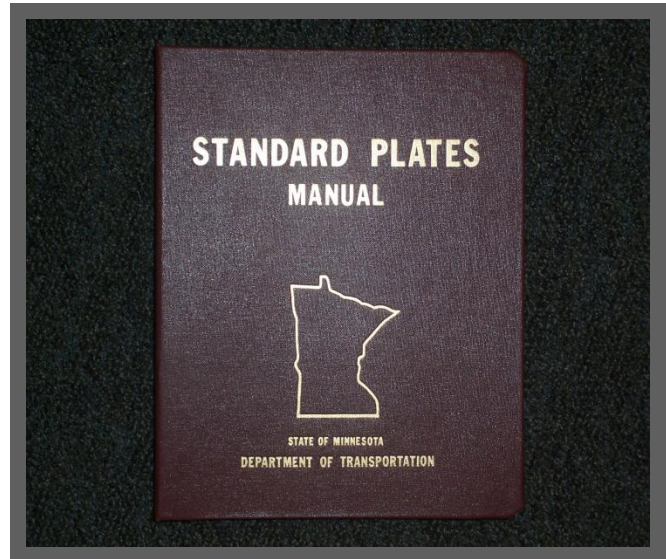


# STANDARD PLATES

Standard plates are drawings, that specify the details of items being furnished, constructed, and installed on a construction project. Persons working on traffic signal and roadway lighting design, plan reviews, inspection, construction, or maintenance of traffic signals and roadway lighting should have these plates in their possession and be familiar with them.



All standard plates are approved by the Minnesota Department of Transportation and the Federal Highway Administration before being issued. Therefore, they do not have to be approved on a project-by-project basis.

Although the Standard Plates are not physically included in the plans, they are referenced in them; thus, becoming part of the plan. The plates that apply to a specific project are listed in the Standard Plates Chart on the plan and are referenced using the plate number.

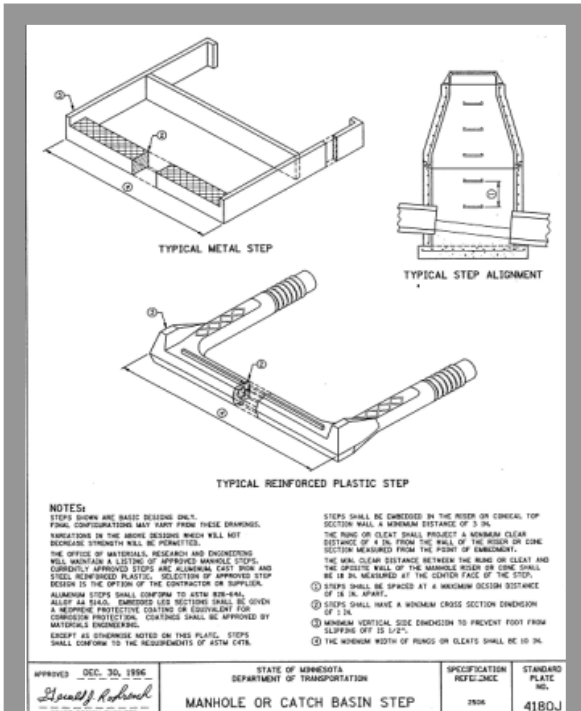
The Standard Plates manual is divided into nine chapters or series.

<b>STANDARD PLATES</b>	
BLANK .....	0000 SERIES
PAVEMENT.....	1000 SERIES
BLANK .....	2000 SERIES
CULVERTS AND APPURTENANCES.....	3000 SERIES
SEWER APPURTENANCES.....	4000 SERIES
EROSION CONTROL STRUCTURES .....	5000 SERIES
BLANK .....	6000 SERIES
CURB, CURB AND GUTTER, SIDEWALK.....	7000 SERIES
BARRICADES, SIGNALS, MARKERS, ETC.....	8000 SERIES
MISCELLANEOUS .....	9000 SERIES

The **0000 series Specification Reference**. This section lists the Standard Specifications that apply to each Standard Plate. For example; Plate 8124 Mast Arm Signal Head Mounts.

The **1000 series - Pavement**, contains approximately 5 five plates.

The **2000 series** is left **blank** and contains no plates.



The **3000 series - Culverts and Appurtenances**, contains about 40 plates.

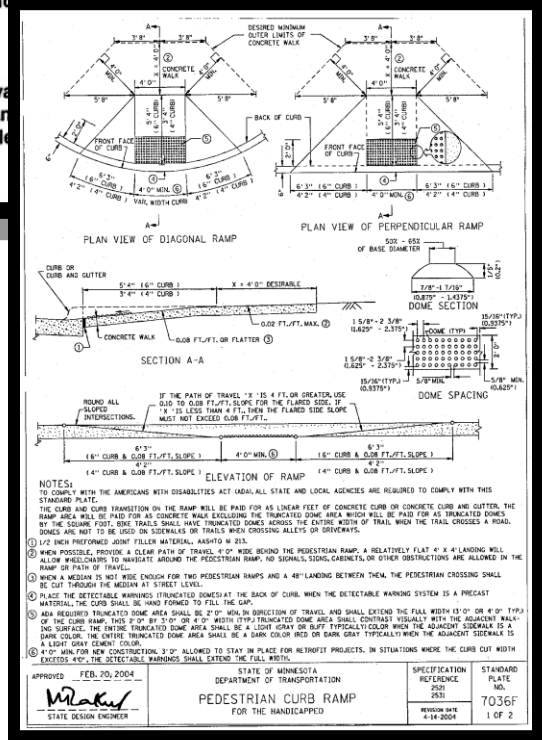
The **4000 series - Sewer Appurtenances**, contains approximately 40 plates.

The **5000 series - Erosion Control Structures**, contains 1 plate.

The **6000 series - Retaining Walls**, contains no plates at this time.

**7000 SERIES—CURB, CURB AND GUTTER, SIDEWALK**

7000	E	Integrant Curbs (Design B, Design V, and Design D)
7020	J	Concrete Curb (Design B, Design V, Design S, Design DR and Design BR)(2 Sheets)
7035	K	Concrete Walk & Curb Returns at Entrances
7036	D	Pedestrian Curb Ramp (For The Handicapped)
7065	C	Bituminous Curb
7100	G	Concrete Curb and Gutter (Design B and Design V)
7102	I	Concrete Curb and Gutter (Design BR, D, S, B4, B5 and B5A)(2 Sheets)
7105	C	Concrete Median (Mountable Type)
7107	H	Entrance Nose (Urban Design)
7108	F	Exit Nose (Urban Design)
7109	C	Median Nose and Island (Undivided to Divided Roadway)
7111	J	Installation of Catch Basin Castings (Concrete Curb and Gutter)
7112	C	Installation & Reinforcement of Catch Basin & Manhole (Integrant Curbs)
7113	A	Concrete Approach Nose Detail

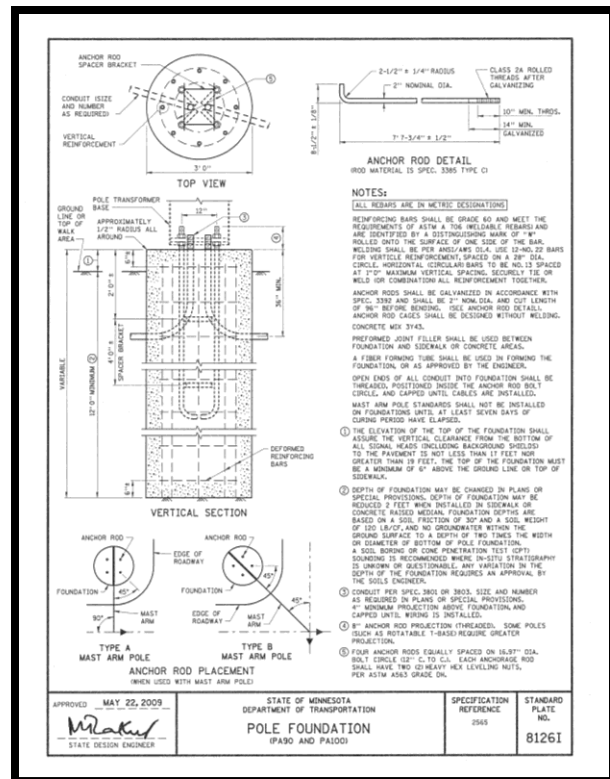


The **7000 series - Curb, Curb and Gutter, Sidewalk** - contains approximately 37 plates among which is Plate 7036 - Pedestrian Curb Ramp for the Handicapped. These are installed at nearly every signal. The locations of pedestrian cross walks and stop bars are very important, They directly affect the locations of the signal components (i.e. mast arm poles standards, handholes, loop detectors, etc.).



The **8000 series - Barricades, Signals and Markers**, contains approximately 37 plates, 18 of which cover many principal items used in traffic signal and roadway lighting construction.

The **9000 series - Miscellaneous**, contains about 11 plates and covers everything from Approaches and Entrance to minimum standards for barbed-wire fence.



The Standard Plates manual is frequently updated as design practices and technology changes, as a result, if you purchase a Manual, you can receive any revised plates when Mn/DOT distributes them. When a revised standard plate is received, the new plate must be added and old one removed from the standard plate manual. Revised standard plates can also be downloaded from the Mn/DOT WEB site.

The WEB site [www.dot.state.mn.us/design/standard-plates](http://www.dot.state.mn.us/design/standard-plates) is the location of all up-to-date individual Mn/DOT Standard Plates that can be individually downloaded at no cost.

The Standard Plates Manual (and other publications such as the Standard Specifications for Construction Book) can be obtained from the Mn/DOT Maps and Manual Sales Unit located in the Transportation Building in the Capitol Complex. Their telephone number is **651/366-3017**.

