

Sample  
Treasurer's  
Report

## 2.0 FINANCE AND MEMBERSHIP

### 2.1 FINANCIAL OPERATIONS

#### 2.1.1 Reporting Section Subsidiary Organizations

The Annual Financial Report of the Section shall include a consolidation of the concurrent financial operations of all subsidiary local organizations (Branches, Technical Groups, Forums, Committees, etc.) which may or may not have separate treasuries. This reporting may be done in two ways, or by a combination of both:

First, the itemized receipts, disbursements and assets of subsidiary local organizations may be included integrally with the Section statement of cash receipts and expenditures and budget comparison (Figure 3, Form - IIOA). This procedure would be preferable where the receipts and disbursements of the respective subsidiary organizations are handled and managed by the Section.

Second, when the receipts and disbursements are handled and managed by the subsidiary organizations, the total assets and total equity of such units may be reported separately by the Section on its Balance Sheet (Figure 4, Form - IIOB). When this procedure is used, the Section may find it convenient and desirable to have the subsidiary organizations submit an annual financial report to the Section. Forms - IIOA and IIOB may be locally adapted for this purpose. Copies of such reports should be included in this report following the Section's Financial Report.

2.1.2 Audit of Section Finances	Yes	No
The Section's Financial Records are periodically audited (by someone other than the Treasurer)	Yes	
Frequency, or time of Audit: Annually		
Describe composition or qualifications of Auditor or Auditing Committee: Former officers with knowledge of accounting procedures.		

2.1.3 Budget	Yes	No
This Section prepares a budget itemizing anticipated income and expenses	Yes	
Responsibility for preparing the budget belongs to (Position, Committee, etc.):  Treasurer of the Section with modifications by the Board of Direction		
	Yes	No
The budget is officially approved	Yes	
By (Position, Committee, etc.): Board of Direction of Kentucky Section		

<b>2.1.4 Periodic Financial Reports</b>	Yes	No
Financial Reports are periodically presented to the Section Membership	Yes	
Frequency: Quarterly		
Form of presentation: Treasurer's Report, General Ledger, Transactions		

<b>2.1.5 Handling of Funds</b>	
Authorization to obligate Section Funds belongs to (Title or Position)	Kentucky Section Board of Direction
Authorization to disburse Section Funds belongs to (Title or Position)	Treasurer

<b>2.1.6 Bonding</b>	Yes	No
Persons authorized to handle Section monies are bonded		No
Describe type, amount and cost of bonds in effect (theft, fidelity, etc.): Not Applicable		

<b>2.1.7 Operation of Subsidiary Organizations</b>		
The following subsidiary organizations handle their Financial Operations separate from the Section-Treasurer's activities  Please list organization(s):	Charge dues	
	Yes	No
Bluegrass Branch		X
Louisville Branch	X	X
Frankfort Branch		X
Owensboro Branch		X
Ky Geotechnical Engineering Group	X	
Computer User's Group		X
Robert M. Gillim Foundation		X
Younger Members Group		X

2.2 STATEMENT OF CASH RECEIPTS, EXPENDITURES & BUDGET COMPARISON FOR FISCAL YEAR	
Number of members assigned to Section (as of September 30, 1994)	769
Number of members paying Section dues during the period	477
Number of assigned Life Members exempt for payment of Section dues	82
Number of Branches	4
Number of Student Chapters in area of Section	2

SECTION MEMBERSHIP/DUES REPORT						
MEMBERSHIP		DUES				
Membership Grades		Number assigned to Section as of October 1 A	Section dues amount per person B	Number of Assigned Members Paying Dues C	Dues Collected D (= BxC)	% Assigned Members Paying Section Dues C/Ax100
Associate Member	AM	170	\$10	113	1130	66
Member	M	357	\$10	254	2540	71
Fellow	F	41	\$10	15	150	37
Affiliate	AF	46	\$10	25	250	54
Student Member	SM	155	\$4	70	280	45
TOTAL	X	769	XXXXXXXX	477		62
Life Member	LM	82		XXXXXXXX		XXXXXXXX
Total assigned members minus life members. (Item 1 minus item 2)		687	XXXXXXXX	XXXXXXXX		XXXXXXXX
% of Assigned Members less Life Members paying Sect. Dues = Item 4 x 100 - Item 3 = 69.43 %						

RECEIPTS	\$ BUDGET	\$ ACTUAL
21 Section Dues	\$5692	\$6599
22 Society Allotments	\$1808	\$2188
23 Interest Income	\$250	\$302.17
24 Dividend Income		
25 Contributions, Gifts, Grants		
26 Assessments		
27 Publication Sales		
28 Entrance Fees	\$35	\$0
30 Advertising Income		
33 Local Societies		
34 Dinners & Luncheons	\$3500	\$2607
35 ASCE Conferences		
36 Educational Courses		
40 Miscellaneous	4811	\$4198.17
TOTAL	\$16096	\$15592.17
Sale of Securities	XXXXXXXXXXXXXXXXXXXXXXX	
SubTotal	XXXXXXXXXXXXXXXXXXXXXXX	\$
Cash on Hand October 1, 1993	XXXXXXXXXXXXXXXXXXXXXXX	\$11042.93
TOTAL		\$26635.10

Figure 3

2.3 DISBURSEMENTS	\$ BUDGET	\$ ACTUAL
33 Local Societies (Mathcounts)	0	0
34 Dinners & Luncheons	\$3500	\$1667.91
35 ASCE Conferences	\$75.00	\$0.00
36 Educational Courses		
40 Miscellaneous	\$240.00	\$367.99
49 Contributions, Gifts, Grants Paid (Scholarship)	\$1000	\$1000
50 Fees Paid for Raising Contributions, Gifts, Grants		
51 Stationery & Office Supplies	\$50.00	\$0.00
52 Postage		
53 Telephone & Telegraph		
54 Newsletter	\$2250.00	\$1856.81
55 Year Book	\$50.00	\$0.00
56 General Printing (Excluding Advertising)		
57 Meetings (National Convention)	\$1500.00	\$1204.25
58 Branches	\$3520.00	\$4172.00
59 Special Recognition	\$50.00	\$0.00
60 Student Activities		
61 Secretarial Services (Non Employee)		
62 Section Officer Honorarium	\$60.00	\$86.63
63 President's Fund	\$50.00	\$0.00
64 Accounts Payable	\$78.87	\$77.87
65 ASCE Council (District 9 Dues & Expenses)	\$700.00	\$350.00
66 Charges for Checking	\$155.00	\$119.26
67 D.V.Terrell Competition	\$100.00	\$0.00
68 Robert M. Gillim Foundation	\$5.00	\$0.00
69 Gillim Award	\$120.00	\$119.39
70 Discover "E"	\$500.00	\$250.00
71 Student Scholarship Fund	\$2860.00	\$3510.00
<b>ADVERTISING EXPENSE</b>		
81 Printing		
82 Promotion		
83 Commissions		
84 Postage		
85 Supplies		
86 Advertising Salaries		
TOTAL	\$16863.87	\$14782.15
Purchase of Securities	XXXXXXXXXXXXXXXXXX	\$
Sub Total	XXXXXXXXXXXXXXXXXX	\$
Cash on Hand September 30, 1994	XXXXXXXXXXXXXXXXXX	\$11852.99
TOTAL	XXXXXXXXXXXXXXXXXX	\$26635.14

**KENTUCKY SECTION  
AMERICAN SOCIETY OF CIVIL ENGINEERS**

PROPOSED BUDGET  
October 1, 1993 to September 30, 1994

**A. CASH ON HAND(10/1/93)**

1. Checking Account (#708-04354)	\$7,068.04
2. Investment Management Account (#308-02946)	\$3,974.89
TOTAL	<u>\$11,042.93</u>

**B. INCOME**

1. Section Dues (1)	\$5,692.00
2. National ASCE Allotment (2)	\$1,808.00
3. National Refund of Entrance Fees	\$35.00
4. Interest	\$250.00
5. Miscellaneous Income	\$25.00
6. 1994 Annual Meeting	\$3,500.00
7. Scholarship Fund	\$2,900.00
8. Gillim Fund	\$0.00
9. Voluntary Scholarship Contribution	\$460.00
10. Accounts Receivable (3)	\$1,426.00
TOTAL	<u>\$16,096.00</u>

**C. EXPENSES**

1. 1994 Annual Meeting	\$3,500.00
2. Student Scholarships (2 @ \$500)	\$1,000.00
3. Newsletter - Printing	\$900.00
4. Newsletter - Postage	\$1,350.00
5. Terrell Competition (4)	\$100.00
6. District 9 Dues (4 @ \$25)	\$100.00
7. District 9 Delegate Expenses (5)	\$600.00
8. Management Conference Delegate (6)	\$75.00
9. Miscellaneous	\$240.00
10. Bluegrass Branch (7)	\$707.00
11. Louisville Branch (8)	\$2,501.00
12. Frankfort Branch (9)	\$174.00
13. Owensboro Branch (10)	\$138.00
14. Gillim Foundation	\$5.00
15. C.E. Landmark Award	\$0.00
16. Special Recognition Award	\$50.00
17. President's Fund	\$50.00
18. President's National Convention Expense (11)	\$1,500.00
19. Plaque for Retiring President	\$60.00
20. Charges for Checking Account	\$155.00

21. Office Supplies, Postage, and Copying	\$50.00
22. Printing Annual Report	\$50.00
23. Minority Programs	\$0.00
24. Student Scholarship Fund	\$1,500.00
25. Scholarship Plaques/Certificates	\$400.00
26. Gillim Award	\$120.00
27. Accounts Payable	\$78.87
28. Section Contribution to Scholarship Fund	\$500.00
29. Discover "E"—National Engineers' Week	\$500.00
30. Voluntary Scholarship Contributions	\$460.00
<b>TOTAL</b>	<b><u>\$16,863.87</u></b>

#### D. ANTICIPATED CASH ON HAND

CASH ON HAND (10/1/93)	\$11,042.93
OPERATING BUDGET SURPLUS (DEFICIT)	<u>(\$767.87)</u>
ANTICIPATED CASH ON HAND (9/30/94)	<u>\$10,275.06</u>

#### FOOTNOTES:

- (1) Based on 07/30/93 membership roster — 216 paid members @ \$10 (\$2,160), 161 paid @ \$20 (\$3,220), and 78 paid student members @ \$4 (\$312)
- (2) Based on Section @ \$50, 4 Branches @ \$50 (\$200), 2 Student Chapters @ \$25 (\$50), and 377 paid members @ \$4 (\$1508)
- (3) Checks Received after OCT 1 of \$195, KY CONCRETE exhibitor fee of \$100. Check for \$1131.00 dated 2/6/92 from National that was never received
- (4) Grant to Participate, maximum \$50 each for more than one competitor
- (5) \$100 maximum per delegate per meeting, must be requested by delegate
- (6) Kentucky Section Registration
- (7) Branch @ \$50, Student Chapter @ \$25, and 158 paid members @ \$4 each (\$632)
- (8) Branch @ \$50, Student Chapter @ \$25, and 161 paid members @ \$14 each 43 student members @\$4 per (\$2426)
- (9) Branch @ \$50, and 31 paid members @ \$4 each (\$124)
- (10) Branch @ \$50, and 22 paid members @ \$4 each (\$88)
- 1) Not to exceed \$1500

Figure 4

Form - 110B

ASCE Section:	2.4 Balance Sheet
For Fiscal Year Beginning October 1, 1993 and ending September 30, 1994	

ASSETS		EQUITY	
Cash in Banks and on Hand, Sept. 30	\$17242.74	Surplus	\$11852.99
Securities (at cost)	\$54186.09		\$
Furniture & Equipment	\$		\$
Building	\$		\$
Land	\$		\$
Trust Funds	\$5518.25	Reserves for Prizes, Awards & Trust Funds	\$65094.07
SUBTOTAL ASSETS	\$	SUBTOTAL EQUITY	\$76947.06
Total Assets Subsidiary Organizations (Branches, Technical Groups, Forums, Committees, etc.)	\$5705.49	Total Equity Subsidiary Organizations (Branches, Technical Groups, Forums, Committees, etc.)	\$5518.25
Accounts Receivable at end of current Fiscal Year amounted to: (outside of section funds)	\$117.99	Total of unpaid bills at the end of the current Fiscal Year amounted to approximately:	\$566.93
TOTAL ASSETS:	\$82770.56	TOTAL EQUITY:	\$81898.38

NOTE: Total Assets must equal Total Equity



ASCE Section:

2.5 Securities Held at September 30, 1994

U.S. Government Securities:

Principal Amount	Type	Cost

Corporate Bonds:

Principal Amount	Name	Cost
\$20000	Salomon Brothers 6.95% A-rated, 10 yr.	
\$10000	Salomon Brothers 6.45% A-rated, 10 yr.	

Stock:

Number of Shares	Name	Cost
1779.698	Income Fund of America Mutual Fund	\$24186.09

# KENTUCKY SECTION AMERICAN SOCIETY OF CIVIL ENGINEERS

## TREASURER'S REPORT October 1, 1993 through December 31, 1993

### BALANCE SHEET

	10/1/93	12/31/93
1. Checking Account (#708-04354)	\$7,068.04	\$6,385.00
2. Investment Management Account (#308-02946)	<u>\$3,974.89</u>	<u>\$3,992.75</u>
TOTAL	\$11,042.93	\$10,377.75
STUDENT SCHOLARSHIP FUND MONEY MARKET	\$10,983.57	\$1,166.47
STUDENT SCHOLARSHIP FUND 6.95% BONDS	\$20,000.00	\$20,000.00
STUDENT SCHOLARSHIP FUND 6.45% BONDS	\$0.00	\$10,000.00
STUDENT SCHOLARSHIP FUND MUTUAL FUND	<u>\$24,154.12</u>	<u>\$24,980.70</u>
	\$55,137.69	\$56,147.17
GILLIM FOUNDATION FUND	\$5,361.84	\$5,400.44

### TOTAL ASSETS

\$71,542.46 \$71,925.36

### RECEIPTS

	<u>BUDGET</u>	<u>YTD</u>
1. Section Dues	\$5,692.00	\$0.00
2. National ASCE Allotment	\$1,808.00	\$0.00
3. National Refund of Entrance Fees	\$35.00	\$0.00
4. Interest	\$250.00	\$59.20
5. Miscellaneous Income	\$25.00	\$145.00
6. 1994 Annual Meeting	\$3,500.00	\$0.00
7. Scholarship Fund	\$2,900.00	\$350.00
8. Gillim Fund	\$0.00	\$0.00
9. Voluntary Scholarship Contribution	\$460.00	\$0.00
10. Accounts Receivable	<u>\$1,426.00</u>	<u>\$1,426.00</u>
TOTAL	\$16,096.00	\$1,980.20

### DISBURSEMENTS

	<u>BUDGET</u>	<u>YTD</u>
1. 1994 Annual Meeting	\$3,500.00	\$0.00
2. Student Scholarships (2 @ \$500)	\$1,000.00	\$0.00
3. Newsletter - Printing	\$900.00	\$50.00
4. Newsletter - Postage	\$1,350.00	\$242.16
5. Terrell Competition	\$100.00	\$0.00
6. District 9 Dues (5 @ \$25)	\$100.00	\$0.00
7. District 9 Delegate Expenses	\$600.00	\$0.00
8. Management Conference Delegate	\$75.00	\$0.00
9. Miscellaneous	\$240.00	\$0.00
10. Bluegrass Branch	\$707.00	\$0.00
11. Louisville Branch	\$2,501.00	\$0.00

12. Frankfort Branch	\$174.00	\$0.00
13. Owensboro Branch	\$138.00	\$0.00
14. Gillim Foundation	\$5.00	\$0.00
15. C.E. Landmark Award	\$0.00	\$0.00
16. Special Recognition Award	\$50.00	\$0.00
17. President's Fund	\$50.00	\$0.00
18. President's National Convention Expense	\$1,500.00	\$1,204.25
19. Plaque for Retiring President	\$60.00	\$0.00
20. Charges for Checking Account	\$155.00	\$41.10
21. Office Supplies, Postage, and Copying	\$50.00	\$0.00
22. Printing Annual Report	\$50.00	\$0.00
23. Minority Programs	\$0.00	\$0.00
24. Student Scholarship Fund	\$1,500.00	\$1,030.00
25. Scholarship Plaques/Certificates	\$400.00	\$0.00
26. Gillim Award	\$120.00	\$0.00
27. Accounts Payable	\$78.87	\$77.87
28. Section Contribution to Scholarship Fund	\$500.00	\$0.00
29. Voluntary Scholarship Contributions	<u>\$460.00</u>	<u>\$0.00</u>
TOTAL	\$16,363.87	\$2,645.38

KY SECTION STUDENT SCHOLARSHIP FUND ACCOUNT #5815287 TRANSACTIONS  
 OCTOBER 1, 1993 TO DECEMBER 31, 1993

DATE	CHECK	TRANSACTION	BUDGET#	DEBIT	CREDIT	BALANCE
10-01-93		BEGINNING BALANCE:				\$11,068.57
10-15-93		INTEREST	NA		\$19.07	\$11,087.64
11-15-93		INTEREST	NA		\$23.13	\$11,110.77
12-14-93		KY SECTION	NA		\$1,030.00	\$12,140.77
12-14-93		KY SECTION	NA	\$1,000.00		\$11,140.77
12-23-93		10K BONDS-6.45%	NA	\$10,002.75		\$1,138.02
12-31-93		INTEREST	NA		\$28.45	\$1,166.47

# KENTUCKY SECTION AMERICAN SOCIETY OF CIVIL ENGINEERS

## CHECKING ACCOUNT #708-04354 TRANSACTIONS

OCTOBER 1, 1993 TO DECEMBER 31, 1993

DATE	CHECK	TRANSACTION	BUDGET#	DEBIT	CREDIT	BALANCE
10-01-93		BEGINNING BALANCE				\$7,068.04
10-14-93		CHECKS	20	\$14.20		\$7,053.84
10-18-93	288	CURTIS TROPHY	27	53.87		\$6,999.97
10-18-93	289	MCM CONSULTING	4	\$123.23		\$6,876.74
10-18-93	290	STUARTGOODPASTER	27	\$24.00		\$6,852.74
10-29-93		INTEREST	4		\$12.89	\$6,865.63
10-29-93		SERVICE CHARGE	20	\$9.10		\$6,856.53
11-10-93		SCHOL FUND & A.R.	7,10		\$1,576.00	\$8,432.53
11-24-93	291	STUARTGOODPASTER	18	\$1,204.25		\$7,228.28
11-24-93	292	CAROL FISCHER	3	\$50.00		\$7,178.28
11-24-93	293	MCM CONSULTING	4	\$118.93		\$7,059.35
11-30-93		SERVICE CHARGE	20	\$8.95		\$7,050.40
11-30-93		INTEREST	4		\$15.75	\$7,066.15
12-10-93		SCHOLAR SHIP FUND	7		\$200.00	\$7,266.15
12-13-93	294	HILLIARD-LYONS	24	\$1,030.00		\$6,236.15
12-31-93		SERVICE CHARGE	20	\$8.85		\$6,227.30
12-31-93		INTEREST	4		\$12.70	\$6,240.00
12-31-93		ADJUSTMENT	5		\$145.00	\$6,385.00

**KENTUCKY SECTION  
AMERICAN SOCIETY OF CIVIL ENGINEERS**

*GILLIM FOUNDATION ACCOUNT #5815113 TRANSACTIONS  
OCTOBER 1, 1993 TO DECEMBER 31, 1993*

DATE	CHECK	TRANSACTION	BUDGET#	DEBIT	CREDIT	BALANCE
10-01-93		BEGINNING BALANCE:				\$5,361.84
10-15-93		INTEREST	NA		\$10.72	\$5,372.56
11-15-93		INTEREST	NA		\$11.15	\$5,383.71
12-31-93		INTEREST	NA		\$16.73	\$5,400.44

**KENTUCKY SECTION  
AMERICAN SOCIETY OF CIVIL ENGINEERS**

*INVESTMENT MANAGEMENT ACCOUNT #30802946 TRANSACTIONS  
OCTOBER 1, 1993 TO DECEMBER 31, 1993*

DATE	CHECK	TRANSACTION	BUDGET#	DEBIT	CREDIT	BALANCE
10-01-93		BEGINNING BALANCE				\$3,974.89
10-12-93		INTEREST	4		\$5.68	\$3,980.57
11-12-93		INTEREST	4		\$6.09	\$3,986.66
12-13-92		INTEREST	4		\$6.09	\$3,992.75

Sample  
Branch  
Report



QUARTERLY REPORT OF THE LOUISVILLE BRANCH OF ASCE

OCTOBER 19, 1993

DAVID F. GARBER, P.E.  
PRESIDENT  
LOUISVILLE BRANCH OF ASCE  
1993-94

Meeting information is shown on the attached sheets with the exception of the October 1, 1993 meeting. Newly elected officers were installed by Chuck Wood. Thirty (30) members were present including students. The speaker was an attorney with Paragon Legal Services. He spoke on estate planning. The location was the Alumni Club on the U of L campus.

The new officers for the Louisville Branch are as follows:

President: David F. Garber  
Vice-President: Norman Brown  
Treasurer: Saeed Assef  
Secretary: Bonnie Schaefer

Our next branch meeting will be held on Friday, November 5, 1993.

A current Treasurer's report is also included.

Submitted By: 

David F. Garber, P.E.  
President

(ASCE1019.931)

Meeting - May 17, 1993 - Friday

Place: University of Louisville Alumni Club  
Speaker: Mr. Daryl Hardy  
Subject: The Roll of the Home Inspector and How They Interface with  
Civil Engineers  
Attendance: 40 Persons, 5 Students

Meeting - September 10, 1993 - Friday

Place: University of Louisville Alumni Club  
Speaker: Mr. Al Tomassetti  
Subject: Problems and Cures of Masonry  
Attendance: 32 Persons, 5 Students

No Meetings June, July and August, 1993.

A:SE11.C1

ASCE  
Louisville Branch Officers  
1993-94

David F. Garber:	President	Garber & Garber Engineers, Inc. 620 E. Main Street Louisville, KY 40202 (502) 583-4285
Norman Brown:	Vice-President	Metropolitan Sewer District 400 South Sixth Street Louisville, KY 40202 (502) 540-6390
Saeed Assef:	Treasurer	Metropolitan Sewer District 400 South Sixth Street Louisville, KY 40202 (502) 540-6310
Bonnie Schaefer:	Secretary	Hazelet + Erdal 100 E. Liberty Street, Suite 800 Louisville, KY 40202 (502) 583-2723

QUARTERLY REPORT OF THE LOUISVILLE BRANCH OF ASCE

JANUARY 10, 1994

DAVID F. GARBER, P.E.  
PRESIDENT  
LOUISVILLE BRANCH OF ASCE  
1993-94

The meeting information and activities of the Louisville Branch are as follows:

November 1993 Meeting: U of L Alumni Club  
Friday, November 5, 1993  
Speaker: Burt Deutsch of the Corradino Group  
Topic: Light rail system in Louisville  
Attendance: 68

December 1993 Meeting: U of L Alumni Club  
Hosted by the U of L Student Branch  
Friday, December 3, 1993  
Speaker: Wayne Bennett of the Louisville & Jefferson County Planning Commission  
Topic: The Comprehensive Plan for Louisville and Jefferson County  
Attendance: 60


January 1994 Meeting: U of L Alumni Club  
Friday, January 7, 1994  
Speaker: John Sackstedder of the Kentucky Transportation Cabinet  
Topic: Metrification  
Attendance: 71

Future activities: February meeting. ASCE will participate in the Engineer's Week banquet sponsored by KSPE. We will be presenting a distinguished service award and an additional certificate of appreciation to two of our members.

The Louisville Branch is also organizing an Engineers day at the Mall. Demonstrations and exhibits will be shown all day long on Saturday, February 19, 1994. There will not be a regular Branch meeting during February.

The March meeting will be held on Friday, March 4, 1994.

A current Treasurer's report is also attached.

Submitted By:   
David F. Garber, P.E., President

(ASCE0106.941)

ASCE LOUISVILLE BRANCH  
TREASURER'S REPORT  
DECEMBER 31, 1993

CHECKING ACCOUNT BALANCE DECEMBER 31, 1993 \$1,916.98

INCOME:

MSD REIMBURSEMENT FOR LUNCHEON	\$138.00
TOTAL	\$138.00

EXPENSES:

ASCE STUDENT CHAPTER LUNCHEON	\$138.00
TOTAL	\$138.00

CHECKING ACCOUNT BALANCE AS OF DECEMBER 31, 1993 \$1,916.98

ADDITIONAL:

MONEY ON HAND WELCOMING COMMITTEE	\$81.00
RESERVE & SCHOLARSHIP FUND	\$1,738.40
BALANCE	\$3,736.38

## ASCE LOUISVILLE BRANCH ACTIVITIES

1993-1994

### Meeting October 1, 1993

Place: University of Louisville Alumni Club  
Speaker: Mr. John Frank  
Subject: "Trusts" and "Planning your Estate"  
Attendance: 37 persons, 7 students

### Meeting November 5, 1993

Place: University of Louisville Alumni Club  
Speaker: Mr. Burt Deutsch  
Subject: "Light Rail for Louisville and Jefferson County"  
Attendance: 68 persons, 11 students

### Meeting December 3, 1993

Place: University of Louisville Alumni Club  
Speaker: Mr. Wayne Bennett  
Subject: "Comprehensive Plan for Louisville and Jefferson County"  
Attendance: 52 persons

### Meeting January 7, 1994

Place: University of Louisville Alumni Club  
Speaker: Mr. John Sackstedder  
Subject: "Metrication"  
Attendance: 71 persons, 4 students

Engineer's Week Banquet - Participated with Kentucky Society of Professional Engineers. Banquet held on Friday, February 26, 1993 at the J. S. Speed Art Museum.

### Meeting March 4, 1994

Place: University of Louisville Alumni Club  
Speaker: Ms. Dorsey Lewis  
Subject: Falls of the Ohio State Park development  
Attendance: 33 persons, 6 students

### Meeting April 1, 1994

Place: University of Louisville Alumni Club  
Speaker: Dr. Thomas Fenske  
Subject: "Design Specifications of Debris Forces on Bridges"  
Attendance: 45 persons, 7 students

ASCE LOUISVILLE BRANCH ACTIVITIES  
1993-1994  
cont'd.

Meeting May 6, 1994

Place: University of Louisville Alumni Club  
Speaker: Mr. Glen Elmers  
Subject: "Cedar Creek Sewage Treatment Plant"  
Attendance: 30 persons, 4 students

No meetings held during the months of June, July or August, 1994.

Meeting September 9, 1994

Place: Falls of the Ohio State Park  
Speaker: None  
Attendance: 27 persons, 4 students

3.4 BRANCH/SUBSIDIARY ORGANIZATIONAL ANNUAL REPORT OF ACTIVITIES (Use a separate page for each Activity)

Name of Branch: Louisville

Officers of this Branch are elected during the month of

September

Officers this Branch officially take office during the month of

October

MEETINGS DURING PAST FISCAL YEAR

DATE				ATTENDANCE				
Month	Day of Month	Day of Week	Time	Program (Brief Description)	Members (AM, M, F, LM)	Student Chapter Members	Non-Members	Total
				See attached quarterly reports				

Attach Supplemental lists if necessary.

Brief description of highlights of activities (other than meetings listed above) during the past year were:

Co-sponsor of golf outing with KSPE

Name of President

David Garber

Name of Secretary

Bonnie Schaeffer



Sample  
Technical Group  
Report

### 3.3 TECHNICAL GROUPS ANNUAL REPORT OF ACTIVITIES (Use a separate page for each Technical Group)

Name of Branch: Geotechnical Engineering Group

Officers of this Branch are elected during the month of October

Officers this Branch officially take office during the month of October

#### TECHNICAL GROUP MEETINGS DURING PAST FISCAL YEAR

DATE					ATTENDANCE			
Month	Day of Month	Day of Week	Time	Program (Brief Description)	Members (AM, M, F, LM)	Student Chapter Members	Non-Members	Total
				See attached quarterly reports				

Attach Supplemental lists if necessary.

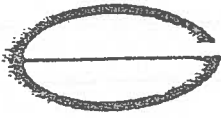
Brief description of highlights of activities (other than meetings listed above) during the past year were:

Hosted Ohio River Valley Soil Seminar (ORVSS)

Name of President

Larry Snedegar

Name of Secretary



GROUND ENGINEERING AND TESTING SERVICE, INC.

January 4, 1994

A.S.C.E.  
Kentucky Section  
571 Judy Lane  
Lexington, Kentucky 40503

Attention: Mr. Stuart Goodpaster

Subject: Board of Directors' Meeting

Dear Mr. Goodpaster:

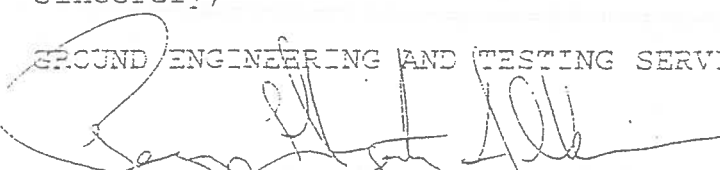
I have received your notification of the meeting which will take place on January 10, 1994. Unfortunately, I will not be able to attend.

Currently, the Kentucky Geotechnical Engineering Group is in a transition state, so there is no news to report. Due to the extremely busy nature of most of our members' business schedules lately, monthly meetings have been suspended indefinitely. In addition, new elections have not taken place, so the status of several of the officers' positions is uncertain. We hope to resolve this matter by the end of January.

Also, please note that there is no such person as Peggy Esterle. I communicated this information to Mr. Fischer's office on several occasions, but the listing has not changed.

Sincerely,

GROUND ENGINEERING AND TESTING SERVICE, INC.

  
Peggy Hagerly Adkinson, Chair  
Kentucky Geotechnical Engineering Group

PHR:lsk

1-11-94

# L.E. GREGG ASSOCIATES / GREGG LABORATORIES

1026 NEW CIRCLE ROAD N.E. LEXINGTON, KENTUCKY 40505-4117 606/252-7558 FAX 606/255-0940

July 11, 1994

Mr. Stuart Goodpaster, President  
Kentucky Section A.S.C.E.

Re: Kentucky Geotechnical Engineering Group Report  
Board of Direction Meeting  
Frankfort, Kentucky

On April 29, the Kentucky Geotechnical Engineering Group (KGEG) shared an afternoon of horse racing at Keeneland, with members of the Cincinnati Geotechnical Group. This was strictly a social event, sponsored by the Cincinnati group. The Cincinnati group had previously held their social events with the Dayton group. But, due to lack of interest by the Dayton group over the past few years, the Cincinnati group decided to invite our group. KGEG had approximately 8 members in attendance, and Cincinnati had 15.

On May 12, 1994, KGEG sponsored the first of our two annual distinguished speaker lectures for 1994. This lecture was held at the University of Louisville's, Virginia Speed Auditorium, Room 100. Our speaker was Dr. Fred Kulhawy of Cornell University. Dr. Kulhawy's lecture was on *Lateral and Moment Behavior of Drilled Shafts*. Dr. Kulhawy gave a brief history and development of laterally loaded drilled shaft theories, and finished with a brief explanation of his formulas he will present at the International Conference on Design & Construction of Deep Foundations, in Orlando, FL., on December, 1994. Approximately 30 engineers and students attended Dr. Kulhawy's lecture.

We are also planning for the 25th Ohio River Valley Soil Seminar (ORVSS), to be held at the Campbell House Inn, in Lexington, on Oct. 21. We anticipate approximately 225 to 250 participants for this year's seminar on *Recent Advances in Deep Foundations*. We have selected the ten speakers, and two key-note speakers for this year's event. Being the 25th anniversary, we are making an exerted effort to make this year's seminar special.

As of July 8, 66 engineer's and geologist's have paid their dues for 1994.

Our next KGEG meeting is planned for September, at the University of Kentucky.



Sample  
Gilliam Foundation  
Report

Sample  
Committee  
Report

## Discover"E" Committee Report

October 17, 1994

KSPE has formed a committee to develop Discover"E" across the state. The Chairperson of that committee is Dan Beyke of HNTB with Bonnie Schaefer (ASCE) serving as advisor and committee member. This committee will rely heavily upon the activities of ASCE and the Louisville Area Discover"E" for ideas and guidance.

Louisville Area Discover"E" will have it's first meeting on October 18, 1994. This committee will address three main topics:

Third Annual Rube Goldberg Contest  
Discover"E" classroom presentations  
Engineers' Day at the Mall

Nancy Woods (IIE) will head the Rube Goldberg Contest. Denise Bartholomew (ASCE, KSPE, SWE) and Victoria Coombs (KSPE) will be responsible for organizing and scheduling the classroom presentations.

Engineers' Day at the Mall will be held on February 19, 1995 at The Mall St. Matthews. The activity, to date, will include the following professional societies and organizations:

ASCE  
IIE  
SWE  
ASHRAE

AIChE  
SAME  
KAPS

KSPE  
IEEE  
ASME

ASPE (Plastics)  
C.O.E.  
U of L

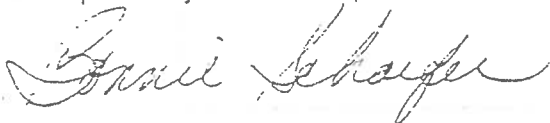
Additional organizations and corporate sponsors will be added as the project develops.

Groups will be encouraged to develop interactive booths and displays. We will again present a "Tools of the Trade" fashion show, the Future Transportation Engineers of America activity ("sand" box and toy trucks, etc.), finals of the Rube Goldberg Contest and finals of IIE's coloring contest.

Funding will be solicited from as many of the societies as possible. The Louisville Branch of ASCE has budgeted \$100.00 for Discover"E".

Discover"E" has a good foundation in the Louisville area. Teachers are calling to find out if we will be repeating our Rube Goldberg contest this year and the Boy Scouts rely on us to help secure speakers for high schools in the area. We need to focus on getting the program off the ground in the rest of the state. If anyone would like information on how to get started, I will be glad to help.

Respectfully submitted,



Bonnie L. Schaefer

DISCOVER"E"  
COMMITTEE REPORT  
April 19, 1993

From 1992 to 1993, Discover"E" more than tripled the number of schools and students contacted. In 1993 engineers from several professional societies addressed over 4500 students from nearly 50 schools in Louisville and the surrounding area. Parochial schools from the Louisville Archdiocese were included for the first time this year and comprised about half of the program participants.

Engineers, on behalf of Discover"E", spoke to students ranging from second graders to high school seniors who have already been accepted into collegiate engineering programs. In addition two Discover"E" engineers spoke to a Special Education class at Highland Middle School in Louisville.

The Discover"E" Committee thanks all of the engineers and their employers who volunteered their enthusiasm, expertise and time to make the 1993 program such a success. We also thank the school teachers for so graciously allowing us into their classrooms to promote the engineering profession.

*Bonnie Schayle*



NATIONAL HISTORIC ENGINEERING LANDMARK NOMINATION FORM

Date: 19 April 1993

To: Committee on the History and Heritage  
of American Civil Engineering, (CHHACE)  
American Society of Civil Engineer  
345 East 47th Street  
New York, NY 10017-2398

From:

Owensboro, KY  
(Name of ASCE Section)

This is to nominate the following for designation as a National Historic Civil Engineering  
Landmark:

(Name of Proposed Landmark) Kentucky Dam

Located at: Tennessee River Mile 22.4 County: Marshall & Livingston State: KY

(Please furnish below the latitude and longitude to the nearest minute or U.T.M.  
Coordinates)

Latitude - 37° . 00' 48" Longitude - 88° . 16' 06"

The project (building, site, facility, etc.) is owned by Tennessee Valley Authority,  
400 Commerce Avenue, SW., Knoxville, TN 37902-1499

In support of this nomination the following information is provided:

1. Date of Construction (or other significant date):

Construction started - July 1, 1938  
Closure - August 30, 1944

2. Name of Key professionals associated with project:

David E. Lilienthal, Chairman, TVA Board  
Gordon Clapp, General Manager  
(continued on attachment)

3. National civil engineering historic significance of this landmark:

(See attachment)

4. Comparable or similar projects:

Barkley Dam, U.S. Army Corps of Engineers; project located at  
mile 30.6 on the Cumberland River, tributary to the Ohio River

5. Unique features or characteristics which set this proposed landmark apart from other civil engineering projects, including those in 4 above:

(See attachment)

6. Contribution which this structure or project made toward the development of: (1) the civil engineering profession (2) the nation or a large region thereof:

(See attachment)

7. In further support of this nomination the following documentation is submitted: (please list all enclosed documents, publications, photographs, and supporting historical evidence)

(See attachment)

8. \*The following is the recommended citation for Board consideration:

Kentucky Dam is the cornerstone of the TVA system as a part of its mission for the unified development of the Tennessee River system to better serve the people of the region. Located on the Tennessee River in Marshall and Livingston Counties, Kentucky, the dam is the lowermost and largest of the multipurpose (flood control, power generation, and navigation) projects built to regulate destructive floodwaters in the Tennessee and Mississippi Rivers drainage basins. The completion of Kentucky Dam in 1944 was the most significant step in influencing flow from virtually the entire Tennessee River watershed to effectively reduce flood crests on the lower Ohio and Mississippi Rivers contributing to overall development of the region and nation.

9. The following is a summary of the owner's attitude concerning our nomination:

(To be submitted directly by TVA to ASCE)

If this nomination is approved for designation as a National Historic Civil Engineering Landmark by the Board of Direction of ASCE, we understand that the Section will have the major responsibility for the public presentation ceremony of the plaque.

\_\_\_\_\_  
Chairman, Section History  
& Heritage Committee

\_\_\_\_\_  
Section Secretary

\_\_\_\_\_  
Section President

NOTE: With enclosed additional documentation please also include 8"x10" black and white photos that depict the project and can be used for publicity purposes. Also requested are 35mm color slides which can be used for a slide presentation.

\* Note: citation list on page 24 et seq. for examples.

Note: Designation by ASCE as a National Historic Civil Engineering Landmark carries with it no legal commitment on the part of ASCE, the owner or the governmental jurisdiction in which it is located.

2. Name of key professionals associated with project (continued):

Harcourt A Morgan, Board Member

James P. Pope, Director

T. B. Parker, Chief Engineer until June 1943 (C. E. Blee after that date)

Prominent Civil Engineers: Sherman M. Woodward, Albert S. Fry, James S. Bowman, George R. Rich, Ross M. Riegel, R. A. Monroe, Harry Wiersema, B. B. Brier, George E. Tomlinson, Earle B. Butler, W. A. Chalkley, John C. Voorhees, George D. Whitmore, John F. Barksdale, Ned H. Sayford, Don Mattern, George Palo, Van Court Hare, R. L. Forshay, E. S. Weed, J. E. Goddard, C. W. Okey, W. S. Massa, E. J. Rutter, Reed A. Elliot, and B. C. Moneymaker. These professionals along with many others provided the vision and expertise for the planning, design, and construction of the Kentucky project. All disciplines worked together to bring a great and human idea to fruition.

A distinguished architect-engineer said, "TVA established a mode in heavy industrial design that constituted an important chapter in the history of man's effort to build beneficial engineering projects throughout the world."

We regret that space is not available to list the thousands of TVA employees who made a significant contribution to the construction of the Kentucky project--a great project which was dedicated by President Harry S. Truman on October 10, 1945. President Truman said, "The TVA does not belong to the people of the Tennessee Valley alone. It belongs to all the United States . . . I have never had occasion to regret my support of the TVA and of the idea it represents."

3. National civil engineering historic significance of this landmark:

As the most downstream and the largest of all TVA multiple purpose dams and reservoirs, the Kentucky project plays a key role in the achievement of congressional mandates under the TVA Act. Briefly, these are control of destructive floods, providing year round Tennessee River navigation, and generating electric power to avoid waste of water. The TVA system has prevented an estimated \$148 million damage in some 70 floods along the lower Ohio and Mississippi Rivers. Navigation benefits have accumulated to well over \$2 billion dollars. Over 52 million megawatt hours of electricity have been generated, with a wholesale value of more than \$1.2 billion.

Other benefits not specifically mandated by Congress include water releases during critically low flow periods and heavy water oriented recreation. Water-use recreation has increased from 1.3 million visits in 1947 to 16.3 million visits in 1987. The estimated net recreational benefit in 1987 was \$57 million dollars.

TVA expended over a million dollars in exploring for a suitable dam foundation site in the lower valley area. Vernon Lynn was the engineer in charge of geological work. The huge dam was the most carefully planned structure in the entire valley according to TVA statements at the time.

During the final stages of the preliminary site work TVA engineers designed and successfully installed the first application of ground freeze stabilization for an exploratory shaft. The test shaft was installed in order for engineers to perform a final study of the bedrock formation which the dam would be built upon. Two rings of refrigeration pipe were placed around the perimeter of the test shaft; extending from the ground surface a depth of approximately 90 feet to the bedrock.

Freezing the 20 foot diameter shaft walls was necessary to prevent the inflow of ground water and "quicksand" into the test shaft. The frozen cylinder forming the stabilization ring was approximately three feet thick.

This was the first experimental application of ground freeze stabilization for an open deep-shaft. Refrigeration plants were used previously at Grand Coulee and Bolder dam projects. Those ground freeze applications were along gravel hillsides to prevent landslides only. A brine solution was cooled by an ammonia plant, operated by a 200 horsepower electric motor and a 40-ton cooling unit.

5. Unique features or characteristics which set this proposed landmark apart from other civil engineering projects, including those in 4 above:

- In a landmark action, the congressional TVA Act of May 18, 1933, created an agency of government with broad jurisdiction quite like private industry. The area involved is the 40,910-square mile Tennessee River Valley. This includes parts of seven states (Alabama, Georgia, Kentucky, Mississippi, North Carolina, Tennessee, and Virginia). Over a 10-year construction period (1934-1944), a total of 5,785,000 acre feet of system flood detention capacity was built by TVA on the main river. The 4 million acre-feet in Kentucky Reservoir is a dominant portion. This and Kentucky Dam's location (only 22.4 miles upstream from the Tennessee River's mouth) accounts for its strategic importance.
- In flood reduction along the lower Ohio and Mississippi Rivers, Kentucky Reservoir levels out the peaks and valleys of floodwater detention in the many upstream Tennessee Valley reservoirs. The Kentucky Dam spillway may then pass all of a rising flood to conserve capacity for most effective use in reducing a flood crest. Tennessee River outflow has been reduced to zero during some significant floods. Floods in March-April 1968 and April 1972 are examples. Kentucky flood operations are coordinated with operation of Barkley Dam by agreement with the U.S. Army Corps of Engineers to most effectively reduce flood levels on the lower Ohio and Mississippi Rivers.
- In navigation, Kentucky lock is the gateway between the commercial ports of the Tennessee Valley, primarily along 600 miles of the main Tennessee River, the inland Mississippi waterway, and the Gulf of Mexico. The canal between Kentucky and Barkley Reservoirs is a shortcut between Cumberland and Tennessee Valley ports. This canal is also a Cumberland Valley shortcut to the Mississippi River and the Gulf of Mexico.
- Kentucky Dam is a massive concrete and earth structure, 8,400 feet long and 206 feet high above bed rock. A unique feature of the design of this project was the evaluation of the earthquake hazard. The damsite is only 75 miles from the epicenter of one of the world's greatest known earthquakes and an even shorter distance from the seismically active areas which include western Kentucky, western Tennessee, northeastern Arkansas, southeastern Missouri, southern Illinois, and southern Indiana. An evaluation of the earthquake hazard in this area was considered to be essential. This problem was approached along several lines of investigation which included (1) a study of the earthquake history of the entire region within 300 miles of the damsite, an area of more than 280,000 square miles; (2) the location of the epicenter of all known earthquakes within the region; (3) a study of the distribution of all known faults within 30 to 40 miles of the damsite; and (4) a detailed geologic study of the foundation rock. At the completion of these studies, it was concluded that the earthquake hazard at

Kentucky Dam was less likely to result from local disturbance than from earthquakes of maximum intensity in the New Madrid area. Although at the time of design there had been no earthquake in the area since 1812, the recurrence of high intensity earthquake which might attain destructive intensities at Kentucky Dam was determined to be entirely probable.

Recognizing this potential danger of earthquake damage, geologists recommended realistic consideration of seismic loads in the design of the structure. Under the direction of George R. Rick and Ross M. Riegel, a comprehensive study was made in 1939 by Messrs. J. Paul Hornby and J. C. Voorhees of the Tennessee Valley Authority staff in which the data and theories of many investigators were assembled. In addition, Professor L. S. Jacobson of Stanford University made a series of shaking-table experiments to afford additional information on the behavior of earth pressure on retaining walls under earthquake effects. The efforts undertaken to protect the Kentucky project against earthquake loads represented the most advanced design considerations at the time.

-Additionally, the Kentucky Dam project incorporated three major transportation modes into the final function of the project. The project design included barge traffic by providing a nine-foot deep draft year round. The navigational lock designed for the dam was the largest single lift navigational lock on any inland river in the country at the time of construction.

The second transportation mode included in the project design was for highway traffic. U. S. Highway 62 was routed across the dam as an important transportation link through Western Kentucky.

Thirdly, rail transportation was incorporated into the dam design and implementation. The railroad section was constructed on top of the dam structure, across the spillway system, immediately adjacent to and on the downstream side of the highway section. All three transportation systems are still in operation today.

-Aerial photography was initiated for the design phase in early 1936. The aerial work involved three airplanes stationed at the Paducah Municipal Airport for at least four months as well as planes based out of Evansville, Indiana and Nashville, Tennessee. The flight patterns were developed covering over 10,000 square miles within the Ohio, Tennessee and Cumberland River basins. The flight area extended from Madisonville, Kentucky to Cairo, Illinois.

-Possibly the most unique feature of the project and the strongest testimony of the national significance of the project was the time frame within which the project was actually constructed. The project was conceived, planned, designed and initiated prior to the involvement of the United States armed forces in World War II. Obviously, the project was of such character and national importance that precious manpower, heavy equipment and fuel as well as congressional funding and federal resources were supplied continuously throughout the war years. The chronology of both major events is outlined below:

May 18, 1933 - Congressional TVA Act approved

May 29, 1937 - President Franklin D. Roosevelt signs bill to start preliminary surveys for Gilbertsville dam site.

March 5, 1938 - Property acquisition for Kentucky Dam initiated

July 1, 1938 - Kentucky Dam construction work begins



lower Ohio and Mississippi Rivers.

Located close to the cities of Paducah and Cairo where flood damage potential is great and to the "fuse plug" levee just below Cairo, which provides the entrance to the Bird's Point-New Madrid floodway, Kentucky Dam is operated (1) to release or store floodwaters at the most opportune times to control flood stages at these critical locations, (2) to safeguard the Mississippi levee system which protects 6,000,000 acres, (3) to reduce the frequency with which the Bird's Point-New Madrid floodway containing 130,000 arable acres must be flooded and (4) to reduce the frequency of flooding on 4,000,000 acres of land not protected by the levee systems. The estimated reduction by the Tennessee River system, approximately 200,000 cubic feet per second, is equal to the estimated reduction by the entire 74-reservoir system in the Ohio River basin above the mouth of the Tennessee River. Since closure of Kentucky Dam in August 1944, discharges have been regulated on several occasions to reduce the flood crests by up to 3 feet on the lower Ohio and Mississippi Rivers. Thus, the Kentucky project is a cornerstone for flood control, improved navigation, and the production of hydroelectric power as a major part of a unified plan for resource development in the Tennessee Valley region and along the lower Ohio and Mississippi Rivers.

7. In further support of this nomination the following documentation is submitted: (please list all enclosed documents, publications, photographs, and supporting historical evidence)

(Photos follow)