



AUSTIN MOBILITY

TELECOMMUNICATION PROVIDER PROCESS

CREATED FOR THE EMERGING TECHNOLOGY &
TELECOMMUNICATIONS COMMITTEE



Making mobility better, together.



Key Goals of City's Requirements

- Environmental Quality
 - Waterways and Drainage
 - Trees
- Protect Existing Utilities & Infrastructure
 - Underground Utilities
 - Street Protection and Restoration
- Public safety and minimize disruption
 - Plan for Safe Excavations
 - Traffic Control and Coordination

TELECOMMUNICATIONS PROCESS

Project Phase



A graphic on the left side of the slide features a blue and green abstract design with a white arrow pointing right towards the title. The background of the slide shows a blurred image of modern buildings.

AUSTIN UTILITY LOCATION AND COORDINATION COMMITTEE (AULCC)

Required under City Code (§ 14-11-165), comprised of approximately 34 City Work Groups & 45 Utility Companies, meets once a week:

1. AULCC Is a Free Service, Required For Excavations that are:
 - 25 L.F. or greater in the Downtown Austin Project Coordination Zone (DAPCZ) or
 - 300 L.F. or greater in all COA full purpose jurisdiction

2. Minimize Public Inconvenience
 - Prolonged construction due to unknowns or conflict
 - Contractual delay costs associated with Capital Funded Projects
 - Identify potential opportunities

3. Protect City Infrastructure
 - Extend the life of our investments (Pavement, Water/ Wastewater, Storm, Electrical)
 - Prevent loss or interruption of services

The title 'AULCC OVERVIEW' is displayed in a large, bold, black sans-serif font. To the left of the text is a green graphic element consisting of a series of horizontal bars of varying lengths, creating a stylized arrow or bar chart effect. The background of the slide features a blurred image of a modern building with a glass facade and solar panels, set against a blue sky.

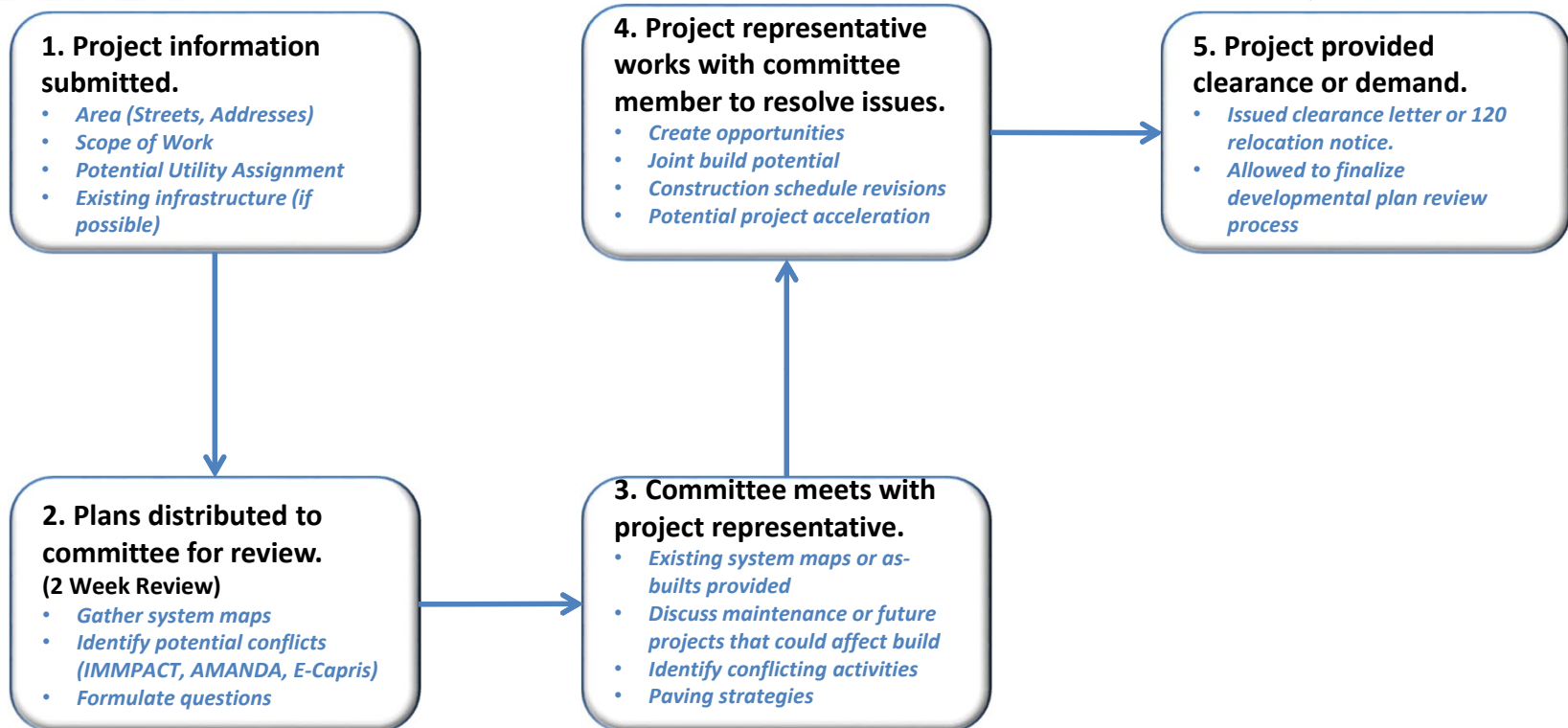
AULCC OVERVIEW

Each utility representative is given at least 2 weeks to review and prepare comments using a template form (Data Transmittal Sheet).

- Plans are loaded into a FTP site, for electronic review.
- As-builts are given to the Project Contact.
- If conflicts exist, Project and Utility Owners discuss issues.
- Once conflicts are resolved an AULCC COMPLETENESS Letter is issued, or
- 120-Day Notice is issued for relocation.

**Projects may warrant a waiver from the AULCC process, due to a lack of complexity or presence of utilities within a geographic area.

AULCC PROCESS





DEVELOPMENT REVIEW & PERMITTING PROCESS

PURPOSE:

- To ensure telecommunication facilities are in compliance with applicable Land Development Code regulations

PRIMARY ISSUES:

- Permitted under existing zoning
- Environmental protection
- Minimize impacts on nearby single-family residential areas

PERMITTING OPTIONS:

- General Permit Exempt – < 300 L.F. or 3,000 Sq. Ft. - 1-2 days
- Small Project Site Plan - < 10,000 Sq. Ft. area of construction – 9 days
- General Permit Site Plan - > 300 L.F. or 3,000 Sq. Ft. area of construction – 28 day max. (Avg. 2013 review time - 8 days)
- Full Site Plan – 28 days



ENGINEER SEAL REQUIRED

Under Land Development Code Title 25 and **§ 14-11-164 SEAL OF PROFESSIONAL ENGINEER REQUIRED**; all drawings, plans, and specifications, including change requests, amendments, additions, deletions, and as-built drawings submitted to the director under this division shall bear the seal of a professional engineer licensed to practice in the State of Texas.

- Standard of Care and High Quality of Professional Engineering Work
- Fully Adequate Records Research and Due Diligence in Data Gathering
- Minimize Potential Risks & Public Liability
- Professional Accountability
- Protect Infrastructure Investments & the Environment



ENGINEER SEAL REQUIRED

- The PE seal requirement sets a standard of conduct and practice that is clear and unambiguous for preparing accurate plans that will be adequate for coordination, construction and record purposes. Installing conduits, duct banks, carrier pipes, cabinets and manholes constitute a physical infrastructure within the ROW and easements which must be compatible with all of the other infrastructure.
- This standard of care assures the health, welfare and safety of the public and infrastructure.



SEAL EXEMPTIONS

Under **§ 14-11-164 SEAL OF PROFESSIONAL ENGINEER REQUIRED**, the following are exempted from the requirement:

- **Gas Utility** (are under stringent Federal Energy Regulatory Commission Standards)
- **Excavation** no more than 5 FT. deep, 12 IN. wide, and 300 FT. long (provided that the trench line does not intersect or extend into the paved portion of another street or alleyway – intersections)
- **Single-point excavation** not exceeding 5 FT. in any dimension;



SEAL EXEMPTIONS

- Boring or drilling underneath a driveway or an unpaved area of the ROW, if the bore is parallel to the ROW, and the bore is no greater than 12 IN. in diameter;
- Excavation under engineered plans or details, produced by the owner and previously approved by the director;
- Installation of poles, anchors, and utility service connections; and,
- An excavation necessary to expose and repair facilities previously installed by the owner using drawings, plans, and specifications bearing the seal of a professional engineer.



PLAN & SUBMITTAL COMPONENTS

- Horizontal alignment of all proposed facilities in relation to all existing public and private facilities accurately drawn to scale in plan view;
- Representation of the vertical alignments & clearances of the facilities in profile view;
- Note that contractor must verify location of underground utilities within 100 ft of all proposed utility crossings and where facilities run parallel to and within 5 ft of existing facilities;
- Right-of-way, property lines and easements, staging areas, limits of construction, adjacent property information;
- Graphic representation of waterways including classification, floodplain, critical zone, erosion hazard zone; erosion and sedimentation controls;



PLAN & SUBMITTAL COMPONENTS

- Construction methods and all details needed to meet City requirements and standards;
- Complete right-of-way configuration and site features including all pertinent dimensions for curb lines or edge of pavement; transportation signs, devices, symbols, and markings; driveways, sidewalks, and curb ramps; surface drainage features;
- All affected existing pedestrian facilities to assure compliance with Texas Accessibility Standards (TAS) and the ADA and proposed facilities triggered by the work;
- Tree, species, tree canopy to scale, and diameter; protection and preservation details;
- Work zone areas; temporary traffic controls;
- Pavement and vegetative details and limits of restoration;
- Professional Engineer's Seal

BENCHMARK CITIES

	Austin	Dallas	Houston	San Antonio
Dev. Plan Review	<ul style="list-style-type: none"> • Gen. Permit Exempt – 1-2 days • Small Project Site Plan – 9 days • Gen. Permit Review – 28 days max. (avg. time 2013 – 8 days) • Full Site Plan – 28 days 	<ul style="list-style-type: none"> • 2 Business Days for pavement cut under 300ft. • 30 Business Days for pavement cut over 300ft. 	<ul style="list-style-type: none"> • Consolidated review in Office of City Engineer. 21 day turn-around, depending on quality of submittal. 	<ul style="list-style-type: none"> • 2 Business Days
Utility Coordination	14-21 days, depending on quality of submittal. **Development Review and AULCC may run concurrently**			
Excavation Permitting	2 Bus. Days to respond to request. Approved, denied or need add. info		No code required time frame.	Approved or denied within 10 bus. days.
Seal Requirement	Required	Required	Required	Not Required
Project Planning	Downtown (Mopac to Chicon, Oltorf to MLK) work must be coordinated 6 months in advance.	A public service provider planning construction in the row shall notify by March 1 of each year, for the next fiscal year	N/A	N/A
Insurance Requirments	\$500,000 Gen. Agg.	<ul style="list-style-type: none"> • Under 18" depth, \$500,000 Gen. Agg. • Over 18" depth, \$25,000,000 Gen. 	\$500,000 Gen. Agg.	\$1,000,000 Gen. Agg.



RIGHT OF WAY PERMIT

Once the development permit (plan) is approved, Contractor applies through the internet in order to temporarily use or excavate the Right of Way (ROW):

- Real-time coordination
- Reserves ROW space for construction & maintenance activities
- Prevents conflicting permits from being issued for the same space, at the same time
- Identifies potential consolidation opportunities (complete streets model, joint-trench)

ROW PERMIT PROCESS

