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Rose, Jerry G., b. 1943 (MSS 695)

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Manuscripts & Folklife Archives
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Descriptive Inventory

MSS 695 ROSE, Jerry G., b. 1943

5 boxes. 58 folders. 784 items. 1891-2006. Originals and photocopies

2007.216.1

BIOGRAPHICAL NOTE

Jerry G. Rose was born in Lexington, Kentucky, on 27 October 1943, the son of David Edgar Rose (1903-1995) and Myrtle L. (Richardson) Rose (1914-2007). He and his parents lived in Irvine, Kentucky. He received his Bachelor's (1966) and Masters (1967) degrees in civil engineering from the University of Kentucky and his PhD in civil engineering from the Texas A&M University in 1971. He accepted a faculty position in the Civil Engineering program at the University of Kentucky in 1972 and remains in that position. While working on his Master's degree, Rose worked as a research assistant in the UK's Civil Engineering department, a position sponsored by Gripstop Corporation, one of the groups involved in asphalt mining in Edmonson County, Kentucky. In 1968 he worked as a research engineer for the same company, prior to pursuing his doctorate degree at Texas A&M. Early in Rose's career at UK, he continued to publish and pursue research related to the asphalt industry in Kentucky and participated in a number of research studies related to skidding on asphalt and other highway surfaces. Later, Rose pursued other research areas, including: transportation engineering with an emphasis on railroads, civil engineering construction materials and construction methodology, and utilization of coal waste production in mining and construction. His teaching areas included materials used in construction and transportation projects, railroad engineering and transportation in general.

Dr. Rose was an active scholar and received numerous grants and contracts and produced dozens of refereed scholarly articles and technical reports related to his scholarly interests. His work was recognized with an Industry Achievement Award from the National Asphalt Pavement Association in 1982, the Howard Roberts Special Service Award from the Kentucky Ready Mixed Concrete Association in 1990, and a Distinguished Service Award from the Asphalt Institute in 1990, and the Lifetime Achievement Award from the Railway Engineering Conference Committee in 2019.

Rose married Patsy Killian, and they had two sons: Phillip G. and Timothy G.

COLLECTION NOTE

Dr. Jerry G. Rose, professor of engineering at the University of Kentucky, compiled this collection of materials related to asphalt mining in Edmonson County, Kentucky, particularly at

Kyrock by the Kentucky Rock Asphalt Company. It also contains material from various research topics related to asphalt and road construction, particularly testing that indicated how different asphalt materials for roads helped prevent skidding. Besides the Kyrock trade name, others represented here include Kentucky Rock Asphalt, Gripstop Corporation, and Highway Safety Materials, Inc., The collection includes a significant number of materials created by Kyrock's public relations offices, including advertisements and written stories from trade publications that catered to road builders.

Box 1, Folders 2-9 contain Rose's correspondence. It is almost exclusively related to road construction and more specifically to use of Kyrock, or Edmonson County asphalt rock or tar sand products, in that endeavor. Most of the correspondence is with corporate leaders who ran Kyrock or with Rose's colleagues at the University of Kentucky. Folders 10-12 contain a draft of a paper titled "Kentucky Rock Asphalt: Former Uses and Petroleum Potential" written by Rose in 1976 for intended publication in *Oil & Gas Journal*. Folder 11 contain carefully typed research notes on index cards that are categorized by subject, and Folder 12 contains a significant number of index cards that include bibliographic references to the same piece. Interestingly, Rose arranged those alphabetically by the title, not by author. The later were photocopied for preservation and space reasons.

Box 2 contains correspondence of administrators related to Kyrock and associated businesses, chiefly Gripstop Corporation, and other administrative files. A few of the items included Jerry Rose as recipient of a copy, but he was not the chief correspondent. Folder 1 is general correspondence which deals with matters as early as 1925, but most of the material dates from the 1960s and early-1970s. Folder 2 includes the correspondence of John W. Hutchinson, who served as a consultant to Gripstop Corporation and was a professor of Civil Engineering at the University of Kentucky. Gripstop Corporation frequently called on Hutchinson to examine projects prior to work and while in-progress and make reports. He was also a tireless researcher on the subject of skidding on asphalt surfaces. Folder 3 includes the correspondence of Charles G. Dietz, a civil engineering student at the University of Kentucky and employee of Gripstop. He frequently makes reports of in-progress projects for Gripstop. Folder 4 houses specifications for state and federal roads and bridges in Kentucky. Folders 5 and 6 include job proposals for research, chiefly on skidding, made by University of Kentucky faculty. Also includes some summaries of current research, and status reports of research supported by Gripstop Corporation.

Box 3 contains public relations material for Kyrock. Folders 1 through 11 contain tear sheets or advertisements prepared by Kyrock for trade publications or short articles that were the result of press releases distributed by Kyrock. This material has been arranged chronologically by date of publication. Some advertisements list the publications in which these promotional pieces appeared and the dates. Some ads were placed in as many as ten different publications, typically road construction trade publications in the south. Folder 12 includes news clippings chiefly from newspapers about Kyrock and its projects. Folder 13 includes a script for a short film feature titled "The Forgotten Killer" which relates to skidding on highway surfaces and how accidents could be reduced if the proper surfacing material was used. It was written for Gripstop Corporation in 1966.

Box 4, Folders 1 and 2 include scholarly and technical articles related to rock asphalt and tar sands. Folder 3 includes technical reports, studies, and short articles about skidding on highway surfaces. Most of this material was produced by or for Gripstop Corporation.

Box 5 includes technical reports related to the asphalt industry, particularly the mining operations at Kyrock, Edmonson County, Kentucky, and technical reports about skidding on highway surfaces and the testing required to produce that information. These reports have been arranged chronologically.

SHELF LIST

BOX 1	Inventory and Correspondence	1966-2006	218 items
Folder 1	Inventory		1 item
Folder 2	Correspondence – Jerry G. Rose	1966	9 items
Folder 3	Correspondence – Jerry G. Rose	Feb-Apr 1967	14 items
Folder 4	Correspondence – Jerry G. Rose	May-Dec 1967	36 items
Folder 5	Correspondence – Jerry G. Rose	Jan-Jun 1968	51 items
Folder 6	Correspondence – Jerry G. Rose	Jul-Dec 1968	48 items
Folder 7	Correspondence – Jerry G. Rose	1969-1971	8 items
Folder 8	Correspondence – Jerry G. Rose	1973-1975	46 items
Folder 9	Correspondence – Jerry G. Rose	1979-2006	5 items
BOX 2	Correspondence	1919-1974	146 items
Folder 1	General correspondence	1925-1974	39 items
Folder 2	Correspondence – John W. Hutchinson	1926-1969	36 items
Folder 3	Correspondence – Charles G. Dietz	1967	19 items
Folder 4	Kentucky Department of State Roads – Specifications	1919-1967	20 items
Folder 5	Work proposals, programs	1966-1968	18 items
Folder 6	Job proposals by Department of Highways	1966-1967	14 items

BOX 3	Publicity Material	1907-1981	359 items
Folder 1	Tear sheets for promotional articles and ads about Kyrock	1907-1926	8 items
Folder 2	Tear sheets for promotional articles and ads about Kyrock	Jan-Jun 1927	47 items
Folder 3	Tear sheets for promotional articles and ads about Kyrock	July-Dec 1927	34 items
Folder 4	Tear sheets for promotional articles and ads about Kyrock	Jan-Jun 1928	41 items
Folder 5	Tear sheets for promotional articles and ads about Kyrock	July-Dec 1928	31 items
Folder 6	Tear sheets for promotional articles and ads about Kyrock	1929	19 items
Folder 7	Tear sheets for promotional articles and ads about Kyrock	1930	27 items
Folder 8	Tear sheets for promotional articles and ads about Kyrock	1931	8 items
Folder 9	Tear sheets for promotional articles and ads about Kyrock	1932	10 items
Folder 10	Tear sheets for promotional articles and ads about Kyrock	1933-1969	29 items
Folder 11	Tear sheets for promotional articles and ads about Kyrock	n.d.	33 items
Folder 12	News articles about Gripstop Corporation and Kyrock	1927-1981	71 items
Folder 13	“The Forgotten Killer” script for a short feature on skidding and highway safety	1966	1 item
BOX 4	Asphalt Related Publications	1891-1991	32 items
Folder 1	Scholarly and technical articles about asphalt rock and tar sands	1891-1963	14 items

Folder 2	Scholarly and technical articles about asphalt rock and tar sands	1973-1991	9 items
Folder 3	Articles, studies and reports related to skidding on highway surfaces	1933-1966	9 items
BOX 5	Asphalt Related Publications	1919-1976	29 items
Folder 1	“The Road to Fort Knox”	[1919]	1 item
Folder 2	“Kentucky Rock Asphalt Both Natural and Prepared” thesis by Laurence R. Burroughs	1926	1 item
Folder 3	“The Occurrence, Production, and Use of Rock Asphalts with Particular Reference to the Asphaltic Sandstones of Kentucky” thesis by H. St. G. T. Carmichael	1932?	1 item
Folder 4	Processed Kyrock Hot and Cold Mix, Non-skid Surface	1933	1 item
Folder 5	“Kentucky Rock Asphalt for Modern Tennis Courts, Playgrounds, Sidewalks, and Recreation Areas	1939	2 items
Folder 6	“High Type Asphalt Pavements Can Be Built Practically Skidproof”	1934	1 item
Folder 7	“Kentucky Rock Asphalt Specification and Designs for its many uses in Construction and Maintenance”	1937	1 item
Folder 8	“Natural Sandstone Rock Asphalt” <i>Engineering Bulletin</i> , Purdue University	1941	1 item
Folder 9	“Kentucky Natural Sandstone Rock Asphalt: Specifications and Designs for Its Many Uses in Construction and Maintenance”	1944	1 item
Folder 10	“1944 Valuation of the Mineral and Associated Real Properties of the Kentucky Rock Asphalt Company”	1944	1 item

Folder 11	“A Preliminary Report of the Performance of Kentucky (Natural Sandstone) Rock Asphalt”	1955	1 item
Folder 12	“A Study of the Properties and Performance of Kentucky (Natural Sandstone) Rock Asphalt,” Report 2	1956	1 item
Folder 13	“A Study of the Polishing Characteristics of Limestone and Sandstone Aggregates in Regard to Pavement Slipperiness”	1958	1 item
Folder 14	“Construction Report on Experimental Use of Natural, Bituminous, Quartz Sandstone (Kentucky Rock Asphalt) as a Traffic-Bound Aggregate”	1962	1 item
Folder 15	“Pavement Slipperiness Studies”	1962	1 item
Folder 16	“Kentucky Rock Asphalt, Traffic-Bound Bases”	1964	1 item
Folder 17	“Kentucky Rock Asphalt Bases and Hot-Mix Surfaces: Experimental Construction”	1966	1 item
Folder 18	“Technical Introduction to Gripstop for Skid Resistant Road and Runway Surfaces”	1967	1 item
Folder 19	“Modified Kentucky Rock Asphalt (Gripstop), Hot-Mix, Skid Resistant Road Surfacing Material”	1967	1 item
Folder 20	“Kentucky Rock Asphalt Hot-Mix Surfaces”	1968	1 item
Folder 21	“Aggregate Shape and Skid Resistance, Interim Report”	1971	1 item
Folder 22	“Study of the Wear Characteristics and Skid Resistance of Selected Asphalt Concrete Overlap”	1971	1 item
Folder 23	“Field Evaluation of Skid Resistant Surfaces	1971	1 item
Folder 24	“Skid Resistance of Pavements”	1972	1 item
Folder 25	“Condition Survey and Performance Evaluation of Modified Kentucky Rock Asphalt Surfaces on Kentucky Highways”	1973	2 items
Folder 26	“Tar Sands (Rock Asphalt) of Kentucky – A Review”	1976	1 item

Folder 27 "Sandstone Rock Asphalt" n.d. 1 item

BIBLIOGRAPHIC RECORD

MSS ROSE, Jerry G., b. 1943 1891-2006
695

Correspondence and research material gathered by civil engineer Jerry G. Rose that related to the asphalt mining operation at Kyrock, Edmonson County, Kentucky. Also includes information about the use of the asphalt. Includes extensive publicity material produced by Kyrock and Gripstop Corporation.

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SUBJECT ANALYTICS

Asphalt industry – Edmonson County

Asphalt rock

Borud, Arthur Gerald, 1931-2017 B2,F1-3

Burroughs, Laurence R., 1899-1976 B5,F1

Carmichael, Henry St. George Tucker, 1907-1981 B5,F3

Dietz, Charles G. – Correspondence B2,F3

“Forgotten Killer” (script) B3,F13

Florman, Cornelius Francis “Neil” – Correspondence B2,F1-2

Fort Knox – Mentioned B5,F1

Frechette, Fred L., d. 2009 – Letter to B2,F2

Kyrock – Edmonson County

Kyrock – Edmonson County – Public relations B3

Gripstop Corporation – Edmonson County

Hallwood, Dick B2,F1 zzz

Hutchinson, John W., - Correspondence B2,F2

Messinger, H. T. – Correspondence B2,F1 zzz

Moody, Thomas J. – Correspondence B2,F1-3

Oil sands – Edmonson County – Relating to B4,F1-2

Road construction

Rose, Jerry G., b. 1943 – Correspondence B1,F2-9

Roads – Design and construction

Roads – Design and construction – Kentucky – Relating to B2,F4-6

Scripts B3,F13

Skidding B2,F5; B4,F3; B5
Tennis courts – Relating to B5,F5

Jeffrey 04/30/2020