

Small Cell Engineering Requirements

Here's a link to the City's details:

https://www.municode.com/library/tx/austin/codes/standards_manual

Please select the appropriate COA details that apply to your project.
Plans and Profile must be to scale.

Scale: Horizontal: 1" = 40'
 Vertical: 1" = 6'

All engineering documents, including preliminary documents, must clearly indicate the engineering firm name and registration number. This is the responsibility of the PE that signs and seals the site plans as well as the firm that submits the plans.

Please show the following on the plans:

- All submittals must be in the General Permit format (cover sheet with signature blocks). Contact OB McKown or Zackary Martin for additional info (see sheet 4 – contact info).
- Indicate property lines with the addresses and property owners' names for each property.
- Indicate right of way (Bold), easements type, and the width of the easement.
- Indicate sidewalk, edge of pavement, curb & gutter, control cabinets, all existing MH (telephone, electrical, etc.)
- Make distinction between boring or open trench (in plan and profile)
- Show all existing utilities:
 - Indicate infrastructure 24" & larger as double lined to reflect true diameter.
 - Gas line (indicate size, High Pressure, all services line, etc.)
 - Electric lines (indicate power pole #, anchor pole, overhead line, and duct bank –actual dimensions)
 - Water infrastructure - indicate all Austin Water infrastructure appurtenances, i.e., water valves, fire hydrant, etc.
- Indicate all proposed utilities by other organizations/developers on the site plans if available.
- Indicate all proposed infrastructures such as MH, HH, etc. as well as bore pit dimensions.
- Add note to plan/profile views or contractor/construction notes, wording does not have to be exact but needs to say that Contractor must pothole at all utility crossings 100 feet in advance and prior to boring.
- Indicate Austin Water as-built project, WW profile, and Water Intersections numbers on plans. (WW profile #'s B463, A9893, B445, A139, B41, as-built project # 2002-0792, and Water Intersection # 19610)
- Wastewater (WW): indicate MH, size of the pipe – show actual size =>15"
- Storm sewer (SS): indicate storm inlets, size of the pipe –show actual size =>18"
Any underground infrastructure that not listed above, telecom lines (fiber optics, electrical, etc.)
- Show a minimum of 2 feet clearance horizontally & vertically from all existing utilities except for water infrastructure. 24" clearance vertically is required from all utilities and 5 feet clearance horizontally from AWU and power pole.

- Label stationing along the proposed alignment, plan view, and profile.
- Proposed buried fiber direct bore minimum 36" cover and 30" cover for open trench.
- 24" clearance vertically is required from all utilities and 5 feet clearance horizontally from AWU and power pole.
- Add all COA details as appropriate for the project. (Trench details, sidewalk repair, curb & gutter repair details, paving plans etc.).
- Add Duct bank details if applicable.
- Bore pit or trench larger than 4ft, shoring (and shoring detail) are required.
- All boring profiles must have PE seal

Add this note under the General Notes:

Appropriate Easement/Approval must be secured for project areas outside the Right of Way. No work shall be performed on private property until right of entry and easement has been obtained.

Please add these notes to the plans/profile sheet:

CONTRACTOR MUST OBTAIN PERMISSION FROM AFFECTED PROPERTY OWNERS FOR ANY CONSTRUCTION RELATED ACTIVITY THAT MAY ENCROACH ON ADJACENT PRIVATE PROPERTY.

CONTRACTOR IS FULLY RESPONSIBLE FOR PHYSICALLY LOCATING (POTHOLING) THE HORIZONTAL AND VERTICAL LOCATION OF ALL UTILITIES CROSSING IN BORE PATH PRIOR TO BORING.

A MIN. 2' VERTICAL & 5' HORIZONTAL CLEARANCE IS REQUIRED BETWEEN PROPOSED UTILITY & EXISTING COA WATER, WASTEWATER, AND RECLAIMED WATER.

The contact/info listed below might be helpful in terms of permit process, Austin utility criteria requirements, or other City criteria, etc.

Contact OB McKown or Zackary Martin regarding General Permit Program review and permitting requirements.

Small Cell Project Coordinator - assist with the application and permitting process

April Oldag
 City of Austin
 Project Coordinator
 Telecom and Regulatory Affairs
April.Sellers@austintexas.gov
 512-974-3430
 124 W. 8th St
 Austin, TX 78701

Right-of-Way Small Cell Project Team

Jaclyn Lozano

City of Austin
Engineering Associate
Austin Transportation

Jaclyn.Lozano@austintexas.gov

3701 lake Austin Blvd
Austin, TX 78703

Reza Sedhy

City of Austin
Engineering Associate C
Austin Transportation

Reza.Sedghy@austintexas.gov

512-974-7912 Work
3701 lake Austin Blvd
Austin, TX 78703

Austin Water Utility – there is an online GIS with all existing Water, Waste Water, and Reclaim Water. Check with Eric Sermeno in terms of clearance requirements (vertical and horizontal) from Austin Water Infrastructures including water meters, Fire Hydrants, etc.

https://www.austintexas.gov/water/GIS_EXTERN/GIS_AccessRequest_Form.cfm

Eric Sermeno

City of Austin
Program Consultant
Austin Water Utility

Eric.Sermeno@austintexas.gov

512-974-0497 Work
625 E. 10th Street, Suite 205
Austin, TX 78701

Street and Bridge (Paving Restoration requirements should include in the site plan)

David Boswell

City of Austin
Engineer C
Public Works Department

David.Boswell@austintexas.gov

512-974-7071 Work
4411-A Meinardus St #111
Austin, TX 78744

Daren Duncan

City of Austin
Engineer B
Public Works Department

Daren.Duncan@austintexas.gov

512-974-8774 Work
4411-A Meinardus St #111
Austin, TX 78744

Watershed Protection (Sanitary Storm Lines–request existing storm line info from Natalie Ortiz)

Natalie Ortiz

City of Austin
Temp Eng Tech A
Watershed Protection

Natalie.Ortiz@austintexas.gov

512-974-2025 Work
505 Barton Springs 12th Floor
Austin, TX 78704

ATD-Traffic Signals – Contact Chris to get Traffic Signal infrastructure information.

Chris Dixon
City of Austin
Engineering Associate C
Austin Transportation Department

Chris.Dixon@austintexas.gov
512-974-4052 Work
1501 Toomey Road
Austin, TX 78721

Seyed Ghazinezhadian
City of Austin
Traffic Signals Supervisor
Austin Transportation Department

Seyed.Ghazinezhadian@austintexas.gov
512-974-4065 Work
1501 Toomey Road
Austin, TX 78721

Austin Energy – Chilled Water (Downtown)

Tim McGowan
City of Austin
AE O and M Specialist Senior
Austin Energy

Tim.Mcgowan@austinenergy.com
512-505-3527 Work
300 San Antonio St
Austin, TX 78701

Austin Energy –Chilled Water Mueller Energy Center (MEC)

Barrett Story
City of Austin
Supv, Power Plant Operator
Austin Energy

Barrett.Story@austinenergy.com
512-505-3840 Work
4901 Lancaster Dr
Austin, TX 78723

Austin Energy – Chilled Water Domain

Whitney Moyer
City of Austin
AE O and M Specialist Senior
Austin Energy

Whitney.Moyer@austinenergy.com
512-505-7148 Work
3120 Kramer Ln
Austin, TX 78758

[Austin Energy](#) - Contact Austin Energy for ESPA request process and GIS information.

Philip Higgs (Oliver)
City of Austin
Distribution Constr Coord III
Austin Energy

Philip.Higgs@austinenergy.com
512-322-6160 Work
2500 Montopolis Dr
Austin, TX 78741

Jayson Dotzenrod
City of Austin
Distribution Constr Coord III
Austin Energy

Jayson.Dotzenrod@austinenergy.com
512-322-6924 Work
2500 Montopolis Dr
Austin, TX 78741

[Planning and Zoning](#) (Environmental Review – Trees, etc.). Please Request information regarding General Permit Process from OB McKown.

OB McKown
City of Austin
Environmental Program Coordinator
Development Service Department

OB.McKown@austintexas.gov
512-974-6330 Work
505 Barton Springs – OTC 4th Floor
Austin, TX 78704

Zackary Martin
City of Austin
Environmental Review Spec Sr
Development Service Department

Zackary.Martin@austintexas.gov
512-974-6356 Work
505 Barton Springs – OTC 4th Floor
Austin, TX 78704

[Temporary Traffic Control](#) – will be required during the Small Cell Permit Process.

Ryan Mooney
City of Austin
Transportation Supervisor
Austin Transportation

Ryan.Mooney@austintexas.gov
512-974-2482 Work
3701 lake Austin Blvd
Austin, TX 78703

Joan Jenkins
City of Austin
Engineering Associate
Austin Transportation

Joan.Jenkins@austintexas.gov
512-974-7965 Work
3701 lake Austin Blvd
Austin, TX 78703

[Urban Design](#) – will be required during the Small Cell Permit Process. If installing a Node Support Pole, contact Anne for design requirements.

Anne Milne
City of Austin
Planner Senior
Planning and Zoning Department

Anne.Milne@austintexas.gov
512-974-2868 Work
505 Barton Springs Road – 5th Floor
Austin, TX 78704

ACE Coordination – will be required during the Small Cell Permit Process to check for any conflicts with Austin Events.

Betty Torres
City of Austin
Engineering Associate C
Austin Transportation

Betty.Torres@austintexas.gov
512-974-2779 Work
505 Barton Springs Road OTC
Austin, TX 78704

AULCC Coordination – meetings are every Thursday at 2:00 pm

One Texas Center, 505 Barton Springs Rd, 10th Floor conference room. Telecom Providers should have a representative present. Contact Reza or Tracy to be added to the agenda. Applicants for Development Permits (Site Plan/General Permits/Excavations) that will utilize 25' or greater in the Downtown Austin Project Coordination Zone (DAPCZ) or 300' or greater in all full purpose COA jurisdiction; must submit their project for AULCC review. (All projects less than the 300' or 25' in DAPCZ are reviewed as a small project notification)

Reza Sedhy
City of Austin
Engineering Associate C
Austin Transportation

Reza.Sedghy@austintexas.gov
512-974-7912 Work

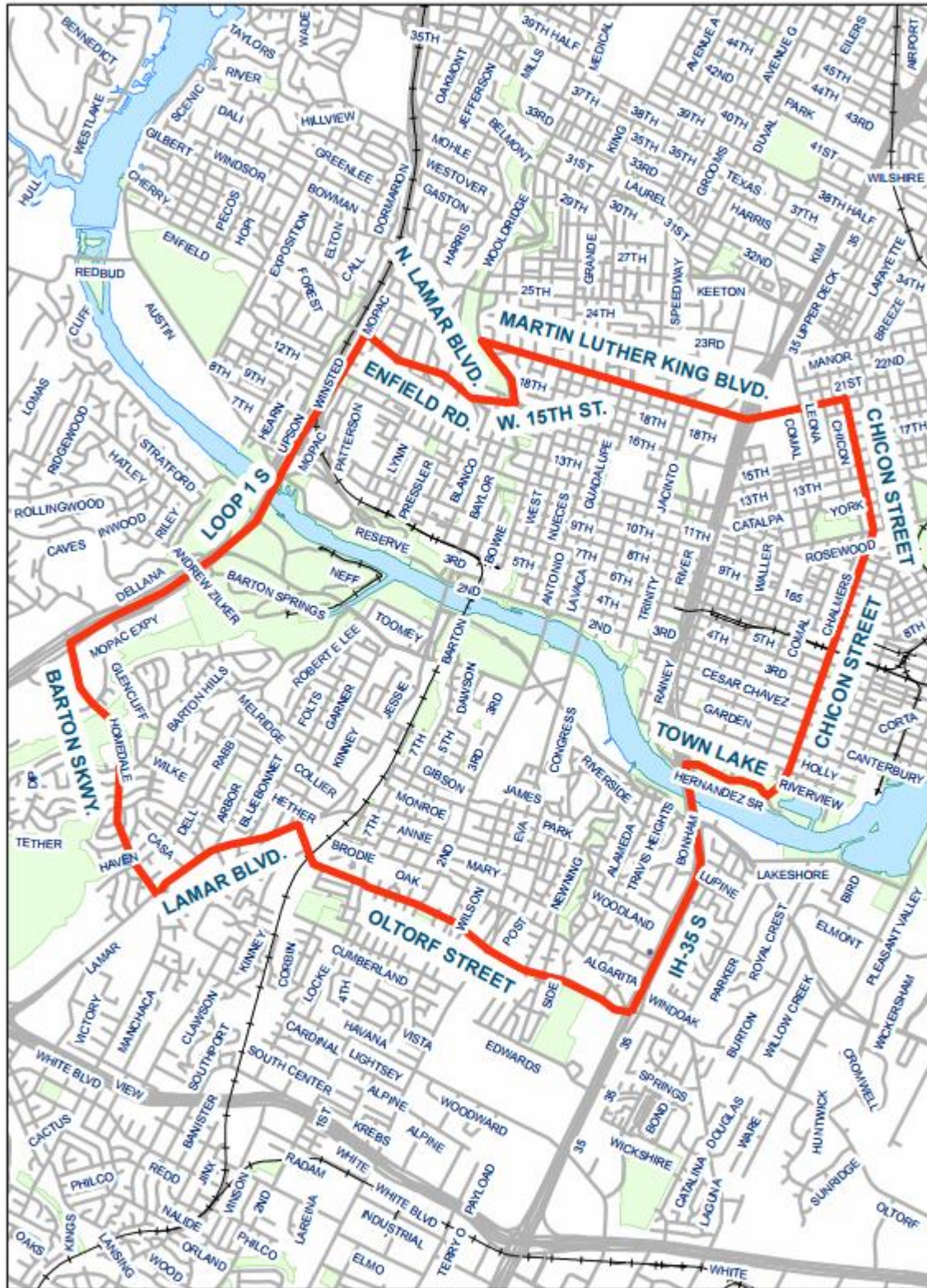
3701 lake Austin Blvd
Austin, TX 78703

DAPZC Coordination – will be required if work is in the Downtown area (see DAPZC map)

Small Cell Projects will need to be placed on the agenda. It is preferred that the projects are added at the time the permit is in formal review. Meeting are every 3rd Tuesday 10:00 am. One Texas Center, 505 Barton Springs Rd, room 325. Telecom Providers should have a representative present. Contact Nan to be added to the agenda.

Nan Brown
City of Austin
Project Coordinator
Austin Transportation

Nan.Brown@austintexas.gov
512-974-7143 Work
3701 lake Austin Blvd
Austin, TX 78703



DOWNTOWN AUSTIN PROJECT COORDINATION ZONE (DAPCZ)



Texas Gas Services



The 911 address request must be done prior to submitting an application for Small Cell permit. Go to this website. For type of address, select **Small Cell Antenna**

<https://www.austintexas.gov/GIS/NewAddressRequestForm/>

City of Austin Codes and Design Criteria manuals are located here:

<https://library.municode.com/TX/Austin>

Completeness Check Reviewers:

- Austin Energy
- Urban Design
- Right Of Way Management
- ATD Traffic Signals
- Environmental Arborist

Formal Reviewers:

- | | | |
|-------------------------|-----------------|-----------------------------|
| Austin Energy | Traffic Control | Austin Energy Chilled Water |
| Urban Design | ACE | |
| Right Of Way Management | Austin Water | GAATN |
| ATD Traffic Signals | Street & Bridge | |
| Environmental Arborist | Watershed | |