

# Traffic Signal & Pedestrian Hybrid Beacon (PHB) Evaluation Processes

Urban Transportation Commission

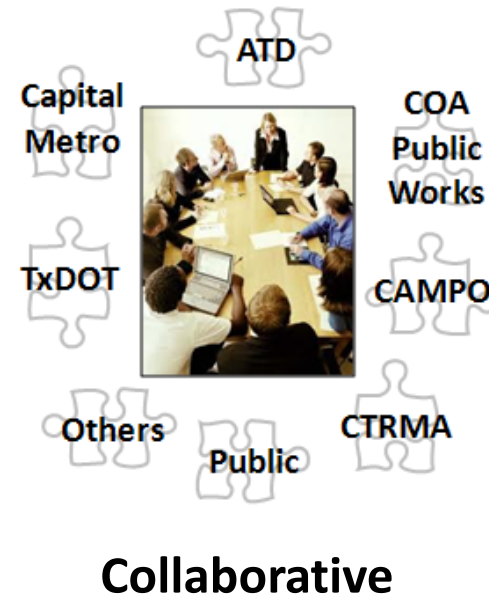
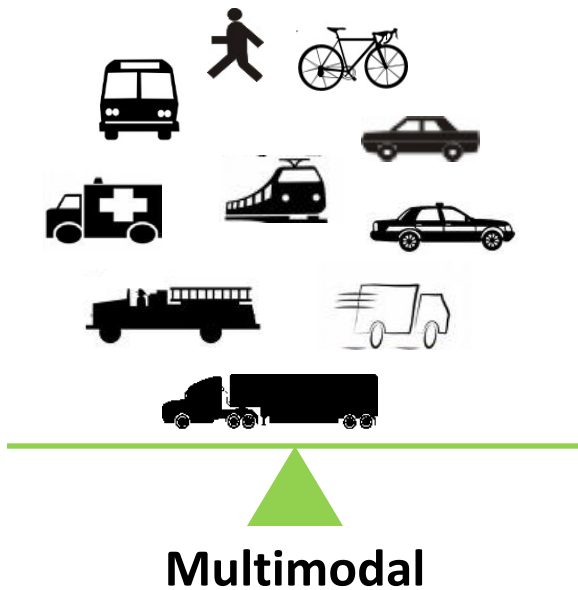
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# Arterial Management Division

*Enhance the mobility and safety for all modes traveling arterial streets*



# Traffic Signals & PHBs in Austin

34 PHBs



S. Congress @ Elizabeth



S. 1<sup>st</sup> @ Elizabeth

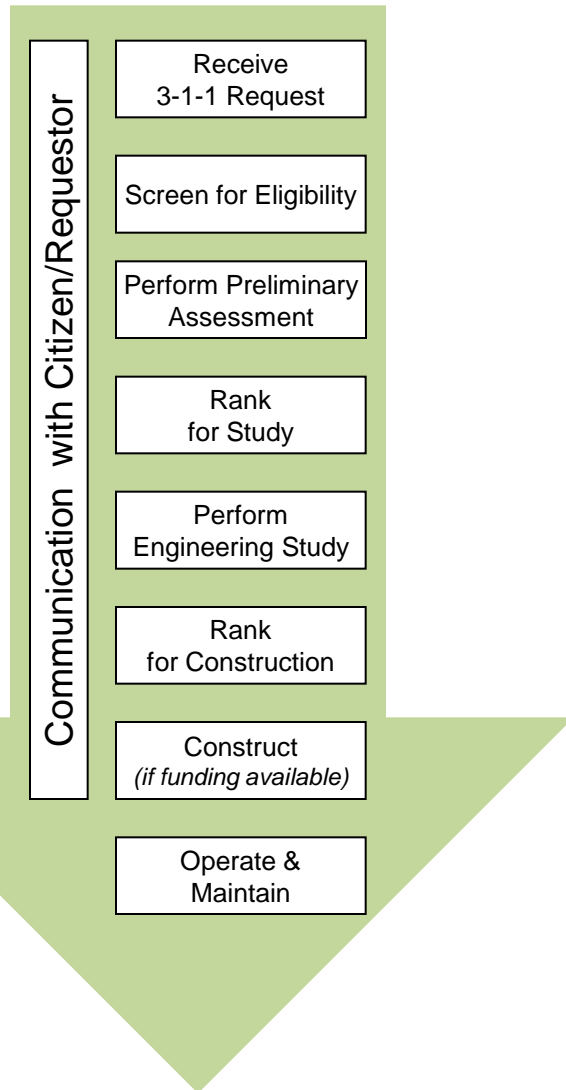
987 traffic signals

# Why are we developing Signal + PHB Evaluation Processes?



1. High demand
  - Signal requests = 64
  - PHB requests = 95
2. Limited resources
  - To study
  - To construct
3. Consistency
4. Transparency

# Signal + PHB Request Process



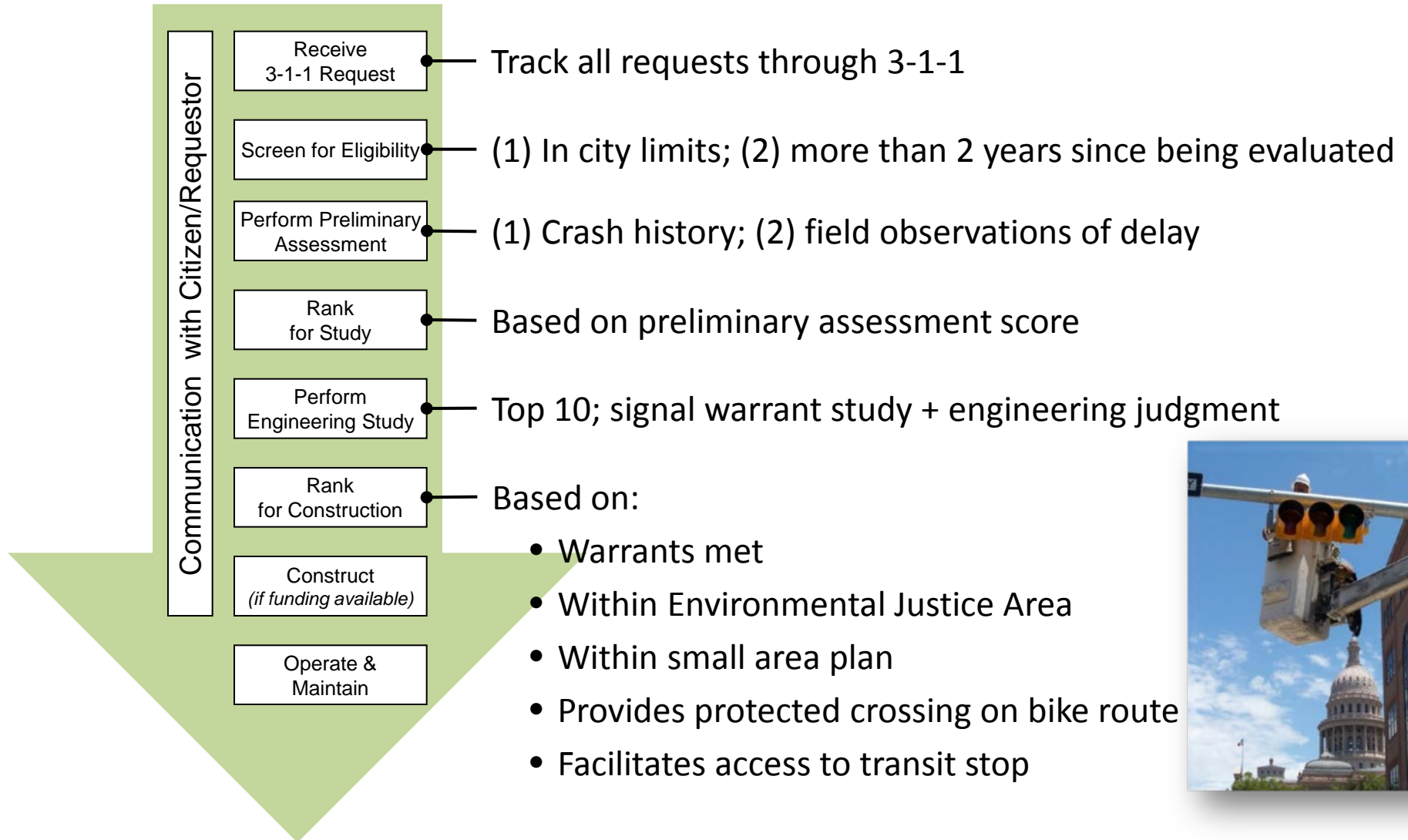
- Processes modeled after Local Area Traffic Management (LATM) Program
- Signal and PHB processes similar
- Presented draft PHB process to Pedestrian Advisory Council
- “Living” process → periodic fine tuning
- Current status
  - Continually receive , screen and assess requests
  - Rank twice per year (May, December)
  - Funding availability
    - None for signals, 2 PHBs



# Traffic Signal Request Process



# Traffic Signal Process - Highlights

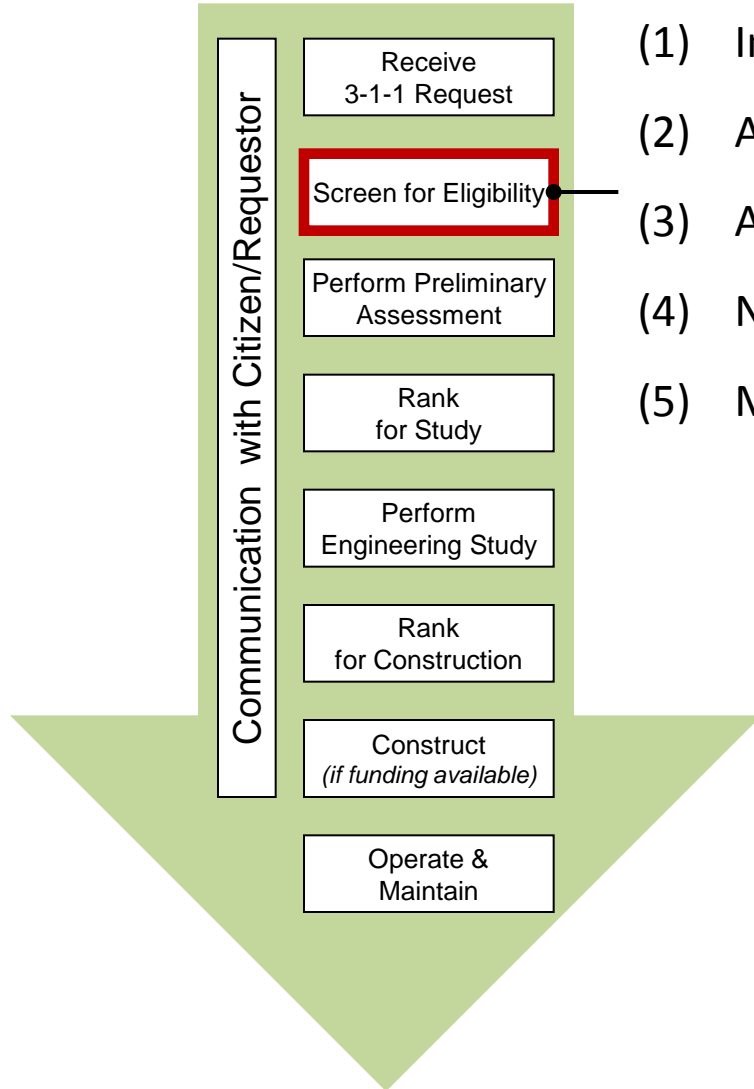


# PHB Request Process





# PHB Process - Highlights



- (1) In city limits
- (2) At least 300' to nearest controlled crossing
- (3) At least 3 lanes to cross
- (4) Not on residential streets
- (5) More than 2 years since being evaluated



# PHB Process - Highlights

Communication with Citizen/Requestor

Receive  
3-1-1 Request

Screen for Eligibility

Perform Preliminary  
Assessment

Rank  
for Study

Perform  
Engineering Study

Rank  
for Construction

Construct  
*(if funding available)*

Operate &  
Maintain

- (1) Distance to nearest controlled crossing
- (2) Speed limit on roadway being crossed
- (3) Number of motor vehicle lanes to cross
- (4) Median space availability
- (5) Pedestrian crash history
- (6) Special needs pedestrian generators
- (7) Pedestrian generators
- (8) Recommended in small area plan
- (9) Facilitate a school route plan
- (10) In a CAMPO Environmental Justice Area
- (11) Engineering judgment/historical knowledge

# Urban Transportation Commission

# Thank You



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