

SOURCE: U.S. Geological Survey maps, 1966-1974; aerial photography, May and December, 1976; applicable local land use and zoning plans.



NORTHEAST CORRIDOR IMPROVEMENT PROJECT  
Federal Railroad Administration, Department of Transportation

**ENVIRONMENTAL PLANNING FACTORS**

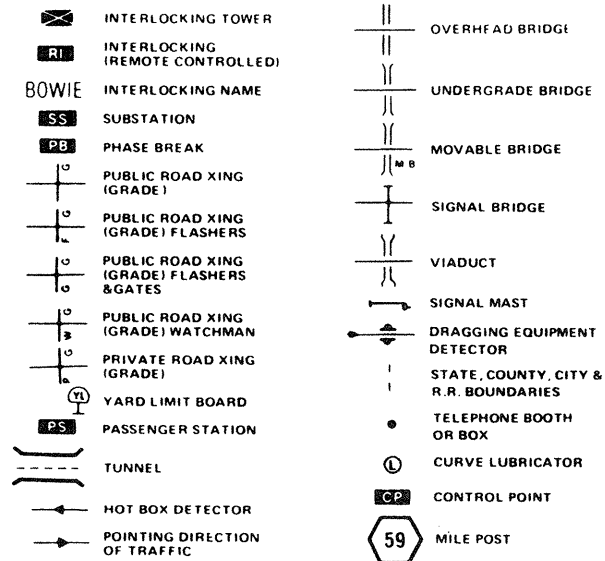
**PROGRAMMATIC ENVIRONMENTAL IMPACT STATEMENT**

JULY 1977

FIGURE A-30



PROJECT ACTIVITIES  
BY LOCATION  
PROPOSED AS OF APRIL 1978



PROJECT

ROUTE REALIGNMENT

CURVE REALIGNMENT  
INTERLOCKINGS REPLACED

TRACK IMPROVEMENTS

BALLAST CLEANING/  
UNDERCUTTING  
TIE RENEWAL  
RAIL

BRIDGES

REPAIR (UG)  
REPLACE (UG)  
MODIFY CLEARANCE (OH)

TUNNELS

LIMITS

FENCING

LIMITS

GRADE CROSSINGS

PUBLIC  
PRIVATE

ELECTRIFICATION

REHABILITATE  
NEW  
SUBSTATION  
SWITCHING STATION

SIGNALING & TRAFFIC CONTROL

UPGRADE  
REPLACE

COMMUNICATIONS

TOWER LOCATION

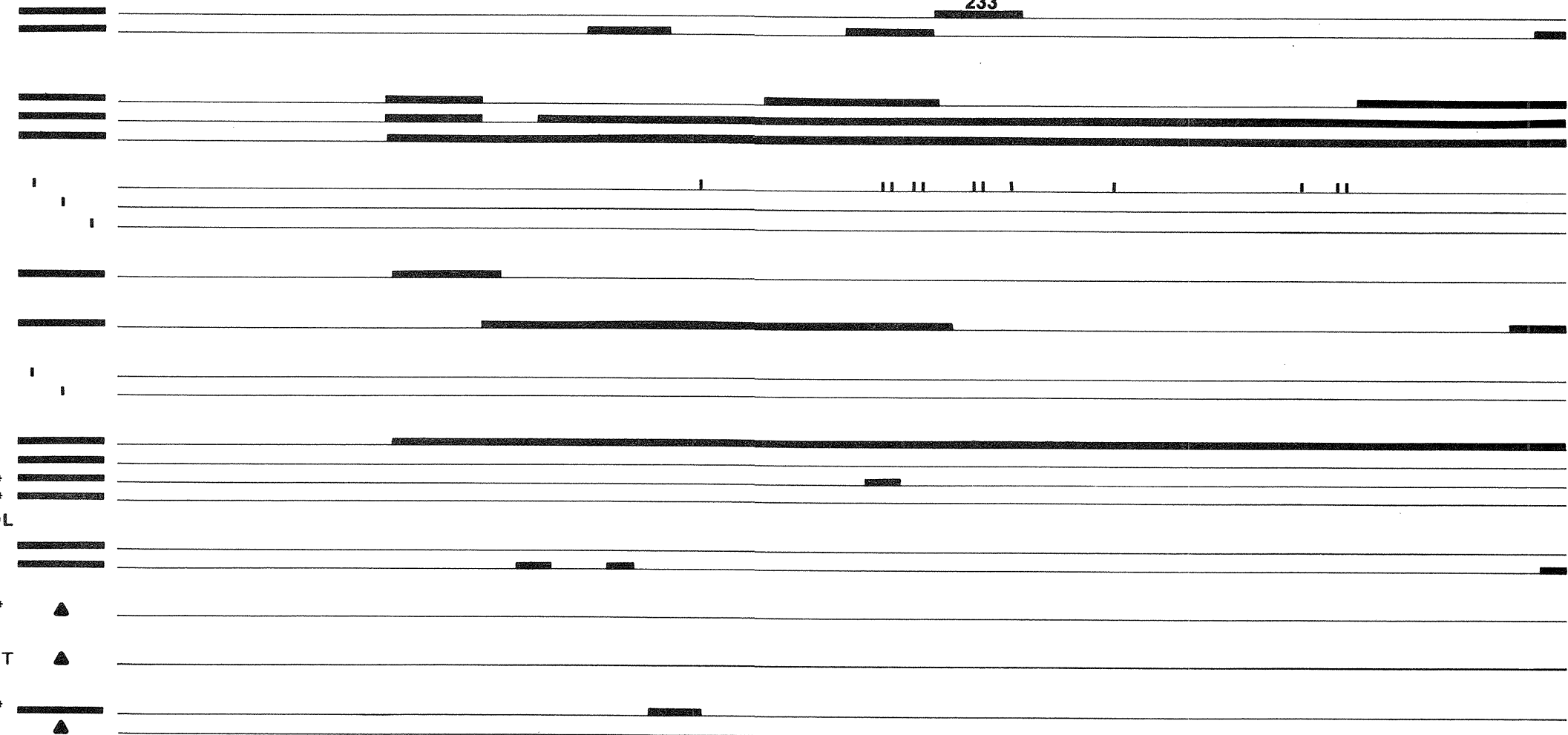
STATIONS

OPERATIONAL IMPROVEMENT

MAINTENANCE FACILITIES

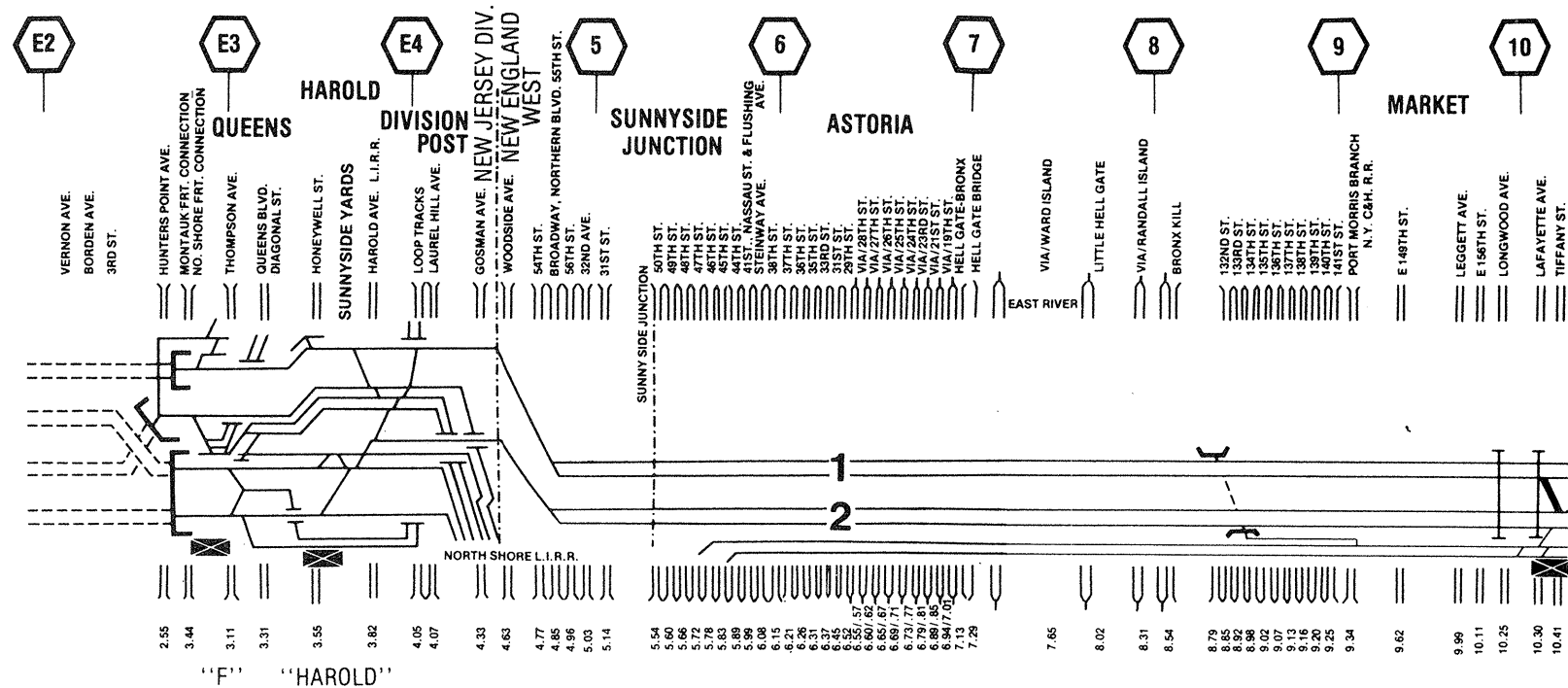
MOW BASE  
SHOP

EXTENT &  
LOCATION  
(NUMBER)



\* GENERALIZED LOCATION

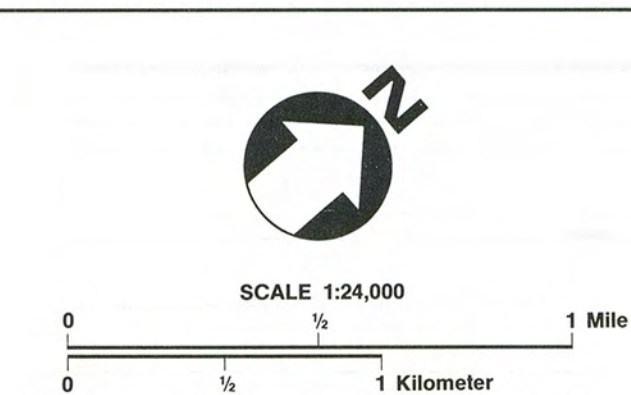
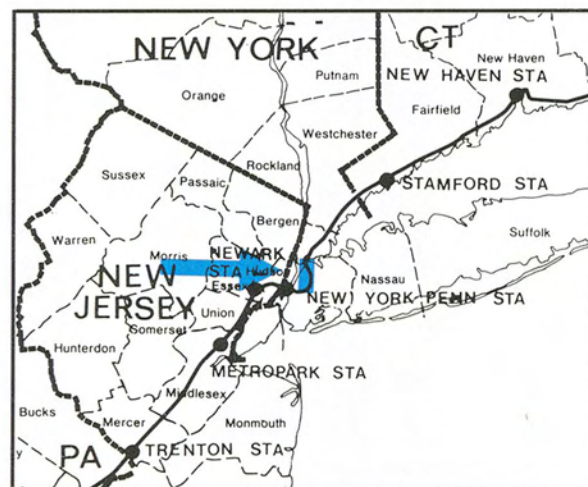
\*\* SITE TO BE LOCATED WITHIN AREA







MILEPOSTS



SOURCE: U.S. Geological Survey maps, 1966-1974; aerial photography, May and December, 1976; applicable local land use and zoning plans.



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## ENVIRONMENTAL PLANNING FACTORS

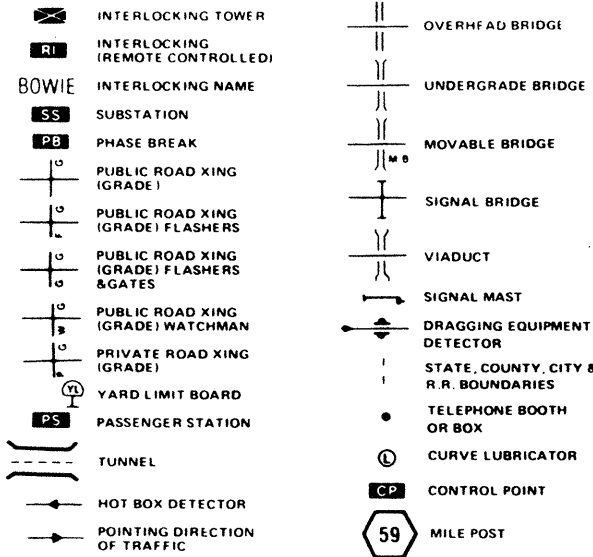
### PROGRAMMATIC ENVIRONMENTAL IMPACT STATEMENT

JULY 1977

FIGURE A-31



PROJECT ACTIVITIES  
BY LOCATION  
PROPOSED AS OF APRIL 1978



**PROJECT**  
**ROUTE REALIGNMENT**  
CURVE REALIGNMENT  
INTERLOCKINGS REPLACED

**TRACK IMPROVEMENTS**  
BALLAST CLEANING/  
UNDERCUTTING  
TIE RENEWAL  
RAIL

**BRIDGES**  
REPAIR (UG)  
REPLACE (UG)  
MODIFY CLEARANCE (OH)

**TUNNELS**  
LIMITS

**FENCING**  
LIMITS

**GRADE CROSSINGS**  
PUBLIC  
PRIVATE

**ELECTRIFICATION**  
REHABILITATE  
NEW  
SUBSTATION  
SWITCHING STATION

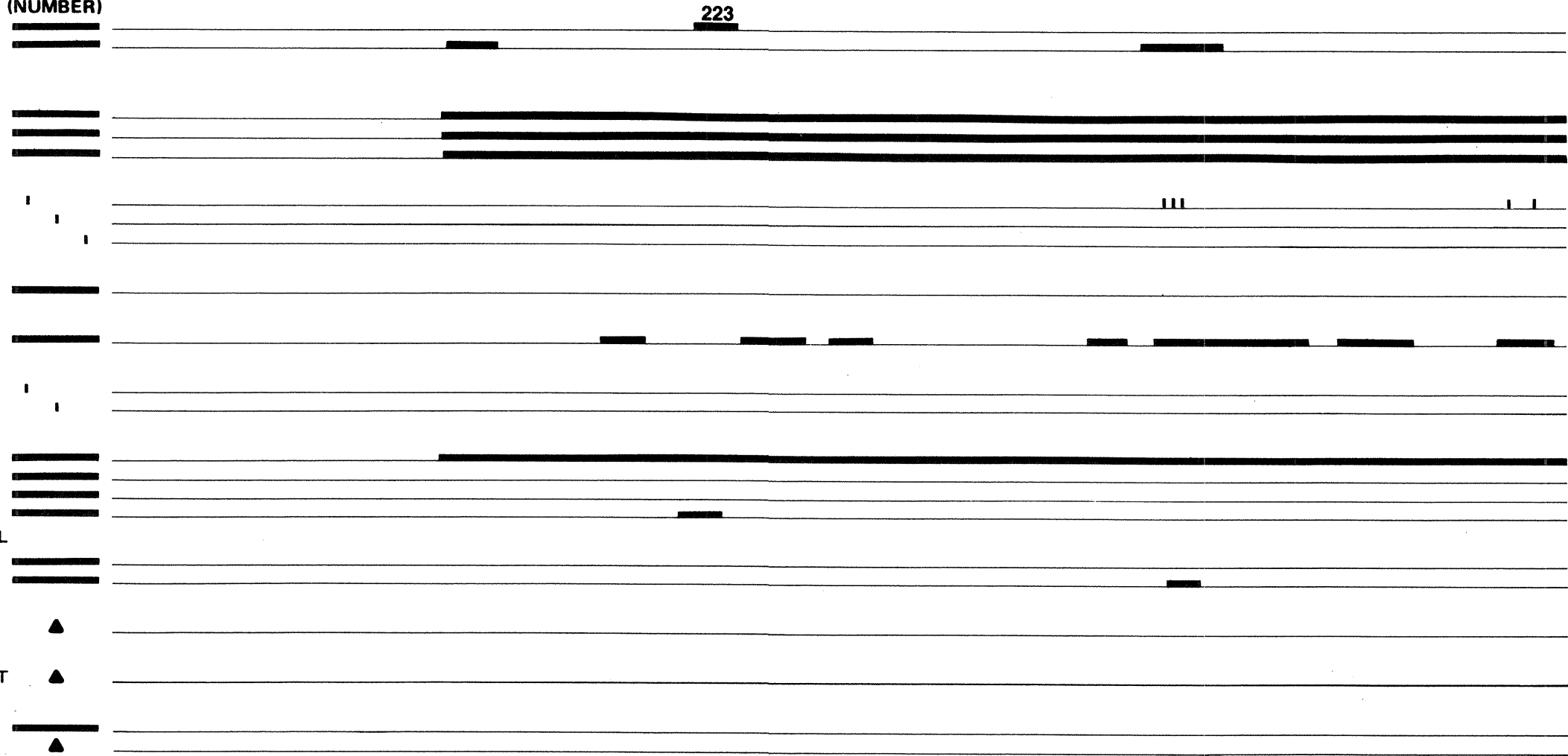
**SIGNALING & TRAFFIC CONTROL**  
UPGRADE  
REPLACE

**COMMUNICATIONS**  
TOWER LOCATION

**STATIONS**  
OPERATIONAL IMPROVEMENT

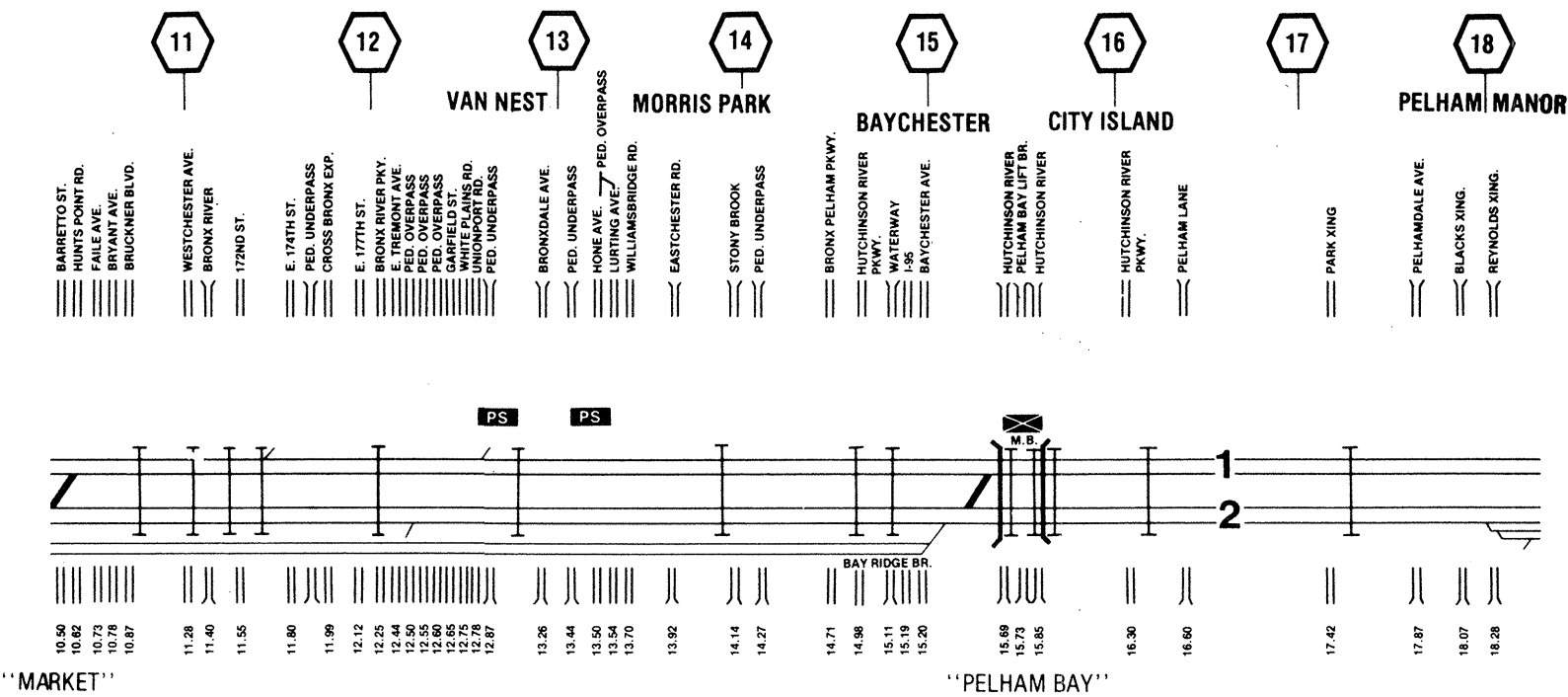
**MAINTENANCE FACILITIES**  
MOW BASE  
SHOP

**EXTENT & LOCATION**  
**(NUMBER)**



\* GENERALIZED LOCATION

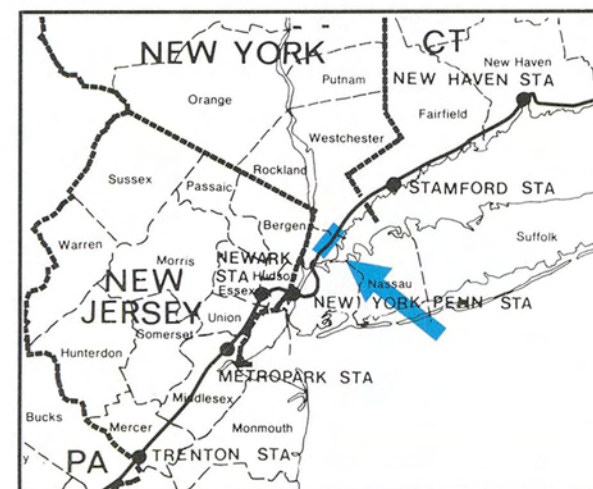
\*\* SITE TO BE LOCATED WITHIN AREA



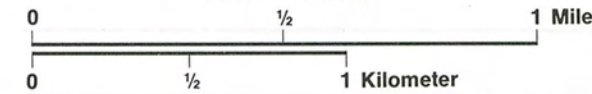




MILEPOSTS



SCALE 1:24,000



SOURCE: U.S. Geological Survey maps, 1966-1974; aerial photography, May and December, 1976; applicable local land use and zoning plans.

# LEGEND

- Residential
- Commercial/Retail
- Industrial
- Parks/Recreational
- Agriculture
- Undeveloped/Vacant

- Water Bodies
- Wetlands
- Shoreline and Streams
- Intermittent Streams
- Historical/Archeological Resources
- National
- State
- Local

- Public Facility/Utility
- Educational Facility
- Religious Facility
- Institutional Facility
- Northeast Corridor

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## ENVIRONMENTAL PLANNING FACTORS

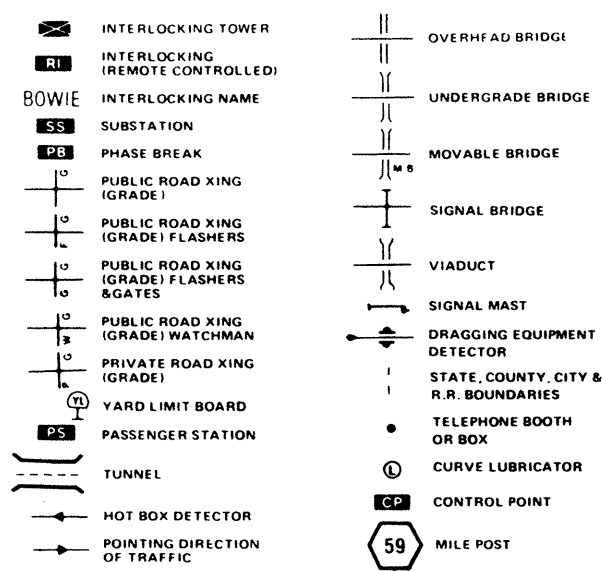
### PROGRAMMATIC ENVIRONMENTAL IMPACT STATEMENT

JULY 1977

FIGURE A-32

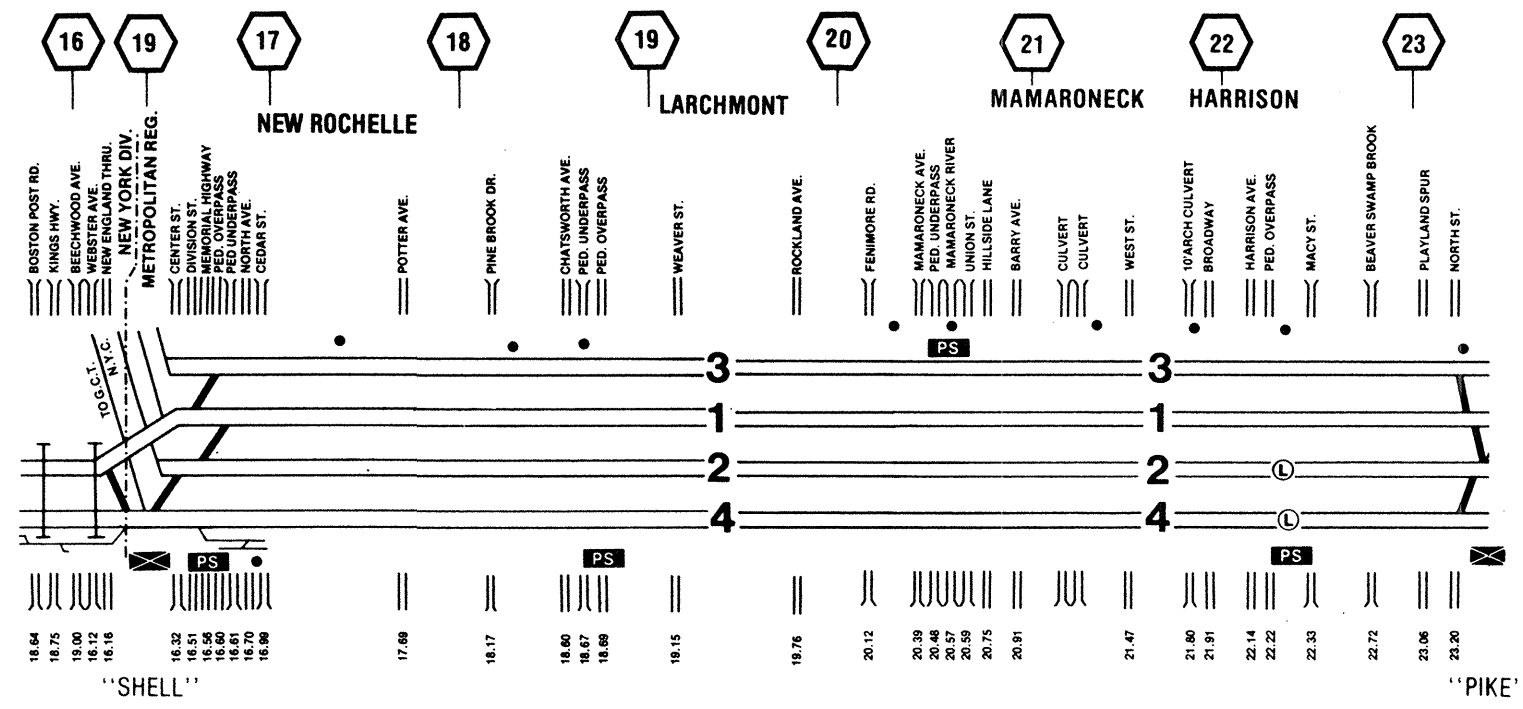


PROJECT ACTIVITIES  
BY LOCATION  
PROPOSED AS OF APRIL 1978

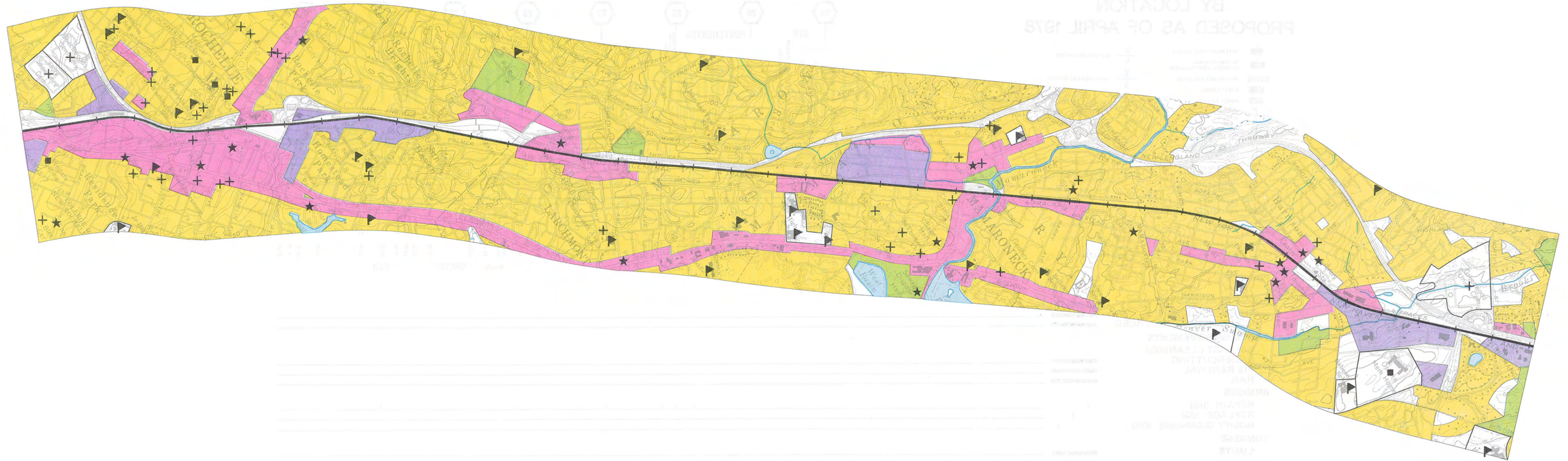


PROJECT		EXTENT & LOCATION (NUMBER)	
ROUTE REALIGNMENT			
CURVE REALIGNMENT			
INTERLOCKINGS REPLACED			
TRACK IMPROVEMENTS			
BALLAST CLEANING/ UNDERCUTTING			
TIE RENEWAL			
RAIL			
BRIDGES			
REPAIR (UG)			
REPLACE (UG)			
MODIFY CLEARANCE (OH)			
TUNNELS			
LIMITS			
FENCING			
LIMITS			
GRADE CROSSINGS			
PUBLIC			
PRIVATE			
ELECTRIFICATION			
REHABILITATE			
NEW			
SUBSTATION			
SWITCHING STATION			
SIGNALING & TRAFFIC CONTROL			
UPGRADE			
REPLACE			
COMMUNICATIONS			
TOWER LOCATION			
STATIONS			
OPERATIONAL IMPROVEMENT			
MAINTENANCE FACILITIES			
MOW BASE			
SHOP			

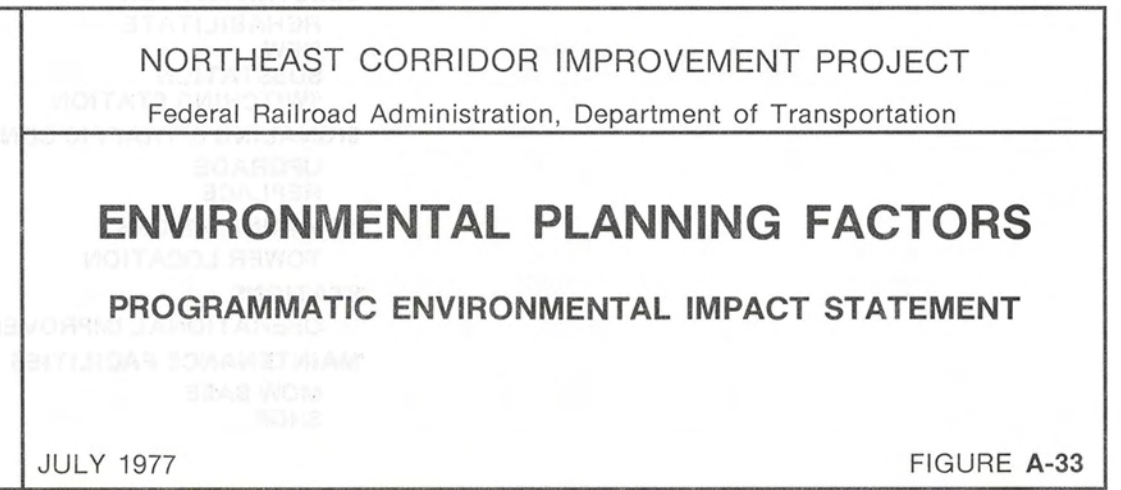
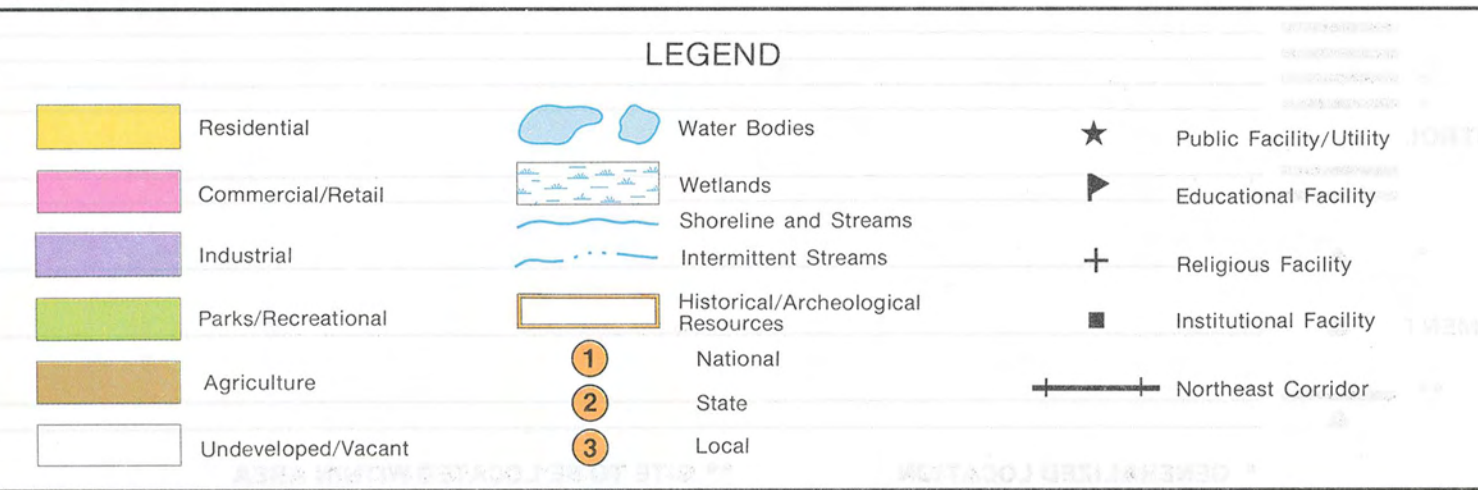
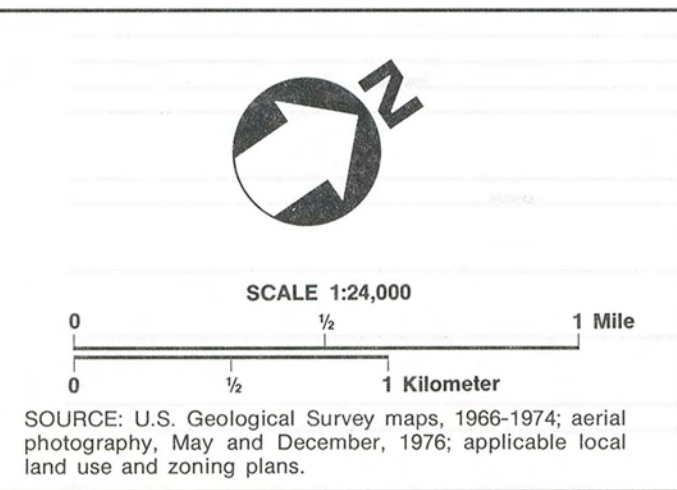
\* GENERALIZED LOCATION      \*\* SITE TO BE LOCATED WITHIN AREA





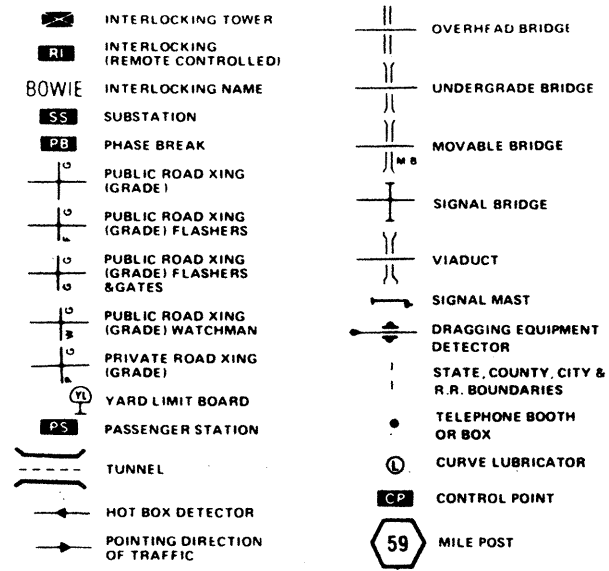


MILEPOSTS



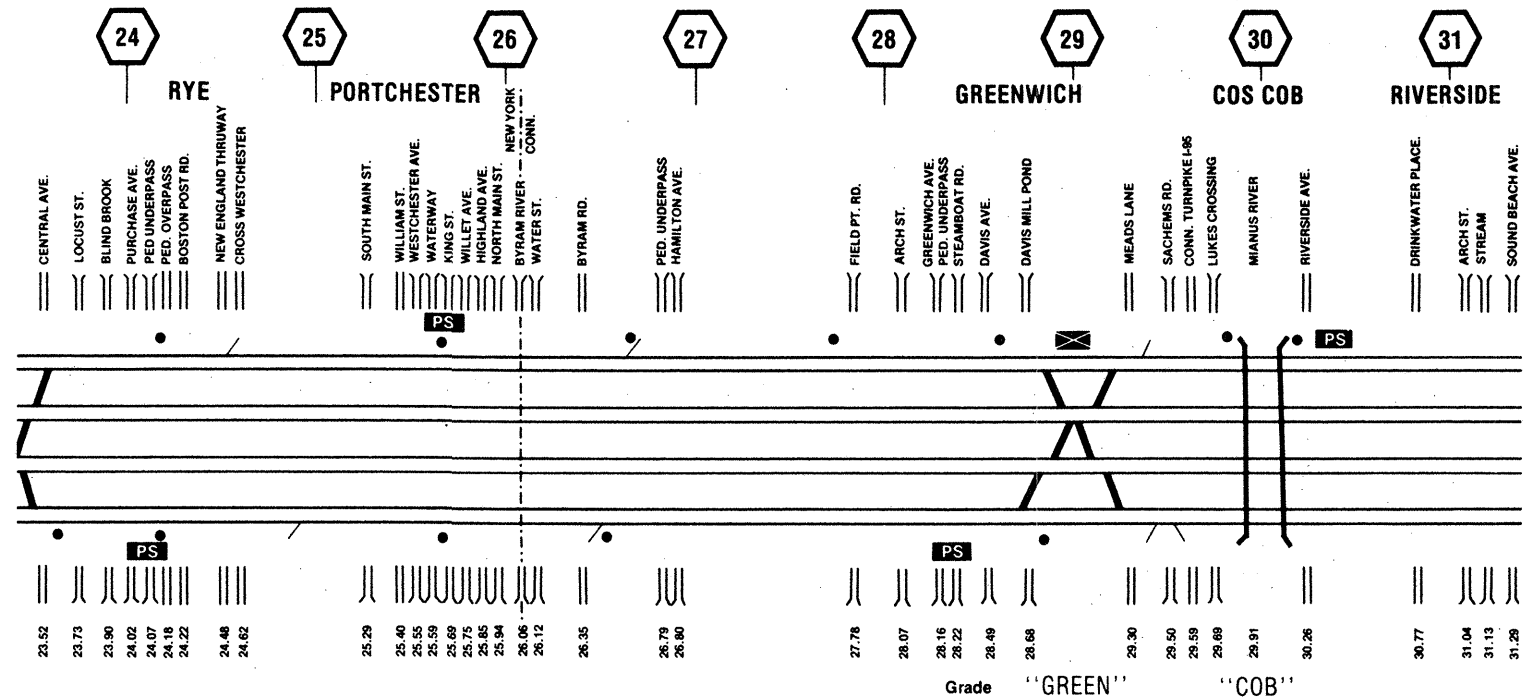


PROJECT ACTIVITIES  
BY LOCATION  
PROPOSED AS OF APRIL 1978

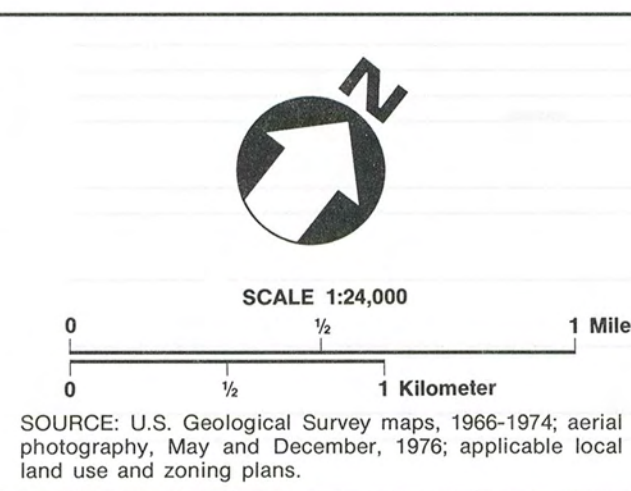
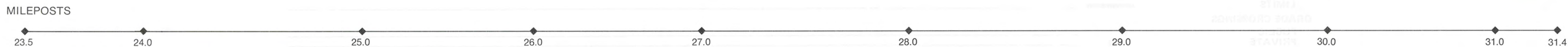
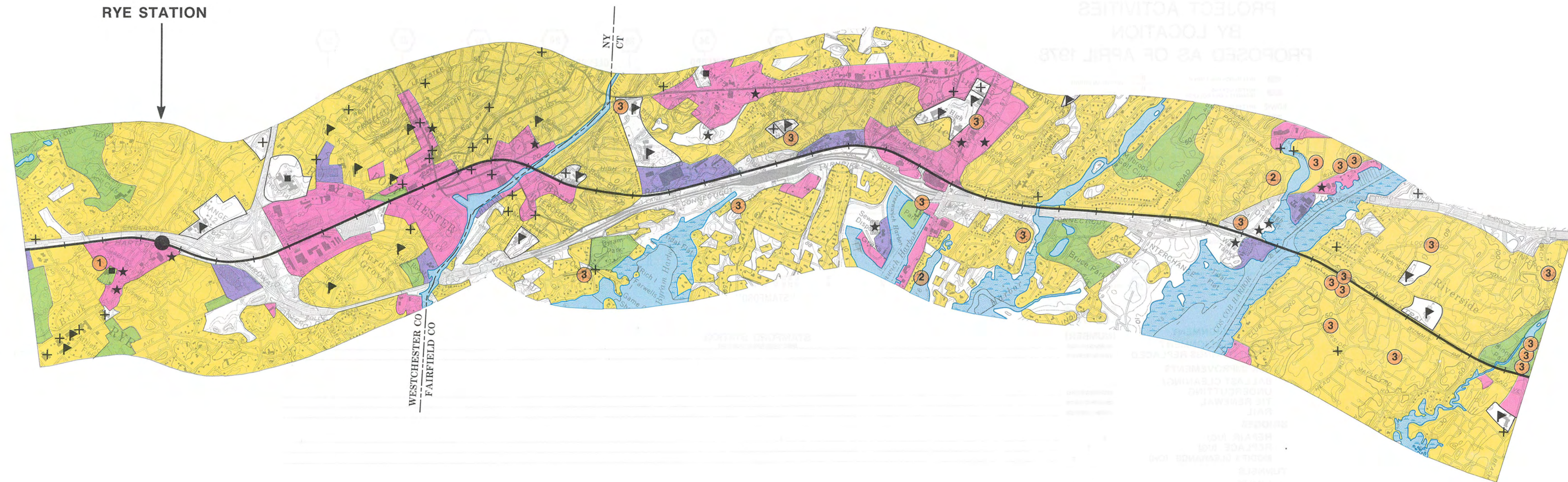


PROJECT	EXTENT & LOCATION (NUMBER)
ROUTE REALIGNMENT	
CURVE REALIGNMENT	
INTERLOCKINGS REPLACED	
TRACK IMPROVEMENTS	
BALLAST CLEANING/ UNDERCUTTING	
TIE RENEWAL	
RAIL	
BRIDGES	
REPAIR (UG)	
REPLACE (UG)	
MODIFY CLEARANCE (OH)	
TUNNELS	
LIMITS	
FENCING	
LIMITS	
GRADE CROSSINGS	
PUBLIC	
PRIVATE	
ELECTRIFICATION	
REHABILITATE	
NEW	
SUBSTATION	
SWITCHING STATION	
SIGNALING & TRAFFIC CONTROL	
UPGRADE	
REPLACE	
COMMUNICATIONS	
TOWER LOCATION	
STATIONS	
OPERATIONAL IMPROVEMENT	
MAINTENANCE FACILITIES	
MOW BASE	
SHOP	

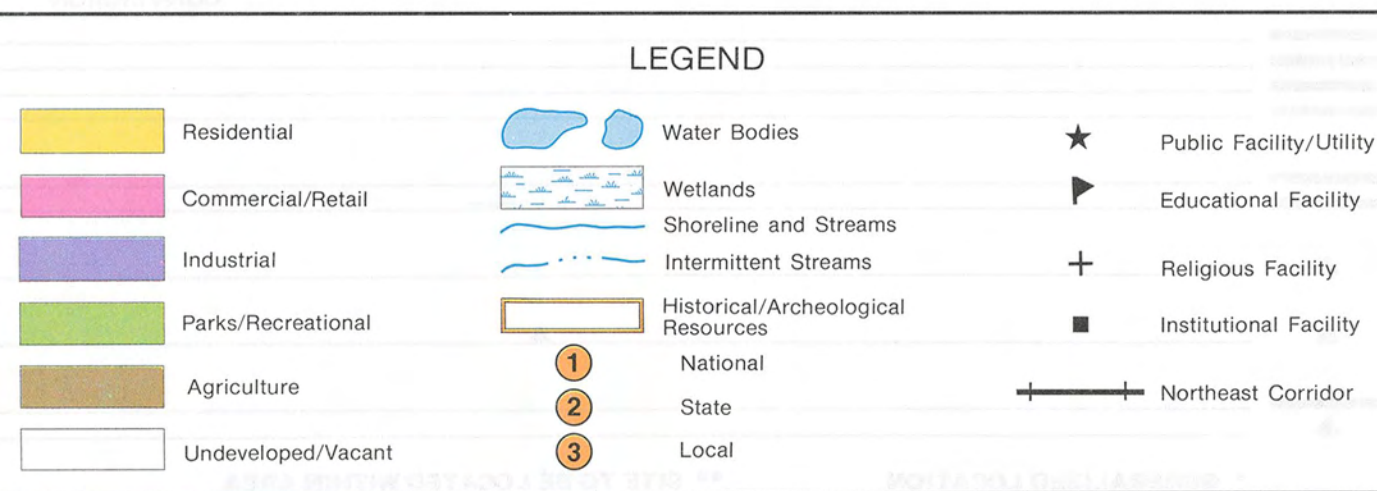
\* GENERALIZED LOCATION      \*\* SITE TO BE LOCATED WITHIN AREA







SOURCE: U.S. Geological Survey maps, 1966-1974; aerial photography, May and December, 1976; applicable local land use and zoning plans.



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**ENVIRONMENTAL PLANNING FACTORS**

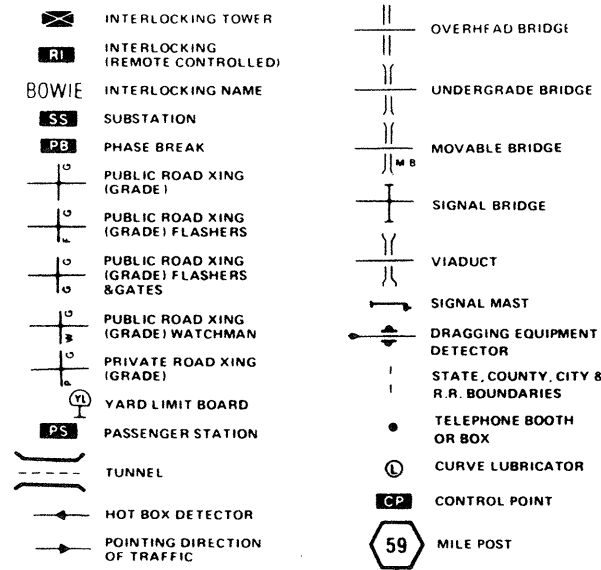
**PROGRAMMATIC ENVIRONMENTAL IMPACT STATEMENT**

JULY 1977

FIGURE A-34



PROJECT ACTIVITIES  
BY LOCATION  
PROPOSED AS OF APRIL 1978



PROJECT

ROUTE REALIGNMENT

CURVE REALIGNMENT  
INTERLOCKINGS REPLACED

TRACK IMPROVEMENTS

BALLAST CLEANING/  
UNDERCUTTING  
TIE RENEWAL  
RAIL

BRIDGES

REPAIR (UG)  
REPLACE (UG)  
MODIFY CLEARANCE (OH)

TUNNELS

LIMITS

FENCING

LIMITS

GRADE CROSSINGS

PUBLIC  
PRIVATE

ELECTRIFICATION

REHABILITATE  
NEW  
SUBSTATION  
SWITCHING STATION

SIGNALING & TRAFFIC CONTROL

UPGRADE  
REPLACE

COMMUNICATIONS

TOWER LOCATION

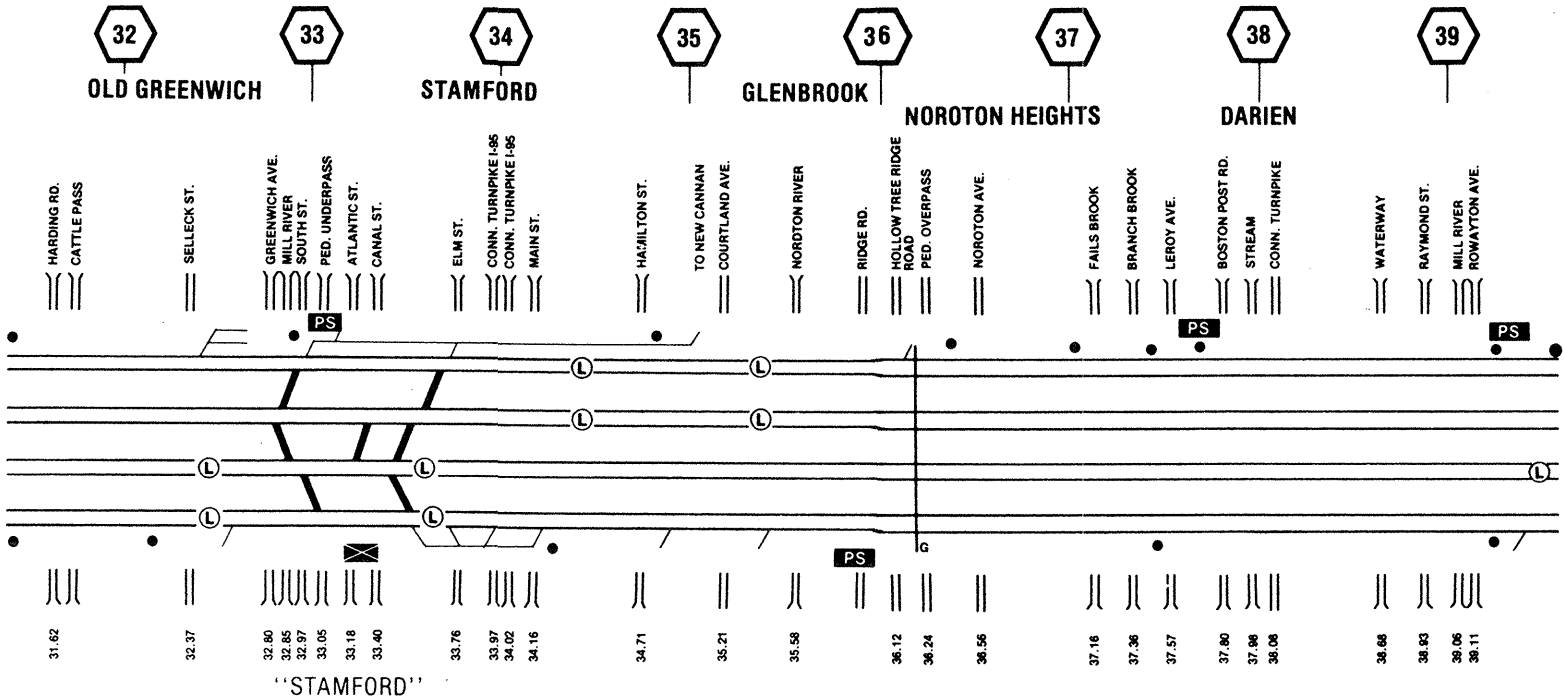
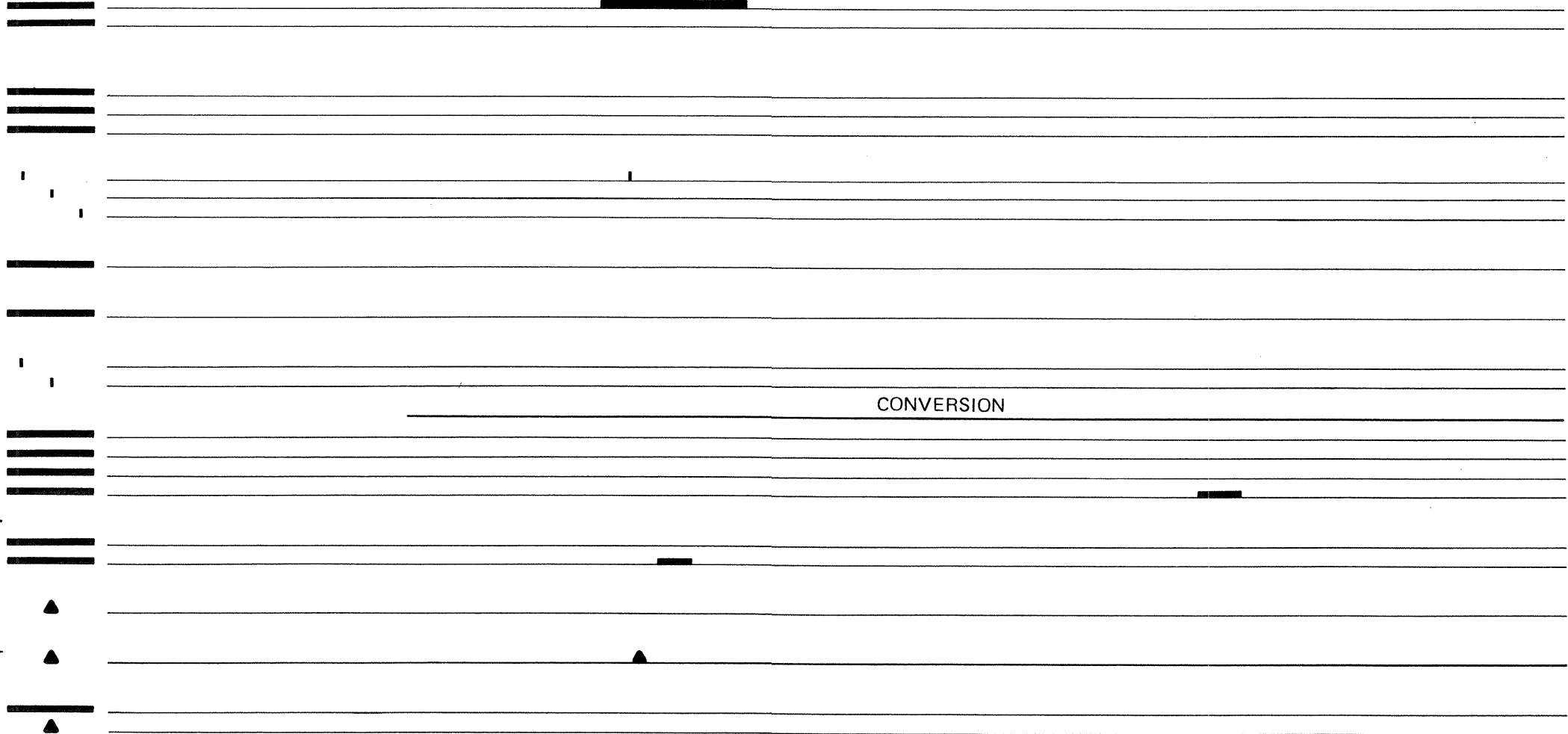
STATIONS

OPERATIONAL IMPROVEMENT

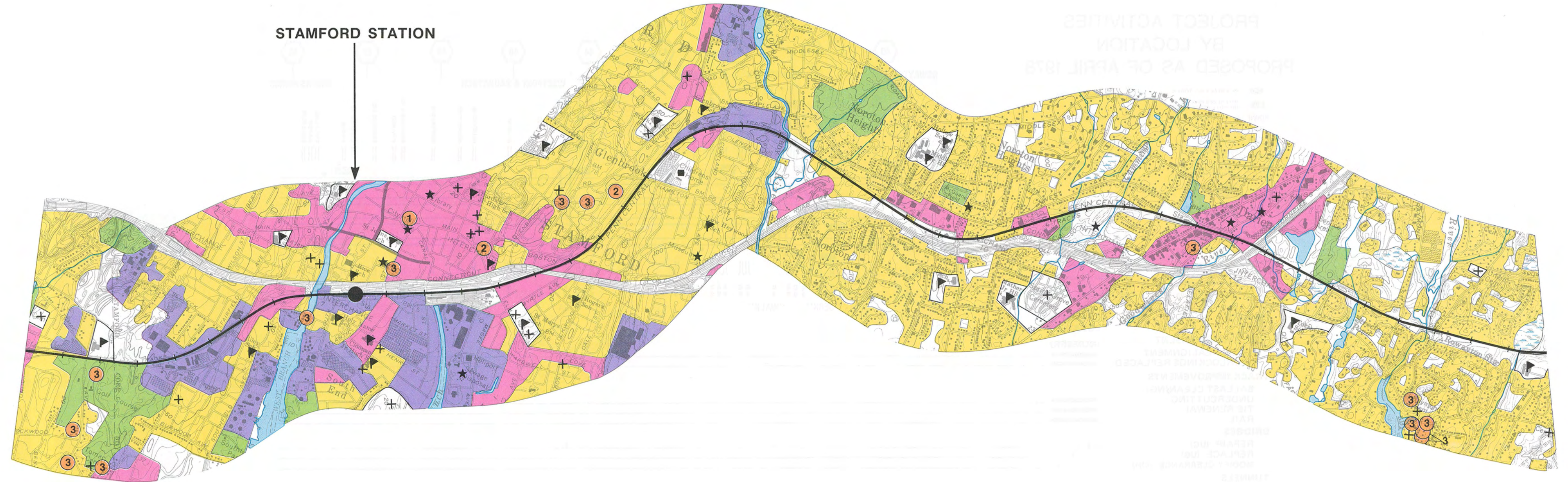
MAINTENANCE FACILITIES

MOW BASE  
SHOP

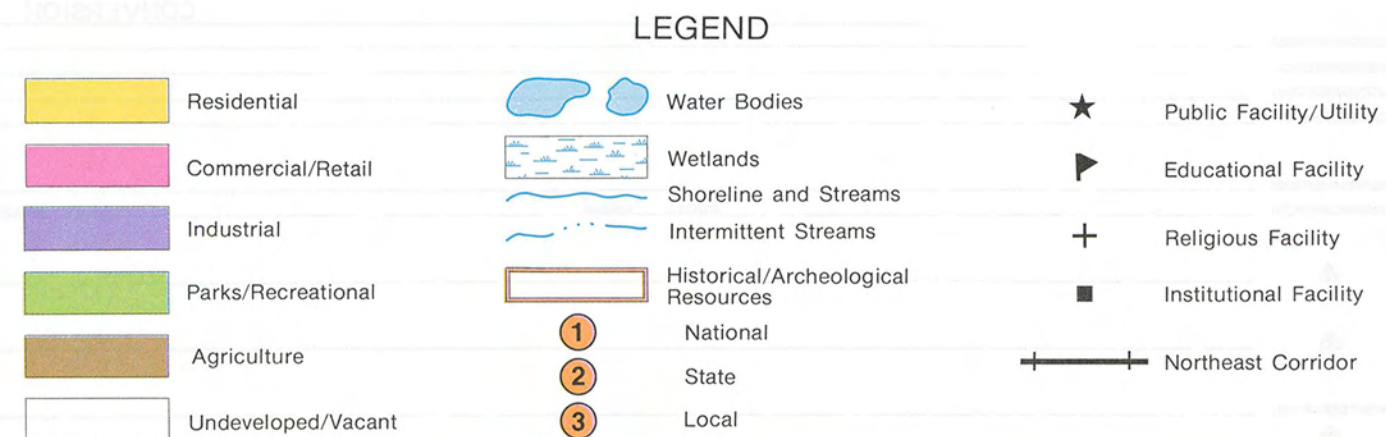
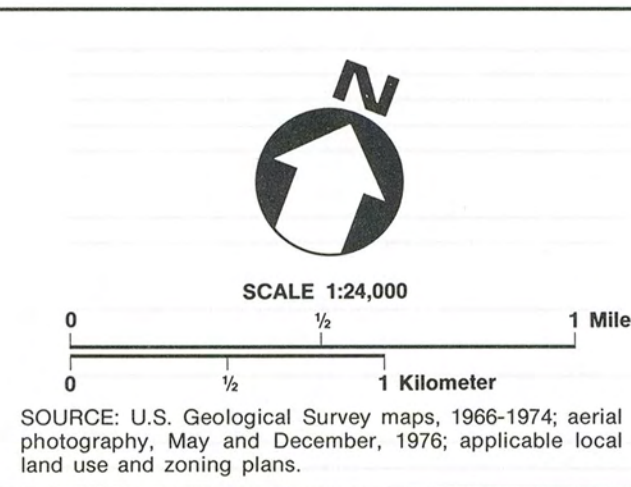
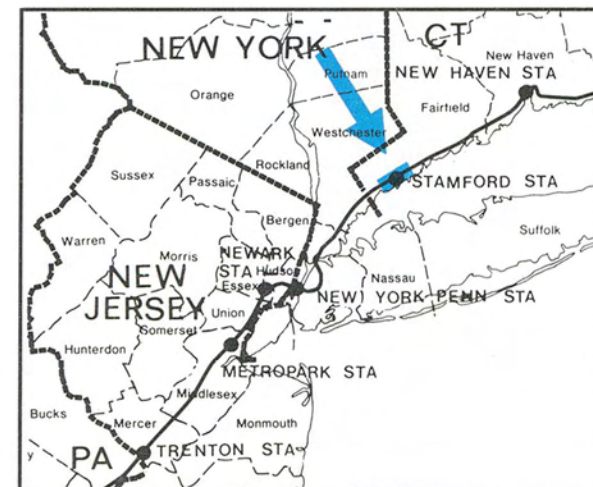
EXTENT &  
LOCATION  
(NUMBER)







MILEPOSTS



NORTHEAST CORRIDOR IMPROVEMENT PROJECT  
Federal Railroad Administration, Department of Transportation

## ENVIRONMENTAL PLANNING FACTORS

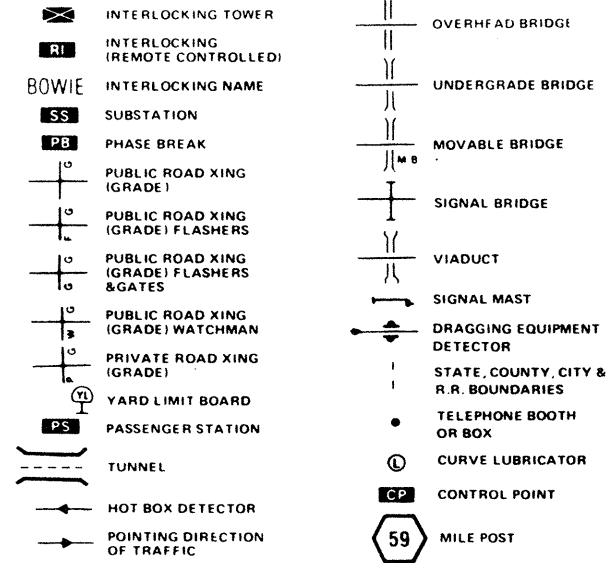
### PROGRAMMATIC ENVIRONMENTAL IMPACT STATEMENT

JULY 1977

FIGURE A-35



PROJECT ACTIVITIES  
BY LOCATION  
PROPOSED AS OF APRIL 1978



PROJECT

ROUTE REALIGNMENT  
CURVE REALIGNMENT  
INTERLOCKINGS REPLACED

TRACK IMPROVEMENTS  
BALLAST CLEANING/  
UNDERCUTTING  
TIE RENEWAL  
RAIL

BRIDGES  
REPAIR (UG)  
REPLACE (UG)  
MODIFY CLEARANCE (OH)

TUNNELS  
LIMITS

FENCING  
LIMITS

GRADE CROSSINGS  
PUBLIC  
PRIVATE

ELECTRIFICATION  
REHABILITATE  
NEW  
SUBSTATION  
SWITCHING STATION

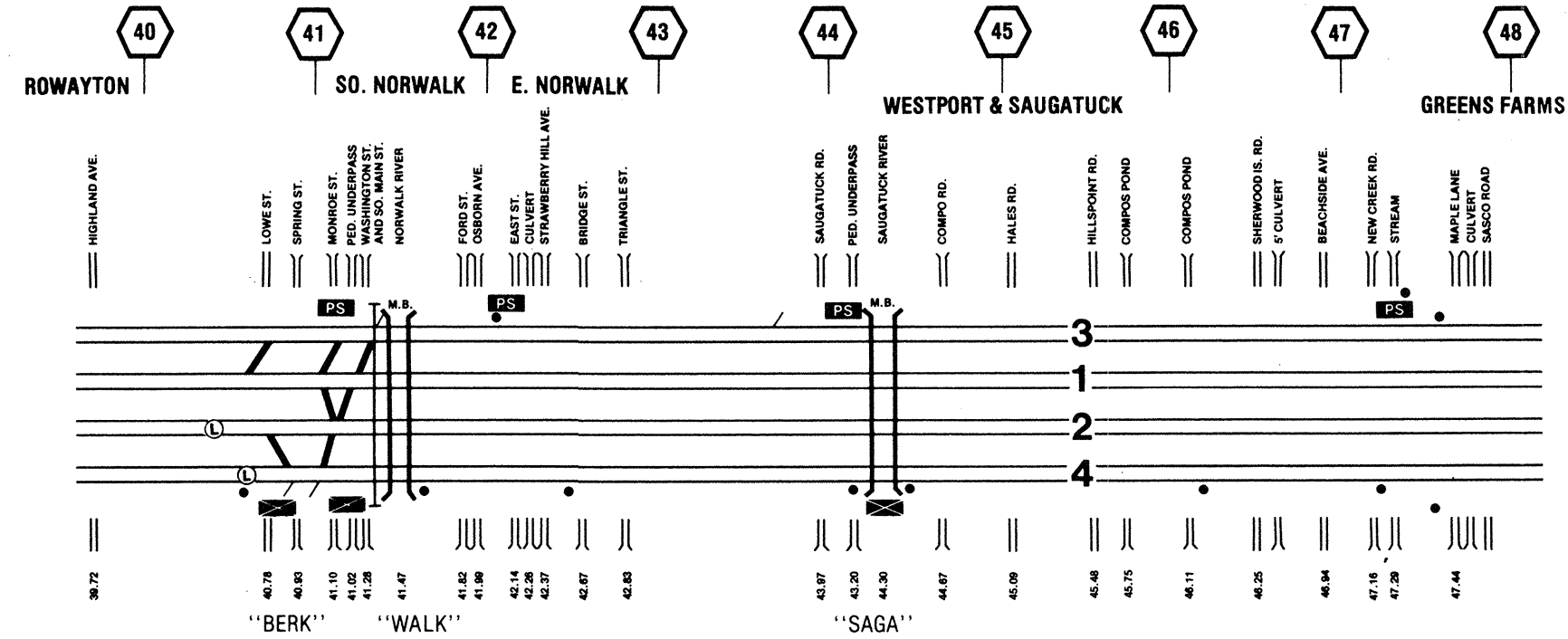
SIGNALING & TRAFFIC CONTROL  
UPGRADE  
REPLACE

COMMUNICATIONS  
TOWER LOCATION

STATIONS  
OPERATIONAL IMPROVEMENT

MAINTENANCE FACILITIES  
MOW BASE  
SHOP

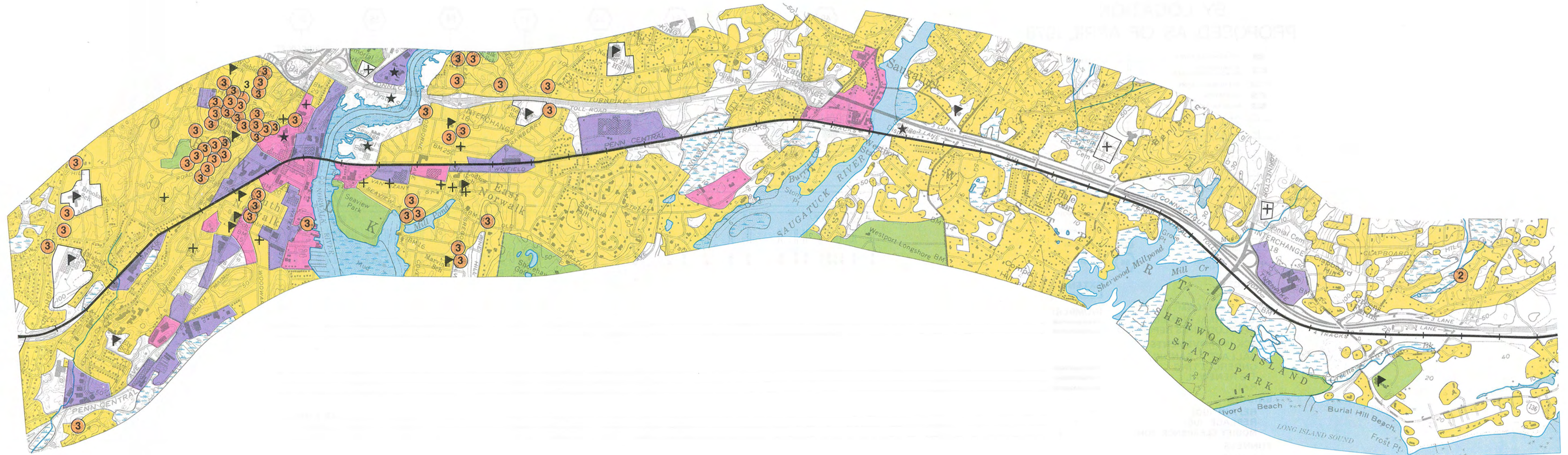
EXTENT &  
LOCATION  
(NUMBER)



\* GENERALIZED LOCATION

\*\* SITE TO BE LOCATED WITHIN AREA

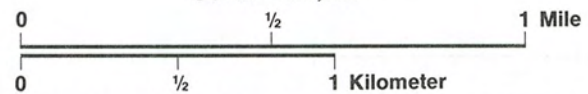




MILEPOSTS

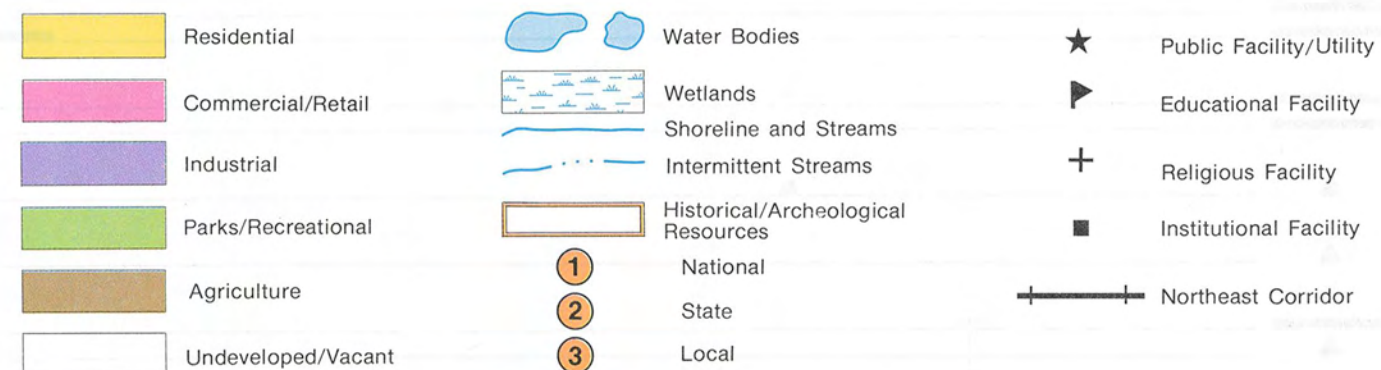


SCALE 1:24,000



SOURCE: U.S. Geological Survey maps, 1966-1974; aerial photography, May and December, 1976; applicable local land use and zoning plans.

#### LEGEND



NORTHEAST CORRIDOR IMPROVEMENT PROJECT  
Federal Railroad Administration, Department of Transportation

## ENVIRONMENTAL PLANNING FACTORS

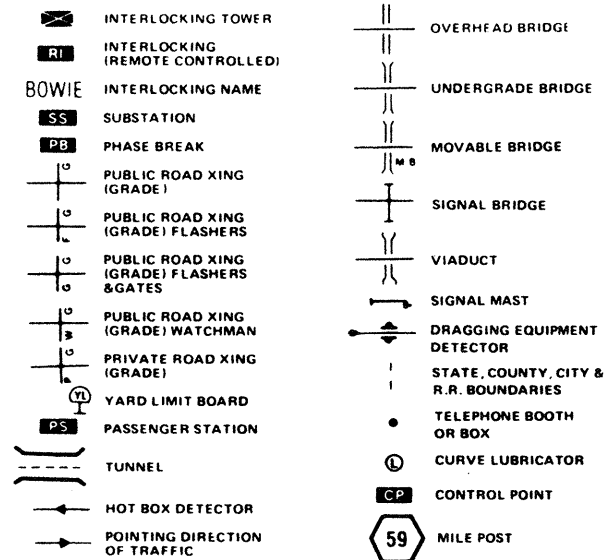
### PROGRAMMATIC ENVIRONMENTAL IMPACT STATEMENT

JULY 1977

FIGURE A-36

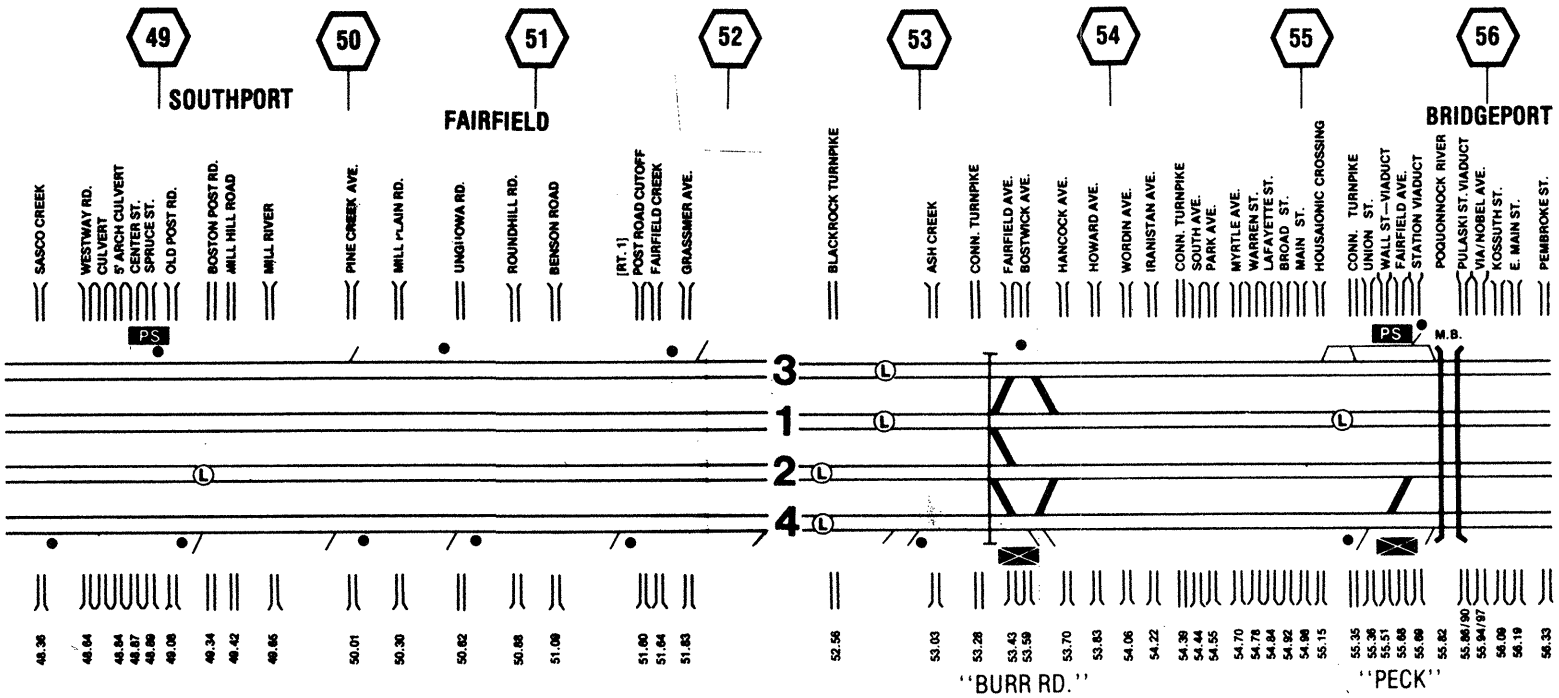


PROJECT ACTIVITIES  
BY LOCATION  
PROPOSED AS OF APRIL 1978

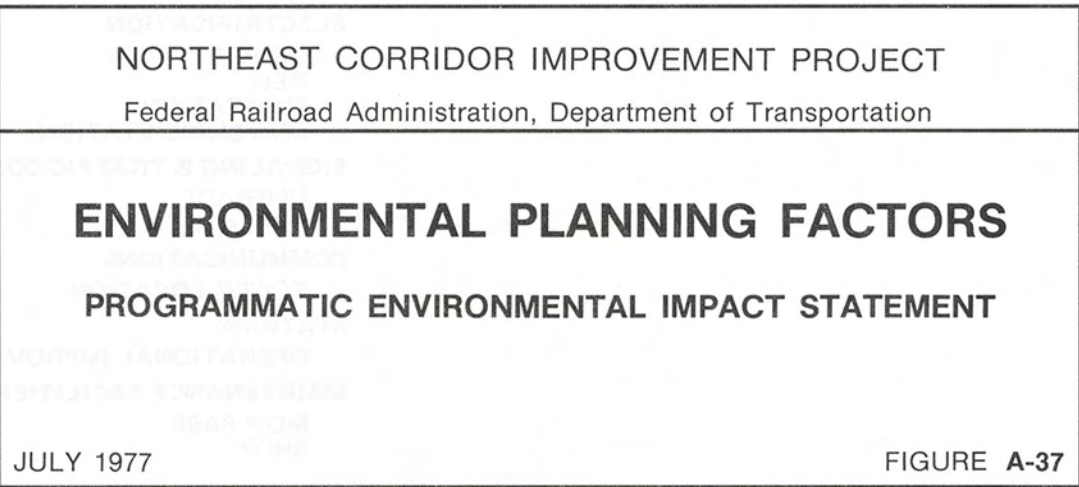
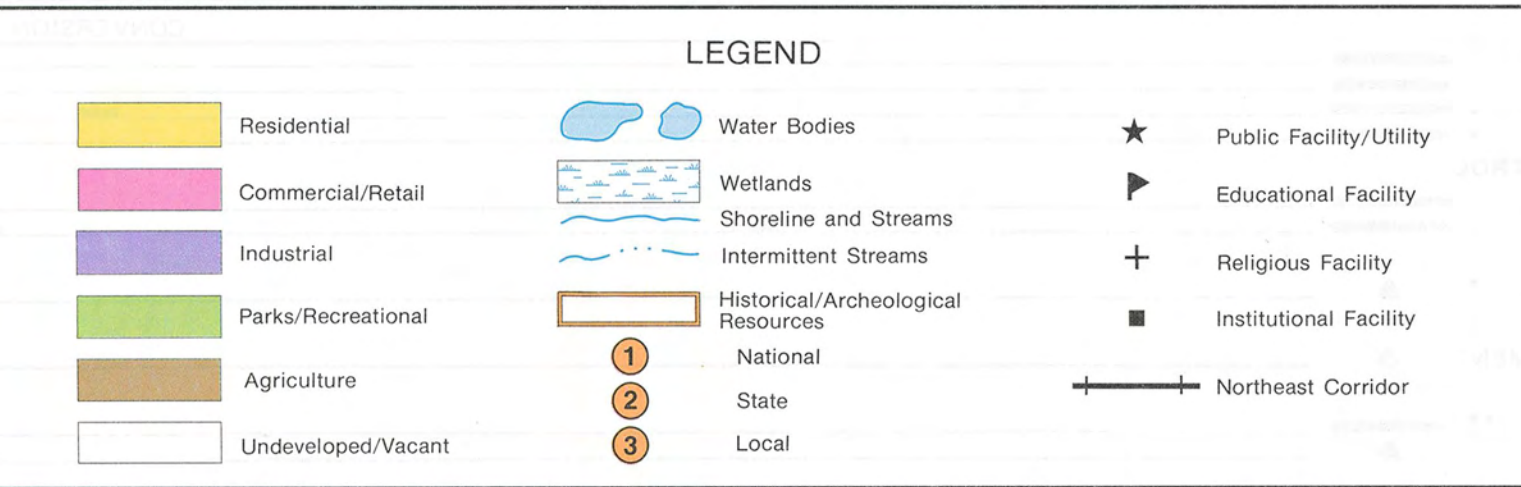
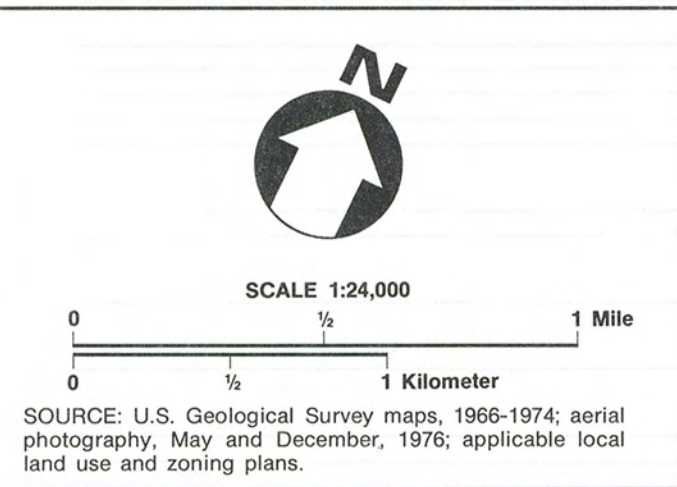
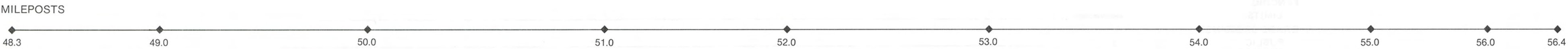


PROJECT	EXTENT & LOCATION
ROUTE REALIGNMENT	(NUMBER)
CURVE REALIGNMENT	
INTERLOCKINGS REPLACED	
TRACK IMPROVEMENTS	
BALLAST CLEANING/ UNDERCUTTING	
TIE RENEWAL	
RAIL	
BRIDGES	
REPAIR (UG)	
REPLACE (UG)	
MODIFY CLEARANCE (OH)	
TUNNELS	
LIMITS	
FENCING	
LIMITS	
GRADE CROSSINGS	
PUBLIC	
PRIVATE	
ELECTRIFICATION	
REHABILITATE	
NEW	
SUBSTATION	
SWITCHING STATION	
SIGNALING & TRAFFIC CONTROL	
UPGRADE	
REPLACE	
COMMUNICATIONS	
TOWER LOCATION	
STATIONS	
OPERATIONAL IMPROVEMENT	
MAINTENANCE FACILITIES	
MOW BASE	
SHOP	

\* GENERALIZED LOCATION      \*\* SITE TO BE LOCATED WITHIN AREA

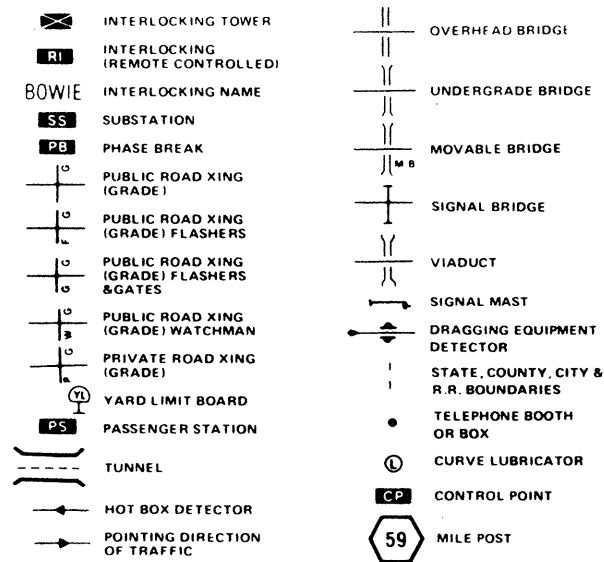








PROJECT ACTIVITIES  
BY LOCATION  
PROPOSED AS OF APRIL 1978



**PROJECT**

**ROUTE REALIGNMENT**

CURVE REALIGNMENT  
INTERLOCKINGS REPLACED

**TRACK IMPROVEMENTS**

BALLAST CLEANING/  
UNDERCUTTING  
TIE RENEWAL  
RAIL

**BRIDGES**

REPAIR (UG)  
REPLACE (UG)  
MODIFY CLEARANCE (OH)

**TUNNELS**

LIMITS

**FENCING**

LIMITS

**GRADE CROSSINGS**

PUBLIC  
PRIVATE

**ELECTRIFICATION**

REHABILITATE  
NEW  
SUBSTATION  
SWITCHING STATION

**SIGNALING & TRAFFIC CONTROL**

UPGRADE  
REPLACE

**COMMUNICATIONS**

TOWER LOCATION

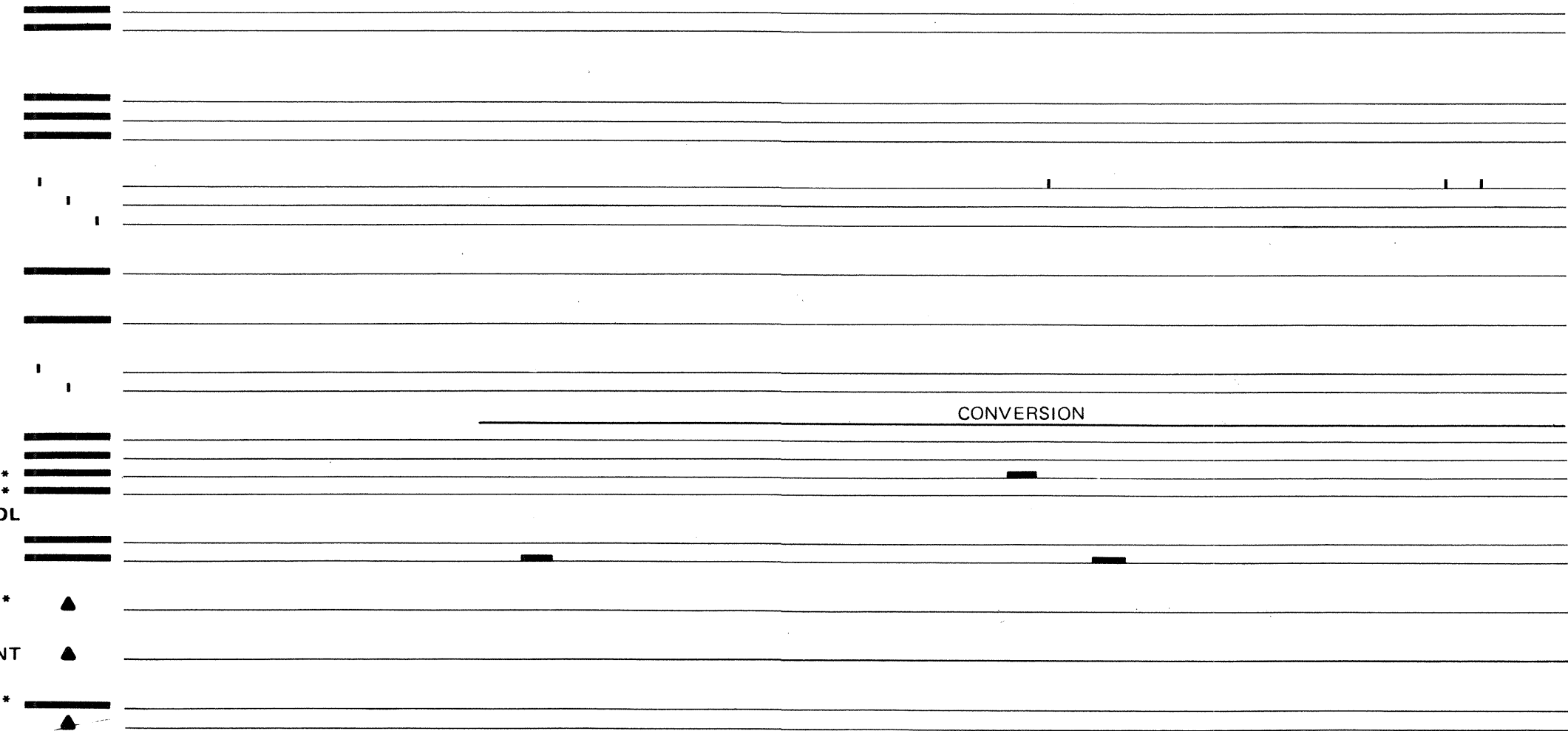
**STATIONS**

OPERATIONAL IMPROVEMENT

**MAINTENANCE FACILITIES**

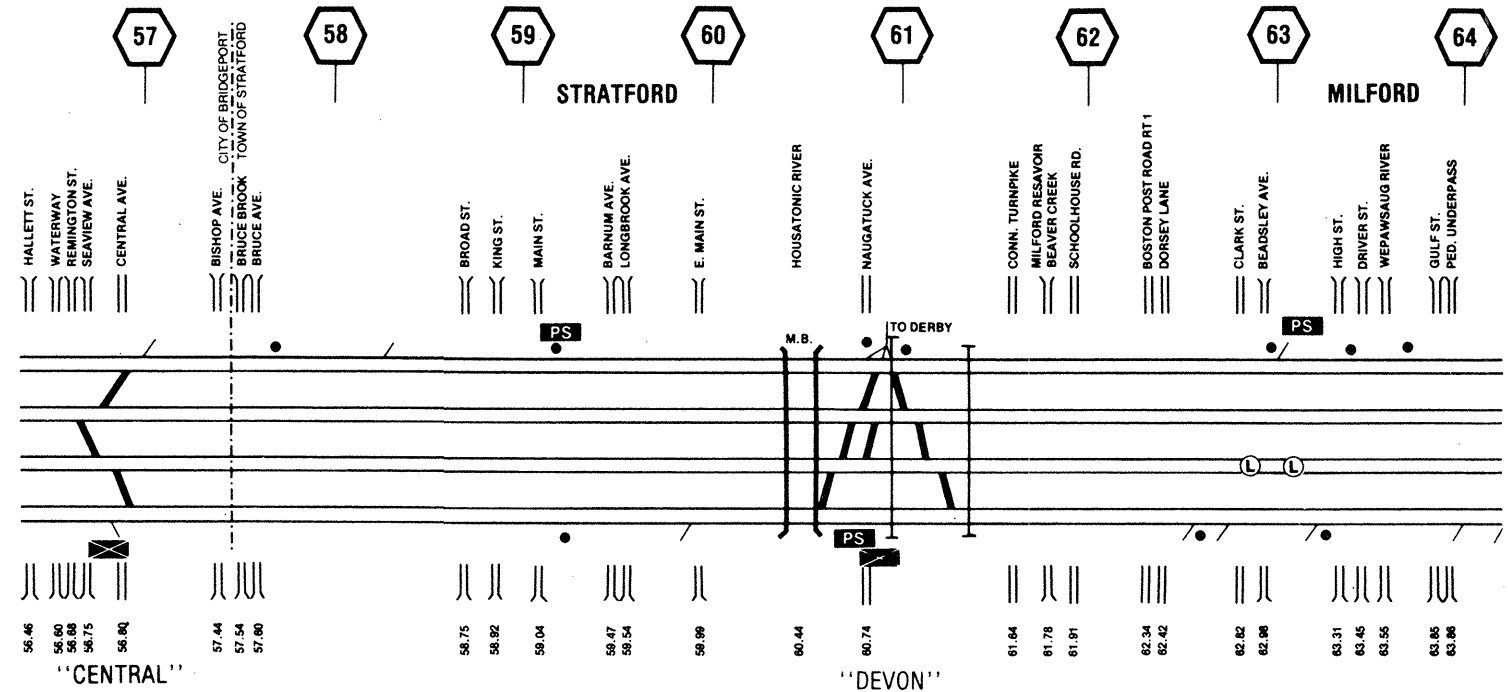
MOW BASE  
SHOP

**EXTENT & LOCATION  
(NUMBER)**

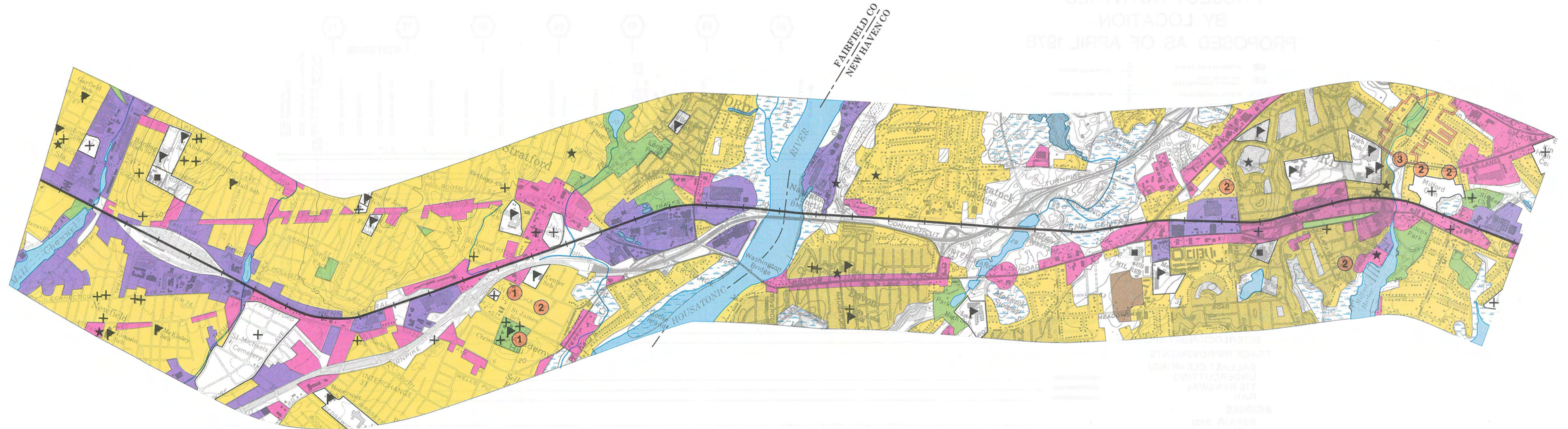


\* GENERALIZED LOCATION

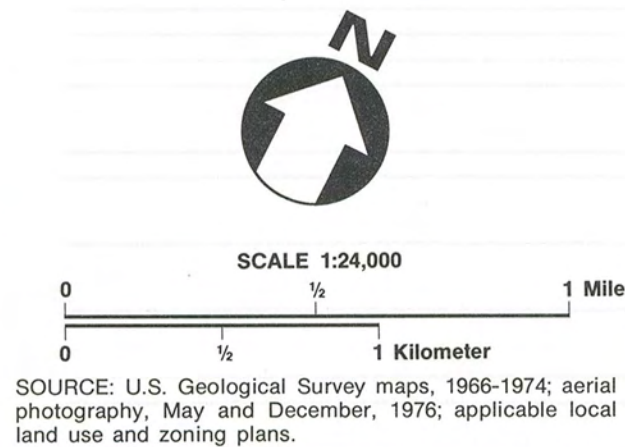
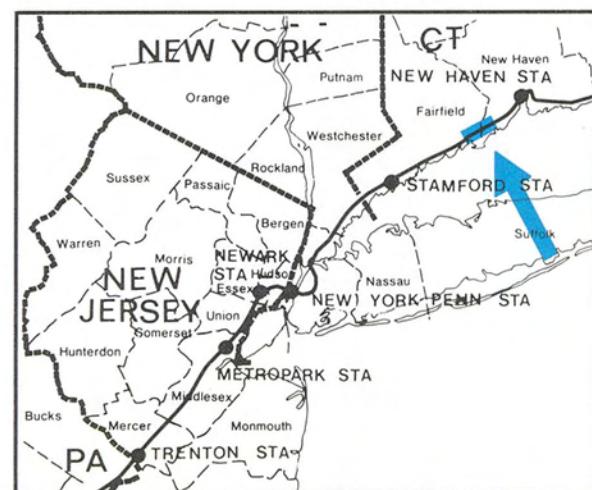
\*\* SITE TO BE LOCATED WITHIN AREA







MILEPOSTS



NORTHEAST CORRIDOR IMPROVEMENT PROJECT  
Federal Railroad Administration, Department of Transportation

## ENVIRONMENTAL PLANNING FACTORS

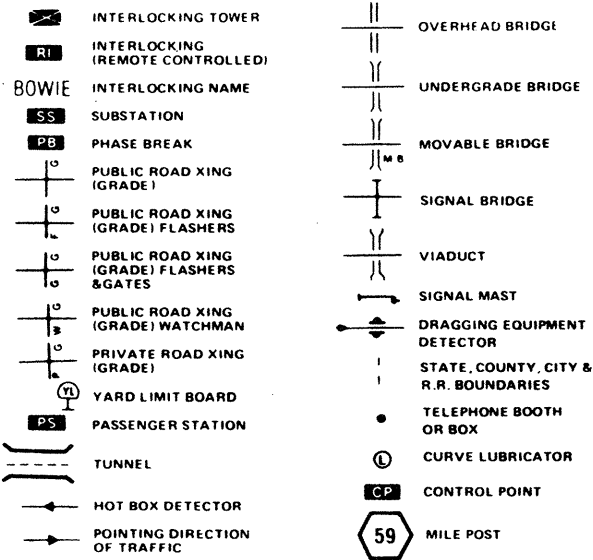
### PROGRAMMATIC ENVIRONMENTAL IMPACT STATEMENT

JULY 1977

FIGURE A-38



PROJECT ACTIVITIES  
BY LOCATION  
PROPOSED AS OF APRIL 1978



**PROJECT**

**ROUTE REALIGNMENT**  
CURVE REALIGNMENT  
INTERLOCKINGS REPLACED

**TRACK IMPROVEMENTS**  
BALLAST CLEANING/  
UNDERCUTTING  
TIE RENEWAL  
RAIL

**BRIDGES**  
REPAIR (UG)  
REPLACE (UG)  
MODIFY CLEARANCE (OH)

**TUNNELS**  
LIMITS

**FENCING**  
LIMITS

**GRADE CROSSINGS**  
PUBLIC  
PRIVATE

**ELECTRIFICATION**  
REHABILITATE  
NEW  
SUBSTATION  
SWITCHING STATION

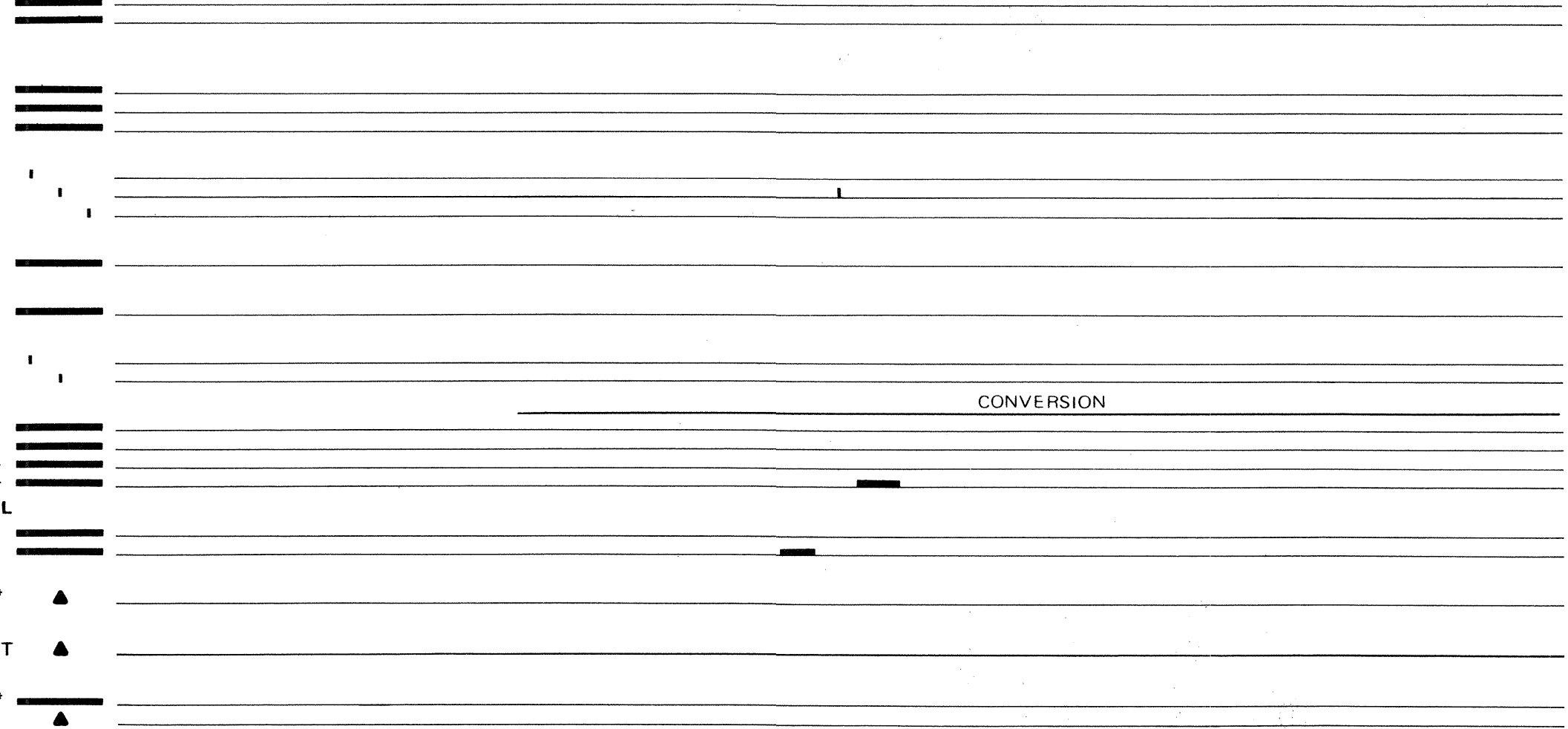
**SIGNALING & TRAFFIC CONTROL**  
UPGRADE  
REPLACE

**COMMUNICATIONS**  
TOWER LOCATION

**STATIONS**  
OPERATIONAL IMPROVEMENT

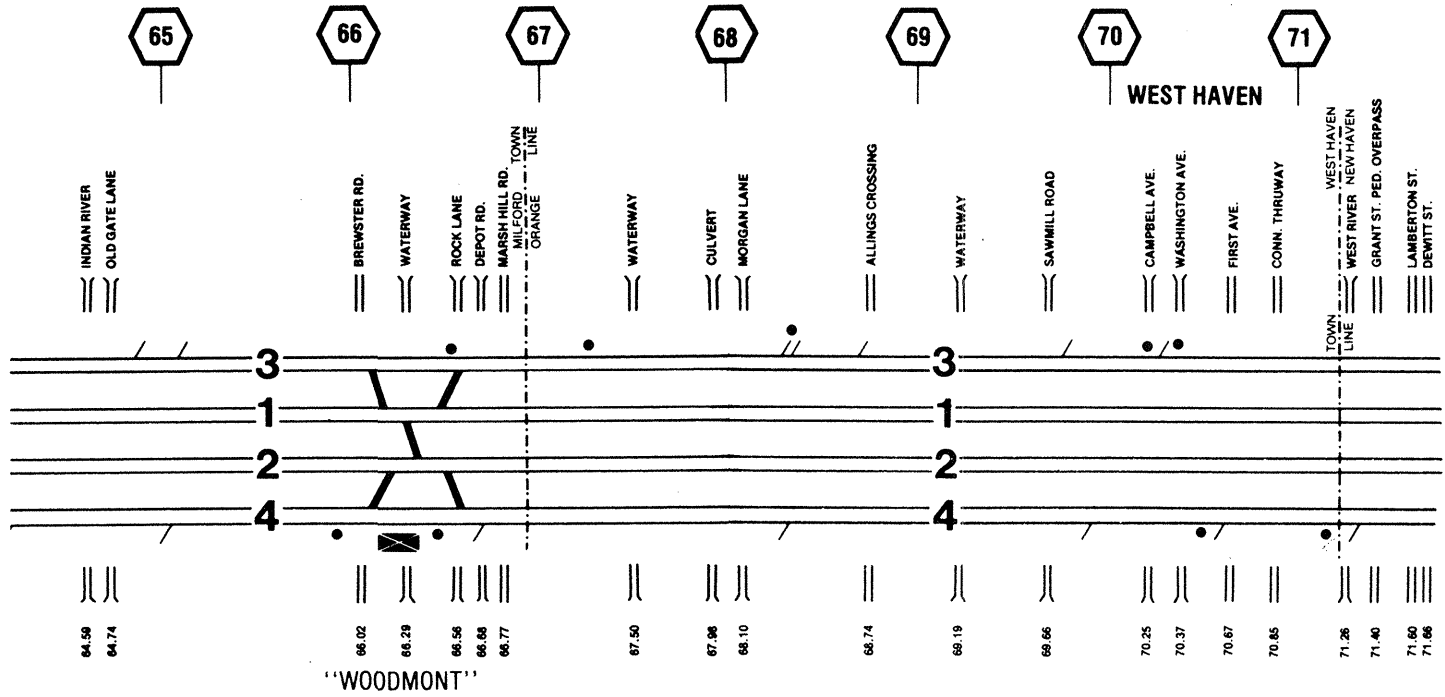
**MAINTENANCE FACILITIES**  
MOW BASE  
SHOP

**EXTENT & LOCATION  
(NUMBER)**

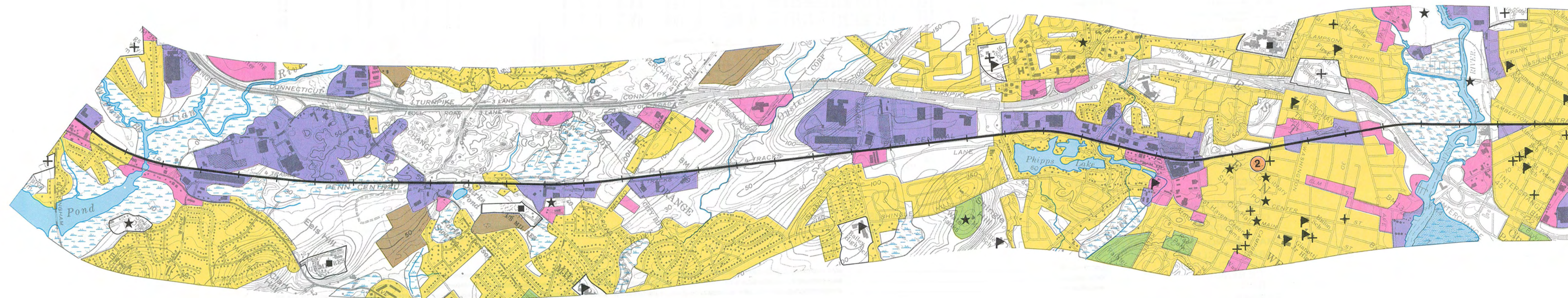


\* GENERALIZED LOCATION

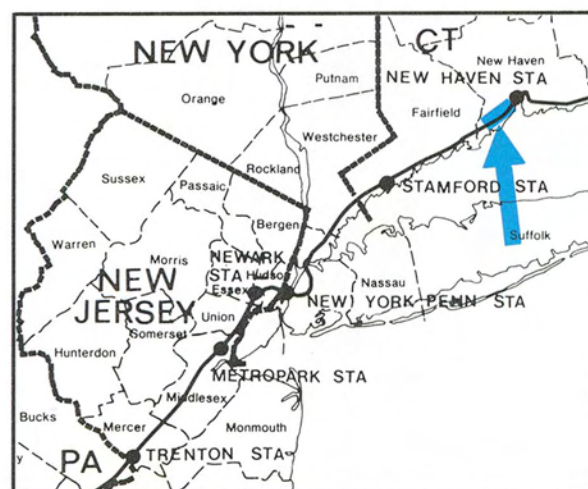
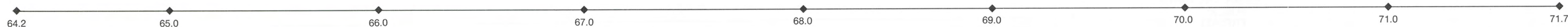
\*\* SITE TO BE LOCATED WITHIN AREA



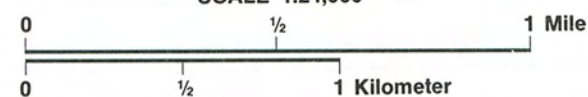




MILEPOSTS



SCALE 1:24,000



SOURCE: U.S. Geological Survey maps, 1966-1974; aerial photography, May and December, 1976; applicable local land use and zoning plans.

# LEGEND

- Residential
- Commercial/Retail
- Industrial
- Parks/Recreational
- Agriculture
- Undeveloped/Vacant

- Water Bodies
- Wetlands
- Shoreline and Streams
- Intermittent Streams
- Historical/Archeological Resources
- 1 National
- 2 State
- 3 Local

- Public Facility/Utility
- Educational Facility
- Religious Facility
- Institutional Facility
- Northeast Corridor

NORTHEAST CORRIDOR IMPROVEMENT PROJECT  
Federal Railroad Administration, Department of Transportation

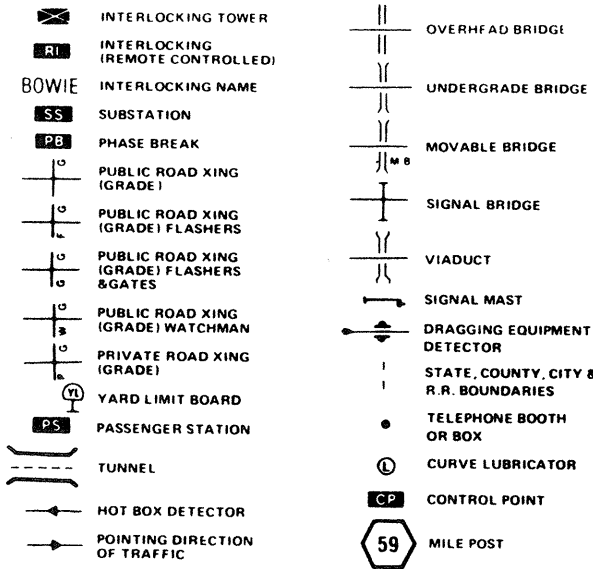
## ENVIRONMENTAL PLANNING FACTORS PROGRAMMATIC ENVIRONMENTAL IMPACT STATEMENT

JULY 1977

FIGURE A-39

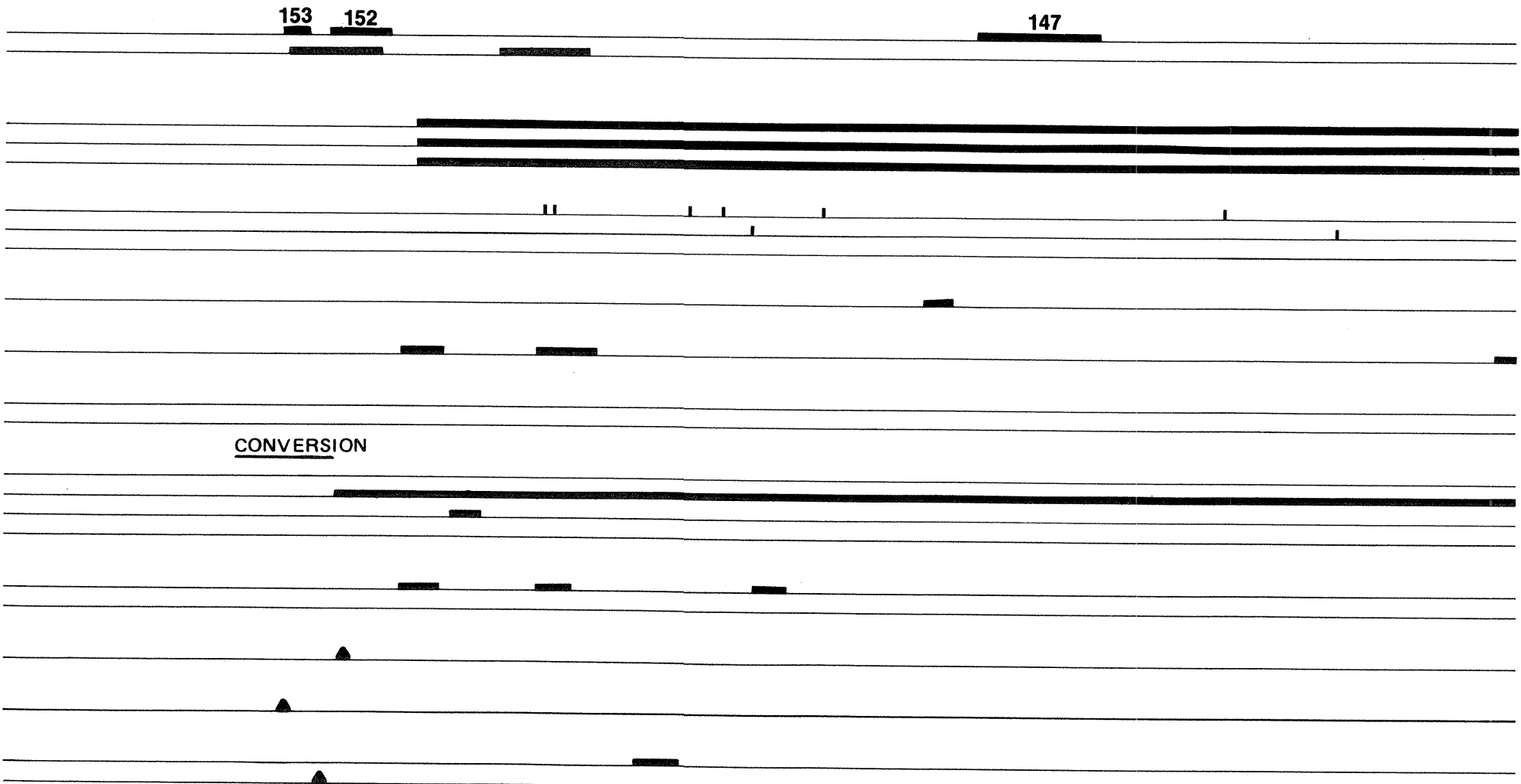


PROJECT ACTIVITIES  
BY LOCATION  
PROPOSED AS OF APRIL 1978

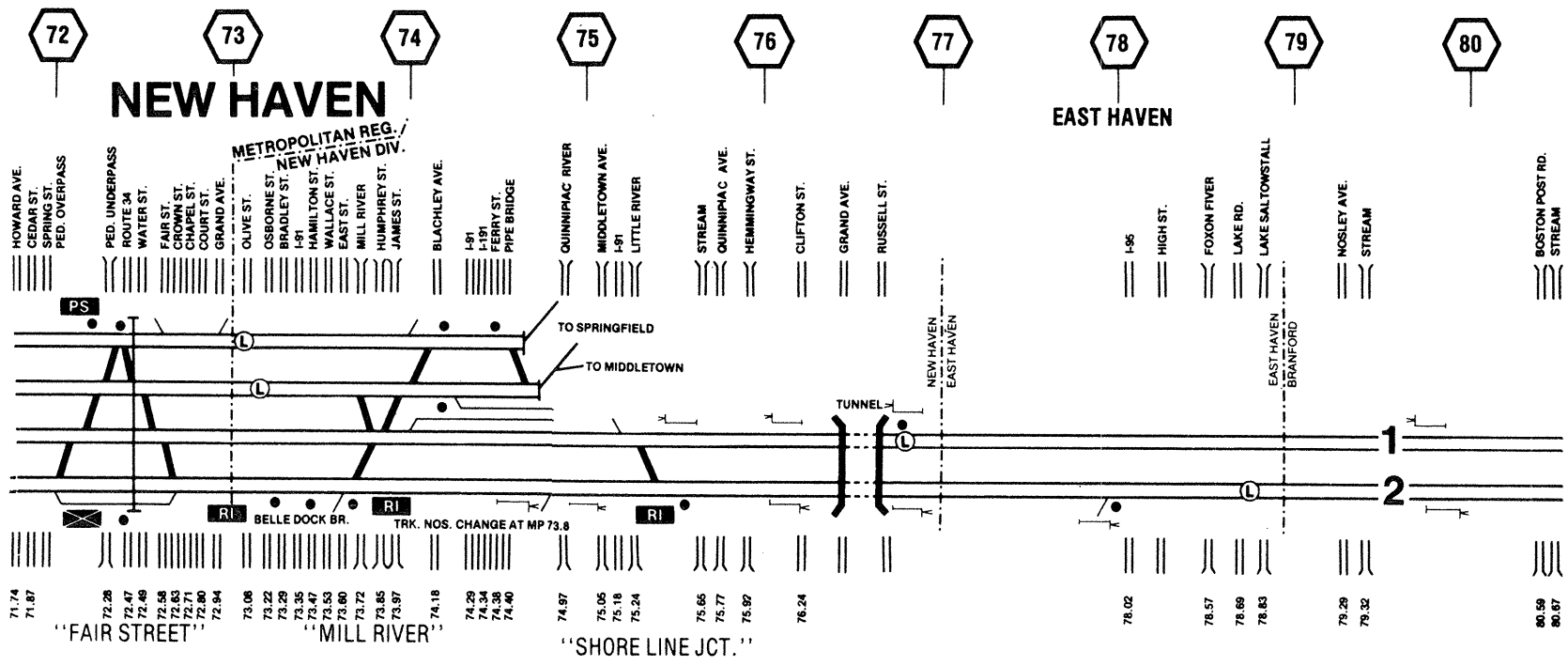


PROJECT	
ROUTE REALIGNMENT	
CURVE REALIGNMENT	
INTERLOCKINGS REPLACED	
TRACK IMPROVEMENTS	
BALLAST CLEANING/ UNDERCUTTING	
TIE RENEWAL	
RAIL	
BRIDGES	
REPAIR (UG)	
REPLACE (UG)	
MODIFY CLEARANCE (OH)	
TUNNELS	
LIMITS	
FENCING	
LIMITS	
GRADE CROSSINGS	
PUBLIC	
PRIVATE	
ELECTRIFICATION	
REHABILITATE	
NEW	
SUBSTATION	*
SWITCHING STATION	*
SIGNALING & TRAFFIC CONTROL	
UPGRADE	
REPLACE	
COMMUNICATIONS	
TOWER LOCATION	*
STATIONS	
OPERATIONAL IMPROVEMENT	
MAINTENANCE FACILITIES	
MOW BASE	**
SHOP	

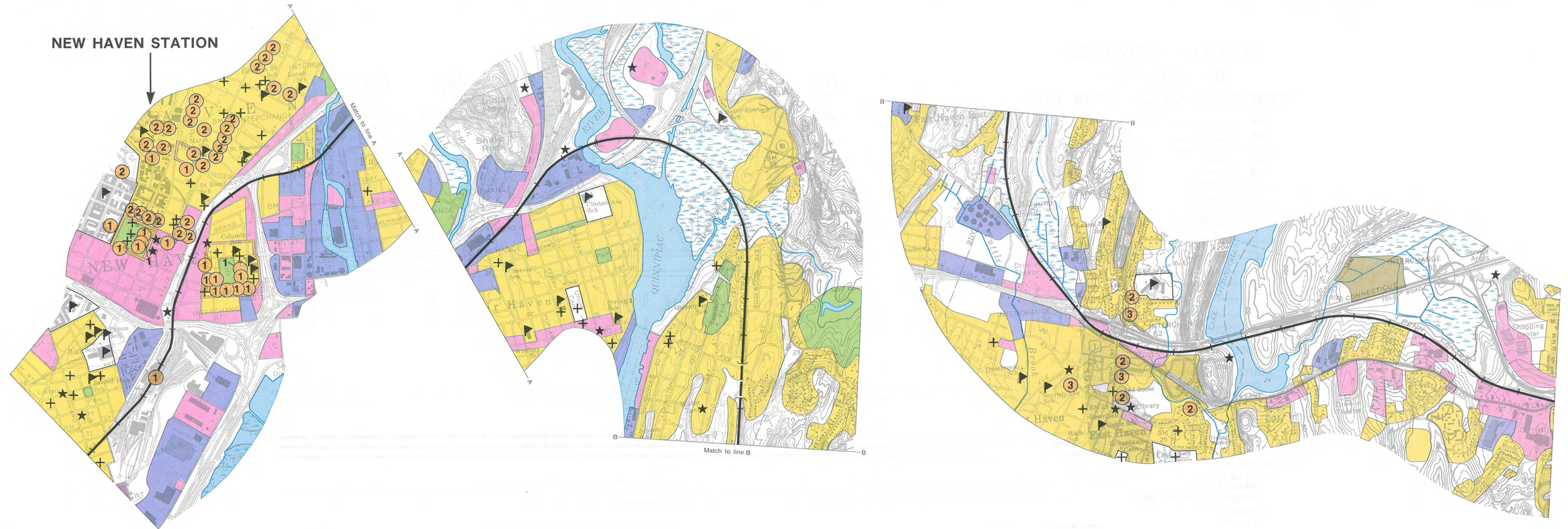
EXTENT &  
LOCATION  
(NUMBER)



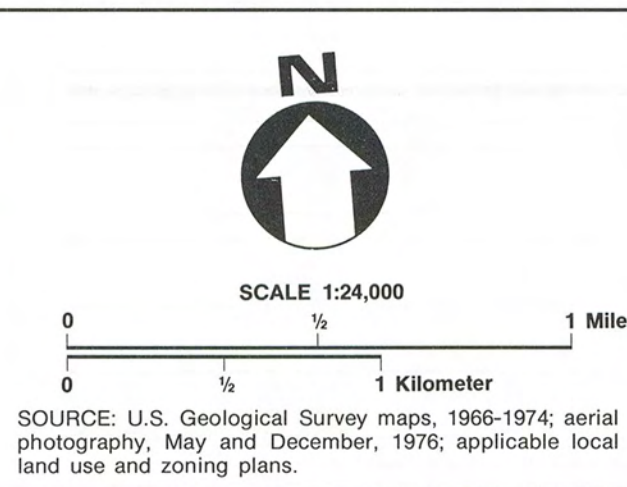
\* GENERALIZED LOCATION      \*\* SITE TO BE LOCATED WITHIN AREA







MILEPOSTS



SOURCE: U.S. Geological Survey maps, 1966-1974; aerial photography, May and December, 1976; applicable local land use and zoning plans.



NORTHEAST CORRIDOR IMPROVEMENT PROJECT  
Federal Railroad Administration, Department of Transportation

## ENVIRONMENTAL PLANNING FACTORS

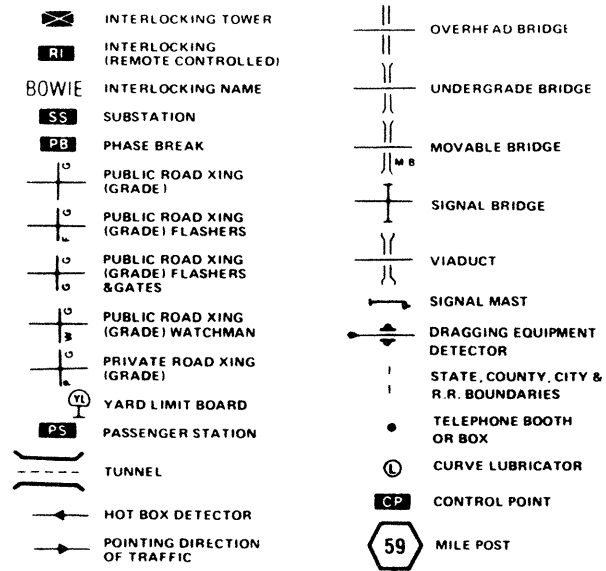
### PROGRAMMATIC ENVIRONMENTAL IMPACT STATEMENT

JULY 1977

FIGURE A-40

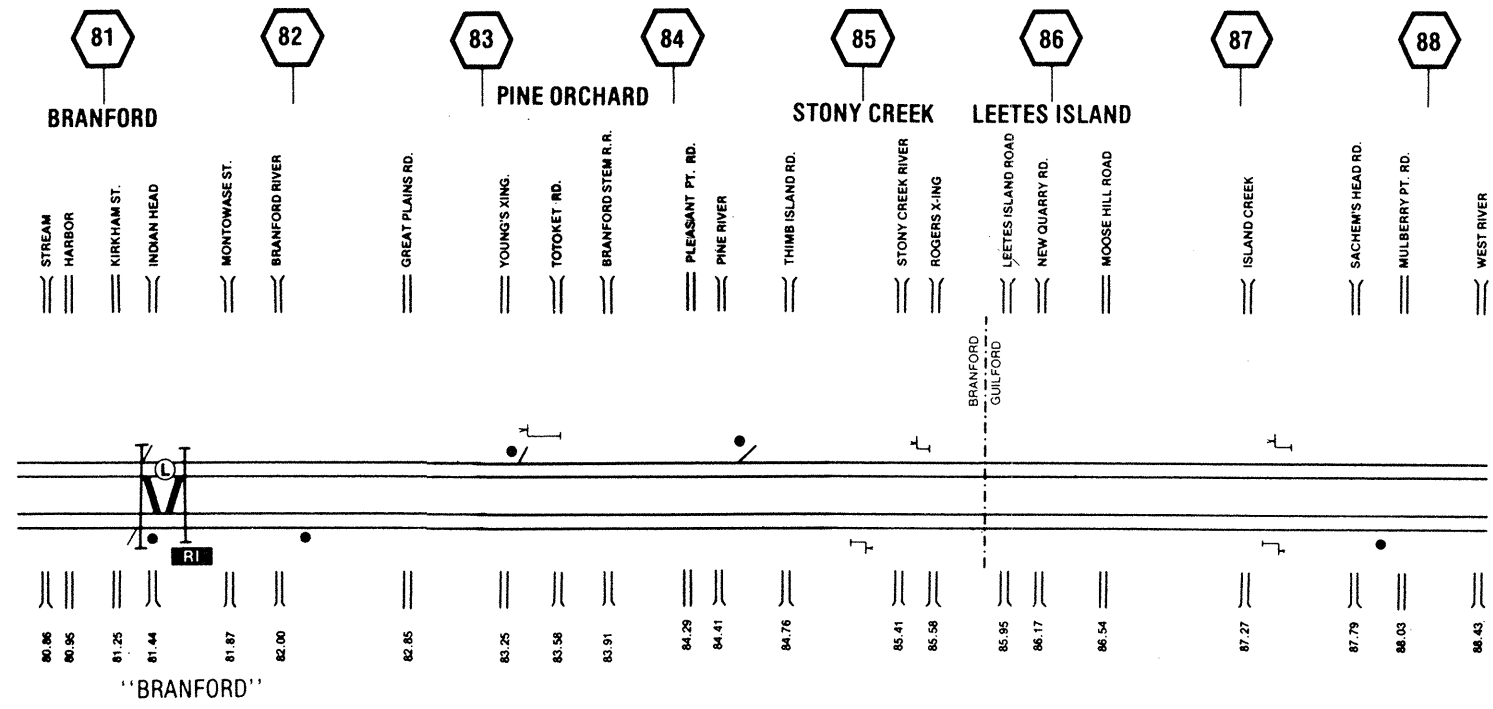
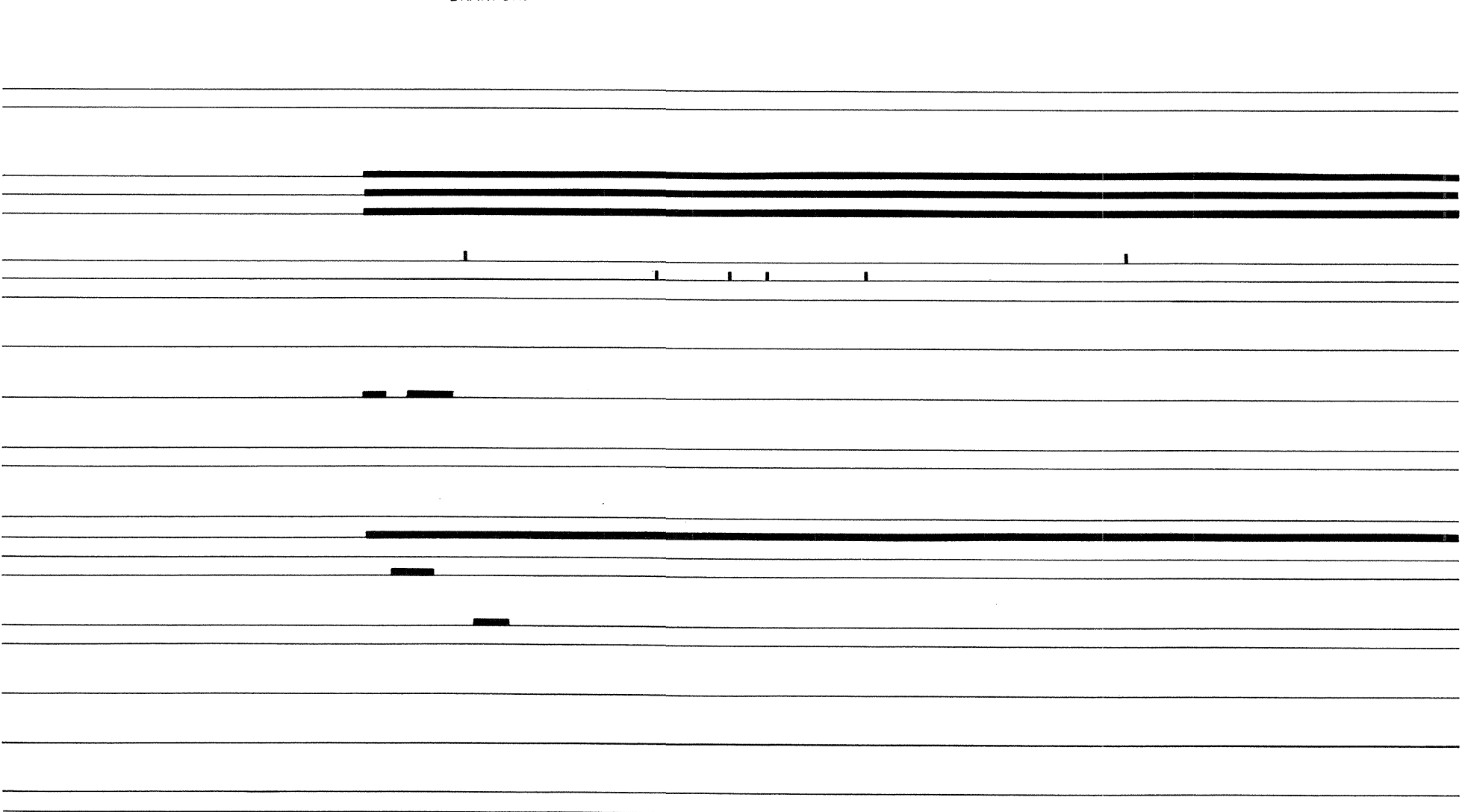


PROJECT ACTIVITIES  
BY LOCATION  
PROPOSED AS OF APRIL 1978



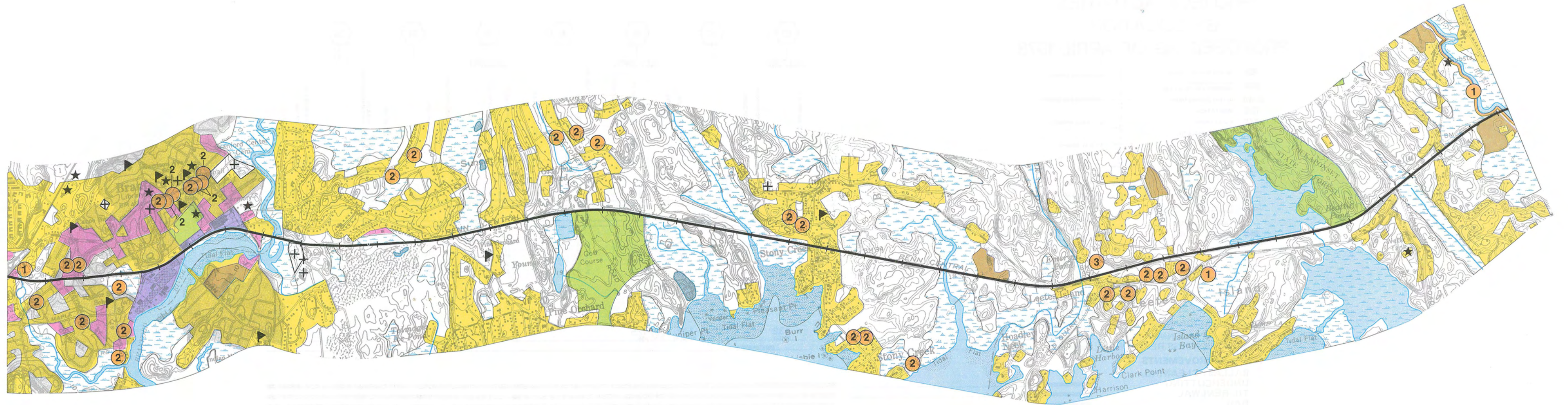
PROJECT	
ROUTE REALIGNMENT	
CURVE REALIGNMENT	
INTERLOCKINGS REPLACED	
TRACK IMPROVEMENTS	
BALLAST CLEANING/ UNDERCUTTING	
TIE RENEWAL	
RAIL	
BRIDGES	
REPAIR (UG)	
REPLACE (UG)	
MODIFY CLEARANCE (OH)	
TUNNELS	
LIMITS	
FENCING	
LIMITS	
GRADE CROSSINGS	
PUBLIC	
PRIVATE	
ELECTRIFICATION	
REHABILITATE	
NEW	
SUBSTATION	*
SWITCHING STATION	*
SIGNALING & TRAFFIC CONTROL	
UPGRADE	
REPLACE	
COMMUNICATIONS	
TOWER LOCATION	*
STATIONS	
OPERATIONAL IMPROVEMENT	
MAINTENANCE FACILITIES	
MOW BASE	**
SHOP	

EXTENT & LOCATION  
(NUMBER)

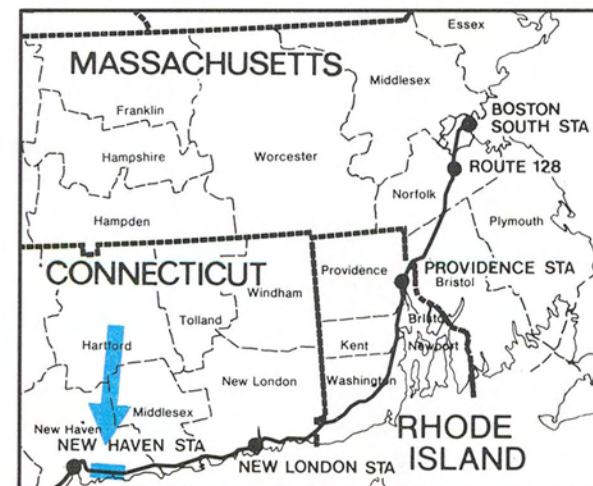


\* GENERALIZED LOCATION      \*\* SITE TO BE LOCATED WITHIN AREA

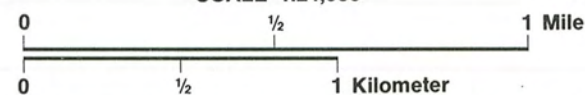




MILEPOSTS



SCALE 1:24,000



SOURCE: U.S. Geological Survey maps, 1966-1974; aerial photography, May and December, 1976; applicable local land use and zoning plans.

#### LEGEND

- Residential
- Commercial/Retail
- Industrial
- Parks/Recreational
- Agriculture
- Undeveloped/Vacant

- Water Bodies
- Wetlands
- Shoreline and Streams
- Intermittent Streams
- Historical/Archeological Resources
  - 1 National
  - 2 State
  - 3 Local

- Public Facility/Utility
- Educational Facility
- Religious Facility
- Institutional Facility
- Northeast Corridor

NORTHEAST CORRIDOR IMPROVEMENT PROJECT  
Federal Railroad Administration, Department of Transportation

## ENVIRONMENTAL PLANNING FACTORS

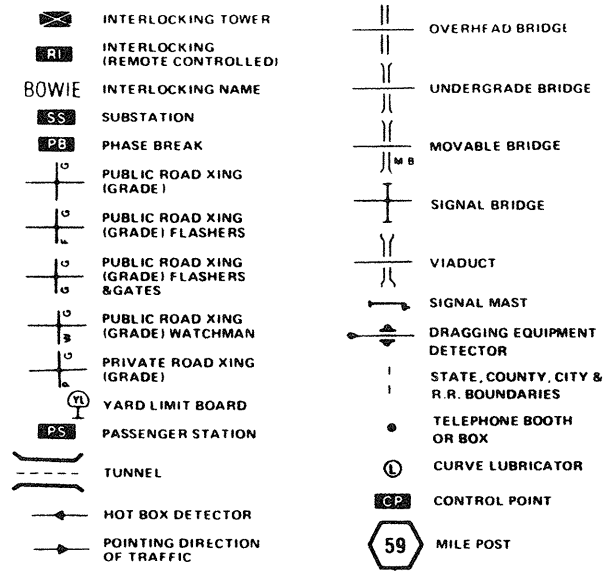
### PROGRAMMATIC ENVIRONMENTAL IMPACT STATEMENT

JULY 1977

FIGURE A-41



PROJECT ACTIVITIES  
BY LOCATION  
PROPOSED AS OF APRIL 1978



PROJECT

ROUTE REALIGNMENT

CURVE REALIGNMENT  
INTERLOCKINGS REPLACED

TRACK IMPROVEMENTS

BALLAST CLEANING/  
UNDERCUTTING  
TIE RENEWAL  
RAIL

BRIDGES

REPAIR (UG)  
REPLACE (UG)  
MODIFY CLEARANCE (OH)

TUNNELS

LIMITS

FENCING

LIMITS

GRADE CROSSINGS

PUBLIC  
PRIVATE

ELECTRIFICATION

REHABILITATE  
NEW  
SUBSTATION  
SWITCHING STATION

SIGNALING & TRAFFIC CONTROL

UPGRADE  
REPLACE

COMMUNICATIONS

TOWER LOCATION

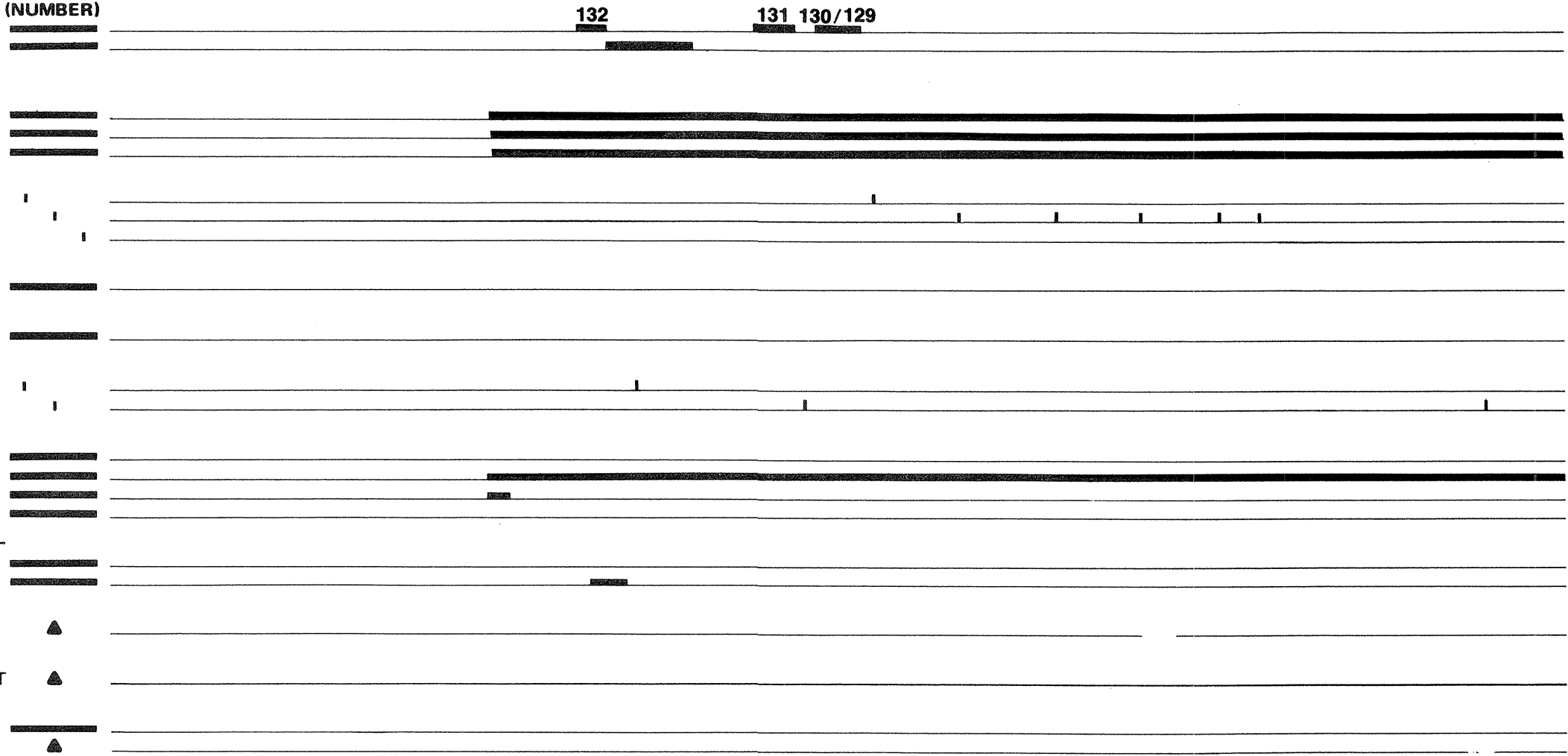
STATIONS

OPERATIONAL IMPROVEMENT

MAINTENANCE FACILITIES

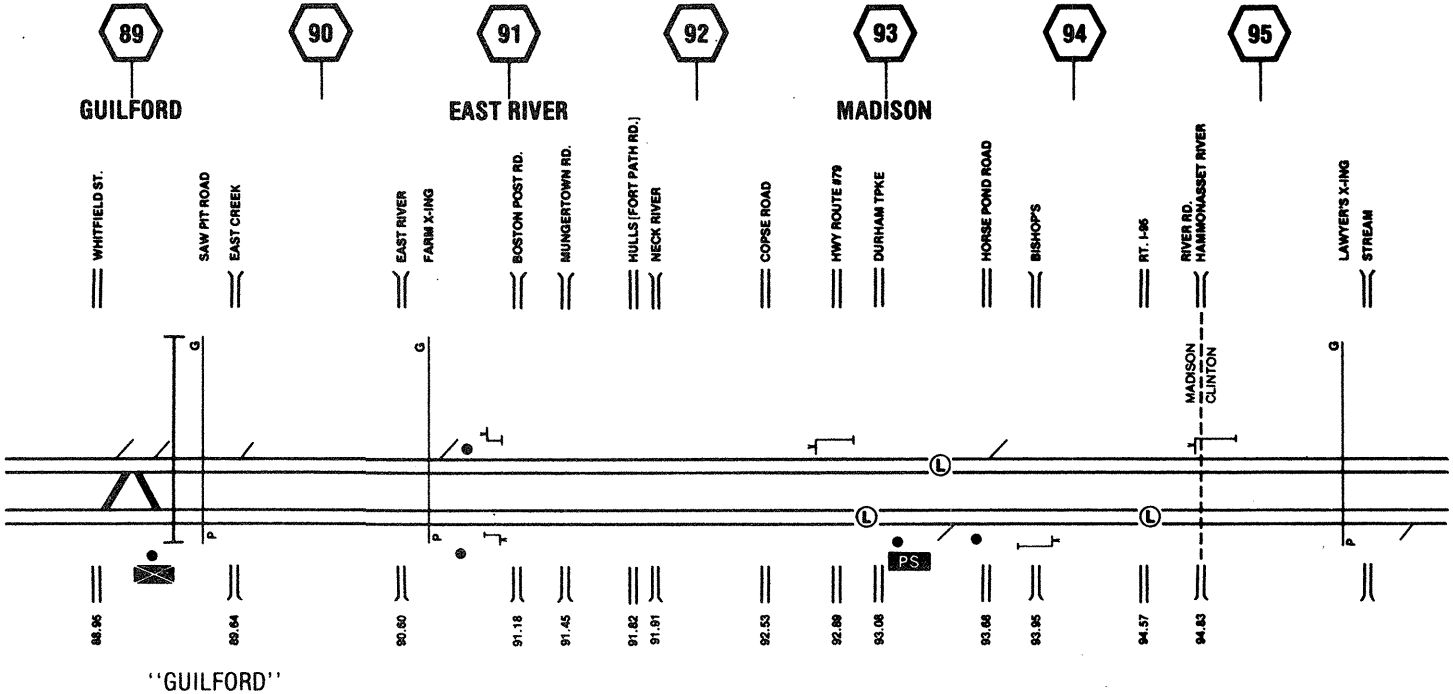
MOW BASE  
SHOP

EXTENT &  
LOCATION  
(NUMBER)

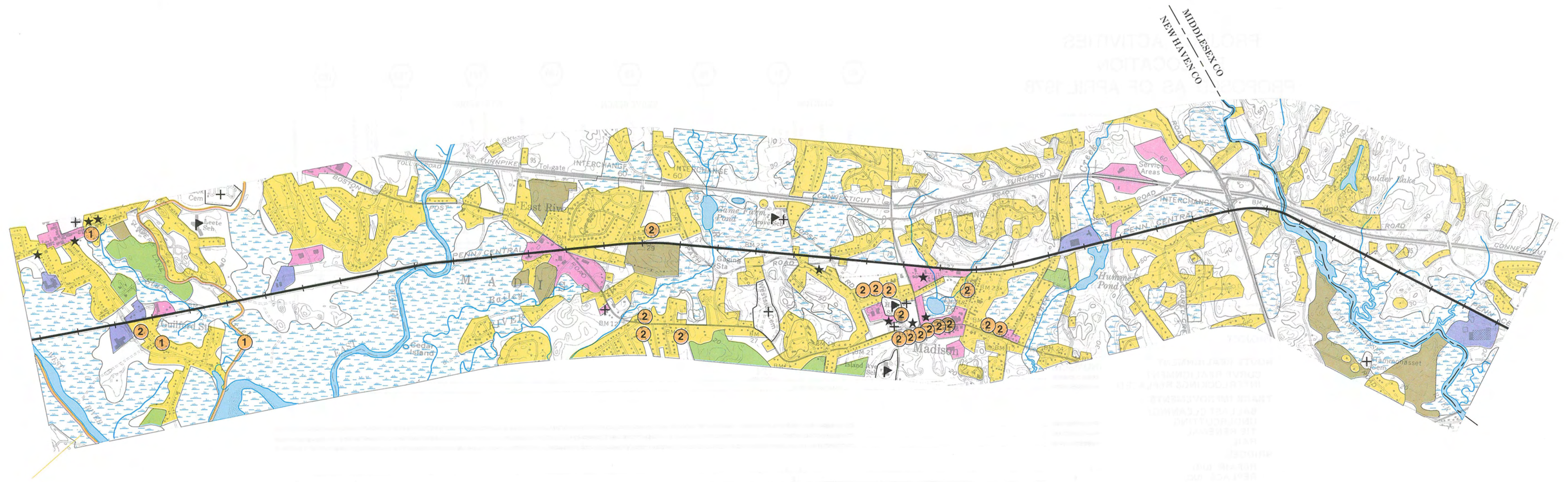


\* GENERALIZED LOCATION

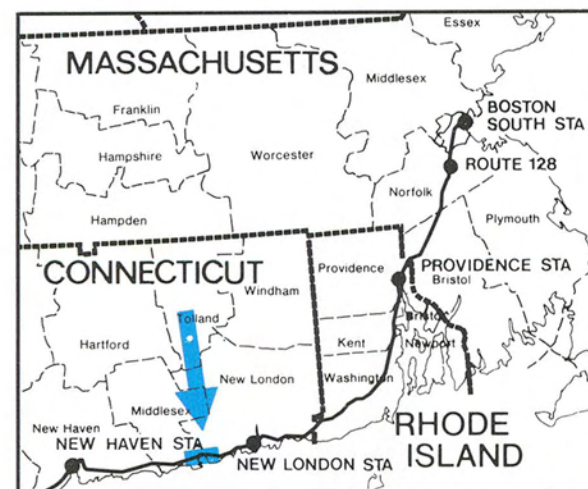
\*\* SITE TO BE LOCATED WITHIN AREA



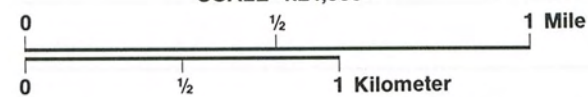




MILEPOSTS



SCALE 1:24,000



SOURCE: U.S. Geological Survey maps, 1966-1974; aerial photography, May and December, 1976; applicable local land use and zoning plans.

# LEGEND

- Residential
- Commercial/Retail
- Industrial
- Parks/Recreational
- Agriculture
- Undeveloped/Vacant

- Water Bodies
- Wetlands
- Shoreline and Streams
- Intermittent Streams
- Historical/Archeological Resources
- 1 National
- 2 State
- 3 Local

- Public Facility/Utility
- Educational Facility
- Religious Facility
- Institutional Facility
- Northeast Corridor

NORTHEAST CORRIDOR IMPROVEMENT PROJECT  
Federal Railroad Administration, Department of Transportation

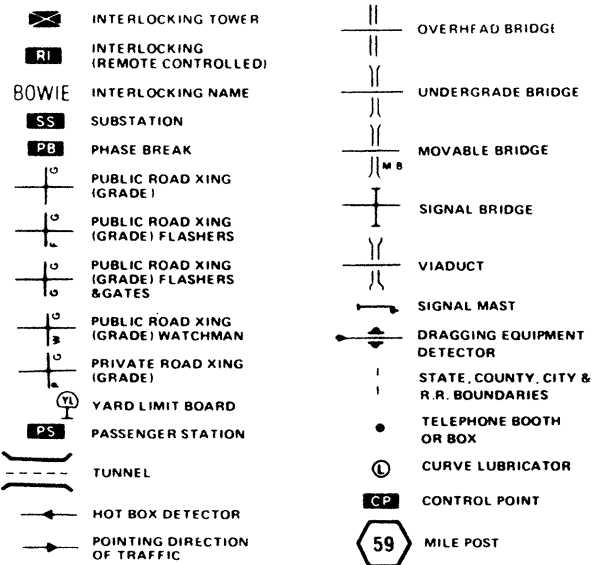
## ENVIRONMENTAL PLANNING FACTORS PROGRAMMATIC ENVIRONMENTAL IMPACT STATEMENT

JULY 1977

FIGURE A-42



PROJECT ACTIVITIES  
BY LOCATION  
PROPOSED AS OF APRIL 1978



PROJECT

ROUTE REALIGNMENT

CURVE REALIGNMENT  
INTERLOCKINGS REPLACED

TRACK IMPROVEMENTS

BALLAST CLEANING/  
UNDERCUTTING  
TIE RENEWAL  
RAIL

BRIDGES

REPAIR (UG)  
REPLACE (UG)  
MODIFY CLEARANCE (OH)

TUNNELS

LIMITS

FENCING

LIMITS

GRADE CROSSINGS

PUBLIC  
PRIVATE

ELECTRIFICATION

REHABILITATE  
NEW  
SUBSTATION  
SWITCHING STATION

SIGNALING & TRAFFIC CONTROL

UPGRADE  
REPLACE

COMMUNICATIONS

TOWER LOCATION

STATIONS

OPERATIONAL IMPROVEMENT

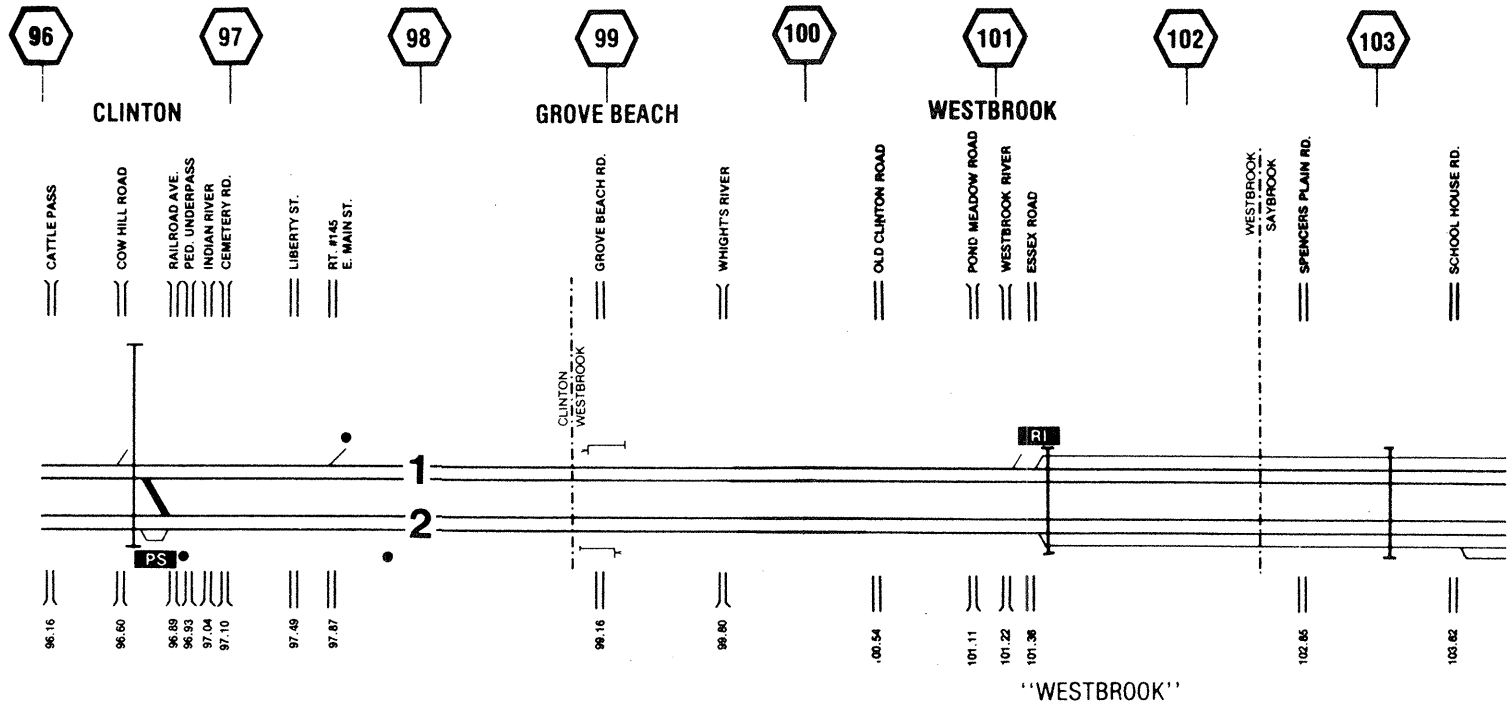
MAINTENANCE FACILITIES

MOW BASE  
SHOP

EXTENT & LOCATION

(NUMBER)

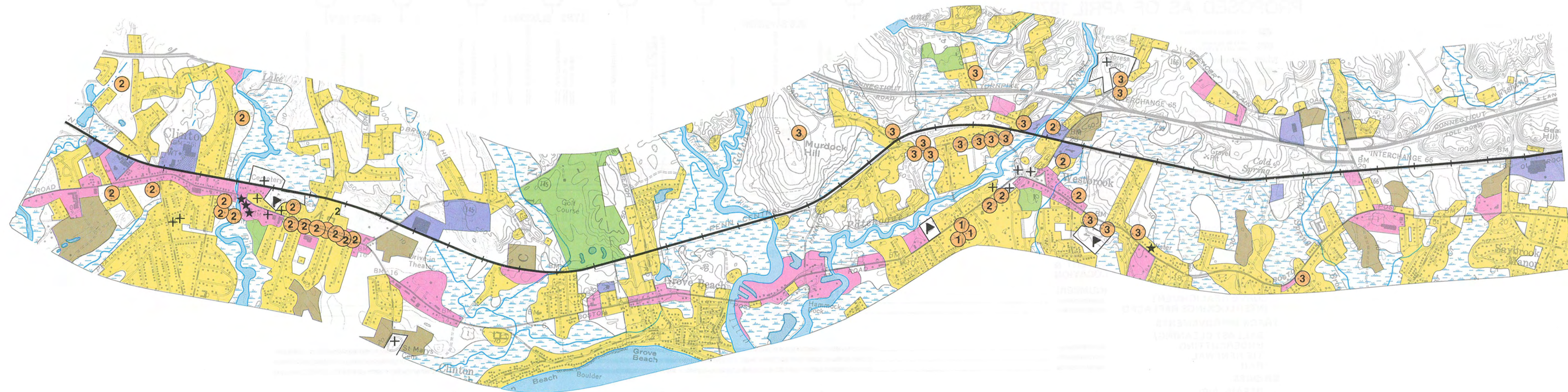
124



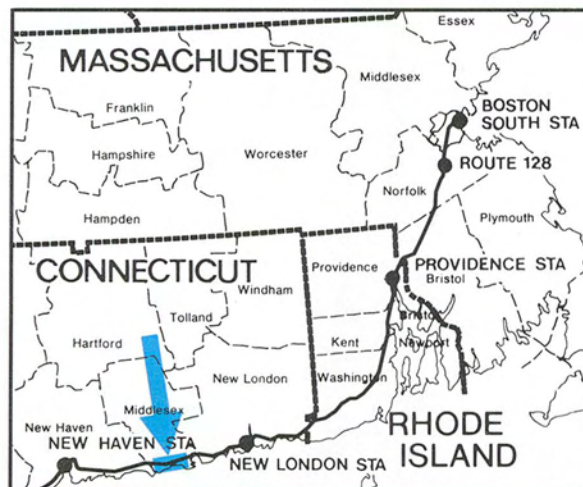
\* GENERALIZED LOCATION

\*\* SITE TO BE LOCATED WITHIN AREA

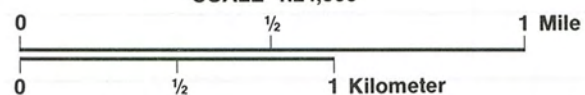




MILEPOSTS



SCALE 1:24,000



SOURCE: U.S. Geological Survey maps, 1966-1974; aerial photography, May and December, 1976; applicable local land use and zoning plans.

# LEGEND

- Residential
- Commercial/Retail
- Industrial
- Parks/Recreational
- Agriculture
- Undeveloped/Vacant

- Water Bodies
- Wetlands
- Shoreline and Streams
- Intermittent Streams
- Historical/Archeological Resources
- 1 National
- 2 State
- 3 Local

- Public Facility/Utility
- Educational Facility
- Religious Facility
- Institutional Facility
- Northeast Corridor

NORTHEAST CORRIDOR IMPROVEMENT PROJECT  
Federal Railroad Administration, Department of Transportation

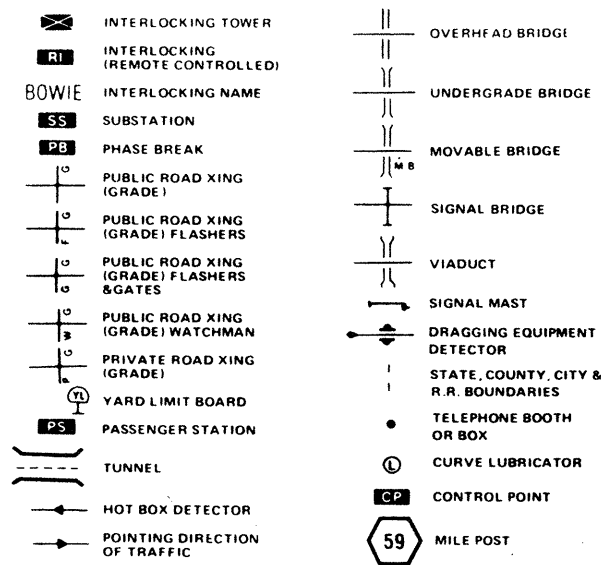
## ENVIRONMENTAL PLANNING FACTORS PROGRAMMATIC ENVIRONMENTAL IMPACT STATEMENT

JULY 1977

FIGURE A-43



PROJECT ACTIVITIES  
BY LOCATION  
PROPOSED AS OF APRIL 1978



**PROJECT**

**ROUTE REALIGNMENT**  
CURVE REALIGNMENT  
INTERLOCKINGS REPLACED

**TRACK IMPROVEMENTS**

BALLAST CLEANING/  
UNDERCUTTING  
TIE RENEWAL  
RAIL

**BRIDGES**

REPAIR (UG)  
REPLACE (UG)  
MODIFY CLEARANCE (OH)

**TUNNELS**

LIMITS

**FENCING**

LIMITS

**GRADE CROSSINGS**

PUBLIC  
PRIVATE

**ELECTRIFICATION**

REHABILITATE  
NEW  
SUBSTATION  
SWITCHING STATION

**SIGNALING & TRAFFIC CONTROL**

UPGRADE  
REPLACE

**COMMUNICATIONS**

TOWER LOCATION

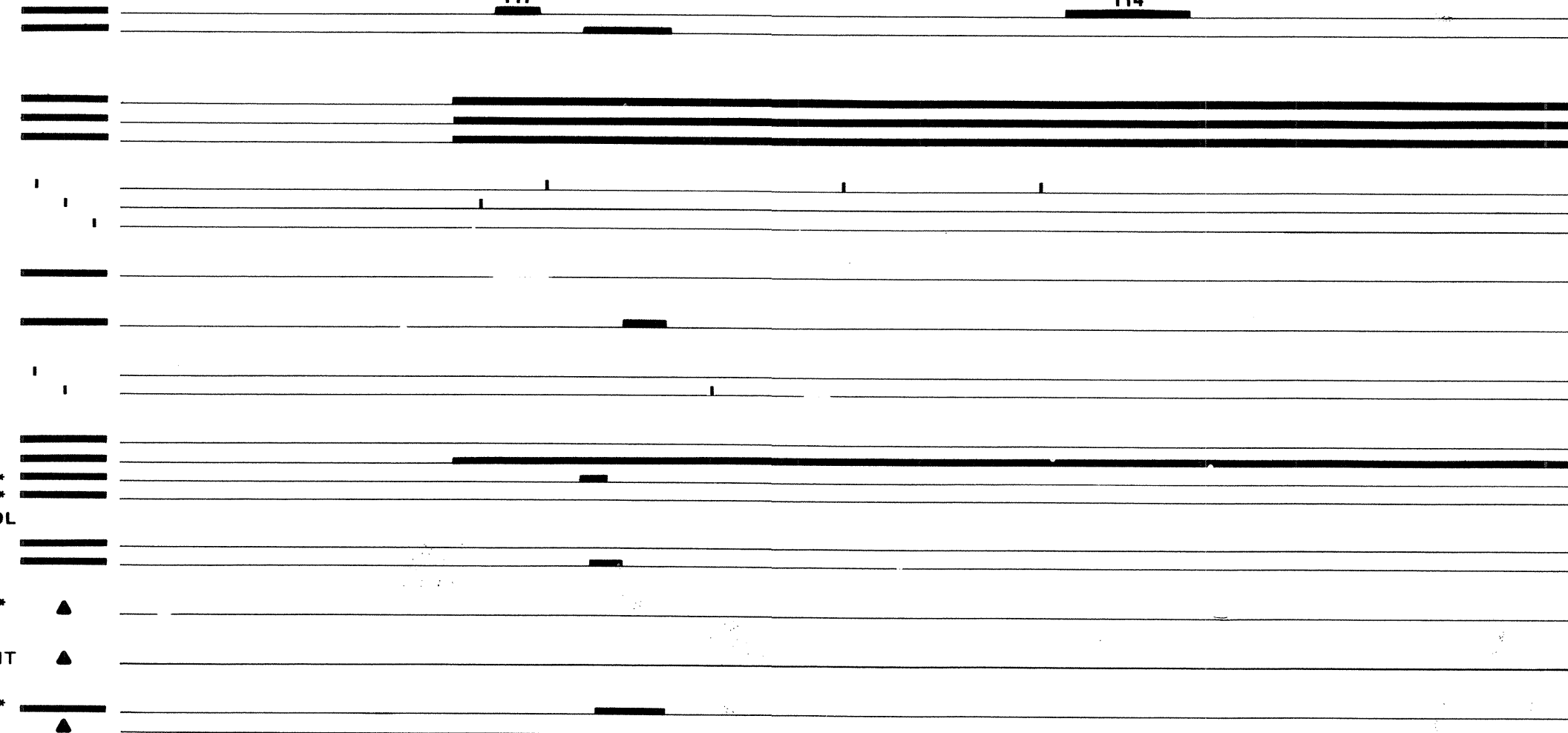
**STATIONS**

OPERATIONAL IMPROVEMENT

**MAINTENANCE FACILITIES**

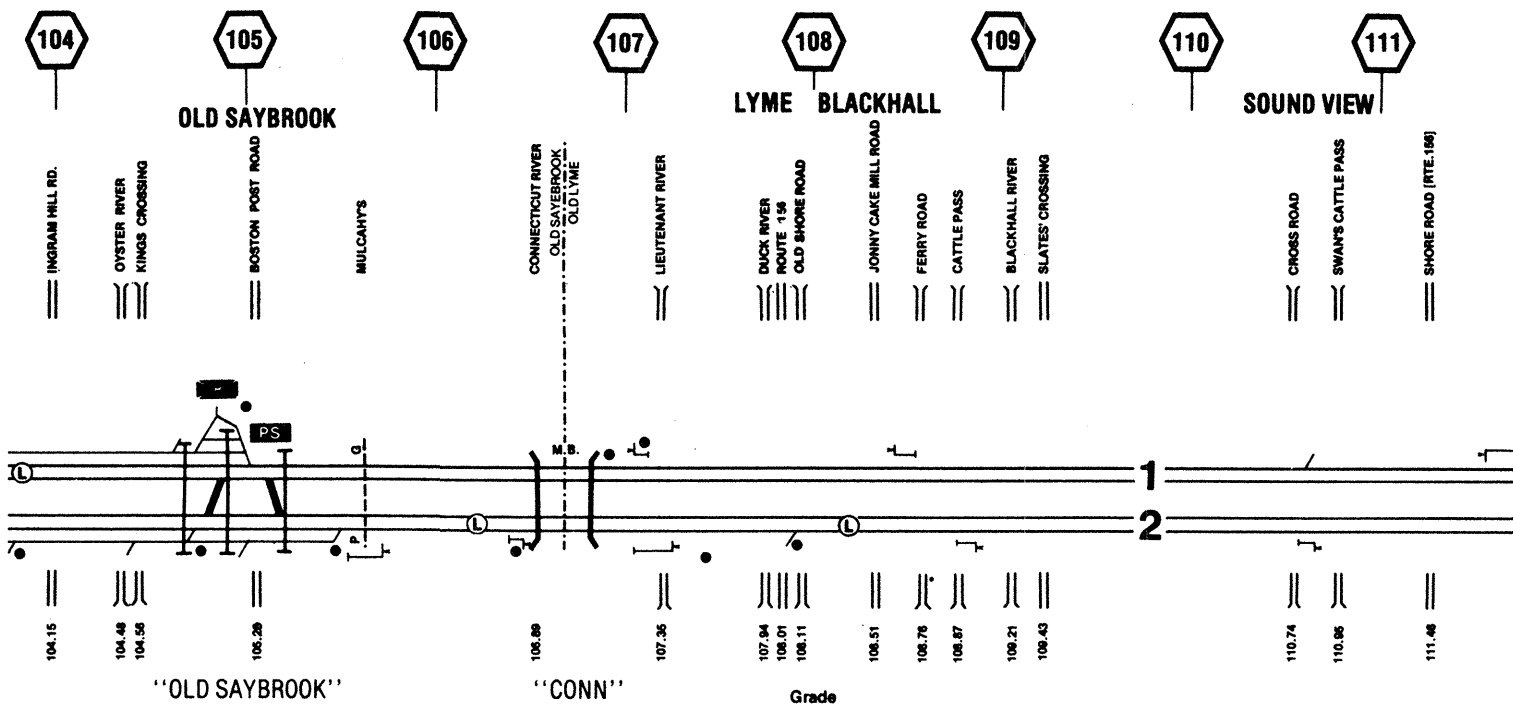
MOW BASE  
SHOP

**EXTENT & LOCATION (NUMBER)**



\* GENERALIZED LOCATION

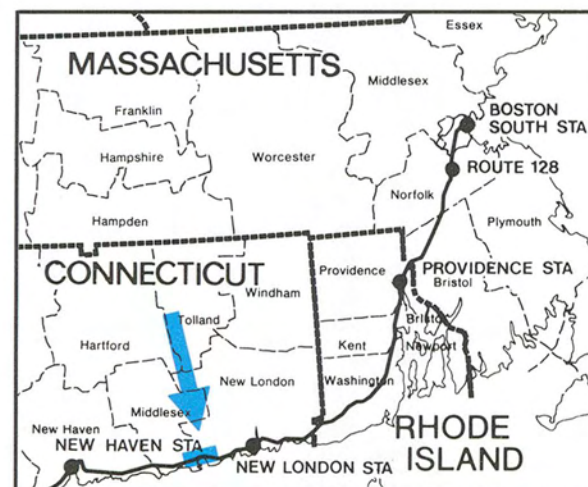
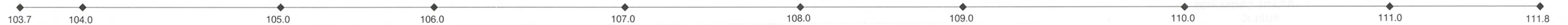
\*\* SITE TO BE LOCATED WITHIN AREA



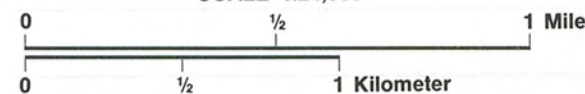




MILEPOSTS



SCALE 1:24,000



SOURCE: U.S. Geological Survey maps, 1966-1974; aerial photography, May and December, 1976; applicable local land use and zoning plans.

# LEGEND

- Residential
- Commercial/Retail
- Industrial
- Parks/Recreational
- Agriculture
- Undeveloped/Vacant

- Water Bodies
- Wetlands
- Shoreline and Streams
- Intermittent Streams
- Historical/Archeological Resources
- National
- State
- Local

- Public Facility/Utility
- Educational Facility
- Religious Facility
- Institutional Facility
- Northeast Corridor

NORTHEAST CORRIDOR IMPROVEMENT PROJECT  
Federal Railroad Administration, Department of Transportation

## ENVIRONMENTAL PLANNING FACTORS

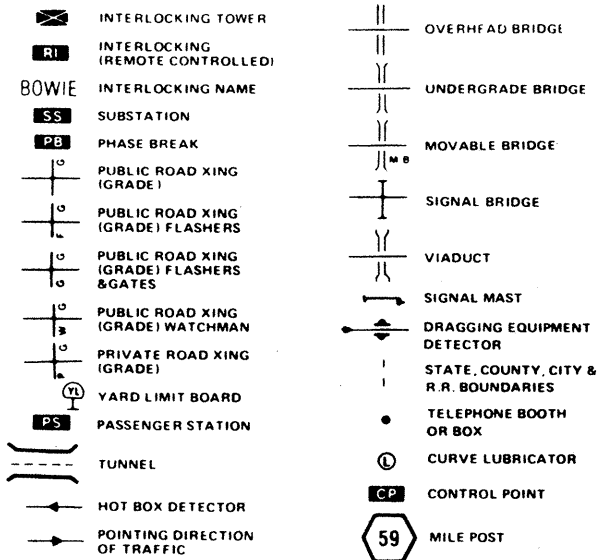
### PROGRAMMATIC ENVIRONMENTAL IMPACT STATEMENT

JULY 1977

FIGURE A-44



PROJECT ACTIVITIES  
BY LOCATION  
PROPOSED AS OF APRIL 1978



PROJECT

ROUTE REALIGNMENT  
CURVE REALIGNMENT  
INTERLOCKINGS REPLACED

TRACK IMPROVEMENTS  
BALLAST CLEANING/  
UNDERCUTTING  
TIE RENEWAL  
RAIL

BRIDGES  
REPAIR (UG)  
REPLACE (UG)  
MODIFY CLEARANCE (OH)

TUNNELS  
LIMITS

FENCING  
LIMITS

GRADE CROSSINGS  
PUBLIC  
PRIVATE

ELECTRIFICATION  
REHABILITATE  
NEW  
SUBSTATION  
SWITCHING STATION

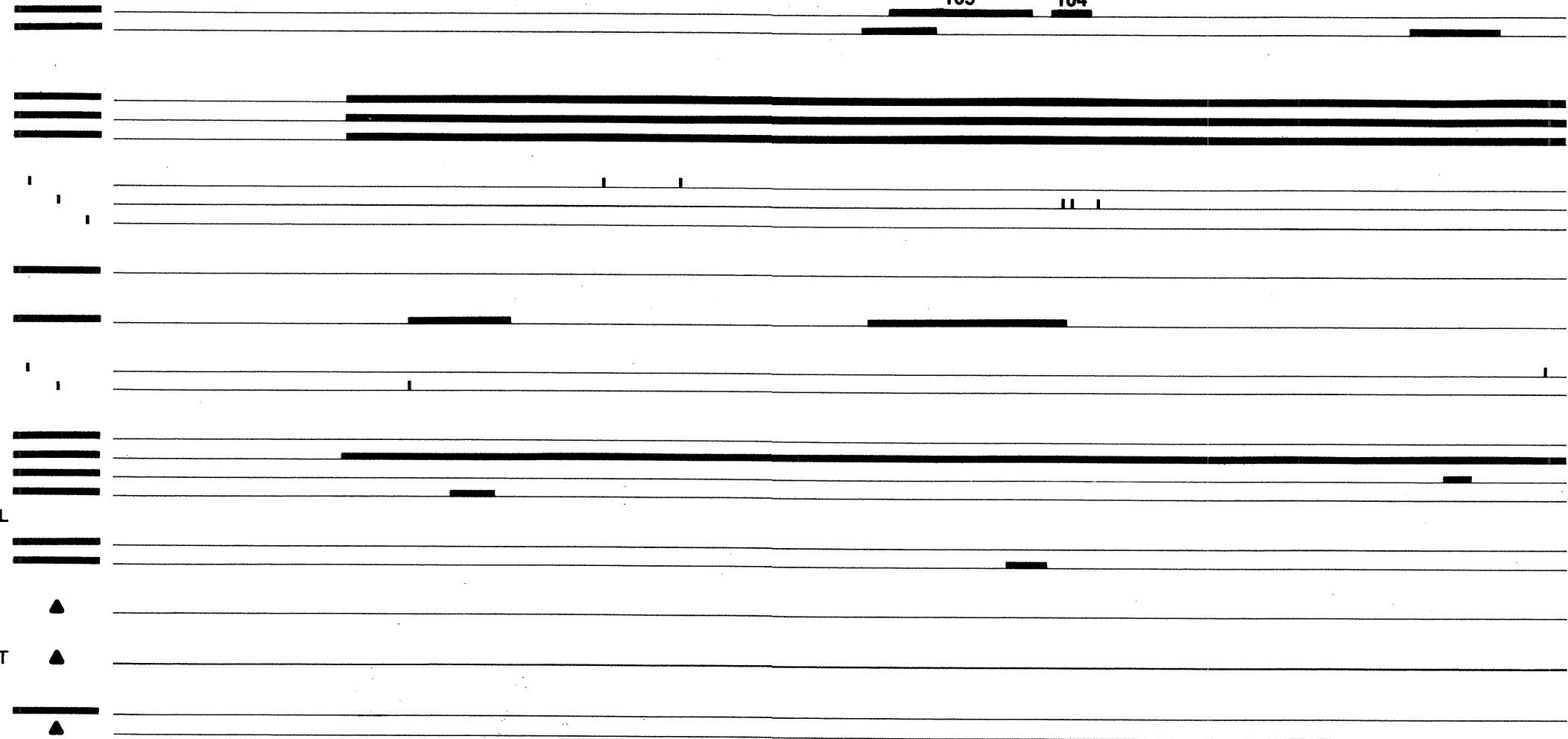
SIGNALING & TRAFFIC CONTROL  
UPGRADE  
REPLACE

COMMUNICATIONS  
TOWER LOCATION

STATIONS  
OPERATIONAL IMPROVEMENT

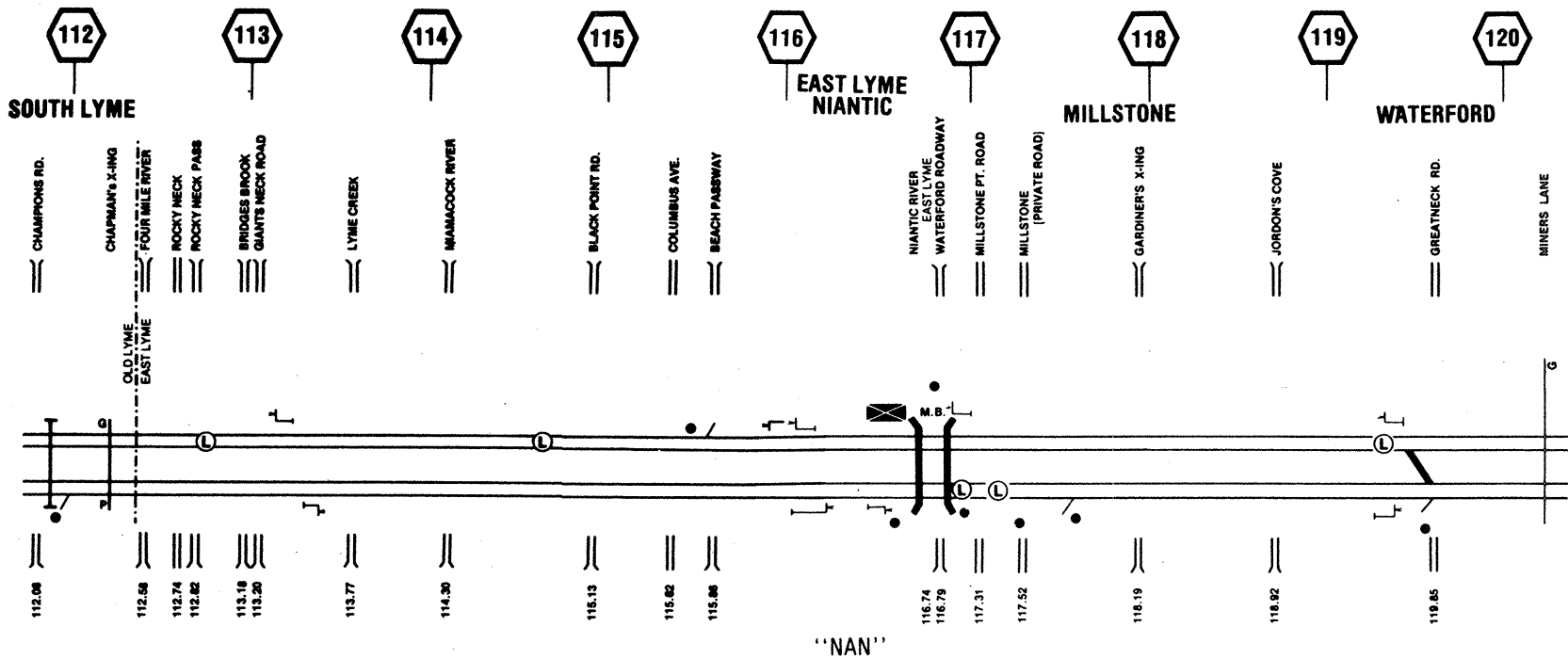
MAINTENANCE FACILITIES  
MOW BASE  
SHOP

EXTENT &  
LOCATION  
(NUMBER)

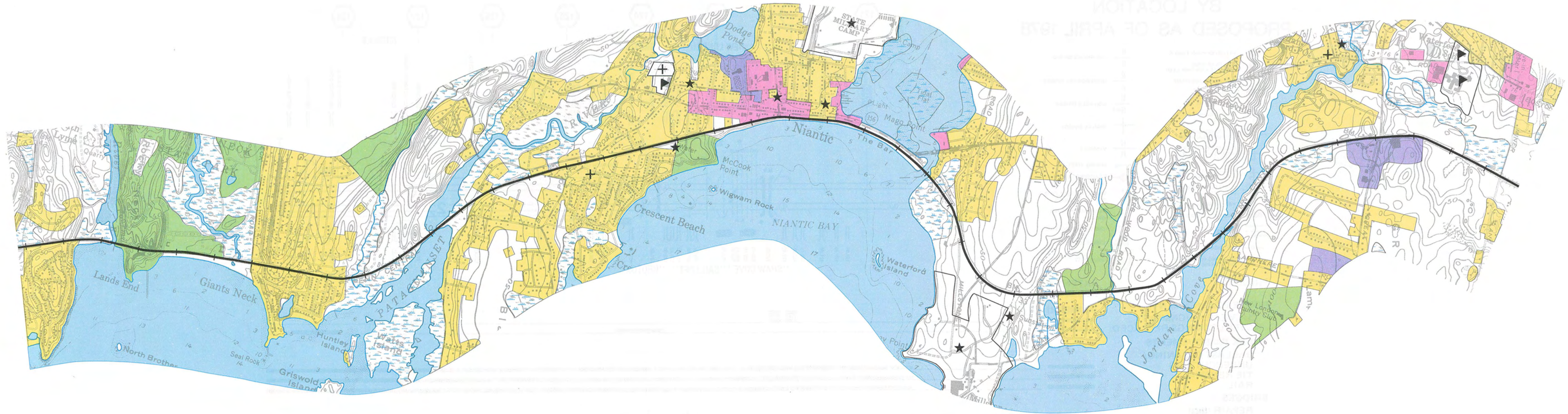


\* GENERALIZED LOCATION

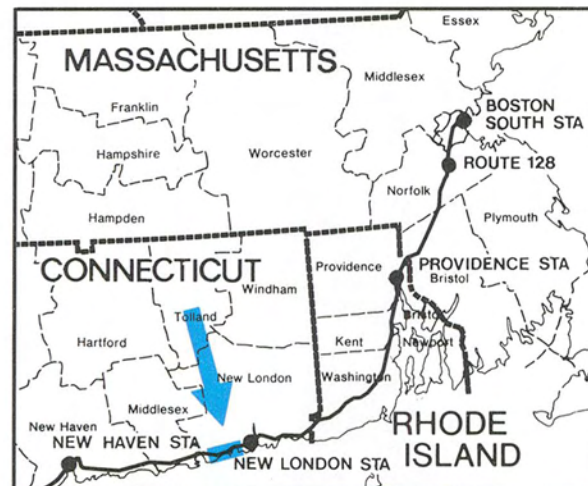
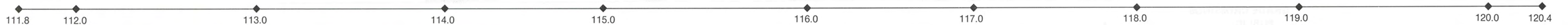
\*\* SITE TO BE LOCATED WITHIN AREA



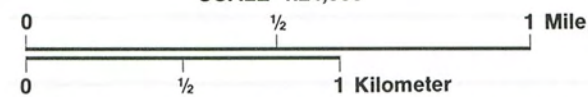




MILEPOSTS

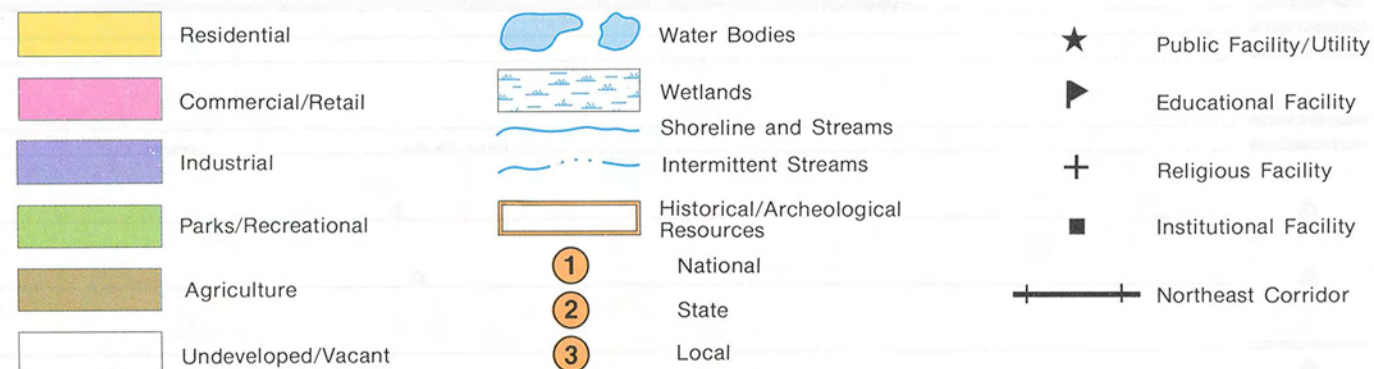


SCALE 1:24,000



SOURCE: U.S. Geological Survey maps, 1966-1974; aerial photography, May and December, 1976; applicable local land use and zoning plans.

#### LEGEND



#### NORTHEAST CORRIDOR IMPROVEMENT PROJECT

Federal Railroad Administration, Department of Transportation

### ENVIRONMENTAL PLANNING FACTORS

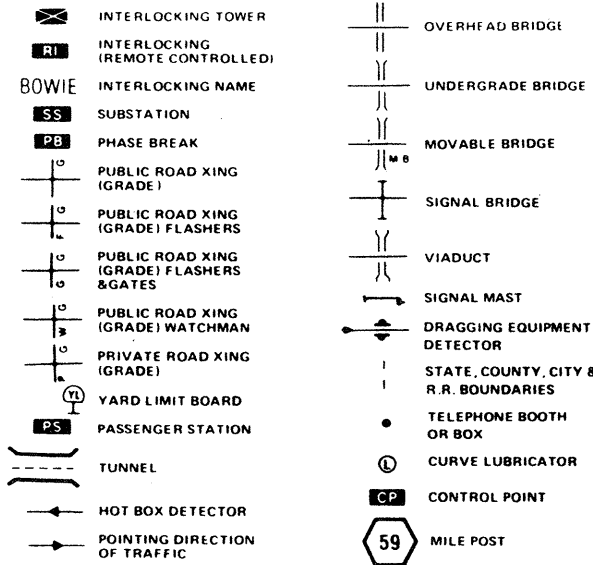
#### PROGRAMMATIC ENVIRONMENTAL IMPACT STATEMENT

JULY 1977

FIGURE A-45



PROJECT ACTIVITIES  
BY LOCATION  
PROPOSED AS OF APRIL 1978



PROJECT

ROUTE REALIGNMENT  
CURVE REALIGNMENT  
INTERLOCKINGS REPLACED

TRACK IMPROVEMENTS

BALLAST CLEANING/  
UNDERCUTTING  
TIE RENEWAL  
RAIL

BRIDGES

REPAIR (UG)  
REPLACE (UG)  
MODIFY CLEARANCE (OH)

TUNNELS

LIMITS

FENCING

LIMITS

GRADE CROSSINGS

PUBLIC  
PRIVATE

ELECTRIFICATION

REHABILITATE  
NEW  
SUBSTATION  
SWITCHING STATION

SIGNALING & TRAFFIC CONTROL

UPGRADE  
REPLACE

COMMUNICATIONS

TOWER LOCATION

STATIONS

OPERATIONAL IMPROVEMENT

MAINTENANCE FACILITIES

MOW BASE  
SHOP

EXTENT &  
LOCATION

(NUMBER)

96 95

96 95

96 95

96 95

96 95

96 95

96 95

96 95

96 95

96 95

96 95

96 95

96 95

96 95

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96 95

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96 95

96 95

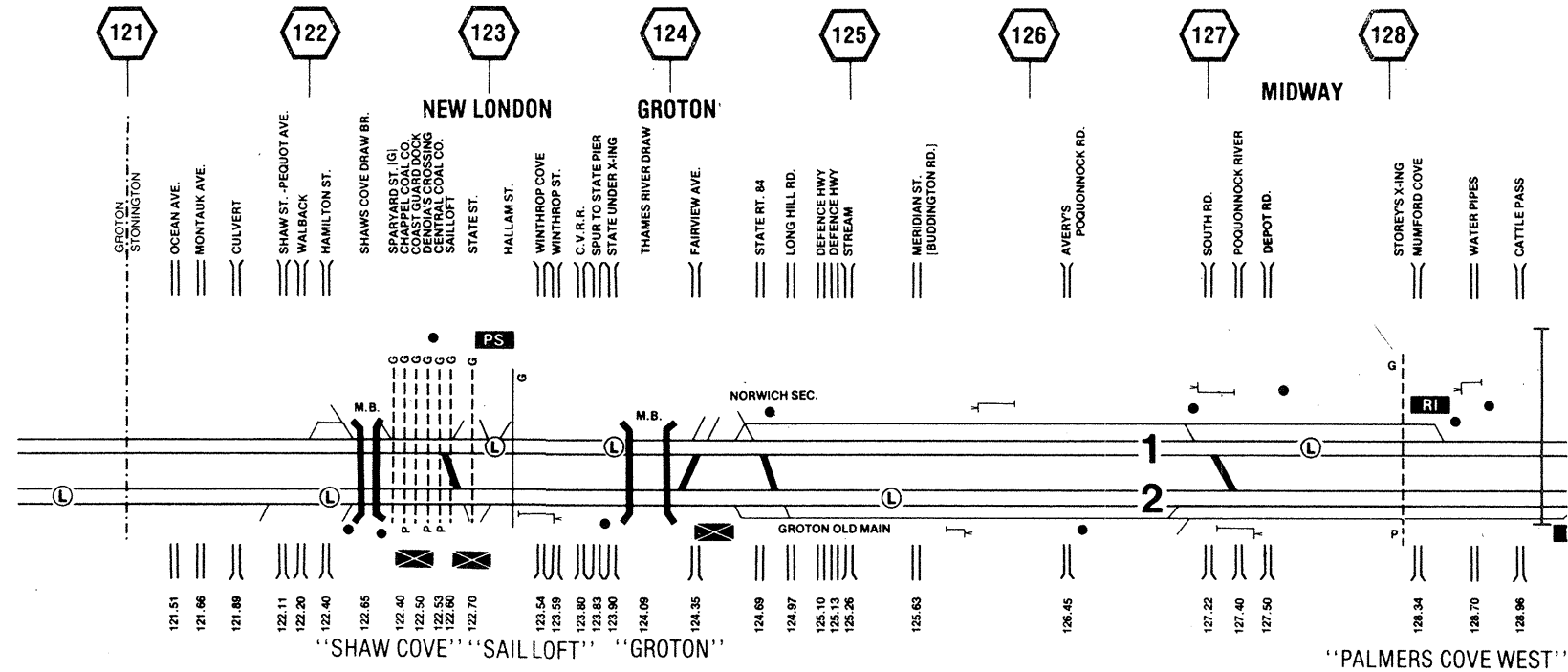
96 95

96 95

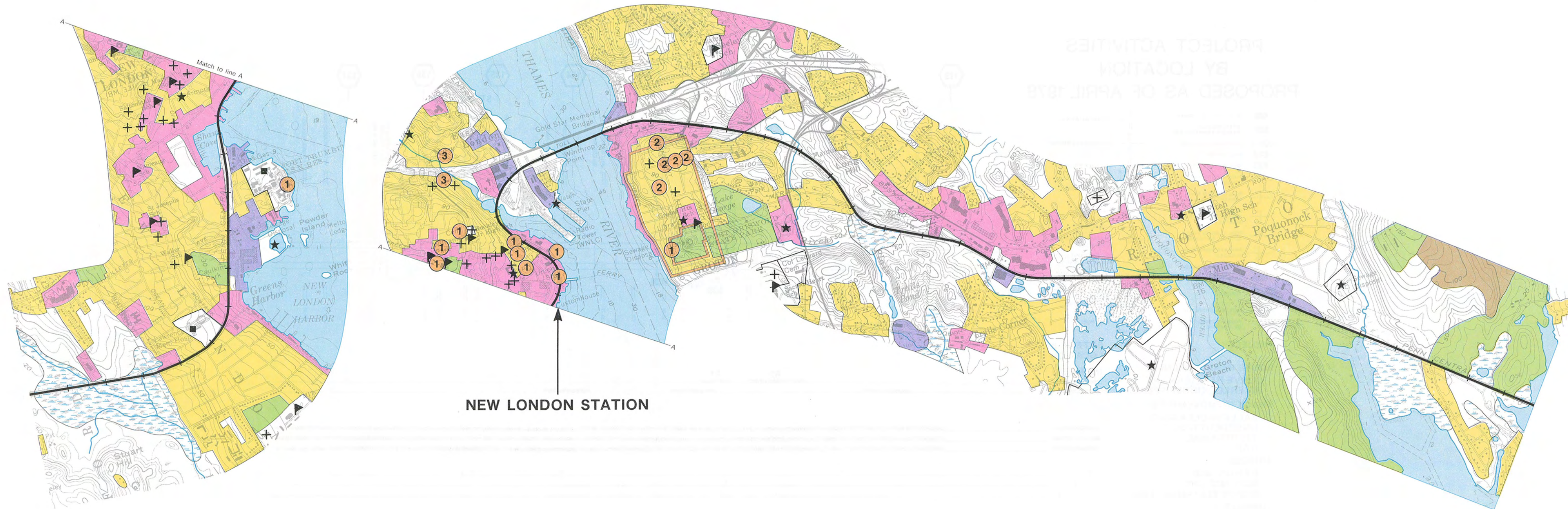
96 95

\* GENERALIZED LOCATION

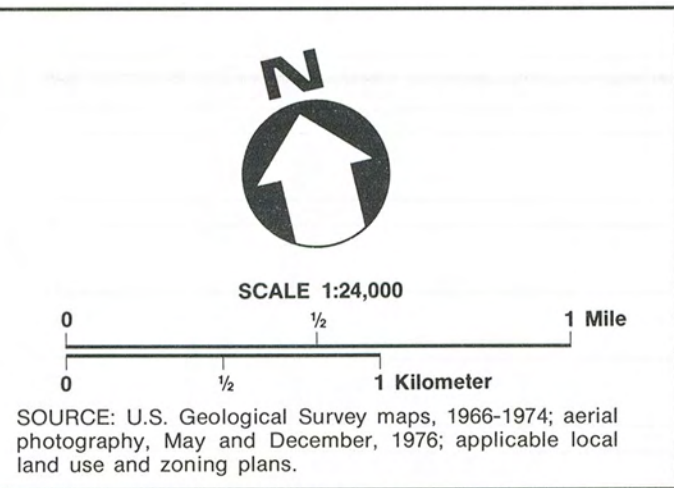
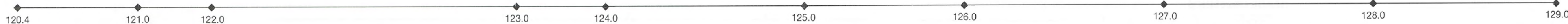
\*\* SITE TO BE LOCATED WITHIN AREA







MILEPOSTS



NORTHEAST CORRIDOR IMPROVEMENT PROJECT  
Federal Railroad Administration, Department of Transportation

## ENVIRONMENTAL PLANNING FACTORS

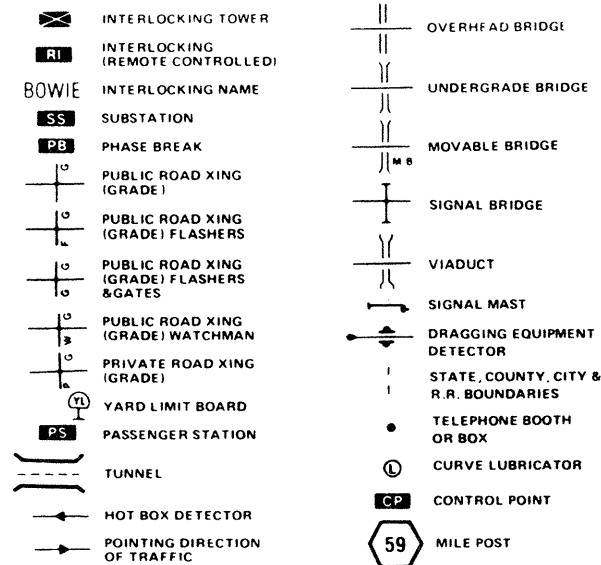
### PROGRAMMATIC ENVIRONMENTAL IMPACT STATEMENT

JULY 1977

FIGURE A-46



PROJECT ACTIVITIES  
BY LOCATION  
PROPOSED AS OF APRIL 1978



PROJECT

ROUTE REALIGNMENT  
CURVE REALIGNMENT  
INTERLOCKINGS REPLACED

TRACK IMPROVEMENTS  
BALLAST CLEANING/  
UNDERCUTTING  
TIE RENEWAL  
RAIL

BRIDGES  
REPAIR (UG)  
REPLACE (UG)  
MODIFY CLEARANCE (OH)

TUNNELS  
LIMITS

FENCING  
LIMITS

GRADE CROSSINGS  
PUBLIC  
PRIVATE

ELECTRIFICATION  
REHABILITATE  
NEW  
SUBSTATION  
SWITCHING STATION

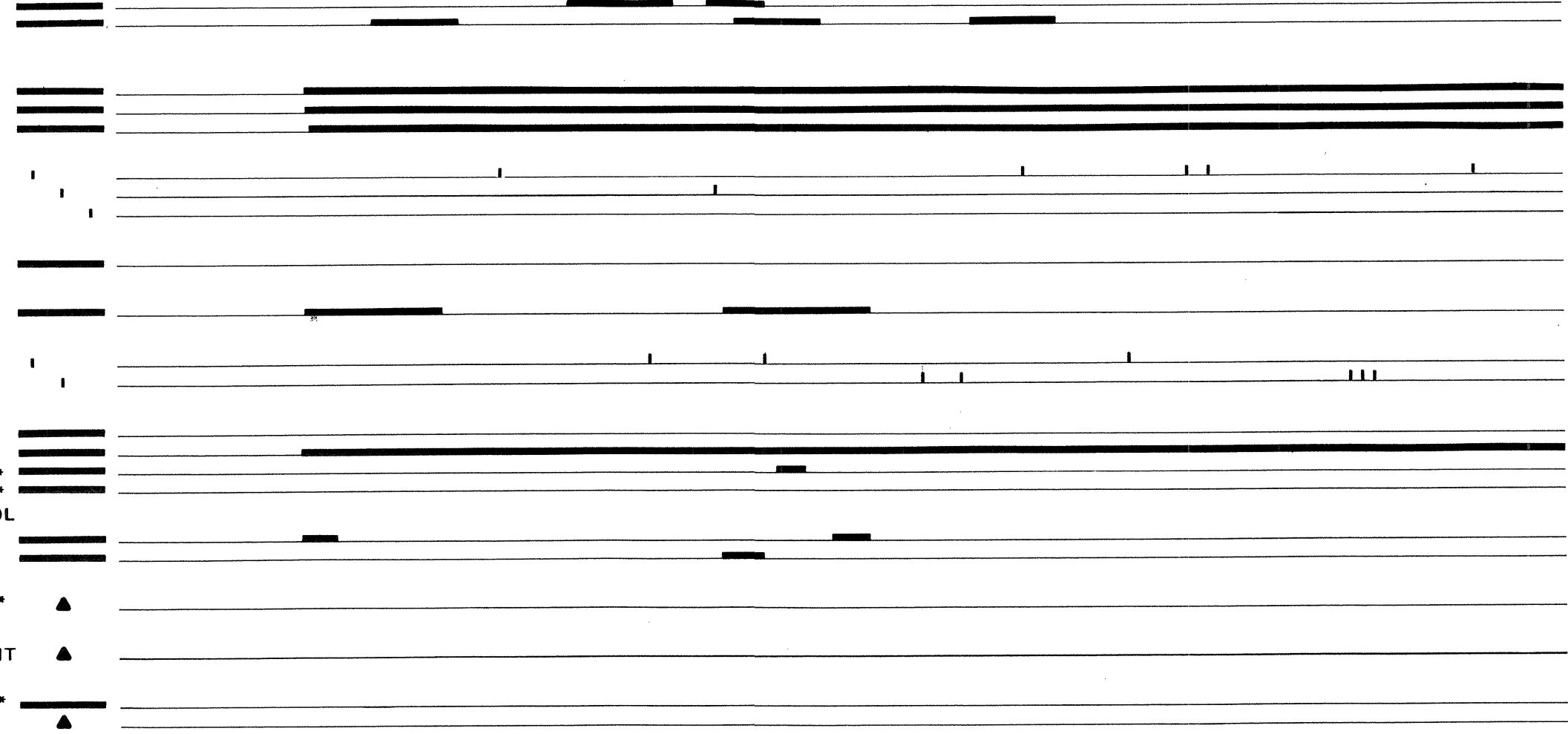
SIGNALING & TRAFFIC CONTROL  
UPGRADE  
REPLACE

COMMUNICATIONS  
TOWER LOCATION

STATIONS  
OPERATIONAL IMPROVEMENT

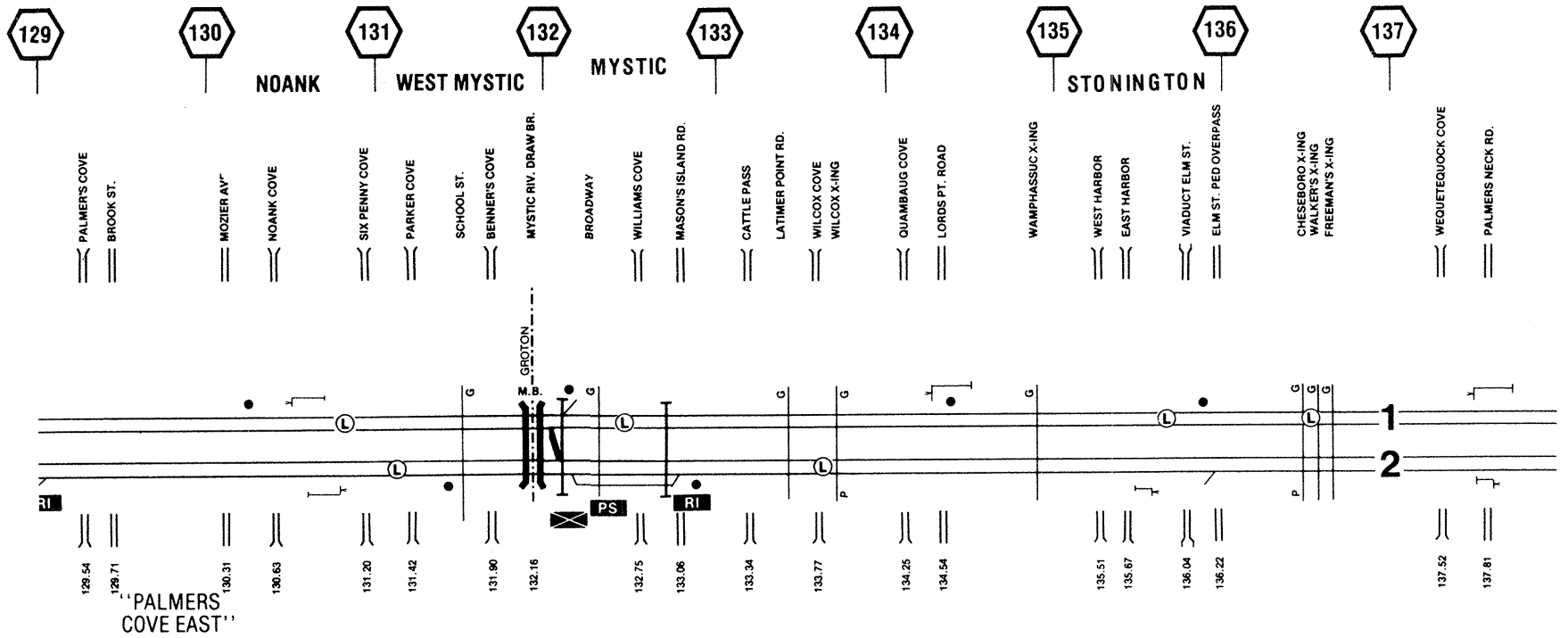
MAINTENANCE FACILITIES  
MOW BASE  
SHOP

EXTENT &  
LOCATION  
(NUMBER)

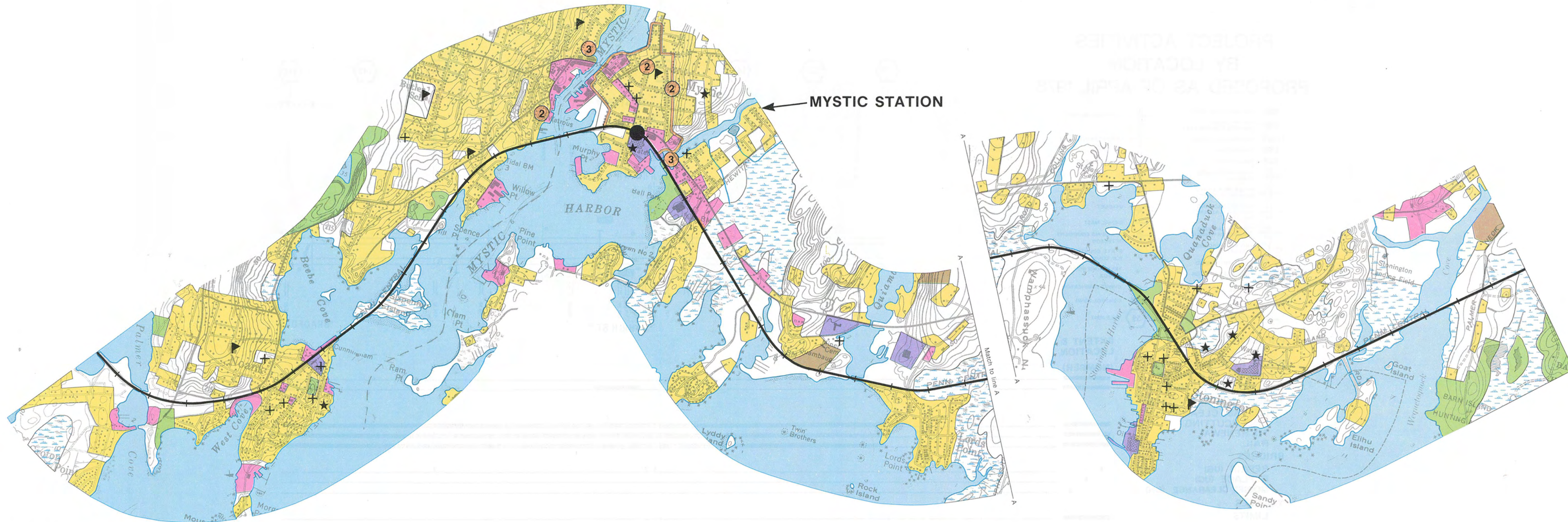


\* GENERALIZED LOCATION

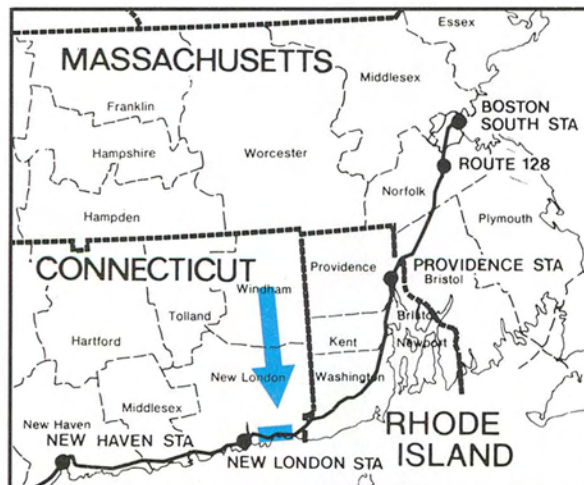
\*\* SITE TO BE LOCATED WITHIN AREA



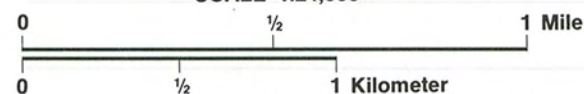




MILEPOSTS

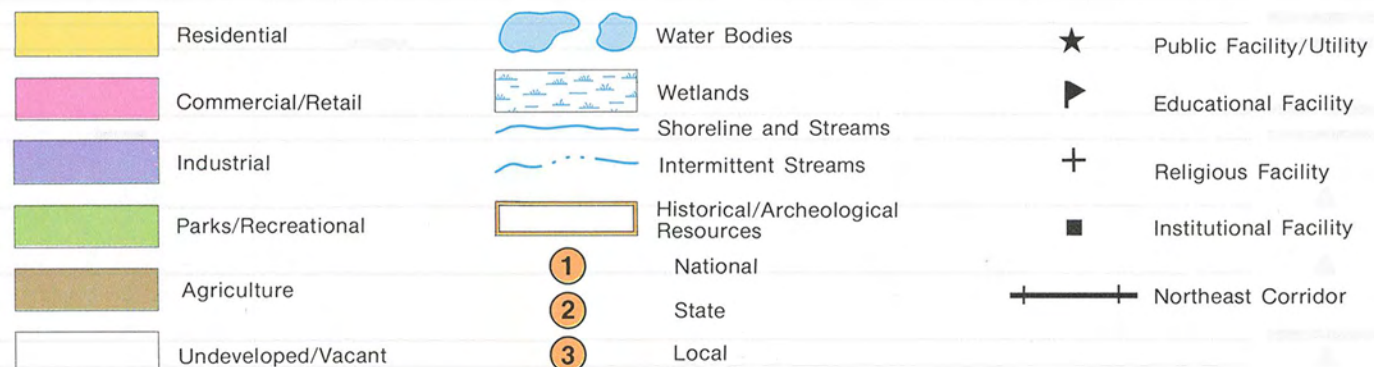


SCALE 1:24,000



SOURCE: U.S. Geological Survey maps, 1966-1974; aerial photography, May and December, 1976; applicable local land use and zoning plans.

### LEGEND



### NORTHEAST CORRIDOR IMPROVEMENT PROJECT

Federal Railroad Administration, Department of Transportation

## ENVIRONMENTAL PLANNING FACTORS

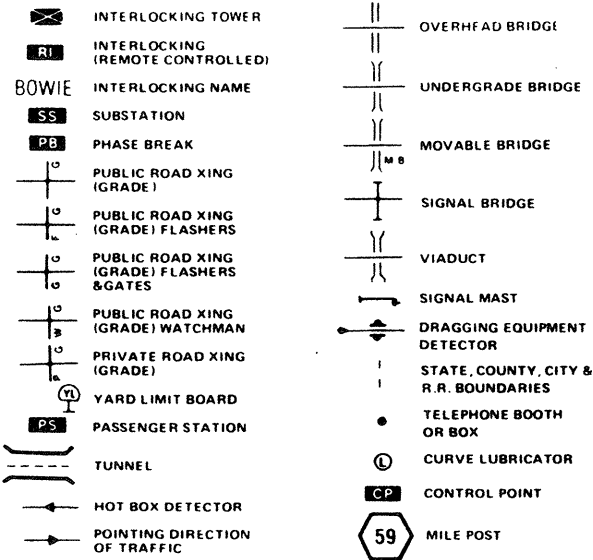
### PROGRAMMATIC ENVIRONMENTAL IMPACT STATEMENT

JULY 1977

FIGURE A-47



PROJECT ACTIVITIES  
BY LOCATION  
PROPOSED AS OF APRIL 1978



**PROJECT**

**ROUTE REALIGNMENT**  
CURVE REALIGNMENT  
INTERLOCKINGS REPLACED

**TRACK IMPROVEMENTS**

BALLAST CLEANING/  
UNDERCUTTING  
TIE RENEWAL  
RAIL

**BRIDGES**

REPAIR (UG)  
REPLACE (UG)  
MODIFY CLEARANCE (OH)

**TUNNELS**

LIMITS

**FENCING**

LIMITS

**GRADE CROSSINGS**

PUBLIC  
PRIVATE

**ELECTRIFICATION**

REHABILITATE  
NEW  
SUBSTATION  
SWITCHING STATION

**SIGNALING & TRAFFIC CONTROL**

UPGRADE  
REPLACE

**COMMUNICATIONS**

TOWER LOCATION

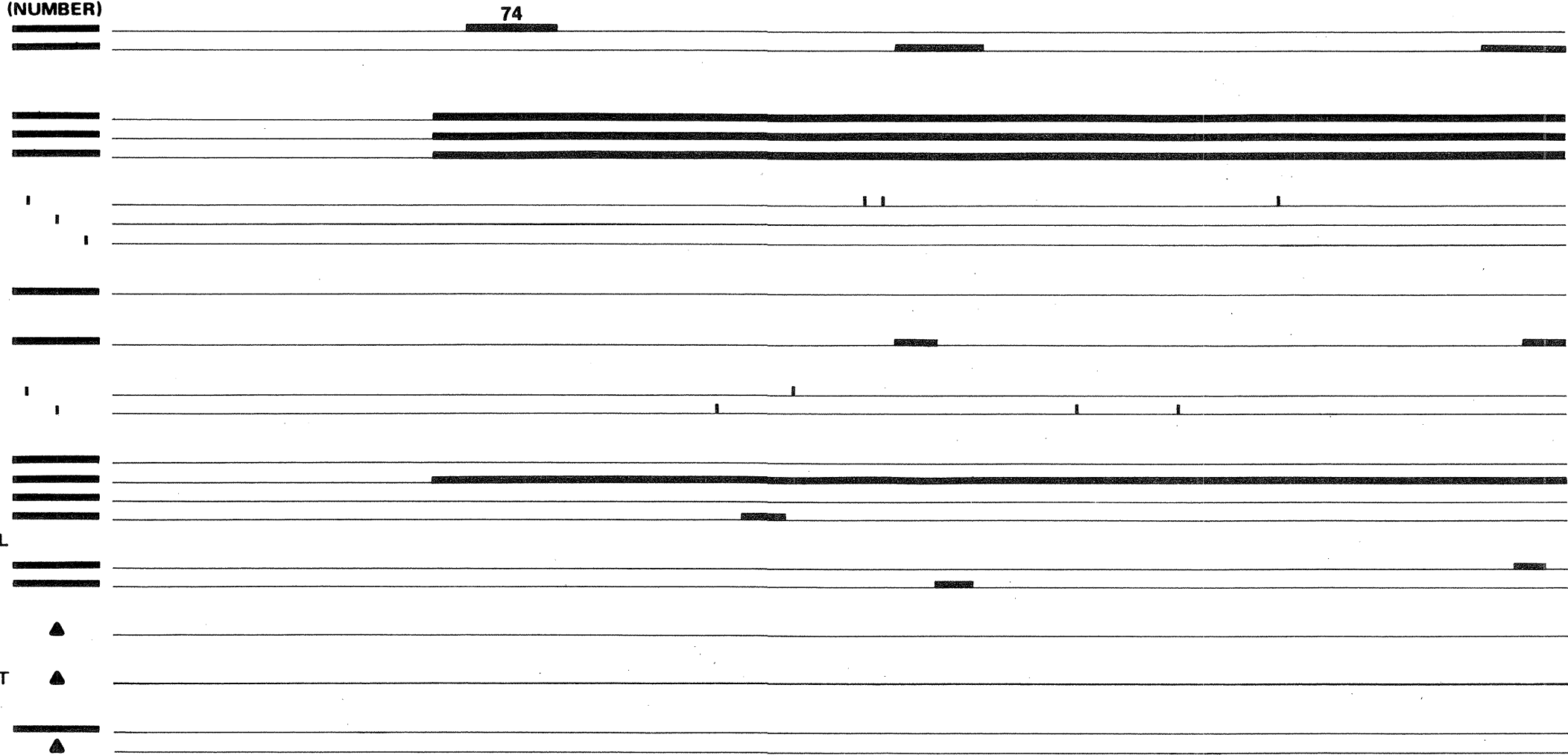
**STATIONS**

OPERATIONAL IMPROVEMENT

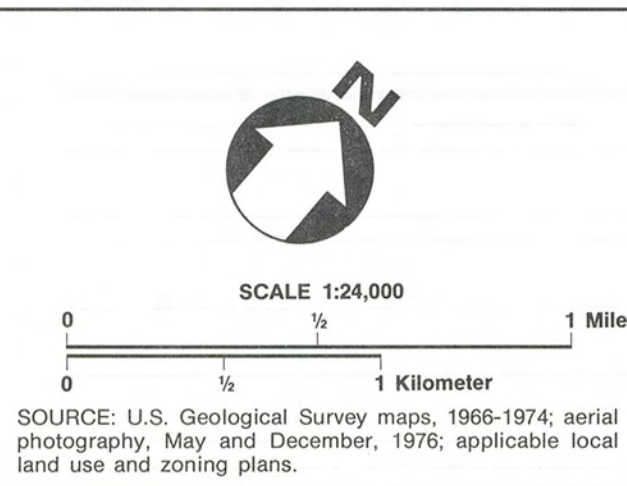
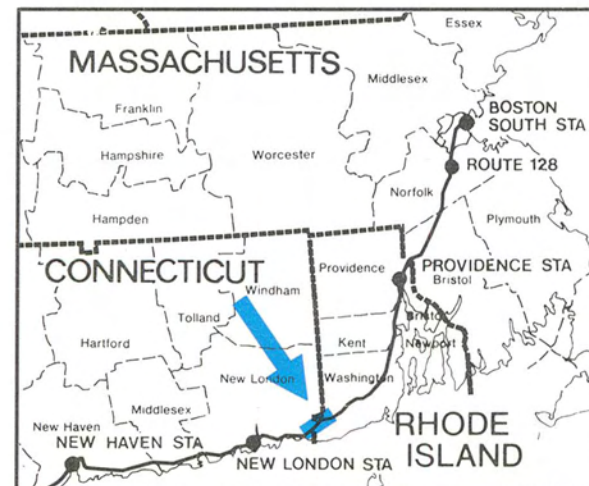
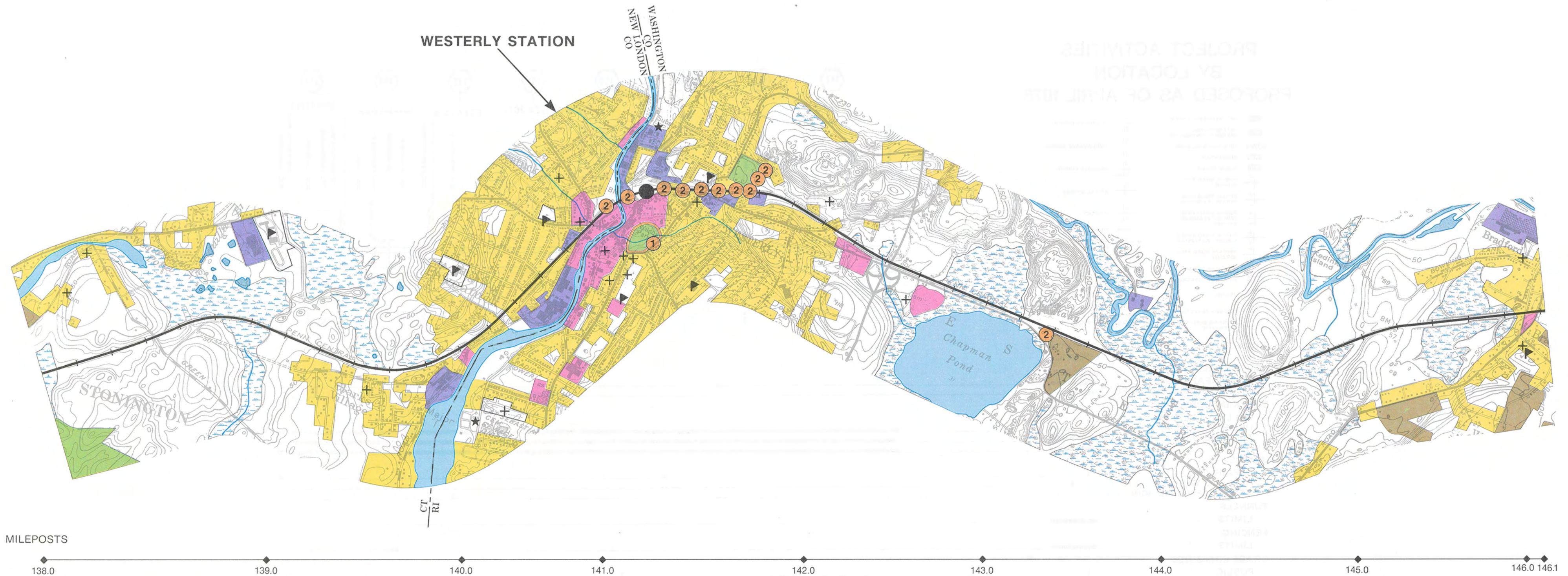
**MAINTENANCE FACILITIES**

MOW BASE  
SHOP

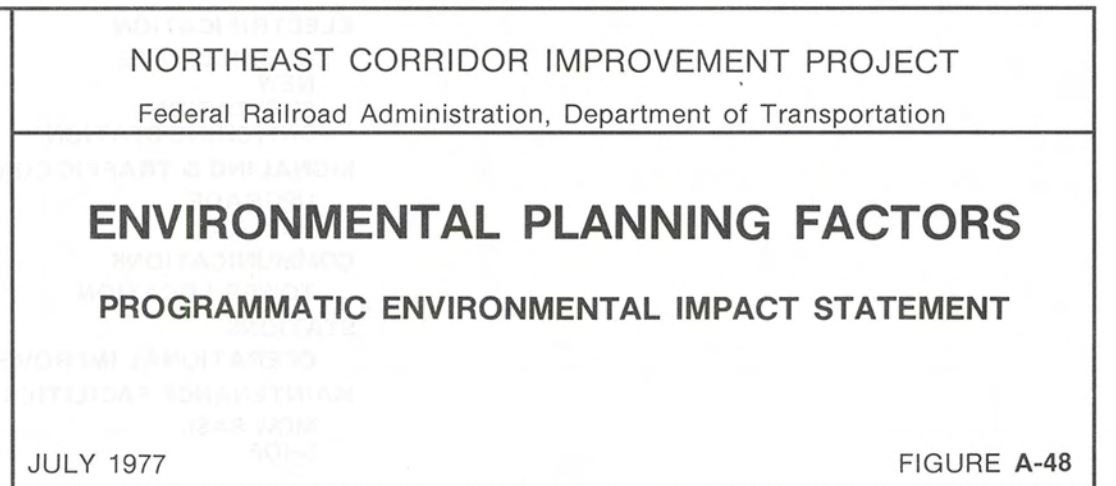
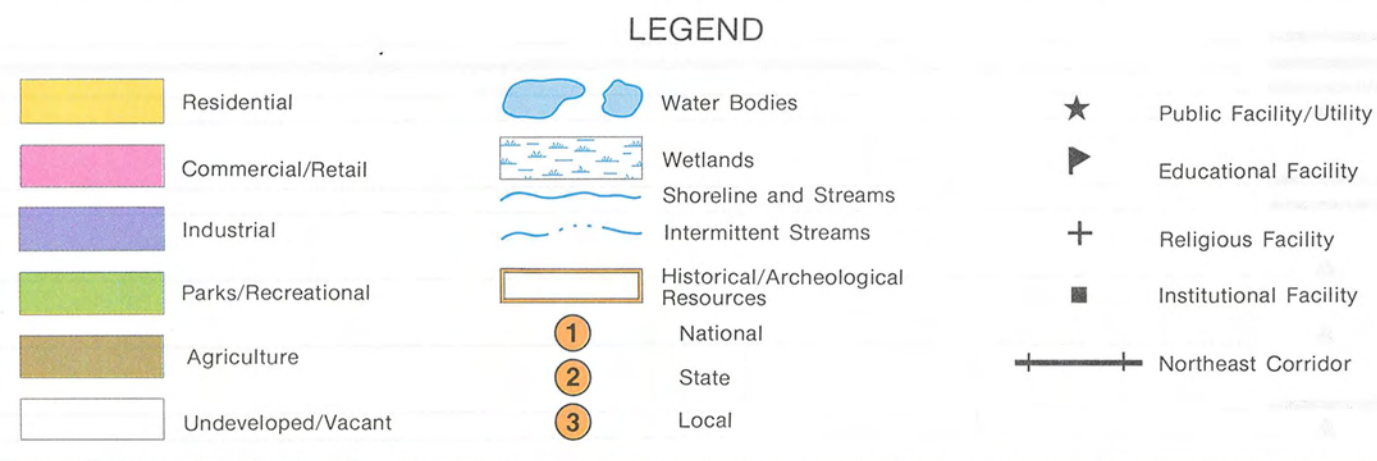
**EXTENT & LOCATION  
(NUMBER)**





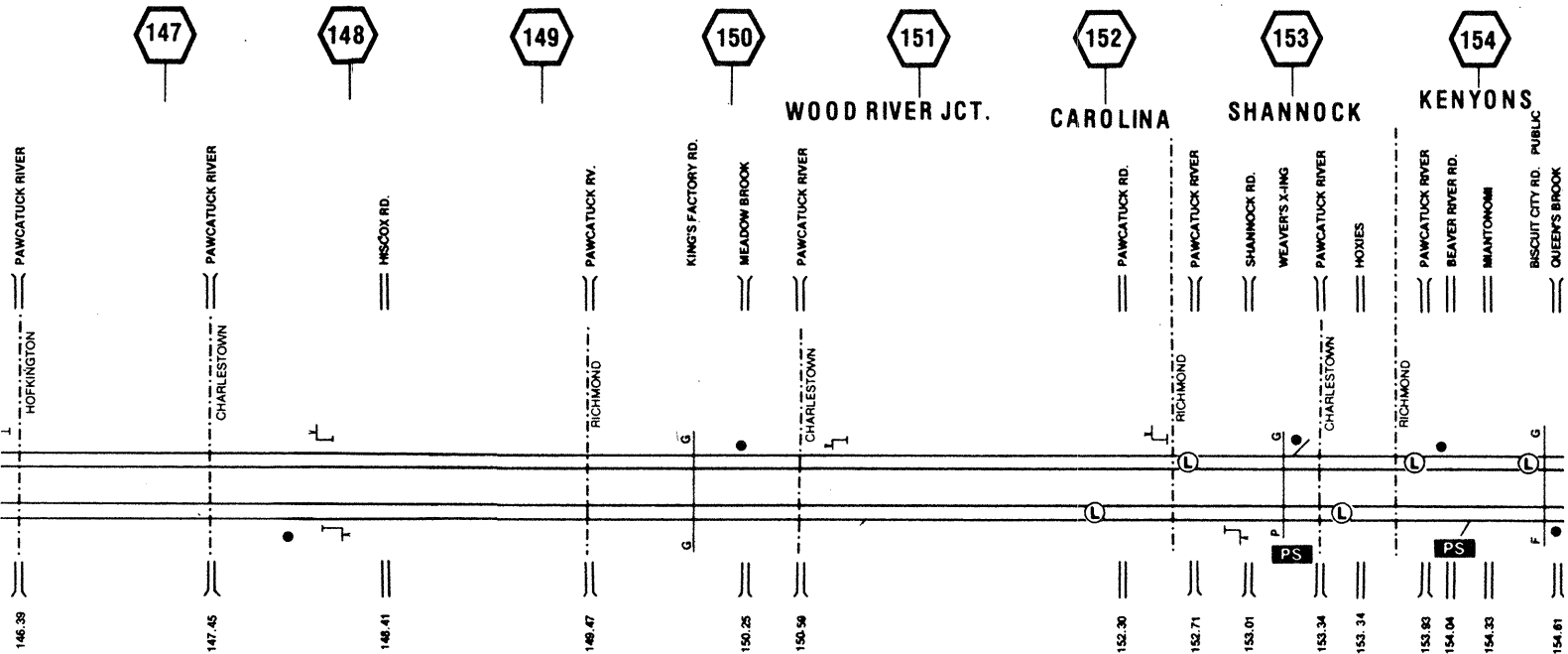
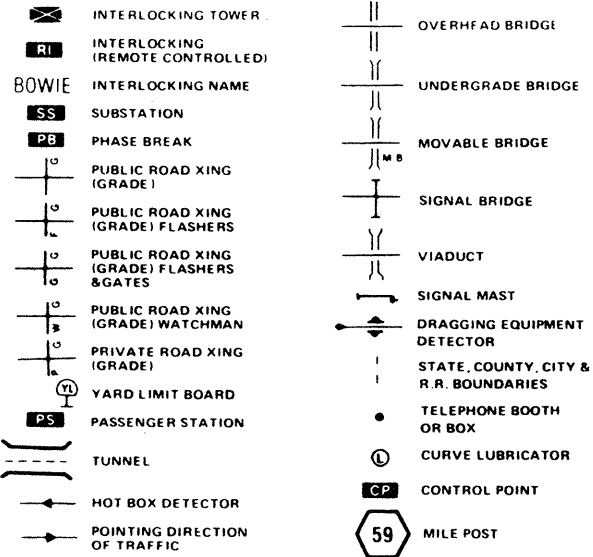


SOURCE: U.S. Geological Survey maps, 1966-1974; aerial photography, May and December, 1976; applicable local land use and zoning plans.





PROJECT ACTIVITIES  
BY LOCATION  
PROPOSED AS OF APRIL 1978



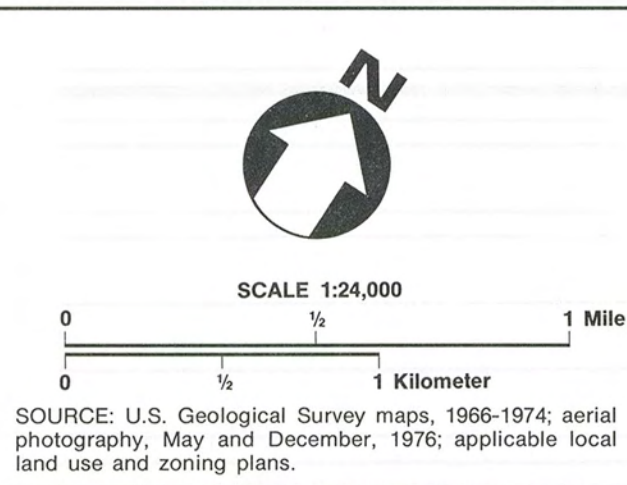
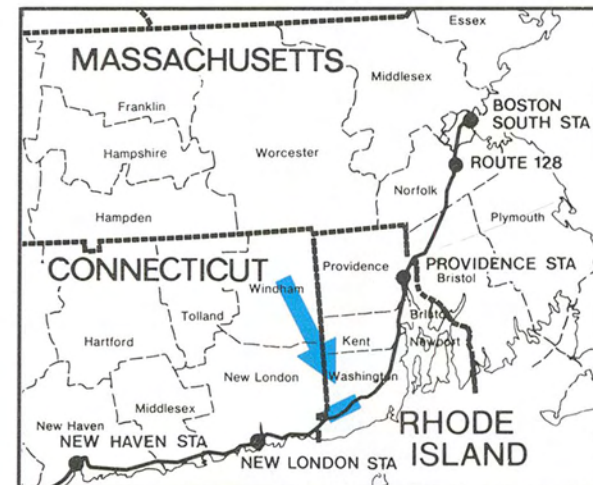
PROJECT	EXTENT & LOCATION
ROUTE REALIGNMENT	(NUMBER)
CURVE REALIGNMENT	
INTERLOCKINGS REPLACED	
TRACK IMPROVEMENTS	
BALLAST CLEANING/ UNDERCUTTING	
TIE RENEWAL	
RAIL	
BRIDGES	
REPAIR (UG)	
REPLACE (UG)	
MODIFY CLEARANCE (OH)	
TUNNELS	
LIMITS	
FENCING	
LIMITS	
GRADE CROSSINGS	
PUBLIC	
PRIVATE	
ELECTRIFICATION	
REHABILITATE	
NEW	
SUBSTATION	*
SWITCHING STATION	*
SIGNALING & TRAFFIC CONTROL	
UPGRADE	
REPLACE	
COMMUNICATIONS	
TOWER LOCATION	*
STATIONS	
OPERATIONAL IMPROVEMENT	
MAINTENANCE FACILITIES	
MOW BASE	**
SHOP	

\* GENERALIZED LOCATION      \*\* SITE TO BE LOCATED WITHIN AREA





MILEPOSTS



SOURCE: U.S. Geological Survey maps, 1966-1974; aerial photography, May and December, 1976; applicable local land use and zoning plans.



NORTHEAST CORRIDOR IMPROVEMENT PROJECT

Federal Railroad Administration, Department of Transportation

## ENVIRONMENTAL PLANNING FACTORS

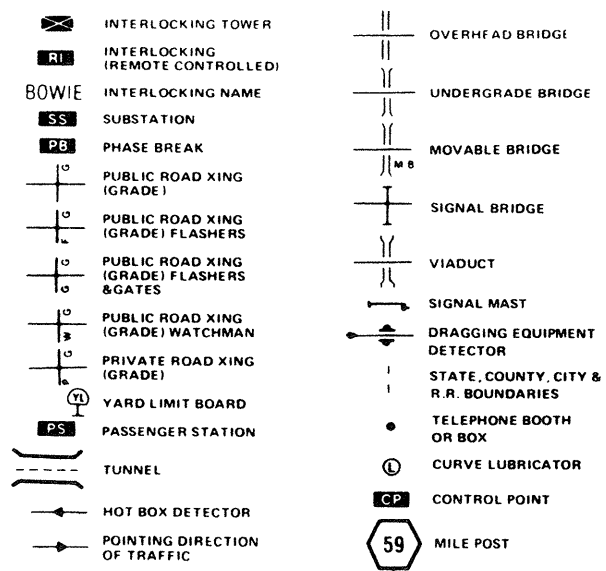
### PROGRAMMATIC ENVIRONMENTAL IMPACT STATEMENT

JULY 1977

FIGURE A-49

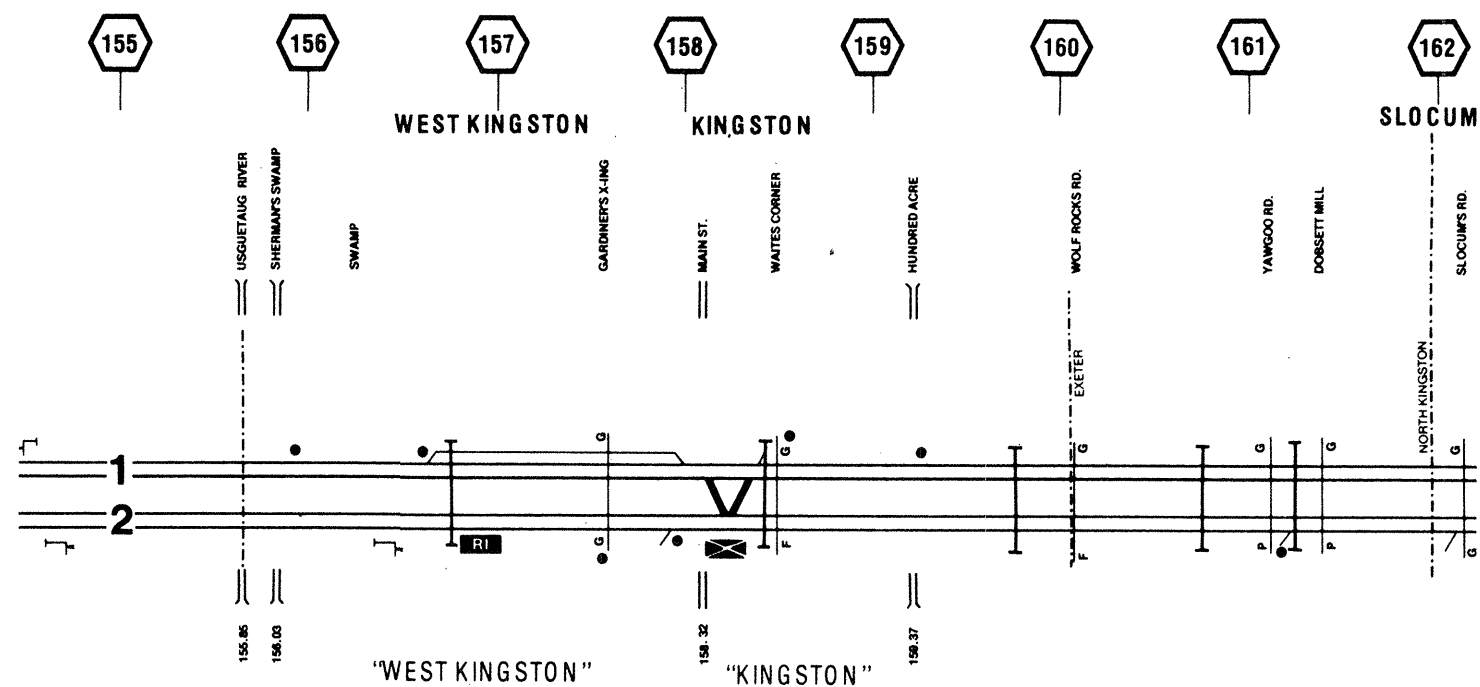


PROJECT ACTIVITIES  
BY LOCATION  
PROPOSED AS OF APRIL 1978

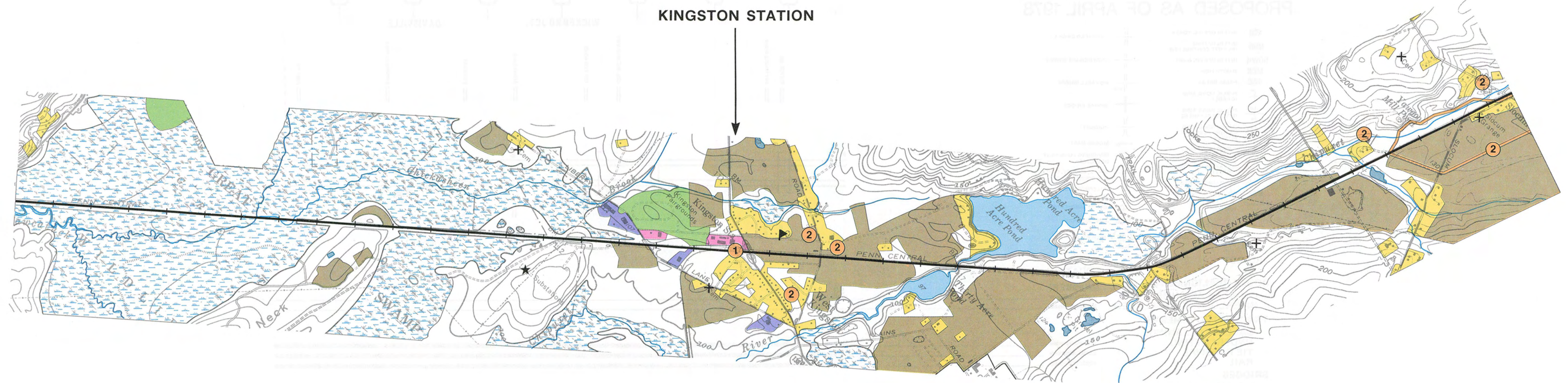


PROJECT		EXTENT & LOCATION (NUMBER)
ROUTE REALIGNMENT		
CURVE REALIGNMENT		
INTERLOCKINGS REPLACED		
TRACK IMPROVEMENTS		
BALLAST CLEANING/ UNDERCUTTING		
TIE RENEWAL		
RAIL		
BRIDGES		
REPAIR (UG)		
REPLACE (UG)		
MODIFY CLEARANCE (OH)		
TUNNELS		
LIMITS		
FENCING		
LIMITS		
GRADE CROSSINGS		
PUBLIC		
PRIVATE		
ELECTRIFICATION		
REHABILITATE		
NEW		
SUBSTATION		
SWITCHING STATION		
SIGNALING & TRAFFIC CONTROL		
UPGRADE		
REPLACE		
COMMUNICATIONS		
TOWER LOCATION		
STATIONS		
OPERATIONAL IMPROVEMENT		
MAINTENANCE FACILITIES		
MOW BASE		
SHOP		

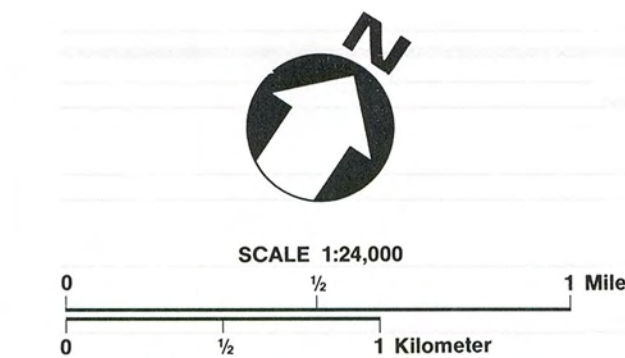
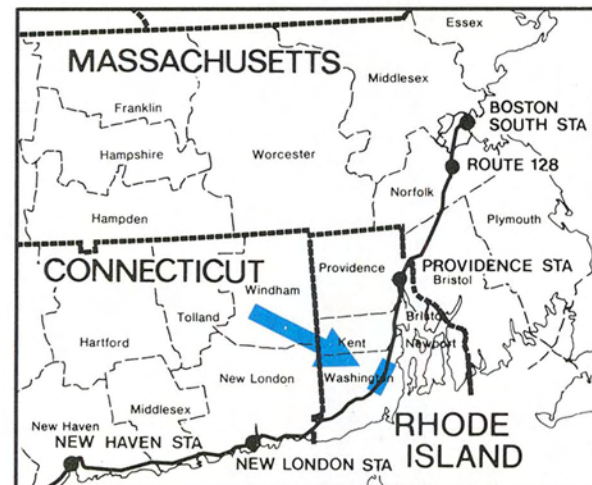
\* GENERALIZED LOCATION      \*\* SITE TO BE LOCATED WITHIN AREA







MILEPOSTS



SOURCE: U.S. Geological Survey maps, 1966-1974; aerial photography, May and December, 1976; applicable local land use and zoning plans.



NORTHEAST CORRIDOR IMPROVEMENT PROJECT  
Federal Railroad Administration, Department of Transportation

## ENVIRONMENTAL PLANNING FACTORS

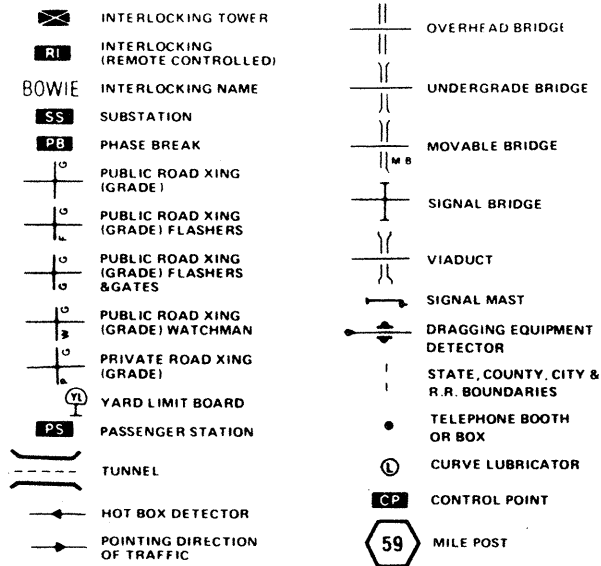
### PROGRAMMATIC ENVIRONMENTAL IMPACT STATEMENT

JULY 1977

FIGURE A-50



PROJECT ACTIVITIES  
BY LOCATION  
PROPOSED AS OF APRIL 1978



PROJECT

ROUTE REALIGNMENT  
CURVE REALIGNMENT  
INTERLOCKINGS REPLACED

TRACK IMPROVEMENTS

BALLAST CLEANING/  
UNDERCUTTING  
TIE RENEWAL  
RAIL

BRIDGES

REPAIR (UG)  
REPLACE (UG)  
MODIFY CLEARANCE (OH)

TUNNELS

LIMITS

FENCING

LIMITS

GRADE CROSSINGS

PUBLIC  
PRIVATE

ELECTRIFICATION

REHABILITATE  
NEW  
SUBSTATION  
SWITCHING STATION

SIGNALING & TRAFFIC CONTROL

UPGRADE  
REPLACE

COMMUNICATIONS

TOWER LOCATION

STATIONS

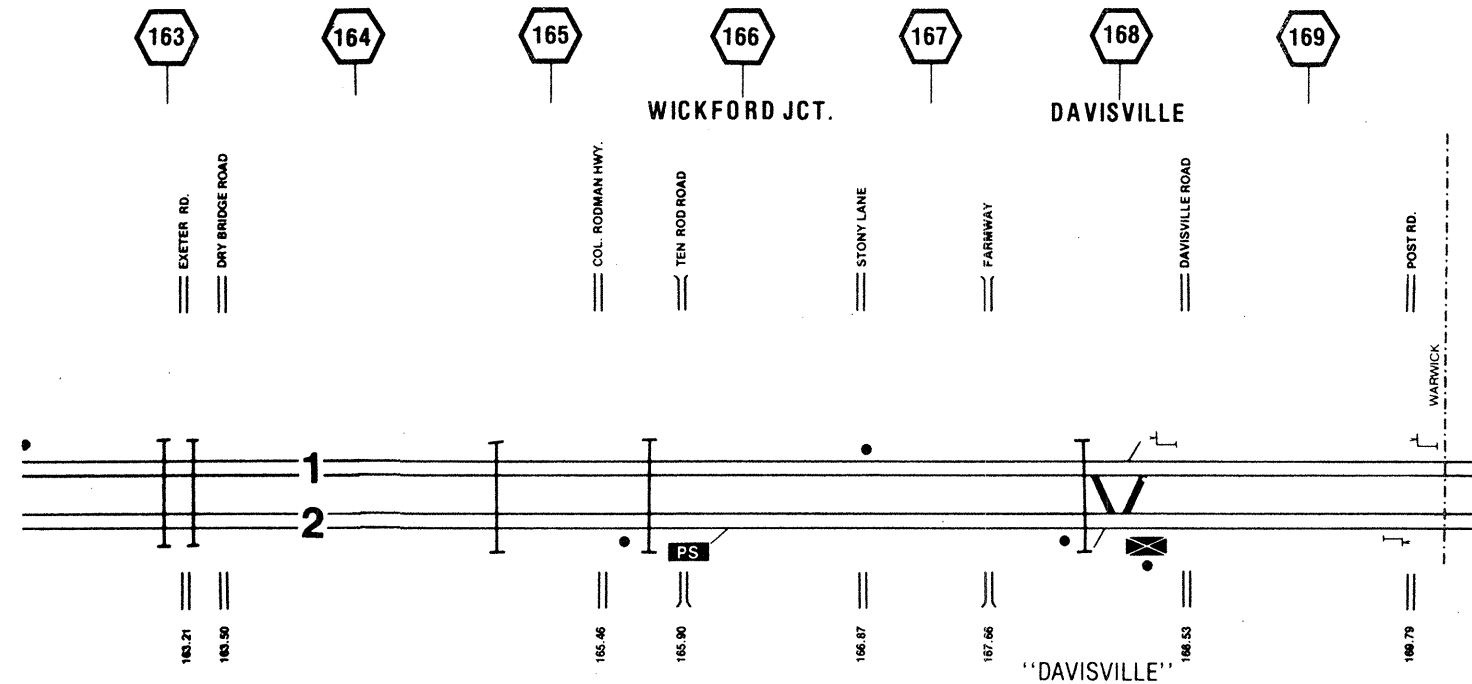
OPERATIONAL IMPROVEMENT

MAINTENANCE FACILITIES

MOW BASE  
SHOP

EXTENT &  
LOCATION  
(NUMBER)

56



\* GENERALIZED LOCATION

\*\* SITE TO BE LOCATED WITHIN AREA

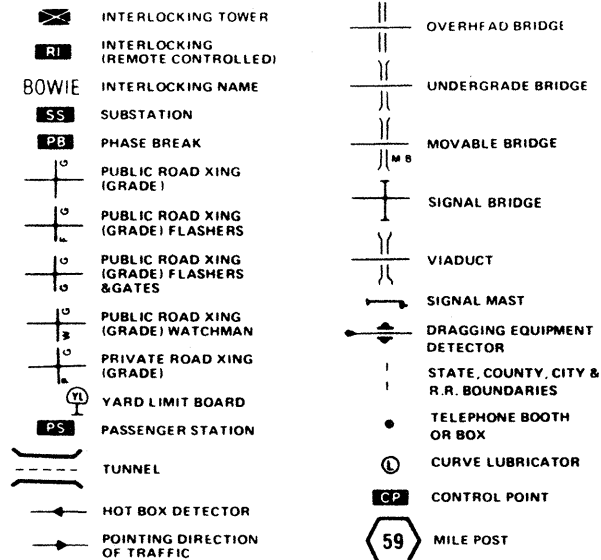
TLS







PROJECT ACTIVITIES  
BY LOCATION  
PROPOSED AS OF APRIL 1978



PROJECT

ROUTE REALIGNMENT  
CURVE REALIGNMENT  
INTERLOCKINGS REPLACED

TRACK IMPROVEMENTS

BALLAST CLEANING/  
UNDERCUTTING  
TIE RENEWAL  
RAIL

BRIDGES

REPAIR (UG)  
REPLACE (UG)  
MODIFY CLEARANCE (OH)

TUNNELS

LIMITS

FENCING

LIMITS

GRADE CROSSINGS

PUBLIC  
PRIVATE

ELECTRIFICATION

REHABILITATE  
NEW  
SUBSTATION  
SWITCHING STATION

SIGNALING & TRAFFIC CONTROL

UPGRADE  
REPLACE

COMMUNICATIONS

TOWER LOCATION

STATIONS

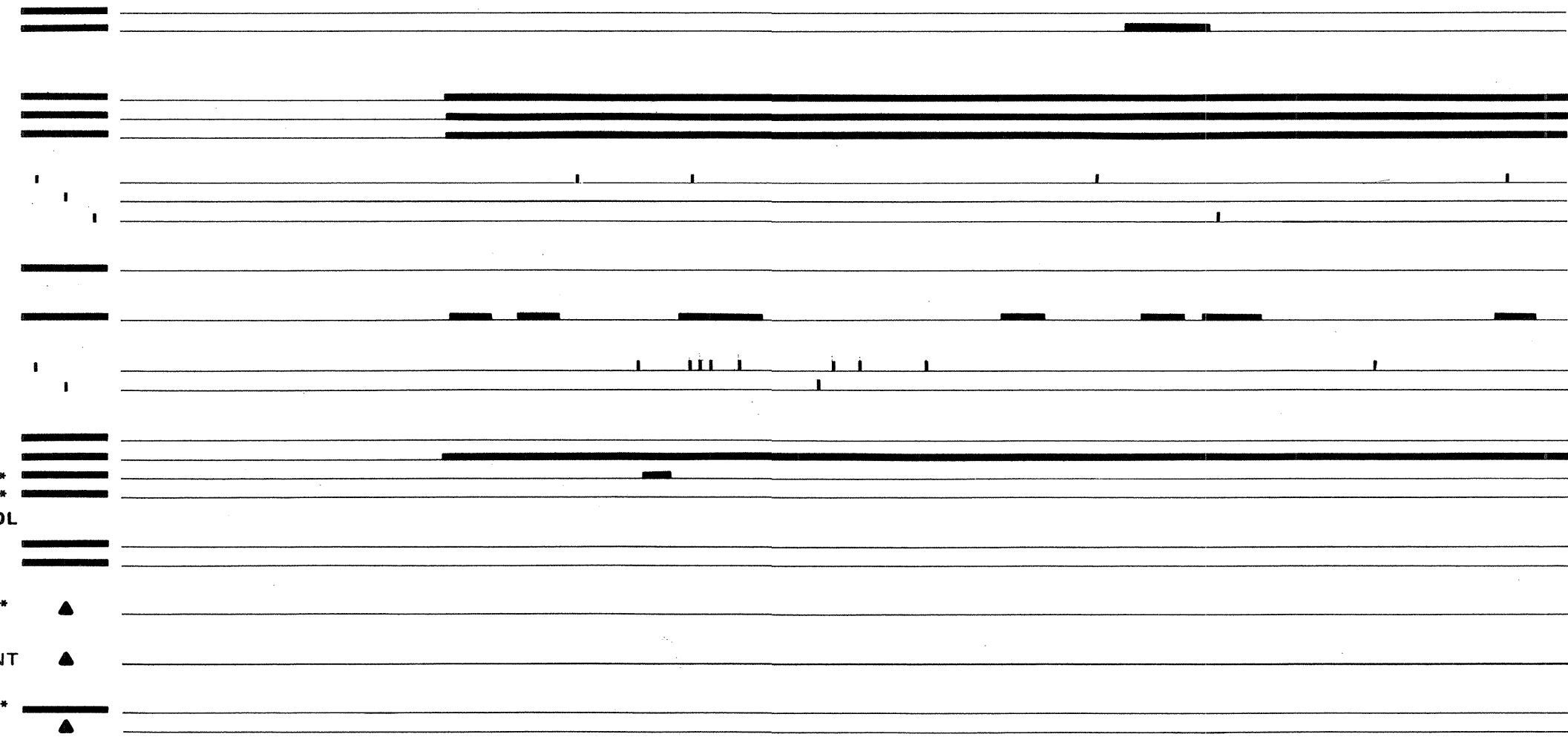
OPERATIONAL IMPROVEMENT

MAINTENANCE FACILITIES

MOW BASE  
SHOP

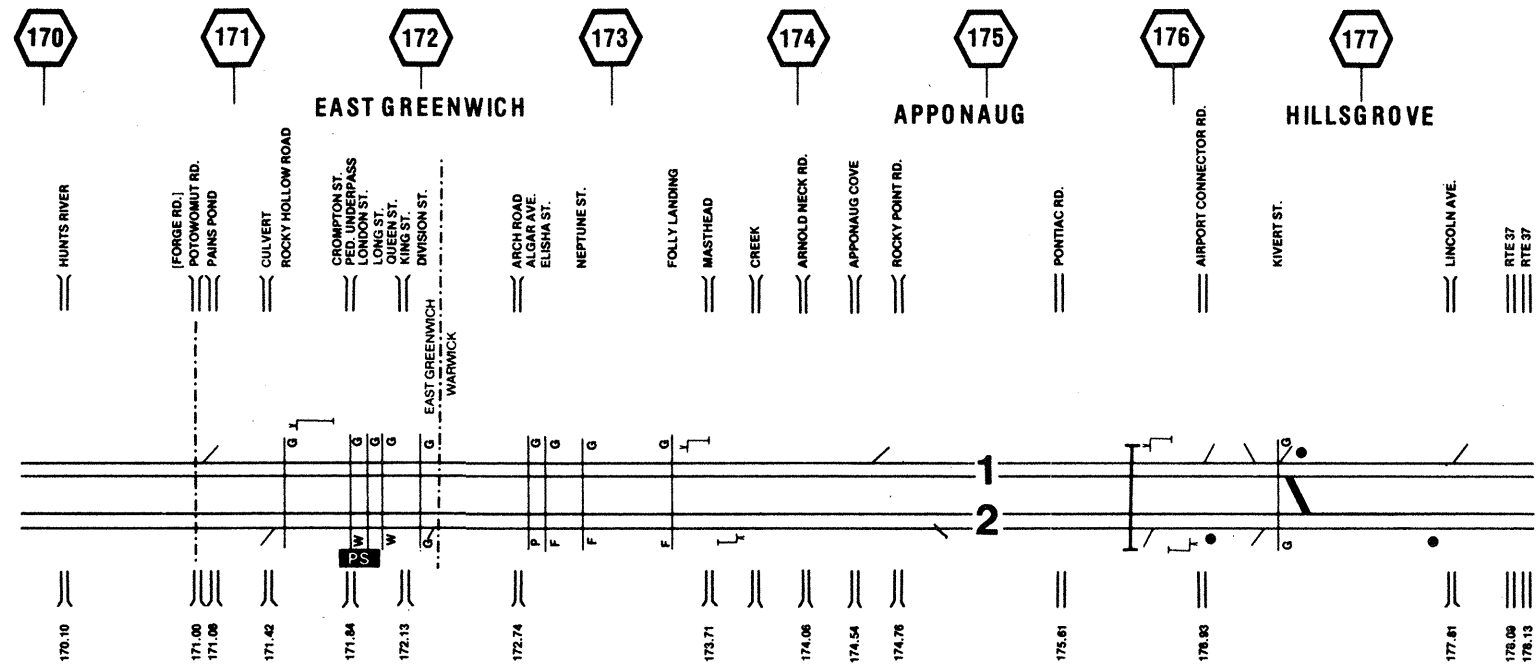
EXTENT &  
LOCATION

(NUMBER)

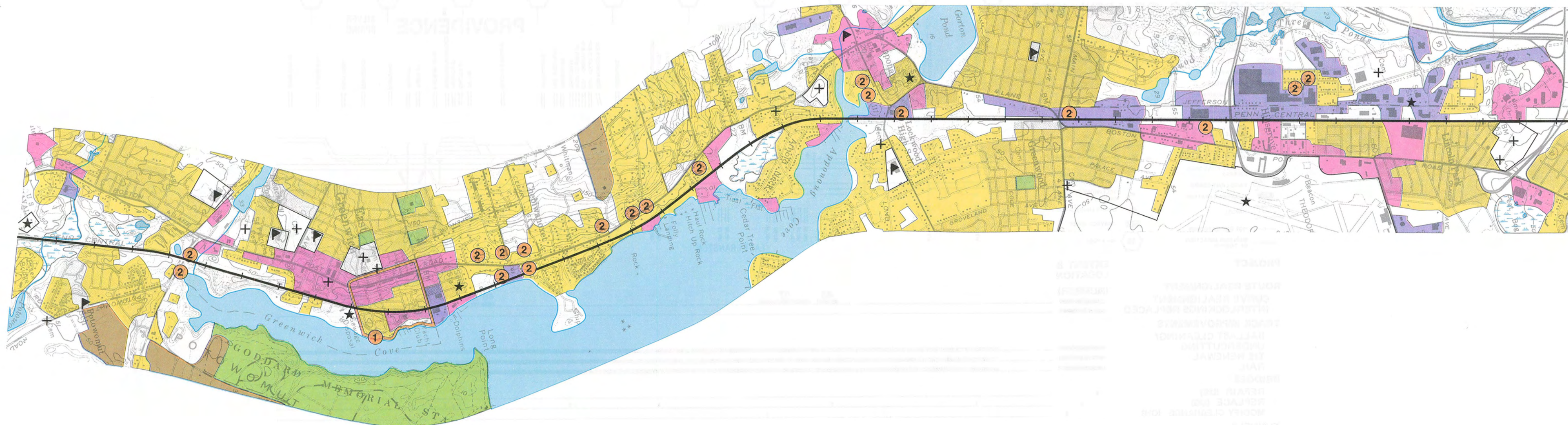


\* GENERALIZED LOCATION

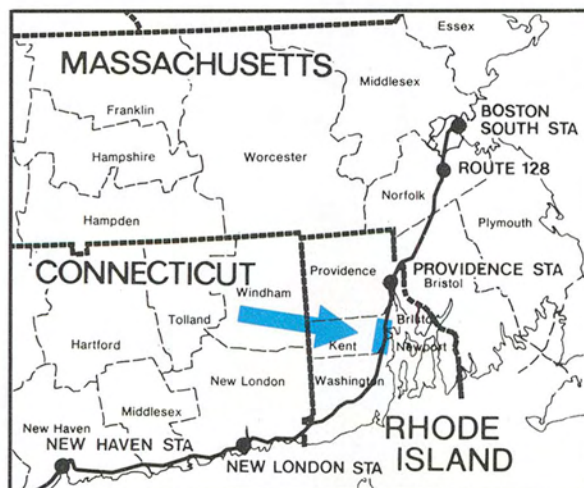
\*\* SITE TO BE LOCATED WITHIN AREA



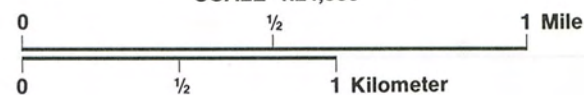




MILEPOSTS



SCALE 1:24,000



SOURCE: U.S. Geological Survey maps, 1966-1974; aerial photography, May and December, 1976; applicable local land use and zoning plans.

# LEGEND

- Residential
- Commercial/Retail
- Industrial
- Parks/Recreational
- Agriculture
- Undeveloped/Vacant

- Water Bodies
- Wetlands
- Shoreline and Streams
- Intermittent Streams
- Historical/Archeological Resources
- National
- State
- Local

- Public Facility/Utility
- Educational Facility
- Religious Facility
- Institutional Facility
- Northeast Corridor

NORTHEAST CORRIDOR IMPROVEMENT PROJECT  
Federal Railroad Administration, Department of Transportation

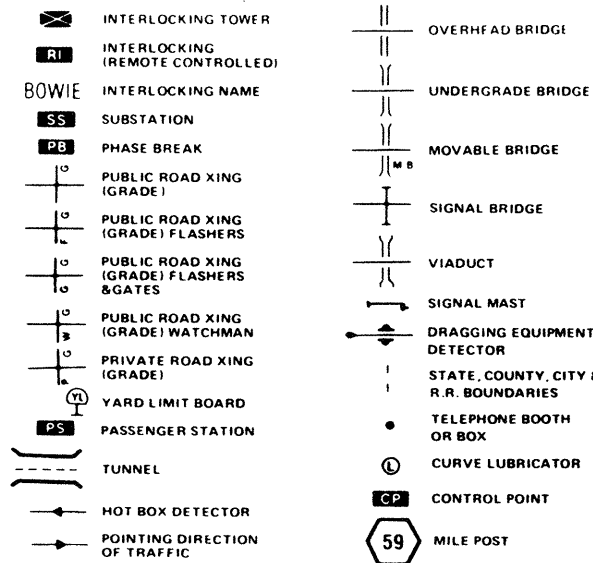
## ENVIRONMENTAL PLANNING FACTORS PROGRAMMATIC ENVIRONMENTAL IMPACT STATEMENT

JULY 1977

FIGURE A-52



PROJECT ACTIVITIES  
BY LOCATION  
PROPOSED AS OF APRIL 1978



PROJECT

ROUTE REALIGNMENT  
CURVE REALIGNMENT  
INTERLOCKINGS REPLACED

TRACK IMPROVEMENTS  
BALLAST CLEANING/  
UNDERCUTTING  
TIE RENEWAL  
RAIL

BRIDGES  
REPAIR (UG)  
REPLACE (UG)  
MODIFY CLEARANCE (OH)

TUNNELS  
LIMITS

FENCING  
LIMITS

GRADE CROSSINGS  
PUBLIC  
PRIVATE

ELECTRIFICATION  
REHABILITATE  
NEW  
SUBSTATION  
SWITCHING STATION

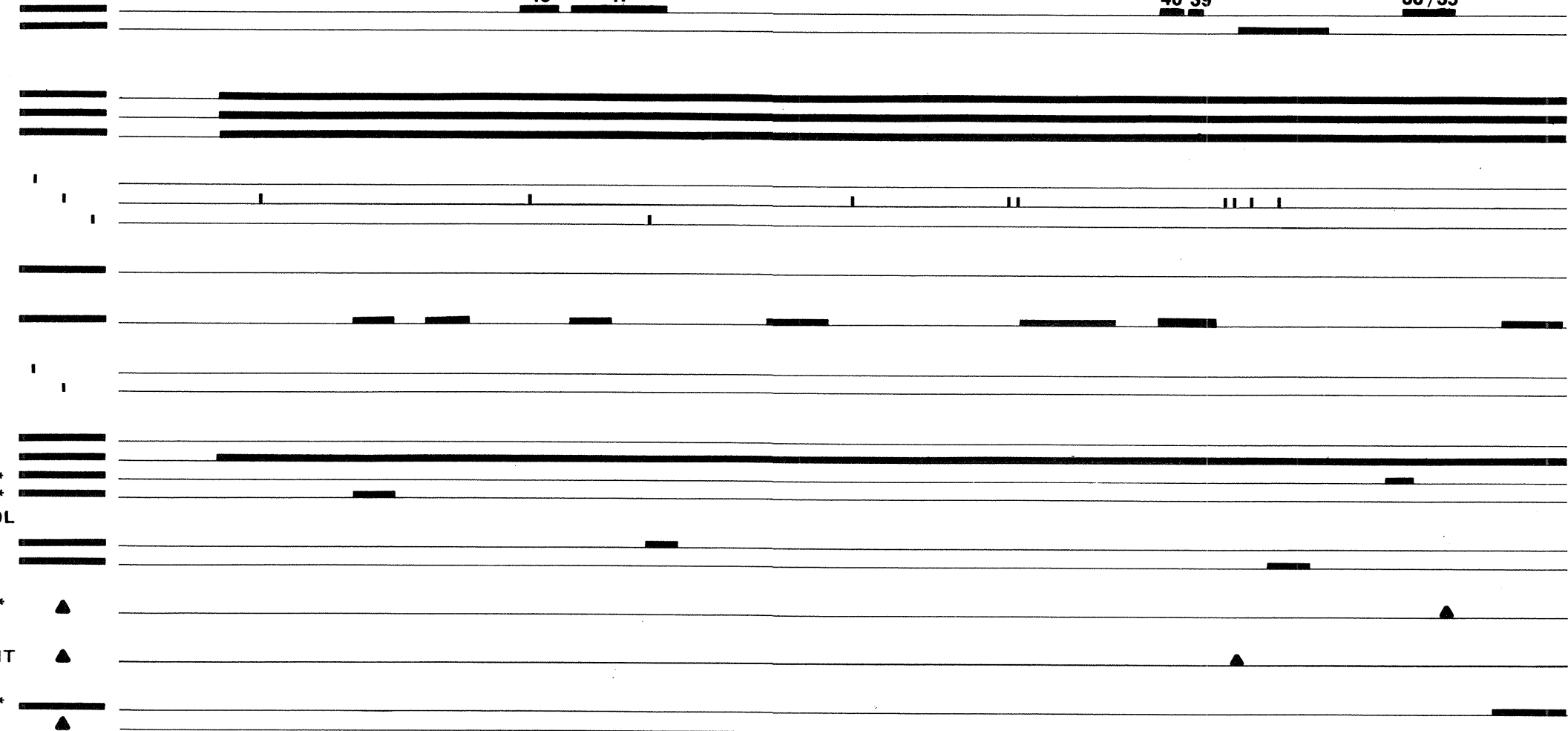
SIGNALING & TRAFFIC CONTROL  
UPGRADE  
REPLACE

COMMUNICATIONS  
TOWER LOCATION

STATIONS  
OPERATIONAL IMPROVEMENT

MAINTENANCE FACILITIES  
MOW BASE  
SHOP

EXTENT &  
LOCATION  
(NUMBER)



\* GENERALIZED LOCATION

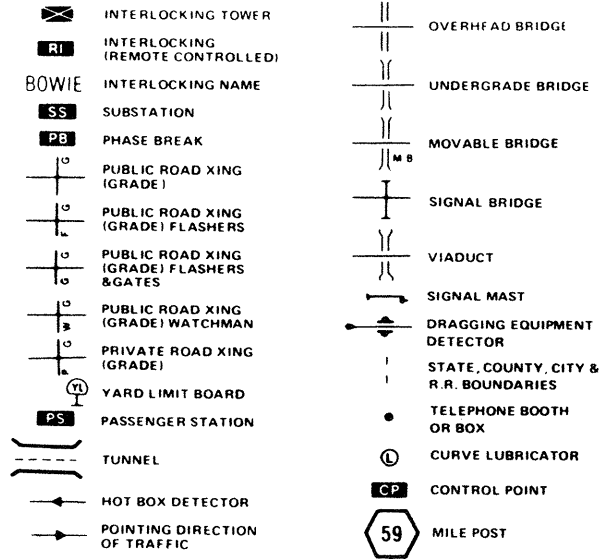
\*\* SITE TO BE LOCATED WITHIN AREA





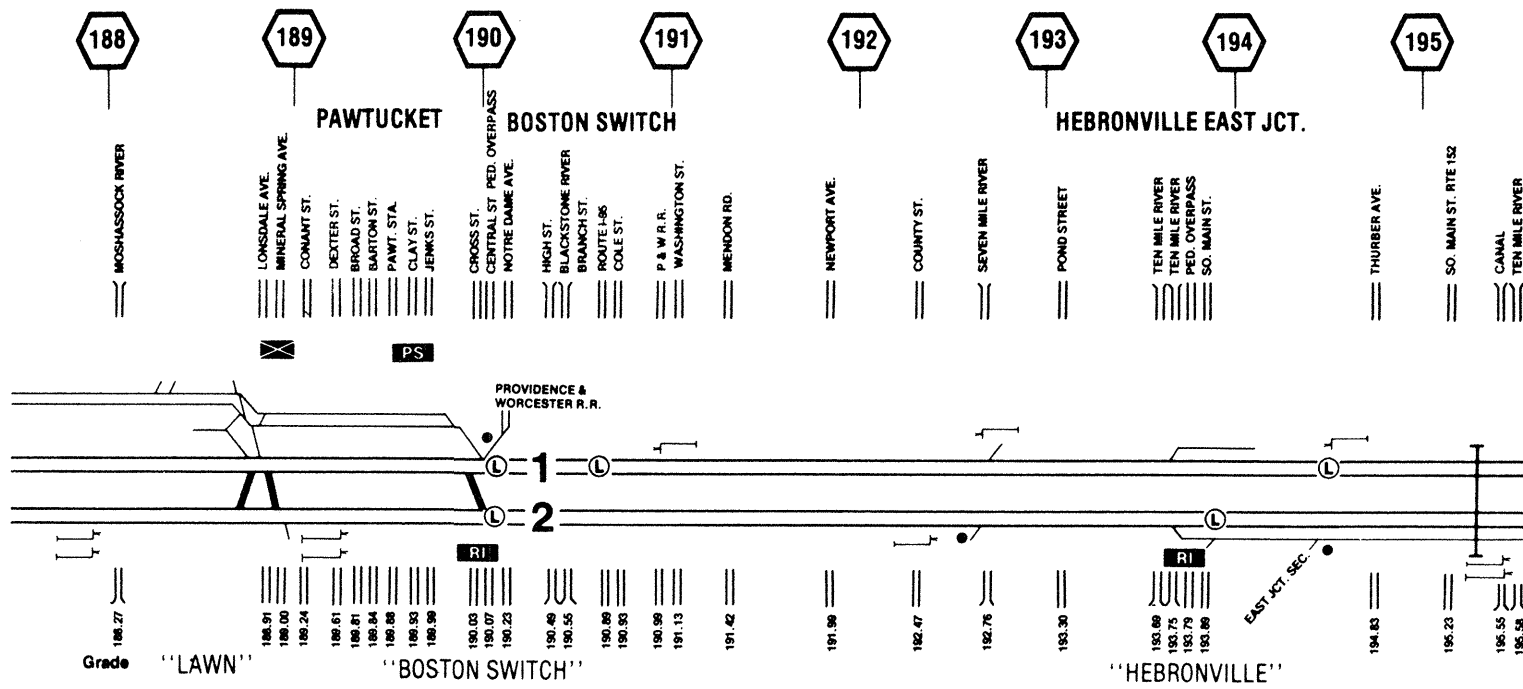
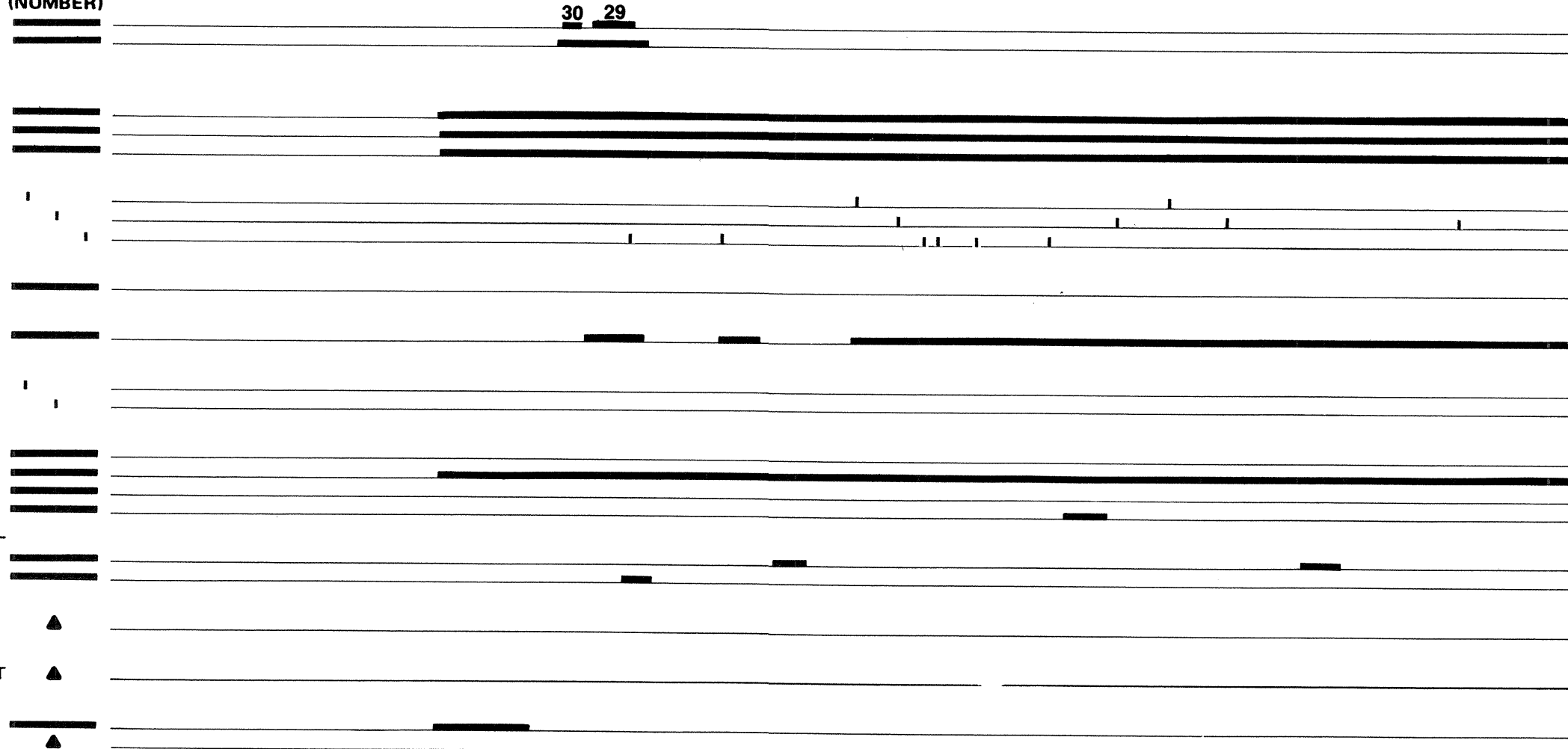


PROJECT ACTIVITIES  
BY LOCATION  
PROPOSED AS OF APRIL 1978



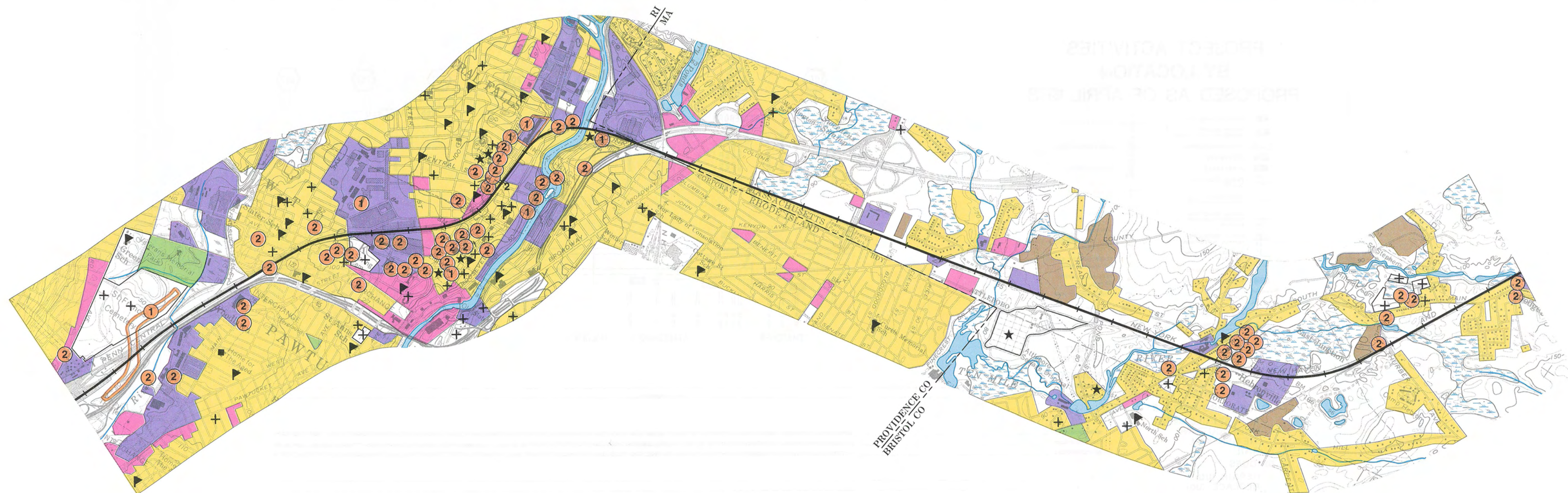
PROJECT	
ROUTE REALIGNMENT	
CURVE REALIGNMENT	
INTERLOCKINGS REPLACED	
TRACK IMPROVEMENTS	
BALLAST CLEANING/ UNDERCUTTING	
TIE RENEWAL	
RAIL	
BRIDGES	
REPAIR (UG)	
REPLACE (UG)	
MODIFY CLEARANCE (OH)	
TUNNELS	
LIMITS	
FENCING	
LIMITS	
GRADE CROSSINGS	
PUBLIC	
PRIVATE	
ELECTRIFICATION	
REHABILITATE	
NEW	
SUBSTATION	
SWITCHING STATION	
SIGNALING & TRAFFIC CONTROL	
UPGRADE	
REPLACE	
COMMUNICATIONS	
TOWER LOCATION	
STATIONS	
OPERATIONAL IMPROVEMENT	
MAINTENANCE FACILITIES	
MOW BASE	
SHOP	

EXTENT & LOCATION  
(NUMBER)

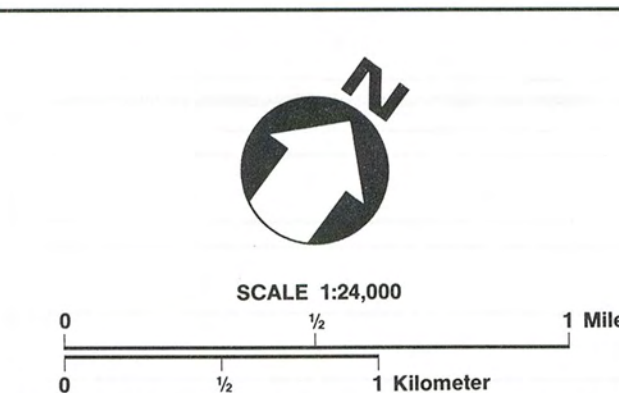


\* GENERALIZED LOCATION      \*\* SITE TO BE LOCATED WITHIN AREA





MILEPOSTS



SOURCE: U.S. Geological Survey maps, 1966-1974; aerial photography, May and December, 1976; applicable local land use and zoning plans.

- Residential
- Commercial/Retail
- Industrial
- Parks/Recreational
- Agriculture
- Undeveloped/Vacant

#### LEGEND

- Water Bodies
- Wetlands
- Shoreline and Streams
- Intermittent Streams
- Historical/Archeological Resources
- 1 National
- 2 State
- 3 Local

- Public Facility/Utility
- Educational Facility
- Religious Facility
- Institutional Facility
- Northeast Corridor

NORTHEAST CORRIDOR IMPROVEMENT PROJECT  
Federal Railroad Administration, Department of Transportation

## ENVIRONMENTAL PLANNING FACTORS

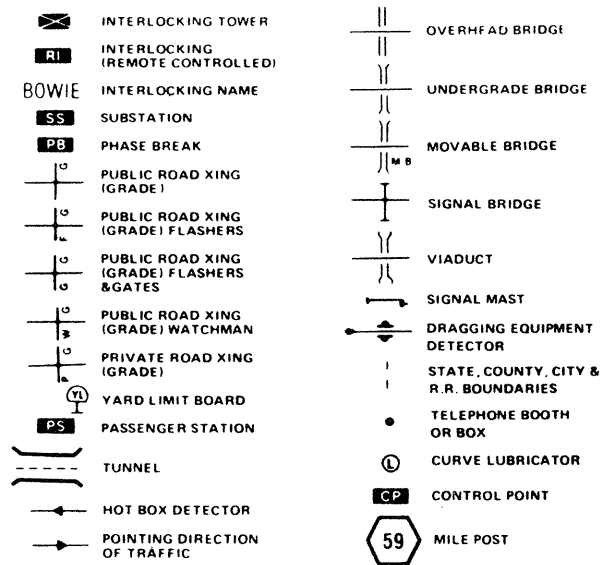
### PROGRAMMATIC ENVIRONMENTAL IMPACT STATEMENT

JULY 1977

FIGURE A-54



PROJECT ACTIVITIES  
BY LOCATION  
PROPOSED AS OF APRIL 1978



PROJECT

ROUTE REALIGNMENT  
CURVE REALIGNMENT  
INTERLOCKINGS REPLACED

TRACK IMPROVEMENTS  
BALLAST CLEANING/  
UNDERCUTTING  
TIE RENEWAL  
RAIL

BRIDGES  
REPAIR (UG)  
REPLACE (UG)  
MODIFY CLEARANCE (OH)

TUNNELS  
LIMITS

FENCING  
LIMITS

GRADE CROSSINGS  
PUBLIC  
PRIVATE

ELECTRIFICATION  
REHABILITATE  
NEW  
SUBSTATION  
SWITCHING STATION

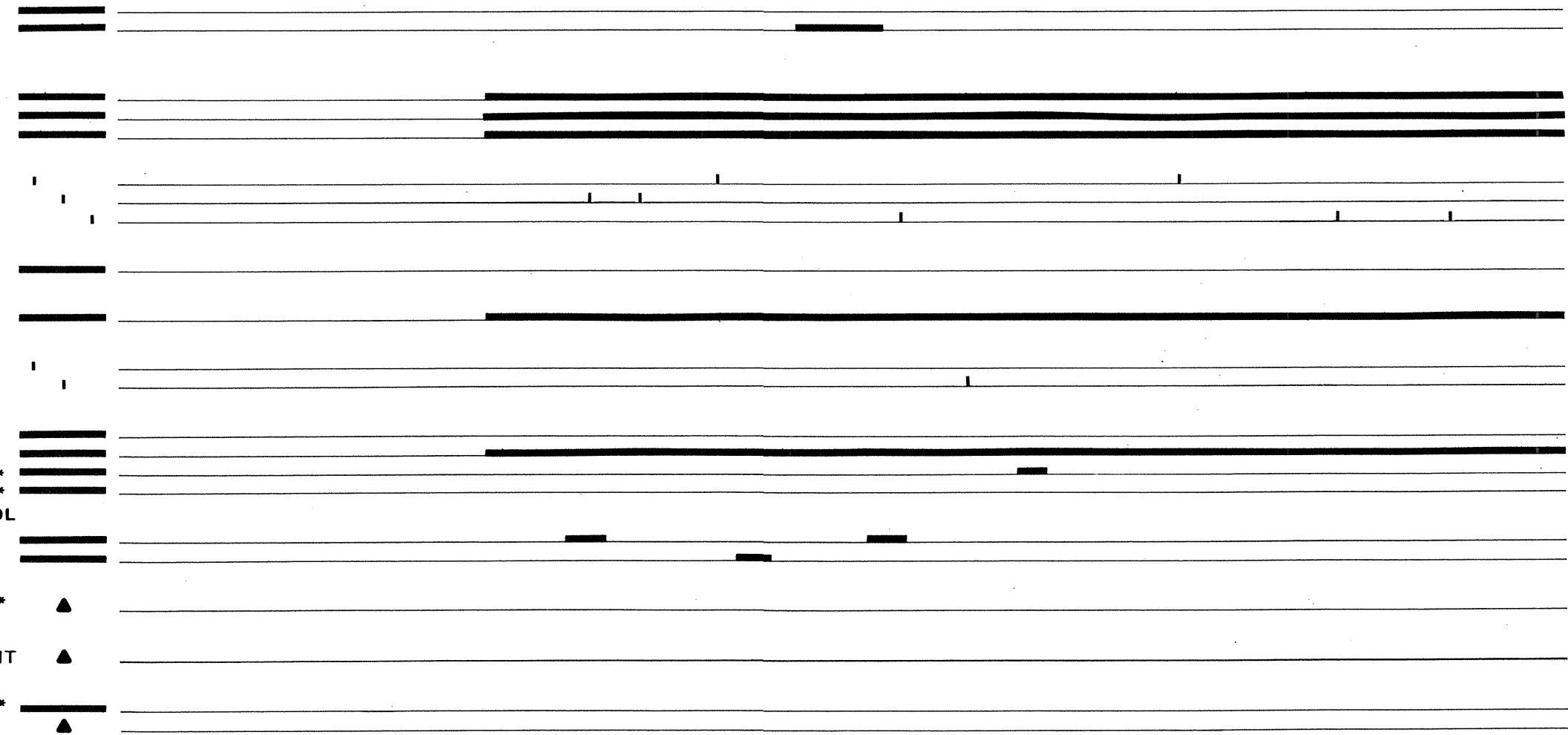
SIGNALING & TRAFFIC CONTROL  
UPGRADE  
REPLACE

COMMUNICATIONS  
TOWER LOCATION

STATIONS  
OPERATIONAL IMPROVEMENT

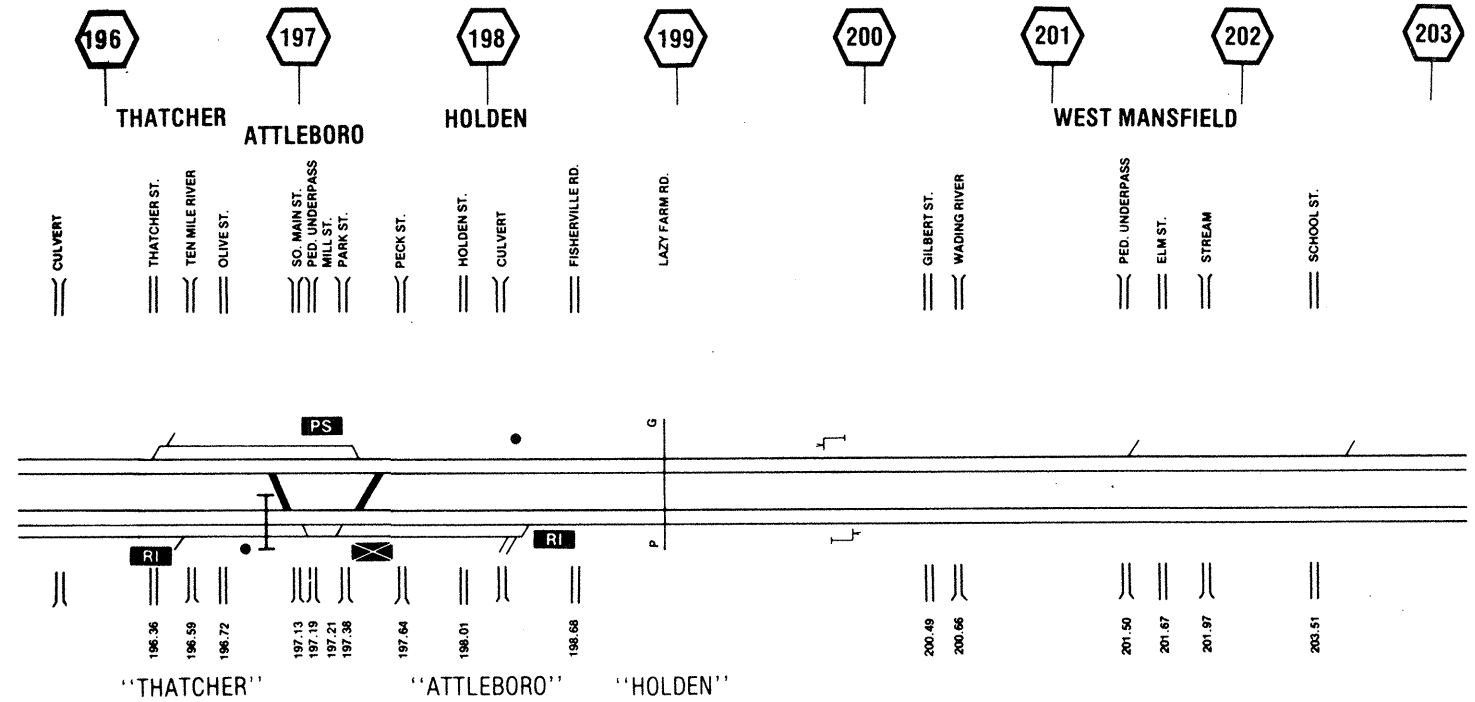
MAINTENANCE FACILITIES  
MOW BASE  
SHOP

EXTENT &  
LOCATION  
(NUMBER)

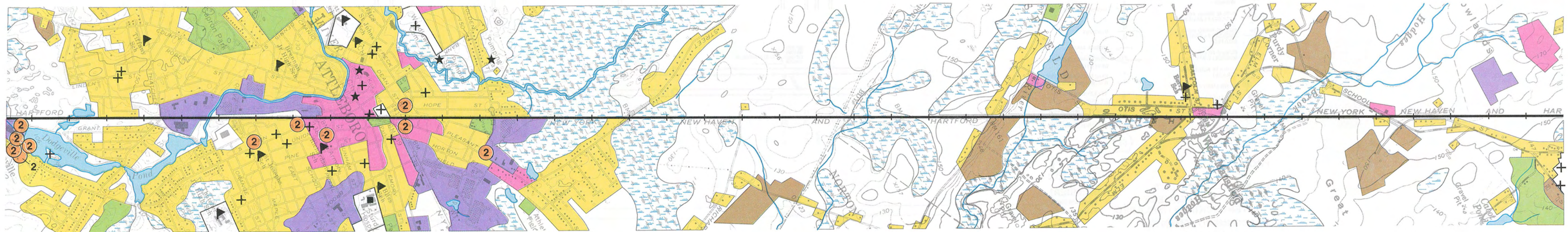


\* GENERALIZED LOCATION

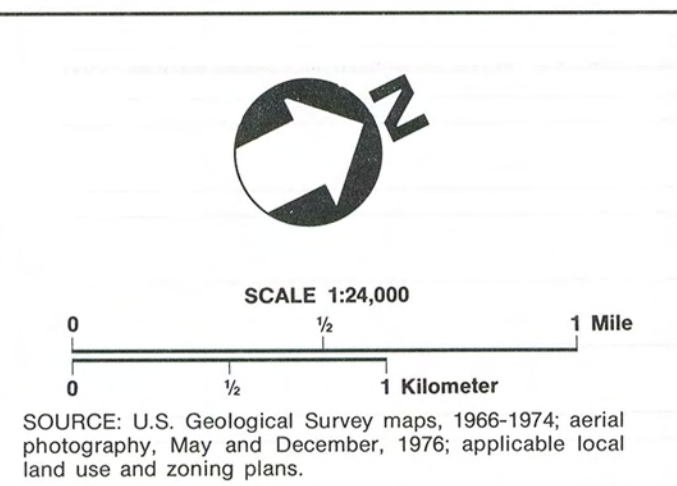
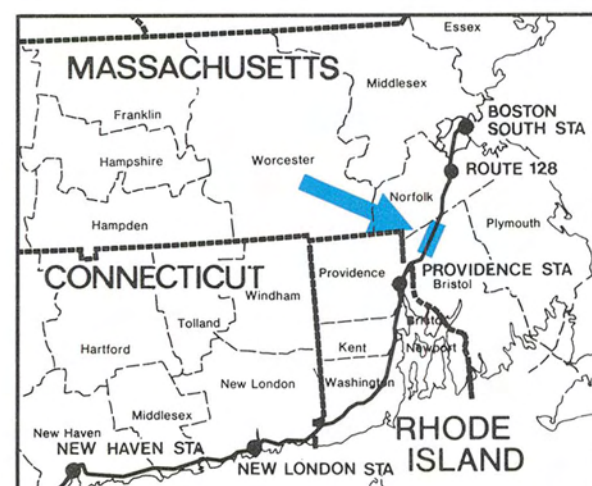
\*\* SITE TO BE LOCATED WITHIN AREA



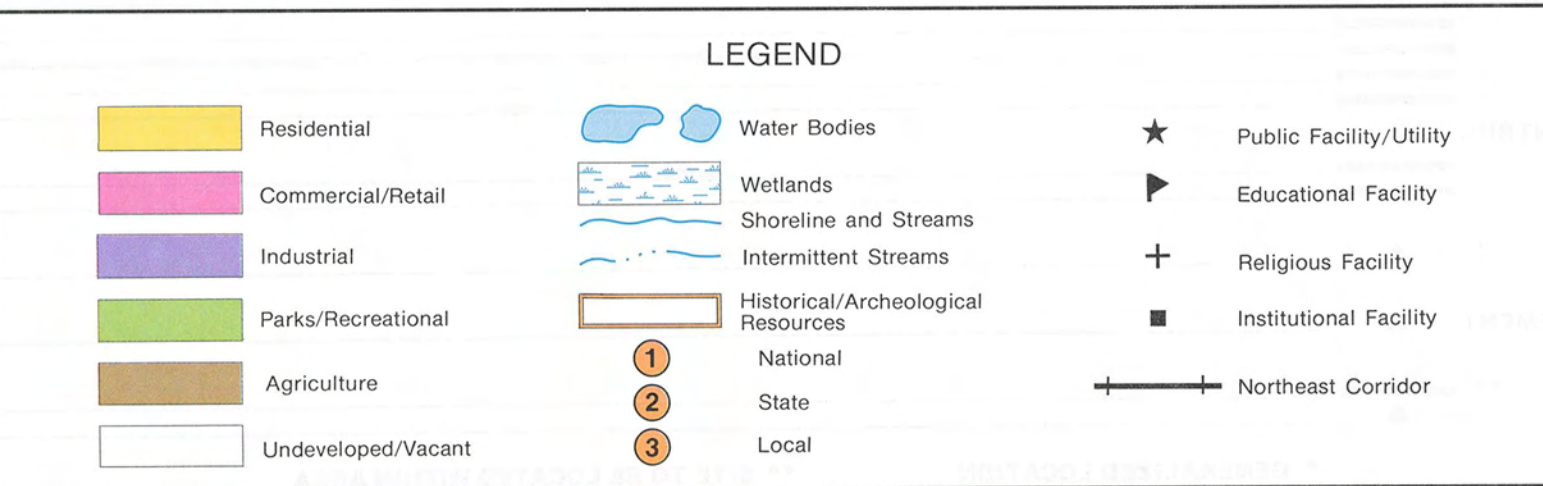




MILEPOSTS



SOURCE: U.S. Geological Survey maps, 1966-1974; aerial photography, May and December, 1976; applicable local land use and zoning plans.



NORTHEAST CORRIDOR IMPROVEMENT PROJECT

Federal Railroad Administration, Department of Transportation

## ENVIRONMENTAL PLANNING FACTORS

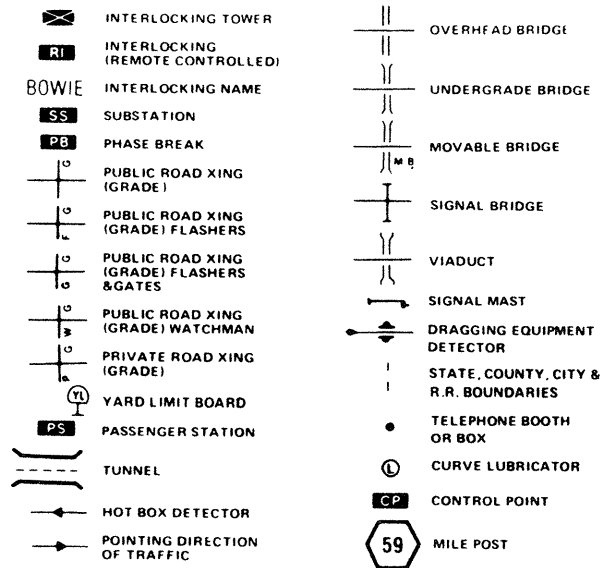
### PROGRAMMATIC ENVIRONMENTAL IMPACT STATEMENT

JULY 1977

FIGURE A-55



PROJECT ACTIVITIES  
BY LOCATION  
PROPOSED AS OF APRIL 1978



PROJECT

ROUTE REALIGNMENT  
CURVE REALIGNMENT  
INTERLOCKINGS REPLACED

TRACK IMPROVEMENTS  
BALLAST CLEANING/  
UNDERCUTTING  
TIE RENEWAL  
RAIL

BRIDGES  
REPAIR (UG)  
REPLACE (UG)  
MODIFY CLEARANCE (OH)

TUNNELS  
LIMITS

FENCING  
LIMITS

GRADE CROSSINGS  
PUBLIC  
PRIVATE

ELECTRIFICATION  
REHABILITATE  
NEW  
SUBSTATION  
SWITCHING STATION

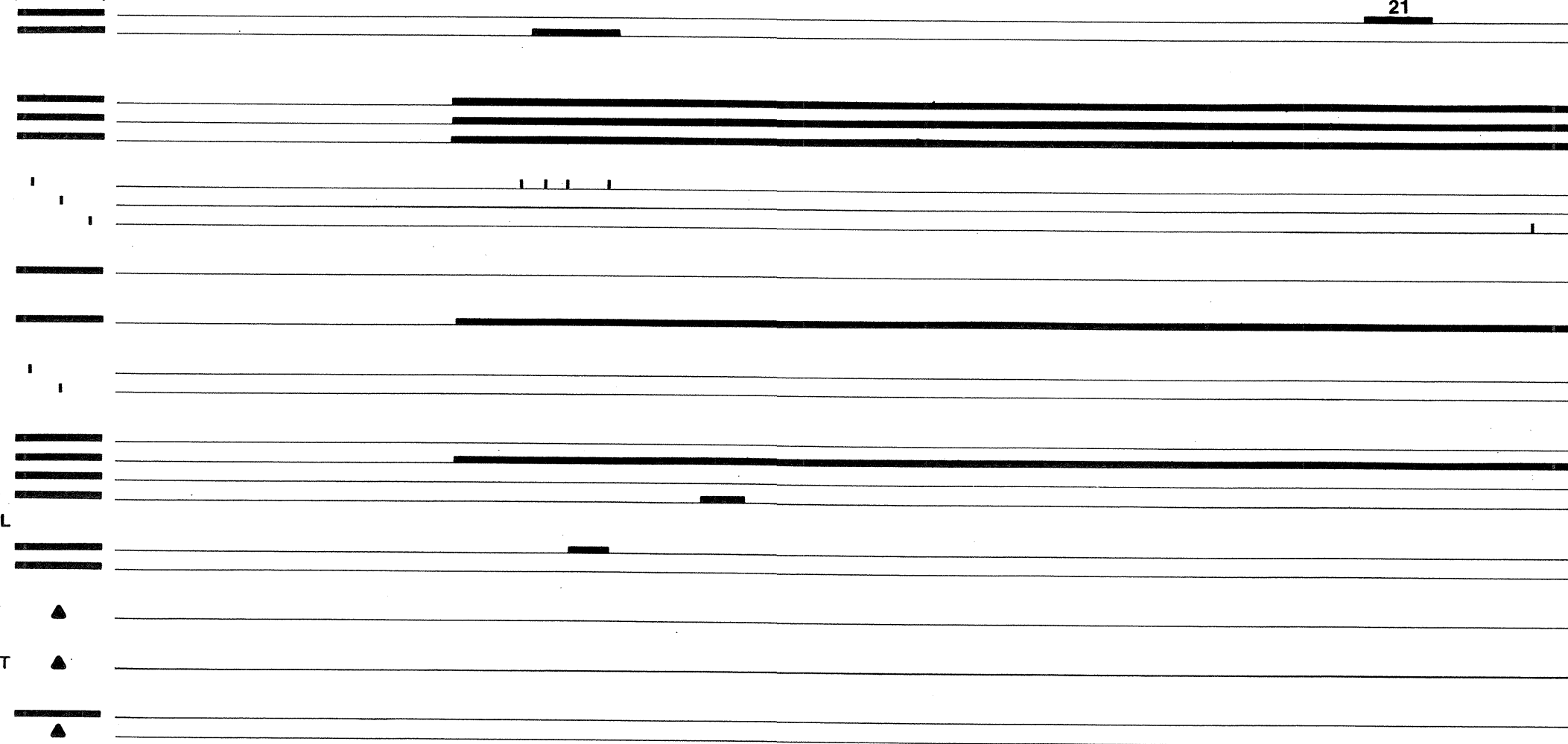
SIGNALING & TRAFFIC CONTROL  
UPGRADE  
REPLACE

COMMUNICATIONS  
TOWER LOCATION

STATIONS  
OPERATIONAL IMPROVEMENT

MAINTENANCE FACILITIES  
MOW BASE  
SHOP

EXTENT &  
LOCATION  
(NUMBER)



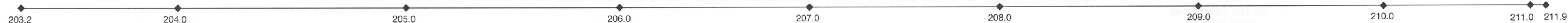
\* GENERALIZED LOCATION

\*\* SITE TO BE LOCATED WITHIN AREA

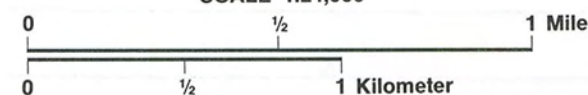




MILEPOSTS

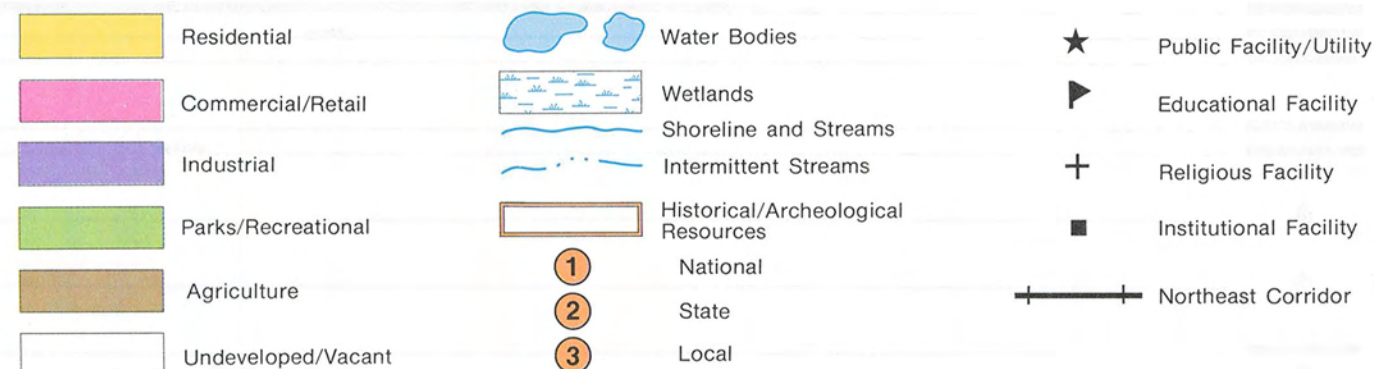


SCALE 1:24,000



SOURCE: U.S. Geological Survey maps, 1966-1974; aerial photography, May and December, 1976; applicable local land use and zoning plans.

# LEGEND



NORTHEAST CORRIDOR IMPROVEMENT PROJECT  
Federal Railroad Administration, Department of Transportation

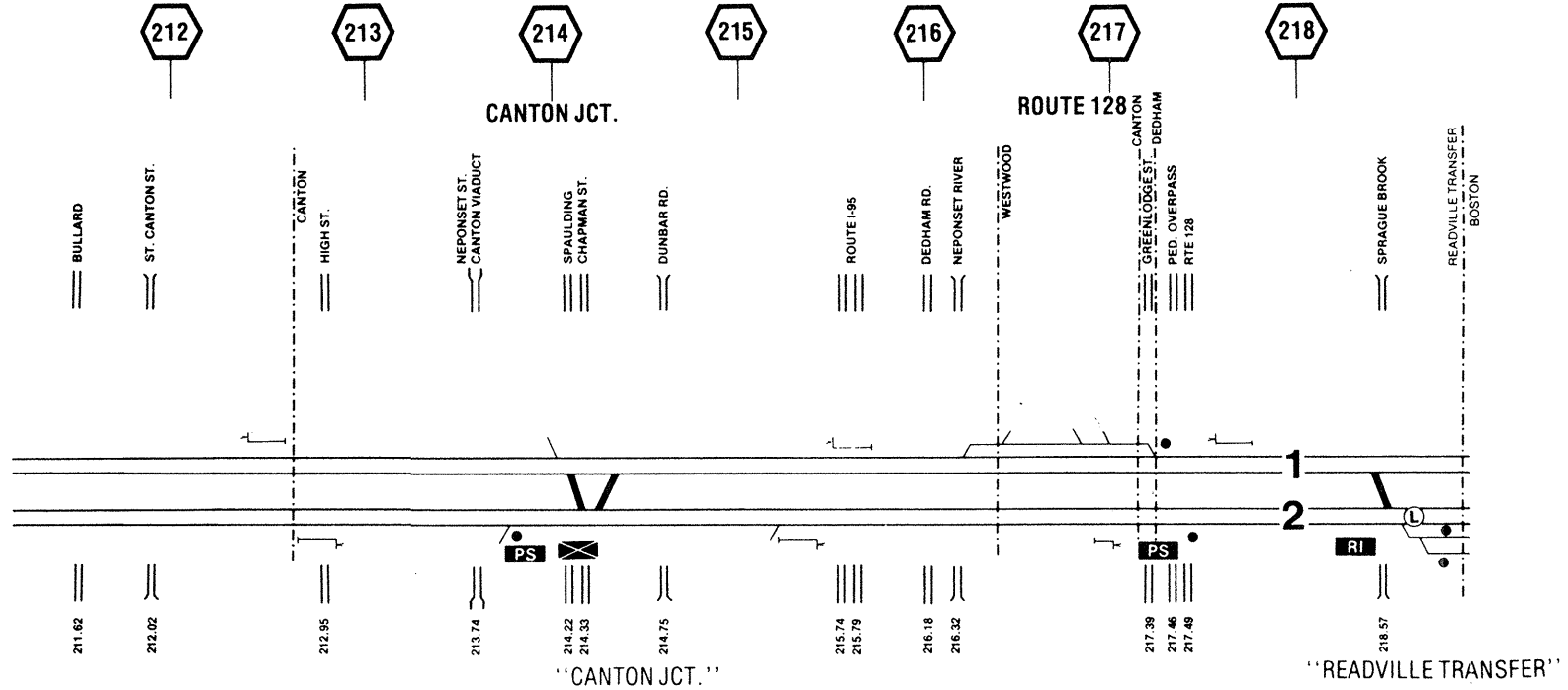
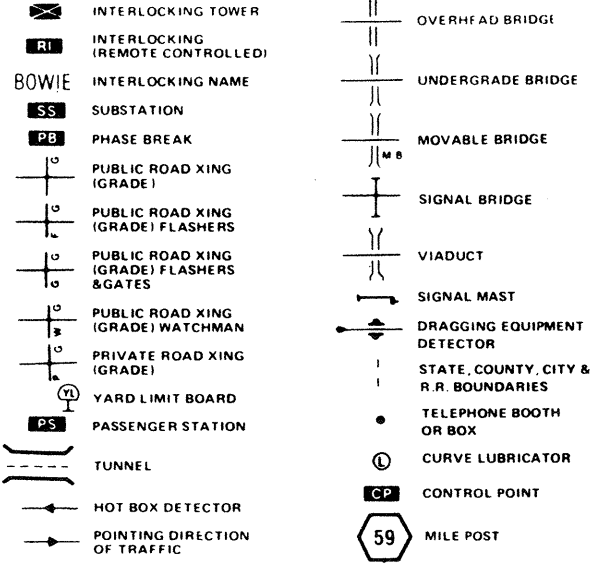
## ENVIRONMENTAL PLANNING FACTORS PROGRAMMATIC ENVIRONMENTAL IMPACT STATEMENT

JULY 1977

FIGURE A-56



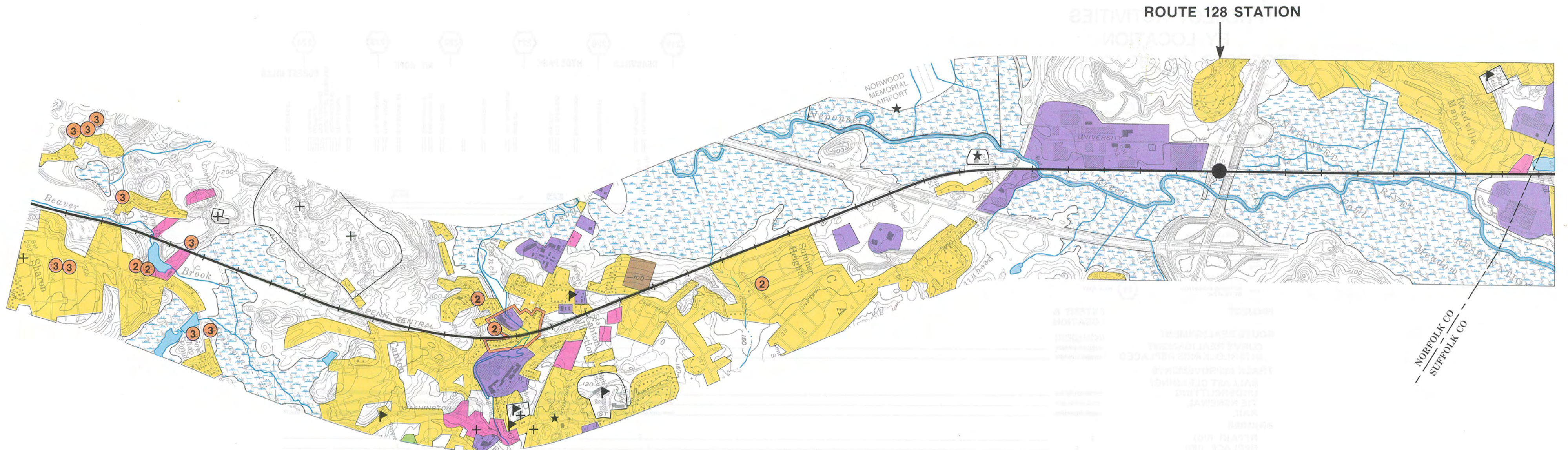
PROJECT ACTIVITIES  
BY LOCATION  
PROPOSED AS OF APRIL 1978



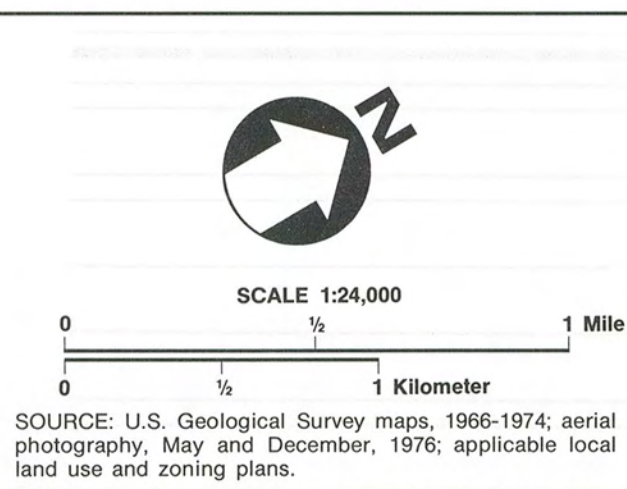
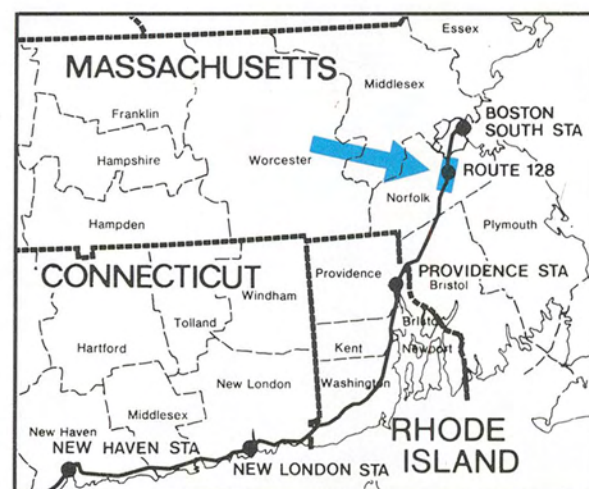
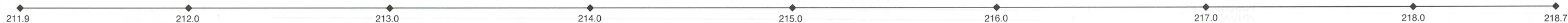
PROJECT		EXTENT & LOCATION
ROUTE REALIGNMENT		(NUMBER)
CURVE REALIGNMENT		19 18
INTERLOCKINGS REPLACED		
TRACK IMPROVEMENTS		
BALLAST CLEANING/ UNDERCUTTING		
TIE RENEWAL		
RAIL		
BRIDGES		
REPAIR (UG)		
REPLACE (UG)		
MODIFY CLEARANCE (OH)		
TUNNELS		
LIMITS		
FENCING		
LIMITS		
GRADE CROSSINGS		
PUBLIC		
PRIVATE		
ELECTRIFICATION		
REHABILITATE		
NEW		
SUBSTATION		*
SWITCHING STATION		*
SIGNALING & TRAFFIC CONTROL		
UPGRADE		
REPLACE		
COMMUNICATIONS		
TOWER LOCATION		*
STATIONS		
OPERATIONAL IMPROVEMENT		
MAINTENANCE FACILITIES		
MOW BASE		**
SHOP		

\* GENERALIZED LOCATION      \*\* SITE TO BE LOCATED WITHIN AREA





MILEPOSTS



NORTHEAST CORRIDOR IMPROVEMENT PROJECT  
Federal Railroad Administration, Department of Transportation

## ENVIRONMENTAL PLANNING FACTORS

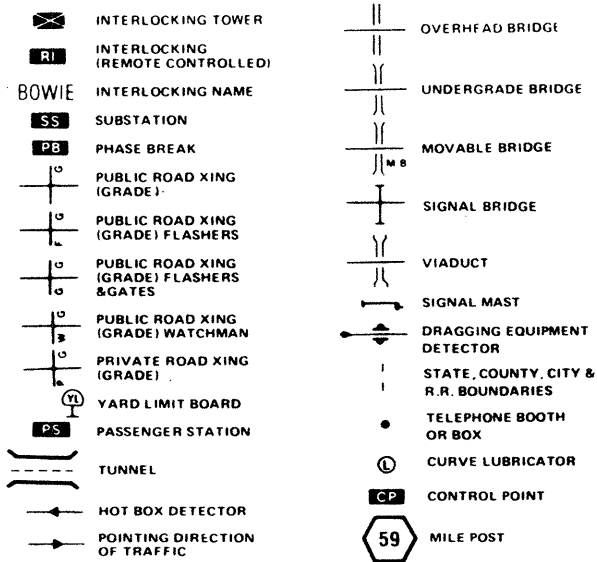
### PROGRAMMATIC ENVIRONMENTAL IMPACT STATEMENT

JULY 1977

FIGURE A-57



PROJECT ACTIVITIES  
BY LOCATION  
PROPOSED AS OF APRIL 1978



PROJECT

EXTENT & LOCATION

ROUTE REALIGNMENT

(NUMBER)

CURVE REALIGNMENT  
INTERLOCKINGS REPLACED

TRACK IMPROVEMENTS

BALLAST CLEANING/  
UNDERCUTTING  
TIE RENEWAL  
RAIL

BRIDGES

REPAIR (UG)  
REPLACE (UG)  
MODIFY CLEARANCE (OH)

TUNNELS

LIMITS

FENCING

LIMITS

GRADE CROSSINGS

PUBLIC  
PRIVATE

ELECTRIFICATION

REHABILITATE  
NEW  
SUBSTATION  
SWITCHING STATION

SIGNALING & TRAFFIC CONTROL

UPGRADE  
REPLACE

COMMUNICATIONS

TOWER LOCATION

STATIONS

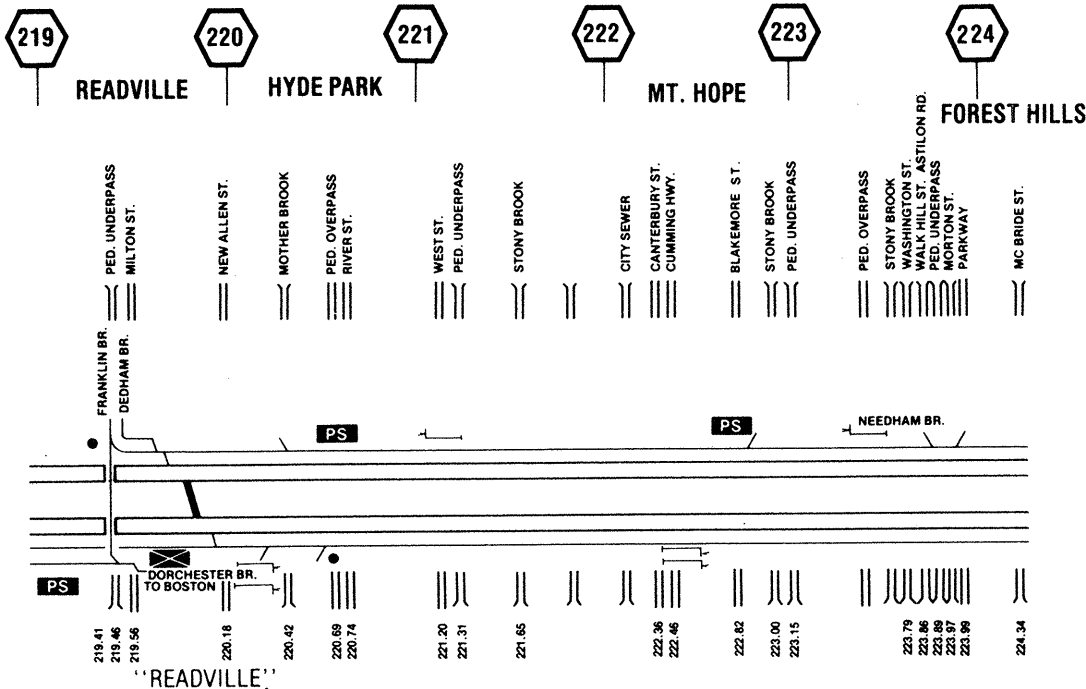
OPERATIONAL IMPROVEMENT

MAINTENANCE FACILITIES

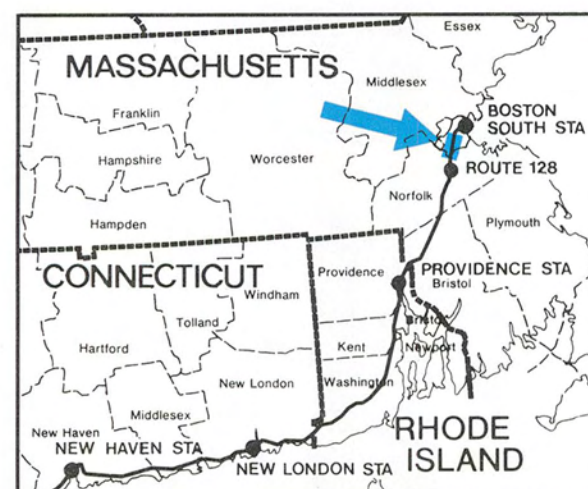
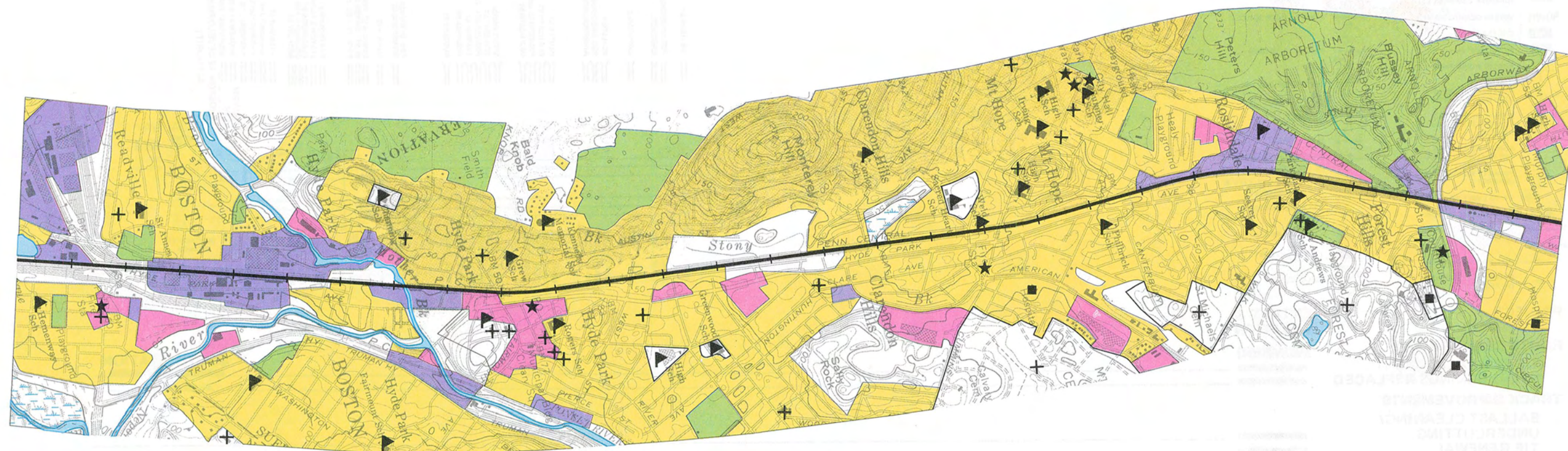
MOW BASE  
SHOP

\* GENERALIZED LOCATION

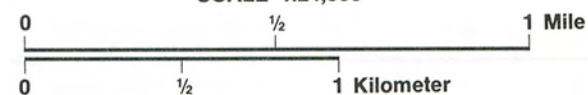
\*\* SITE TO BE LOCATED WITHIN AREA







SCALE 1:24,000



SOURCE: U.S. Geological Survey maps, 1966-1974; aerial photography, May and December, 1976; applicable local land use and zoning plans.

#### LEGEND

- Residential
- Commercial/Retail
- Industrial
- Parks/Recreational
- Agriculture
- Undeveloped/Vacant

- Water Bodies
- Wetlands
- Shoreline and Streams
- Intermittent Streams
- Historical/Archeological Resources
- 1 National
- 2 State
- 3 Local

- Public Facility/Utility
- Educational Facility
- Religious Facility
- Institutional Facility
- Northeast Corridor

NORTHEAST CORRIDOR IMPROVEMENT PROJECT

Federal Railroad Administration, Department of Transportation

## ENVIRONMENTAL PLANNING FACTORS

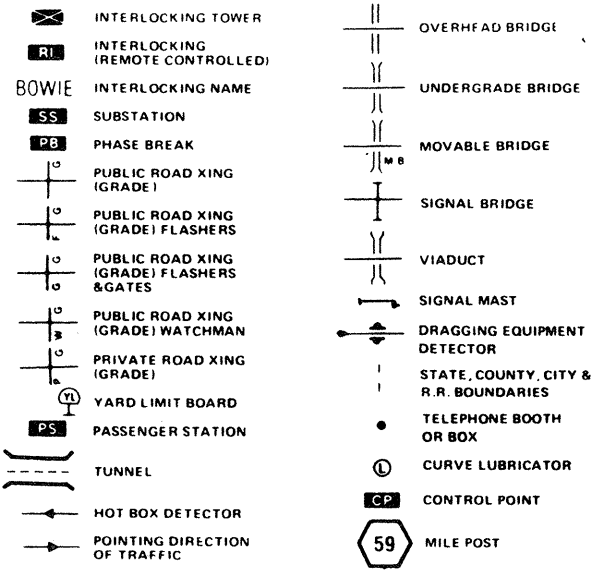
### PROGRAMMATIC ENVIRONMENTAL IMPACT STATEMENT

JULY 1977

FIGURE A-58

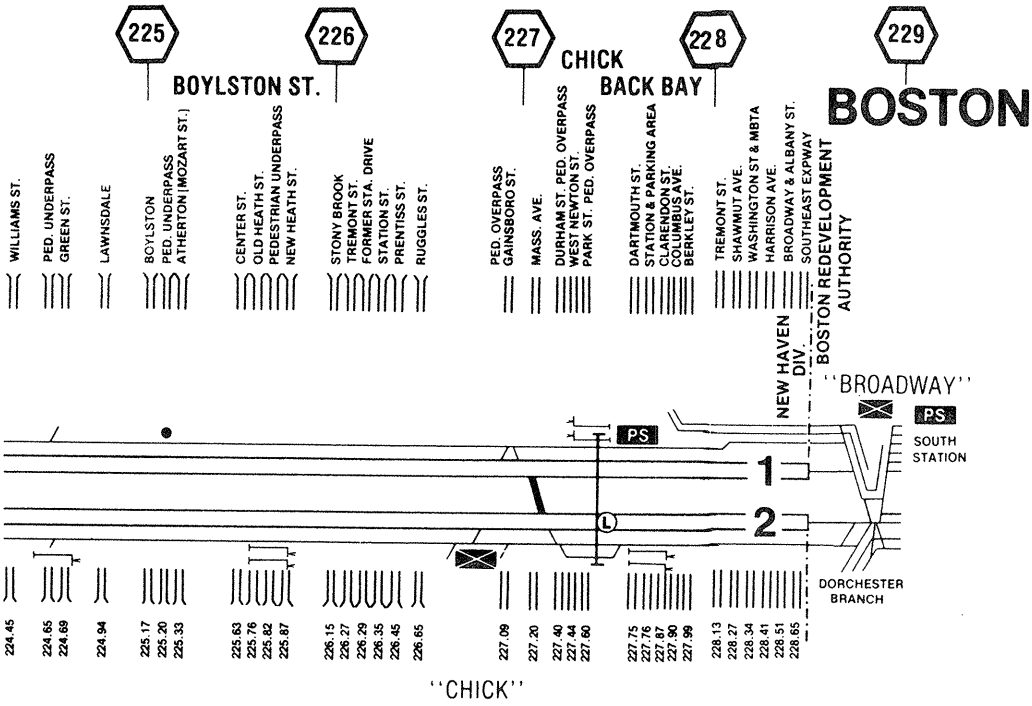


PROJECT ACTIVITIES  
BY LOCATION  
PROPOSED AS OF APRIL 1978

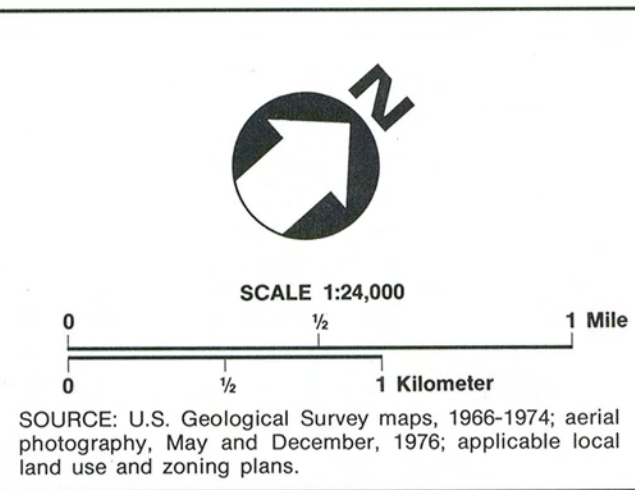
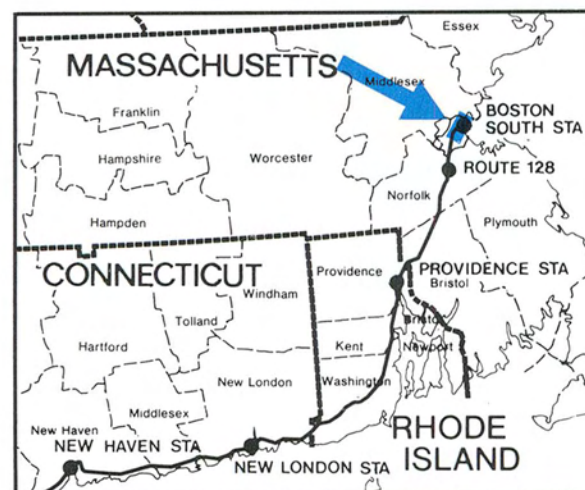
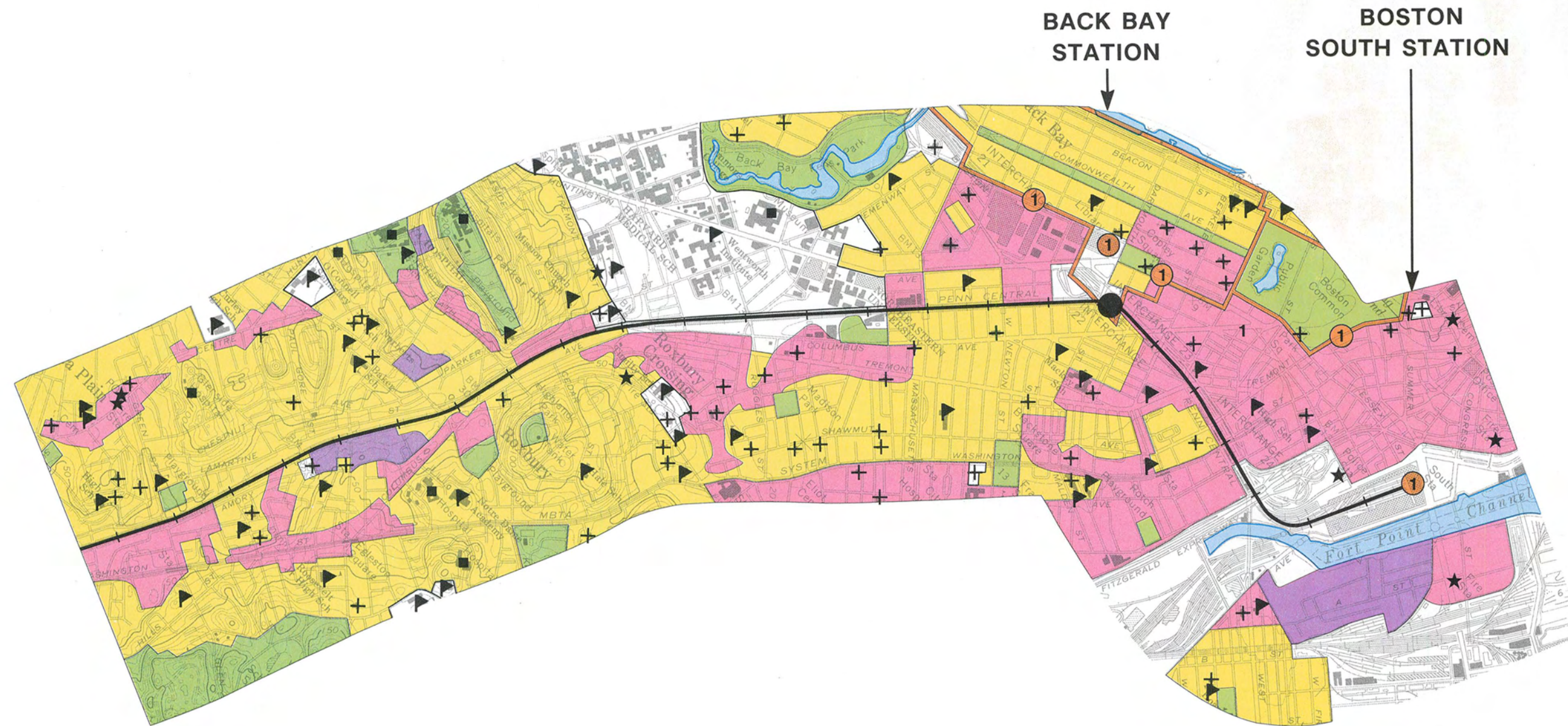


PROJECT	EXTENT & LOCATION
ROUTE REALIGNMENT	(NUMBER)
CURVE REALIGNMENT	
INTERLOCKINGS REPLACED	
TRACK IMPROVEMENTS	
BALLAST CLEANING/ UNDERCUTTING	
TIE RENEWAL	
RAIL	
BRIDGES	
REPAIR (UG)	
REPLACE (UG)	
MODIFY CLEARANCE (OH)	
TUNNELS	
LIMITS	
FENCING	
LIMITS	
RADE CROSSINGS	
PUBLIC	
PRIVATE	
ELECTRIFICATION	
REHABILITATE	
NEW	
SUBSTATION	*
SWITCHING STATION	*
SIGNALING & TRAFFIC CONTROL	
UPGRADE	
REPLACE	
COMMUNICATIONS	
TOWER LOCATION	*
STATIONS	
OPERATIONAL IMPROVEMENT	
MAINTENANCE FACILITIES	
MOW BASE	**
SHOP	

\* GENERALIZED LOCATION      \*\* SITE TO BE LOCATED WITHIN AREA







NORTHEAST CORRIDOR IMPROVEMENT PROJECT

Federal Railroad Administration, Department of Transportation

**ENVIRONMENTAL PLANNING FACTORS**

**PROGRAMMATIC ENVIRONMENTAL IMPACT STATEMENT**

JULY 1977

FIGURE A-59