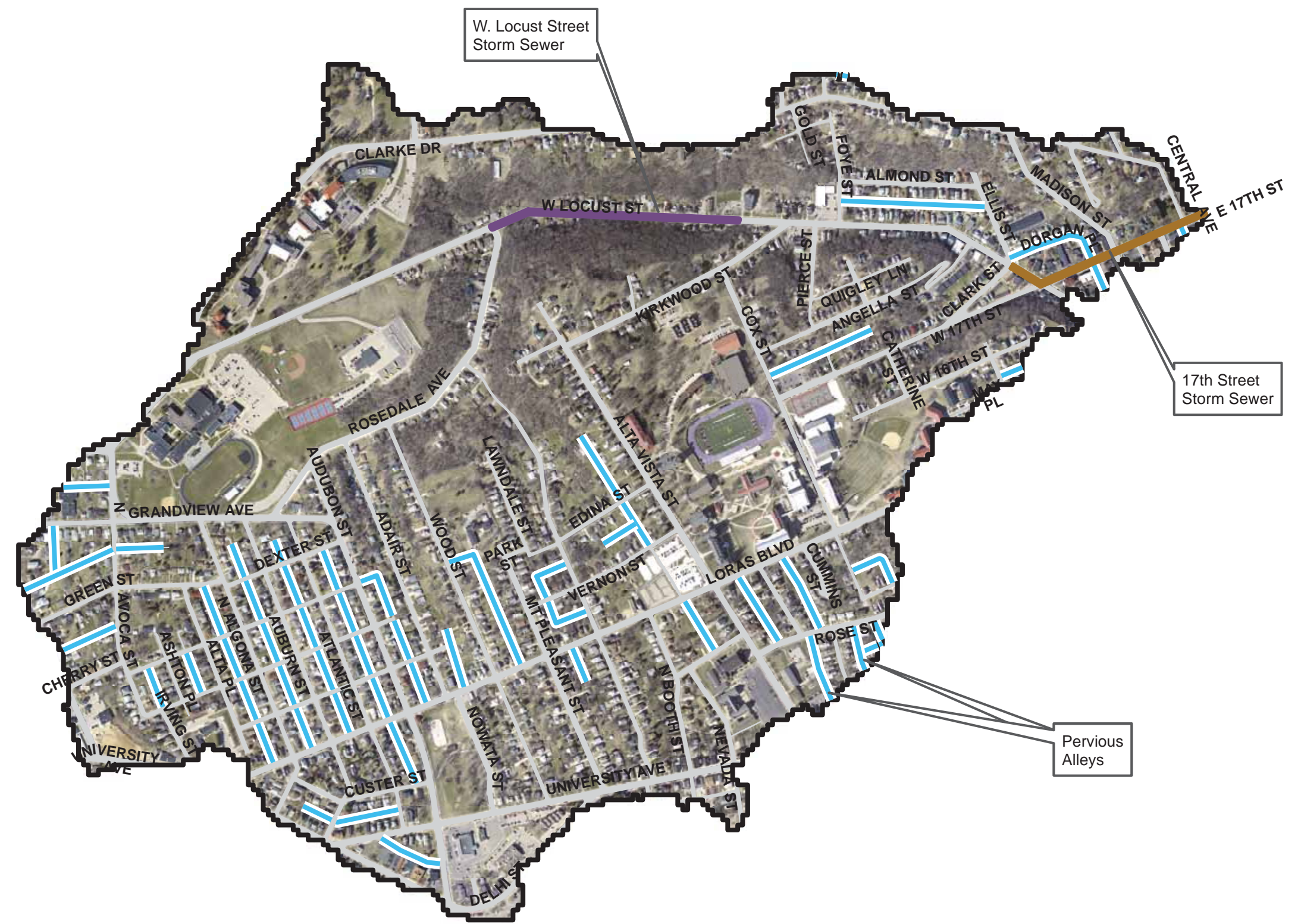
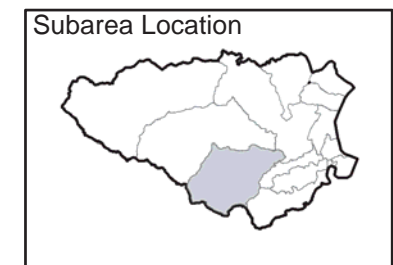
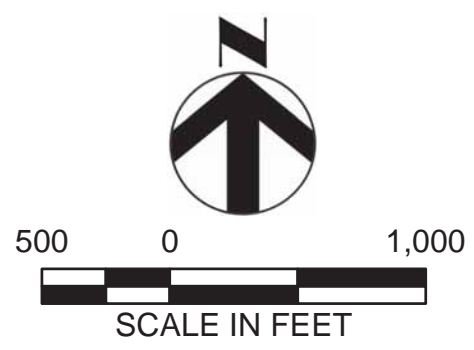


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Legend

Drainage Subarea Boundary

Streets**Flood Mitigation Improvements**

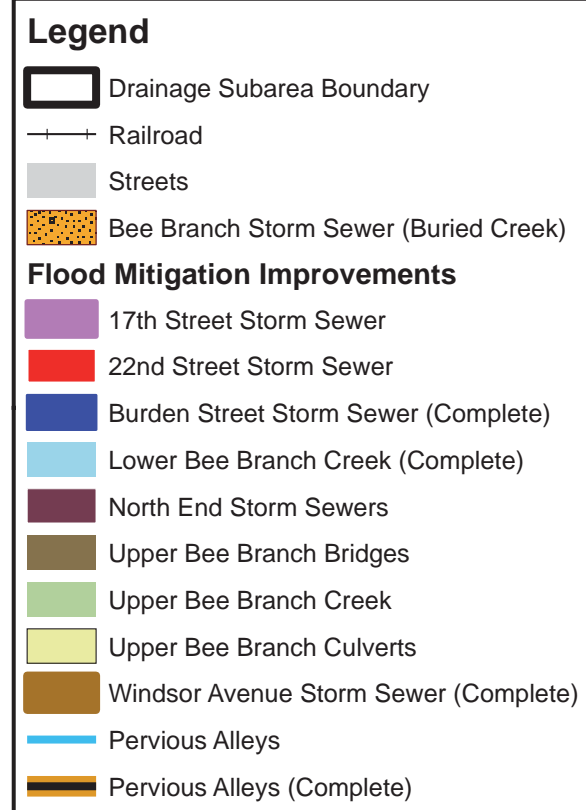
Source: Dubuque Area Geographical Information System (DAGIS), dated 2009

Locust Subarea
Flood Mitigation Improvements

Drainage Basin Master Plan
City of Dubuque, Iowa

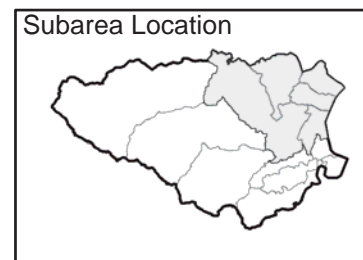
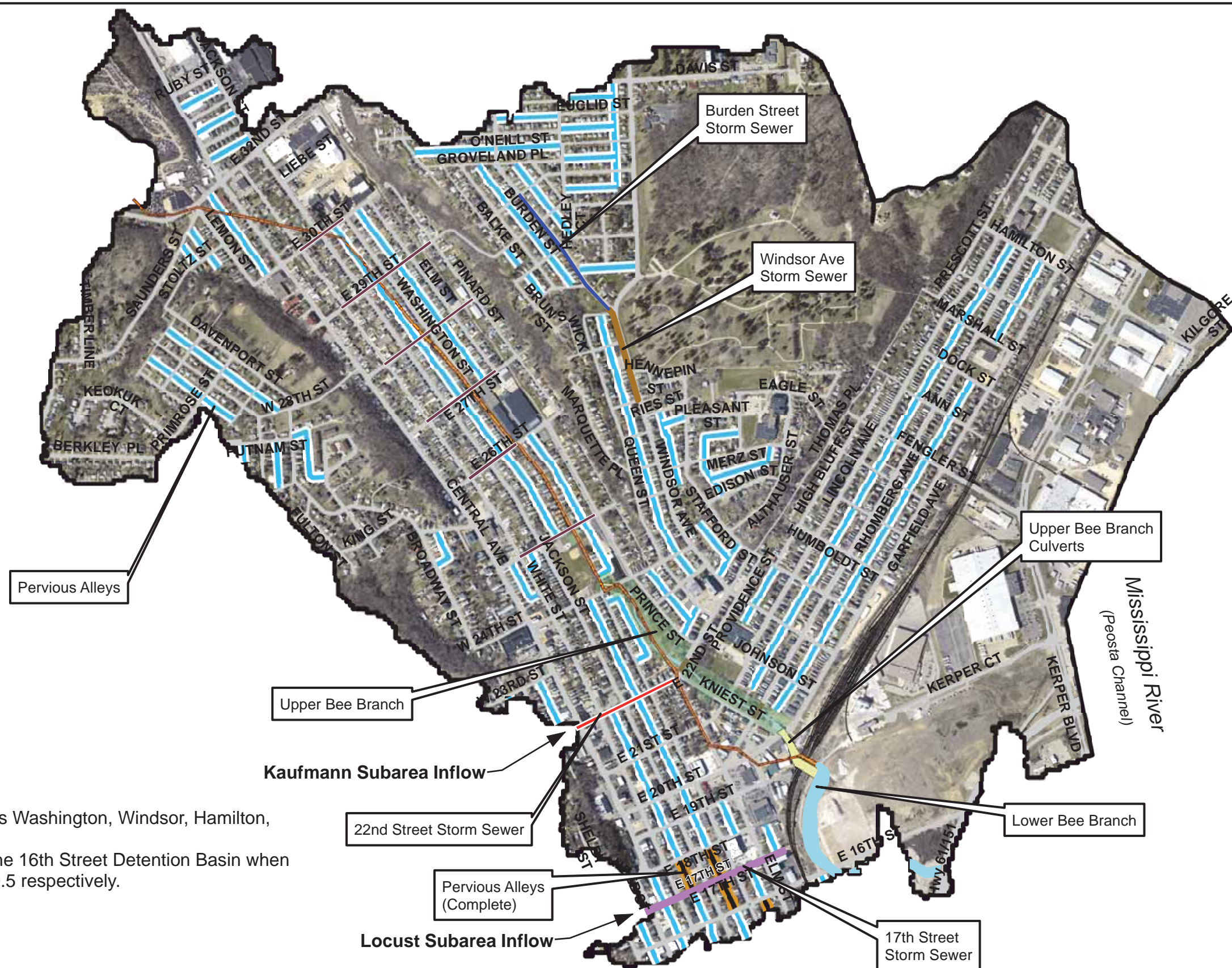
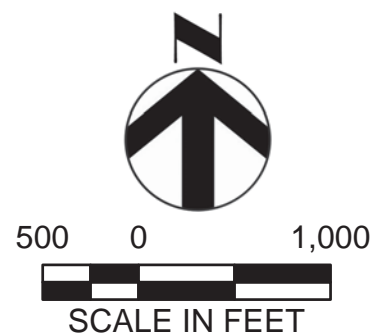
DATE	2013
FIGURE	4-5A

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Notes:

1. Central Business District North Subarea includes Washington, Windsor, Hamilton, Dock, and Upper Kerper subbasins.
2. Hamilton and Dock subareas are diverted into the 16th Street Detention Basin when the Mississippi River is above EL 603.5 and 600.5 respectively.



Source: Dubuque Area Geographical Information System (DAGIS), dated 2009

**Central Business District - North Subarea
Flood Mitigation Improvements**

THE CITY OF
DUBUQUE
Masterpiece on the Mississippi

Drainage Basin Master Plan
City of Dubuque, Iowa

DATE	2013
FIGURE	4-6A

Legend

- Drainage Subarea Boundary
- Railroad
- Streets

Flood Mitigation Improvements

- 16th Street Detention Cell Gates
- 16th Street Detention Cell (Complete)
- Bee Branch Creek (Complete)
- Historic Millwork District Pervious Streets (Complete)
- Pervious Alleys
- Pervious Alleys (Complete)

Pervious Alleys

Pervious Alleys (Complete)

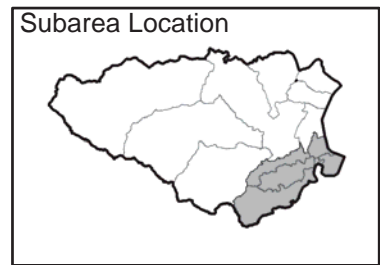
Bee Branch Creek

16th Street Detention Cell

16th Street Detention Cell Gates

Millwork District Pervious Streets

- Notes:
1. Central Business District Subarea includes 8th, 11th, and 14th Street Subareas.
 2. 8th Street Subarea diverts into 16th Street Detention cell when the Mississippi River is above 598.5.



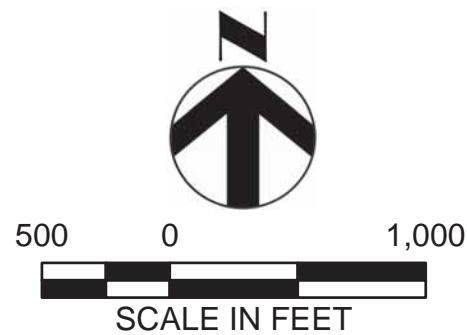
Source: Dubuque Area Geographical Information System (DAGIS), dated 2009

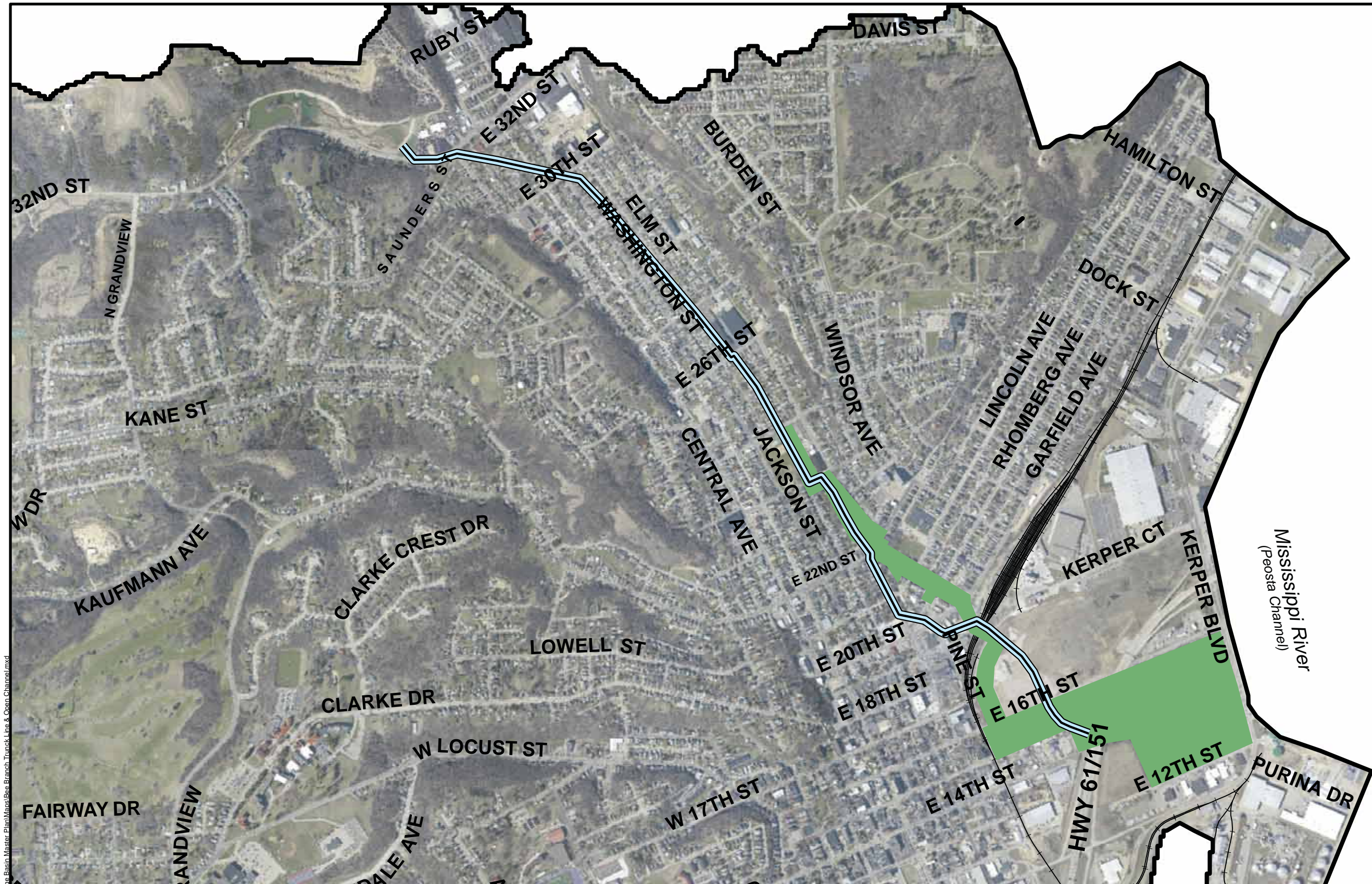
**Central Business District-South Subarea
Flood Mitigation Improvements**

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City of Dubuque, Iowa


DATE	2013
FIGURE	4-7A







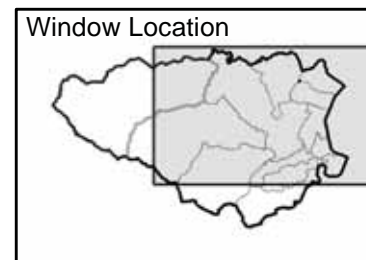
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Legend

 Bee Branch Watershed Limits

 Bee Branch Sewer Trunk Line


 Open Channel (Bee Branch Creek)



Source: Dubuque Area Geographical Information System (DAGIS), dated 2009

Bee Branch Drainage Basin

Bee Branch Sewer Trunk Line
& Open Channel



Drainage Basin Master Plan

City of Dubuque, Iowa

DATE

2013

FIGURE

4-8A