Atkinson Fire Protection District Environmental Assessment
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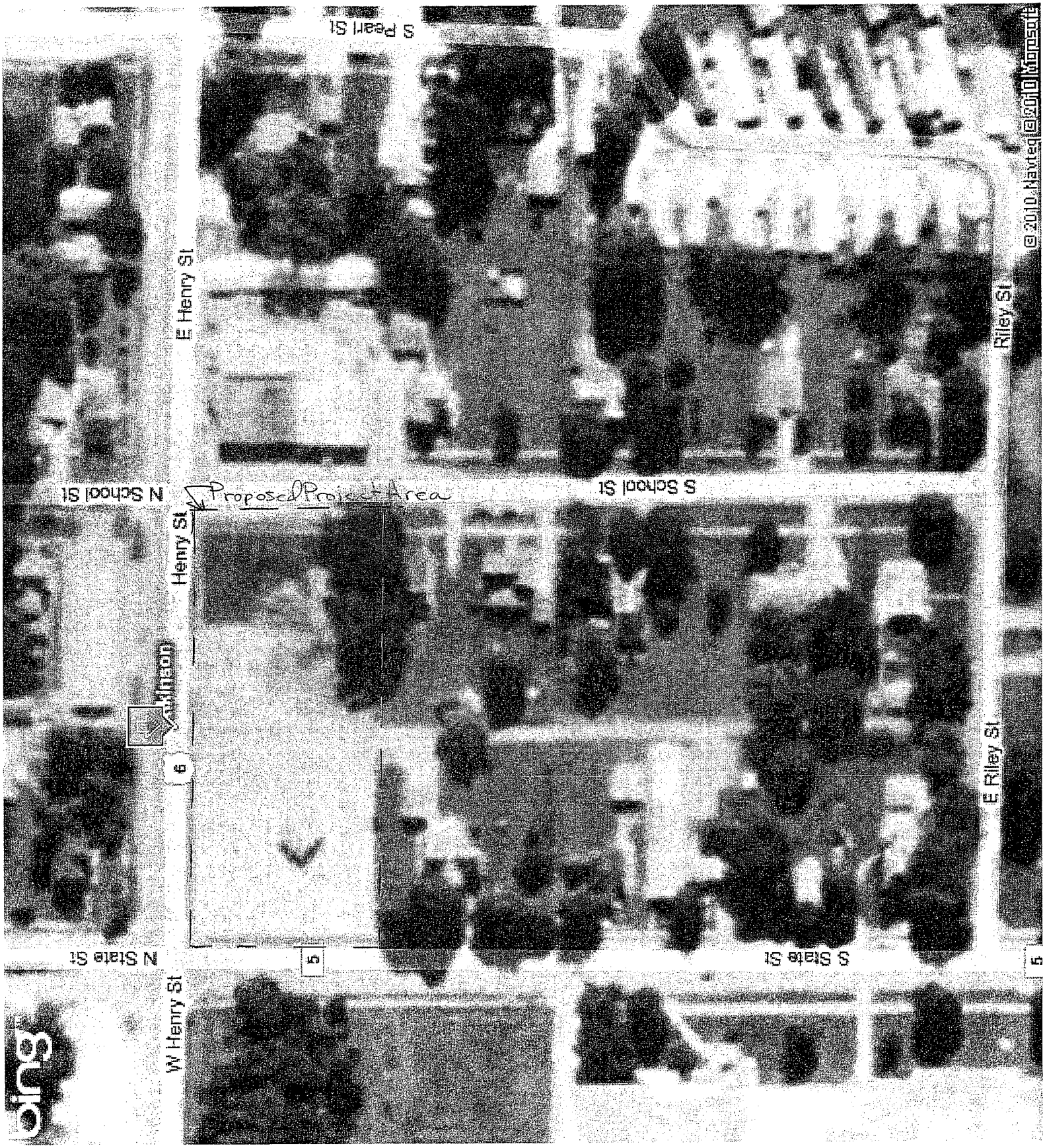
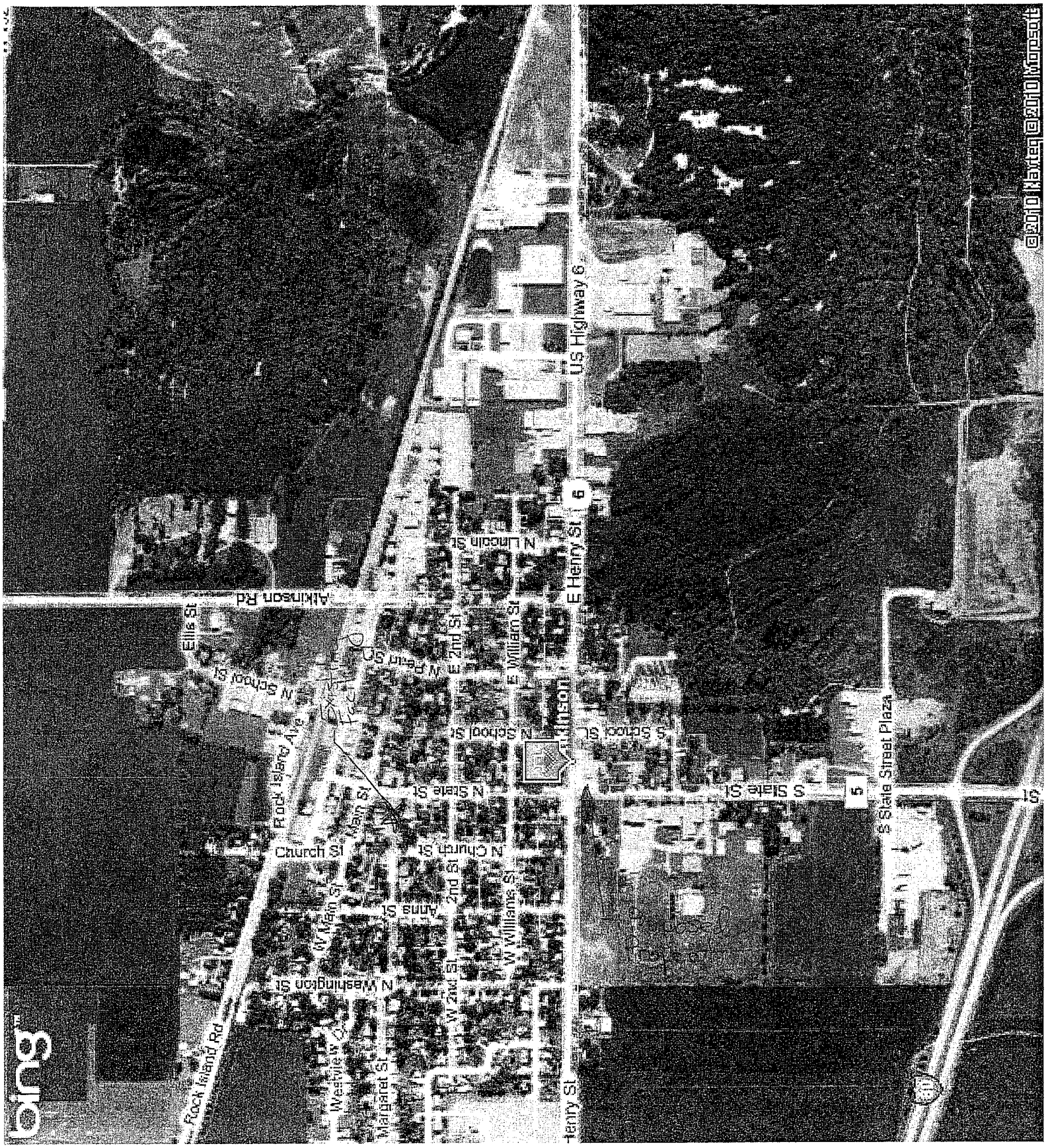


Proposed Project Location Map

Figure I



Existing Facility Location Map

Figure 2

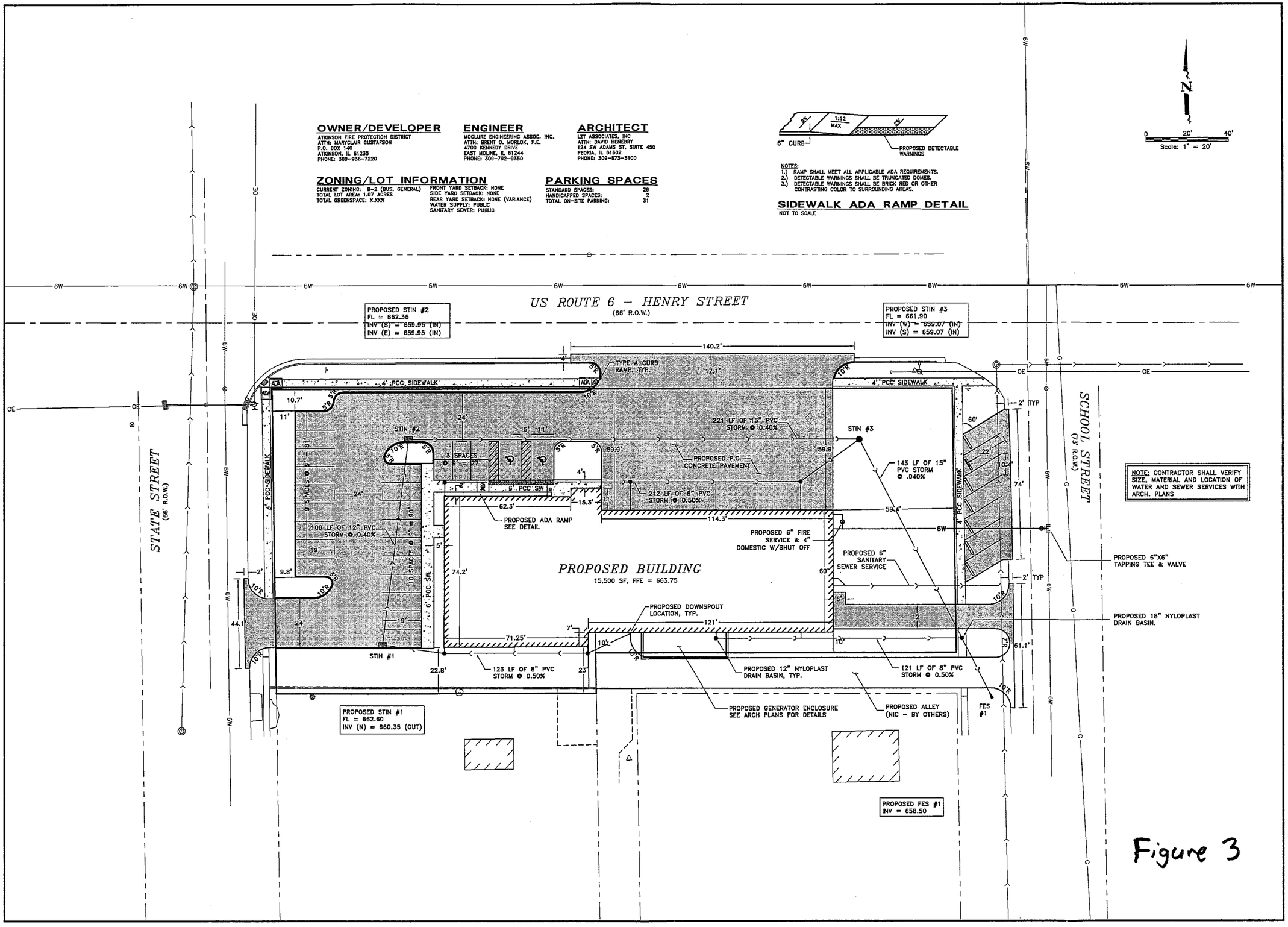


Figure 3

LZT Associates, Inc.
Larson & Darby Group
Architects Engineers Planners

McClure Engineering Associates, Inc.

A NEW FIRE STATION FOR ATKINSON FIRE PROTECTION DISTRICT
101 WEST MAIN STREET
ATKINSON, IL 61235

PROGRESS PRINT NOT FOR CONSTRUCTION

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PROPOSED SITE LAYOUT & UTILITY PLAN

NO.	ISSUED FOR	DATE

DRAWN: BOM APPROVED:

DATE: 04-22-2010
PROJECT NUMBER 20011
SHEET NUMBER C-002

Earthquakes In Illinois

1795 - 2008

Illinois State Geological Survey

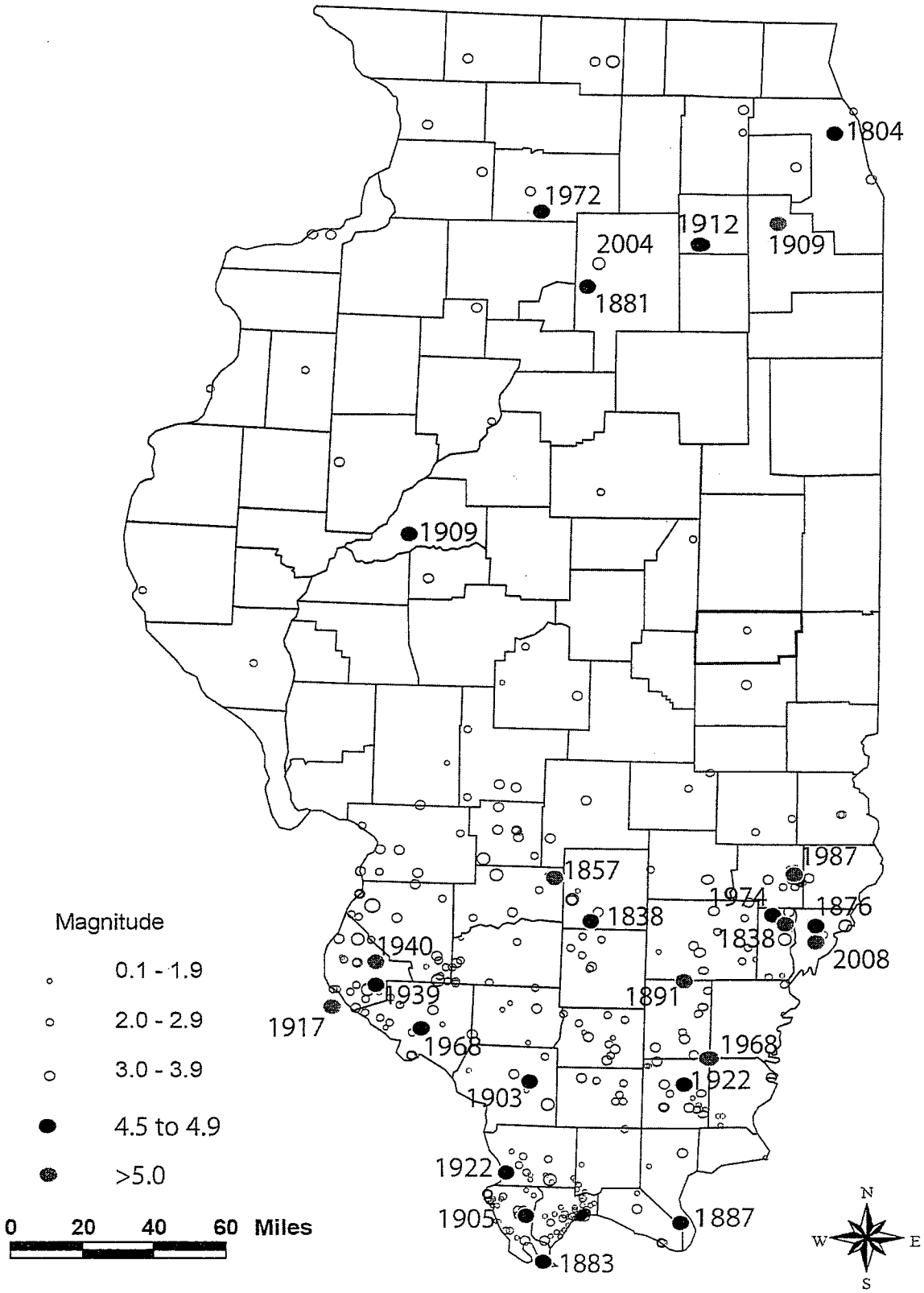
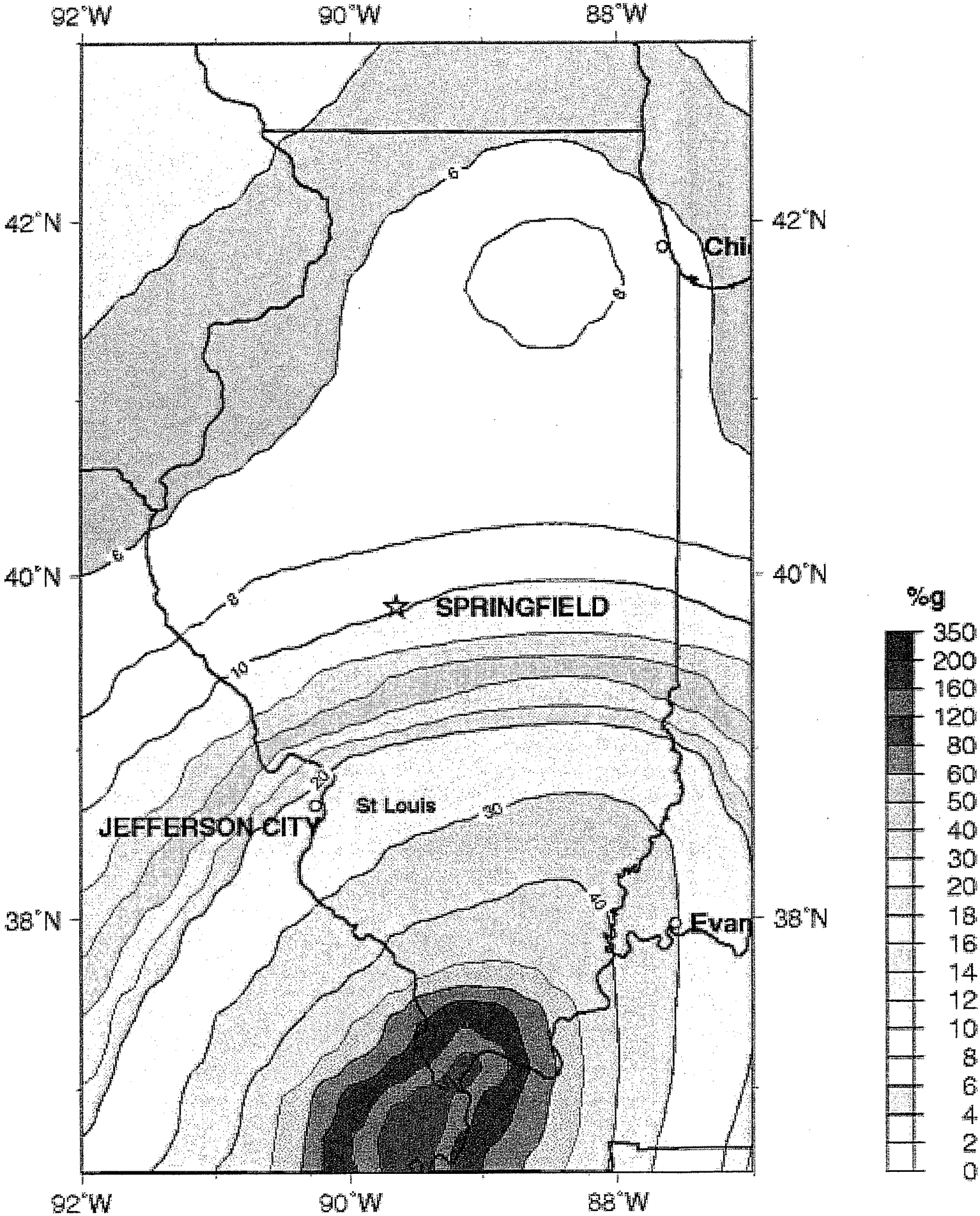


Figure 4a

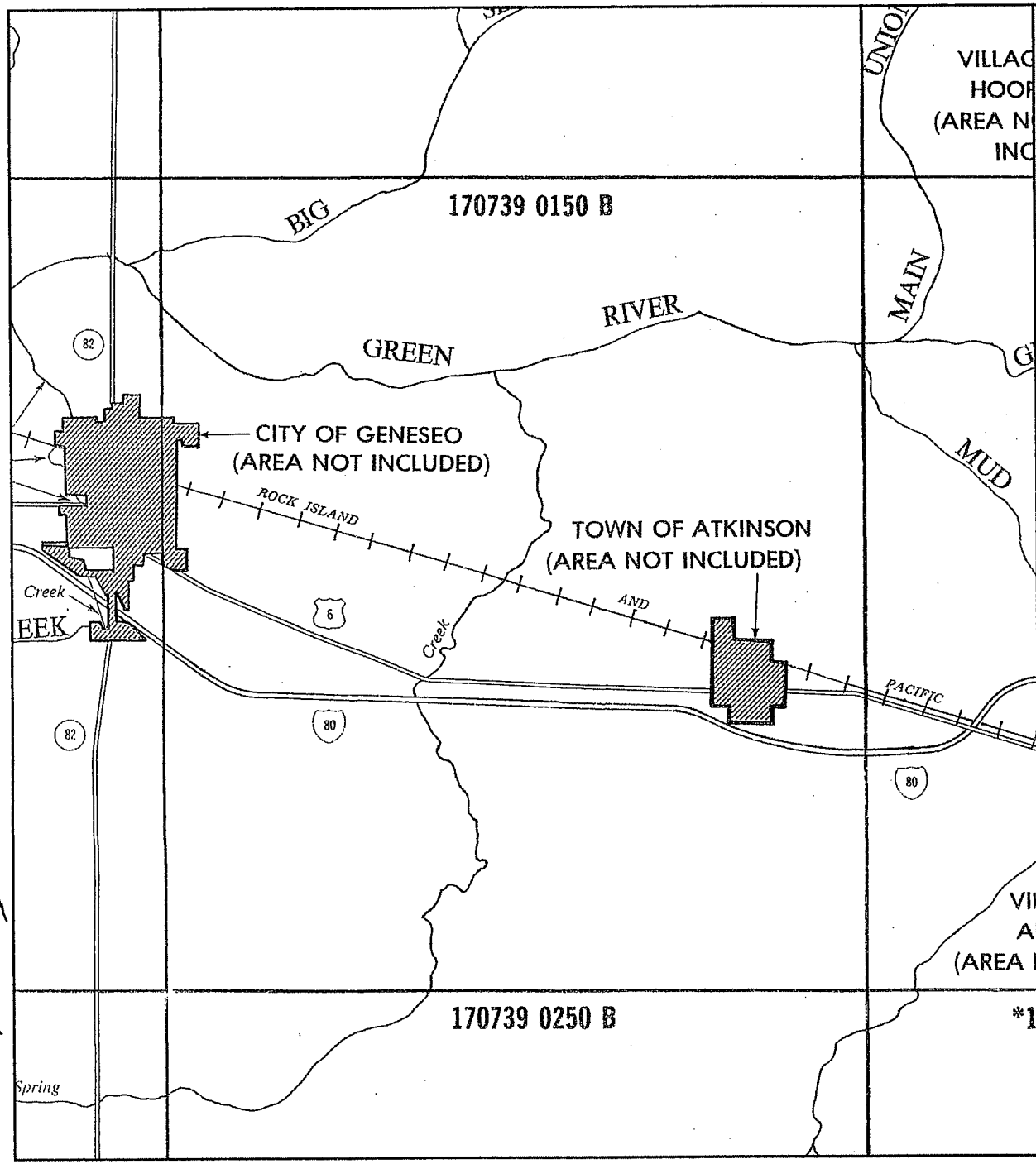


Peak Acceleration (%g) with 2% Probability of Exceedance in 50 Years
site: NEHRP B-C boundary
National Seismic Hazard Mapping Project (2008)

Figure 4b

3-D TopoQuads Copyright © 1999 DeLorme Yarmouth, ME 04096 Source Data: USGS 250 ft Scale: 1 : 7,200 Detail: 14-7 Datum: WGS84

Figure 5



NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP

HENRY COUNTY, ILLINOIS
(UNINCORPORATED AREAS)

MAP INDEX

PANEL PRINTED: 25, 50, 75, 100, 125, 150, 175, 200, 225, 250, 300, 325, 350

COMMUNITY-PANEL NUMBERS
170739 0001 – 0375

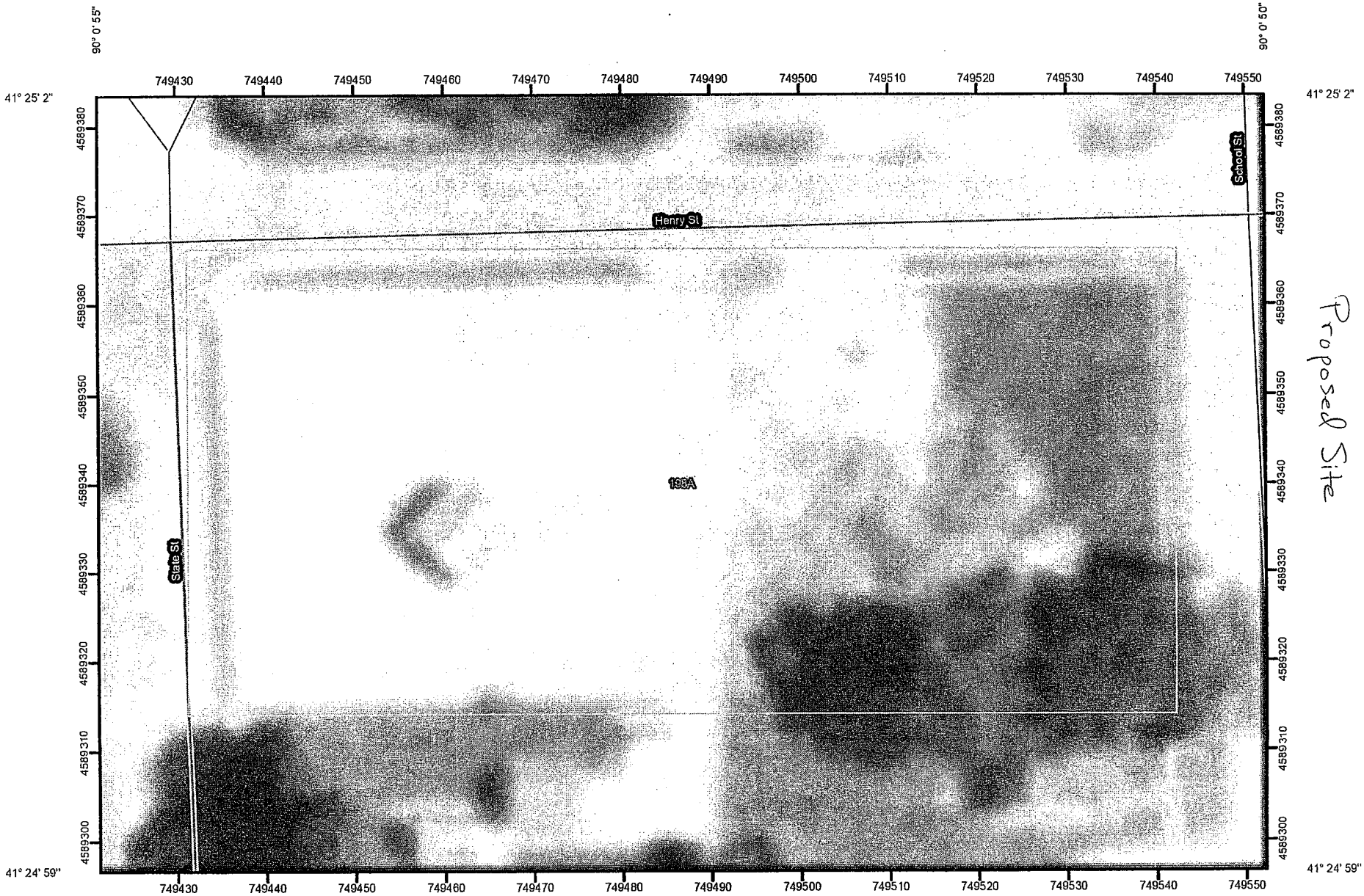
EFFECTIVE DATE:
JANUARY 17, 1985

Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov

Figure 6

Soil Map—Henry County, Illinois
(Atkinson Fire Station)



Proposed Site

Figure 7a

Map Scale: 1:622 if printed on A size (8.5" x 11") sheet.

N

Meters: 0 5 10 20 30

Feet: 0 30 60 120 180

MAP LEGEND

Area of Interest (AOI)

- Area of Interest (AOI)

Soils

- Soil Map Units

Special Point Features

- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other

Special Line Features

- Gully
- Short Steep Slope
- Other

Political Features

- Cities

Water Features

- Oceans
- Streams and Canals

Transportation

- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

MAP INFORMATION

Map Scale: 1:622 if printed on A size (8.5" × 11") sheet.

The soil surveys that comprise your AOI were mapped at 1:12,000.

Please rely on the bar scale on each map sheet for accurate map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL: http://websoilsurvey.nrcs.usda.gov
Coordinate System: UTM Zone 15N NAD83

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Henry County, Illinois
Survey Area Data: Version 7, Jan 8, 2010

Date(s) aerial images were photographed: 7/11/2007

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Figure 7b

Map Unit Legend

Henry County, Illinois (IL073)			
Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
198A	Elburn silt loam, 0 to 2 percent slopes	1.4	100.0%
Totals for Area of Interest		**1.4**	**100.0%**

Figure 7c

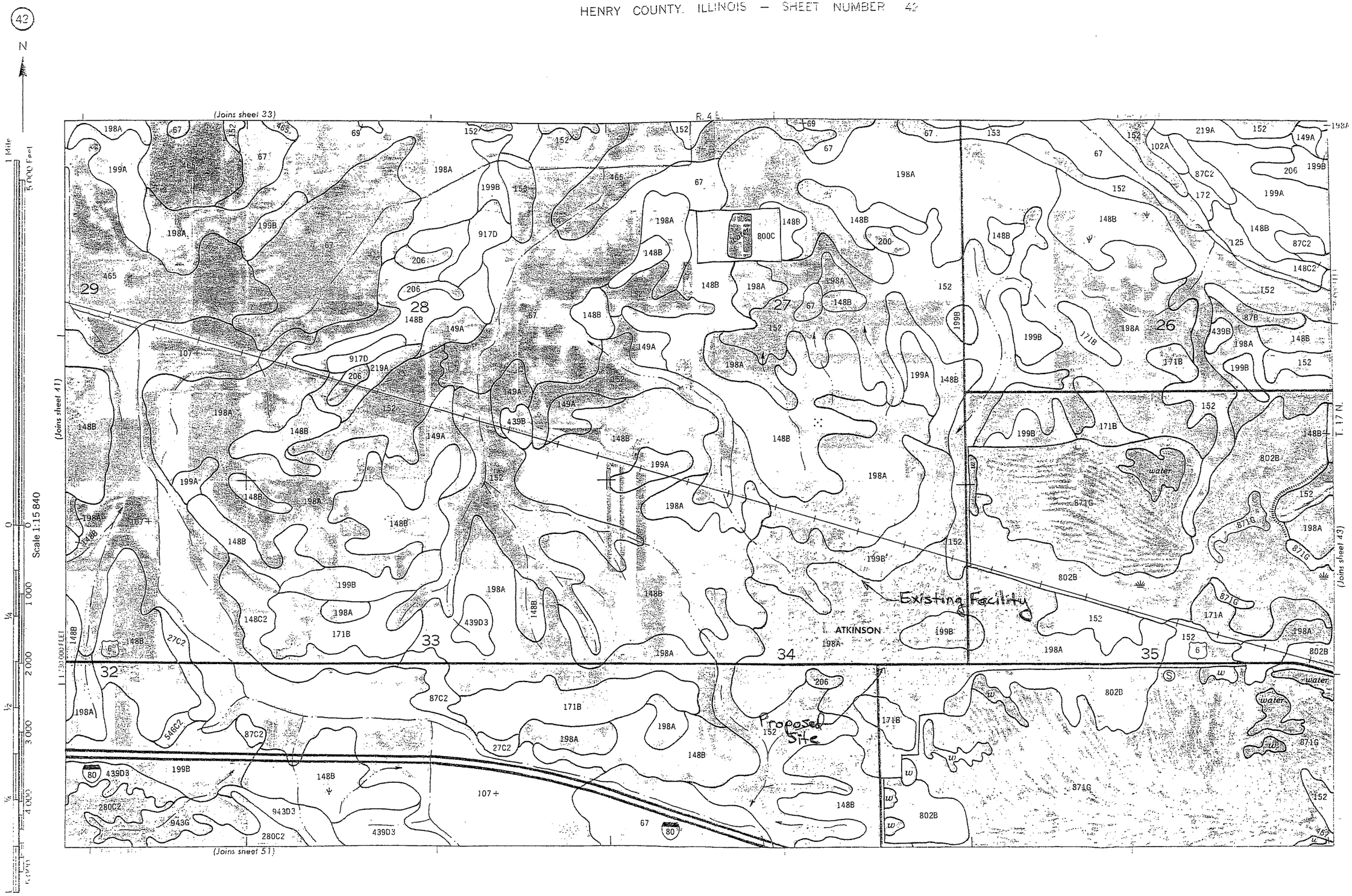
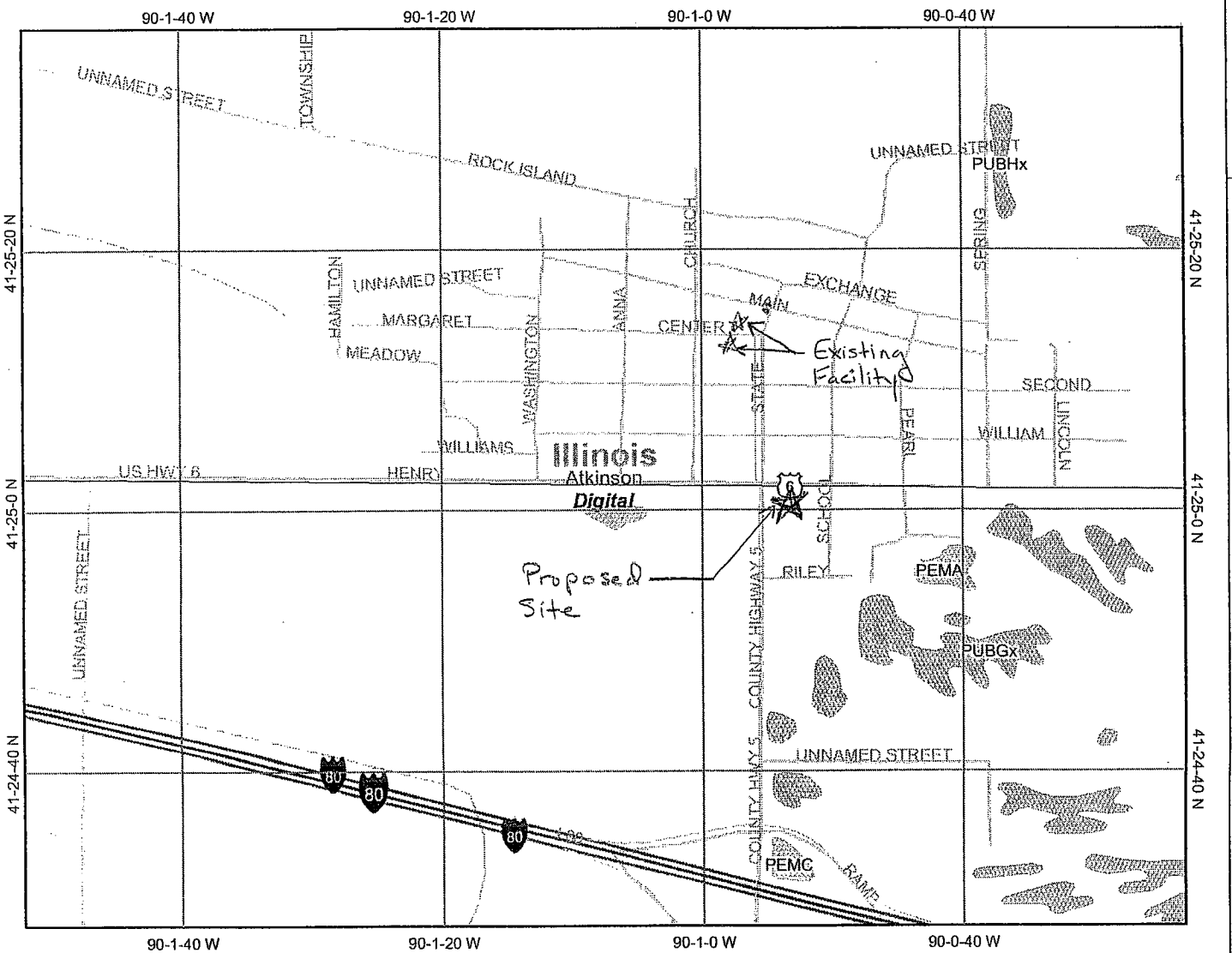
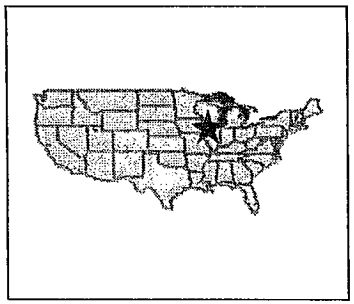

42
N
1 Mile
5 000 Feet
Scale 1:15 840
(Joins sheet 33)
(Joins sheet 41)
(Joins sheet 43)
(Joins sheet 51)
R. 4 E.
T. 17 N.
ATKINSON
Existing Facility
Proposed Site
29
28
27
26
32
33
34
35
water

Figure 7d

Atkinson Fire Station





Legend

Ohio_wet_scan
- 0
- 1
- Out of range

Interstate
Major Roads
- Other Road
- Interstate
- State highway
- US highway

Roads
Cities
USGS Quad Index 24K

Lower 48 Wetland Polygons
- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

Lower 48 Available Wetland Data
- Non-Digital
- Digital
- No Data
- Scan

NHD Streams
Counties 100K
States 100K
South America
North America

Scale: 1:14,812

Map center: 41° 25' 3" N, 90° 1' 7" W

This map is a user generated static output from an Internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.

Figure 8