

# TOWN OF NORWOOD

FLOODING IN THE  
MEADOW BROOK  
WATERSHED AREA  
CROSS STREET

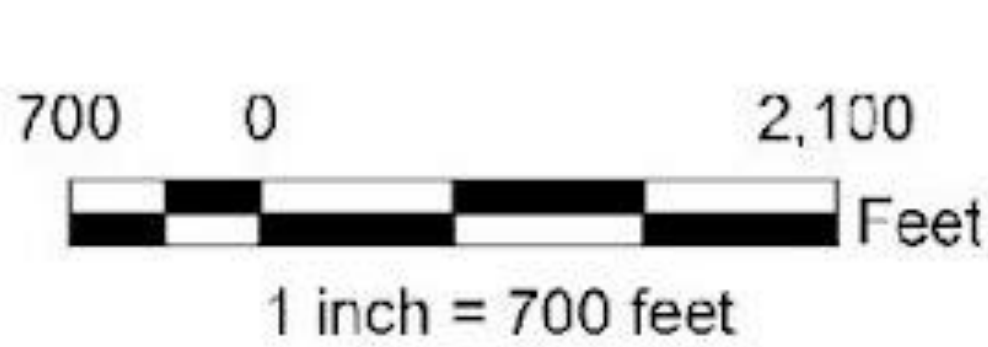


POLICE/FIRE  
STATION



**Legend**

- STUDY AREA (~1,170 ACRES)
- TOWN OF NORWOOD (~6,750 AC)





# Meadow Brook Drainage Study



## Legend

- EXISTING MODEL MANHOLES
- EXISTING MODEL PIPES
- 🌧️ RAIN GAUGE LOCATION
- \* FLOW METER LOCATION
- ▭ STUDY AREA

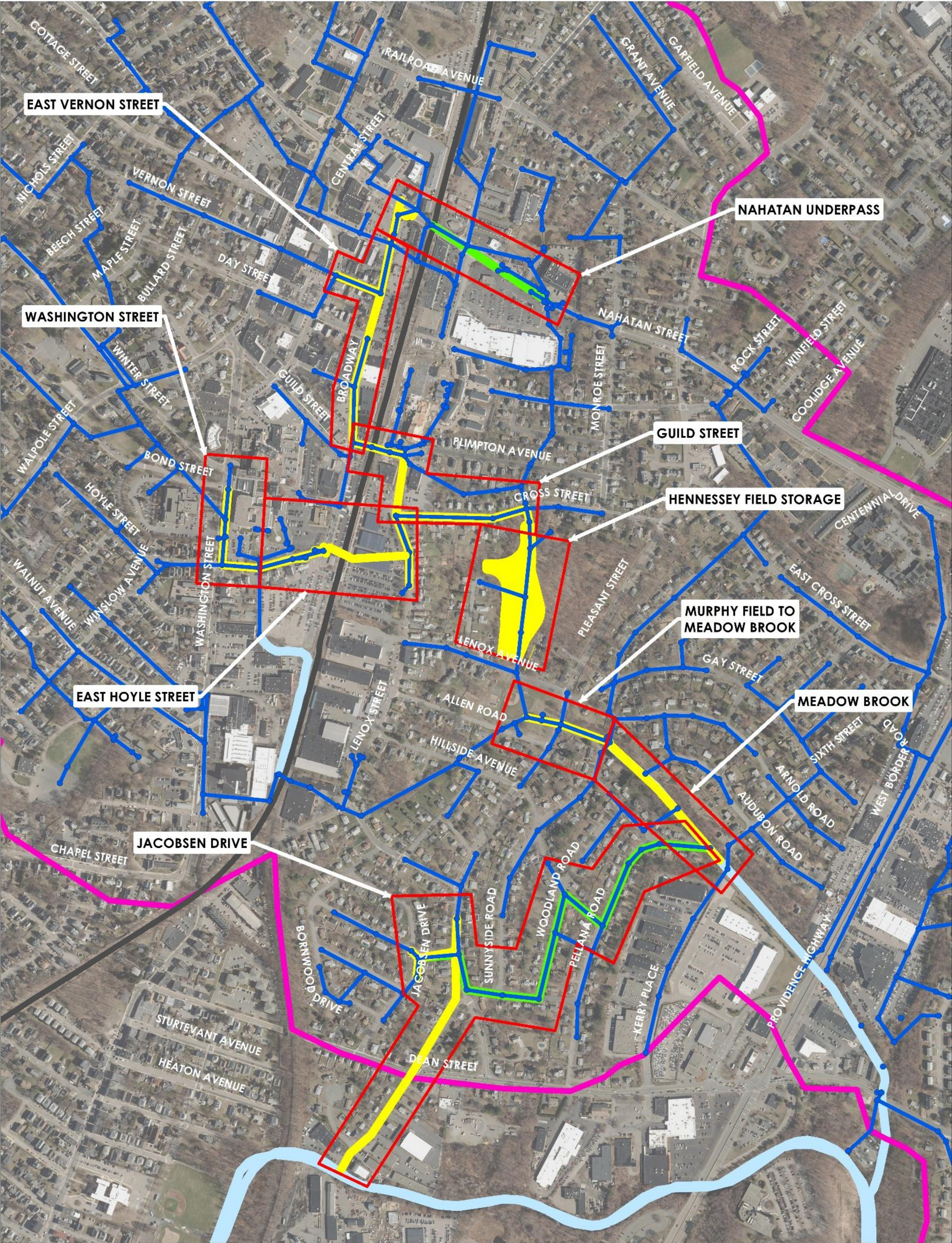
350 0 1,050  
1 inch = 350 feet





Project Concepts Overview Map

Meadow Brook  
Drainage Study



Phase	Project Concept	Planning-Level Opinion of Probable Capital Cost	
1	Hennessey Basin	\$ 8,086,000	\$ 9,495,000
	Meadow Brook Restoration	\$ 1,409,000	
2	Murphy to Meadow Brook	\$ 2,397,000	\$ 2,397,000
3	Guild Street	\$ 5,558,000	\$ 5,558,000
4A	East Vernon Street	\$ 2,804,000	\$ 4,635,000
	Nahatan Underpass	\$ 1,831,000	
4B	East Hoyle Street	\$ 8,415,000	\$ 10,406,000
	Washington Street	\$ 1,991,000	
4C	Jacobsen Drive	\$ 4,896,000	\$ 4,896,000
Total		\$ 37,387,000*	\$ 37,387,000*

\*2021 Dollars; Concept-Level Planning Costs.

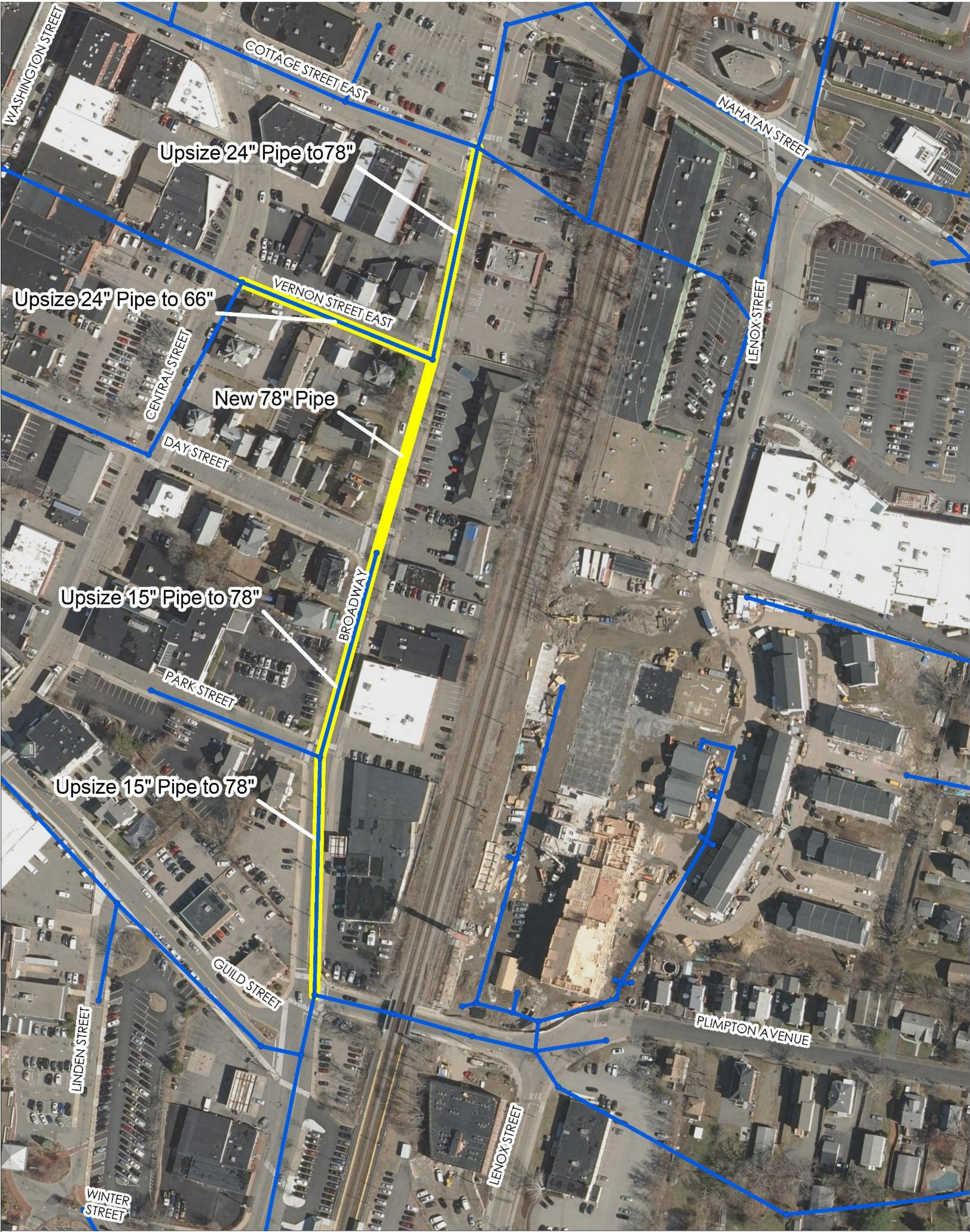
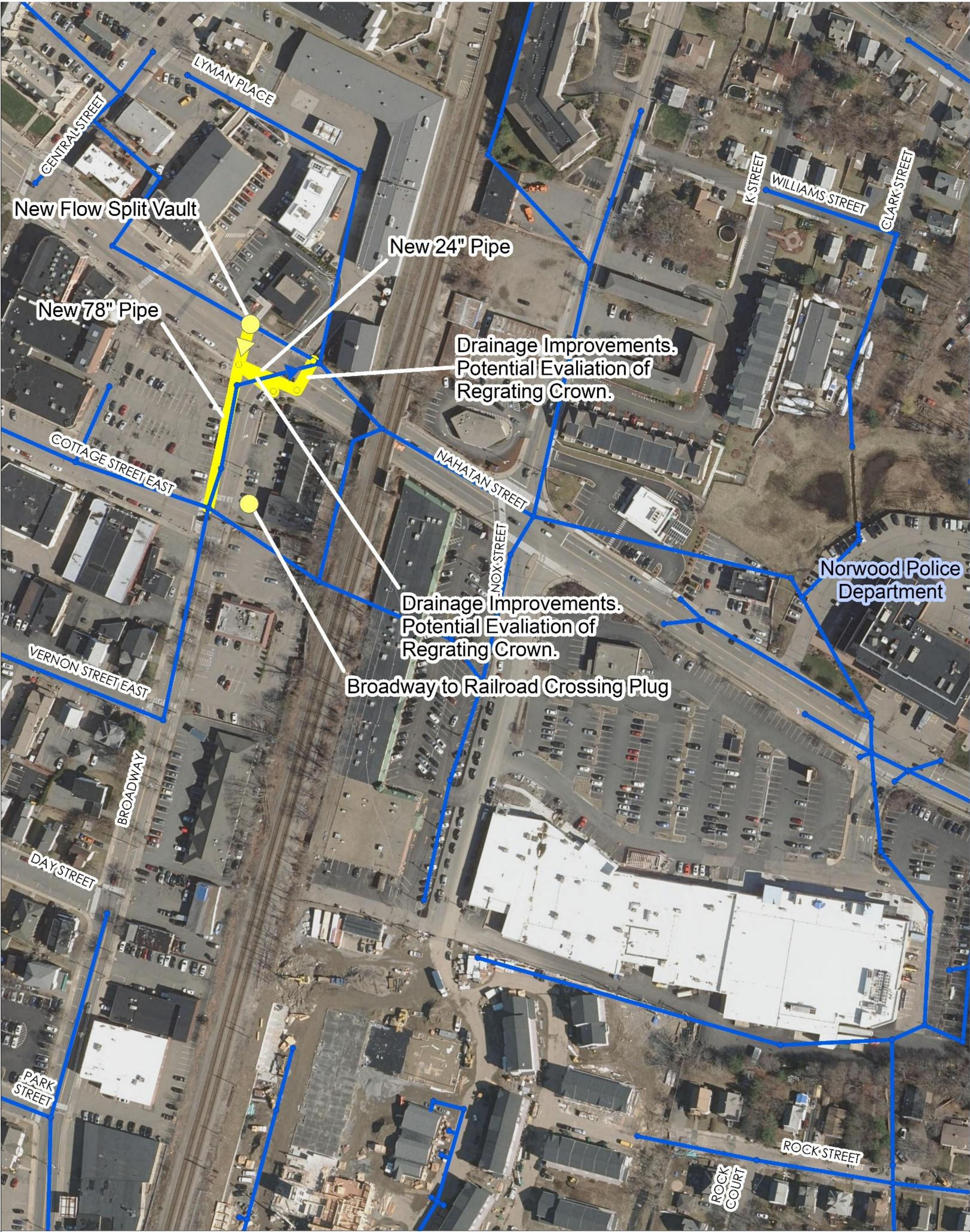


# Meadow Brook Drainage Study - Proposed Concepts

## Nahatan Underpass

# Meadow Brook Drainage Study - Proposed Concepts

## East Vernon Street

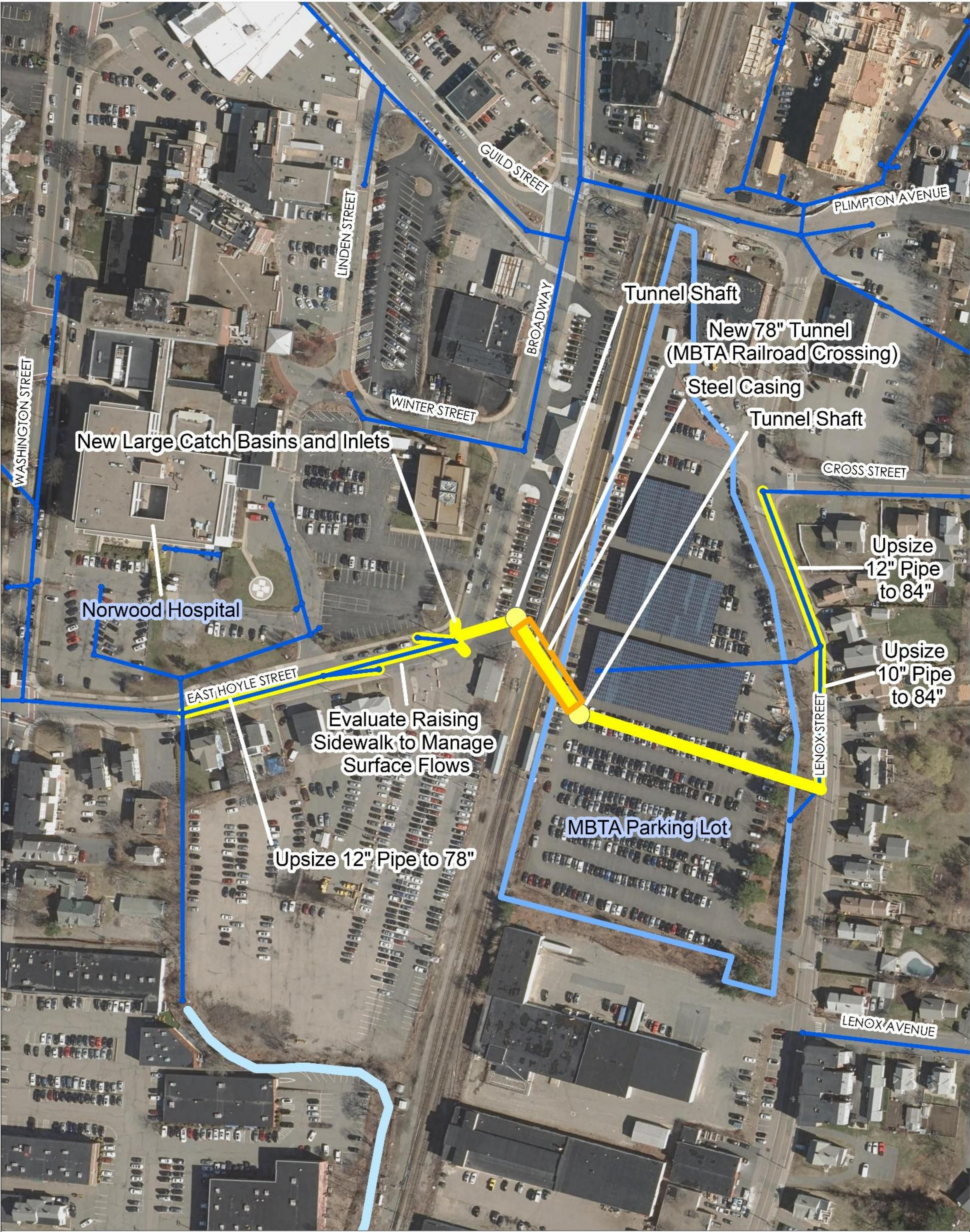
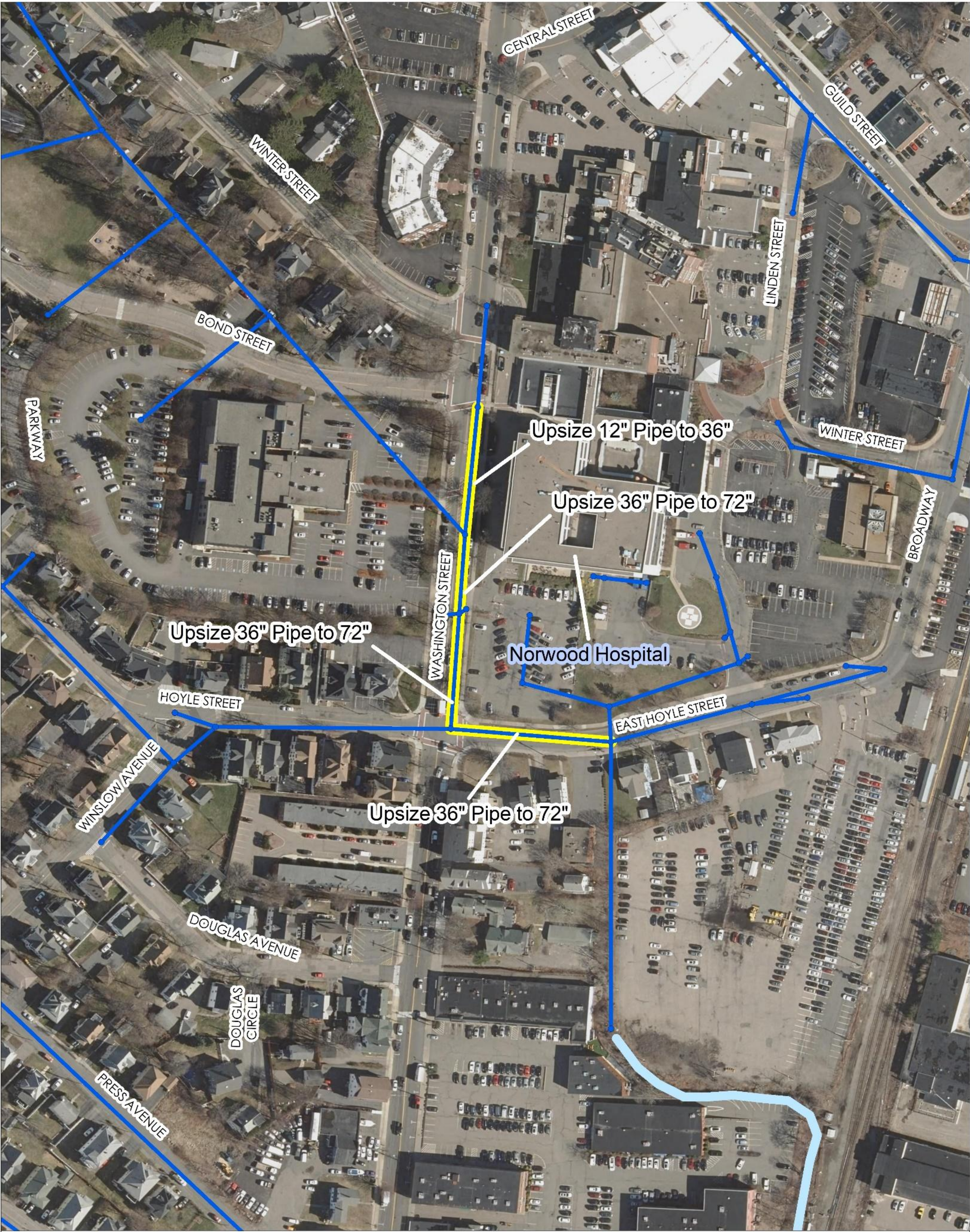




# Meadow Brook Drainage Study - Proposed Concepts

Washington Street

East Hoyle Street



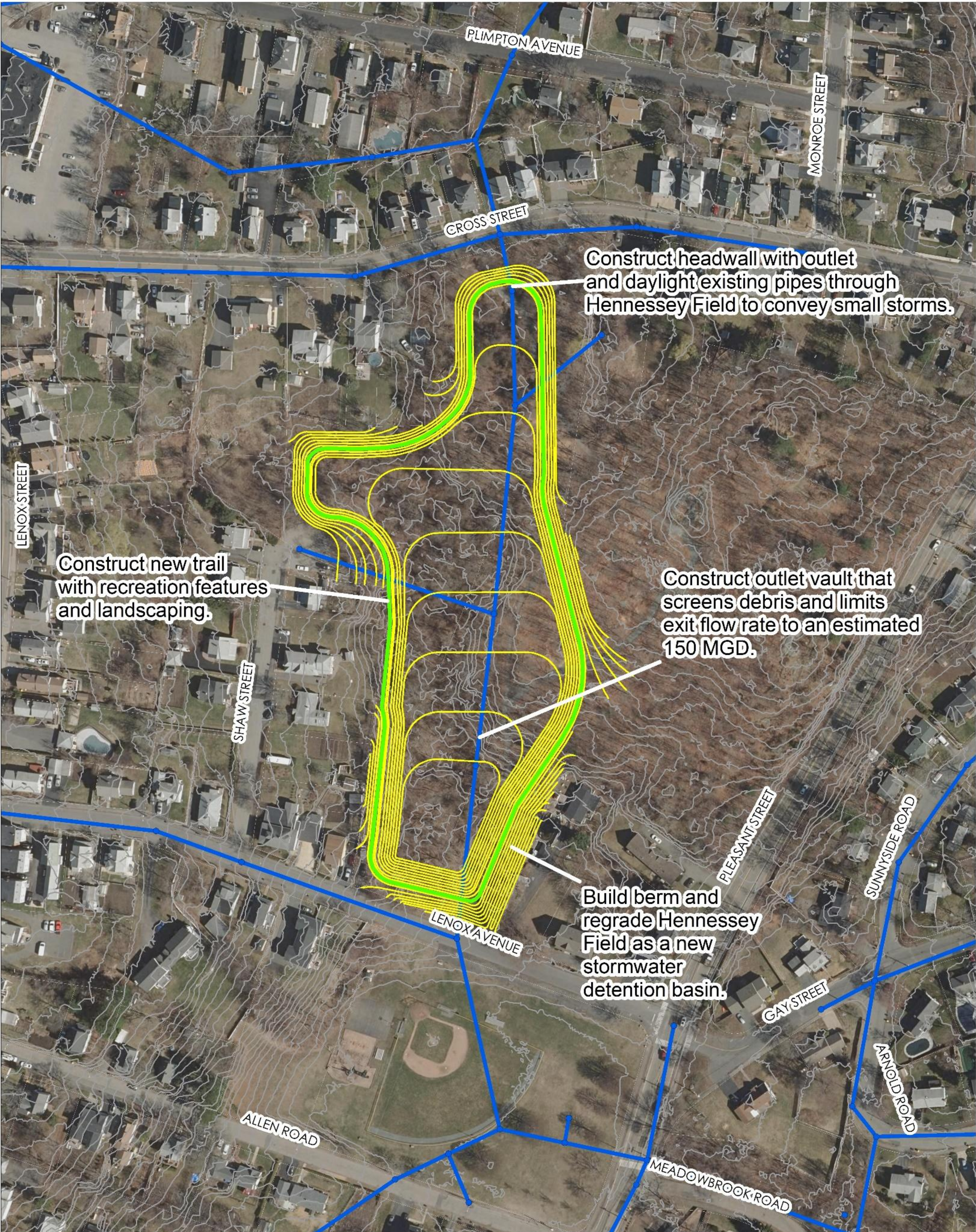
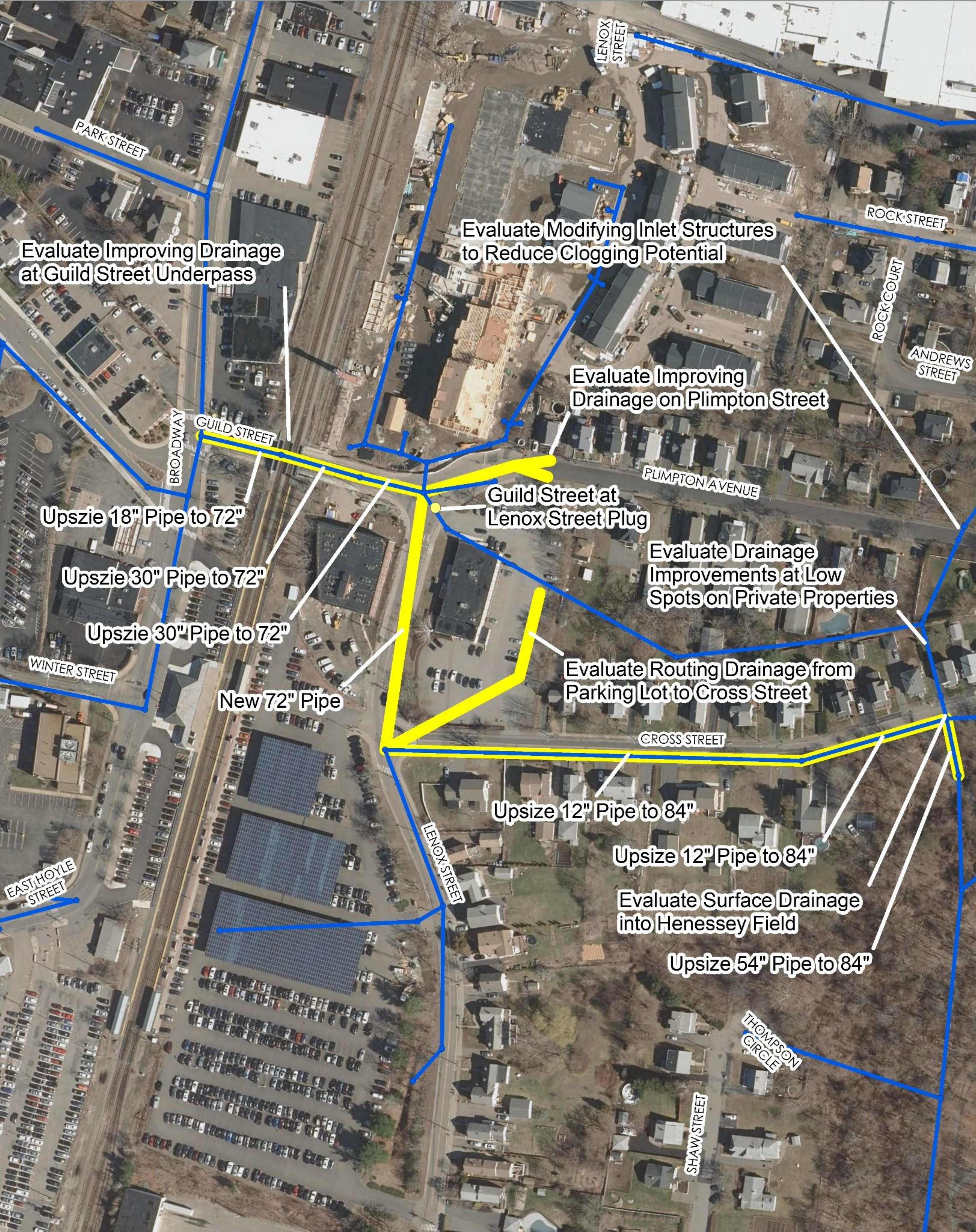


# Meadow Brook Drainage Study - Proposed Concepts

## Guild Street

# Meadow Brook Drainage Study - Proposed Concepts

## Hennessey Field Storage

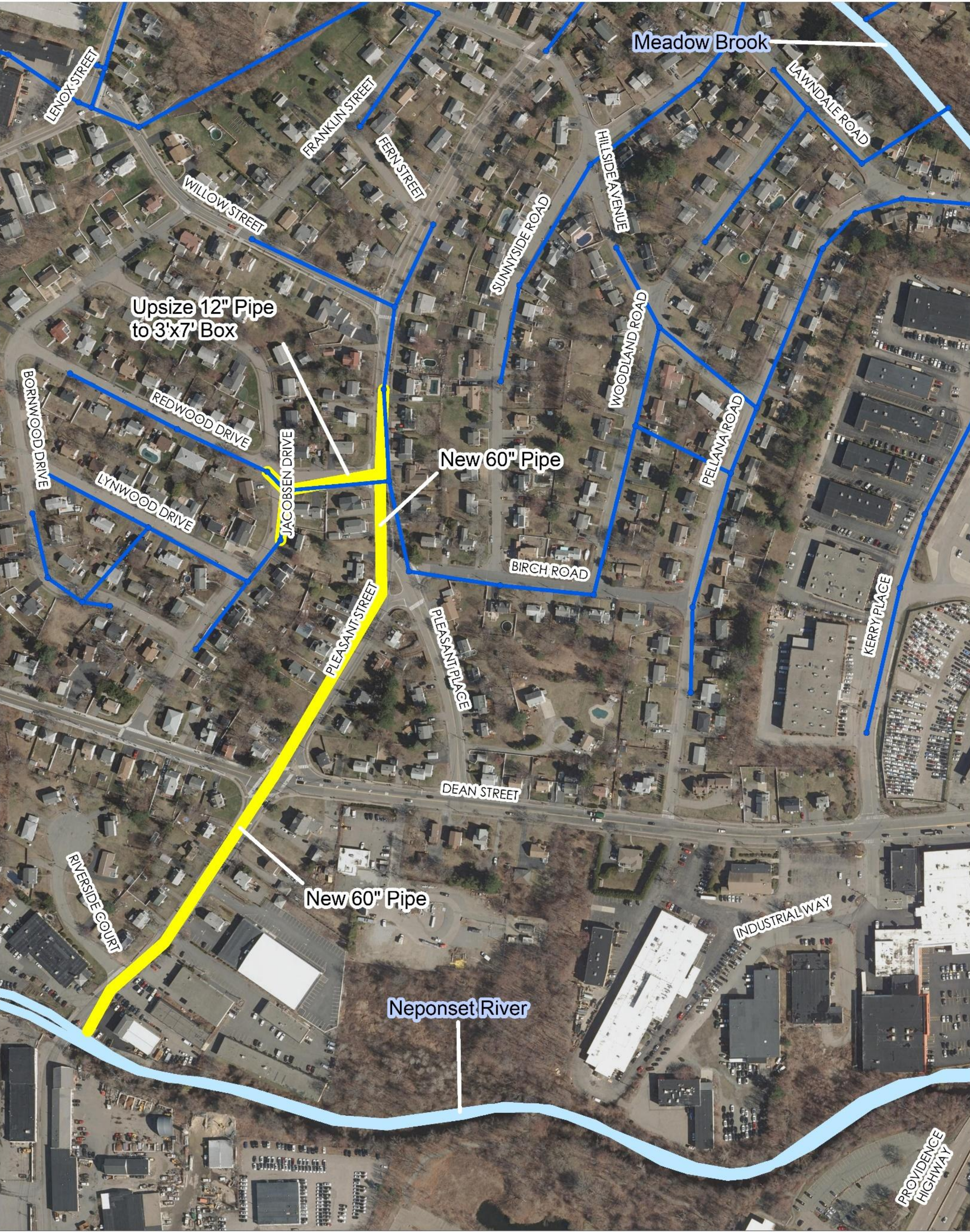
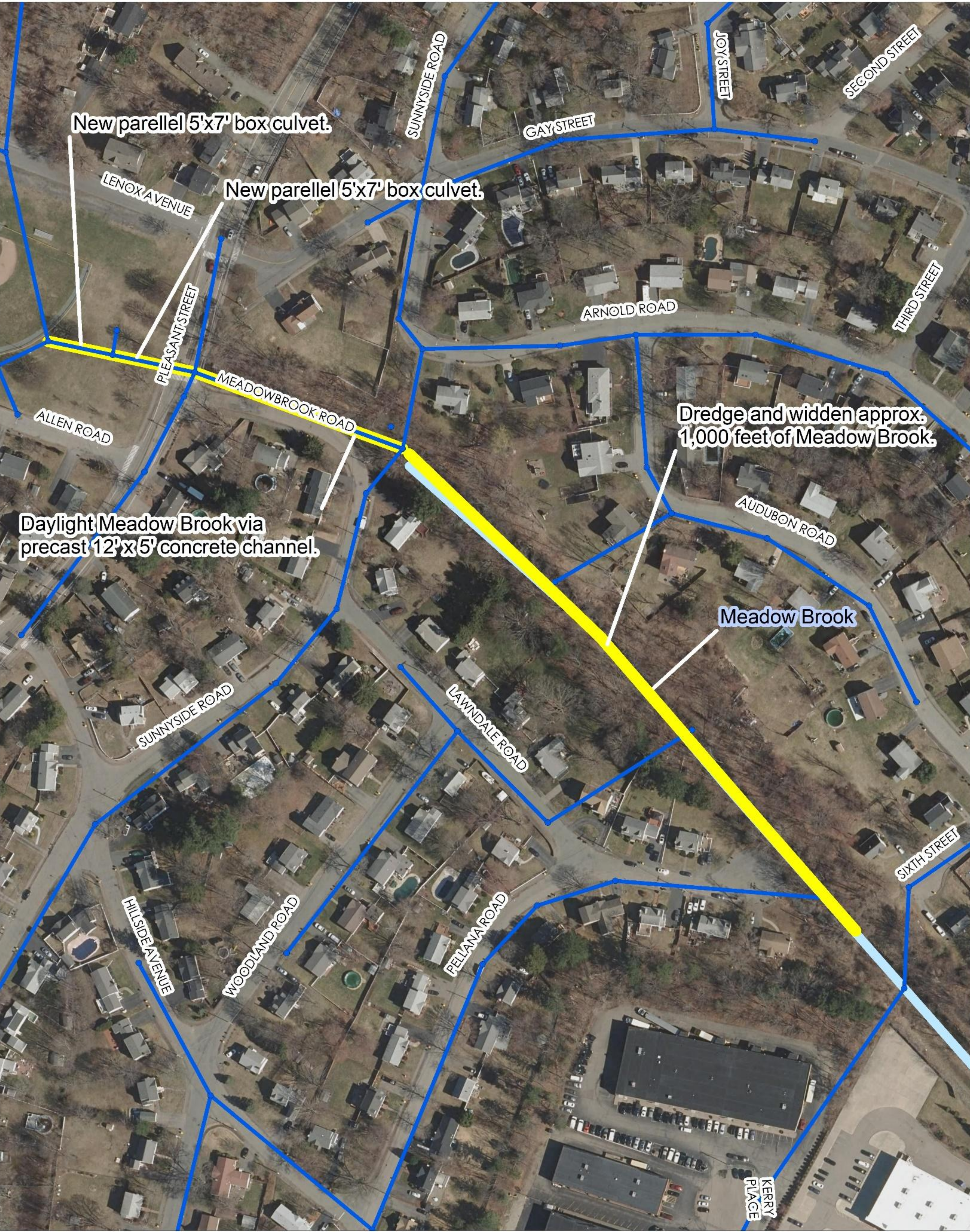




# Meadow Brook Drainage Study - Proposed Concepts

Murphy Field to Meadow Brook  
& Meadow Brook Restoration

## Jacobsen Drive





# Hennessey Basin – Proposed Stormwater Storage Concept

EXISTING  
(LOOKING NORTH)

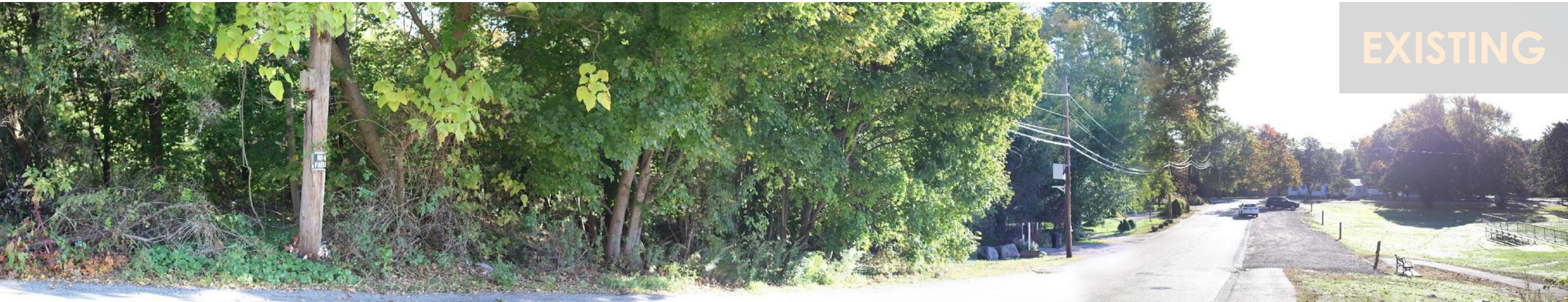
PROPOSED  
(LOOKING NORTH)





# Hennessey Basin – Proposed Stormwater Storage Concept

## LENOX AVENUE ENTRANCE



EXISTING



PROPOSED

## CROSS STREET ENTRANCE



EXISTING



PROPOSED (OPTION #1)



PROPOSED (OPTION #2)





# Hennessey Basin – Proposed Stormwater Storage Concept

## BASIN INTERIOR

RECREATIONAL TRAIL AND POLLINATOR HABITAT





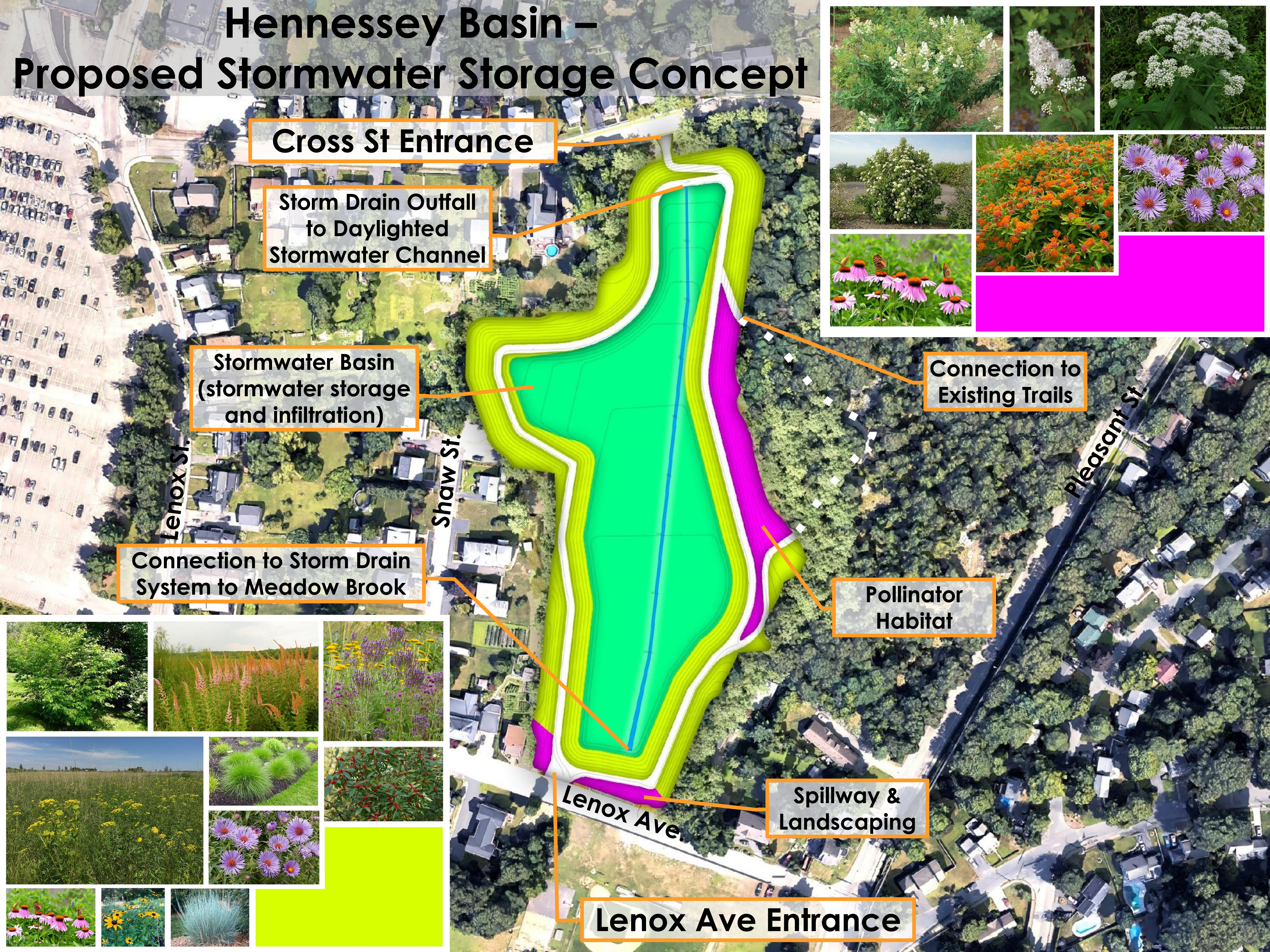
# Hennessey Basin – Proposed Stormwater Storage Concept

## BASIN INTERIOR

BRIDGE AT CROSS STREET ENTRANCE



# Hennessey Basin – Proposed Stormwater Storage Concept



Cross St Entrance

Storm Drain Outfall  
to Daylighted  
Stormwater Channel

Stormwater Basin  
(stormwater storage  
and infiltration)

Connection to Storm Drain  
System to Meadow Brook

Connection to  
Existing Trails

Pollinator  
Habitat

Spillway &  
Landscaping

Lenox Ave Entrance

Lenox St.

Shaw St.

Pleasant St.

Lenox Ave.

