



Downtown Bloomington Infrastructure

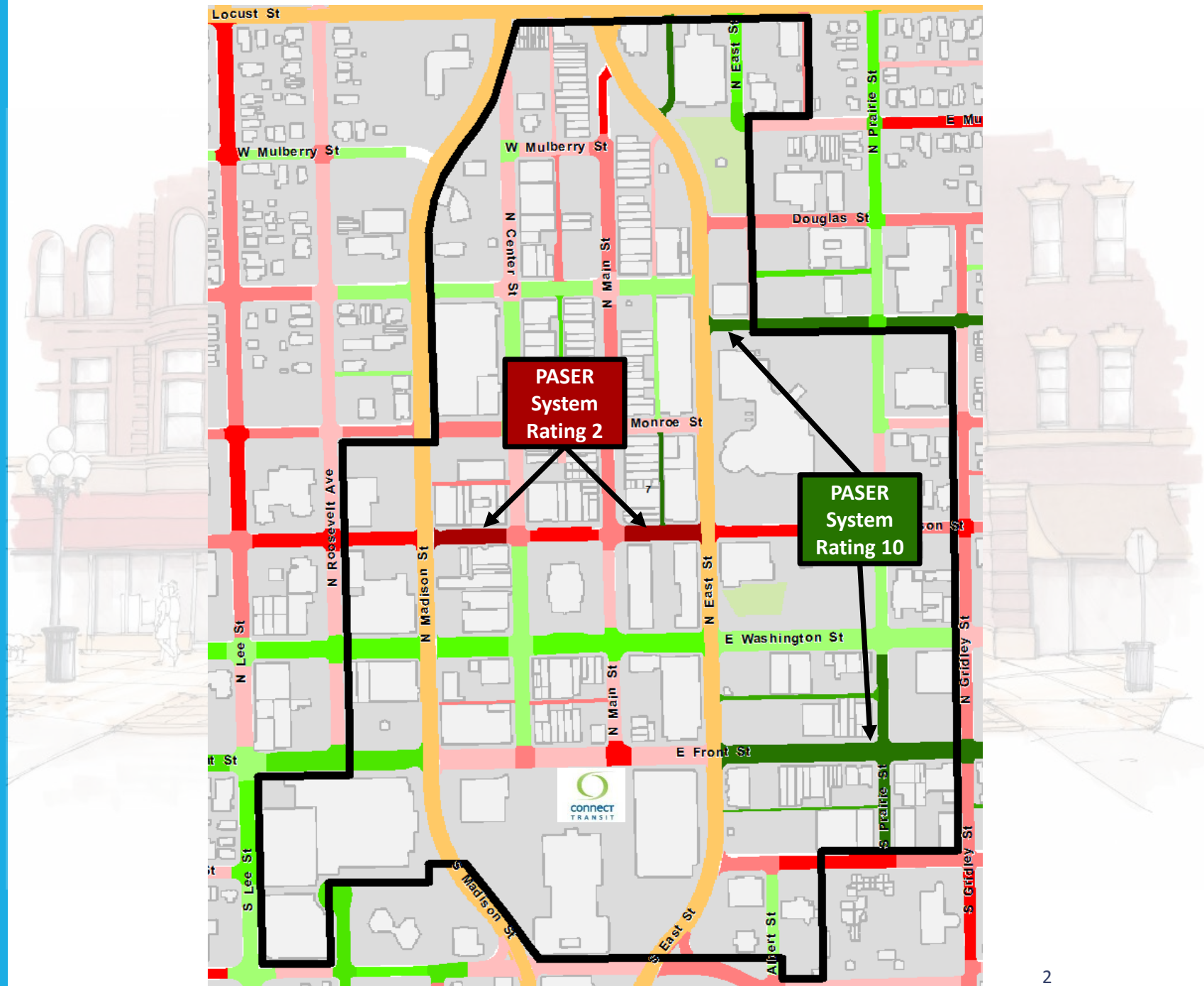
JIM KARCH, PE CFM, DIRECTOR OF PUBLIC WORKS

DOWNTOWN TASK FORCE

SEPTEMBER 26, 2017

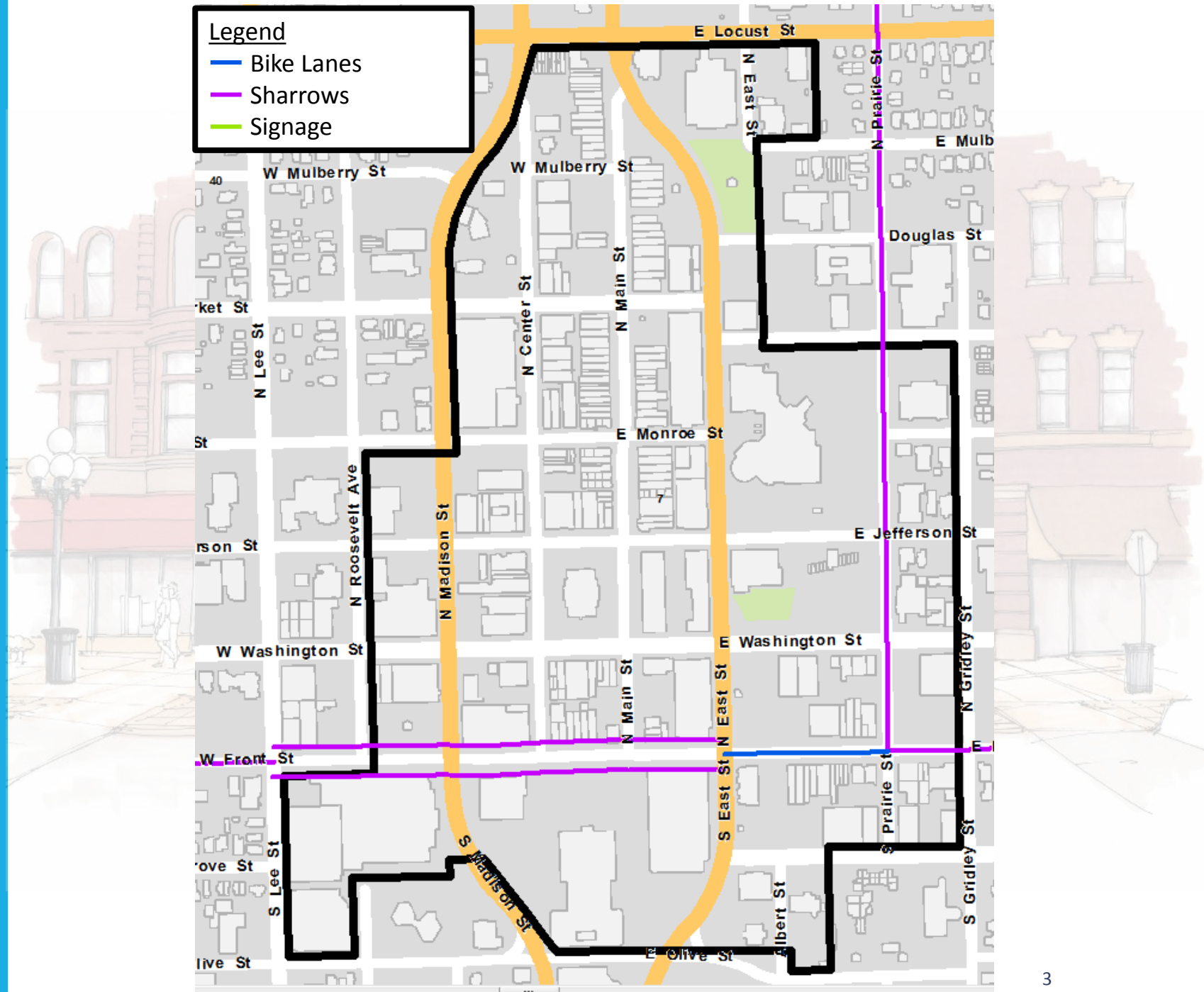
Downtown Streets

- Conditions range from PASER 2 to PASER 10
- Jefferson Street ranked lowest in downtown
- Front Street rutting at Connect Transit transfer center



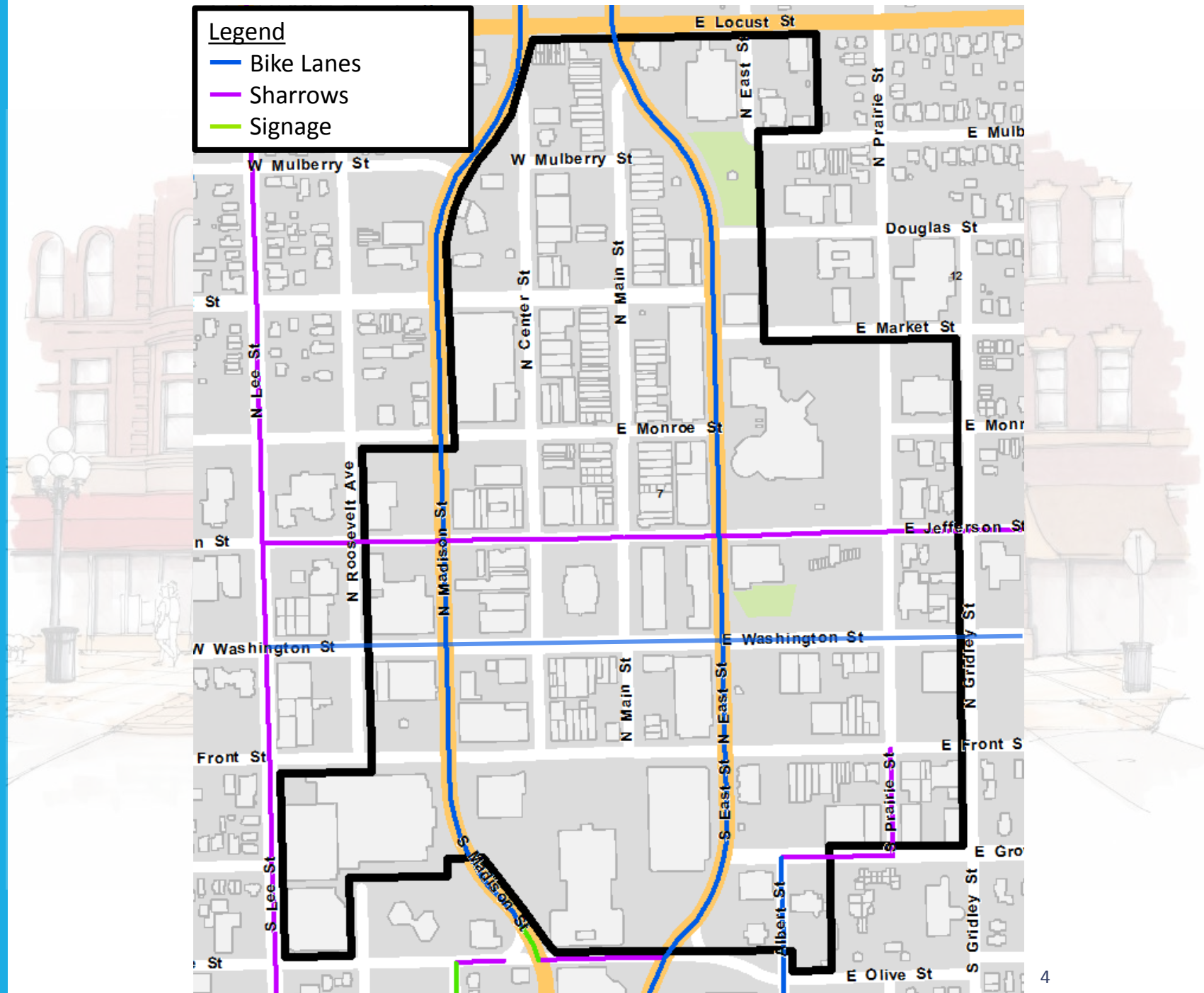
Downtown Bicycle Infrastructure

- Current bike lanes and sharrows



Recommended Downtown Bicycle Infrastructure

- Bike lanes, sharrows, and other bicycle infrastructure recommended by the City of Bloomington Bicycle Master Plan



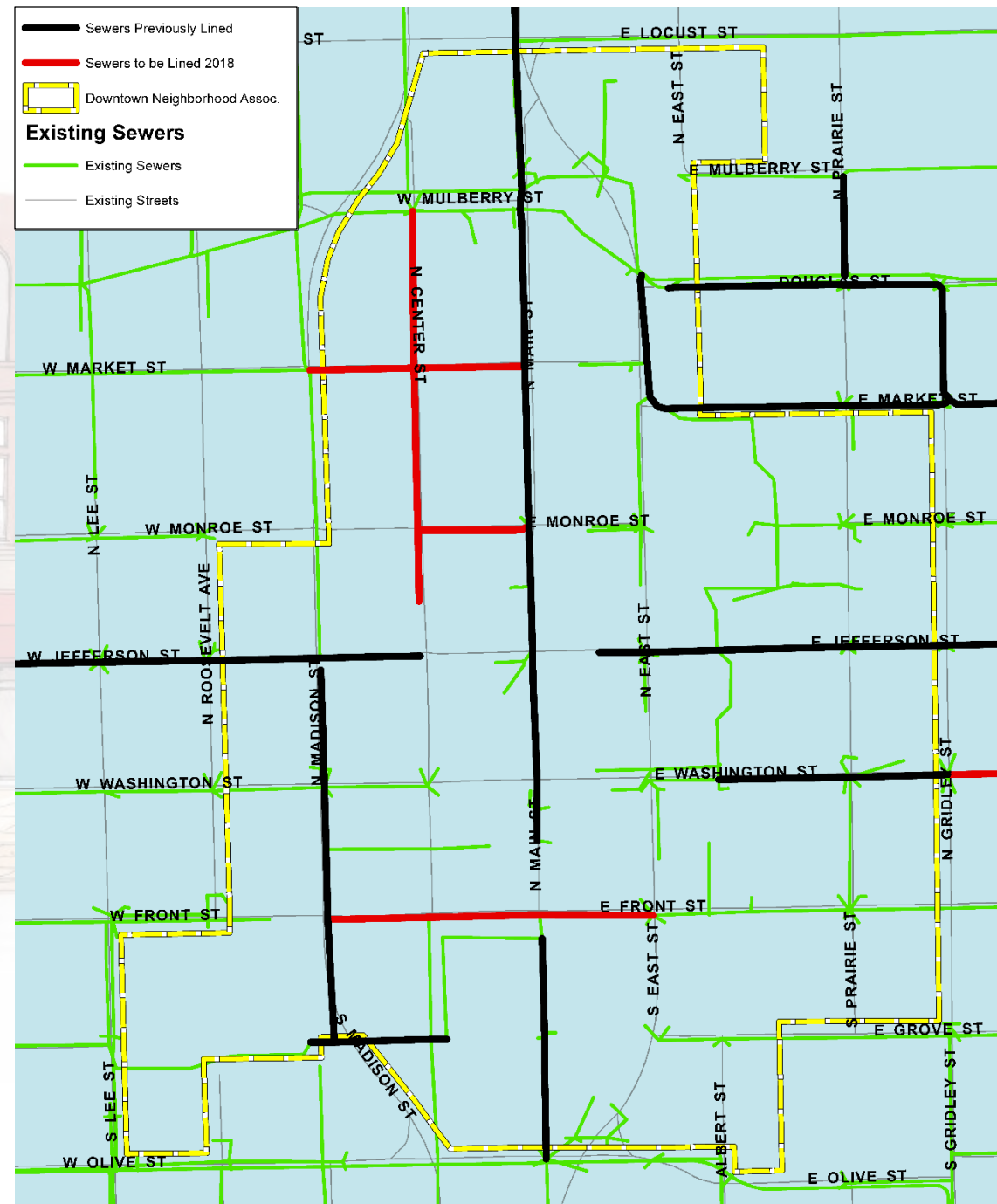
Downtown Sidewalks and Ramps

- ADA Compliance
- \$0 available to spend on downtown sidewalks in FY 18



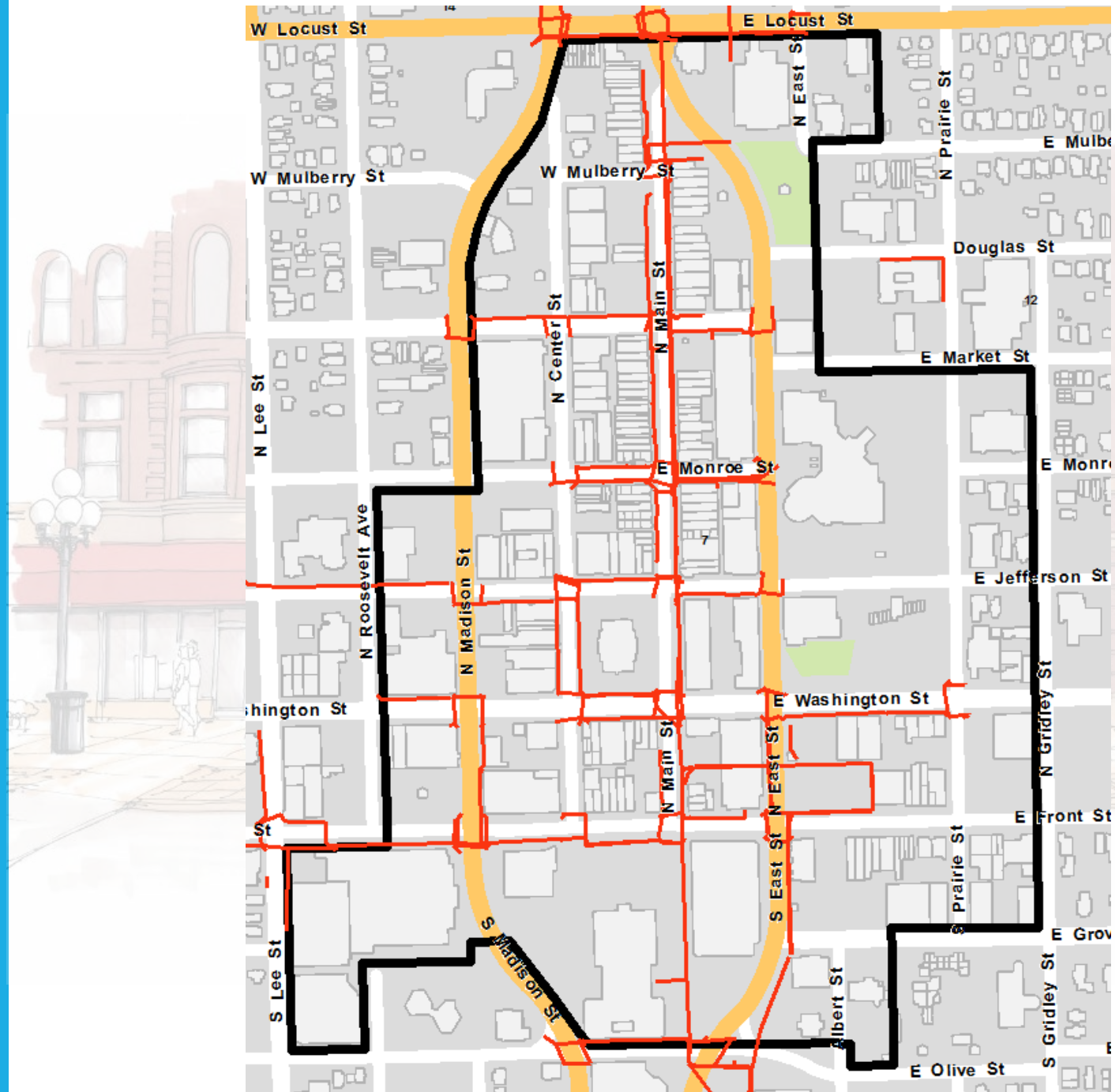
Downtown Sewers

- 4,405 ft. lined
- 2,537 ft. lining planned for FY 18
- 6,661 ft. lining planned in the future



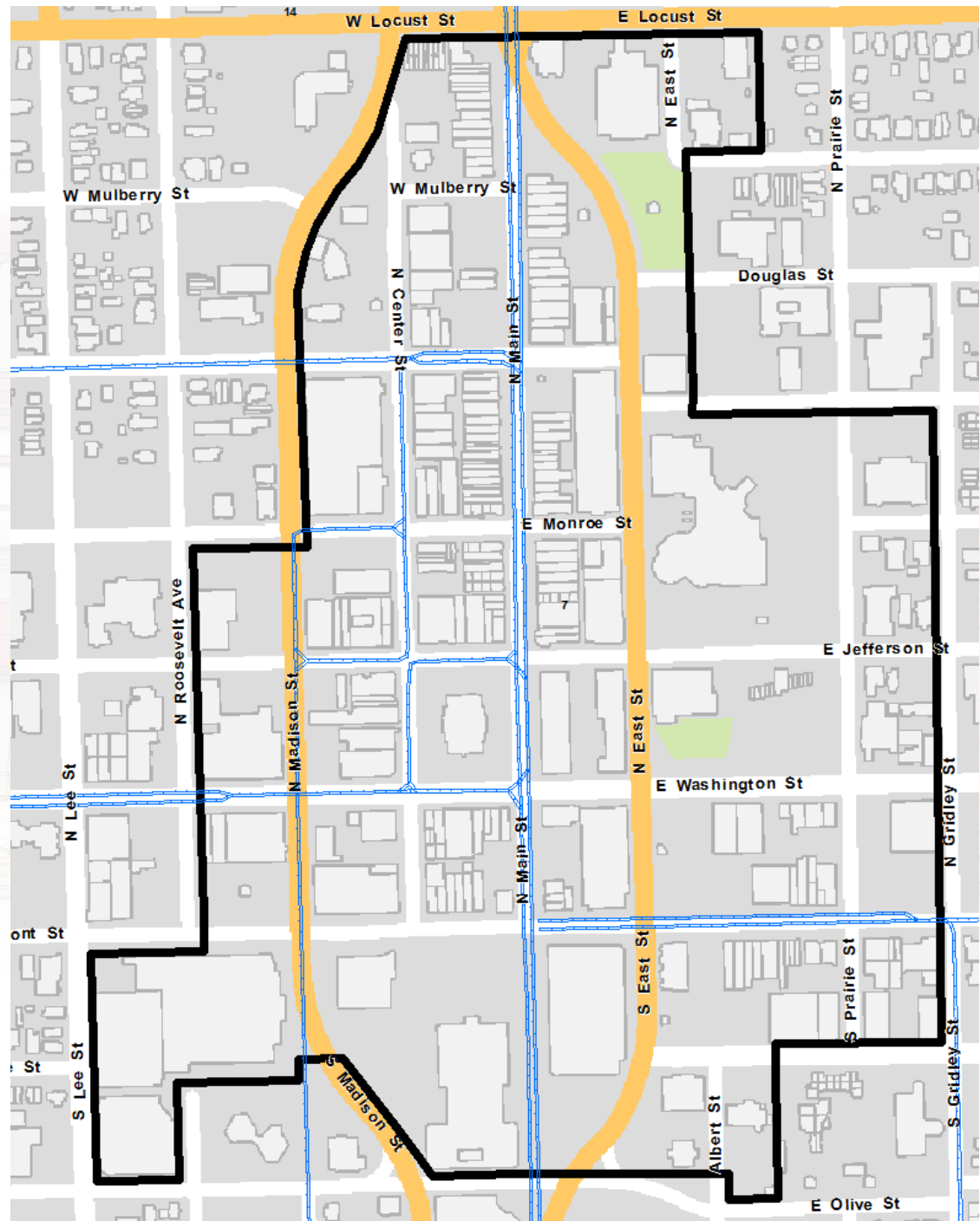
Downtown Conduit

- 4,405 ft. lined
- 2,537 ft. lining planned for FY 18
- 6,661 ft. lining planned in the future



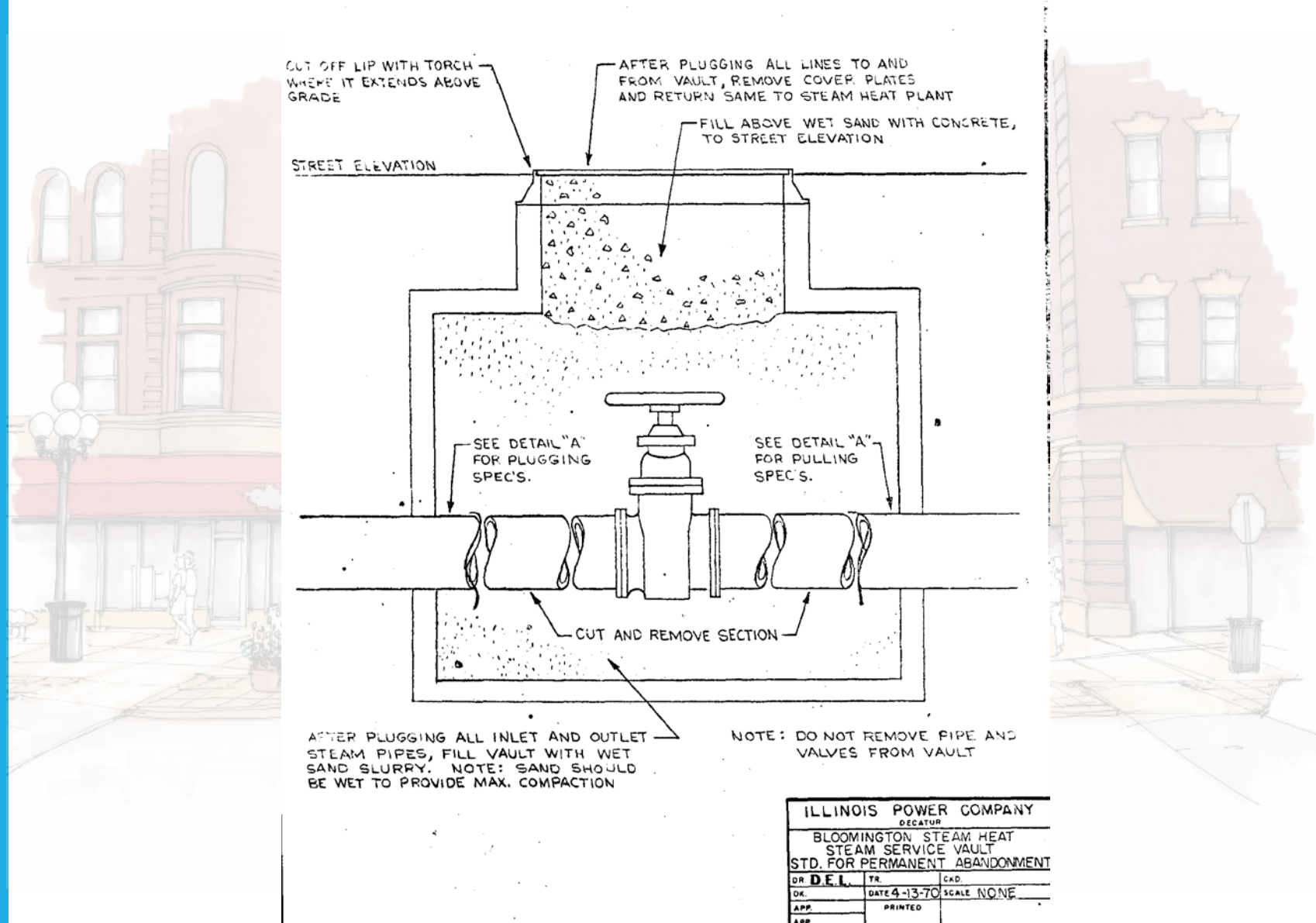
Other Downtown Underground Infrastructure

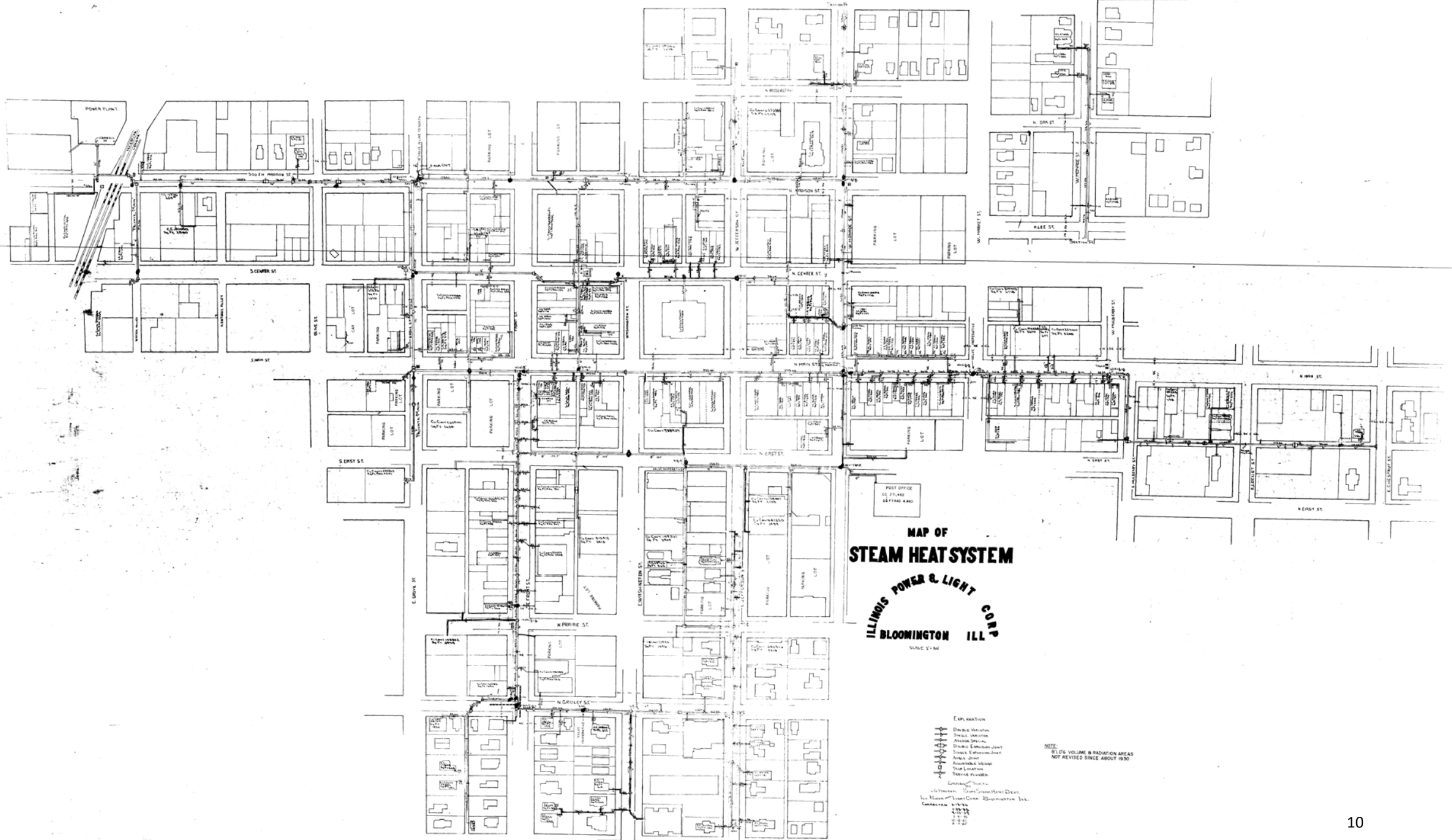
- Streetcar Rails



Other Downtown Underground Infrastructure

- Streetcar Rails
- Steam





**MAP OF
STEAM HEAT SYSTEM**
ILLINOIS POWER & LIGHT CORP
BLOOMINGTON ILL
SCALE 1" = 40'

- EXPLANATION**
- Double Valve
 - Single Valve
 - Air Valve
 - Double Emission Joint
 - Single Emission Joint
 - Angle Joint
 - Radiating Valve
 - Stop Location
 - Service Plugged

NOTE:
R.L.G. VOLUME & RADIATION AREAS
NOT REVISED SINCE ABOUT 1930

CHECKED BY:
G. H. HANCOCK 1/17/30
L. H. HANCOCK 1/17/30
C. H. HANCOCK 1/17/30
J. H. HANCOCK 1/17/30

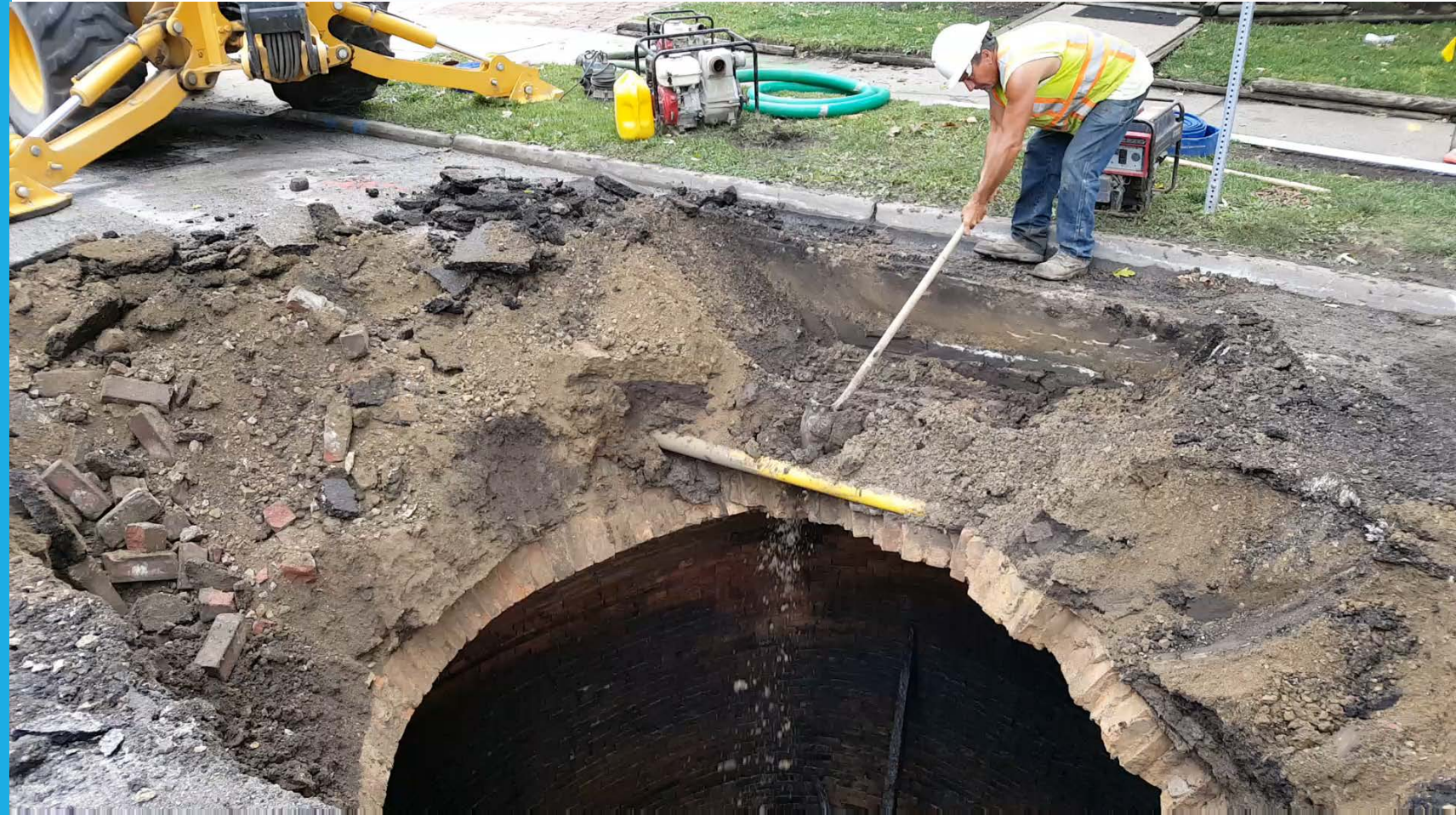
Other Downtown Underground Infrastructure

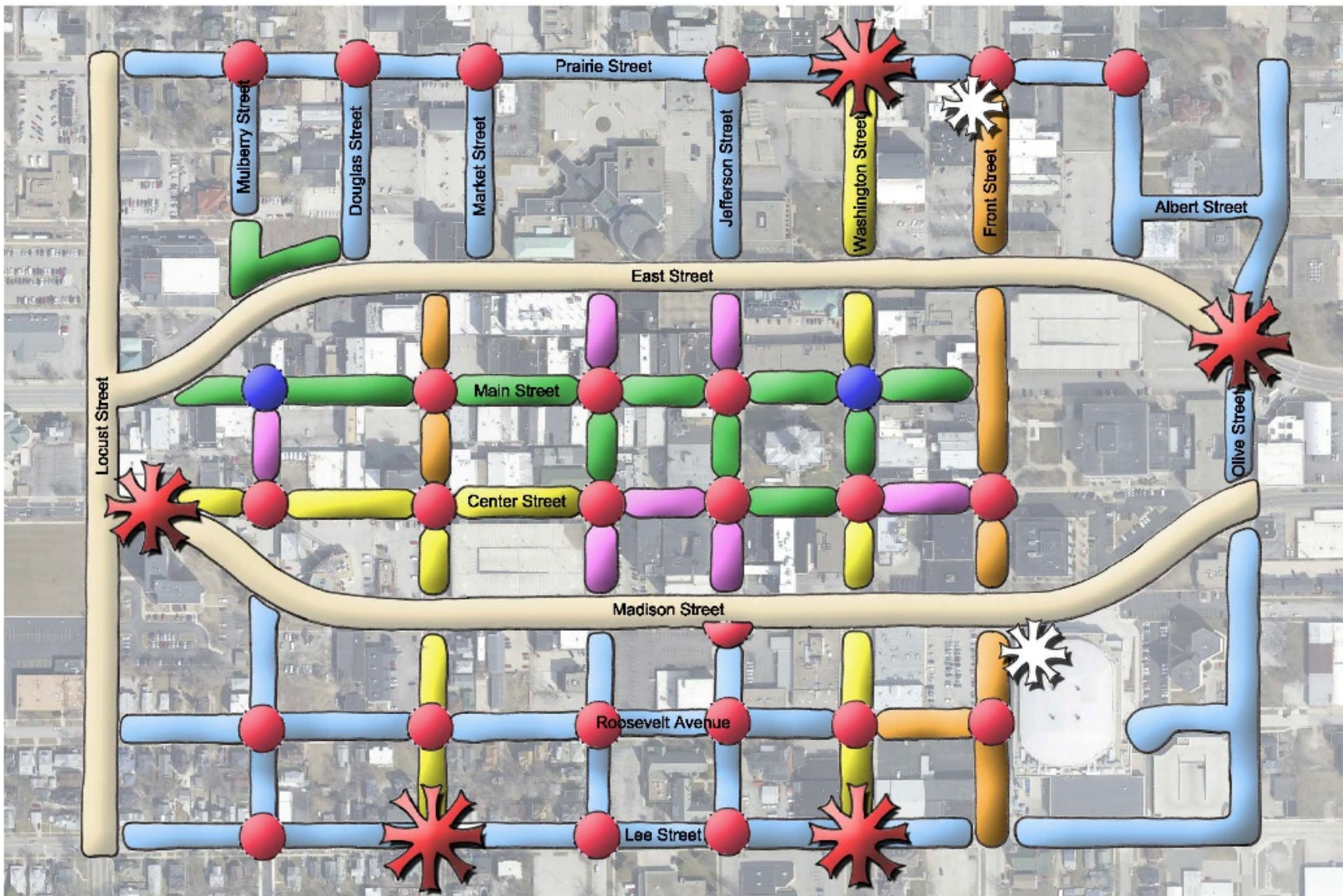
- Streetcar Rails
- Steam
- Vaults













Other Downtown Underground Infrastructure

- Streetcar Rails
- Steam
- Vaults
- Fire Department Water Cisterns
- Sanitary Sewer
- Storm Water
- Water
- Natural Gas





Legend

-  Downtown Gateway Opportunities
-  Potential Intersection "Bump Outs"
-  IDOT R.O.W.
-  Gateway Streetscape
-  High-Visibility Streetscape
-  Existing Downtown Streetscape
-  Proposed Downtown Streetscape
-  Proposed Downtown Periphery Streetscape
-  Existing Intersection "Bump Outs"
-  Proposed Kiosk Sign

Draft Downtown Streetscape Master Plan

FY 19 Proposed Resurfacing

Jefferson Street	Resurfacing Estimated Cost
(East to Madison)	\$ 130,000.00
Front Street	Resurfacing Estimated Cost
(East to Madison)	\$ 160,000.00
Construction Cost Total	\$ 290,000.00

FY 19 Proposed Streetscape

Jefferson Street	Overall Estimated Cost in Streetscape Plan	Electrical Estimated Cost
(East to Main)	\$ 104,820.00	\$ 56,820.00
(Main to Center)	\$ 3,800.00	\$ -
(Center to Madison)	\$ 132,250.00	\$ 69,830.00
Front Street	Overall Estimated Cost in Streetscape Plan	Electrical Estimated Cost
(East to Main)	\$ 97,937.00	\$ 49,437.00
(Main to Center)	\$ 130,320.00	\$ 75,220.00
(Center to Madison)	\$ 149,815.00	\$ 90,015.00
2014 Construction Cost Total*	\$ 618,942.00	\$ 341,322.00
2016 Construction Cost Total**	\$ 637,510.26	\$ 351,561.66
Design***	\$ 95,626.54	\$ 52,734.25
Design Budget for FY 2019	\$ 95,000.00	

*All costs taken from the 2014 Downtown Streetscape Lighting Master Plan. Resurfacing costs are not included.

**Costs were inflated by 6% to account for cost increases in materials and labor.

***Design is assumed to be 15% of construction costs.

FY 19 to FY 21 Proposed Downtown Wayfinding Signage Expenses and Revenues

EXPENSES	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
CONSTRUCTION	\$ 250,000.00	\$ 250,000.00	\$ 250,000.00	\$ -	\$ -	\$ 750,000.00
TOTAL	\$ 250,000.00	\$ 250,000.00	\$ 250,000.00	\$ -	\$ -	\$ 750,000.00

REVENUES	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	TOTAL
CAPITAL IMPROVEMENT	\$ 250,000.00	\$ 250,000.00	\$ 250,000.00	\$ -	\$ -	\$ 750,000.00
TOTAL REVENUES	\$ 250,000.00	\$ 250,000.00	\$ 250,000.00	\$ -	\$ -	\$ 750,000.00