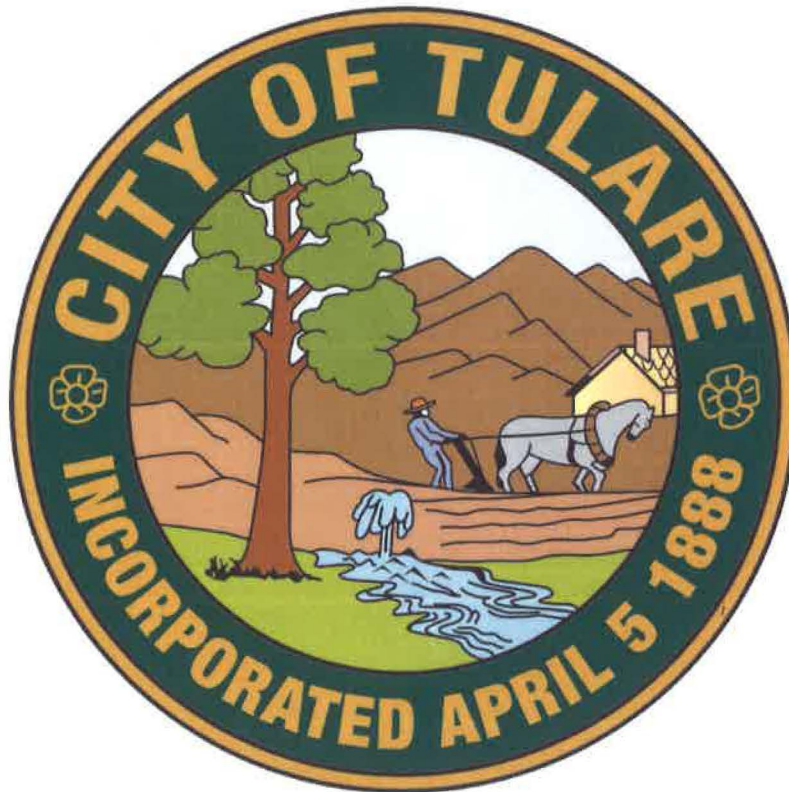


CITY OF TULARE DESIGN GUIDELINES AND PUBLIC IMPROVEMENT STANDARDS

November, 2016



Approved By: Michael W. Miller

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ADOPTED BY THE CITY COUNCIL OF THE CITY OF TULARE BY RESOLUTION NO. 16-58
November 15, 2016

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**CITY OF TULARE DESIGN GUIDELINES AND
PUBLIC IMPROVEMENT STANDARDS**

NO.

2016 Edition

1000 - GENERAL

DESIGN GUIDELINES.....	1010 (14 pg)
GENERAL CONCRETE NOTES.....	1020 (2 pg)

2000 - PARKING & DRIVEWAY STANDARDS

DRIVEWAYS

DRIVEWAY LOCATIONS	2110
RESIDENTIAL DRIVE APPROACH (TYPE I).....	2111
RESIDENTIAL DRIVE APPROACH (TYPE II).....	2112
RESIDENTIAL DRIVE APPROACH (TYPE III).....	2113
MULTIPLE FAMILY/OFFICE/COMMERCIAL DRIVE APPROACH WITH CURB RETURNS).....	2114
RETAIL COMMERCIAL AND INDUSTRIAL DRIVE APPROACH (ADJ. SIDEWALK).....	2115
MAJOR COMMERCIAL OR INDUSTRIAL DRIVE APPROACH.....	2116
INFILL DRIVE APPROACH	2117

PARKING

PARKING STANDARDS.....	2210 (2 pg)
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3000 - DRAINAGE

CATCH BASINS

STORM WATER DROP INLET.....	3110 (2 pg)
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UNDERDRAINS

EMBEDDED DRAINAGE PIPING UNDER SIDEWALK.....	3210
SIDEWALK UNDERDRAIN WITH COVER PLATES.....	3215 (2 pg)

STORM DRAIN OUTLETS

CAST-IN-PLACE OUTLET STRUCTURE.....	3310 (2 pg)
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STORM DRAIN MANHOLES

(SEE SECTION 6600 – MANHOLES)

4000 - CURB, GUTTER, & SIDEWALK

CURB & GUTTER AND MISCELLANEOUS CURBS

CONCRETE CURB & GUTTER AND BARRIER CURBS.....	4010
TRAFFIC BARS, A.C. DIKE AND DOWELED CURB.....	4015

CURB RAMPS

20' RADIUS CURB RETURN WITH ACCESSIBLE RAMP.....	4110
30' RADIUS CURB RETURN WITH ACCESSIBLE RAMP.....	4120
35' RADIUS CURB RETURN WITH ACCESSIBLE RAMPS.....	4130
PARALLEL ACCESSIBLE RAMP AT CURB RETURN.....	4140
PARALLEL ACCESSIBLE RAMP.....	4150
ACCESSIBLE RAMP SECTIONS.....	4160
DETECTABLE WARNING SURFACE.....	4170

CROSS GUTTERS

ALLEY CROSS GUTTER AND VEE-GUTTER.....	4210
STREET CROSS GUTTER.....	4220

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4000 - CURB, GUTTER, & SIDEWALK (CONTINUED)

MEDIANS

MEDIAN ISLAND	4310
3' OR 4' MEDIAN NOSE	4315
1' OR 2' MEDIAN NOSE	4316

SIDEWALKS

SIDEWALK – RESIDENTIAL WITH PARKWAY	4410
SIDEWALK – INDUSTRIAL/COMMERICAL ADJACENT TO CURB	4420
SIDEWALK – INDUSTRIAL/COMMERCIAL WITH PARKWAY	4430

MISCELLANEOUS

SIDEWALK REPAIR	4910
CURB AND GUTTER REPAIR	4911
CURB REMOVAL AT NEW DRIVE APPROACH	4912
SIDEWALK TRANSITIONS AND INTERSECTIONS	4913
BUS TURNOUT	4920

5000 – WATER QUALITY DETAILS

PARKWAY SWALE	5010 (2 pg)
CONCRETE INLETS/OUTLETS AT PARKWAY SWALES	5015
CONCRETE INLETS/OUTLETS FOR SWALES (WITH WINGWALLS)	5016

6000 – UTILITIES

UTILITY LOCATIONS	6010
TRENCH BACKFILL/PATCH PAVING	6020
STANDARD MANHOLE FRAME AND COVER	6025
UTILITY COVER – GRADE ADJUSTMENT AND P.C.C. COLLAR	6030
SEWER AND STORM DRAIN CONNECTION TO EXISTING MAIN	6035

WATER - SEWER

WATER – SEWER SEPARATION CRITERIA TEXT	6110 (4 pg)
WATER – SEWER SEPARATION CRITERIA DETAILS	6120

WATER SERVICES

METERED WATER SERVICES ¾" TO 2"	6210
MANIFOLD – MULTIPLE WATERED SERVICES	6215
DUAL BODY COMPOUND METERED SERVICE, 3" TO 6"	6220
OCTAVE METERED SERVICE, 3" TO 6"	6225
SERVICE METER SCHEDULE (DUAL BODY COMPOUND AND OCTAVE, 3" TO 6")	6230
3" TO 6" METERED SERVICE WITH METERED BYPASS	6235

WATER MAINS

FIRE HYDRANT ASSEMBLY	6310
FIRE HYDRANT	6315
FIRE HYDRANT REPLACEMENT	6320
WATER VALVE AND WELL	6325
VALVE TO FITTING RESTRAINT	6330
WATERLINE TIE-IN	6335
BLOW-OFF ASSEMBLY	6340

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6000 – UTILITIES (CONTINUED)

WATER MISCELLANEOUS

DOUBLE CHECK DETECTOR ASSEMBLY	6410
REDUCED BACKFLOW PREVENTER ¾" TO 10"	6415
UPPER BEND ANCHOR BLOCK	6420
THRUST BLOCKS	6425
WATER MONITORING STATION	6430
WELL ABANDONMENT	6435
FIRE DEPARTMENT CONNECTION	6440
FIRE MAIN BUILDING CONNECTION	6445

MANHOLES

TYPE I MANHOLE	6610
TYPE II MANHOLE	6611
TYPE III MANHOLE	6612
TYPE IV MANHOLE	6613
SANITARY SEWER DROP MANHOLE	6615 (2 pg)
SANITARY SEWER CONTROL MANHOLE	6620

SANITARY SEWER MAINS

SEWER CLEANOUT AND WELL	6710
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SANITARY SEWER SERVICES

SANITARY SEWER LATERAL	6810
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SANITARY SEWER MISCELLANEOUS

INDUSTRIAL TRAP	6910
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7000 - STREETS & TRAFFIC

STREET SECTIONS

CUL-DE-SAC AND LOCAL STREET SECTIONS	7020
CUL-DE-SAC AND LOCAL STREET SECTIONS WITH ADJACENT SIDEWALKS	7021
COLLECTOR STREET SECTION	7030
COLLECTOR STREET SECTION, LANE CONFIGURATION	7031
INDUSTRIAL STREET SECTION, LANE CONFIGURATION	7032
4-LANE MINOR ARTERIAL STREET SECTION	7040
4-LANE MINOR ARTERIAL STREET SECTION, LANE CONFIGURATION	7041
4-LANE MAJOR ARTERIAL STREET SECTION	7050
4-LANE MAJOR ARTERIAL STREET SECTION, LANE CONFIGURATION	7051
4-LANE MAJOR ARTERIAL STREET SECTION, LANE CONFIGURATION WITH CLASS I BIKE PATH	7052
6-LANE MAJOR ARTERIAL STREET SECTION	7060
6-LANE MAJOR ARTERIAL STREET SECTION, LANE CONFIGURATION	7061
BICYCLE/PEDESTRIAN TRAIL	7080
ALLEY PAVING SECTIONS	7090

GEOMETRY

HAMMERHEAD TURNAROUND, PRIVATE STREET	7110
TEMPORARY HAMMERHEAD TURNAROUND, PUBLIC STREET	7111
LOCAL STREET BULB CONNECTION	7120
LOCAL STREET 90° NON-BULB CONNECTION	7121
INDUSTRIAL STREET BULB CONNECTION	7125
RESIDENTIAL CUL-DE-SAC	7130
INDUSTRIAL CUL-DE-SAC	7135
MAXIMUM BLOCK LENGTH	7140
1-WAY LEFT TURN MEDIAN OPENING (18' WIDE MEDIAN)	7150
2-WAY LEFT TURN MEDIAN OPENING (18' WIDE MEDIAN)	7151
1-WAY LEFT TURN MEDIAN OPENING (30' WIDE MEDIAN)	7152

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2-WAY LEFT TURN MEDIAN OPENING (30' WIDE MEDIAN)	7153
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7000 - STREETS & TRAFFIC (CONTINUED)

TRAFFIC CONTROL

STREET BARRICADE	7210
STREET SIGN LOCATIONS	7220
STREET SIGN/STOP SIGN COMBINATION	7225
SIGHT TRIANGLE CLEARANCE	7230
LADDER – STYLE CROSSWALK MARKING	7235
COLLECTOR INTERSECTION, LANE CONFIGURATION	7240
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MINOR ARTERIAL INT., LANE CONFIGURATION	7245
MINOR ARTERIAL INT., LANE CONFIGURATION (RT. TURN)	7246
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STREET LIGHTING

LOCAL STREET LIGHTING	7310
COLLECTOR STREET LIGHTING	7315
ARTERIAL STREET LIGHTING, NO MEDIAN CURB	7320
ARTERIAL STREET LIGHTING WITH MEDIAN CURB	7325

8000 – LANDSCAPING & IRRIGATION

STREET TREES

STREET TREE WELL	8010
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9000 – MISCELLANEOUS

TRASH ENCLOSURES

SINGLE WIDE TRASH ENCLOSURE	9010
DOUBLE WIDE TRASH ENCLOSURE	9015

FENCING

CHAIN LINK FENCE AND GATES	9110
FENCE FOOTING AND MOW STRIP	9115

MAILBOXES AND HOUSE NUMBERS

MAILBOX CLUSTER LOCATIONS	9210
MAILBOX CLUSTER DETAIL	9215
MAILBOX – INFILL AND REPLACEMENT ONLY	9220
HOUSE NUMBER ON CURB	9225

SURVEY MONUMENTS

SURFACE SURVEY MARKER	9310
SURVEY MONUMENT & WELL	9311

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NO.

<u>AIR POLLUTION SIGNAGE</u>	
TRUCK DELIVERY SIGNAGE.....	9410
<u>GRADING AND DRAINAGE</u>	
TYPICAL RESIDENTIAL LOT DRAINAGE	9510
<u>VEHICLE IMPACT PROTECTION</u>	
PIPE BOLLARD	9610