

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

DEPT: PUBLIC WORKS  
Urgent \_\_\_\_\_ Routine ✓  
CEO Concurs with Recommendation YES \_\_\_\_\_ NO \_\_\_\_\_  
(Information Attached)

BOARD AGENDA # \*C-1  
AGENDA DATE FEBRUARY 13, 2001  
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 SALIDA STORM WATER DRAINAGE PROJECT

STAFF  
RECOMMEN-  
DATIONS:

1. APPROVE OF A PROFESSIONAL SERVICES AGREEMENT WITH THOMPSON-HYSELL ENGINEERS OF MODESTO FOR ENGINEERING DESIGN SERVICES FOR THE SALIDA STORM DRAINAGE PROJECT; AND,
2. AUTHORIZE THE CHAIR TO EXECUTE THE AGREEMENT WITH THOMPSON-HYSELL ENGINEERS OF MODESTO IN THE AMOUNT OF \$426,180 FOR ENGINEERING DESIGN SERVICES FOR THE INSTALLATION OF CURB, GUTTER, AND STORM WATER FACILITIES IN THE TOWN OF SALIDA.

FISCAL  
IMPACT:

The proposed project will be funded entirely by a loan from the US Department of Agriculture Rural Development Agency and County Redevelopment monies. Sufficient funds are available to cover this portion of the project.

**BOARD ACTION**

No. 2001-100

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

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

Noes: Supervisors: None

Excused or Absent: Supervisors: None

Abstaining: Supervisor: None

1) X Approved as recommended

2) \_\_\_\_\_ Denied

3) \_\_\_\_\_ Approved as amended

Motion:

*Christine Ferraro*

File No.

**SUBJECT:** APPROVAL OF A PROFESSIONAL SERVICES AGREEMENT WITH THOMPSON-HYSELL ENGINEERS OF MODESTO FOR ENGINEERING DESIGN SERVICES FOR THE SALIDA STORM WATER DRAINAGE PROJECT

**PAGE:** 2

**DISCUSSION:** A project to install curb, gutter, and the storm drainage facilities in the residential area in that area of Salida that currently does not have curb and gutter 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 of Supervisors's goal of providing a safe, healthy community.

**STAFFING IMPACT:** There is no additional staffing impact associated with this action.

SE:dh  
(G:\projects\salida storm water drainage\THE supplement to board..wpd)

## PROJECT NO. 2001-1

### 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 – HYSSELL ENGINEERS, A DIVISION OF THE KEITH COMPANIES, INC., ("Consultant"), on July 25, 2000, (the "Agreement").

### B. SCOPE OF WORK

The Consultant shall provide services under this Agreement for professional engineering and survey work to provide construction plans and specifications for the installation of curb, gutter and storm water facilities in the Town of Salida. Said improvements shall lie within the Project Area and encompass those streets as shown on the attached Exhibit A. Said work shall be in accordance with the tasks set forth in the proposal and scope of work identified as Salida Storm Water Drainage Project - Task Information, dated December, 21, 2000, 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 December, 21, 2000, attached hereto and, by this reference, made a part hereof. In addition to the aforementioned fees, Consultant will be reimbursed for the following expenses, plus any expenses agreed to by the parties as set forth in a Schedule of Rates 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 **\$426,180.00**, including, without limitation, the cost of any subcontractors, consultants, experts or investigators retained pursuant to Paragraph 1.6 of the Agreement.

///

IN WITNESS WHEREOF, the parties have executed this Scope of Services No. 2001-1 on February 13, 2001.

**COUNTY OF STANISLAUS**

By   
Chair of the Board of Supervisors

"County"

THOMPSON – HYSELL ENGINEERS, a  
division of the Keith Companies, Inc..

By   
H. Stanley Thompson, President

"Consultant"

Taxpayer Identification No.: 33-0203193

ATTEST:

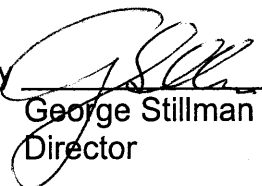
REAGAN M. WILSON

Clerk of the Board of Supervisors of the  
County of Stanislaus, State of California

By   
Deputy Clerk

APPROVED AS TO CONTENT:

DEPARTMENT OF PUBLIC WORKS

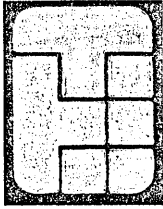
By   
George Stillman  
Director

APPROVED AS TO FORM:

MICHAEL H. KRAUSNICK

COUNTY COUNSEL

By   
John P. Doering  
Deputy County Counsel



# THOMPSON-HYSELL ENGINEERS

a division of The Keith Companies, Inc.

PLANNING ■ ENGINEERING ■ SURVEYING

1016 12th Street ■ Modesto, CA 95354 ■ (209) 521-8986 ■ FAX (209) 521-9045

12-21-2000

## SCOPE OF WORK

### SALIDA STORM WATER DRAINAGE PROJECT

#### Task Information

#### 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 storm drainage facilities locations and elevations.
- 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 calculations for all storm drainage facilities and tributary areas per County standards.
- C. Prepare a composite utility master plan showing the existing utilities including storm drainage, water, sanitary sewer, electrical power, telephone, natural gas, and CATV.
- D. Master Utility plans shall be submitted to utility companies for review, comment, and approval.

102 IMPROVEMENT PLANS

- A. Prepare a cover sheet for the storm drainage and street improvement plans.
- B. Include the existing topography sheet prepared under task 100.
- C. Using the storm drainage master plan prepared under task 101, prepare an overall drainage sheet.
- D. Prepare an overall storm drainage facilities plan.
- E. Design the storm drain system in compliance with the County standards.
- F. Prepare a traffic control and construction signage plan for use by the contractor during construction.
- G. Prepare a traffic striping, pavement markings and signage plan.
- H. Prepare street and storm drainage plans and profiles.
- I. Prepare detail sheets showing the street sections, drainage facilities, and other pertinent details.
- J. Prepare Final Engineer's Estimate upon approval of improvement plans.
- K. Prepare quantity sheet for bid purposes.
- L. Plans shall be submitted to the utility companies for review, comment, and approval.
- M. If utilities are to be moved, they shall be so designated and identified on the plans.
- N. Prepare technical specifications in accordance with the latest adopted version of the County standards, supplemented by Cal-Trans Standards and Specifications when necessary.

103 RIGHT-OF-WAY PLANS

- A. If additional right of way is required as part of the project, prepare an overall map showing all right-of-way acquisitions required.
- 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. If requested, 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 as deemed necessary.

105 EROSION CONTROL PLAN

- A. If requested, 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 provided per separate contract, and attend construction meetings on an as-needed basis. T.H.E. will 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.

107 AS-BUILT PLAN PREPARATION

- A. At the completion of the construction operation, modify the construction plans 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. The appropriate record copies of the plans required by the County will be provided as part of this task.

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.

Optional: Create and maintain a web site.

**Exclusions:**

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



**STANISLAUS COUNTY  
SALIDA STORM WATER DRAINAGE PROJECT**

Date:12/21/00

TIC Fee Schedule Preliminary Engineering			
<b>TASK</b>	<b>DESCRIPTION</b>	<i>Task Sub-Total</i>	<b>TASK TOTALS</b>
<b>100</b>	<b>DESIGN SURVEYS</b>		<b>\$100,000</b>
a	Ortho Rectified Photo	\$12,000	
b	Field Survey Existing Streets	\$35,000	
c	Field Survey Existing Storm Drainage	\$5,000	
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	
<b>101</b>	<b>UTILITY MASTER PLANS</b>		<b>\$22,980</b>
a	StormDrain System Master Plan for the Project Area	\$13,720	
b	Storm Master Calculations	\$1,380	
c	Composite Utility Master Plan of Existing Utilities	\$4,980	
d	Utilities Companies Review, Comment and Approval	\$2,900	
<b>102</b>	<b>IMPROVEMENT PLANS</b>		<b>\$192,500</b>
a	Cover Sheet for Plan Set	\$2,500	
b	Existing Topography Sheet Prepared Under Item 100	\$1,500	
c	Overall Drainage Sheet	\$4,000	
d	Overall Storm Drainage Facilities Plan	\$18,000	
e	Design Storm Drainage System	\$27,500	
f	Traffic Control & Construction Signage Plan together with Contractor	\$3,750	
g	Finished Traffic Striping, Pavement Markings, & Signage Plan	\$6,800	
h	Street and Storm Drainage Plan and Profile Sheets	\$89,450	
i	Detail Sheerts	\$4,200	
j	Final Engineer's Estimate Based on Approved Improvement Plans	\$3,000	
k	Quantity Sheet for Bid Purposes	\$3,000	
l	Utilities Companies Review, Comment and Approval	\$1,500	
m	Utilities Relocation Identification Plan	\$3,500	
n	Technical Specifications	\$23,800	
<b>103</b>	<b>RIGHT-OF-WAY PLANS</b>		<b>\$18,540</b>
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	
<b>104</b>	<b>MEETINGS</b>		<b>\$23,920</b>
a	Attend Public Meetings Related to the Project Plans	\$3,500	
b	Attend Initial Project and Plan Progress Meetings with PW Staff	\$20,420	
<b>105</b>	<b>EROSION CONTROL</b>		<b>\$7,400</b>
a	Prepare Erosions Control Plan for the Project	\$7,400	
<b>106</b>	<b>SUPPORT DURING CONST.</b>		<b>\$22,320</b>
a	Provide Support Services During Construction	\$22,320	
<b>107</b>	<b>AS-BUILT PLANS</b>		<b>\$8,520</b>
a	Modify Construction Plans to Incorporate As-Built Modifications	\$8,520	
<b>108</b>	<b>PUBLIC RELATIONS PROGRAM</b>		<b>\$30,000</b>
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	
	<b>TOTAL</b>		<b>\$426,180</b>

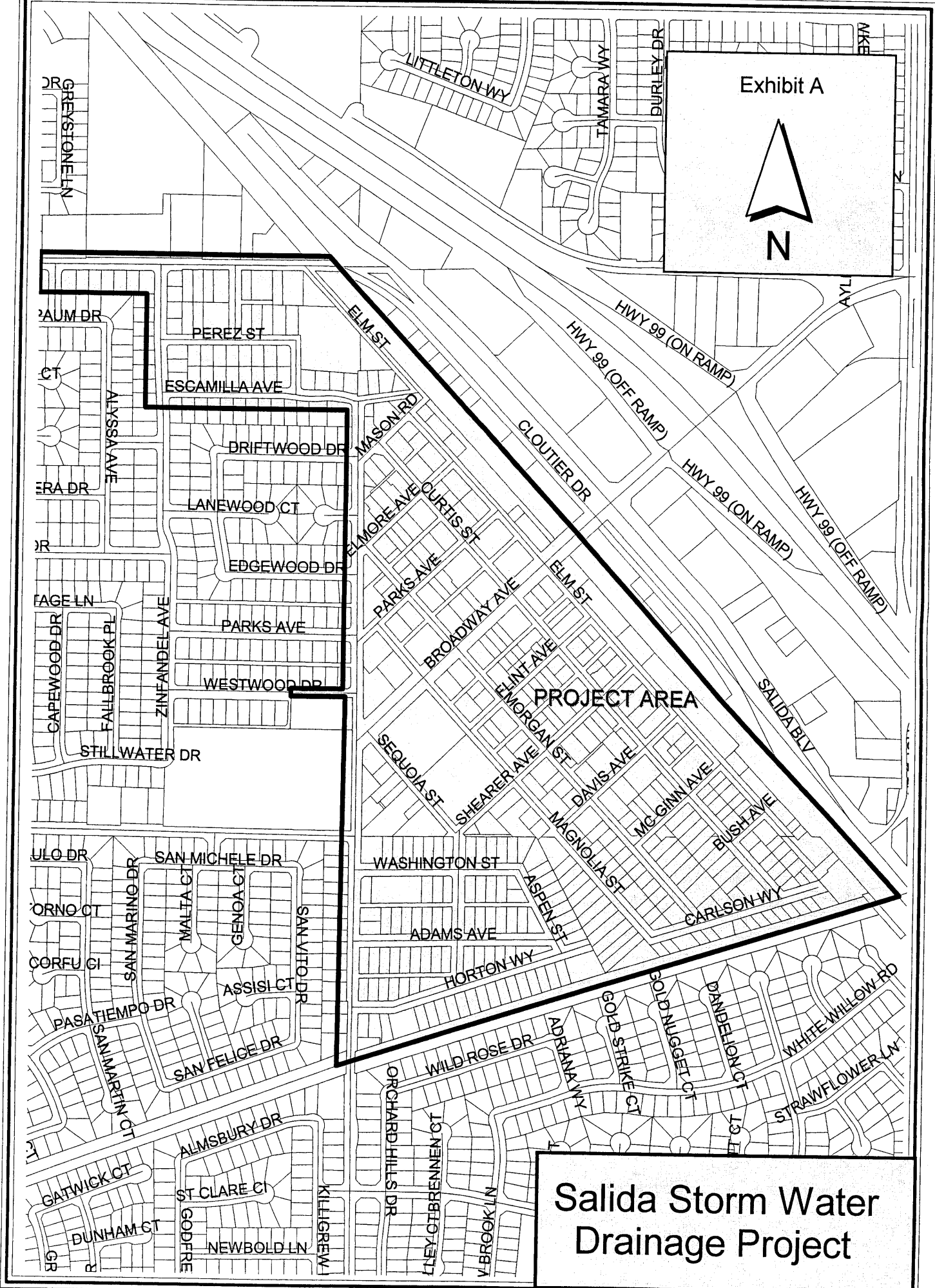
**Thompson Hysell Engineers**  
(a division of The Keith Companies, Inc.)  
**California Division**  
**FEE SCHEDULE – July 1, 2000**

Compensation for work performed on time and materials basis will be computed as follows:

<u>CIVIL ENGINEERING SERVICES, WATER RESOURCES and MAPPING</u>	<u>Hourly Rate</u>
President, Vice President, Director of Engineering, Director of Mapping .....	\$115.00
Sr. Project Manager .....	105.00
Project Manager, Sr. Survey Analyst, Sr. Project Surveyor, Mapping Supervisor .....	95.00
Project Surveyor .....	90.00
Assistant Project Manager, Sr. Project Engineer, Sr. Project Designer, Sr. Design Engineer, Sr. Designer.....	85.00
Survey Analyst.....	80.00
Project Engineer, Project Designer, Design Engineer .....	75.00
Assistant Engineer, Designer, Design Technician, Jr. Survey Analyst, Sr. CADD Technician .....	70.00
Jr. Engineer.....	65.00
CADD Technician, Engineering/Survey Aide, Research/Processing/Project Coordinator, Processing Manager.....	60.00
Jr. CADD Technician, Office Work .....	50.00
 <u>PLANNING SERVICES</u>	
Vice President of Planning.....	\$115.00
Director of Planning .....	100.00
Principal Planner.....	95.00
Senior Planner, Project Planner.....	85.00
Planner.....	80.00
Assistant Planner .....	70.00
Planning Technician, Graphic Designer .....	50.00
 <u>FIELD SURVEY</u>	
Director of Survey .....	\$115.00
Supervisor.....	95.00
Field Coordinator .....	85.00
Survey Technician .....	65.00
Three Person Crew.....	175.00
Two Person Crew .....	150.00
One Person Crew .....	95.00
Three Person GPS Crew .....	230.00
Two Person GPS Crew.....	205.00
One Person GPS Crew.....	150.00
 <u>SPECIAL SERVICES</u>	
Consultation Re: Litigation .....	\$300.00
Director Computer Services.....	\$130.00
 <u>MISCELLANEOUS FEES</u>	
The following services are billed at our cost plus 10%:	
• Subcontracted services.	
• Map check fees or filing fees advanced by us.	
• Transportation, meals and lodging for overnight travel and incidental travel expenses.	
• Commercial delivery services, including Federal Express, Express Mail, and Messenger Services.	
• Excessive long distance telephone calls, telegrams, and other costs directly applicable to the project.	
• Plotting and blueprint services and printing (the customer is encouraged to arrange for printing, other than prints or plots on our blueprint machine and plotters, to be contracted directly with an outside blueprint company acceptable to us).	
<u>MILEAGE</u> .....	\$.33/mile

*TH*

Exhibit A



Salida Storm Water  
Drainage Project

**Salida Storm Water Drainage Project – Street Listing “Exhibit A (continued)”**

The following streets either lie entirely or partly within the boundary of the above mentioned project and require design services for the installation of curb, gutter and storm drainage facilities in reference to the Salida Storm Water Drainage Project:

Adams Avenue  
Aspen Street  
Bush Avenue  
Carlson Way  
Curtis Street  
Davis Avenue  
Elm Street  
Elmore Avenue  
Escamilla Avenue  
Finney Road  
Flint Avenue  
Horton Way  
Kiernan Avenue  
Magnolia Street  
Mason Road  
McGinn Avenue  
Morgan Street  
Parks Avenue  
Perez Street  
Sequoia Street  
Shearer Avenue  
Washington Street  
Westwood Drive  
Zinfandel Avenue