

THE BOARD OF SUPERVISORS OF THE COUNTY OF STANISLAUS
ACTION AGENDA SUMMARY

DEPT: PUBLIC WORKS *gn*

BOARD AGENDA # *C-7

Urgent Routine ✓

AGENDA DATE OCTOBER 2, 2001

CEO Concurs with Recommendation YES NO
(Information Attached)

4/5 Vote Required YES NO ✓

SUBJECT: APPROVAL OF A PROFESSIONAL SERVICES AGREEMENT WITH THOMPSON-HYSELL ENGINEERS OF MODESTO FOR ENGINEERING DESIGN SERVICES FOR THE SHACKELFORD AREA IMPROVEMENT PROJECT

STAFF
RECOMMEN-
DATIONS:

1. APPROVE A PROFESSIONAL SERVICES AGREEMENT WITH THOMPSON-HYSELL ENGINEERS OF MODESTO FOR ENGINEERING DESIGN SERVICES FOR THE SHACKELFORD AREA IMPROVEMENT PROJECT;
2. AUTHORIZE THE CHAIR TO EXECUTE THE AGREEMENT WITH THOMPSON-HYSELL ENGINEERS OF MODESTO IN THE AMOUNT OF \$473,520 FOR ENGINEERING DESIGN SERVICES FOR THE INSTALLATION OF CURB, GUTTER, SIDEWALK, STORM WATER, AND SANITARY SEWER FACILITIES IN THE SHACKELFORD AREA; AND,

(CONTINUED ON PAGE 2)

FISCAL
IMPACT:

The proposed project will be funded by a combination of County Renaissance, County road fund, and redevelopment monies. Sufficient funds are available to cover this portion of the project.

BOARD ACTION AS FOLLOWS:

No. 2001-771

On motion of Supervisor Simon , Seconded by Supervisor Blom
and approved by the following vote,

Ayes: Supervisors: Mayfield, Blom, Simon, and Chair Paul

Noes: Supervisors: None

Excused or Absent: Supervisors: None

Abstaining: Supervisor: Caruso

1) X Approved as recommended

2) Denied

3) Approved as amended

MOTION:

Christine Ferraro

SUBJECT: APPROVAL OF A PROFESSIONAL SERVICES AGREEMENT WITH THOMPSON-HYSELL ENGINEERS OF MODESTO FOR ENGINEERING DESIGN SERVICES FOR THE SHACKELFORD AREA IMPROVEMENT PROJECT

PAGE: 2

**STAFF
RECOMMEN-
DATIONS**

(Continued): 3. DIRECT THE AUDITOR TO INCREASE REVENUE AND APPROPRIATIONS IN THE AMOUNT OF \$473,520 PER THE ATTACHED BUDGET JOURNAL.

DISCUSSION: A project to install curb, gutter, sidewalk, storm drain, and sanitary sewer facilities in the Shackelford residential area is moving forward. The local firm of Thompson-Hysell Engineers has been selected to provide design engineering services resulting in construction plans and specifications for this project. The construction phase of the project is scheduled for spring/summer of 2002.

**POLICY
ISSUE:**

This action is consistent with the Board's policy of providing a safe, healthy community.



**STAFFING
IMPACT:**

There is no staffing impact associated with this action.

SE:sm

(G:\projects\Shackelford Area Improvement Project\THE supplement to board..wpd)


AUDITOR-CONTROLLER BUDGET JOURNAL

 <p>Stanislaus County <i>Striving to be the Best</i></p>	BUDGET JOURNAL SCREEN			 <p>Public Works STANISLAUS COUNTY</p>
	Budget Organization	Stanislaus Budget Org		
	Budget	LEGAL BUDGET		
	Accounting Period From	Jul-01	To	

BATCH SCREEN	
Journal Batch	PW DH
Category	Budget

Line	Coding Structure						Period	Description
	Fund 4	Org 7	Account 5	G/L Proj 7	Loc 6	Misc 6	Jun-01 AMOUNT	
1	1102	40310	63280	9409	0	0	473,520.00	Increase appropriations
2	1102	40310	46600	9409	0	0	473,520.00	Operating transfer in
3	1103	40301	85850	0	0	0	(473,520.00)	Operating transfer out
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
Totals							473,520.00	

Explanation: Increase appropriations and revenue for Shackelford Infrastructure project


Requesting Department	CEO	Auditors Office Only
Diane Haugh Signature 26-Sep-01 Date	_____ Signature _____ Date	 Approved By Admin Approval (\$75K+) 9/26/01 Date

AUDITOR - CONTROLLER

STANDARD JOURNAL VOUCHER

BATCH SCREEN

Batch: _____
 Period: Sep-01
 Description: _____

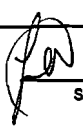


JOURNAL SCREEN

Journal: PW DKH
 Period: Sep-01
 Category: Transfer
 Balance Type: A A = Actual, B = Budget, E = Encumbrance
 Description: Transfer of Traffic Congestion Relief funds to Shackelford Infrastructure
 Control Total: 473,520.00

Line	Coding Structure						Debit	Credit	Description
	Fund 4	Org 7	Account 5	G/L Proj 7	Loc 8	Misc 6			
1	1103	40301	85850	0	0	0	473,520.00		Operating transfer out
2	1102	40310	46600	9409	0	0		473,520.00	Operating transfer in
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
Totals							473,520.00	473,520.00	

Explanation: Transfer of Traffic Congestion Relief funds to Shackelford Infrastructure Improvements

Diane Haugh Prepared by 09/26/01 Date	 Larry Wendel Supervisor's Approval 09/26/01 Date	Prepared by Date	Admin Apprvl >75,000 Date
--	--	---------------------	------------------------------

Thompson-Hysell Engineers
Project No. 2001-03

A. Terms and Conditions

Except as hereinafter provided, the services provided by the Consultant under this Project shall be subject to the terms and conditions set forth in the *Master Agreement for Professional Services* made and entered into by and between the County of Stanislaus ("County") and Thompson-Hysell Engineers, ("Consultant"), on July 25, 2000.
a division of The Keith Companies, Inc.

B. Scope of Work

The Consultant shall provide services under this Agreement for Professional Engineering Design Services for the Shackelford Area Improvements project, as set forth in the Consultant's Proposal and scope of work dated August 30, 2001, attached hereto and, by this reference, made a part hereof.

C. Compensation

The Consultant shall be compensated for the services provided under this Agreement as follows:

1. Consultant will be compensated on a lump sum basis for each task as set forth in the proposal and scope of work dated August 30, 2001, attached hereto and, by this reference, made a part hereof. In addition to the aforementioned fees, Consultant will be reimbursed for the following items, plus any expenses agreed by the parties as set forth in the Consultant's Proposal attached hereto, that are reasonable, necessary and actually incurred by the Consultant in connection with the services:
 - (a) Any filing fees, permit fees, or other fees paid or advanced by the Consultant.
 - (b) Expenses, fees or charges for printing, reproduction or binding of documents at actual costs.
2. The County shall retain ten (10) percent of all periodic or progress payments made to the Consultant until completion and acceptance of all work tasks.
3. The parties hereto acknowledge the maximum amount to be paid by the County for services provided shall not exceed \$473,520.00 including, without limitation, the cost of any subcontractors, consultants, experts or investigators retained by the Consultant to perform or to assist in the performance of its work under this Agreement.

///

In Witness Whereof, the parties have executed this Scope of Services No.
2001-03 on October 2, 2001.

COUNTY OF STANISLAUS

By 
Pat Paul
Chair of the Board of Supervisors

"County"

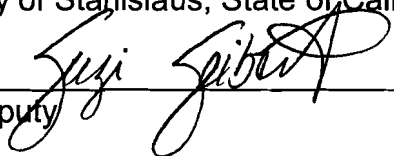
THOMPSON - HYSSELL ENGINEERS,
a division of the Keith Companies, Inc.

By 
H. Stanley Thompson, President


"Consultant"

Taxpayer Identification No.: 33-0203193

ATTEST:
CHRISTINE FERRO TALLMAN
Clerk of the Board of Supervisors of the
County of Stanislaus, State of California

By 
Deputy

APPROVED AS TO CONTENT:
DEPARTMENT OF PUBLIC WORKS

By 
Steve Erickson
Assistant to the Director

APPROVED AS TO FORM:
MICHAEL H. KRAUSNICK
COUNTY COUNSEL

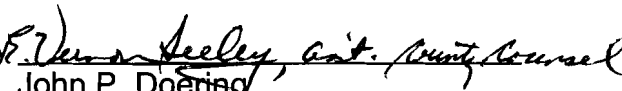
By 
John P. Doering
Deputy County Counsel

EXHIBIT "A"
STANISLAUS COUNTY
SHACKELFORD STORM DRAIN AND
SANITARY SEWER
MODESTO, CA
JOB #122676.01.000
AUGUST 30, 2001

TASK

100 DESIGN SURVEYS

Using the survey horizontal and vertical control points for the project provided by the Stanislaus County Public Works Survey Division:

- A. Procure a current ortho rectified photo of the project site showing the existing planimetric conditions of the project area.
- B. Field survey the existing street's centerline alignments and profiles, including grade breaks.
- C. Field survey the existing locations and elevations of the storm drainage facilities.
- D. Field survey cross-sections on all streets at 25' stations.
- E. Field survey the locations and elevations of all physical features including existing utilities, driveways, and other above ground objects.
- F. Prepare a base map of the existing conditions showing topography, cross-sections, planimetric details, utilities, and storm drainage features.

101 UTILITY MASTER PLANS

- A. Prepare a Storm Drain System Master Plan in conformance with the existing County Master Plan.
- B. Prepare a Sanitary Sewer System Master Plan in conformance with the existing City of Modesto Master Plan.
- C. Prepare calculations for all storm drainage facilities and tributary areas per County standards.
- D. Prepare calculations for the sanitary sewer system in conformance with City of Modesto standards.
- E. Prepare a Composite Utility Master Plan showing the existing utilities including storm drainage, water, sanitary sewer, electrical power, telephone, natural gas, and CATV.
- F. Submit master utility plans to utility companies for review, comment, and approval.



KS _____ Consultant
Initials

SE _____ Client
Initials

Exhibit "A"
Shackelford Storm Drain and
Sanitary Sewer
Job #122676.01.000
August 30, 2001
Page 2 of 5

102 IMPROVEMENT PLANS

- A. Prepare a cover sheet for the storm drainage and street improvement plans and a separate cover sheet for the sanitary sewer plans.
- B. Include the existing topography sheet prepared under Task 100.
- C. Prepare an overall drainage sheet using the Storm Drainage Master Plan prepared under Task 101.
- D. Prepare an overall sanitary sewer plan sheet using the Sanitary Sewer Master Plan prepared under Task 101.
- E. Prepare an overall storm drainage facilities plan.
- F. Prepare an overall sanitary sewer plan.
- G. Design the storm drain system in compliance with County standards.
- H. Design the sanitary sewer system to meet City of Modesto standards.
- I. Prepare a traffic control and construction signage plan for use by the Contractor during construction.
- J. Prepare a traffic striping, pavement markings, and signage plan.
- K. Prepare street and storm drainage plans and profiles.
- L. Prepare sanitary sewer plans and profiles.
- M. Prepare detail sheets showing street sections, drainage facilities, sanitary sewer facilities, and other pertinent details.
- N. Prepare engineer's opinion of probable cost upon approval of improvement plans.
- O. Prepare quantity sheet for bid purposes.
- P. Submit plans to the utility companies for review, comment, and approval.
- Q. Submit sanitary sewer plans to City of Modesto for review, comment, and approval.
- R. Designate and identify utilities on the plans if utilities are to be moved.
- S. Prepare technical specifications in accordance with the latest adopted version of the County standards, supplemented by Caltrans standards and specifications when necessary.
- T. Prepare technical specifications for sanitary sewer to meet City of Modesto standards.



KS Consultant
Initials

SE Client
Initials

Exhibit "A"
Shackelford Storm Drain and
Sanitary Sewer
Job #122676.01.000
August 30, 2001
Page 3 of 5

103 RIGHT-OF-WAY PLANS

- A. Prepare an overall map showing all right-of-way acquisitions required if additional right-of-way is required as part of the project.
- B. Prepare individual acquisition maps.
- C. Prepare metes and bounds property descriptions of the proposed right-of-way take of each parcel affected.

104 MEETINGS


- A. Attend public meetings as related to the project plans, reports, and legal descriptions.
- B. Attend initial project and plan progress meetings with Public Works staff.

105 EROSION

- A. Prepare an Erosion Control Plan for the project site in conformance with County requirements. The plan shall address both temporary and permanent erosion control measures for the project during construction.

106 ENGINEERING SUPPORT DURING CONSTRUCTION

- A. Provide telephone consultation, review Contractor's submittals, assist the Construction Manager in reviewing and tracking proposed plan modifications, respond to requests for information, provide verification letters based on survey data, and attend construction meetings.
- B. Prepare a punch list of the deficiencies or omissions observed prior to Certificate of Substantial Completion by the Contractor. Modifications to the plans will be addressed on an individual basis, and are not to be included in this item of work.

 Consultant
KS _____ Initials

Client
SE _____ Initials


Exhibit "A"
Shackelford Storm Drain and
Sanitary Sewer
Job #122676.01.000
August 30, 2001
Page 4 of 5

107 AS-BUILT PLAN PREPARATION

- A. Modify the construction plans, at the completion of the construction operation, to incorporate as-built modifications as noted from information provided by the Contractor, the final walk of the site, and field modifications made during construction.
- B. Provide the appropriate record copies of the plans required by the County and City of Modesto (sewers).

108 PUBLIC RELATIONS PROGRAM

- A. Organize Public Relations Program.
- B. Recognize interests and sensitivities of public – keep public well informed throughout design and construction.
- C. Establish a database of local key stakeholders including property owners, businesses, residents, public groups, etc.
- D. Arrange for individual meetings with project team members (County Planning, Public Works, and Redevelopment) and "key" community individuals and/or groups prior to public meetings.
- E. Arrange for and conduct public meetings (three recommended); one to be held prior to commencement of field surveys, one during the early design phase, and the other just prior to construction.
- F. Publicize public meetings to area businesses and residents through personal contacts, press releases to media, newspaper ads, first class mail, and flyers.
- G. Mail newsletters during the construction period to inform all interested parties of project progress and to let them know what to expect in the months ahead.
- H. Staff a hotline for information and comments, and maintain a call log dissemination to the project team members. Many non-technical questions can be answered immediately.

 Consultant
KS _____ Initials

SE _____ Client
Initials

Exhibit "A"
Shackelford Storm Drain and
Sanitary Sewer
Job #122676.01.000
August 30, 2001
Page 5 of 5

Exclusions:

1. Agency Fees
2. Agency Permits
3. Geotechnical Report
4. Title Reports
5. Construction Staking
6. Construction Management/Administration
7. Construction Inspection
8. California Department of Health Services Permits
9. Landscaping Plans
10. Finance Districts
11. Assessment Districts
12. Right-of-Way or Easement Acquisition
13. Off-Site Street Improvements
14. Off-Site Underground Improvements (Water, Sewer, and Storm Drain)
15. Construction Phasing Plan
16. Retaining Wall Design and/or Calculation
17. Traffic Signal Design
18. Flood Plain Issues
19. Contaminated Soil Mitigation
20. Structural Calculations
21. Lot Line Adjustment
22. Potholing of Existing Utilities

Reimbursable costs such as printing, all reproduction, blueprinting, overnight delivery, travel, and any additional costs above and beyond those, which are not included in submittal packages, will be billed in accordance with the attached Thompson-Hysell Engineers' Fee Schedule.

 KS Consultant
Initials

SE Client
Initials

**STANISLAUS COUNTY
SHACKELFORD AREA IMPROVEMENT
PROJECT**

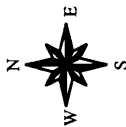
Date:9/6/01

TASK	DESCRIPTION	Task Sub-Total	TASK TOTALS
100	DESIGN SURVEYS		\$100,000
a	Ortho Rectified Photo	\$12,000	
b	Field Survey Existing Streets	\$30,000	
c	Field Survey Existing Storm Drainage & Off Site Sewer Connection	\$10,000	
d	Field Survey Cross-sections on Streets at 25-foot Stations	\$20,000	
e	Field Locate Existing Physical Features (Above Ground)	\$20,000	
f	Prepare Base Map of Existing Conditions	\$8,000	
101	UTILITY MASTER PLANS		\$28,160
a	StormDrain System Master Plan for the Project Area	\$5,900	
b	Sanitary Sewer System Master Plan for the Project Area	\$5,750	
c	Storm Master Calculations	\$3,380	
d	Sanitary Sewer Calculations	\$3,250	
e	Composite Utility Master Plan of Existing Utilities	\$5,980	
f	Utilities Companies Review, Comment and Approval	\$3,900	
102	IMPROVEMENT PLANS		\$223,300
a	Cover Sheet for Plan Set	\$2,500	
b	Existing Topography Sheet Prepared Under Item 100	\$1,500	
c	Overall Drainage Sheet	\$2,000	
d	Overall Sanitary Sewer Sheet	\$3,000	
e	Overall Storm Drainage Facilities Plan	\$10,750	
f	Overall Sanitary Sewer Facilities Plan	\$15,500	
g	Design Storm Drainage System	\$18,900	
h	Design Sanitary Sewer System to County and City of Modesto Standards	\$20,750	
i	Traffic Control & Construction Signage Plan together with Contractor	\$3,750	
j	Finished Traffic Striping, Pavement Markings, & Signage Plan	\$6,800	
k	Street and Storm Drainage Plan and Profile Sheets	\$70,600	
l	Sanitary Sewer Plan and Profile Sheets	\$26,750	
m	Detail Sheerts	\$4,200	
n	Final Engineer's Estimate of Probable Cost Based on Approved Improvement Plans	\$3,000	
o	Quantity Sheet for Bid Purposes	\$3,000	
p	Utilities Companies Review, Comment and Approval	\$1,500	
q	Submit Sanitary Sewer Plans to City of Modesto for Review, Comment and Approval	\$1,500	
r	Utilities Relocation Identification Plan	\$3,500	
s&t	Technical Specifications (including Sanitary Sewers to Modesto Standards)	\$23,800	
103	RIGHT-OF-WAY PLANS		\$18,540
a	Overall Map	\$1,530	
b	Individual Acquisition Maps	\$4,760	
c	Legal Descriptions of Proposed Right-Of-Way Take for Each Parcel	\$12,250	
104	MEETINGS		\$25,000
a	Attend Public Meetings Related to the Project Plans	\$3,500	
b	Attend Initial Project and Progress Meetings with County PW Staff	\$21,500	
105	EROSION CONTROL (TRANSITION GRADING)		\$15,000
a	Prepare Erosions Control Plan (including transition grading) for the Project	\$15,000	
106	SUPPORT DURING CONST.		\$25,000
a	Provide Support Services During Construction	\$25,000	
107	AS-BUILT PLANS		\$8,520
a	Modify Construction Plans to Incorporate As-Built Modifications	\$8,520	
108	PUBLIC RELATIONS PROGRAM		\$30,000
a	Organize Public Relations Program	\$5,000	
b	Identify Interests & Sensitivities of Public-Keep Public Well Informed	\$3,500	
c	Establish Data Base of Key Stakeholders	\$5,150	
d	Arrange for Individual Meetings with Project Team Members & Key Community Groups	\$7,500	
e	Arrange for and Conduct Public Meetings (3 Each)	\$2,500	
f	Publicize Public Meetings	\$1,000	
g	Mail Newsletters During Construction to Inform Interested Parties of Project Progress	\$2,500	
h	Staff a Hotline for Information and Comments and Maintain a Call Log	\$2,850	
	TOTAL		\$473,520

STANISLAUS COUNTY
SHACKELFORD AREA IMPROVEMENT PROJECT
PRELIMINARY PROJECT SCHEDULE

ID	Task Name	Duration	Start	Finish	2002															
					Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	100 DESIGN SURVEYS	4 wks	Mon 9/10/01	Fri 10/5/01	█															
2																				
3	101 UTILITY MASTER PLANS	6 wks	Thu 11/1/01	Tue 12/11/01			█													
4																				
5	102 IMPROVEMENT PLANS	16 wks	Mon 9/24/01	Thu 1/10/02		█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
6	(Plan Review & Approvals)	4 wks	Fri 1/11/02	Thu 2/7/02						█	█	█	█							
7																				
8	103 RIGHT-OF-WAY PLANS	4 wks	Mon 12/17/01	Fri 1/11/02				█	█	█	█									
9	(Right-Of-Way Acquisitions, if req'd.)	2 mons	Fri 1/11/02	Thu 3/7/02						█	█	█	█	█	█	█	█	█	█	█
10																				
11	104 MEETINGS	307 days	Mon 9/10/01	Mon 11/11/02	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇	◇
27	Community Meetings	263 days	Mon 9/10/01	Tue 9/10/02	◇			◇			◇			◇			◇			
33																				
34	105 EROSIONS CONTROL PLANS	6 wks	Sat 12/1/01	Thu 1/10/02				█	█	█	█	█	█	█	█	█	█	█	█	█
35																				
36	106 SUPPORT DURING CONSTRUCTION	8 mons	Wed 3/20/02	Tue 10/29/02																
37	(Bidding & Contracts)	6 wks	Thu 2/7/02	Wed 3/20/02						█	█	█	█	█	█	█	█	█	█	█
38																				
39	107 AS-BUILT PLANS	4 wks	Tue 10/29/02	Mon 11/25/02																█
40																				
41	108 PUBLIC RELATIONS PROGRAM	60 wks	Mon 9/10/01	Thu 10/31/02	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█

Shackelford Area
Improvements
Project Limits



Crows Landing Road

Hatch Road

Shackelford School

Shackelford Area

RITACI

RITACI

MAIN ST

PECOS AVE

PUEBLO AVE

EL PASO AVE

BOWIE AVE

CROCKETT AVE

BROADWAY AVE

SCHOOL AVE

BAROZZI AVE

RIO GRANDE AVE

SANTA FE AVE

ALAMO AVE

BOULDER AVE