

EDS&PM 2017 Standards Update  
 Comparison to the 2012 Standards

Section	New Section (Y/N)	Changes
Chapter 0		
0.2.1	N	Plan Approval Block has been added.
0.2.2	N	The Plan Preparer is now responsible for adding the City of Goodyear Signature/Approval Block.
0.2.3	N	Text has been updated
0.4.1	N	Note T has been added to the general notes for construction.
0.4.3.h	N	Text has been updated
0.4.3.L	N	Text has been updated
0.4.9	N	Notes O and P were added to standard general notes for street construction.
0.4.10	N	General notes for signing and striping have been updated.
0.4.14	Y	The standard general notes for traffic signal plans have been added.
0.4.15	Y	The standard general notes for utility construction have been added.
0.4.16	Y	The standard general notes for street lights have been added.
Chapter 1		
1.1.1	N	Abbreviations were added and Section C was added.
1.1.2	Y	Improvements section has been added.
1.1.3	Y	Construction section has been added.
Chapter 2		
2	N	Updates to the bonding requirements have been made throughout Chapter 2.
2.2.2.D	N	The Dry Utility Plan Review requirements have been updated.
2.3.4	N	Section has been updated.
2.9.1	N	Sections 2.9.1 through 2.9.7 have been combined into 2.9.1, and Subdivision Bonds has been updated to Performance Bond.
2.11.2-8	N	Sections 2.11.2 through 2.11.8 have been combined into one section.
2.12	N	An expiration date has been added to the plan review process for resubmittals.
2.14.3	Y	The construction starts for certain types of work section has been.
2.14.8	N	Section 2.14.8 Final Inspections, now section 2.14.9, has been modified.
2.15.2.B	N	Sections 2.15.2.B and C have been combined into 2.15.2.A and the options for obtaining a Letter of Acceptance or Notice of Approval have been changed.
Chapter 3		
3.2.2	N	Section 3.2.2 Drainage Report Preparation has been reorganized for clarity and to provide better direction.
3.2.4.C	Y	The Mass Grading Section has been added.
3.2.4.D	Y	The "At-Risk" Permit Section has been added.
3.3-1	N	Table 3.3-1 has been updated for clarity.
3.3.2.F	N	Section 3.3.2.F, now section 3.3.1.C.6, has been updated to now require "No Dumping" markers to be placed on all scuppers, storm drain inlets and culvert headwalls.
3.3.5.A	N	Now Section 3.3.4.A. The Pipes section has been updated.
3.3.6.l	N	Section 3.3.6.l Stormwater Retention Waiver, now section 3.3.5.J, has been updated.
3.3.7	Y	A section on Stormwater Maintenance Agreements has been added.
-	Y	A Drainage Report Outline has been added to the end of Chapter 3.

Chapter 4		
4.1.2	N	Table 4.1.2 Standard Street Light Design has been updated.
4.1.3.A.9	Y	A new section specifying that the minimum number of access points for single-family and multi-family shall be regulated by the International Fire Code.
4.1.3.B.2	N	Section revised to require dry utilities to be placed within the PUE except at roadway crossings.
4.1.3.B.4	N	Cul-de-sac circular right-of-way dimensions were changed from a 45-foot to a 50-foot radius.
4.1.3.C	N	The right turn lane requirements have been updated.
4.1.3.D	N	Requirements for Traffic Calming Devices have been updated.
4.1.3.H	N	The minimum centerline radius for arterial streets has been added
4.1.3.K.6	N	The turning lane section has been updated.
4.1.4.E.2.b	N	The unimpeded, uninterrupted driveway lengths have been updated.
4.1.7.A	N	Street construction standards have been updated.
4.1.7.B.3	N	Missing text from 2012 update has been added.
4.1.10	N	The Street Lighting Section has been updated in its entirety.
4.1.11	Y	A section on Supplemental Development Guidelines has been added.
4.1.12	Y	A section on Streetlight Location Layouts has been added.
4.1.13	Y	A section on Bridge Specifications has been added.
4.2.2	N	The traffic signal needs study section has been updated.
4.2.6	N	Sections C, E, F, and G have been updated.
4.2.7	N	Section C has been updated.
4.2.8	N	Traffic signal controller requirements have been updated.
4.2.9	N	Sections A and B have been updated.
4.2.11	N	CCTV requirements have been updated.
4.2.12.E	N	Engraved metal address tags are required on all meter pedestals.
4.2.14	N	The Pull Box section has been updated.
4.2.15	N	The Lighting section has been updated.
4.2.16	N	The Signal Support Structures section has been updated.
4.2.19.A	N	Now Section 4.2.18.A. The pullbox depth requirements have been updated.
4.2.25.B	N	Now Section 4.2.24.A. The ground resistance tests shall be preformed by a certified independent testing agency.
4.5.2.B.4	Y	The Retro-Reflective Pavement Marker Requirements section has been added.
4.5.4.A.5	N	Now Section 4.5.3.A.5. The minimum distance past the limits of construction for showing all existing signing and pavement markings has changed.
Chapter 5		
5.1-1	N	Table 5.1-1, Light Industrial Demand has been updated and note below the table has been updated.
5.1.2.C	N	Sections 2, and 5 have been updated.
5.1.2.D	N	The 2-year warranty period begins after the City has received and approved As-Built plans.
5.1.3.B	N	Section 1 has been updated and section 11 has been added.
5.1.3.C	N	Sections 4, 11, 13, 14, 20, and 21 have been updated.
5.1.3.D	N	Sections 2, 4, 16, 17, 19, 20, and 21 have been updated.
5.1.3.E	N	Sections 14, 17 and 21 have been updated.
5.1.3.F	N	Sections 2 and 10 have been updated.

5.1.3.G	N	Sections 1 and 2 have been updated.
5.1.4.A	N	The traceable tape shall be placed a minimum of 24-inches above the water main.
5.1.4.B	N	Section 5 has been added.
5.1.4.D	N	The Water Lines Service Connections section has been updated and the Water Service to Commercial Development subsection has been added.
5.1.4.F	N	Sections 2 and 4 have been updated.
5.1.4.G.6	N	Water lines located in areas not accessible by normal excavation shall be sleeved using steel or concrete pipe rather than PVC.
5.1.4.J.3	N	The water line termination section has been updated.
5.1.5.A	N	Section 1b, 1d, 2a, 2f, and 2h have been updated.
5.1.5.B	N	Air release valves are now required on all water mains that meet the requirements of subsections 1 through 6.
5.1.6.A	N	Sections 4 and 5 have been updated.
-	Y	A Water Report Outline has been added to the end of Chapter 5.
Chapter 5.2		
5.2.1	N	Section B - City Policies has been updated and Section C - Qualifying Developments has been added.
5.2.2.A	N	Section 1 and 2 have been updated.
5.2.3.B	N	Sections 1 and 2 have been updated.
5.2.3.C	N	Section 1 has been updated.
5.2.4.A	N	Section 1 was updated to specify City reclaimed water use approved developments rather than all developments.
5.2.4.C	N	Section 6 has been updated.
5.2.4.D.2	N	Section f has been updated to specify that all reclaimed water meters shall be installed by City personnel.
Chapter 6		
6.3-1	N	Table 6.3-1 - Minimum slopes for pipe sizes 12-inches and larger have been updated.
6.3.1.E	N	Section 3 has been updated.
6.3.1.G	N	The Intersection Lines section has been updated.
6.3.1.J	N	The d/D requirements were added.
6.3.2.A	N	Section 4 has been updated.
6.4.2.A	N	The sewer lift station requirements have been updated.
6.4.3.S	N	The sewer lift station electrical specification information has been updated.
6.4.3.H	N	The sewer lift station access hatch requirements have been updated.
6.5.3	N	The Reclaimed Water section has been updated.
-	Y	A Sewer Report Outline has been added to the end of Chapter 6.
Chapter 7		
7.1.1.A	N	The Developer is responsible for all utility payments (water and electric) until the warranty period is over.
7.1.1.B	N	The Contractor is responsible for all utility payments (water and electric) until the warranty period is over.
7.2.2.C	N	Sections 5 and 9 have been updated.
7.2.2.E	N	The Median Grading section has been updated.
7.4.2.C	N	Winter grass seed is not acceptable as a permanent turf seed.
7.4.3.C	N	Section 4 has been updated.

7.4.3.E	N	The side slopes for the water basin at the base of each tree shall be no greater than 6:1.
7.6.3.D.1	N	Section e requirements for Plastic Pipe , Fittings and Connections on Laterals have been updated.
7.6.4.C	N	Now Section 7.6.4.A. Sprinkler heads shall be 4-inches from adjacent existing walks, curbs, or other paved areas
Chapter 8		
8.1.5.A	N	The Fire Department Access section has been updated.
Chapter 9		
9.1.2.B	N	Section 9 was updated to require a Title Report be submitted with the Preliminary Plat submittal.
9.1.2.B	N	The General Preparation & Submittal section has been updated.
9.1.2.D	Y	Sections 27, 28, and 29 were added.
9.1.3	N	Section B, C.14 (previously C.13.a), and D.12 have been updated.
9.1.9	N	Section A2 has been updated.
Chapter 10		
10	N	Chapter 10 has been updated in it's entirety.
Details		
G-3120	N	City Center & Scenic Arterial Street Cross Sections Detail has been updated.
G-3130	N	Standard Utility Locations - City Center & Scenic Arterial Detail has been updated.
G-3171-1	Y	Masonry Retaining Wall - Sheet 1 of 2 Detail has been added.
G-3171-2	Y	Masonry Retaining Wall - Sheet 2 of 2 Detail has been added.
G-3208-3	N	Typical Arterial & Collector Right Turn & Raised Median Left Turn Layout, Signing, & Striping Detail has been updated.
G-3208-4	N	4-lane at 4-lane Dual Left Interim T-Intersection Layout, Signing & Striping Detail has been updated.
G-3209-1	N	Sample Street Name Sign Detail has been updated.
G-3209-2	Y	Sample Advanced Street Name Sign Detail has been added.
G-3209-3	N	Street Sign Post(was G-3209-2)Detail has been updated.
G3209-4	Y	(12") Street Sign Separator Bracket Detail has been added.
G3209-5	Y	(12") Street Sign Post Cap Detail has been added.
G-3215	N	Typical Collector to Arterial Intersection Detail has been updated.
G-3219	N	Arrow and "Only" Pavement Marking for Left Turn Lanes Detail has been updated.
G-3236	N	Typical Driveway Detail has been updated.
G-3242-1	N	Typical Bus Bay Detail has been updated.
G-3244-1	N	Fire Department Permanent Access Roadway Typical Cross-Section Detail has been updated.
G-3244-2	N	Fire Department Alternative Access Roadway Typical Cross-Section Detail has been updated.
G-3244-3	N	Fire Department Temporary Access Roadway Typical Cross-Section Detail has been updated.
G-3246-1	N	Fire Department Access Roadways & Cul-de-sac/Modified Cul-de-sac Turnarounds Detail has been updated.
G-3250-1	Y	Roadway Pole and Luminaire Specifications Detail has been added.
G-3250-2	Y	Standard Dark Bronze Square Poles (1 of 2) Detail has been added.
G-3250-3	Y	Standard Dark Bronze Square Poles (2 of 2) Detail has been added.
G-3250-4	Y	Standard Gray Round Roadway Poles (1 of 2) Detail has been added.
G-3250-5	Y	Standard Gray Round Roadway Poles (2 of 2) Detail has been added.

G-3250-6	Y	Standard Dual Mast Arm Round Roadway Poles Detail has been added.
G-3250-7	Y	Standard Dark Bronze Square Poles Detail has been added.
G-3250-8	Y	Standard Gray Round Roadway Poles Detail has been added.
G-3250-9	Y	Special Gray Round Roadway Poles Detail has been added.
G-3250-10	Y	Standard Pole Cable Attachments Detail has been added.
G-3250-11	Y	Standard Pole Grounding and Wiring Detail has been added.
G-3250-12	Y	Standard APS J-Box Detail has been added.
G-3255-1	Y	Street Lighting - Arterial Street Staggered Without Median Detail has been added.
G-3255-2	Y	Street Lighting - Arterial Intersections Detail has been added.
G-3255-3	Y	Street Lighting - Collector Street Spacing Detail has been added.
G-3255-4	Y	Street Lighting - Local/Local Roundabout Detail has been added.
G-3255-5	Y	Street Lighting - Elbow Intersections Detail has been added.
G-3263	Y	Street Light Pull Box & Connection Detail has been added.
G-3291-1	Y	Streamline Steel Pole Street Light Detail has been added.
G-3291-2	Y	Streamline Steel Pole Street Light Detail has been added.
G-3292-1	Y	Architectural Street Light Detail has been added.
G-3292-2	Y	Architectural Street Light Detail has been added.
G-3294-1	N	Interconnect Conduit Splice Box Detail has been updated.
G-3296-1	Y	Modular Pole 'F' - 20' Mast Arm Detail has been added.
G-3296-2	Y	Modular Pole 'E' - 20' Mast Arm Detail has been added.
G-3296-3	Y	Modular Pole 'Q' - 25' Mast Arm Detail has been added.
G-3296-4	Y	Modular Pole 'J' - 25' Mast Arm Detail has been added.
G-3296-5	Y	Modular Pole 'Q' - 30' Mast Arm Detail has been added.
G-3296-6	Y	Modular Pole 'J' - 30' Mast Arm Detail has been added.
G-3296-7	Y	Modular Pole 'Q' - 35' Mast Arm Detail has been added.
G-3296-8	Y	Modular Pole 'J' - 35' Mast Arm Detail has been added.
G-3296-9	Y	Modular Pole 'Q' - 40' Mast Arm Detail has been added.
G-3296-10	Y	Modular Pole 'J' - 40' Mast Arm Detail has been added.
G-3296-11	Y	Modular Pole 'Q' - 45' Mast Arm Detail has been added.
G-3296-12	Y	Modular Pole 'J' - 45' Mast Arm Detail has been added.
G-3296-13	Y	Modular Pole 'Q' - 50' Mast Arm Detail has been added.
G-3296-14	Y	Modular Pole 'J' - 50' Mast Arm Detail has been added.
G-3296-15	Y	Modular Pole 'A-1' Detail has been added.
G-3296-16	Y	Modular Pole 'A-2' Detail has been added.
G-3296-17	Y	Modular Pole Mast Arm Connection Detail has been added.
G-3296-18	Y	Modular Signal 'Add-on' Structures Detail has been added.
G-3296-19	Y	Modular Signal Mast Arm Sign Mounting Detail has been added.
G-3296-20	Y	Traffic Signal Foundation Detail Type 'A' Foundation (Sheet 1 of 2) Detail has been added.
G-3296-21	Y	Traffic Signal Foundation Detail Type 'A' Foundation (Sheet 2 of 2) Detail has been added.
G-3296-22	Y	Traffic Signal Foundation Detail For Modular 20' - 40' Mast Arm Structures (Sheet 1 of 2) Detail has been added.
G-3296-23	Y	Traffic Signal Foundation Detail For Modular 20' - 40' Mast Arm Structures (Sheet 2 of 2) Detail has been added.
G-3296-24	Y	Traffic Signal Foundation Detail For Modular 45' Mast Arm Structures (Sheet 1 of 2) Detail has been added.

G-3296-25	Y	Traffic Signal Foundation Detail For Modular 45' Mast Arm Structures (Sheet 2 of 2) Detail has been added.
G-3296-26	Y	Traffic Signal Foundation Detail For Modular 50' Mast Arm Structures (Sheet 1 of 2) Detail has been added.
G-3296-27	Y	Traffic Signal Foundation Detail For Modular 50' Mast Arm Structures (Sheet 2 of 2) Detail has been added.
G-3296-28	Y	Pedestrian Post for Modular Structures Detail has been added.
G-3296-29	Y	Modular Traffic Signal Wiring Detail has been added.
G-3297-1	Y	Traffic Signal Style Detail has been added.
G-3297-2	Y	Traffic Signal Style Detail has been added.
G-3301	N	Vertical Realignment of Water & Reclaimed Water Mains Detail has been updated.
G-3307	N	Butterfly Valve Operator Manhole Detail has been updated.
G-3310	N	Water Service Connections Detail has been updated.
G-3313-1	N	4" & 6" Water Meter Vaults Detail has been updated.
G-3313-3	N	4", 6", & 8" Water Meters Detail has been updated.
G-3316	N	Chlorine Injections Assembly for Underground Waterlines Detail has been updated.
G-3321	N	Debris Cap Installation Detail has been updated.
G-3323	N	Pressure Reducing Valve Detail has been updated.
G-3324-1	N	Pressure Reducing Valve Vault Detail has been updated.
G-3324-2	Y	Proposed PRV Vault LID Detail has been added.
G-3328	N	2" Air/Vacuum Release Valve Detail has been updated.
G-3330	N	Fire Hydrant Installation Detail has been updated.
G-3332	N	Hydrant Safety Posts Detail has been updated.
G-3334	N	Temporary Water Supply Hydrant Meter Assembly Detail has been updated.
G-3336	N	Fire Hydrant Bypass Assembly (For Lines >16") Detail has been updated.
G-3350	N	Reduced Pressure Principle Backflow Prevention Assembly Installation - 3" and Larger Detail has been updated.
G-3352	N	Double Check Valve Backflow Prevention Assemble Installation - 3" to 10" Detail has been updated.
G-3356	N	Temporary Jumper Connection Detail has been updated.
G-3362	Y	Proposed Tank Ladder and Hatch Position Detail has been added.
G-3363	Y	Proposed Tank Hatch Detail has been added.
G-3364	N	Typical Well Site Detail has been updated.
G-3365	N	Typical Well Site with Onsite Treatment Detail has been updated.
G-3366	N	Wall Elevation for Well Site or Pump Station Detail has been updated.
G-3367-1	N	Typical Well Casing Detail has been updated.
G-3367 -2	Y	Turbine Pump Installation Detail has been added.
G-3367-3	Y	Submersible Pump Installation Detail has been added.
G-3368	N	120" OD Air Chamber Detail has been updated.
G-3369	N	96" OD Air Chamber Detail has been updated.
G-3370	N	Water Quality Sampling Station Detail has been updated.
G-3390-1	N	16' Sliding Gate & Hinged Door Detail has been updated.
G-3390-2	N	16' Sliding Gate Detail has been updated.
G-3440	N	Force Main Cleanouts Detail has been updated.
G-3441	N	Sewage Air Release Valve Detail has been updated.
G-3510	Y	Storm Drain Inlet Marker Detail has been added.
G-3511	Y	Storm Drain Inlet Marker on Headwall Detail has been added.
G-3535-4	Y	Storm Drain Inlet Marker on Catch Basin Supper Detail has been added.

G-3540-1	N	HDPE Storm Drain Pipe Details (Pipe Diameter up to 48 inches) Detail has been updated.
G-3540-2	Y	Polypropylene Trench Installation Detail has been added.
G-3540-3	Y	Polypropylene Trench Installation for Non-Traffic Application Detail has been added.
G-3560-1	N	Standard Drywell Detail has been updated.
G-3580	Y	Single Residential Lot SWPPP Detail has been added.
G-3604	N	Landscape Detail has been updated (was G-3610-4).
G-3610-1	Y	Tree Planting and Staking Detail has been added.
G-3610-2	Y	Single-Trunk Tree Planting on Slope Detail has been added.
G-3610-3	Y	Tree Planting in Turf Detail has been added.
G-3610-4	Y	Date Palm Tree Planting Detail has been added.
G-3610-5	Y	Fan Palm Tree Planting Detail has been added.
G-3610-6	Y	Root Barrier Detail has been added.
G-3610-7	Y	Shrub/Groundwater Planting Detail has been added.
G-3610-8	Y	Shrub/Groundcover Planting on Slope Detail has been added.
G-3610-9	Y	Typical Plant Spacing and Clear Zones for Median Landscaping Detail has been added.
G-3610-10	Y	Cacti/Accent Planting Detail has been added.
G-3610-11	Y	Vine Planting Detail has been added.
G-3610-12	Y	Ocotillo Planting Detail has been added.
G-3610-13	Y	Saguaro Planting Detail has been added.
G-3610-14	Y	Boulder Detail has been added.
G-3610-15	Y	Decomposed Granite Detail has been added.
G-3610-16	Y	Stabilized Decomposed Granite Detail has been added.
G-3610-17	Y	Concrete Header Detail has been added.
G-3618	N	Irrigation Wire Sleeving Chart Detail has been updated.
G-3620-1	Y	Reduced Pressure Assembly Detail has been added.
G-3620-2	Y	Calsense Controller (Model CS2000/Pedestal) Detail has been added.
G-3620-3	Y	Calsense Controller (Model CS3000/Pedestal) Detail has been added.
G-3620-4	Y	Solar Controller Detail has been added.
G-3620-5	Y	Electric Valve - Drip with Ball Valve Detail has been added.
G-3620-6	Y	Electric Valve - Turf with Ball Valve Detail has been added.
G-3620-7	Y	Master Valve and Flow Sensor Detail has been added.
G-3620-8	Y	Isolation Valve - 2.0" or Smaller Detail has been added.
G-3620-9	Y	Isolation Valve - 2.5" or Larger Detail has been added.
G-3620-10	Y	Quick Coupler Detail has been added.
G-3620-11	Y	PVC Sleeve Detail has been added.
G-3620-12	Y	Typical Trenching Detail has been added.
G-3620-13	Y	Thrust Block Detail has been added.
G-3620-14	Y	Flush Cap Assembly Detail has been added.
G-3620-15	Y	Emitter Manifold Detail has been added.
G-3620-16	Y	Emission Point - Shrub and Groundcover Detail has been added.
G-3620-17	Y	Emission Point - Tree Detail has been added.
G-3620-18	Y	Pop Up Spray Head with Swing Joint Detail has been added.