

The A.S.H.E. SCANNER

VOLUME XIV, No. IV

THE AMERICAN SOCIETY OF HIGHWAY ENGINEERS

MAY 1978

A.S.H.E. WELCOMES ANOTHER OHIO SECTION

Cuyahoga Valley Section Akron-Canton, Ohio

The newly formed section received its charter at its March 28, 1978 meeting at the Imperial House, North Canton, Ohio.

Prior to the presentation of the charter, Chuck Luff the President of the section announced the results of the election of officers.

President — Charles E. Luff

1st Vice-President — Thomas Mudd

2nd Vice-President — Thomas G. Criswell

Secretary — Guss Arrendale, Jr.

Treasurer — Charles E. Werling

Directors

One year term — Paul Scala

Two year term — David G. Fielder

Three year term — George G. Lockhart

The Cuyahoga Valley Section has 46 members with additional members signing

up weekly - meetings are being held on the 4th Tuesday of each month.

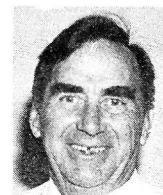
Chuck Luff introduced Joseph Martinelli, first Vice-President of A.S.H.E. and Gene Smith, National Director.

Gene Smith then gave a short talk about the back-ground of A.S.H.E. Then presented the pins and membership cards to Chuck Luff and intum Chuck passed them out to the members with the help of Guss Arrendale, Secretary of the Section.

Gene Smith then turned the podium over to the 1st Vice-President of A.S.H.E., Joseph Martinelli, who presented the Charter to Chuck Luff, President of the Section, who then duly installed the Section Officers with a prescribed ceremony.

Chuck Luff then announced the upcoming National Convention that will be held May 18, 19 and 20, 1978 in

continued on page 2



President's Message

**HAROLD C. POULSON, P.E.
NEW CUMBERLAND, PA.**

In 1958 I was asked to give a talk to a new organization in the Harrisburg area on a technical phase of highway construction. I was impressed by the diversity of the members of the group. There were Highway Department people, contractors, representatives of consulting engineering firms, material suppliers and others with an interest in road building and road maintenance. This organization was the first Section of the American Society of Highway Engineers.

The growth of the A.S.H.E. during its twenty years of existence attests to the soundness of the concept of this unique organization. Many of our members belong to professional or technical societies or organizations and associations in their own fields of endeavor. They find, however, that A.S.H.E. membership provides them with opportunities to associate with representatives of all phases of highway work. The contractor can meet with the designer, the consultant with the inspectional personnel, the supplier with the specification writer: all in informal situations on a friendly and first name basis.

The year 1958 had the further significance that it marked the inception of the Interstate Highway System Program. In the ensuing years highway work was expanded greatly; Highway Departments became Departments of Transportation; funds for highway work appeared to be adequate. The living was good. During the past five or six years some ominous clouds have appeared on the horizon. First came the anti-highway groups and the extremists in the environmental protection movements. Next came double digit inflation. Now in Pennsylvania, we are

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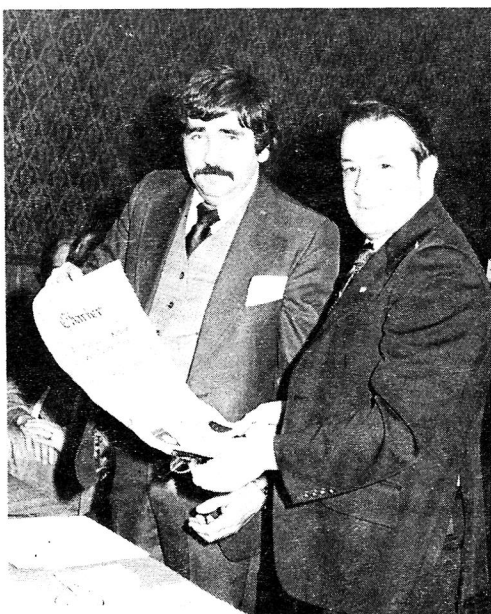
Gene Smith takes on new challenge



Reynolds Development has a new managing engineer. After almost a year's search, the board of trustees of the development announced that Gene G. Smith, 50, of 101 Boyd Drive, Hermitage, would take over running Reynolds Development on February 6.

The Reynolds Development is located between Sharon and Greenville, Pennsylvania and comprises most of the area that was known as Shenango Personnel Replacement Depot, a point of embarkation for the U.S. Troops, during World War II. The barracks were removed but some of the army warehouses remain intact. The railroad yards and the warehouses have been converted for private industry and several hundred acres remain for industrial development. The area that

continued on page 3



CUYAHOGA VALLEY

continued from page 1

Morgantown, West Virginia at the Lakeview Country Club encouraging representation from the Section.

Chuck then introduced the feature speaker of the evening, Mr. William Hulbert, Vice-President of Divisions, East Ohio Gas Company. Mr. Hulbert gave an interesting talk with a slide show about the current status of the gas supply and energy conservation, after which a question and answer period was held. The meeting was then adjourned.

Publicity Chairman
Thomas Criswell
2nd Vice-President

MEMBERS

Guss Arrendale, Jr. - Tallmadge, Contractor
Robert L. Authenreith, P.E. -
Cuyahoga Falls, Consultant
Frank L. Beckman, P.E. - Akron
Materials Producer
Eugene F. Beque, Sr. - Mogadore
Contractor
Thomas H. Butler - Hartville, Municipal
James T. Brunot, P.E. - Akron, Consultant
Richard T. Connair, P.E. - Ravenna,
Contractor
Jack Cooper - Tallmadge, Municipal
Thomas G. Criswell, P.E. - Ravenna,
Municipal
John A. DiRoberto, R.S. - Akron,
Contractor
Terry M. Donovan, P.E. - Independence,
Consultant

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UPPER

Chuck Luff receiving the Charter from Joe Martenilli, Vice-President of A.S.H.E.

MIDDLE

Joe Martenilli installing the Officers. Standing left to right are: Dave Fiedler, City of Akron - Director; Guss Arrendale, Ruhlin Const. Co. - Secretary; Tom Crisswell, City of Akron - 2nd vice-President; Chuck Luff, East Ohio Gas Co. - President; Chuck Werling, Glaus, Pyle & DeHaven - Treasurer; George Lockhart, H.B. Lockhart Const. Co. - Director.

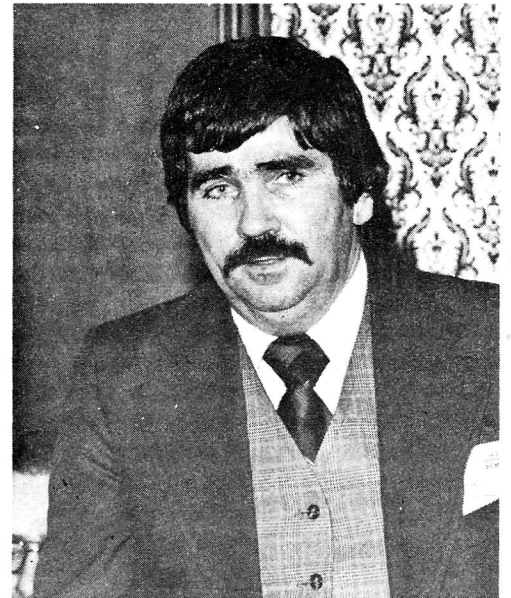
LOWER

Chuck Luff and the guest speaker of the night, Mr. William Hulbert, exchanging comments about the slide presentation.

CUYAHOGA VALLEY

continued from page 3

Fredrick A. Eisenzimmer - Akron,
Consultant
Charles R. Fairchild - Uniontown,
Contractor
David G. Fielder, P.E. - Akron, Municipal
Jerome M. Gergosky - Akron, Municipal
William J. Hagenlocher, P.E. - North
Canton, Consultant
Kenneth C. Jennings - Canton,
Materials Producer
R. Michael Kerr, R.S. - Clinton, Consultant
Pawan K. Khaitan, P.E. - Munroe Falls,
Municipal
John L. Knapp - Rootstown, Contractor
Wilbur R. Kost - Massillon, Utility
George G. Lockhart - Akron, Contractor
Charles E. Luff - Norton, Utility
John W. Mills, P.E. - Akron, Municipal
Thomas E. Mudd - Akron, Contractor
Warner Ohman - North Olmsted
Materials Producer
William D. Patterson - Cuyahoga Falls,
Consultant
Robert W. Pogwizd, Cuyahoga Falls,
Municipal
Milton M. Radovic - North Canton, Utility
James A. Raybuck - Akron, Utility
William Scala - North Canton, Contractor
Volney W. Schafer, P.E. - Massillon,
Materials Producer
Nicholas A. Spagnuolo, P.E. - Akron,
Consultant
Cyrus J. Stair - Copley, Utility
John L. Thoenen, R.S. - Akron, DOT
Charles E. Werling - Wadsworth, Consultant
Thomas R. Burns - Columbus,
Insurance, Equipment
Joseph V. Raccuia - Akron, Contractor
John W. Zachardy - Akron, Consultant
John N. Hiller - Akron, Utility
Richard J. Kreiter, R.S. - Canton, Utility
John B. Ruhlin, Jr. - Akron, Contractor
John R. Sanders - Norton, Municipal
Paul L. Scala - Akron, Contractor

**UPPER**

Group picture of members and guests. 29 people enjoyed the evening activities.

LOWER

Chuck Luff our President. We are all very proud to serve under him.

**SMITH — continued from front page**

was occupied by barracks is being subdivided into residential building lots and several hundred homes have been built in the last twenty years with more areas to be subdivided.

The Development is operated as a Trusteeship for the Greenville Area Chamber of Commerce, or the Greenville Area Businessman's Association, as they were known in the beginning. These men had the foresight to purchase the remaining buildings as well as large tracts of land from the Government. The Camp was complete with paved streets, sanitary sewers and a complete water system, much like a small city, these utilities were purchased along with the land and buildings and will also be my responsibility

to manage.

My predecessor passed away rather unexpectedly in March of 1977 and a very competent staff has kept things running smoothly during the interim. †

CLEARFIELD SECTION

On January 19, 1978 the Clearfield Section of the American Society of Highway Engineers held their regular meeting at the Salem Saddle Club.

Mr. Albert Stallknecht of Rummel, Klepper & Kahl, Consulting Engineers presented a very enthusiastic and informative program on the design and erection of the Hunsecker Covered Bridge in Lancaster County Pennsylvania. †



HARRISBURG SECTION

Brian McCoola, P.E., Public Relations

Repair, replacement and rehabilitation of Pennsylvania's problem bridges was the featured topic when the Harrisburg Section of the American Society of Highway Engineers (ASHE) held a recent monthly meeting March 6, 1978 at Harding's Restaurant in Camp Hill.

Over 60 members were on hand to hear Pennsylvania Department of Transportation District Engineer, Anthony Gaeta, of Pittsburgh present a talk detailing the critical bridge problem now facing the Greater Pittsburgh Area.

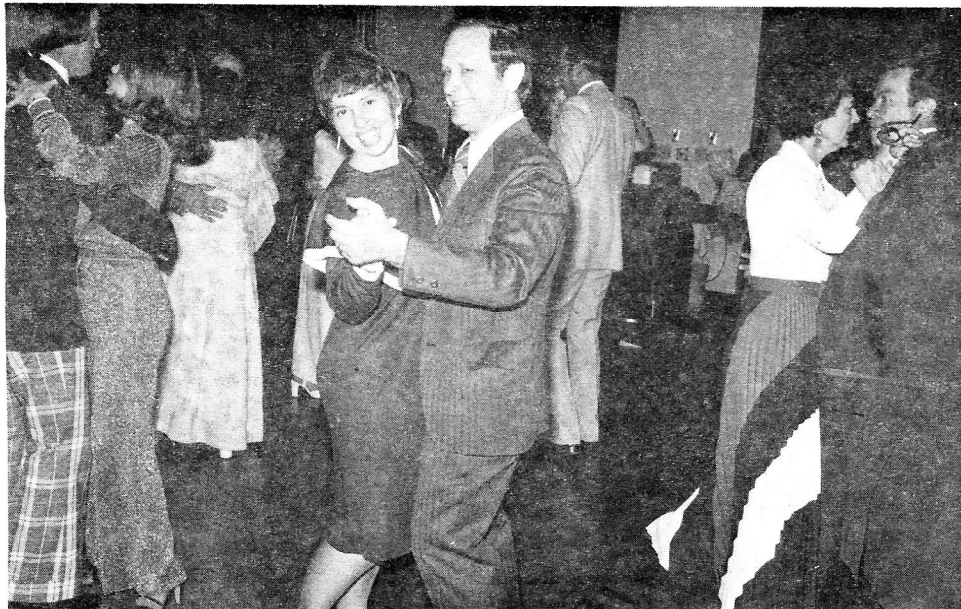
With over 1700 bridges in the city and county, Pittsburgh currently has more bridges than any other metropolitan area in the United States. An estimated 250 of these bridges, including one-fourth of the area's major river crossings, are presently substandard. These spans have either weight restrictions imposed or are now closed to traffic.

Pittsburgh's overall bridge problem is according to the Federal Highway Administration "perhaps the nation's most serious."

Over 1000 of Pittsburgh's 17000 bridges were erected more than 35 years ago.

Repair or replacement of nearly 100 of Pittsburgh's most critical spans has been estimated to cost approximately \$300 million.

Presently less than \$10 million is
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UPPER

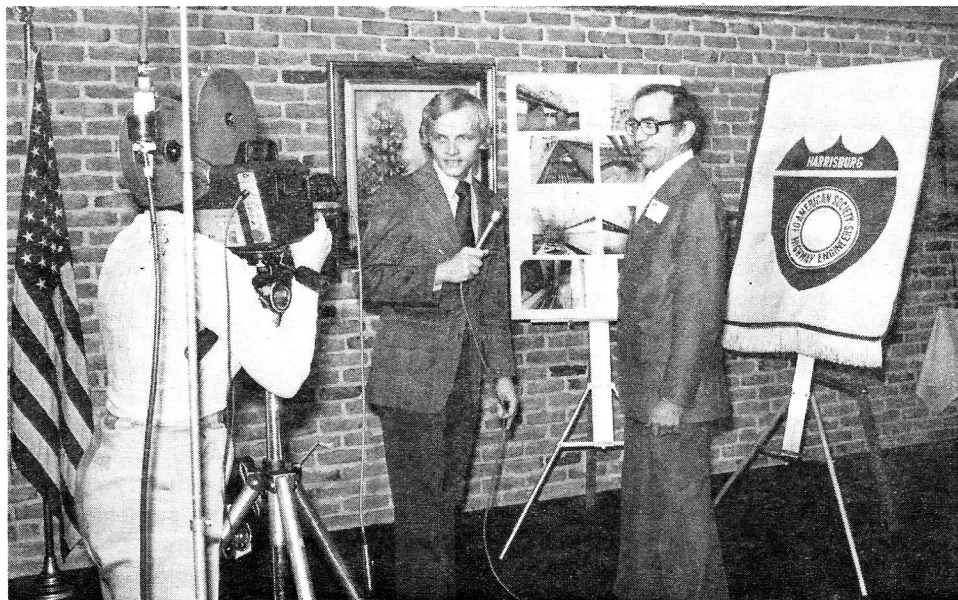
Harrisburg Section Officers for 1978-79 pictured along with current ASHE National President Harold Poulson. Couples from left: 2nd vice-President Al Stalknecht and wife Helen; Harold Poulson and wife Allene; President Robert Turgeon with wife Betty Jean; and 1st vice-President Hank Heck with wife Jody.

MIDDLE

On the dance floor, Kay and Bill Pickering.

LOWER

Bernie Kotalik, PennDOT Chief Bridge Engineer, is interviewed by Channel 27 Harrisburg TV News Reporter Chuck Rhoads. The taped interview was aired the same evening on the station's 11 o'clock news.



HARRISBURG SECTION

continued from page 4

available in city, county, state and federal funds for this purpose.

As an extreme case, Pittsburgh's bridges dramatically point up a critical problem now faced by transportation officials in all areas of Pennsylvania and throughout the country.

In Pennsylvania, 3000 of the nearly 27,000 state-owned bridges are presently deficient according to a survey released last summer by the Pennsylvania Highway Information Association (PHIA).

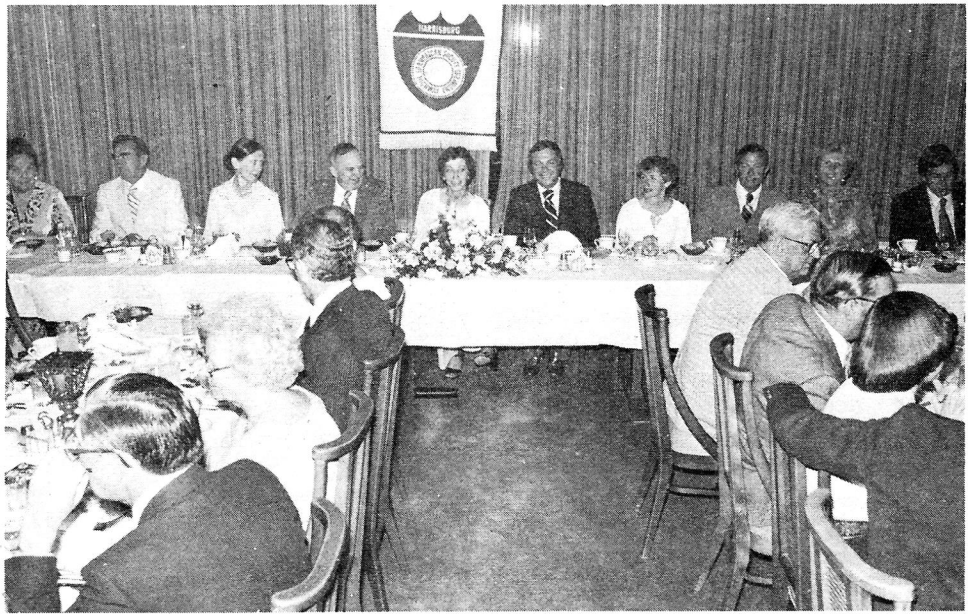
Nationwide, the Federal Highway Administration estimates that 105,000 bridges are deficient along U.S. highways. An estimated \$23 billion dollars would be needed to repair or replace these dangerous spans in this country.

"Time is running out for Allegheny County's and Pennsylvania's Bridges," Gaeta said.

Most needed in order to help reduce the current bridge crisis both in Pittsburgh and elsewhere is dollars.

Among possible measures mentioned were boosting highway-user taxes at the local or state levels, imposing higher

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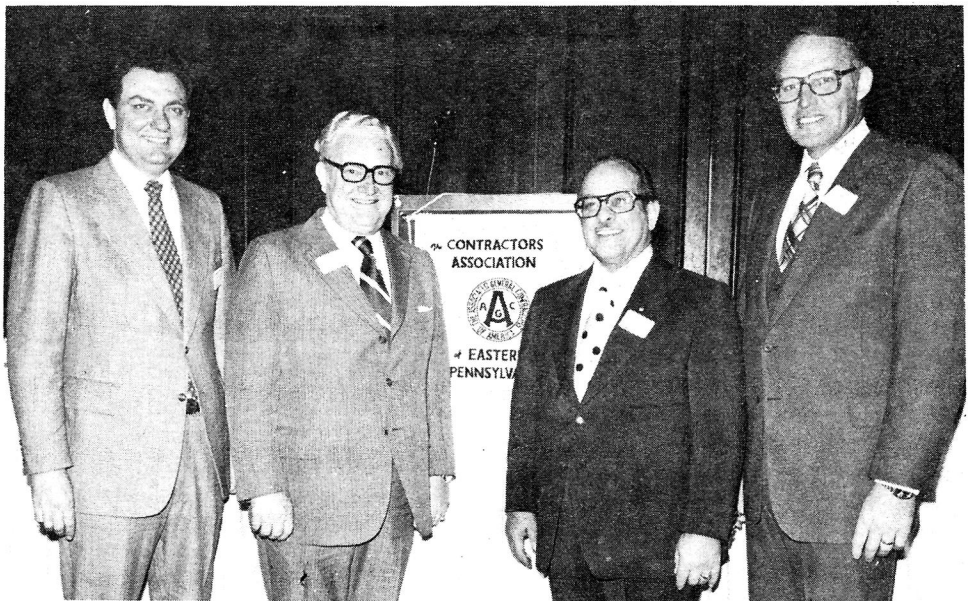
**UPPER**

Some of the many couples on hand for the Harrisburg Section's April 8th Ladies Night Program at the Carlisle Country Club.

MIDDLE

Marriott - Phila Luncheon Meeting Contractors Association of Eastern Pa. Henry F. Acchione (Acchione & Canuse Inc. Phita) served as president of the CAEP for 2 years. Robert Buckley is the new President Buckley & Co. Inc., (Phita). Several hundred attended the breakfast & work seminar in A.M.

Left to right: James Wilson, Secretary of Transportation; Guy Gun - Ex. Sec. Assn. Pa. Constructors; Henry Acchione - Pres. Acchione & Canuse, Inc. (Past Pres. of CAEP); Robert Buckley, Pres. Buckley & Co. Inc., (new Pres. CAEP).

**LOWER**

. . . . And also filling the airwaves March 6th were the sounds of an ace turkey caller. Tony Gaeta's adept calling did bring at least one fine gobbler to within range of Ercol Acri's candid camera.



HARRISBURG SECTION

continued from page 5

registration fees for trucks and autos, bridge tolls and above all a concerted effort to persuade the federal government to rebate a larger share of the highway user taxes that local motorists now pay.

Considering the scale of the action required, Gaeta urged support for the necessary legislation at the earliest date to provide for an adequate repair and rehabilitation program.

The Harrisburg ASHE Section joined 11 other engineering and technical groups on Wednesday, February 22nd for the Annual Engineer's Week Dinner at the Sheraton Harrisburg Inn.

Mr. William C. King, Director of Corporate Policy Analysis for the Gulf Oil Corporation in Pittsburgh, Pa. was the keynote speaker. King's topic was "Our Energy Dilemma and It's Opportunities."

T. Robert Kealy of Wormleysburg, Managing Partner of Modjeski and Masters Engineers, Inc. of Mechanicsburg was presented with a plaque and honored as Engineer of the Year by P.S.P.E.

Over 150 persons were on hand for the evening's program.

Mr. Allen D. Forshey, P.E., Soils Engineer for PennDOT's Bureau of Materials and Testing presented an informative mini-talk at the March 6th ASHE meeting on "Uses of Filter Fabrics for Highway Purposes."

Filter fabrics are mats of synthetic fibers which are highly permeable, light in weight, strong and flexible. They can be used for filtration, separation, reinforcement and drainage.

Filter fabrics have been in rise since 1968 with over 5,000 installations having in 35 counties, Forshey said.

On Saturday, April 8, 1978, over 80 ASHE members, wives and guests gathered at the Carlisle Country Club for the Section's Annual Ladies Nite. Fred Eshelman, who handled arrangements for this fine affair, served as Master of Ceremonies. Harold Poulson, National ASHE President was guest of the local section and delivered brief remarks. A most pleasant and enjoyable time was had by all who attended.

NEW MEMBERS

William C. Koehler, P.E. - Camp Hill, PennDOT

Richard J. Lippincott - Harrisburg, Contractor

Richard N. Cochrane, P.E. - Harrisburg, PennDOT



Tony Gaeta, left, featured speaker at the Harrisburg Section's March 6th meeting discussed the serious bridge problems in the Greater Pittsburgh

Area. Looking on are, from left, Brian McCoola, Hank Hecka and Robert Turgeon, all of Harrisburg ASHE.

John B. Thomas, EIT - Newport, Contractor

David H. Leroy - Harrisburg, Consultant

EAST PENN SECTION

Bart Snyder, Public Relations

On February 14, 1978, the regular meeting of the East Penn Section was held at Hieter's Restaurant in Emmaus Boro. Forty-one members and guests enjoyed the interesting and informative presentation by Mr. Edward Murrer on "Laser Applications in Construction."

On March 14, 1978 the regular meeting was held at the Kempton Hotel, in the village of Kempton, Berks County, where thirty members and guests enjoyed a real old fashioned country meal. The speaker for this meeting was Mr. Frank J. Kempf, P.E., Chief Bridge Engineer for the firm of Michael Baker, Jr. His subject was a presentation of slides and discussion of construction of the New River Gorge Bridge in Fayette County, West Virginia. Mr. Kempf's very interesting discourse covered all phases of the subject bridge from design to actual construction. The bridge is unique, in that it is a World Record Bridge. Designed by Michael Baker Jr., Inc. the bridge has the longest steel arch in the world - 1700 foot span, 370 foot rise. It is the second highest bridge in the United States - 876 feet (325 feet higher than the Washington Monument). The total length of the

structure is 3030 feet; the contractor was the American Bridge Division, United States Steel Corporation and the bid price was \$33,984,000.00.

The April meeting of the section was held at Trainers' Restaurant in Lehighton on April 11, 1978. The speaker was Mr. A. C. Coffman of Energy Absorptions Systems, Inc., and his subject was the impact attenuators centering around safety in the construction areas.

After two postponements, due to heavy snow storms (January 20 and March 3) Bart's retirement party no. 3 finally got off the ground on March 17, St. Patty's Day. Over 200 persons were present at Holiday Inn East, Bethlehem, Pa., and enjoyed an evening of good fun, eating, drinking and dancing. Bart of course was roasted unmercifully by his eloquent fellow workers, but they did break down and say nice things about him, eventually.

Nominations of officers for the 1978 - 1979 fiscal year East Penn Section are the following members:

President — Robert L. Donovan
1st Vice President — Charles J. Sincavage
2nd Vice President — Harry Bisco
Treasurer — William Diehl
Secretary — John Douahue
Directors (3 years) Andy Stasek
Fred Wolf
LeRoy Fahringer



DELAWARE VALLEY SECTION

The Delaware Valley Chapter held a Dinner-Dance at the Chateau Granieri on February 24, 1978. The 94 persons present felt the affair was a great success. Dinner was filet mignon followed by dancing.

The March meeting of the Delaware Valley Chapter was held at the Valley Forge Holiday Inn on March 22, 1978. The speaker for the evening was John Butera, the brother of Robert Butera, candidate for Governor of Pennsylvania. Mr. Butera spoke specifically on the need to improve PennDOT both internally and in the public's eye. After his speech, there was a spirited question and answer period from those present.

NEW MEMBERS

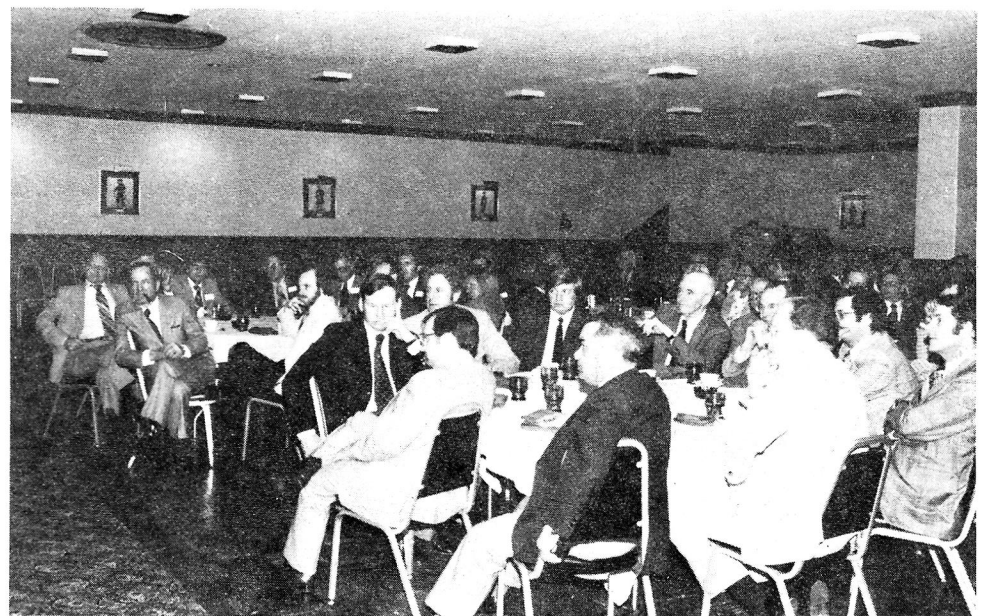
John F. Dallas - Norristown,
Contractor, Construction
Leo V. Couchara, Jr. - Blue Bell
Contractor, Construction
Joseph L. Kennedy - Malvery,
Equipment Sales
James C. Rakestraw, P.E. - Norristown
Consultant
Harold H. Weber, Jr., P.E. - Pottstown
PennDOT
Dante R. Finocchi, EIT - West Deptford,
N.J., Materials Producer
Myron Kowall - Wilmington, Del.
Materials Producer

UPPER

Head Table (from left): R. Paul McConnell - 1st vice President; James Rakestraw - New member; Harry Talley - President; John Butera - Speaker; Andy Antonucci - Director; Joe Puchalski - Director.

LOWER

Portion of the crowd.



PRESIDENT'S MESSAGE

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experiencing the consequences of deficit financing.

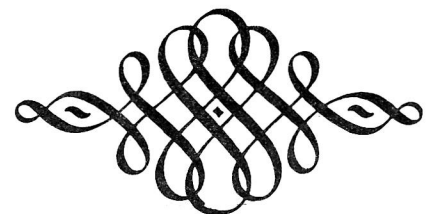
The fortunes of the American Society of Highway Engineers followed the growth of the highway industry during the expanding years. The cessation of work in Pennsylvania has forced us to reassess our present situation. We have experienced some loss in membership among those for whom the industry no longer provides employment. However, good progress is being made in securing new members from within the industry and from among

those persons who appreciate the benefits of adequate transportation systems. The need for our Society and the validity of its aims and goals are as timely today as they were twenty years ago.

The really bright spot in the picture is the work being done by our New Sections Committee under the direction of Gene Smith. The Western Reserve Section in Ohio has had its shakedown cruise and is functioning like a team of old pros. The Cuyahoga Valley Section in Ohio begins to look like an operating entity. Interest is being shown in Southwestern New York and in northern West Virginia in the establishment of new A.S.H.E. sections. We sincerely appreciate the work of this committee.

An adequate system of highways with

safe bridges is essential to the economical movement of people and goods within the United States. As American Society of Highway Engineers members we must continue our dedication to the proposition that each state must have a well planned and adequately financed program of construction and maintenance to provide such a system.





FRANKLIN SECTION

The March meeting was held on March 15, 1978 at the Mike Isabella's Restaurant on Wilmington Avenue in New Castle, Pa.

Host for the meeting was Glen Hileman. Program Chairman - Tom Tomelleo presented a film on the design and construction of "The" Bridge in West Virginia over the New River Gorge. The bridge was designed by the Harrisburg office of Michael Baker and constructed by the American Bridge Company, a division of U.S. Steel. The main span of the bridge is the longest steel arch in the world and is over 850 feet high. Mr. Murtha and his associates fielded many interesting

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UPPER

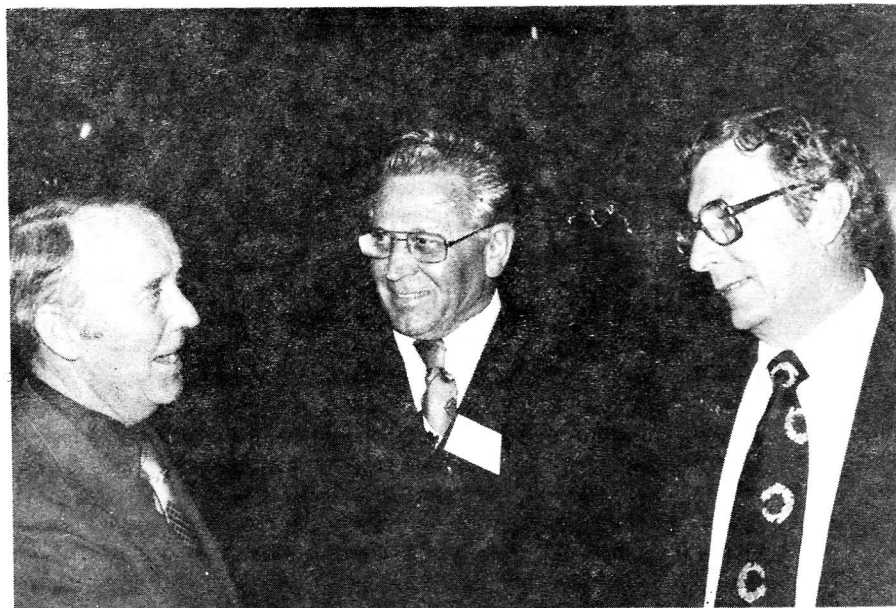
During the "PDI" (Pre-Dinner Interval) at the Annual Venison Dinner, the principals at the head table are pictured in various attitudes of discussion. Fred Servey (third from right) Public Relations Representative for Penna. Game Commission, N-West Division was guest speaker for the evening (others shown left to right) are Herb Hasbrowk - 2nd vice President; Jack Whitehill - 1st vice President; Mike Swich - Treasurer; Dick Fox - Director; Hank Hood - Director; R. Gerwick - Section President; Fred Servey; Carl Rice - Director and Jack Sherman - National Director.

MIDDLE

Section President, Robert Gerwick in center with paper in hand, outlines the evenings activities to section members and guests. Others in photo from left to right are Jack Ricalton - Section Secretary; Herb Hasbrouck - 2nd vice President; Ron Murtha of Michael Baker Co.; R. Gerwick; Mike Swich - Treasurer; Louis W. Petulla - District Engr. 1-0; R.T. Fox - Deputy District Engr. 1-0; and Hank Hood - Top Roc, Director. In left foreground is Tom Rodgers of PennDOT.

LOWER

Ron Murtha (left) of Michael Baker Co. who presented the evening's program to Franklin Section members and guests chats with the host - Glenn Hileman (center) Sup't for Foster Grading Co. and Program Chairman - Tom Tomello (right) PennDOT Ass't. Construction engr.



NORTH-EAST PENN SECTION

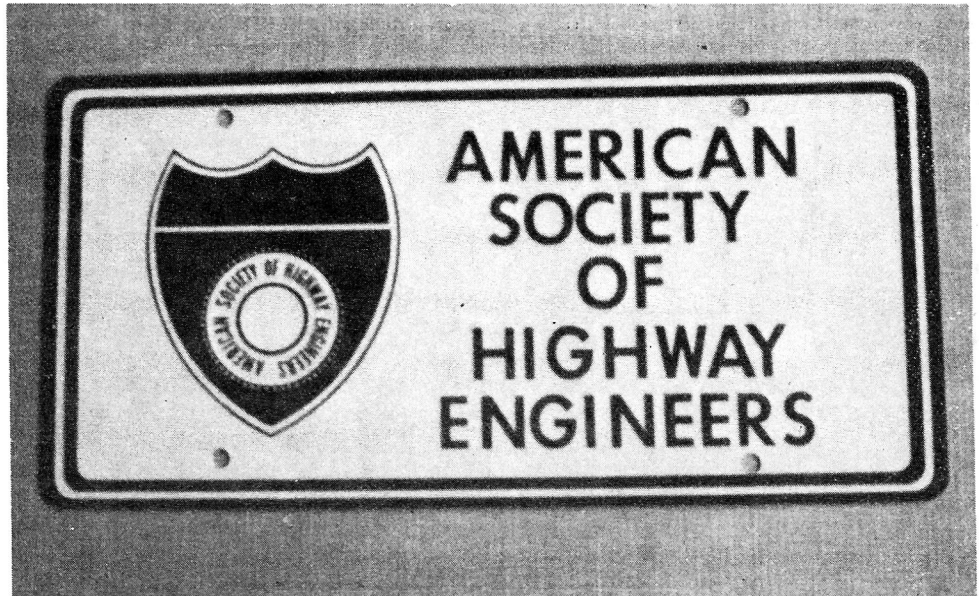
The Annual Valentine Dinner Dance was held on the fourth of February at the After Five Supper Club, Dickson City. The one hundred and five members and guests began the festivities with a cocktail hour followed by a prime rib, roast beef or lobster dinner. Music, dancing and an open bar completed the evening of enjoyment.

The March meeting was held in the Carriage Inn at Olyphant. Mr. Florian B. Janoski, our guest speaker spoke about "Electric Blasting." Movies, slides and the blackboard were used to illustrate the complexity of his topic. He was assisted by Connie Postapack, a well known blasting trouble shooter.

Robert P. Casey, the former Pennsylvania State Auditor General was the guest speaker at the April meeting, which was held at Aldin's Manor in Wilkes-Barre.

Mr. Casey related some of his experiences and accomplishments while holding that position with the state government.

The Northeast Penn Section which is to host the 1980 ASHE Convention has come up with a two fold idea to offset some of the costs of running the convention and promote the organization. A three color (red, white and blue) license plate, which your section secretaries have already received are being sold for this reason. Help to recognize your fellow members when travelling and especially when traveling toward the 1978 convention. Be proud of your organization by promoting this worthy cause. Cliff Hoffman, 1245 Blair Avenue, Scranton, Pa. 18504 is co-ordinator of the license plate promotion. Contact your section secretary for obtaining your organization license plate. †



FRANKLIN SECTION

continued from page 8

questions posed by the members. They presented a highly interesting program and capped off a sumptuous Italian Wedding Party which got rave reviews for a week after.

A welcome was extended to guest Louis W. Petulla - District Engineer for PennDOT. Also an application, we believe.

Gene G. Smith, National Director, put in a plug for the National Convention to be held on May 18, 19 & 20 at the Lake View Country Club near Morgantown, West Virginia. He also reported on his new sections efforts into Akron-Canton Hornell, N.Y. and Uniontown, Pa. Dick Lugg reported on the prospects of the

annual Golf Outing at Conneaut Lake on June 14. †

Your Health

Want to Quit Smoking?



If you're worried by the number of cigarettes you smoke each day and would like to break the habit, here are some suggestions: ☐ Choose a flexible set of goals, and reward yourself at appropriate intervals. Natural health foods can make a pleasant prize for successful days of cigarette abstinence. But be careful to watch your weight. ☐ Punishment

systems are sometimes effective — set up agreements with a friend or spouse that if you don't reach your goal, you'll give up something. ☐ You could try a mechanical device that reduces the amount of smoke you can inhale. ☐ Try substituting other activities for the "after-dinner cigarette" such as a walk, a magazine, and so on. ☐ Remind yourself of all the crummy things smoking does to you. ☐ Try a smoker's clinic. ☐ If all else fails, ask your doctor about hypnosis.





PITTSBURGH SECTION

At the organizational meeting which was held at the Holiday House in Monroeville on October 29, 1965, the following officers were appointed to inaugurate the Pittsburgh Section of A.S.H.E.:

President — George Davic

1st Vice President — John Coates

2nd Vice President — Samuel B. Kennedy

Secretary — Cecil L. Stevens

Treasurer — Angelo J. Tosati

We received our charter from National President Walter H. Burke, P.E. in October 1966 at the Ankara Supper Club. The speaker for the evening was Robert Bartlett, P.E., who was then Secretary of Administration of the Pennsylvania Department of Highways. Mr. Bartlett later became Secretary of Highways under Governor Schaefer.

The succession of Presidents follow:

1965 - 67 — George Davic

1967 - 68 — Norman J. Cochrane, P.E.

1968 - 69 — John F. DeRoss

1969 - 70 — William E. Urick

1970 - 71 — Kenneth E. McCurdy

1971 - 72 — George R. Wright, P.E.

1972 - 73 — Howard C. Schubel, Jr.

1973 - 74 — Rudolph Melani

1974 - 75 — Ebert J. Kinter

1975 - 76 — Anthony J. Gaeta, P.E.

1976 - 77 — Raymond R. Gedrock

1977 - 78 — Charles R. Way, P.E.

Under the Chairmanship of John F. DeRoss with William E. Urick and Joseph

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UPPER

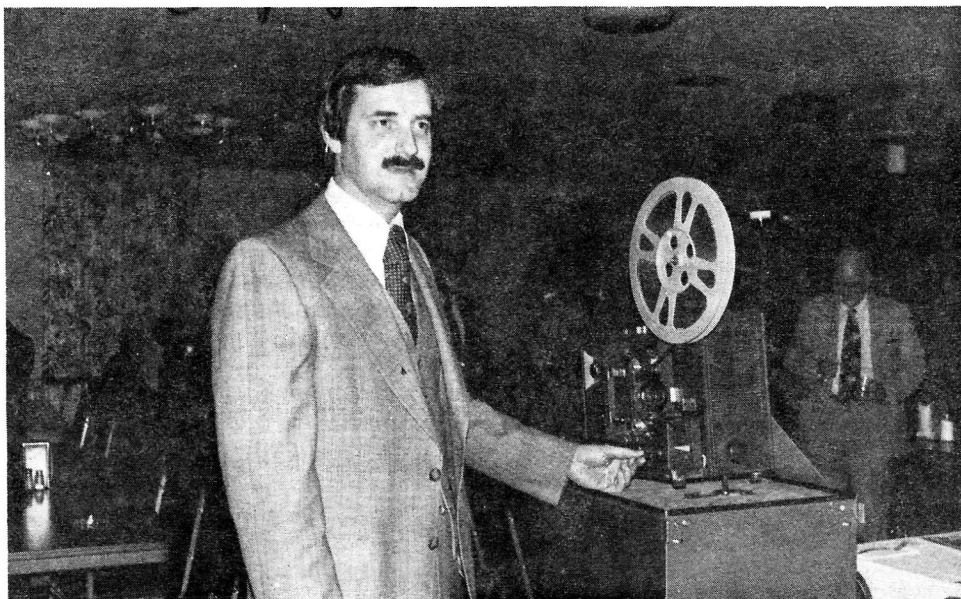
Left to Right: Chuck Way, Pgh. Section President presenting plaque for Distinguished News Reporting to Wayne Van Dine of TV 11, WIIC. Looking on are Dave Leherr, Pittsburgh Post Gazette and Anthony J. Gaeta, Past President Pgh. Section and PennDOT 11-0 District Engineer.

MIDDLE

Left to Right: Chuck Way, Pgh. Section President presenting plaque for Distinguished News Reporting to Dave Leherr, Columnist for Pittsburgh Post Gazette.

LOWER

William Thomas, Branch Manager, Wilson Snyder Pumps Division of U.S. Steel Corp. guest speaker, showing film on "Black Mesa Coal Pipeline."



PITTSBURGH SECTION

continued from page 10

Martinelli as Co-Chairman, the Pittsburgh Section hosted the 7th Annual Convention at Seven Springs, Pennsylvania on May 23rd & 24th, 1969.

We also hosted the 12th Annual Convention at Seven Springs on May 23rd to 26th, 1974. Anthony J. Gaeta, P.E. served as Honorary Chairman along with Co-Chairmen John F. DeRoss and William E. Urick.

Our Annual Banquet was referred to as "Ladies Night" and was traditionally held in May of each year until 1974 at the Holiday House in Monroeville. Since the month of May presented a conflict with the National Convention date, it was decided to change the annual banquet to a date in October of each year beginning in 1974. It was also decided to re-name the affair "Past Presidents Banquet." At the October 1974 banquet, plaques were awarded to all Past Presidents including a Posthumous award for George Davic which was accepted by Mrs. Davic. A plaque has been awarded in each succeeding year.

Special note should be made of the fact that Millard F. L. Steward, P.E., was elected Treasurer for the 1967-68 term and has been re-elected every year since.

On May 15, 1976 we received the George K. Hart Award "for securing the greatest percentage of new members, June 1975 - May 1976" at the 14th Annual Convention at Bedford Springs, Pennsylvania.

Two Pittsburgh Section members who served as National Presidents are:

continued on next page

**UPPER**

Guest Table left to right: Dave Leherr, Tony Gaeta, Mrs. Dave Leherr and Helen Huebert, Pgh. Section A.S.H.E. Member.

MIDDLE

Left to Right: George Bowers, PennDOT Public Relations, Dave Leherr and John DeRoss, A.S.H.E. Past National President cracking up over one of Dave's subtle jokes.

LOWER

Ross Pelileo, right, A.S.H.E. member greeting Wayne Van Dine, TV personality from Channell 11, WIIC.



WESTERN RESERVE SECTION

UPPER

November 22, 1977 at the Monthly Membership Meeting - President Coleman presenting a certificate of appreciation to the speaker for the evening, Dr. George Beelah, Austintown Township Trustee.

LOWER

February 14, 1978 at the Monthly Membership Meeting - President Coleman presenting a certificate of appreciation to the speaker for the evening, Mr. Robert A. Wilkinson, P.E. of the Ohio Aggregate Association.



PITTSBURGH SECTION

continued from page 11

James Weaver, 1973 - 1974

John F. DeRoss, 1976 - 1977

Having 323 members, we are the largest section of A.S.H.E.

The Pittsburgh Section met on April 12, 1978 to hear an excellent presentation by Mr. William Thomas, Branch Manager, Wilson-Snyder Pumps. He spoke on "Black Mesa Coal Pipeline from Arizona to the Mohave Power Station."

His movie presentation covered the movement of a coal slurry from the Black Mesa in a Hopi-Navajo Indian Reservation across the state of Arizona a distance of 300 miles to Bullhead City on the Colorado River. The three day trip involves the pumping of a slurry (50% coal dust - 50% water) through a 12 inch diameter to 18 inch diameter pipe, buried 3 feet in the ground. Various engineering problems were solved from the raising of the slurry a distance of 1,600 feet in elevation over a 25 mile section to a 3,000 foot drop at another section. The problem was complicated by the need to maintain a nearly constant 4 mph movement of the slurry. The need for electric generating capacity doubles every 10 years in this area of the country.

The April 12th meeting was exceptionally noteworthy since 2 special awards were presented for Distinguished News Reporting. In recognition of their articles that have achieved widespread public understanding of the Pittsburgh area's highway and bridge crisis, Mr. Dave Leherr accepted a plaque for the Pittsburgh Post Gazette and Mr. Wayne Van Dine of



Action Line accepted an award for TV station WIIC. Dave Leherr was accompanied by his lovely wife Beverly.

NEW MEMBERS

Donald V. Lambert - Bridgeville,
Contractor

John J. Palmiere - Pittsburgh, Utility
Murray J. Reese - Pittsburgh, PennDOT
William F. Prunty - Pittsburgh, Utility
John V. Tiani - Pittsburgh, Consultant
Ellis G. Hines 0 Coraopolis, Contractor
George Tomich - Beaver, Consultant

WILLIAMSPORT SECTION

NEW MEMBERS

David T. Webb - Flemington,
Contractor

WESTERN RESERVE SECTION

NEW MEMBERS

Stanley J. Virgalitte - Youngstown,
Materials Producer
John T. Molnar, P.E. - Youngstown,
Materials Producer
Anthony C. Musolino - Struthers,
OhioDOT

ALTOONA SECTION

NEW MEMBERS

William R. Gohn - Duncansville,
Consultant
Carl Anderson, P.E. - Hollidaysburg,
Retired PennDOT
Harry A. Robb - DuBois, Contractor

SOUTHWESTERN PENN SECTION

January's monthly meeting was held at Dolfi's Restaurant, Masontown, with our thanks to Solomon & Teslovich Construction for sponsoring the social hour. The members enjoyed the buffet dinner followed by a movie on the construction of the Alaskan Pipeline.

Hugo's Restaurant in Brownsville was the scene of the February meeting. Frank Gavlik and Sons and McDonald Associates sponsored the social hour. The program featured Mr. Herman Bigi, an attorney, who worked in engineering while studying for his law degree. The members paid strict attention during his dissertation on laws that affect all of us. The question and answer session was at times amusing as incidents in cases were tactfully explained.

PennDOT members sponsored our March meeting held at Shady Side Inn, Uniontown. Seven new members were presented pins and certificates.

Mr. Gene Smith of our National Office and chairman of the New Sections Committee gave a slide presentation on ASHE. Mr. Smith spoke on what we can do to further our cause, also bringing us up to date on acquiring new sections.

President Jack McCune gave an account of our progress as host of this years convention on May 18 thru the 21st. The enthusiasm is most heartening. All members should have more information by the time this article is read. See you at Lakeview!

NEW MEMBERS

Victor A. Curcio, P.E. - Newell, Contractor
Ralph J. Carolla - Uniontown, PennDOT
Lawrence R. Paul - Mt. Pleasant,

Contractor

Michael J. Kaczmarek - Mt. Pleasant,
Contractor

John Gulisek - Mt. Pleasant, Contractor
Vincent F. Gavlik - Charleroi, Contractor
Sam Hayden - Mt. Pleasant, PennDOT
Nick Steich - Connellsville, PennDOT

RECYCLING PAVEMENT MATERIALS

Agencies concerned with building and maintaining streets and highways are faced with the problems of inflation, reduced budgets, shortage of materials, and curtailment of energy use. These factors have spurred a nationwide trend toward examining the more efficient use of materials, energy, and money. One such approach is concerned with the reuse or

recycling of existing pavement materials for reconstruction or rehabilitation of concrete and asphalt pavements.

The National Cooperative Highway Research Program (NCHRP), which is administered by the Transportation Research Board, is investigating the possibilities of recycling pavement materials under NCHRP Project 1-17, which is being carried out for NCHRP by the Texas A & M Research Foundation. Funding for the study is \$200,000.

Many agencies have been involved in recycling pavement materials in the past. The practice has increased substantially in recent years, and several asphalt pavement recycling demonstration projects are currently scheduled under the auspices of the Federal Highway Administration's Region 15 Demonstration Projects Program.

A spokesman for the Texas A & M Research Foundation says "In general, cost savings have been realized for certain recycling efforts. For example, aggregates and selected binders can be reused; existing construction and maintenance equipment and manpower can be utilized, thus offering the opportunity for multiple use of the equipment; and energy can be conserved by reusing the aggregate, reducing the amount of binder in certain cases and by reducing transportation materials.

"A specific benefit of recycling appears to include reducing the demand for construction aggregates at a time when sources near urban and other high use areas are being depleted. The quality of available materials is at a low level, and they are becoming unavailable in certain locations because of mining restrictions, environmental protection regulations, and appreciating land values. Quality aggregates must therefore be used selectively; marginal aggregates must be improved, or utilized, or both; and supplemental aggregate sources must be developed. In the past, paving materials have been disposed of by simply finding a location and hiding the material, usually by burying it. With a growing concern about land pollution and its effect upon the environment, disposal of rubble and other materials by burying is becoming increasingly less attractive. Further, the waste of potentially good rock cannot be tolerated, even by an affluent society. As a consequence, serious consideration must be given to recycling rubble whenever possible."

The researchers will first develop guidelines for recycling pavement materials,

taking into consideration the existing pavement structure and geometry, various recycling approaches (including equipment needs, environmental effects, energy requirements, and economics), and recycling procedures and processes. They will then evaluate the practicability of these guidelines by analyzing and interpreting information from past and current pavement recycling projects. The study is expected to be completed by January 31, 1979. †

15 WAYS TO KILL ANY ORGANIZATION

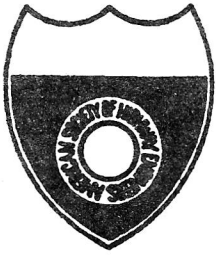
1. Don't attend meetings, but if you do, arrive late.
2. Be sure to leave before the meeting is over.
3. Never have anything to say at meetings, wait until you get outside.
4. The next day, find fault with your officers and fellow members.
5. Take no part in the organization's affairs.
6. Be sure to sit in the back so you can talk things over with another member. Nobody will notice.
7. Get all the organization will give, but give nothing in return.
8. Never ask anyone to join members in promoting good fellowship.
9. Talk cooperation, but never cooperate.
10. Threaten to leave the organization if anything is not the way you want it.
11. If asked to help, always say you haven't time.
12. Never read your bulletins, you might find out what is going on.
13. Never accept an office, or serve on a committee. It is much easier to criticize than to do things.
14. If appointed to a committee, never give any time to it. Let the chairman do it all.
15. Don't do anything more than you have to do, and when others willingly and unselfishly use their ability to help the cause, howl because the organization is being run by a clique.

Weak Medicine

The patient was distraught. "I've been misbehaving, Doc, and my conscience is bothering me," he declared.

"And you're looking for something to strengthen your willpower?" the doctor suggested.

"Oh, no!" responded the patient. "I was thinking of something that would weaken my conscience!"



The A.S.H.E. SCANNER

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THE AMERICAN SOCIETY OF HIGHWAY ENGINEERS

MAY 1978

A.S.H.E. WELCOMES ANOTHER OHIO SECTION

Cuyahoga Valley Section Akron-Canton, Ohio

The newly formed section received its charter at its March 28, 1978 meeting at the Imperial House, North Canton, Ohio.

Prior to the presentation of the charter, Chuck Luff the President of the section announced the results of the election of officers.

President — Charles E. Luff

1st Vice-President — Thomas Mudd

2nd Vice-President — Thomas G. Criswell

Secretary — Guss Arrendale, Jr.

Treasurer — Charles E. Werling

Directors

One year term — Paul Scala

Two year term — David G. Fielder

Three year term — George G. Lockhart

The Cuyahoga Valley Section has 46 members with additional members signing

up weekly - meetings are being held on the 4th Tuesday of each month.

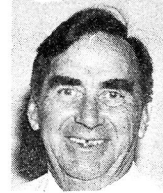
Chuck Luff introduced Joseph Martinelli, first Vice-President of A.S.H.E. and Gene Smith, National Director.

Gene Smith then gave a short talk about the back-ground of A.S.H.E. Then presented the pins and membership cards to Chuck Luff and intum Chuck passed them out to the members with the help of Guss Arrendale, Secretary of the Section.

Gene Smith then turned the podium over to the 1st Vice-President of A.S.H.E., Joseph Martinelli, who presented the Charter to Chuck Luff, President of the Section, who then duly installed the Section Officers with a prescribed ceremony.

Chuck Luff then announced the upcoming National Convention that will be held May 18, 19 and 20, 1978 in

continued on page 2



President's Message

**HAROLD C. POULSON, P.E.
NEW CUMBERLAND, PA.**

In 1958 I was asked to give a talk to a new organization in the Harrisburg area on a technical phase of highway construction. I was impressed by the diversity of the members of the group. There were Highway Department people, contractors, representatives of consulting engineering firms, material suppliers and others with an interest in road building and road maintenance. This organization was the first Section of the American Society of Highway Engineers.

The growth of the A.S.H.E. during its twenty years of existence attests to the soundness of the concept of this unique organization. Many of our members belong to professional or technical societies or organizations and associations in their own fields of endeavor. They find, however, that A.S.H.E. membership provides them with opportunities to associate with representatives of all phases of highway work. The contractor can meet with the designer, the consultant with the inspectional personnel, the supplier with the specification writer: all in informal situations on a friendly and first name basis.

The year 1958 had the further significance that it marked the inception of the Interstate Highway System Program. In the ensuing years highway work was expanded greatly; Highway Departments became Departments of Transportation; funds for highway work appeared to be adequate. The living was good. During the past five or six years some ominous clouds have appeared on the horizon. First came the anti-highway groups and the extremists in the environmental protection movements. Next came double digit inflation. Now in Pennsylvania, we are

continued on page 7

Gene Smith takes on new challenge



Reynolds Development has a new managing engineer. After almost a year's search, the board of trustees of the development announced that Gene G. Smith, 50, of 101 Boyd Drive, Hermitage, would take over running Reynolds Development on February 6.

The Reynolds Development is located between Sharon and Greenville, Pennsylvania and comprises most of the area that was known as Shenango Personnel Replacement Depot, a point of embarkation for the U.S. Troops, during World War II. The barracks were removed but some of the army warehouses remain intact. The railroad yards and the warehouses have been converted for private industry and several hundred acres remain for industrial development. The area that

continued on page 3