

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 #

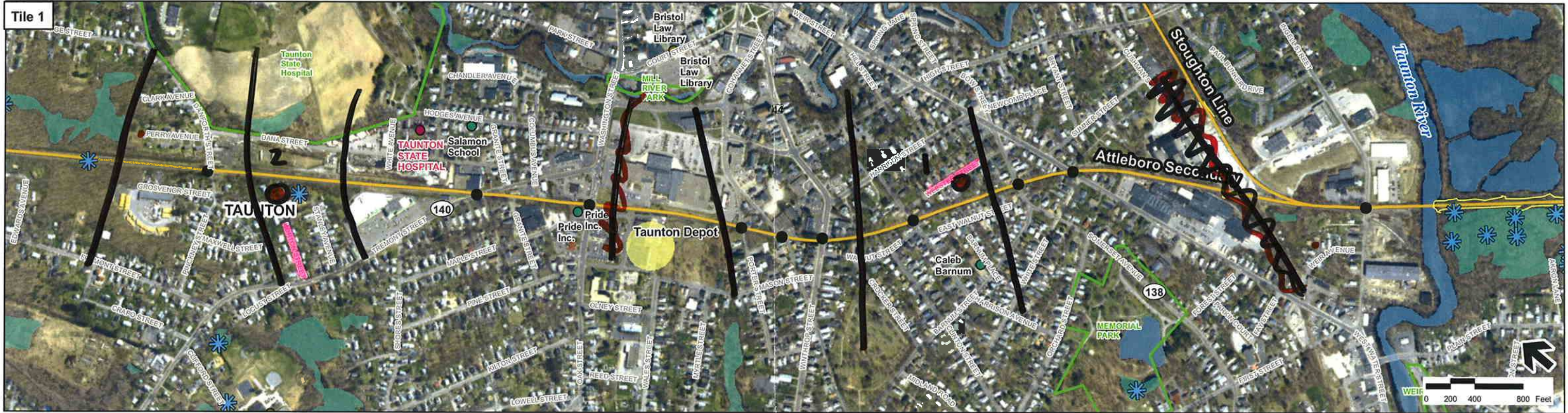
	Location	Land Use Category	Existing Leq (daytime)	Existing Leq (night time)	
	Taunton				
13 / 14	1 Webster Street • (12/14) ^{House}	2	4:15 - 4:35 56.7	7:05 - 7:30 53.4	EQP/SIDEWALK
12 / 15	2 Hoton Street	2	3:35 - 3:55 48.4	7:40 - 8:00 41.4	EQP
11 / 16	3 Powder Horn Drive	2	3:30 P 48.3	8:15 - 8:35 40.7	EQP
9 (10) / 17 (18)	4 Jeffreery Lane • A 1 School Bus @ 2:00 1 UPS TRUCK @ 2:15 / B) GARAGE #17 (18)	2	2:05 - 2:35 / 2:35 - 2:55 56.0 / (45.6)	8:45 - 9:05 / 9:05 - 9:25 51.8 / (39.7)	@ EQP EV + 3
	Norton				
8 / 19	5 Garrett Drive	2	1:35 - 1:55 39.8	9:35 - 9:55 42.7	@ EQP
7 / 20	6 Sturdy Street	2	1:05 - 1:25 46.5	10:05 - 10:25 41.1	30' off EQP
	Attleboro				
6 / 21	7 Pike Avenue	2	12:35 - 12:55 55.8	10:35 - 10:55 50.2	25' off EQP
5 / 22	8 Frontier Drive	2	12:05 - 12:25 46.8	11:05 - 11:25 39.9	@ EQP
	Mansfield				
1, 23 (9) / 23 (24)	9 Gilbert Street @ Active Rail + Cars on Gilbert	2	11:30 - 11:50 T-64.5 (53.9)	11:35 - 12:00 T-63.3 (47.0)	30' EQP

(9) GILBERT DAY
 # 2 - 1 TRAIN 45 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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- Legend**
- Community Health Centers
 - Hospitals
 - Libraries
 - Colleges
 - Schools
 - Town Boundaries
 - Proposed Rail Alternative
 - Grade Crossings
 - Proposed Station Site
 - Existing Layover Facilities
 - MBTA Commuter Rail Station
 - MBTA Commuter Rail
 - ✿ NHESP Certified Vernal Pools
 - ✿ NHESP Potential Vernal Pools
 - Zone A Surface Water Supply Protection Areas
 - Public Water Supplies
 - Zone I (400ft buffer of Public Water Supplies)
 - Area of Critical Environmental Concern (ACEC)
 - Public Open Space
 - Flagged Wetland (Previous Study)
 - DEP Wetlands
 - DEP Open Water

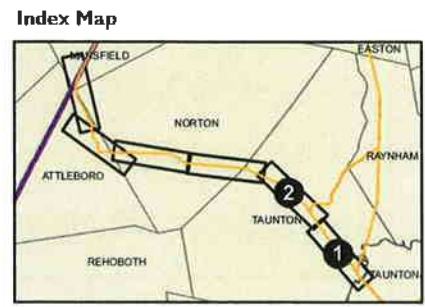


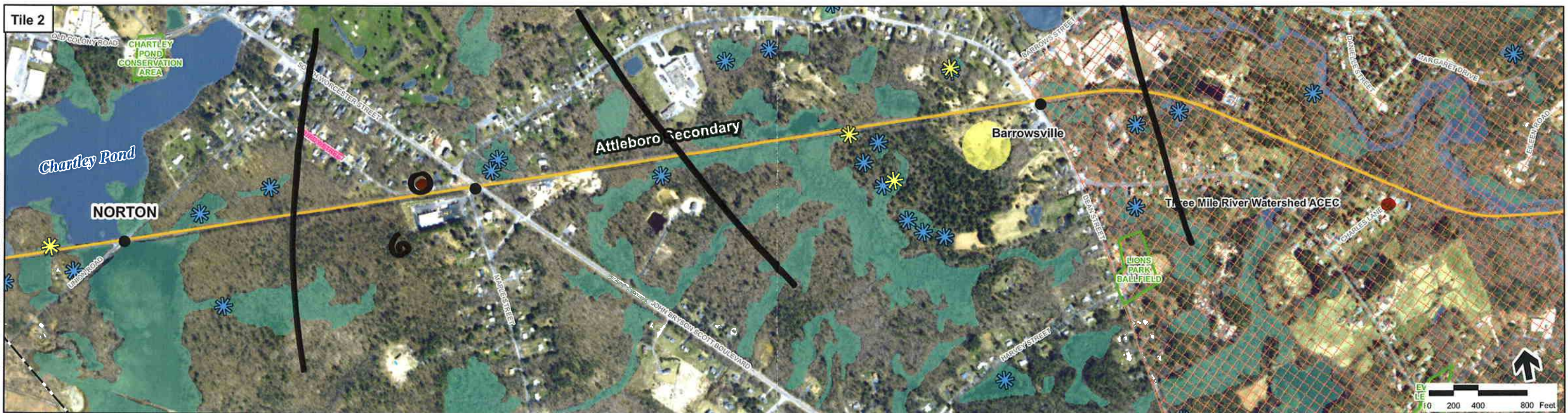
Figure 5-5a
Attleboro Secondary from Cotley Junction to Attleboro Bypass

Source: MassGIS
Prepared by: Vanasse Hangen Brustlin, Inc



Technical Report
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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

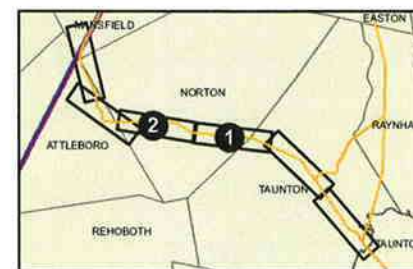


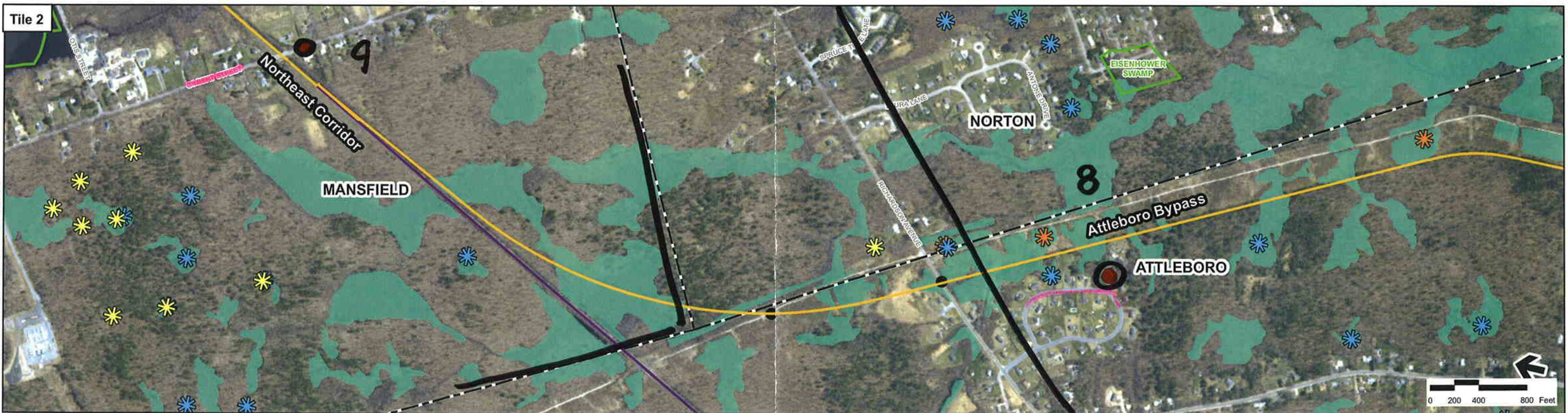
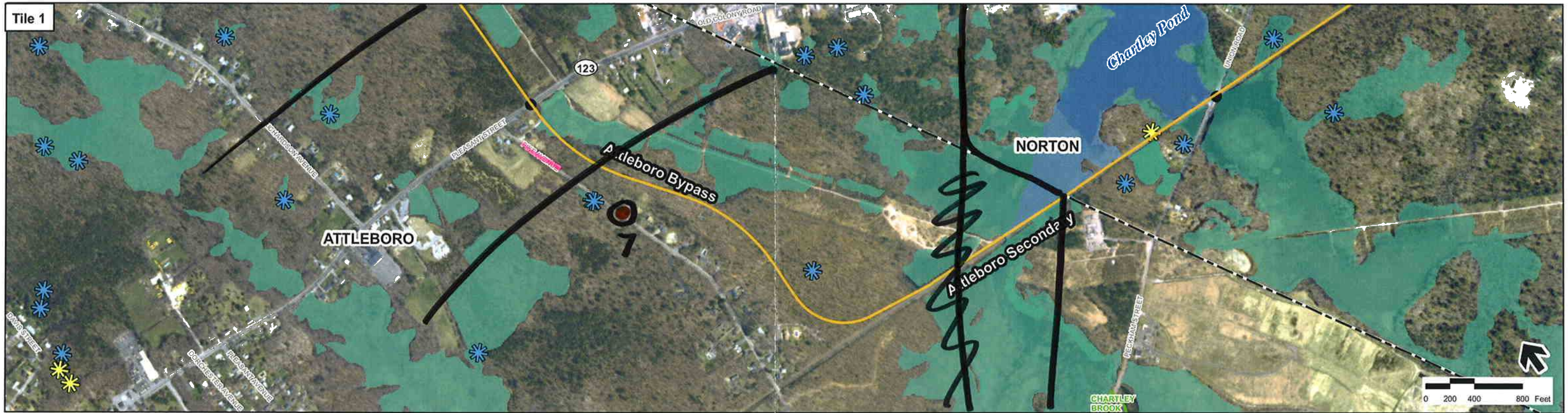
Figure 5-5b
Attleboro Secondary from Cotley Junction to Attleboro Bypass

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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

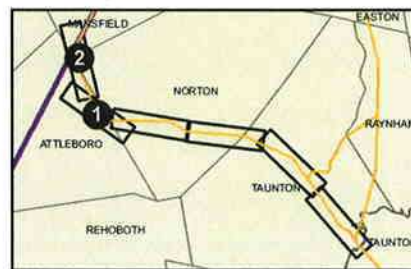


Figure 5-5c
Attleboro Secondary from Cotley Junction to Attleboro Bypass

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WORK SHEET



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Technical Report
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Northeast Corridor



**Technical Report
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Ln#

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 Bidge 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		335-350	710-715
10	Gilbert Street (without Trains)	2	53.9	47.0

50' FROM BARRIER @ EOP

Amherst Mass Ave, Sta

@ Cul de Sac EOP

on SW @ 123 N/A Paul

@ Cul de Sac EOP

@ Cul de Sac EOP

25' OFF EOP (Kids @ Play)

EOP 25' FROM END OF Cul De Sac

@ General turn around 200' FROM ST

14 - DON BARK - JUNK

15, ON HIGH ST.

#18 w/ TRAIN 3 MIN = 64.9 dBA 340-345

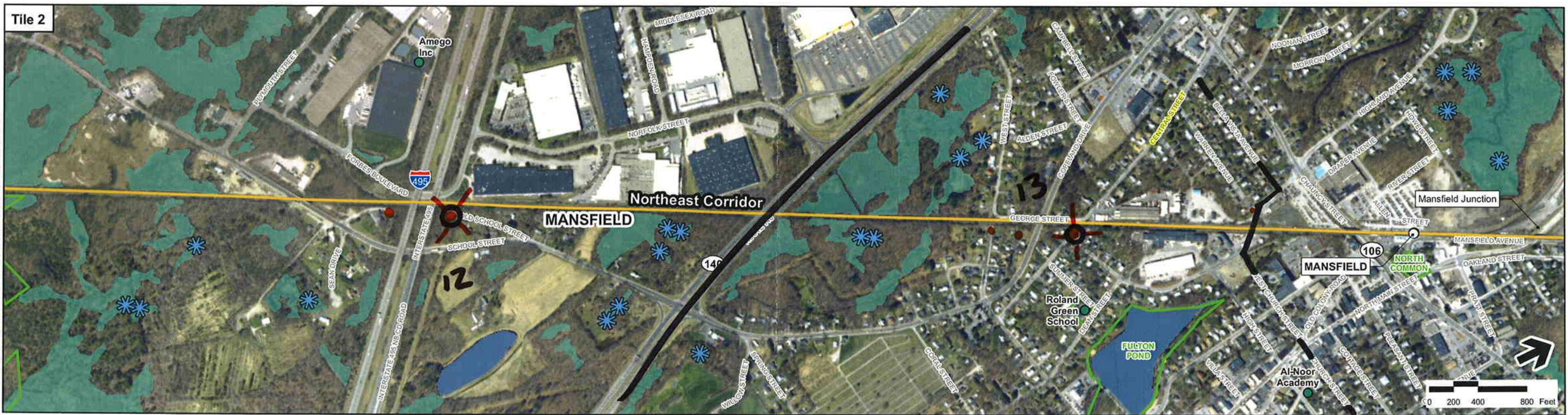
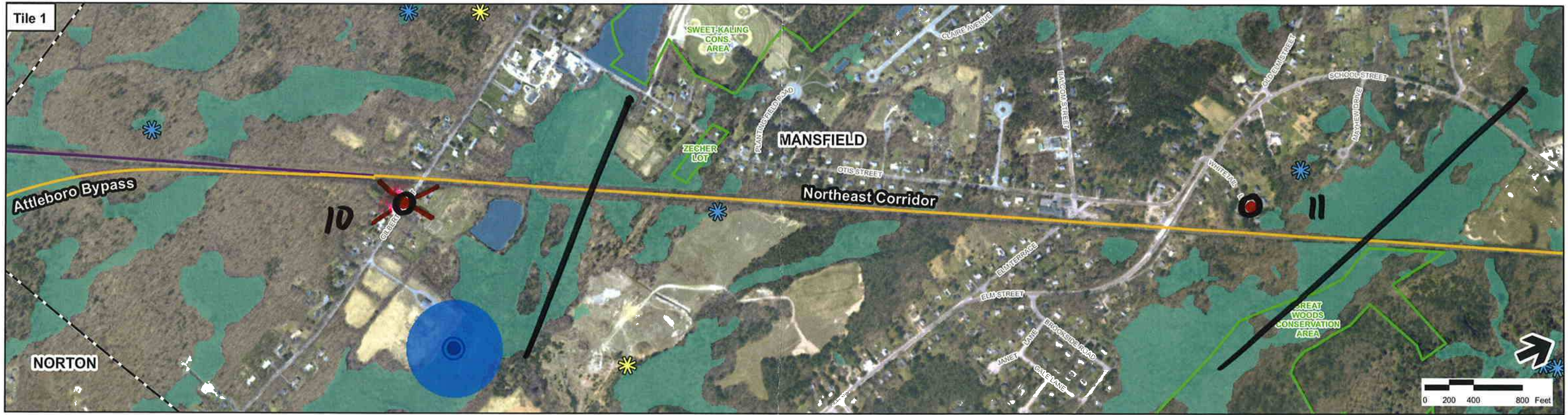
#2 w/ TRAIN 5 min 70.5 dBA (1225-1230)

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

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

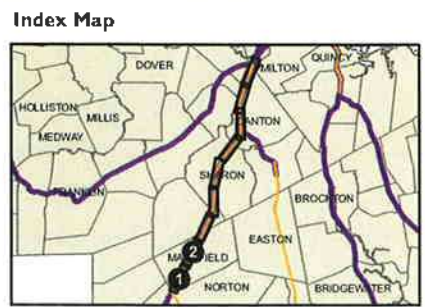
#8 w/ TRAIN 1 min 62.7 (202-203)

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



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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
 - DEP Wetlands
 - Schools
 - MBTA Commuter Rail Station
 - DEP Open Water
 - Town Boundaries
 - MBTA Commuter Rail
 - Zone I (400ft buffer of Public Water Supplies)



EOT

Source: MassGIS
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Figure 5-6a
Northeast Corridor

15 - Keryns Way



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 - DEP Open Water

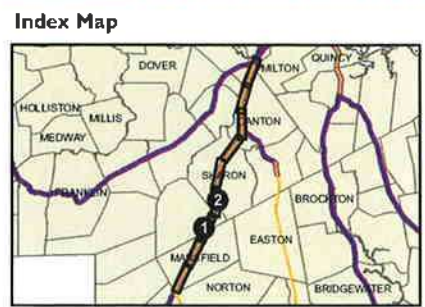
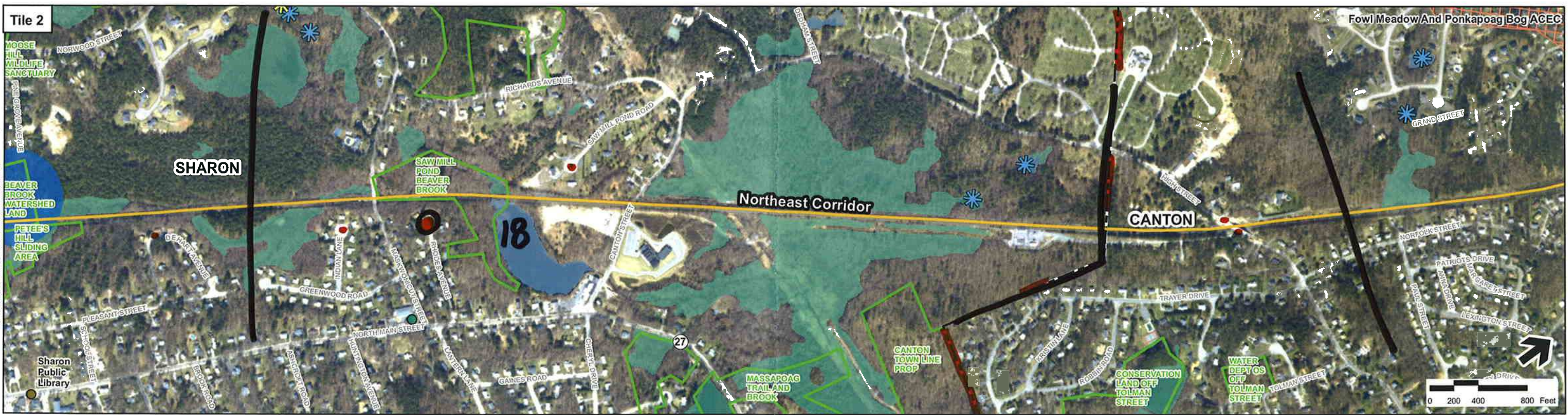


Figure 5-6b
Northeast Corridor

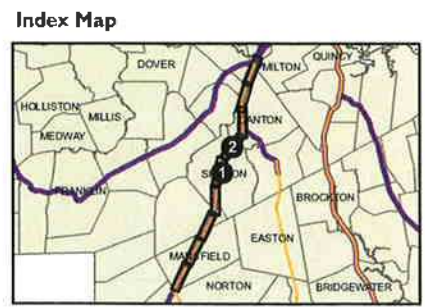
Source: MassGIS
Prepared by: Vanasse Hangen Brustlin, Inc

17 - Flintlock Road



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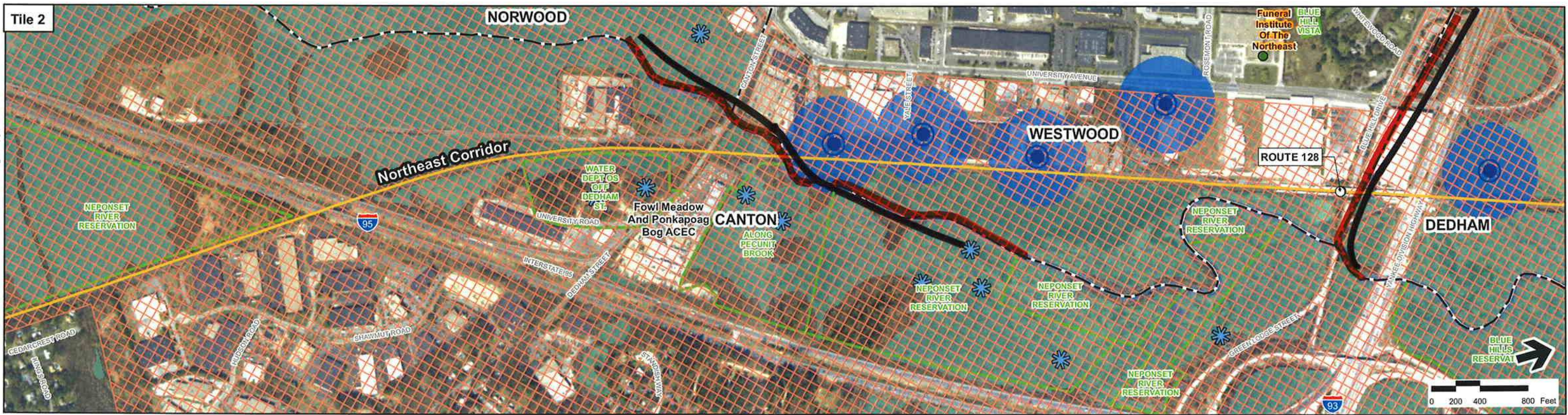
- Legend**
- Community Health Centers
 - Hospitals
 - Libraries
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 - ⬜ Town Boundaries
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 - ❄ NHESP Potential Vernal Pools
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 - ▨ Area of Critical Environmental Concern (ACEC)
 - ▨ Public Open Space
 - ▨ Flagged Wetland (Previous Study)
 - ▨ DEP Wetlands
 - ▨ DEP Open Water



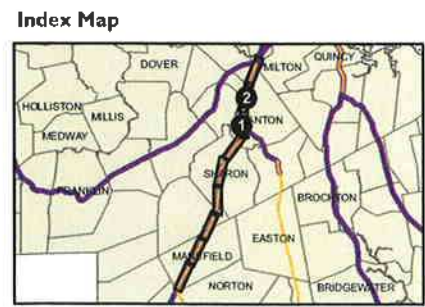
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Figure 5-6c
Northeast Corridor

19- Hartwell Pt x 123 Northol



- Legend**
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 - 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



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Figure 5-6d
Northeast Corridor



NB.
 Resident suggest extending Boston
 said it was end street 1 parcel.
 @ EOP
 30' from
 END OF RS.

1/12/2009
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Legend

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

Index Map



Figure 5-6e

Northeast Corridor

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Southern Triangle



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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
800 PM - 820
Duration: 20 Minutes

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

Results

Leq

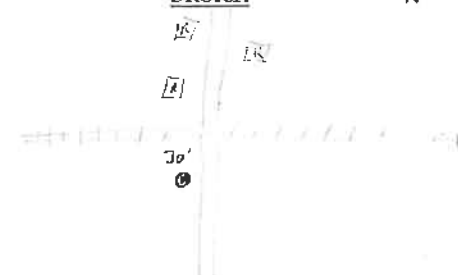
51.6 / 45.6

Sketch

→ N

Traffic Data Volumes Speeds

- Automobiles
- Medium Trucks
- Heavy Trucks



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 8:30 - 8:50 PM

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

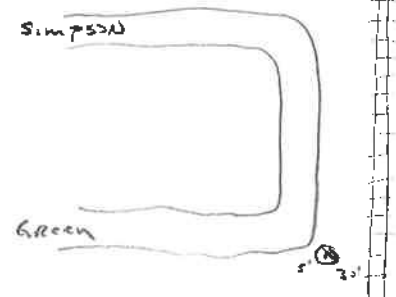
Results

Leq

55.3 / 41.2

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? 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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Watertown
Massachusetts 02272
617 924 1770
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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

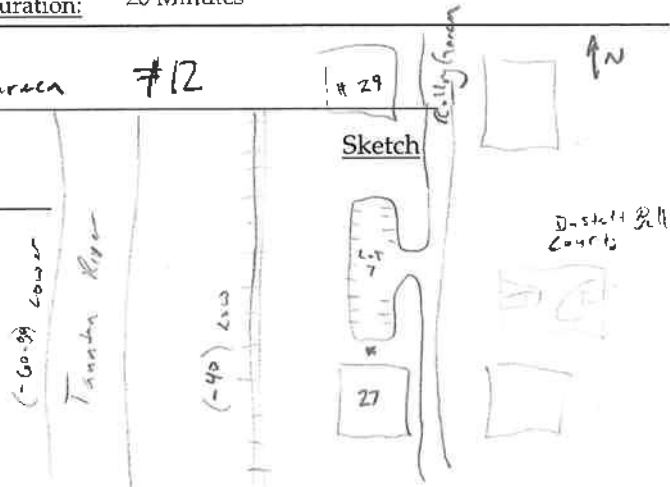
Speeds

Automobiles

Medium Trucks

Heavy Trucks

55.5 / 43.8



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
617 924 1770
FAX 617 924 2286

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 #B

Results

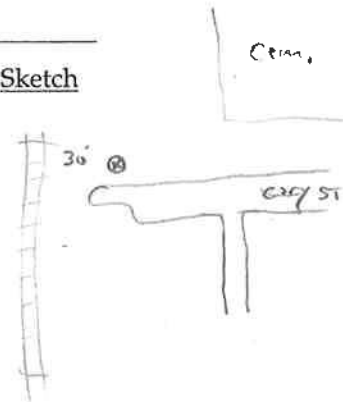
Leq

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 Dog Bark

Ldn = 55.2 / 55.1

(Not too close/ loud)



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: 12/30/09

Project No.:

Site: #5

Weather: 40° WIND

Noise Monitor: Larsen Davis 824

Time Start: 110 - 130 1015 - 1035

Duration: 20 Minutes

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

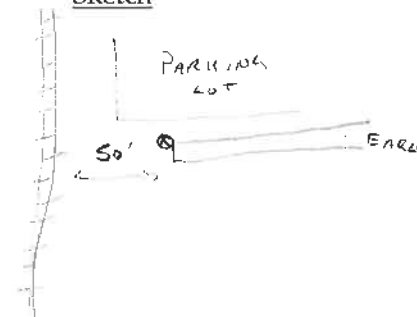
Results

Leq

55.6 / 47.6

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? WIND

$L_{dn} = (53.6) / (55.6)$



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: 12-30-08

Project No.:

Site: #6

Weather: 40° Wind

Noise Monitor: Larsen Davis 824

Time Start: 2:40 - 3:00 1045 - 11:05

Duration: 20 Minutes

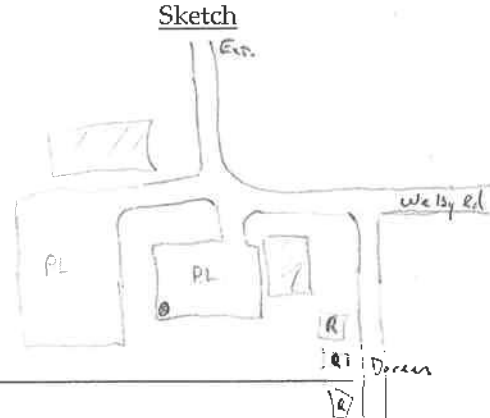
What was the name of the data run? #6 Welby Rd #15

Results

Leq

51.8 44.1

Traffic Data Volumes Speeds
Automobiles
Medium Trucks
Heavy Trucks



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
Post Office Box 9151
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: 3:5 - 3:35 11:20 11:40

Duration: 20 Minutes

What was the name of the data run? #7 GUNDER'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
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: # 8

Weather: 40' WIND

Noise Monitor: Larsen Davis 824

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

Duration: 20 Minutes

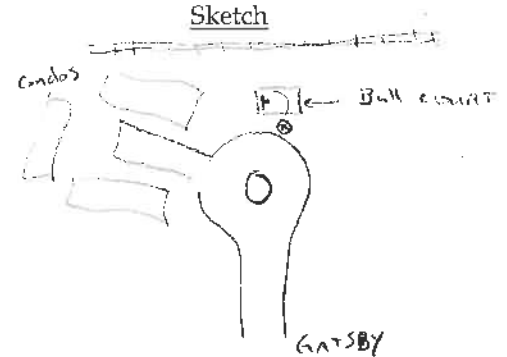
What was the name of the data run? # 8 GATSBY # 17

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: 4:30 - 4:50 12:30 - 12:50

Duration: 20 Minutes

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

Results

Leq

Traffic Data

Volumes

Speeds

Automobiles

Medium Trucks

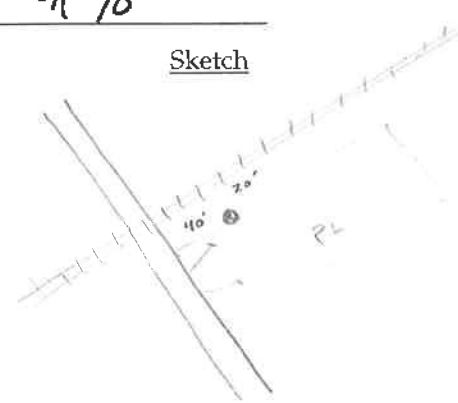
Heavy Trucks

63.1

54.6

← 35

Sketch



Notes:

What was the angle of exposure to the highway? 130°

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

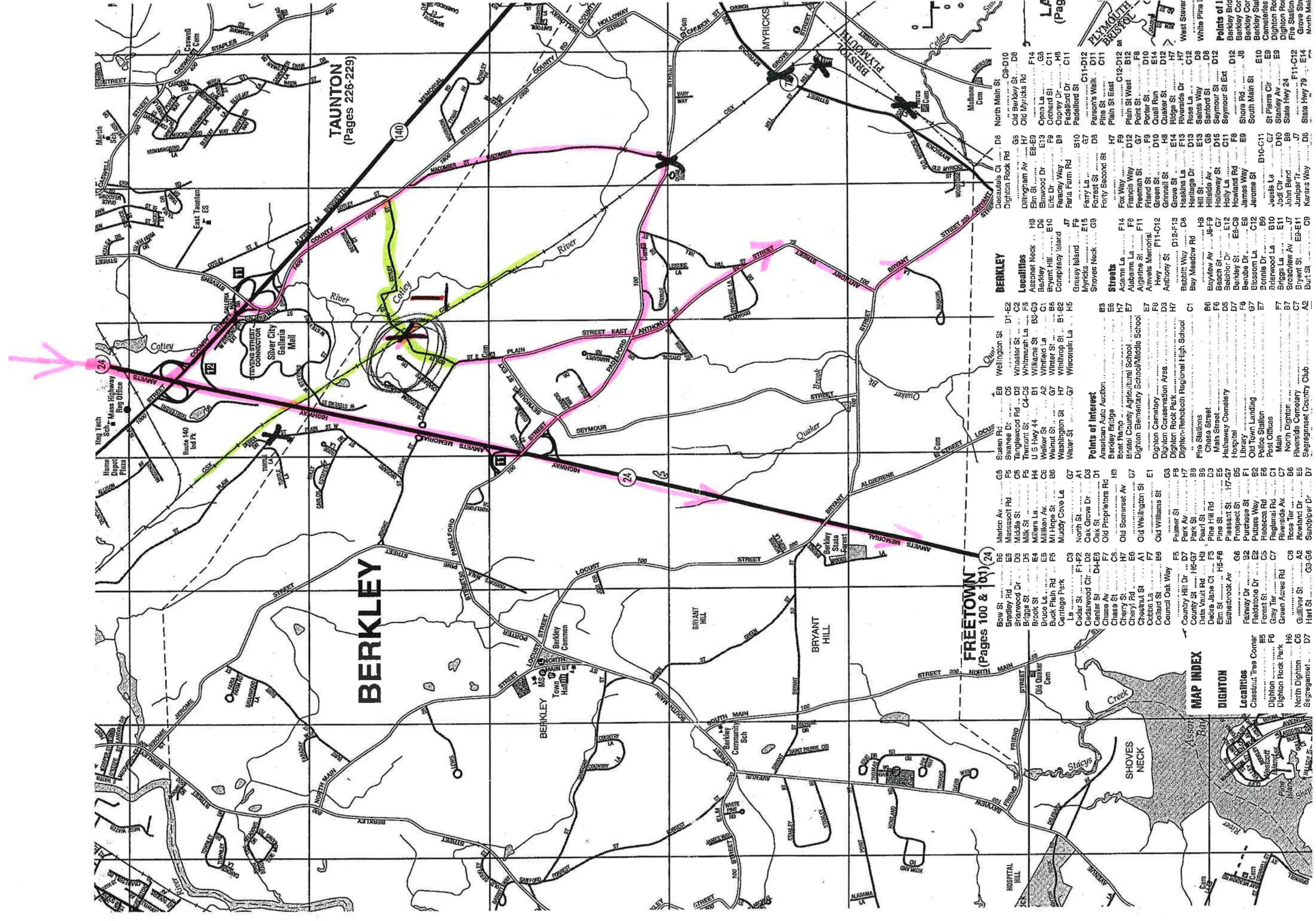
Were there significant other non-highway noise sources? NO

L_{dn} = 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

BERKLEY

Localities

- Assonet Neck H9
- Berkley H7
- Berkley Hill E8-E9
- Conspiracy Island E10
- Grassy Island F9
- Myricks E15
- Shoves Neck G9
- Adams La F14
- Audama La F9
- Argente St F11
- Arvets Memorial F9
- Hwy F11-C12
- Anthony St D12-F13
- Babbitt Way D8
- Bay Meadow Rd H8
- Bayview Av J8-F9
- Beach St G7
- Belchior Dr E12
- Berkley St E8-C9
- Berkley Dr E8
- Blossom La C12
- Bonnie Dr B9
- Briarwood La B10
- Briggs La E11
- Broadview Av J7
- Bryant St E8-E11
- Burt St C9
- Wellington St D1-E2
- Whaaler St C2
- Whitman La B9-G3
- Williams La B1
- Winfield La C1
- Winter St B6
- Winthrop St B1-B2
- Water St G7
- Wisconsin La H5
- Suan Rd E6
- Swanee Dr C5
- Tanglewood Rd D2
- Tramont St C4-C5
- U.S. Hwy 44 B1
- Walker St A2
- Washington St H7
- Water St G7
- Wisconsin La H5
- Marion Av G8
- Massachusetts Rd F5
- Middle St C5
- Milk St D5
- Millers La H4
- Milliken Av C6
- Mt Hope St B6
- Muddy Cove La G7
- North St A1
- Oak Grove Dr D3
- Oak St D1
- Old Proprietors Rd H8
- Old Somerset Av D7
- Old Wellington St E1
- Old Williams St G3
- Palmer St F9
- Park Av H7
- Park St B8
- Pearl St B5
- Pine Hill Rd D3
- Pine St E5
- Pleasant St B5
- Prospect St F1
- Purchase St B2
- Purveys Way E6
- Rebecca Rd E6
- Regimental Rd C1
- Riverside Av C7
- Rose Tar B6
- Rowland Rd E5
- Sandpiper Dr D7

Points of Interest

- American Auto Auction
- Barkley Bridge
- Bank Ramp
- Berkley State School
- Bristol County Agricultural School
- Dighton Elementary School/Middle School
- Dighton Cemetery
- Dighton Conservation Area
- Dighton Rock Park
- Dighton-Rehoboth Regional High School
- Fire Stations
- Chesa Street
- Main Street
- Hatnaway Cemetery
- Library
- Old Town Landing
- Police Station
- Post Offices
- Main
- North Dighton
- Riverside Cemetery
- Segreganset Country Club

Streets

- Adams La F14
- Albama La F9
- Argente St F11
- Arvets Memorial F9
- Hwy F11-C12
- Anthony St D12-F13
- Babbitt Way D8
- Bay Meadow Rd H8
- Bayview Av J8-F9
- Beach St G7
- Belchior Dr E12
- Berkley St E8-C9
- Berkley Dr E8
- Blossom La C12
- Bonnie Dr B9
- Briarwood La B10
- Briggs La E11
- Broadview Av J7
- Bryant St E8-E11
- Burt St C9

PLYMOUTH
BRISTOL

DIGHTON

Localities

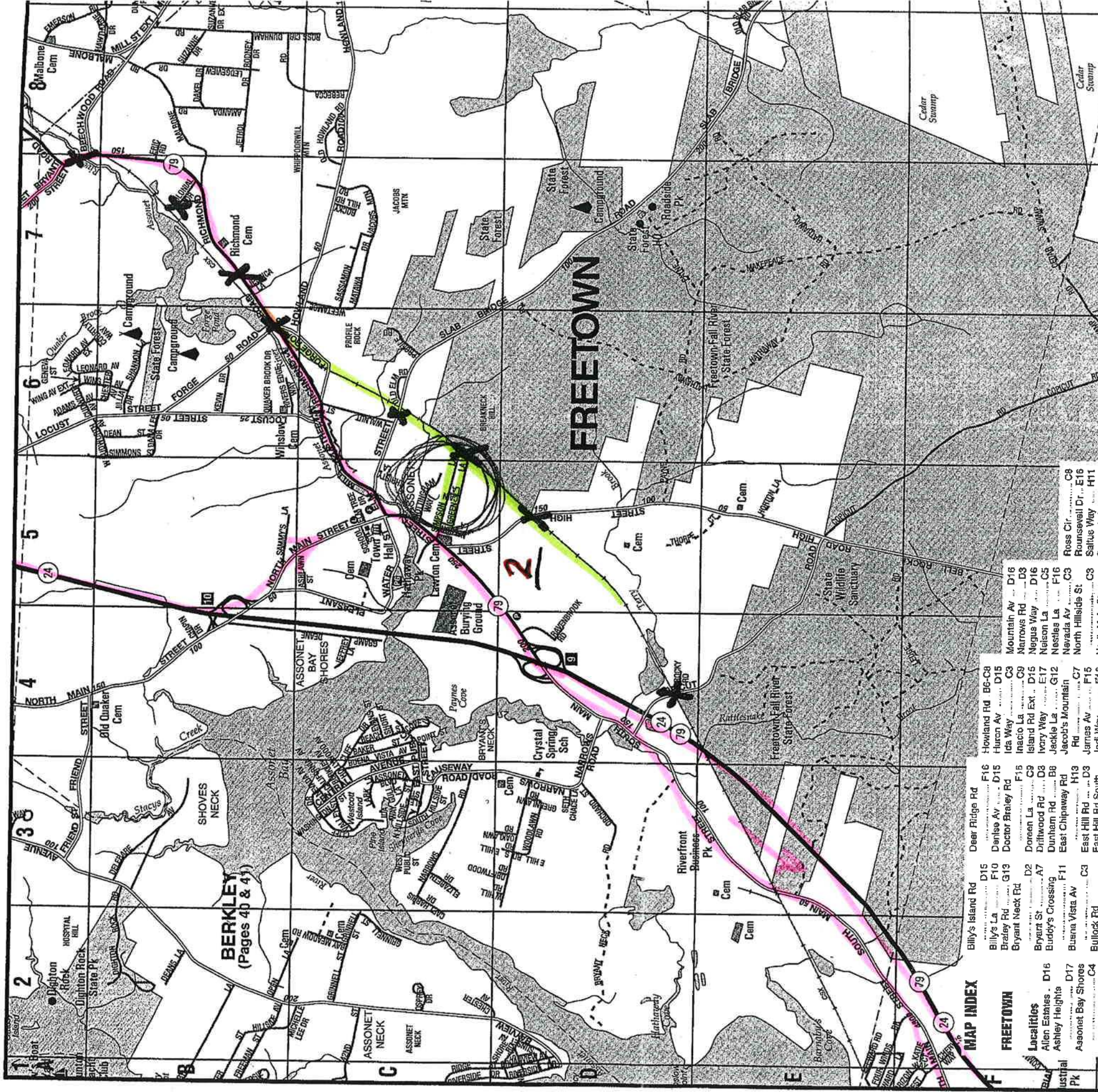
- Chestnut Tree Corner E5
- Dighton Rock Park F6
- North Dighton C8
- Segreganset H6

Points of Interest

- Barkley Bridge
- Barkley Cor
- Barkley Cor
- Barkley St
- Barkley St
- Cameleones
- Dighton Rock
- Dighton Rock
- Fire Station
- Grove St
- North

(Pag

100 FREETOWN



BERKLEY
(Pages 40 & 41)

FALL RIVER
(Pages 92-94)
Cedar Swamp

MAP INDEX

FREETOWN

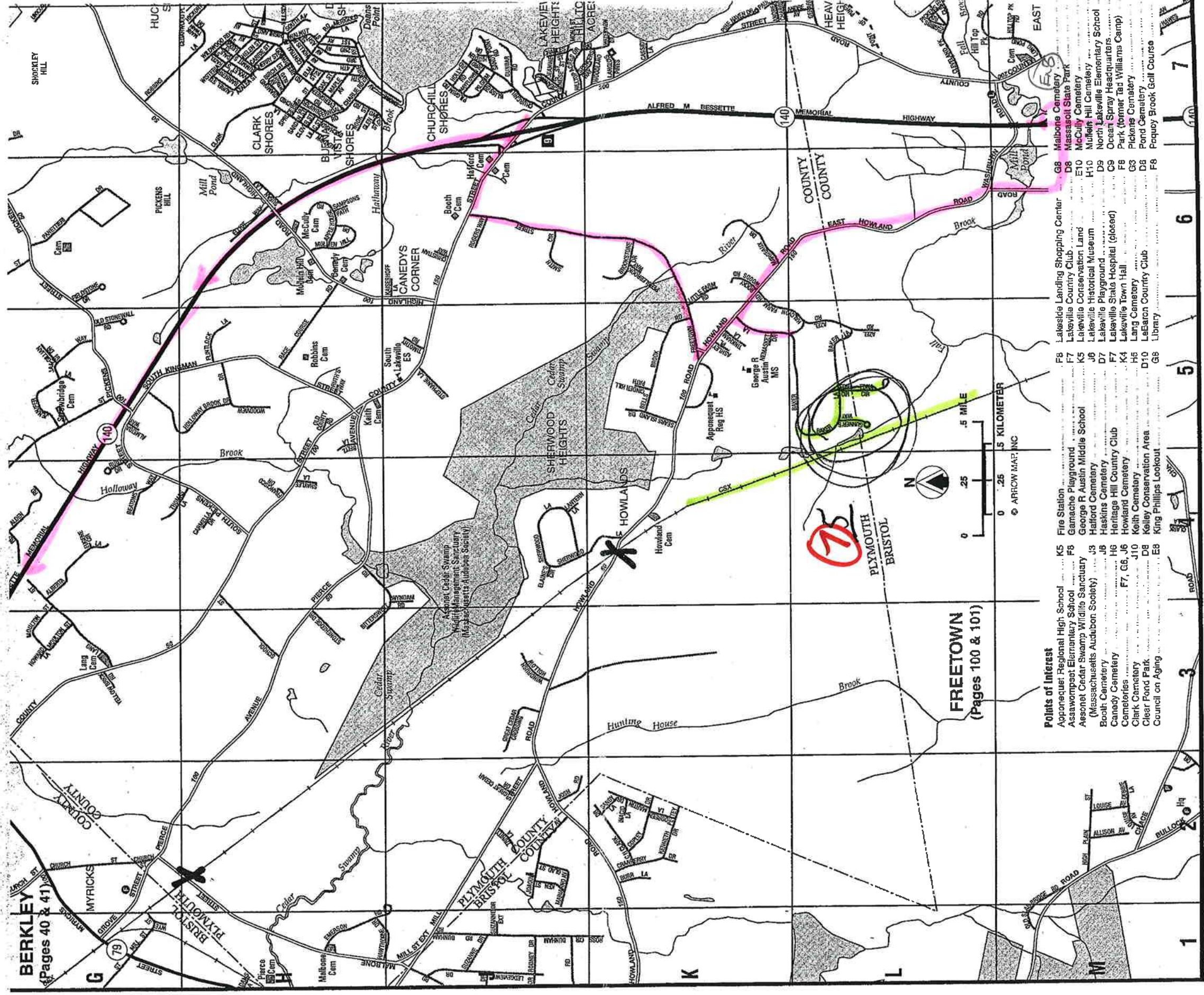
- Lacaites D16
- Allen Estates D17
- Ashley Heights D17
- Assonet Bay Shores C4
- Assonet C5
- Beach Bluff D15
- Brayleys H13
- Bryant's Neck C4
- Chace Valley E13
- East Freetown E14
- Heaven Heights D14
- Hemlock Point D15
- Masons Corner E15
- Pine Island C3
- Proprietors Acres F10
- Westcott Island C3
- Winslow Point D1
- Abraham Av D17
- Adams Av A6
- Alfred M Bessette Memorial Hwy F15

- Billy's Island Rd D15
- Billy's La F10
- Braley Rd G13
- Bryant Neck Rd D2
- Bryant St D7
- Buddy's Crossing F11
- Buena Vista Av H13
- Bullock Rd C3
- Burns La E9-H11
- Burr La C9
- C H Clark Dr C9
- Cain La C5
- California Av C3
- Capt Harris Dr C2
- Carpenters La C2
- Causeway Rd G11
- Cedar Swamp Rd F7
- Central Av C3
- Chace Rd E8-E12
- Chapin Dr B4
- Charbonneau Av C14
- Chester Av B6
- Chipaway La H12
- Chipaway Rd G11-G13
- Christy La G11
- Clark La E11
- Clemont Way F15
- Deer Ridge Rd F16
- Danise Av D15
- Doctor Braley Rd F15
- Doreen La C9
- Driftwood Rd D3
- Dunham Rd B8
- East Chipaway Rd H13
- East Hill Rd D3
- East Hill Rd South D3
- East Howland Rd D13
- East Public St C3
- Edna Cir D12
- Edward G Pina La F13
- Elizabeth Dr C3
- Elm Av C16
- Elm St C5
- Elm Tree Dr C8
- Eric Rd C4
- Estelle Av C14
- Evans St C4
- Fiag Swamp Rd J10
- Forge Rd B6-C8
- Friend St A3
- Garden Path E15
- Gertrude St A8
- Gibbs Av D14
- Glad St B9
- Glen St C3
- Howland Rd B6-C8
- Huron Av D15
- Ida Way C3
- Inacio La C9
- Island Rd Ext D15
- Ivory Way E17
- Jackie La G12
- Jacob's Mountain Rd C7
- James Av F16
- Jedi Way C4
- Jessica La B7
- Johno Dr B8
- Jillian Dr B6
- Joaquin Av B9
- Jordan La F11
- Kathryn Dr E15
- Keene Rd F16
- Kelly Dr H11
- Ken St B9
- Kannash Petty Dr C9
- Kevin Dr B6
- King Philip Way F10
- Koss Av F14
- Lalayette PK D18
- Lakeview La D15
- Lark La C3
- Lark La C3
- Lodge Rd F4
- Leonard Av A6
- Leonard Av Ext A8
- Mountain Av D16
- Narrows Rd D3
- Negus Way D16
- Nelson La C5
- Nessie La F16
- Nevada Av C3
- North Hillside St C3
- North Main St A4-B5
- Nottingham Way C5
- Oaklawn Rd D3
- Old Elm Rd C6
- Old Howland Rd C7
- Old Slab Bridge Rd C7
- Olivia La E16
- Orchard St D3
- Ota Way G10
- Palmar Ct E12
- Parker Dr E12
- Parker Ter E12
- Paul Av D15
- Payne Av D15
- Pickens Av D14
- Pleasure Way D14
- Pierce Way East G10
- Pierce Way East Ext G10

Points of Interest

- Assonet Burying Ground C4
- Boat Ramp (State) D16
- Braley Cemetery E17
- Campgrounds (State Forest) B6, D7
- Chace Cemetery E12
- Crago Cemetery H11
- Crystal Spring School D4
- Fire Stations C5
- Assonet #1 E14
- East Freetown #2 E9
- Headquarters F9
- Freetown Elementary School F9
- Freetown-Fall River State Forest B6, C7, E4, E8-D7
- Hatnaway Park D4-45
- Hilltop Park D4-B7
- Libraries C5
- Lawton Cemetery C5
- Libraries E4

- Wing Av Ext A6
- Woodlawn Rd D3
- Worrell St D17
- Winslow Way G10



BERKLEY
(Pages 40 & 41)

FREETOWN
(Pages 100 & 101)

Points of Interest

- Apponequet Regional High School K5
- Assawamisset Elementary School F6
- Assonet Cedar Swamp Wildlife Sanctuary (Massachusetts Audubon Society) J3
- Booth Cemetery J6
- Canedy Cemetery H6
- Canedy Cemeteries F7, G6, J6
- Clark Cemetery J10
- Clear Pond Park D8
- Council on Aging E8
- Fire Station K5
- Gamache Playground F6
- George R Austin Middle School J3
- Hafford Cemetery J6
- Haskins Cemetery H6
- Heritage Hill Country Club F7, G6, J6
- Howland Cemetery J10
- Keith Cemetery D8
- Keith Conservation Area D8
- King Phillips Lookout E8
- Lakeside Landing Shopping Center F8
- Lakeville Country Club F7
- Lakeville Conservation Land K5
- Lakeville Historical Museum D7
- Lakeville Playground D7
- Lakeville State Hospital (closed) F7
- Lakeville Town Hall K4
- Lang Cemetery H6
- LeBaron Country Club D10
- LeBaron Country Club Library G6
- Malbone Cemetery G8
- Massasoit State Park D8
- McCully Cemetery E10
- Mullen Hill Cemetery H10
- North Lakeville Elementary School D9
- Ocean Spray Headquarters 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

Stoughton Line

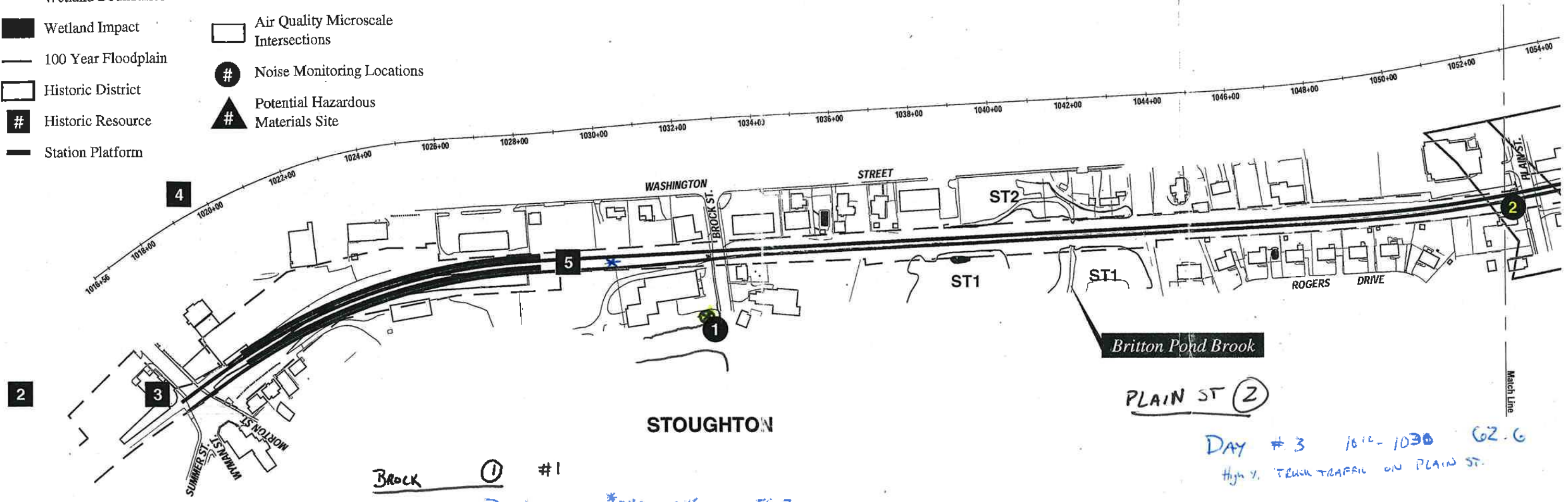


**Technical Report
Noise and Vibration
Draft**

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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

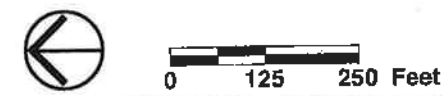
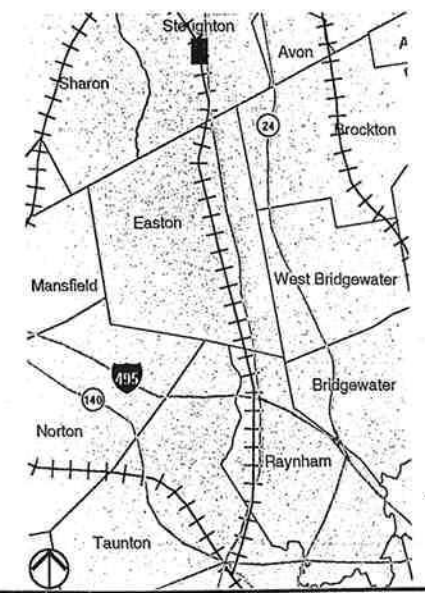


Back ① #1

DAY #1	*9:30 - 9:45	56.7
#2	9:45 - 10:00	59.4
#22	2:45 - 2:55 AM	45.3
Low density (12-31-08)		
#23	2:55 - 3:05 AM	37.6
AG CHECK		
Ldn = 50.4 / 50.4		57.1

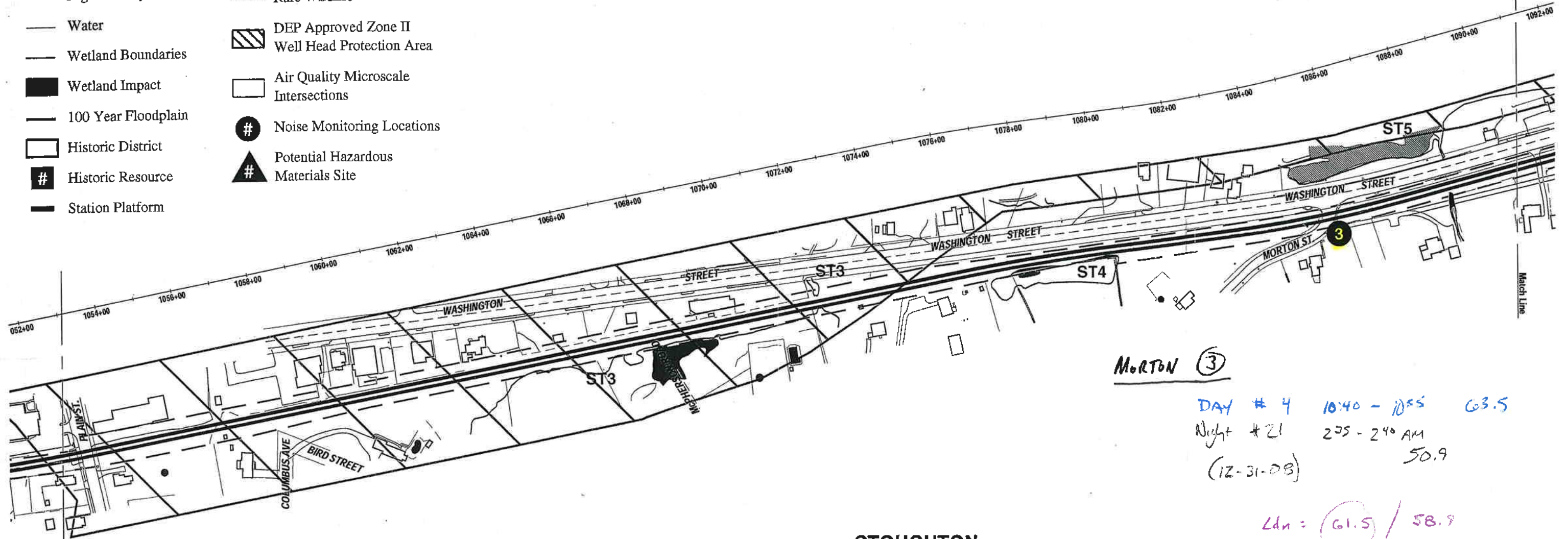
42.4

DAY #3 10:15 - 10:30 62.6
 High V. TRUCK TRAFFIC ON PLAIN ST.
 Ldn = 60.6



#1 * TRAIN IDLING BEHIND BUILDING

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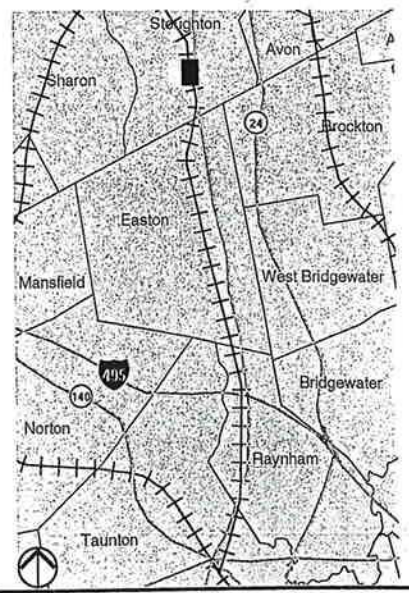


MORTON ③

DAY # 4 10:40 - 10:55 63.5
 Night # 21 2:35 - 2:40 AM 50.9
 (12-31-03)

LDN = 61.5 / 58.9

STOUGHTON



Massachusetts
 Bay
 Transportation
 Authority

New Bedford / Fall River Commuter Rail

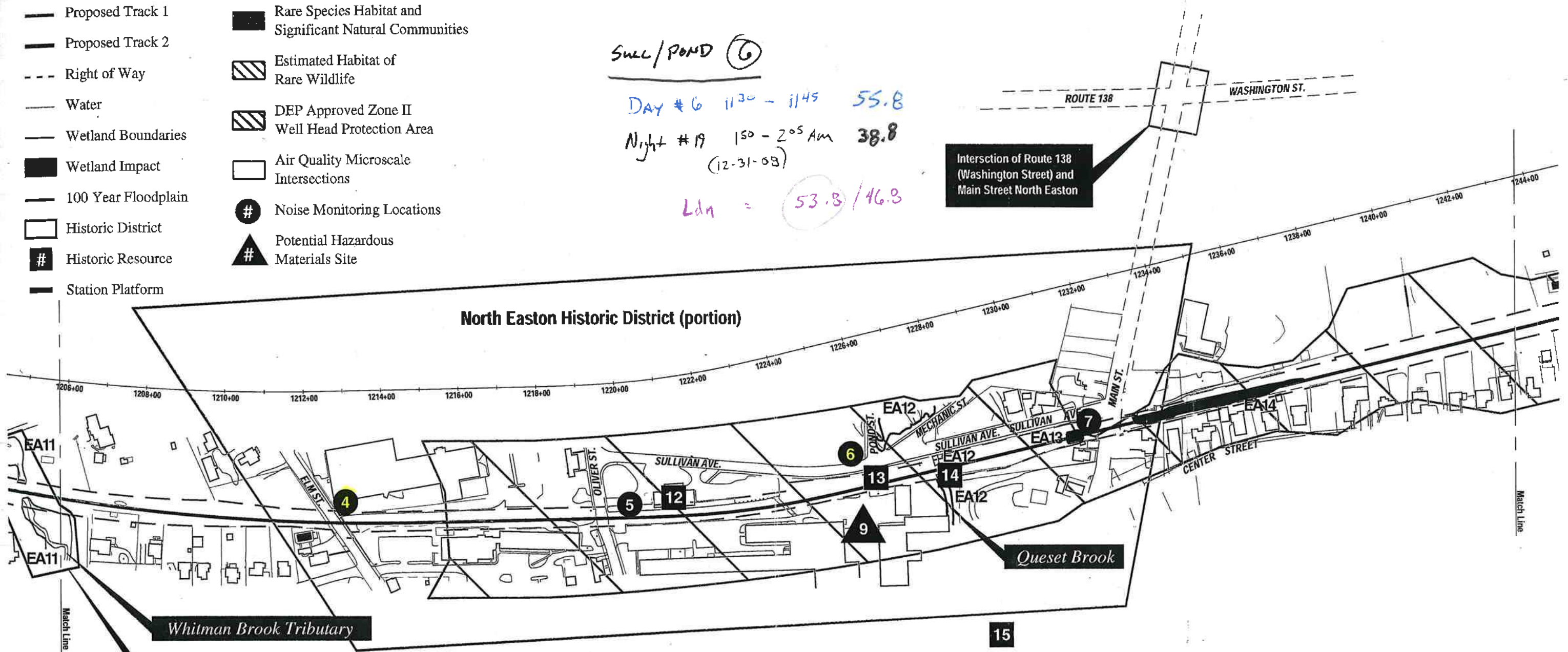
Figure 2.3-2
 Stoughton Branch
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- Proposed Track 1
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SULL/POND (6)

DAY # 6 1130 - 1145 55.8
 Night # 19 150 - 205 Am 38.8
 (12-31-03)

Ldn = 53.8 / 46.8



Intersection of Route 138 (Washington Street) and Main Street North Easton

Whitman Brook Tributary

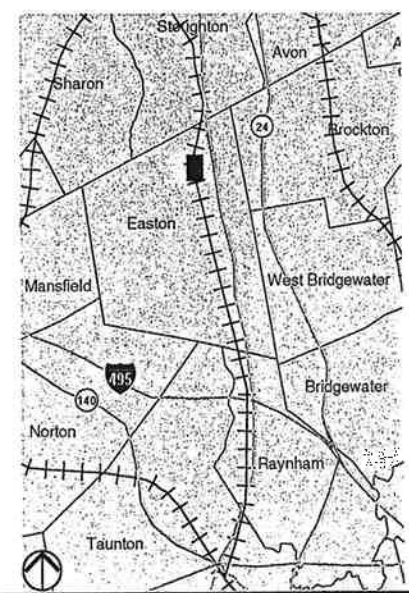
Approximate Floodplain no Base Flood Elevation Provided

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

T Massachusetts Bay Transportation Authority

Figure 2.3-2
 Stoughton Branch
 Sheet 6 of 23

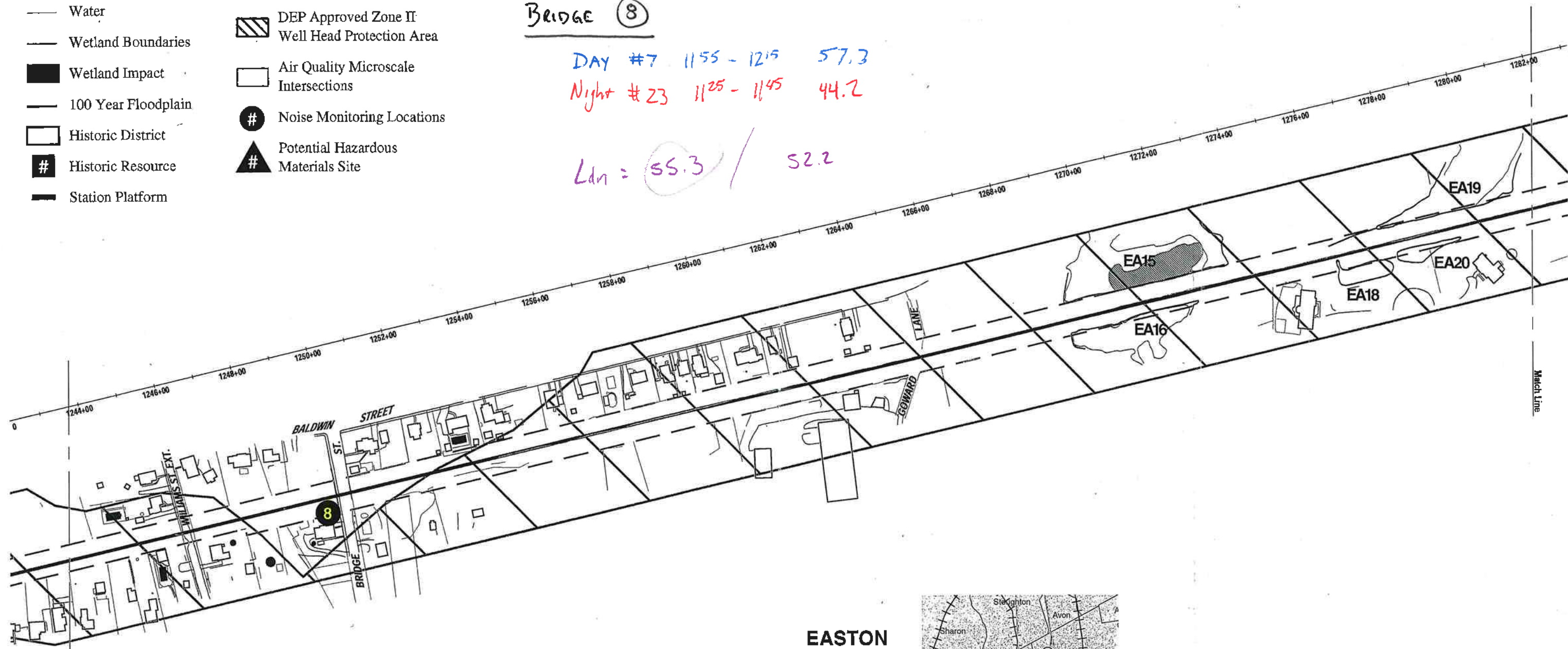
New Bedford / Fall River Commuter Rail

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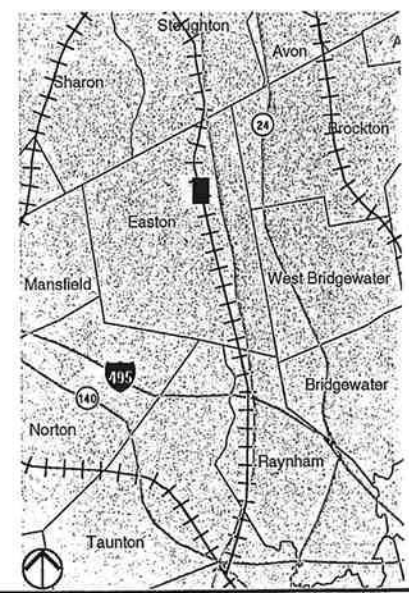
BRIDGE 8

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

Ldn = 55.3 / 52.2



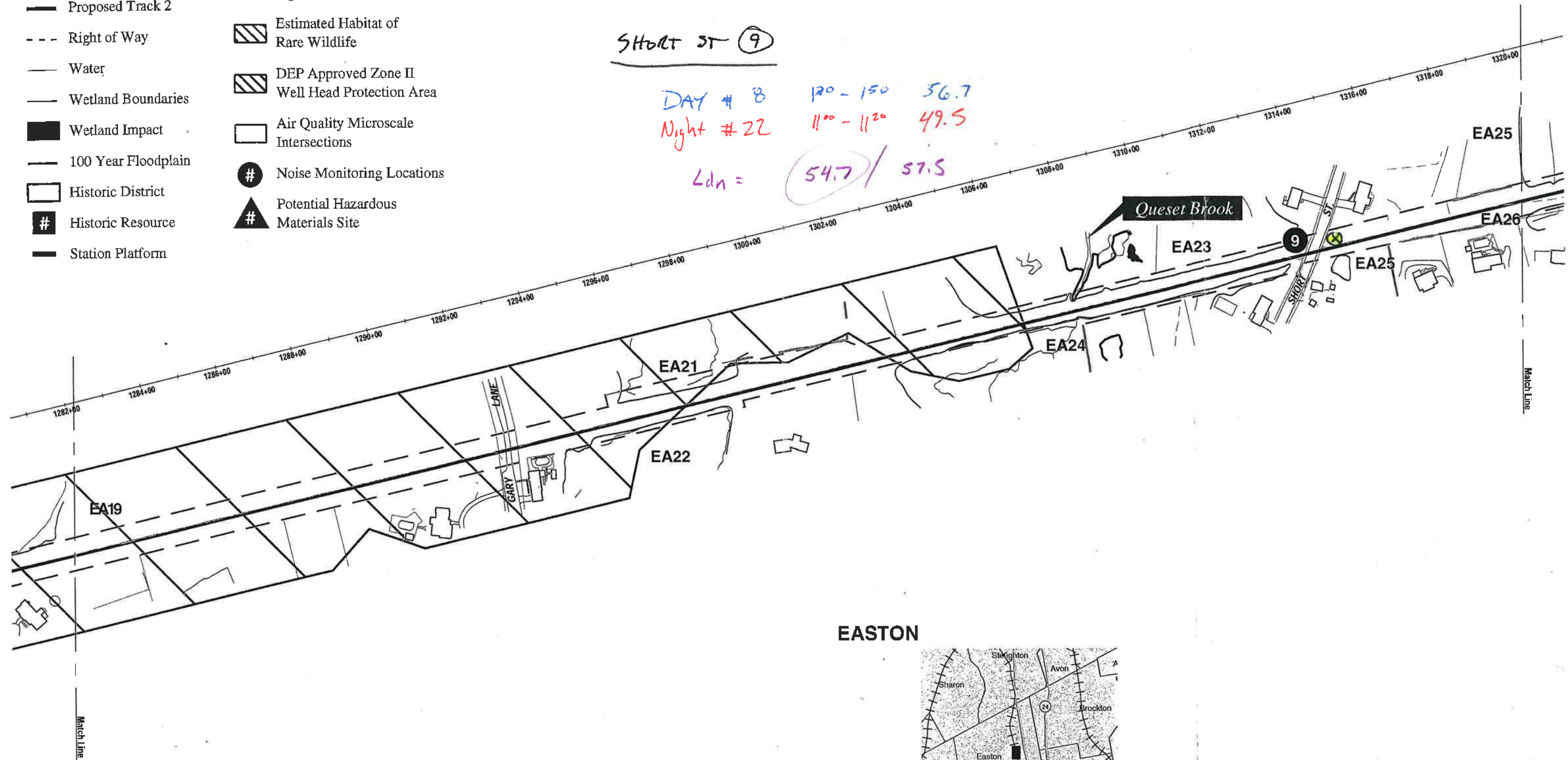
EASTON



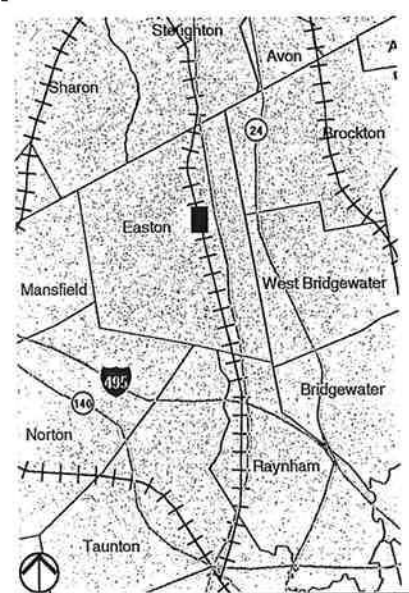
- Proposed Track 1
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SHORT ST ⑨

DAY # 8 120 - 150 56.7
 Night # 22 11⁰⁰ - 11²⁰ 49.5
 Ldn = 54.7 / 57.5



EASTON

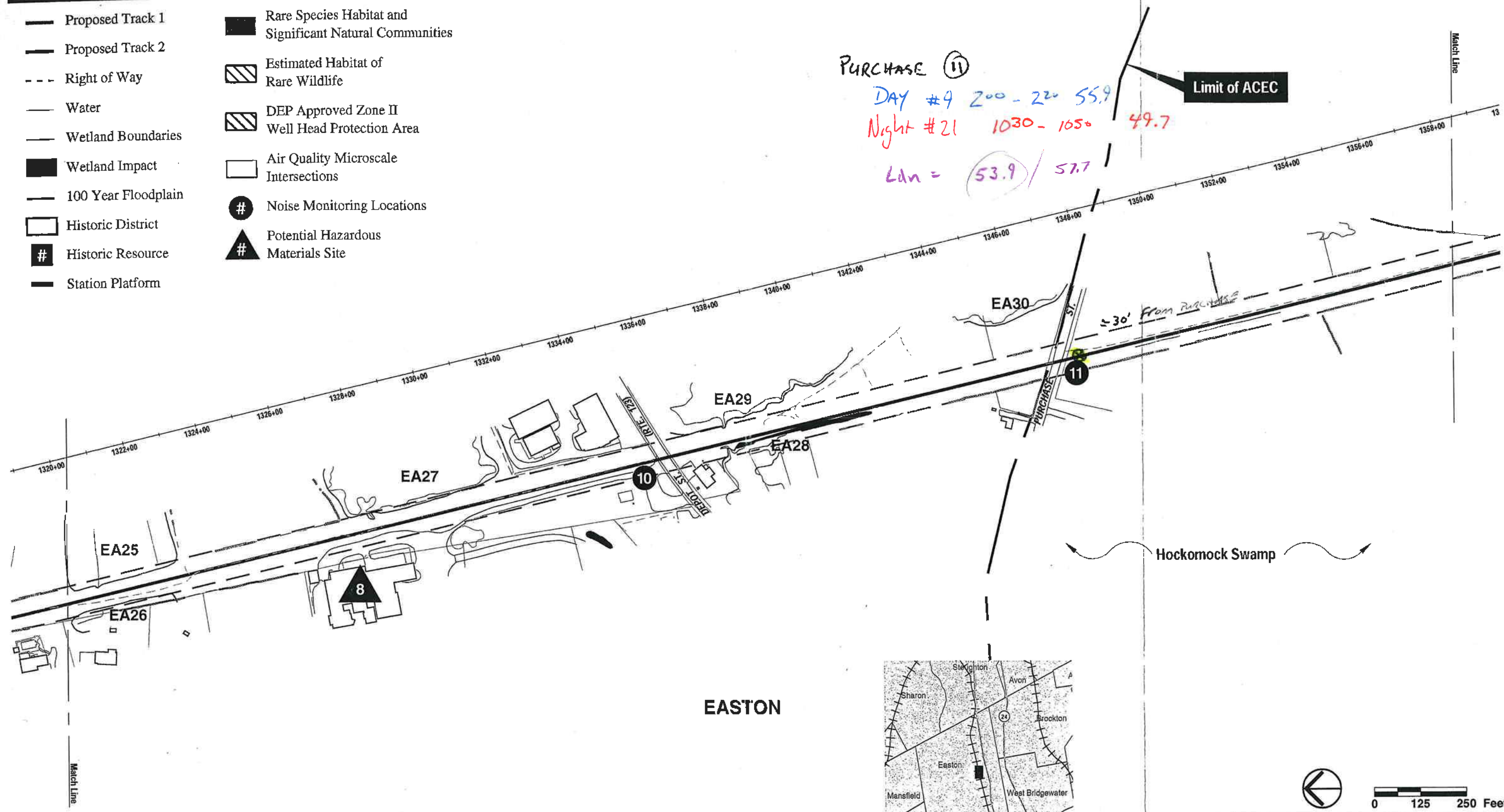


Massachusetts
 Bay
 Transportation
 Authority

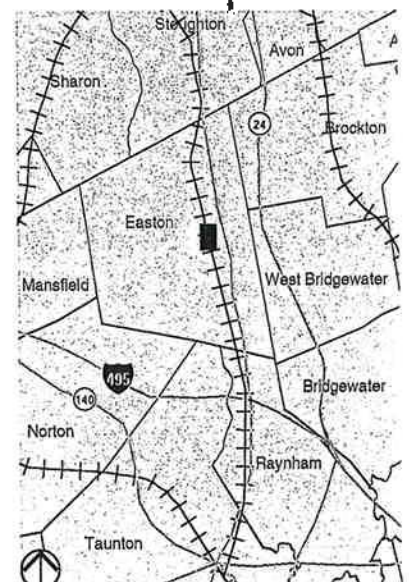
New Bedford / Fall River Commuter Rail

Figure 2.3-2
 Stoughton Branch
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- # Potential Hazardous Materials Site



EASTON

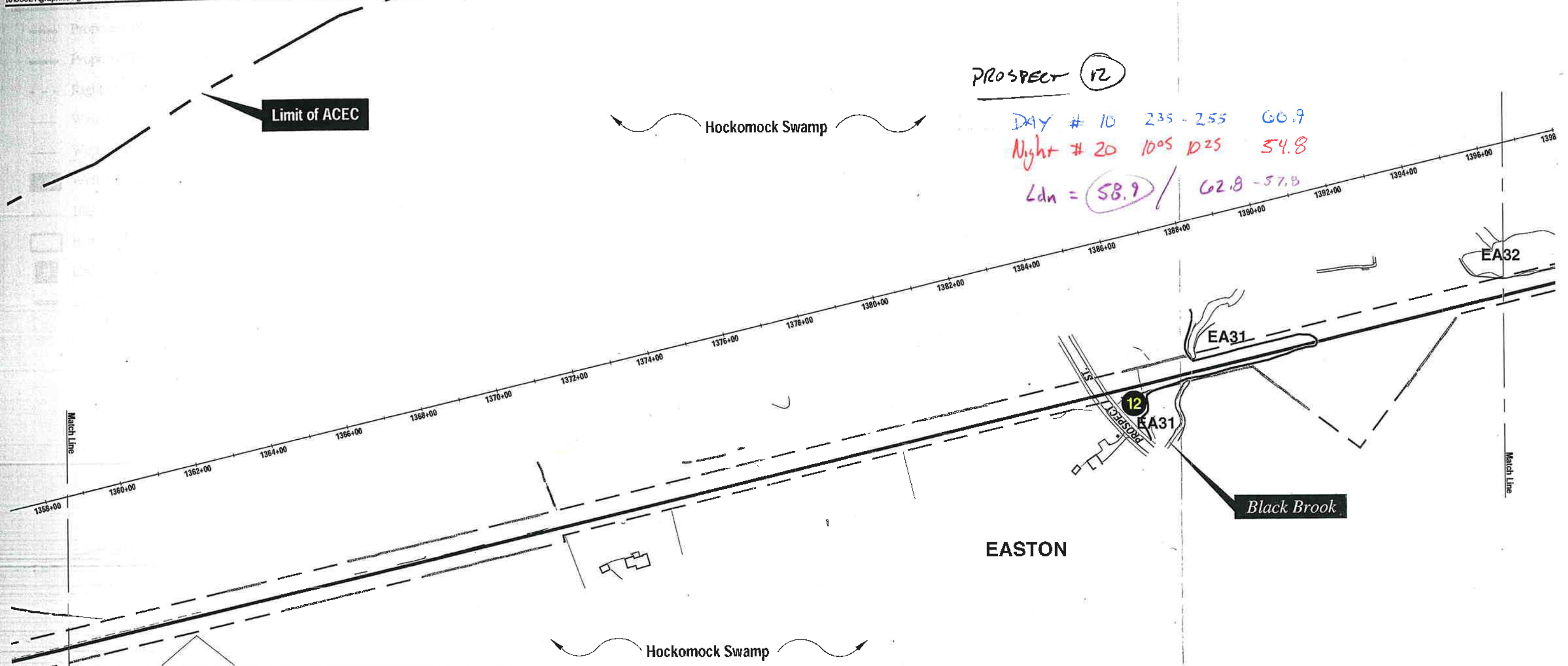


Massachusetts Bay Transportation Authority

New Bedford / Fall River Commuter Rail

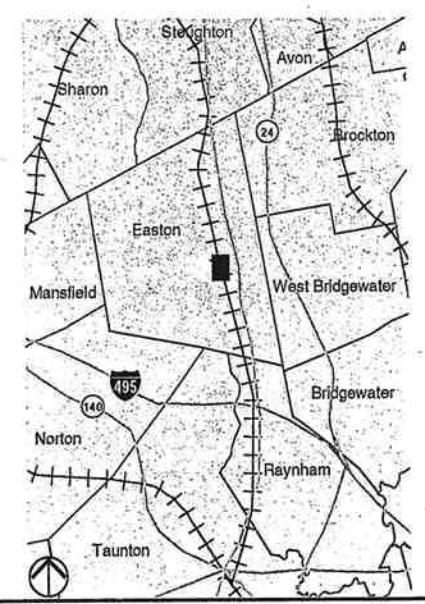
Figure 2.3-2
Stoughton Branch
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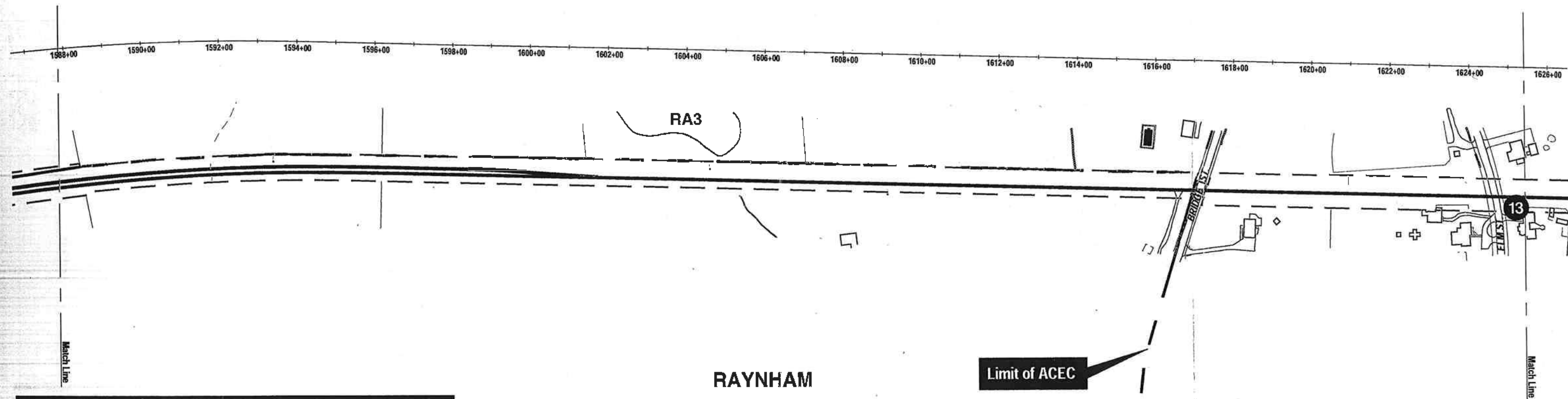


PROSPECT 12
 DAY # 10 235 - 255 60.9
 Night # 20 1005 1025 54.8
 Ldn = 58.9 / 62.8 - 57.8

- | | |
|---------------------|--|
| Proposed Track 1 | Rare Species Habitat and Significant Natural Communities |
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| Wetland Impact | Potential Hazardous Materials Site |
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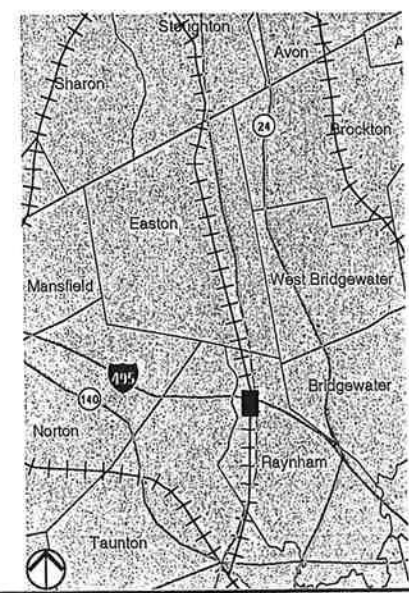
New Bedford / Fall River Commuter Rail
Figure 2.3-2
Stoughton Branch
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RAYNHAM

Limit of ACEC

Hockomock Swamp



- Proposed Track 1
- Proposed Track 2
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Massachusetts Bay Transportation Authority

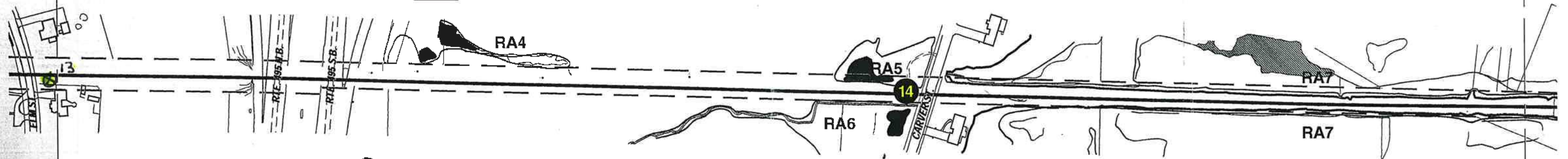
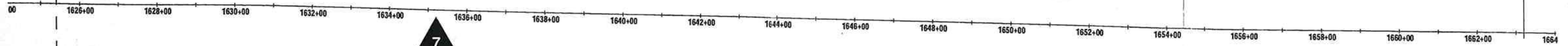
New Bedford / Fall River Commuter Rail

Figure 2.3-2
Stoughton Branch
Sheet 16 of 23

CARVER (14)

DAY #12 340 - 400 62.9
 Night #18 855 - 915 57.0

Ln = 60.9 / 60



ELM (13)

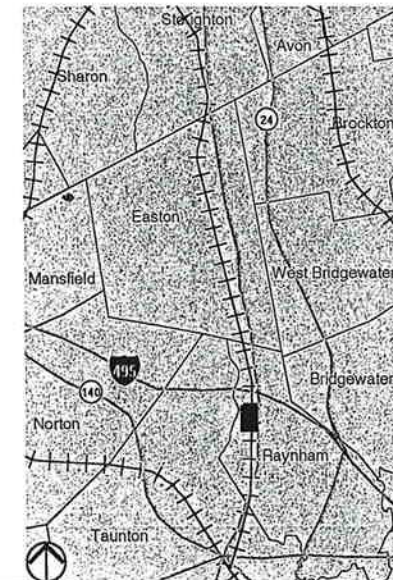
DAY #11 310 - 330 55.5
 Night #19 925 - 945 52.0

Ln = 53.5 / 55

RAYNHAM

30' off Carver St.

- Proposed Track 1
- Proposed Track 2
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Massachusetts Bay Transportation Authority

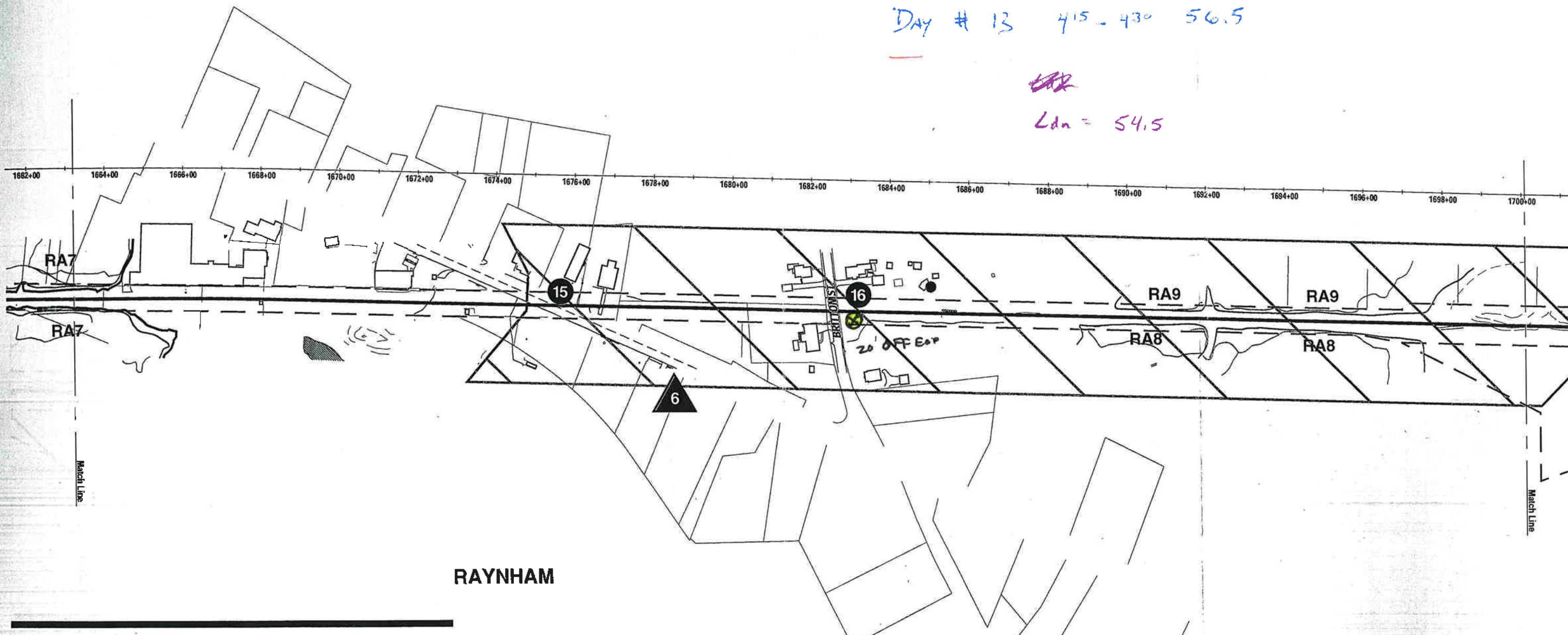
New Bedford / Fall River Commuter Rail

Figure 2.3-2
 Stoughton Branch
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BRITTON ST (16)

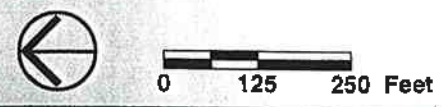
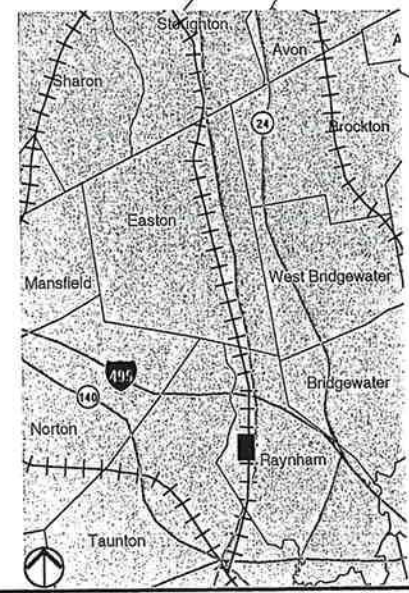
Day # 13 415 - 430 56.5

~~54.2~~
Ldn = 54.5



RAYNHAM

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- Air Quality Microscale Intersections
- # Noise Monitoring Locations
- # Potential Hazardous Materials Site



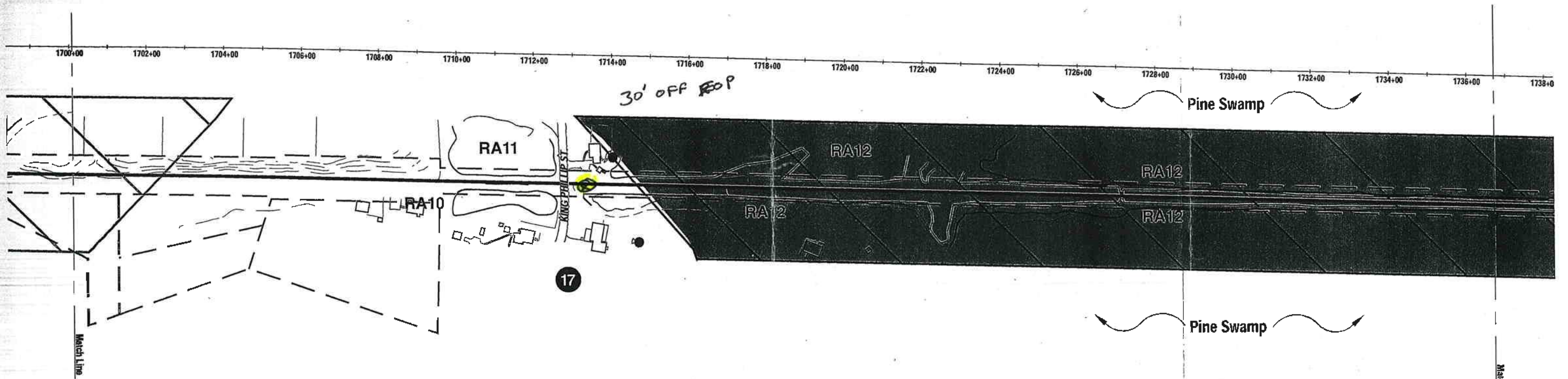
T Massachusetts Bay Transportation Authority
Figure 2.3-2
Stoughton Branch
Sheet 18 of 23

KING PHILLIP (17)

DAY # 14 500-515 59.3

Night # 17 830-850 53.4

Ldn = 57.3 / 56.4



RAYNHAM



- | | |
|---------------------|--|
| Proposed Track 1 | Rare Species Habitat and Significant Natural Communities |
| Proposed Track 2 | Estimated Habitat of Rare Wildlife |
| Right of Way | DEP Approved Zone II Well Head Protection Area |
| 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 | |



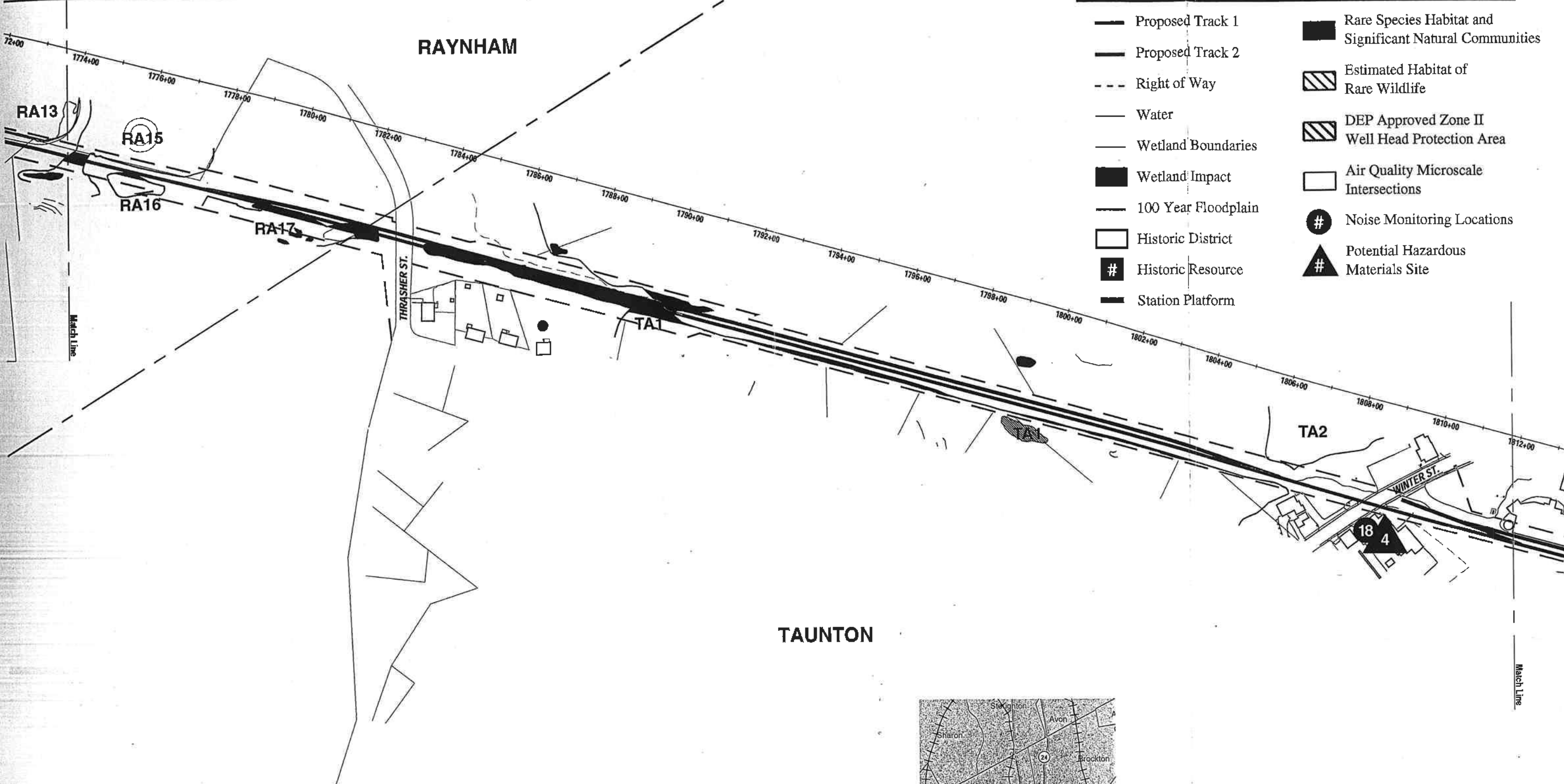
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Massachusetts Bay Transportation Authority

New Bedford / Fall River Commuter Rail

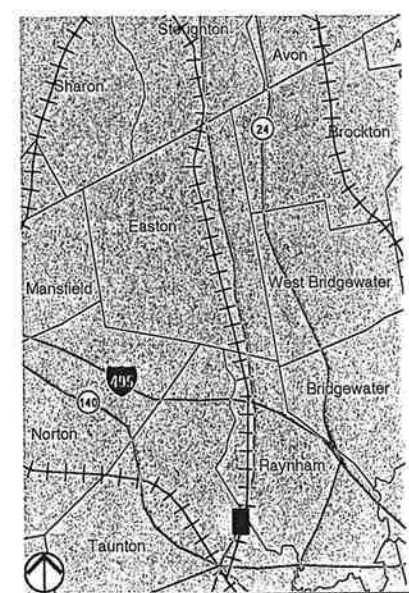
Figure 2.3-2
Stoughton Branch
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- Proposed Track 1
- Proposed Track 2
- - - Right of Way
- Water
- Wetland Boundaries
- Wetland Impact
- 100 Year Floodplain
- Historic District
- Historic Resource
- Station Platform
- Rare Species Habitat and Significant 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

RAYNHAM

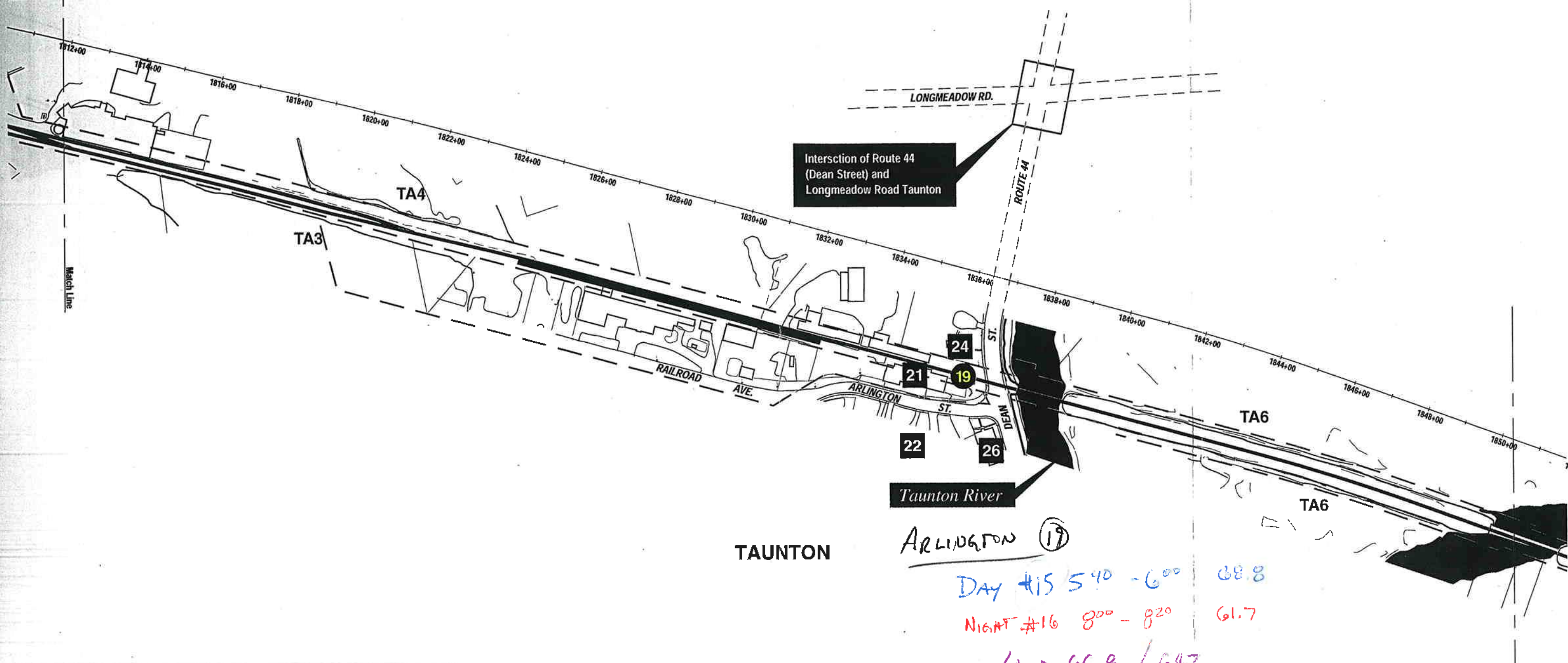
TAUNTON



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Bay
Transportation
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Figure 2.3-2
Stoughton Branch
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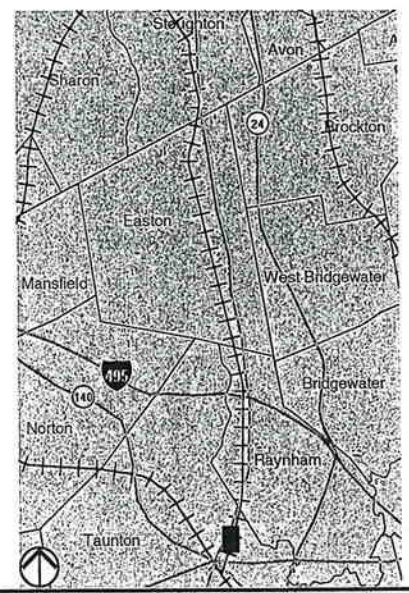


TAUNTON

ARLINGTON 19

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

- Proposed Track 1
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0 125 250 Feet

Massachusetts Bay Transportation Authority

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Figure 2.3-2
Stoughton Branch
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