

Consider hiring engineer for Cedar Hollow Crossing road re-construction.

Moved: **Commissioner Hays**

Seconded: **Commissioner Boatright**

Motion: To retain Haynie Consulting, Inc. Civil Engineers and Land Surveyors for improvement of Cedar Hollow Crossing Road.

Vote: 5 - 0

< Attachment >



**HAYNIE CONSULTING, INC.
CIVIL ENGINEERS AND LAND SURVEYORS**

December 5, 2000

**Mr. Greg Boatright, Commissioner, Precinct 2
Williamson County
350 Discovery Boulevard, Suite 201
Cedar Park, Texas 78613**

**RE: Engineering / Surveying Services Proposal for
Improvement of Cedar Hollow Road**

Dear Mr. Boatright,

Thank you for the opportunity to submit a proposal on your project. The scope of this project is to survey and reconstruct approximately 5,800 l.f. of Cedar Hollow Road from SH 29 north to the low water crossing.

A. Scope of Service:

The specific scope of work will include the following:

- 1. Survey roadway to determine if and where additional right-of-way may be needed.**
- 2. As-built existing roadway with specific detail of driveways, mailboxes, drainage structures. Verify existing utilities (Chisholm Trail Water SUD and SWB)**
- 3. Research ownership where right-of-way is recommended to be acquired.**
- 4. Prepare field notes for right-of-way acquisitions.**
- 5. Prepare drainage study and evaluate the existing drainage structures and design needed improvements.**
- 6. Coordinate with Geo-tech Laboratory for soil testing and design recommendations.**
- 7. Design (Collector Street) Roadway with specific details as follows:**
 - a. 2" HMA, 20 feet wide with minimum 2' stabilized shoulders and 3:1 taper beyond (4' shoulders where right-of-way allows).**
 - b. Schedule sequence of work for bamage of existing pavement surface and the addition of emulsifier for quick stabilization (will allow traffic on base immediately).**
 - c. Improve drainage structures as required.**
 - d. Pavement striping with reflector dots.**
 - e. Raise intersection at SH 29 for better line of sight with up to 4 cars stacking for right turn.**

- f. Flare out intersection at SH 29 for three (3) lanes, one (1) lane headed north off SH 29, two (2) lanes headed south at SH 29; one (1) for right turn and one (1) for left turn.
8. Office design of road plans, prepare plan and profiles with details adequate for bidding road project.

Items included in Basic Engineering Services:

1. Provide construction plans and submit to County Engineer for approval process;
2. Prepare and coordinate legal notice of project bid in the newspaper;
3. Provide construction plans and bid documents and assist owner with pre-bid conference and bidding project;
4. Prepare bid tabs and make recommendation on Contractor selection and assist with pre-construction conference;
5. Prepare TNRCC Edwards Aquifer Applications;
6. Coordinate soil testing with Geotechnical engineer for street design; and
7. Provide As-built drawings (based on contractor as-built data submitted to Engineer) upon construction completion.

The scope of engineering services includes addressing all related review comments.

The following services are not included in the Basic Engineering Services described in the above proposal:

1. Soil testing for road design (Budget \$2,600);
2. Submittal, review, and application fees (TNRCC fee \$2,000);
3. Preparation of field notes for easements and right-of-way acquisition;
4. Construction testing to be included in the Construction Contract; and
5. Construction staking to be included in the Construction Contract.

The limit of blue-line copies of plans and specifications furnished as part of the basic engineering services shall be;

1. As required for the review processing; and
2. 12 sets for construction after approvals.

B. Preliminary Construction Cost Estimate

1.	Bomag existing road surface and add 6-inches of road base for approximately 28 -foot road bed	
	5,800 lineal feet at \$25/l.f	\$ 145,000
2.	Improve drainage structures	\$ 25,000
3.	Raise and widen intersection at SH 29	\$ 15,000
4.	2" HMAC, 20-foot wide	
	5,800 lineal feet at \$15/l.f.	\$ 87,000
5.	Striping and reflectors	\$ 8,000
6.	Tie in driveways, reset driveway culverts and mail boxes	\$ 25,000
7.	Bond and Insurance	\$ 7,000
8.	Subtotal	\$ 312,000

Proposal
Imp. of Cedar Hollow Rd

9.	Construction Contingency (15%)	\$ 46,800
10.	Construction Total	\$ 358,800
11.	Surveying and Engineering Design (9.5%)	\$ 32,300
12.	Geo tech Report	\$ 3,000
13.	TNRCC Edwards Application (including submittal fee)	\$ 7,000
14.	Right of Way Acquisition Budget	\$ 30,000
15.	Field Notes and survey budget for land acquisition	\$ 5,000
16.	Project Budget	\$ 436,100

C. Engineering and Surveying Services Payment Schedule:

Survey work and Engineering Design work will be based on 9.5% of actual low bid with the following budget amounts billed prior to bids received:

1.	Survey: design and right-of-way determination	\$10,000
2.	Engineering design submitted for plan review	\$15,000
3.	Plans ready for bid	\$ 2,500
4.	Project award	\$ 2,500
5.	Construction Administration and as-builts	\$ 2,300
6.	Subtotal	\$32,300
7.	Easements and right-of-way acquisition surveying and field notes	\$ 5,000
	TOTAL	\$37,300

All other work, as and when authorized by the Owner, will be invoiced monthly per the attached rate schedule. The Engineer shall advise the Owner of a budget cost for any additional work to be so authorized.

The Owner shall pay all invoices received and due under the foregoing provisions within thirty days of receipt.

In the event that the Owner should decide to abandon the project, the Engineer will be so advised and shall be compensated for all work actually accomplished as of that date, on a percentage completion basis for lump sum work or on actual hourly basis for work so scheduled.

D. Provisions for Termination

This Agreement shall be effective upon execution by the Owner and the Engineer, and shall remain in force until terminated under provisions hereinafter provided.

If by reason of force majeure or any other reason, the Owner does not comply with the terms of the contract, the Engineer may give the Owner thirty days written notice of the

nature of such non-compliance. If the Owner does not remedy such fault within the thirty days, the Engineer may terminate for cause and present appropriate invoices for payment.

If the Engineer is unable to provide the services elaborated in this Agreement by reason of force majeure or any other reason, he will promptly advise the Owner of the circumstances. The Owner at its discretion may terminate the contract for cause or force majeure. If for any reason, the Owner decides to abandon the project, at its discretion it may terminate the contract for force majeure. Any termination provided in this paragraph would be effective immediately and the Engineer shall discontinue all services in connection with the performance of this Agreement and shall proceed to cancel promptly all existing orders and contracts insofar as such orders or contractors are chargeable to this Agreement. As soon as practicable after receipt of notice of termination, the Engineer shall submit a statement showing in detail the services performed under this Agreement to the date of termination.

Upon termination by either party, the Owner shall pay the Engineer promptly that proportion of the prescribed charges which the services actually performed under this Agreement bear to the total services called for under this Agreement, less such payments on account of charges as have been previously made. Following final payment to the Engineer, copies of all completed or partially completed designs, plans and specifications, and any other documents prepared under this Agreement shall be delivered to the Owner, when and if this Agreement is terminated.

E. Time of Performance:

The Engineer hereby acknowledges that time is of the essence in the performance of the work herein described. The Engineer will commit to work within completion schedules agreeable to the Owner and the Engineer. The time schedule for completion of the final maps, plans, specifications and report as identified under Scope of Service above will be one hundred twenty (120) days, plus time for coordination with landowners and time for County to review the surveys and designs, to complete and submit to the County Commissioners' Court from the date of receipt of the signed letter of authorization.

All provisions of the current manual of "Professional Practices - General Engineering Service" as published by the Consulting Engineer Council of Texas, which are not in conflict with the above shall apply to this Agreement.

Construction Administration shall be performed for the construction period designated in the executed construction contract. If the construction period is exceeded without contract time extensions, the scope of work will be considered excessive and the Engineer will be compensated on an hourly basis to complete the Construction Administration.

This proposal is good for thirty (30) days from the date noted at the beginning of the first page hereof.

Agreement to the conditions herein stated shall be acknowledged and agreed to by signature below.

If you should have any questions or if I can be of any further help, please contact me by phone at (512) 837-2446, or by fax at (512) 837-9463.

Sincerely,



Timothy E. Haynie, P/E., R.P.L.S.
Professional Engineer (Civil) License No. 36982
Professional Land Surveyor License No. 2380
Haynie Consulting, Inc.

Attachments: 2000 hourly rate schedule

To authorize the Engineering/Surveying services, please sign below and return the original to my office. Our work on the project shall begin upon receipt of authorization.

Williamson County
By: John C. Daefler
Title: County Judge
Date: 1-9-01

file: C:\cer-2000\Proposals\gb00172.doc



HAYNIE CONSULTING, INC.
CIVIL ENGINEERS AND LAND SURVEYORS

HOURLY RATE SCHEDULE
(CURRENT 2000)

- | | | |
|----|---|-------|
| 1. | REGISTERED PROFESSIONAL ENGINEER | \$110 |
| 2. | PROJECT REPRESENTATIVE
AND LAND SURVEYOR | \$95 |
| 3. | LAND PLANNER | \$65 |
| 4. | FIELD REPRESENTATIVE* | \$65 |
| 5. | CADD DESIGN TECHNICIAN | \$65 |
| 6. | TECHNICAL WRITER | \$60 |
| 7. | CLERICAL & DELIVERY SERVICE | \$30 |
| 8. | 2-MAN SURVEY CREW WITH TOTAL
STATION AND DATA COLLECTOR* | \$95 |
| 9. | REIMBURSEMENT FOR DIRECT NON-LABOR
EXPENSE AND SUBCONTRACT EXPENSE-
COST PLUS 20% | |

***INCLUDES VEHICLE AND EQUIPMENT**

Consider granting variance to Harlan Holloway property off County Road 258.

Moved: **Commissioner Boatright**

Seconded: **Commissioner Hays**

Motion: To grant variance to Harlan and Nancy Holloway allowing sale of 10 acres and building on 4.5 acres on private road at 1315 County Road 258, Liberty Hill, Texas, with stipulation **that no further subdivision of this property be allowed on the 10-acre tract or 4.5 acre tract.**

Vote: **5 - 0**

< Attachment >

Harlan & Nancy Holloway
1315 County Road 258
Liberty Hill, Texas 78642
January 06, 2001

The Honorable Greg Boatwright
County Commissioner
Williamson County
350 Discovery Blvd
Cedar Park, Texas 78613

Dear Greg Boatwright:

We request the Williamson County Commissioners to grant a variance to allow us to build a new home on part of the 14.5 acres we own.

This letter includes signatures of our neighbors that share the private road "Sunset Ridge". These signatures affirm their approval to allow us to sell our existing home and part of our land and at the same time construct a new home for my wife and I on the remaining acreage. The added traffic to the existing private road will be minimal.

Affidavit of approval to allow Harlan & Nancy Holloway to divide their land, sell their existing home with an acreage and construct a new home on the remaining acreage.

Name	Address	Signature
Lee & Linda Benitz	220 Sunset Ridge	Linda Benitz 515-5702
Lamar & Mary Ann Wallace	360 Sunset Ridge Ln	Lamar Wallace
Sandra Anderson	100 Sunset Ridge	Sandra Anderson

Please contact me at the above address if you have any questions or need additional information. I can also be contacted by phone at (512)515-5342 or (512)778-5111. A fax can be sent to (512)778-5150. An e-mail can be sent to pmc9905@aol.com.

Sincerely,

Harlan & Nancy Holloway