

WIRELESS FACILITY ON CITY OWNED INFRASTRUCTURE



CIVIL DESIGN CHECK SHEET - FOR INTAKE



To be completed ONLY by a duly authorized representative of a wireless carrier granted authority by the City of Portland under an existing, valid Right-of-Way Agreement to place wireless communication facilities in City streets. This design check sheet must be submitted with any application to use City-owned assets for new or additional wireless communication attachments. Failure to fully complete the check sheet may result in application rejection or denial.

All structural design, detailing, and construction practices shall be in conformance with the most currently published version of PBOT's Structural Design Criteria for Vertical Infrastructure.

Primary Documents

<i>Applicant</i>		<i>COP Staff</i>
Required		Provided
	DETAILED PLANS - Stamped and signed by Professional Engineer currently registered in the State of Oregon	
	ADA CURB RAMP DESIGN REPORT (if applicable) - Signed by Professional Engineer currently registered in the State of Oregon	

General Plans Requirements

	Provide plans in all required formats: <ul style="list-style-type: none"> • Stamped PDF plan sheets • Unstamped CAD files in AutoCad (DWG) or Microstation (DGN) format 	
	Sheet size to be 22-inch x 34-inch	
	Orient view with north nominally either up or to the right. All views must be oriented in the same direction.	
	Minimum letter height is 0.1 inch	
	Minimum scale size (architectural scale not acceptable) <ul style="list-style-type: none"> • Large: 1" = 10' • Corner ramp detail 1" = 5' 	
	Use standard PBOT title blocks with blanks to be completed upon issuance of permit for: <ul style="list-style-type: none"> • Site Number • Date Approved • PBOT Reviewer • City Engineer Approval Signature • Delete professional engineering license number from signature line 	
	Include standard engineering scale bar, architectural scales are not acceptable	
	Show north arrow and street names	
	Show site specific construction notes and general notes	
	List and include all applicable standard drawings with most recent current at time of plans approval	
	Reference to 2010 City of Portland Standard Construction Specifications as basis of construction	
	Include all necessary special provisions	
	Cover Sheet including: <ul style="list-style-type: none"> • Vicinity map • Overall site map • Sheet index 	

The City of Portland is committed to meaningful access. To request translation, interpretation, modifications, accommodations or other auxiliary aids or services, contact 503-823-6868, Relay 711. Service 711.

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	Existing Conditions and Demo Plan including limits of excavation	
	Offset dimension from proposed pole to existing pole, if the pole is a replacement	
	Footprint of proposed pole	
	Existing building limits above and below ground	
	Existing trees, including spread of foliage	
	Existing and proposed overhead utilities, including temporary relocation locations and heights	
	Existing and proposed underground utilities, including temporary relocations locations and depths	
	Existing and proposed sidewalk limits and elevations	
	Existing and proposed curb and curb ramp limits and elevations	
	Existing and proposed roadway and striping limits and elevations	
	Right-of-way boundaries and easements	
	Show existing and proposed infrastructure including: <ul style="list-style-type: none"> •Adjacent buildings and awnings •Driveways •Hydrants •Utility and basement vaults •Poles •Walls and fences •Bus shelters •Planters •Garbage bins •Other physical features that impact the placement of permittee equipment or street lighting components 	
	Site plan showing all proposed work and limits of work	
	Proposed light or signal pole location, including footing elevations	
	All proposed relevant dimensions of pole attachments including weight, location, elevation, size of such as signs, luminaires, signal heads, antenna, service cabinets, banners, etc.	
	Show offset dimensions of proposed street light or signal pole and foundation from: <ul style="list-style-type: none"> •Property lines •Face of curb •Driveway aprons •Water lines •Sewer lines •Awnings •Overhead wires and cables •Other structural elements such as basement walls 	
	Show all street trees located closer than 25 feet from street lights or signal equipment	
	Identify any overhead obstructions (such as canopies or utilities) that may impact signal or street light pole placement, note critical clearances	
	Grading details (if required) <ul style="list-style-type: none"> •Enlarged Corner Plan and Profile 	

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	Typical roadway sections (if pavement restoration is present or sidewalk dimensions are altered)	
	Erosion & Sediment Control Plans and Details	
Special Provisions		
	Based on 2010 City of Portland Standard Construction Specifications	
	Provide Special Provisions in: <ul style="list-style-type: none"> • Word format, with tracked changed from any edits from posted Special Provision files • PDF of final version 	
	Include all applicable Sections and Subsections with most recent Effective Date as posted	
	Include Special Provisions Signature Sheet	
	Signed and stamped by a Professional Engineer registered in the State of Oregon	