

<u>Document No.</u>	<u>Title</u>	<u>Revision Summary</u>
Standard Details		
C-100	HAZARD MARKER PLACEMENT	Remove this detail since no longer needed. Don't have many guy wires on wooden poles anymore, and typically don't follow this standard (with the poly post) anyway.
C-112	ENGINEERED UTILITY BORE	Revision to note 7 as follows: GUIDED BORE REQUIRED PER MAG SECTION 608 AND CITY SUPPLEMENT. Removal of note 11 since now covered by note 7. See Section 608 update below.
C-200	STANDARD UTILITY LOCATIONS ARTERIAL STREETS	Minor graphical revisions for scale or consistency
C-201	STANDARD UTILITY LOCATIONS COLLECTOR STREETS	Revise 4' sidewalk dims to "S/W".
C-202	STANDARD UTILITY LOCATIONS LOCAL STREETS	Revise 4' sidewalk dims to "S/W".
C-203	MAJOR ARTERIAL STREET TYPICAL CROSS SECTION	Minor graphical revisions for scale or consistency
C-204	PHASED MAJOR ARTERIAL STREET TYPICAL CROSS SECTION	Minor graphical revisions for scale or consistency
C-205	MINOR ARTERIAL STREET TYPICAL CROSS SECTION	Minor graphical revisions for scale or consistency
C-206	COLLECTOR STREET TYPICAL CROSS SECTION	Revisions to notes for new 5' sidewalk standard and allowances.
C-208	INDUSTRIAL COLLECTOR STREET TYPICAL CROSS SECTION	Revisions to notes for new 5' sidewalk standard and allowances.
C-209	COLLECTOR BOULEVARD TYPICAL CROSS SECTION	Revisions to notes for new 5' sidewalk standard and allowances.
C-210	COLLECTOR STREET TYPICAL CROSS SECTION	Revisions to notes for new 5' sidewalk standard and allowances.
C-211	LOCAL STREET WITH MEDIAN TYPICAL CROSS SECTION	Revisions to notes for new 5' sidewalk standard and allowances.
C-212	LOCAL BOULEVARD WITH FRONTAGES LESS THAN 65' TYPICAL CROSS SECTION	Revisions to notes for new 5' sidewalk standard and allowances.
C-213	LOCAL STREET TYPICAL CROSS SECTION	Revisions to notes for new 5' sidewalk standard and allowances.
C-221	LOCAL BOULEVARD WITH FRONTAGES OF 65' TO 90' TYPICAL CROSS SECTION	Revisions to notes for new 5' sidewalk standard and allowances.
C-222	LOCAL BOULEVARD WITH FRONTAGES GREATER THAN 90' TYPICAL CROSS SECTION	Revisions to notes for new 5' sidewalk standard and allowances.
C-225	GENERAL MEDIAN DESIGN	Revised bullnose requirements, paver requirements use MAG Detail 225 and added Notes. Added Pg 2 for other standard median designs.
C-226	"LEFT IN ONLY" MEDIAN DESIGN 16' WIDE MEDIAN	Combine with C-227. New title ""LEFT IN ONLY" MEDIAN DESIGN". Show both 16' and 40' median designs. Fixed some inconsistencies with dimensions and graphics.
C-227	"LEFT IN ONLY" MEDIAN DESIGN 40' WIDE MEDIAN	Remove this detail since combined with C-226.

C-228	TYPICAL DRIVEWAY ACCESS TO PRIVATE GATED COMMUNITY	Revision to callout notes from 4' to 5' S/W.
C-232	CUL-DE-SAC	Revision to callout notes from 4' to 5' S/W. 'R' revised from 50' to 52' to allow for streetlights and meter boxes.
C-236	INTERLOCKING PAVING BLOCKS AND DECORATIVE CONCRETE TRAVELED SURFACE	Removing this detail in favor of the January 2016 revision to MAG 225, revised title "Interlocking Concrete Pavers". Revision incorporates raised median section, enhancements to construction requirements and updates to Section 342, installation specifications.
C-237	INTERLOCKING PAVING BLOCKS AND DECORATIVE CONCRETE NON-TRAVELED SURFACE	Removing this detail in favor of the January 2016 revision to MAG 225, revised title "Interlocking Concrete Pavers". Revision incorporates raised median section, enhancements to construction requirements and updates to Section 342, installation specifications.
C-238	DECORATIVE CONCRETE AT GRADE TRAVELED SURFACE	Removing this detail since no longer applicable.
C-243	SIDEWALK RAMP FOR ROLL CURB	Revision to sidewalk dimension from 4' to Sidewalk Width Per Plans.
C-250	LEFT TURN BAY IN 40' MEDIAN DESIGN	Renumber detail to C-227 to be in sequence with other median details. Fixed some inconsistencies with dimensions and graphics.
C-249	ACCESSIBLE CURB RAMP ALIGNMENT	Added note no. 4 "ALL PEDESTRIAN CROSSINGS SHALL MAINTAIN A MINIMUM 4' WIDTH AND NOT EXCEED A 2% CROSS SLOPE."
C-253	DECORATIVE CONCRETE	Removing this detail since no longer applicable.
C-257	SIDEWALK IN-LINE RAMP DETAIL FOR RETURN TYPE DRIVEWAY	Revised plan views show typical offset location required to meet the 5' maximum and option for detached sidewalk OR curb taper (attached sidewalk). Detached sidewalk option removes the blunt curb face (tip). 3 ft valley gutter allowance added (Note #6) with modified MAG 240 Section C-C. Note - TDM#4 also has verbiage regarding this allowance. Dashed lines and Note #7 added for option to use wing, curb taper or single curb.
C-261	PASSENGER LOADING ZONES AUTONOMOUS VEHICLES AND RIDE SHARING	New detail added to support Zoning Code update pertaining to autonomous vehicles and ride sharing practices.
C-301	WATER SERVICE INSTALLATION	Revision to note 10 adding reference to polymer concrete box cover PER MAG DETAIL 315.
C-303 Pg 1	FIRE HYDRANT INSTALLATION	Remove reflector requirement note no. 4 and reorder notes.
C-303 Pg 2	FIRE HYDRANT INSTALLATION COLOR CODE	Revised detail title and pg number.
C-303 Pg 3	FIRE HYDRANT INSTALLATION OUT OF SERVICE SIGNS	NEW detail added from past Fire Department Detail 123 that was removed. Required signage has been being used based on TDM requirements and Water Plan Notes, but detail needed to be reinstated.
C-305	LOCATIONS FOR NEW FIRE HYDRANT	Revised notes for clarification and enhanced references in Area With Sidewalk plan.
C-412	6" SEWER SAMPLING PORT	New detail for sewer sampling port to meet EPA Reporting requirements where Municipal Utilities can sample flows from certain manufacturing plants (haz chemicals)
C-501	DRY WELL SYSTEM DETAIL AND SPECIFICATIONS	Revision to note 12 and previous concrete at base of both chambers. Reverting to filter-fabric standard practice. Update to title where DRYWELL is one word.

C-502	PRETREATMENT DRYWELL SYSTEM	Revision to note 28 and Pureflo II assembly. New Fastflo assembly from Torrent Resources provides 50 gpm (with 2) instead of the 20 gpm. Also revise note at upper left stating rated capacity.
C-507 Pg 3	BELOW GRADE RETENTION BASIN INLET (BUBBLER BOX)	Revision to note in Section A-A clarifying that 12" pipe goes to drywell interceptor chamber.
C-509	BACKFILL DETAIL CMP UNDERGROUND RETENTION STORAGE TANK	Revisions to clarify use of ABC (and suitable native) as option to granular material. Revised trench width (from 3' MIN) and spacing (from 1') matching MAG Section 601 and manufacture's recommendations.
C-600	MEDIAN SIGNAGE	Revision to note # 1 signs to be installed 6' back of face of bullnose instead of 5, revised object marker sign graphics for scale and revised usage requirements, and removed anchor and mount details since repeated on Detail C-613.
C-601 Pg 1	STREET NAME SIGNS (FOR PUBLIC STREETS)	Minor graphical revision to City logo and upper case street extension.
C-601 Pg 2	STREET NAME SIGNS (FOR PRIVATE STREETS)	Revision for upper case street extension and dimension correction for 3" yellow stripe.
C-603	ADVANCED STREET NAMES SIGNS	ADA revision related to sign height: *HEIGHT SHALL BE EITHER 0" TO 27" OR GREATER THAN 80" OFF SIDEWALK, IF PLACED IN PEDESTRIAN CIRCULATION PATH.
C-603	ADVANCED STREET NAMES SIGNS	Revision to specify that the large median mounted street name signs be placed 2' inside of the median curb face.
C-605 Pg 1 & 2	NEARSIDE STREET NAME SIGNS	Revisions to both public and private signs including lettering size, upper/lower case, city logo and removing the extrusion.
C-606	INTERNALLY ILLUMINATED STREET NAME SIGN	Revision to sign faces requirement to be polycarbonate vs acrylic. Also, reverting back to helvetica vs clearview typestyle.
C-611	HANDICAP PARKING SIGN	Revision to title changed to ACCESSIBLE PARKING SIGN. Revisions to notes for sign height at 7' when placed in pedestrian circulation path.
C-612	HANDICAP PAVEMENT PARKING SYMBOL	Revision to title changed to ACCESSIBLE PAVEMENT MARKING SYMBOL. Revisions to symbol measurements and requirements.
C-613	SIGN POST AND BASE	Revision to Detail A and Detail B related to size and type of bolt. Revision to notes related to removal of holes for street name signs.
C-614	PAVEMENT MARKING DETAILS	Revision to both Double Yellow and Two-Way Left Turn Lane changing spacing between lines from 3" to 4".
C-617	MEDIAN NOSE PAINTING	New detail for median nose painting requirements.
C-622	ARTERIAL ROADWAY MARKINGS (W/O MEDIANS)	Revision to clarify use of C-614 pavement marking detail for striping widths and C-623 for intersection markings.
C-623	INTERSECTION MARKINGS (WITH MEDIANS)	Revised notes adding numbers for consistency.
Technical Design Manuals		
TDM #1&2	Water and Wastewater System Design	Remove FH reflector requirements from pg 13 and 16.
TDM #1&2	Water and Wastewater System Design	Revisions to FH installation requirements on pg 13 per discussions with Fire Department
TDM #1&2	Water and Wastewater System Design	Revision to pg 9, item IV. Acceptable Pipe material, adding paragraph regarding fire line material requirements.

TDM #1&2	Water and Wastewater System Design	Revision to pg 22, item I. Manholes to require cast-in-place manhole bases.
TDM #1&2	Water and Wastewater System Design	Revision to pg 21, item G. Gravity Sewer Lines, General. Added paragraph stating protection requirements for City sewer system and revised existing CCTV paragraph for clarification.
TDM #3	Drainage Policies and Standards	Figures 6.3 Aluminized Pipe and 6.4 Galvanized Pipe replaced with NEW figure 6.3, updated chart for estimating average service life for galvanized CSP (latest industry standard) and coatings guide. Also, revisions to Section 6.11.3 related to table and CSP requirements.
TDM #4	Street Design and Access Control	Entire manual has been reorganized and consolidated where appropriate. Revisions include a new section for on-street parking on private residential streets requirements, sidewalk width requirements, and revisions to tables and figures.
TDM #6	Streetlight Design	Revisions to details SL-1, SL-1A, SL-4, SL-6, SL-8, SL-15, and SL-16 where top of foundation says 2" min. Revise in all locations adding note "when in sidewalk pour flush, otherwise place 2" above grade".
TDM #6	Streetlight Design	Revision to details SL-5 to davit arm use for arterial, collector and local streets and notes cleanup.
TDM #6	Streetlight Design	Revision to page 4, Section 2.2, item G (1) and (2) updated the maximum wattages language and change from 160 to 140 for arterial streets.
TDM #6	Streetlight Design	Revision to page 5, removing item N. Maximum LED drive current shall not exceed 1,000mA.
TDM #6	Streetlight Design	Revision to page 5, adding item under 2.2 LED Luminaires: "Luminaire photocontrol receptacle shall be designed and constructed to accept a standard plug type, locking, three-pole, three-wire, streetlight photo control. Photocontrol receptacle shall also be configured with the addition four conductive pads, as defined in ANSI C136.41.."
TDM #6	Streetlight Design	Revision to page 5, revising W. Approved manufactures. Item b changed to "Cree LEDWay".
TDM #6	Streetlight Design	Revision to page 8, revising Section 3.2, B SL-16 regarding powder coating requirements.
TDM #6	Streetlight Design	Revision to page 9, revising Section 3.2, item D. Existing Poles repainting requirements. Also, revision to Section 3.3, item B Paint requirements item SL-1.
TDM #6	Streetlight Design	Revision to page 14, adding item 6 under Developer/Contractor requirements: "Contractor shall limit street light outage to no more than three calendar days."
TDM #6	Streetlight Design	Revision to detail APPENDIX A removing 'Minimum' from Average Foot-Candles in table and in paragraph below table and maximum light level changed from 20% to 10%.
TDM #8	Landscape Design	Entire manual has been reorganized and consolidated to remove duplication where appropriate. Revisions include removal of Parks, updating references to landscape details, harmonizing with current landscape plan checklist requirements and incorporating many other comments received.
Specifications (Supplements to MAG)		

SECTION 336	PAVEMENT MATCHING AND SURFACING REPLACEMENT	Added joint sealing requirements per Section 337 unless otherwise directed by Street Superintendent.
SECTION 608	HORIZONTAL DIRECTIONAL DRILLING	New City Supplement revising Section 608.4.4 to require a bore profile per City requirements.
SECTION 610	WATERLINE CONSTRUCTION	Additions to Section 610.4 Construction to clarify valve shutdown requirements, use of line stops and MOPO requirements.
SECTION 610	WATERLINE CONSTRUCTION	Removed testing requirements Section 610.15 and added to new Section 611 to coincide with changes to MAG.
SECTION 611	WATER, SEWER AND STORM DRAIN TESTING	New supplement to coincide with changes to MAG specifications. MAG consolidated testing requirements into a new Section 611.
SECTION 615	SEWER LINE CONSTRUCTION	Remove this section in favor of MAG updates including new MAG Section 740 for polypropylene pipe and revisions to Section 601 for pipe bedding requirements.
SECTION 618	STORM DRAIN CONSTRUCTION	Remove this section in favor of MAG updates including new MAG Section 740 for polypropylene pipe and revisions to Section 601 for pipe bedding requirements.
SECTION 739	POLYPROPYLENE PIPE & FITTINGS FOR STORM DRAIN AND SANITARY SEWER	Remove this section in favor of new MAG Section 740 for polypropylene pipe.