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Section	Standard Plan	Revision Date	Notes
	Preface	**6/1/13**	
	Table of Contents	**6/1/13**	
1	STANDARD SPECIFICATIONS	**6/1/13**	

Section	Standard Plan	Revision Date	City of Redmond Standard Plan	WSDOT Standard Plan	Notes
2	**CONSTRUCTION ALONG/ACROSS CITY RIGHT-OF-WAY**				
	Typical Trench Detail	6/1/13	201		Removed overlay and replaced with add'l full depth; clarified pipe zone backfill
	Asphalt Overlay For Roadway Trench Repair	3/1/11	202		
3	**ROADWAY CONSTRUCTION**				
	Typical Roadway Section	3/1/12	301		
	Pavement Paving Details	3/1/10	302		
	Pavement Repair Details	3/1/12	302A		
	Curb & Sidewalk Joints	3/1/11	303		
	Downtown Pedestrian Sidewalk	3/1/11	303B		
	Downtown Pedestrian Sidewalk with Ceramic Permeable Paver Band	6/1/13	303C		New
	Directional Paver Detail	6/1/13	303D		New
	Typical Curb and Gutter Details	3/1/12	304		
	Extruded and Barrier Curb Section	3/1/10	304A		
	Asphalt Thickened Edge	3/1/10	304B		
	Type "1" Driveway	3/1/12	305		
	Type "1A" Driveway W/Adjacent Landscape Area	3/1/12	305A		
	Type "2" Driveway	3/1/12	306		
	Parallel Curb Ramp	6/1/13		F-40.12-01	New
	Combination Curb Ramp	6/1/13		F-40.14-01	New
	Perpendicular Curb Ramp	6/1/13		F-40.15-01	New
	Single Direction Curb Ramp	6/1/13		F-40.16-01	New
	Crosswalk Markings & Signs	6/1/13	311		Added sign sizes, updated sign material in note 2
	Signalized Crosswalk and Stop Bar	3/1/12	311A		
	Crosswalk & Stop Bar, Downtown & Overlake	3/1/12	311B		
	Channelization Line Types	6/1/13	312		Fixed graphical error in TWLT
	Back of Sidewalk Bicycle Parking	3/1/11	317		
	On Street Bicycle Parking	3/1/11	318		
	Bicycle Lanes	3/1/12	319		
	Bicycle Lane Channelization	3/1/11	319A		

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3	Bicycle Lane Treatment at Drop Right Lane Turn	3/1/11	319B		
	Bicycle Lanes at Intersection	3/1/11	319C		
	Sharrow Lanes	3/1/11	320		
	Bicycle Detector Pavement Marking	3/1/12	320A		
	Typical Pedestrian Railing	6/1/13	321		Corrected note callout for sidewalk width
4	TRAFFIC / TRANSPORTATION				
	Sight Distance Triangle	3/1/10	408		
	Standard Intersection Head Numbers & Phasing	3/1/10	409		
	Speed Hump (1of 2)	3/1/10	415		
	Speed Hump (2of 2)	3/1/10	416		
	Bump Legend	3/1/11	416A		
	Mast Arm Street Name Signs	3/1/12	417		
	Advanced Warning Sign/Flasher	3/1/11	418		
	Lane-Use Pavement Markings	3/1/11	419		
	Luminaire Pole (Concrete Square)	3/1/11	420		
	Typical Luminaire Locations	3/1/12	420A		
	Uniform Luminaire Wiring	3/1/12	421		
	Patterned Concrete Speed Hump	3/1/10	422		
	Patterned Concrete Crosswalk	3/1/10	423		
	"J" Series Light Standard	3/1/10	425		
	Sign & Post Street Name Sign	3/1/11	426A		
	Street Light Pole Mounting Sign	3/1/11	426B		
	Sign & Post In Concrete/Asphalt	3/1/11	426C		
	Sign & Post In Ground	3/1/11	426D		
	Speed Table (1 of 2)	3/1/11	427		
	Speed Table (2 of 2)	3/1/11	428		
	Bullet-nose & C-Curb Detail	3/1/10	429		
	Concrete Octagonal Pole	3/1/11	430		
	Pedestrian Scale Pole	3/1/10	430B		
	Type 3 Barricade	3/1/11	431		
	Pedestrian Push Button Orientation	3/1/11	453		
	Approved Bicycle Racks	3/1/11	454		
	Loop Detector Spacing	3/1/12	454A		
	Loop Detector Sawcut	3/1/12	455		
	Sawcut and Conduit Under Curb	3/1/12	456		
	Loop Detector Splice and Wiring Label	3/1/11	457		
	Loop Terminal Strip	3/1/11	458		

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Section	Standard Plan	Revision Date	City of Redmond Standard Plan	WSDOT Standard Plan	Notes
4	Cabinet Foundation	3/1/11	459A		
	Service Cabinet Foundation	3/1/10	459C		
	Controller and Service Cabinet Footprint	6/1/13	460		Added 2" flange and revised dimensions
	Service Cabinet	6/1/13	461		Revised cabinet dimensions and labeled views
	Interconnect Junction Box	3/1/12	462		
	Junction Box on Grade or Landscaped Areas	3/1/12	464		
	CCTV Camera Mounting	3/1/10	465		
	CCTV Video Cable Connection	3/1/10	465A		
	Trench Restoration for 1 or 2 Conduits	3/1/11	466		
	Junction Box Details (1 of 2)	3/1/11	467A		
	Junction Box Details (2 of 2)	3/1/11	467B		
	Fiber Splice and Storage (1 of 3)	3/1/11	468A		
	Fiber Splice and Storage (2 of 3)	3/1/11	468B		
	Fiber Splice and Storage (3 of 3)	3/1/11	468C		
	Roadway Luminaire and Pole	3/1/11	470		
	Pedestrian Luminaire and Pole	3/1/11	471		
	Tree Grate With Frame	3/1/11	473		
	Pedestrian Luminaire Location and Pavement Scoring	3/1/11	474		
	Rumble Strip and 25 MPH Legend	3/1/11	476		
	Traffic Circle Dimensions	3/1/11	477		
	Traffic Circle Details	3/1/11	478		
	Raised Crosswalk	3/1/11	479		
	Raised School Crosswalk Signing	6/1/13	480		Changed size of S1-1
	Raised Crosswalk Signing	6/1/13	481		Change size of W16-7p
	Speed Cushion (1 of 2)	3/1/11	482		
	Speed Cushion (2 of 2)	3/1/10	483		
	Fire Lane Sign	3/1/11	499		
5	**CLEARING, GRADING AND TEMPORARY EROSION CONTROL**				
	Filter Fabric Fence	3/1/12	502		
	Stabilized Construction Entrance	3/1/12	503		
	Paved Construction Exit	3/1/11	503A		
	Temporary Swale	3/1/12	504		
	Earth Dike	3/1/11	505		
	Perimeter Dike/Swale	3/1/11	506		
	Storm Drain Inlet Protection	6/30/07		I-40.20-00	Revised Large overflow bypass opening required.
	High Visibility Fence	8/11/09		I-10.10-01	

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6	**STORMWATER**				
	Concrete Inlet	6/1/06		B-25.60-00	
	Catch Basin - Type 1	6/1/06		B-5.20-00	
	Catch Basin - Type 1L	6/1/06		B-5.40-00	
	Catch Basin - Type 2	6/1/06		B-10.20-00	Ladder required
	Typ. Orientation of Type 2 Catch Basin in City Street	3/1/11	609A		
	Typical Catch Basin Placement	3/1/11	609B		
	Detention System Control Structure	3/1/12	610		
	Solid Metal Cover for Catch Basin	11/21/06		B-30.20-01	Not for use in travel lanes. Use ring and cover.
	Miscellaneous Details for Drainage Structures	9/20/07		B-30.90-01	
	Manhole Type 3	6/1/06		B-15.60-00	
	Stormwater Valve	3/1/12	611		
	Valve Box Extension	3/1/12	612		
	Stormwater Manhole/Catch Basin Adjustment Detail	3/1/12	615		
	Detention Vault Access Manhole Lid Over Low Point	3/1/12	616		
	Alternate Vault Access	3/1/12	617		
	Thru-Curb Inlet Frame Installation	3/1/11	618		
	Combination Inlet	6/8/06		B-25.20-00	Also known as Thru-Curb Inlet
	Rectangular Vaned Grate	6/1/06		B-30.30-00	
	Rectangular Herringbone Grate	6/1/06		B-30.50-00	Private Only
	Headwall & Rip Rap	3/1/11	620		
	Lot Drain Trench	3/1/12	621		
	Stenciling Detail	3/1/11	622		
	Sidewalk Underdrain System	6/1/13	630		Added tracer wire, clarified material for tracer and pipe
	Catch Basin Frame and Grate Replacement	3/1/12	631		
	Rectangular Frame (Reversible)	6/8/06		B-30.10-00	
	Soil Amendment and Depth	3/1/11	632		
	Permeable Pavement Section	3/1/12	643		
	Pervious Concrete Sidewalk	3/1/12	646		
	Permeable Pavement on Slopes	3/1/12	647		
	Roof Rain Harvesting	3/1/12	650		

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7	**WATER**				
	Corporation Stop Service Connections	3/1/10	701A		
	Gate Valve Service Connections	3/1/10	701B		
	3/4" to 2" Meter Setter Details	3/1/12	702		
	Standard Meter Locations 3/4" to 2" Meters	3/1/10	703		
	Double Service Manifold	3/1/12	703A		
	Triple Service Manifold	6/1/13	703B		Manifold length revised
	Quadruple Service Manifold	3/1/10	703C		
	Residential Fire Sprinkler Details	3/1/12	704		
	Domestic and Fire Sprinkler Manifold	3/1/12	704A		
	Water Meter Plan View 3", 4", 6", Meter Details	3/1/12	705		
	Water Meter Sections 3”, 4”, 6” Meter Details	3/1/12	705A		
	Combination Air Release & Vacuum Valve Assembly	3/1/10	706		
	Blow-off Assembly	3/1/10	707		
	6" & 8" PRV Station Plan	3/1/12	708		
	6" & 8" PRV Station Plan and Section	3/1/12	709A		
	6" AND 8" PRV Station Section	3/1/12	709B		
	6" & 8" PRV Station Misc. (Catch Basin) Details	3/1/10	710A		
	6" & 8" PRV Station Misc. (Ladder) Details	3/1/10	710B		
	Irrigation/Residential Fire BackFlow Preventor (3/4"-2")	3/1/11	711		
	Fire Hydrant and Standpipe Location	3/1/10	712		
	Fire Hydrant Assembly	3/1/10	713		
	Fire Sprinkler System Back Flow Preventor	3/1/12	714		
	Meter Box and Hydrant Locations within Planting Area	3/1/12	716		
	Valve Box Detail	3/1/12	718		
	Exempt Irrigation Meter Location Requirements	3/1/12	719		
8	**SEWER**				
	Side Sewer Cleanout Detail	3/1/11	810		
	Drop Connection Detail	3/1/10	820		
	Side Sewer	3/1/10	830		
	Side Sewer Marker	3/1/11	832		
	48" Standard Manhole	3/1/11	840		
	Intersection of Sewers at Manholes	3/1/10	842		
	Bollard Barrier	3/1/11	890		
9	**MISCELLANEOUS**				
	Mailbox Standard	3/1/10	901		
	Cluster Box Mailbox Standard	3/1/10	901A		
	Double Mailbox Standard	3/1/10	902		

9	6' Wood Fence	3/1/11	904		
	Cast Iron Tree Grate	3/1/11	907		
	Structural Soil for Street Trees	3/1/11	907A		
	Rock Wall	3/1/11	909		
	Parks Bollard	3/1/12	911		
	Irrigation Control Panel	6/1/13	920		Completely revised detail
	Double Check Valve	6/1/13	921		Deleted flow sensor and manual drain valve, added master valve
	Irrigation Trench	6/1/13	922		Clarified material spec
	Thrust Block	3/1/10	923		
	System Gate Valve	3/1/10	925		
	Control Valve	3/1/10	926		
	Quick Coupler	3/1/10	927		
	Rainbird 3500/500/6400 Series Swing Joint	3/1/10	928		
	Rainbird 1800 Series Swing Joint	3/1/10	929		
	Valve Box Installation	3/1/10	930		
99	**DESIGN GUIDANCE**				
	Sidewalk Ramp Layout	6/1/13	99-310B		New
	Crosswalk Accessibility Design Standards	6/1/13	99-310C		New
	Sight Distance Triangle	6/1/13	99-408		New
	Standard Intersection Head Numbers & Phasing	6/1/13	99-409		New
	Traffic Circle Dimensions	6/1/13	99-477		New
	Typical Rockery Details Post Const. Guides.	6/1/13	99-910		New

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2013 DELETED DETAILS					
2	**CONSTRUCTION ALONG/ACROSS CITY RIGHT OF WAY**				
	Pipe Zone Bedding and Backfill	6/1/13		B-55.20-00	Deleted, replaced with bedding note added to 201
3	**ROADWAY CONSTRUCTION**				
	Perpendicular Curb Ramp	6/1/13	310		Deleted, replaced by F-40.15-01
	Sidewalk Curb Ramp – Type 2	6/1/13	310A		Deleted, replaced by F-40.12-01
	Sidewalk Ramp Layout	6/1/13	310B		Changed to 99-310B
	Crosswalk Accessibility Design Standards	6/1/13	310C		Changed to 99-310C
4	**TRAFFIC/TRANSPORTATION**				
	Sight Distance Triangle	6/1/13	408		Changed to 99-408
	Standard Intersection Head Numbers & Phasing	6/1/13	409		Changed to 99-409
	Traffic Circle Dimensions	6/1/13	477		Changed to 99-477
8	**SEWER**				
	Grease Interceptor	3/1/11	860		Deleted
	Grease Interceptor Sections	3/1/11	861		Deleted
9	**MISCELLANEOUS**				
	Typical Rockery Details Post Const. Guides	6/1/13	910		Changed to 99-910
	Flow Sensor	6/1/13	924		Deleted