

THE KENTUCKY DEPARTMENT OF HIGHWAY'S  
SCHOLARSHIP PROGRAM

by

D. V. Terrell, Dean Emeritus  
College of Engineering, University of Kentucky  
and  
Consultant, Kentucky Department of Highways

June, 1962

The Kentucky Department of Highways was organized in 1912, at that time the field of highway engineering was new, little was actually known about the scientific process of building roads, there were no highway engineers as such. The civil engineer because of his experience in the construction of railroads and public works was to become the highway engineer in the future. As road building began to be an important factor, most schools added courses in highway construction to the already over-crowded field of civil engineering, and highway engineering today is considered one of the major branches of the broad field of civil engineering. The general practice is to give the Bachelor of Science degree in Civil Engineering for four years of college study; and, by additional study, one may major in highway engineering and receive the Master of Science in Civil Engineering (highway major).

As the Kentucky Department of Highways grew, there was a continual demand for engineering services; however, the tendency of graduating civil engineers was to seek employment in fields other than highway engineering. In June, 1948, the State Highway Engineer (Mr. Dwight H. Bray) called a conference in his office at Frankfort to study ways and means of attracting

the young graduating civil engineers into the field of highway engineering. He invited the Commissioner of Highways, Mr. Garrett Withers; the Secretary of the Highway Contractors Association, Mr. W. O. Snyder; and some of the heads of the various divisions of the Highway Department; also the writer, who was Dean of Engineering at the University of Kentucky and his Assistant, Robert E. Shaver, who was head of the Civil Engineering Department at U.K. At this session, it was proposed to set up two scholarships from each of the then nine highway districts -- the 18 to be sponsored by the Department of Highways -- and to request aid from the individual highway contractors for scholarships in the name of the contractor or organization. Within a week, Mr. Withers had obtained the support of Governor Earl C. Clements and an opinion from the Attorney General Carl D. Perkins, now Congressman from Kentucky District 7, to the effect that the support of the scholarships by the Department of Highways was legal in all respects. In the meantime, Mr. Snyder had contacted some of the highway contractors and had assurance of some support. The selection of those to receive the scholarships was made by the University of Kentucky Scholarship Committee; there was no favoritism nor politics in the selection, then and there has been none in the selection of any of the 15 classes coming into the program.

To date and including the 1962 class which is presently working in the field and which will be at the University in September, 1962, 357 have entered the program. One hundred & twelve have graduated in civil engineering, four are deceased, 95 are expected to be in school in September, 1962, and 146 dropped out of school; however, 43 of the dropouts are, at present, serving the Highway Department, and five have received other degrees in engineering -- one of the five is serving the Department in the electrical engineering field.

In the following pages, each entering class -- 15 in all -- are listed. The tabulation shows the present status of each entering student -- that is, insofar as is known by University and Highway Officials.

Class Entering September, 1948

Name	Drop Out	B.S. in C.E.	M.S. in C.E.	End SHD Emp.	After Grad. SHD Service Yrs.-Mos.	Present Employment
1. Arnold, William S.	11-48					Unknown
2. Bennett, Wallace T.Jr.		6-53	6-54	1-59	3 - 5	Carl P. Kroboth
3. Brown, Will R.	2-51					Unknown
4. Caldwell, Gerald G.	6-51					Unknown
5. Conyer, Jerry D.	6-51					Unknown
6. Florence, Carrol L.		1-54				SHD - 32-2
7. Harris, Freeland J.	6-49	2-58	5-60	1-60	1 - 0	Liggett & Irvan
8. Humphreys, J. E., Jr.		1-53	6-54	2-57	5 - 0	Carl P. Kroboth
9. Jackson, Theo. C.	4-49					Unknown
10. Layson, Cyrus		1-54				SHD-32-1(Mil. Lv.)
11. Morrison, Robt. E.		8-53		8-53	0 - 0	J. S. Watkins
12. Mullins, Billie D.		1-56				SHD - 28-2
13. Prather, Paul L.	8-49					Unknown
14. Simmons, Ed. B.		8-57		8-58	0 - 6	Div. of Br. Texas
15. Van Meter, Jack C.		1-56				SHD - 32-1
16. Watt, Harold L.	2-48			7-61	6 - 8	Codell Cons. Co.
17. Wilson, Harold C.	3-49					Unknown
18. Yelton, Phillip A.		6-54		2-61	6 - 8	Amer. Merietta Co.

- 1. Arnold, Ret. 9-50, drop out 8-55
- 4. Caldwell, Ret. N. Center 2-55, drop out 2-58
- 6. Florence, 9 mo. in grad. school
- 7. Harris, Ret. 9-56, grad. 2-58
- 10. Layson, 9 mo. in grad. school.
- 14. Simmons, 9 mo. in grad. school.

List of Abbreviations used on this and following pages:

SHD = State Highway Department,  
 Service = Service rendered SHD after B.S. in C.E. degree,  
 Numbers like 32-2, 28-2 = grade of employee with SHD

Class Entering September, 1949

Name	Drop Out	B.S. in C.E.	M.S. in C.E.	End SHD Emp.	After Grad. SHD Service Yrs.-Mos.	Present Employment
1. Alderdice, Glen E.		1-54	8-57	12-56	2 - 11	Amer. Bitl. Asp. Co.
2. Bowman, Carl B.	1-51					Unknown
3. Borders, Merwyn	2-50					Unknown
4. Burke, Boles, Jr.		1-54		1-54	0 - 0	Tenn. Coal & Iron
5. Burton, Morris E.	9-50					Trans. Commerce
6. Campbell, Chas. H.		1-55		5-61	6 - 4	P. Krewit Sons Co.
7. Cole, Chas. H.		1-54	5-58	5-58	3 - 0	U.S.B.P.R.
8. Deem, Vernon W.		6-54		6-54	0 - 0	Amer. Bitl. Asp. Co.
9. Fluhr, Wallace E.		6-54		10-54	0 - 4	U.S.A.F.
10. House, Chas. R.		8-53				SHD - 32-2
11. Hutzler, T. H.		6-54		6-54	0 - 0	Catepillar Trac. Co.
12. Jennings, Donald E.	10-51					Unknown
13. Linville, A. K.		1-54		1-54	0 - 8	J. S. Watkins
14. McHugh, Tho. B.		6-54		2-55	0 - 8	Unknown
15. McPhail, Robt. B.	3-50					Unknown
16. McMurty, M. A.	8-50					Unknown
17. Parsons, Donald L.	2-50					Unknown
18. Patrick, Paul		1-55		7-55	0 - 6	Carl P. Kroboth
19. Peveler, Oscar P.	5-51					Unknown
20. Richardson, J. T.	1-51					Unknown
21. Scott, Tho. A.		2-56				SHD - 32-1
22. Stock, James D.	1-51					Unknown
23. Sword, Barney, Jr.		1-55		5-57	2 - 4	Preston & Assoc.
24. Lockard, James T.		6-54		6-54	0 - 0	Ruby Const. Co.
25. Smock, Napoleon		1-56		1-56	0 - 0	Standard Oil

2. Bowman, Ret. N. Center 9-54 dropped out 6-58  
 16. McMurty, Ret. 9-54, dropped out 2-55  
 22. Stock, J.D., Ret. 2-55, grad. E.E.

Class Entering September, 1950

Name	Drop Out	B.S. in C.E.	M.S. in C.E.	End SHD Emp	After Grad. SHD Service Yrs.-Mos.	Present Employment
1. Barnard, James E.	6-51					Unknown
2. Beam, Eugene D.		6-54		6-54	0 - 0	Hazelet & Erdal
3. Bratton, Wm. E.	9-51					Unknown
4. Dutton, Jack A.		6-54		6-54	0 - 0	Phillips <sup>l</sup> Petrol.
5. Farnsley, Robt. R.		1-55			0 - 0	Deceased
6. Flener, Bobby R.	1-52	8-61				SHD - 28-2
7. Florence, Robert H.	11-51					Unknown
8. Hickerson, Wm. L.		6-54		6-54	0 - 0	Chain Belt Co.
9. Klein, Wm. I.		6-54		6-54	0 - 0	Unknown
10. List, Kenneth H.	6-52					Unknown
11. McDonald, Billy D.	6-51					Unknown
12. Moore, Darrel W.	6-53					Unknown
13. Musick, Victor H.	2-53					Unknown
14. O'Nan, Earl G.		8-55		8-55	0 - 0	C. J. Fuller
15. Pope, Alva O., Jr.		2-56		2-60		Calf. Hwy. Dept.
16. Pugh, Roy T.	2-52					Trans. to Commerce
17. Rice, Robt. L.	1-51					Unknown
18. Simons, Joe A.	11-53					Unknown
19. Walker, John W.		1-55				SHD - 28-3
20. Webster, Billie H.	1-51					Unknown
21. Worthington, L. P.	4-52					Trans. to Purdue

- 6. Flener, Ret. 9-57
- 11. McDonald, Ret., grad. in M.E.
- 12. Moore, ret., grad. in E.E.
- 15. Pope, 1 yr. 8 mo. in grad. school

Class Entering in September, 1951

Name	Drop Out	B.S. in C.E.	M.S. in C.E.	End SHD Emp.	After Grad SHD Service Yrs.-Mos.	Present Employment
1. Alexander, Harry W. Jr.		8-56		4-61	4 - 8	Unknown
2. Bennett, Henry R.		1-56		1-56	0 - 0	Bell Telephone
3. Boyle, J. R.		5-55		5-55	0 - 0	Standard Oil
4. Coker, Chas. L.	6-52					Unknown
5. Fisher, John D.	9-52					Unknown
6. Galloway, J. F.	11-51					Unknown
7. Hughes, Ronald D.		5-55	5-57			SHD - 28-4
8. Hughes, Terry W.	1-54					Unknown
9. Humphreys, T. A.		5-55		5-55	0 - 0	Standard Oil
10. Jefferson, Rolla R.		8-55	5-57	5-57	1 - 0	Bowaters Engr. Co.
11. Justice, John C.	9-53					Presbyterian minister
12. Kammer, W. L.		5-55		5-55	0 - 0	N. Amer. Aviation
13. McQuire, Carl B.		8-55		8-55	0 - 0	Lockheed Aircraft
14. McHargue, Franklin R.		8-58				SHD - 28-2
15. Meiners, John A.		8-58		5-59	0 - 9	Unknown
16. Moses, Ray E.		8-56		10-58	2 - 2	Coast & Geod. Survey
17. Perry, Gary	3-53					SHD - 28-2
18. Yocum, Forest J.		5-56		5-56	0 - 0	Unknown

5. Fisher, Ret. to EE, 6-53, dropped out & went to A & S.

8. Hughes, Ret. 9-60, dropped 6-61.

Class Entering in September, 1952

Name	Drop Out	B.S. in C.E.	M.S. in C.E.	End SHD Emp.	After Grad. SHD Service Yrs.-Mos.	Present Employment
1. Back, Tho. E.	11-52					Unknown
2. Bell, John C.	5-56					Unknown
3. Bolinger, J. F.	11-52					Unknown
4. Colley, Amon L.		5-59		7-59	0 - 2	Boat Dock, Fla.
5. Coomes, Nathan W.		1-57				SHD - 28-1
6. Crutcher, James		8-56		8-56	0 - 0	Unknown
7. Gray, Don R.	2-54					Unknown
8. Green, Theo. Jr.		5-58		5-58	0 - 0	H.K.Bell Engrs.
9. Mills, Ralph J.	2-55					in school, UK
10. O'Neil, Ralph J.	5-55					Unknown
11. Raine, L. R.	2-53					Trans. A & S
12. Roberts, John C.		5-60		9-59	0 - 0	Atlas Chemical
13. Roper, Jon R.	2-53					Unknown
14. Schroer, G.H. Jr.	9-53					Unknown
15. Thomas, Wm. R.		1-57		9-57	0 - 8	US Forest Service
16. Threlkeld, O.R.		1-57		1-57	0 - 0	B & O Railroad
17. Ward, Robt. E.	9-53					Unknown
18. White, J.E.	5-53					Unknown
19. Durrett, J.S.		5-56		9-54	0 - 0	Benard & Burk
20. Luebber, Wm. L.		1-57		1-57	0 - 0	City of Cinn.

7. Gray, Ret. 2-59, dropped again 2-60  
 9. Mills, Ret. 2-60  
 18. White, Ret. 9-56, dropped again 2-59.



Class Entering in September, 1953

Name	Drop Out	B.S. in C.E.	M.S. in C.E.	End SHD Emp.	After Grad. SHD Service Yrs.-Mos.	Present Employment
1. Asbury, Geo. W. Jr.		5-58				SHD 28-2
2. Back, Roy E., Jr.		5-59				SHD 25-4
3. Beattie, Milton C.		5-57		12-59	2 - 7	TVA
4. Bennett, Leonard L.	5-54					AEC
5. Cress, Donald R.		5-58	8-60			SHD - Mil. Lv.
6. Deatricks, Warren J.		5-57		10-61	4 - 5	Lehigh Port. Cem.
7. Derringer, Gene F.	9-53					IBM - Lexington
8. Florence, Robt. L.		1-58	8-59			SHD - 28-2
9. Giles, Clifford R.	2-54					Unknown
10. Hannon, Geo. L.		8-57		6-61	3 - 4	Unknown
11. Longsworth, N. B.	2-56					Unknown
12. May, Aubrey D.		1-58	5-60	11-60	1 - 0	John Stokley
13. McDaniels, K. W.	2-56					Unknown
14. Meyers, Lloyd P.		8-61		6-61	0 - 0	Bureau of Recl.
15. Moseley, Louis B.		8-58		10-60	2 - 10	Unknown
16. Nixon, J. M., Jr.		1-58		3-60	2 - 2	Ga. Marble Co.
17. Perry, Hal G.		5-57		11-59	2 - 3	C. J. Fuller
18. Wallace, Furman F.		8-57				SHD - Mil. Lv.
19. Roberts, Matt A, III	6-55					Mil. Acad.
20. Williams, Jack		5-57		8-58	1 - 3	Michael Baker, Jr.
21. Willis, Chas. L.		8-58				SHD - Mil. Lv.
22. Wolf, Ralph G.		8-58				SHD - 28-2

4. Bennett, returned and graduated ME 8-57  
 10. Hannon, 1 yr. in grad. school.

Class Entering in September, 1954

Name	Drop Out	B.S. in C.E.	M.S. in C.E.	End SHD Emp.	After Grad. SHD Service Yrs.-Mos.	Present Employment
1. Beals, Ralph	9-56					Unknown
2. Black, Chas. E.		5-60		5-60	0 - 0	Alaskan Highways
3. Cyrus, Gerald D.		8-58				Deceased
4. Day, Chas. E.	12-55					Unknown
5. Deacon, John A.		5-58	5-60			SHD - Ed. Lv.
6. Gorman, Robt. L.		5-58		5-58	0 - 0	Preston & Assoc.
7. Hamilton, Frank R.		5-58		6-59	0 - 8	Nalley & Gibson
8. Herd, Carl	2-57					SHD - 22-3
9. Hobson, James E.	6-56					Unknown
10. Honaker, Harry R.		1-59		7-60	1 - 6	USAF
11. Kelley, John T.		8-59		6-61	1 - 10	Grad. School
12. Legate, Davis R.	6-55					Unknown
13. McClure, John E.	2-58					SHD - 22-2
14. Schirmer, Homer A.		2-59		4-59	0 - 2	US Army
15. Tibbals, W. M.	2-55					Unknown
16. Tooley, Robt. L.	2-56					SHD - 22-1
17. Wilkins, Richard T.	2-58					Unknown
18. Young, William T.		5-58		9-60	1 - 8	Harvard Bus. Sc.

7. Hamilton, 4 mos. in grad. school.

16. Tooley, In and out of school several times, last drop out 8-61.

18. Young, 4 mos. in grad. school.

Class Entering in September, 1955

Name	Drop Out	B.S. in C.E.	M.S. in C.E.	End SHD Emp.	After Grad. SHD Service Yrs. - Mos.	Present Employment
1. Boleyn, Phillip	2-59					Cons. Firm-Lex.
2. Bridwell, John C.		6-59	6-62			SHD - 28-1
3. Carmack, Stanley R.	2-58					WKLO Radio-Lou.
4. Eddleman, John T.		6-59				SHD - 25-4
5. Evans, Harrison Jr.	4-57					SHD - 22-2
6. Evans, Robt. D.		5-60				SHD - 25-3
7. Hale, Sheldon L.	6-57					Military
8. Hancock, Hunter M.		8-61				SHD - 25-3
9. Hardin, Leonard S.		6-59	60(U.Wash.)			SHD - 25-4
10. Harrison, Robt. J.	6-56					Unknown
11. Hicks, Harold R.		5-60		10-61	1 - 5	Fleck, Quebe & Ried
12. Kenady, Kerry M.	6-56					High School Teacher
13. Lambert, Wm. D.		6-60				SHD - Ed. Leave
14. Mayfield, John H.	6-57					Eng. Major - UK
15. Osborne, Burl	11-55					UK
16. Quick, Patricia A.	9-56					Unknown
17. Smiley, A. J.	2-56					Unknown
18. Ward, Hugh A.	6-56					In school 18-4

12. Kenady, Grad. Western State College  
 18. Ward, Hugh A. returned 2-60

Class Entering in September, 1956

Name	Drop Out	B.S. in C.E.	M.S. in C.E.	End SHD Emp.	After Grad. SHD Service Yrs.-Mo.	Present Employment
1. Arthur, Chester A.	6-58					Unknown
2. Brandenburg, Kenneth	6-57					Unknown
3. Caldwell, Joseph B.	8-58					Deceased
4. Elliott, D. M.	6-58					SHD - 22-2
5. Epley, Larry E.		2-61				Grad. Sch. 24-3
6. Haydon, Thomas S. Jr.	6-58					SHD - 22-1
7. Henderson, Ronald L.		5-60		5-60	0 - 0	UL Dental Sch.
8. Jump, Harry S.	6-58					shd - 18-1
9. Lynam, Donnie R.		2-61				Grad. Sch. 24-3
10. Martion, Kenneth R.	6-58					SHD - 22-1
11. Parker, Frank G.	2-57					Unknown
12. Proffeitt, W. G.		5-60				Grad. Sch. 25-4
13. Schimpeler, Chas. G.		5-60	6-62			SHD 25-3
14. Schuette, Fred Jr.		5-60		6-62	1 - 6	Unknown
15. Scott, John W.		2-61				Grad. Sch. 24-2
16. Sullivan, John W.		2-62				SHD - 24-2
17. Westrick, Louis A.		6-62				SHD - 25-2

4. Elliott, returned 9-60, dropped 6-62

14. Schuette, in grad. sch. 2 yrs.

18. Walker, M. C. , dropped 11-56 to enter US Navy.

Class Entering in September, 1957

Name	Drop Out	B.S. in C.E.	M.S. in C.E.	End SHD Emp.	After Grad. SHD Service Yrs.-Mos.	Present Employment
1. Cobb, Aaron	6-58					x
2. Blankenship, H.J.	2-58			2-58	0 - 0	x
3. Cowherd, D. C.	S	6-61				g.s. Ed.Lv.
4. Estes, Harry R.		6-62				SHD 25-4
5. Flora, T. E.		8-61				g.s. Ed.Lv.
6. Furlong, Wm. C.						i.s.
7. Gorman, Lance		6-61				SHD 21-2
8. Gott, Wm. E.	S	6-61				SHD 20-1 M.Lv.
9. Herron, Geo.	2-61			2-61	0 - 0	x
10. Heilbron, T. H.	S	6-61				SHD 25-2
11. Hickerson, J. R.	2-59					SHD 16-1
12. Jasper, Danny	S	6-61				SHD 25-2
13. Kay, Tom	2-58			2-58		x
14. Layman, T. R.	2-59					i.s.
15. Lorenz, Donald A.		1-62				g.s. Ed.Lv.
16. Moore, Chas. F.	10-59			2-60		x
17. Rothfuss, F. L.	S	6-62				SHD 24-2
18. Ramey, Carroll R.	6-58					SHD 18-1
19. Roberson, Paul R.		6-62				SHD 25-2
20. Shepherd, Dan	S	2-62				SHD 24-2
21. Smith, Harry L.	2-58			2-58		x
22. Smith, O. R.	10-59			5-60		x
23. Stayton, Lowell	2-58			2-58		x
24. Sweeney, Dan D		6-62				g.s. Ed.Lv.
25. Wharton, John						i.s.
26. Wicker, Orville	2-58			4-60		x

14. Layman, ret. 2-62

Note:

- i.s. = in school
- g.s. = graduate school
- x = unknown
- S = sophomore scholarship
- SHD = State Highway Department

Class Entering in September, 1958

Name	Drop Out	B.S. in C.E.	M.S. in C.E.	End SHD Emp.	After Grad. SHD Service Yrs.-Mos.	Present Employment
1. Adams, Dell H.	2-61					i.s.
2. Annis, Phil C.	S	6-62				SHD 24-2
3. Augustus, P.M.	S	6-62				SHD 24-2
4. Bennett, H. M.	S					i.s.
5. Bradley, Edgal	10-58			3-60		x
6. Bramell, L. E.	2-60			2-60		x
7. Burgess, C. M.	2-60			2-60		x
8. Casebolt, J. R.	10-58			10-58		x
9. Coe, Lynn W.	S	6-62 (EE)			0 - 0	x
10. Conkwright, W. G., Jr.	2-60			2-60		x
11. Compton, Ottis, Jr.	6-59			12-59		x
12. Eiden, Wm. D., Jr.	2-59			2-60		x
13. Fossitt, Jack V.	6-59			1-60		x
14. Fullenwider, J. W.		6-62				SHD 25-1
15. Green, Chas. R.	2-59			2-59		x
16. Johnson, Joe C.	S					i.s.
17. Ledford, E. E.	9-60					i.s.
18. Maynard, Gary A.	6-59					SHD 10-3
19. McMichael, John L.	9-61					i.s.
20. Melton, Louis N.						i.s.
21. Palmer, Ralph J.						i.s.
22. Sanders, Roger M.	S	6-62				SHD 25-1
23. Simmons, Bobby W.						i.s.
24. Smith, Marion A.	6-61			9-60		x
25. Turner, John T.	2-59 S			2-61		x
26. Turpin, Morris J.	2-62					SHD 22-2
27. Vaughn, Robt. W.						i.s.
28. Walton, Stanley L.	2-59			2-59		x
29. Winchester, J. D.	6-59			2-60		x

- 1. Adams, Ret. 9-61
- 17. Ledford, Ret. 2-61
- 19. McMichael, Ret. 2-62
- 25. Turner, Ret. 2-60, dropped 2nd time 2-61

Class Entering in September, 1959

Name	Drop Out	B.S. in C.E.	M.S. in C.E.	End SHD Emp.	After Grad. SHD Service Yrs.-mos.	Present Employment
1. Baker, Jack M.	10-59			10-59	x	
2. Baldwin, Clyde P.	2-62 S				SHD	22-1
3. Blair, Roger	S				i.s.	
4. Bailey, C. K.	6-60			9-60	x	
5. Carpenter, Robt. M.	S				i.s.	
6. Cress, Wm. M.	6-62				SHD	22-1
7. Cornett, Jack H.	2-61			2-61	x	
8. Curtis, Harvey T.	10-59			10-59	x	
9. Coons, Richard F.	S				i.s.	
10. Edwards, David E.	2-61 S				SHD	14-1
11. Felty, James E.	2-60			5-60	x	
12. Goin, John E.					i.s.	
13. Hines, J. W.	2-60			5-60	x	
14. Hines, J. L.	2-60			8-61	x	
15. Hunsaker, Joe H.	2-60			3-60	x	
16. Hopkins, Tommy C.	S				i.s.	
17. Karlan, Oscar C.					i.s.	
18. MacDonald, Edgar M.	6-60				SHD	18-1
19. Marsh, John S.	S				i.s.	
20. Newman, Robert H.	2-60			11-60	x	
21. Oder, Wm. S.	S				i.s.	
22. Owens, Gene P.	6-60			1-61	x	
23. Russell, Chas. P.	S				i.s.	
24. Smith, Chas. R.	9-62				SHD	14-1
25. Saylor, Max C.	6-60			2-61	x	
26. Stone, James D.	S				i.s.	
27. Wyatt, Geo. M.	2-61			2-61	x	
28. Wicker, Freddy	6-61 S				SHD	18-2
29. Wolf, James A.	6-60				SHD	14-2

Class Entering in September, 1960

Name	Drop Out	B.S. in C.E.	M.S. in C.E.	End SHD Emp.	After Grad. SHD Service Yrs.-Mos.	Present Employment
1. Anderson, M. S.	S					i.s.
2. Atkinson, Stephen	2-62			2-62		Arts & Sciences
3. Bale, Curtis D.	2-62					SHD 14-1
4. Brown, Frederick	4-62					SHD 8-8
5. Bond, James H.	S					i.s.
6. Berry, Wm. F.						i.s.
7. Bondurant, D. M.						i.s.
8. Beach, Buddy A						i.s.
9. Cox, James W.	S					i.s.
10. Campbell, Wade G.	6-61					SHD 10-1
11. Cornett, Wm. C.	S					i.s.
12. Dodson, C. D.	6-62 S					SHD 14-2
13. Floore, D.T.						i.s.
14. Gantley, J. M.	2-61			9-61		x
15. Green, R. C.	6-61					SHD 6-1
16. Greer, Larry D.	6-61					SHD 14-2
17. Gooding, J. B.	2-61			2-61		x
18. Lamb, J. C.	2-61			2-62		x
19. McGraw, W. W.	S					i.s.
20. Mathis, James L.	S					i.s.
21. Manire, Heber J.	6-61					SHD 14-4
22. Morgan, R. P.	6-61					SHD 14-3
23. Murphy, N. R.	2-61					SHD 8-1 ML
24. Philpot, J. R.	6-61					SHD 14-1
25. Phillips, J.C. III	S					i.s.
26. Rachford, T. M.	S					i.s.
27. Reddington, Dennis	6-62			9-61		x
28. Steele, P. A.	6-61			9-61		x
29. Slone, Gary R.	6-61					SHD 14-1
30. Terry, Reese S.	S					i.s.



Class Entering in September, 1961

Name	Drop Out	B.S. in C.E.	M.S. in C.E.	End SHD Emp.	After Grad. SHD Service Yrs.-Mos.	Present Employment
1. Baldwin, R. L.	S					i.s.
2. Bargo, V.						i.s.
3. Berger, J.C.						i.s.
4. Briggs, C. H.	S					i.s.
5. Buchholz, G. R.						i.s.
6. Clark, J. D.	S					i.s.
7. Coomer, B. D.	S					i.s.
8. Daulton, T. A.	2-62			2-62		x
9. Dixon, C. D.	S					i.s.
10. Dotson, R. W.	2-62					SHD 10-1
11. Glasscock, H. A.	2-62			2-62		x
12. Gray, J. L.						i.s.
13. Hines, R. K.						i.s.
14. Hodges, W.H., Jr.	S					i.s.
15. Hoffman, J. C.						i.s.
16. Horsley, E. E.						i.s.
17. Kennedy, K. H.						i.s.
18. Lile, S. E.	S					i.s.
19. Little, C. E.						i.s.
20. McCall, David	S					i.s.
21. Newman, O. G.						i.s.
22. Ratcliff, T. D.						i.s.
23. Rose, J. G.						i.s.
24. Smith, R. E.						i.s.
25. Stephens, D. M.	S					i.s.
26. Treadway, Chas.	12-61			12-61		x
27. Upshaw, W. S.	S					i.s.
28. Weisbrodt, R. J.	2-62			2-62		x
29. West, J. A.	2-62			2-62		x
30. Sears, E. C.	10-61			10-61		x

Added Sophomore Scholarships, June, 1962:

1. Burchett, James L.	S					i.s.
2. Howard, Malcolm F.	S					i.s.
3. Moffet, B. R.	S					i.s.
4. Peyton, Earl D.	S					i.s.
5. Stockton, John T.	S					i.s.

Class Entering in September, 1962

Name	Drop Out	B.S. in C.E.	M.S. in C.E.	End SHD Emp.	After Grad. SHD Service Yrs.-Mos.	Present Employment
1. Davis, Wm. T.						
2. DeLacey, Roger A.						
3. Dowell, Chas. O.						
4. Eddleman, C. P.						
5. Edelen, Billy Ray						
6. Ewalt, Terry G.						
7. Fouts, Gene P.						
8. Gahr, Wm. F.						
9. Gaynor, Larry S.						
10. Guill, Roy D.						
11. Hardway, Ronald K.						
12. Hamilton Forrester W.						
13. Hatfield, Lucas, Jr.						
14. Hays, Chas. T.						
15. Lewis, James C.						
16. McCourt, Lowell A.						
17. Martin, Gary D.						
18. Miles, Alan P.						
19. Miller, Bruce R.						
20. Pitt, Wm. S.						
21. Pope, Albert G.						
22. Reynolds, James D.						
23. Sizemore, Earl W.						
24. Sims, Owen W.						
25. Slucher, Richard E.						
26. Taylor, Marvin E.						
27. Vance, Alvin D.						
28. Waddell, Samuel L.						
29. Wells, Millard W.						
30. Wellaman, Dennis L.						

## ADDITIONAL STATISTICS

### Freshman Scholarship Program

At the start of the program, the Department of Highways expected those graduating to serve the Department for a reasonable time; however, no obligation was required. With the class entering in September, 1952, all were required to sign an obligation to serve the Department at least one year after graduation. The student's parent or guardian was also asked to be a co-signer.

Table No. 1 shows, in a statistical form, a measure of the service rendered the Department by those entering the program. It is noted that during the first four years, those entering in 1948 through September, 1951, there was no written obligation. This table covers the first ten years of the program. The last five years, which includes those entering September, 1957, through those who will enter in September, 1962, are tabulated in Table No. 2.

Table 1

Classes Entering During:	First 4 Yrs. 1948 - 1951	Next 6 Yrs. 1952 - 1957	10-Yr. Total
Entering the Program	82	122	204
Grad. BS in CE	46	62	108
Grad. other degrees	3	1	4
Grad. Sch. MS in CE	7	6	13
Deceased Grads.	1	1	2
Employees SHD	10	34	44
Serving SHD (less than 1 yr.)	8	2	10
After Grad. (1 yr. or more)	11	13	24
After Grad. not serving SHD	18	10	28
In school	0	5	5
Deceased Non Grads.	0	2	2
Drop outs serving SHD	1	23	24*
Drop outs not serving SHD	35	32	67

\* Includes only those known to be presently employed by the Department. We estimate that 75% of all drop outs have served the SHD after separation from the education program for a few months to 8 years.

Note from the table, 53% of those entering have received the BS in CE degree, and 2% received other engineering degrees. This is well above the average percent of other students who graduate. Also, based on the living CE grads. who entered the program during the first four years and before the obligation was required, 22% are presently working for SHD and 24% worked for SHD one year or more after graduation. In contrast, of those grads who entered during the six years after obligation was required, 53% are presently working for SHD, 22% worked for SHD one year or more. That is 75% are working or have fulfilled their obligation. Based on the full 10 years and the number of living CE graduates, 40% are presently employed by the SHD, and an additional 23% worked for one year or more before resigning. That is, 63% are presently working for SHD or have worked for one year or more after graduation.

Table 2

Classes Entering, Sept.:	1958	1959	1960	1961	1962	Total
Entering	29	29	30	35	30	153
Grads. BS in CE	4	--	--	--	--	4
Grads. other degrees	1*	--	--	--	--	1
Employed SHD	5	--	--	--	--	5
Not serving SHD after Grad.	0	--	--	--	--	0
In school	9	10	13	28**	30***	90
Drop outs serving SHD	2	7	11	1	0	22
Drop outs not serving SHD	13	12	6	6	0	37

\* Graduated in Electrical Engineering, working with the Dept. in the field of Electrical Engineering.

\*\* Six of these were separated from the program at the end of the first semester but remained in school.

\*\*\* Selected in May, 1962, to report to school Sept., 1962.

### Sophomore Scholarship Program

About January 1, 1958, at the State Highway Engineer's (Mr. Dwight Bray) suggestion, the Department added the sophomore scholarship program. Those who successfully completed the work required as a freshman scholarship student and who had a standing of not less than 2.5 on a 4.0 basis were eligible to apply for the sophomore scholarship. It was made retroactive to include the class entering in Sept., 1957. A limit of 12 was set by the Department; however, only six of the 26 in the class could qualify. With the class entering Sept., 1958, seven out of 29 qualified. The qualifications were revised to require at least a 2.0 standing, no failures or withdrawals, and the completion of all work assigned. On this basis, 11 out of 29 of the class entering in 1959 qualified, and 10 out of 30 from the class entering in Sept., 1960, qualified.

Again, about January 1, 1962, the program was revised. The number of available sophomore scholarships was increased to 15; the qualifications remained the same; and anyone who had finished all work assigned in the first two semesters in civil engineering at the University of Kentucky was eligible -- preference to be given to those having held the Highway Freshman Scholarship. The first selections were made in May, 1962, resulting in 10 from the Freshman Scholarship group and five others from the freshman civil engineering class entering in September, 1961. The sophomore group is required to sign an obligation to serve the Department for two years after graduation, and the parent or guardian must serve as co-signers. Table 3 shows the progress of the sophomore scholarship program.

Table 3

Classes Entering, Sept.:	1957	1958	1959	1960	1961	Total
No. selected	6	7	11	10	15	49
Grad. BS in CE	6	3	--	--	--	9
Grad. other degree	-	1*	--	--	--	1
Employed SHD	6	4	--	--	--	10
Not serving SHD after grad.	-	-	--	--	--	--
In school	-	2	8	9	15	34
Drop outs serving SHD	-	-	3	1	--	4
Drop outs not serving SHD	-	1	--	--	--	1

\* Graduated in Electrical Engineering, now serving SHD in that field.

From the first class, 1957, all have graduated and are presently employed in the Highway Department. From the second class, 1958, four have graduated and are working for the Department. Two are in school, and one has resigned. Of the third class, 1959, eight are in school, three have dropped out of school and are working for the Department. Of those in the fourth class, 1960, nine are in school, one has dropped out of school and is presently working for the Department. The fifth class, all new appointees, will enter the sophomore class in September, 1962. This group is giving very excellent performance and we expect 90% graduation.

## ADDITIONAL COMMENTS

The Highway Scholarship Program has been well received by the people of the State. The district engineers and other highway officials as well as the Kentucky Society of Professional Engineers and the Kentucky Section of the American Society of Civil Engineers, have kept the high schools in the State well informed as to the available Highway Scholarships and the excellent opportunities in the field of highway engineering.

The Department has profited by the scholarship program, not only by the services rendered by those who have had a part in the program but by the good relationship built up among those students in civil engineering. Since the program started in September, 1948, and through June, 1961, 887 have graduated in civil engineering at the University of Kentucky. In a survey made by the Civil Engineering Department, of these classes graduating, 608 returned questionnaires giving details of their employment. Among these, 35 were from the Highway Scholarships, and 81 others were at that time, August, 1961, employed by the Kentucky Department of Highways; or, of those returning the questionnaires, 17.2% were employees of the Department of Highways. Whereas, during the years, 1948 through 1952, only 5.4% of those reporting were employed by the Kentucky Department of Highways.