

## **Appendix 4.6-A**

### **Noise Monitoring Field Notes**



Technical Report  
Noise and Vibration  
Draft

# Attleboro Line



**Technical Report  
Noise and Vibration  
Draft**

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Day/Night#	Location	Land Use Category	Existing Leq (daytime)	Existing Leq (night time)	
	Taunton				
13 / 14	1 Webster Street • (12/14) <sup>HOUSE</sup>	2	415 - 435 56.7	705 - 730 53.4	EOP/SIDEWALK
12 / 15	2 Hoton Street	2	335 - 355 48.4	740 - 800 41.4	EOP
11 / 16	3 Powder Horn Drive	2	3 - 320 48.3	815 - 835 40.7	EOP
9 (10) / 17 (18)	4 Jeffrery Lane • A 1 School Bus @ 220 / 1 UPS TRUCK @ 215 / 1 COPELAND #17 (18)	2	205 - 225 / 220, 250 56.0 / (45.6)	845 - 905 / 905 - 925 51.8 / (39.7)	@ EOP
	Norton				EV 43
8 / 19	5 Garrett Drive	2	125 - 135 39.8	935 - 955 42.7	@ EOP
7 / 20	6 Sturdy Street	2	105 - 125 46.5	1005 - 1025 41.1	30' off EOP
	Attleboro				NIGHT +8
6 / 21	7 Pike Avenue	2	1235 - 1255 55.8	1035 - 1055 50.2	25' off EOP
5 / 22	8 Frontier Drive	2	1205 - 1225 46.8	1105 - 1135 39.9	@ EOP
	Mansfield				
1, 23 (9) / 23 (24)	9 Gilbert Street @ Active Rail + Cars on Gilbert	2	1130 - 1150 T-64.5 / (53.9)	1135 - 1200 T-63.3 / (47.0)	30' EOP

### ⑨ GILBERT DAY

# 2 - 1 TRAIN 25 MIN 74.7

# 3 - 1 TRAIN 20 MIN 64.0

# 4 - 0 TRAINS 5 min 53.9

### Night

# 23 - 1 TRAIN 12 MIN 63.3

# 24 - 0 TRAINS 11 MIN 47.0

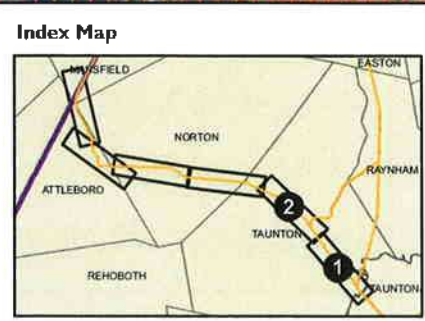
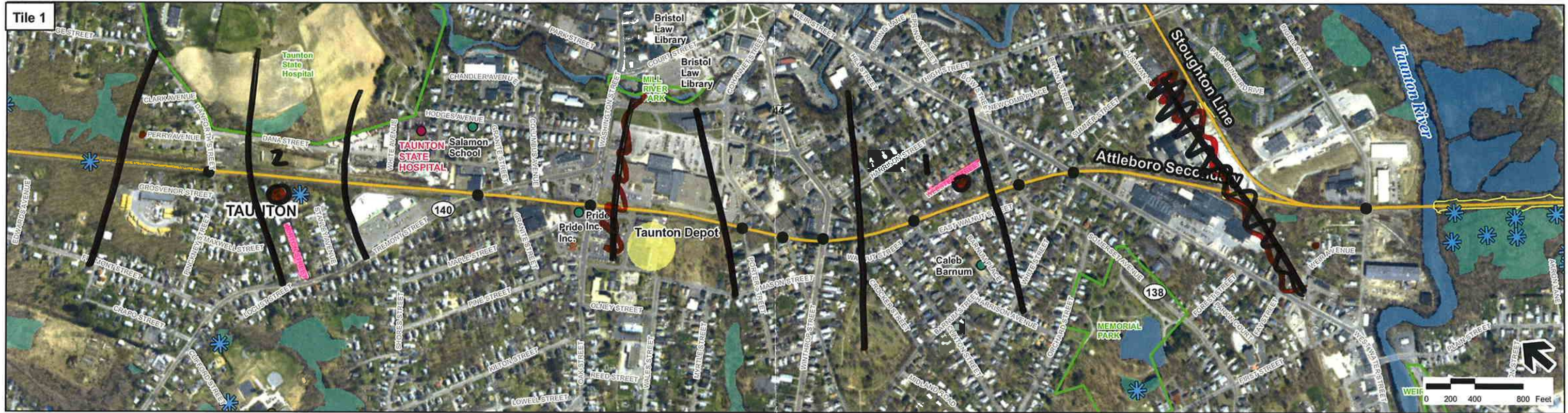




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**Figure 5-5a**  
**Attleboro Secondary from Cotley Junction to Attleboro Bypass**

Source: MassGIS  
 Prepared by: Vanasse Hangen Brustlin, Inc

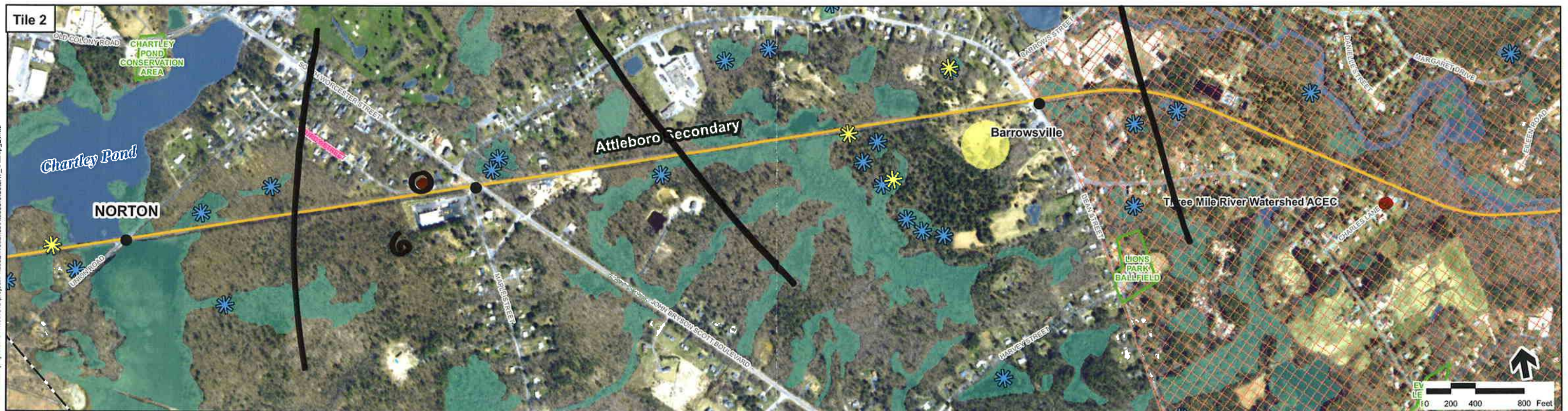




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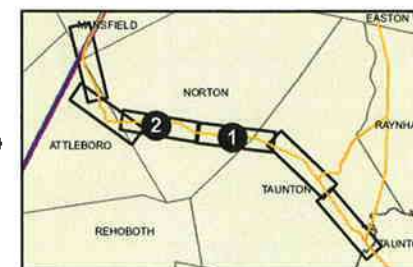




#### Legend

- |                            |                               |  |   |
|----------------------------|-------------------------------|--|---|
| ● Community Health Centers | — Proposed Rail Alternative   | ☼ NHESP Certified Vernal Pools                   | ☒ Area of Critical Environmental Concern (ACEC) |
| ● Hospitals                | ● Grade Crossings             | ☼ NHESP Potential Vernal Pools                   | □ Public Open Space                             |
| ● Libraries                | ● Proposed Station Site       | ☒ Zone A Surface Water Supply Protection Areas   | — Flagged Wetland (Previous Study)              |
| ● Colleges                 | □ Existing Layover Facilities | ● Public Water Supplies                          | ■ DEP Wetlands                                  |
| ● Schools                  | ○ MBTA Commuter Rail Station  | ● Zone I (400ft buffer of Public Water Supplies) | ■ DEP Open Water                                |
| □ Town Boundaries          | — MBTA Commuter Rail          |  |   |

#### Index Map



**EOT**

**SCR SOUTH COAST RAIL**

**Figure 5-5b**  
**Attleboro Secondary from Cotley Junction to Attleboro Bypass**

Source: MassGIS  
 Prepared by: Vanasse Hangen Brustlin, Inc.

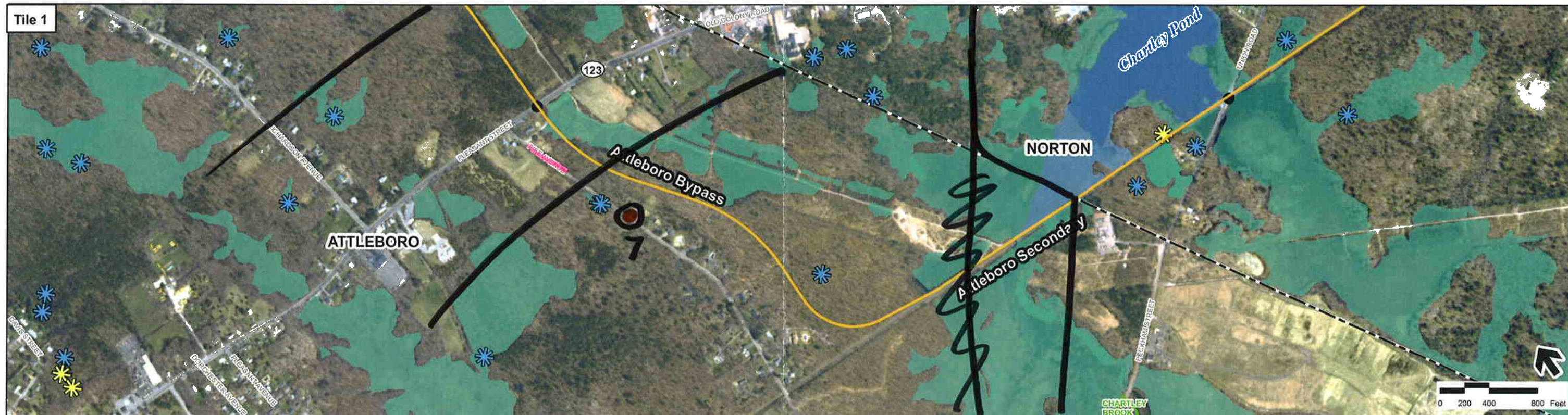




Technical Report  
Noise and Vibration  
Draft

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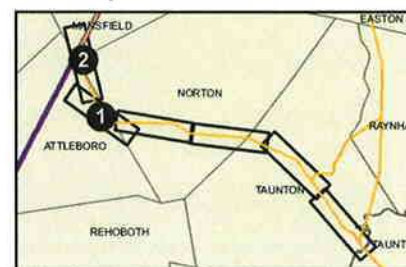




#### Legend

- |                            |                               |  |   |
|----------------------------|-------------------------------|--|---|
| ● Community Health Centers | — Proposed Rail Alternative   | ☼ NHESP Certified Vernal Pools                   | ⊠ Area of Critical Environmental Concern (ACEC) |
| ● Hospitals                | ● Grade Crossings             | ☼ NHESP Potential Vernal Pools                   | □ Public Open Space                             |
| ● Libraries                | ● Proposed Station Site       | ☼ Field Verified Vernal Pools                    | — Flagged Wetland (Previous Study)              |
| ● Colleges                 | □ Existing Layover Facilities | ▨ Zone A Surface Water Supply Protection Areas   | ■ DEP Wetlands                                  |
| ● Schools                  | ○ MBTA Commuter Rail Station  | ● Public Water Supplies                          | ■ DEP Open Water                                |
| □ Town Boundaries          | — MBTA Commuter Rail          | ● Zone I (400ft buffer of Public Water Supplies) |   |

#### Index Map



Frontier Dr.  
**EOT**



**Figure 5-5c**  
**Attleboro Secondary from Cotley Junction to Attleboro Bypass**

**WORK SHEET**

Source: MassGIS  
Prepared by: Vanasse Hangen Brustlin, Inc





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Technical Report  
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# Northeast Corridor





**Technical Report  
Noise and Vibration  
Draft**

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Rn#

21

DAY 2,3,4,5

6/13/19

7/17

8/9

10/16

11/14/15

12,13

#	Location	Land Use Category	Existing Leq (daytime)	Existing Leq (night time)
	Dedham		1140-1155	945-1000
21	Hooper Road	2	44	47.3
	Westwood			
	University Ave (Funeral Institute of			
	Canton			
	I-95 - Industrail		1145-1155	945-950
20	Cedarcrest Road		48.8	50.2
	Chapman Street		110-120	950-905
19	Norfolk Street # 123		60.6	56.0
	High Street			
	Sharon			
18	Rhodes Avenue			
	Upland Road (Route 27)		135-150	815-830
17	Flintlock Road - Deborah Sampson		45.7	44.3
	Chase Drive - Islamic Academy of		210-225	
16	Old Wolomolopoag Street		44.2	DOG BARK
	Burnt Bridge Rd			
	Foxborough			
	East Street		240-255	750-800
15	Keryns Way EAST ST (#140)		60.7	53.1
	Summer Street			
	Mansfield			
14	Angell Street			
	Chauncy Street		310-325	725-740
13	Central Street		52.0	48.9
12	Old School Street		59.6	57.0
	Otis Street		305-350	710-715
10	Gilbert Street (without Trains)	2	53.9	47.0

50' from BARRIER @ EOP

Amusement MUSEE Anti, Sla

@ Cul de Sac EOP

on SW @ 123 N/O Paul

@ Cul de Sac EOP

@ Cul de Sac EOP

25' OFF EOP (Kids @ Play)

EOP 25' FROM END OF Cul De Sac

@ Ground turn around 2 100' FROM it

14 - DOG BARK - JUNK

15, ON HIGH ST.

#18 w/ TRAIN 3 min 64.9 dBA 340-345

#2 w/ TRAIN 5 min 70.5 dBA (1225-1230)

#3 w/ TRAIN 4 min 60.1 (1230-1235)

#4 w/ TRAIN 5 min 67.3 (1235-1240)

#5 w/ TRAIN 1 min 62.7 (202-203)

Location	Land Use Category	Existing Leq (daytime)	Existing Leq (night time)	Existing Ldn
Dedham				
<b>Hooper Road</b>		<b>44</b>	<b>47.3</b>	<b>50.3</b>
Westwood				
University Ave (Funeral Institute of the North East)				
Canton				
I-95 - Industrial				
<b>Cedarcrest Road</b>		<b>48.8</b>	<b>50.2</b>	<b>53.2</b>
Chapman Street				
<b>Norfolk Street</b>		<b>60.6</b>	<b>56.0</b>	<b>59.0</b>
High Street				
Sharon				
Rhodes Avenue				
Upland Road (Route 27)				
<b>Flintlock Road - Deborah Sampson Park)</b>		<b>45.7</b>	<b>44.3</b>	<b>47.3</b>
Chase Drive - Islamic Academy of N.E.				
<b>Burnt Bridge Road</b>		<b>44.2</b>	<b>-</b>	<b>42.2</b>
Foxborough				
<b>East Street</b>		<b>60.7</b>	<b>53.1</b>	<b>56.1</b>
Summer Street				
Mansfield				
Angell Street				
Chauncy Street (Route 106)				
<b>Central Street / High Street</b>		<b>52.0</b>	<b>48.9</b>	<b>51.9</b>
<b>Old School Street</b>		<b>59.6</b>	<b>57.0</b>	<b>60.0</b>
Otis Street				
<b>Gilbert Street (without Trains)</b>	<b>2</b>	<b>53.9</b>	<b>47.0</b>	<b>55.0</b>
<b>Gilbert Street (with Trains)</b>	<b>2</b>	<b>64.0</b>	<b>63.3</b>	<b>71.3</b>





#### Legend

- |                          |                             |  |   |
|--------------------------|-----------------------------|--|---|
| Community Health Centers | Proposed Rail Alternative   | NHESP Certified Vernal Pools                   | Area of Critical Environmental Concern (ACEC) |
| Hospitals                | Grade Crossings             | NHESP Potential Vernal Pools                   | Public Open Space                             |
| Libraries                | Proposed Station Site       | Zone A Surface Water Supply Protection Areas   | Flagged Wetland (Previous Study)              |
| Colleges                 | Existing Layover Facilities | Public Water Supplies                          | DEP Wetlands                                  |
| Schools                  | MBTA Commuter Rail Station  | Zone I (400ft buffer of Public Water Supplies) | DEP Open Water                                |
| Town Boundaries          | MBTA Commuter Rail          |  |   |

#### Index Map



**EOT**

Source: MassGIS  
Prepared by: Vanasse Hangen Brustlin, Inc.



**Figure 5-6a**

**Northeast Corridor**



15 - Keryas Way

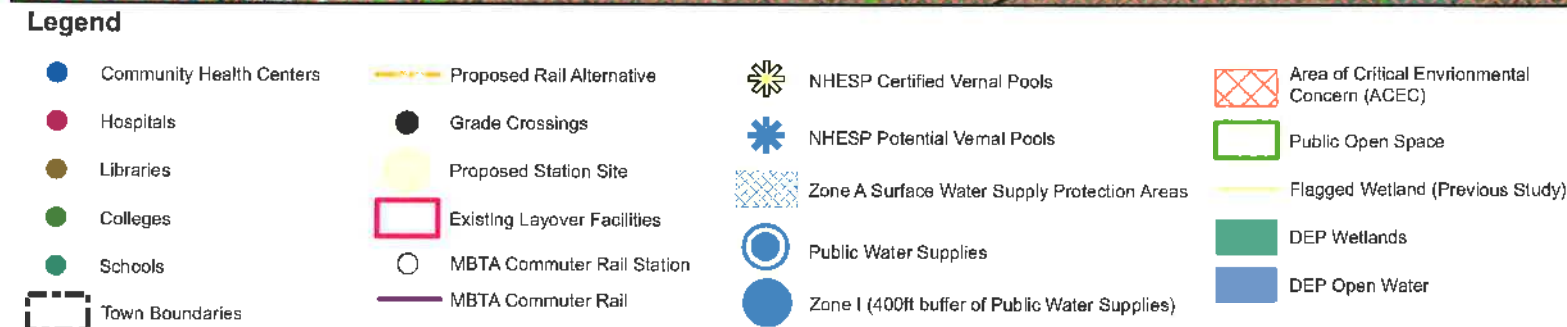


Figure 5-6b  
Northeast Corridor

Source: MassGIS  
Prepared by: Vanasse Hangen Brustlin, Inc



17 - Flintlock Road



Legend

- |                            |                               |  |   |
|----------------------------|-------------------------------|--|---|
| ● Community Health Centers | — Proposed Rail Alternative   | ☼ NHESP Certified Vernal Pools                   | ⊠ Area of Critical Environmental Concern (ACEC) |
| ● Hospitals                | ● Grade Crossings             | ☼ NHESP Potential Vernal Pools                   | □ Public Open Space                             |
| ● Libraries                | ● Proposed Station Site       | ▨ Zone A Surface Water Supply Protection Areas   | ▨ Flagged Wetland (Previous Study)              |
| ● Colleges                 | ▭ Existing Layover Facilities | ● Public Water Supplies                          | ■ DEP Wetlands                                  |
| ● Schools                  | ○ MBTA Commuter Rail Station  | ● Zone I (400ft buffer of Public Water Supplies) | ■ DEP Open Water                                |
| ▭ Town Boundaries          | — MBTA Commuter Rail          |  |   |

Index Map



Source: MassGIS  
Prepared by: Vanasse Hangen Brustlin, Inc

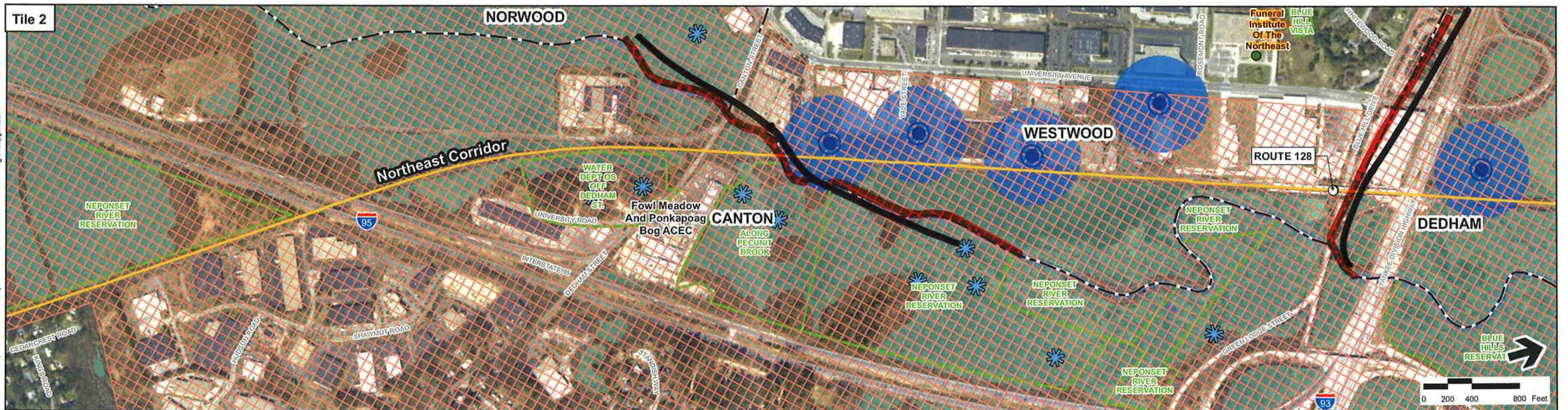


Figure 5-6c

Northeast Corridor



19- Hartwell  
Pl X 123 Northol



#### Legend

- |                          |                             |  |   |
|--------------------------|-----------------------------|--|---|
| Community Health Centers | Proposed Rail Alternative   | NHESP Certified Vernal Pools                   | Area of Critical Environmental Concern (ACEC) |
| Hospitals                | Grade Crossings             | NHESP Potential Vernal Pools                   | Public Open Space                             |
| Libraries                | Proposed Station Site       | Zone A Surface Water Supply Protection Areas   | Flagged Wetland (Previous Study)              |
| Colleges                 | Existing Layover Facilities | Public Water Supplies                          | DEP Wetlands                                  |
| Schools                  | MBTA Commuter Rail Station  | Zone I (400ft buffer of Public Water Supplies) | DEP Open Water                                |
| Town Boundaries          | MBTA Commuter Rail          |  |   |

#### Index Map



EOT



Figure 5-6d

Northeast Corridor

Source: MassGIS  
Prepared by: Vanasse Hangen Brustlin, Inc









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Technical Report  
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# Southern Triangle



**Technical Report  
Noise and Vibration  
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101 Walnut Street  
Post Office Box 9151  
Watertown  
Massachusetts 02272  
617 924 1770  
FAX 617 924 2286

Noise  
Monitoring  
Data

Notes Taken  
By: NBS

Date: 12/30/2008

Project No.:

Site: # |

Weather: 40° WIND

Noise Monitor: Larsen Davis 824

Time Start: 1040 AM - 1100 AM  
Duration: 20 Minutes 800 PM - 820

What was the name of the data run? COTLEY ST DAY / # 10 Night

Results

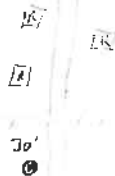
Leq

Traffic Data Volumes Speeds

Automobiles  
Medium Trucks  
Heavy Trucks

51.6 / 45.6

Sketch



Notes:

What was the angle of exposure to the highway? 0

Were there any objects blocking the highway noise sources? (Such as buildings or hills)

No TRAFFIC ON COTLEY ST @ RR XING

Were there other roadway or highway noise sources nearby?

Were there significant other non-highway noise sources? WIND

Ldn = 49.6 / 48.6



101 Walnut Street  
Post Office Box 9151  
Watertown  
Massachusetts 02272  
617 924 1770  
FAX 617 924 2286

# Noise Monitoring Data

Notes Taken  
By: NBS

Date: 12-30-03

Project No.:

Site: #2

Weather: 40' WIND

Noise Monitor: Larsen Davis 824

Time Start: 11:15 AM - 11:35

Duration: 20 Minutes 830-850 PM

What was the name of the data run? #2 GREEN #11

## Results

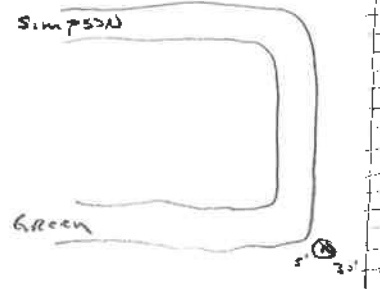
### Leq

Traffic Data Volumes Speeds

Automobiles  
Medium Trucks  
Heavy Trucks

55.3 / 41.2

### Sketch



### Notes:

What was the angle of exposure to the highway?

Were there any objects blocking the highway noise sources? (Such as buildings or hills)

Were there other roadway or highway noise sources nearby? GREEN SIMPSON

LITTLE TO NO TRAFFIC

Were there significant other non-highway noise sources?

Ldn = 53.3 / 44.2



101 Walnut Street  
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Massachusetts 02272  
617 924 1770  
FAX 617 924 2286

# Noise Monitoring Data

Notes Taken  
By: NBS

Date: 12-30-09

Project No.:

Site: #3

Weather: 40° WIND

Noise Monitor: Larsen Davis 824

Time Start: 1150 - 1210

Duration: 20 Minutes

900 - 920

What was the name of the data run?

#3 Rolling Green #12

## Results

### Leq

Traffic Data

Volumes

Speeds

Automobiles

Medium Trucks

Heavy Trucks

55.5 / 43.8

Sketch

### Notes:

What was the angle of exposure to the highway?

Were there any objects blocking the highway noise sources? (Such as buildings or hills)

Were there other roadway or highway noise sources nearby?

Were there significant other non-highway noise sources?

WIND

Neighborhood Noise  
Kids @ play

Ldn = 53.5 / 46.8



101 Walnut Street  
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Watertown  
Massachusetts 02272  
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# Noise Monitoring Data

Notes Taken  
By: NBS

Date: 12-30-08

Project No.:

Site: #4

Weather: 40° Wind

Noise Monitor: Larsen Davis 824

Time Start: 1225-1245

930-950

Duration: 20 Minutes

What was the name of the data run? #4 CORY ST #13

## Results

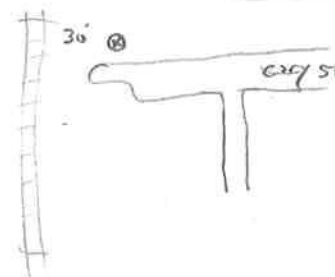
### Leq

57.2 / 52.1

### Sketch

Traffic Data Volumes Speeds

Automobiles  
Medium Trucks  
Heavy Trucks



### Notes:

What was the angle of exposure to the highway? \_\_\_\_\_

Were there any objects blocking the highway noise sources? (Such as buildings or hills) \_\_\_\_\_

Were there other roadway or highway noise sources nearby? CARS URBAN NOISE

Were there significant other non-highway noise sources? WIND

Ldn = 55.2 / 55.1

Dog Barking  
(Not too close/ loud)



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Massachusetts 02272  
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FAX 617 924 2286

**Noise  
Monitoring  
Data**

Notes Taken  
By: NBS

Date: 12/30/09

Project No.:

Site: #5

Weather: 40° WIND

Noise Monitor: Larsen Davis 824

Time Start: 11:00 - 1:30 1015 - 1035

Duration: 20 Minutes

What was the name of the data run? #5 EARLE ST #14

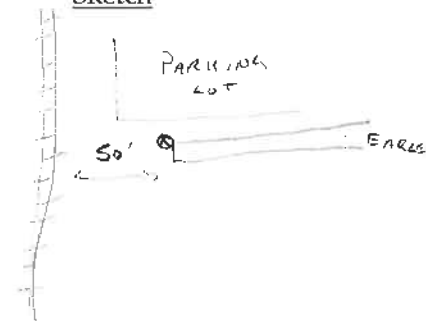
**Results**

**Leq**

55.6 / 47.6

**Sketch**

Traffic Data Volumes Speeds  
Automobiles  
Medium Trucks  
Heavy Trucks







101 Walnut Street  
Post Office Box 9151  
Watertown  
Massachusetts 02272  
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FAX 617 924 2286

**Noise  
Monitoring  
Data**

Notes Taken  
By: NBS

Date: 12-30-08

Project No.:

Site: #6

Weather: 40° WIND

Noise Monitor: Larsen Davis 824

Time Start: 2:40 - 3:00

1045 - 11:05

Duration: 20 Minutes

What was the name of the data run? #6 Welby Rd #15

**Results**

**Leq**

51.8

44.1

Traffic Data

Volumes

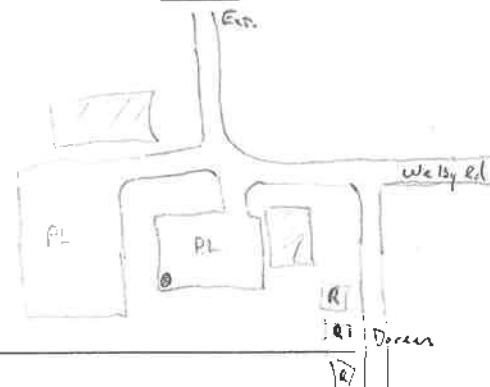
Speeds

Automobiles

Medium Trucks

Heavy Trucks

Sketch



Notes:

What was the angle of exposure to the highway? \_\_\_\_\_

Were there any objects blocking the highway noise sources? (Such as buildings or hills) \_\_\_\_\_

Were there other roadway or highway noise sources nearby? \_\_\_\_\_

Were there significant other non-highway noise sources? \_\_\_\_\_

Ldn = 49.8 / 52.1



101 Walnut Street  
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Watertown  
Massachusetts 02272  
617 924 1770  
FAX 617 924 2286

Noise  
Monitoring  
Data

Notes Taken  
By: NBS

Date: 12-30-08

Project No.:

Site: #7

Weather: 40 Windy

Noise Monitor: Larsen Davis 824

Time Start: 3:15 - 3:35 11:20 11:40

Duration: 20 Minutes

What was the name of the data run? #7 GUNDE'S WAY #16

Results

Leq

48.7 35.6

Sketch

Traffic Data

Volumes

Speeds

Automobiles

Medium Trucks

Heavy Trucks



Notes:

What was the angle of exposure to the highway? \_\_\_\_\_

Were there any objects blocking the highway noise sources? (Such as buildings or hills) \_\_\_\_\_

Were there other roadway or highway noise sources nearby? \_\_\_\_\_

Were there significant other non-highway noise sources? \_\_\_\_\_

Ldn = 46.7 / 43.6



101 Walnut Street  
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Massachusetts 02272  
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# Noise Monitoring Data

Notes Taken  
By: NBS

Date: 12-30-03

Project No.:

Site: # 8

Weather: 40° WIND

Noise Monitor: Larsen Davis 824

Time Start: 4:00 - 4:20 12:00 - 12:20

Duration: 20 Minutes

What was the name of the data run? # 8 GATSBY # 17

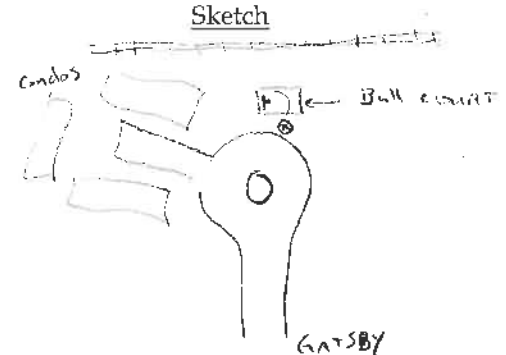
## Results

### Leq

43.2 36.0

Traffic Data Volumes Speeds

Automobiles  
Medium Trucks  
Heavy Trucks



### Notes:

What was the angle of exposure to the highway? \_\_\_\_\_

Were there any objects blocking the highway noise sources? (Such as buildings or hills) \_\_\_\_\_

Were there other roadway or highway noise sources nearby? \_\_\_\_\_

Were there significant other non-highway noise sources? \_\_\_\_\_

Ldn = 41.2 / 44



101 Walnut Street  
Post Office Box 9151  
Watertown  
Massachusetts 02272  
617 924 1770  
FAX 617 924 2286

**Noise  
Monitoring  
Data**

Notes Taken  
By: NBS

Date: 12-30-03

Project No.:

Site: #9

Weather: 40° WIND (slight)

Noise Monitor: Larsen Davis 824

Time Start: 430 - 450 1230 - 1250

Duration: 20 Minutes

What was the name of the data run? #9 Middleboro Ave #18

**Results**

**Leq**

Traffic Data

Volumes

Speeds

Automobiles

Medium Trucks

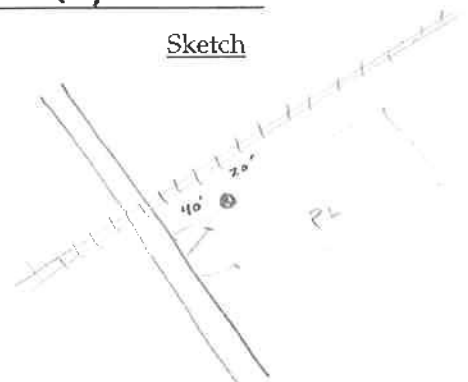
Heavy Trucks

65.1

54.6

35

Sketch



Notes:

What was the angle of exposure to the highway? 120°

Were there any objects blocking the highway noise sources? (Such as buildings or hills)

NO

Were there other roadway or highway noise sources nearby?

NO

Were there significant other non-highway noise sources?

NO

L<sub>dn</sub> =

63.1

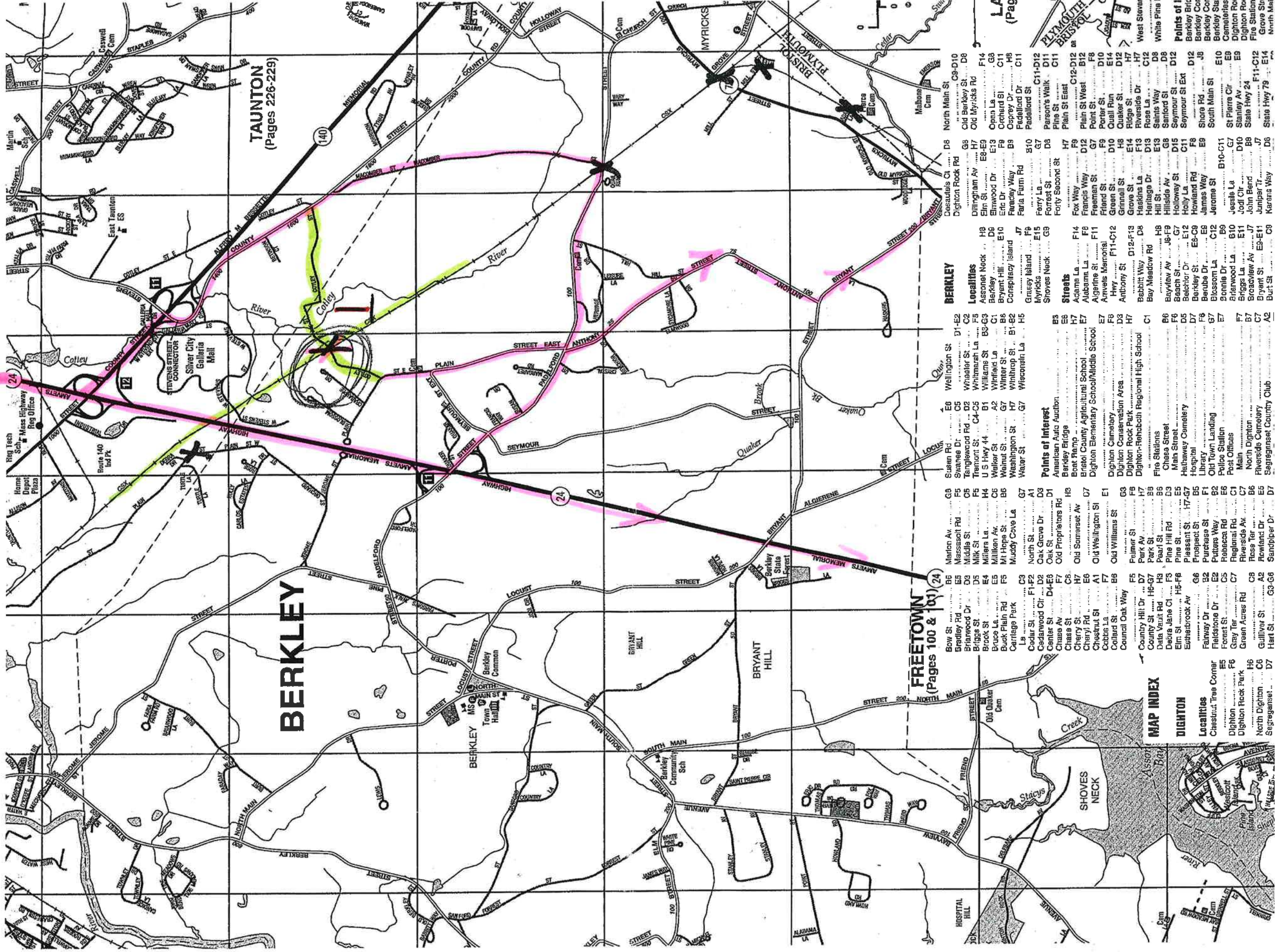
62.6



**Technical Report  
Noise and Vibration  
Draft**

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TAUNTON  
(Pages 226-229)

BERKLEY

FREETOWN  
(Pages 100 & 101)

MAP INDEX

DIGHTON

Localities

Chestnut Tree Corner

Dighton Rock Park

North Dighton

Segreganset

BERKLEY

Localities

Assonet Neck

Berkley

Bryant Hill

Conspiracy Island

Grassy Island

Myricks

Shoves Neck

Streets

Adams La

Albany La

Algerine St

Amvets Memorial

Anthony St

Babbitt Way

Bay Meadow Rd

Bayview Av

Beach St

Belcher Dr

Berkley St

Blossom La

Bonnie Dr

Briarwood La

Briggs La

Broadview Av

Bryant St

Burt St

Points of Interest

American Auto Auction

Berkley Bridge

Boat Ramp

Bristol County Agricultural School

Dighton Elementary School/Middle School

Dighton Cemetery

Dighton Rock Park

Dighton-Rehoboth Regional High School

Fire Stations

Chesnut Street

Main Street

Hatway Cemetery

Hospital

Library

Old Town Landing

Police Station

Post Offices

Main

North Dighton

Riverside Cemetery

Segreganset Country Club

Points of Interest

Marion Av

Massachusetts Rd

Middle St

Milk St

Millers La

Mitten Av

Mt Hope St

Muddy Cove La

North St

Oak Grove Dr

Oak St

Old Proprietors Rd

Old Somerset Av

Old Wellington St

Old Williams St

Palmer St

Park Av

Park St

Pine Hill Rd

Pine St

Plasant St

Prospect St

Purchase St

Rebecca Rd

Regional Av

Rose Ter

Sandpiper Dr

Localities

Chestnut Tree Corner

Dighton Rock Park

North Dighton

Segreganset

Streets

Adams La

Albany La

Algerine St

Amvets Memorial

Anthony St

Babbitt Way

Bay Meadow Rd

Bayview Av

Beach St

Belcher Dr

Berkley St

Blossom La

Bonnie Dr

Briarwood La

Briggs La

Broadview Av

Bryant St

Burt St

Chesnut Street

Main Street

Hatway Cemetery

Hospital

Library

Old Town Landing

Police Station

Post Offices

Main

North Dighton

Riverside Cemetery

Segreganset Country Club

Streets

Adams La

Albany La

Algerine St

Amvets Memorial

Anthony St

Babbitt Way

Bay Meadow Rd

Bayview Av

Beach St

Belcher Dr

Berkley St

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Bonnie Dr

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Hatway Cemetery

Hospital

Library

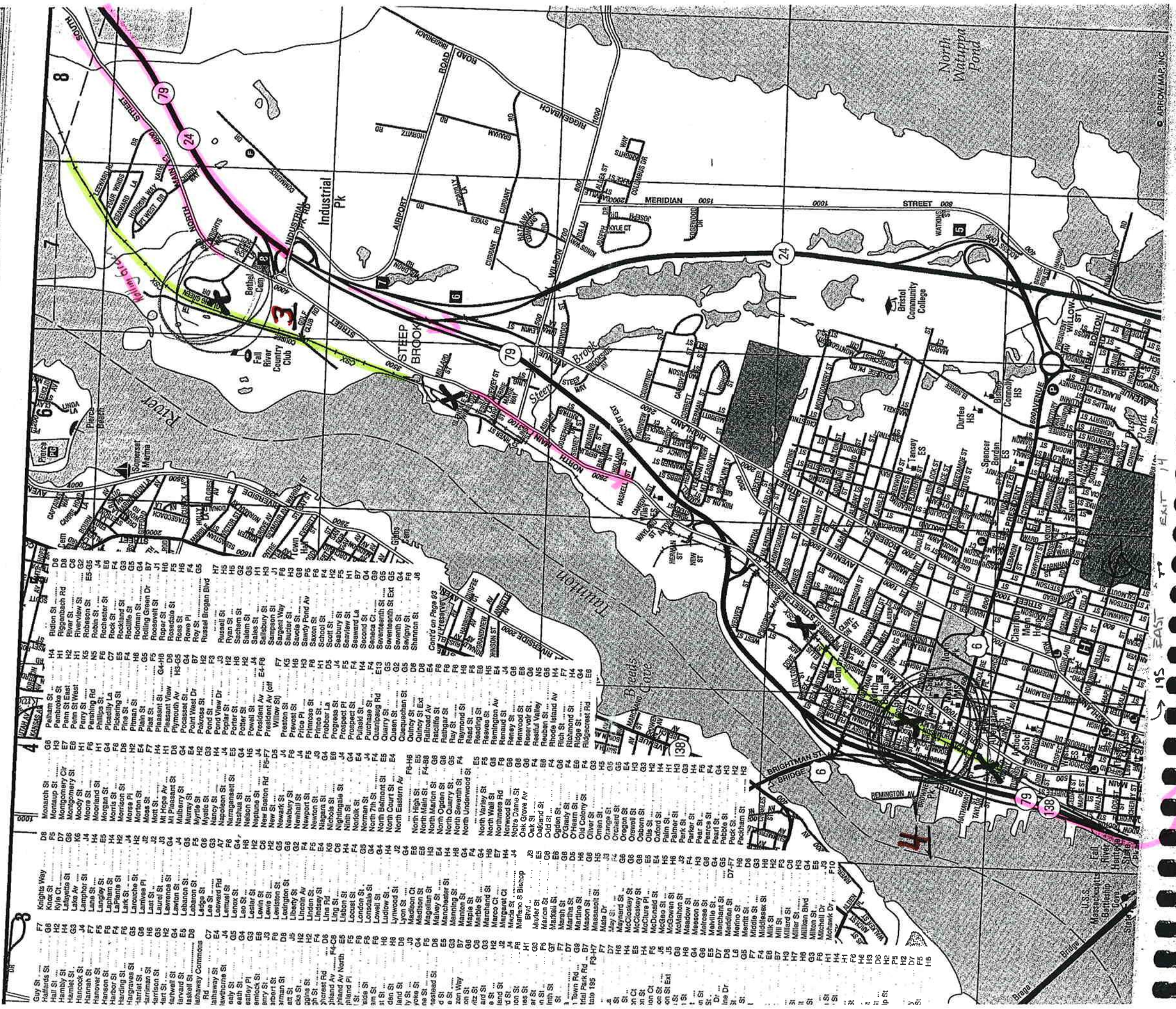
Old Town Landing

Police Station



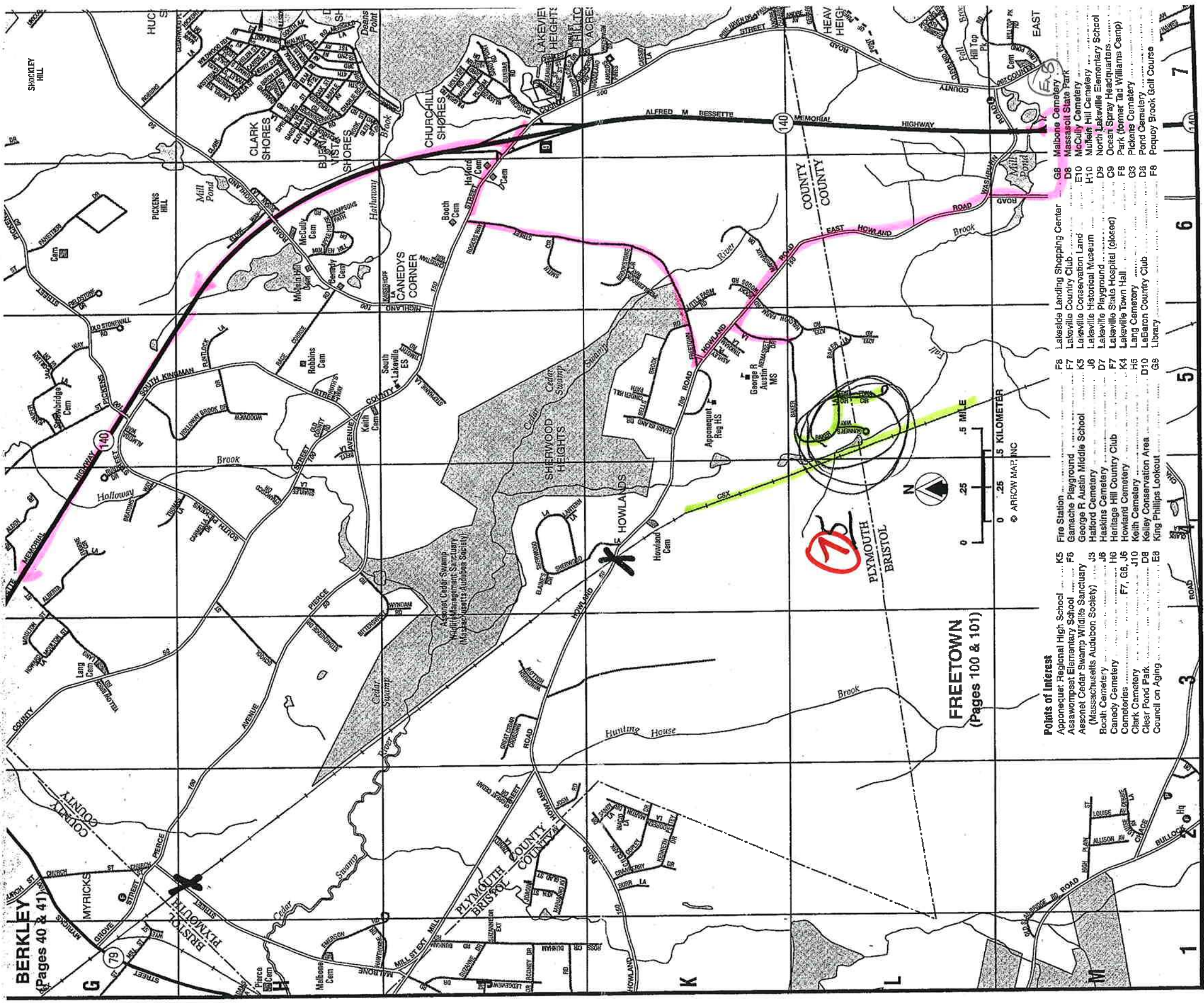






(4) Between Cory St and Brownell St





BERKLEY  
(Pages 40 & 41)

FREETOWN  
(Pages 100 & 101)

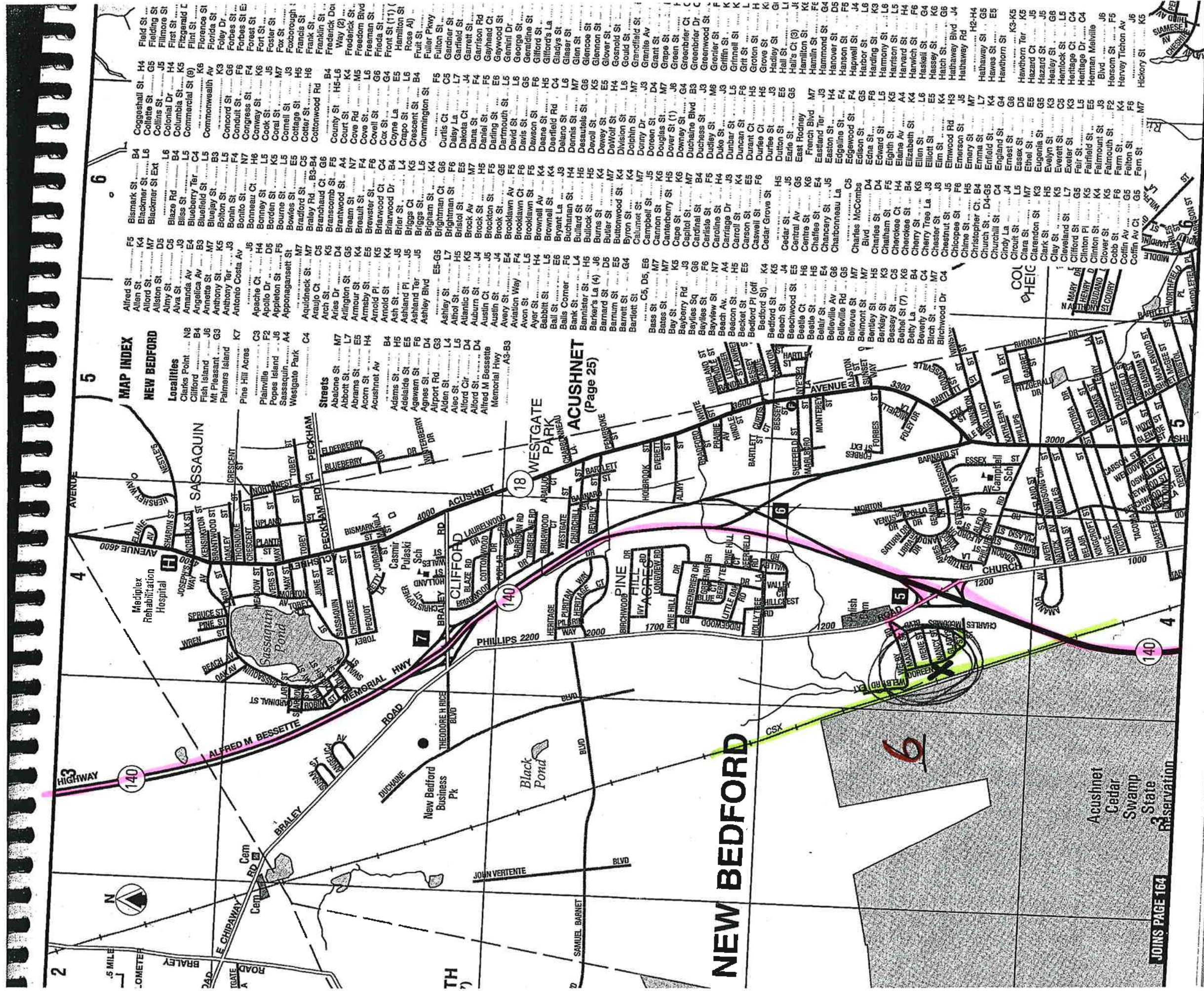
Points of Interest

- Apponequet Regional High School K5
- Assawompset Elementary School F8
- Assonet Cedar Swamp Wildlife Sanctuary J3
- (Massachusetts Audubon Society)
- Booth Cemetery J6
- Canedy Cemetery J6
- Cemeteries F7, G6, J6
- Clark Cemetery J10
- Clear Pond Park D8
- Council on Aging E8
- Fire Station K5
- Gamache Playground F8
- George R Austin Middle School J6
- Hafford Cemetery J3
- Haskins Cemetery J6
- Heritage Hill Country Club J6
- Howland Cemetery J6
- Keith Cemetery J10
- Keith Conservation Area D8
- King Phillips Lookout E8
- Lakeside Landing Shopping Center F8
- Lakeville Country Club F7
- Lakeville Conservation Land K5
- Lakeville Historical Museum J6
- Lakeville Playground D7
- Lakeville State Hospital (closed) F7
- Lakeville Town Hall K4
- Lang Cemetery H8
- LeBaron Country Club D10
- Library G8
- Malbone Cemetery G8
- Massasoit State Park D8
- McCully Cemetery E10
- Mullen Hill Cemetery H10
- North Lakeville Elementary School D9
- Ocean Spray Headquarters C9
- Park (former Tad Williams Camp) F8
- Pickens Cemetery G3
- Pond Cemetery D8
- Poquoy Brook Golf Course F8

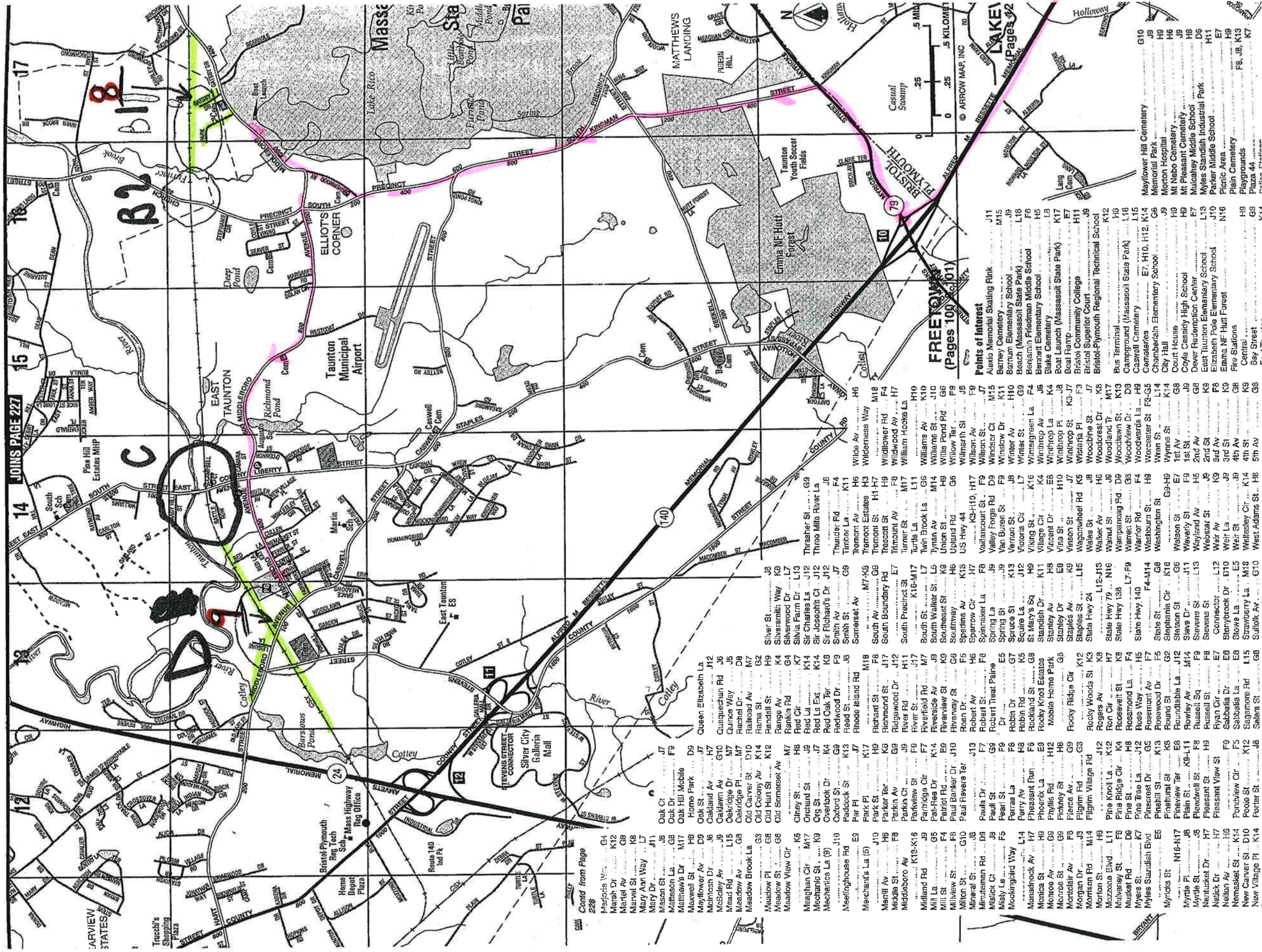












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Technical Report  
Noise and Vibration  
Draft

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Technical Report  
Noise and Vibration  
Draft

# Stoughton Line

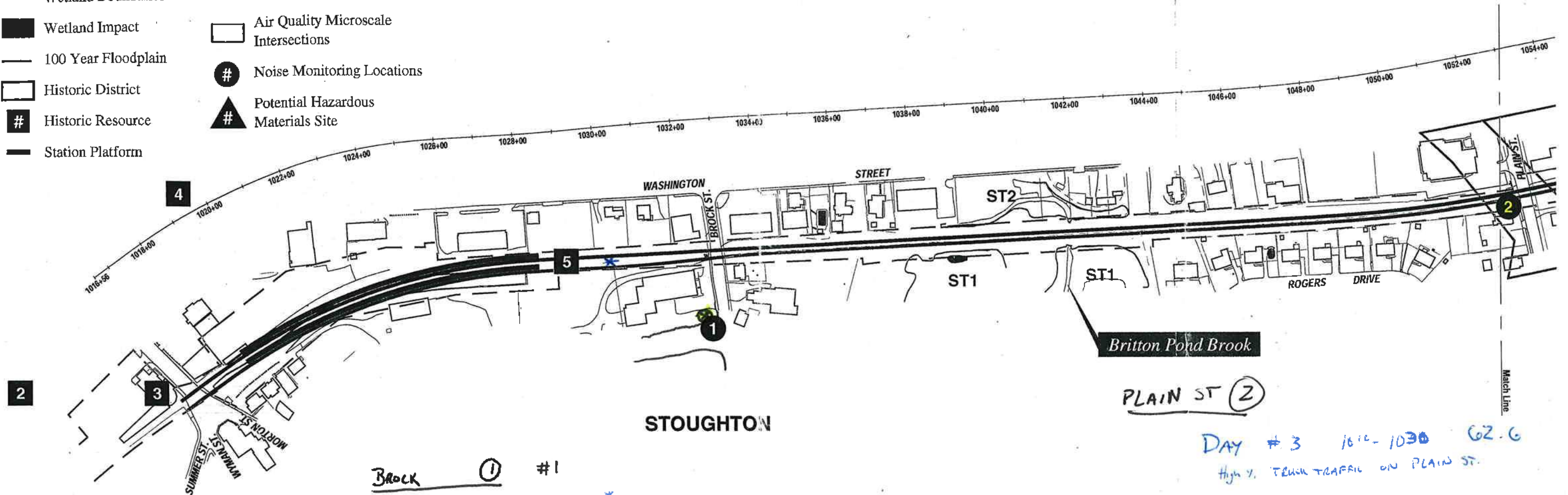


**Technical Report  
Noise and Vibration  
Draft**

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- Proposed Track 1
- Proposed Track 2
- - - Right of Way
- Water
- Wetland Boundaries
- Wetland Impact
- 100 Year Floodplain
- Historic District
- # Historic Resource
- Station Platform
- Rare Species Habitat and Significant Natural Communities
- ▨ Estimated Habitat of Rare Wildlife
- ▨ DEP Approved Zone II Well Head Protection Area
- Air Quality Microscale Intersections
- Noise Monitoring Locations
- ▲ Potential Hazardous Materials Site

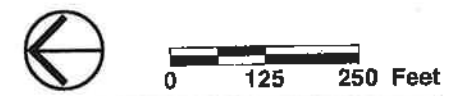
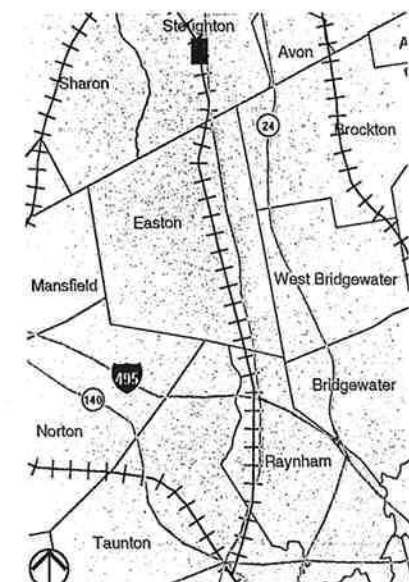
ALL DAY DATA 12/18/08  
Night DATA 12/18/08 - 12/19/08



Back ① #1

Day	#	Time	Value
DAY	#1	*930 - 945	56.7
	#2	945 - 1000	59.4
	#22	245 - 255 AM	45.3
Low Memory (12-31-08)			42.4
	#23	255 - 305 AM	
AG CHECK			
Ldn = 50.4 / 50.4			57.4

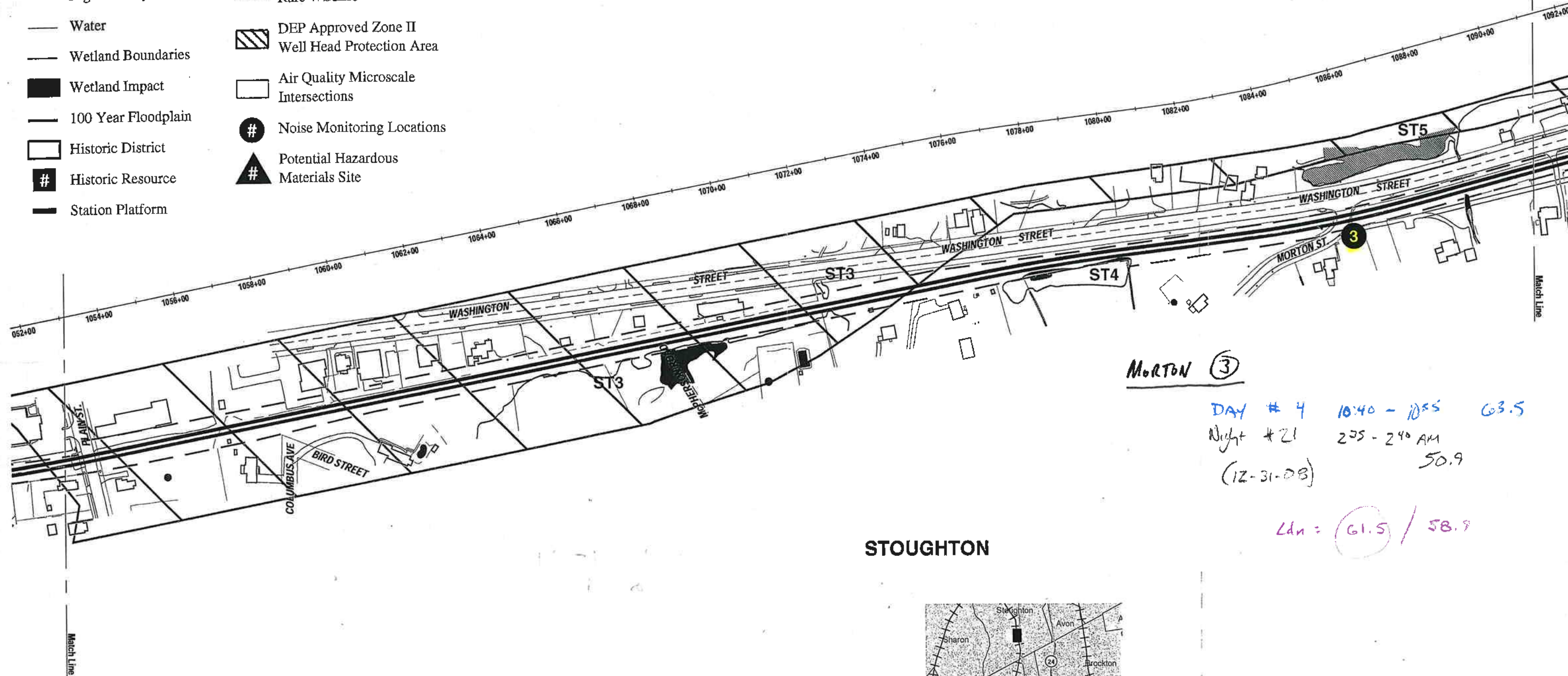
DAY #3 1012 - 1030 62.6  
High V. TRUCK TRAFFIC ON PLAIN ST.  
Ldn = 60.6



#1 \* TRAIN IDLING BEHIND BUILDING



- Proposed Track 1
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- ▲ Potential Hazardous Materials Site



# STOUGHTON



MORTON ③

DAY # 4 10:40 - 10:55 63.5  
 Night # 21 2:35 - 2:40 AM 50.9  
 (12-31-08)

LDN = 61.5 / 58.9



0 125 250 Feet

New Bedford / Fall River Commuter Rail



Massachusetts  
 Bay  
 Transportation  
 Authority

Figure 2.3-2  
 Stoughton Branch  
 Sheet 2 of 23



- Proposed Track 1
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- # Noise Monitoring Locations
- ▲ Potential Hazardous Materials Site

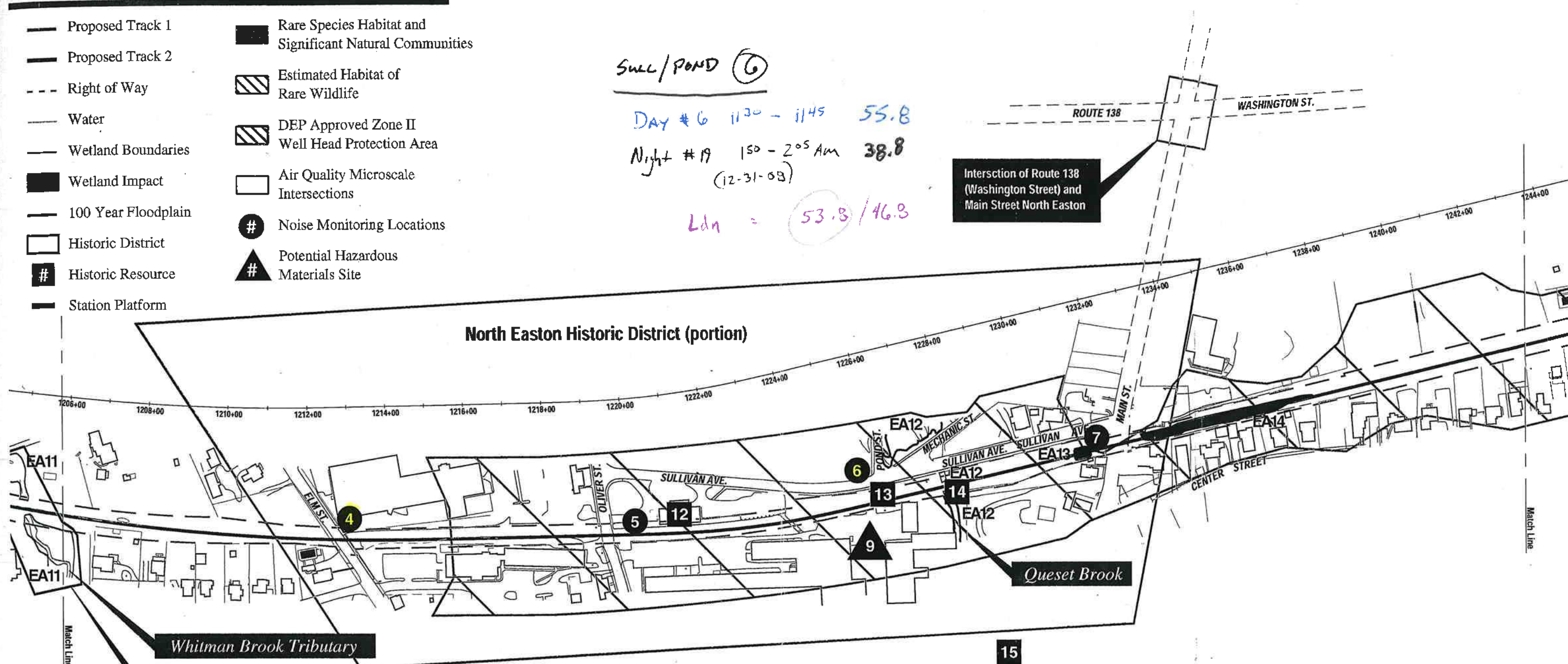
SULL/POND ⑥

DAY #6 1130 - 1145 55.8

Night #19 150 - 205 Am 38.8  
(12-31-03)

Ldn = 53.8 / 46.8

North Easton Historic District (portion)



Whitman Brook Tributary

Approximate Floodplain no Base Flood Elevation Provided

ELM ④

DAY #5 1105 - 1120 64.8

Night #20 210 - 225 Am 48.8  
(12-31-03)

Ldn = 59.8 / 56.8

EASTON



0 125 250 Feet

New Bedford / Fall River Commuter Rail



Massachusetts Bay Transportation Authority

Figure 2.3-2  
Stoughton Branch  
Sheet 6 of 23

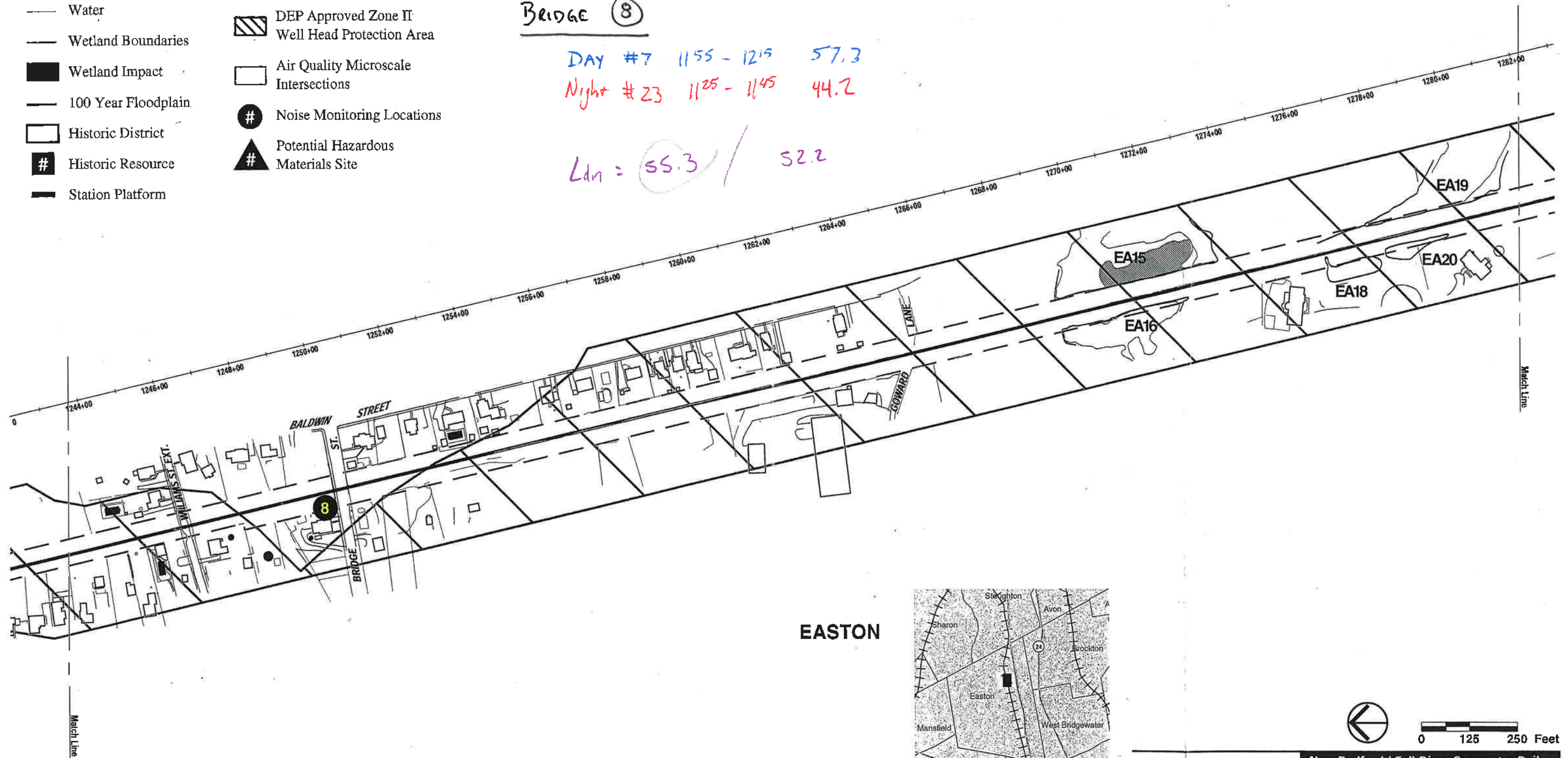


- Proposed Track 1
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- Water
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- # Noise Monitoring Locations
- ▲ Potential Hazardous Materials Site

BRIDGE ⑧

DAY #7 1155 - 1215 57.3  
Night #23 1125 - 1145 44.2

Ldn = 55.3 / 52.2



EASTON



0 125 250 Feet

New Bedford / Fall River Commuter Rail



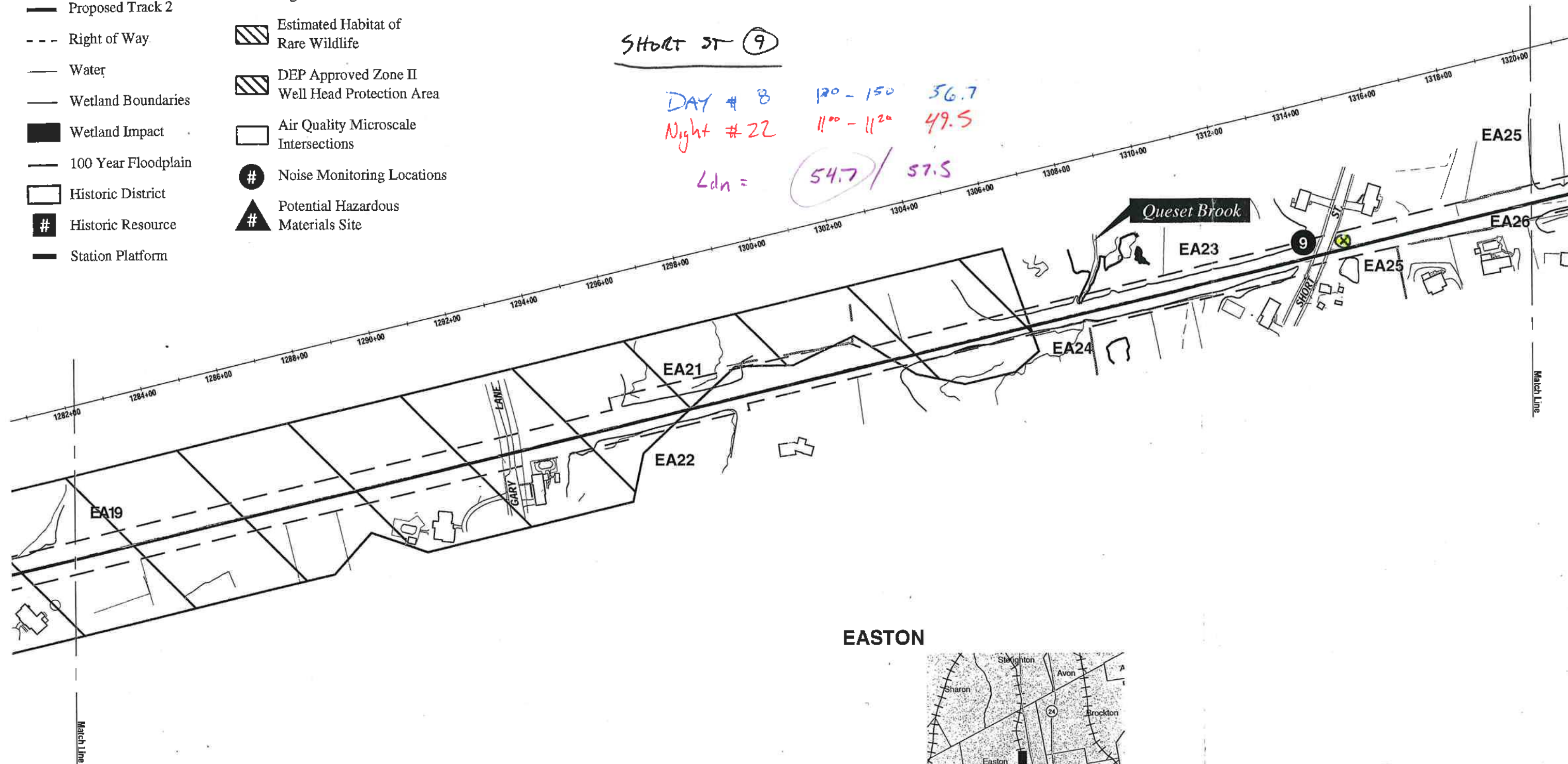
Massachusetts  
Bay  
Transportation  
Authority

Figure 2.3-2  
Stoughton Branch  
Sheet 7 of 23

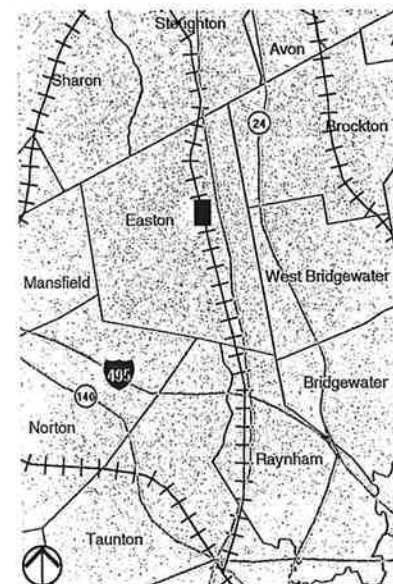
- Proposed Track 1
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- - - Right of Way
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- Wetland Impact
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- ▲ Potential Hazardous Materials Site

SHORT ST ⑨

DAY # 8 120 - 150 56.7  
 Night # 22 11<sup>00</sup> - 11<sup>20</sup> 49.5  
 Ldn = 54.7 / 57.5



EASTON



0 125 250 Feet

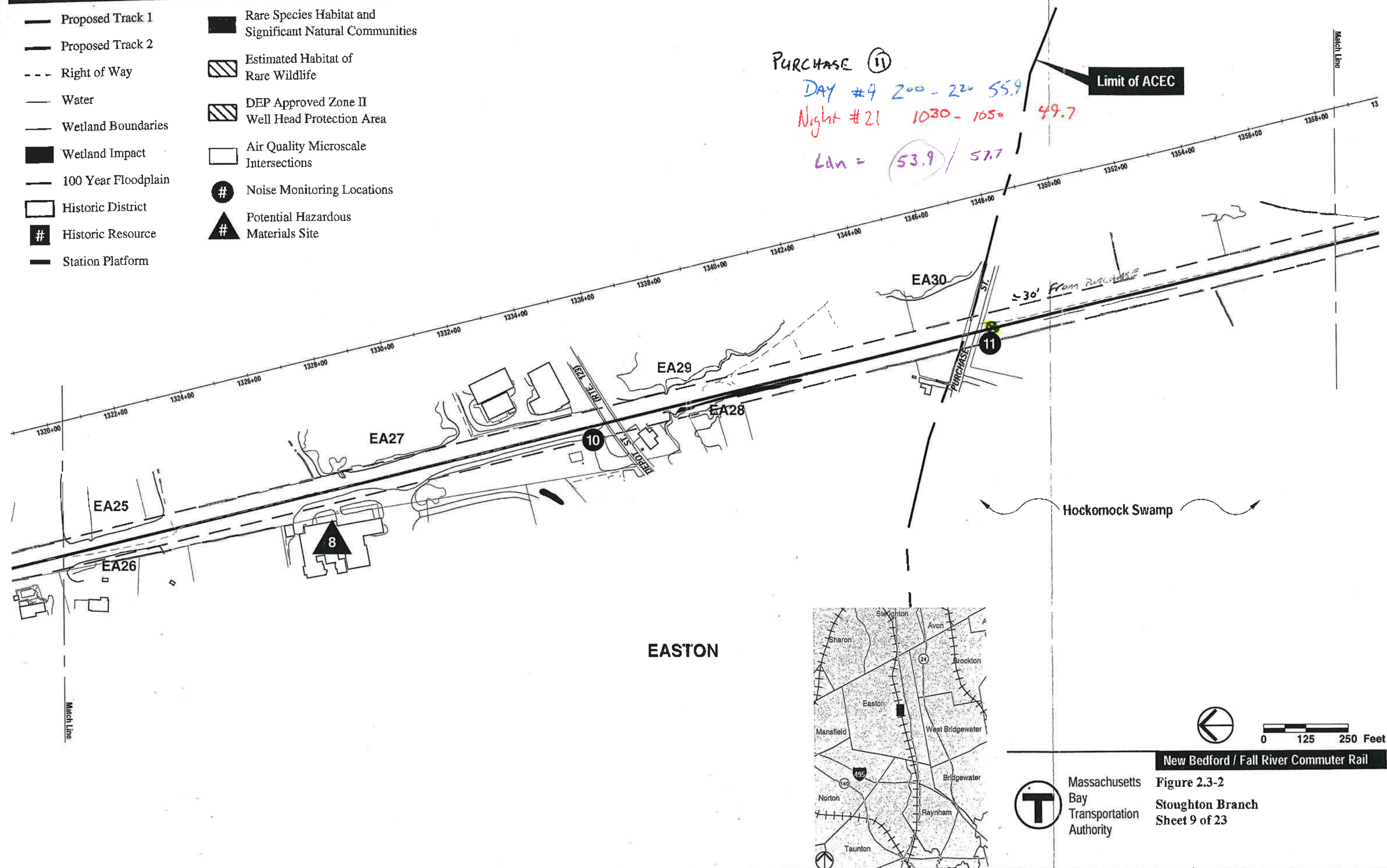
New Bedford / Fall River Commuter Rail



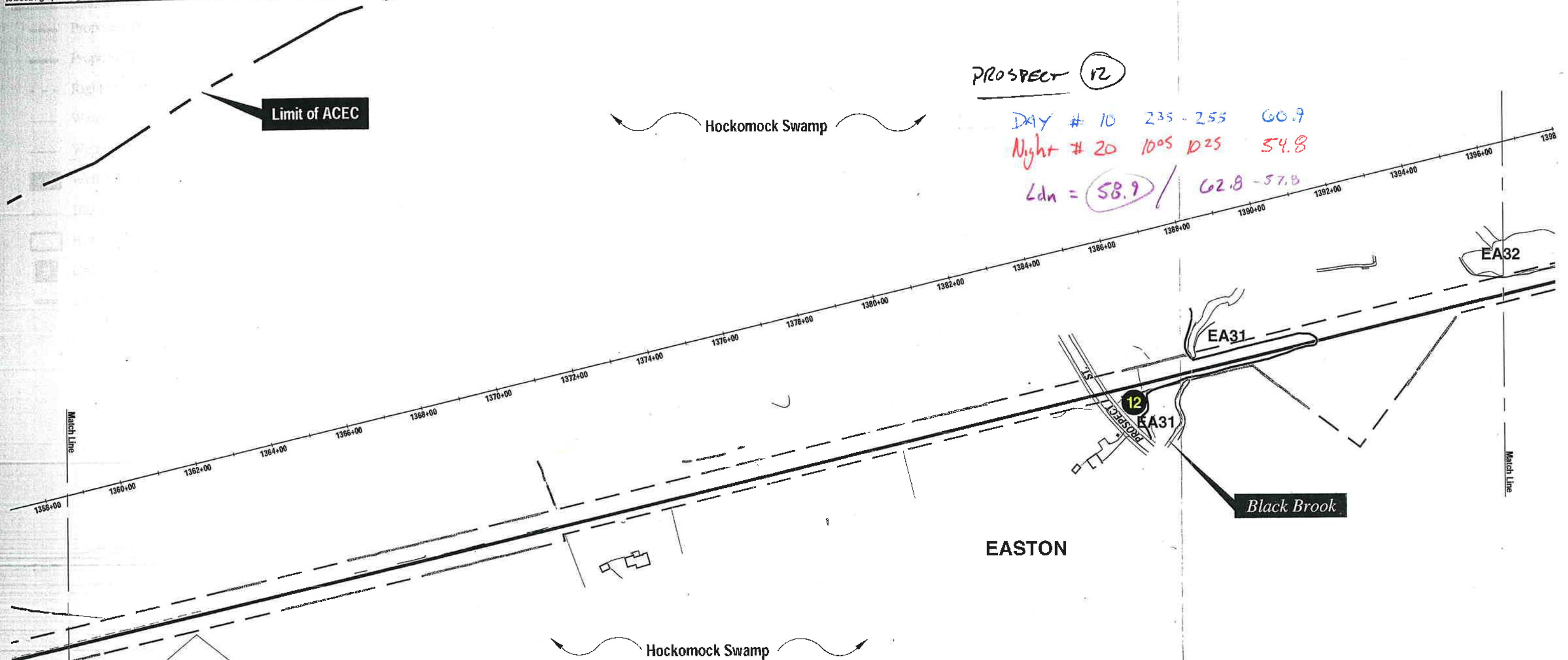
Massachusetts  
 Bay  
 Transportation  
 Authority

Figure 2.3-2  
 Stoughton Branch  
 Sheet 8 of 23





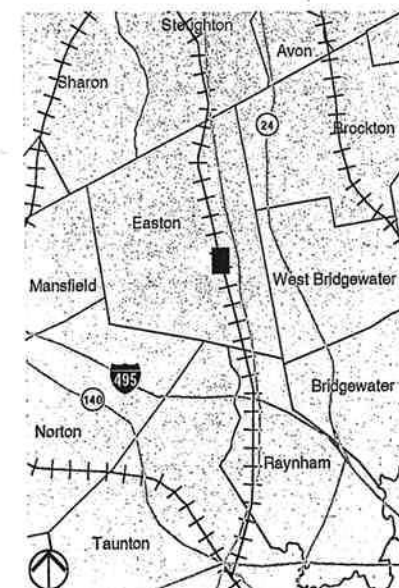




PROSPECT 12

DAY # 10 235 - 255 60.9  
 Night # 20 1005 1225 54.8  
 Ldn = 58.9 / 62.8 - 57.8

- |                       |  |
|-----------------------|--|
| — Proposed Track 1    | ■ Rare Species Habitat and Significant Natural Communities |
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| — Water               | □ Air Quality Microscale Intersections                     |
| — Wetland Boundaries  | ● # Noise Monitoring Locations                             |
| ■ Wetland Impact      | ▲ # Potential Hazardous Materials Site                     |
| — 100 Year Floodplain |  |
| □ Historic District   |  |
| ■ # Historic Resource |  |
| — Station Platform    |  |



0 125 250 Feet

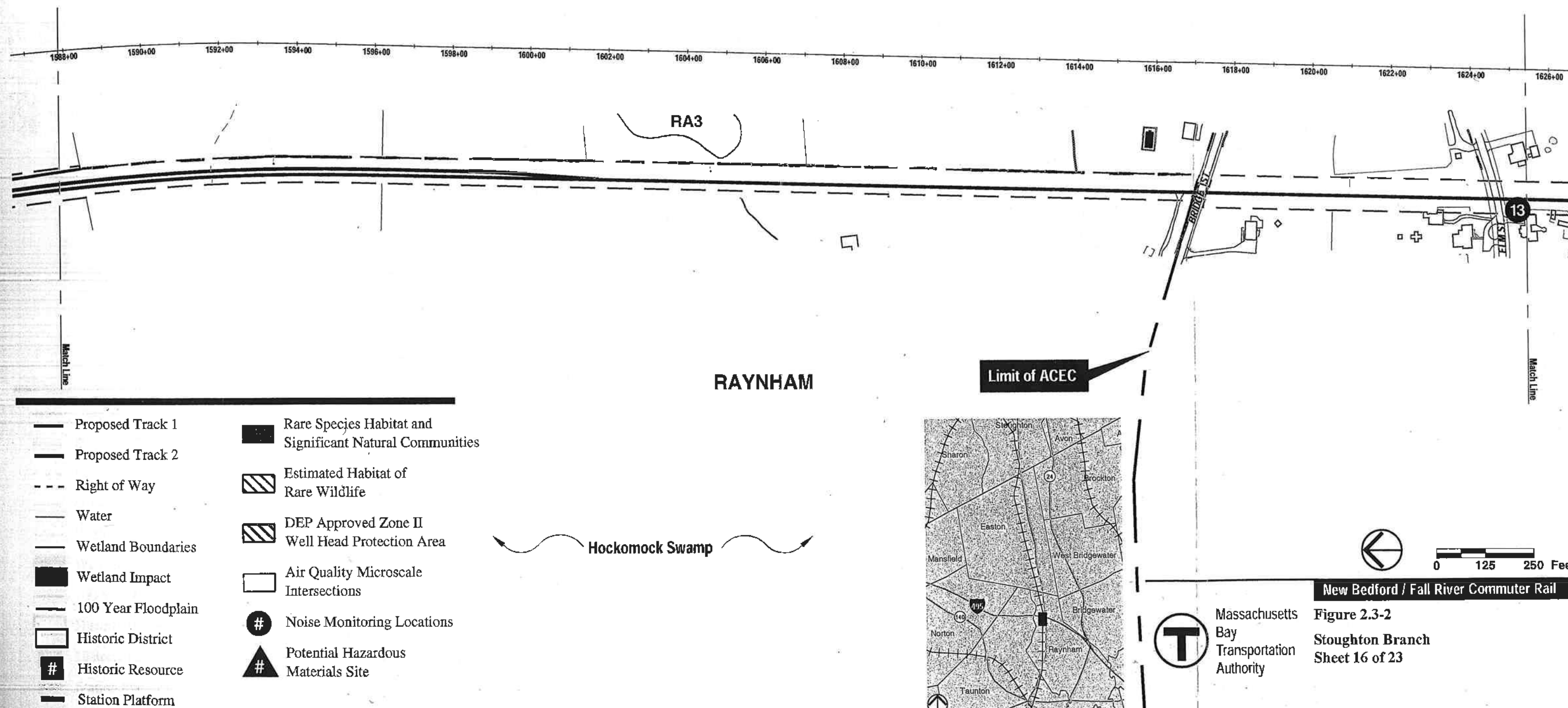
New Bedford / Fall River Commuter Rail



Massachusetts Bay Transportation Authority

Figure 2.3-2  
 Stoughton Branch  
 Sheet 10 of 23



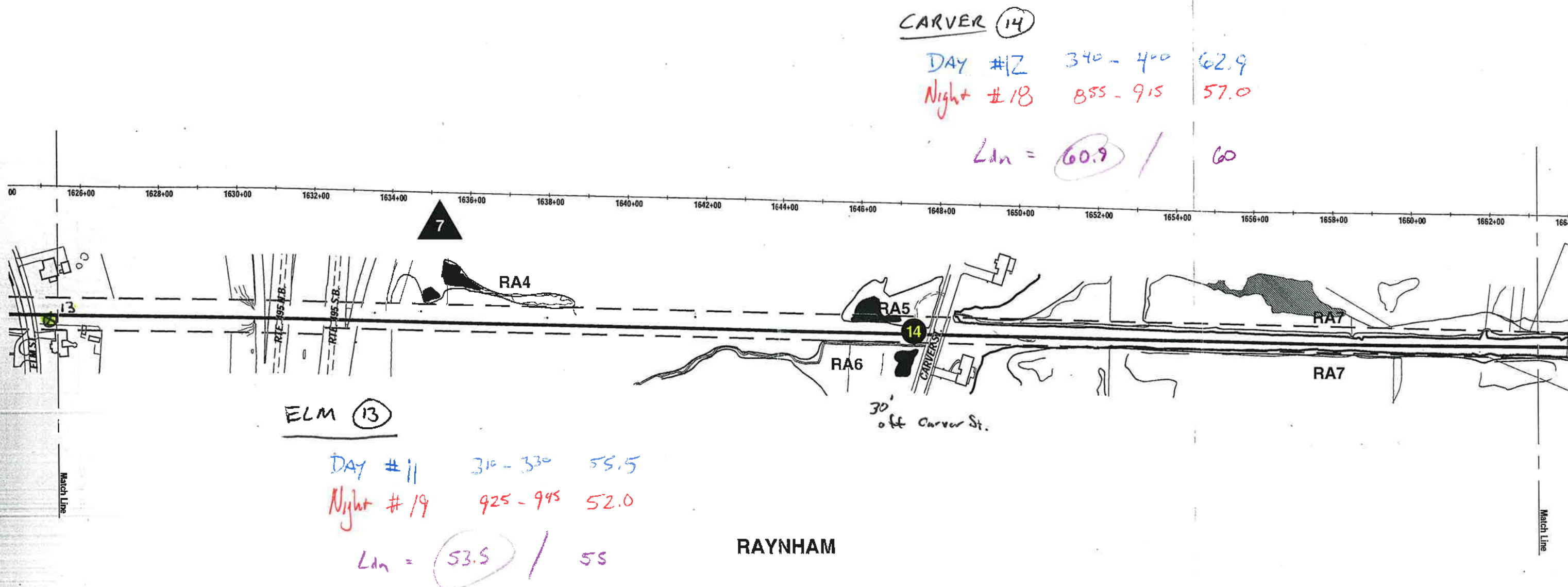


New Bedford / Fall River Commuter Rail

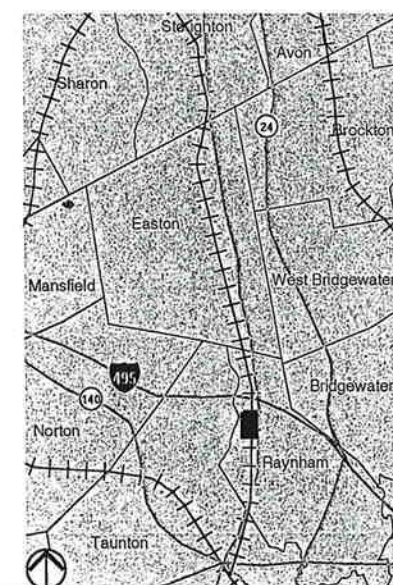
Figure 2.3-2

Stoughton Branch  
Sheet 16 of 23





- |                       |  |
|-----------------------|--|
| — Proposed Track 1    | ■ Rare Species Habitat and Significant Natural Communities |
| — Proposed Track 2    | ▨ Estimated Habitat of Rare Wildlife                       |
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| ■ Station Platform    |  |



Massachusetts  
Bay  
Transportation  
Authority

New Bedford / Fall River Commuter Rail

Figure 2.3-2  
Stoughton Branch  
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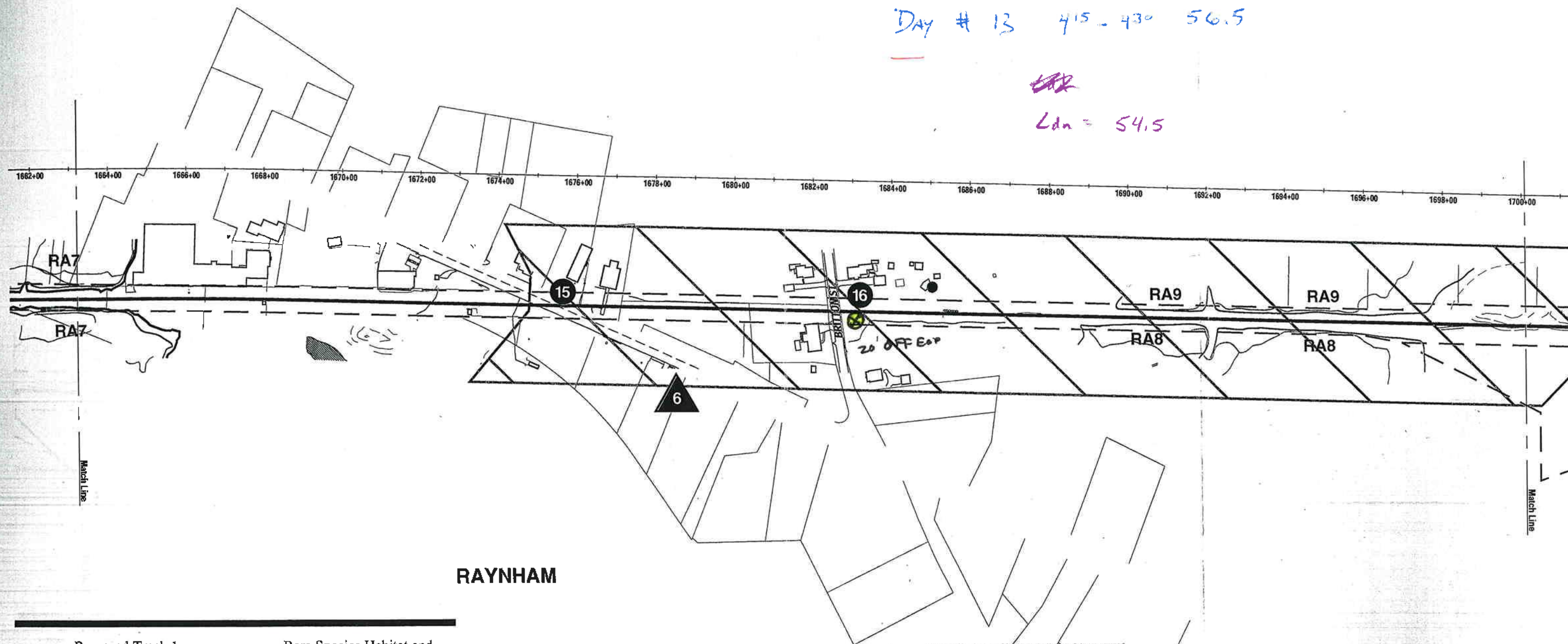


BRITTON ST (16)

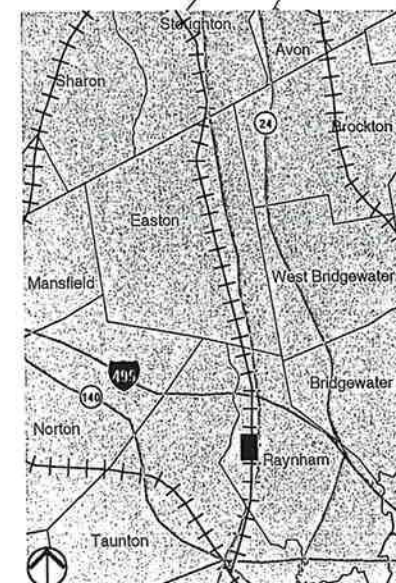
DAY # 13 415 - 430 56.5

54.5

Ldn = 54.5



- |                       |  |
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| — Proposed Track 1    | ■ Rare Species Habitat and Significant Natural Communities |
| — Proposed Track 2    | ▨ Estimated Habitat of Rare Wildlife                       |
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| — Station Platform    |  |



Massachusetts  
Bay  
Transportation  
Authority

New Bedford / Fall River Commuter Rail

Figure 2.3-2  
Stoughton Branch  
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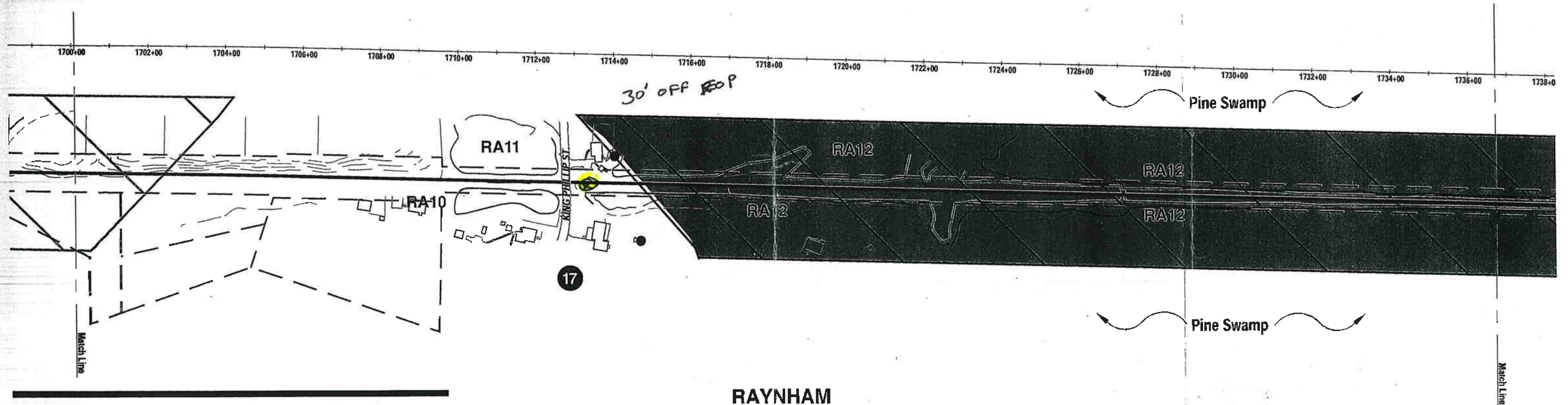


KING PHILLIP ①7

DAY # 14 500-515 59.3

Night # 17 830-850 53.4

Ldn = 57.3 / 56.4



RAYNHAM



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|-----------------------|--|
| — Proposed Track 1    | ■ Rare Species Habitat and Significant Natural Communities |
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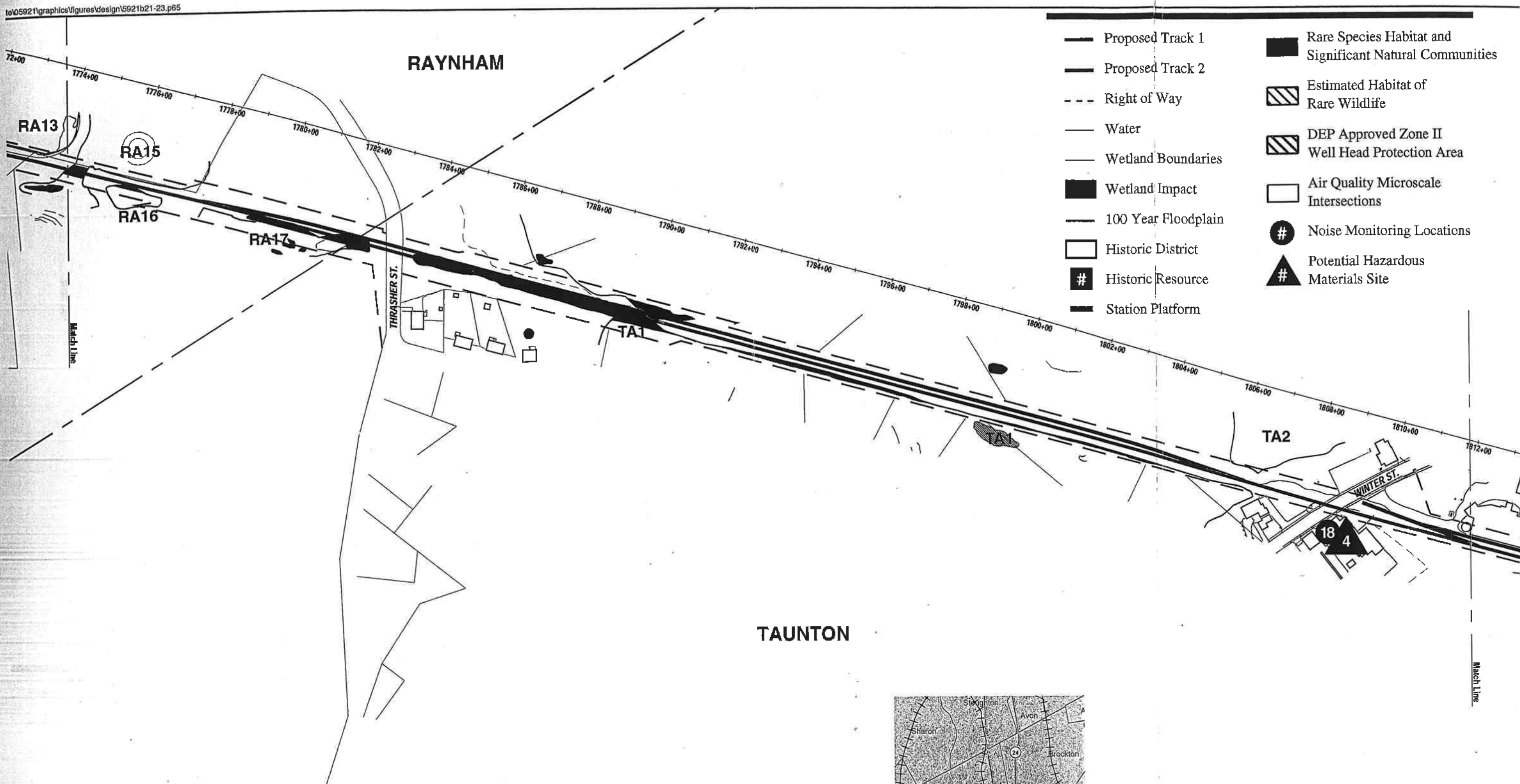


Massachusetts Bay Transportation Authority

New Bedford / Fall River Commuter Rail

Figure 2.3-2  
Stoughton Branch  
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TAUNTON



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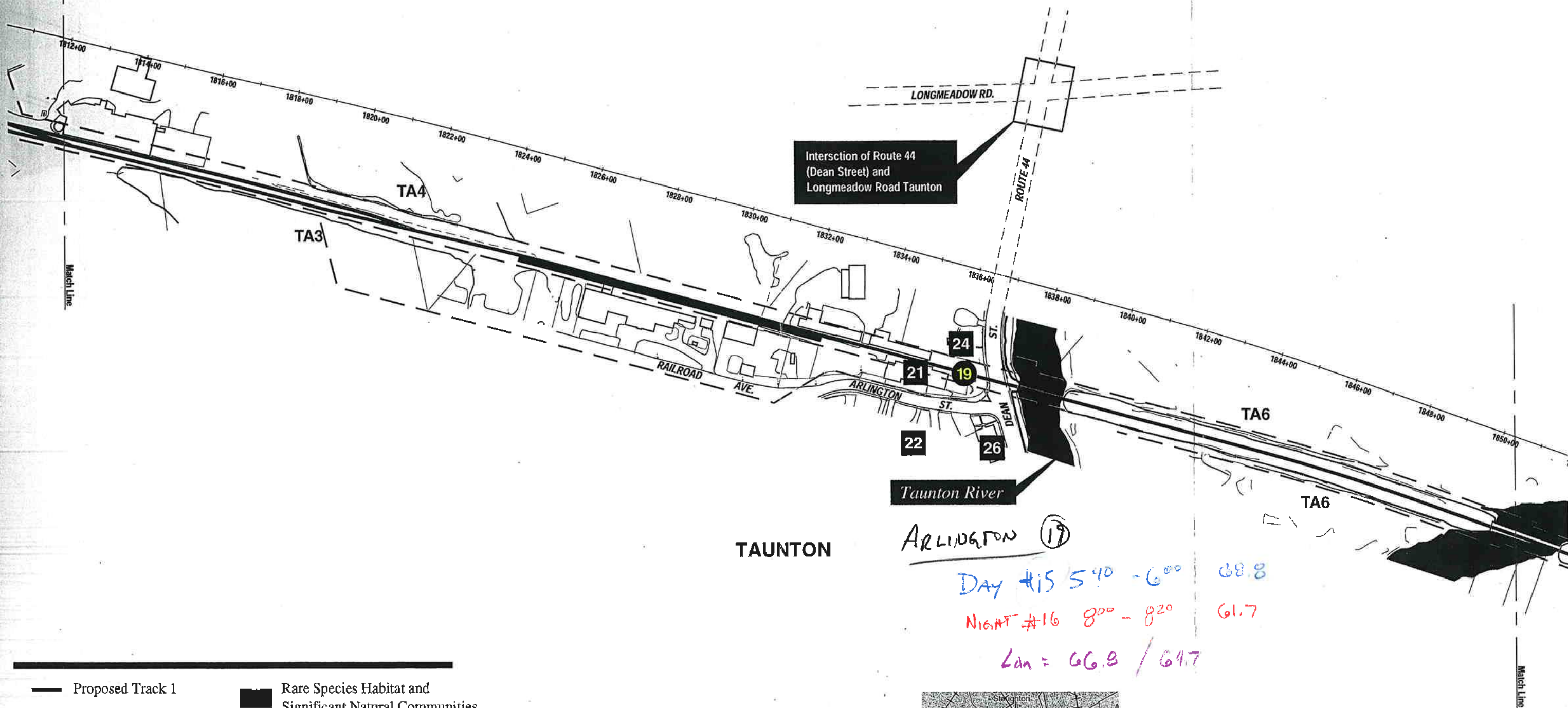
Massachusetts  
Bay  
Transportation  
Authority

New Bedford / Fall River Commuter Rail

Figure 2.3-2

Stoughton Branch  
Sheet 21 of 23





TAUNTON

ARLINGTON ①

DAY #15 5<sup>40</sup> - 6<sup>00</sup> 68.8  
 NIGHT #16 8<sup>00</sup> - 8<sup>20</sup> 61.7  
 Ldn = 66.8 / 64.7



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| — Station Platform    |  |



0 125 250 Feet



Massachusetts  
Bay  
Transportation  
Authority

New Bedford / Fall River Commuter Rail

Figure 2.3-2  
Stoughton Branch  
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