

**E WILSON ST AND E DOTY ST RECONSTRUCTION ASSESSMENT DISTRICT - 2023**

**Project Engineer** Fadi El Musa Gonzalez, email: felmusagonzalez@cityofmadison.com

**Project Limits** E Wilson St from MLK Blvd to S Franklin St  
E Doty St from MLK Blvd to King St

Alder: Michael Verveer (district 4)

**E Wilson St and E Doty St**

	<b>Existing</b>	<b>Proposed</b>
<b>Project Type: Street Reconstruction</b>		
Last Surfaced (E Wilson)	1982 west of King, 2002 east of King	Reconstruction
Last Surfaced (E Doty)	2000 west of Pinckney, 1989 east of Pinckney	Reconstruction
Pavement Rating (E Wilson)	4 west of King, 6 east of King	New Pavement
Pavement Rating (E Doty)	4	New Pavement
Curb Rating (E Wilson)	6 & 7	Full Replacement
Curb Rating (E Doty)	5	Spot Replacement
Width (E Wilson)	40' west of King, 68' east of King	29' west of King, 56' King to Hancock, 54' Hancock to Franklin
Width (E Doty)	44'	44' west of Pinckney, 45' east of Pinckney
Surface Type	Asphalt	Asphalt
Traffic Mitigation	None	None
Bicycle Facility (E Wilson)	None	2-way off-street cycle track along south side
Bicycle Facility (E Doty)	on-street bike lane	on-street buffered bike lane

**Sidewalk, Terraces, & Driveways**

Sidewalks	Both Sides along E Wilson and E Doty	Spot replace or as needed to replace sewer lateral
Terraces (E Wilson)	width varies between 6' and 7' west of King, 3' east of King, majority is concrete	width varies, minimum of 3' fronting 101 E Wilson, surface will remain concrete
Terraces (E Doty)	width is 6', surface is concrete	terrace size will remain as is except along the north side, east of Pinckney, new width will be 5'
Driveways	Concrete	Concrete

**Storm Sewer**

	<b>Existing</b>	<b>Proposed</b>
Size, Material, and Year (E Wilson)	12" RCP (2018) and 12" clay (1957) from MLK to Pinckney, 12" RCP (1995) and 12" clay (1955) from Pinckney to King, 27" RCP (1980) from Butler to Hancock, none from Hancock to Franklin	relocate inlets as needed to match new curb and gutter location
Size, Material, and Year (E Doty)	none from MLK to Pinckney, 15 RCP (2013) Pinckney to King	relocate inlets at the Doty/ Pinckney intersection

**Sanitary Sewer**

	<b>Existing</b>	<b>Proposed</b>
Size, Material, and Year (E Wilson)	8" PVC (2018) from MLK to Pinckney, 6" clay (1906) from Pinckney to King, 10" PVC (2003) from Butler to Hancock, 8" clay (1907) from Hancock to Franklin	replace main from Pinckney to King and from Hancock to Franklin
Size, Material, and Year (E Doty)	6" clay (1911)	replace all clay mains

**Water Main**

	<b>Existing</b>	<b>Proposed</b>
Size, Material, and Year (E Wilson)	Dual main - 16" Ductile Iron (1995) and 8" Cast Iron (1882) from MLK to Hancock, single main - 8" Cast Iron (1882) from Hancock to Franklin	disconnect services from old main and reconnect to newer main from MLK to Hancock, replace main from Hancock to Franklin
Size, Material, and Year (E Doty)	Dual main - 10" Cast Iron (1923) and 4" Cast Iron (1882)	disconnect services from old main and reconnect to newer main, no main replacement

Parking	Existing	Proposed
E Wilson	on-street parking along both sides of the street	removing on-street parking from King to Franklin along the south side only and along the frontage of 29 E Wilson
E Doty	on-street parking along both sides of the street	no changes

### Street Lighting

Existing streetlights will be replaced. New pedestrian scale lighting will be installed mid-block and replaced where existing.

### Traffic Signals

Traffic Signal infrastructure and equipment at Wilson/King/Butler intersection will be replaced. Add rectangular rapid flashing beacon (RRFB) at the E Doty and S Pinckney intersection

### Pavement Markings

Pavement markings will be installed along the new paved sections within the project limits, along W Wilson St from S Carroll to MLK Blvd to connect the existing end of the on-street cycle track to the new off-street cycle track, along W Doty St from S Hamilton to MLK Blvd, and along S Webster St from King to E Main.

### Land Purchases

None

### Trees

10 trees in total are expected to be removed during this project. 4 removals are due to condition and 6 are due to construction activities or to replace for better tree. Engineering & Forestry will coordinate to try to improve planting conditions for new street tree plantings. New street trees within a concrete terrace will include terrace support systems.

### Tree Removal Locations

Condition removal	Construction removal
5" Lilac, 235 King St (along E Wilson)	4" Boxelder Shrub, 235 King St (along E
9" Locust, 215 MLK Blvd (along E Doty)	8" Elm, 235 King St (along E Wilson)
2" Locust, 215 MLK Blvd (along E Wilson)	6" Elm, 235 King St (along E Wilson)
5" Elm, 215 MLK Blvd (along E Wilson)	2" Oak, 235 King St (along E Wilson)
	3" Oak, 235 King St (along E Wilson)
	3" Boxelder Shrub, 235 King St (along E Wilson)

Assessment Policy	Property Owner Share	City Share
10' of Pavement Replacement*	100%	0%
All other Pavement Replacement	0%	100%
New cycle track	0%	100%
Driveway Apron Replacement	50%	50%
Sidewalk Replacement	0%	100%
Curb & Gutter Replacement	0%	100%
Sanitary Sewer Main	0%	100%
Sanitary Laterals to Property Line	25%	75%
Storm Sewer Main Replacement	0%	100%
Private Storm Connections, new or existing	100%	0%
Water Main & Services Replacement	0%	100%
Street Tree Removals & Plantings	0%	100%
Street and Ped Scale Lights Replacement	0%	100%
Ped Scale Lights New Installation	100%	0%
Traffic Signals replacement	0%	100%

\*Pavement replacement assessed per linear ft. of frontage

### Schedule

Advertise for bids	February 2024
Anticipated Construction Start	May 2024
Approximate Duration	Approx. 5 months

### Costs

Total Cost: \$4,220,000.00  
 Assessments: \$393,665.91  
 City Engineering Cost: \$3,826,334.09

PROJECT LIMITS SHOWN IN RED

