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DESIGNATION OF
CLASS I RAILROAD
1976

PRELIMINARY STANDARDS, CLASSIFICATION, AND DESIGNATION OF LINES OF CLASS I RAILROADS IN THE UNITED STATES



**A REPORT
BY
THE SECRETARY OF TRANSPORTATION**

VOLUME II

Submitted in Accordance with Section 503 of the
Railroad Revitalization and Regulatory Reform
Act of 1976 (P.L. 94-210)

U.S. DEPARTMENT OF TRANSPORTATION

AUGUST 3, 1976

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**Preliminary Standards, Classification,
and Designation of Lines of
Class I Railroads in the United States**

A Report

By

The Secretary of Transportation

August 3, 1976

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Railroad Revitalization and Regulatory Reform
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U.S. Department of Transportation

VOLUME II

Volume II contains preliminary designations of all Class I railroad lines in the United States based upon the standards developed in Volume I. The railroad network structure of each state (except Alaska and Hawaii) is graphically displayed. In cases where structural complexity requires considerable detail, the state network structures are divided (e.g., Illinois(N) and Illinois(S); the Spokane Insert). Two types of maps for each state are used to depict different information concerning its network structure and are presented on facing pages in this volume. Map A identifies individual rail lines and Map B depicts mainline/branchline designations of the lines. There are also traffic density tables so that the density category of individual rail lines can be determined. The graphic displays and traffic density information are presented in two sections.

Section I: State Railroad Network Maps

Map A - a computer-based map of the state rail network with line identification. Identification is made using a preliminary line identification code (PLIC). The PLIC consists of a 5 digit code incorporating an alphabetical abbreviation of the owning railroad and a sequence number (e.g., LN016). In cases where more than one carrier owns portions of the line, an "XX" is utilized (e.g., XX015). All rail lines are identified except in urban areas (e.g., Chicago) and complex junction areas. In these cases, lines are aggregated to one specific point or line.

Map B - a computer-based map of all rail lines displayed on Map A providing mainline/branchline designations as well as major cities and towns. The color coding for the designations is as follows:

| | |
|--------------------------------------|--------------|
| A Mainlines | red |
| Potential A Mainlines | green |
| B Mainlines | blue |
| A Branchlines | black |
| B Branchlines | dashed black |
| Defense-Essential Branchlines | dotted black |
| Lines operated by Class II railroads | gray |

Section II: Line Density Tables

The traffic density category of each rail line displayed on Map A is listed by PLIC. The traffic density is in gross tonnage and is based upon information provided by all Class I carriers as required by Section 503. The density category describes one of six ranges of density, expressed in millions of gross tons:

| Density Range | Density Range Code |
|----------------------------------|--------------------|
| less than 1 (million gross tons) | 1 |
| at least 1 but less than 5 | 2 |
| at least 5 but less than 10 | 3 |
| at least 10 but less than 20 | 4 |
| at least 20 but less than 30 | 5 |
| 30 or more | 6 |

NOTE: NATIONAL NETWORK MAP LOCATED ON INSIDE OF BACK COVER

SECTION I
STATE RAILROAD NETWORK MAPS

MAP A REFERENCE TABLE

Class I Railroad Codes Used In The Preliminary Line Identification Code








| RR ABBREV. | RAILROAD NAME | RR ABBREV. | RAILROAD NAME |
|------------|--------------------------------------|------------|---|
| AA | ANN ARBOR (CONRAIL) | LI | LONG ISLAND |
| BAR | BANGOR & AROOSTOOK | LN | LOUISVILLE & NASHVILLE |
| BLE | BESSEMER & LAKE ERIE | LV | LEHIGH VALLEY (CONRAIL) |
| BM | BOSTON & MAINE | MEC | MAINE CENTRAL |
| BN | BURLINGTON NORTHERN | MKT | MISSOURI-KANSAS-TEXAS |
| BX | BALTIMORE & OHIO | MP | MISSOURI PACIFIC |
| CCX | CINCHFIELD | MW | CHICAGO, MILWAUKEE, ST. PAUL & PACIFIC |
| CEI | CHICAGO & EASTERN ILLINOIS | NS | NORFOLK SOUTHERN |
| CH | CHICAGO & NORTH WESTERN | NW | NORFOLK & WESTERN |
| CIM | CHICAGO & ILLINOIS MIDLAND | P | PENN CENTRAL (CONRAIL) |
| CNJ | CENTRAL R.R. OF NEW JERSEY (CONRAIL) | PLE | PITTSBURG & LAKE ERIE |
| CP | CANADIAN PACIFIC | PRSL | PENNSYLVANIA-READING SEASHORE (CONRAIL) |
| CS | COLORADO & SOUTHERN | RDG | READING (CONRAIL) |
| CV | CENTRAL VERMONT | RFP | RICHMOND, FREDRICKSBURG & POTOMAC |
| CX | CHESAPEAKE & OHIO | RI | CHICAGO, ROCK ISLAND & PACIFIC |
| DH | DELAWARE & HUDSON | SF | ATCHISON, TOPEKA & SANTE FE |
| DMI | DULUTH, MISSABE & IRON RANGE | SL | ST. LOUIS-SAN FRANCISCO |
| DRG | DENVER & RIO GRANDE WESTERN | SP | SOUTHERN PACIFIC |
| DTI | DETROIT, TOLEDO & IRONTON | SSW | ST. LOUIS SOUTHWESTERN |
| DTS | DETROIT, TOLEDO SHORE LINE | SX | SOO LINE |
| DWP | DULUTH, WINNIPEG & PACIFIC | SZ | SEABOARD COASTLINE |
| EJE | ELGIN, JOLIET & EASTERN | TM | TEXAS MEXICAN |
| EL | ERIE LACKAWANNA (CONRAIL) | TP | TEXAS & PACIFIC |
| FEC | FLORIDA EAST COAST | TPW | TOLEDO, PEORIA & WESTERN |
| FWD | FORT WORTH & DENVER | UP | UNION PACIFIC |
| GTW | GRAND TRUNK WESTERN | WM | WESTERN MARYLAND |
| ICG | ILLINOIS CENTRAL GULF (CONRAIL) | WP | WESTERN PACIFIC |
| ITC | ILLINOIS TERMINAL | ***** | ALL OTHER RAILROADS CLASS II/ STANDARD ABBREVIATION USED |
| KCS | KANSAS CITY SOUTHERN | | |
| LHR | LEHIGH & HUDSON RIVER | | |

*PRELIMINARY LINE IDENTIFICATION CODE

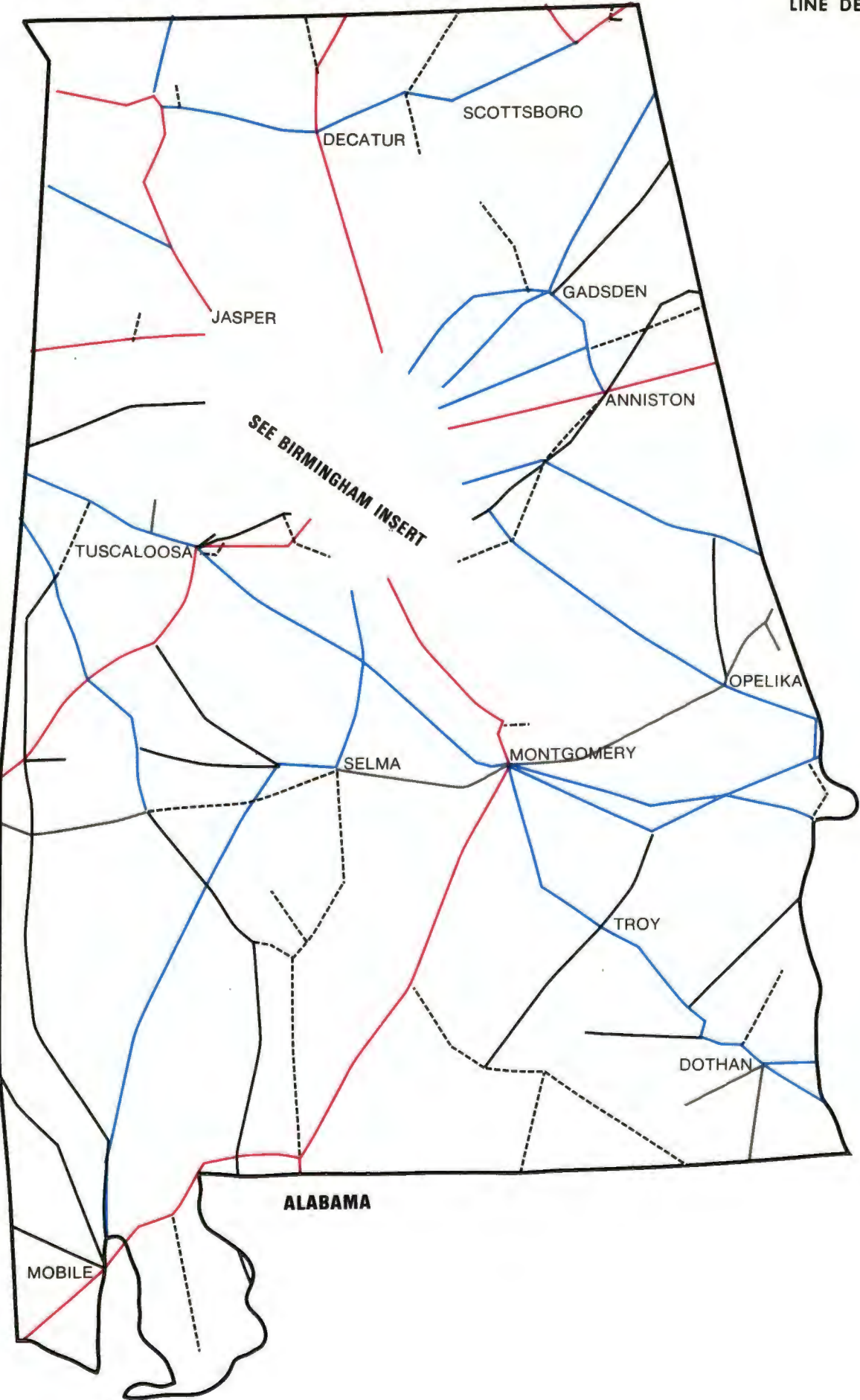
MAP B LEGEND FOR LINE DESIGNATIONS

COLOR

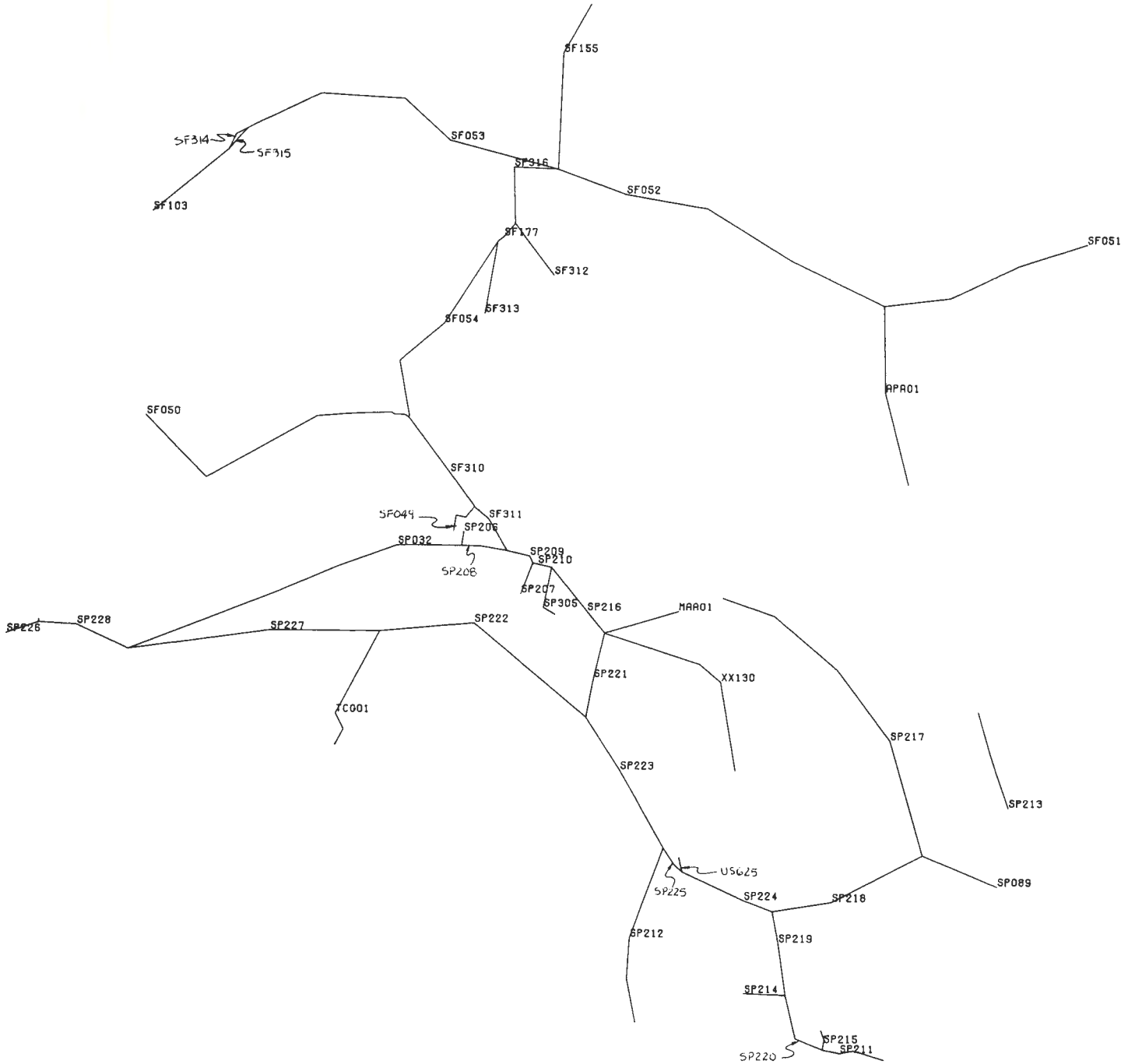
DESIGNATION

| | | |
|---|-------|------------------------------|
|  | ————— | A MAINLINE |
|  | ————— | POTENTIAL A MAINLINE |
|  | ————— | B MAINLINE |
|  | ————— | A BRANCHLINE |
|  | ————— | B BRANCHLINE |
|  | ————— | DEFENSE-ESSENTIAL BRANCHLINE |
|  | ————— | CLASS II LINES |

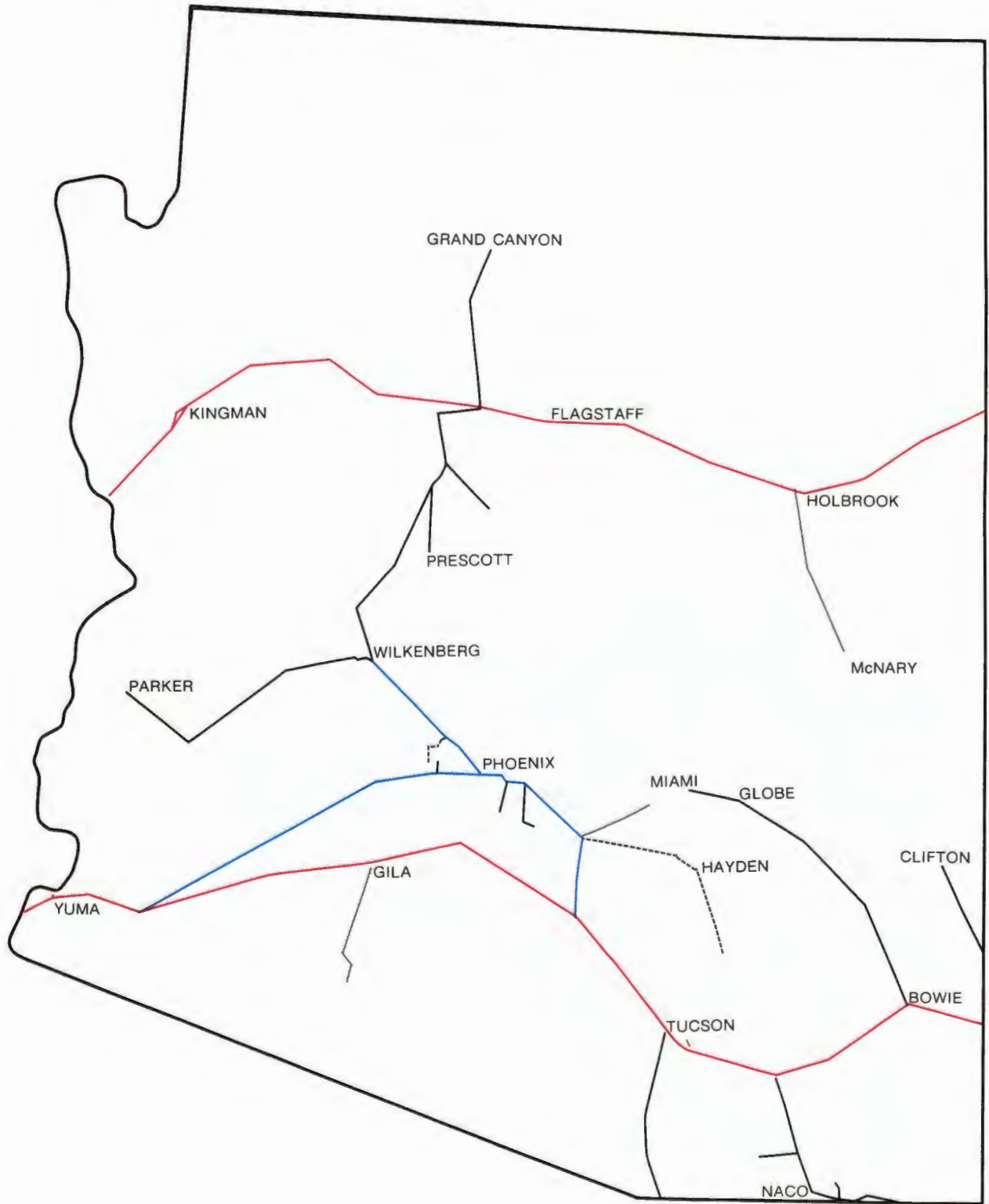
MAP 1B: ALABAMA
LINE DESIGNATIONS

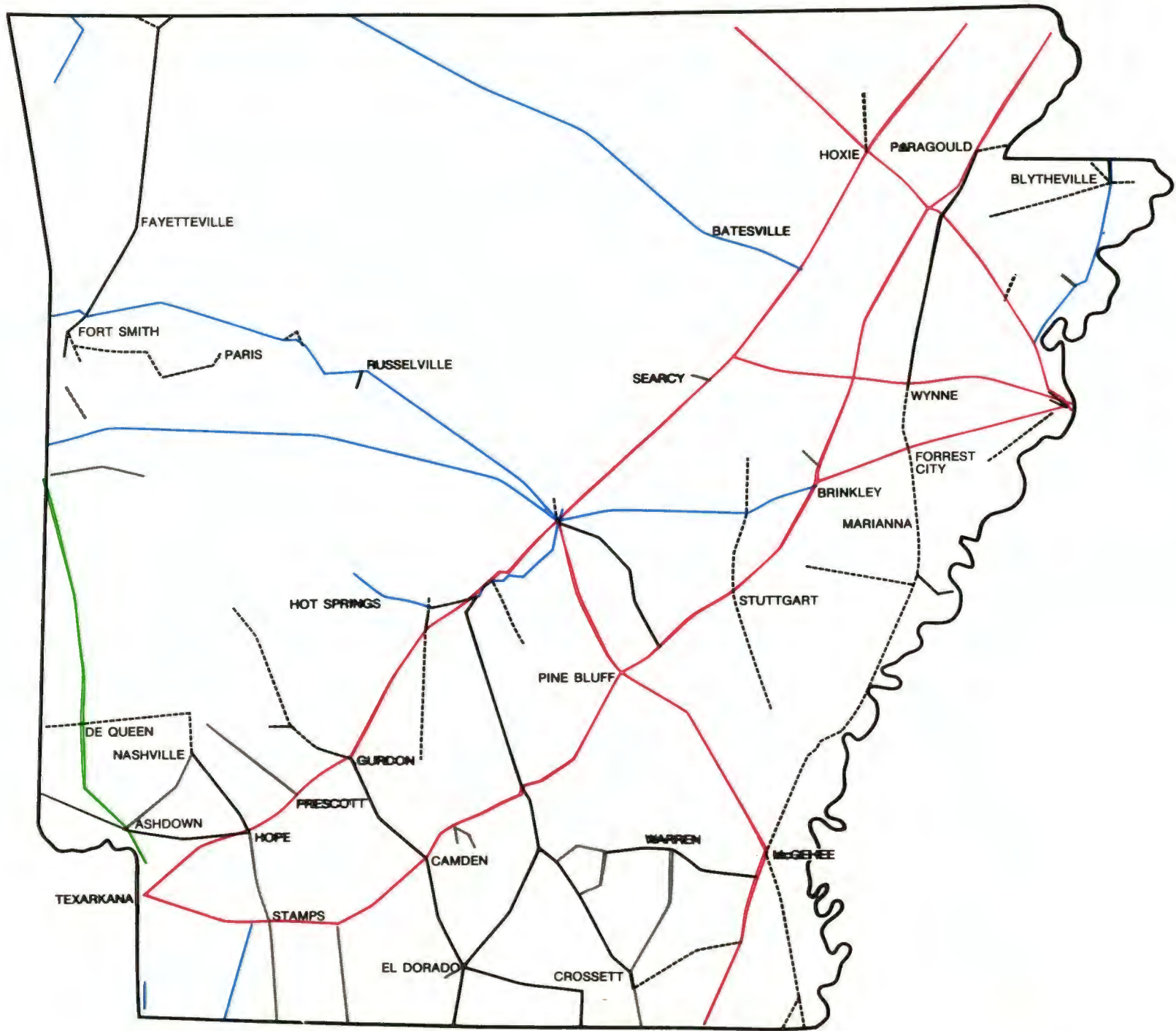


MAP 2A: ARIZONA
LINE IDENTIFICATION



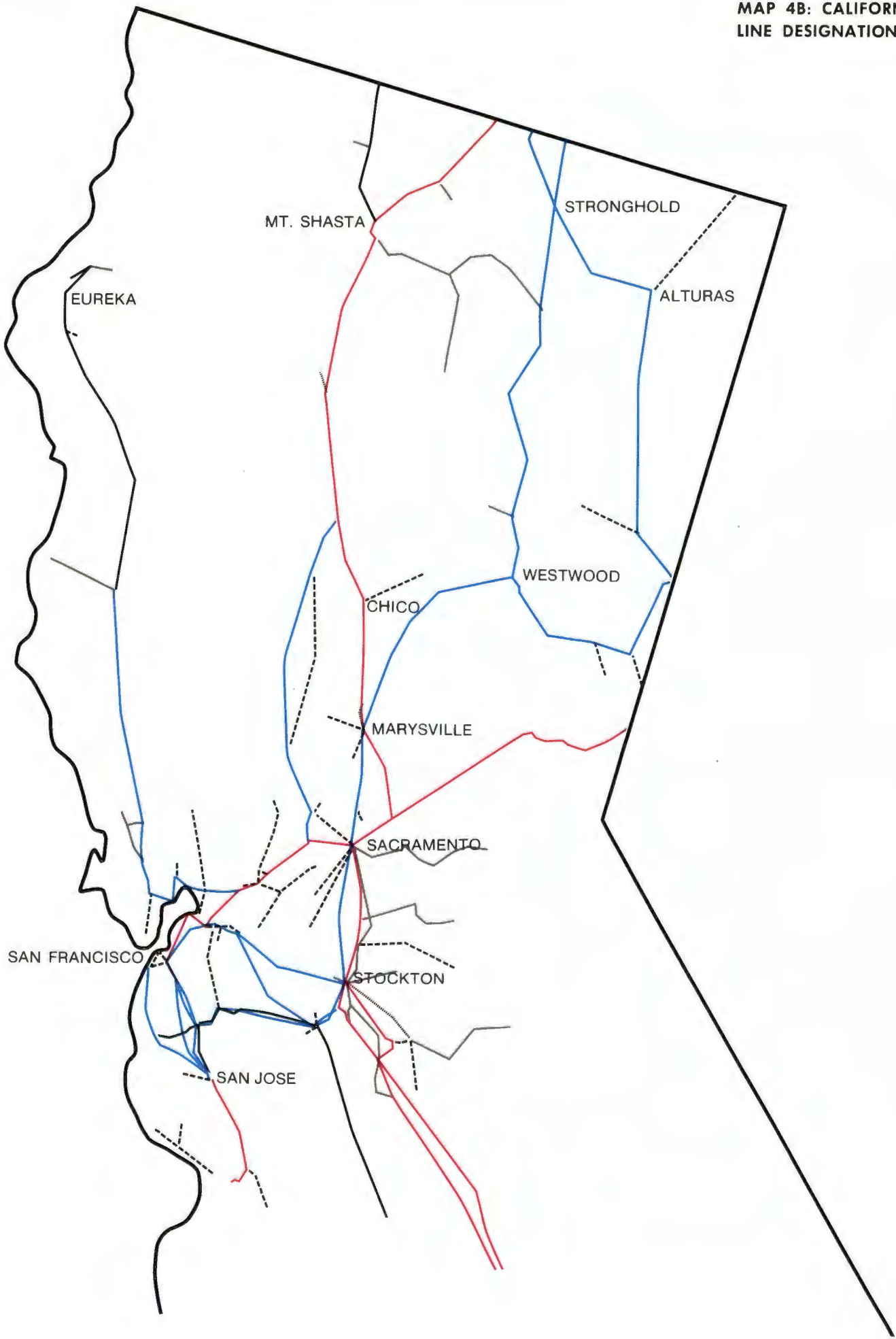
MAP 2B: ARIZONA
LINE DESIGNATIONS





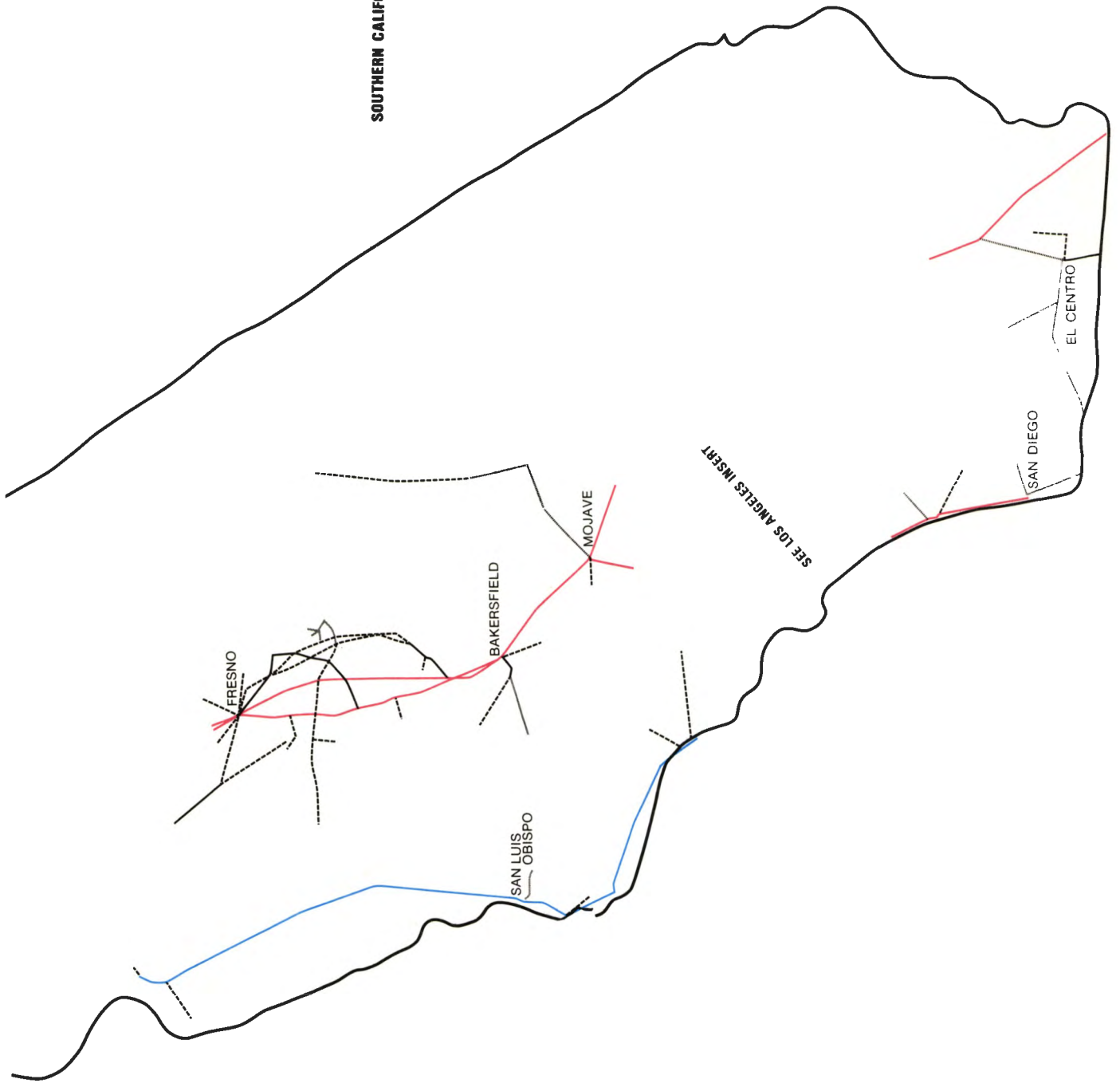
MAP 38: ARKANSAS
LINE DESIGNATIONS

MAP 4B: CALIFORNIA (N)
LINE DESIGNATIONS

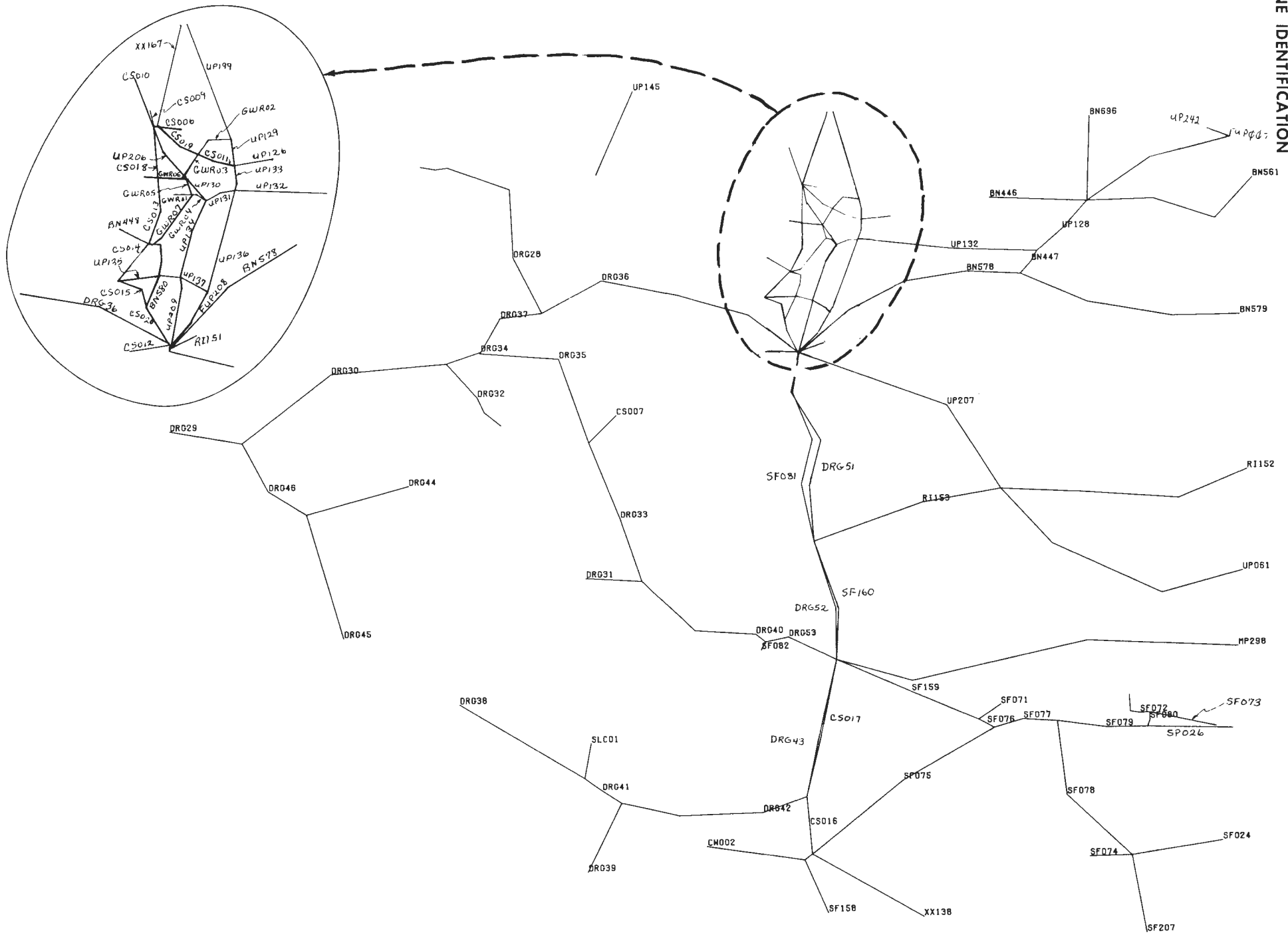


MAP 5B: CALIFORNIA (S)
LINE DESIGNATIONS

SOUTHERN CALIFORNIA

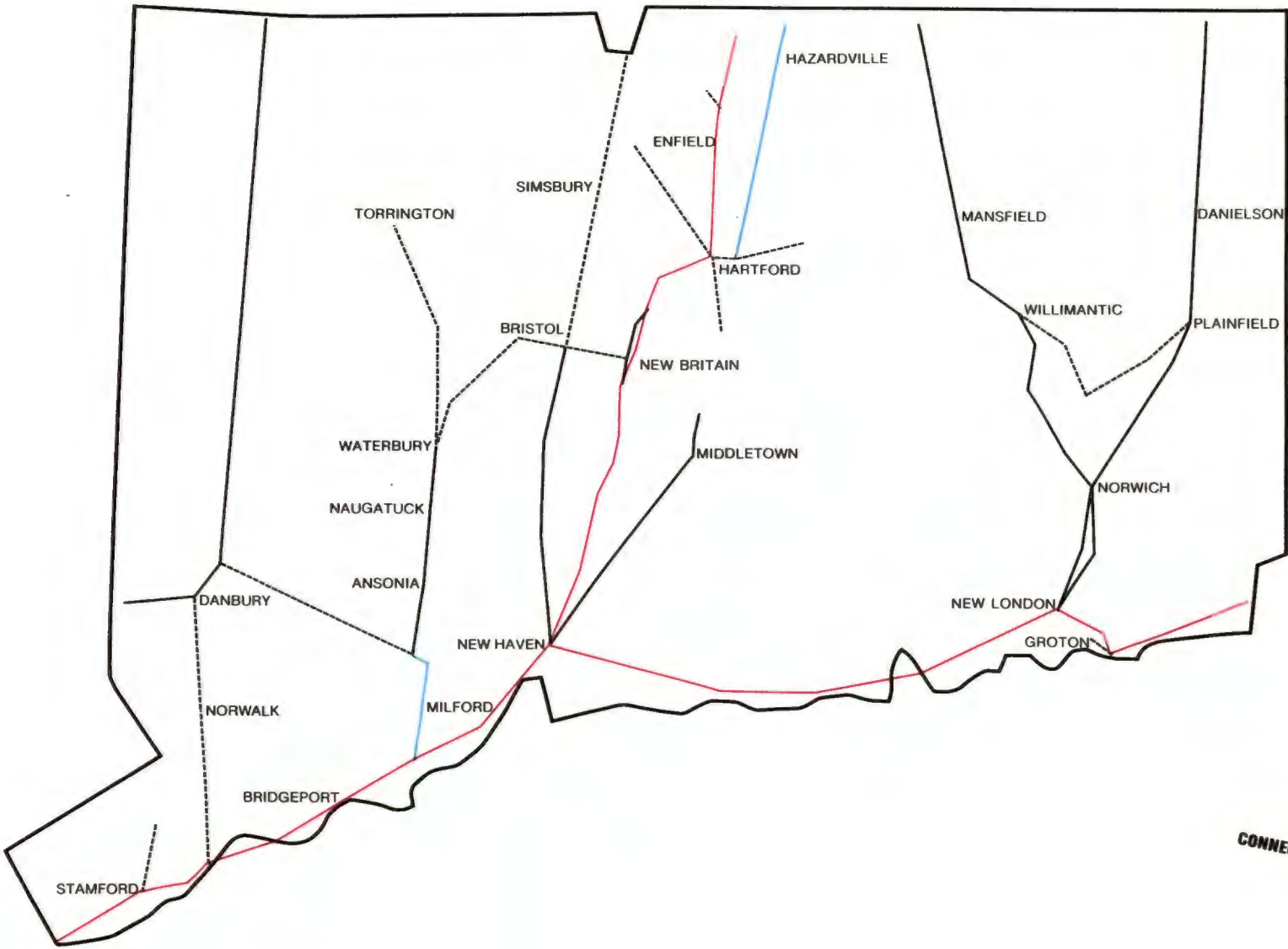


MAP 6A: COLORADO
LINE IDENTIFICATION





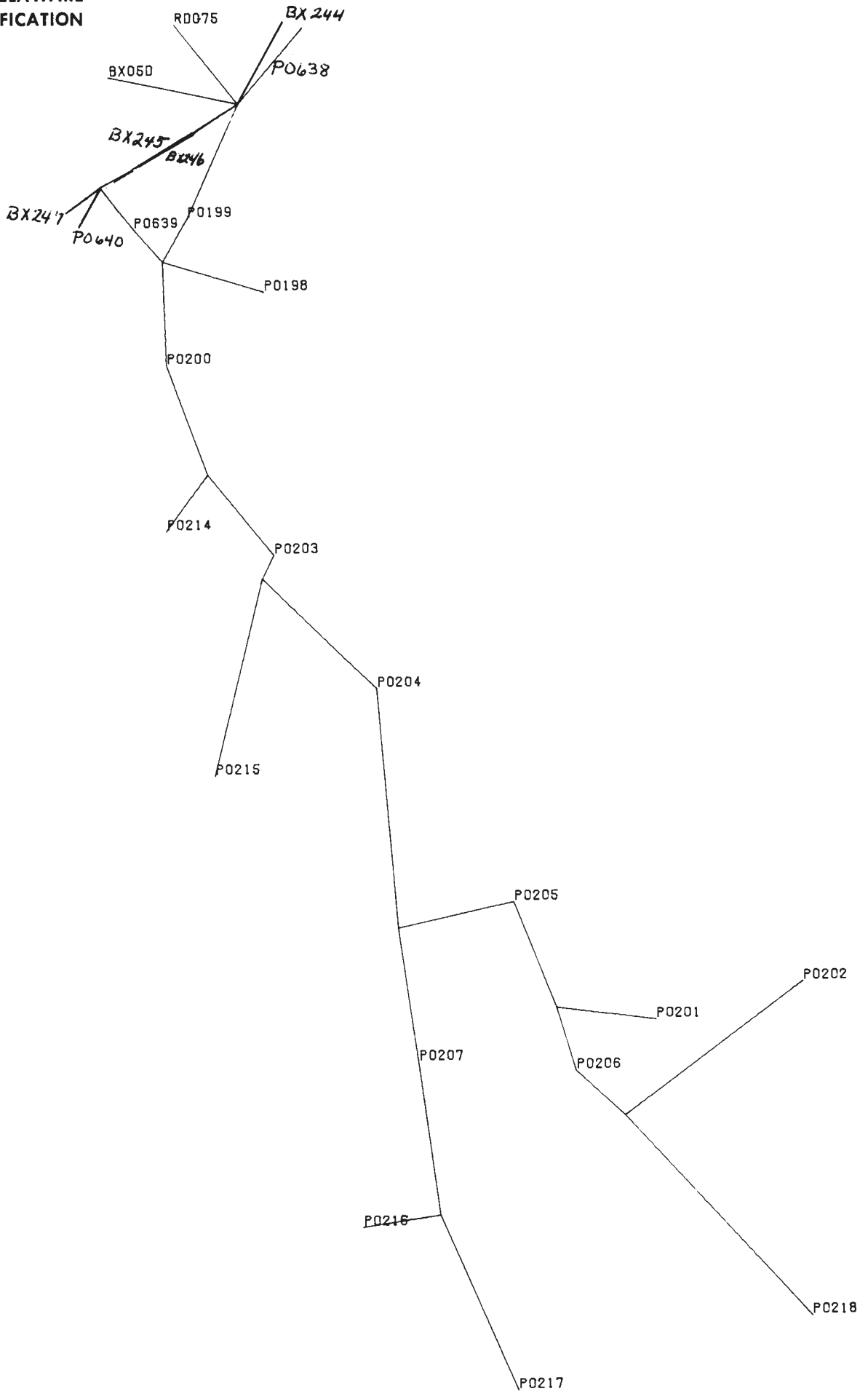
MAP 68: COLORADO
LINE DESIGNATIONS



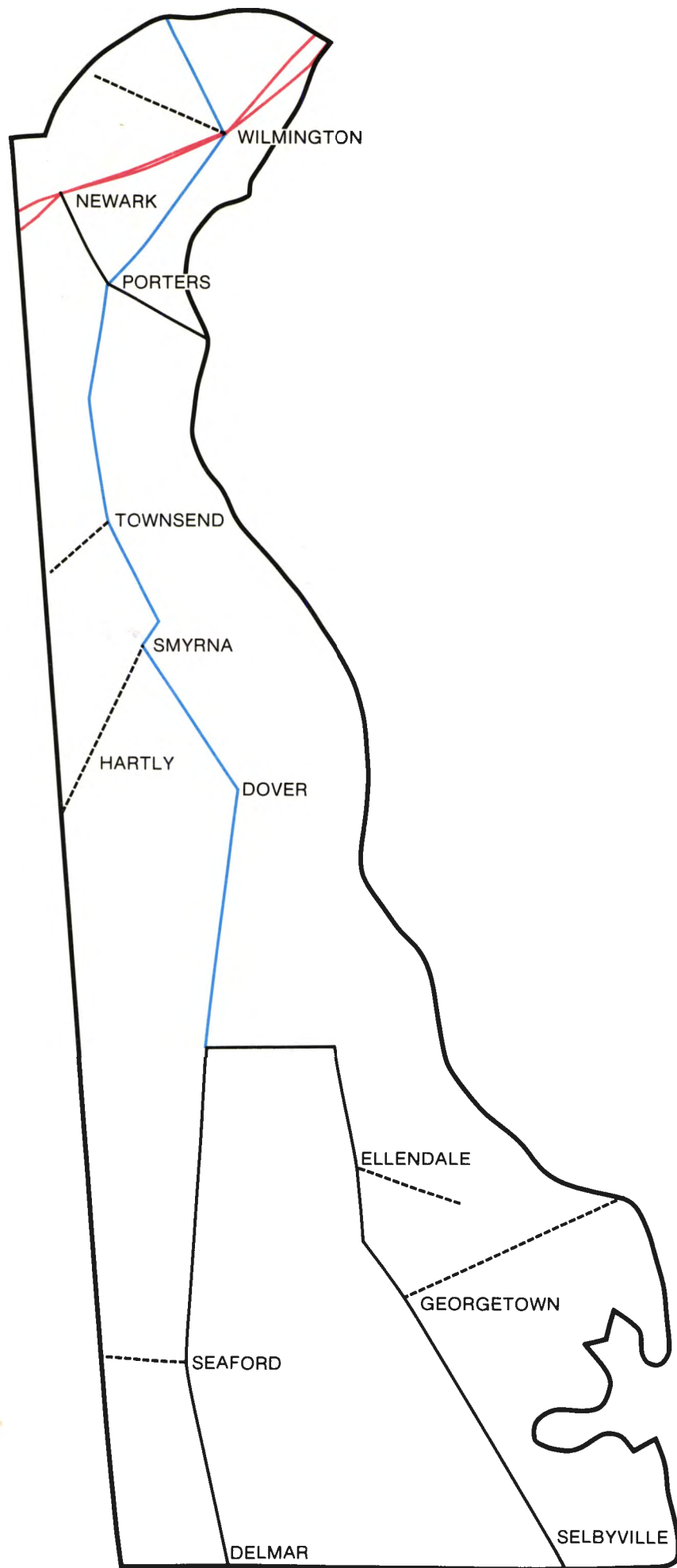
CONNECTICUT

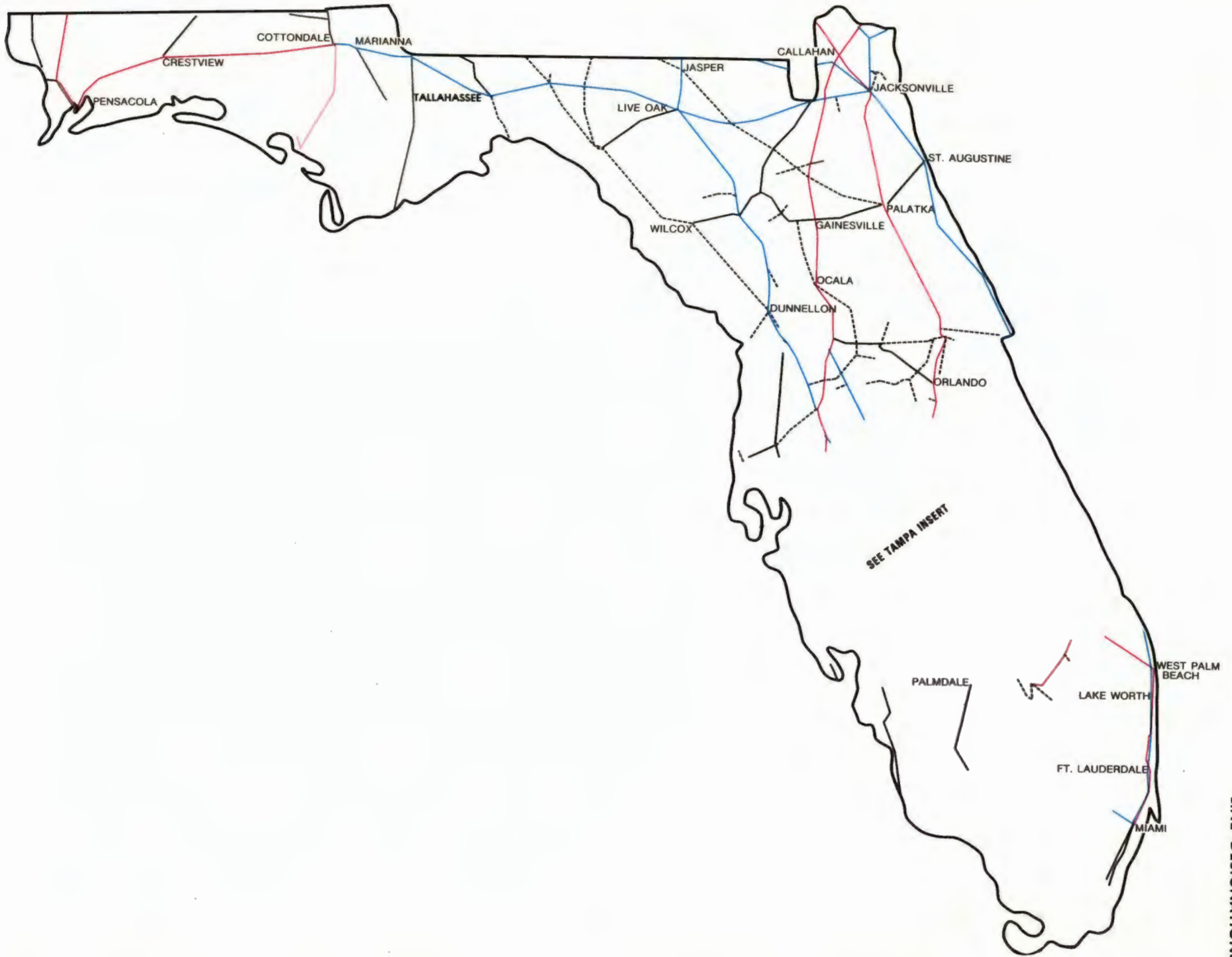
MAP 7B: CONNECTICUT
LINE DESIGNATIONS

MAP 8A: DELAWARE
LINE IDENTIFICATION



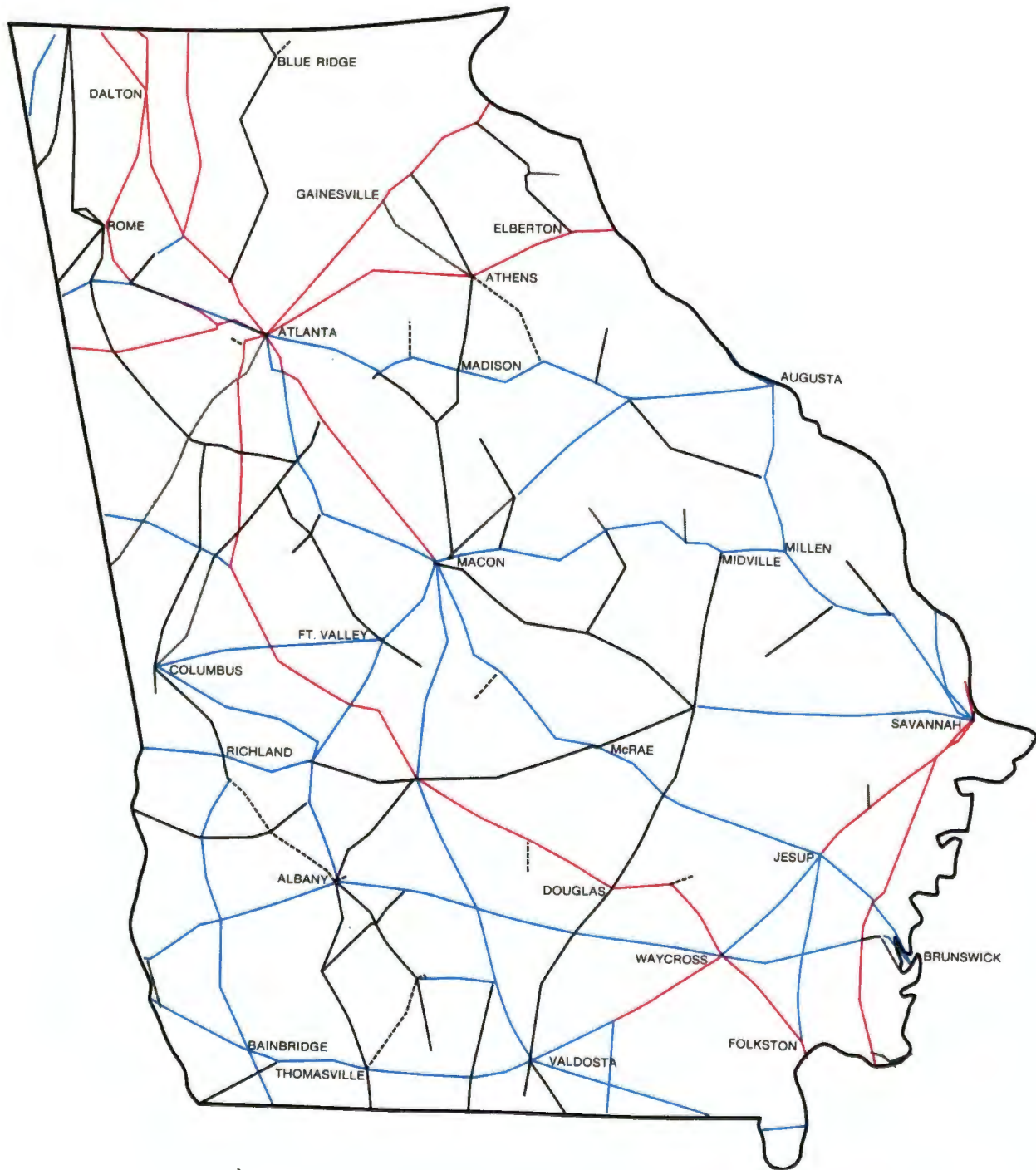
MAP 8B: DELAWARE
LINE DESIGNATIONS



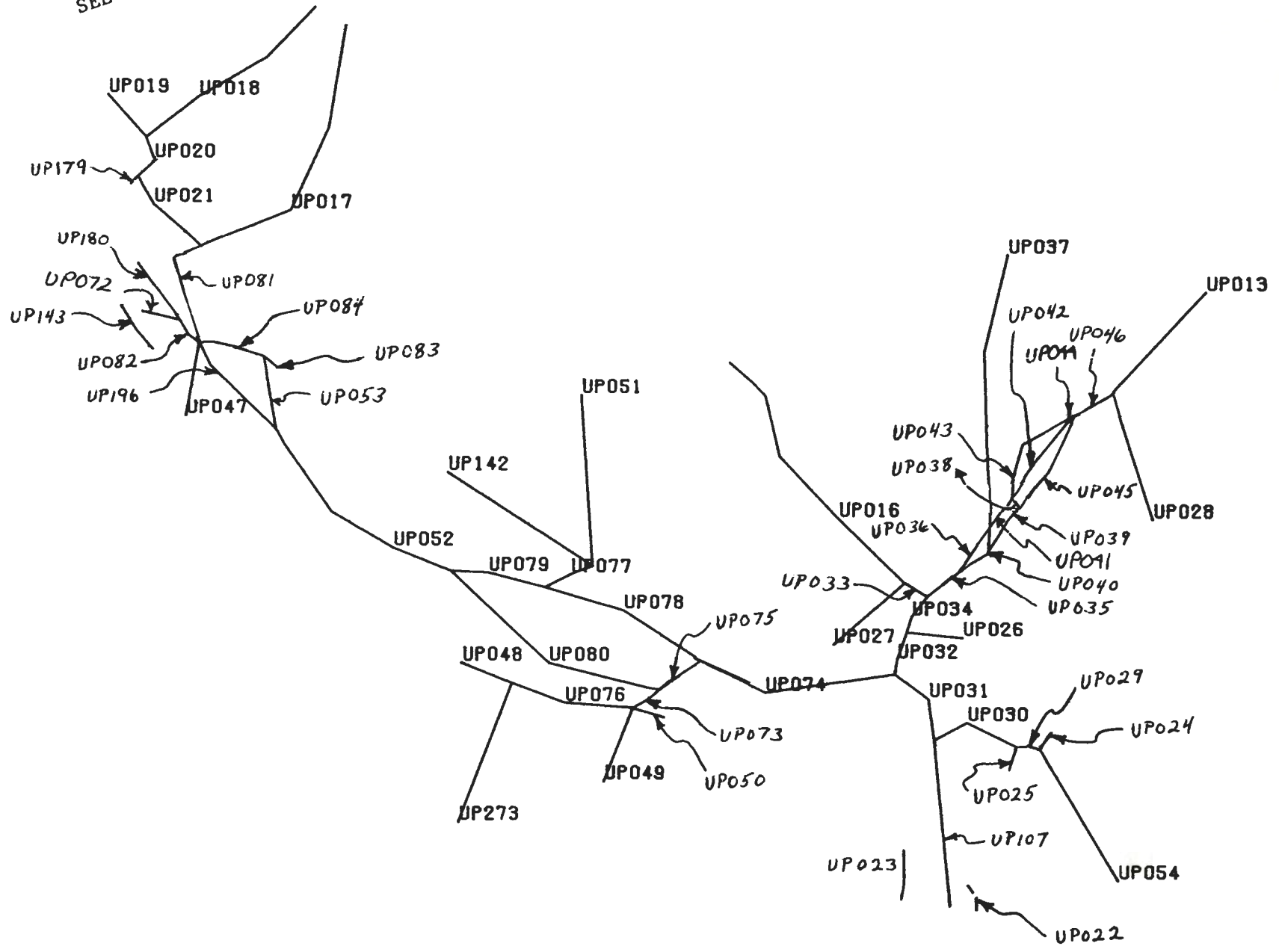


MAP 9B: FLORIDA
LINE DESIGNATIONS

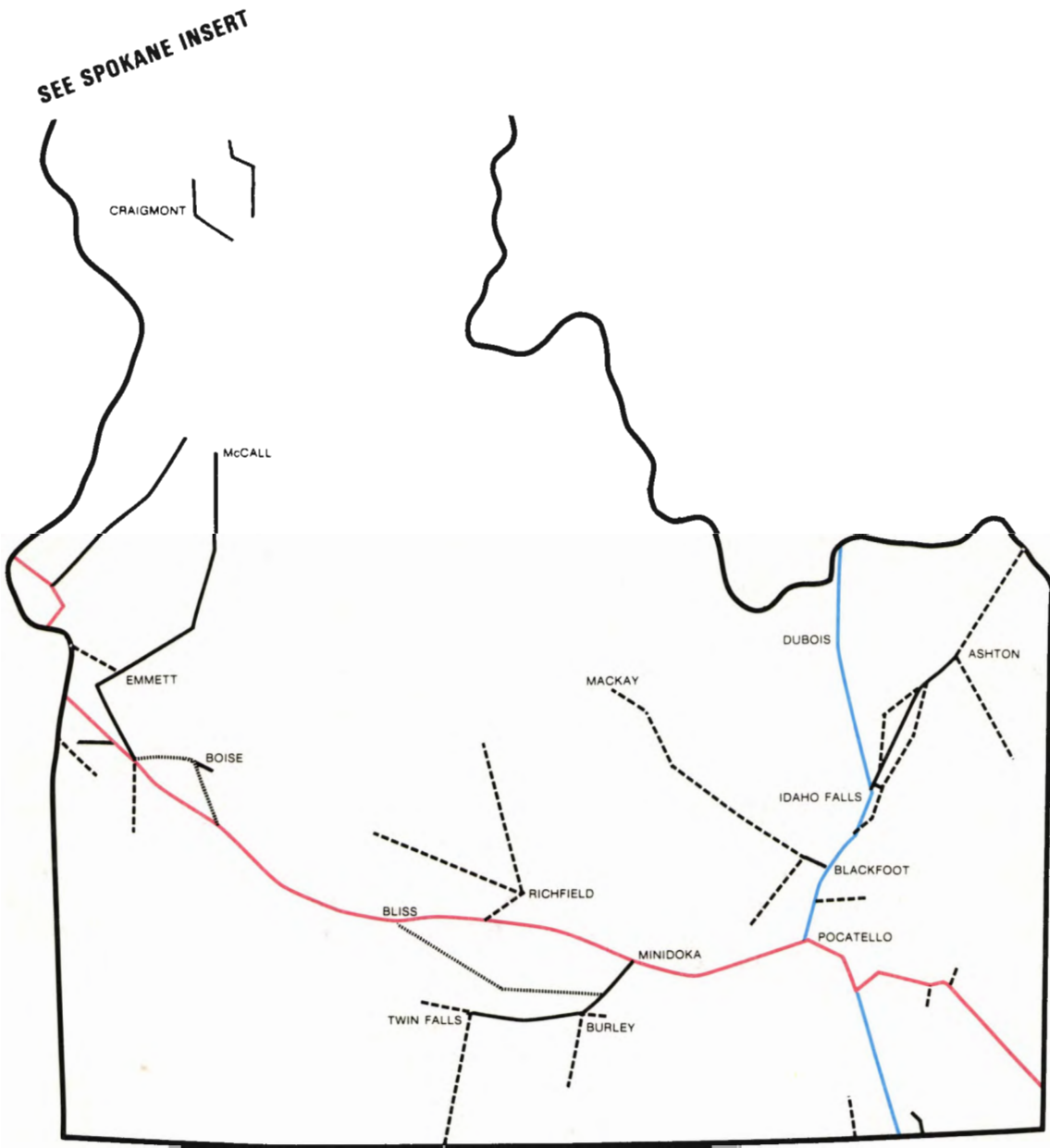
MAP 10B: GEORGIA
LINE DESIGNATIONS



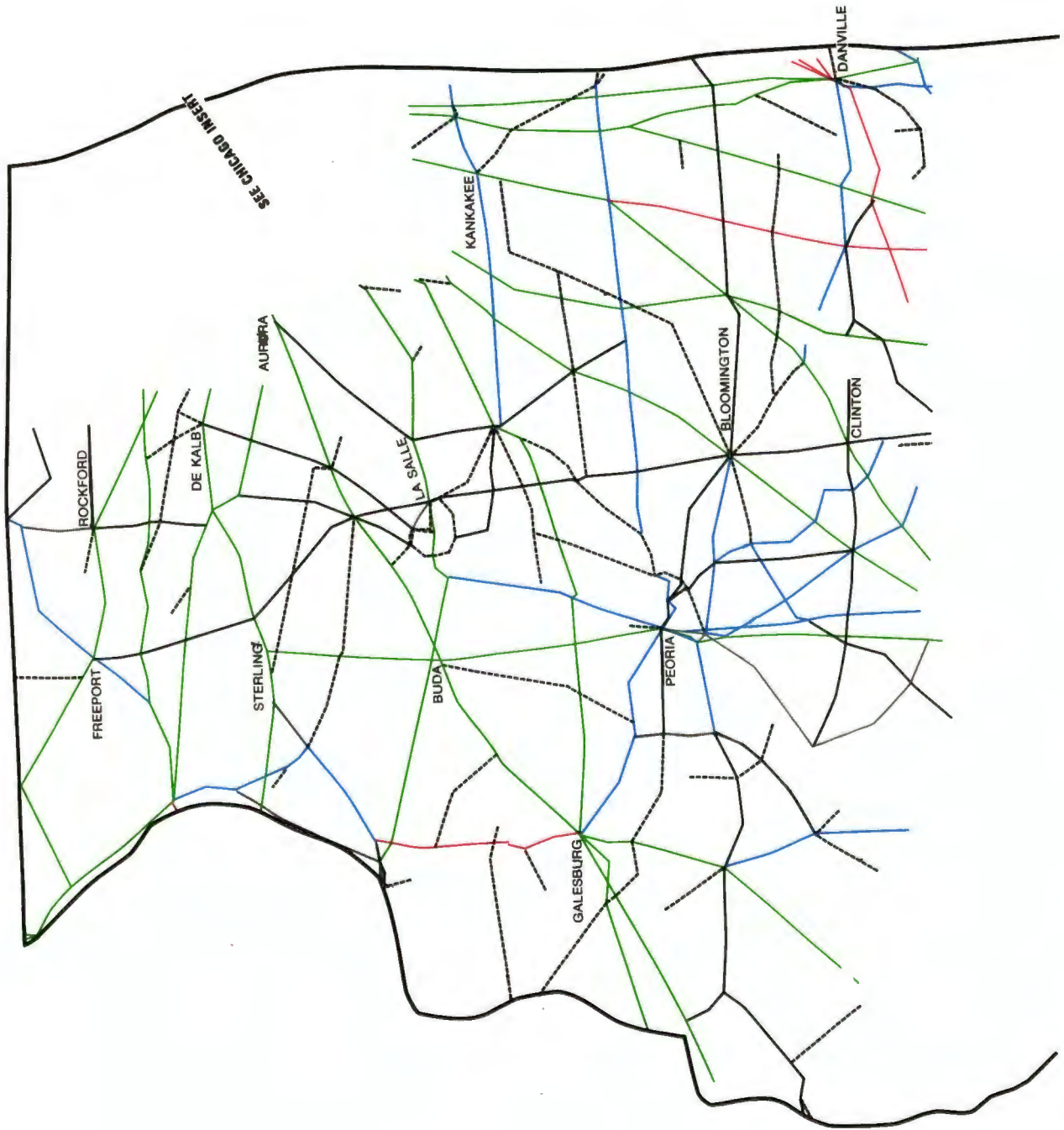
SEE SPOKANE INSERT



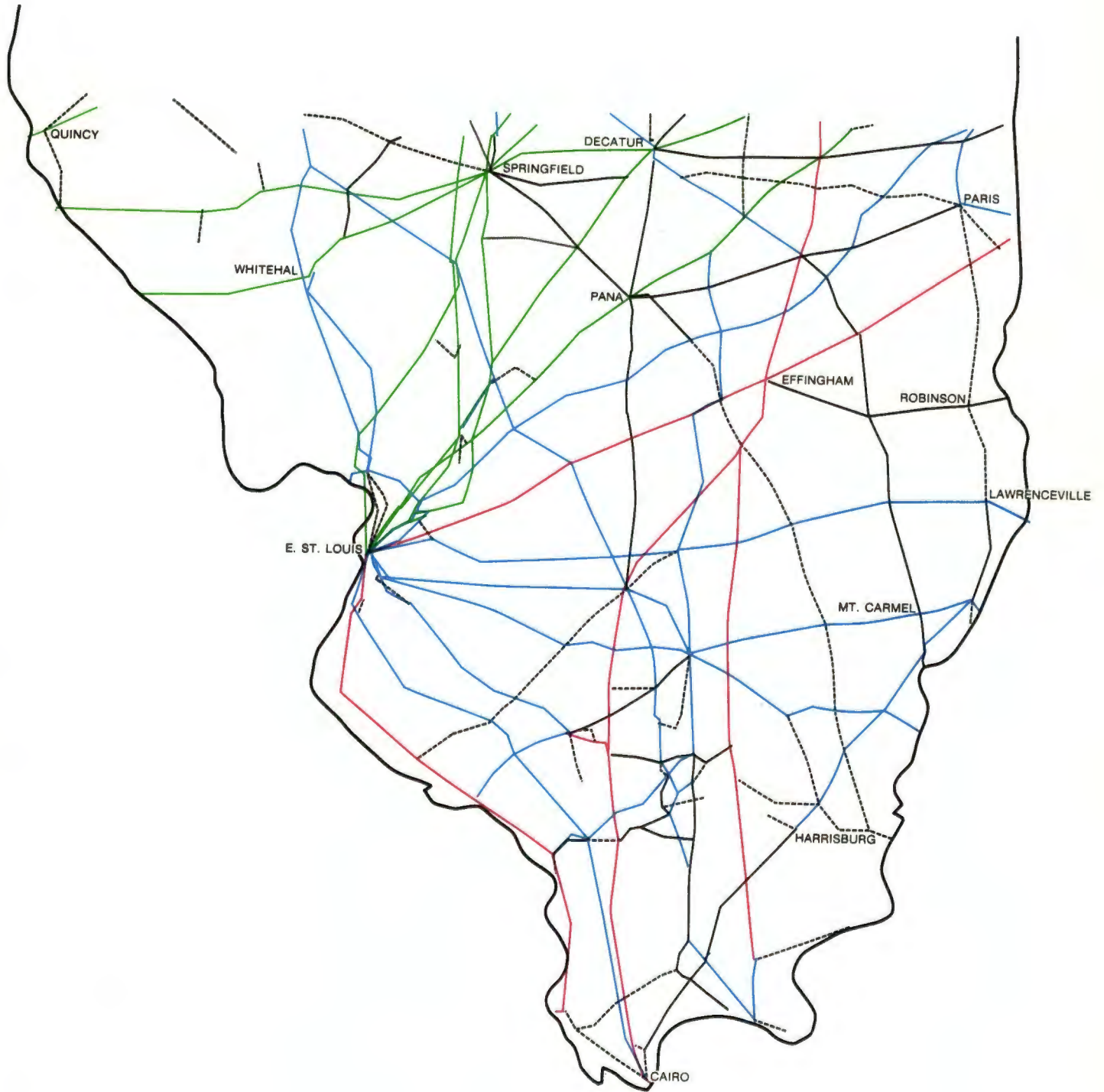
MAP 11B: IDAHO
LINE DESIGNATIONS



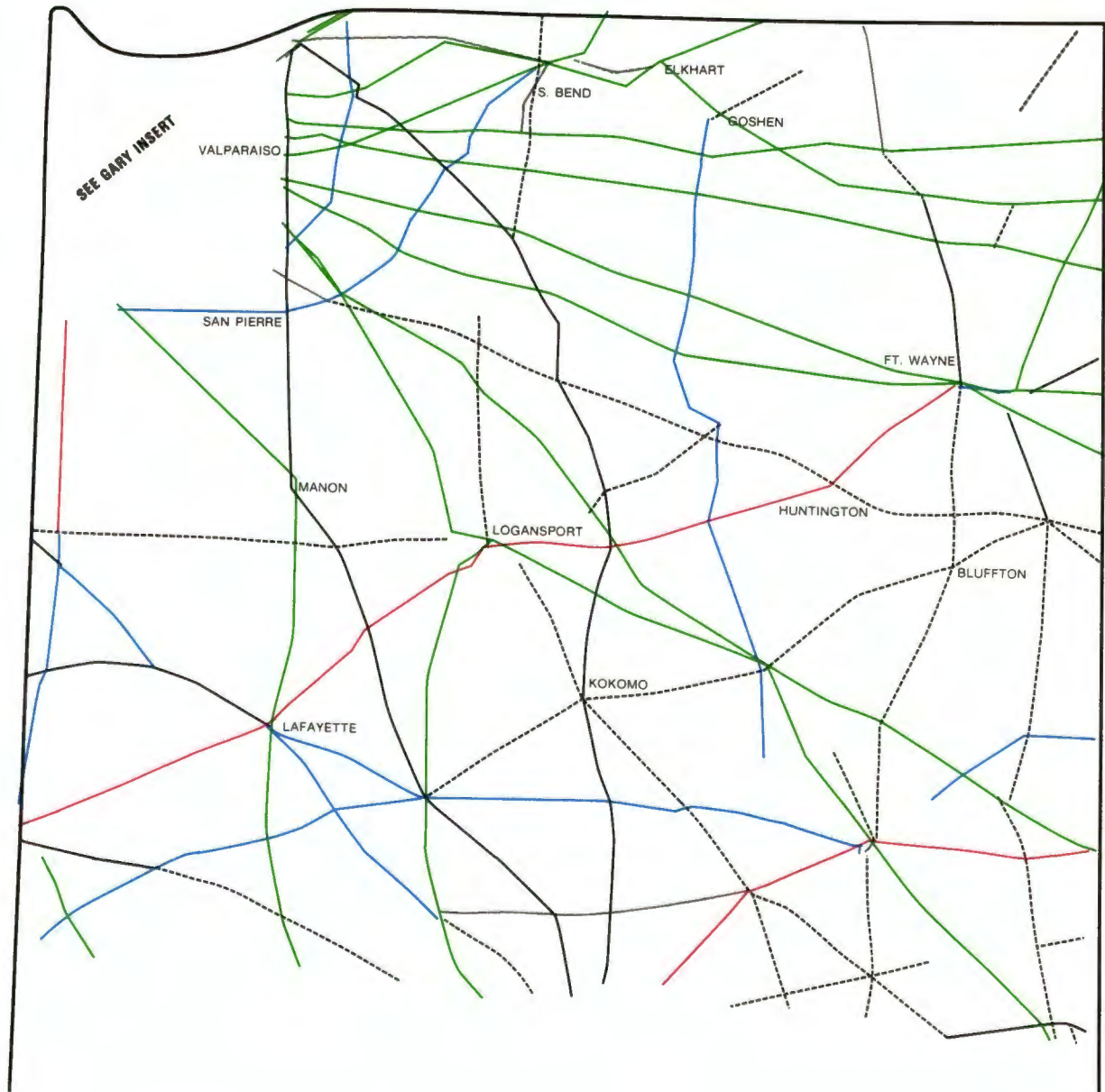
MAP 12B: ILLINOIS (N)
LINE DESIGNATIONS

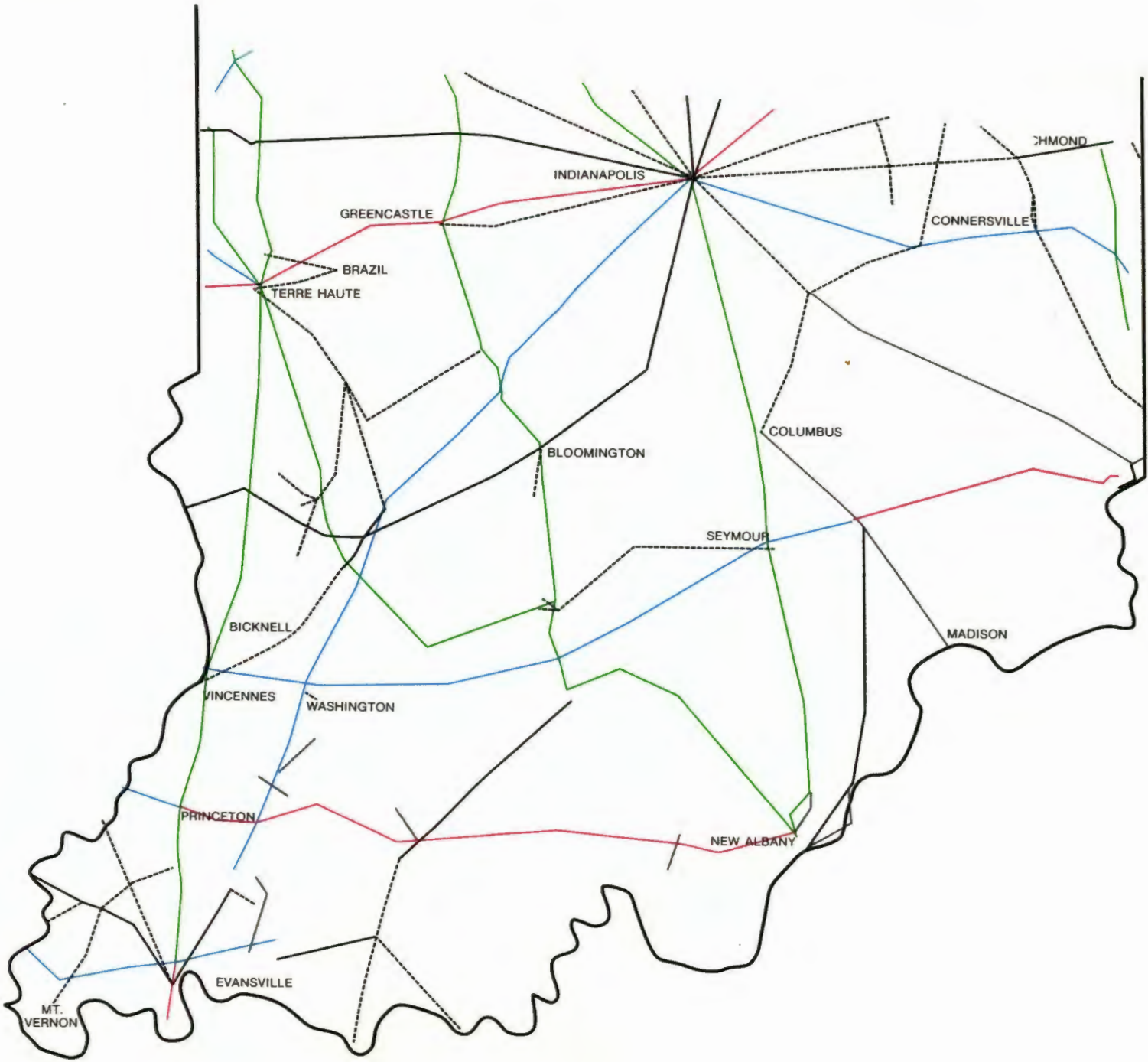


MAP 13B: ILLINOIS (S)
LINE DESIGNATIONS

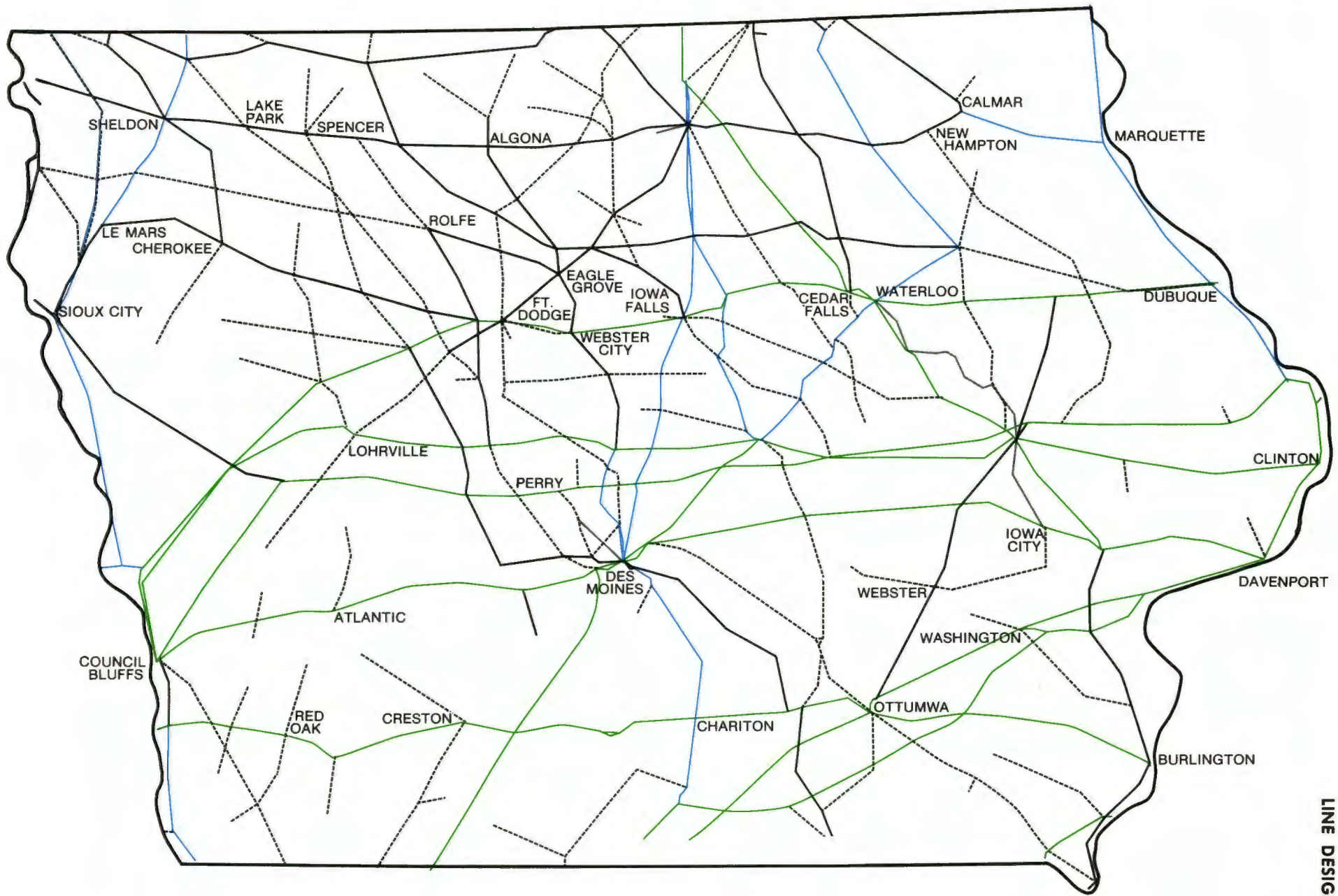


MAP 14B: INDIANA (N)
LINE DESIGNATIONS



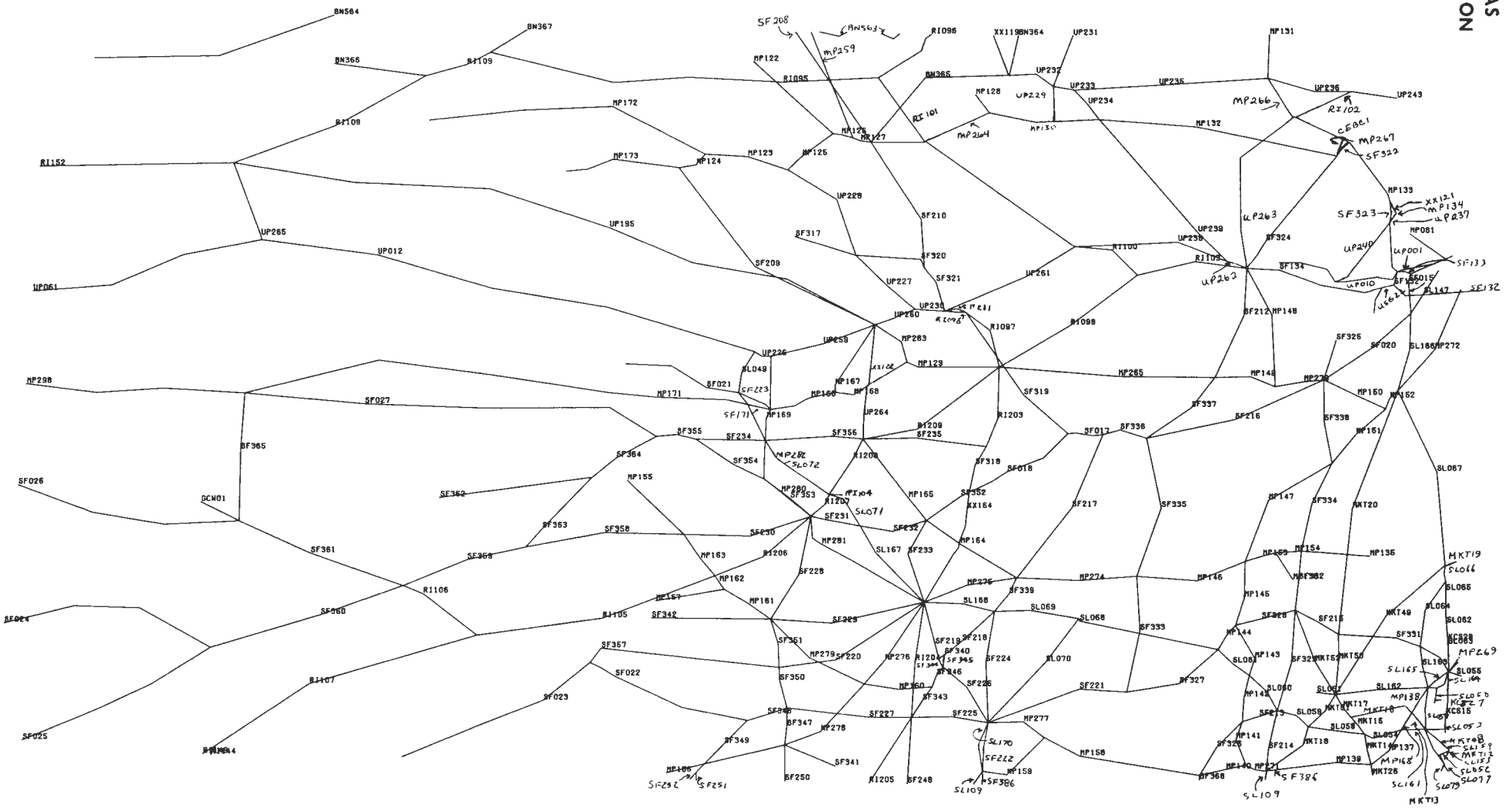


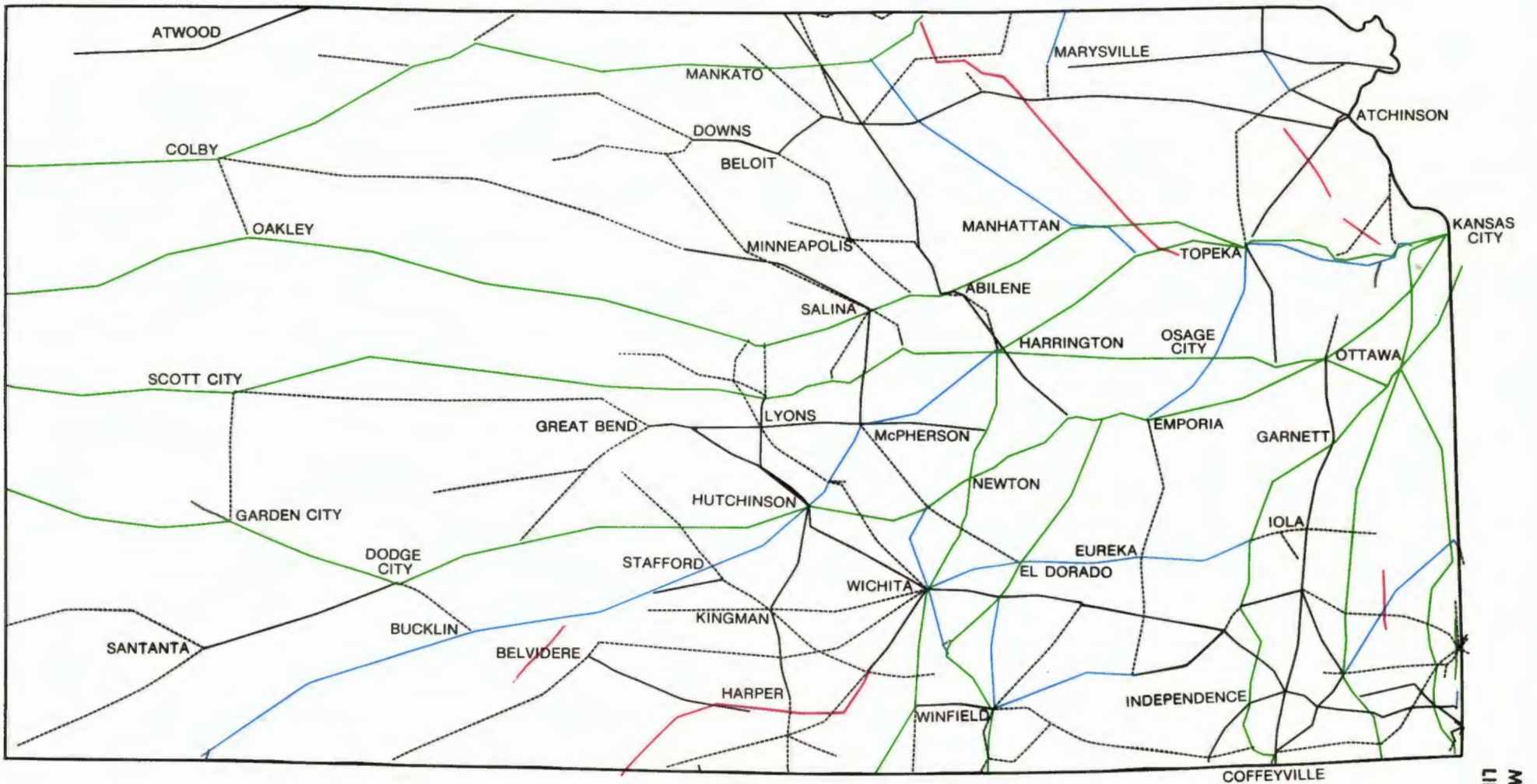
MAP 15B: INDIANA (S)
LINE DESIGNATIONS



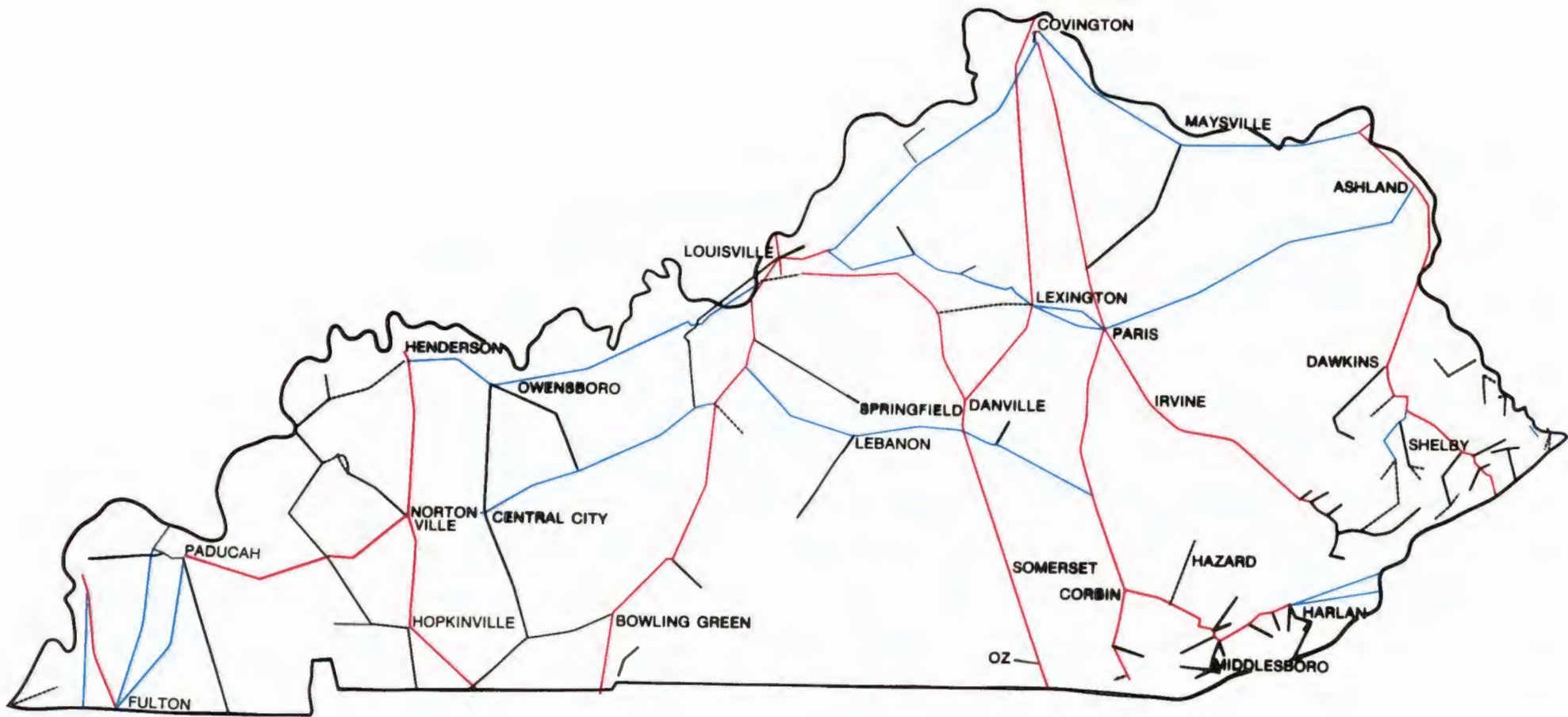
MAP 16B: IOWA
LINE DESIGNATIONS

MAP 17A: KANSAS
LINE IDENTIFICATION

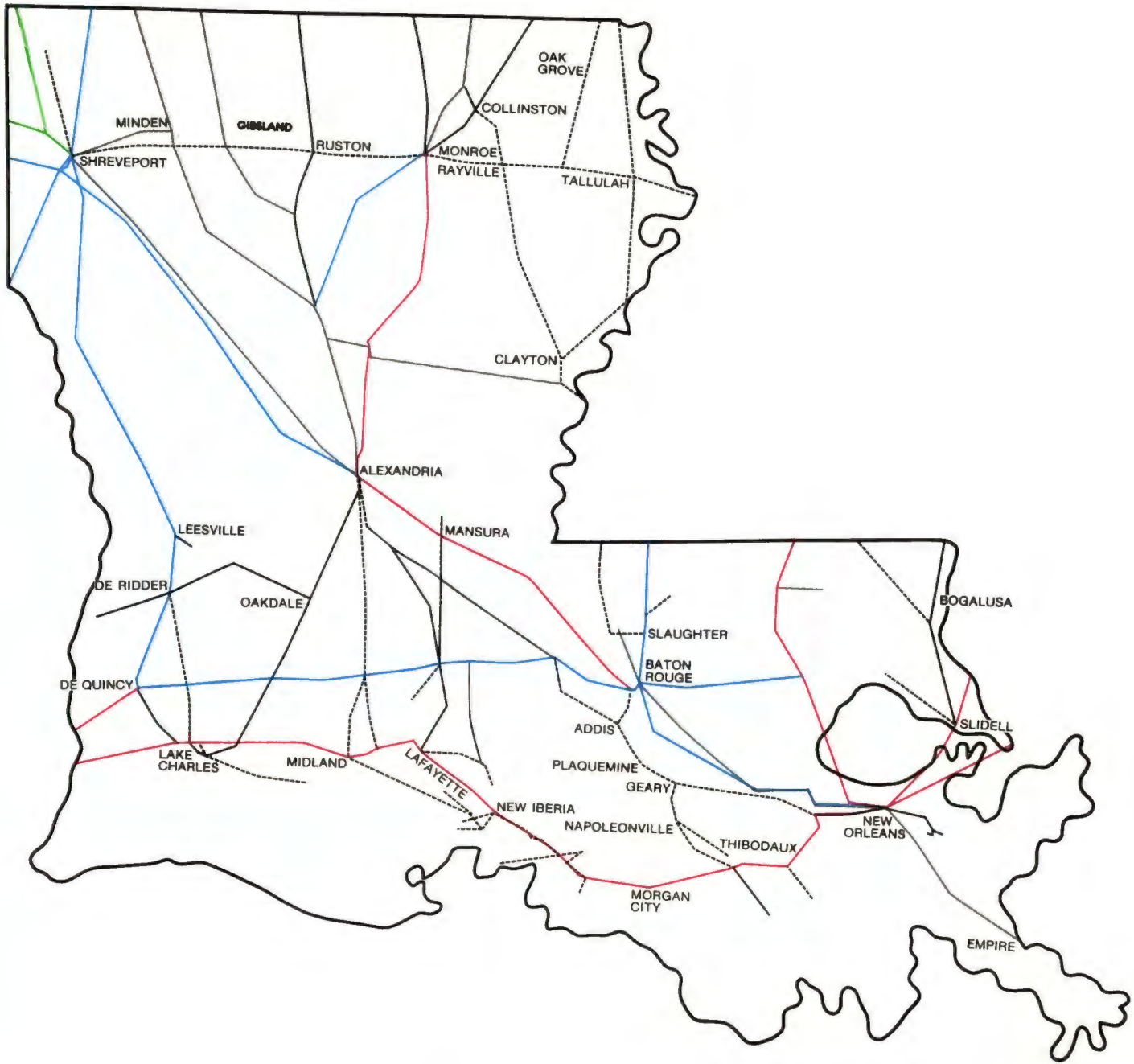




MAP 17B: KANSAS
LINE DESIGNATIONS

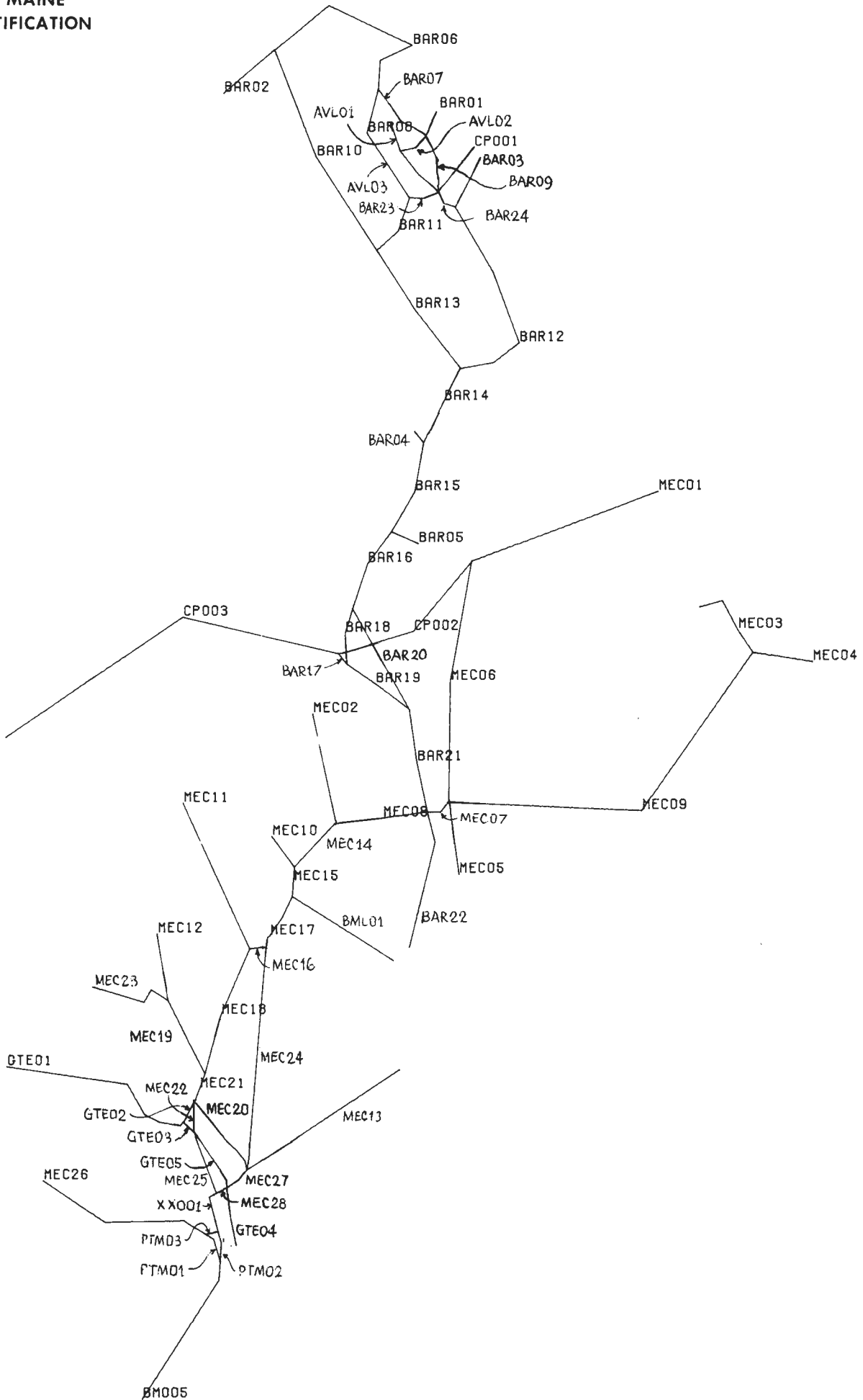


MAP 18B: KENTUCKY
LINE DESIGNATIONS

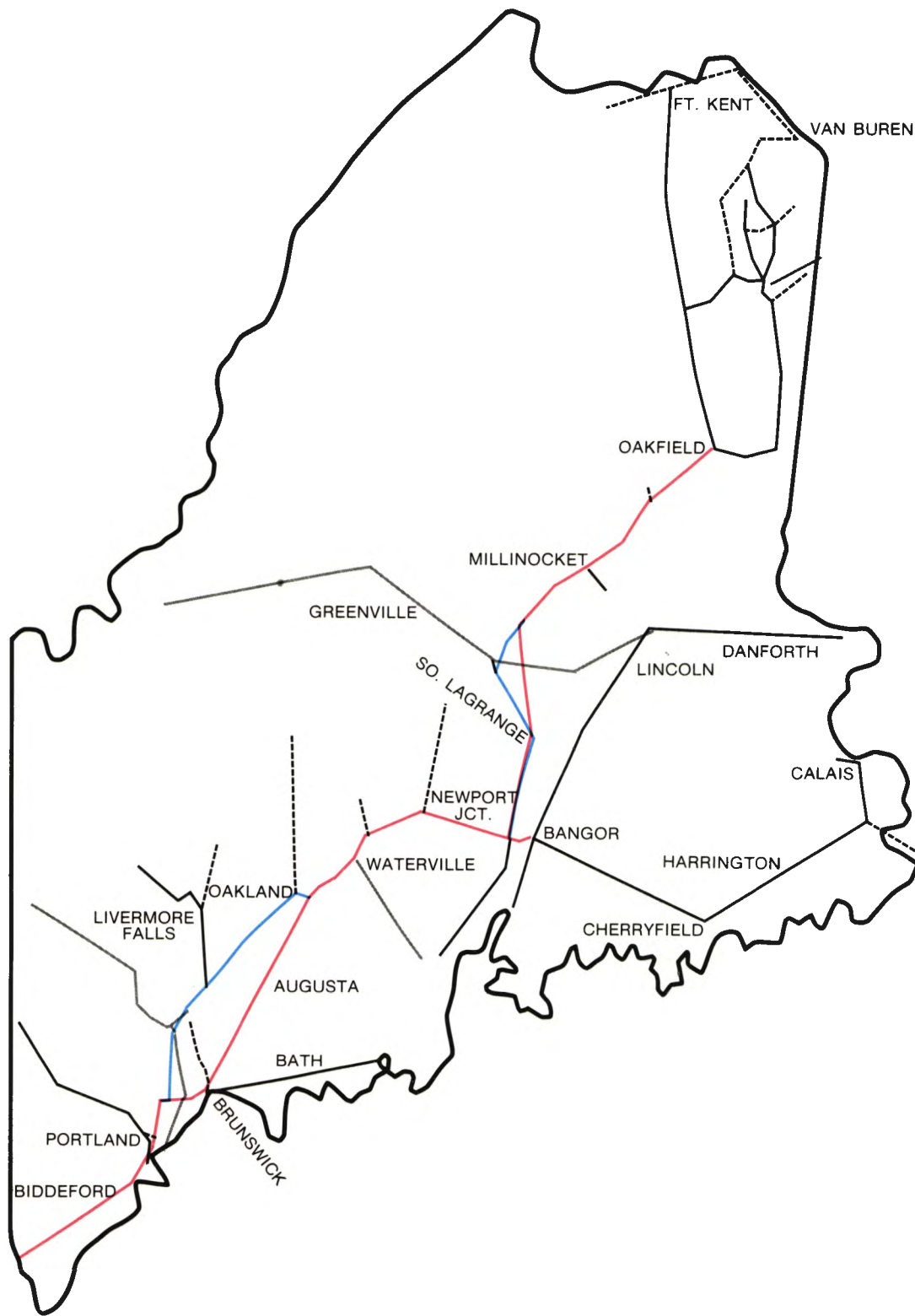


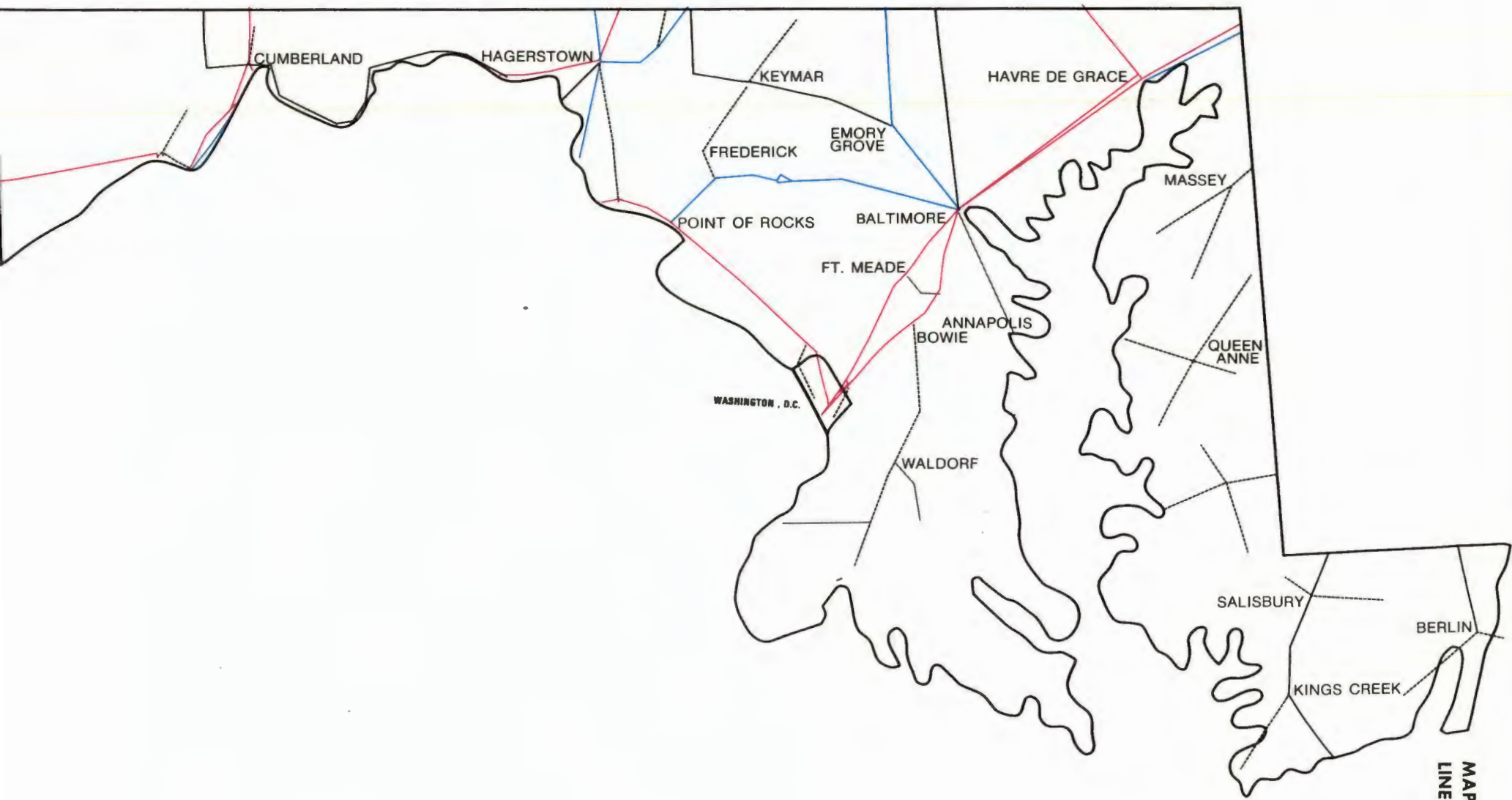
MAP 19B: LOUISIANA
LINE DESIGNATIONS

MAP 20A: MAINE
LINE IDENTIFICATION

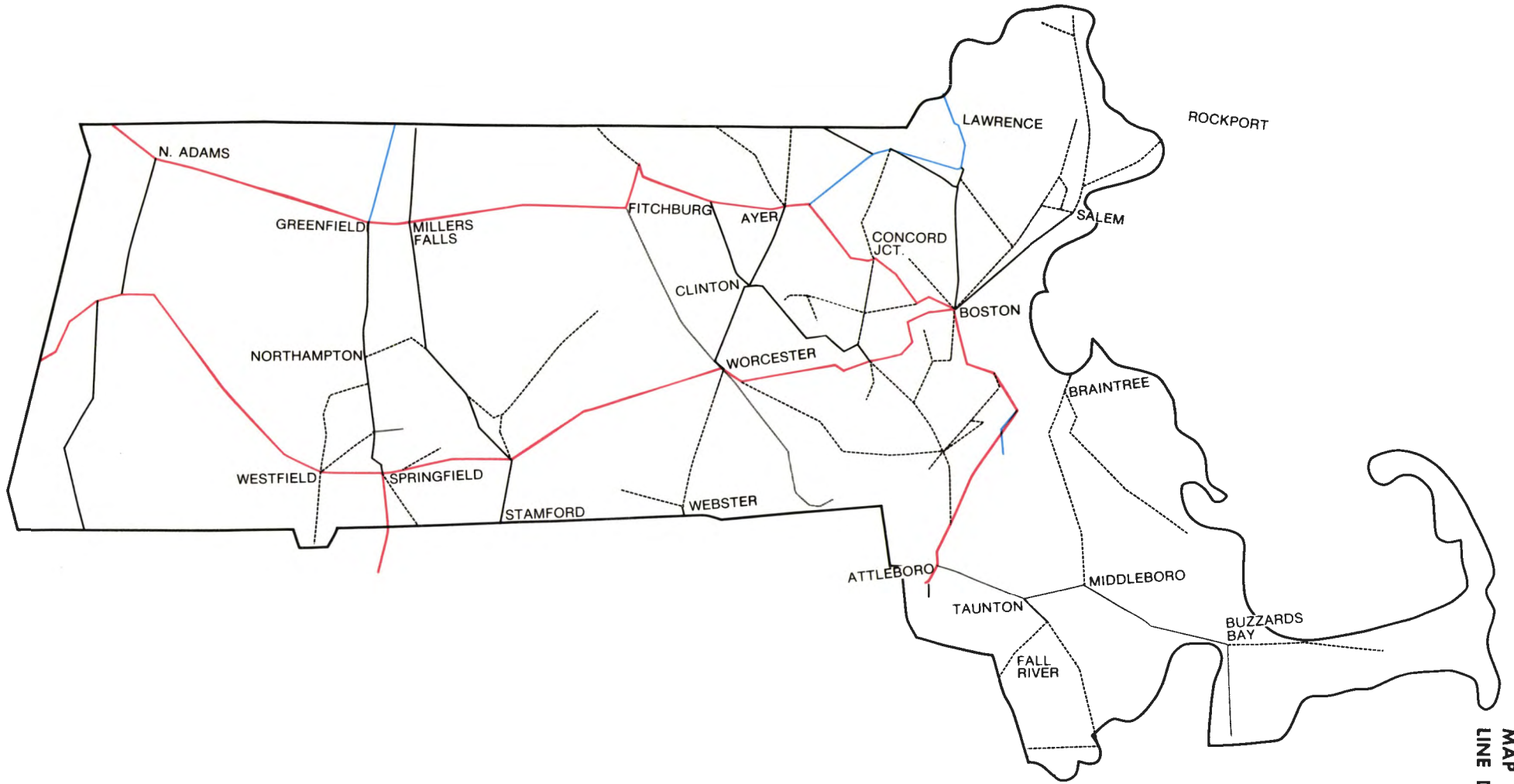


MAP 20B: MAINE
LINE DESIGNATIONS

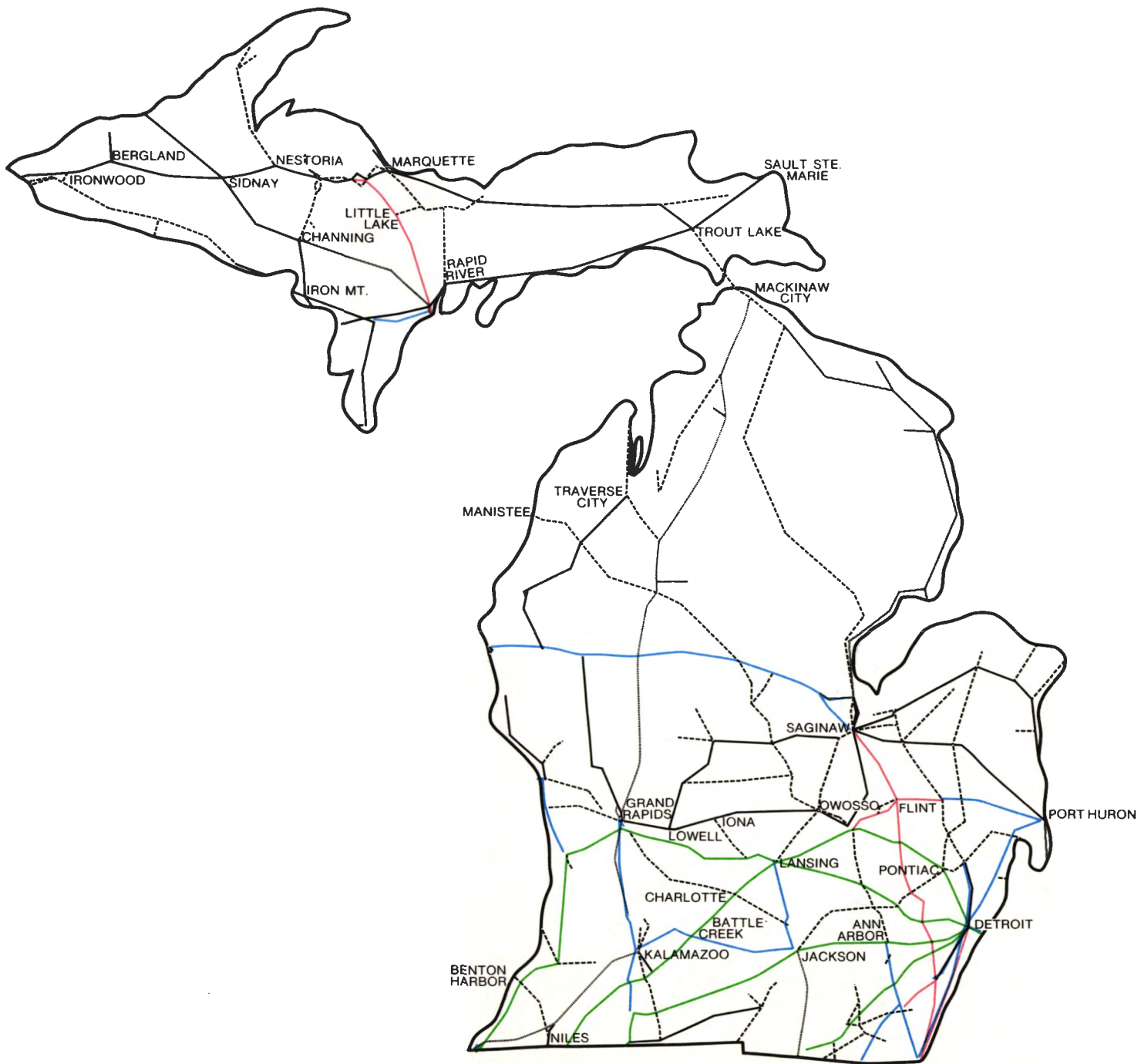




MAP 21B: MARYLAND/D.C.
LINE DESIGNATIONS

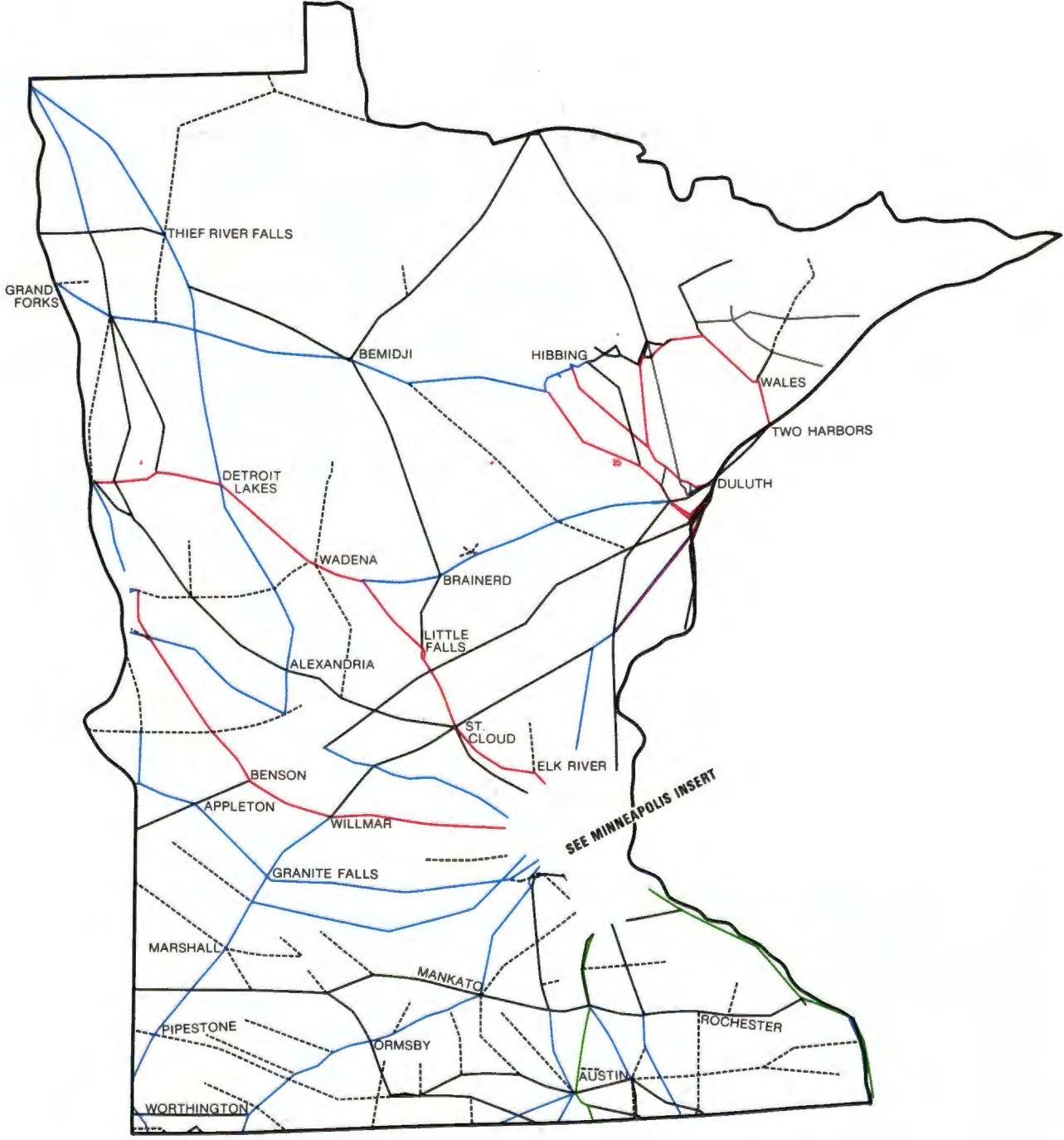


MAP 22B: MASSACHUSETTS
LINE DESIGNATIONS

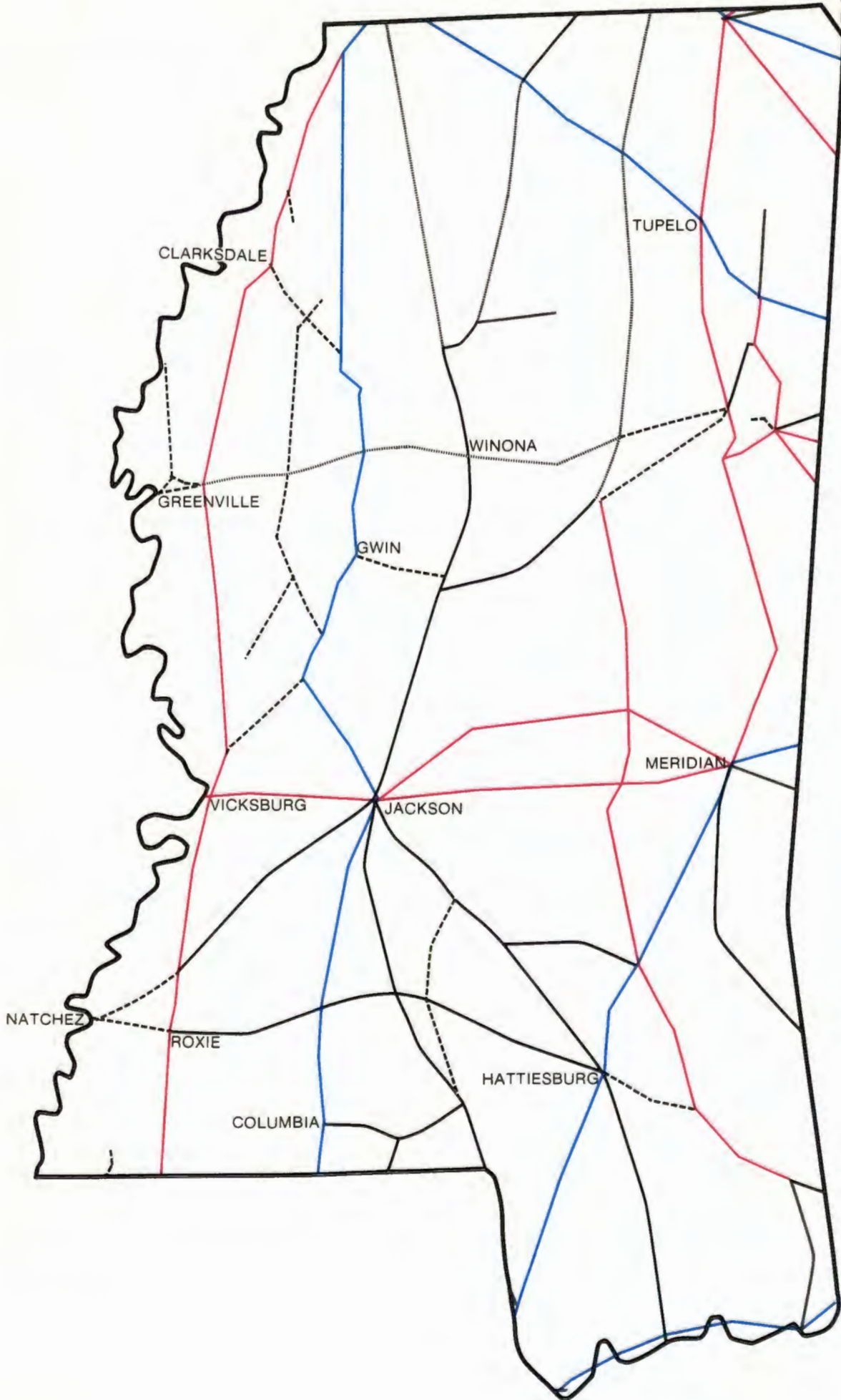


MAP 23B: MICHIGAN
LINE DESIGNATIONS

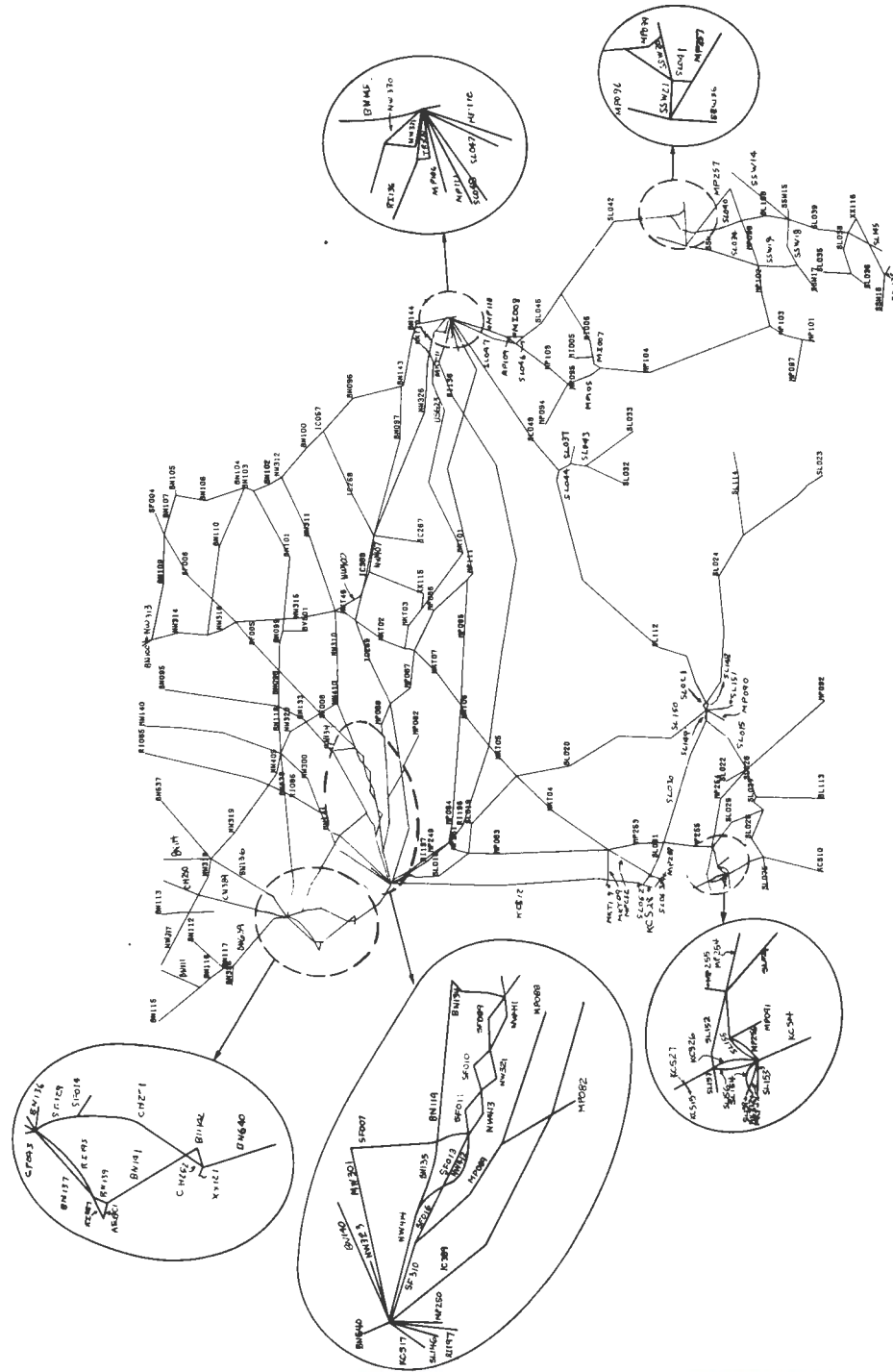
**MAP 24B: MINNESOTA
LINE DESIGNATIONS**



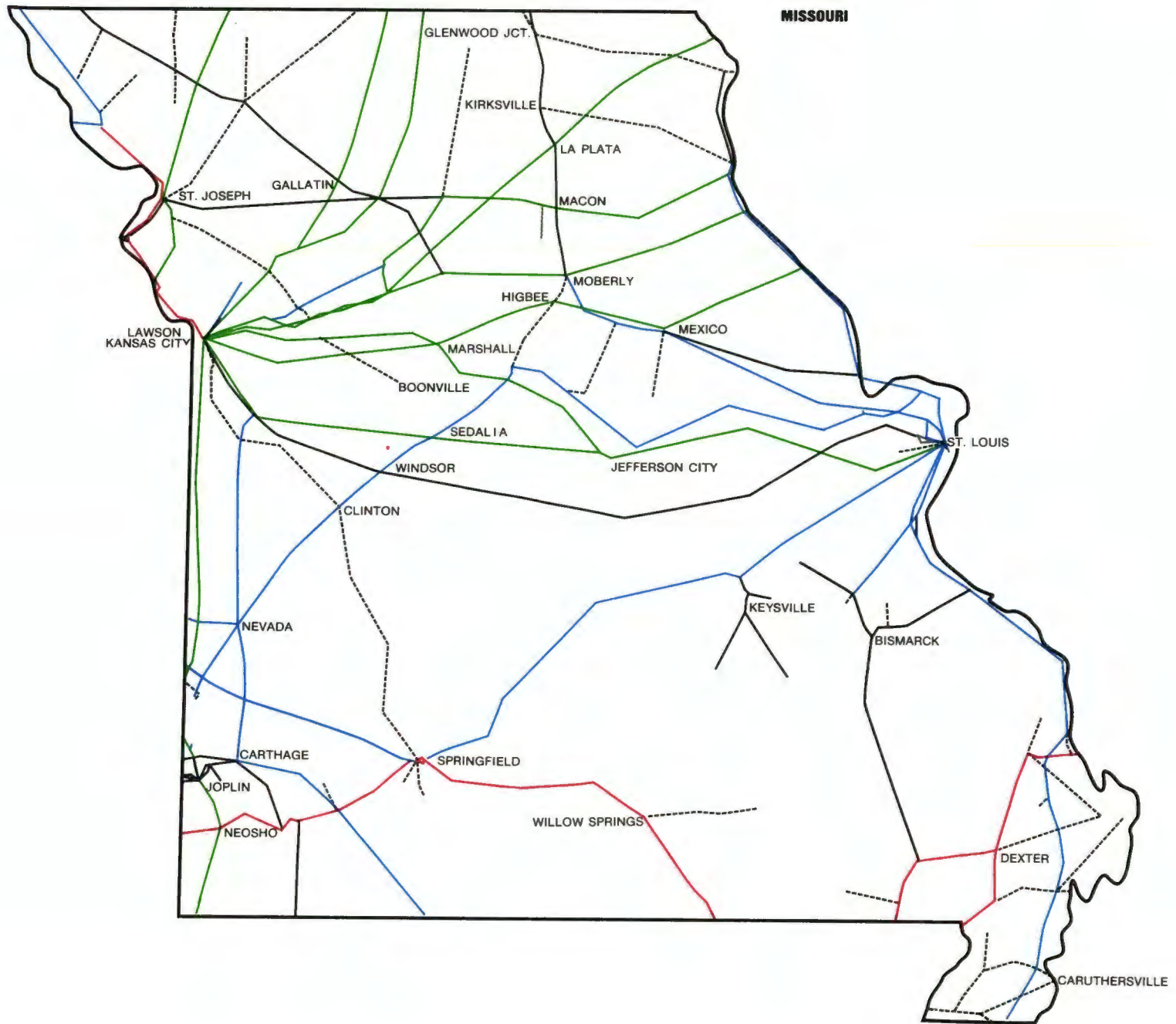
MAP 25B: MISSISSIPPI
LINE DESIGNATIONS



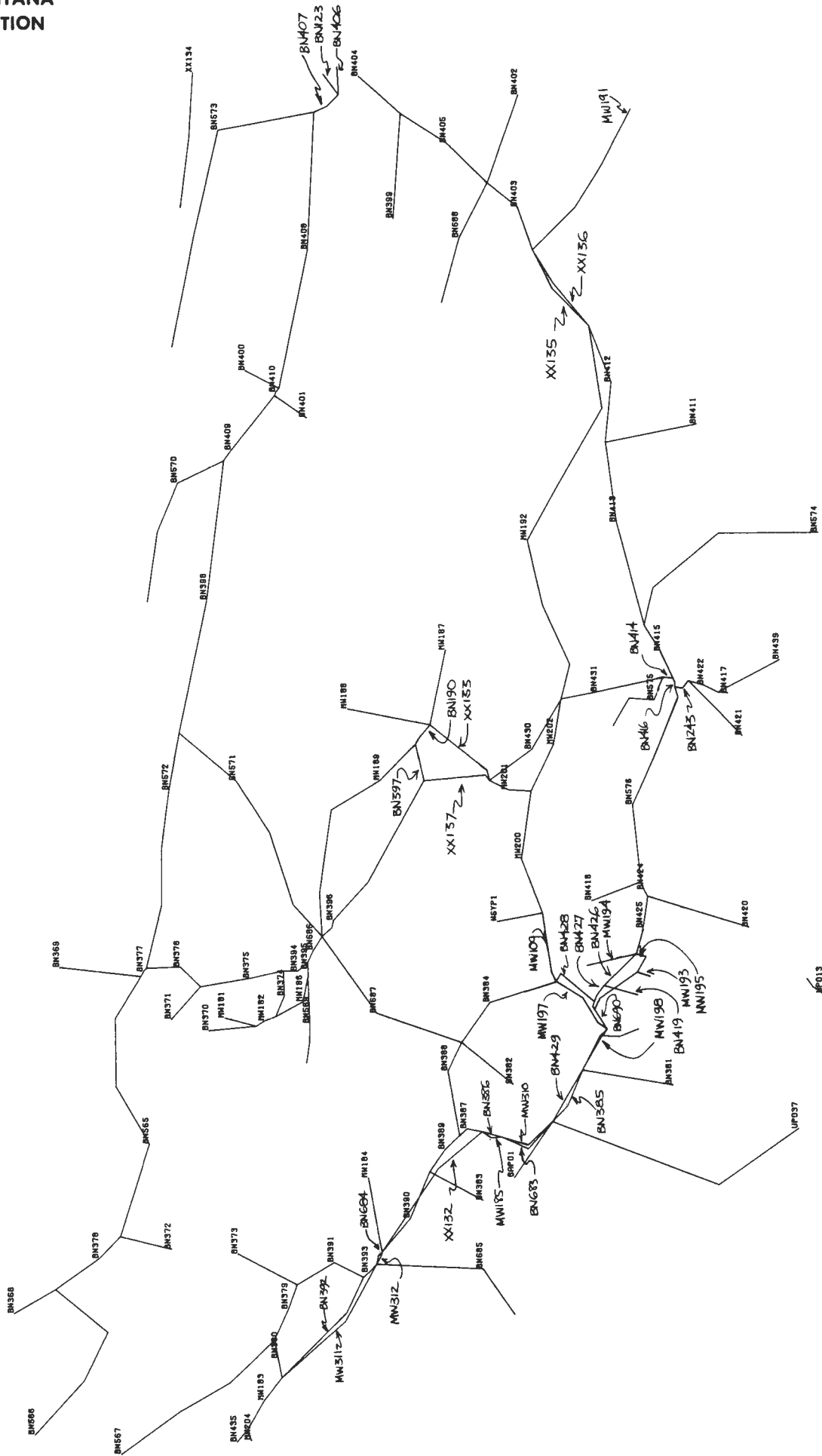
MAP 26A: MISSOURI
LINE IDENTIFICATION



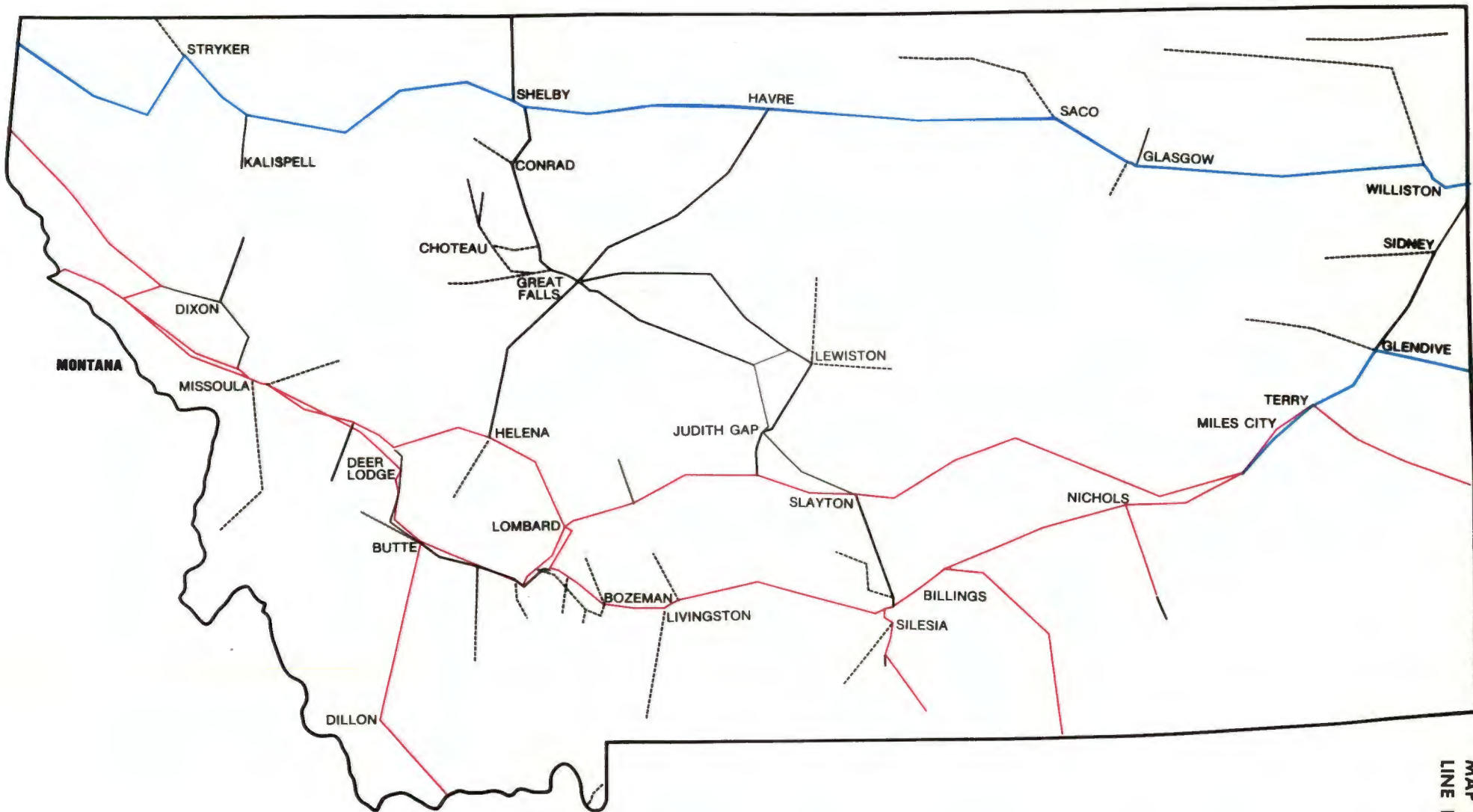
MAP 26B: MISSOURI
LINE DESIGNATIONS



MAP 27A: MONTANA
LINE IDENTIFICATION

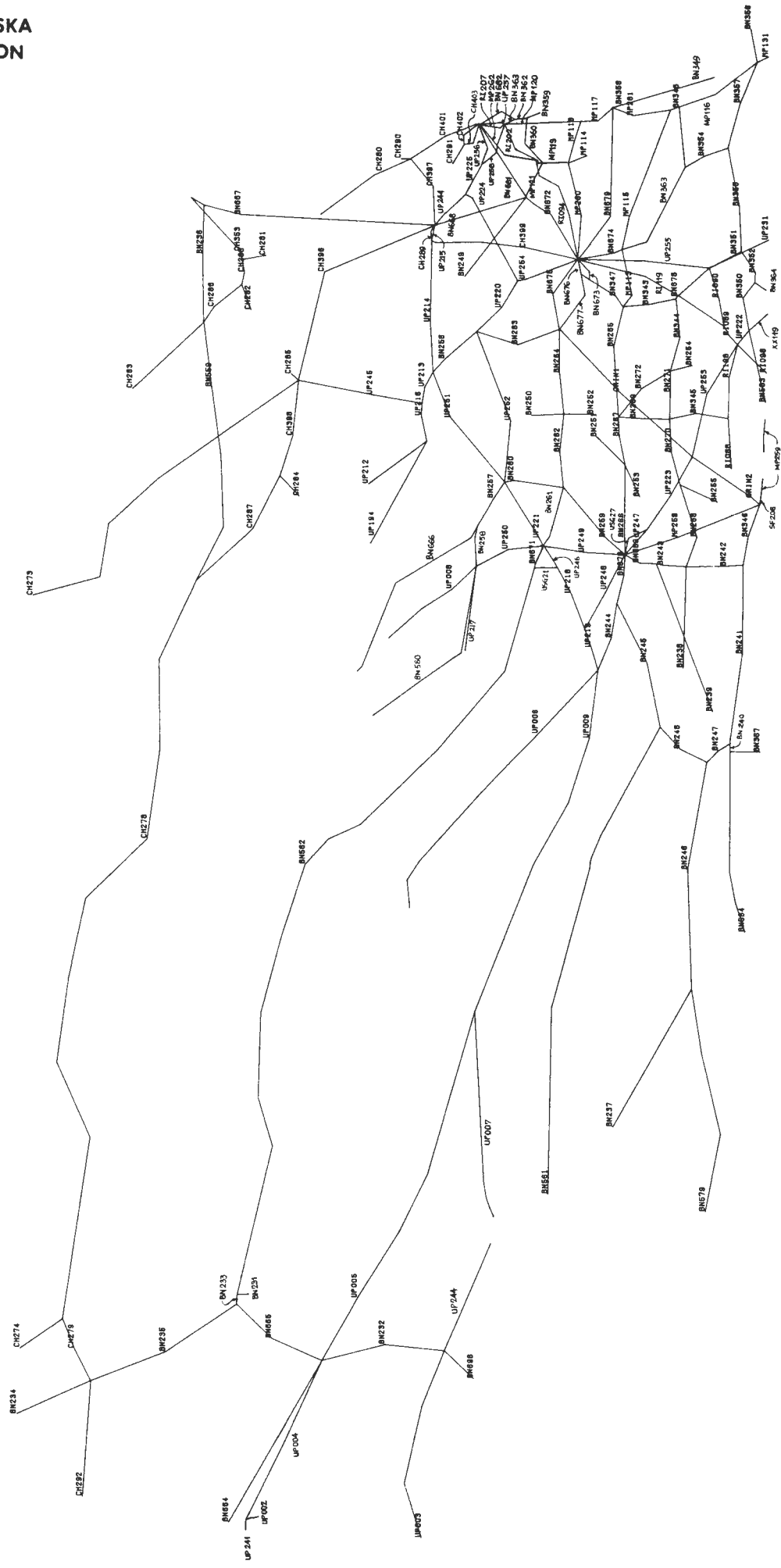


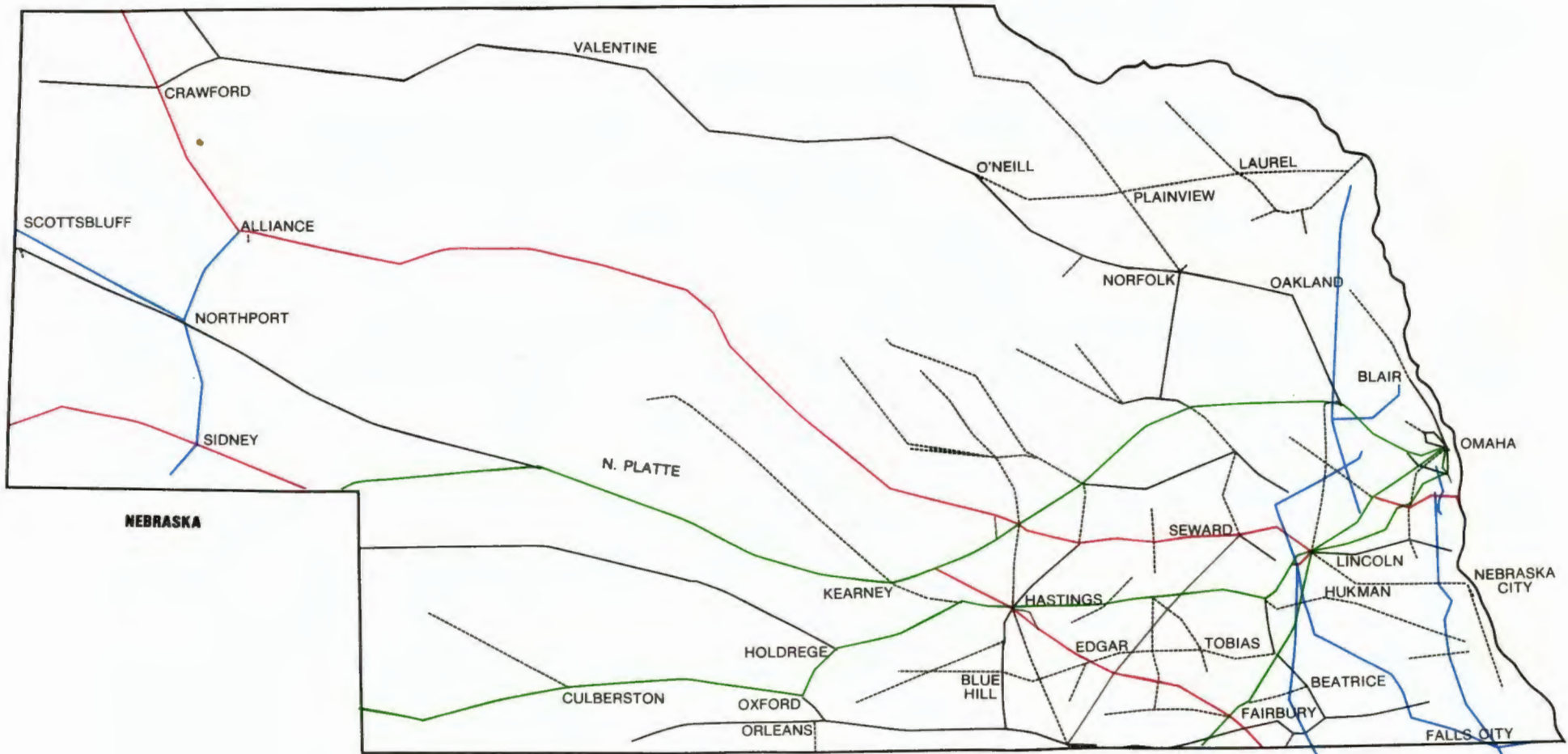
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MAP 27B: MONTANA
LINE DESIGNATIONS

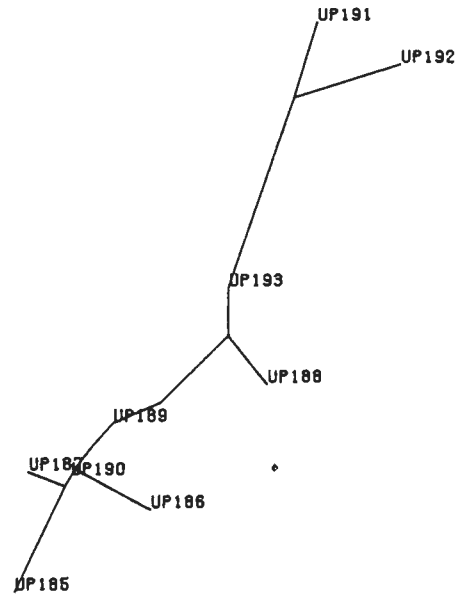
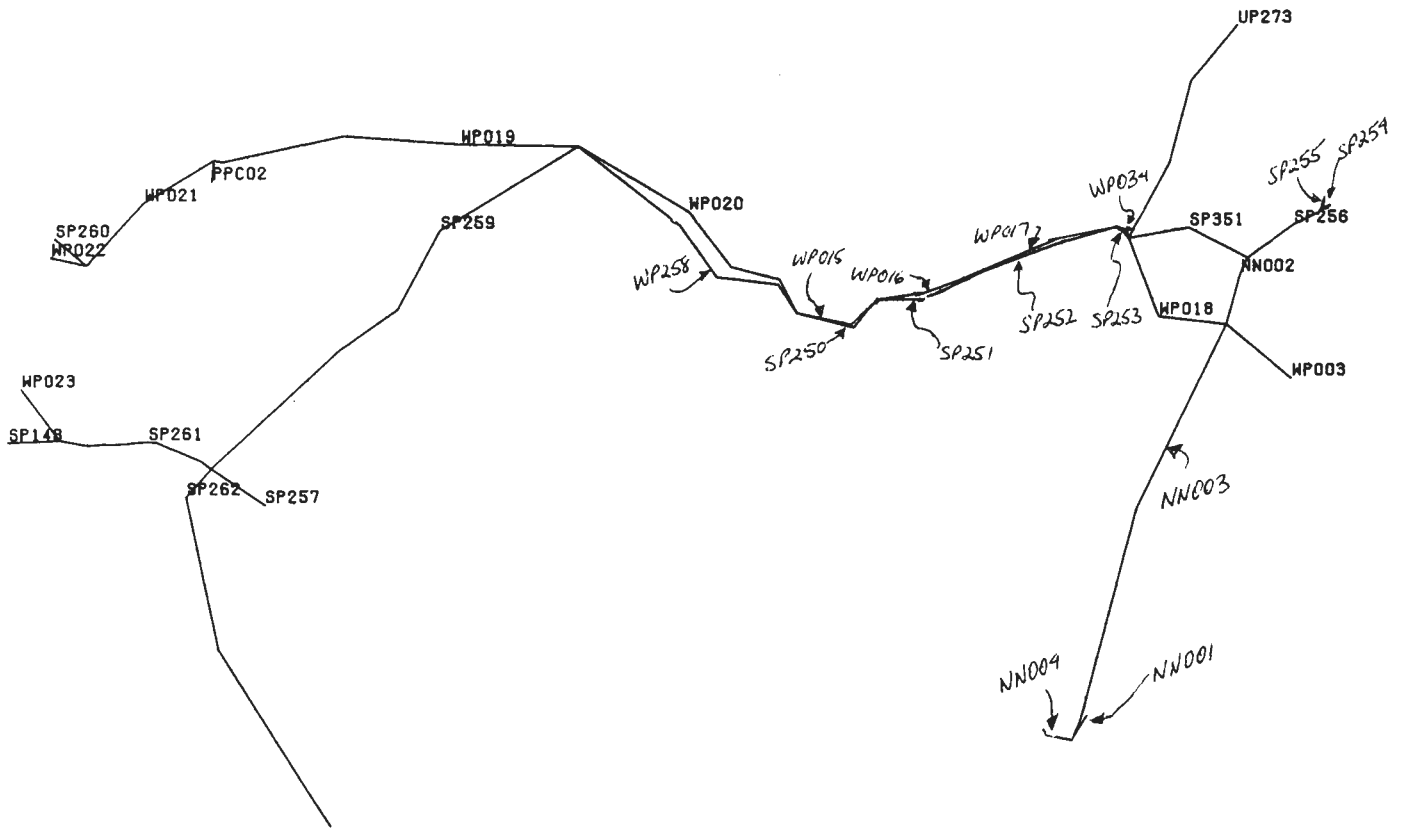
MAP 28A: NEBRASKA
LINE IDENTIFICATION



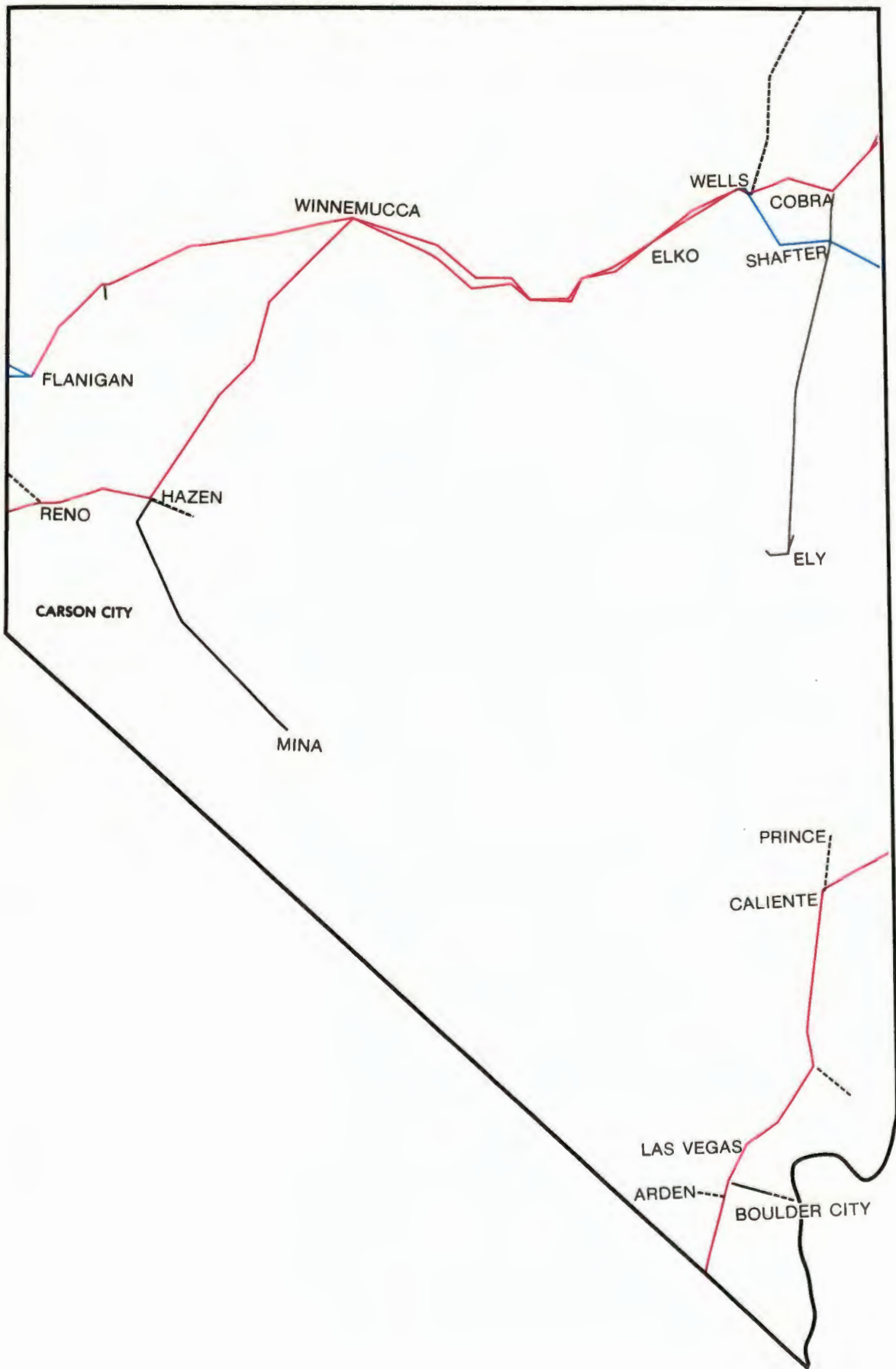


MAP 28B: NEBRASKA
LINE DESIGNATIONS

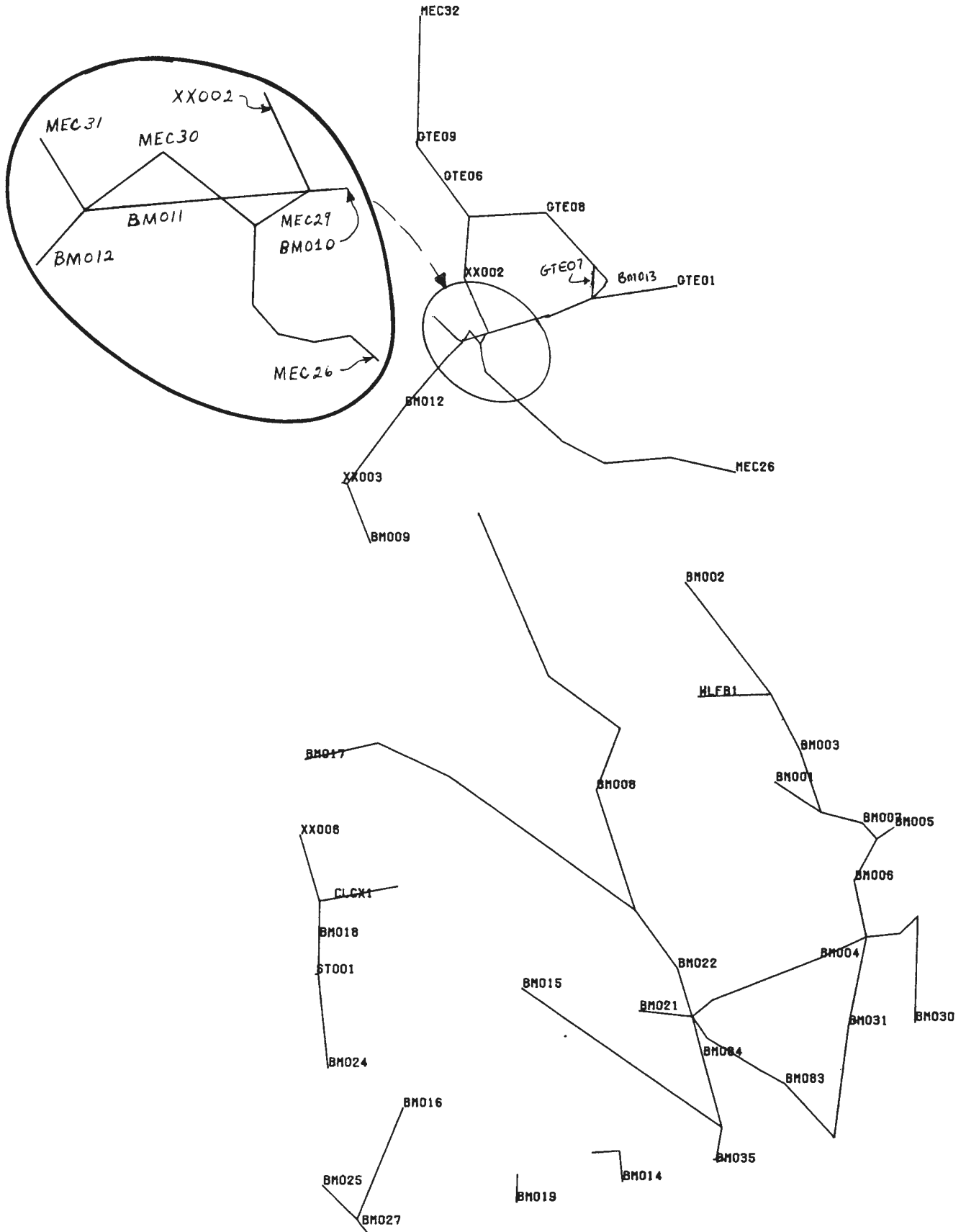
MAP 29A: NEVADA
LINE IDENTIFICATION



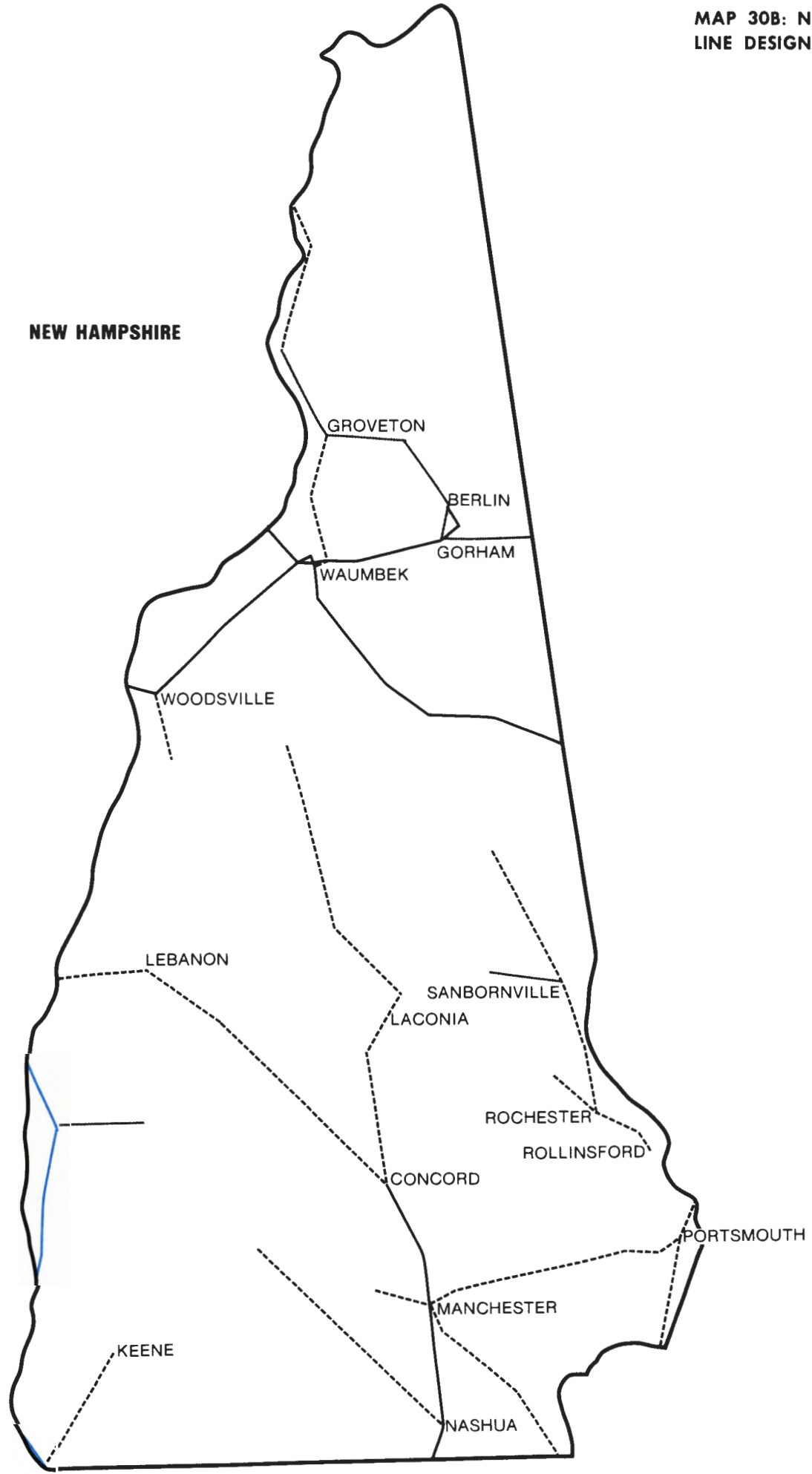
MAP 29B: NEVADA
LINE DESIGNATIONS



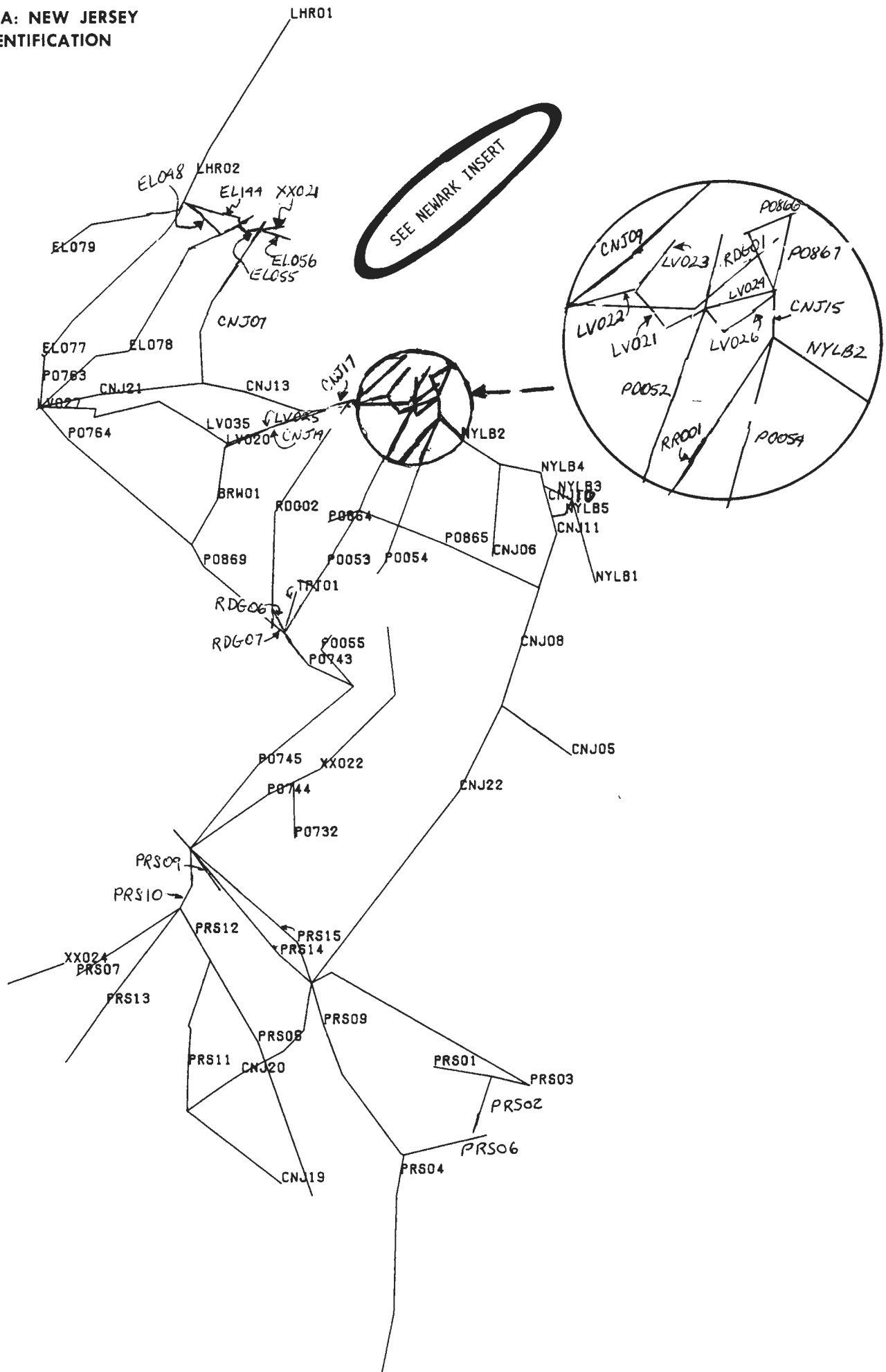
MAP 30A: NEW HAMPSHIRE
LINE IDENTIFICATION



MAP 30B: NEW HAMPSHIRE
LINE DESIGNATIONS

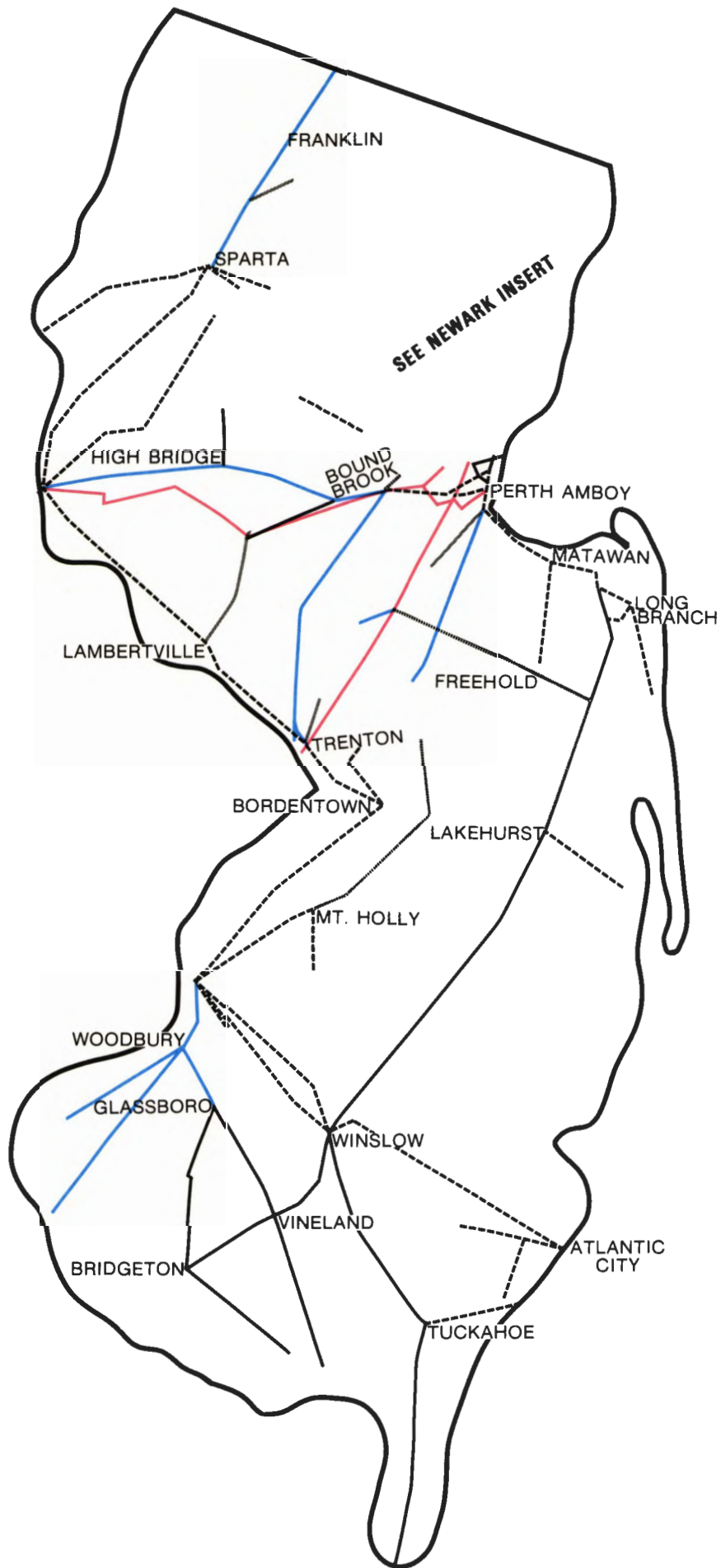


MAP 31A: NEW JERSEY
LINE IDENTIFICATION

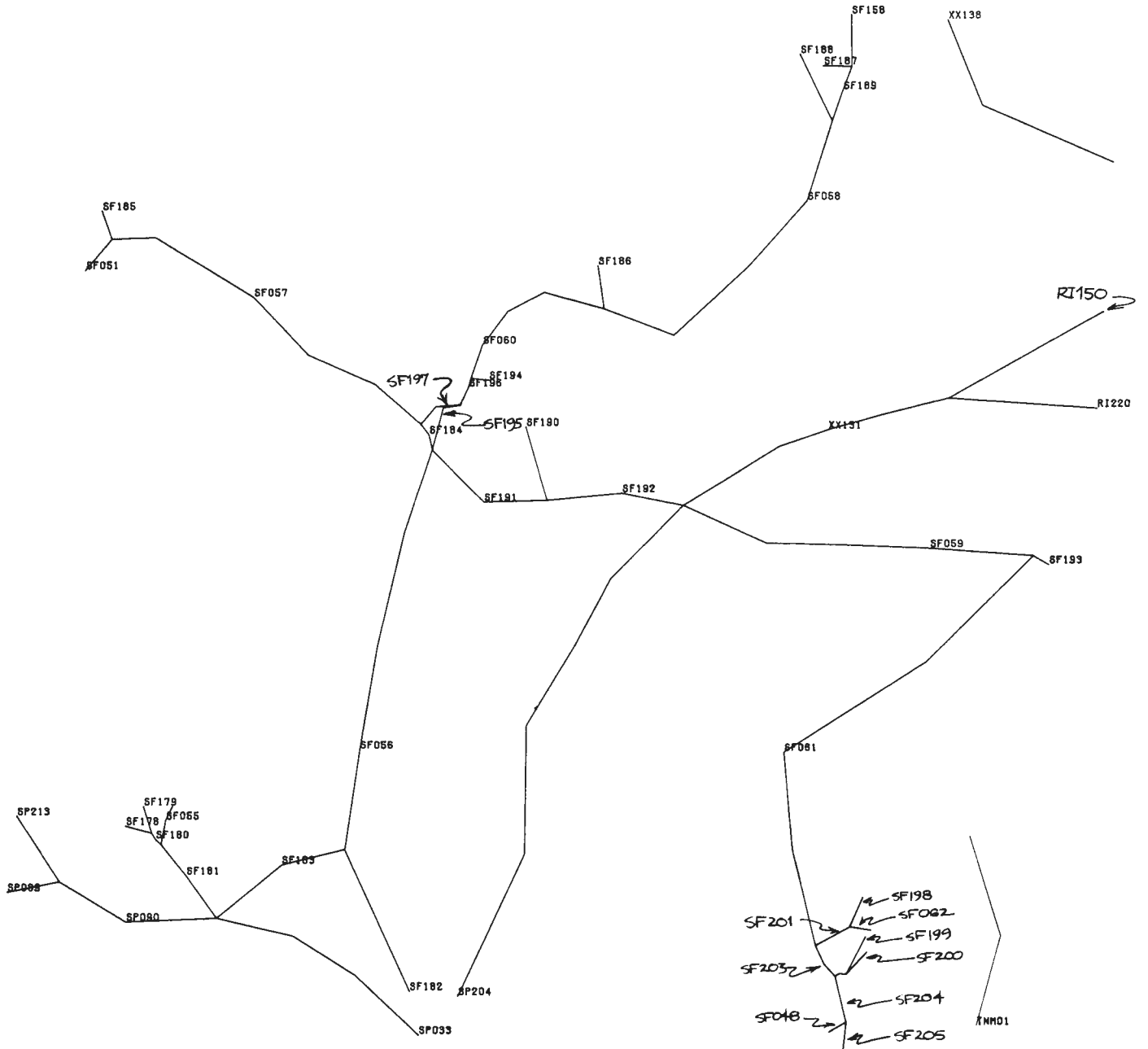


MAP 31B: NEW JERSEY
LINE DESIGNATIONS

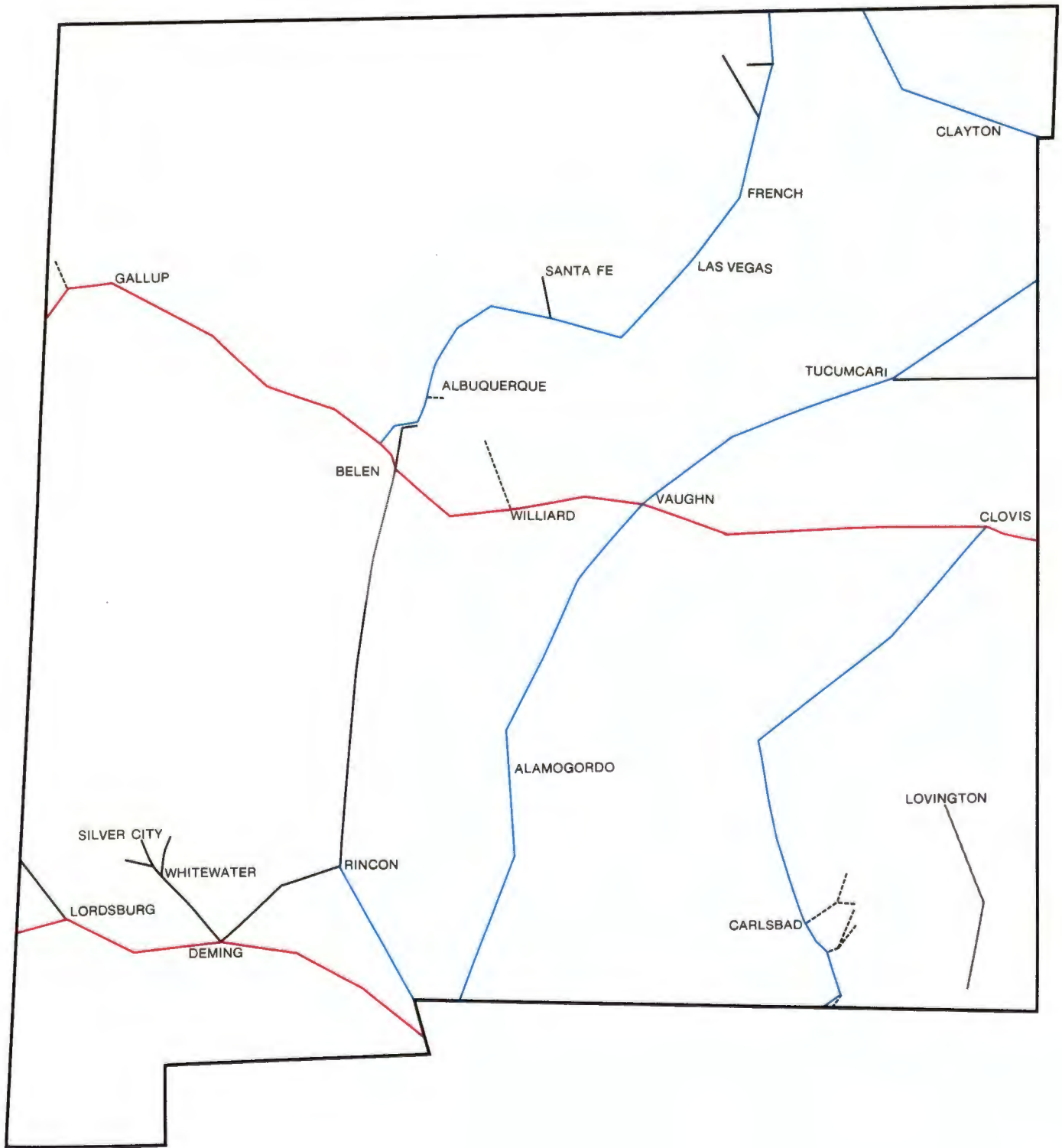
NEW JERSEY



MAP 32A: NEW MEXICO
LINE IDENTIFICATION

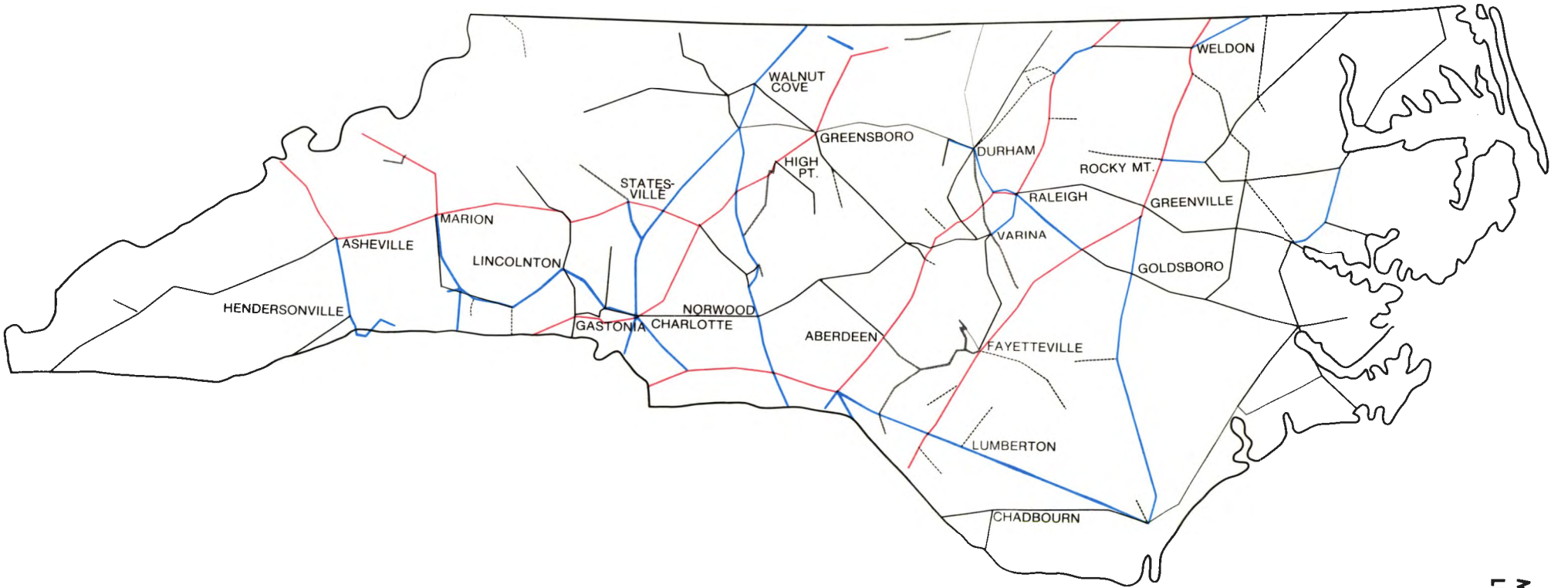


**MAP 32B: NEW MEXICO
LINE DESIGNATIONS**

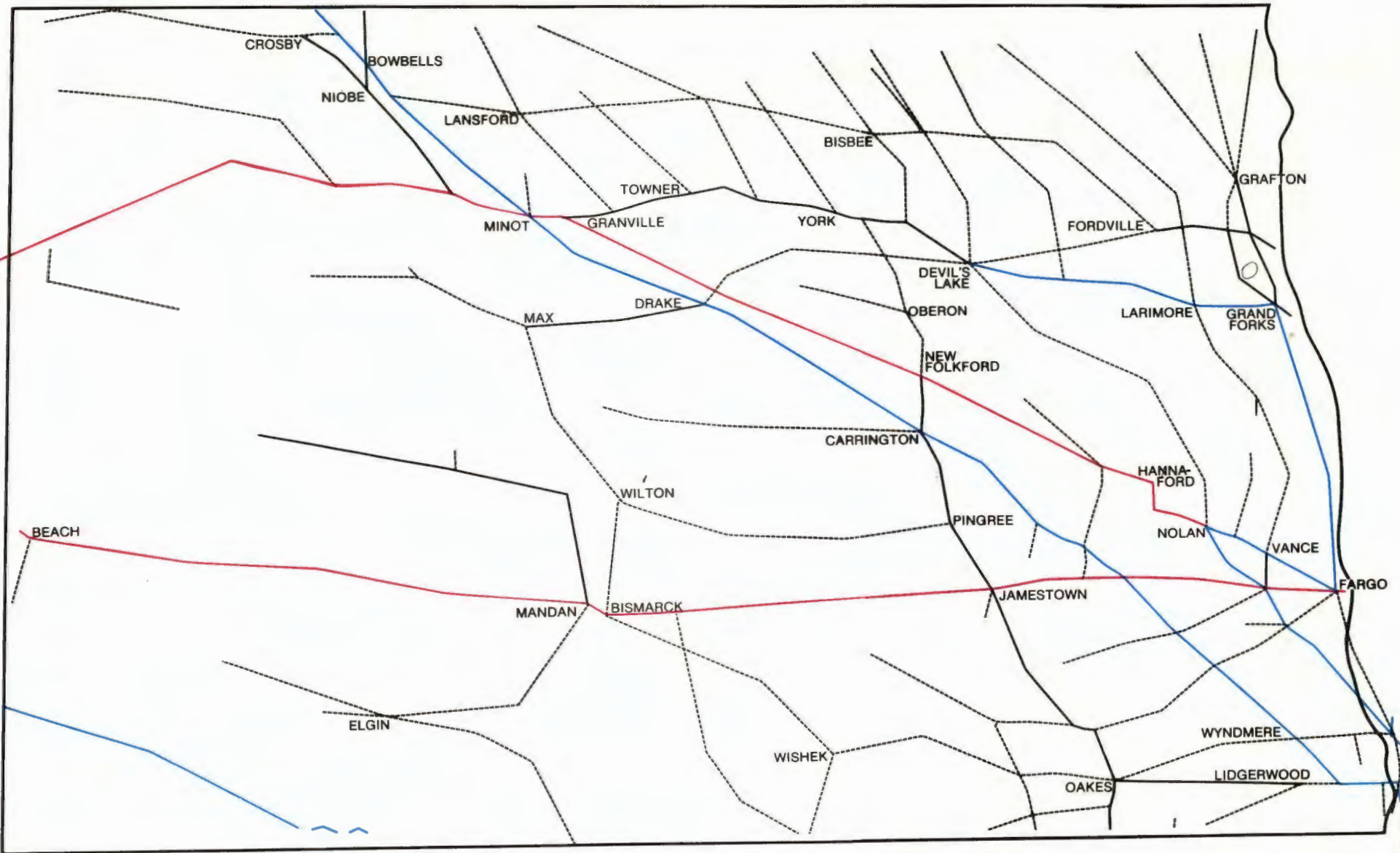




MAP 33B: NEW YORK
LINE DESIGNATIONS

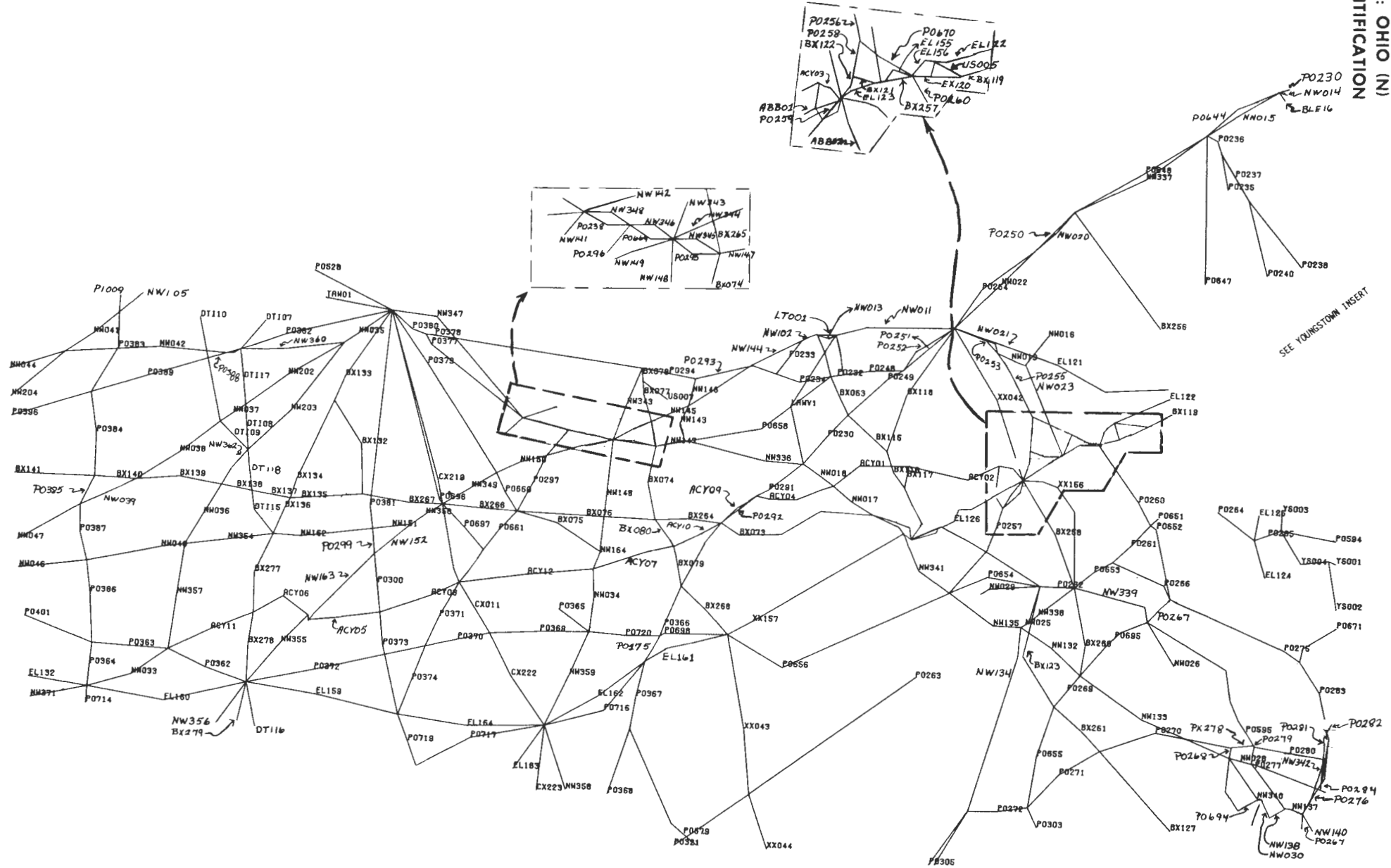


MAP 34B: NORTH CAROLINA
LINE DESIGNATIONS

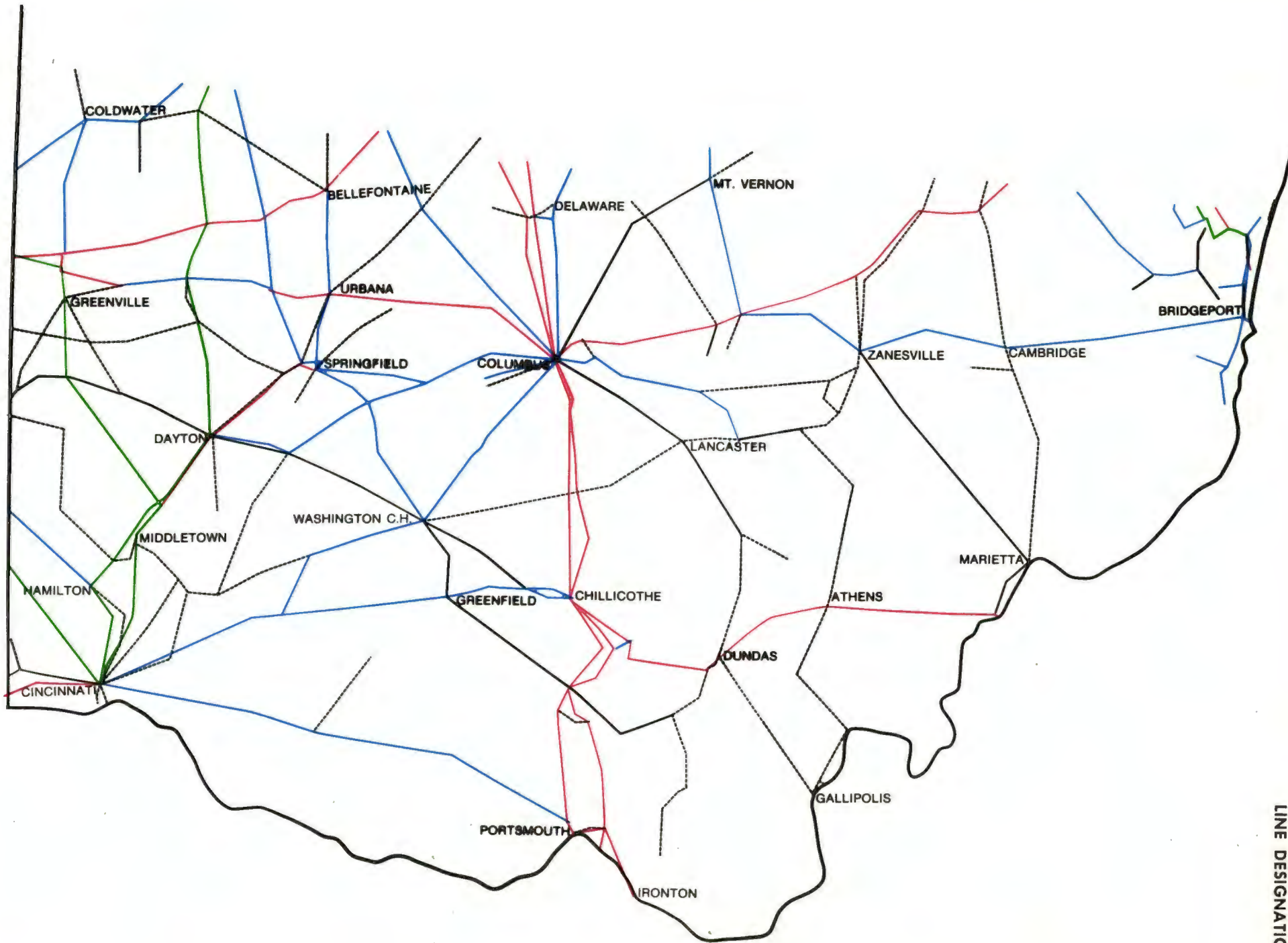


MAP 35B: NORTH DAKOTA
LINE DESIGNATIONS

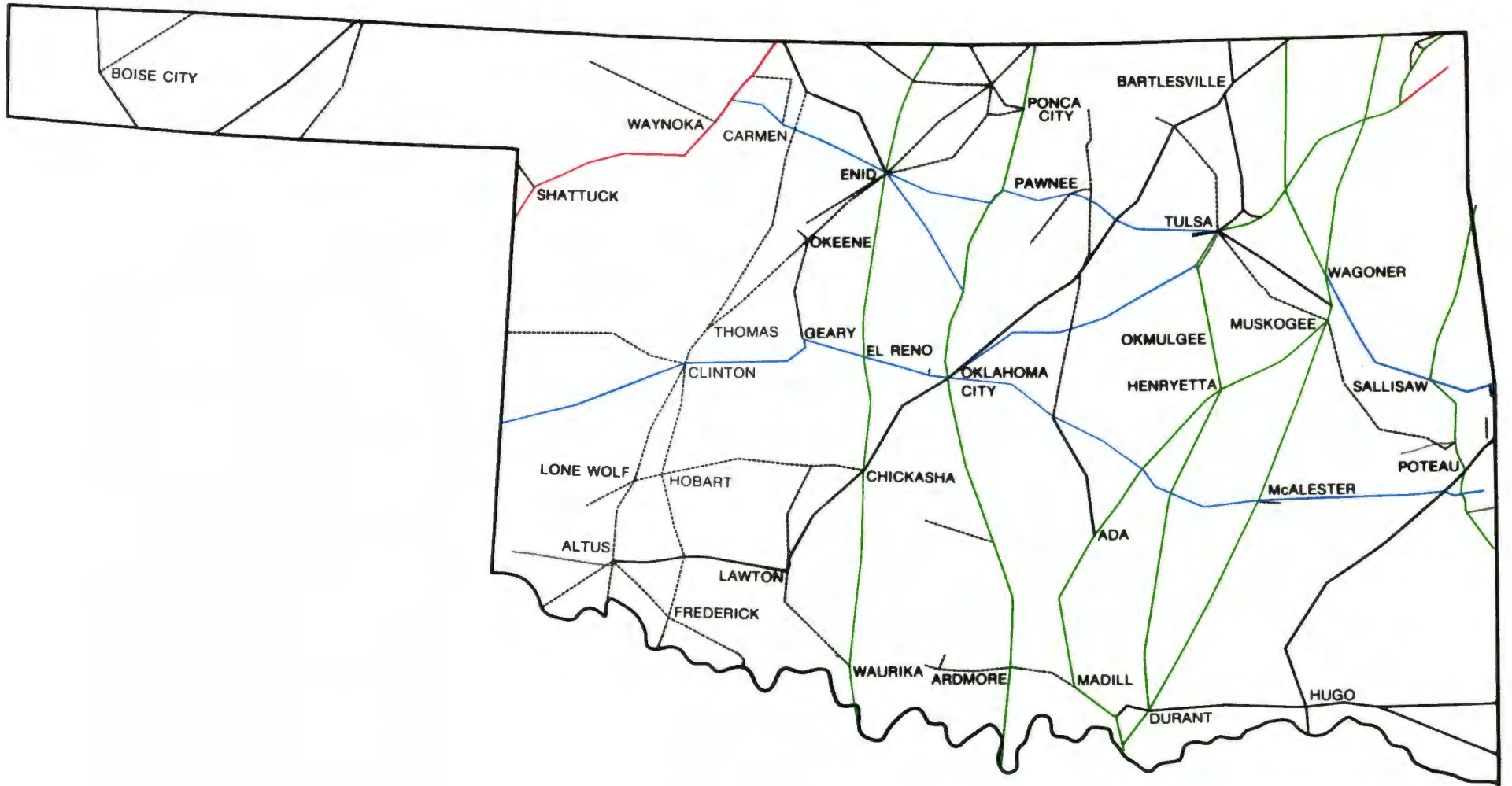
MAP 36A: OHIO (N)
LINE IDENTIFICATION



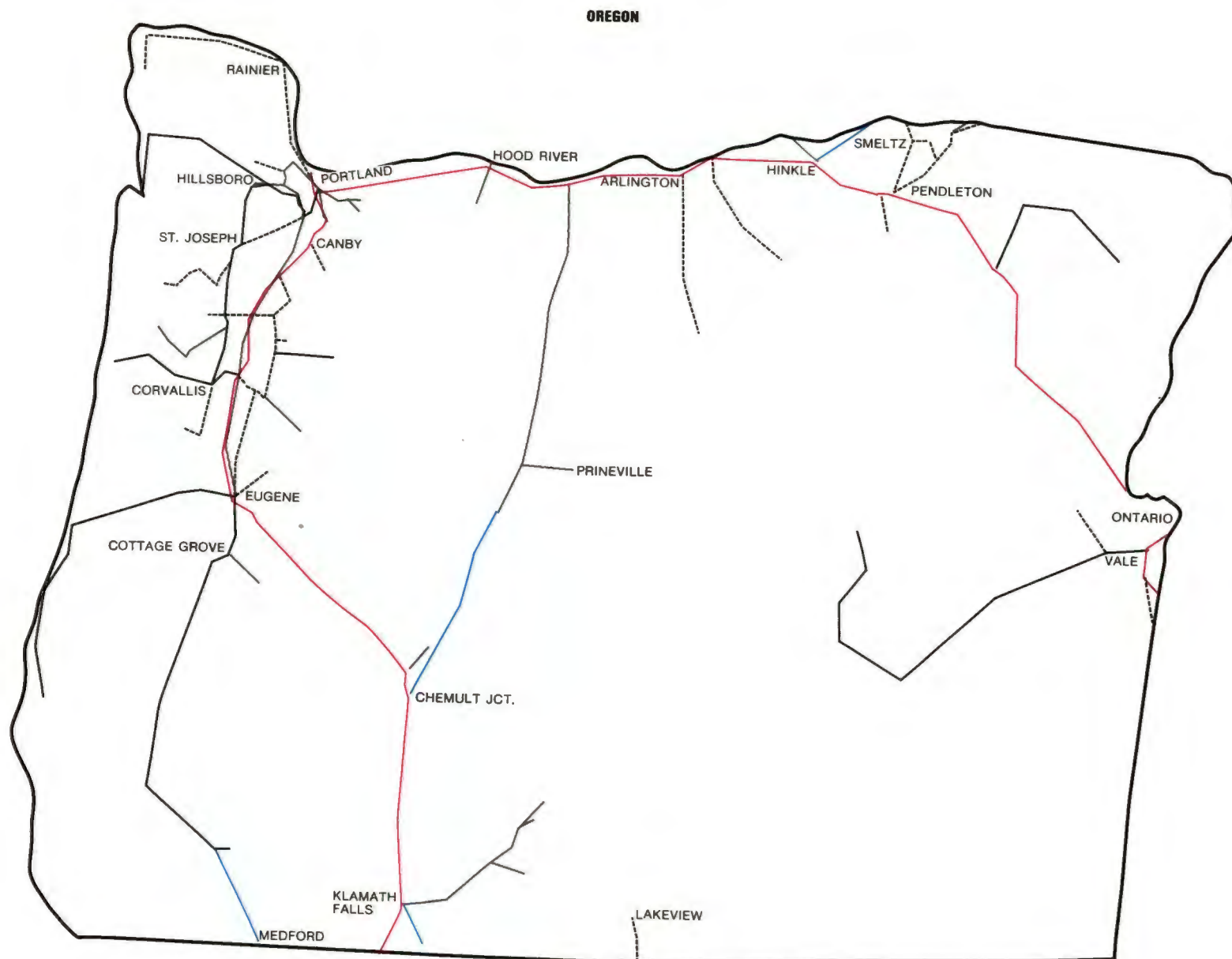
SEE YOUNGSTOWN INSERT



MAP 37B: OHIO (S)
LINE DESIGNATIONS

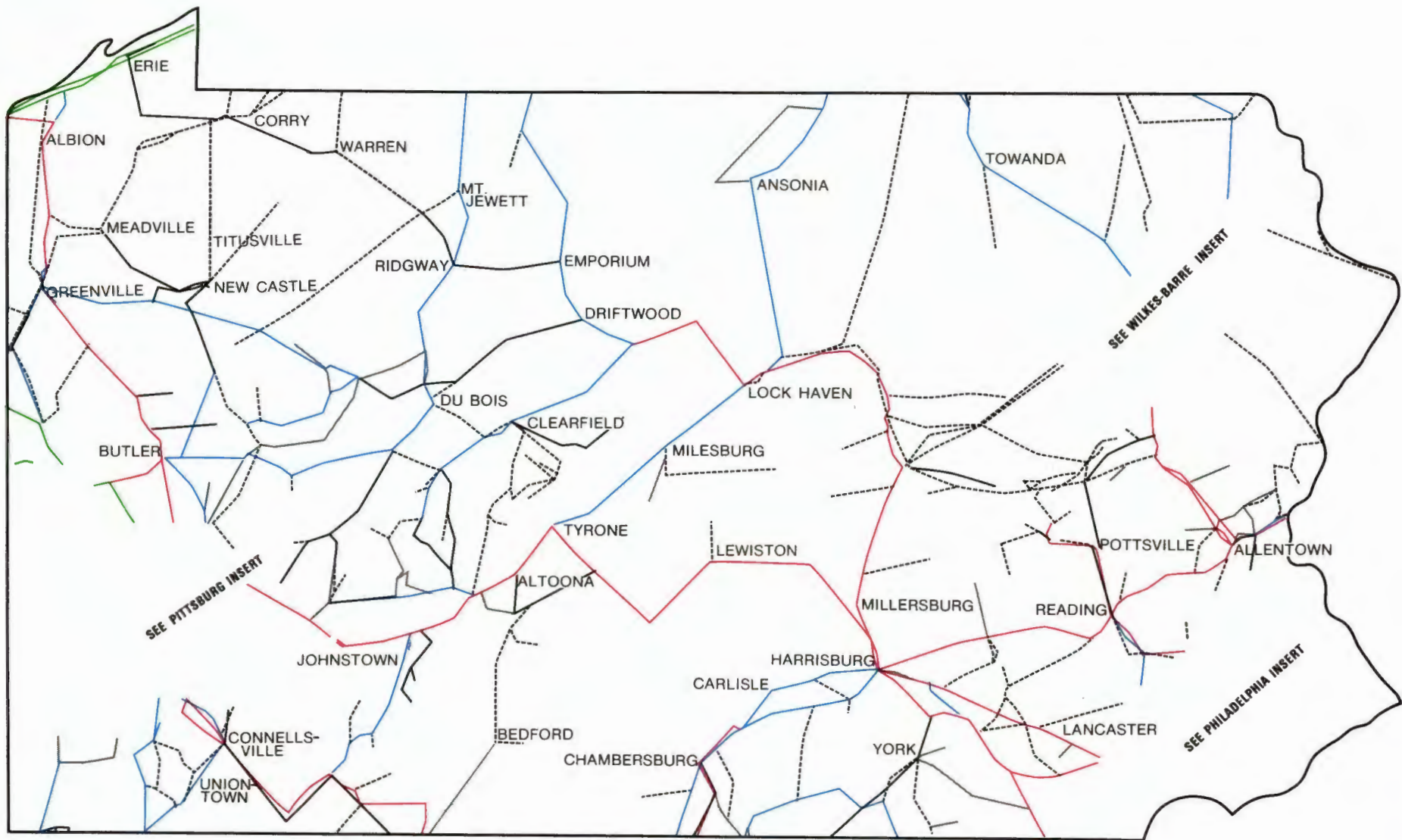


MAP 38B: OKLAHOMA
LINE DESIGNATIONS



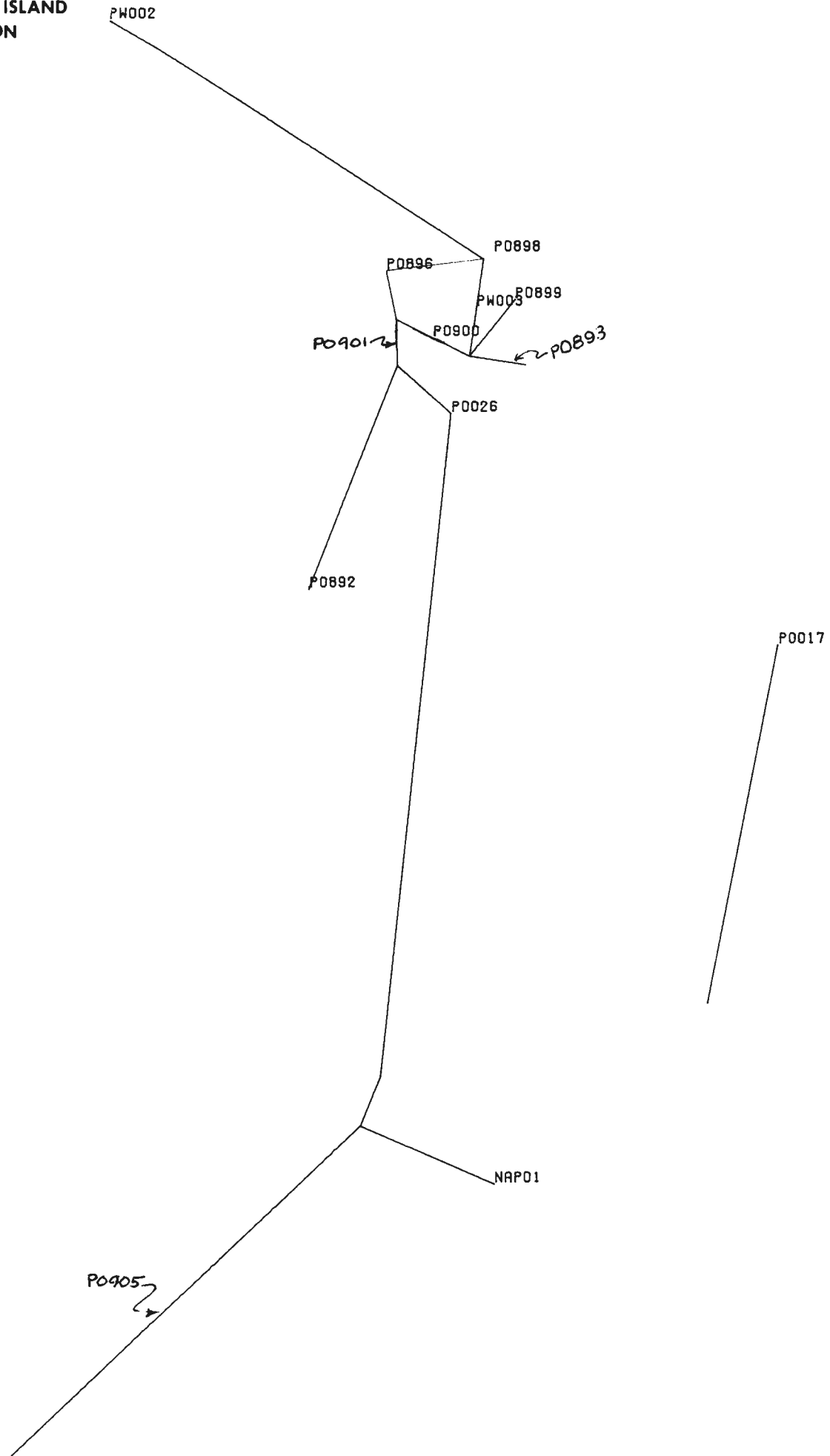
OREGON

MAP 398. OREGON
LINE DESIGNATIONS

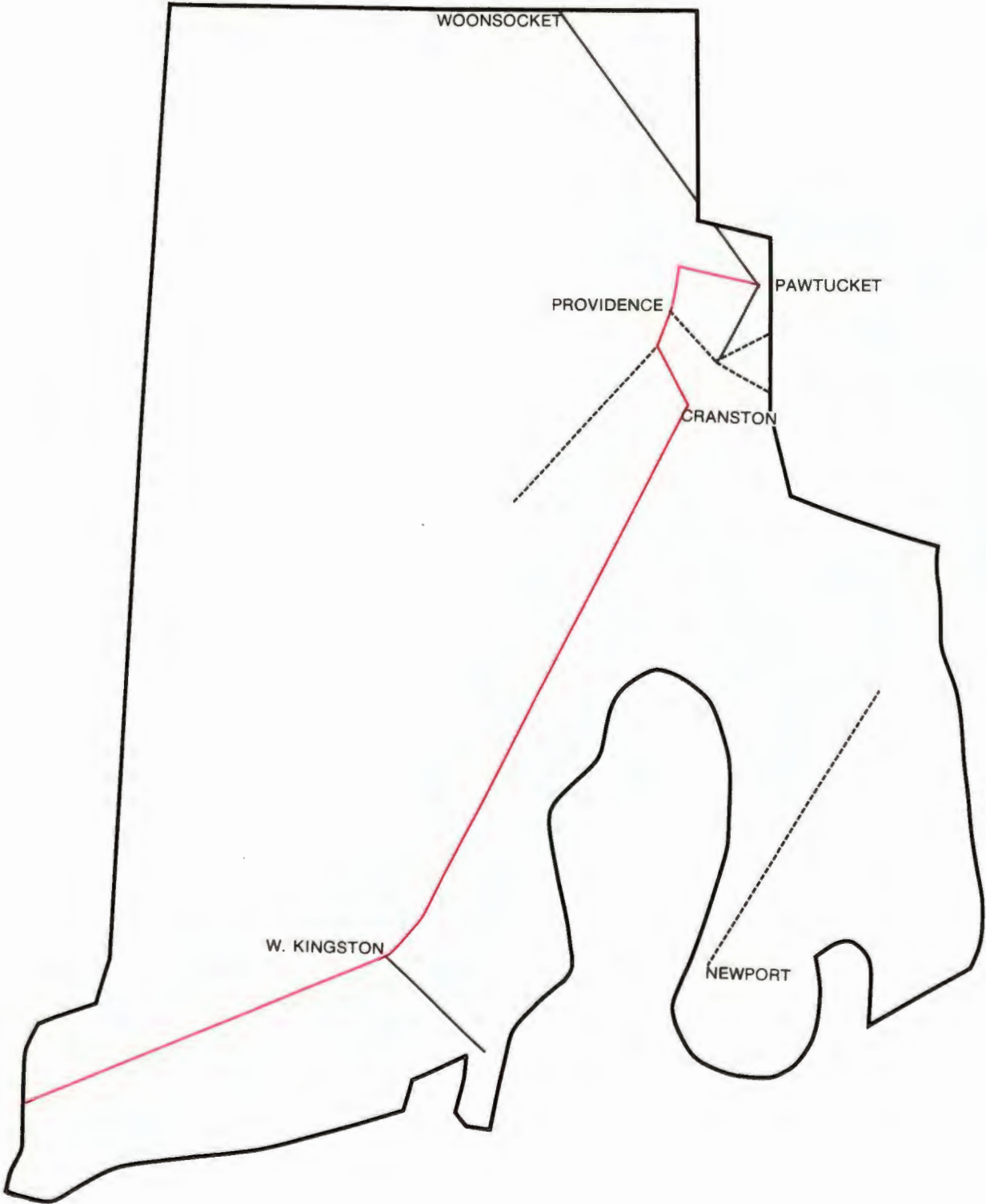


MAP 40B: PENNSYLVANIA
LINE DESIGNATIONS

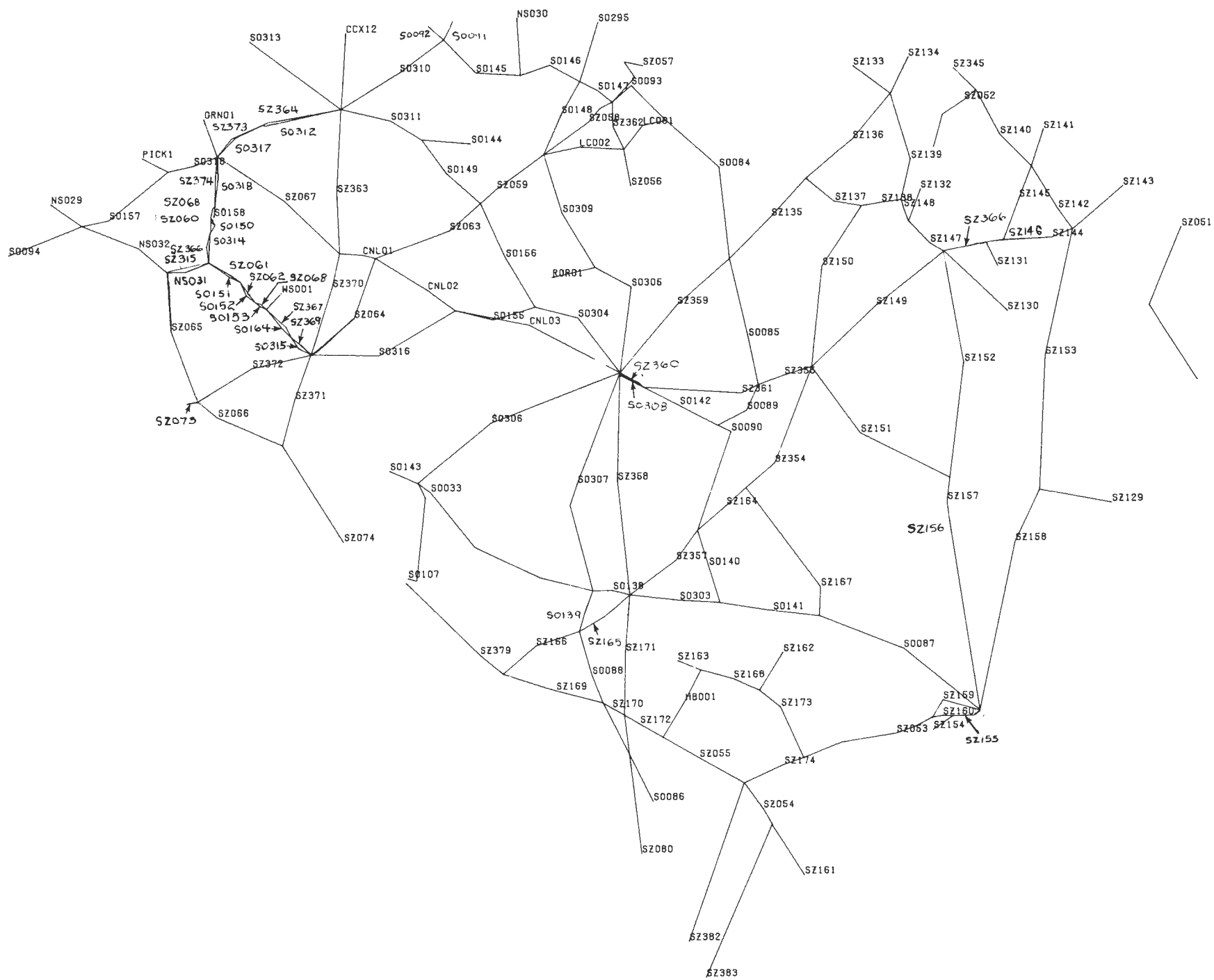
MAP 41A: RHODE ISLAND
LINE IDENTIFICATION

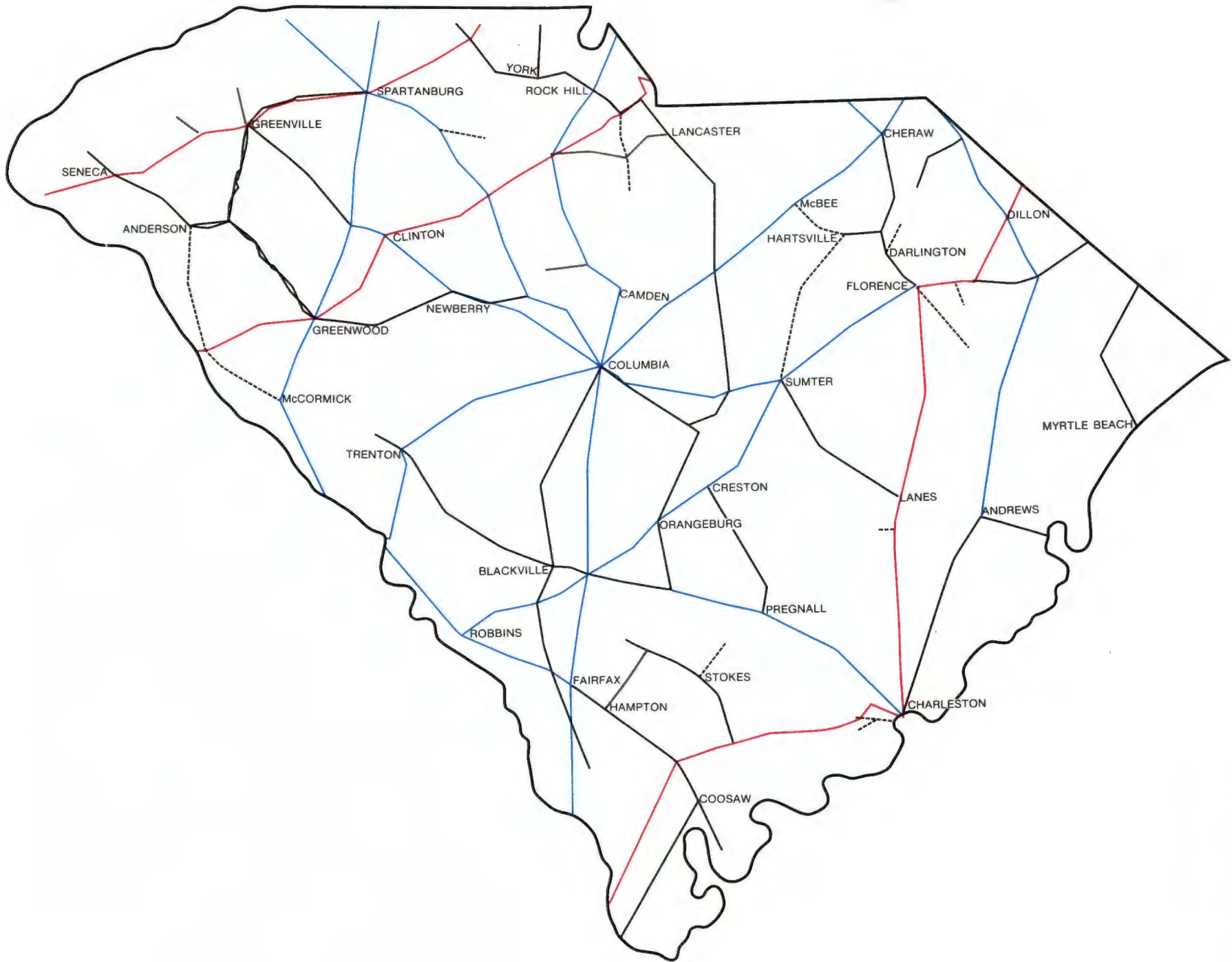


**MAP 41B: RHODE ISLAND
LINE DESIGNATIONS**

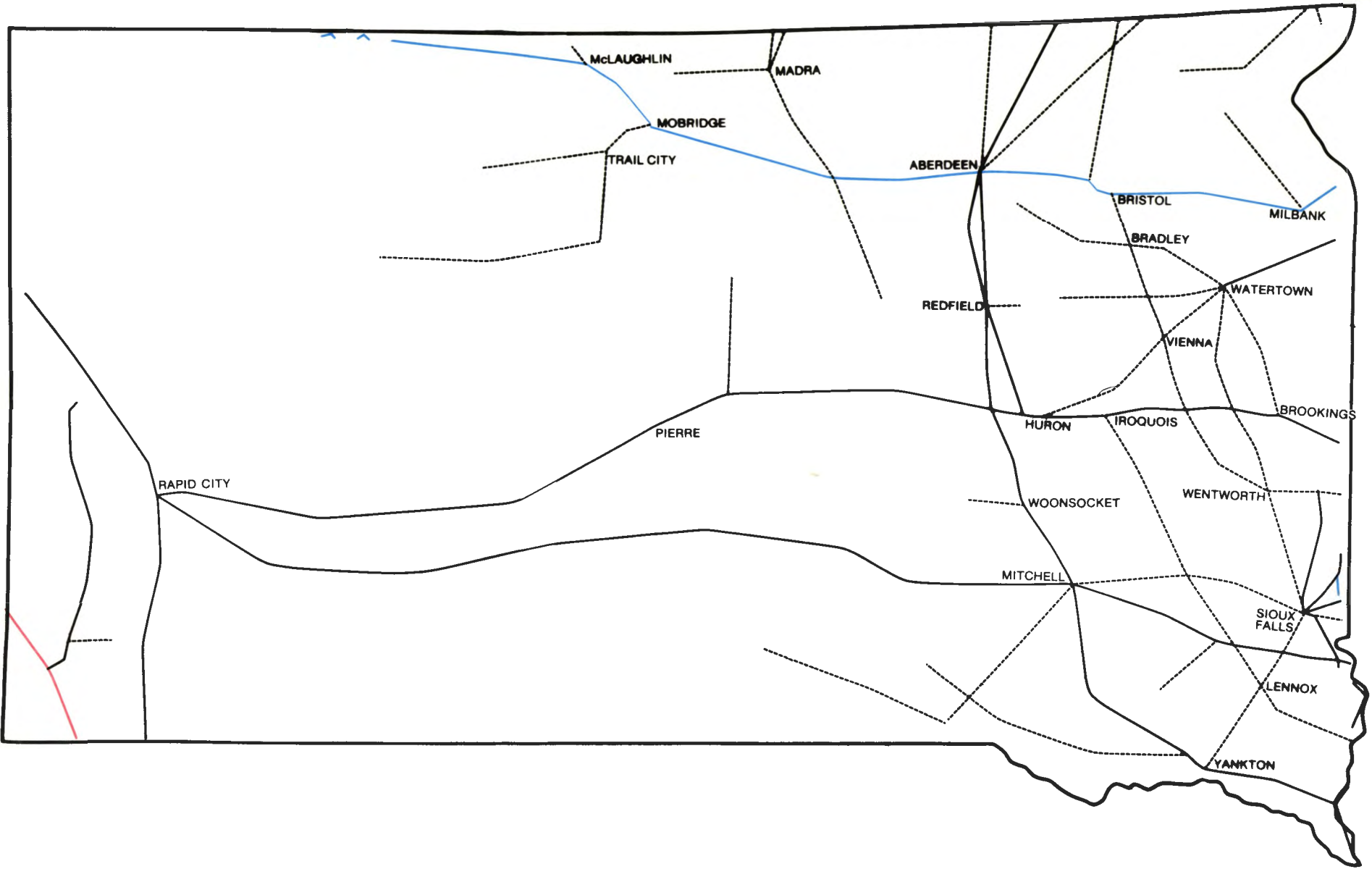


MAP 42A: SOUTH CAROLINA
LINE IDENTIFICATION

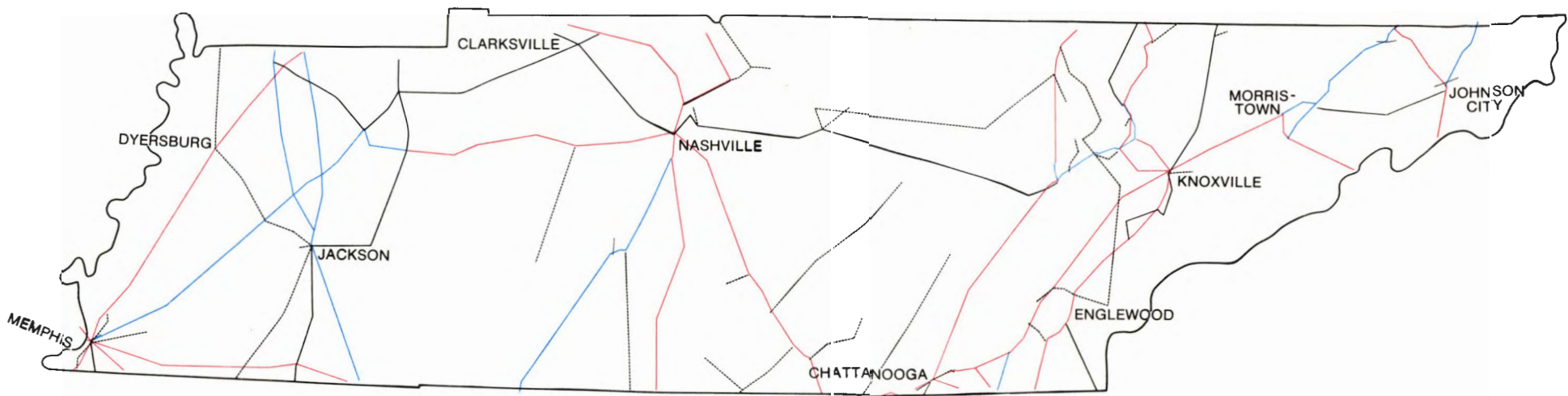




MAP 42B: SOUTH CAROLINA
LINE DESIGNATIONS

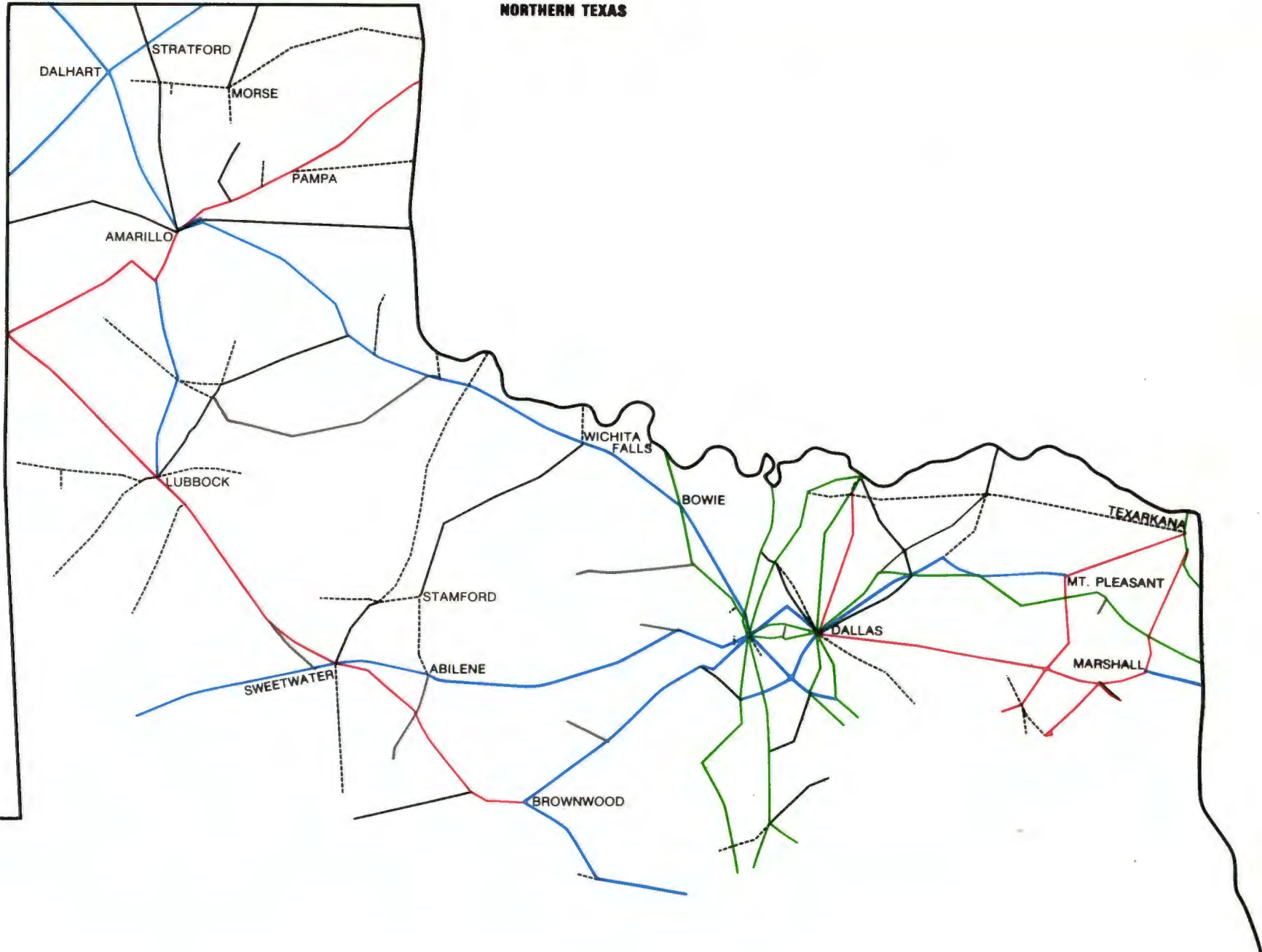


MAP 43B: SOUTH DAKOTA
LINE DESIGNATIONS

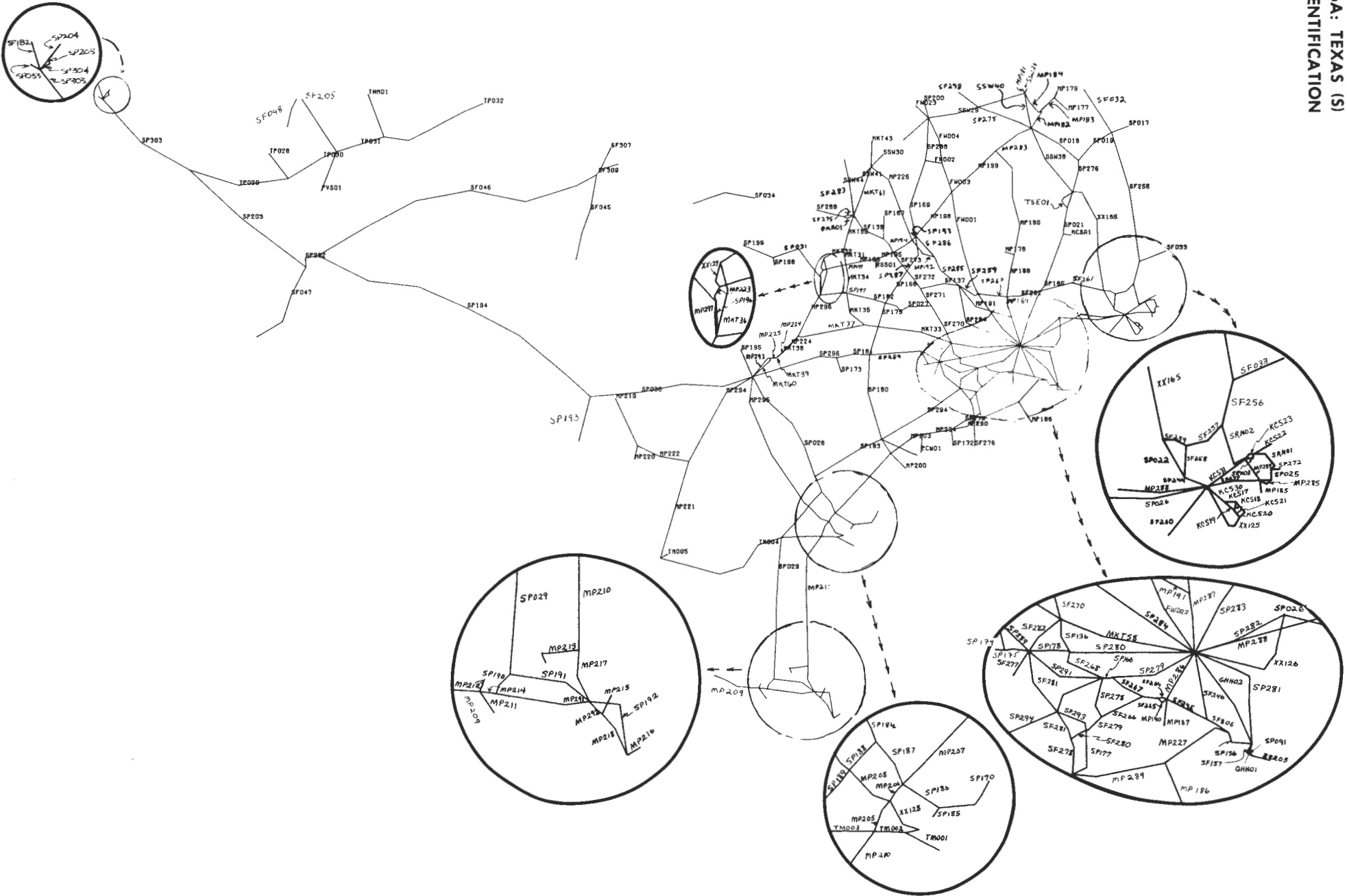


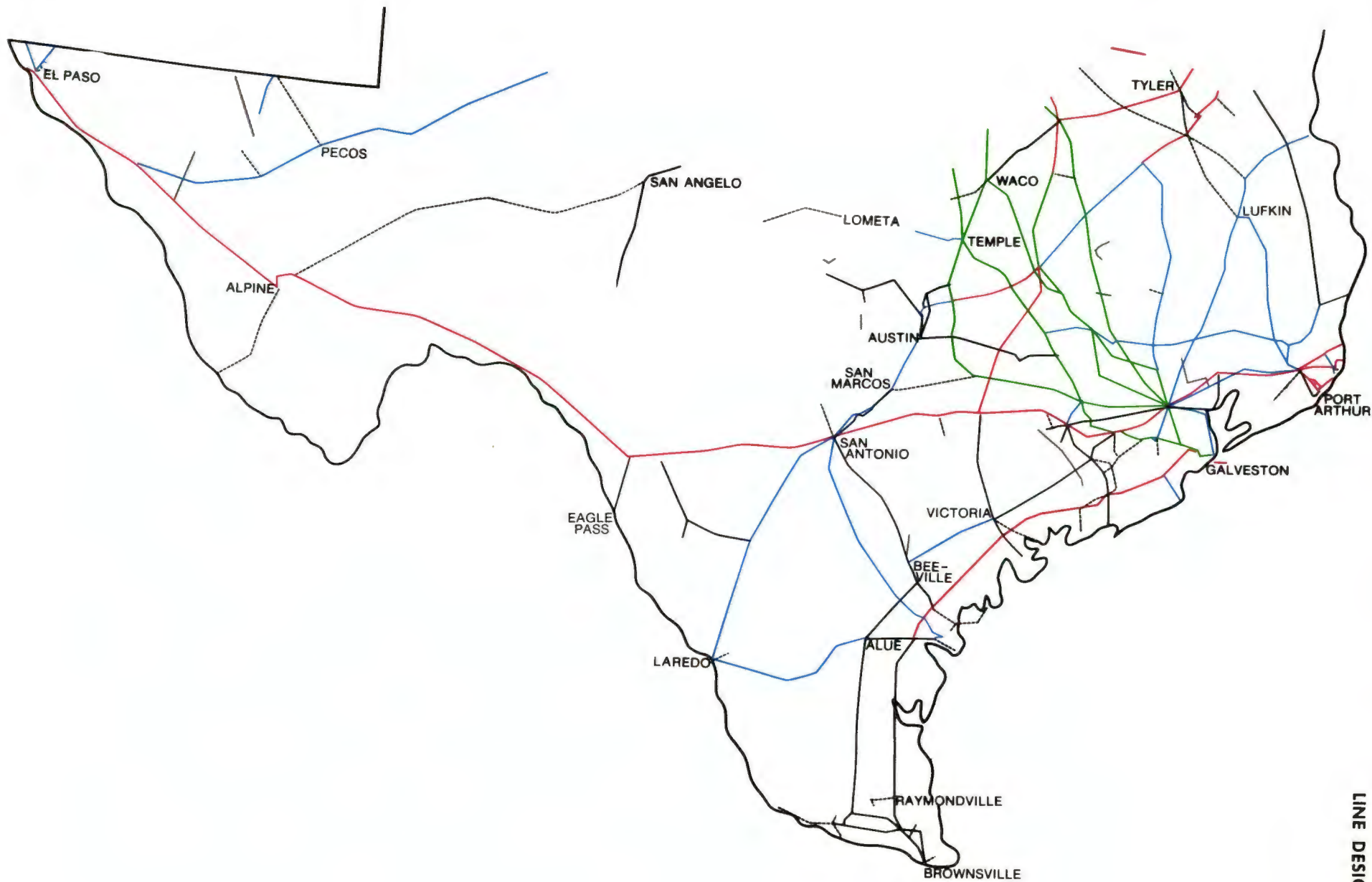
MAP 44B: TENNESSEE
LINE DESIGNATIONS

NORTHERN TEXAS



MAP 45B: TEXAS (N)
LINE DESIGNATIONS



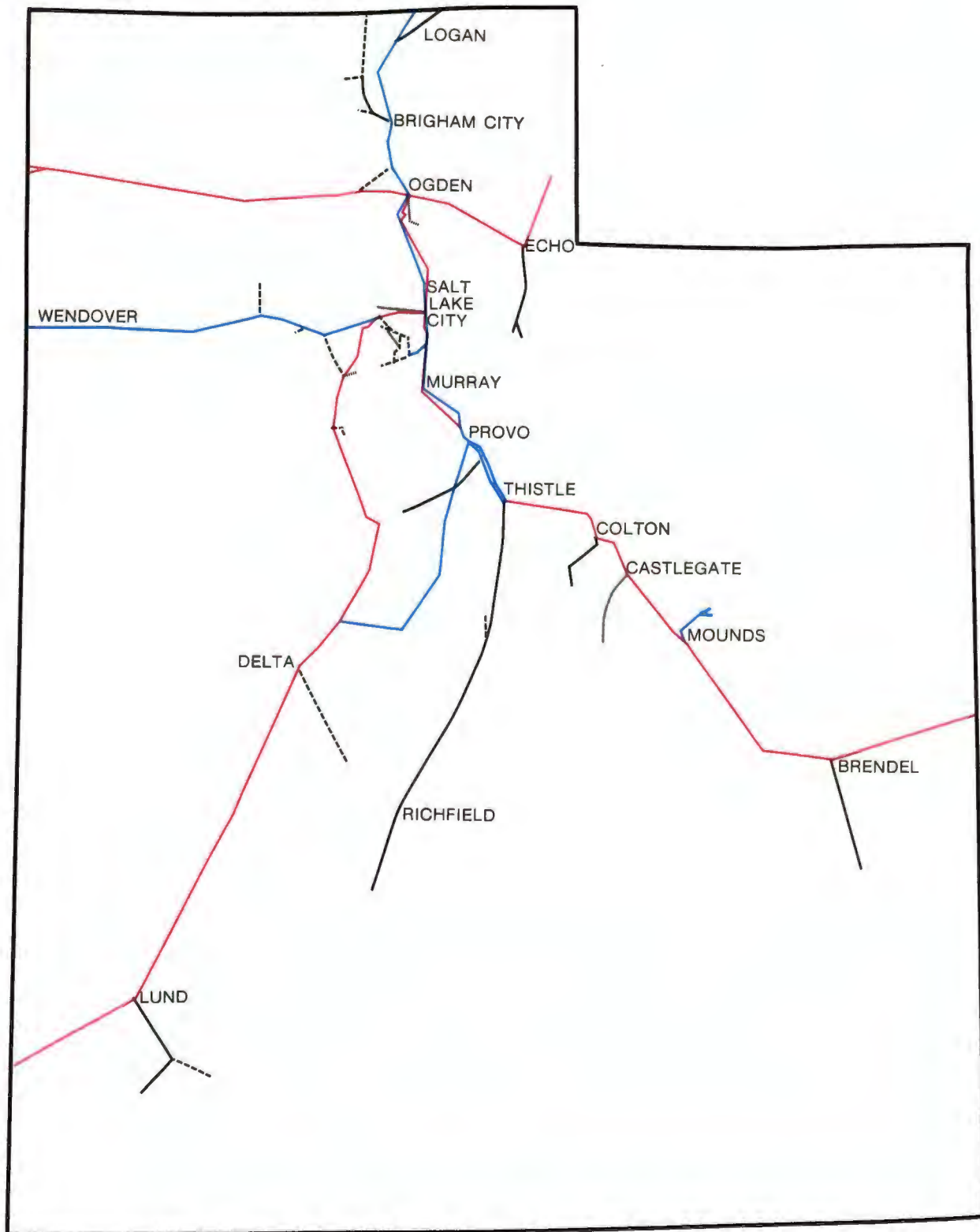


MAP 46B: TEXAS (S)
LINE DESIGNATIONS

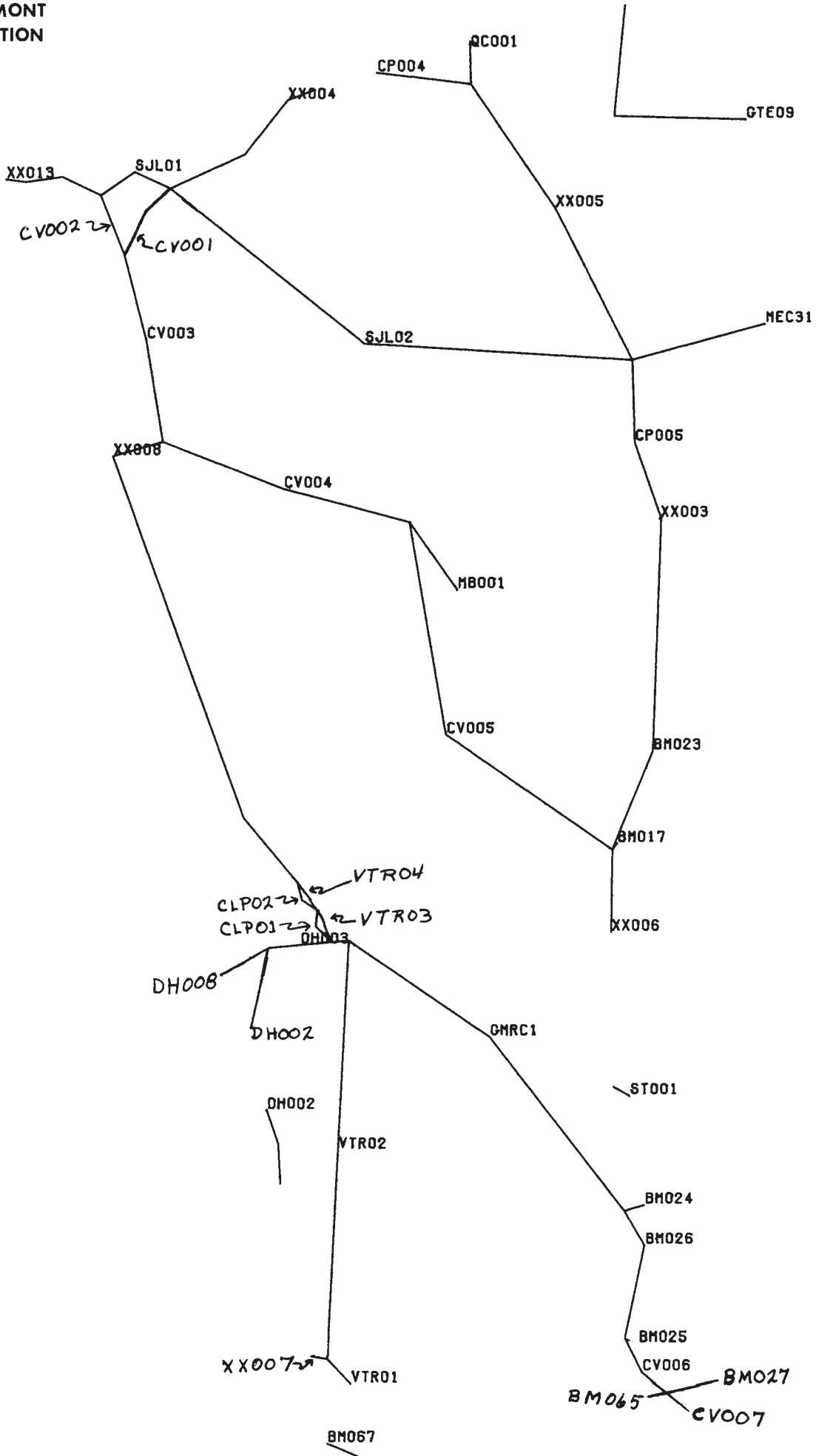
MAP 47A: UTAH
LINE IDENTIFICATION



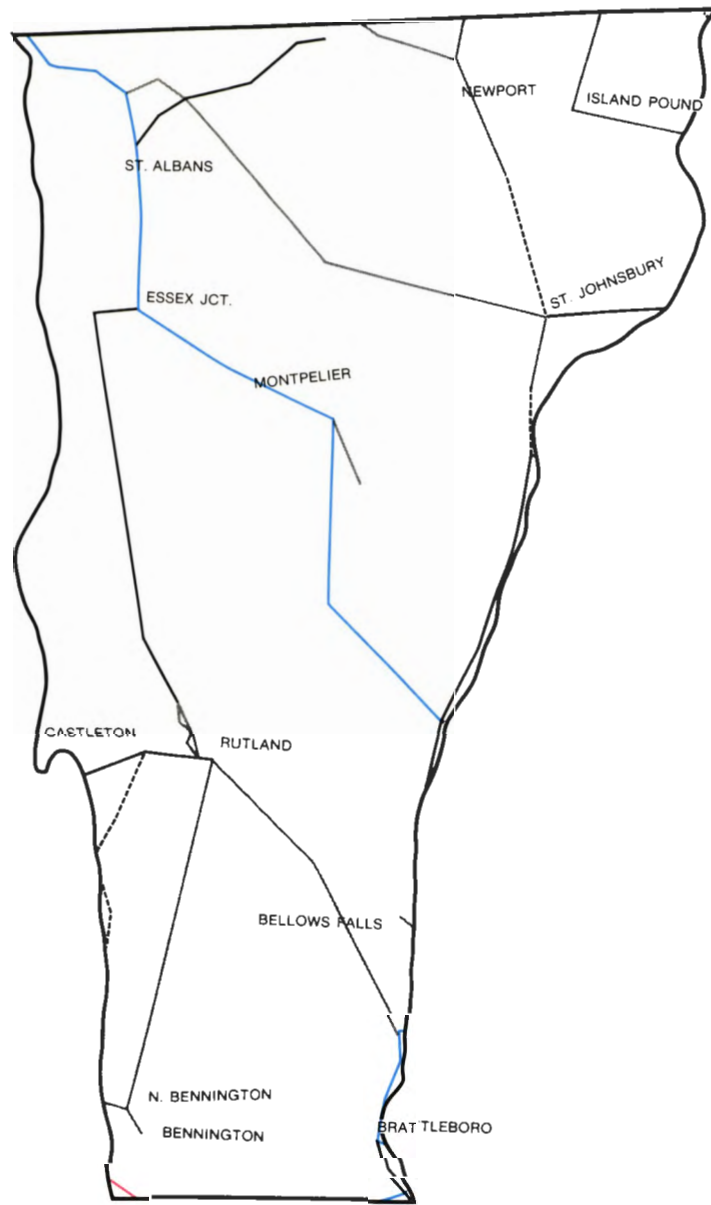
MAP 47B: UTAH
LINE DESIGNATIONS



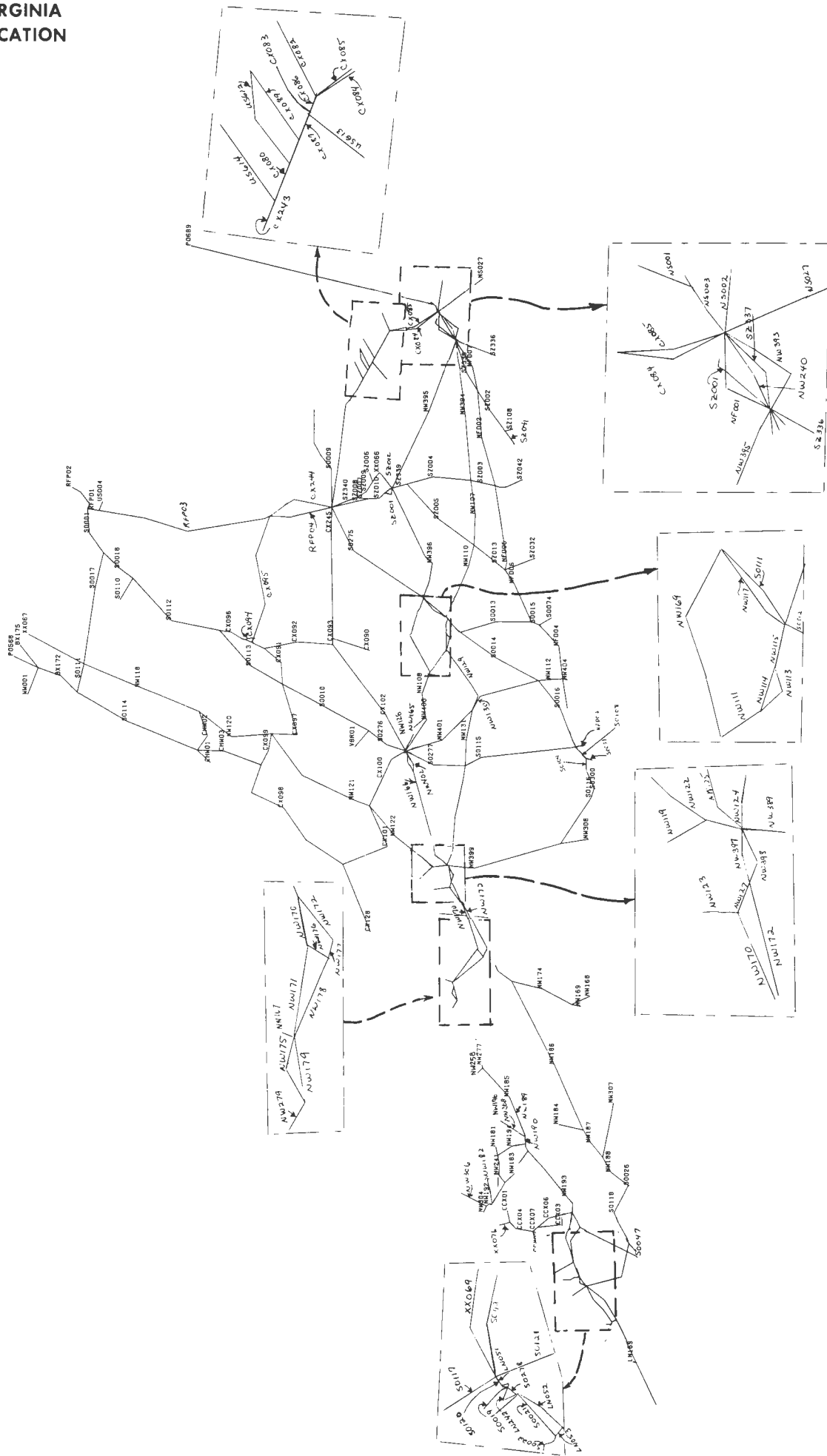
MAP 48A: VERMONT
LINE IDENTIFICATION

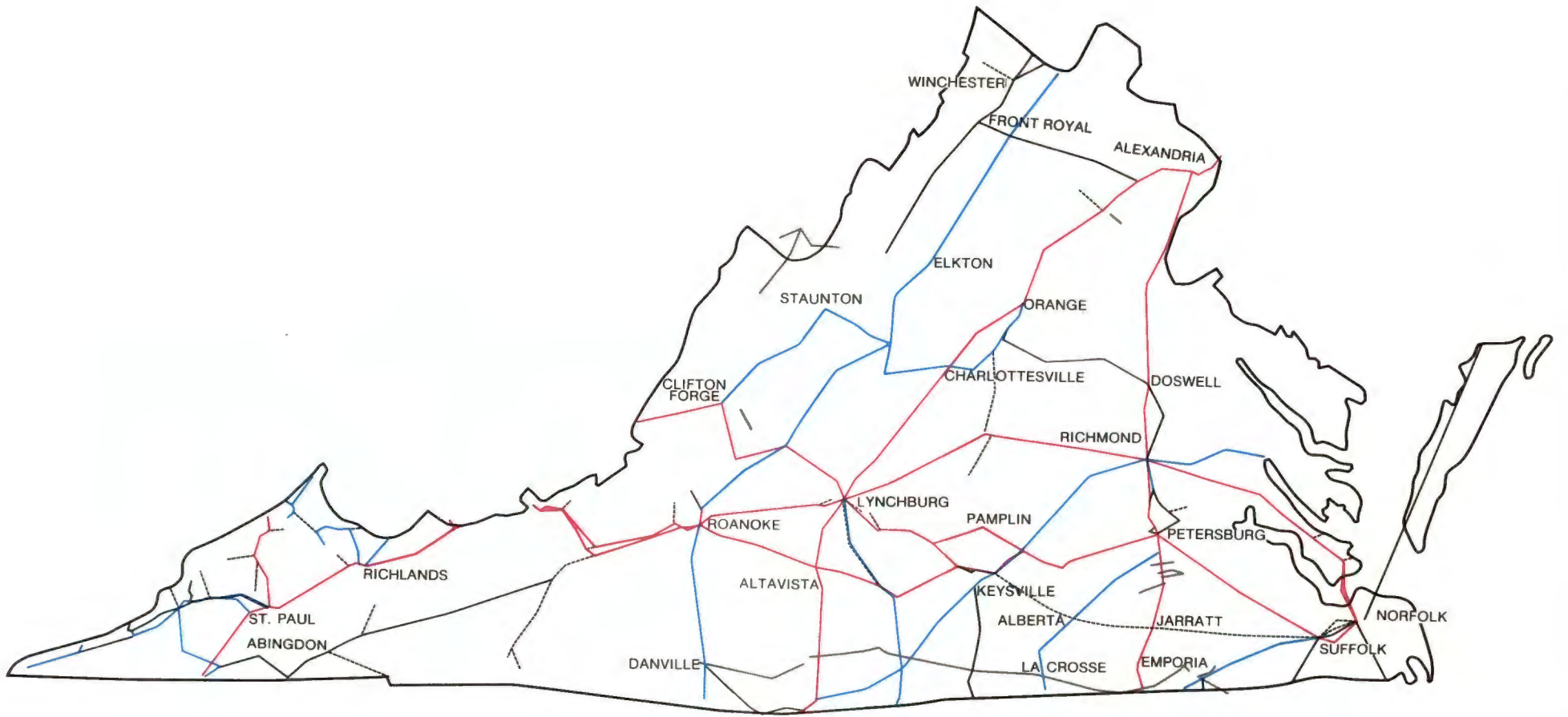


MAP 48B: VERMONT
LINE DESIGNATIONS



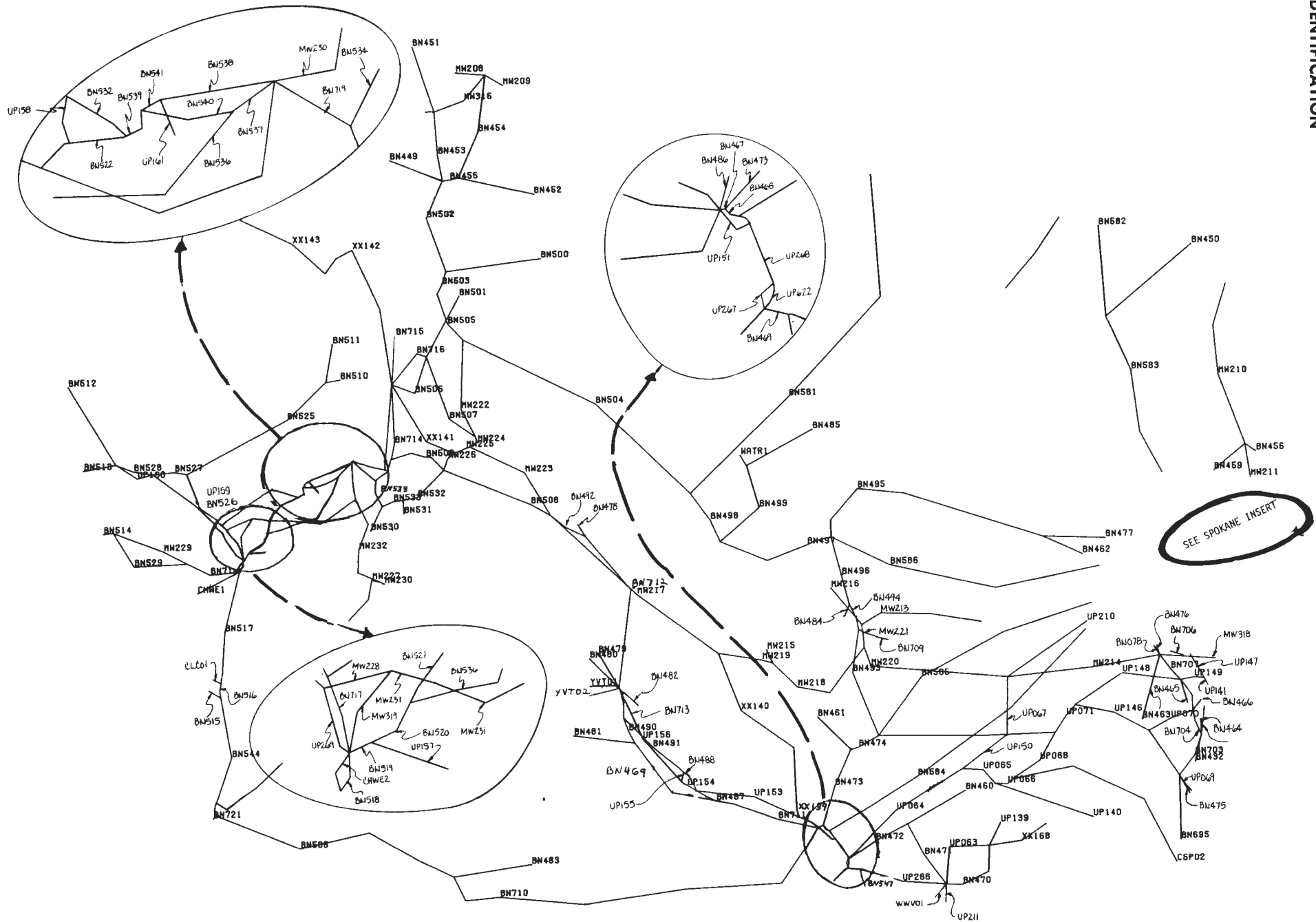
**MAP 49A: VIRGINIA
LINE IDENTIFICATION**

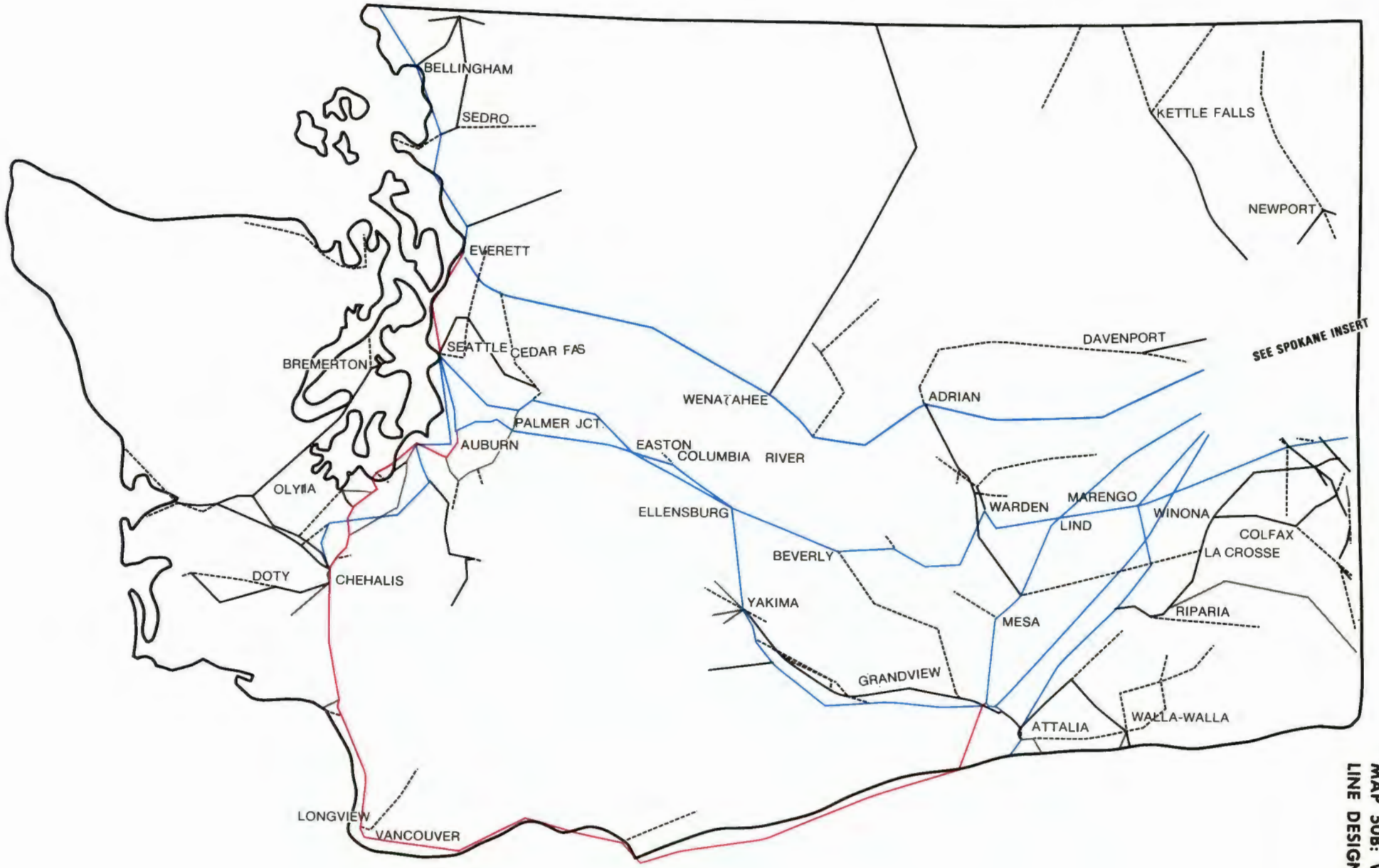




MAP 498: VIRGINIA
LINE DESIGNATIONS

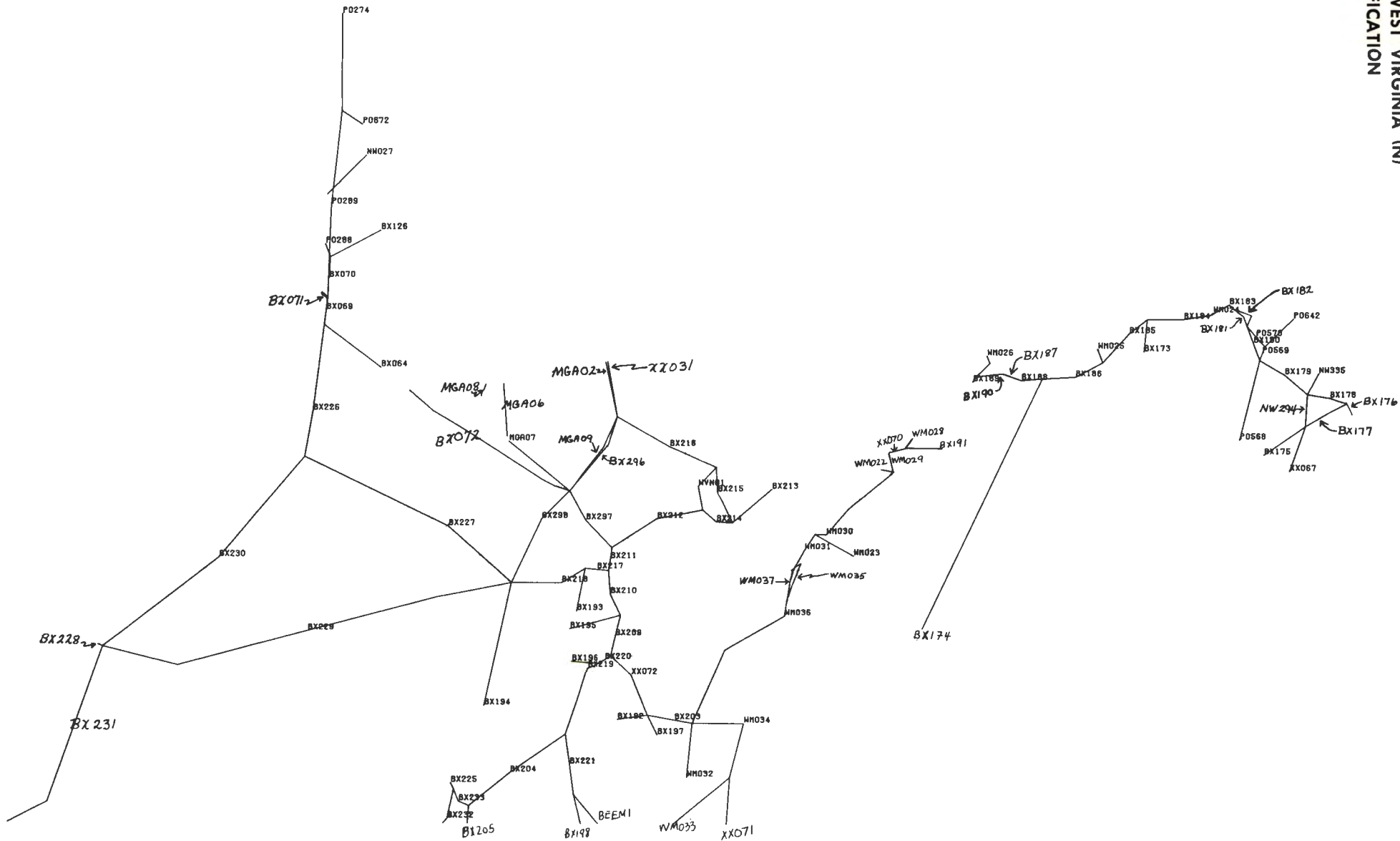
MAP 50A: WASHINGTON
LINE IDENTIFICATION



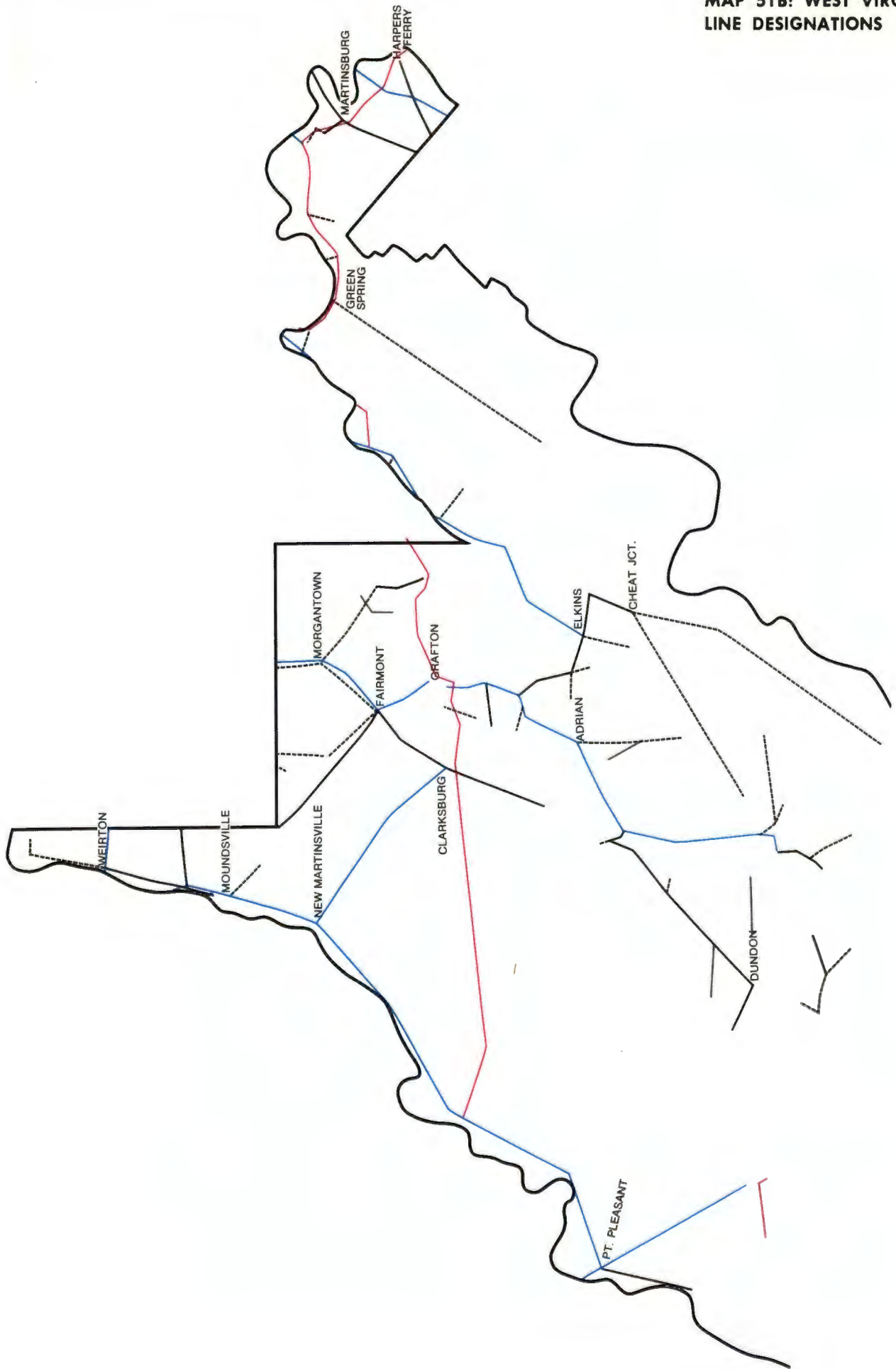


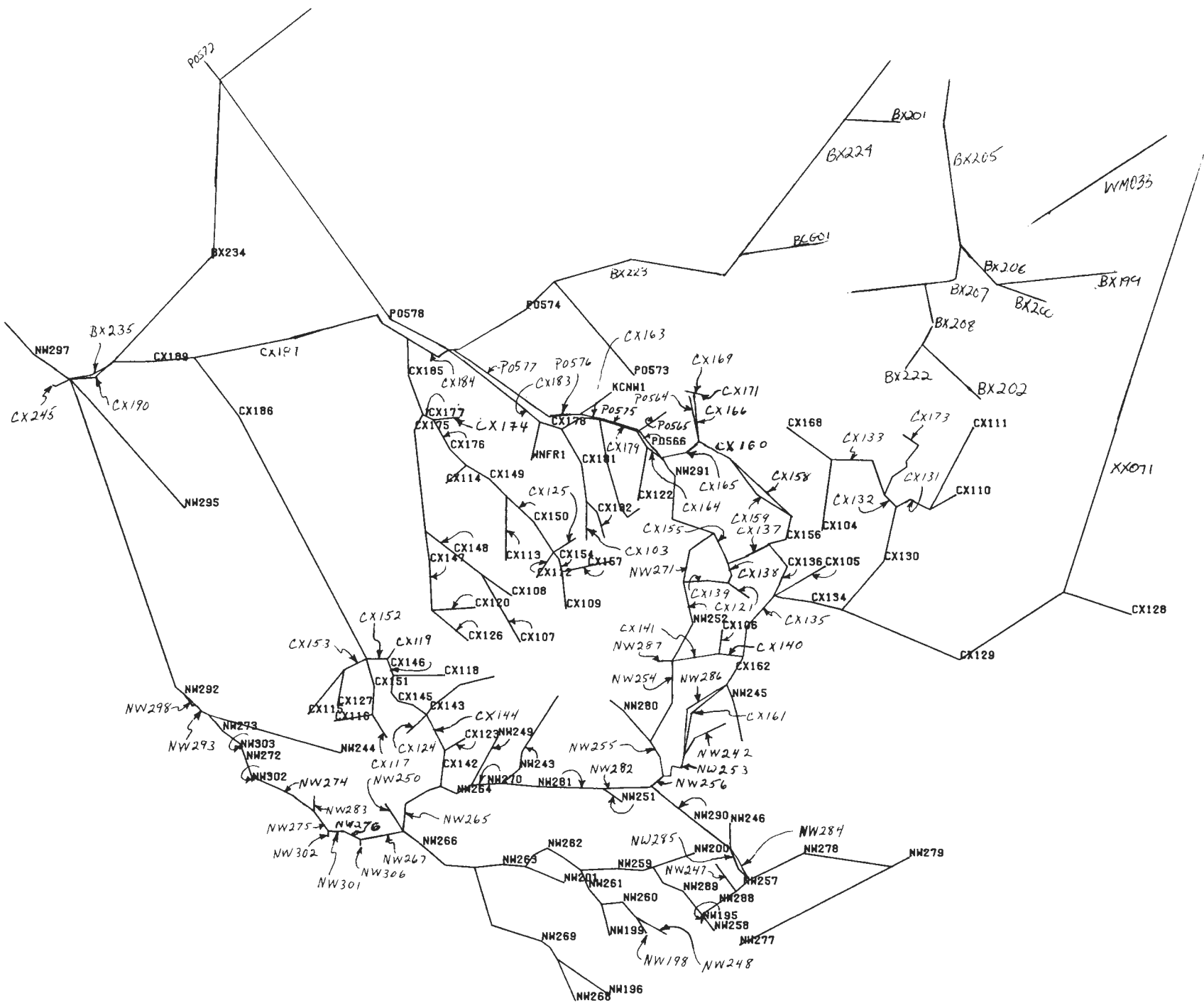
MAP 50B: WASHINGTON
LINE DESIGNATIONS

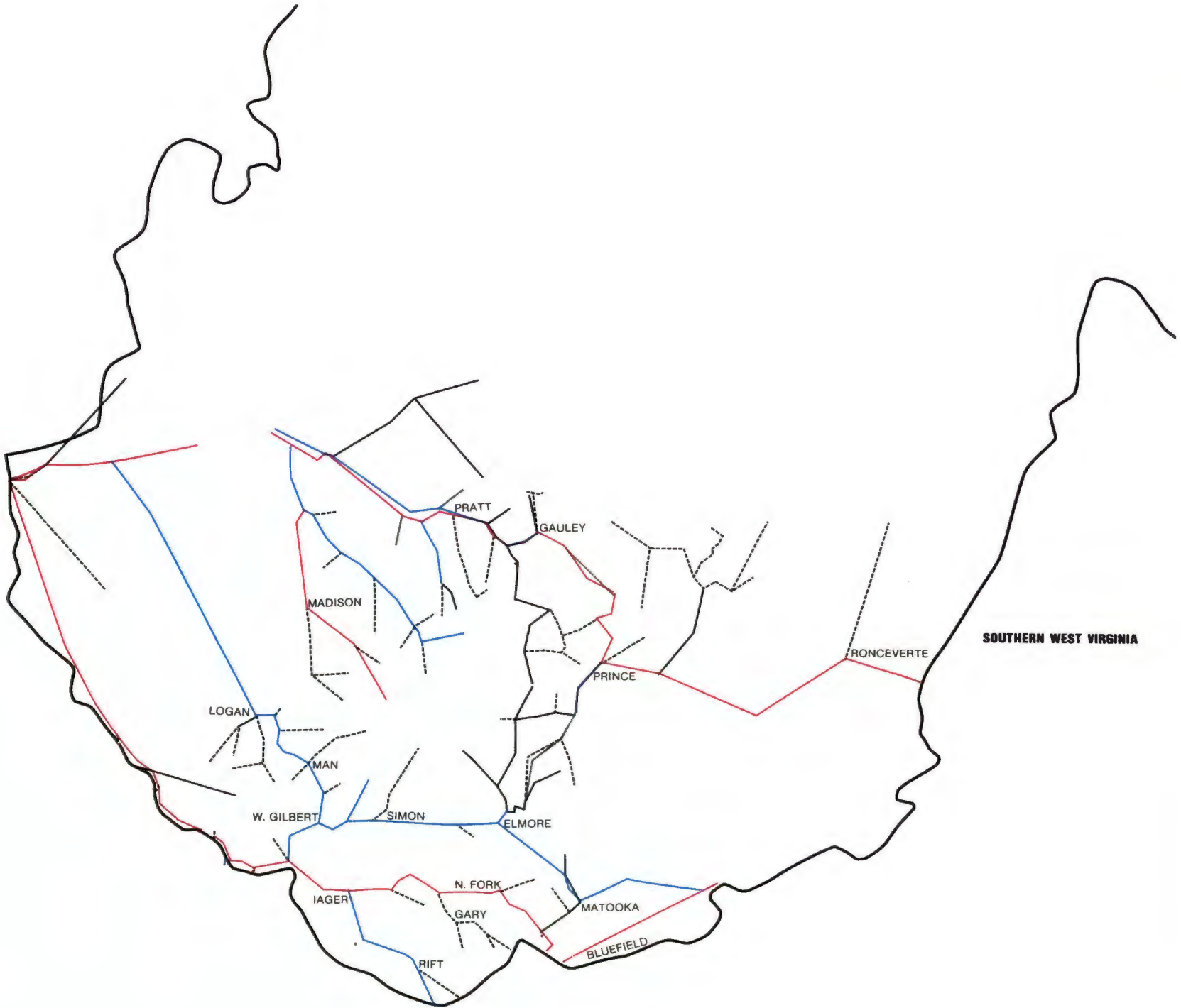
MAP 51A: WEST VIRGINIA (N)
LINE IDENTIFICATION



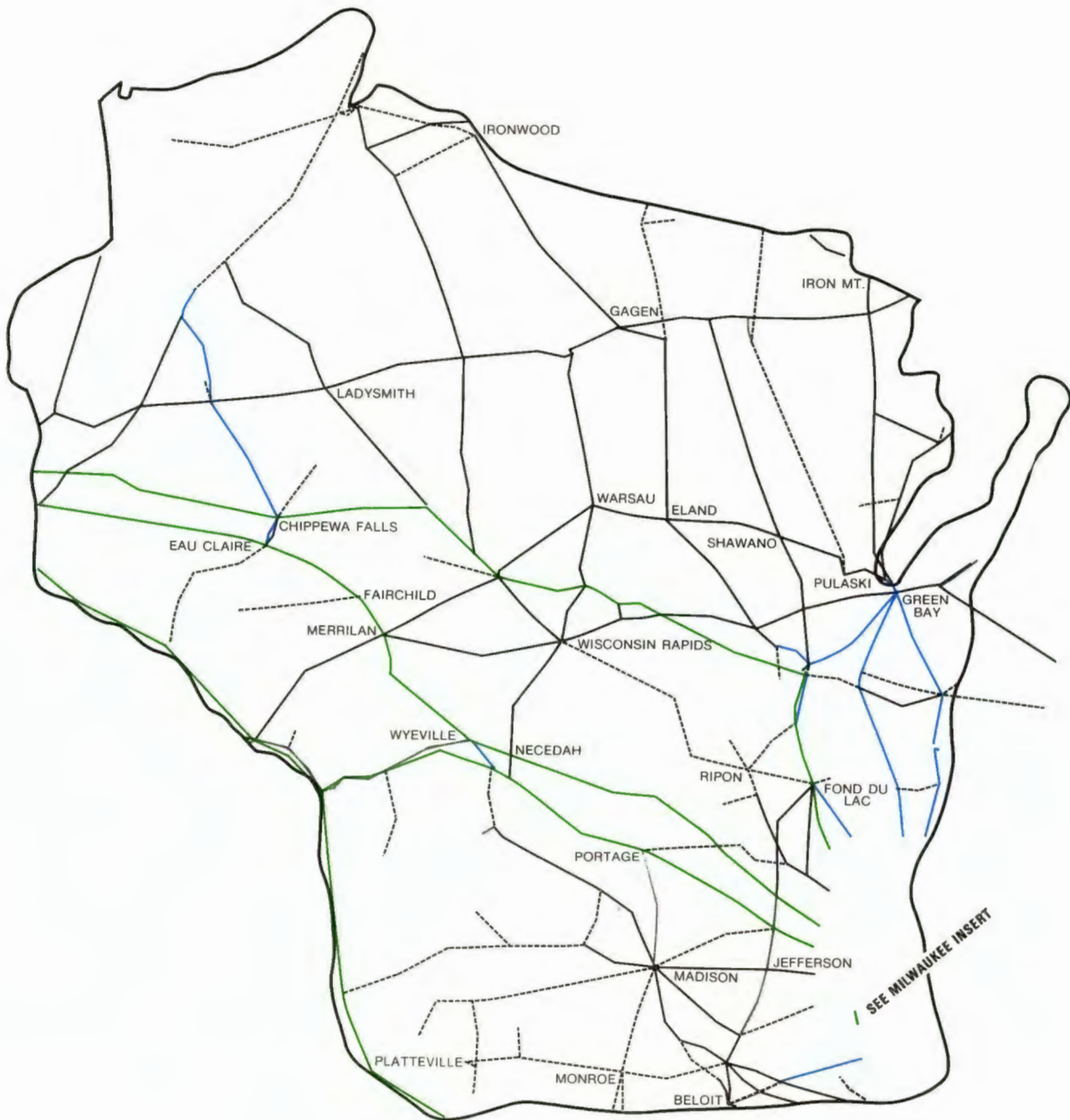
MAP 51B: WEST VIRGINIA (N)
LINE DESIGNATIONS





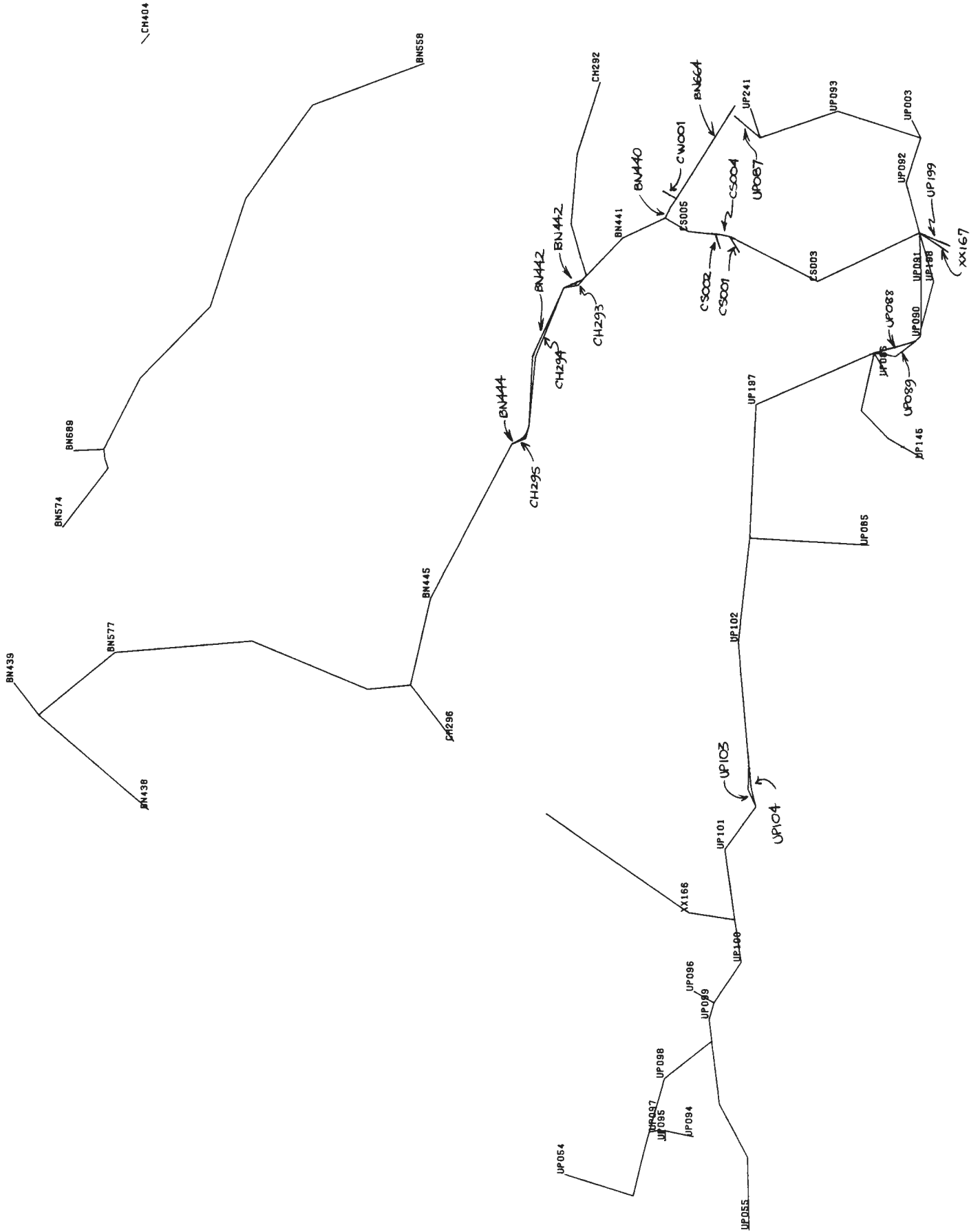


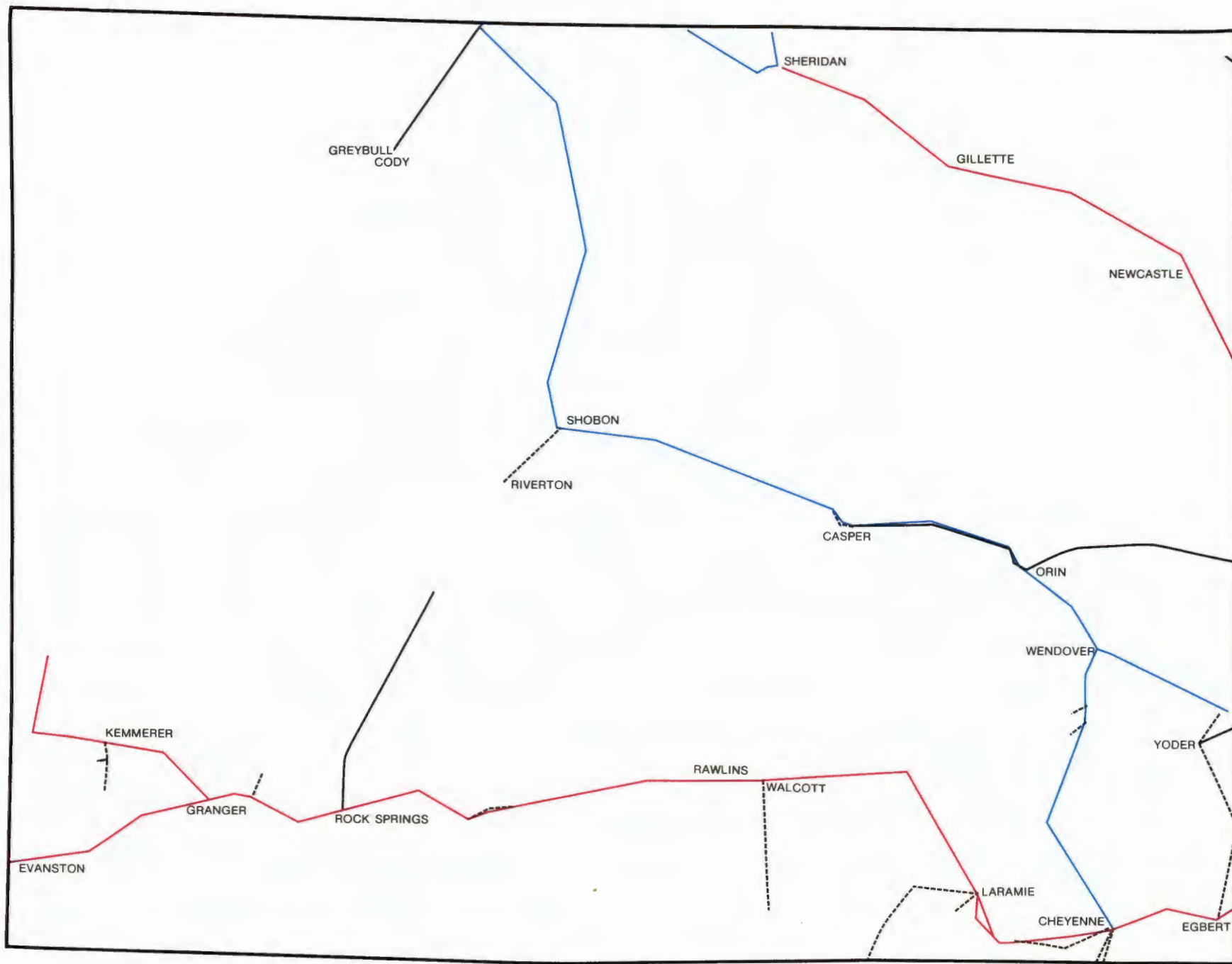
MAP 52B: WEST VIRGINIA (S)
LINE DESIGNATIONS



MAP 53B: WISCONSIN
LINE DESIGNATIONS

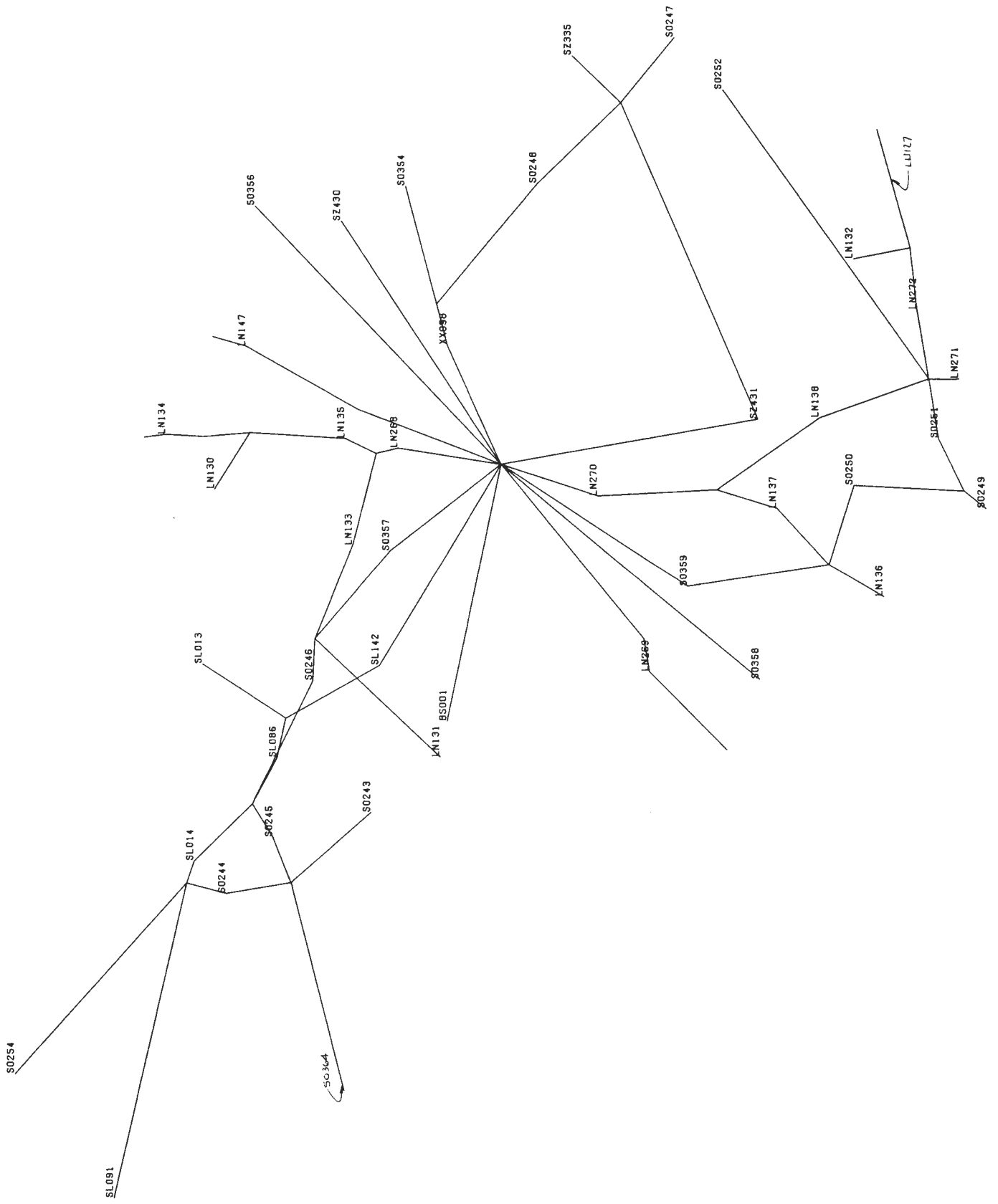
MAP 54A: WYOMING
LINE IDENTIFICATION



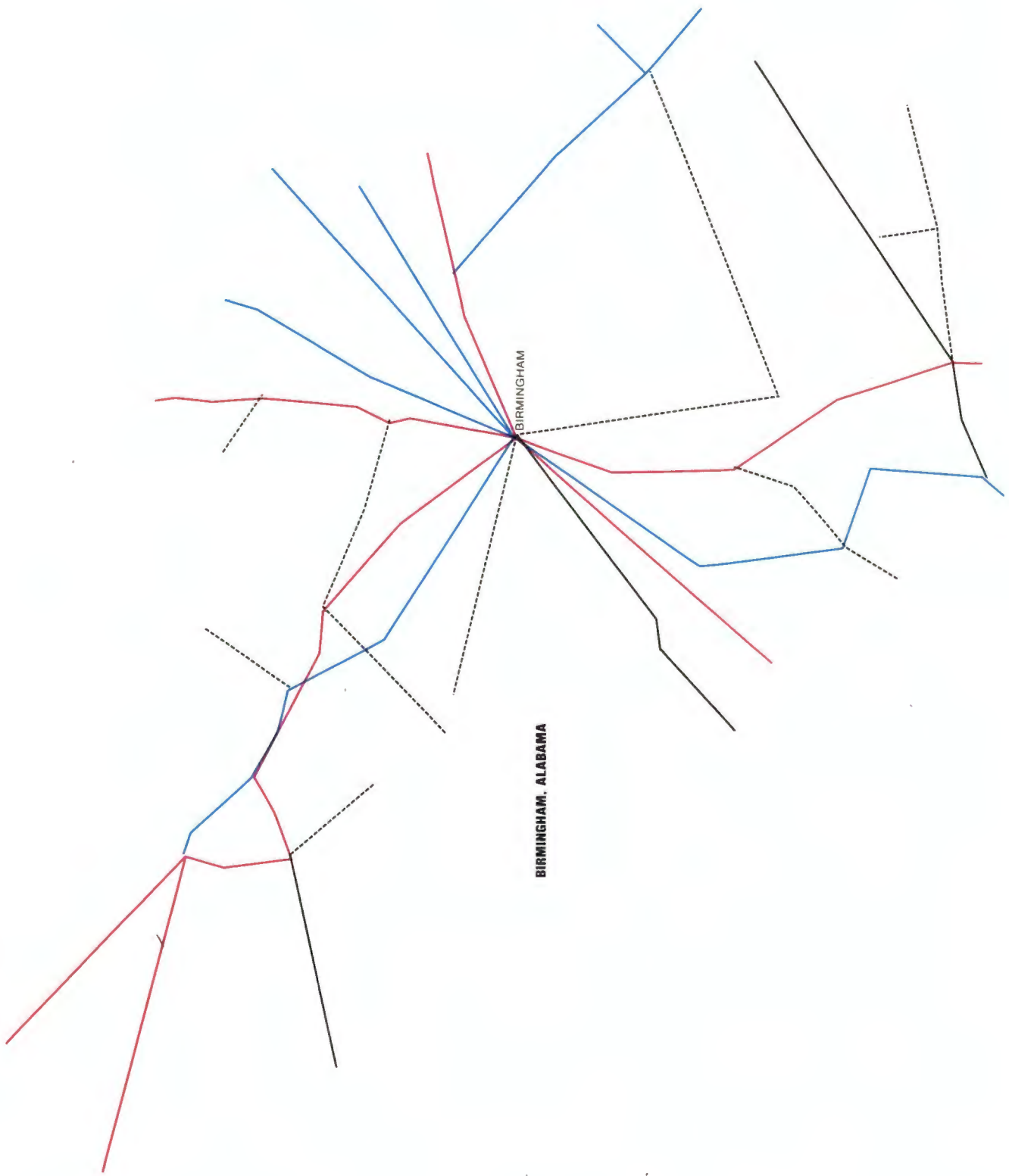


MAP 54B: WYOMING
LINE DESIGNATIONS

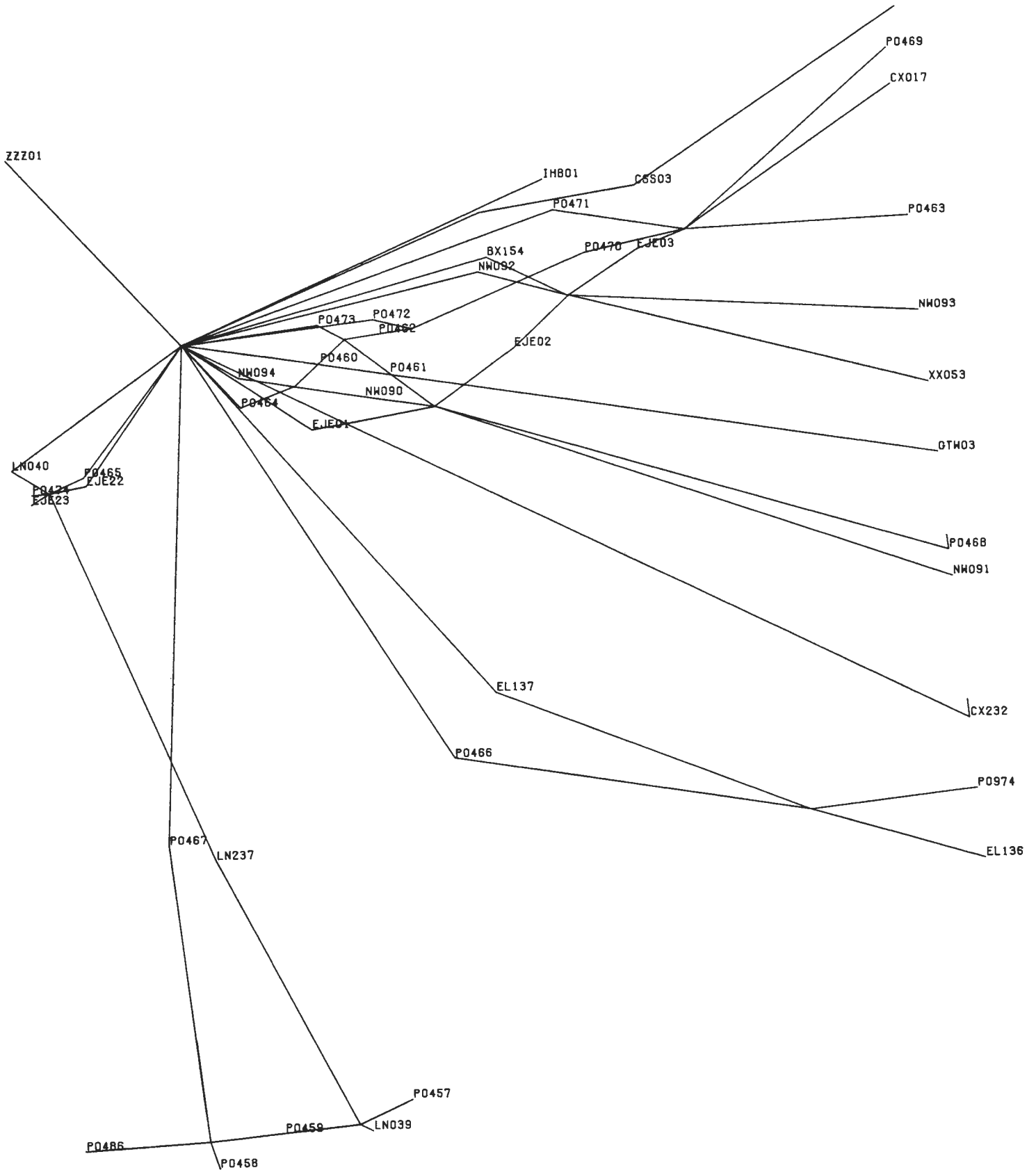
MAP 55A: BIRMINGHAM INSERT
LINE IDENTIFICATION



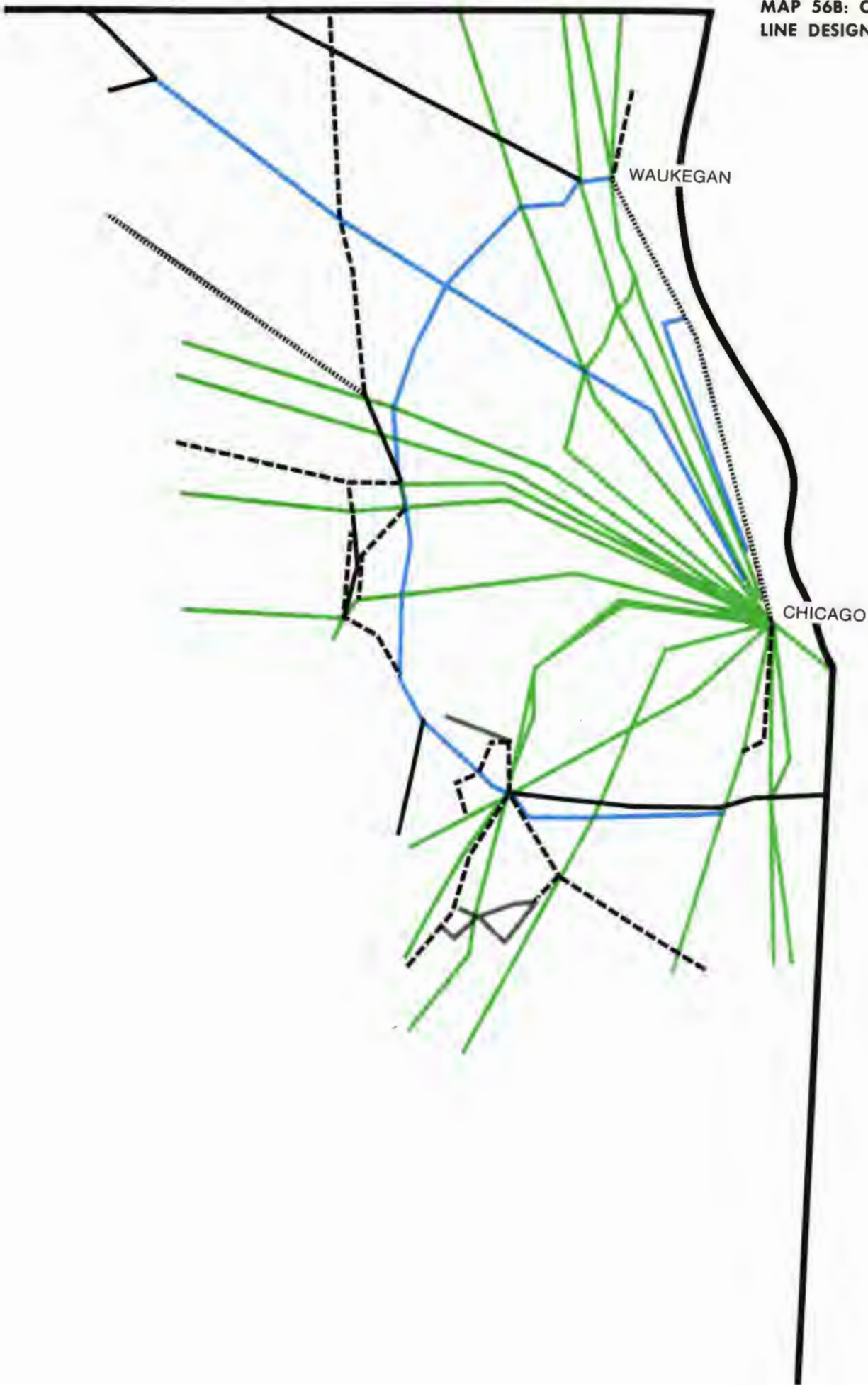
**MAP 55B: BIRMINGHAM INSERT
LINE DESIGNATIONS**



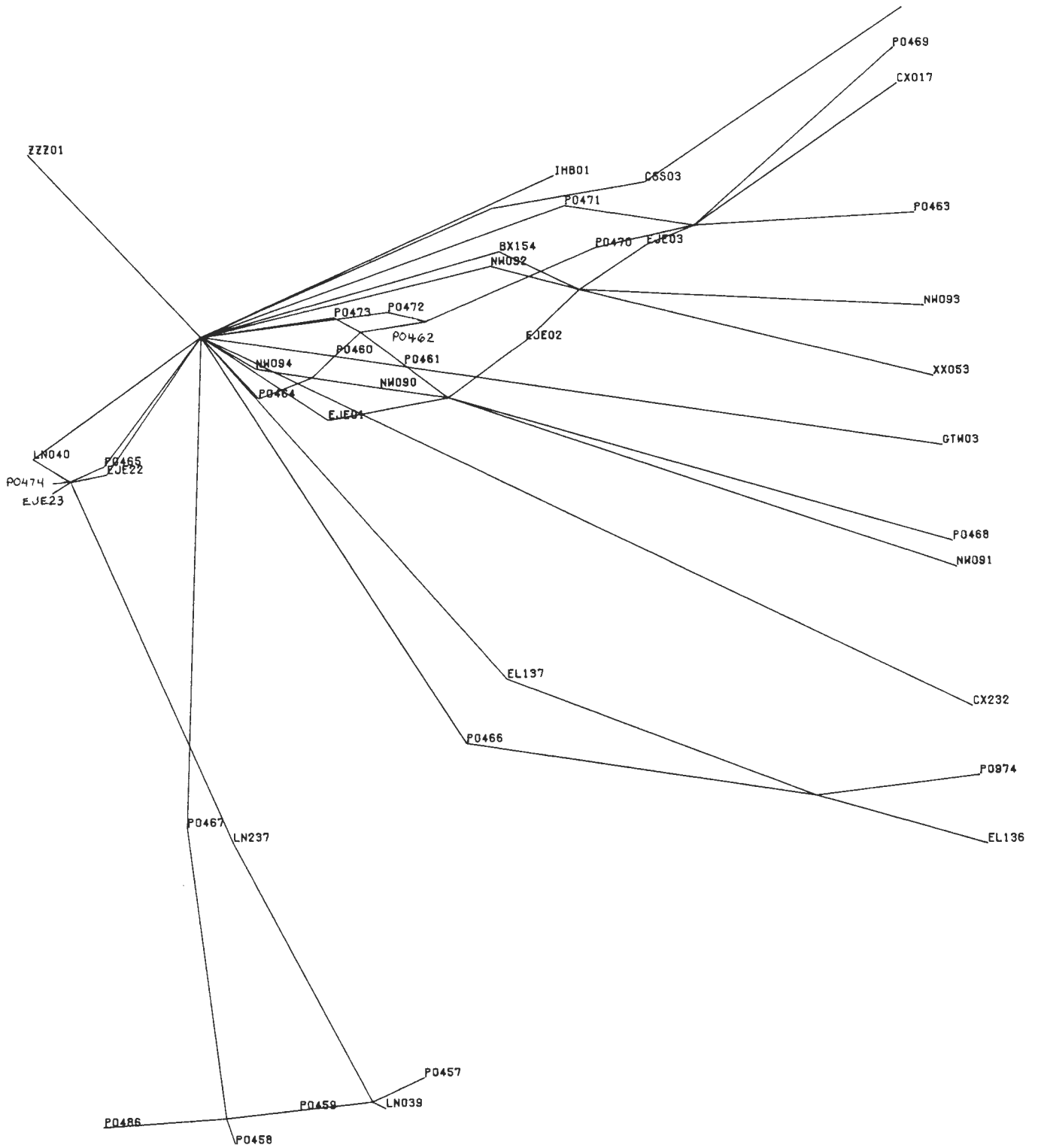
MAP 56A: CHICAGO INSERT
LINE IDENTIFICATION



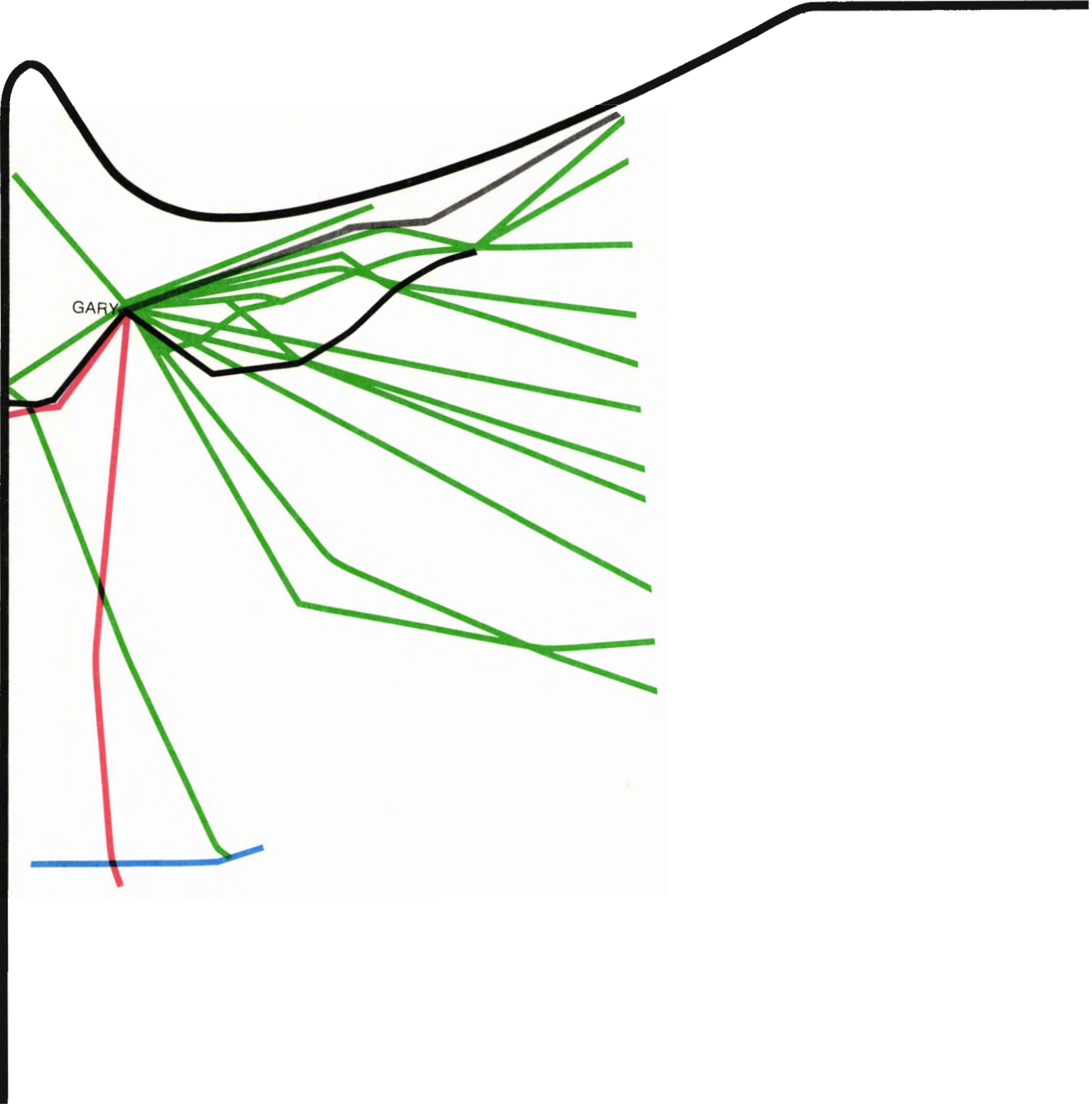
MAP 56B: CHICAGO INSERT
LINE DESIGNATIONS



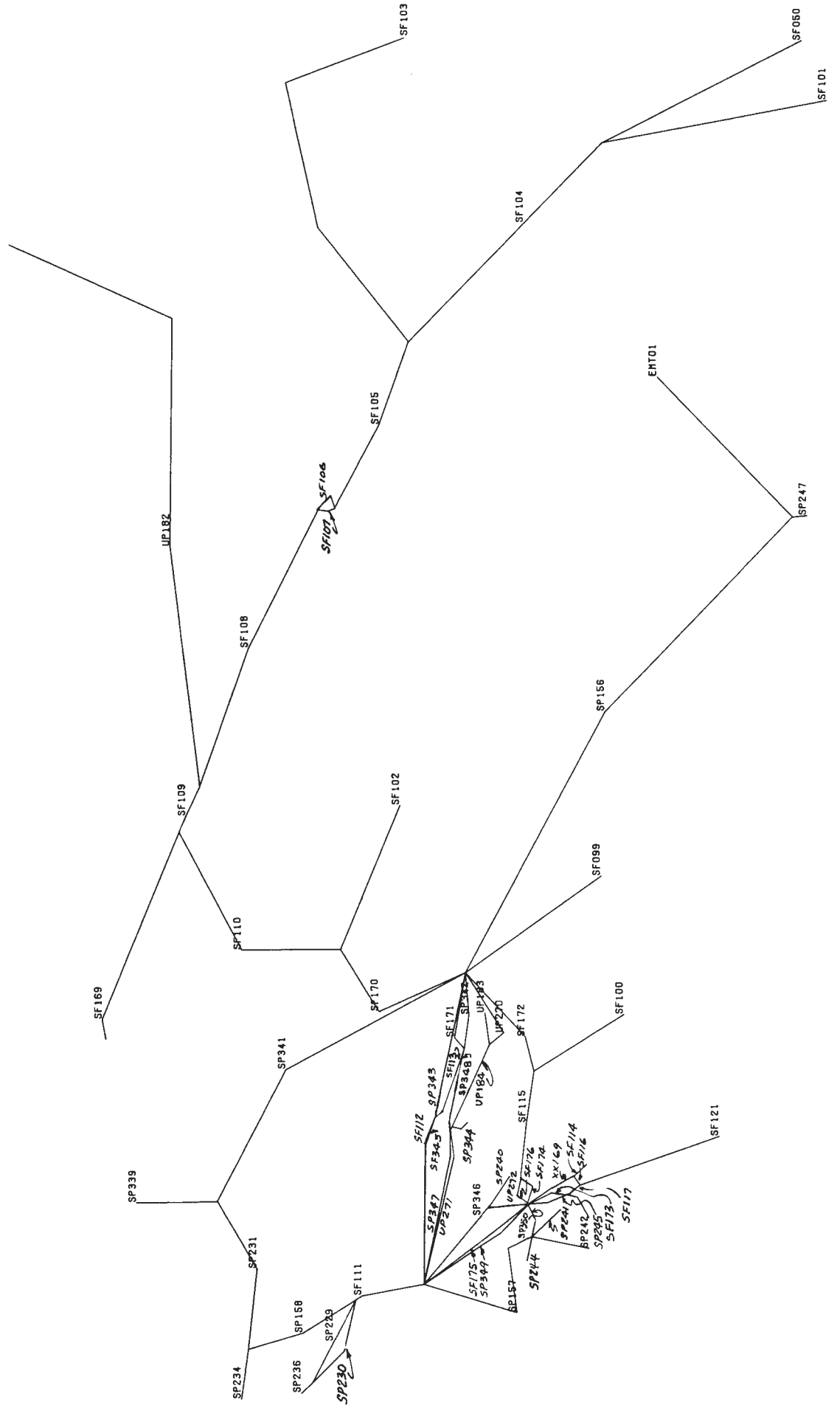
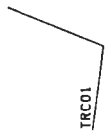
MAP 57A: GARY INSERT
LINE IDENTIFICATION



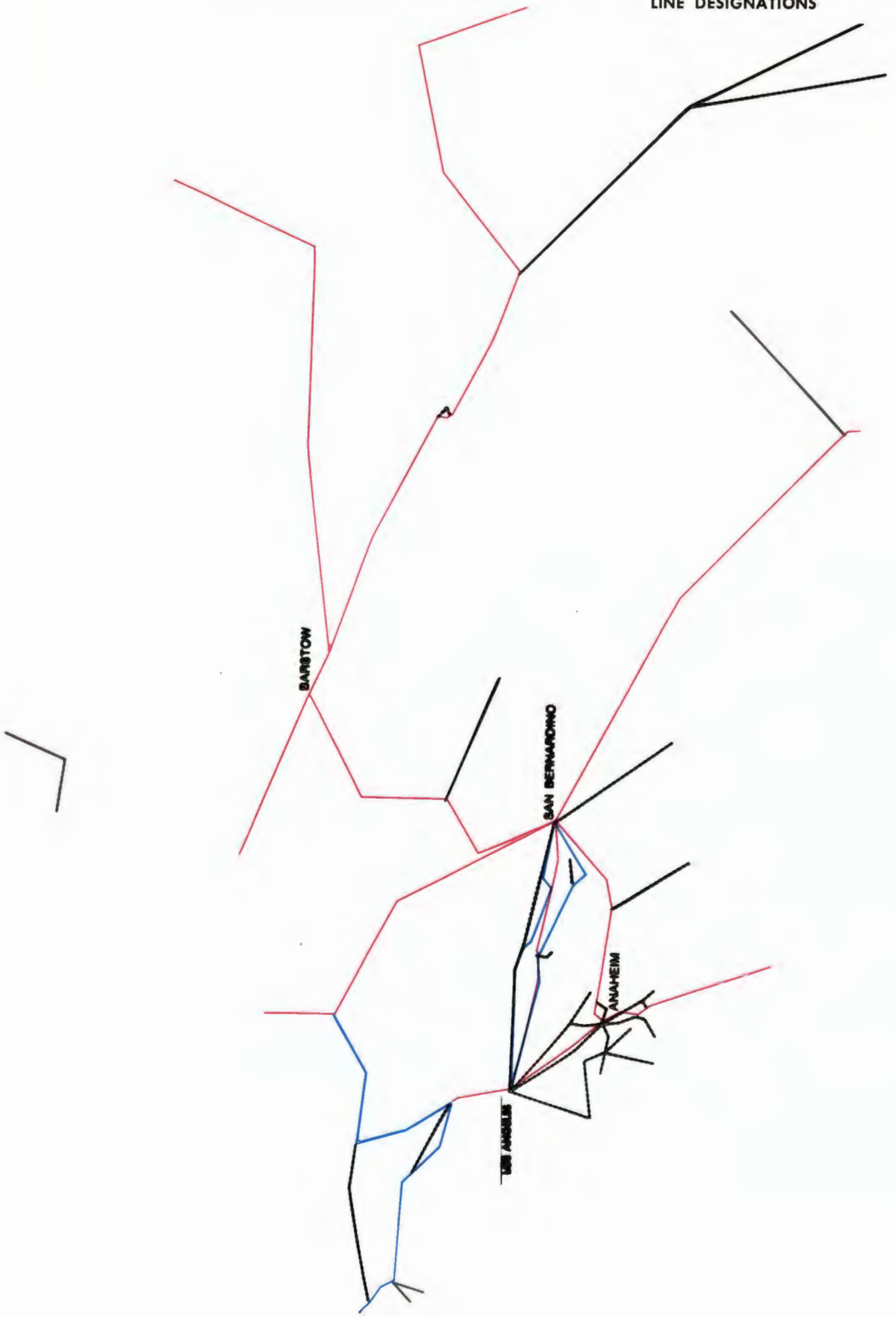
MAP 57B: GARY INSERT
LINE DESIGNATIONS



MAP 58A: LOS ANGELES INSERT
LINE IDENTIFICATION



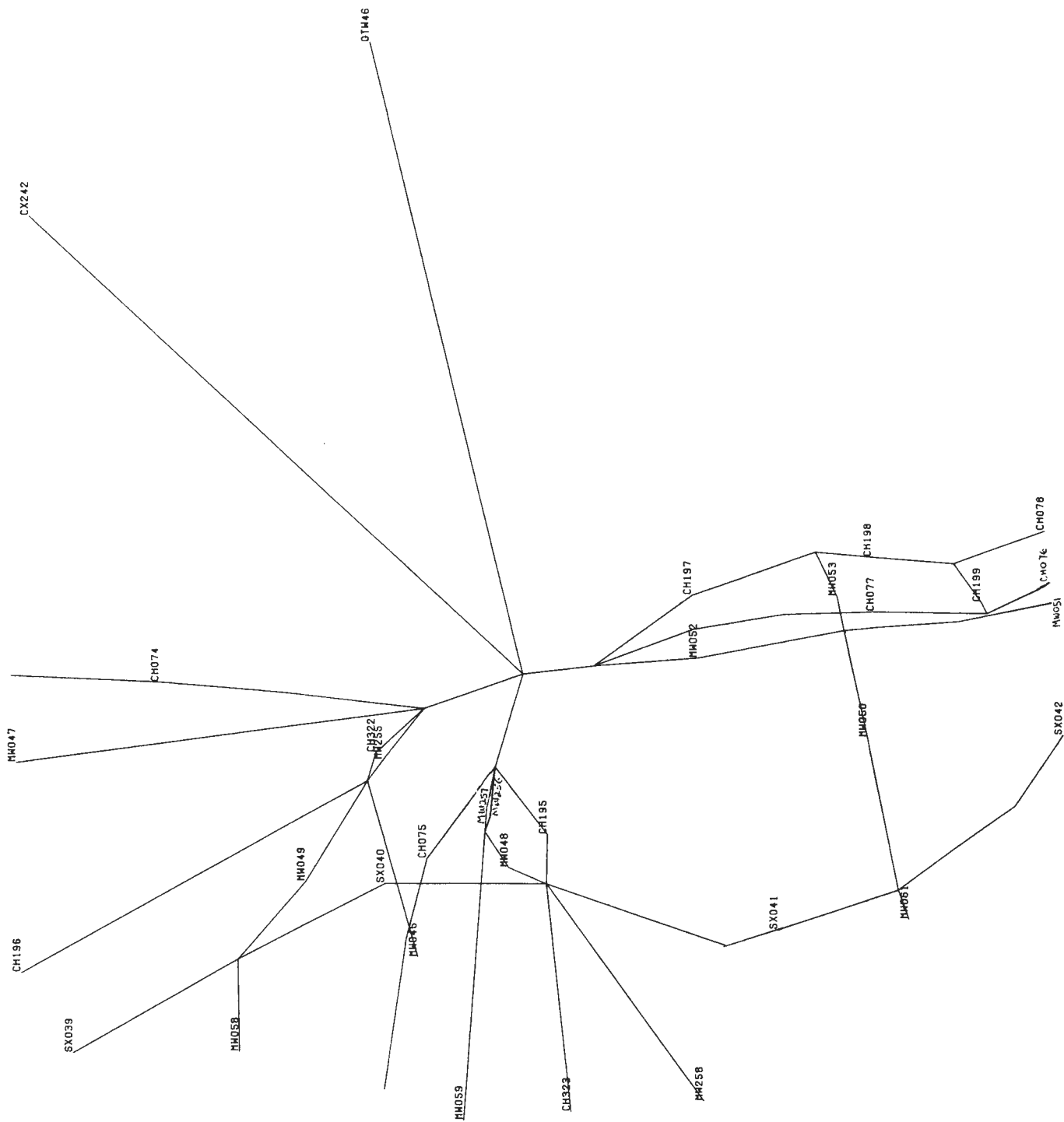
MAP 58B: LOS ANGELES INSERT
LINE DESIGNATIONS



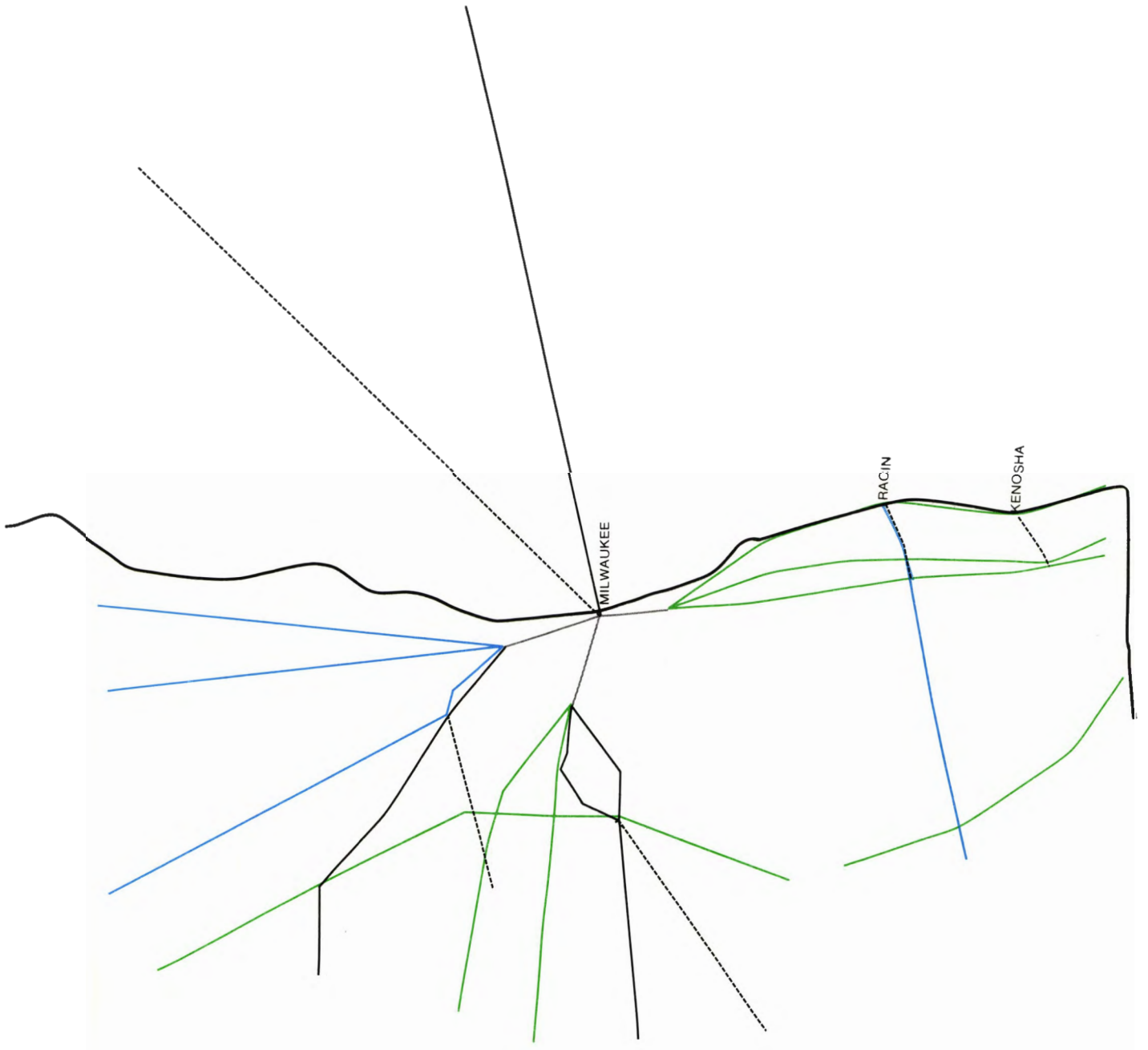
MAP 59B: NEWARK INSERT
LINE DESIGNATIONS



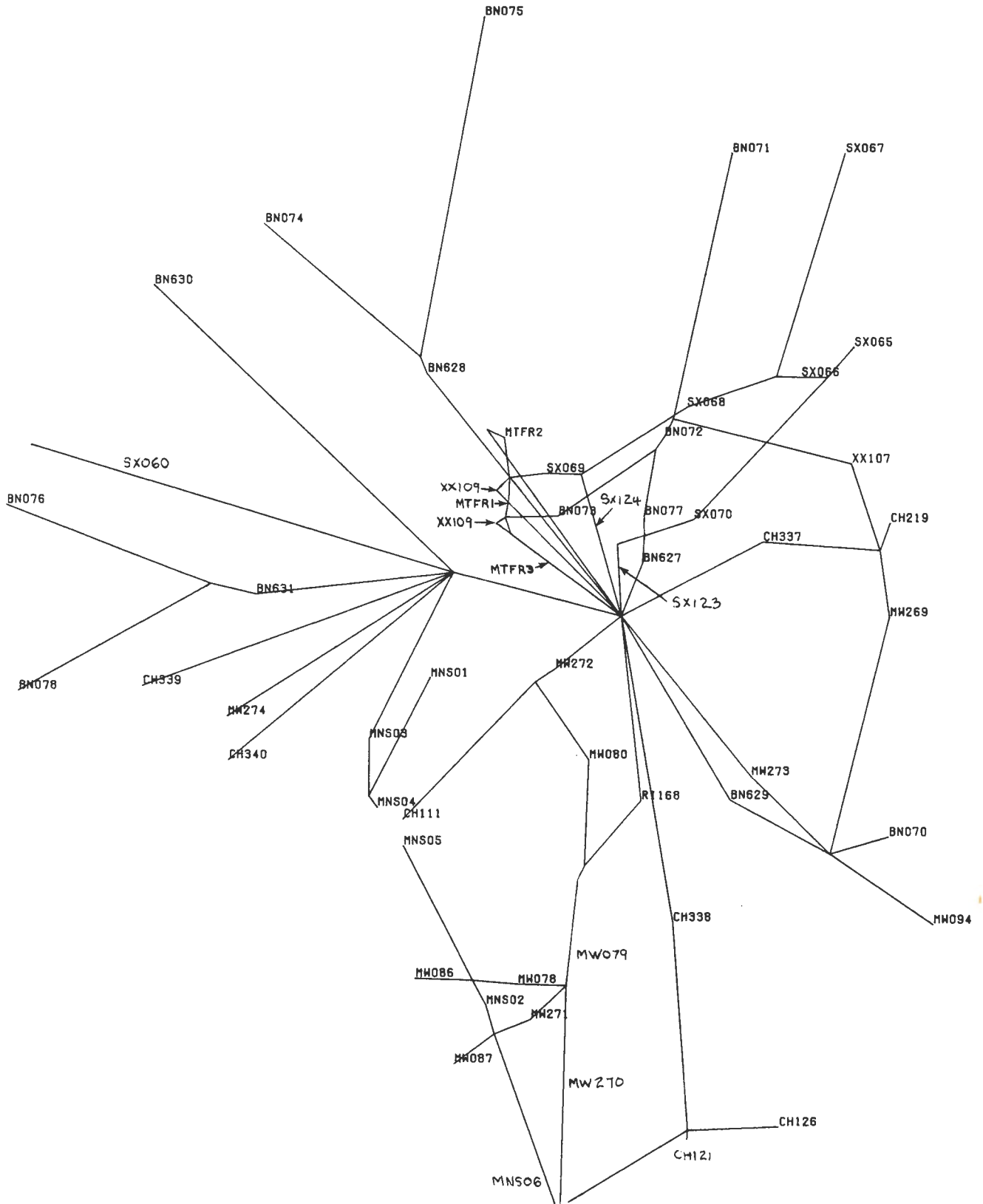
MAP 60A: MILWAUKEE INSERT
LINE IDENTIFICATION



MAP 60B: MILWAUKEE INSERT
LINE DESIGNATIONS



MAP 61A: MINNEAPOLIS INSERT
LINE IDENTIFICATION



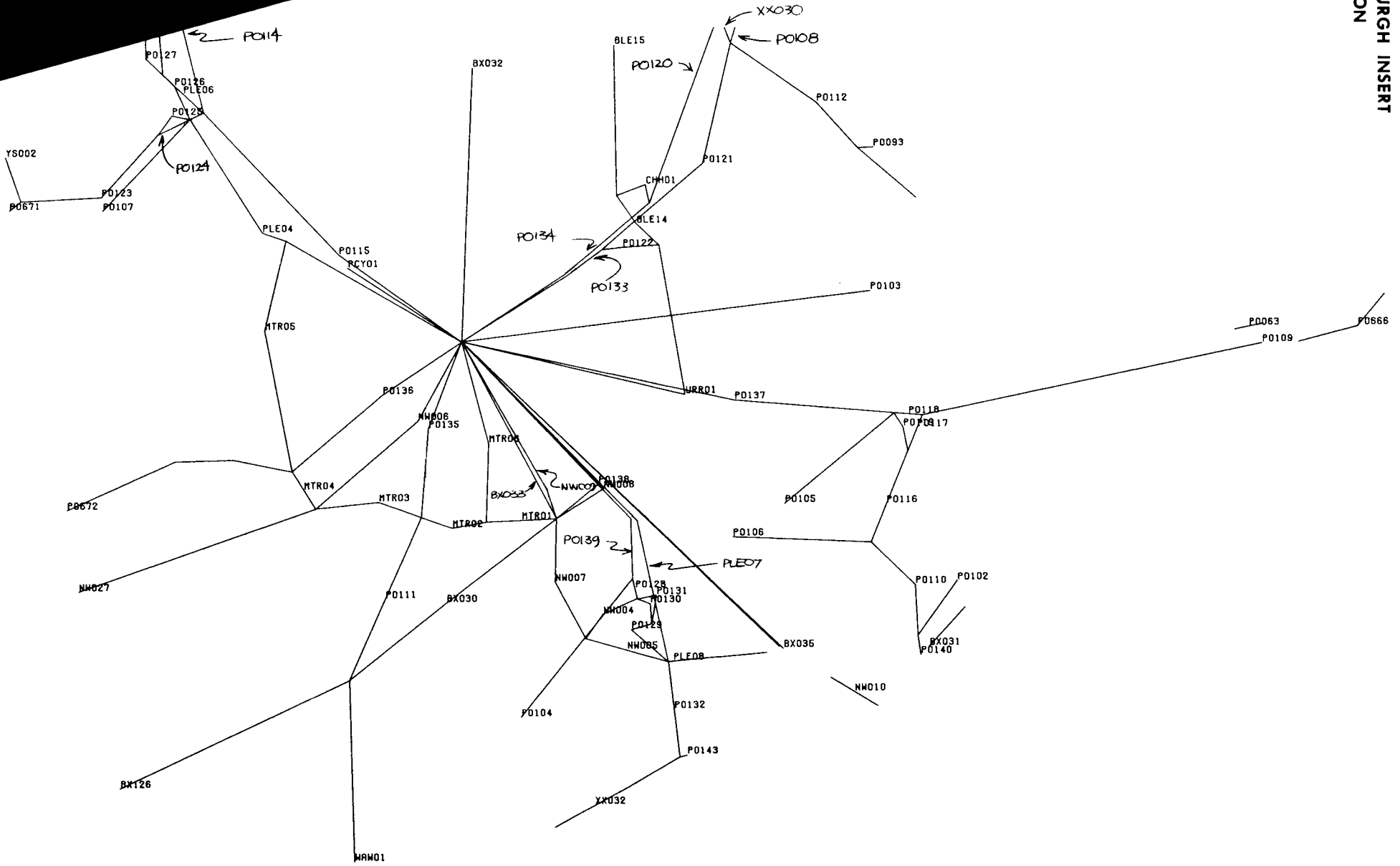
**MAP 61B: MINNEAPOLIS INSERT
LINE DESIGNATIONS**



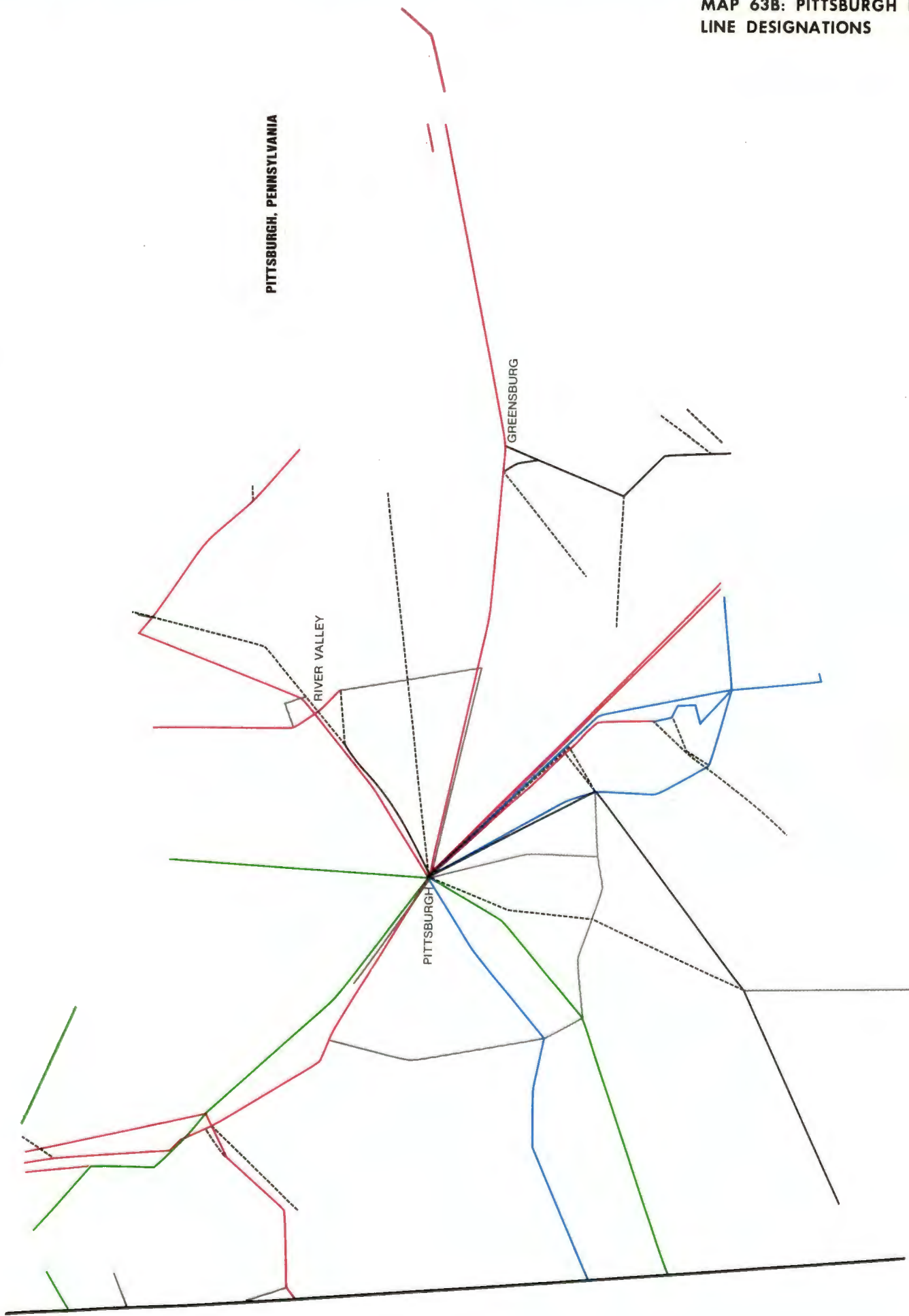
MAP 62B: PHILADELPHIA INSERT
LINE DESIGNATIONS



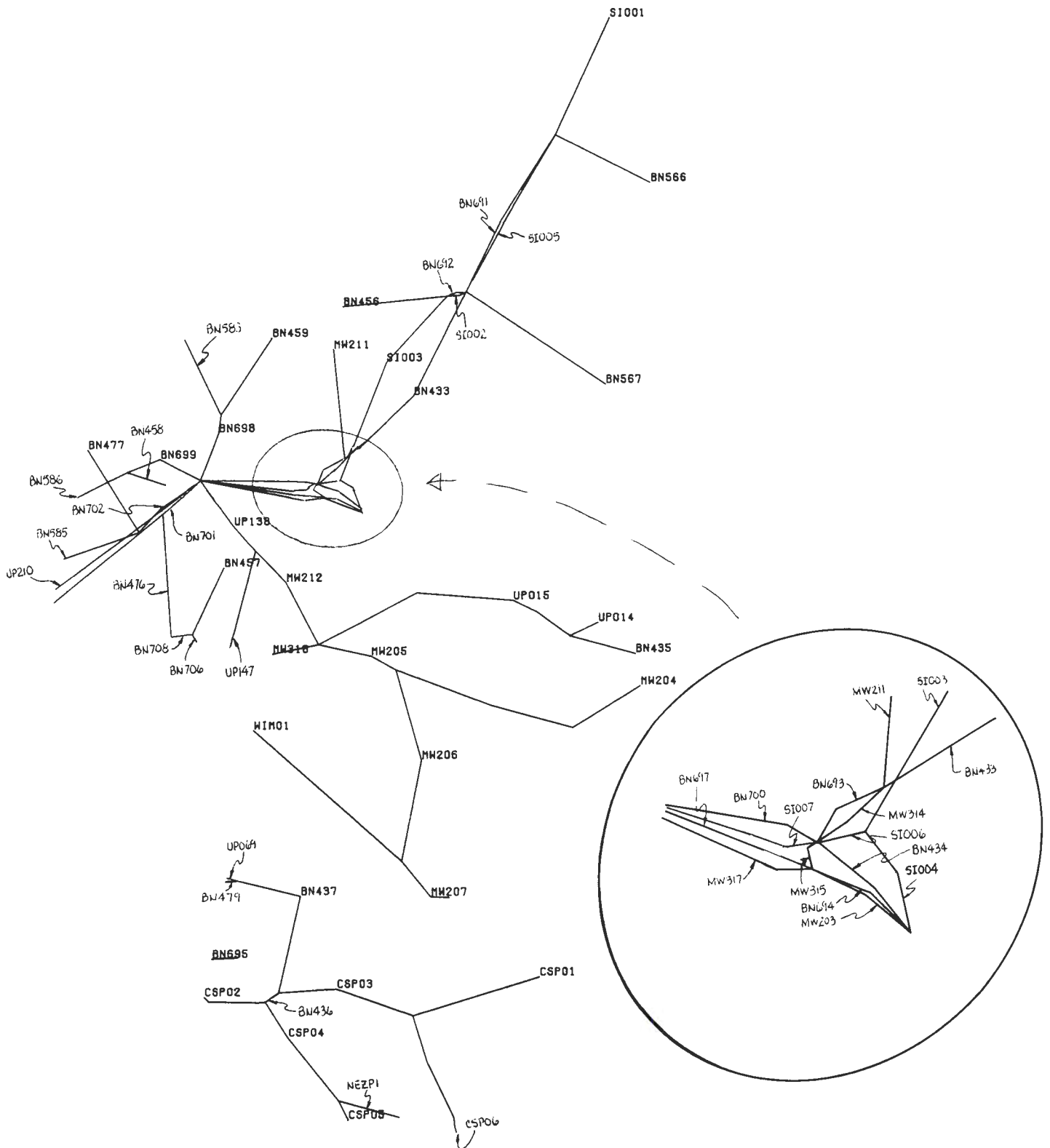
MAP 63A: PITTSBURGH INSERT
LINE IDENTIFICATION



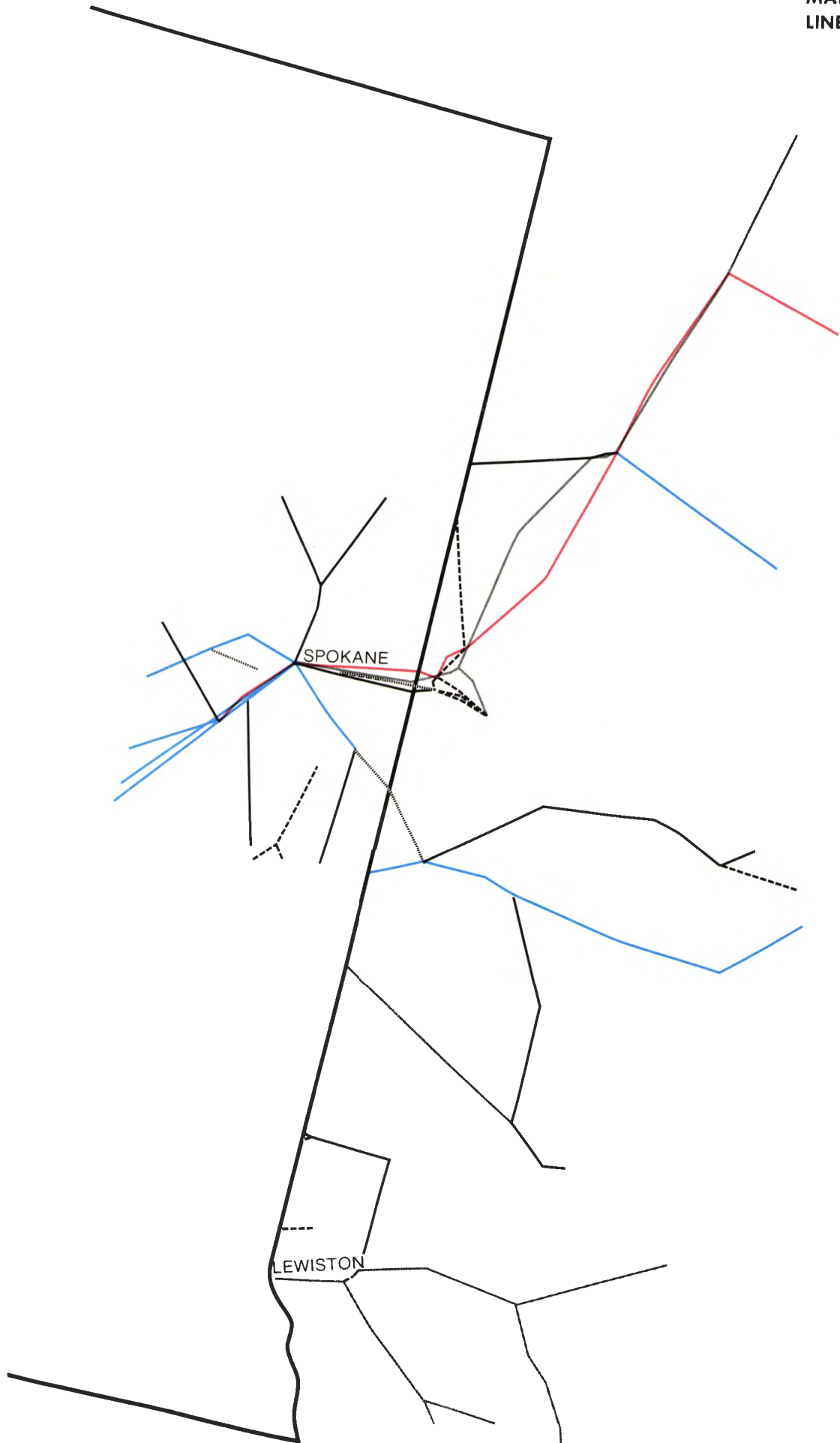
MAP 63B: PITTSBURGH INSERT
LINE DESIGNATIONS



MAP 64A: SPOKANE INSERT
LINE IDENTIFICATION



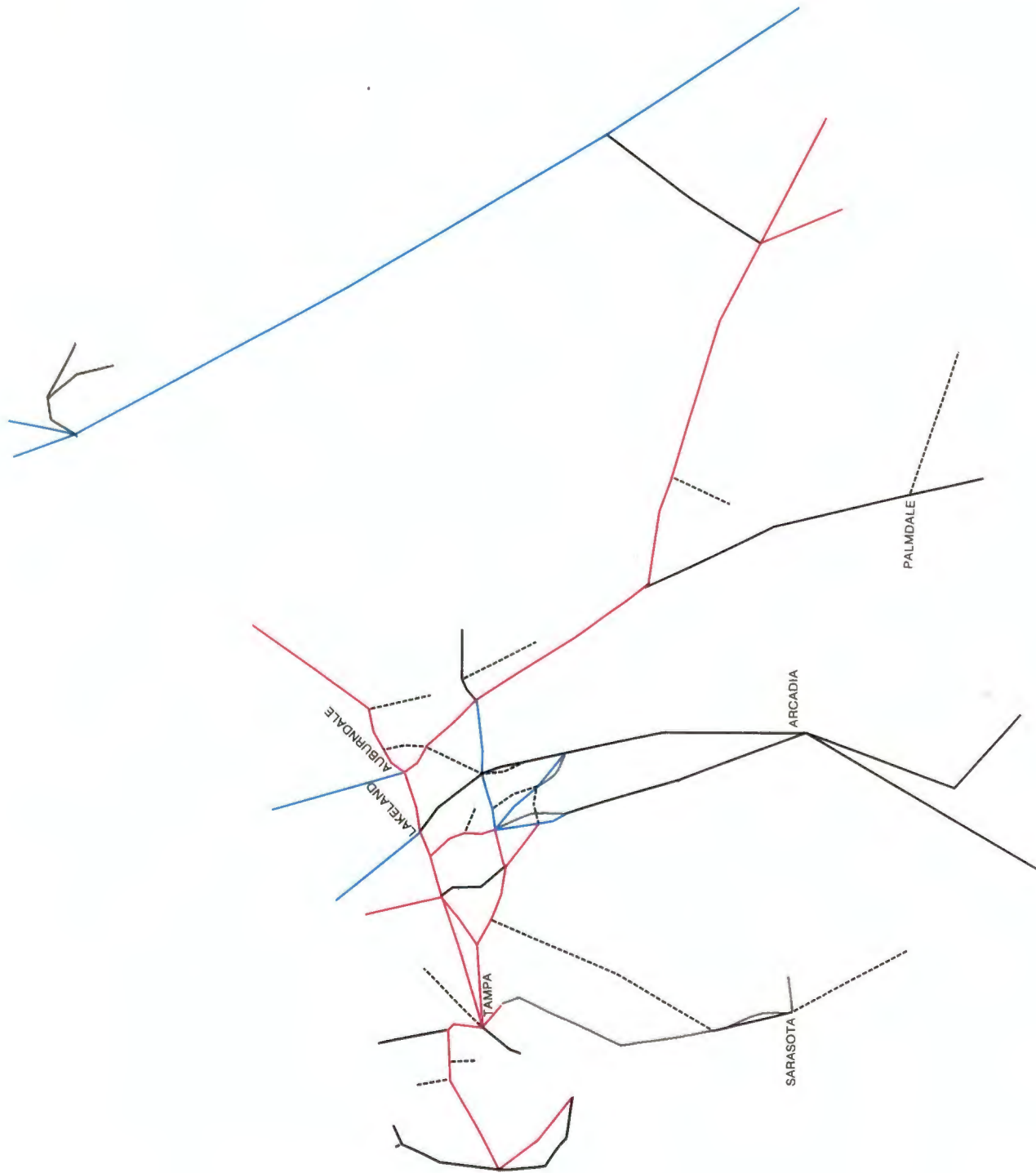
MAP 64B: SPOKANE INSERT
LINE DESIGNATIONS



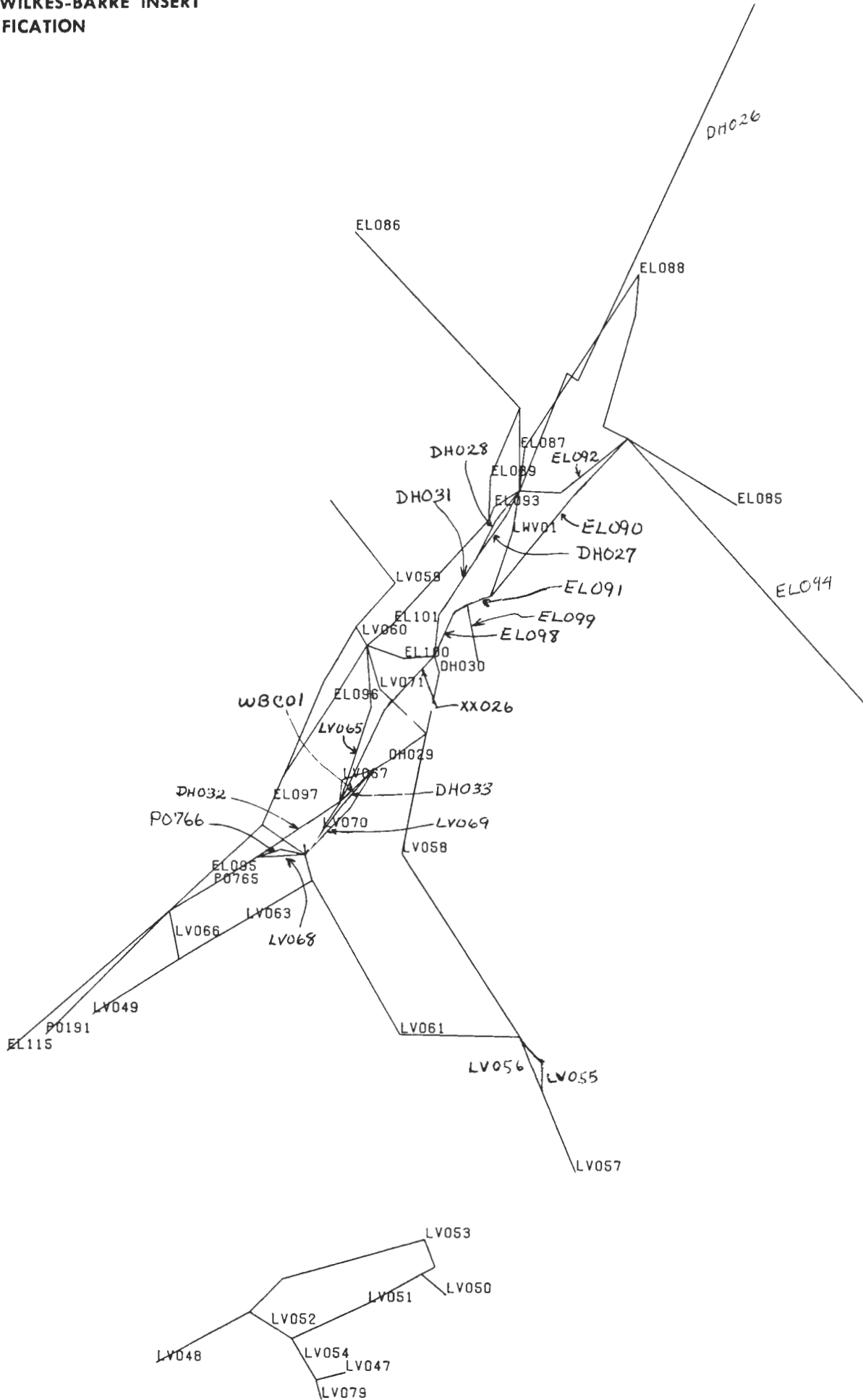
MAP 65A: TAMPA INSERT
LINE IDENTIFICATION



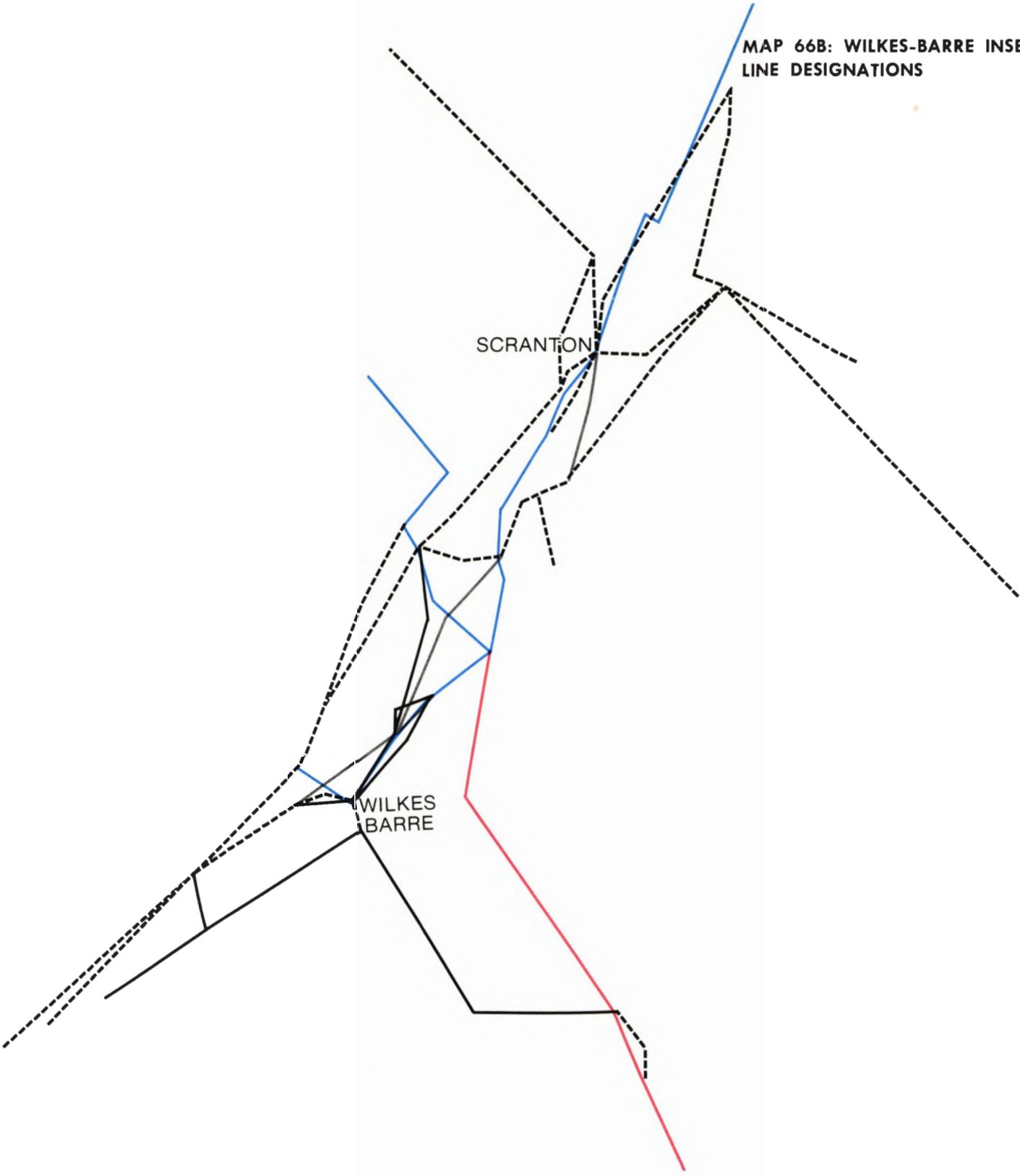
MAP 65B: TAMPA INSERT
LINE DESIGNATIONS



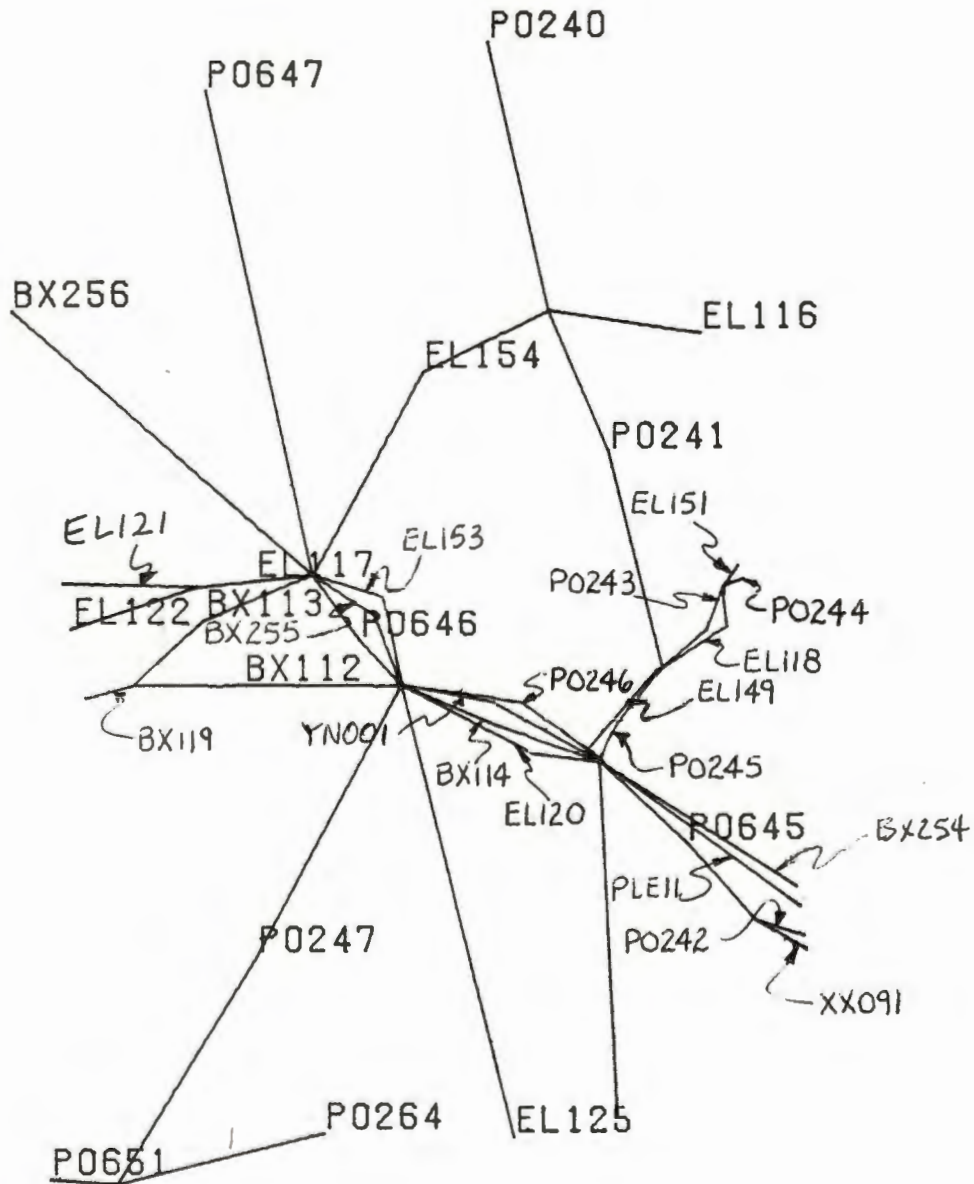
MAP 66A: WILKES-BARRE INSERT
LINE IDENTIFICATION



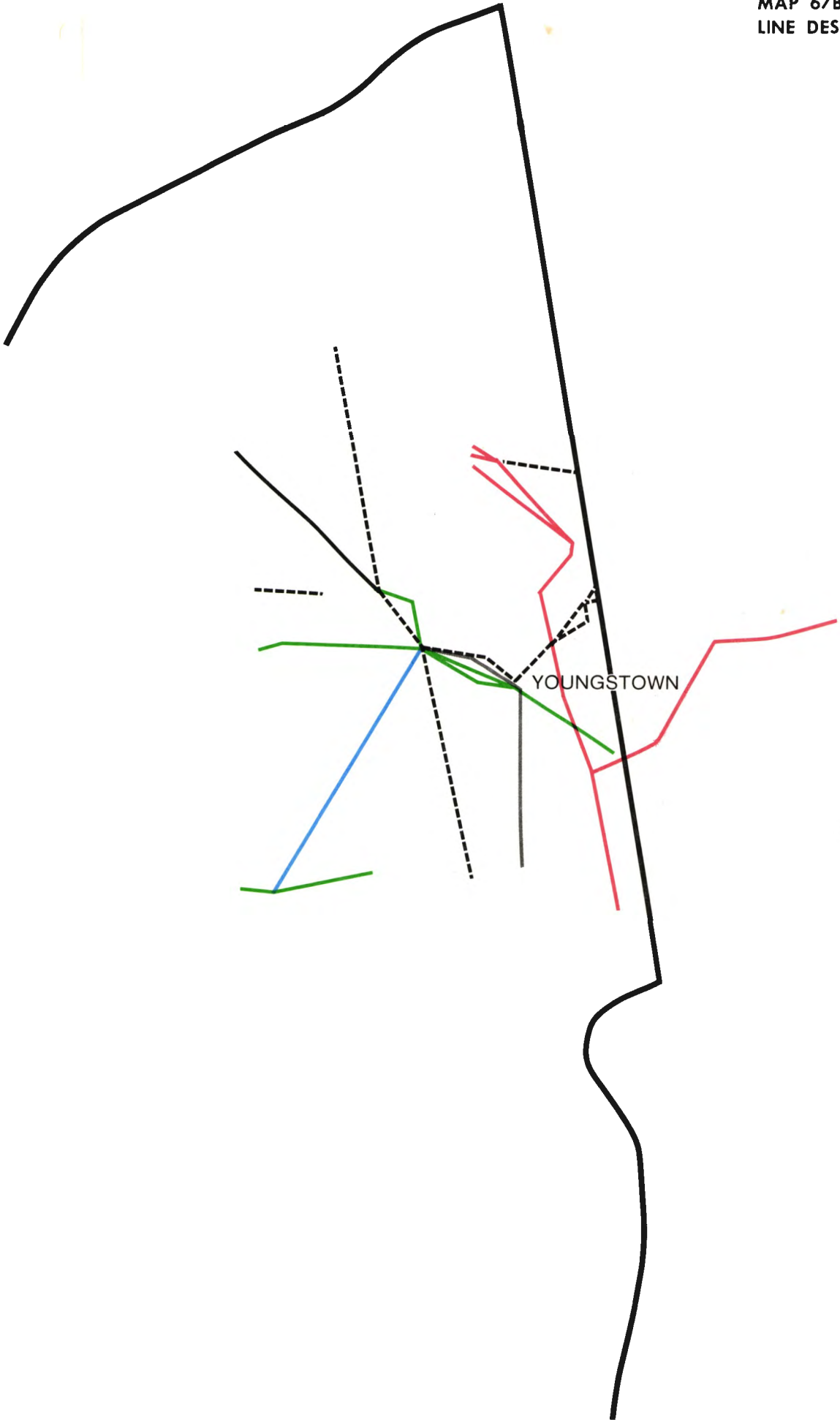
MAP 66B: WILKES-BARRE INSERT
LINE DESIGNATIONS



MAP 67A: YOUNGSTOWN INSERT
LINE IDENTIFICATION



**MAP 67B: YOUNGSTOWN INSERT
LINE DESIGNATIONS**



YOUNGSTOWN, OHIO

SECTION II

TRAFFIC DENSITY BY PLIC*

Legend

| <u>Density Range</u> | <u>Density Range</u> <u>Code</u> |
|---------------------------------------|-------------------------------------|
| less than 1 (million gross tons)..... | 1 |
| at least 1 but less than 5..... | 2 |
| at least 5 but less than 10 | 3 |
| at least 10 but less than 20 | 4 |
| at least 20 but less than 30 | 5 |
| 30 or more | 6 |

*Preliminary Line Identification Code. Refer to Section I for explanation of railroad abbreviations.

PRELIMINARY LINE IDENTIFICATION CODE WITH DENSITY CATEGORY

| | | | | | | | | | | | | | | | |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| AAC01-1 | AVL03-2 | BLE12-5 | BM050-1 | BN020-2 | BN075-3 | BN130-2 | BN185-2 | BN240-2 | BN295-5 | BN350-2 | BN405-2 | BN460-1 | BN515-1 | BN570-1 | BN625-3 |
| AA001-1 | AWP01-1 | BLE13-4 | BM051-2 | BN021-1 | BN076-5 | BN131-6 | BN186-1 | BN241-2 | BN296-2 | BN351-2 | BN406-1 | BN461-1 | BN516-6 | BN571-2 | BN626-2 |
| AA002-3 | AWP02-1 | BLE14-5 | BM052-2 | BN022-1 | BN077-2 | BN132-2 | BN187-1 | BN242-2 | BN297-2 | BN352-2 | BN407-5 | BN462-1 | BN517-6 | BN572-5 | BN627-2 |
| AA003-3 | AWP03-1 | BLE15-5 | BM053-1 | BN023-1 | BN078-1 | BN133-3 | BN188-2 | BN243-2 | BN298-2 | BN353-4 | BN408-5 | BN463-1 | BN518-5 | BN573-1 | BN628-6 |
| AA004-1 | AWW01-1 | BLE16-5 | BM054-3 | BN024-4 | BN079-3 | BN134-1 | BN189-1 | BN244-1 | BN299-1 | BN354-4 | BN409-5 | BN464-1 | BN519-5 | BN574-4 | BN629-6 |
| AA005-3 | AWW02-1 | BML01-1 | BM055-1 | BN025-1 | BN080-1 | BN135-3 | BN190-1 | BN245-4 | BN300-1 | BN355-2 | BN410-5 | BN465-2 | BN520-5 | BN575-1 | BN630-2 |
| AA006-3 | BAP01-1 | BM001-1 | BM056-3 | BN026-4 | BN081-1 | BN136-1 | BN191-1 | BN246-4 | BN301-5 | BN356-4 | BN411-4 | BN466-1 | BN521-5 | BN576-4 | BN631-5 |
| AA007-1 | BAR01-1 | BM002-1 | BM057-5 | BN027-4 | BN082-4 | BN137-5 | BN192-2 | BN247-2 | BN302-1 | BN357-4 | BN412-6 | BN467-4 | BN522-5 | BN577-3 | BN632-3 |
| AA008-1 | BAR02-1 | BM003-1 | BM058-4 | BN028-2 | BN083-6 | BN138-5 | BN193-1 | BN248-4 | BN303-4 | BN358-1 | BN413-4 | BN468-2 | BN523-1 | BN578-1 | BN633-6 |
| AA009-1 | BAR03-1 | BM004-1 | BM059-1 | BN029-5 | BN084-1 | BN139-2 | BN194-1 | BN249-1 | BN304-3 | BN359-6 | BN414-2 | BN469-2 | BN524-1 | BN579-4 | BN634-6 |
| AA010-1 | BAR04-1 | BM005-4 | BM060-2 | BN030-4 | BN085-6 | BN140-3 | BN195-1 | BN250-1 | BN305-4 | BN360-6 | BN415-4 | BN470-1 | BN525-2 | BN580-2 | BN635-2 |
| AA011-1 | BAR05-1 | BM006-4 | BM061-5 | BN031-4 | BN086-6 | BN141-5 | BN196-1 | BN251-1 | BN306-4 | BN361-6 | BN416-4 | BN471-2 | BN526-2 | BN581-2 | BN636-2 |
| AA012-1 | BAR06-1 | BM007-1 | BM062-5 | BN032-1 | BN087-6 | BN142-5 | BN197-1 | BN252-1 | BN307-4 | BN362-3 | BN417-2 | BN472-2 | BN527-2 | BN582-1 | BN637-1 |
| AA013-1 | BAR07-1 | BM008-1 | BM063-5 | BN033-1 | BN088-1 | BN143-4 | BN198-1 | BN253-1 | BN308-4 | BN363-1 | BN418-1 | BN473-4 | BN528-2 | BN583-2 | BN638-2 |
| AA014-1 | BAR08-1 | BM009-1 | BM064-5 | BN034-1 | BN089-6 | BN144-4 | BN199-1 | BN254-1 | BN309-3 | BN364-1 | BN419-1 | BN474-4 | BN529-2 | BN584-4 | BN639-5 |
| AA015-1 | BAR09-1 | BM010-2 | BM065-3 | BN035-1 | BN090-6 | BN145-3 | BN200-2 | BN255-1 | BN310-3 | BN365-1 | BN420-1 | BN475-2 | BN530-1 | BN585-4 | BN640-6 |
| AA016-1 | BAR10-2 | BM011-2 | BM066-5 | BN036-1 | BN091-6 | BN146-3 | BN201-1 | BN256-1 | BN311-3 | BN366-1 | BN421-1 | BN476-2 | BN531-1 | BN586-4 | BN641-5 |
| ABB01-1 | BAR11-2 | BM012-2 | BM067-5 | BN037-1 | BN092-6 | BN147-2 | BN202-6 | BN257-1 | BN312-3 | BN367-1 | BN422-3 | BN477-2 | BN532-1 | BN587-1 | BN642-2 |
| ABB02-1 | BAR12-2 | BM013-2 | BM068-5 | BN038-5 | BN093-6 | BN148-1 | BN203-1 | BN258-1 | BN313-3 | BN368-1 | BN423-3 | BN478-1 | BN533-1 | BN588-5 | BN643-2 |
| ACY01-1 | BAR13-2 | BM014-1 | BM069-2 | BN039-5 | BN094-1 | BN149-1 | BN204-1 | BN259-2 | BN314-3 | BN369-2 | BN424-4 | BN479-2 | BN534-5 | BN589-1 | BN644-1 |
| ACY02-1 | BAR14-3 | BM015-1 | BM070-1 | BN040-1 | BN095-1 | BN150-1 | BN205-6 | BN260-1 | BN315-3 | BN370-1 | BN425-4 | BN480-1 | BN535-1 | BN590-1 | BN645-3 |
| ACY03-1 | BAR15-3 | BM016-1 | BM071-1 | BN041-2 | BN096-4 | BN151-1 | BN206-2 | BN261-6 | BN316-3 | BN371-1 | BN426-4 | BN481-2 | BN536-1 | BN591-2 | BN646-4 |
| ACY04-1 | BAR16-3 | BM017-1 | BM072-2 | BN042-1 | BN097-2 | BN152-2 | BN207-2 | BN262-6 | BN317-3 | BN372-1 | BN427-4 | BN482-1 | BN537-1 | BN592-6 | BN647-4 |
| ACY05-1 | BAR17-2 | BM018-3 | BM073-2 | BN043-2 | BN098-4 | BN153-2 | BN208-5 | BN263-1 | BN318-3 | BN373-2 | BN428-4 | BN483-1 | BN538-5 | BN593-6 | BN648-1 |
| ACY06-1 | BAR18-3 | BM019-1 | BM074-2 | BN044-1 | BN099-4 | BN154-1 | BN209-6 | BN264-6 | BN319-1 | BN374-1 | BN429-2 | BN484-1 | BN539-5 | BN594-1 | BN649-2 |
| ACY07-1 | BAR19-3 | BM020-1 | BM075-2 | BN045-6 | BN100-4 | BN155-5 | BN210-1 | BN265-4 | BN320-3 | BN375-2 | BN430-2 | BN485-1 | BN540-2 | BN595-2 | BN650-2 |
| ACY08-1 | BAR20-1 | BM021-1 | BM076-2 | BN046-6 | BN101-4 | BN156-2 | BN211-6 | BN266-4 | BN321-4 | BN376-2 | BN431-2 | BN486-5 | BN541-5 | BN596-6 | BN651-6 |
| ACY09-1 | BAR21-3 | BM022-2 | BM077-1 | BN047-1 | BN102-4 | BN157-2 | BN212-2 | BN267-4 | BN322-3 | BN377-5 | BN432-1 | BN487-1 | BN542-1 | BN597-5 | BN652-6 |
| ACY10-1 | BAR22-2 | BM023-2 | BM078-5 | BN048-6 | BN103-4 | BN158-5 | BN213-2 | BN268-1 | BN323-3 | BN378-5 | BN433-6 | BN488-1 | BN543-1 | BN598-6 | BN653-2 |
| ACY11-1 | BAR23-2 | BM024-3 | BM079-5 | BN049-3 | BN104-4 | BN159-1 | BN214-6 | BN269-1 | BN324-4 | BN379-2 | BN434-1 | BN489-3 | BN544-6 | BN599-4 | BN654-4 |
| ACY12-1 | BAR24-2 | BM025-3 | BM080-1 | BN050-2 | BN105-1 | BN160-1 | BN215-1 | BN270-1 | BN325-4 | BN380-4 | BN435-1 | BN490-3 | BN545-1 | BN600-5 | BN655-3 |
| ADN01-1 | BCG01-1 | BM026-3 | BM081-5 | BN051-3 | BN106-2 | BN161-1 | BN216-1 | BN271-1 | BN326-1 | BN381-1 | BN436-1 | BN491-1 | BN546-1 | BN601-4 | BN656-3 |
| ADN02-1 | BCRR1-1 | BM027-3 | BM082-3 | BN052-3 | BN107-1 | BN162-1 | BN217-6 | BN272-1 | BN327-6 | BN382-1 | BN437-2 | BN492-3 | BN547-2 | BN602-4 | BN657-6 |
| AEB01-1 | BEEM1-1 | BM028-1 | BM083-1 | BN053-1 | BN108-1 | BN163-1 | BN218-4 | BN273-5 | BN328-4 | BN383-2 | BN438-2 | BN493-2 | BN548-1 | BN603-4 | BN658-3 |
| AHW01-1 | BE001-1 | BM029-1 | BM084-2 | BN054-3 | BN109-1 | BN164-1 | BN219-1 | BN274-5 | BN329-6 | BN384-4 | BN439-3 | BN494-2 | BN549-5 | BN604-4 | BN659-2 |
| ALCX1-1 | BE002-1 | BM030-1 | BM085-3 | BN055-6 | BN110-1 | BN165-1 | BN220-3 | BN275-1 | BN330-5 | BN385-2 | BN440-3 | BN495-1 | BN550-4 | BN605-4 | BN660-2 |
| ALM01-1 | BE003-1 | BM031-4 | BN001-1 | BN056-2 | BN111-1 | BN166-1 | BN221-3 | BN276-1 | BN331-6 | BN386-2 | BN441-3 | BN496-2 | BN551-5 | BN606-3 | BN661-1 |
| ALM02-1 | BE004-1 | BM032-4 | BN002-6 | BN057-5 | BN112-1 | BN167-1 | BN222-1 | BN277-6 | BN332-2 | BN387-2 | BN442-3 | BN497-4 | BN552-1 | BN607-4 | BN662-2 |
| AL001-1 | BE005-1 | BM033-2 | BN003-6 | BN058-6 | BN113-1 | BN168-1 | BN223-1 | BN278-6 | BN333-6 | BN388-4 | BN443-3 | BN498-4 | BN553-5 | BN608-6 | BN663-1 |
| AMR01-1 | BE006-1 | BM034-4 | BN004-6 | BN059-6 | BN114-1 | BN169-2 | BN224-1 | BN279-1 | BN334-6 | BN389-4 | BN444-3 | BN499-1 | BN554-1 | BN609-1 | BN664-3 |
| AN001-1 | BE007-1 | BM035-2 | BN005-1 | BN060-2 | BN115-4 | BN170-5 | BN225-1 | BN280-6 | BN335-1 | BN390-4 | BN445-3 | BN500-2 | BN555-1 | BN610-2 | BN665-3 |
| APA01-1 | BFC01-1 | BM036-4 | BN006-1 | BN061-3 | BN116-4 | BN171-5 | BN226-1 | BN281-2 | BN336-1 | BN391-2 | BN446-1 | BN501-1 | BN556-5 | BN611-4 | BN666-1 |
| ARA01-1 | BH001-1 | BM037-1 | BN007-2 | BN062-1 | BN117-4 | BN172-2 | BN227-2 | BN282-1 | BN337-1 | BN392-4 | BN447-3 | BN502-4 | BN557-2 | BN612-3 | BN667-3 |
| ARC01-1 | BLA01-1 | BM038-1 | BN008-2 | BN063-5 | BN118-2 | BN173-1 | BN228-1 | BN283-3 | BN338-1 | BN393-4 | BN448-1 | BN503-4 | BN558-5 | BN613-2 | BN668-3 |
| ARW01-1 | BLE01-3 | BM039-1 | BN009-2 | BN064-2 | BN119-3 | BN174-1 | BN229-1 | BN284-5 | BN339-1 | BN394-2 | BN449-1 | BN504-4 | BN559-1 | BN614-1 | BN669-2 |
| AR001-1 | BLE02-2 | BM040-1 | BN010-5 | BN065-5 | BN120-3 | BN175-3 | BN230-3 | BN285-5 | BN340-1 | BN395-1 | BN450-1 | BN505-4 | BN560-1 | BN615-4 | BN670-4 |
| AR002-1 | BLE03-2 | BM041-1 | BN011-6 | BN066-2 | BN121-1 | BN176-3 | BN231-1 | BN286-6 | BN341-1 | BN396-2 | BN451-3 | BN506-1 | BN561-2 | BN616-2 | BN671-6 |
| AR003-1 | BLE04-1 | BM042-1 | BN012-4 | BN067-3 | BN122-1 | BN177-2 | BN232-3 | BN287-5 | BN342-1 | BN397-1 | BN452-1 | BN507-2 | BN562-5 | BN617-4 | BN672-6 |
| ASAB1-1 | BLE05-6 | BM043-1 | BN013-4 | BN068-3 | BN123-5 | BN178-1 | BN233-5 | BN288-2 | BN343-2 | BN398-5 | BN453-3 | BN508-3 | BN563-2 | BN618-3 | BN673-5 |
| ASAB2-1 | BLE06-5 | BM044-1 | BN014-1 | BN069-3 | BN124-1 | BN179-1 | BN234-5 | BN289-1 | BN344-1 | BN399-1 | BN454-2 | BN509-3 | BN564-2 | BN619-1 | BN674-4 |
| ASAB3-1 | BLE07-5 | BM045-2 | BN015-1 | BN070-6 | BN125-1 | BN180-2 | BN235-5 | BN290-1 | BN345-1 | BN400-1 | BN455-2 | BN510-2 | BN565-6 | BN620-1 | BN675-6 |
| AS001-1 | BLE08-6 | BM046-2 | BN016-1 | BN071-2 | BN126-1 | BN181-1 | BN236-1 | BN291-1 | BN346-2 | BN401-1 | BN456-2 | BN511-1 | BN566-5 | BN621-2 | BN676-5 |
| AS002-1 | BLE09-5 | BM047-1 | BN017-6 | BN072-2 | BN127-4 | BN182-1 | BN237-1 | BN292-1 | BN347-5 | BN402-5 | BN457-1 | BN512-1 | BN567-4 | BN622-2 | BN677-2 |
| AVL01-2 | BLE10-5 | BM048-1 | BN018-2 | BN073-2 | BN128-1 | BN183-2 | BN238-1 | BN293-1 | BN348-1 | BN403-6 | BN458-1 | BN513-1 | BN568-1 | BN623-5 | BN678-2 |
| AVL02-1 | BLE11-4 | BM049-3 | BN019-2 | BN074-6 | BN129-4 | BN184-2 | BN239-1 | BN294-1 | BN349-1 | BN404-1 | BN459-2 | BN514-1 | BN569-1 | BN624-6 | BN679-1 |

PRELIMINARY LINE IDENTIFICATION CODE WITH DENSITY CATEGORY

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|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| BN680-2 | BX008-1 | BX063-3 | BX118-3 | BX173-1 | BX228-4 | BX283-2 | CEI18-4 | CH027-6 | CH082-1 | CH137-1 | CH192-2 | CH247-1 | CH302-2 | CH357-2 | CIND1-1 |
| BN681-3 | BX009-4 | BX064-1 | BX119-6 | BX174-1 | BX229-4 | BX284-4 | CEI19-4 | CH028-6 | CH083-4 | CH138-1 | CH193-2 | CH248-3 | CH303-5 | CH358-3 | CIND2-1 |
| BN682-3 | BX010-1 | BX065-2 | BX120-6 | BX175-2 | BX230-3 | BX285-6 | CEI20-2 | CH029-6 | CH084-1 | CH139-1 | CH194-2 | CH249-1 | CH304-2 | CH359-2 | CIND3-1 |
| BN683-2 | BX011-4 | BX066-3 | BX121-6 | BX176-6 | BX231-3 | BX286-6 | CEI21-1 | CH030-1 | CH085-1 | CH140-2 | CH195-2 | CH250-4 | CH305-4 | CH360-1 | CIRR1-1 |
| BN684-4 | BX012-1 | BX067-3 | BX122-5 | BX177-2 | BX232-2 | BX287-2 | CEI22-2 | CH031-5 | CH086-1 | CH141-1 | CH196-3 | CH251-4 | CH306-2 | CH361-2 | CIR01-1 |
| BN685-1 | BX013-4 | BX068-3 | BX123-4 | BX178-6 | BX233-2 | BX288-2 | CEI23-4 | CH032-1 | CH087-1 | CH142-1 | CH197-4 | CH252-4 | CH307-1 | CH362-3 | CI001-1 |
| BN686-2 | BX014-2 | BX069-4 | BX124-4 | BX179-6 | BX234-2 | BX289-1 | CEI24-2 | CH033-1 | CH088-1 | CH143-1 | CH198-4 | CH253-4 | CH308-2 | CH363-1 | CI002-1 |
| BN687-2 | BX015-2 | BX070-4 | BX125-4 | BX180-6 | BX235-1 | BX290-1 | CEI25-2 | CH034-1 | CH089-1 | CH144-1 | CH199-1 | CH254-4 | CH309-2 | CH364-2 | CLC01-1 |
| BN688-1 | BX016-2 | BX071-3 | BX126-2 | BX181-6 | BX236-4 | BX291-1 | CEI26-2 | CH035-1 | CH090-1 | CH145-2 | CH200-2 | CH255-1 | CH310-1 | CH365-3 | CLC01-1 |
| BN689-4 | BX017-4 | BX072-2 | BX127-4 | BX182-1 | BX237-4 | BX292-2 | CEI27-1 | CH036-1 | CH091-1 | CH146-1 | CH201-2 | CH256-4 | CH311-3 | CH366-1 | CLK01-1 |
| BN690-2 | BX018-2 | BX073-6 | BX128-6 | BX183-6 | BX238-2 | BX293-2 | CEI28-1 | CH037-5 | CH092-1 | CH147-2 | CH202-2 | CH257-2 | CH312-1 | CH367-3 | CLP01-1 |
| BN691-6 | BX019-4 | BX074-1 | BX129-6 | BX184-6 | BX239-2 | BX294-2 | CEI29-2 | CH038-5 | CH093-1 | CH148-2 | CH203-1 | CH258-1 | CH313-3 | CH368-3 | CLP02-1 |
| BN692-2 | BX020-1 | BX075-1 | BX130-1 | BX185-6 | BX240-3 | BX295-2 | CEI30-2 | CH039-5 | CH094-2 | CH149-3 | CH204-2 | CH259-1 | CH314-3 | CH369-1 | CNJ01-1 |
| BN693-6 | BX021-1 | BX076-6 | BX131-1 | BX186-6 | BX241-4 | BX296-4 | CEI31-2 | CH040-5 | CH095-2 | CH150-2 | CH205-1 | CH260-1 | CH315-3 | CH370-2 | CNJ02-2 |
| BN694-1 | BX022-1 | BX077-1 | BX132-3 | BX187-6 | BX242-4 | BX297-4 | CEI32-1 | CH041-5 | CH096-3 | CH151-2 | CH206-1 | CH261-1 | CH316-3 | CH371-1 | CNJ03-2 |
| BN695-1 | BX023-4 | BX078-1 | BX133-6 | BX188-6 | BX243-6 | BX298-2 | CEI33-5 | CH042-4 | CH097-3 | CH152-3 | CH207-2 | CH262-2 | CH317-1 | CH372-2 | CNJ04-2 |
| BN696-3 | BX024-4 | BX079-3 | BX134-6 | BX189-1 | BX244-5 | BX299-2 | CEI34-4 | CH043-1 | CH098-3 | CH153-1 | CH208-1 | CH263-2 | CH318-3 | CH373-1 | CNJ05-1 |
| BN697-1 | BX025-4 | BX080-3 | BX135-6 | BX190-1 | BX245-5 | CACV1-1 | CEI35-3 | CH044-1 | CH099-3 | CH154-1 | CH209-2 | CH264-2 | CH319-3 | CH374-2 | CNJ06-1 |
| BN698-2 | BX026-4 | BX081-1 | BX136-6 | BX191-5 | BX246-5 | CAD01-1 | CEI36-4 | CH045-1 | CH100-3 | CH155-1 | CH210-2 | CH265-2 | CH320-3 | CH375-6 | CNJ07-2 |
| BN699-4 | BX027-3 | BX082-1 | BX137-6 | BX192-1 | BX247-5 | CARR1-1 | CFR01-1 | CH046-1 | CH101-2 | CH156-1 | CH211-4 | CH266-1 | CH321-3 | CH376-6 | CNJ08-2 |
| BN700-5 | BX028-1 | BX083-3 | BX138-6 | BX193-1 | BX248-5 | CBLO1-1 | CFR02-1 | CH047-2 | CH102-3 | CH157-2 | CH212-4 | CH267-2 | CH322-3 | CH377-1 | CNJ09-2 |
| BN701-4 | BX029-5 | BX084-1 | BX139-6 | BX194-2 | BX249-6 | CCR01-1 | CHH01-1 | CH048-4 | CH103-2 | CH158-1 | CH213-1 | CH268-2 | CH323-2 | CH378-6 | CNJ10-2 |
| BN702-4 | BX030-4 | BX085-3 | BX140-6 | BX195-2 | BX250-5 | CCT01-1 | CHR01-1 | CH049-3 | CH104-2 | CH159-1 | CH214-1 | CH269-2 | CH324-2 | CH379-3 | CNJ11-2 |
| BN703-2 | BX031-1 | BX086-5 | BX141-6 | BX196-1 | BX251-1 | CCT02-1 | CHV01-1 | CH050-3 | CH105-2 | CH160-6 | CH215-1 | CH270-2 | CH325-2 | CH380-1 | CNJ12-2 |
| BN704-2 | BX032-4 | BX087-5 | BX142-6 | BX197-1 | BX252-6 | CCX01-1 | CHWE1-1 | CH051-2 | CH106-1 | CH161-2 | CH216-2 | CH271-2 | CH326-1 | CH381-2 | CNJ13-3 |
| BN705-2 | BX033-2 | BX088-2 | BX143-6 | BX198-1 | BX253-6 | CCX02-1 | CHWE2-1 | CH052-1 | CH107-1 | CH162-6 | CH217-4 | CH272-2 | CH327-2 | CH382-6 | CNJ14-2 |
| BN706-1 | BX034-6 | BX089-2 | BX144-3 | BX199-1 | BX254-6 | CCX03-1 | CHW01-1 | CH053-3 | CH108-1 | CH163-1 | CH218-4 | CH273-1 | CH328-2 | CH383-6 | CNJ15-1 |
| BN707-2 | BX035-6 | BX090-4 | BX145-3 | BX200-1 | BX255-2 | CCX04-5 | CHW02-1 | CH054-4 | CH109-3 | CH164-6 | CH219-4 | CH274-2 | CH329-2 | CH384-4 | CNJ16-2 |
| BN708-1 | BX036-4 | BX091-4 | BX146-5 | BX201-1 | BX256-2 | CCX05-5 | CHW03-1 | CH055-1 | CH110-2 | CH165-1 | CH220-2 | CH275-1 | CH330-2 | CH385-4 | CNJ17-3 |
| BN709-1 | BX037-1 | BX092-4 | BX147-2 | BX202-1 | BX257-6 | CCX06-5 | CH001-3 | CH056-1 | CH111-2 | CH166-6 | CH221-3 | CH276-1 | CH331-1 | CH386-1 | CNJ18-1 |
| BN710-5 | BX038-1 | BX093-1 | BX148-4 | BX203-2 | BX258-2 | CCX07-5 | CH002-3 | CH057-2 | CH112-2 | CH167-1 | CH222-3 | CH277-1 | CH332-4 | CH387-3 | CNJ19-2 |
| BN711-3 | BX039-1 | BX094-4 | BX149-4 | BX204-3 | BX259-4 | CCX08-5 | CH003-6 | CH058-1 | CH113-4 | CH168-3 | CH223-1 | CH278-2 | CH333-1 | CH388-3 | CNJ20-2 |
| BN712-3 | BX040-1 | BX095-4 | BX150-2 | BX205-3 | BX260-2 | CCX09-5 | CH004-1 | CH059-2 | CH114-3 | CH169-5 | CH224-3 | CH279-2 | CH334-4 | CH389-4 | CNJ21-3 |
| BN713-3 | BX041-4 | BX096-1 | BX151-2 | BX206-1 | BX261-4 | CCX10-5 | CH005-2 | CH060-1 | CH115-2 | CH170-1 | CH225-3 | CH280-1 | CH335-1 | CH390-4 | CNJ22-2 |
| BN714-4 | BX042-6 | BX097-4 | BX152-6 | BX207-3 | BX262-4 | CCX11-5 | CH006-1 | CH061-1 | CH116-2 | CH171-1 | CH226-1 | CH281-1 | CH336-2 | CH391-1 | CNL01-3 |
| BN715-5 | BX043-6 | BX098-4 | BX153-6 | BX208-2 | BX263-6 | CCX12-4 | CH007-3 | CH062-2 | CH117-1 | CH172-1 | CH227-3 | CH282-1 | CH337-4 | CH392-2 | CNL02-3 |
| BN716-2 | BX044-6 | BX099-4 | BX154-6 | BX209-4 | BX264-6 | CCX13-5 | CH008-1 | CH063-2 | CH118-2 | CH173-1 | CH228-1 | CH283-1 | CH338-2 | CH393-2 | CNL03-3 |
| BN717-2 | BX045-6 | BX100-3 | BX155-2 | BX210-4 | BX265-1 | CCX14-4 | CH009-1 | CH064-2 | CH119-2 | CH174-1 | CH229-4 | CH284-1 | CH339-4 | CH394-2 | CNY01-1 |
| BN718-2 | BX046-6 | BX101-4 | BX156-2 | BX211-4 | BX266-6 | CEI01-6 | CH010-6 | CH065-1 | CH120-2 | CH175-2 | CH230-3 | CH285-1 | CH340-4 | CH395-1 | CN001-1 |
| BN719-5 | BX047-4 | BX102-3 | BX157-1 | BX212-5 | BX267-6 | CEI02-1 | CH011-6 | CH066-1 | CH121-2 | CH176-1 | CH231-3 | CH286-1 | CH341-2 | CH396-2 | CN002-1 |
| BN720-2 | BX048-1 | BX103-4 | BX158-1 | BX213-5 | BX268-3 | CEI03-1 | CH012-2 | CH067-1 | CH122-3 | CH177-2 | CH232-1 | CH287-2 | CH342-3 | CH397-4 | CN003-1 |
| BN721-5 | BX049-4 | BX104-5 | BX159-4 | BX214-5 | BX269-3 | CEI04-6 | CH013-4 | CH068-2 | CH123-2 | CH178-1 | CH233-2 | CH288-1 | CH343-1 | CH398-2 | CN004-1 |
| BN722-3 | BX050-1 | BX105-6 | BX160-4 | BX215-2 | BX270-5 | CEI05-6 | CH014-6 | CH069-2 | CH124-1 | CH179-3 | CH234-6 | CH289-1 | CH344-2 | CH399-1 | CN005-1 |
| BOCT1-3 | BX051-4 | BX106-6 | BX161-4 | BX216-1 | BX271-2 | CEI06-6 | CH015-4 | CH070-1 | CH125-2 | CH180-5 | CH235-5 | CH290-4 | CH345-3 | CH400-5 | CN006-1 |
| BRR01-1 | BX052-6 | BX107-6 | BX162-4 | BX217-4 | BX272-3 | CEI07-1 | CH016-1 | CH071-1 | CH126-2 | CH181-5 | CH236-3 | CH291-1 | CH346-1 | CH401-2 | CN007-1 |
| BRW01-1 | BX053-4 | BX108-1 | BX163-4 | BX218-4 | BX273-2 | CEI08-6 | CH017-5 | CH072-5 | CH127-1 | CH182-1 | CH237-1 | CH292-2 | CH347-1 | CH402-2 | CN008-1 |
| BS001-1 | BX054-4 | BX109-1 | BX164-4 | BX219-4 | BX274-5 | CEI09-6 | CH018-6 | CH073-3 | CH128-1 | CH183-2 | CH238-1 | CH293-2 | CH348-1 | CH403-2 | CN009-1 |
| BVS01-1 | BX055-4 | BX110-6 | BX165-4 | BX220-4 | BX275-2 | CEI10-5 | CH019-6 | CH074-3 | CH129-1 | CH184-1 | CH239-1 | CH294-2 | CH349-2 | CH404-2 | COP01-1 |
| BX001-2 | BX056-4 | BX111-3 | BX166-4 | BX221-1 | BX276-6 | CEI11-5 | CH020-1 | CH075-5 | CH130-3 | CH185-1 | CH240-3 | CH295-1 | CH350-1 | CIC01-1 | CPF01-1 |
| BX002-2 | BX057-6 | BX112-6 | BX167-1 | BX222-2 | BX277-6 | CEI12-1 | CH021-2 | CH076-5 | CH131-3 | CH186-1 | CH241-1 | CH296-1 | CH351-1 | CIM01-1 | CP001-1 |
| BX003-2 | BX058-6 | BX113-2 | BX168-1 | BX223-2 | BX278-6 | CEI13-5 | CH022-1 | CH077-5 | CH132-3 | CH187-2 | CH242-6 | CH297-6 | CH352-3 | CIM02-1 | CP002-1 |
| BX004-4 | BX059-5 | BX114-6 | BX169-1 | BX224-2 | BX279-6 | CEI14-5 | CH023-1 | CH078-4 | CH133-1 | CH188-2 | CH243-6 | CH298-6 | CH353-1 | CIM03-1 | CP003-1 |
| BX005-4 | BX060-1 | BX115-3 | BX170-1 | BX225-1 | BX280-3 | CEI15-4 | CH024-1 | CH079-1 | CH134-1 | CH189-1 | CH244-1 | CH299-1 | CH354-2 | CIM04-1 | CP004-2 |
| BX006-2 | BX061-1 | BX116-4 | BX171-1 | BX226-4 | BX281-4 | CEI16-4 | CH025-6 | CH080-5 | CH135-1 | CH190-2 | CH245-1 | CH300-6 | CH355-2 | CIM05-1 | CP005-1 |
| BX007-3 | BX062-6 | BX117-1 | BX172-2 | BX227-4 | BX282-3 | CEI17-5 | CH026-6 | CH081-2 | CH136-2 | CH191-3 | CH246-1 | CH301-2 | CH356-2 | CIM06-1 | CSP01-1 |

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| CSP02-1 | CX012-6 | CX067-5 | CX122-1 | CX177-3 | CX232-3 | DKS01-1 | DRG19-5 | DTI16-1 | EL018-1 | EL073-1 | EL128-1 | FEC10-4 | GBW09-2 | GTW32-5 | IC026-2 |
| CSP03-1 | CX013-3 | CX068-5 | CX123-1 | CX178-6 | CX233-3 | DMI01-1 | DRG20-5 | DTI17-4 | EL019-1 | EL074-1 | EL129-1 | FEC11-3 | GBW10-2 | GTW33-2 | IC027-2 |
| CSP04-1 | CX014-3 | CX069-4 | CX124-1 | CX179-6 | CX234-3 | DMI02-1 | DRG21-2 | DTI18-4 | EL020-1 | EL075-1 | EL130-1 | FEC12-2 | GCCR1-1 | GTW34-1 | IC028-2 |
| CSP05-1 | CX015-3 | CX070-3 | CX125-1 | CX180-6 | CX235-3 | DMI03-2 | DRG22-1 | DTS01-4 | EL021-1 | EL076-1 | EL131-1 | FEC13-4 | GCW01-1 | GTW35-2 | IC029-2 |
| CSP06-1 | CX016-3 | CX071-1 | CX126-1 | CX181-3 | CX236-2 | DMI04-4 | DRG23-2 | DVS01-1 | EL022-1 | EL077-1 | EL132-1 | FERR1-1 | GHH01-1 | GTW36-2 | IC030-6 |
| CSS01-1 | CX017-5 | CX072-1 | CX127-1 | CX182-2 | CX237-5 | DMI05-1 | DRG24-2 | DWP01-1 | EL023-1 | EL078-1 | EL133-1 | FJG01-1 | GHH02-1 | GTW37-1 | IC031-1 |
| CSS02-1 | CX018-1 | CX073-2 | CX128-6 | CX183-6 | CX238-2 | DMI06-4 | DRG25-5 | EACH1-1 | EL024-1 | EL079-1 | EL134-1 | FRDN1-1 | GJ001-1 | GTW38-5 | IC032-2 |
| CSS03-1 | CX019-1 | CX074-1 | CX129-6 | CX184-6 | CX239-3 | DMI07-2 | DRG26-3 | EACH2-1 | EL025-1 | EL080-1 | EL135-1 | FSVB1-1 | GMRC1-1 | GTW39-5 | IC033-2 |
| CS001-1 | CX020-5 | CX075-2 | CX130-2 | CX185-4 | CX240-5 | DMI08-4 | DRG27-5 | EDW01-1 | EL026-1 | EL081-1 | EL136-1 | FSVB2-1 | GM001-1 | GTW40-2 | IC034-2 |
| CS002-1 | CX021-5 | CX076-1 | CX131-1 | CX186-4 | CX241-5 | DMI09-2 | DRG28-3 | EEO01-1 | EL027-1 | EL082-1 | EL137-1 | FWD01-3 | GNA01-1 | GTW41-2 | IC035-1 |
| CS003-3 | CX022-3 | CX077-2 | CX132-1 | CX187-6 | CX242-1 | DMI10-5 | DRG29-5 | EJE01-2 | EL028-1 | EL083-1 | EL138-1 | FWD02-1 | GNWR1-1 | GTW42-5 | IC036-5 |
| CS004-3 | CX023-5 | CX078-2 | CX133-1 | CX188-6 | CX243-6 | DMI11-4 | DRG30-5 | EJE02-2 | EL029-1 | EL084-1 | EL139-1 | FWD03-3 | GRIN1-1 | GTW43-2 | IC037-2 |
| CS005-3 | CX024-5 | CX079-2 | CX134-6 | CX189-6 | CX244-2 | DMI12-4 | DRG31-2 | EJE03-2 | EL030-1 | EL085-1 | EL140-1 | FWD04-3 | GRIN2-1 | GTW44-5 | IC038-5 |
| CS006-1 | CX025-1 | CX080-1 | CX135-3 | CX190-6 | CX245-6 | DMI13-4 | DRG32-3 | EJE04-1 | EL031-4 | EL086-1 | EL141-1 | FWD05-3 | GRN01-1 | GTW45-1 | IC039-1 |
| CS007-1 | CX026-5 | CX081-4 | CX136-6 | CX191-3 | CX246-6 | DMI14-4 | DRG33-4 | EJE05-3 | EL032-4 | EL087-1 | EL142-4 | FWD06-2 | GSW01-1 | GTW46-2 | IC040-5 |
| CS008-1 | CX027-6 | CX082-1 | CX137-1 | CX192-6 | CX247-3 | DMI15-2 | DRG34-5 | EJE06-4 | EL033-4 | EL088-1 | EL143-1 | FWD07-3 | GTE01-1 | GWR01-1 | IC041-4 |
| CS009-3 | CX028-6 | CX083-1 | CX138-1 | CX193-4 | DCI01-1 | DMI16-2 | DRG35-4 | EJE07-3 | EL034-1 | EL089-1 | EL144-1 | FWD08-1 | GTE02-1 | GWR02-1 | IC042-2 |
| CS010-1 | CX029-5 | CX084-1 | CX139-1 | CX194-6 | DH001-2 | DMI17-6 | DRG36-5 | EJE08-4 | EL035-4 | EL090-1 | EL145-4 | FWD09-2 | GTE03-1 | GWR03-1 | IC043-2 |
| CS011-1 | CX030-5 | CX085-1 | CX140-2 | CX195-6 | DH002-1 | DMI18-6 | DRG37-4 | EJE09-3 | EL036-1 | EL091-1 | EL146-1 | FWD10-2 | GTE04-1 | GWR04-1 | IC044-2 |
| CS012-2 | CX031-5 | CX086-6 | CX141-2 | CX196-2 | DH003-2 | DMI19-6 | DRG38-1 | EJE10-4 | EL037-1 | EL092-1 | EL147-1 | FWD11-3 | GTE05-1 | GWR05-1 | IC045-4 |
| CS013-3 | CX032-2 | CX087-6 | CX142-4 | CX197-1 | DH004-1 | DMI20-6 | DRG39-2 | EJE11-4 | EL038-1 | EL093-1 | EL148-1 | FWD12-3 | GTE06-1 | GWR06-1 | IC046-3 |
| CS014-3 | CX033-5 | CX088-6 | CX143-1 | CX198-1 | DH005-1 | DMI21-2 | DRG40-4 | EJE12-1 | EL039-1 | EL094-1 | EL149-1 | FWD13-3 | GTE07-1 | GWR07-1 | IC047-5 |
| CS015-3 | CX034-2 | CX089-6 | CX144-4 | CX199-1 | DH006-2 | DMI22-2 | DRG41-1 | EJE13-1 | EL040-1 | EL095-1 | EL150-1 | FWD14-3 | GTE08-1 | HB001-1 | IC048-1 |
| CS016-3 | CX035-1 | CX090-1 | CX145-4 | CX200-1 | DH007-3 | DMI23-2 | DRG42-2 | EJE14-3 | EL041-1 | EL096-1 | EL151-1 | FWD15-3 | GTE09-2 | HE001-1 | IC049-5 |
| CS017-3 | CX036-1 | CX091-3 | CX146-4 | CX201-1 | DH008-2 | DMI24-2 | DRG43-3 | EJE15-4 | EL042-1 | EL097-1 | EL152-1 | FWD16-3 | GTW01-5 | HLNE1-1 | IC050-5 |
| CS018-3 | CX037-1 | CX092-1 | CX147-1 | CX202-1 | DH009-3 | DMI25-4 | DRG44-1 | EJE16-3 | EL043-1 | EL098-1 | EL153-6 | FWD17-1 | GTW02-5 | HPTD1-1 | IC051-5 |
| CS019-1 | CX038-2 | CX093-6 | CX148-5 | CX203-2 | DH010-4 | DMI26-4 | DRG45-2 | EJE17-1 | EL044-3 | EL099-1 | EL154-6 | FWD18-2 | GTW03-5 | HPTD2-1 | IC052-2 |
| CS020-3 | CX039-2 | CX094-2 | CX149-3 | CX204-2 | DH011-4 | DMI27-2 | DRG46-2 | EJE18-5 | EL045-1 | EL100-1 | EL155-6 | FWD19-1 | GTW04-5 | HRT01-1 | IC053-2 |
| CV001-2 | CX040-5 | CX095-3 | CX150-3 | CX205-2 | DH012-1 | DMI28-3 | DRG47-5 | EJE19-3 | EL046-1 | EL101-1 | EL156-6 | FWD20-1 | GTW05-5 | HS001-1 | IC054-1 |
| CV002-3 | CX041-1 | CX096-3 | CX151-1 | CX206-3 | DH013-5 | DM001-1 | DRG48-4 | EJE20-1 | EL047-1 | EL102-4 | EL157-2 | FWD21-1 | GTW06-5 | IAT01-1 | IC055-4 |
| CV003-3 | CX042-1 | CX097-3 | CX152-4 | CX207-2 | DH014-2 | DM002-1 | DRG49-5 | EJE21-2 | EL048-1 | EL103-1 | EL158-1 | FWD22-3 | GTW07-5 | IC001-1 | IC056-3 |
| CV004-3 | CX043-3 | CX098-3 | CX153-2 | CX208-4 | DH015-2 | DM003-1 | DRG50-4 | EJE22-5 | EL049-1 | EL104-1 | EL159-1 | FWD23-3 | GTW08-1 | IC002-1 | IC057-3 |
| CV005-3 | CX044-3 | CX099-3 | CX154-3 | CX209-6 | DH016-2 | DM004-1 | DRG51-3 | EJE23-5 | EL050-1 | EL105-1 | EL160-1 | FWD24-3 | GTW09-1 | IC003-2 | IC058-2 |
| CV006-2 | CX045-1 | CX100-6 | CX155-1 | CX210-6 | DH017-2 | DM005-1 | DRG52-3 | EJE24-1 | EL051-1 | EL106-2 | EL161-1 | FWD25-1 | GTW10-4 | IC004-2 | IC059-2 |
| CV007-2 | CX046-1 | CX101-6 | CX156-6 | CX211-6 | DH018-2 | DM006-1 | DRG53-4 | EJE25-4 | EL052-1 | EL107-2 | EL162-4 | FWD26-3 | GTW11-4 | IC005-2 | IC060-2 |
| CV008-2 | CX047-2 | CX102-6 | CX157-3 | CX212-2 | DH019-5 | DM007-1 | DRG54-1 | EJE26-4 | EL053-1 | EL108-1 | EL163-1 | FWD27-1 | GTW12-1 | IC006-2 | IC061-1 |
| CV009-2 | CX048-2 | CX103-1 | CX158-1 | CX213-5 | DH020-5 | DNE01-1 | DR001-1 | ELS01-1 | EL054-1 | EL109-1 | EL164-1 | GAR01-2 | GTW13-1 | IC007-2 | IC062-4 |
| CV010-2 | CX049-3 | CX104-1 | CX159-6 | CX214-5 | DH021-5 | DRG01-2 | DS001-1 | ELS02-1 | EL055-1 | EL110-1 | EL165-1 | GAR02-1 | GTW14-1 | IC008-3 | IC063-1 |
| CV011-2 | CX050-3 | CX105-1 | CX160-6 | CX215-1 | DH022-5 | DRG02-3 | DS002-1 | EL001-1 | EL056-1 | EL111-1 | EL166-1 | GAR03-3 | GTW15-3 | IC009-1 | IC064-1 |
| CV012-2 | CX051-3 | CX106-1 | CX161-2 | CX216-1 | DH023-4 | DRG03-3 | DS003-1 | EL002-1 | EL057-1 | EL112-2 | EMCX1-1 | GAR04-4 | GTW16-3 | IC010-6 | IC065-1 |
| CV013-2 | CX052-2 | CX107-5 | CX162-2 | CX217-1 | DH024-4 | DRG04-3 | DTI01-2 | EL003-1 | EL058-1 | EL113-1 | EMCX2-1 | GAR05-4 | GTW17-1 | IC011-6 | IC066-2 |
| CWR01-1 | CX053-2 | CX108-1 | CX163-1 | CX218-1 | DH025-5 | DRG05-1 | DTI02-2 | EL004-1 | EL059-1 | EL114-1 | EMCX3-1 | GAR06-4 | GTW18-4 | IC012-1 | IC067-4 |
| CW001-1 | CX054-2 | CX109-1 | CX164-6 | CX219-5 | DH026-4 | DRG06-1 | DTI03-3 | EL005-1 | EL060-1 | EL115-1 | EMT01-1 | GAR07-4 | GTW19-1 | IC013-3 | IC068-4 |
| CW002-1 | CX055-2 | CX110-1 | CX165-6 | CX220-2 | DH027-1 | DRG07-3 | DTI04-3 | EL006-1 | EL061-1 | EL116-1 | ETWN1-1 | GAR08-4 | GTW20-4 | IC014-4 | IC069-2 |
| CX001-6 | CX056-5 | CX111-1 | CX166-1 | CX221-6 | DH028-4 | DRG08-1 | DTI05-3 | EL007-1 | EL062-1 | EL117-6 | FCIN1-1 | GAR09-3 | GTW21-1 | IC015-4 | IC070-1 |
| CX002-1 | CX057-2 | CX112-1 | CX167-1 | CX222-6 | DH029-4 | DRG09-1 | DTI06-5 | EL008-4 | EL063-1 | EL118-1 | FC001-1 | GAR10-4 | GTW22-5 | IC016-2 | IC071-2 |
| CX003-2 | CX058-2 | CX113-1 | CX168-1 | CX223-6 | DH030-4 | DRG10-1 | DTI07-4 | EL009-4 | EL064-1 | EL119-1 | FC002-1 | GAR11-1 | GTW23-1 | IC017-2 | IC072-1 |
| CX004-1 | CX059-1 | CX114-1 | CX169-1 | CX224-6 | DH031-4 | DRG11-1 | DTI08-4 | EL010-1 | EL065-1 | EL120-6 | FEC02-4 | GBW01-2 | GTW24-4 | IC018-2 | IC073-1 |
| CX005-1 | CX060-3 | CX115-1 | CX170-1 | CX225-6 | DH032-4 | DRG12-5 | DTI09-1 | EL011-1 | EL066-1 | EL121-1 | FEC03-4 | GBW02-2 | GTW25-3 | IC019-4 | IC074-2 |
| CX006-1 | CX061-2 | CX116-1 | CX171-1 | CX226-3 | DH033-4 | DRG13-1 | DTI10-1 | EL012-1 | EL067-1 | EL122-6 | FEC04-2 | GBW03-2 | GTW26-1 | IC020-4 | IC075-2 |
| CX007-6 | CX062-4 | CX117-1 | CX172-1 | CX227-3 | DH034-4 | DRG14-4 | DTI11-3 | EL013-1 | EL068-1 | EL123-1 | FEC05-1 | GBW04-2 | GTW27-1 | IC021-1 | IC076-2 |
| CX008-6 | CX063-5 | CX118-1 | CX173-1 | CX228-3 | DH035-5 | DRG15-5 | DTI12-2 | EL014-1 | EL069-1 | EL124-1 | FEC06-4 | GBW05-2 | GTW28-1 | IC022-1 | IC077-4 |
| CX009-6 | CX064-3 | CX119-1 | CX174-1 | CX229-3 | DH036-2 | DRG16-5 | DTI13-3 | EL015-1 | EL070-1 | EL125-1 | FEC07-1 | GBW06-2 | GTW29-4 | IC023-2 | IC078-5 |
| CX010-6 | CX065-2 | CX120-1 | CX175-5 | CX230-3 | DH037-4 | DRG17-2 | DTI14-3 | EL016-1 | EL071-1 | EL126-1 | FEC08-4 | GBW07-2 | GTW30-2 | IC024-1 | IC079-1 |
| CX011-6 | CX066-2 | CX121-1 | CX176-3 | CX231-3 | DH038-3 | DRG18-4 | DTI15-4 | EL017-1 | EL072-1 | EL127-1 | FEC09-4 | GBW08-2 | GTW31-5 | IC025-2 | IC080-4 |

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|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| IC081-4 | IC136-3 | IC191-2 | IC246-1 | IC301-6 | IC356-5 | KCPR1-1 | LC001-1 | LN023-3 | LN078-2 | LN133-1 | LN188-4 | LN243-6 | LV007-1 | LV062-1 | MEC24-3 |
| IC082-6 | IC137-2 | IC192-2 | IC247-1 | IC302-6 | IC357-2 | KCS01-2 | LC002-1 | LN024-3 | LN079-2 | LN134-5 | LN189-4 | LN244-3 | LV008-2 | LV063-2 | MEC25-3 |
| IC083-6 | IC138-4 | IC193-2 | IC248-3 | IC303-3 | IC358-3 | KCS02-4 | LEF01-1 | LN025-2 | LN080-6 | LN135-5 | LN190-2 | LN245-2 | LV009-1 | LV064-1 | MEC26-2 |
| IC084-1 | IC139-6 | IC194-2 | IC249-1 | IC304-3 | IC359-2 | KCS03-4 | LEF02-1 | LN026-3 | LN081-6 | LN136-1 | LN191-4 | LN246-6 | LV010-1 | LV065-2 | MEC27-3 |
| IC085-1 | IC140-1 | IC195-5 | IC250-1 | IC305-6 | IC360-3 | KCS04-4 | LHR01-4 | LN027-1 | LN082-5 | LN137-1 | LN192-4 | LN247-5 | LV011-1 | LV066-2 | MEC28-3 |
| IC086-6 | IC141-6 | IC196-5 | IC251-1 | IC306-6 | IC361-3 | KCS05-4 | LHR02-3 | LN028-2 | LN083-1 | LN138-5 | LN193-2 | LN248-2 | LV012-1 | LV067-2 | MEC29-1 |
| IC087-2 | IC142-2 | IC197-1 | IC252-2 | IC307-2 | IC362-5 | KCS06-4 | LHR03-4 | LN029-2 | LN084-5 | LN139-1 | LN194-2 | LN249-6 | LV013-1 | LV068-2 | MEC30-2 |
| IC088-4 | IC143-6 | IC198-1 | IC253-2 | IC308-2 | IC363-2 | KCS07-4 | LI001-1 | LN030-2 | LN085-1 | LN140-2 | LN195-2 | LN250-4 | LV014-1 | LV069-2 | MEC31-2 |
| IC089-6 | IC144-1 | IC199-5 | IC254-2 | IC309-2 | IC364-2 | KCS08-4 | LI002-2 | LN031-2 | LN086-3 | LN141-1 | LN196-2 | LN251-5 | LV015-1 | LV070-2 | MEC32-1 |
| IC090-4 | IC145-1 | IC200-5 | IC255-2 | IC310-4 | IC365-2 | KCS09-4 | LI003-1 | LN032-2 | LN087-5 | LN142-4 | LN197-2 | LN252-6 | LV016-1 | LV071-4 | ME001-1 |
| IC091-1 | IC146-1 | IC201-5 | IC256-2 | IC311-2 | IC366-2 | KCS10-4 | LI004-1 | LN033-2 | LN088-3 | LN143-1 | LN198-1 | LN253-1 | LV017-1 | LV072-1 | MGA01-1 |
| IC092-1 | IC147-4 | IC202-1 | IC257-2 | IC312-3 | IC367-5 | KCS11-4 | LI005-1 | LN034-2 | LN089-5 | LN144-1 | LN199-1 | LN254-5 | LV018-4 | LV073-4 | MGA02-3 |
| IC093-6 | IC148-4 | IC203-1 | IC258-1 | IC313-4 | IC368-3 | KCS12-4 | LI006-1 | LN035-2 | LN090-5 | LN145-5 | LN200-1 | LN255-1 | LV019-6 | LV074-4 | MGA03-3 |
| IC094-3 | IC149-6 | IC204-1 | IC259-2 | IC314-2 | IC369-3 | KCS13-4 | LI007-1 | LN036-2 | LN091-6 | LN146-1 | LN201-1 | LN256-5 | LV020-5 | LV075-1 | MGA04-1 |
| IC095-1 | IC150-6 | IC205-1 | IC260-4 | IC315-4 | IC370-1 | KCS14-4 | LI008-1 | LN037-2 | LN092-1 | LN147-4 | LN202-2 | LN257-1 | LV021-5 | LV076-2 | MGA05-3 |
| IC096-4 | IC151-1 | IC206-1 | IC261-3 | IC316-2 | IC371-3 | KCS15-4 | LI009-1 | LN038-2 | LN093-1 | LN148-4 | LN203-2 | LN258-6 | LV022-6 | LV077-1 | MGA06-1 |
| IC097-1 | IC152-5 | IC207-3 | IC262-2 | IC317-4 | IC372-1 | KCS16-4 | LI010-2 | LN039-3 | LN094-1 | LN149-6 | LN204-4 | LN259-6 | LV023-6 | LV078-1 | MGA07-1 |
| IC098-6 | IC153-2 | IC208-1 | IC263-4 | IC318-2 | IC373-2 | KCS17-5 | LI011-2 | LN040-4 | LN095-6 | LN150-6 | LN205-4 | LN260-6 | LV024-1 | LV079-1 | MGA08-2 |
| IC099-6 | IC154-3 | IC209-1 | IC264-3 | IC319-4 | IC374-2 | KCS18-5 | LI012-1 | LN041-1 | LN096-1 | LN151-1 | LN206-6 | LN261-6 | LV025-5 | LV080-1 | MGA09-1 |
| IC100-2 | IC155-6 | IC210-3 | IC265-2 | IC320-4 | IC375-2 | KCS19-5 | LI013-2 | LN042-4 | LN097-1 | LN152-5 | LN207-6 | LN262-5 | LV026-5 | LV081-2 | MG001-1 |
| IC101-2 | IC156-3 | IC211-3 | IC266-3 | IC321-2 | IC376-2 | KCS20-5 | LI014-2 | LN043-4 | LN098-5 | LN153-5 | LN208-6 | LN263-6 | LV027-5 | LV082-1 | MHCX1-1 |
| IC102-6 | IC157-3 | IC212-1 | IC267-1 | IC322-5 | IC377-2 | KCS21-5 | LI015-1 | LN044-4 | LN099-5 | LN154-5 | LN209-1 | LN264-1 | LV028-3 | LV083-1 | MH001-1 |
| IC103-6 | IC158-5 | IC213-2 | IC268-3 | IC323-2 | IC378-4 | KCS22-5 | LI016-2 | LN045-4 | LN100-1 | LN155-2 | LN210-1 | LN265-5 | LV029-1 | LV084-1 | MISS1-1 |
| IC104-2 | IC159-2 | IC214-1 | IC269-3 | IC324-2 | IC379-4 | KCS23-5 | LI017-1 | LN046-1 | LN101-6 | LN156-5 | LN211-5 | LN266-5 | LV030-1 | LWV01-1 | MI001-1 |
| IC105-2 | IC160-2 | IC215-3 | IC270-1 | IC325-2 | IC380-4 | KCS24-2 | LI018-2 | LN047-4 | LN102-5 | LN157-5 | LN212-1 | LN267-1 | LV031-3 | LW001-1 | MI002-1 |
| IC106-6 | IC161-3 | IC216-3 | IC271-3 | IC326-1 | IC381-3 | KCS25-4 | LI019-1 | LN048-4 | LN103-1 | LN158-5 | LN213-5 | LN268-5 | LV032-3 | MAA01-1 | MI003-1 |
| IC107-2 | IC162-1 | IC217-1 | IC272-3 | IC327-3 | IC382-3 | KCS26-4 | LNAC1-1 | LN049-1 | LN104-6 | LN159-2 | LN214-5 | LN269-2 | LV033-6 | MBRR1-1 | MI004-1 |
| IC108-2 | IC163-1 | IC218-2 | IC273-3 | IC328-2 | IC383-2 | KCS27-4 | LNE01-1 | LN050-4 | LN105-6 | LN160-2 | LN215-6 | LN270-5 | LV034-5 | MBT01-1 | MI005-1 |
| IC109-2 | IC164-1 | IC219-5 | IC274-4 | IC329-1 | IC384-3 | KCS28-4 | LNE02-1 | LN051-4 | LN106-2 | LN161-2 | LN216-2 | LN271-5 | LV035-5 | MB001-1 | MI006-2 |
| IC110-2 | IC165-6 | IC220-2 | IC275-3 | IC330-4 | IC385-3 | KCS29-4 | LNE03-1 | LN052-4 | LN107-6 | LN162-5 | LN217-1 | LN272-1 | LV036-3 | MCR01-1 | MI007-2 |
| IC111-2 | IC166-3 | IC221-2 | IC276-4 | IC331-5 | IC386-3 | KCS30-5 | LNE04-1 | LN053-4 | LN108-4 | LN163-2 | LN218-2 | LN273-2 | LV037-6 | MCR02-1 | MI008-2 |
| IC112-2 | IC167-3 | IC222-2 | IC277-1 | IC332-5 | IC387-2 | KCS31-5 | LNW01-1 | LN054-2 | LN109-4 | LN164-2 | LN219-6 | LN274-4 | LV038-5 | MCSA1-1 | MI009-1 |
| IC113-5 | IC168-1 | IC223-1 | IC278-4 | IC333-4 | IC388-3 | KNOR1-1 | LNK01-1 | LN055-4 | LN110-4 | LN165-2 | LN220-1 | LN275-5 | LV039-5 | MEC01-2 | MKT01-3 |
| IC114-3 | IC169-5 | IC224-2 | IC279-3 | IC334-5 | IC389-3 | KT001-1 | LN001-1 | LN056-3 | LN111-4 | LN166-2 | LN221-1 | LOAM1-1 | LV040-2 | MEC02-1 | MKT02-1 |
| IC115-3 | IC170-1 | IC225-1 | IC280-3 | IC335-3 | IC390-1 | LAL01-1 | LN002-5 | LN057-3 | LN112-4 | LN167-2 | LN222-2 | LOAM2-1 | LV041-5 | MEC03-2 | MKT03-3 |
| IC116-2 | IC171-2 | IC226-2 | IC281-4 | IC336-2 | IC391-3 | LAWV1-1 | LN003-3 | LN058-6 | LN113-1 | LN168-6 | LN223-5 | LPN01-1 | LV042-5 | MEC04-1 | MKT04-3 |
| IC117-2 | IC172-2 | IC227-2 | IC282-4 | IC337-1 | IHB01-1 | LA001-1 | LN004-4 | LN059-5 | LN114-1 | LN169-3 | LN224-4 | LRS01-1 | LV043-5 | MEC05-2 | MKT05-3 |
| IC118-2 | IC173-2 | IC228-3 | IC283-4 | IC338-1 | IRN01-1 | LA002-1 | LN005-1 | LN060-6 | LN115-1 | LN170-3 | LN225-4 | LRS02-1 | LV044-5 | MEC06-2 | MKT06-3 |
| IC119-3 | IC174-2 | IC229-1 | IC284-2 | IC339-3 | ITC01-2 | LA003-1 | LN006-1 | LN061-2 | LN116-4 | LN171-6 | LN226-2 | LSBC1-1 | LV045-1 | MEC07-3 | MKT07-3 |
| IC120-3 | IC175-1 | IC230-3 | IC285-3 | IC340-4 | ITC02-2 | LA004-1 | LN007-1 | LN062-2 | LN117-5 | LN172-5 | LN227-2 | LSI01-1 | LV046-5 | MEC08-3 | MKT08-3 |
| IC121-2 | IC176-3 | IC231-3 | IC286-1 | IC341-1 | ITC03-1 | LA005-1 | LN008-3 | LN063-2 | LN118-6 | LN173-5 | LN228-3 | LSI02-1 | LV047-1 | MEC09-2 | MKT09-3 |
| IC122-3 | IC177-1 | IC232-2 | IC287-3 | IC342-6 | ITC04-1 | LA006-1 | LN009-3 | LN064-2 | LN119-1 | LN174-3 | LN229-2 | LSI03-1 | LV048-1 | MEC10-1 | MKT10-3 |
| IC123-2 | IC178-1 | IC233-2 | IC288-4 | IC343-6 | ITC05-2 | LA007-1 | LN010-4 | LN065-2 | LN120-6 | LN175-3 | LN230-4 | LSI04-1 | LV049-2 | MEC11-1 | MKT11-3 |
| IC124-3 | IC179-1 | IC234-1 | IC289-4 | IC344-1 | ITC06-1 | LA008-1 | LN011-4 | LN066-2 | LN121-1 | LN176-2 | LN231-4 | LSI05-1 | LV050-1 | MEC12-1 | MKT12-2 |
| IC125-2 | IC180-3 | IC235-1 | IC290-2 | IC345-2 | ITC07-1 | LA009-3 | LN012-1 | LN067-2 | LN122-1 | LN177-3 | LN232-5 | LSI06-4 | LV051-1 | MEC13-2 | MKT13-2 |
| IC126-3 | IC181-3 | IC236-2 | IC291-1 | IC346-2 | ITC08-3 | LA010-3 | LN013-1 | LN068-2 | LN123-1 | LN178-4 | LN233-4 | LSI07-4 | LV052-1 | MEC14-3 | MKT14-4 |
| IC127-4 | IC182-3 | IC237-1 | IC292-2 | IC347-3 | ITC09-3 | LA011-3 | LN014-3 | LN069-2 | LN124-1 | LN179-6 | LN234-5 | LSI08-4 | LV053-1 | MEC15-3 | MKT15-4 |
| IC128-2 | IC183-1 | IC238-2 | IC293-3 | IC348-3 | ITC10-1 | LA012-3 | LN015-3 | LN070-2 | LN125-1 | LN180-6 | LN235-3 | LSI09-4 | LV054-1 | MEC16-3 | MKT16-2 |
| IC129-2 | IC184-2 | IC239-3 | IC294-1 | IC349-3 | ITC11-3 | LA013-3 | LN016-4 | LN071-2 | LN126-1 | LN181-2 | LN236-3 | LT001-1 | LV055-1 | MEC17-3 | MKT17-4 |
| IC130-4 | IC185-3 | IC240-3 | IC295-4 | IC350-3 | ITC12-3 | LA014-1 | LN017-5 | LN072-2 | LN127-1 | LN182-2 | LN237-3 | LV001-1 | LV056-5 | MEC18-3 | MKT18-2 |
| IC131-4 | IC186-3 | IC241-3 | IC296-1 | IC351-3 | ITC13-2 | LA015-1 | LN018-5 | LN073-4 | LN128-1 | LN183-5 | LN238-4 | LV002-1 | LV057-5 | MEC19-2 | MKT19-3 |
| IC132-3 | IC187-3 | IC242-5 | IC297-3 | IC352-3 | ITC14-3 | LA016-1 | LN019-1 | LN074-3 | LN129-4 | LN184-2 | LN239-5 | LV003-1 | LV058-5 | MEC20-1 | MKT20-4 |
| IC133-3 | IC188-2 | IC243-5 | IC298-1 | IC353-2 | ITC15-3 | LA017-1 | LN020-1 | LN075-2 | LN130-1 | LN185-2 | LN240-4 | LV004-1 | LV059-4 | MEC21-3 | MKT21-1 |
| IC134-2 | IC189-2 | IC244-3 | IC299-6 | IC354-3 | ITC16-1 | LA018-3 | LN021-3 | LN076-2 | LN131-1 | LN186-2 | LN241-4 | LV005-1 | LV060-4 | MEC22-3 | MKT22-2 |
| IC135-6 | IC190-3 | IC245-3 | IC300-4 | IC355-1 | KCNW1-1 | LBL01-1 | LN022-3 | LN077-2 | LN132-1 | LN187-1 | LN242-4 | LV006-1 | LV061-2 | MEC23-4 | MKT23-4 |

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|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| MKT24-2 | MP003-2 | MP058-1 | MP113-1 | MP168-4 | MP223-4 | MP278-1 | MW019-3 | MW074-4 | MW129-1 | MW184-1 | MW239-2 | MW294-4 | NS010-2 | NW020-5 | NW075-3 |
| MKT25-4 | MP004-4 | MP059-6 | MP114-1 | MP169-2 | MP224-4 | MP279-1 | MW020-3 | MW075-1 | MW130-4 | MW185-4 | MW240-3 | MW295-2 | NS011-2 | NW021-2 | NW076-2 |
| MKT26-4 | MP005-6 | MP060-5 | MP115-1 | MP170-1 | MP225-4 | MP280-2 | MW021-1 | MW076-1 | MW131-4 | MW186-1 | MW241-1 | MW296-2 | NS012-2 | NW022-5 | NW077-2 |
| MKT27-1 | MP006-4 | MP061-5 | MP116-3 | MP171-4 | MP226-4 | MP281-2 | MW022-1 | MW077-2 | MW132-4 | MW187-1 | MW242-4 | MW297-4 | NS013-2 | NW023-1 | NW078-3 |
| MKT28-1 | MP007-6 | MP062-5 | MP117-3 | MP172-1 | MP227-1 | MP282-2 | MW023-3 | MW078-1 | MW133-5 | MW188-1 | MW243-2 | MW298-4 | NS014-2 | NW024-1 | NW079-5 |
| MKT29-2 | MP008-6 | MP063-1 | MP118-2 | MP173-1 | MP228-6 | MP283-5 | MW024-2 | MW079-2 | MW134-5 | MW189-2 | MW244-2 | MW299-2 | NS015-2 | NW025-1 | NW080-1 |
| MKT30-2 | MP009-2 | MP064-1 | MP119-1 | MP174-4 | MP229-4 | MP284-4 | MW025-2 | MW080-1 | MW135-2 | MW190-2 | MW245-3 | MW300-4 | NS016-2 | NW026-1 | NW081-2 |
| MKT31-4 | MP010-2 | MP065-1 | MP120-3 | MP175-5 | MP230-4 | MP285-2 | MW026-2 | MW081-1 | MW136-4 | MW191-4 | MW246-3 | MW301-4 | NS017-2 | NW027-4 | NW082-3 |
| MKT32-2 | MP011-1 | MP066-6 | MP121-1 | MP176-6 | MP231-1 | MP286-4 | MW027-2 | MW082-1 | MW137-4 | MW192-3 | MW247-2 | MW302-1 | NS018-2 | NW028-4 | NW083-3 |
| MKT33-4 | MP012-4 | MP067-6 | MP122-1 | MP177-1 | MP232-5 | MP287-6 | MW028-1 | MW083-1 | MW138-1 | MW193-1 | MW248-4 | MW303-1 | NS019-2 | NW029-1 | NW084-2 |
| MKT34-4 | MP013-4 | MP068-2 | MP123-2 | MP178-1 | MP233-1 | MP288-4 | MW029-2 | MW084-1 | MW139-2 | MW194-1 | MW249-4 | MW304-1 | NS020-2 | NW030-2 | NW085-5 |
| MKT35-4 | MP014-5 | MP069-2 | MP124-1 | MP179-5 | MP234-5 | MP289-4 | MW030-2 | MW085-1 | MW140-4 | MW195-1 | MW250-2 | MW305-2 | NS021-2 | NW031-1 | NW086-5 |
| MKT36-2 | MP015-1 | MP070-1 | MP125-2 | MP180-4 | MP235-1 | MP290-4 | MW031-2 | MW086-1 | MW141-4 | MW196-1 | MW251-2 | MW306-4 | NS022-2 | NW032-4 | NW087-2 |
| MKT37-1 | MP016-1 | MP071-1 | MP126-2 | MP181-1 | MP236-3 | MP291-2 | MW032-2 | MW087-1 | MW142-1 | MW197-4 | MW252-1 | MW307-4 | NS023-2 | NW033-1 | NW088-3 |
| MKT38-2 | MP017-1 | MP072-1 | MP127-2 | MP182-5 | MP237-5 | MP292-2 | MW033-1 | MW088-1 | MW143-1 | MW198-4 | MW253-2 | MW308-2 | NS024-2 | NW034-6 | NW089-3 |
| MKT39-2 | MP018-1 | MP073-4 | MP128-1 | MP183-5 | MP238-2 | MP293-4 | MW034-2 | MW089-2 | MW144-1 | MW199-4 | MW254-3 | MW309-3 | NS025-3 | NW035-2 | NW090-4 |
| MKT40-2 | MP019-2 | MP074-4 | MP129-4 | MP184-1 | MP239-2 | MP294-3 | MW035-1 | MW090-2 | MW145-1 | MW200-4 | MW255-2 | MW310-4 | NS026-3 | NW036-1 | NW091-5 |
| MKT41-4 | MP020-2 | MP075-4 | MP130-2 | MP185-4 | MP240-2 | MP295-3 | MW036-2 | MW091-2 | MW146-1 | MW201-2 | MW256-4 | MW311-3 | NS027-2 | NW037-1 | NW092-3 |
| MKT42-1 | MP021-2 | MP076-1 | MP131-4 | MP186-3 | MP241-6 | MP296-4 | MW037-4 | MW092-1 | MW147-1 | MW202-3 | MW257-4 | MW312-3 | NS028-2 | NW038-1 | NW093-3 |
| MKT43-5 | MP022-3 | MP077-4 | MP132-2 | MP187-1 | MP242-5 | MP297-4 | MW038-1 | MW093-5 | MW148-1 | MW203-1 | MW258-1 | MW313-4 | NS029-2 | NW039-1 | NW094-5 |
| MKT44-2 | MP023-3 | MP078-1 | MP133-5 | MP188-4 | MP243-4 | MP298-4 | MW039-1 | MW094-5 | MW149-4 | MW204-3 | MW259-4 | MW314-1 | NS030-2 | NW040-6 | NW095-3 |
| MKT45-1 | MP024-2 | MP079-1 | MP134-5 | MP189-4 | MP244-5 | MSE01-1 | MW040-2 | MW095-1 | MW150-1 | MW205-3 | MW260-2 | MW315-1 | NS031-2 | NW041-4 | NW096-2 |
| MKT46-1 | MP025-3 | MP080-4 | MP135-1 | MP190-4 | MP245-6 | MSV01-1 | MW041-1 | MW096-1 | MW151-1 | MW206-2 | MW261-1 | MW316-2 | NS032-2 | NW042-2 | NW097-2 |
| MKT47-2 | MP026-3 | MP081-5 | MP136-1 | MP191-4 | MP246-6 | MS001-1 | MW042-1 | MW097-2 | MW152-1 | MW207-2 | MW262-2 | MW317-2 | NS033-2 | NW043-3 | NW098-3 |
| MKT48-2 | MP027-4 | MP082-1 | MP137-1 | MP192-4 | MP247-6 | MTRF1-1 | MW043-1 | MW098-2 | MW153-1 | MW208-2 | MW263-2 | MW318-3 | NS034-2 | NW044-2 | NW099-2 |
| MKT49-3 | MP028-2 | MP083-3 | MP138-1 | MP193-5 | MP248-1 | MTRF2-1 | MW044-3 | MW099-1 | MW154-1 | MW209-2 | MW264-1 | MW319-3 | NS035-3 | NW045-3 | NW100-2 |
| MKT50-4 | MP029-2 | MP084-3 | MP139-1 | MP194-5 | MP249-4 | MTRF3-1 | MW045-3 | MW100-2 | MW155-1 | MW210-1 | MW265-2 | MW320-3 | NS036-2 | NW046-6 | NW101-3 |
| MKT51-2 | MP030-2 | MP085-3 | MP140-1 | MP195-5 | MP250-4 | MTR01-1 | MW046-1 | MW101-2 | MW156-4 | MW211-1 | MW266-2 | NAP01-1 | NWP01-2 | NW047-1 | NW102-6 |
| MKT52-2 | MP031-1 | MP086-4 | MP141-5 | MP196-5 | MP251-3 | MTR02-1 | MW047-3 | MW102-1 | MW157-1 | MW212-2 | MW267-2 | NB001-1 | NWP02-1 | NW048-5 | NW103-1 |
| MKT53-4 | MP032-1 | MP087-4 | MP142-5 | MP197-4 | MP252-3 | MTR03-1 | MW048-3 | MW103-2 | MW158-1 | MW213-1 | MW268-2 | NEZP1-1 | NWP03-2 | NW049-4 | NW104-4 |
| MKT54-4 | MP033-1 | MP088-4 | MP143-5 | MP198-3 | MP253-3 | MTR04-1 | MW049-1 | MW104-2 | MW159-4 | MW214-3 | MW269-1 | NFD01-1 | NWP04-2 | NW050-6 | NW105-4 |
| MKT55-4 | MP034-1 | MP089-4 | MP144-1 | MP199-3 | MP254-3 | MTR05-1 | MW050-3 | MW105-2 | MW160-1 | MW215-1 | MW270-2 | NFD02-1 | NWP05-3 | NW051-4 | NW106-4 |
| MKT56-2 | MP035-1 | MP090-1 | MP145-5 | MP200-2 | MP255-3 | MTR06-1 | MW051-5 | MW106-2 | MW161-2 | MW216-1 | MW271-1 | NFD03-1 | NWP06-3 | NW052-2 | NW107-1 |
| MKT57-2 | MP036-5 | MP091-2 | MP146-3 | MP201-3 | MP256-2 | MTW01-1 | MW052-6 | MW107-3 | MW162-4 | MW217-3 | MW272-2 | NFD04-1 | NWP07-1 | NW053-2 | NW108-5 |
| MKT58-4 | MP037-5 | MP092-3 | MP147-5 | MP202-2 | MP257-1 | MTW02-1 | MW053-1 | MW108-3 | MW163-1 | MW218-3 | MW273-5 | NFD05-1 | NWP08-3 | NW054-5 | NW109-5 |
| MKT59-4 | MP038-2 | MP093-2 | MP148-2 | MP203-3 | MP258-1 | MTW03-1 | MW054-1 | MW109-4 | MW164-4 | MW219-3 | MW274-4 | NFD06-1 | NWP09-3 | NW055-1 | NW110-1 |
| MKT60-2 | MP039-1 | MP094-2 | MP149-4 | MP204-4 | MP259-1 | MWR01-4 | MW055-1 | MW110-1 | MW165-2 | MW220-3 | MW275-1 | NFD07-1 | NW001-5 | NW056-4 | NW111-6 |
| MKT61-4 | MP040-5 | MP095-1 | MP150-4 | MP205-3 | MP260-2 | MW001-1 | MW056-2 | MW111-1 | MW166-1 | MW221-2 | MW276-2 | NIAJ1-1 | NW002-5 | NW057-4 | NW112-3 |
| MKT62-2 | MP041-2 | MP096-1 | MP151-5 | MP206-3 | MP261-3 | MW002-3 | MW057-2 | MW112-2 | MW167-1 | MW222-1 | MW277-3 | NJII1-1 | NW003-5 | NW058-1 | NW113-2 |
| MKT63-1 | MP042-5 | MP097-1 | MP152-6 | MP207-3 | MP262-1 | MW003-3 | MW058-2 | MW113-2 | MW168-1 | MW223-3 | MW278-2 | NLC01-1 | NW004-1 | NW059-1 | NW114-6 |
| MKT64-4 | MP043-5 | MP098-1 | MP153-1 | MP208-3 | MP263-1 | MW004-1 | MW059-4 | MW114-2 | MW169-2 | MW224-1 | MW279-2 | NLG01-1 | NW005-4 | NW060-1 | NW115-1 |
| MKT65-5 | MP044-1 | MP099-1 | MP154-1 | MP209-1 | MP264-2 | MW005-1 | MW060-2 | MW115-3 | MW170-2 | MW225-3 | MW280-2 | NN001-1 | NW006-4 | NW061-1 | NW116-6 |
| MKT66-1 | MP045-1 | MP100-4 | MP155-1 | MP210-2 | MP265-4 | MW006-5 | MW061-3 | MW116-4 | MW171-2 | MW226-1 | MW281-1 | NN002-1 | NW007-4 | NW062-5 | NW117-6 |
| MKT67-6 | MP046-1 | MP101-6 | MP156-1 | MP211-1 | MP266-3 | MW007-4 | MW062-2 | MW117-4 | MW172-2 | MW227-2 | MW282-5 | NN003-1 | NW008-1 | NW063-5 | NW118-4 |
| MKT68-5 | MP047-1 | MP102-6 | MP157-1 | MP212-1 | MP267-2 | MW008-1 | MW063-3 | MW118-4 | MW173-2 | MW228-1 | MW283-2 | NN004-1 | NW009-4 | NW064-4 | NW119-2 |
| MNJ01-1 | MP048-1 | MP103-6 | MP158-1 | MP213-1 | MP268-1 | MW009-4 | MW064-2 | MW119-1 | MW174-2 | MW229-1 | MW284-2 | NSL01-1 | NW010-4 | NW065-4 | NW120-4 |
| MNS01-1 | MP049-1 | MP104-2 | MP159-1 | MP214-2 | MP269-1 | MW010-4 | MW065-1 | MW120-2 | MW175-2 | MW230-1 | MW285-1 | NS001-1 | NW011-6 | NW066-4 | NW121-4 |
| MNS02-1 | MP050-2 | MP105-2 | MP160-1 | MP215-1 | MP270-5 | MW011-4 | MW066-1 | MW121-4 | MW176-2 | MW231-3 | MW286-2 | NS002-1 | NW012-5 | NW067-4 | NW122-4 |
| MNS03-1 | MP051-6 | MP106-1 | MP161-1 | MP216-1 | MP271-5 | MW012-4 | MW067-1 | MW122-4 | MW177-2 | MW232-2 | MW287-2 | NS003-1 | NW013-6 | NW068-1 | NW123-1 |
| MNS04-1 | MP052-6 | MP107-6 | MP162-1 | MP217-2 | MP272-6 | MW013-4 | MW068-1 | MW123-4 | MW178-2 | MW233-3 | MW288-2 | NS004-2 | NW014-5 | NW069-1 | NW124-6 |
| MNS05-1 | MP053-1 | MP108-3 | MP163-1 | MP218-2 | MP273-4 | MW014-3 | MW069-1 | MW124-4 | MW179-2 | MW234-1 | MW289-1 | NS005-2 | NW015-5 | NW070-1 | NW125-5 |
| MNS06-1 | MP054-5 | MP109-3 | MP164-1 | MP219-2 | MP274-3 | MW015-4 | MW070-5 | MW125-4 | MW180-2 | MW235-3 | MW290-2 | NS006-2 | NW016-1 | NW071-1 | NW126-5 |
| MPA01-1 | MP055-1 | MP110-3 | MP165-1 | MP220-2 | MP275-3 | MW016-1 | MW071-1 | MW126-4 | MW181-1 | MW236-3 | MW291-4 | NS007-2 | NW017-5 | NW072-2 | NW127-6 |
| MP002-1 | MP056-6 | MP111-5 | MP166-4 | MP221-3 | MP276-2 | MW017-1 | MW072-4 | MW127-4 | MW182-1 | MW237-3 | MW292-1 | NS008-2 | NW018-5 | NW073-3 | NW128-1 |
| MP001-2 | MP057-2 | MP112-6 | MP167-1 | MP222-2 | MP277-1 | MW018-1 | MW073-4 | MW128-1 | MW183-3 | MW238-1 | MW293-2 | NS009-2 | NW019-1 | NW074-3 | NW129-6 |

PRELIMINARY LINE IDENTIFICATION CODE WITH DENSITY CATEGORY

| | | | | | | | | | | | | | | | |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| NW130-3 | NW185-5 | NW240-1 | NW295-1 | NW350-6 | NW405-1 | PNW01-1 | P0017-1 | P0072-4 | P0127-6 | P0182-4 | P0237-6 | P0292-6 | P0347-1 | P0402-4 | P0457-4 |
| NW131-6 | NW186-2 | NW241-3 | NW296-6 | NW351-1 | NW406-2 | PPC01-1 | P0018-1 | P0073-1 | P0128-3 | P0183-6 | P0238-1 | P0293-6 | P0348-1 | P0403-2 | P0458-5 |
| NW132-5 | NW187-2 | NW242-2 | NW297-6 | NW352-6 | NW407-3 | PPC02-1 | P0019-2 | P0074-1 | P0129-3 | P0184-1 | P0239-6 | P0294-6 | P0349-1 | P0404-1 | P0459-4 |
| NW133-5 | NW188-2 | NW243-1 | NW298-1 | NW353-6 | NW408-3 | PPU01-1 | P0020-1 | P0075-1 | P0130-3 | P0185-1 | P0240-6 | P0295-1 | P0350-4 | P0405-1 | P0460-6 |
| NW134-1 | NW189-5 | NW244-2 | NW299-2 | NW354-6 | NW409-2 | PPU02-1 | P0021-6 | P0076-1 | P0131-3 | P0186-1 | P0241-6 | P0296-1 | P0351-4 | P0406-1 | P0461-2 |
| NW135-5 | NW190-5 | NW245-1 | NW300-2 | NW355-4 | NW410-5 | PRS01-1 | P0022-5 | P0077-1 | P0132-3 | P0187-5 | P0242-5 | P0297-1 | P0352-5 | P0407-1 | P0462-6 |
| NW136-5 | NW191-1 | NW246-2 | NW301-3 | NW356-4 | NW411-5 | PRS02-1 | P0023-5 | P0078-1 | P0133-2 | P0188-5 | P0243-1 | P0298-1 | P0353-1 | P0408-4 | P0463-6 |
| NW137-3 | NW192-3 | NW247-1 | NW302-2 | NW357-1 | NW412-5 | PRS03-1 | P0024-1 | P0079-2 | P0134-5 | P0189-5 | P0244-1 | P0299-6 | P0354-1 | P0409-5 | P0464-6 |
| NW138-3 | NW193-5 | NW248-1 | NW303-1 | NW358-6 | NW413-5 | PRS04-2 | P0025-1 | P0080-2 | P0135-1 | P0190-1 | P0245-6 | P0300-6 | P0355-6 | P0410-3 | P0465-2 |
| NW139-2 | NW194-3 | NW249-3 | NW304-2 | NW359-6 | NW414-5 | PRS05-2 | P0026-1 | P0081-2 | P0136-4 | P0191-1 | P0246-1 | P0301-6 | P0356-6 | P0411-1 | P0466-3 |
| NW140-2 | NW195-1 | NW250-1 | NW305-1 | NW360-2 | NW415-3 | PRS06-1 | P0027-1 | P0082-2 | P0137-6 | P0192-1 | P0247-4 | P0302-2 | P0357-4 | P0412-3 | P0467-5 |
| NW141-1 | NW196-1 | NW251-1 | NW306-5 | NW361-2 | NW416-1 | PRS07-4 | P0028-1 | P0083-1 | P0138-1 | P0193-6 | P0248-6 | P0303-1 | P0358-5 | P0413-3 | P0468-2 |
| NW142-1 | NW197-1 | NW252-2 | NW307-1 | NW362-1 | NYL81-1 | PRS08-1 | P0029-2 | P0084-2 | P0139-5 | P0194-6 | P0249-6 | P0304-1 | P0359-1 | P0414-5 | P0469-2 |
| NW143-2 | NW198-1 | NW253-2 | NW308-4 | NW363-4 | NYL82-1 | PRS09-2 | P0030-1 | P0085-3 | P0140-2 | P0195-1 | P0250-6 | P0305-6 | P0360-4 | P0415-2 | P0470-6 |
| NW144-6 | NW199-1 | NW254-2 | NW309-2 | NW364-6 | NYL83-1 | PRS10-4 | P0031-3 | P0086-2 | P0141-1 | P0196-1 | P0251-6 | P0306-1 | P0361-1 | P0416-1 | P0471-6 |
| NW145-6 | NW200-1 | NW255-2 | NW310-5 | NW365-6 | NYL84-1 | PRS11-2 | P0032-1 | P0087-3 | P0142-1 | P0197-2 | P0252-6 | P0307-1 | P0362-4 | P0417-5 | P0472-6 |
| NW146-2 | NW201-1 | NW256-3 | NW311-5 | NW366-2 | NYL85-1 | PRS12-4 | P0033-2 | P0088-3 | P0143-3 | P0198-2 | P0253-1 | P0308-1 | P0363-4 | P0418-1 | P0473-6 |
| NW147-5 | NW202-1 | NW257-2 | NW312-5 | NW367-3 | NYSW1-1 | PRS13-4 | P0034-1 | P0089-1 | P0144-2 | P0199-3 | P0254-6 | P0309-1 | P0364-1 | P0419-1 | P0474-2 |
| NW148-6 | NW203-1 | NW258-6 | NW313-2 | NW368-1 | NYSW2-1 | PRS14-1 | P0035-1 | P0090-3 | P0145-1 | P0200-3 | P0255-6 | P0310-6 | P0365-1 | P0420-2 | P0475-2 |
| NW149-6 | NW204-4 | NW259-6 | NW314-2 | NW369-2 | NYSW3-1 | PRS15-1 | P0036-2 | P0091-3 | P0146-2 | P0201-1 | P0256-3 | P0311-1 | P0366-6 | P0421-1 | P0476-2 |
| NW150-6 | NW205-3 | NW260-1 | NW315-2 | NW370-1 | NYSW4-1 | PRTD1-1 | P0037-3 | P0092-3 | P0147-2 | P0202-1 | P0257-2 | P0312-2 | P0367-6 | P0422-5 | P0477-1 |
| NW151-6 | NW206-2 | NW261-1 | NW316-2 | NW371-1 | NYSW5-1 | PRTD2-1 | P0038-1 | P0093-1 | P0148-2 | P0203-3 | P0258-3 | P0313-3 | P0368-4 | P0423-5 | P0478-1 |
| NW152-4 | NW207-3 | NW262-6 | NW317-2 | NW372-4 | NYSW6-1 | PRTD3-1 | P0039-1 | P0094-1 | P0149-4 | P0204-3 | P0259-2 | P0314-1 | P0369-4 | P0424-6 | P0479-1 |
| NW153-1 | NW208-3 | NW263-6 | NW318-2 | NW373-1 | OCE01-1 | PRTD4-1 | P0040-1 | P0095-1 | P0150-6 | P0205-2 | P0260-6 | P0315-1 | P0370-4 | P0425-6 | P0480-2 |
| NW154-6 | NW209-2 | NW264-4 | NW319-2 | NW374-1 | OCE02-1 | PRV01-1 | P0041-1 | P0096-1 | P0151-5 | P0206-2 | P0261-5 | P0316-1 | P0371-2 | P0426-1 | P0481-1 |
| NW155-6 | NW210-6 | NW265-4 | NW320-2 | NW375-2 | OE001-1 | PSR01-1 | P0042-6 | P0097-2 | P0152-2 | P0207-2 | P0262-6 | P0317-4 | P0372-4 | P0427-2 | P0482-4 |
| NW156-3 | NW211-2 | NW266-6 | NW321-5 | NW376-6 | OE002-1 | PSR02-1 | P0043-6 | P0098-1 | P0153-1 | P0208-1 | P0263-1 | P0318-3 | P0373-6 | P0428-1 | P0483-4 |
| NW157-6 | NW212-3 | NW267-6 | NW322-4 | NW377-2 | OE003-1 | PSR03-1 | P0044-2 | P0099-4 | P0154-3 | P0209-1 | P0264-5 | P0319-1 | P0374-2 | P0429-1 | P0484-4 |
| NW158-6 | NW213-3 | NW268-3 | NW323-5 | NW378-2 | OE004-1 | PS001-1 | P0045-1 | P0100-3 | P0155-6 | P0210-1 | P0265-5 | P0320-3 | P0375-3 | P0430-1 | P0485-4 |
| NW159-6 | NW214-3 | NW269-3 | NW324-3 | NW379-2 | OE005-1 | PS002-1 | P0046-1 | P0101-3 | P0156-2 | P0211-1 | P0266-1 | P0321-2 | P0376-6 | P0431-1 | P0486-4 |
| NW160-6 | NW215-6 | NW270-4 | NW325-3 | NW380-2 | OE006-1 | PS003-1 | P0047-1 | P0102-1 | P0157-6 | P0212-1 | P0267-1 | P0322-4 | P0377-1 | P0432-4 | P0487-4 |
| NW161-3 | NW216-3 | NW271-2 | NW326-3 | NW381-2 | OE007-1 | PTC01-1 | P0048-6 | P0103-1 | P0158-1 | P0213-1 | P0268-3 | P0323-1 | P0378-6 | P0433-3 | P0488-1 |
| NW162-6 | NW217-3 | NW272-6 | NW327-3 | NW382-2 | OE008-1 | PTM01-2 | P0049-5 | P0104-1 | P0159-6 | P0214-1 | P0269-1 | P0324-4 | P0379-5 | P0434-1 | P0489-4 |
| NW163-4 | NW218-3 | NW273-6 | NW328-4 | NW383-2 | OE009-1 | PTM02-4 | P0050-5 | P0105-1 | P0160-1 | P0215-1 | P0270-6 | P0325-1 | P0380-6 | P0435-3 | P0490-2 |
| NW164-6 | NW219-3 | NW274-6 | NW329-4 | NW384-2 | OPE01-1 | PTM03-1 | P0051-6 | P0106-1 | P0161-2 | P0216-1 | P0271-6 | P0326-1 | P0381-6 | P0436-2 | P0491-2 |
| NW165-1 | NW220-3 | NW275-6 | NW330-3 | NW385-6 | OT001-1 | PVS01-1 | P0052-5 | P0107-1 | P0162-1 | P0217-2 | P0272-6 | P0327-1 | P0382-6 | P0437-2 | P0492-6 |
| NW166-1 | NW221-3 | NW276-6 | NW331-3 | NW386-6 | PBVR1-1 | PW001-1 | P0053-5 | P0108-1 | P0163-1 | P0218-2 | P0273-2 | P0328-1 | P0383-1 | P0438-1 | P0493-1 |
| NW167-1 | NW222-1 | NW277-6 | NW332-4 | NW387-3 | PCN01-1 | PW002-1 | P0054-4 | P0109-6 | P0164-1 | P0219-2 | P0274-1 | P0329-1 | P0384-1 | P0439-6 | P0494-3 |
| NW168-1 | NW223-3 | NW278-4 | NW333-3 | NW388-2 | PCY01-1 | PW003-1 | P0055-1 | P0110-2 | P0165-1 | P0220-1 | P0275-6 | P0330-2 | P0385-1 | P0440-1 | P0495-1 |
| NW169-1 | NW224-3 | NW279-6 | NW334-5 | NW389-5 | PHD01-1 | P0001-1 | P0056-4 | P0111-1 | P0166-6 | P0221-2 | P0276-3 | P0331-2 | P0386-1 | P0441-4 | P0496-6 |
| NW170-6 | NW225-6 | NW280-2 | NW335-4 | NW390-4 | PICK1-1 | P0002-1 | P0057-1 | P0112-5 | P0167-6 | P0222-6 | P0277-2 | P0332-5 | P0387-1 | P0442-4 | P0497-1 |
| NW171-6 | NW226-4 | NW281-4 | NW336-6 | NW391-4 | PI001-2 | P0003-1 | P0058-4 | P0113-5 | P0168-2 | P0223-5 | P0278-5 | P0333-2 | P0388-6 | P0443-4 | P0498-1 |
| NW172-6 | NW227-4 | NW282-4 | NW337-5 | NW392-5 | PI002-1 | P0004-1 | P0059-1 | P0114-5 | P0169-4 | P0224-4 | P0279-1 | P0334-1 | P0389-6 | P0444-4 | P0499-3 |
| NW173-1 | NW228-3 | NW283-1 | NW338-2 | NW393-6 | PI003-2 | P0005-2 | P0060-2 | P0115-6 | P0170-1 | P0225-1 | P0280-5 | P0335-1 | P0390-1 | P0445-1 | P0500-3 |
| NW174-1 | NW229-3 | NW284-2 | NW339-1 | NW394-1 | PLE01-1 | P0006-1 | P0061-1 | P0116-2 | P0171-4 | P0226-1 | P0281-6 | P0336-6 | P0391-6 | P0446-4 | P0501-3 |
| NW175-6 | NW230-4 | NW285-4 | NW340-4 | NW395-6 | PLE02-6 | P0007-4 | P0062-1 | P0117-2 | P0172-1 | P0227-1 | P0282-1 | P0337-1 | P0392-4 | P0447-3 | P0502-3 |
| NW176-1 | NW231-1 | NW286-1 | NW341-5 | NW396-6 | PLE03-6 | P0008-2 | P0063-5 | P0118-6 | P0173-4 | P0228-5 | P0283-6 | P0338-1 | P0393-1 | P0448-4 | P0503-3 |
| NW177-6 | NW232-1 | NW287-1 | NW342-2 | NW397-6 | PLE04-6 | P0009-1 | P0064-4 | P0119-2 | P0174-4 | P0229-1 | P0284-1 | P0339-6 | P0394-6 | P0449-1 | P0504-1 |
| NW178-6 | NW233-1 | NW288-2 | NW343-3 | NW398-6 | PLE05-6 | P0010-1 | P0065-1 | P0120-5 | P0175-3 | P0230-6 | P0285-3 | P0340-6 | P0395-6 | P0450-5 | P0505-2 |
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| NW180-1 | NW235-5 | NW290-4 | NW345-5 | NW400-5 | PLE07-4 | P0012-3 | P0067-4 | P0122-1 | P0177-3 | P0232-6 | P0287-3 | P0342-1 | P0397-1 | P0452-2 | P0507-6 |
| NW181-1 | NW236-5 | NW291-2 | NW346-4 | NW401-3 | PLE08-4 | P0013-1 | P0068-6 | P0123-6 | P0178-3 | P0233-1 | P0288-2 | P0343-2 | P0398-2 | P0453-2 | P0508-6 |
| NW182-3 | NW237-5 | NW292-6 | NW347-4 | NW402-5 | PLE09-6 | P0014-1 | P0069-4 | P0124-5 | P0179-5 | P0234-6 | P0289-2 | P0344-2 | P0399-3 | P0454-3 | P0509-1 |
| NW183-3 | NW238-4 | NW293-6 | NW348-4 | NW403-4 | PLE10-6 | P0015-1 | P0070-2 | P0125-1 | P0180-6 | P0235-4 | P0290-3 | P0345-2 | P0400-3 | P0455-1 | P0510-1 |
| NW184-1 | NW239-4 | NW294-4 | NW349-6 | NW404-3 | PLE11-6 | P0016-1 | P0071-1 | P0126-6 | P0181-6 | P0236-6 | P0291-6 | P0346-4 | P0401-4 | P0456-1 | P0511-3 |

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| P0549-1 | P0604-1 | P0659-1 | P0714-1 | P0769-1 | P0824-6 | P0879-3 | P0934-1 | P0989-3 | RDG18-2 | RDG73-1 | RI049-1 | RI104-1 | RI159-5 | RI214-4 | SF033-2 |
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| P0553-1 | P0608-6 | P0663-4 | P0718-2 | P0773-1 | P0828-1 | P0883-1 | P0938-2 | P0993-3 | RDG22-5 | RFP02-6 | RI053-1 | RI108-3 | RI163-2 | RI218-4 | SF037-1 |
| P0554-3 | P0609-1 | P0664-2 | P0719-6 | P0774-1 | P0829-1 | P0884-6 | P0939-4 | P0994-4 | RDG23-1 | RFP03-6 | RI054-1 | RI109-3 | RI164-2 | RI219-2 | SF038-1 |
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| P0556-1 | P0611-6 | P0666-6 | P0721-2 | P0776-1 | P0831-6 | P0886-1 | P0941-1 | P0996-3 | RDG25-1 | RI001-1 | RI056-3 | RI111-3 | RI166-3 | RMCX1-1 | SF040-1 |
| P0557-1 | P0612-6 | P0667-1 | P0722-5 | P0777-1 | P0832-6 | P0887-6 | P0942-1 | P0997-3 | RDG26-1 | RI002-5 | RI057-3 | RI112-3 | RI167-1 | RMCX2-1 | SF041-6 |
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| P0560-1 | P0615-6 | P0670-6 | P0725-1 | P0780-4 | P0835-1 | P0890-5 | P0945-1 | P1000-3 | RDG29-1 | RI005-5 | RI060-3 | RI115-1 | RI170-3 | RR001-1 | SF044-1 |
| P0561-1 | P0616-6 | P0671-5 | P0726-1 | P0781-1 | P0836-1 | P0891-1 | P0946-3 | P1001-3 | RDG30-1 | RI006-5 | RI061-1 | RI116-4 | RI171-3 | RSP01-1 | SF045-2 |
| P0562-1 | P0617-4 | P0672-4 | P0727-1 | P0782-2 | P0837-1 | P0892-1 | P0947-6 | P1002-6 | RDG31-6 | RI007-5 | RI062-4 | RI117-1 | RI172-1 | RSS01-1 | SF046-1 |
| P0563-1 | P0618-4 | P0673-1 | P0728-3 | P0783-4 | P0838-1 | P0893-1 | P0948-1 | P1003-2 | RDG32-6 | RI008-1 | RI063-1 | RI118-1 | RI173-2 | RV001-1 | SF047-1 |
| P0564-2 | P0619-1 | P0674-1 | P0729-5 | P0784-4 | P0839-3 | P0894-2 | P0949-1 | P1004-2 | RDG33-5 | RI009-1 | RI064-1 | RI119-1 | RI174-1 | SAN01-1 | SF048-3 |
| P0565-2 | P0620-6 | P0675-5 | P0730-5 | P0785-6 | P0840-1 | P0895-2 | P0950-1 | P1005-3 | RDG34-5 | RI010-5 | RI065-1 | RI120-1 | RI175-2 | SCM01-2 | SF049-1 |
| P0566-2 | P0621-4 | P0676-6 | P0731-3 | P0786-3 | P0841-4 | P0896-3 | P0951-1 | P1006-3 | RDG35-5 | RI011-1 | RI066-3 | RI121-1 | RI176-2 | SDAE1-1 | SF050-2 |

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| SF051-6 | SF106-1 | SF161-4 | SF216-6 | SF271-5 | SF326-2 | SF381-1 | SL032-2 | SL087-1 | SL142-3 | SN009-1 | SP052-2 | SP107-2 | SP162-5 | SP217-2 | SP272-5 |
| SF052-6 | SF107-6 | SF162-5 | SF217-6 | SF272-6 | SF327-2 | SF382-1 | SL033-2 | SL088-3 | SL143-3 | SN010-1 | SP053-1 | SP108-2 | SP163-5 | SP218-6 | SP273-4 |
| SF053-6 | SF108-6 | SF163-4 | SF218-6 | SF273-6 | SF328-2 | SF383-1 | SL034-1 | SL089-2 | SL144-2 | SN011-1 | SP054-6 | SP109-1 | SP164-4 | SP219-2 | SP274-1 |
| SF054-2 | SF109-6 | SF164-5 | SF219-4 | SF274-8 | SF329-2 | SF384-5 | SL035-1 | SL090-1 | SL145-4 | SN012-1 | SP055-4 | SP110-6 | SP165-4 | SP220-2 | SP275-1 |
| SF055-2 | SF110-6 | SF165-1 | SF220-1 | SF275-4 | SF330-1 | SF385-5 | SL036-1 | SL091-5 | SL146-1 | SP001-1 | SP056-6 | SP111-6 | SP166-5 | SP221-3 | SP276-4 |
| SF056-2 | SF111-6 | SF166-5 | SF221-3 | SF276-2 | SF331-1 | SF386-5 | SL037-2 | SL092-5 | SL147-5 | SP002-1 | SP057-1 | SP112-6 | SP167-1 | SP222-6 | SP277-5 |
| SF057-6 | SF112-3 | SF167-2 | SF222-5 | SF277-2 | SF332-2 | SHX01-1 | SL038-1 | SL093-5 | SL148-5 | SP003-1 | SP058-1 | SP113-2 | SP168-5 | SP223-6 | SP278-1 |
| SF058-3 | SF113-3 | SF168-5 | SF223-1 | SF278-2 | SF333-1 | SIND1-1 | SL039-4 | SL094-5 | SL149-5 | SP004-2 | SP059-1 | SP114-2 | SP169-6 | SP224-6 | SP279-5 |
| SF059-6 | SF114-1 | SF169-6 | SF224-4 | SF279-1 | SF334-2 | SIRC1-1 | SL040-4 | SL095-5 | SL150-4 | SP005-1 | SP060-6 | SP115-1 | SP170-1 | SP225-6 | SP280-2 |
| SF060-3 | SF115-6 | SF170-6 | SF225-2 | SF280-1 | SF335-1 | SIRC2-1 | SL041-4 | SL096-3 | SL151-1 | SP006-1 | SP061-1 | SP116-2 | SP171-1 | SP226-1 | SP281-3 |
| SF061-4 | SF116-1 | SF171-3 | SF226-4 | SF281-2 | SF336-6 | SIRC3-1 | SL042-4 | SL097-3 | SL152-2 | SP007-5 | SP062-5 | SP117-1 | SP172-1 | SP227-6 | SP282-5 |
| SF062-1 | SF117-3 | SF172-6 | SF227-6 | SF282-3 | SF337-3 | SIRC4-1 | SL043-2 | SL098-1 | SL153-2 | SP008-5 | SP063-5 | SP118-2 | SP173-1 | SP228-6 | SP283-4 |
| SF063-6 | SF118-1 | SF173-3 | SF228-2 | SF283-5 | SF338-2 | SIRC5-1 | SL044-2 | SL099-1 | SL154-2 | SP009-1 | SP064-4 | SP119-1 | SP174-1 | SP229-1 | SP284-4 |
| SF064-6 | SF119-1 | SF174-2 | SF229-1 | SF284-1 | SF339-6 | SI001-1 | SL045-4 | SL100-1 | SL155-2 | SP010-5 | SP065-4 | SP120-1 | SP175-2 | SP230-4 | SP285-4 |
| SF065-6 | SF120-3 | SF175-6 | SF230-4 | SF285-3 | SF340-1 | SI002-1 | SL046-1 | SL101-1 | SL156-2 | SP011-5 | SP066-1 | SP121-1 | SP176-1 | SP231-4 | SP286-4 |
| SF066-1 | SF121-3 | SF176-6 | SF231-4 | SF286-5 | SF341-1 | SI003-1 | SL047-4 | SL102-5 | SL157-2 | SP012-5 | SP067-1 | SP122-1 | SP177-1 | SP232-1 | SP287-6 |
| SF067-1 | SF122-3 | SF177-2 | SF232-4 | SF287-5 | SF342-1 | SI004-1 | SL048-4 | SL103-5 | SL158-4 | SP013-1 | SP068-4 | SP123-1 | SP178-2 | SP233-4 | SP288-6 |
| SF068-1 | SF123-6 | SF178-2 | SF233-4 | SF288-4 | SF343-6 | SI005-1 | SL049-1 | SL104-5 | SL159-2 | SP014-1 | SP069-1 | SP124-6 | SP179-6 | SP234-1 | SP289-5 |
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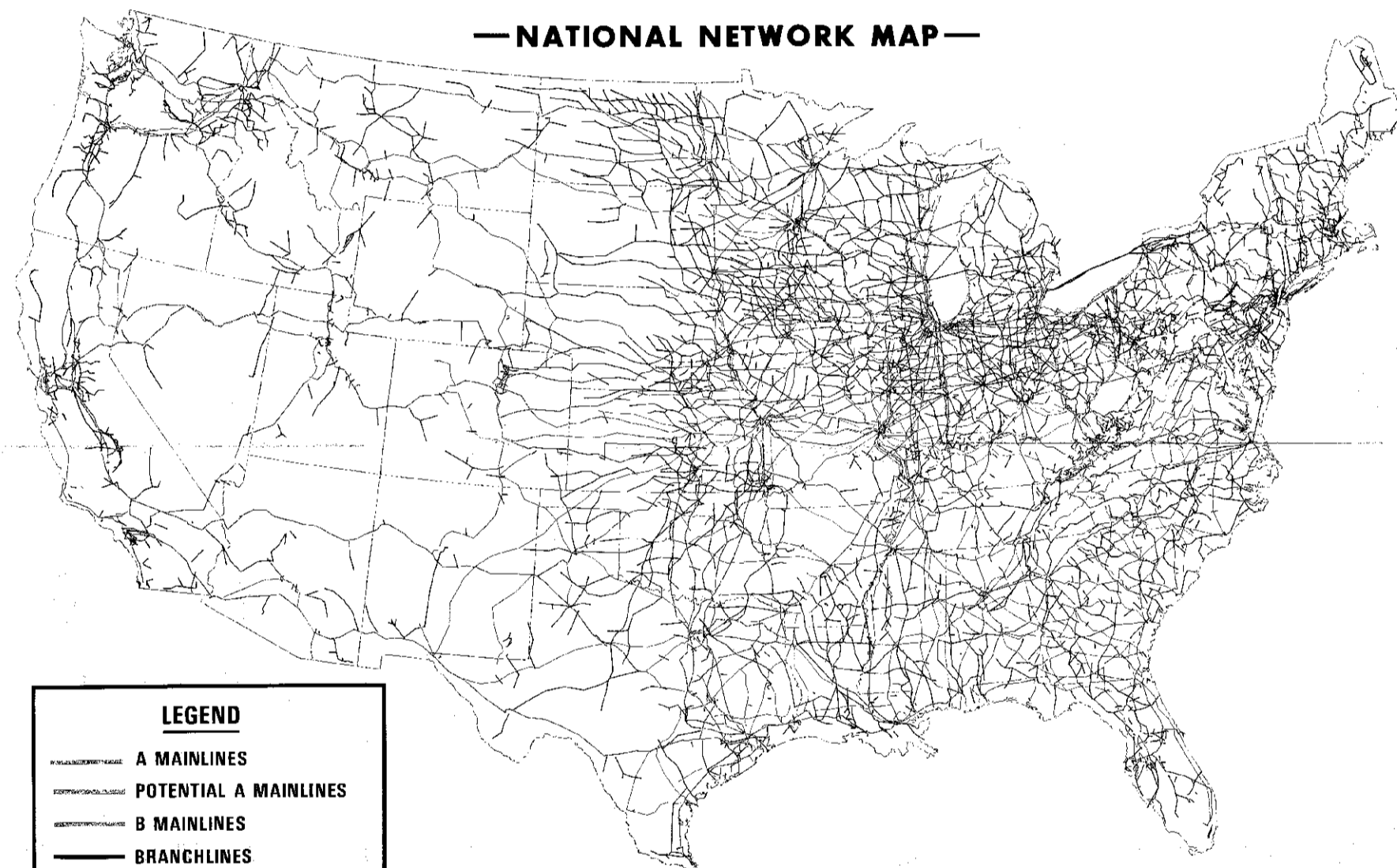
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| SSW22-6 | SX028-2 | SX083-1 | SZ010-6 | SZ065-1 | SZ120-1 | SZ175-4 | SZ230-1 | SZ285-1 | SZ340-4 | SZ395-1 | S0019-2 | S0074-2 | S0129-5 | S0184-2 | S0239-3 |
| SSW23-3 | SX029-2 | SX084-1 | SZ011-2 | SZ066-1 | SZ121-1 | SZ176-2 | SZ231-2 | SZ286-2 | SZ341-2 | SZ396-2 | S0020-3 | S0075-1 | S0130-1 | S0185-2 | S0240-2 |
| SSW24-3 | SX030-2 | SX085-2 | SZ012-6 | SZ067-2 | SZ122-4 | SZ177-1 | SZ232-4 | SZ287-1 | SZ342-2 | SZ397-1 | S0021-2 | S0076-2 | S0131-6 | S0186-3 | S0241-5 |
| SSW25-5 | SX031-1 | SX086-2 | SZ013-4 | SZ068-2 | SZ123-5 | SZ178-3 | SZ233-4 | SZ288-1 | SZ343-4 | SZ398-3 | S0022-2 | S0077-2 | S0132-6 | S0187-3 | S0242-2 |
| SSW26-5 | SX032-4 | SX087-2 | SZ014-4 | SZ069-4 | SZ124-5 | SZ179-3 | SZ234-2 | SZ289-4 | SZ344-4 | SZ399-2 | S0023-5 | S0078-3 | S0133-6 | S0188-2 | S0243-1 |

PRELIMINARY LINE IDENTIFICATION CODE WITH DENSITY CATEGORY

| | | | | | | | | | | | | | | | |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| S0244-5 | S0299-3 | S0354-5 | TP004-1 | UP003-6 | UP058-3 | UP113-4 | UP168-1 | UP223-6 | USG04-1 | WM004-4 | WP012-3 | XX021-1 | XX076-5 | XX131-4 | ZZZ05-6 |
| S0245-5 | S0300-3 | S0355-2 | TP005-1 | UP004-2 | UP059-3 | UP114-2 | UP169-1 | UP224-3 | USG05-1 | WM005-4 | WP013-1 | XX022-1 | XX077-1 | XX132-3 | ZZZ06-1 |
| S0246-5 | S0301-3 | S0356-4 | TP006-1 | UP005-2 | UP060-5 | UP115-2 | UP170-1 | UP225-6 | USG06-1 | WM006-4 | WP014-3 | XX023-1 | XX078-1 | XX133-2 | |
| S0247-3 | S0302-3 | S0357-5 | TP007-1 | UP006-1 | UP061-2 | UP116-2 | UP171-1 | UP226-3 | USG07-1 | WM007-4 | WP015-6 | XX024-1 | XX079-2 | XX134-1 | |
| S0248-4 | S0303-2 | S0358-5 | TP008-5 | UP007-6 | UP062-1 | UP117-1 | UP172-6 | UP227-1 | USG08-1 | WM008-2 | WP016-6 | XX025-1 | XX080-5 | XX135-4 | |
| S0249-3 | S0304-3 | S0359-3 | TP009-1 | UP008-1 | UP063-1 | UP118-4 | UP173-6 | UP228-1 | USG09-1 | WM009-2 | WP017-6 | XX026-1 | XX081-2 | XX136-6 | |
| S0250-3 | S0305-3 | S0360-5 | TP010-1 | UP009-6 | UP064-4 | UP119-3 | UP174-5 | UP229-1 | USG10-1 | WM010-4 | WP018-4 | XX027-1 | XX082-3 | XX137-2 | |
| S0251-2 | S0306-4 | S0361-5 | TP011-1 | UP010-6 | UP065-2 | UP120-2 | UP175-6 | UP230-3 | USG11-1 | WM011-1 | WP019-5 | XX028-1 | XX083-6 | XX138-3 | |
| S0252-2 | S0307-2 | S0362-5 | TP012-1 | UP011-6 | UP066-2 | UP121-1 | UP176-4 | UP231-3 | USG12-1 | WM012-1 | WP020-6 | XX029-4 | XX084-6 | XX139-1 | |
| S0253-1 | S0308-3 | S0363-5 | TP013-4 | UP012-3 | UP067-1 | UP122-1 | UP177-1 | UP232-6 | USG13-1 | WM013-4 | WP021-5 | XX030-1 | XX085-2 | XX140-1 | |
| S0254-5 | S0309-3 | S0364-2 | TP014-1 | UP013-1 | UP068-2 | UP123-2 | UP178-2 | UP233-6 | USG14-1 | WM014-5 | WP022-4 | XX031-4 | XX086-1 | XX141-3 | |
| S0255-5 | S0310-5 | S0365-5 | TP015-4 | UP014-2 | UP069-1 | UP124-5 | UP179-6 | UP234-6 | USG15-1 | WM015-4 | WP023-1 | XX032-3 | XX087-1 | XX142-1 | |
| S0256-5 | S0311-3 | S0366-5 | TP016-6 | UP015-2 | UP070-2 | UP125-5 | UP180-6 | UP235-2 | USG16-1 | WM016-2 | WP024-6 | XX033-4 | XX088-2 | XX143-1 | |
| S0257-5 | S0312-5 | S0367-2 | TP017-6 | UP016-1 | UP071-2 | UP126-1 | UP181-6 | UP236-2 | USG17-1 | WM017-2 | WP025-4 | XX034-2 | XX089-1 | XX144-1 | |
| S0258-4 | S0313-3 | S0368-5 | TP018-4 | UP017-2 | UP072-2 | UP127-2 | UP182-5 | UP237-1 | USG18-1 | WM018-1 | WP026-4 | XX035-5 | XX090-4 | XX145-1 | |
| S0259-4 | S0314-2 | S0369-2 | TP019-6 | UP018-2 | UP073-2 | UP128-3 | UP183-1 | UP238-3 | USG19-1 | WM019-1 | WP027-4 | XX036-1 | XX091-2 | XX146-1 | |
| S0260-4 | S0315-2 | TAS01-1 | TP020-5 | UP019-6 | UP074-6 | UP129-4 | UP184-4 | UP239-6 | USG20-1 | WM020-2 | WP028-1 | XX037-1 | XX092-1 | XX147-1 | |
| S0261-4 | S0316-2 | TAS02-3 | TP021-1 | UP020-6 | UP075-2 | UP130-1 | UP185-5 | UP240-1 | USG21-1 | WM021-2 | WP029-2 | XX038-1 | XX093-2 | XX148-2 | |
| S0262-2 | S0317-5 | TAS03-1 | TP022-1 | UP021-1 | UP076-2 | UP131-2 | UP186-2 | UP241-2 | USG22-1 | WM022-1 | WP030-3 | XX039-1 | XX094-4 | XX149-1 | |
| S0263-4 | S0318-5 | TAW01-1 | TP023-5 | UP022-2 | UP077-1 | UP132-2 | UP187-1 | UP242-6 | USG23-1 | WM023-1 | WP031-3 | XX040-1 | XX095-1 | XX150-3 | |
| S0264-5 | S0319-2 | TCG01-1 | TP024-1 | UP023-1 | UP078-6 | UP133-4 | UP188-1 | UP243-2 | USG24-1 | WM024-4 | WP032-3 | XX041-4 | XX096-2 | XX151-1 | |
| S0265-2 | S0320-2 | TEXC1-1 | TP025-4 | UP024-1 | UP079-6 | UP134-2 | UP189-5 | UP244-6 | USG25-1 | WM025-1 | WP033-4 | XX042-3 | XX097-1 | XX152-1 | |
| S0266-5 | S0321-6 | TM001-1 | TP026-4 | UP025-1 | UP080-1 | UP135-1 | UP190-5 | UP245-2 | USG26-1 | WM026-3 | WP034-4 | XX043-3 | XX098-5 | XX153-1 | |
| S0267-4 | S0322-6 | TM002-2 | TP027-4 | UP026-1 | UP081-2 | UP136-4 | UP191-1 | UP246-6 | USG27-1 | WM027-3 | WSR01-1 | XX044-3 | XX099-2 | XX154-3 | |
| S0268-4 | S0323-6 | TM003-2 | TP028-1 | UP027-1 | UP082-6 | UP137-1 | UP192-5 | UP247-6 | UTAH1-4 | WM028-3 | WSS01-3 | XX045-1 | XX100-1 | XX155-1 | |
| S0269-5 | S0324-5 | TM004-4 | TP029-3 | UP028-1 | UP083-2 | UP138-3 | UP193-5 | UP248-6 | UTAH2-1 | WM029-3 | WSS02-3 | XX046-1 | XX101-1 | XX156-2 | |
| S0270-5 | S0325-6 | TM005-1 | TP030-3 | UP029-6 | UP084-2 | UP139-1 | UP194-1 | UP249-1 | VBR01-1 | WM030-3 | WSS03-3 | XX047-4 | XX102-3 | XX157-2 | |
| S0271-4 | S0326-3 | TNM01-2 | TP031-3 | UP030-6 | UP085-1 | UP140-1 | UP195-4 | UP250-1 | VCY01-1 | WM031-3 | WSS04-3 | XX048-4 | XX103-2 | XX158-2 | |
| S0272-4 | S0327-2 | TN001-1 | TP032-3 | UP031-6 | UP086-1 | UP141-2 | UP196-6 | UP251-6 | VGY02-1 | WM032-1 | WSS05-3 | XX049-1 | XX104-4 | XX159-4 | |
| S0273-4 | S0328-4 | TPMP1-1 | TP033-5 | UP032-4 | UP087-1 | UP142-1 | UP197-6 | UP252-2 | VE001-1 | WM033-1 | WSS06-3 | XX050-3 | XX105-2 | XX160-2 | |
| S0274-4 | S0329-2 | TPMP2-4 | TP034-4 | UP033-2 | UP088-6 | UP143-1 | UP198-1 | UP253-6 | VE002-1 | WM034-2 | WSYP1-1 | XX051-3 | XX106-2 | XX161-1 | |
| S0275-3 | S0330-4 | TPT01-1 | TP035-3 | UP034-4 | UP089-6 | UP144-1 | UP199-1 | UP254-3 | VE003-1 | WM035-3 | WSS01-1 | XX052-1 | XX107-1 | XX162-1 | |
| S0276-5 | S0331-2 | TPW01-1 | TP036-1 | UP035-4 | UP090-6 | UP145-1 | UP200-1 | UP255-3 | VE004-1 | WM036-3 | WVN01-1 | XX053-6 | XX108-1 | XX163-4 | |
| S0277-5 | S0332-4 | TPW02-2 | TP037-4 | UP036-4 | UP091-6 | UP146-2 | UP201-6 | UP256-6 | VSX01-1 | WM037-3 | WVV01-1 | XX054-3 | XX109-1 | XX164-4 | |
| S0278-2 | S0333-3 | TPW03-2 | TP038-1 | UP037-3 | UP092-6 | UP147-2 | UP202-5 | UP257-2 | VS001-1 | WM038-2 | WV001-1 | XX055-4 | XX110-3 | XX165-3 | |
| S0279-6 | S0334-6 | TPW04-2 | TP039-1 | UP038-2 | UP093-1 | UP148-2 | UP203-3 | UP258-2 | VTR01-1 | WM039-6 | XX001-4 | XX056-1 | XX111-1 | XX166-2 | |
| S0280-5 | S0335-3 | TPW05-2 | TP040-5 | UP039-1 | UP094-1 | UP149-2 | UP204-6 | UP259-3 | VTR02-1 | WM040-2 | XX002-1 | XX057-2 | XX112-3 | XX167-3 | |
| S0281-5 | S0336-4 | TPW06-2 | TP041-5 | UP040-1 | UP095-2 | UP150-3 | UP205-6 | UP260-3 | VTR03-1 | WNFR1-1 | XX003-2 | XX058-1 | XX113-1 | XX168-1 | |
| S0282-5 | S0337-4 | TPW07-3 | TP042-4 | UP041-2 | UP096-1 | UP151-2 | UP206-1 | UP261-5 | VTR04-1 | WNF01-1 | XX004-2 | XX059-6 | XX114-2 | XX169-1 | |
| S0283-2 | S0338-3 | TPW08-4 | TP043-5 | UP042-2 | UP097-1 | UP152-2 | UP207-4 | UP262-6 | WATR1-1 | W0FA1-1 | XX005-1 | XX060-1 | XX115-1 | XX170-1 | |
| S0284-6 | S0339-2 | TPW09-3 | TP044-5 | UP043-1 | UP098-6 | UP153-2 | UP208-4 | UP263-6 | WAW01-1 | W0FA2-1 | XX006-2 | XX061-1 | XX116-1 | YAN01-1 | |
| S0285-6 | S0340-3 | TPW10-3 | TP045-1 | UP044-2 | UP099-6 | UP154-2 | UP209-1 | UP264-2 | WBC01-1 | W0FA3-1 | XX007-1 | XX062-1 | XX117-1 | YD001-1 | |
| S0286-6 | S0341-3 | TPW11-3 | TP046-4 | UP045-1 | UP100-6 | UP155-1 | UP210-3 | UP265-1 | WEYR1-1 | W0FA4-1 | XX008-2 | XX063-2 | XX118-1 | YD002-1 | |
| S0287-6 | S0342-2 | TPW12-3 | TRC01-1 | UP046-2 | UP101-6 | UP156-2 | UP211-1 | UP266-1 | WEYR2-1 | W0V01-1 | XX009-1 | XX064-4 | XX119-6 | YN001-1 | |
| S0288-6 | S0343-3 | TPW13-3 | TRRA1-1 | UP047-1 | UP102-6 | UP157-1 | UP212-1 | UP267-2 | WEYR3-1 | WP001-1 | XX010-2 | XX065-1 | XX120-2 | YS001-1 | |
| S0289-5 | S0344-3 | TPW14-4 | TRRA2-1 | UP048-1 | UP103-1 | UP158-2 | UP213-2 | UP268-2 | WIM01-1 | WP002-1 | XX011-1 | XX066-2 | XX121-1 | YS002-1 | |
| S0290-2 | S0345-2 | TPW15-3 | TSE01-1 | UP049-1 | UP104-6 | UP159-2 | UP214-6 | UP269-2 | WLFBI-1 | WP003-4 | XX012-3 | XX067-4 | XX122-4 | YS003-1 | |
| S0291-2 | S0346-2 | TPW16-3 | TSU01-1 | UP050-1 | UP105-1 | UP160-1 | UP215-6 | UP270-4 | WLX01-1 | WP004-4 | XX013-3 | XX068-1 | XX123-2 | YS004-1 | |
| S0292-2 | S0347-3 | TPW17-2 | TS001-1 | UP051-1 | UP106-1 | UP161-1 | UP216-2 | UP271-4 | WLX02-1 | WP005-4 | XX014-1 | XX069-2 | XX124-2 | YVT01-1 | |
| S0293-5 | S0348-1 | TPW18-2 | TS002-1 | UP052-6 | UP107-4 | UP162-5 | UP217-1 | UP272-1 | WLX03-1 | WP006-1 | XX015-1 | XX070-5 | XX125-2 | YVT02-1 | |
| S0294-5 | S0349-1 | TPW19-3 | TS003-1 | UP053-2 | UP108-2 | UP163-5 | UP218-6 | UP273-2 | WLX04-1 | WP007-1 | XX016-1 | XX071-1 | XX126-2 | YW001-1 | |
| S0295-3 | S0350-2 | TPW20-3 | TS004-1 | UP054-6 | UP109-2 | UP164-5 | UP219-6 | URR01-1 | WMW01-1 | WP008-4 | XX017-2 | XX072-2 | XX127-1 | ZZZ01-6 | |
| S0296-6 | S0351-4 | TP001-1 | TXRC1-1 | UP055-6 | UP110-4 | UP165-5 | UP220-2 | USG01-1 | WMW01-2 | WP009-4 | XX018-6 | XX073-1 | XX128-4 | ZZZ02-6 | |
| S0297-2 | S0352-5 | TP002-1 | UP001-6 | UP056-1 | UP111-1 | UP166-2 | UP221-6 | USG02-1 | WM002-5 | WP010-3 | XX019-5 | XX074-1 | XX129-1 | ZZZ03-5 | |
| S0298-2 | S0353-3 | TP003-1 | UP002-1 | UP057-5 | UP112-5 | UP167-1 | UP222-6 | USG03-1 | WM003-1 | WP011-4 | XX020-4 | XX075-1 | XX130-1 | ZZZ04-1 | |

**PRELIMINARY MAINLINE AND BRANCHLINE
DESIGNATIONS FOR CLASS I RAILROADS**

— NATIONAL NETWORK MAP —



LEGEND

- A MAINLINES
- - - POTENTIAL A MAINLINES
- B MAINLINES
- BRANCHLINES

*NOTE: FOR SPECIFIC BRANCHLINE CATEGORY DESIGNATIONS SEE STATE MAPS

SUBMITTED AS PART OF PRELIMINARY STANDARDS, CLASSIFICATION, AND DESIGNATION OF LINES OF CLASS I RAILROADS IN THE UNITED STATES. A REPORT BY THE SECRETARY OF TRANSPORTATION, AUGUST 3, 1976, IN ACCORDANCE WITH SECTION 503(b) OF THE RAILROAD REVITALIZATION AND REGULATORY REFORM ACT OF 1976 (P.L. 94-210). U.S. DEPARTMENT OF TRANSPORTATION
DATA SOURCE: FRA NETWORK PLANNING INFORMATION SYSTEM

PRELIMINARY MAINLINE AND BRANCHLINE DESIGNATIONS FOR CLASS I RAILROADS — STRUCTURE CHART —



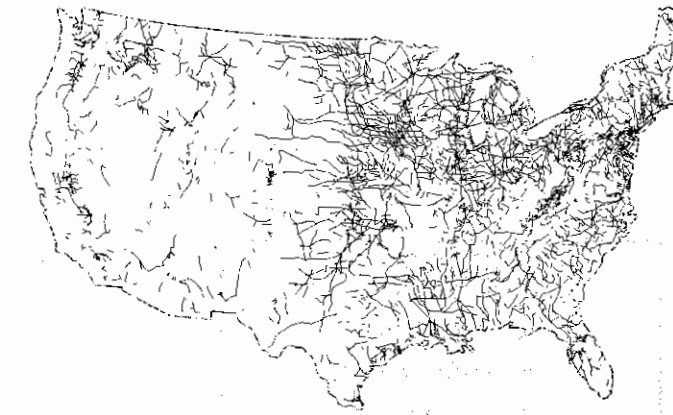
A. MAINLINES
THE DESIGNATION IS BASED UPON THREE STANDARDS AND A LINE THAT MEETS ANY ONE OF THE STANDARDS QUALIFIES AS A MAINLINE UNLESS IT IS IN A CORRIDOR OF EXCESS CAPACITY. A LINE WILL QUALIFY AS A MAINLINE IF IT HAS A TRAFFIC DENSITY OF 20 MILLION OR MORE GROSS TONS ANNUALLY, SECONDLY, A LINE WILL QUALIFY AS A MAINLINE IF IT HAS FREQUENT PASSENGER TRAIN FREQUENCY OF THREE OR MORE DAILY OPERATIONS IN EACH DIRECTION. WHERE A LINE DOES NOT QUALIFY AS A MAINLINE RESULTING FROM THE TRAFFIC DENSITY OR PASSENGER TRAIN STANDARDS YET IS REQUIRED TO SERVE A MARKET GENERATING MORE THAN 75,000 CARRIERS ANNUALLY, IT IS DESIGNATED AS A MAINLINE BECAUSE IT PROVIDES MAJOR MARKET CONNECTIVITY. TOTAL A MAINLINE ROUTE MILEAGE: 33,000 MILES.



POTENTIAL MAINLINES
THIS CATEGORY IS PROVIDED FOR ALL THROUGH ROUTES LOCATED IN A CORRIDOR OF EXCESS CAPACITY. A CORRIDOR OF EXCESS CAPACITY IS DEFINED AS ONE IN WHICH THREE OR MORE PARALLEL THROUGH-ROUTES, OPERATED BY THREE OR MORE CARRIERS, SERVE THE CORRIDOR AND THE PRACTICAL THROUGH-ROUTE CAPACITY OF THE CORRIDOR TO EXCEEDS THE ACTUAL TRAFFIC DENSITY 40 PERCENT OR MORE. TOTAL POTENTIAL MAINLINE ROUTE MILEAGE: 34,664 MILES.



B. MAINLINES
THESE LINES ARE THROUGH OR FEEDER ROUTES WHICH CARRY LESS THAN 20 MILLION GROSS TONS BUT AT LEAST 5 MILLION GROSS TONS ANNUALLY. IT QUALIFIES EITHER FOR A MAINLINE STATUS ON THE BASIS OF PASSENGER TRAIN USE OR PROVISION OF SERVICE TO MAJOR MARKETS NOR IS IT IN A CORRIDOR OF EXCESS CAPACITY. TOTAL B MAINLINE ROUTE MILEAGE: 42,000 MILES.



BRANCHLINES
MOST OF THESE LINES QUALIFY AS ONE OF THREE BRANCHLINE DESIGNATIONS. A LINE IS DESIGNATED AS A BRANCHLINE IF IT HANDLES AS LEAST ONE MILLION BUT LESS THAN 5 MILLION GROSS TONS ANNUALLY AND IS NOT DESIGNATED AS DEFENSE-ESSENTIAL BRANCHLINE. (TOTAL A BRANCHLINE ROUTE MILEAGE: 42,500 MILES). A LINE IS DESIGNATED B BRANCHLINE IF IT HANDLES LESS THAN ONE MILLION GROSS TONS ANNUALLY AND IS NOT DESIGNATED AS DEFENSE-ESSENTIAL BRANCHLINE. (TOTAL B BRANCHLINE MILEAGE: 49,500 MILES). IF A BRANCHLINE IS REQUIRED TO PROVIDE RAIL SERVICE FOR OVERSIZED MILITARY SHIPMENTS IT IS DESIGNATED DEFENSE-ESSENTIAL BRANCHLINE. (TOTAL DEFENSE-ESSENTIAL BRANCHLINE ROUTE MILEAGE: 4,000 MILES). TOTAL BRANCHLINE ROUTE MILEAGE: 96,000 MILES. FOR SPECIFIC BRANCHLINE CATEGORY DESIGNATIONS, SEE STATE MAPS.