

March 23, 2022

City of Puyallup
Development Services
Attn: Hans Hunger
333 S. Meridian
Puyallup, WA 98371
www.cityofpuyallup.org

VIA Puyallup Permit portal:

RE: Record # PRSMS20210109 / AT&T Site ID 27107-050-F Application for Small Wireless Facility Permit – Response to February 24, 2022 Comment Memo – First Review

Dear Ms. Floyd:

This letter is in response to the City of Puyallup's ("City")'s February 24, 2022 Comment Memo regarding New Cingular Wireless PCS, LLC ("AT&T")'s application for a Small Wireless Facility Permit to locate small wireless facilities ("SWF") on City of Puyallup Public Works owned street light poles, AT&T site identification number 27107-050-F.

AT&T remains committed to working with the City to improve wireless service for Puyallup residents, visitors and first responders.

Engineering Review (Reviewed By: Linda Lian, (253)841-5577, LindaL@PuyallupWA.gov)

- Confirm that this pole is located south of the access for parcel 0420281161 which has the address of 812 N Meridian; Cover Sheet 1 of 14
 - Revision incorporated into Civil Plans
- 812 N. Meridian
 - Revision incorporated into Civil Plans
- Notify property owner of driveway closure 5 days prior to construction. Traffic Control Plan Phase 1 Drawing No 9 of 19
 - Note added
- Verify and show location and depth of the existing 6" CI watermain under sidewalk. Plan & Restoration View Drawing No: 8 of 18
 - water main installed at standard 3' cover, Revision incorporated into Civil Plans
- 812 N. Meridian. Cover Sheet 1 of 14
 - Revision incorporated into Civil Plans

Engineering Civil Review (Reviewed By: Mark Higginson, (253)841-5559,
 Higginson@PuyallupWA.gov)

- Pierce County Strl Calcs; Cover Page
 - Revision incorporated into Structural Calculation page
- Pierce [Plans; Sht T-1]
 - Revision incorporated into Structural Calculation page
- Verify-25" dia BC used in Calcs [Plans; Sht F-1]
 - Confirmed; Structural Calcs will be included in resubmittal package for reference. Pg 12

Anchor Bolt & Base Plate Data:					
No. of Anchor Bolts, $n =$	4	Yield Strength, $F_{y,AB} =$	55.0 ksi	A.B. Gross Area, $A_g =$	1.77 in ²
AB Diameter, $D_{AB} =$	1.50 in.	Tensile Strength, $F_{u,AB} =$	75.0 ksi	A.B. Tensile Stress Area, $A_n =$	1.41 in ²
AB Circle, $D_{BC} =$	25.0 in.	Base Plate Width, $W_{BP} =$	23.0 in.	A.B. Plastic Modulus, $Z_{pr} =$	0.47 in ³
AB Length, $L_{AB} =$	72.0 in.	Pole Diameter, $D_{pole} =$	20.00 in.	Dist. Btwn Concr. & Lvl'g Nut, $l_{ar} =$	1.50 in.

- Verify-3'6" Pier dia; 36in dia horiz ties per calcs. [Plans; F-1]
 - Confirmed; Structural Calcs will be included in resubmittal package for reference. Pg 16

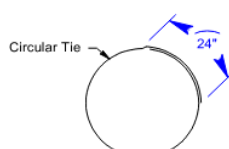
Reinforcement Summary:

Vertical Bars: 10 - #8 x 6.5 ft. Long A615 Gr. 60 Deformed Vertical Bars
 Spaced evenly (approx. 10.4" o.c.) within Horizontal Ties

Horizontal Ties: 14 - #4 Horizontal Ties, 36 in. Diameter, with 24 in. lap
 Spaced at 6" o.c. along the anchor bolts and 12" o.c. in remainder of pier

Rebar Weights:

Vertical Bars =	174	pounds
Horizontal Ties =	108	pounds
Horizontal Tie Length =	11' - 6"	



Circular Tie

- Incorrect Address-Typ All Sheets [WATCM-050-F; Sht 1]
 - Revision incorporated into Civil Plans
- Handhole is to be placed on the South face of the pole per CS 01.05.01(1) [WATCM-050-F; Sht 10]
 - Revision incorporated into Civil Plans
- Handhole is to be placed on the South face of the pole per CS 01.05.01(1) [WATCM-050-F; Sht 11]
 - Revision incorporated into Civil Plans
- Verify-25" dia BC used in Calcs [WATCM-050-F; Sht 15]

- Confirmed; Structural Calcs will be included in resubmittal package for reference. Pg 12

Anchor Bolt & Base Plate Data:					
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- Verify-3'6" Pier dia; 36in dia horiz ties per calcs. [WATCM-050-F; Sht 15]
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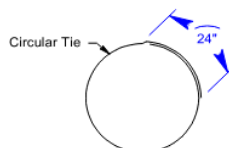
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Horizontal Tie Length =	11' - 6"	



Circular Tie

- Incorrect Jurisdiction [WATCM-050-F; Sht 18]
 - Revision incorporated into Civil Plans

Planning Review (Reviewed By: Rachael N. Brown, (253)770-3363,
 RNBrown@PuyallupWA.gov)

- The diameter of a replacement pole shall comply with the city's setback and sidewalk clearance requirements, shall not be more than a 25 percent increase in the diameter of the existing pole measured at the base of the pole, and shall comply with the requirements in subsection PMC 20.59.050 (9)(e). If additional diameter is needed in order to conceal equipment or conduit within the base of the pole, then the applicant shall propose a concealment element design consistent with subsection PMC 20.59.050 (7) (10)(c). The concealment element design shall include the design of the screening, fencing or other concealment technology for a tower, pole, or equipment structure, and all related transmission equipment or facilities associated with the proposed wireless communications facility, including but not limited to fiber and power connections. The concealment element design should seek to minimize the visual obtrusiveness of wireless communications facility installations. The proposed pole or structure should have similar designs to existing neighboring poles in the rights-of-way, including, to the extent

technically feasible, similar height. Other concealment methods include, but are not limited to, integrating the installation with architectural features or building design components, utilization of coverings or concealment devices of similar material, color and texture - or the appearance thereof - as the surface against which the installation will be seen or on which it will be installed, landscape design, or other camouflage strategies appropriate for the type of installation. Applicants are required to utilize designs in which all conduit and wirelines are installed internally in the structure or otherwise integrated into the design of the structure. Further, applicant designs should, to the extent technically possible, comply with the generally applicable design standards adopted pursuant to PMC 20.59.050 (7).

- Pole design was designed in accordance with New Cingular Wireless MLA agreement and was signed off by the City of Puyallup.

Traffic Control Plan Review (Reviewed By: Bryan Roberts, (253)841-5542,
broberts@PuyallupWA.gov)

- This proposal small cell location needs to shift south approximately 190ft. This placement would all the existing streetlight pole and foundation to remain in place (and would move cell tower/pole downstream of the new banner pole project). The small cell streetlight would run a City standard GE EVOLVE ELR1 LED. This placement would provide improved lighting along this corridor and be more compatible with future streetlight expansion/replacements. City Engineer (Hans Hunger) sent a draft layout to Kevin Berry with TalmanConsultants on 2/10/22.
 - I have been advised that New Cingular Wireless would like to pursue the initial civil plans in accordance of code and MLA with the City of Puyallup. For further justification please contact Ken Lyons - ken.lyons@wirelesspolicy.com, and Ralette Churchwell Ralette.Churchwell@mastec.com cc: Kevin Berry kberry@talmanconsultants.com