



WPA Form 1- Request for Determination of Applicability

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

A. General Information

Important:

When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



1. Applicant:

<u>Corey York, Town Engineer / Director of Public Works</u> Name	<u>CYork@town.acton.ma.us</u> E-Mail Address	
<u>472 Main Street</u> Mailing Address		
<u>Acton</u> City/Town	<u>MA</u> State	<u>01720</u> Zip Code
<u>(978) 929-6630</u> Phone Number	<u>(978) 929-6340</u> Fax Number (if applicable)	

2. Representative (if any):

<u>Town of Acton Engineering Department</u> Firm		
<u>Paul Campbell</u> Contact Name	<u>PCampbell@town.acton.ma.us</u> E-Mail Address	
<u>Town of Acton Engineering Department</u> Mailing Address		
<u>Acton</u> City/Town	<u>MA</u> State	<u>01720</u> Zip Code
<u>(978) 929-6630</u> Phone Number	<u>(978) 929-6340</u> Fax Number (if applicable)	

B. Determinations

1. I request the Town of Acton _____ make the following determination(s). Check any that apply:
Conservation Commission

- a. whether the **area** depicted on plan(s) and/or map(s) referenced below is an area subject to jurisdiction of the Wetlands Protection Act.
- b. whether the **boundaries** of resource area(s) depicted on plan(s) and/or map(s) referenced below are accurately delineated.
- c. whether the **work** depicted on plan(s) referenced below is subject to the Wetlands Protection Act.
- d. whether the area and/or work depicted on plan(s) referenced below is subject to the jurisdiction of any **municipal wetlands ordinance** or **bylaw** of:

Town of Acton
Name of Municipality

- e. whether the following **scope of alternatives** is adequate for work in the Riverfront Area as depicted on referenced plan(s).



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C. Project Description

1. a. Project Location (use maps and plans to identify the location of the area subject to this request):

<u>See the Attached Street List</u>	<u>Acton</u>
Street Address	City/Town
<u>n/a</u>	<u>n/a</u>
Assessors Map/Plat Number	Parcel/Lot Number

- b. Area Description (use additional paper, if necessary):

Multiple locations (see the attached list and locus plan)

- c. Plan and/or Map Reference(s):

<u>Town Atlas showing wetland areas</u>	<u>1/1/2006</u>
Title	Date
<u>Town of Acton Street Map (scale 1"=1200') - Locus Plan</u>	<u>1/1/2006</u>
Title	Date
<u> </u>	<u> </u>
Title	Date

2. a. Work Description (use additional paper and/or provide plan(s) of work, if necessary):

The Acton Highway Department has compiled a list of streets that are in need of some routine maintenance. The Highway Department plans to mill some of the streets, then level & resurface the roads with a new wearing course of bituminous concrete. When the existing top course of pavement is milled the reclaimed asphalt will be deposited into a truck and transported off-site. As part of this application, the Town has also included a copy of the Stormwater Management Form (attached herewith).



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C. Project Description (cont.)

b. Identify provisions of the Wetlands Protection Act or regulations which may exempt the applicant from having to file a Notice of Intent for all or part of the described work (use additional paper, if necessary).

The Highway Department is conducting their routine road maintenance on these existing streets and has no plans to alter the existing condition of the roads such as widening the pavement. The road repaving work is part of the normal course of maintaining, repairing and replacing the existing road infrastructure that is used by the public.

3. a. If this application is a Request for Determination of Scope of Alternatives for work in the Riverfront Area, indicate the one classification below that best describes the project.

- Single family house on a lot recorded on or before 8/1/96
- Single family house on a lot recorded after 8/1/96
- Expansion of an existing structure on a lot recorded after 8/1/96
- Project, other than a single family house or public project, where the applicant owned the lot before 8/7/96
- New agriculture or aquaculture project
- Public project where funds were appropriated prior to 8/7/96
- Project on a lot shown on an approved, definitive subdivision plan where there is a recorded deed restriction limiting total alteration of the Riverfront Area for the entire subdivision
- Residential subdivision; institutional, industrial, or commercial project
- Municipal project
- District, county, state, or federal government project
- Project required to evaluate off-site alternatives in more than one municipality in an Environmental Impact Report under MEPA or in an alternatives analysis pursuant to an application for a 404 permit from the U.S. Army Corps of Engineers or 401 Water Quality Certification from the Department of Environmental Protection.

b. Provide evidence (e.g., record of date subdivision lot was recorded) supporting the classification above (use additional paper and/or attach appropriate documents, if necessary.)



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

City/Town _____

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D. Signatures and Submittal Requirements

I hereby certify under the penalties of perjury that the foregoing Request for Determination of Applicability and accompanying plans, documents, and supporting data are true and complete to the best of my knowledge.

I further certify that the property owner, if different from the applicant, and the appropriate DEP Regional Office were sent a complete copy of this Request (including all appropriate documentation) simultaneously with the submittal of this Request to the Conservation Commission.

Failure by the applicant to send copies in a timely manner may result in dismissal of the Request for Determination of Applicability.

Name and address of the property owner:

Steven L. Ledoux, Town Manager

Name

472 Main Street

Mailing Address

Acton

City/Town

MA

State

01720

Zip Code

Signatures:

I also understand that notification of this Request will be placed in a local newspaper at my expense in accordance with Section 10.05(3)(b)(1) of the Wetlands Protection Act regulations.

Signature of Applicant

Date

4/17/12

Signature of Representative (if any)

Date

4/18/12

Stormwater Report

Applicant/Project Name:

Project Name: Road Repaving Project

Project Location(s):

STREET	LENGTH	DESCRIPTION
Central Street	1,700	From Martin St to Main St
School Street	1,800	Chadwick St to House #174
Robbins Street	2,200	Stow St to Turnaround
High Street	3,500	Parker St to Route 62
Knox Trail	2,900	Entire Length
Main Street	3,500	Route 111 to Hayward Rd
Quarry Road	1,400	NARA Upper Driveway to Red Gate

Applicant: Corey York, Town Engineer / Director of Public Works
472 Main Street, Acton, MA 01720
Telephone: (978) 929-6630
Fax: (978) 929-6340

Property Owner: Steve Ledoux, Town Manager
472 Main Street, Acton, MA 01720
Telephone: (978) 929-6611
Fax: (978) 929-6340

Representative: Paul Campbell, Assistant Town Engineer
472 Main Street, Acton, MA 01720
Telephone: (978) 929-6630
Fax: (978) 929-6340

General Project Description:

The Acton Highway Department has compiled a list of streets that are in need of some routine maintenance. The Highway Department plans to mill some of the streets, then level & resurface the roads with a new wearing course of bituminous concrete. When the existing top course of pavement is milled the reclaimed asphalt will be deposited into a truck and transported off-site.

Project Type: Redevelopment (road repaving)

Standard 1: No New Untreated Discharges

The Town is only proposing to repave existing Town roads that are in need of some routine maintenance. There will be no new discharges as a result of this work.

Standard 2: Peak Rate Attenuation

The Town has no plans to alter the existing condition of the roads such as widening the pavement. The road repaving work is part of the normal course of maintaining, repairing and replacing the existing road infrastructure that is used by the public. There are no changes or alterations being proposed to the roads that would increase peak rate of runoff.

Standard 3: Recharge

The Town has no plans to alter the existing condition of the roads that would impact or decrease the annual amount of runoff being recharged/infiltrated to groundwater.

Standard 4: Water Quality

The Town has an existing Pollution Prevention Plan identified in the document entitled “Stormwater Management Plan, Acton, MA” prepared by Woodard & Curran Associates dated September 5, 2003. Included in this document is the Town’s overall plan to manage the Town’s stormwater system and Pollution Prevention practices.

Inspection and Maintenance for the existing Town-owned Bridge Structures:

MHD Bridge Inspection Program – inspection occurs about every 2 years
Acton DPW – routinely inspects road and drainage infrastructures to repair/rehab any deficiencies in the systems.

Typical Pollution Prevention steps performed by the Town:

The Town utilizes deicing agents during the winter months to reduce/eliminate the need for sanding the roads.

The Town sweeps all the Town roads annually to remove any sand and debris that has accumulated on the road pavement.

The Town also has an ongoing program to remove the sediment that is collected in the sumps of the catch basins on Town roads.

The Town continually inspects and maintains the existing drainage systems in Town to ensure it is working properly. When existing Town drainage systems are repaired/improved the DPW will try to retrofit stormwater BMPs such as gas/oil hoods to improve the existing conditions. The Town tries to remove sediment and debris that might have buildup along the road shoulders at low points in the road, pipe outlets, etc...

The Town has implemented a program under the Stormwater Management Plan to detect and eliminate illicit discharges into the stormwater systems and wetland areas. The Town is continually monitoring samples of runoff from the Town's watersheds testing for contaminants. Once an illicit discharge is determined, the Town has a policy to contact the owner(s) and determine the best manner in which to quickly correct the infraction.

Town Staff continually attends various training workshops to learn new techniques, keep up-to-date on current regulations, and improve on existing pollution prevention steps as part of the daily municipal operations.

The Town is always looking into other types of programs to improve pollution prevention such as, but not limited to, hazardous waste collection days, yard waste collection, recycling at the Transfer Station.

Emergency Contacts:

Acton Department of Public Works
Telephone: (978) 929-6630

Corey York, Town Engineer / Director of Public Works

Standard 5: Land Uses With Higher Potential Pollutant Loads (LUHPPLs)

The Town is only proposing to conduct the routine road maintenance on the above-mentioned public ways and has no plans to alter the existing condition of these roads such as widening the pavement. The road repaving work is part of the normal course of maintaining, repairing and replacing the existing road infrastructure that is used by the public. There are no changes that would yield a new land use or a new/higher pollutant load.

Standard 6: Critical Areas

The Town is only proposing to resurface the roads as part of the Town's routine road maintenance and has no plans to alter the existing condition of these roads. There are no new stormwater systems or discharges being proposed by this project.

Standard 7: Redevelopments

The Town is only proposing to conduct the routine road maintenance on the above-mentioned public ways and has no plans to alter the existing condition of these roads such as widening the pavement. The Town continues to maintain, and improve the existing road and drainage infrastructure. The DPW has an ongoing program to inspect, maintain, and repair any drainage facilities that are owned and operated by the Town. To the maximum extent possible, the Town retrofits existing drainage structures during various improvement/repair projects with new stormwater BMPs to improve the overall water quality, and staff continues to attend workshops to learn new techniques that would benefit the Town and the environment.

Standard 8: Construction Period Pollutant Prevention and Erosion and Sedimentation Control

Contacts Responsible for Plan Compliance:

Applicant: Corey York, Town Engineer / Director of Public Works
 472 Main Street, Acton, MA 01720
 Telephone: (978) 929-6630
 Fax: (978) 929-6340

Representative: Paul Campbell, Assistant Town Engineer
 472 Main Street, Acton, MA 01720
 Telephone: (978) 929-6630
 Fax: (978) 929-6340

Sedimentation Control

We conducted a site visit with the Highway Superintendent and the Natural Resource Director to visit these above-mentioned locations to inspect the sections of roads that are located adjacent to wetland areas. As a result of this site visit, the Town is proposing to install the following control measures to prevent sediment from discharging into the wetlands during the road repaving work:

STREET	LENGTH	DESCRIPTION

If additional erosion and sedimentation control measures are deemed necessary by the Natural Resource Director during the milling and paving process, the DPW will work with the Director to address those concerns.

Standard 9: Operation and Maintenance Plan

Contact: Corey York, Town Engineer / Director of Public Works
472 Main Street, Acton, MA 01720
Telephone: (978) 929-6630
Fax: (978) 929-6340

The Town has implemented a Stormwater Management Plan that was prepared by Woodard & Curran Associates dated September 5, 2003 that describes the Town's commitment to inspect, maintain and improve the overall existing drainage infrastructure. The Town's progress is monitored by the Acton Health Department under our existing Stormwater Management Plan and annual reports are submitted to the DEP to ensure compliance.

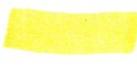
Standard 10: Prohibition of Illicit Discharges

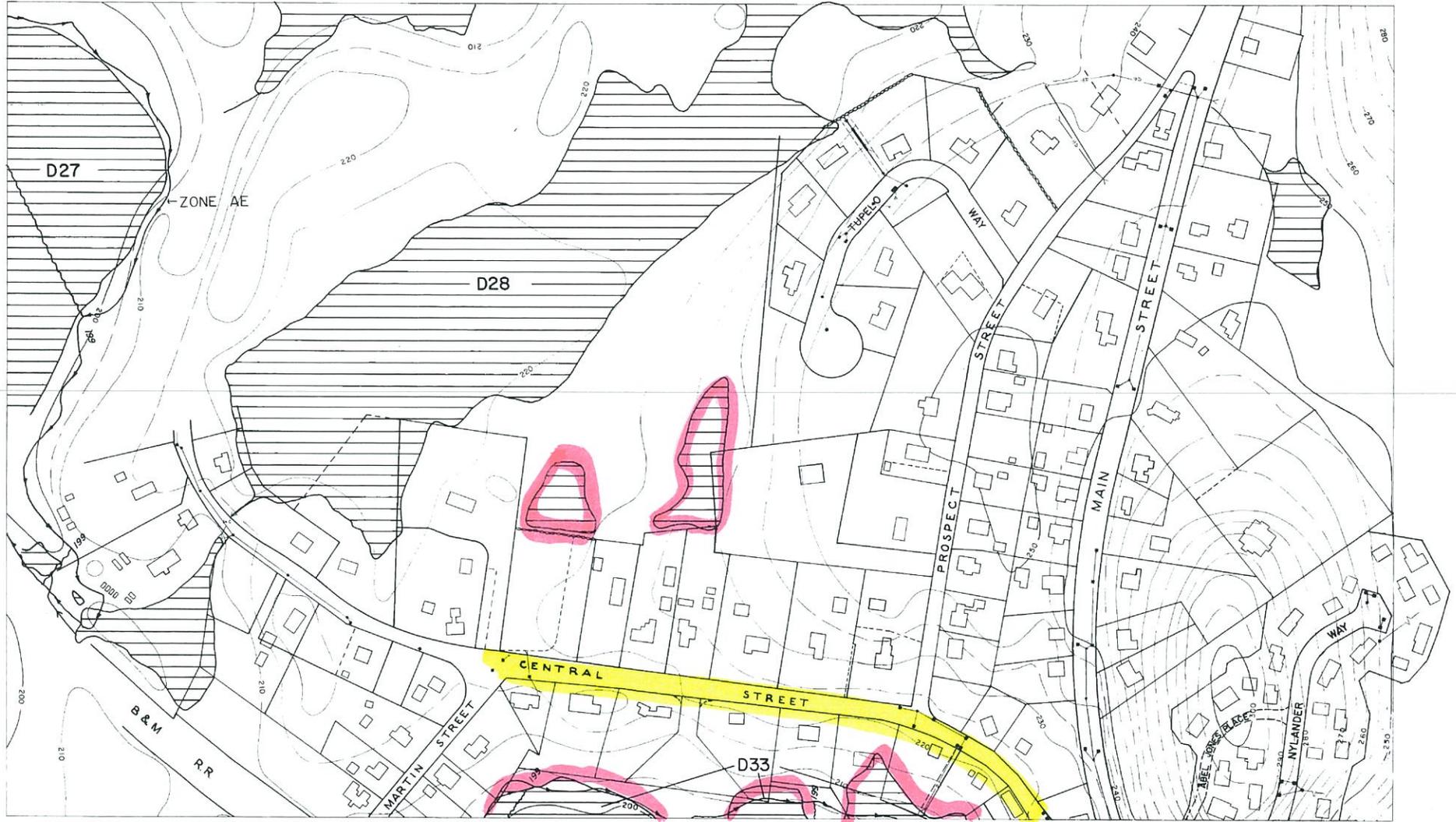
The Town has implemented a program under the Stormwater Management Plan dated September 5, 2003 to detect and eliminate illicit discharges into the stormwater systems and wetland areas. The Town is continually monitoring samples of runoff from the Town's watersheds testing for contaminants. Once an illicit discharge is determined, the Town has a policy to contact the owner(s) and determine the best manner in which to quickly correct the infraction. Based on our inspection of the bridge structures, the consultant did not identify illicit discharges at these locations.

STREET	LENGTH	DESCRIPTION	WETLAND FILLING REQUIRED
Central Street	1,700	From Martin St to Main St	YES
School Street	1,800	Chadwick St to House #174	YES
Robbins Street	2,200	Stow St to Turnaround	YES
High Street	3,500	Parker St to Route 62	NO
Knox Trail	2,900	Entire Length	YES
Main Street	3,500	Route 111 to Hayward Rd	YES
Quarry Road	1,400	NARA Upper Driveway to Red Gate	NO

Central St (Martin to Main)

 - Wetland area

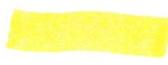
 - Repaved road

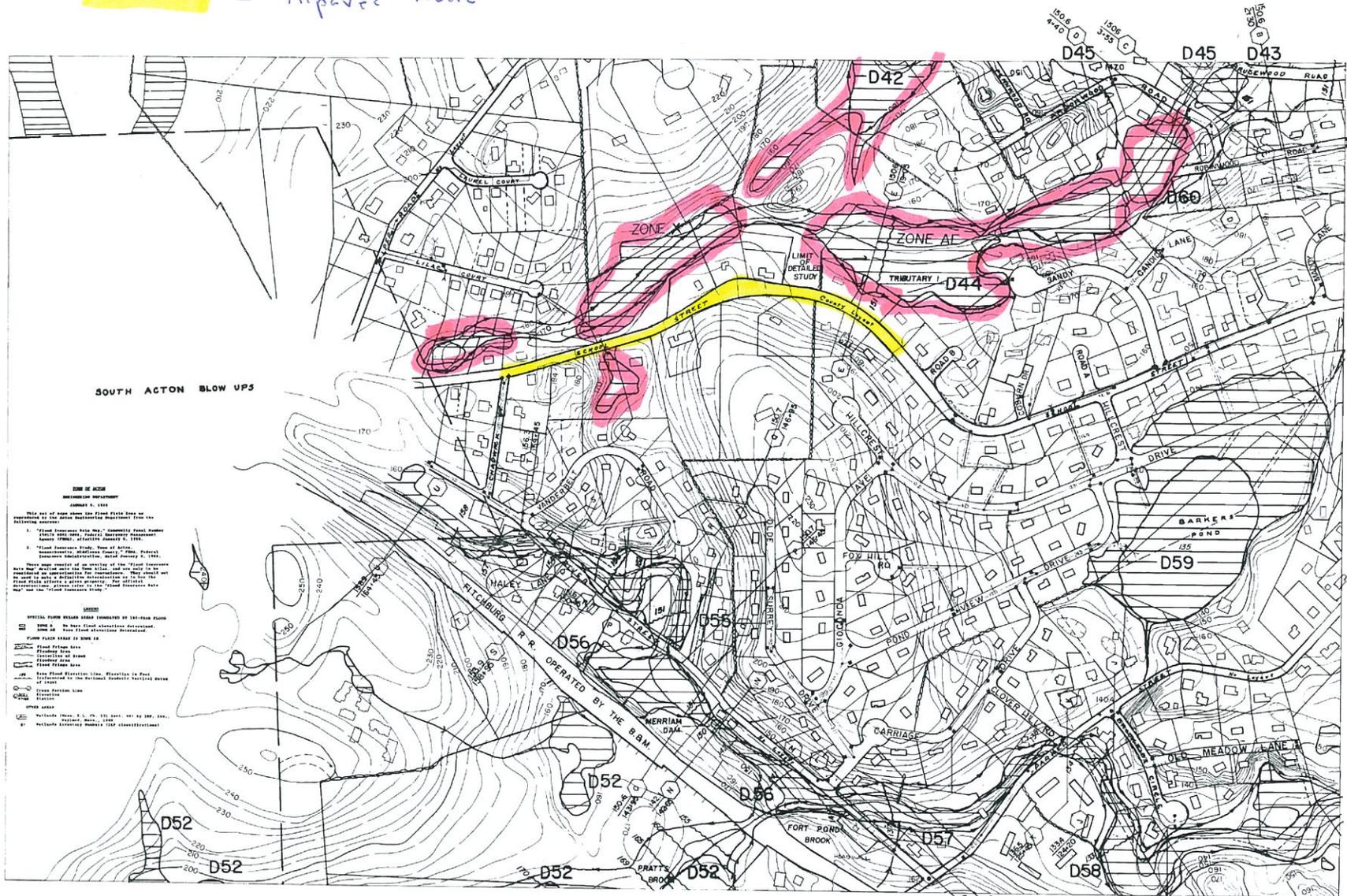


LEGEND
 SPECIAL PLUMB SYMBOLS: UNIFORM TO THE STATE PLUMBING CODE
 1. 1/4" = 1" AS SHOWN
 2. 1/8" = 1" AS SHOWN
 3. 1/16" = 1" AS SHOWN
 4. 1/32" = 1" AS SHOWN
 5. 1/64" = 1" AS SHOWN
 6. 1/128" = 1" AS SHOWN
 7. 1/256" = 1" AS SHOWN
 8. 1/512" = 1" AS SHOWN
 9. 1/1024" = 1" AS SHOWN
 10. 1/2048" = 1" AS SHOWN
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School St (Chadwick St to #174)

 - Wetland area

 - Repaved Road



SOUTH ACTON BLOW UPS

TOWN OF ACTON
SEWERAGE STUDY
 1950

This set of maps shows the flood plain for the area shown on the attached map. The flood plain is defined by the following criteria:

1. Flood Insurance Rate Map, Community Flood Number 4401, dated 1950, Federal Insurance Administration, United States Department of Commerce.
2. Flood Insurance Rate Map, Flood Insurance Number 4401, dated 1950, Federal Insurance Administration, United States Department of Commerce.
3. Flood Insurance Rate Map, Flood Insurance Number 4401, dated 1950, Federal Insurance Administration, United States Department of Commerce.

These maps are a compilation of the existing flood plain maps and are not intended to be used as a basis for insurance. They should not be used as a basis for insurance. They should not be used as a basis for insurance.

LEGEND

FLOOD ZONES

SPRINKLER FLOOD ZONES INDICATED BY 100-FOOT PLANS

D42 - 100 Year Flood Zone

D44 - 100 Year Flood Zone

D45 - 100 Year Flood Zone

D52 - 100 Year Flood Zone

D56 - 100 Year Flood Zone

D57 - 100 Year Flood Zone

D58 - 100 Year Flood Zone

D59 - 100 Year Flood Zone

D60 - 100 Year Flood Zone

WETLAND AREAS

WETLAND AREAS INDICATED BY PINK SHADING

REPAVED ROADS INDICATED BY YELLOW SHADING

CONTOUR INTERVAL 10 FEET

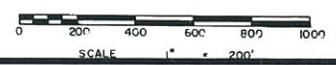
CONTOUR INTERVAL 2 FEET

CONTOUR INTERVAL 10 FEET

CONTOUR INTERVAL 2 FEET

CONTOUR INTERVAL 10 FEET

CONTOUR INTERVAL 2 FEET



G-2	G-3	G-4
H-2	H-3	H-4

Source:

1. Aerial Photo Mosaic, 1963
2. USGS, 1950
3. Town Engineer Atlas, Map H-3
4. Subdivision Plans

Contour Interval 10ft. with Supplementary contours at 5ft. Intervals in USGS areas. Contour Interval 2ft. in Subdivision Plan Areas.

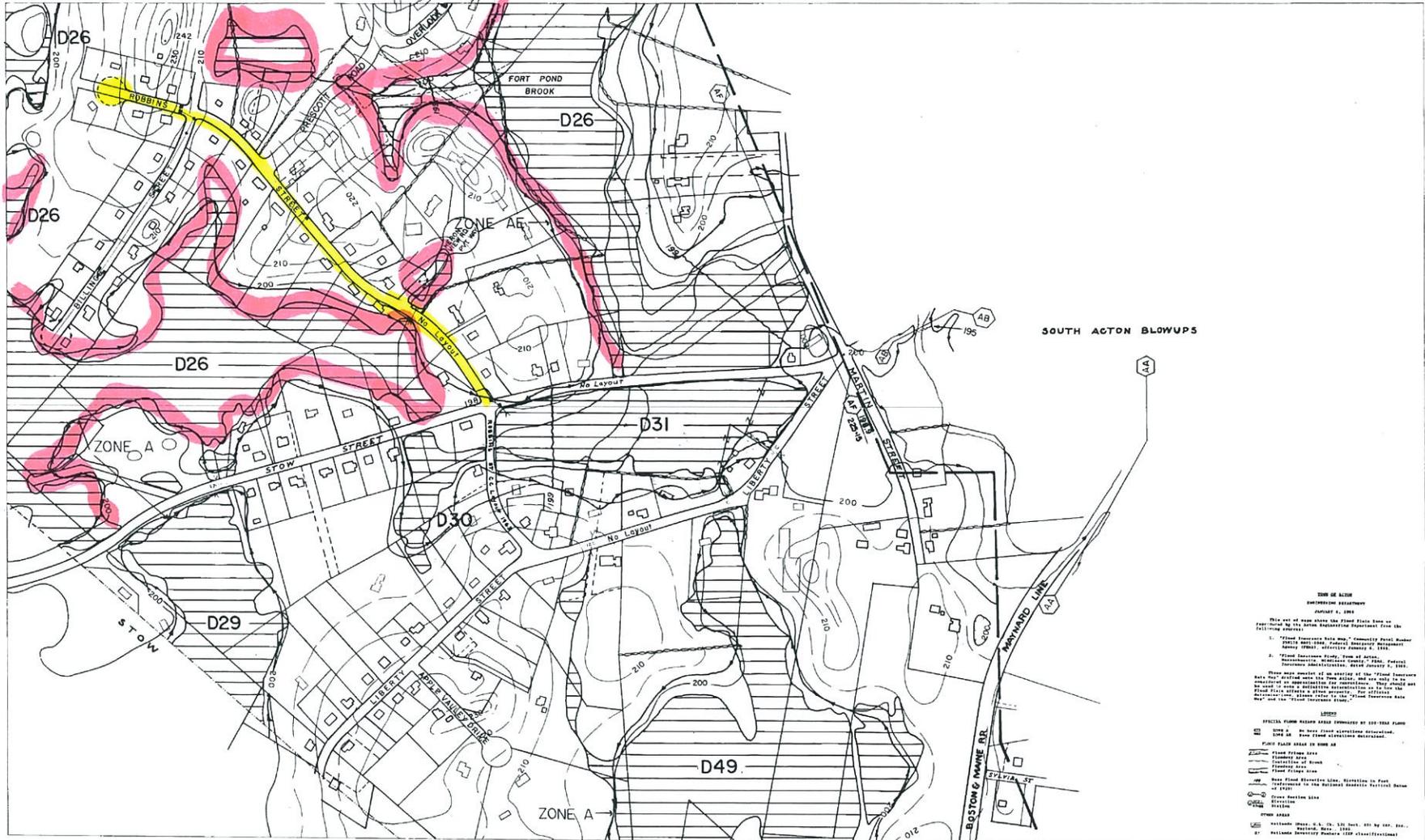
TOWN OF ACTON
MASSACHUSETTS
SEWERAGE STUDY COMMITTEE
 Topographical and Building Data

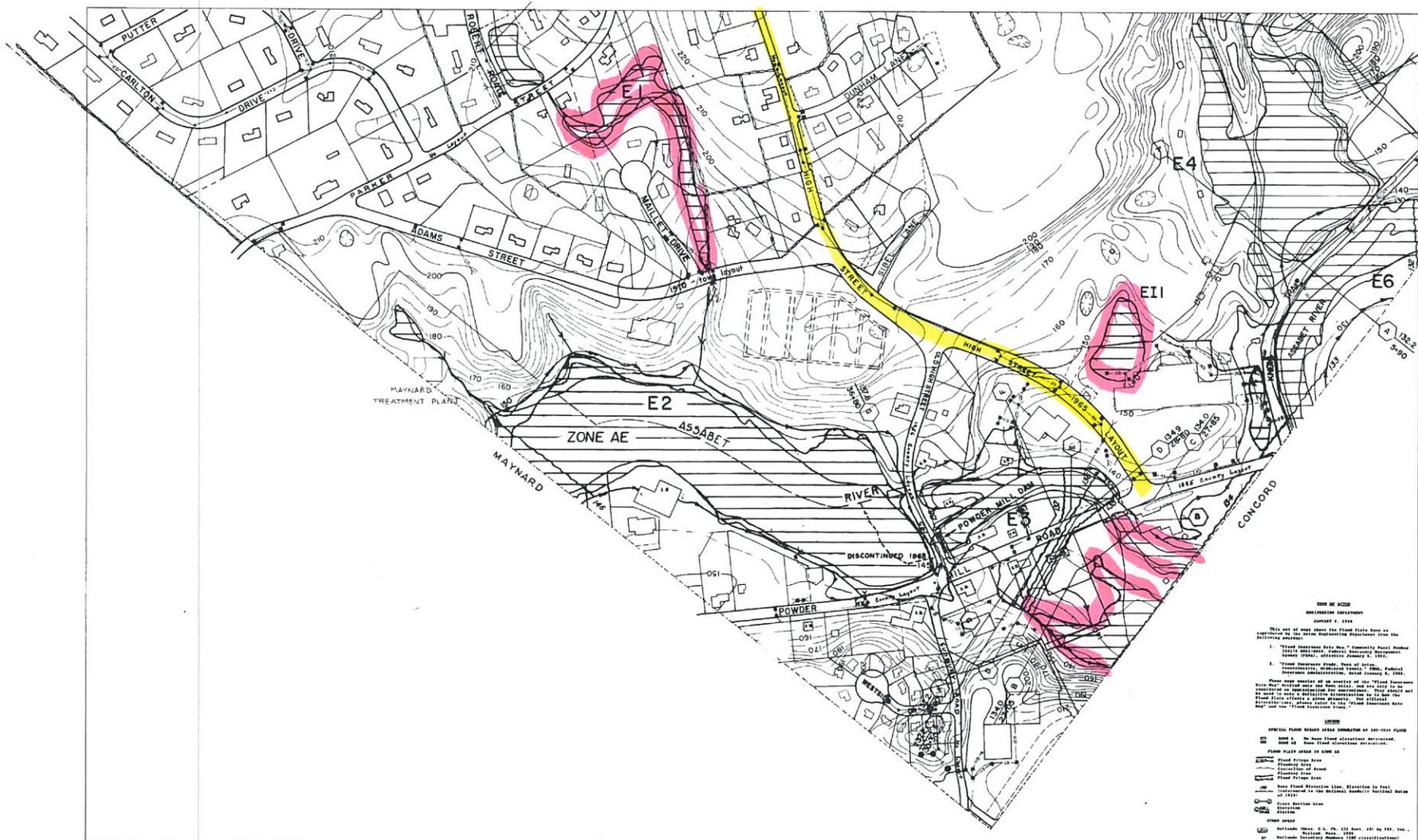
H-3

Robbins St (Stow St to Circle)

 - Wetland Area

 - Repaved Road





TOWN OF ACTON
MASSACHUSETTS
SEWERAGE STUDY COMMITTEE

THIS IS HOW
INTERPRET THIS MAP
 JANUARY 2, 1965

This set of maps shows the Flood Hazard Areas as determined by the above Engineering Department from the following sources:

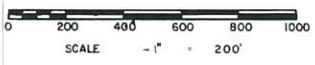
- "Flood Hazard Areas, No. 1, Community Development Department, Town of Acton, Massachusetts, August 2, 1964."
- "Flood Hazard Areas, No. 2, Town of Acton, Massachusetts, August 2, 1964."

These maps consist of an analysis of the "Flood Hazard Areas" and show the Flood Hazard Areas as determined by the above Engineering Department from the following sources:

1. "Flood Hazard Areas, No. 1, Community Development Department, Town of Acton, Massachusetts, August 2, 1964."

2. "Flood Hazard Areas, No. 2, Town of Acton, Massachusetts, August 2, 1964."

3. "Flood Hazard Areas, No. 3, Town of Acton, Massachusetts, August 2, 1964."



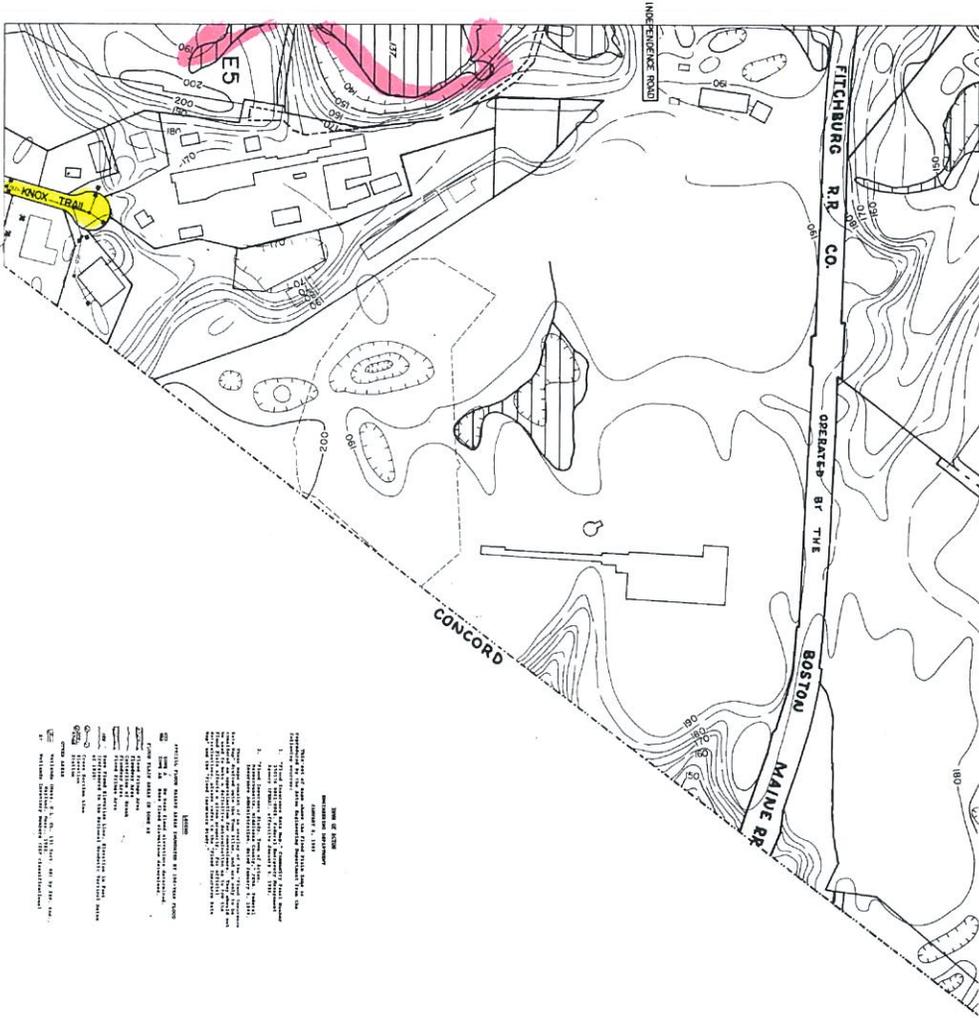
1-2	1-3	1-4
	J-3	J-4

Source:
 1. Aerial Photo Mosaic, 1963
 2. USGS, 1930
 3. Town Engineer Atlas Map J-3

Contour Interval 10ft. with
 Supplementary Contours at
 5ft. Intervals.

TOWN OF ACTON
MASSACHUSETTS
SEWERAGE STUDY COMMITTEE

Topographical and Building Data
 prepared by
 E. Cradale and S. Bemis
 Chelmsford, Mass. 1965



STATE OF MASSACHUSETTS
DEPARTMENT OF CONSERVATION
LANDS DIVISION
CONCORD, MASSACHUSETTS
MAP NO. 1000
SCALE: 1" = 100'

GENERAL NOTES:

1. THIS MAP IS A REPRODUCTION OF THE ORIGINAL MAP AS SUBMITTED TO THE DEPARTMENT OF CONSERVATION, LANDS DIVISION, ON FEBRUARY 1, 1963.
2. THE ORIGINAL MAP WAS PREPARED BY THE MASSACHUSETTS BUREAU OF CONSERVATION, LANDS DIVISION, IN 1962.
3. THE ORIGINAL MAP WAS PREPARED FROM AERIAL PHOTOGRAPHS TAKEN IN 1961.
4. THE ORIGINAL MAP WAS PREPARED FROM AERIAL PHOTOGRAPHS TAKEN IN 1961.
5. THE ORIGINAL MAP WAS PREPARED FROM AERIAL PHOTOGRAPHS TAKEN IN 1961.

LEGEND:

- CONTOUR LINES: 5' INTERVALS
- ROADS: 1" = 100'
- BUILDINGS: 1" = 100'
- WATER: 1" = 100'
- UNDEVELOPED LAND: 1" = 100'
- DEVELOPED LAND: 1" = 100'
- WOODLAND: 1" = 100'
- AGRICULTURAL LAND: 1" = 100'
- WATER: 1" = 100'
- UNDEVELOPED LAND: 1" = 100'
- DEVELOPED LAND: 1" = 100'
- WOODLAND: 1" = 100'
- AGRICULTURAL LAND: 1" = 100'

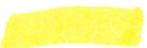
H-3 H-4 H-5

Source:
 1. Aerial Photo Maps, 1963
 Contour Interval 5', with
 Supplemental Contours at
 10' Intervals

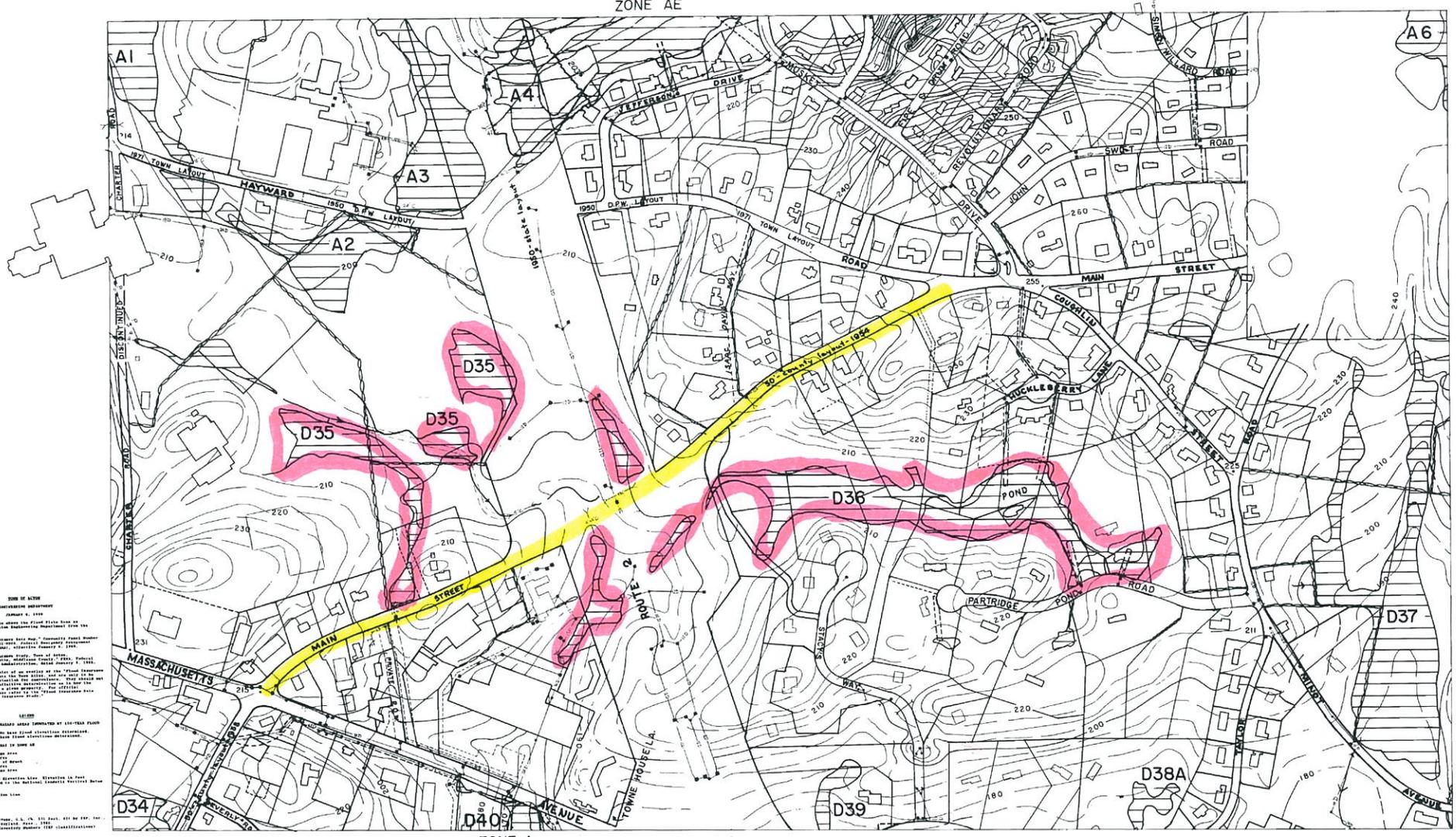
TOWN OF ACTON
 MASSACHUSETTS

Main St (Rte 111 to Hayward Road)

 - Wetland

 - Repaved Road

ZONE AE



DATE OF ACTION
 AUGUST 19, 1958
 DIVISION OF WATER RESOURCES
 MASSACHUSETTS DEPARTMENT OF PUBLIC SAFETY

This map was prepared by the Flood Plain Commission on the basis of the data furnished by the Massachusetts Department of Public Safety.

1. "Flood Hazard Study" - Massachusetts Department of Public Safety, Division of Water Resources, August 19, 1958.

2. "Flood Hazard Study" - Massachusetts Department of Public Safety, Division of Water Resources, August 19, 1958.

3. "Flood Hazard Study" - Massachusetts Department of Public Safety, Division of Water Resources, August 19, 1958.

4. "Flood Hazard Study" - Massachusetts Department of Public Safety, Division of Water Resources, August 19, 1958.

5. "Flood Hazard Study" - Massachusetts Department of Public Safety, Division of Water Resources, August 19, 1958.

6. "Flood Hazard Study" - Massachusetts Department of Public Safety, Division of Water Resources, August 19, 1958.

7. "Flood Hazard Study" - Massachusetts Department of Public Safety, Division of Water Resources, August 19, 1958.

8. "Flood Hazard Study" - Massachusetts Department of Public Safety, Division of Water Resources, August 19, 1958.

9. "Flood Hazard Study" - Massachusetts Department of Public Safety, Division of Water Resources, August 19, 1958.

10. "Flood Hazard Study" - Massachusetts Department of Public Safety, Division of Water Resources, August 19, 1958.

11. "Flood Hazard Study" - Massachusetts Department of Public Safety, Division of Water Resources, August 19, 1958.

12. "Flood Hazard Study" - Massachusetts Department of Public Safety, Division of Water Resources, August 19, 1958.

13. "Flood Hazard Study" - Massachusetts Department of Public Safety, Division of Water Resources, August 19, 1958.

14. "Flood Hazard Study" - Massachusetts Department of Public Safety, Division of Water Resources, August 19, 1958.

15. "Flood Hazard Study" - Massachusetts Department of Public Safety, Division of Water Resources, August 19, 1958.

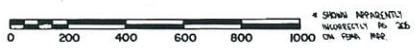
16. "Flood Hazard Study" - Massachusetts Department of Public Safety, Division of Water Resources, August 19, 1958.

17. "Flood Hazard Study" - Massachusetts Department of Public Safety, Division of Water Resources, August 19, 1958.

18. "Flood Hazard Study" - Massachusetts Department of Public Safety, Division of Water Resources, August 19, 1958.

19. "Flood Hazard Study" - Massachusetts Department of Public Safety, Division of Water Resources, August 19, 1958.

20. "Flood Hazard Study" - Massachusetts Department of Public Safety, Division of Water Resources, August 19, 1958.



E-2	E-3	E-4
F-2	F-3	F-4

Source:
 1. Aerial Photo Mosaic, 1953
 2. USGS, 1950
 3. Town Engineer Atlas
 Map F-1

Contour Interval 10ft. with
 Supplementary Contours at
 5ft. Intervals in USGS Areas.
 Contour Interval 2ft. in

**TOWN OF ACTON
 MASSACHUSETTS
 SEWERAGE STUDY COMMITTEE**

