

**Proposed Scope of Work**  
**2021 Road Inventory (GASB) Update**

**NOTE: SOW DRAFTED BY PCT 1 WITH TWO (2) SMALL ADDITIONS BY PCT 4**

A Purpose of this project is to:

1. Update the County's roadway inventory (for GASB).
2. Provide an assessment of the roadway.
3. Provide a roadway rating system for maintenance & operations.

B. Scope of services required are:

1. Review 2006- GASB Report
2. Review of new roadways and/or roadway improvements (from 2006)
3. Data Collection (all roadway features and characteristics)
  - a. Field inventory of existing roadways (length, location, width, etc).
  - b. Evaluate roadway conditions (rating)
4. Develop/update database
5. Update Base Maps
6. Develop Estimated Costs
7. Finalize/Update GASB Report
  - a. And roadway rating system

C. Project Deliverables are:

1. Updated GASB Report
2. Updated Base Maps
3. Roadway Inventory Ratings System

## Scope of Work details

### Phase 1- Preparatory

#### Tasks:

1. Review 2006/2007 GASB Report
2. Prepare Implementation plan
3. Meet with precincts to coordinate
  - a. Schedule
  - b. Priorities
  - c. Documentation
4. Create/Update database
  - a. New street/new construction
  - b. Begin/End point
  - c. Subdivision name
  - d. Age of street
  - e. Roadway classification

### Phase 2- Street Inventory

#### Tasks:

1. Data Collection
  - a. Street width
  - b. Street length
  - c. Pavement type
  - d. Sidewalks
  - e. Street lights
  - f. Curb & gutter
  - g. Street signage
  - h. Street striping
  - i. Culverts
  - j. Roadside ditch

- k. Deficient drainage
  - m. Existing row
  - n. Speed limits
2. Condition Rating
- a. Transverse cracks
  - b. Longitudinal cracks
  - c. Shrinkage cracks
  - d. Corrugations
  - e. Raveling
  - f. Polished aggregate
  - g. Alligator cracks
  - h. Rutting
  - i. Shoving/pushing
  - j. Pot holes
  - k. Excess asphalt
3. Update database
- a. Condition Rating score (0-100)
  - b. Crack sealing costs (\$)
  - c. Repaving costs (\$)
  - d. Reconstruction costs (\$)

### Phase 3- GASB report

#### Tasks:

- a. Prepare maps, imagery & database files
- b. Prepare value and replacement costs
- c. Management plan
- d. Prepare Draft Report
- e. Prepare final Report & present to Court