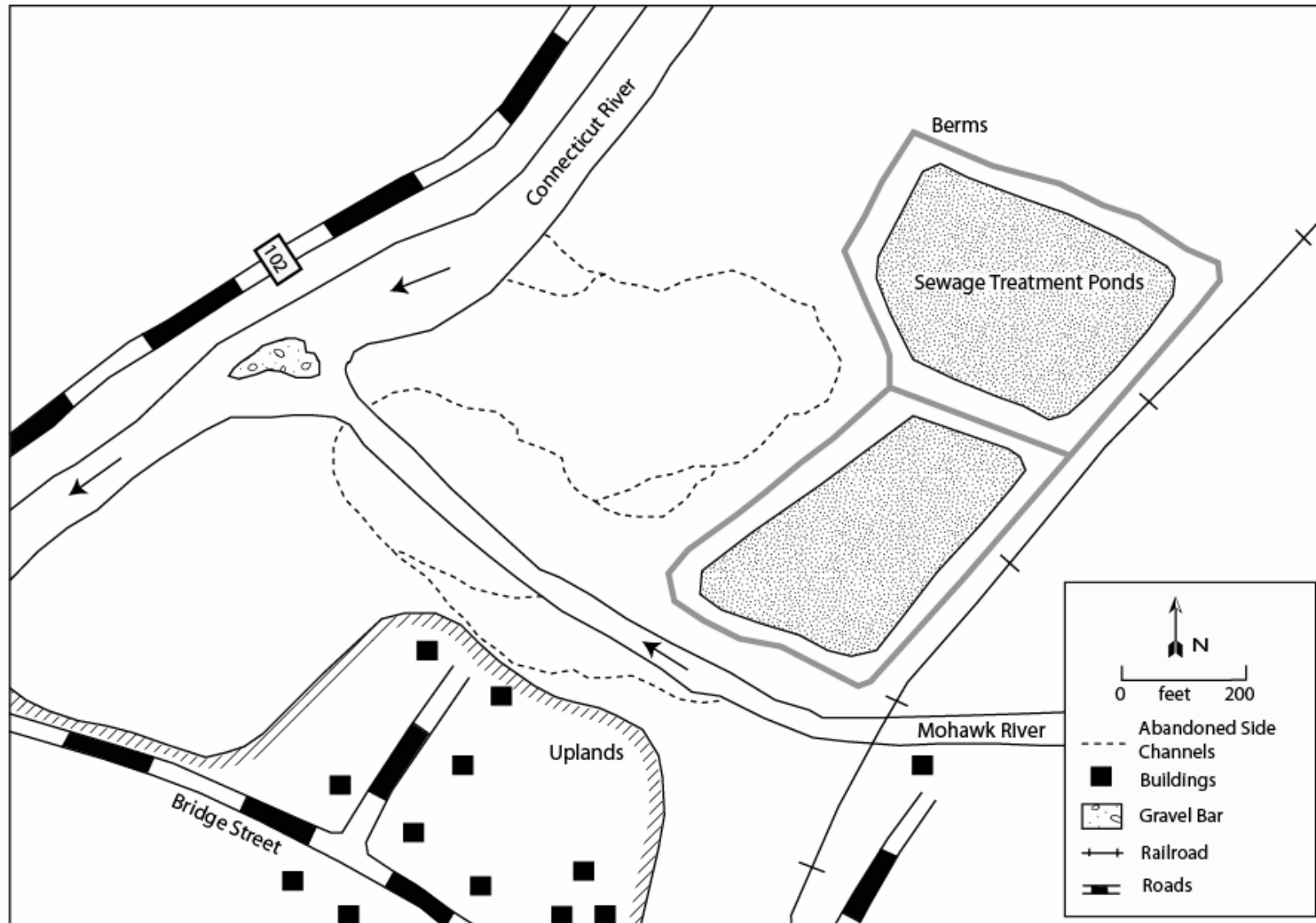


# Lower Mohawk River - Do Nothing



# Do Nothing Option

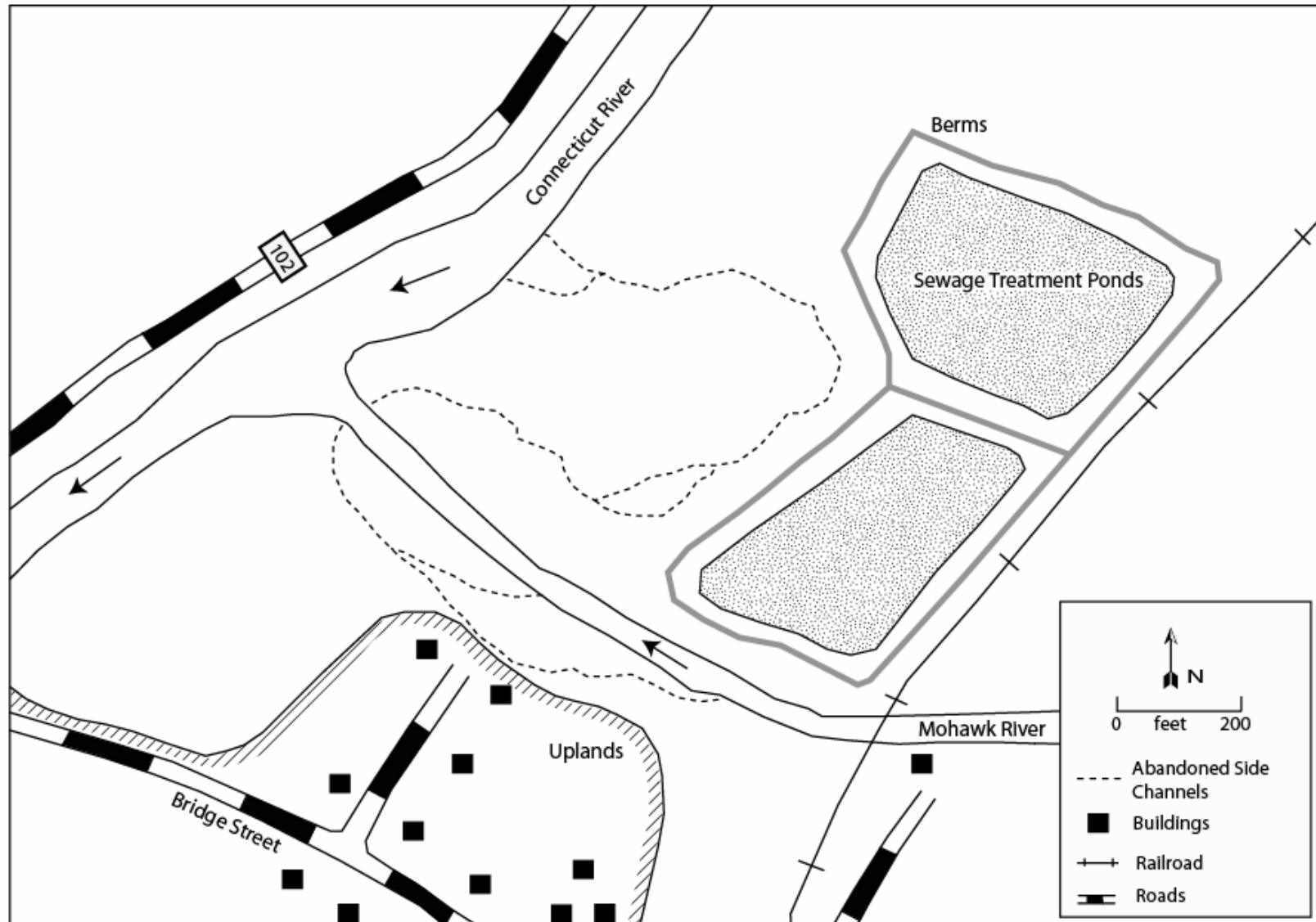
## Pros:

- No investment
- Avoid complicated setting
- Sediment inputs only during large floods

## Cons:

- Does not address public concerns
- Instability remains
- No habitat improvement

## Lower Mohawk River - Remove Gravel Bar



# Remove Gravel Bar Option

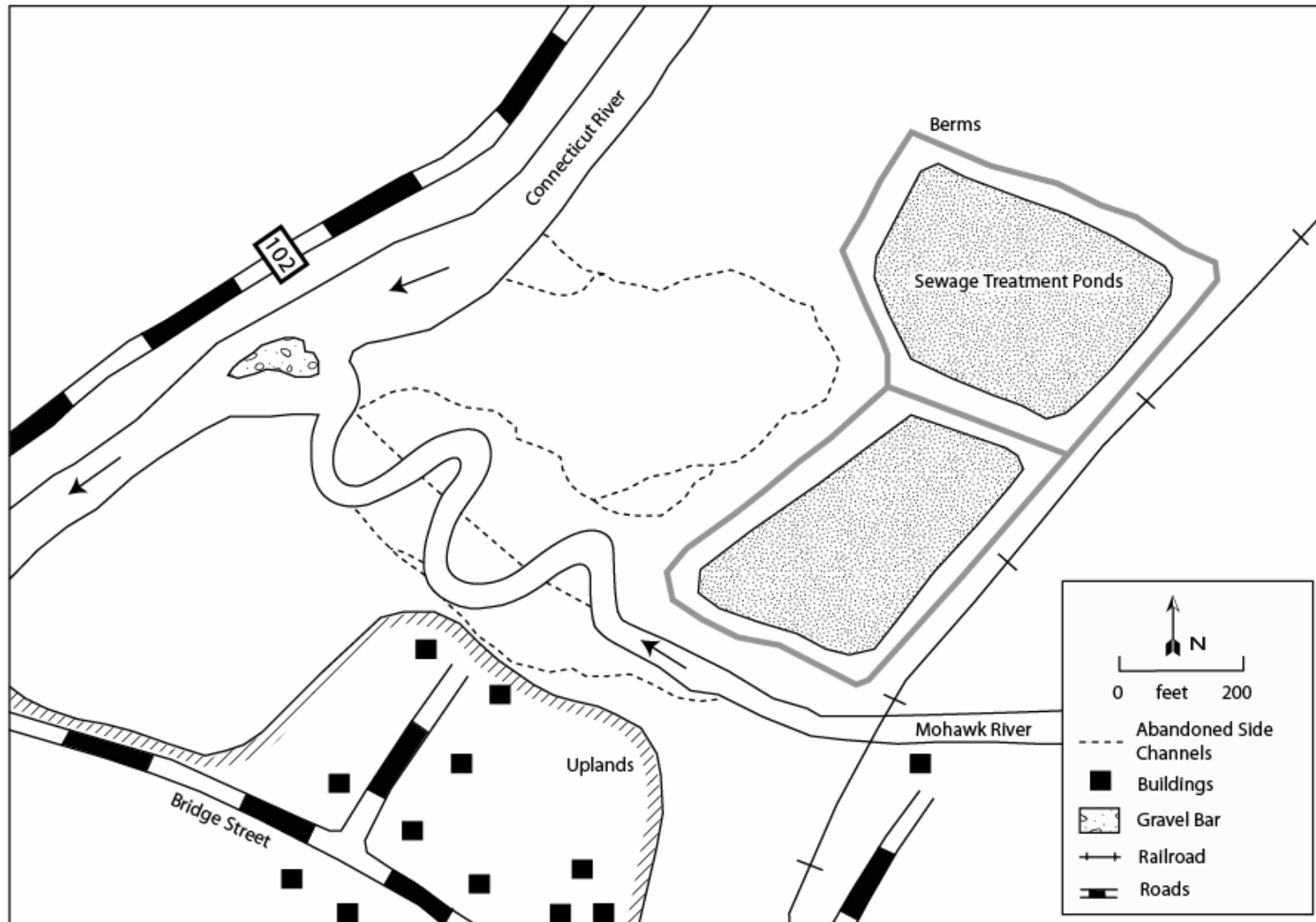
## Pros:

- Reduce sediment transport downstream
- Initial low cost
- Gravel resource

## Cons:

- Short term success (<5 yrs)/Frequent need to redo
- No habitat improvements
- Permitting difficulties
- Possible scour at bridge downstream

# Lower Mohawk River - Engineered Meanders



# Engineered Meanders Option

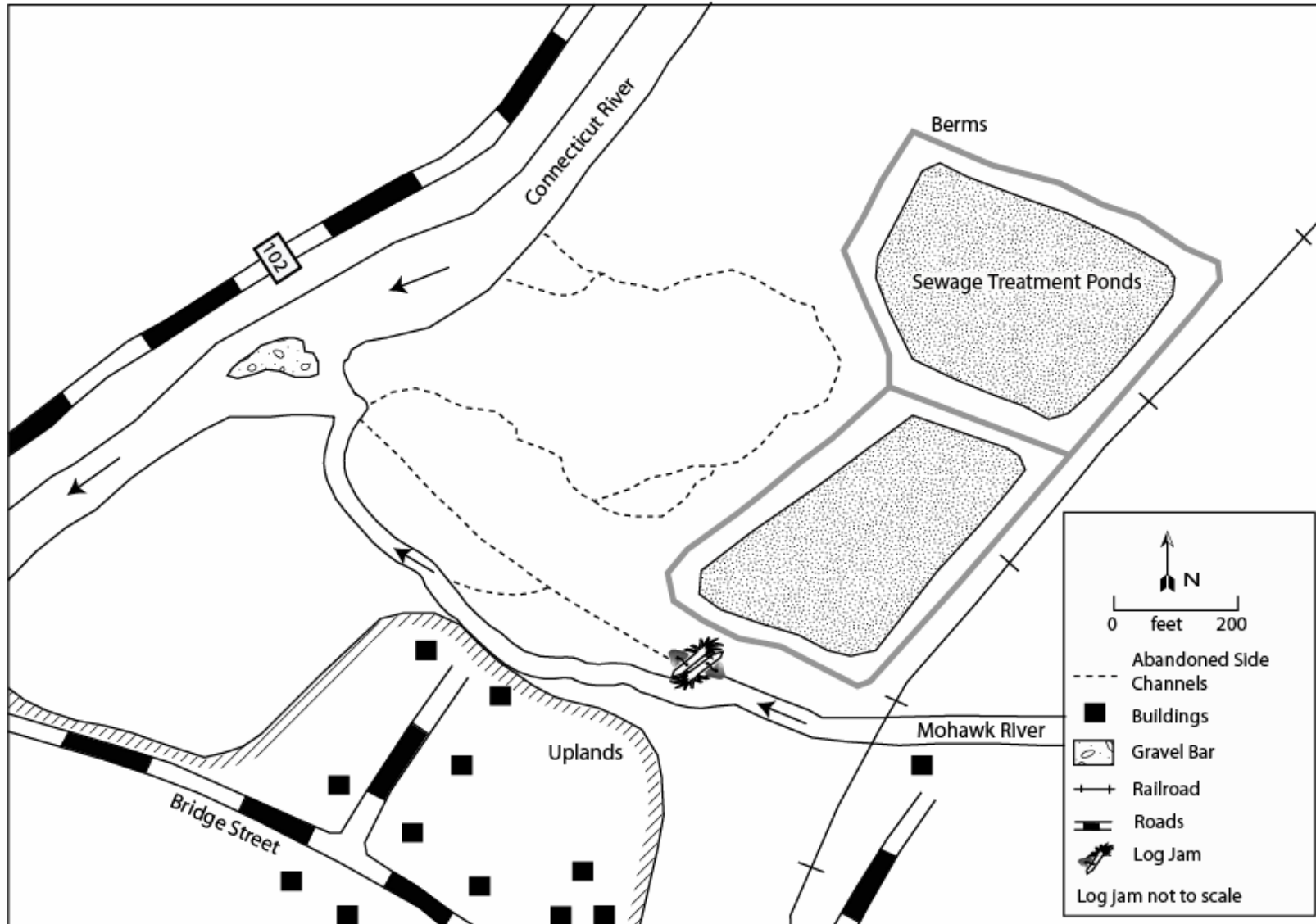
## Pros:

- Gravel storage on bars
- Pool development
- Reduced flow velocities

## Cons:

- High cost
- Possible short term increases in sediment
- High risk of failure
- Permitting difficulties
- Flow joins Connecticut River at single location

# Lower Mohawk River - Channel Realignment South



# Channel Realignment South Option

## Pros:

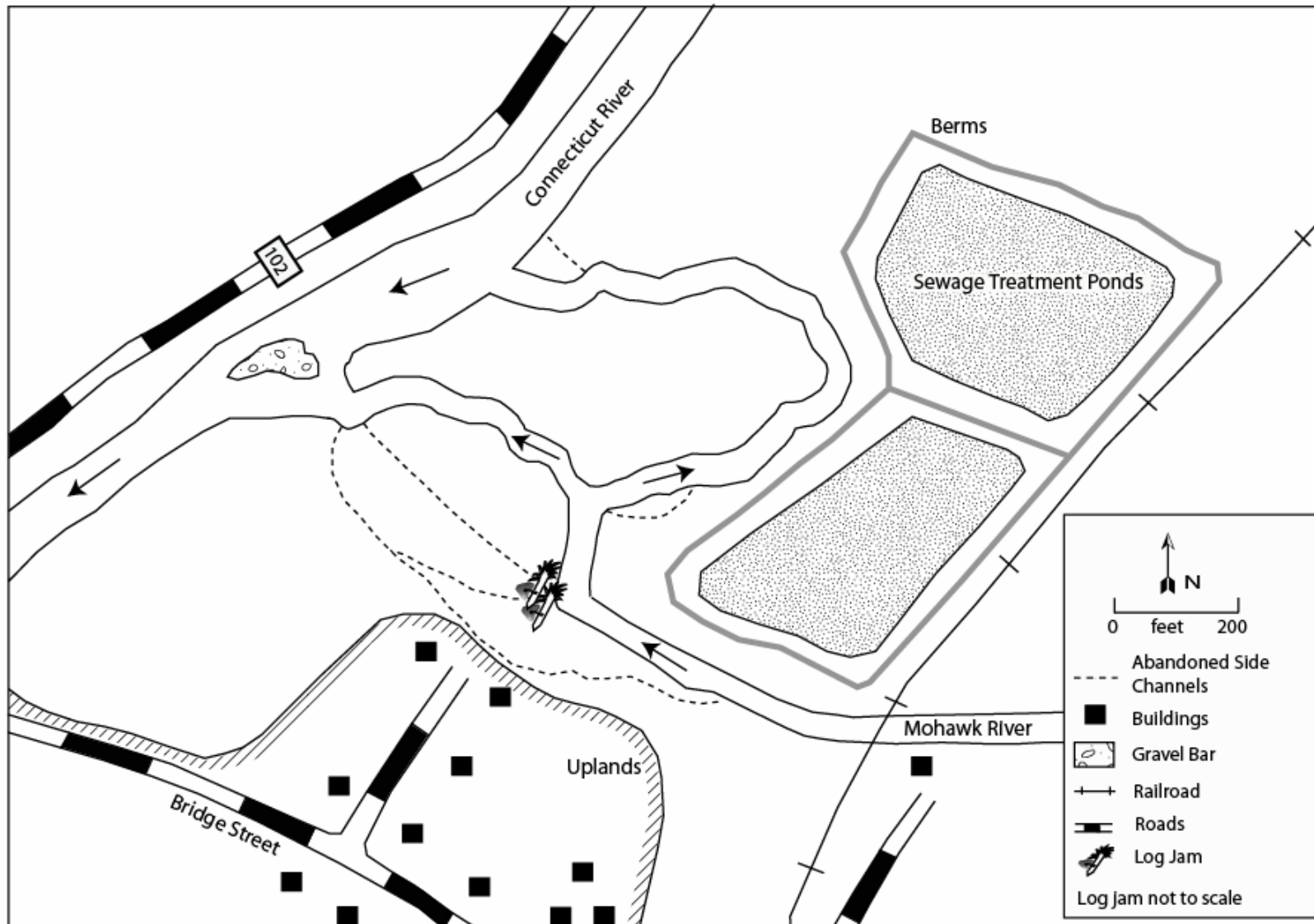
- Gravel storage in side channels
- Habitat improvements
- Reduced flow velocities
- Restoration of natural flow patterns
- Relatively low cost

## Cons:

- Flow directed towards homes
- Minimal increase in channel length
- Flow joins Connecticut River at single location



# Lower Mohawk River - Channel Realignment North



# Channel Realignment North Option

## Pros:

- Gravel storage in side channels
- Habitat improvements
- Reduced flow velocities
- Restoration of natural flow patterns
- Relatively low cost
- Flow joins Connecticut River at multiple locations

## Cons:

- Potential increase in flooding and ice jams
- Reduction in sediment inputs unknown