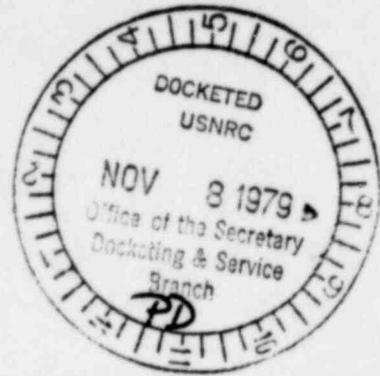


UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION
BEFORE THE COMMISSION



In the Matter of
DUKE POWER COMPANY

(Amendment to Materials License
SNM-1773 for Oconee Nuclear Station
Spent Fuel Transportation and Storage
at McGuire Nuclear Station)

Docket No. 70-2623

TRANSMITTAL OF ROUTING
INFORMATION TO THE COMMISSION

By Order of November 2, 1979, the Commission directed the NRC Staff to make the presently protected route information in this proceeding available immediately to the Commission.

The Staff is hereby serving upon the Commission only through Chase R. Stephens, Chief, Docketing and Service Branch, Office of the Secretary of the Commission twenty (20) copies of the following:

Proposed Transportation Routes Oconee to McGuire (written route description - 1 sheet);

A cover sheet, package of eight (8) maps presenting routes and a Route Summary (10 sheets).

By service of this transmittal, the other parties to the proceeding are informed that distribution has been made. Upon receipt of executed affidavits from other parties, the Staff will also transmit the above-described materials to them.

Respectfully submitted,

Richard K. Hoefling
Richard K. Hoefling
Counsel for NRC Staff

Dated at Bethesda, Maryland
this 7th day of November, 1979

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PROPOSED TRANSPORTATION ROUTES OCONEE TO MCGUIRE
Docket No. 70-2623

(Description follows by highway number Oconee to McGuire)

Approved Routes

Duke Alternate Route A
Staff Approved Option 3

1. S.C. 130 to U.S. 123
2. U.S. 123 to S.C. 153
3. S.C. 153 to INTERSTATE 85
4. INTERSTATE 85 to S.C. 18
5. N.C. 18 to N.C. 180
6. N.C. 180 to N.C. 150
7. N.C. 150 to N.C. 321
8. N.C. 321 to N.C. 27
9. N.C. 27 to N.C. 73
10. N.C. 73 to McGuire

Duke Alternate C
Staff Option 2

1. S.C. 130 to S.C. 183
2. S.C. 183 to S.C. 11
3. S.C. 11 to INTERSTATE 85
4. INTERSTATE 85 to S.C. 18
5. N.C. 18 to N.C. 180
6. N.C. 180 to N.C. 150
7. N.C. 150 to N.C. 321
8. N.C. 321 to N.C. 27
9. N.C. 27 to N.C. 73
10. N.C. 73 to MCGUIRE

Duke Alternate D
Staff Option 1

1. S.C. 130 to U.S. 123
2. U.S. 123 to S.C. 153
3. S.C. 153 to INTERSTATE 85
4. INTERSTATE 85 to N.C. 273
5. N.C. 273 to N.C. 16
6. N.C. 16 to N.C. 73
7. N.C. 73 to McGuire

Disapproved Routes

Primary Route

1. S.C. 130 to U.S. 123
2. U.S. 123 to S.C. 153
3. S.C. 153 to INTERSTATE 85
4. INTERSTATE 85 to INTERSTATE 77
5. INTERSTATE 77 to N.C. 73
6. N.C. 73 to McGuire

Duke Alternate B
(Weight Restriction)

1. S.C. 130 to U.S. 123
2. U.S. 123 to S.C. 153
3. S.C. 153 to INTERSTATE 85
4. INTERSTATE 85 to U.S. 321
5. U.S. 321 to N.C. 27
6. N.C. 27 to N.C. 73
7. N.C. 73 to McGuire

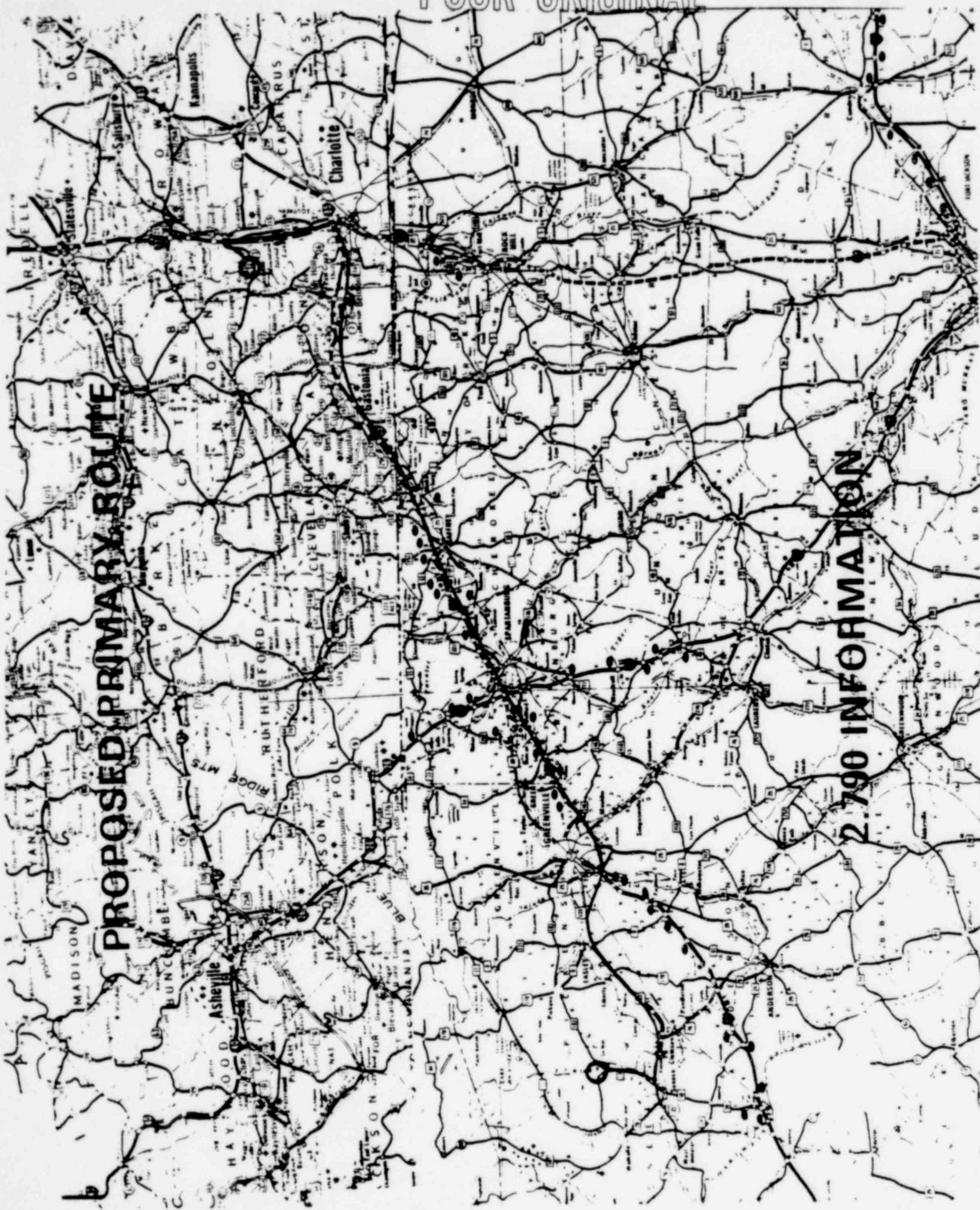
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**SPENT FUEL
TRANSPORTATION AND STORAGE
OCONEE/McGUIRE ALTERNATIVE ROUTES**

Docket No. 70-2623

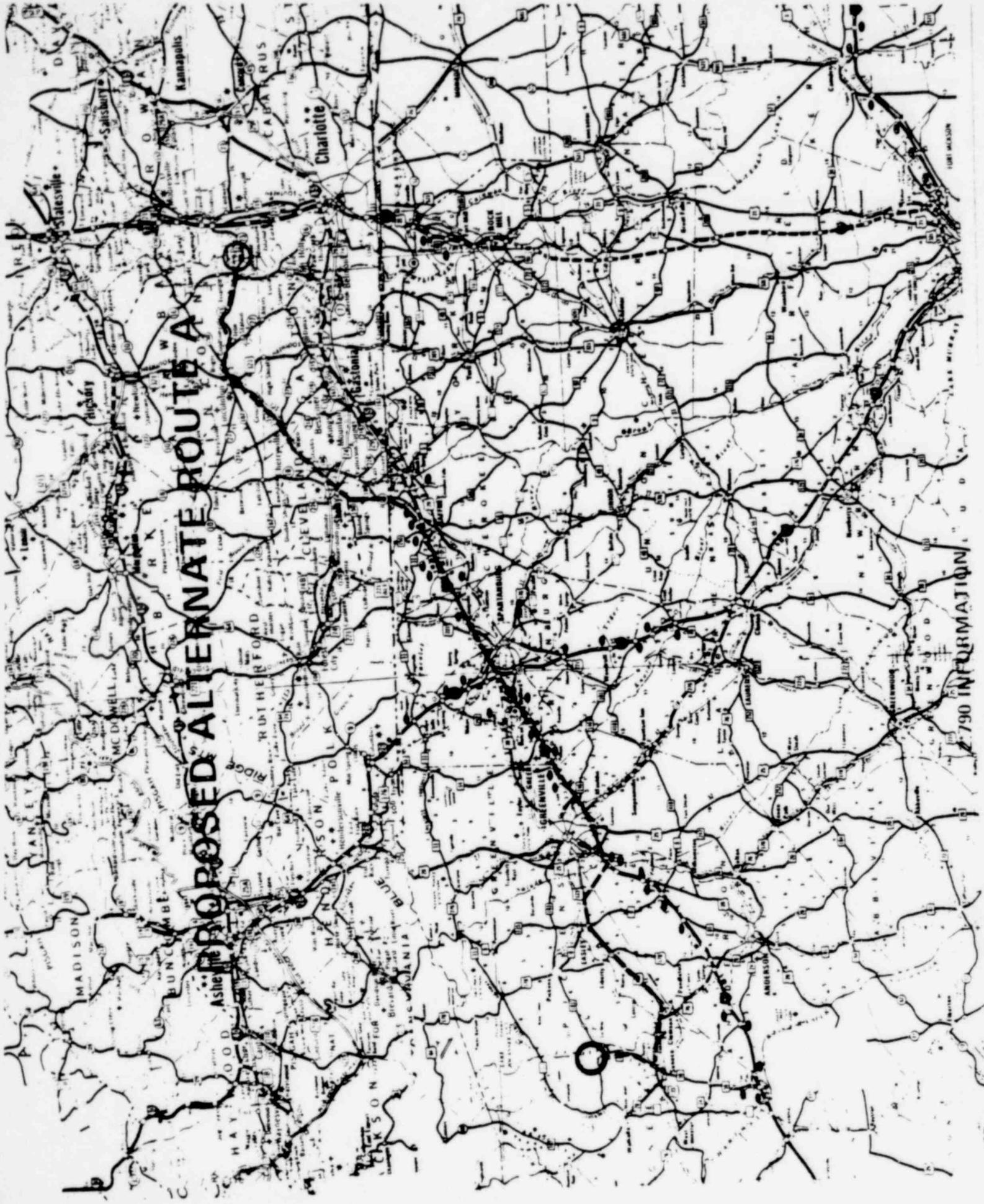
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POOR ORIGINAL



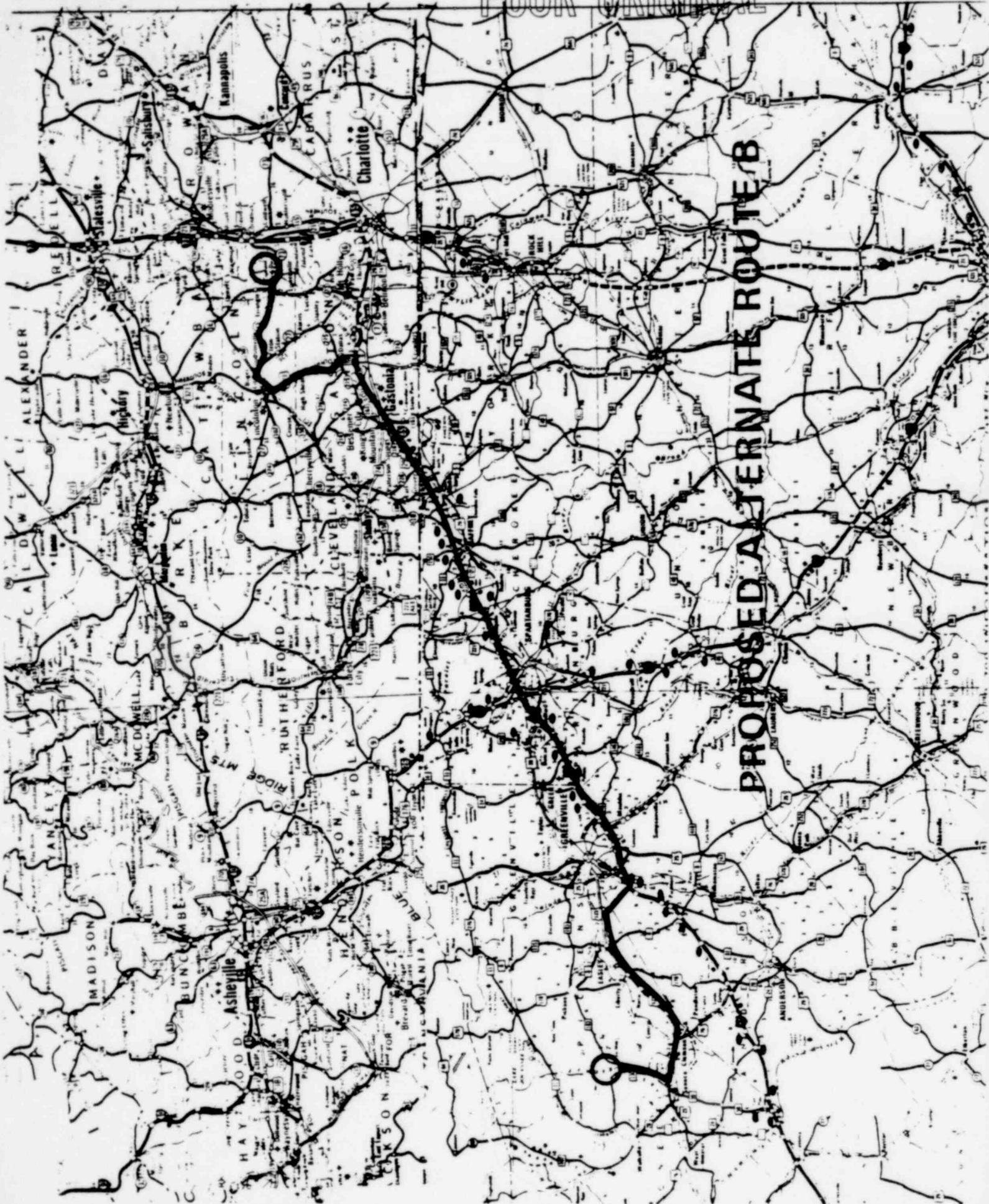
PROPOSED PRIMARY ROUTE

2,790 INFORMATION



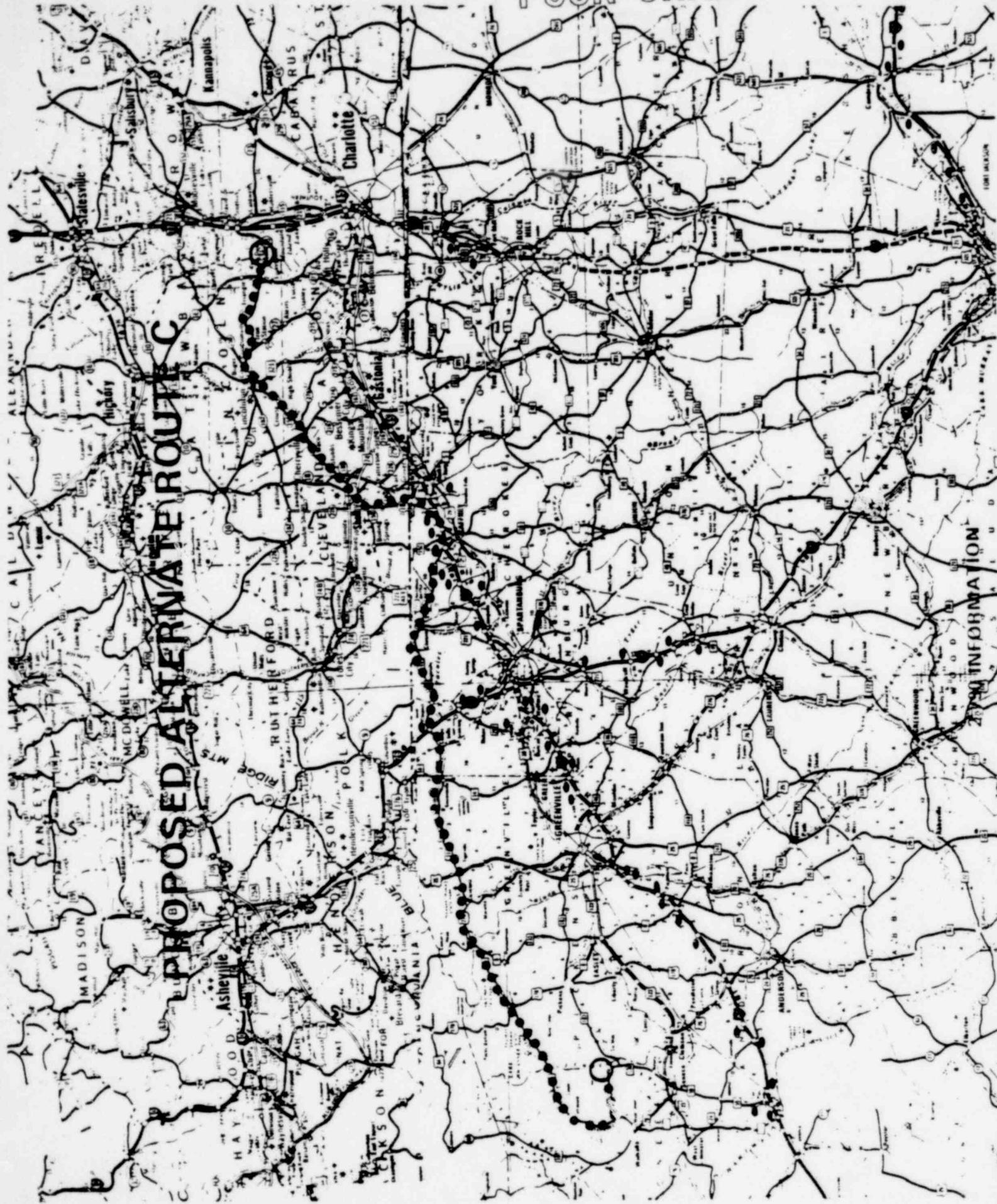
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POOR ORIGINAL



PROPOSED ALTERNATE ROUTE B

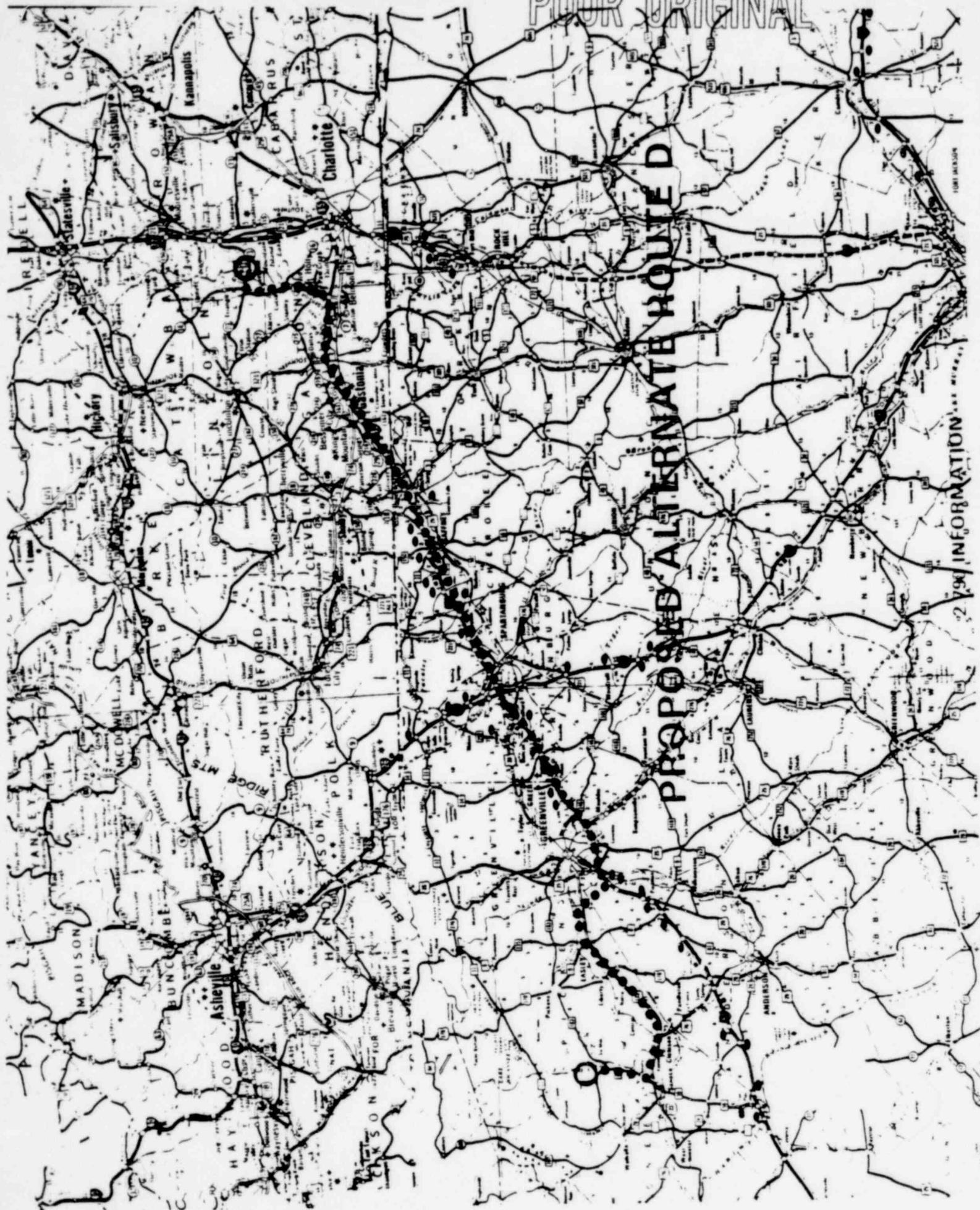
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PROPOSED ALTERNATE ROUTE C

FOR INFORMATION

POOR ORIGINAL



PROPOSED ALTERNATE ROUTE

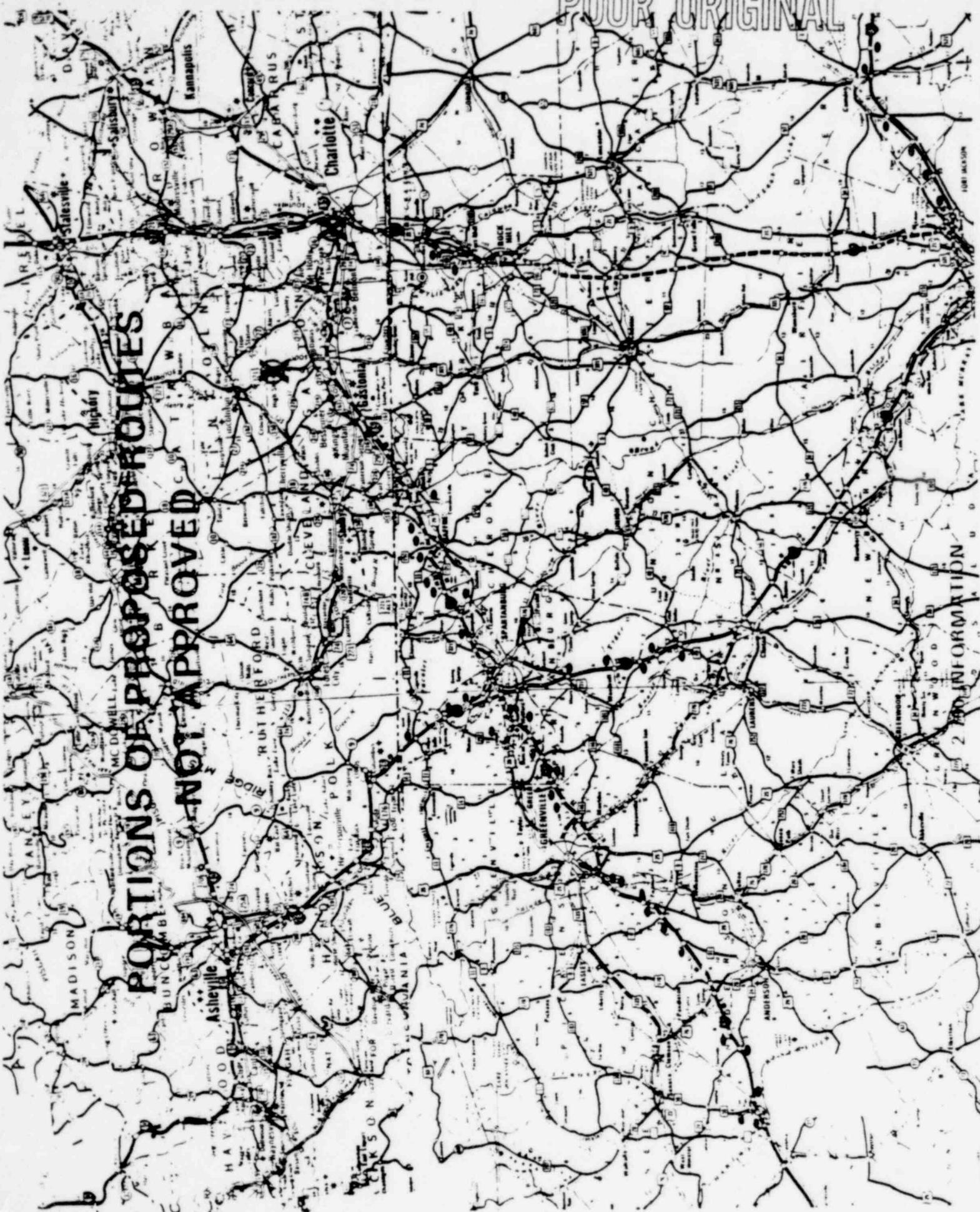
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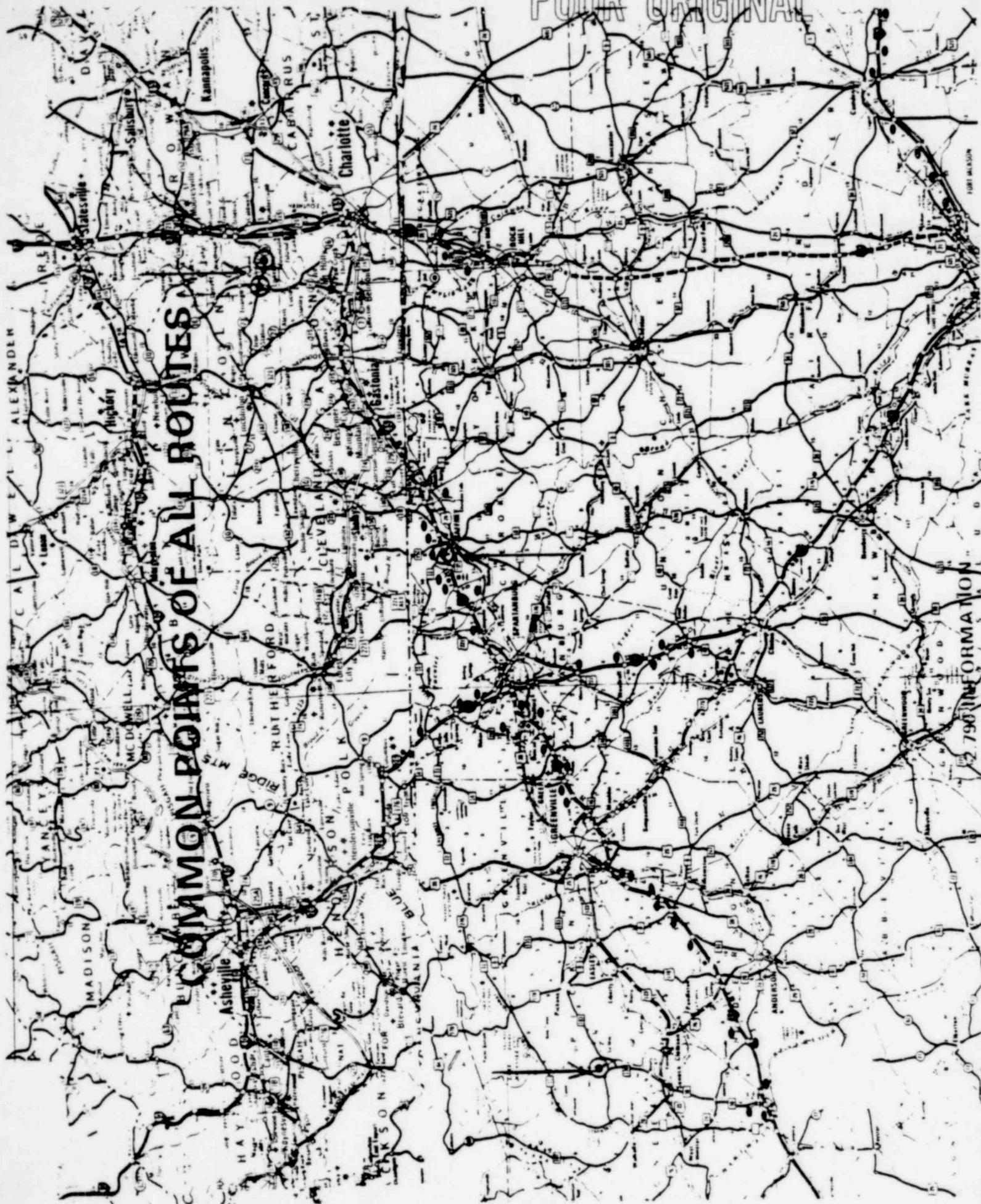
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PORTIONS OF PROPOSED ROUTES
NOT APPROVED

NO INFORMATION



POOR ORIGINAL



COMMON POINTS OF ALL ROUTES

790 INFORMATION

ROUTE SUMMARY

Duke Proposal

Primary
Alternate A
Alternate B
Alternate C
Alternate D

NRC Action

Disapproved
Approved — Option 3
Weight Restriction
Approved — Option 2
Approved — Option 1

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