1995
STORMWATER MANAGEMENT MASTER PLAN

Prepared for

THE CITY OF

MANHATTAN

KANSAS

The Little Apple

by

Burns & McDonnell
ENGINEERS - ARCHITECTS - CONSULTANTS

BG CONSULTANTS, INC.
Engineers - Architects - Surveyors

Manhattan, Ks. • Hutchinson, Ks • Emporia, Ks. • Lawrence, Ks.

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MANHATTAN
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The Little Apple

MANHATTAN, KANSAS
STORMWATER MANAGEMENT PLAN

BG CONSULTANTS, INC.
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May 1995

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May 1, 1995

Mr. Jerry Petty, P.E.
Director of Community Development
1101 Poyntz
Manhattan, Kansas 66502

City of Manhattan, Kansas
Stormwater Management Master Plan

Dear Mr. Petty:

BG Consultants, Inc. and Burns & McDonnell Engineers are pleased to present this final report to the City of Manhattan setting forth our analysis of the performance capability of the existing major storm drainage system; recommendations for improvements to the existing facilities; suggestions for policy revisions; review of financing alternatives for improvements; and suggestions for revisions to the stormwater utility rate structure as a source of funding. In addition, an updated Stormwater Design Criteria Manual is included as an appendix to this report. This work has been accomplished as authorized by Manhattan under our March 9. 1993 agreement.

We wish to thank you, Mr. Jack Messer and other members of the City's engineering and planning staffs, members of the City Commission, and residents of the community for input and assistance throughout the process. The information made available to us and the informed review and consultation as interim reports were presented were instrumental in the successful completion of the study.

We trust that this study and the companion system computer models will be of continuing value to Manhattan in your management and improvement of the City's storm drainage system.

Sincerely,

J. Patrick Cox, P.E.
BG Consultants, Inc.

Monty Prescott, P.E.
BG Consultants, Inc.

Dena E. Mezger, P.E.
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Enclosure

ACKNOWLEDGEMENT:

The cover photograph of the towering thunderhead was taken by
Wanda Schumacher at Louisville, Kansas
looking west toward Manhattan.

MANHATTAN, KANSAS
STORMWATER MANAGEMENT PLAN
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