

STORM DRAIN STANDARDS

THE CITY OF THOUSAND OAKS HAS ADOPTED SECTION 3, FLOOD CONTROL AND STORM DRAIN FACILITIES, OF THE SPPWC, AS THE OFFICIAL CITY STANDARDS FOR STORM DRAIN CONSTRUCTION, WITH THE FOLLOWING MODIFICATIONS:

1. CATCH BASINS

- A. REINFORCING STEEL SHALL BE REQUIRED IN ALL CATCH BASIN WALLS, BASES, AND DECKS. MINIMUM REINFORCEMENT SHALL BE #4 REBAR AT 12" CENTERS BOTH WAYS. ADDITIONAL AND/OR HEAVIER STEEL REINFORCEMENT MAY BE REQUIRED IN ACCORDANCE WITH THE SPPWC.
- B. EXPOSED EDGES OF INLET OPENING FACE PLATES SHALL BE ROUNDED OFF (NO SHARP EDGES).
- C. GRATED INLETS ARE NOT ALLOWED WITHIN PUBLIC R/W.
- D. STEPS SHALL NOT BE INSTALLED IN CATCH BASINS.
- E. CONCRETE FOR CATCH BASINS SHALL BE PER PLATE NO. 1-6.

2. MANHOLES

- A. MANHOLE AND JUNCTION STRUCTURE ACCESS FRAMES AND COVERS SHALL CONFORM TO SPPWC 632 WITH A MINIMUM CLEAR INSIDE DIAMETER OPENING OF 30".
- B. ACCESS COVER FOR CITY-MAINTAINED DRAINAGE FACILITIES SHALL BE CAST WITH 1-1/2" HIGH LETTERS "CITY OF THOUSAND OAKS" AND "STORM DRAIN". FOR PRIVATELY-MAINTAINED FACILITIES, COVERS SHALL BE CAST WITH 1-1/2" HIGH LETTERS "STORM DRAIN".
- C. MANHOLE AND JUNCTION STRUCTURE ACCESS SHAFTS SHALL BE A MINIMUM 48" INSIDE DIAMETER.
- D. STEPS SHALL NOT BE INSTALLED IN MANHOLES.

3. LOCAL DEPRESSIONS

- A. CATCH BASIN LOCAL DEPRESSION SHALL CONFORM TO SPPWC 313 CASE E, WHERE DIMENSION "M" IS SAME AS GUTTER WIDTH (TYPICALLY 18"), DIMENSION "K" IS 5' OF FULL HEIGHT CURB, AND DIMENSION "H" (ADDITIONAL GUTTER DROP AT INLET OPENING) IS 1".
- B. ROLLED CURB TO STANDARD CURB TRANSITION LENGTH SHALL BE 10' EACH SIDE OF THE LOCAL DEPRESSION TRANSITION "K".
- C. LESSER TRANSITION LENGTHS MAY ONLY BE USED IF NECESSARY TO AVOID CONFLICTS WITH OTHER IMPROVEMENTS, AS APPROVED BY THE CITY ENGINEER.

				APPROVED: 	
CHANGE	DESCRIPTION	DATE	INITIAL	CITY ENGINEER	DATE