



Engineering Design & Development Standards Summary of Comments Received

City of Olympia | Capital of Washington State

Following is a summary of comments received as of October 25, 2012 regarding the proposed changes to the City of Olympia Engineering Design and Development Standards. Comments were solicited to approximately 150 stakeholders including developers, consultants, contractors, interested groups, and City staff.

Chapter 1: General Considerations			
Comment Received	Location	Commenter	Response
Remove Section 1.060 – Policies	1.060 - Policies	Legal Department	Complete
Chapter 2: Administration and Applicability			
Comment Received	Location	Commenter	Response
Remove last sentence of first paragraph to ensure correctness	2.010 - Applicability	Legal Department	Complete
Clarify and added definitions	2.020 – Definition	Staff Olympia Safe Streets	Complete
Add criteria for sidewalks at single family residential development, Modified wording concerning Ordinance No. 6594	2.040 – Requirements	Staff Olympia Safe Streets	Complete
Remove Sections, per Legal Department Review – The Process is outlined in the Municipal Code	2.060- Variances, 2.065 – Appeals to Hearing Examiner, 2.066 – No Reconsideration..., 2.067 – Clarification of Hearing Examiner Decision, 2.068 – Appeals to City Council, 2.069 – Council Action	Legal Department	Complete
Include the equivalent residential units connected to a utility as a method for determining the pro-rata share for latecomer’s agreements	2.080 – Reimbursement Areas	Staff	Complete
Chapter 3: General Public Works Considerations			
Comment Received	Location	Commenter	Response
Change required number of copies for correction	3.040 –Drafting Standards – C	Staff	Complete
Chapter 4 - Transportation			
Comment Received	Location	Commenter	Response
Add provisions for bike/ped connection when stub roads in new developments are NOT connected to adjacent existing roads	Chapter 4	Olympia Safe Streets	No change

Modify wording concerning Ordinance No. 6594, clarifying edits	4B.030 – Functional Classification	Staff	Complete
Add wording in second paragraph	4B.050 – Signing and Striping	Staff	Complete
Change title	4B.080 – Street Frontage Improvements	Staff	Complete
Change title	4B.085 – Street Frontage Improvements West Bay Drive	Staff	Complete
Change wording from “Public Works Director” to “City Engineer” and add link to Section 1.050.	4B.130 Intersections	Staff Olympia Safe Streets	Complete
Minor edits Remove Public Works Director wording and add “City Engineer” with link to Section 1.050.	4B.140 – Driveways B – Arterial and Collector Streets	Staff Olympia Safe Streets	Complete
Change “Public Works Director” to “City Engineer”	4B.160 – Surfacing Requirements (B) - Sidewalks	Staff	Complete
Add wording for clarification, including wording concerning Bicycle Facilities Map	4D.020 – Design Standards	Staff Olympia Safe Streets	Complete
Add: “Chapter 1515” Remove: “Section 1020.06”; Removed Classes	4E.010 – Design Standards	Olympia Safe Streets	Complete
Change last paragraph concerning trails and shared-use paths.	4F.020 – Design Standards – Area Classifications	Staff Olympia Safe Streets	Complete
Add information to first paragraph regarding warranty period	4F.050 – Testing	Staff	Complete
Add item C – “A painted bicycle symbol....”	4G.030 – Induction Loops	Olympia Safe Streets	No change required – Transitioning to video detection
Transit bus stop details are similar and perhaps should be merged for clarity and simplification	4H.060 – Bus Stops and Amenities	Olympia Safe Streets	No Change – Need to remain separate, per Dennis Bloom, Intercity Transit
Remove “Olympia” when referring to school districts, as North Thurston is also a school district; Corrected typo – “4 per mile”	4H.060 – Bus Stops and Amenities	Olympia Safe Streets	Complete
Make wording changes to paragraph concerning transit routes	4H.060 – Bus Stops and Amenities	Olympia Safe Streets	No change – Spacing criteria in A1, A2, A3

Change “pedestrian walkways” to “pedestrian facilities” for consistency; Added last part of last sentence “and connections to...”; Add “See illumination standards....”	4H.060 – Bus Stops and Amenities	Olympia Safe Streets Dennis Bloom, Intercity Transit	Complete
Street Trees-update spelling, change “Cultivators” to “Cultivars”, Added “D-Tree Grates”	4H.100 – Street Trees	Staff	Complete
Change “Table 22” to “Figure 6”	4I.140 – Design of Access Points and Driveways	Staff	Complete
Add City Engineer authority to approve	4I.070 – Number of Access Points	Staff	No Change
Add “confirmation”	4H.090 – Retaining Walls-F	Staff	Complete
Chapter 4 - Replaced Figure 1	Figure 1	Staff	Complete
Chapter 4 – Replaced Figure 2	Figure 2	Staff	Complete
Replace Figure 6	Chapter 4, Figure 6 – Volume Warrants for Left Turn Lanes	Staff	Complete
Modify table to reflect accurate information/Modified wording under (1) at the bottom of table-Removed date	Table 1:Street Classification and Number of Lanes	Staff	Complete
Remove “awning” due to possible confusion	Table 2: Minimum Street Design Standards – Sidewalks	Bethany Weidner	Complete
Change wording concerning Sidewalks; Updated language concerning Bicycle Facilities Map	Table 2: Minimum Street Design Standards	Staff	Complete
Clarify street tree requirement	Table 2: Minimum Street Design Standards	Bethany Weidner	Complete
Add “(10)” to entire table and changed wording under “Planting Strips” – Removed “Minimum” from title of table	Table 2: Minimum Street Design Standards	Staff	Complete
Adjust measurement on Street Spacing Row	Table 3: Street Characteristics	Staff	Complete
Change numbers and names	Table 4: West Bay Drive Street Frontage Improvements	Staff	Complete
Change wording concerning Septic to Sewer Projects	Table 10: Pavement Restoration Requirements	Staff	Complete
Replace Table 12: Testing and Sampling Frequency Requirements with WSDOT Table	Table 12: Testing and Sampling Frequency Requirements	Staff	Complete
Remove “Classes” and updated trail width	Table 13: Trail and Shared-Use Path Design Standard	Staff Olympia Safe Streets	Complete
Change beginning of table concerning LEDs. Added last row concerning Pedestrian Way, Trails, and Shared-use Paths	Table 14: Illumination Standards	Olympia Safe Streets	Complete
Add 4-2GB – Notes Continued	Appendix 1:List of Drawings	Staff	Complete
Add Appendix 5: Bicycle Facilities Map	Appendix 5	Staff	Complete
Update drawing to fully implement intent	Standard Plan Drawings 4-13A and 4-13A1	Olympia Safe Streets	No Change

Chapter 4: Standard Drawing			
Comment Received	Description	Comments	Response
Update Std. Plan #4.2G2A Major Collector West Bay Dr. (Notes)	Garfield Trail Intersection note.	Staff	Complete
Update Std. Plan #4.2G3A Cleanup punctuation marks	Major Collector West Bay Dr. (Notes)	Staff	Complete
Update Std. Plan #4.2G4 Brawne Ave, Intersection note	Major Collector West Bay Dr. (4-2G4A has the notes for)	Staff	Complete
Update Std. Plan #4.2G4A Brawne Ave, intersection note	Major Collector West Bay Dr. (Notes)	Staff	Complete
Update Std. Plan #4.2G5A Woodard Ave, intersection note	Major Collector West Bay Dr. (notes)	Staff	Complete
Update Std. Plan #4.2G8 Curb dimension to 0.5	Major Collector Boulevard Rd.	Staff	Complete
Update Std. Plan #4.2L Remove "class" types	Trails / Shared - Use Path	Staff	Complete
Update Std. Plan #4.7A Varies & 12:1 mix	Cement Concrete Driveway Entrance Type 1	Staff	Complete
Update Std. Plan #4.7C Dimension correction	Cement Concrete Driveway Entrance Type 3	Staff	Complete
Update Std. Plan #4.8 Delete reference to use of native material	Trench - Pavement Restoration Detail	Staff	Complete
Update Std. Plan #4.13A Align ramps with ex s/w	Curb Bulb-Out Adjacent to Vehicle Lane	Staff	Complete
Update Std. Plan #4.13A1 Align ramps with ex s/w	Curb Bulb-Out Adjacent to Bike Lane	Staff	Complete
Update Std. Plan #4.13B Move ramps to PC/PT	Local Access Street Parking Bulb - Out	Staff	Complete
Update Std. Plan #4.13C1 Add the word "Traffic"	Two - Way Angle Slow Point (1 of 2)	Staff	Complete
Update Std. Plan #4.13D Remove sign and note re: sign	Mountable Concrete Traffic Island for Two-Way Angle Slow Point	Staff	Complete
Update Std. Plan #4.19 Mechanical Contractor	Service Disconnect for Streetlights & Traffic Signals	Staff	Complete
Update Std. Plan #4.20 Revise notes as per Ladd Cluff	Poured In Place Monument	Staff	Complete
Update Std. Plan #4.23A Revise notes as per Ladd Cluff	Case Monument	Staff	Complete
Update Std. Plan #4.24 Remove	Farside Bus Pullout	Staff	Complete
Update Std. Plan #4.25 Remove	Bus Shelter and Landing Pads	Staff	Complete
Update Std. Plan #4.26 Remove	Rock Retaining Wall	Staff	Complete
Update Std. Plan #4.27A Revise notes	Striping Detail	Staff	Complete
Update Std. Plan #4.27B Change 100' to 75' & L/2 to 50	Striping Detail	Staff	Complete

Update Std. Plan #4.27E Replace with WSDOT	Designated Bicycle Lane Symbol (deleted use WSDOT)	Staff	Complete
Update Std. Plan #4.27F Delete note 4	Striping Detail Marking Patterns	Staff	Complete
Update Std. Plan #4.32 New note	Crosswalk and Stop Bar Dimensions for Retrofit Situations	Staff	Complete
Update Std. Plan #4.32A Notes	Bar - Type Crosswalk Detail	Staff	Complete
Update Std. Plan #4.37B Replace 4-37A	Street Name Sign	Staff	Complete
Update Std. Plan #4.38 Title to Chip Seal Rumble Strip	Raised Chip Seal Pavement Marking Detail	Staff	Complete
Update Std. Plan #4.39 Access ramp	Right-In, Right Out Detail	Staff	Complete
Update Std. Plan #4.40A Revise install note	Traffic Circle	Staff	Complete
Update Std. Plan #4.42A Text edits as per RW	Speed Cushion	Staff	Complete
Update Std. Plan #4.42B Text edits as per RW	22' Speed Bump	Staff	Complete
Update Std. Plan #4.42C Text edits as per RW	14' Speed Bump	Staff	Complete
Update Std. Plan #4.42D Text edits as per RW	Speed Bump / Cushion Details	Staff	Complete
Update Std. Plan #4.45 Address sole source issues	Typical Sign Installation Detail	Staff	Complete
Update Std. Plan #4.48 Signage notes, 12", Conc. apron	Pedestrian Refuge Landscaped Island Details	Staff	Complete
Update Std. Plan #4.48A Signage notes, bull nose finish	Pedestrian Refuge Concrete Island Details	Staff	Complete
Update Std. Plan #4.49 New	Tree Grate	Staff	Complete

Chapter 5: Stormwater

Summary of Edits	Location	Commenter	Response
Change City of Olympia Stormwater Manual to Drainage Design and Erosion Control Manual for Olympia (Drainage Manual)	5.010 - General	Staff	Complete
Change "Stormwater" to "Drainage" Add wording to list for correctness and clarity Add "Standard Drawing 5-12" in the last paragraph of section	5.020-Design Standards General Notes (Storm Drain Construction) 1-12	Staff	Complete
The allowable tolerance for sags or bellies in a newly installed stormwater pipe shall be 1/16 th the diameter of the pipe; Revised measurements	5.025 – Conveyance Pipes	Staff	Complete

Add "Solid Round Decorative Catch Basin Cover" to Appendix 1	Chapter 5, Appendix 1	Staff	Complete
--	-----------------------	-------	----------

Chapter 5 - Drawing Changes

Comment Received	Description	Comments	Response
Update Std. Plan #5.12 New	Decorative Manhole Cover	Staff	Complete

Chapter 6: Drinking Water

Comment Received	Location	Commenter	Response
Remove large section due to repetition, renumber sections; Inserted 6.030 (page 6-6) into #2	6.010 - General Notes (Water Main Installation)	Staff	Complete
Remove some wording due to out of date information/Added wording for clarification and correctness	6.030 - Main Line	Staff	Complete
Reword paragraph A and remove E	6.070 - Valves	Staff	Complete
Reword entire section for correctness	6.075 - Meters	Staff	Complete
Add wording concerning Cascade Waterworks	6.080 - Casing	Staff	Complete
Add wording in third to last paragraph	6.110 - Backflow Prevention	Staff	Complete
Add wording in last paragraph	6.111 - Backflow Prevention Assemblies	Staff	Complete
Change "Community, Planning and Development" to "Public Works Director, or designee"	6.112 - Installation Requirements	Staff	Complete
Add email address at the end.	6.113 - Backflow Prevention - BAT Form Requirements (M)	Staff	Complete
Reword paragraph	6.115 - Annual Testing and Repairs	Staff	Complete
Reword paragraph	6.117 - Termination of Services	Staff	Complete
Change D and E	6.120 - Service Connection	Staff	Complete
Reword paragraph	6.140 - Irrigation	Staff	Complete
Add clarifying wording concerning Section 7-09	6.180 - Hydrostatic Tests	Staff	Complete
Add wording at the end of first paragraph Add "Water Quality" in second paragraph	6.190 - Sterilization and Flushing	Staff	Complete
Remove "Concrete Cylinder"	Table 1: Water Main Standard Pipe Material	Staff	Complete
Change title and table information for better accuracy; Change "Fire Hydrant" to "Hydrant Assembly"	Appendix 1: List of Standard Plans	Staff	Complete

Chapter 6 - Drawing Changes

Comment Received	Description	Comments	Response
Update Std. Plan #6.1A Note 1	Single Service Connection 1" Diameter to 3/4" Setter	Staff	Complete

Update Std. Plan #6.1B Note 1	Single Service Connection 1" Diameter	Staff	Complete
Update Std. Plan #6.1C Note 1, remove old note 4	Single Service Connection for Residential 1" Diameter Fire Sprinklers	Staff	Complete
Update Std. Plan #6.2 Note 6	Double Service Connection 3/4" Branch Service	Staff	Complete
Update Std. Plan #6.2B Note 6	Double Service Connection 1" Residential Fire Sprinklers	Staff	Complete
Update Std. Plan #6.7 Meter box note	Typical Meter Placement	Staff	Complete
Update Std. Plan #6.8 As per Water Resources red lines	Fire Hydrant	Staff	Complete
Update Std. Plan #6.9 Replace with 6-9A	Typical Combination Air Vacuum / Air Release Valve	Staff	Complete
Add NEW	2" Air and Vacuum Release Valve	Staff	Complete Std. Plan #6.9A
Update Std. Plan #6.10 Notes	2" Blowoff Assembly for Dead End	Staff	Complete
Update Std. Plan #6.12 Notes	Standard Valve Box	Staff	Complete
Update Std. Plan #6.18 Update manufacturer information	Sampling Station	Staff	Complete
Update Std. Plan #6.19A1 Remove note 7	Compound Water Meter with Bypass for 6" & 8" Size	Staff	Complete
Update Std. Plan #6.19A2 Remove note 7	Material List for Compound Water Meter with Bypass for 6" & 8" Size	Staff	Complete
Update Std. Plan #6.20A Angle stops, remove note 8	Water Meter Manifold 3"	Staff	Complete
Update Std. Plan #6.20B Angle stops, notes	Water Meter Manifold 4"	Staff	Complete
Update Std. Plan #6.20C Edit notes	Material List for Manifold Water Meters 3" & 4" Size	Staff	Complete
Update Std. Plan #6.22A Delete as per Water Resources	Reduced Pressure Back Flow Assembly 2" & Smaller (DELETED)	Staff	Complete
Update Std. Plan #6.22B Edit notes	Reduced Pressure Back Flow Assembly 2" & Larger	Staff	Complete
Update Std. Plan #6.24 Notes	Double Check Detector Check Valve Assembly	Staff	Complete
Update Std. Plan #6.27 Notes	Resource Protection - Monitoring Well Design	Staff	Complete
Add NEW	Near Building Residential PRV Assembly	Staff	Complete Std. Plan #6.28
Add NEW	Near Street Residential PRV Assembly	Staff	Complete Std. Plan #6.28A

Chapter 7: Wastewater

Comment Received	Location	Commenter	Response
Change wording at the end of paragraph 3 and added link to Olympia Municipal Code	7B.020 – Design Standards	Olympia Safe Streets	Complete
Update allowable tolerance for sags or bellies in newly installed wastewater pipe to 0.5 inches or less	7B.030 – Main Line Gravity D	Staff	Complete
Watertight manhole castings	7B.050, Std. Plans 7-1 & 7-2	Staff	Complete
Remove wording and add “East Jordan...”; Softens the restrictions on inside drop manholes	7B.050 – Manholes	Staff	Complete
Add new section: 7C.030 – Sewer Force Main	7C.030 Sewer Force Main	Staff	Complete
Add “manufactured by Orenco Systems” Revise recommended activated carbon canisters for air release valves	7C.050 – Air/Vacuum Valves	Staff	Complete
Add new wording	7C.080 – Force Main Termination	Staff	Complete
Change “Kent Taylor” to “MagMaster MFF Series”; Eliminate Option for aluminum control cabinets	7D.030 – Lift Station Special Requirement	Staff	Complete
Add paragraph and clarifying wording	7E.030-STEP Force Main (A)	Staff	Complete
Replace all wording with “See 7C.030, Sewer Force Main”	7D.050 – Lift Station Force Main Material	Staff	Complete
Change STEP fitting pressure rating from 200 to 150PSI	7E.035 - Fittings 7E.040 - Valves	Staff	Complete
Change “M&H Style 820” to “M&H Valve Company” and “Waterous Series 500” to “American Flow Control Series 2500” resilient wedge gate valves for force mains; Added “Standard Drawing 7-17)	7E.040 – Valves	Staff	Complete
Change 3 inches to 3/16 inches	7E.064 – Fiberglass Tank	Staff	Complete
Change measurement	7E.070 – Tank Riser (A)	Staff	Complete
Change amp circuit	7E.090 – Controls and Alarms (I)	Staff	Complete
Add clarifying wording	7E.095 – Commercial/Multifamily Installations	Staff	Complete
Require E-one pump for connection to City-owned pressure main	7F.010 - General	Staff	Complete
Add “200 gallons per ERU served”	7F.020 – Design Standards		Complete
Eliminate Std Plan 7-4a – Changed for accuracy	Appendix 1: List of Drawings	Staff	Complete

Change title, clarified language, minor editing	7A.070 – Testing 7A.080 – General Notes 7B.030 – Main Line Gravity 7B.050 – Manholes 7C.080 – Force Main Termination D.010 – General 7D.020 – Lift Station Design Report	Staff	Complete

Chapter 7 - Drawing Changes

Comment Received	Drawing Title	Commenter	Response
Update Std. Plan #7.1 Change sewer guard to jordan watertite	Type 1 Manhole	Staff	Complete
Update Std. Plan #7.2 Change sewer guard to Jordan watertite	Shallow Manhole	Staff	Complete
Update Std. Plan #7.4A	Inside Drop Connection (deleted)	deleted	Complete
Update Std. Plan #7.8 Orenco model arb 15 & ara2	S.T.E.P. System Air Release Assembly	Staff	Complete
Update Std. Plan #7.12 Revise Note q	Typical S.T.E.P. System Service Connection	Staff	Complete
Update Std. Plan #7.19 2-way cleanout tee	Sanitary Sewer Lateral Connection	Staff	Complete

Chapter 8: Waste Resources

Comment Received	Location	Commenter	Response
Add paragraph starting "WAC...."	8.010 – General	Staff	Complete
Add "mixed use and multifamily" and "by waste stream"; Add wording concerning photos; Add final two paragraphs	8.020 – Collection Services	Staff	Complete
Add wording for "See Table 3..." Made changes to bullets and numbering (formatting changes)	8.031 – Container Type and Size Selection	Staff	Complete
Change "different dumpster" to "enclosures"	8.032 – Pad Size and Site Configuration	Staff	Complete
Add new Section: 8.0325-Space Allocation	After 8.032	Staff	Complete
Make major changes to section (adding wording and correcting formatting)	8.033 – Site Enclosure	Staff	Complete
Add reference to Illustrations D and E, clarify language, format changes	8.034 – Site Location and Collection Vehicle Passage	Staff	Complete
Add section	8.035 – Roll Off Containers	Staff	Complete
Clarify information under Recycle Materials in table	Table 1: Current Collection Services by Waste Stream	Staff	Complete

Change title and information for correctness and added bottom paragraph	Table 2: City of Olympia Dumpster and Minimum Pad Specifications	Staff	Complete
Replace table	Table 3: Facility Type and Service Levels Design Guide	Staff	Complete
Add to list	Appendix 1: List of Drawings	Staff	Complete
Chapter 9: Green Cove Basin			
Comment Received	Location	Commenter	Response
Add "Standard Drawing 9-4"	9D.010 – General Vegetation Coverage Standards	Staff	Complete
Chapter 10: Reclaimed Water			
Comment Received	Location	Commenter	Response
Add wording on Standard Drawings	10.16 - Reclaimed Water Service Connections Setters (J)	Staff	Complete
Changed information in appendix for accuracy	Appendix 1: List of Drawings	Staff	Complete
Remove section "Temporary Street Patching"	10.080 – Temporary Street Patching	Staff	Complete
Chapter 10: Drawing Changes			
Comment Received	Description	Comments	Response
Add NEW	Reclaimed Water Valve Nut Extension	Staff	Complete New Std. Plan #10.16