

AGENDA ITEM # 21

Consider authorizing advertising and setting date for public hearing on 4-way stop sign at Clear Spring Road and Pecan Lane in Oak Crest Subdivision.

Moved: Commissioner Hays

Seconded: Judge Doerfler

Motion: To approve public hearing on 4-way stop sign at Clear Spring Road and Pecan Lane in Oak Crest Subdivision on January 4, 2000 at 10:00 a.m.

Vote: Motion carried 5 - 0

AGENDA ITEM # 22

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Consider approving contract(s) for pavement management system for Unified Road System.

Moved: Judge Doerfler

Seconded: Commissioner Boatright

Motion: To approve accepting contract from HDR Professional Engineering Inc for pavement management system for Unified Road System in the amount of \$149,066.00

Vote: Motion carried 4 - 0 with Commissioner Hays absent from the dais.

< Clerk copy here >

Scope of Work
Optional Task IV - Williamson County
Pavement Management System

The Pavement Management System (PMS) will be developed in a five (5) step process:

- ✓ The Pavement Network Inventory (PNI),
- ✓ Development of Evaluation Criteria,
- ✓ Survey of Pavement Conditions (SPC),
- ✓ Pavement Condition Index (PCI), and
- ✓ Database Programming.

1. The Pavement Network Inventory (PNI). A general network inventory was prepared as part of the Williamson County Multi-Corridor Transportation Plan. This step will list roadways by name with their corresponding length and width. To better manage the roadway network inventory, roadway segments will be designated which correspond to intersections and/or changes in pavement types. Other items to be included in the PNI will be:

- Functional classification
- Section length
- Subgrade type
- Surface type
- Surface width
- Shoulder type
- Drainage type
- Average Daily Traffic (ADT) projections

Upon completion of the PNI, the county engineering office will review and modify, if necessary, this inventory for current accuracy prior to placement in the PMS database.

2. Development of the Evaluation Criteria. Prior to conducting the SPC, general evaluation criteria will be developed with input from the county staff. The criteria developed will evaluate the current roadway for distress and condition. These evaluation criteria will focus on the following conditions and constraints:

- Pavement condition
- Drainage condition
- Geometric/Right-of-Way Constraints