



City of Franklin, Tennessee

FY 2017 - FY 2026 Capital Investment Plan (CIP)

Water Management

Mark Hilty, Director



City of Franklin, Tennessee: FY 2017 - FY 2026 CIP **Water Management**

Outline

- CIP Classifications
- CIP Prioritization
- Discussion of Key and Strategic CIPs
- Questions and Discussion



City of Franklin, Tennessee: FY 2017 - FY 2026 CIP

Water Management

CIP Classifications

- Water Renewal
- Water Capacity
- Wastewater Renewal
- Wastewater Capacity



City of Franklin, Tennessee: FY 2017 - FY 2026 CIP

Water Management

CIP Prioritization

- Operations and Maintenance Information
 - Structural Repairs
 - Infiltration and Inflow
 - Root Intrusion
 - Etc.
- CIP Prioritization Score Sheet
 - A Safe Clean and Livable City
 - An Effective and Fiscally Sound City Government Providing High Quality Service
 - Quality Life Experiences
 - Sustainable Growth and Economic Prosperity
 - Projects Not Prioritized by Water Management



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City of Franklin, Tennessee: FY 2017 - FY 2026 CIP

Water Management

Water Renewal	Proj. No.	Prioritization Form	TOTAL
Old Carters Creek Pike Water Line	WM16003	4 Star	\$ 480,000
Thompson Alley Infrastructure Improvements	WM16039	4 Star	\$ 55,000
West Main Infrastructure Improvements	WM16042	4 Star	\$ 2,650,000
Adams Street Infrastructure Improvements	WM16005	4 Star	\$ 510,000
Church Street Infrastructure Improvements	WM16012	4 Star	\$ 300,000
Forrest Street Infrastructure	WM16017	4 Star	\$ 145,000
Gist Street Infrastructure Improvements	WM16020	4 Star	\$ 150,000
		TOTAL	\$ 4,290,000
Water Renewal	Proj. No.	Prioritization Form	TOTAL
West End Circle Infrastructure Improvements	WM16041	3 Star	\$ 127,000
Battle Avenue Infrastructure Replacement	WM16008	3 Star	\$ 665,000
Buckworth Infrastructure Improvements	WM16011	3 Star	\$ 100,000
James and Avondale Infrastructure Improvements	WM16024	3 Star	\$ 500,000
Alicia Drive Water Line Replacement	WM16007	3 Star	\$ 100,000
Bobby Drive Water Line Replacement	WM16010	3 Star	\$ 855,000
Eastview Circle Infrastructure Improvements	WM16014	3 Star	\$ 333,000
		TOTAL	\$ 2,680,000

Water Renewal	Proj. No.	Prioritization Form	TOTAL
Murfreesboro Rd Water line Replacement	WM16030	2 Star	\$ 742,500
Glass Lane Water Line Replacement	WM16021	2 Star	\$ 255,000
Westview Apt Water Line Replacement (510 96W)	WM16022	2 Star	\$ 110,000
Lewisburg Pike Water Line Replacement	WM16026	2 Star	\$ 120,000
Scruggs Avenue Water Line Replacement	WM16036	2 Star	\$ 195,000
16" Water Line Long Lane Connector	WM16001	2 Star	\$ 1,085,000
Highway 96W Water Line Replacement	WM16040	2 Star	\$ 258,000
		TOTAL	\$ 2,765,500
Water Renewal	Proj. No.	Prioritization Form	TOTAL
Grassland Tank Demolition	WM16013	1 Star	\$ 270,000
Water Line from Fourth Ave S to Berry Circle	WM16018	1 Star	\$ 93,000
Liberty Pike water line replacement	WM16027	1 Star	\$ 355,000
Manley Lane dead end removal	WM16028	1 Star	\$ 495,000
Lee Drive Water Line Replacement	WM16025	1 Star	\$ 215,000
Morning Side Drive	WM16029	1 Star	\$ 110,000
Old Hillsboro Rd Water Line	WM16032	1 Star	\$ 375,000
		TOTAL	\$ 1,913,000



City of Franklin, Tennessee: FY 2017 - FY 2026 CIP

Water Management

Wastewater Renewal	Proj. No.	Prioritization Form	TOTAL
Thompson Alley Infrastructure Improvements	WM16039	4 Star	\$ 60,000
West Main Infrastructure Improvements	WM16042	4 Star	\$ 3,250,000
Sanitary Sewer Rehab Btwn Strahl & W. Fowlkes	WM16034	4 Star	\$ 30,000
Adams Street Infrastructure Improvements	WM16005	4 Star	\$ 810,000
Berry Circle Sanitary Sewer Line	WM16009	4 Star	\$ 25,000
Church Street Infrastructure Improvements	WM16012	4 Star	\$ 225,000
		TOTAL	\$ 4,400,000
Wastewater Renewal	Proj. No.	Prioritization Form	TOTAL
Forrest Street Infrastructure	WM16017	3 Star	\$ 217,500
Gist Street Infrastructure Improvements	WM16020	3 Star	\$ 250,000
New Hope Academy Sewer Line Replacement	WM16033	3 Star	\$ 50,000
West End Circle Infrastructure Improvements	WM16041	3 Star	\$ 75,000
Sewer Interceptor Point Repair Projects	WM16043	3 Star	\$ 2,000,000
		TOTAL	\$ 2,592,500

Wastewater Renewal	Proj. No.	Prioritization Form	TOTAL
Battle Avenue Infrastructure Replacement	WM16008	2 Star	\$ 1,285,000
South Prong Sanitary Sewer Upgrade	WM16037	2 Star	\$ 1,225,000
Spencer Creek Sanitary Sewer Replacement	WM16038	2 Star	\$ 1,770,000
Buckworth Infrastructure Improvements	WM16011	2 Star	\$ 20,000
Evans Street Sewer Improvements	WM16015	2 Star	\$ 452,500
		TOTAL	\$ 4,752,500
Wastewater Renewal	Proj. No.	Prioritization Form	TOTAL
Frazier Drive Sanitary Sewer Rehabilitation	WM16019	1 Star	\$ 50,000
James and Avondale Infrastructure Improvements	WM16024	1 Star	\$ 436,000
Eastview Circle Infrastructure Improvements	WM16014	1 Star	\$ 232,500
Forrest Crossing No1 forcemain rehab	WM16016	1 Star	\$ 110,000
Holiday Court Lift Station Rehabilitation	WM16023	1 Star	\$ 460,000
		TOTAL	\$ 1,288,500



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City of Franklin, Tennessee: FY 2017 - FY 2026 CIP

Water Management

Water Renewal	Proj. No.	Ops Rank	TOTAL
James and Avondale Infrastructure Improvements	WM16024	4 Star	\$ 500,000
Old Carters Creek Pike Water Line	WM16003	4 Star	\$ 480,000
Bobby Drive Water Line Replacement	WM16010	4 Star	\$ 855,000
West End Circle Infrastructure Improvements	WM16041	4 Star	\$ 127,000
16" Water Line Long Lane Connector	WM16001	4 Star	\$ 1,085,000
Thompson Alley Infrastructure Improvements	WM16039	4 Star	\$ 55,000
Adams Street Infrastructure Improvements	WM16005	4 Star	\$ 510,000
Franklin Road Improvements & Streetscape	ST16009	4 Star	\$ 311,300
West Main Infrastructure Improvements	WM16042	4 Star	\$ 2,650,000
		TOTAL	\$ 6,573,300
Water Renewal	Proj. No.	Ops Rank	TOTAL
Water Line from Fourth Ave S to Berry Circle	WM16018	3 Star	\$ 93,000
Church Street Infrastructure Improvements	WM16012	3 Star	\$ 300,000
S. Margin Infrastructure Upgrades (1st - Columbia)	ST16018	3 Star	\$ 294,690
Gist Street Infrastructure Improvements	WM16020	3 Star	\$ 150,000
Old Hillsboro Rd Water Line	WM16032	3 Star	\$ 375,000
Murfreesboro Rd Water line Replacement	WM16030	3 Star	\$ 742,500
Eastview Circle Infrastructure Improvements	WM16014	3 Star	\$ 333,000
Lee Drive Water Line Replacement	WM16025	3 Star	\$ 215,000
Beta Drive Extension	ST16010	3 Star	\$ 11,000
		TOTAL	\$ 2,514,190

Water Renewal	Proj. No.	Ops Rank	TOTAL
Glass Lane Water Line Replacement	WM16021	2 Star	\$ 255,000
Forrest Street Infrastructure	WM16017	2 Star	\$ 145,000
Lewisburg Pike Water Line Replacement	WM16026	2 Star	\$ 120,000
Alicia Drive Water Line Replacement	WM16007	2 Star	\$ 100,000
Battle Avenue Infrastructure Replacement	WM16008	2 Star	\$ 665,000
Buckworth Infrastructure Improvements	WM16011	2 Star	\$ 100,000
N Royal Oaks Blvd (Alexander Plaza to Liberty Pk)	ST16019	2 Star	\$ 313,500
Grassland Tank Demolition	WM16013	2 Star	\$ 270,000
		TOTAL	\$ 1,968,500
Water Renewal	Proj. No.	Ops Rank	TOTAL
Highway 96W Water Line Replacement	WM16040	1 Star	\$ 258,000
Manley Lane dead end removal	WM16028	1 Star	\$ 495,000
Liberty Pike water line replacement	WM16027	1 Star	\$ 355,000
Long Lane/Old Peytonsville Rd Connector at I-65	ST16017	1 Star	\$ 49,500
Scruggs Avenue Water Line Replacement	WM16036	1 Star	\$ 195,000
Morning Side Drive	WM16029	1 Star	\$ 110,000
Carothers Parkway Widening (Falcon Creek to SR-96)	ST16015	1 Star	\$ 330,000
Westview Apt Water Line Replacement (510 96W)	WM16022	1 Star	\$ 110,000
		TOTAL	\$ 1,902,500



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City of Franklin, Tennessee: FY 2017 - FY 2026 CIP

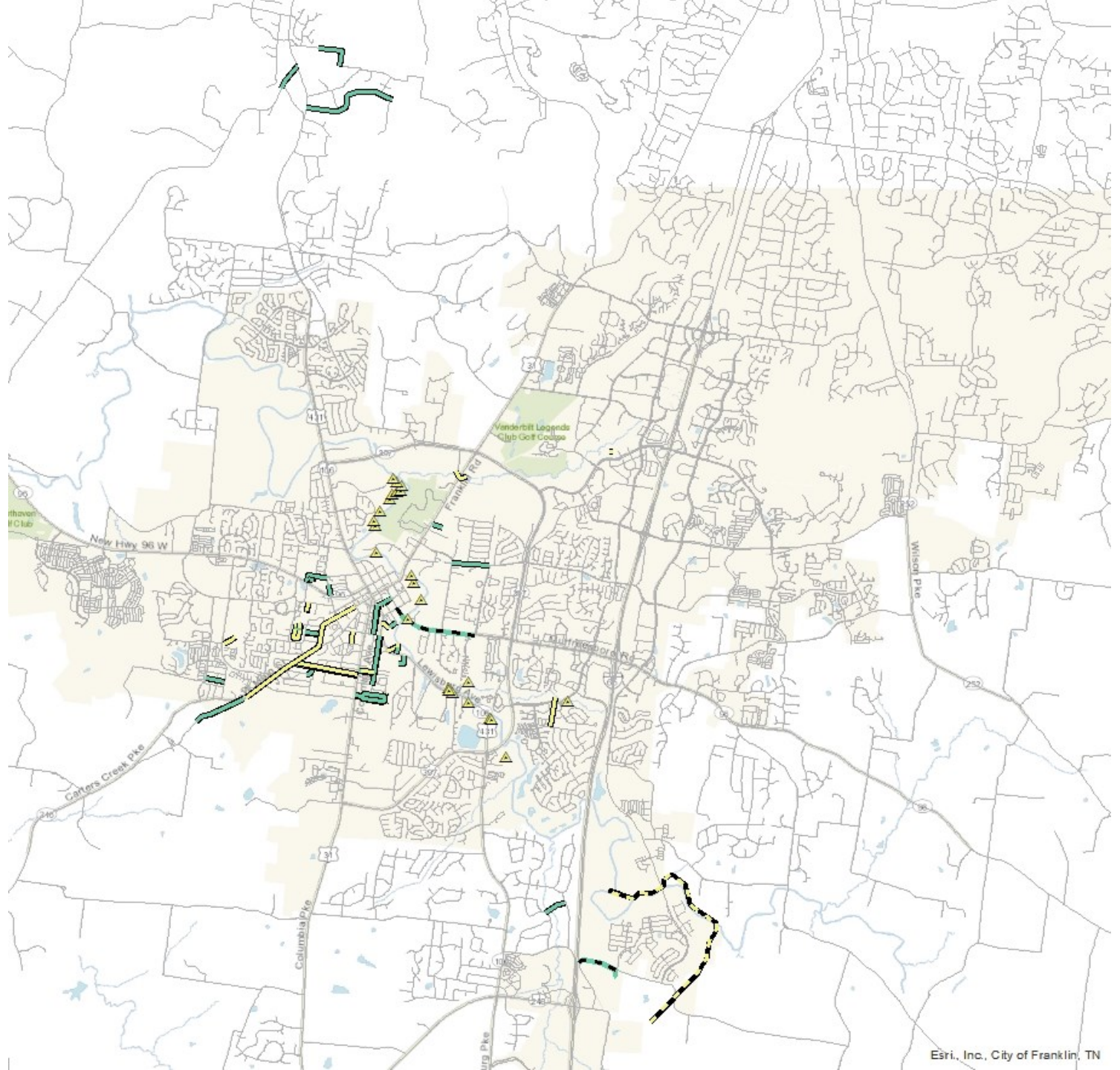
Water Management

Wastewater Renewal	Proj. No.	Ops Rank	TOTAL
Spencer Creek Sanitary Sewer Replacement	WM16038	4 Star	\$ 1,770,000
Sewer Interceptor Point Repair Projects	WM16043	4 Star	\$ 2,000,000
James and Avondale Infrastructure Improvements	WM16024	4 Star	\$ 436,000
Forrest Crossing No1 forcemain rehab	WM16016	4 Star	\$ 110,000
West End Circle Infrastructure Improvements	WM16041	4 Star	\$ 75,000
Thompson Alley Infrastructure Improvements	WM16039	4 Star	\$ 60,000
Frazier Drive Sanitary Sewer Rehabilitation	WM16019	4 Star	\$ 50,000
Adams Street Infrastructure Improvements	WM16005	4 Star	\$ 810,000
		TOTAL	\$ 5,311,000
Wastewater Renewal	Proj. No.	Ops Rank	TOTAL
Evans Street Sewer Improvements	WM16015	3 Star	\$ 452,500
Holiday Court Lift Station Rehabilitation	WM16023	3 Star	\$ 460,000
West Main Infrastructure Improvements	WM16042	3 Star	\$ 3,250,000
Franklin Road Improvements & Streetscape	ST16009	3 Star	\$ 78,000
New Hope Academy Sewer Line Replacement	WM16033	3 Star	\$ 50,000
Church Street Infrastructure Improvements	WM16012	3 Star	\$ 225,000
Berry Circle Sanitary Sewer Line	WM16009	3 Star	\$ 25,000
Mallory/N Royal Oaks & Liberty Intersection Imp.	ST16011	3 Star	\$ 112,600
		TOTAL	\$ 4,653,100

Wastewater Renewal	Proj. No.	Ops Rank	TOTAL
S. Margin Infrastructure Upgrades (1st - Columbia)	ST16018	2 Star	\$ 642,960
Gist Street Infrastructure Improvements	WM16020	2 Star	\$ 250,000
East McEwen Drive Improvements - Phase 4	ST16007	2 Star	\$ 359,700
Beta Drive Extension	ST16010	2 Star	\$ 36,000
Eastview Circle Infrastructure Improvements	WM16014	2 Star	\$ 232,500
South Prong Sanitary Sewer Upgrade	WM16037	2 Star	\$ 1,225,000
Forrest Street Infrastructure	WM16017	2 Star	\$ 217,500
		TOTAL	\$ 2,963,660
Wastewater Renewal	Proj. No.	Ops Rank	TOTAL
Battle Avenue Infrastructure Replacement	WM16008	1 Star	\$ 1,285,000
N Royal Oaks Blvd (Alexander Plaza to Liberty Pk)	ST16019	1 Star	\$ 179,280
Sanitary Sewer Rehab Btwn Strahl & W. Fowlkes	WM16034	1 Star	\$ 30,000
Buckworth Infrastructure Improvements	WM16011	1 Star	\$ 20,000
Long Lane/Old Peytonsville Rd Connector at I-65	ST16017	1 Star	\$ 97,500
Carothers Parkway Widening (Falcon Creek to SR-96)	ST16015	1 Star	\$ 720,000
Jordan Road Improvements	ST16006	1 Star	\$ 26,400
		TOTAL	\$ 2,358,180

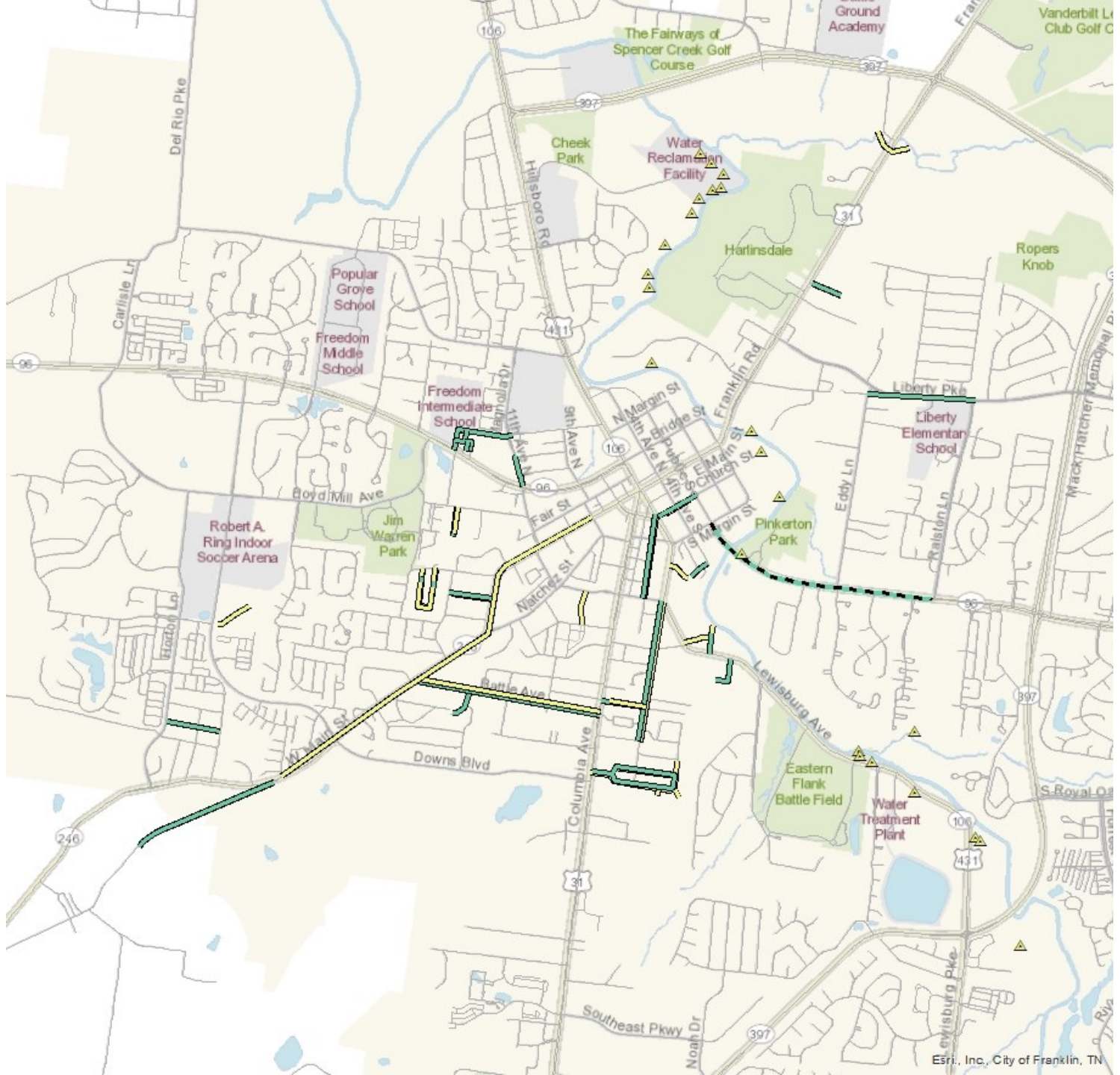


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City of Franklin, Tennessee: FY 2017 - FY 2026 CIP **Water Management**

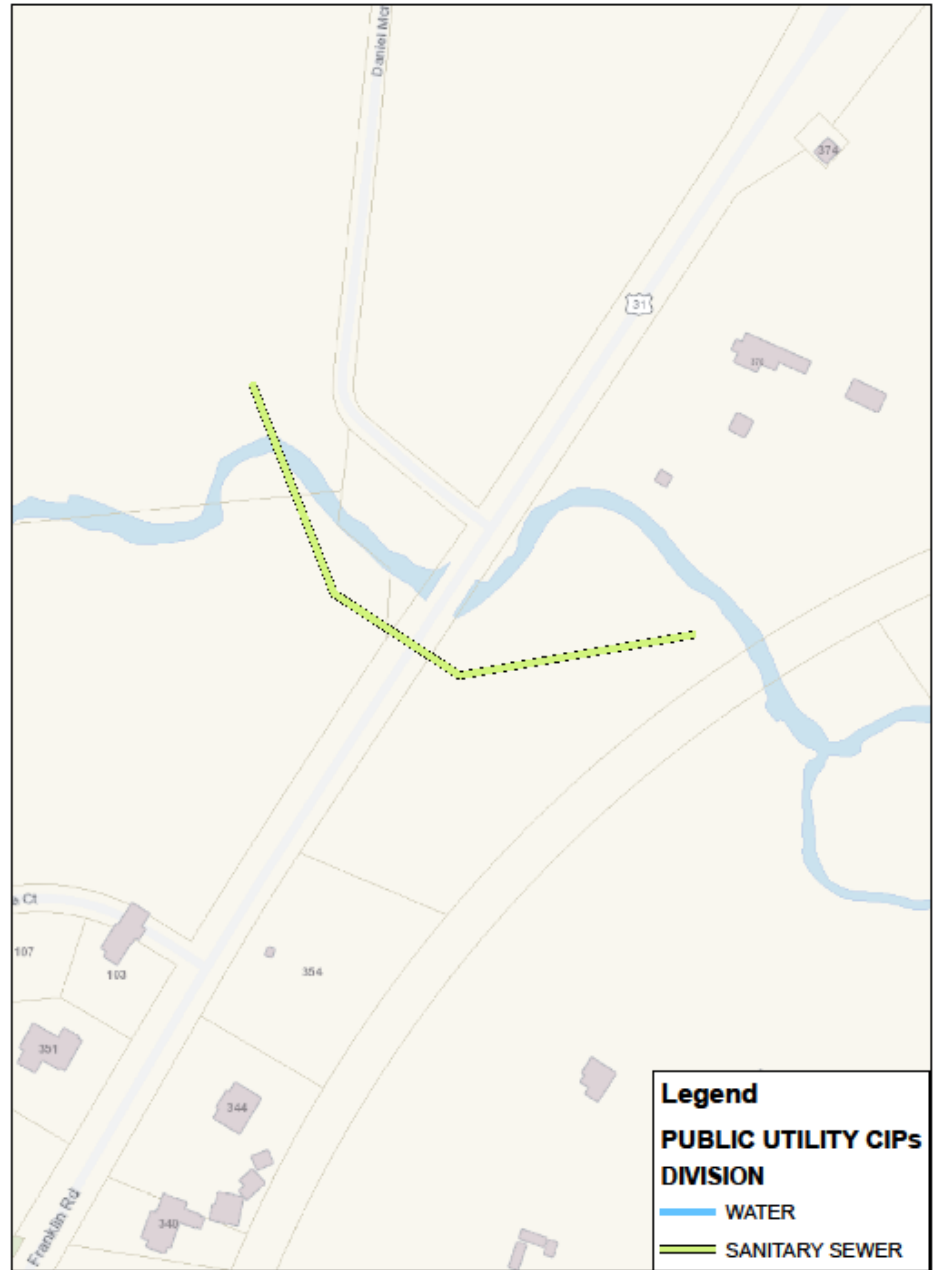
Key and Strategic Capital Improvements



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City of Franklin, Tennessee **Water Management:**

**FY 2017 - FY 2026 CIP
Wastewater Renewal
4 Star Project**



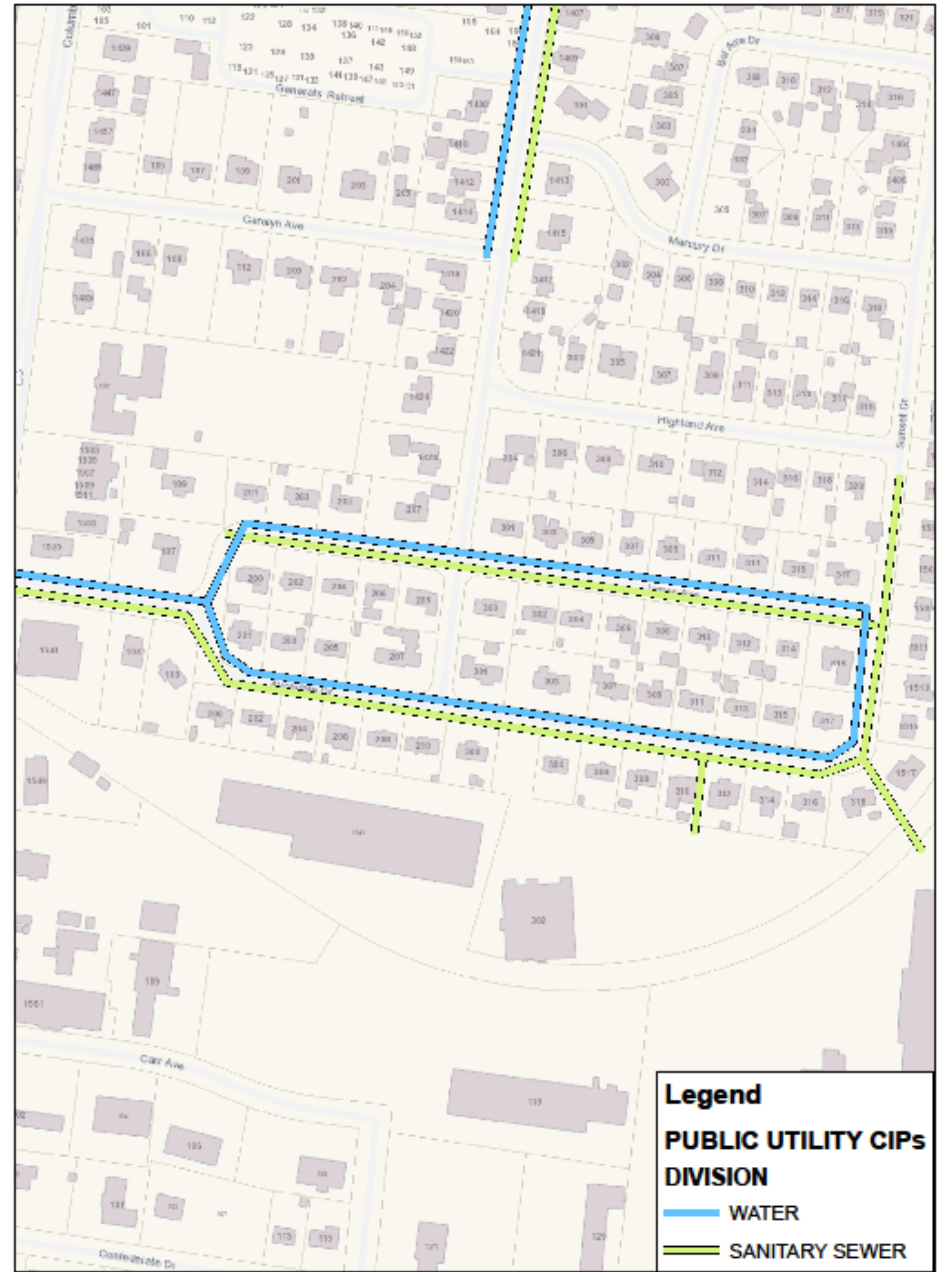
WM16038



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City of Franklin, Tennessee Water Management:

FY 2017 - FY 2026 CIP Wastewater Renewal 4 Star Project



WM16024



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City of Franklin, Tennessee **Water Management:**

FY 2017 - FY 2026 CIP
Wastewater Renewal
4 Star Project



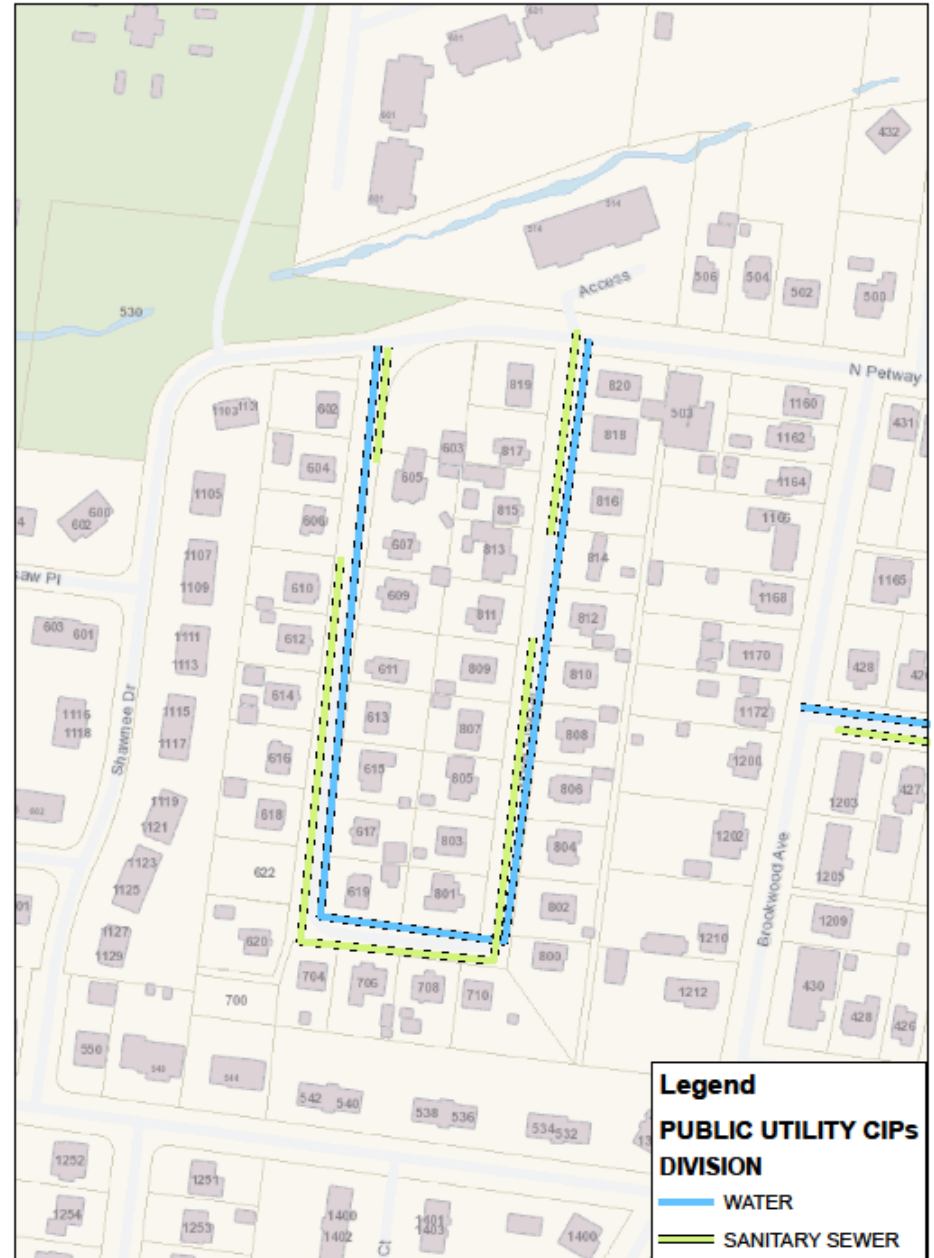
WM16016



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City of Franklin, Tennessee **Water Management:**

**FY 2017 - FY 2026 CIP
Wastewater Renewal
4 Star Project**



WM16041



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City of Franklin, Tennessee Water Management:

FY 2017 - FY 2026 CIP Wastewater Renewal 4 Star Project



WM16039



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City of Franklin, Tennessee **Water Management:**

FY 2017 - FY 2026 CIP
Wastewater Renewal
4 Star Project



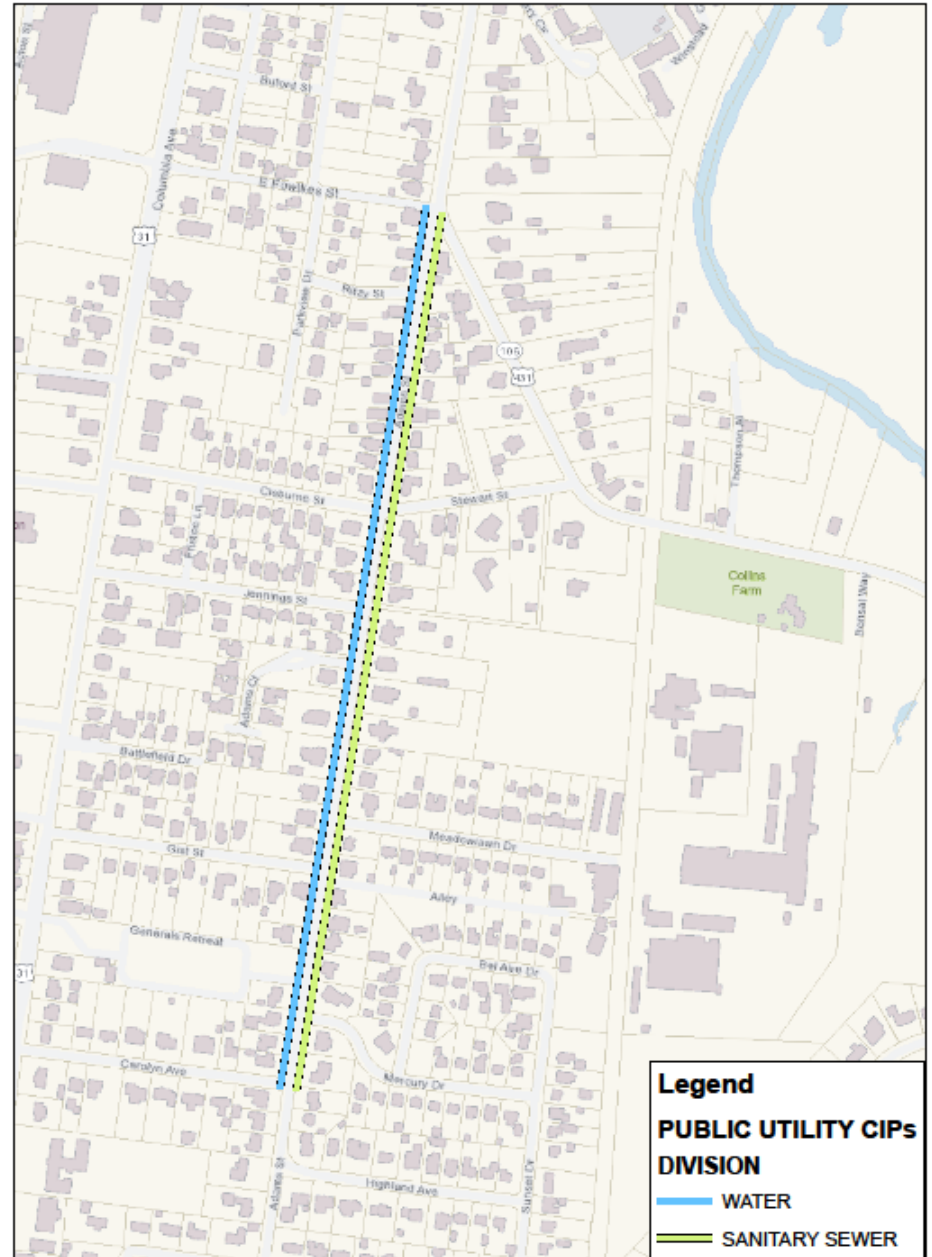
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City of Franklin, Tennessee Water Management:

FY 2017 - FY 2026 CIP Wastewater Renewal 4 Star Project



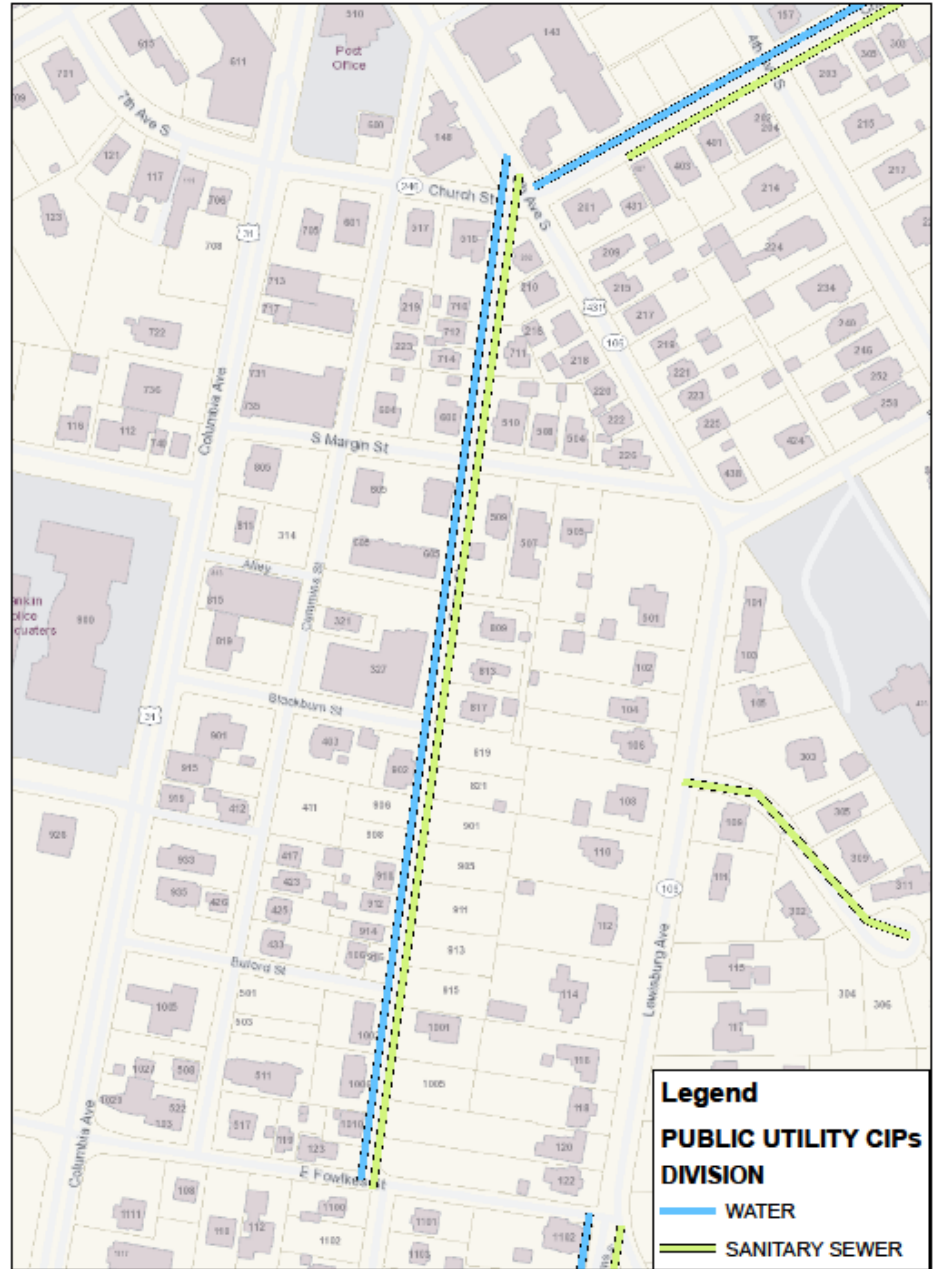
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City of Franklin, Tennessee Water Management:

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WM16015



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City of Franklin, Tennessee Water Management:

FY 2017 - FY 2026 CIP
Wastewater Renewal
3 Star Project



WM16023

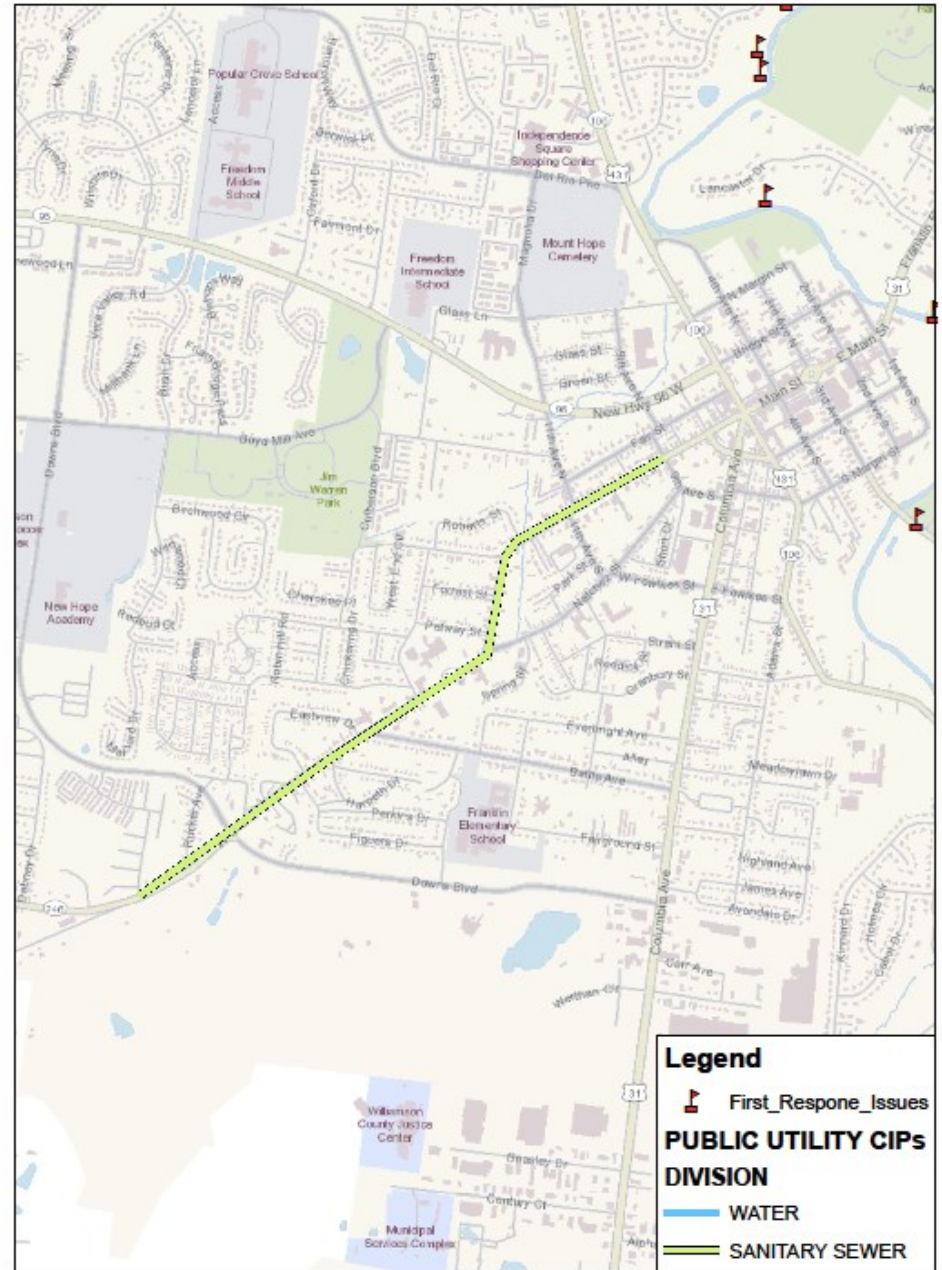


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City of Franklin, Tennessee

Water Management:

FY 2017 - FY 2026 CIP Wastewater Renewal 3 Star Project



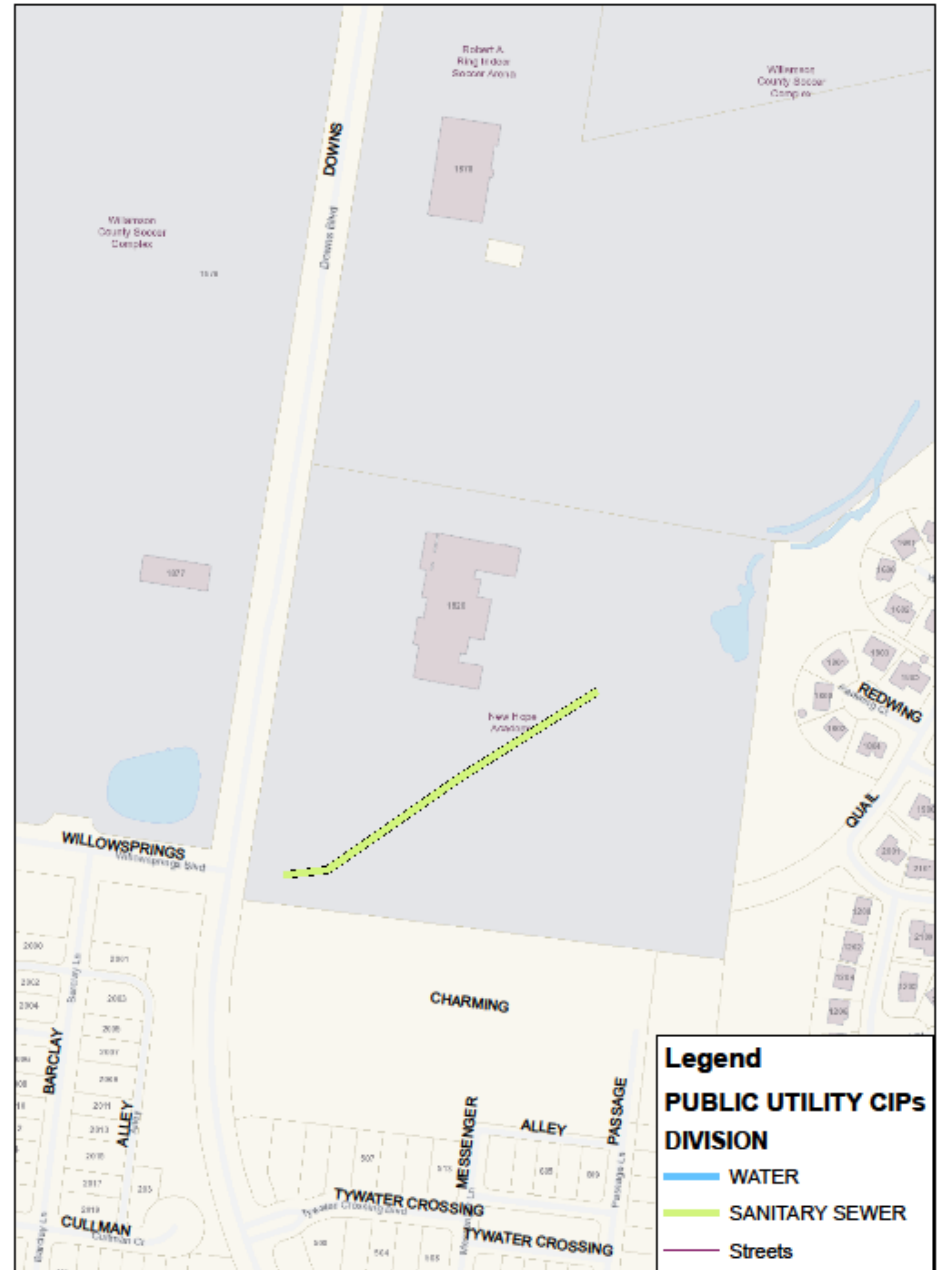
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City of Franklin, Tennessee Water Management:

FY 2017 - FY 2026 CIP Wastewater Renewal 3 Star Project



WM16033



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City of Franklin, Tennessee Water Management:

FY 2017 - FY 2026 CIP Wastewater Renewal 3 Star Project



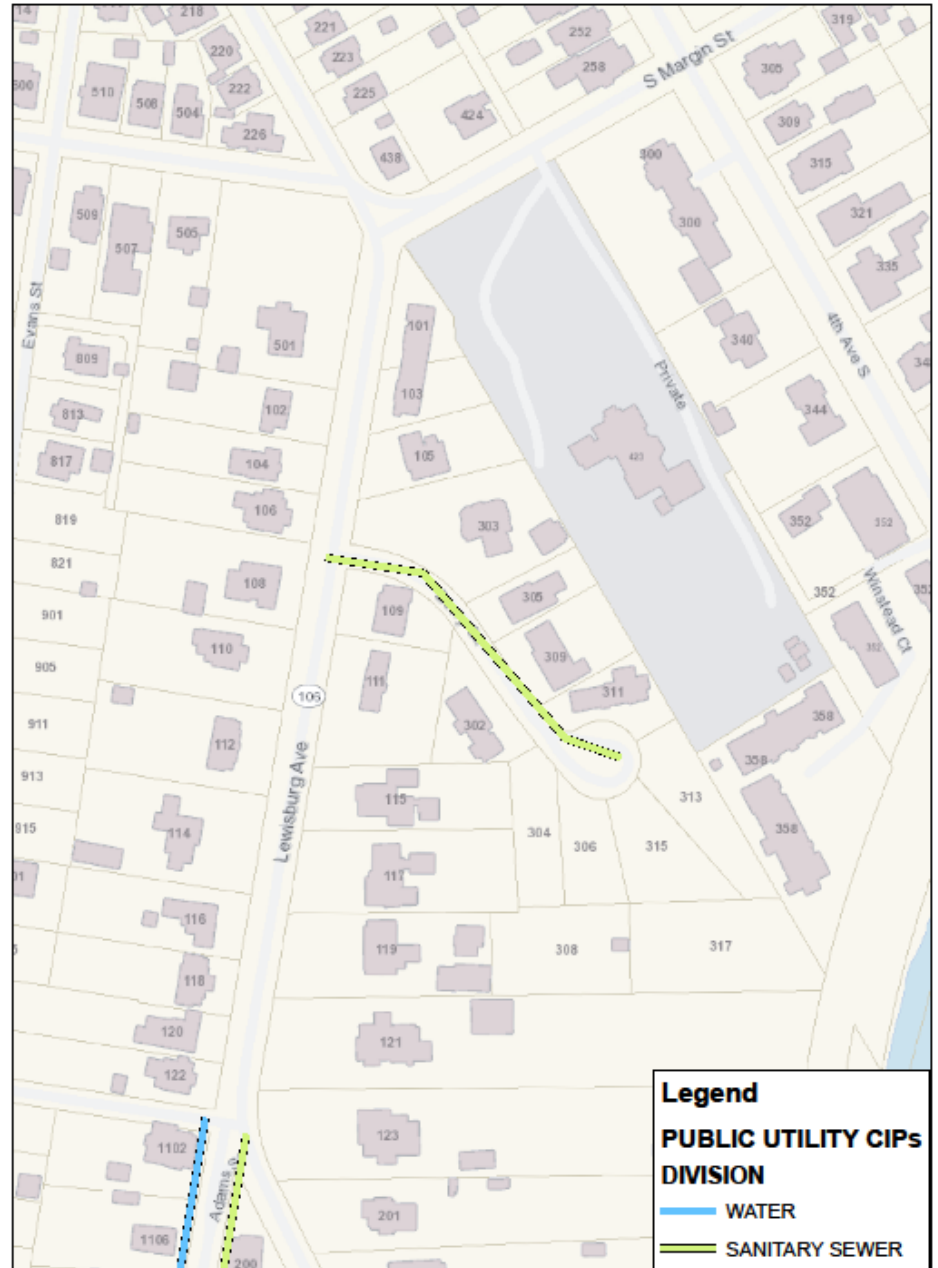
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City of Franklin, Tennessee **Water Management:**

**FY 2017 - FY 2026 CIP
Wastewater Renewal
3 Star Project**



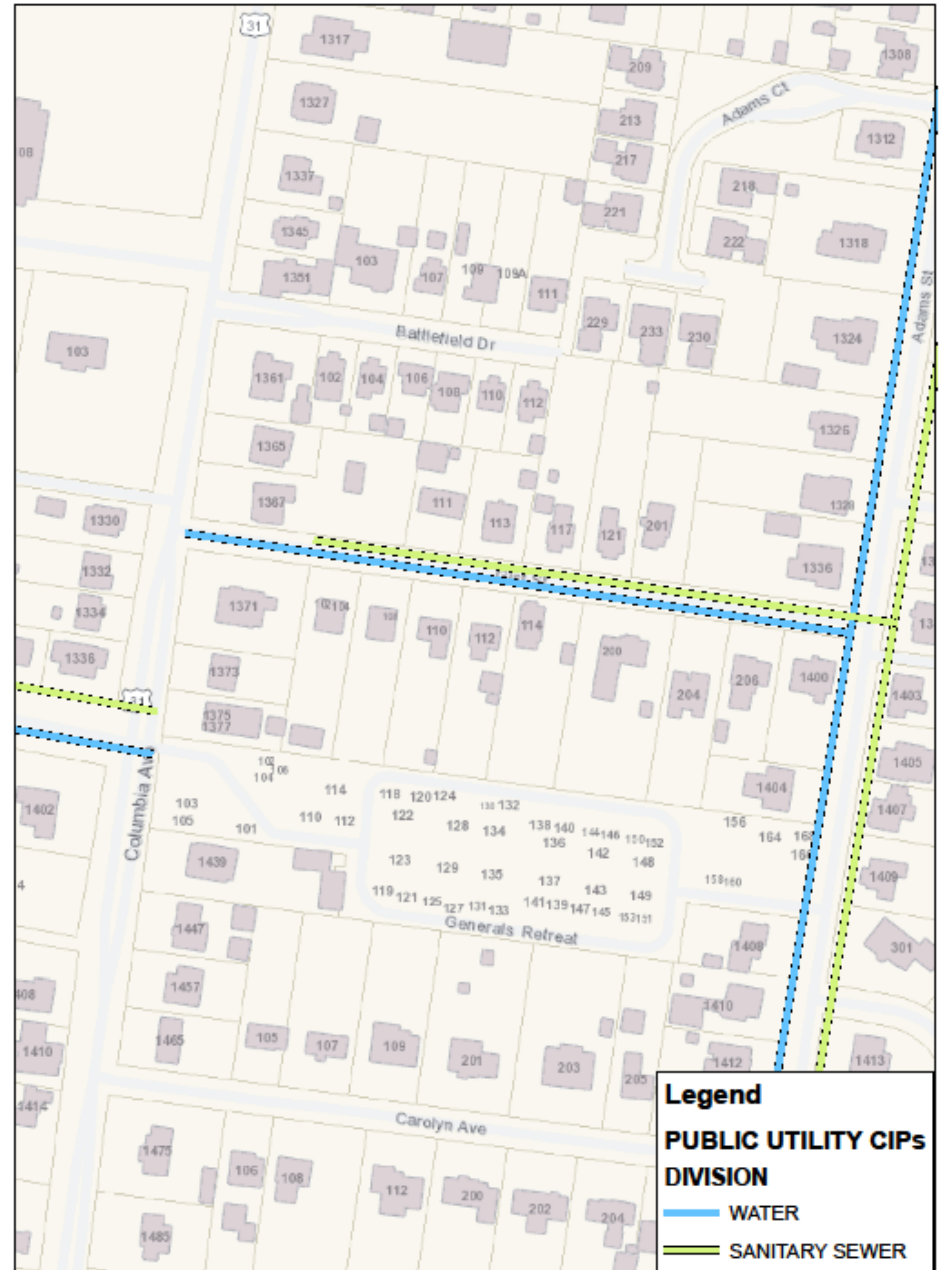
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City of Franklin, Tennessee Water Management:

FY 2017 - FY 2026 CIP Wastewater Renewal 2 Star Project



WM16020



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City of Franklin, Tennessee

Water Management:

FY 2017 - FY 2026 CIP

Wastewater Renewal

2 Star Project

WM16014



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City of Franklin, Tennessee

Water Management:

FY 2017 - FY 2026 CIP

Wastewater Renewal

2 Star Project

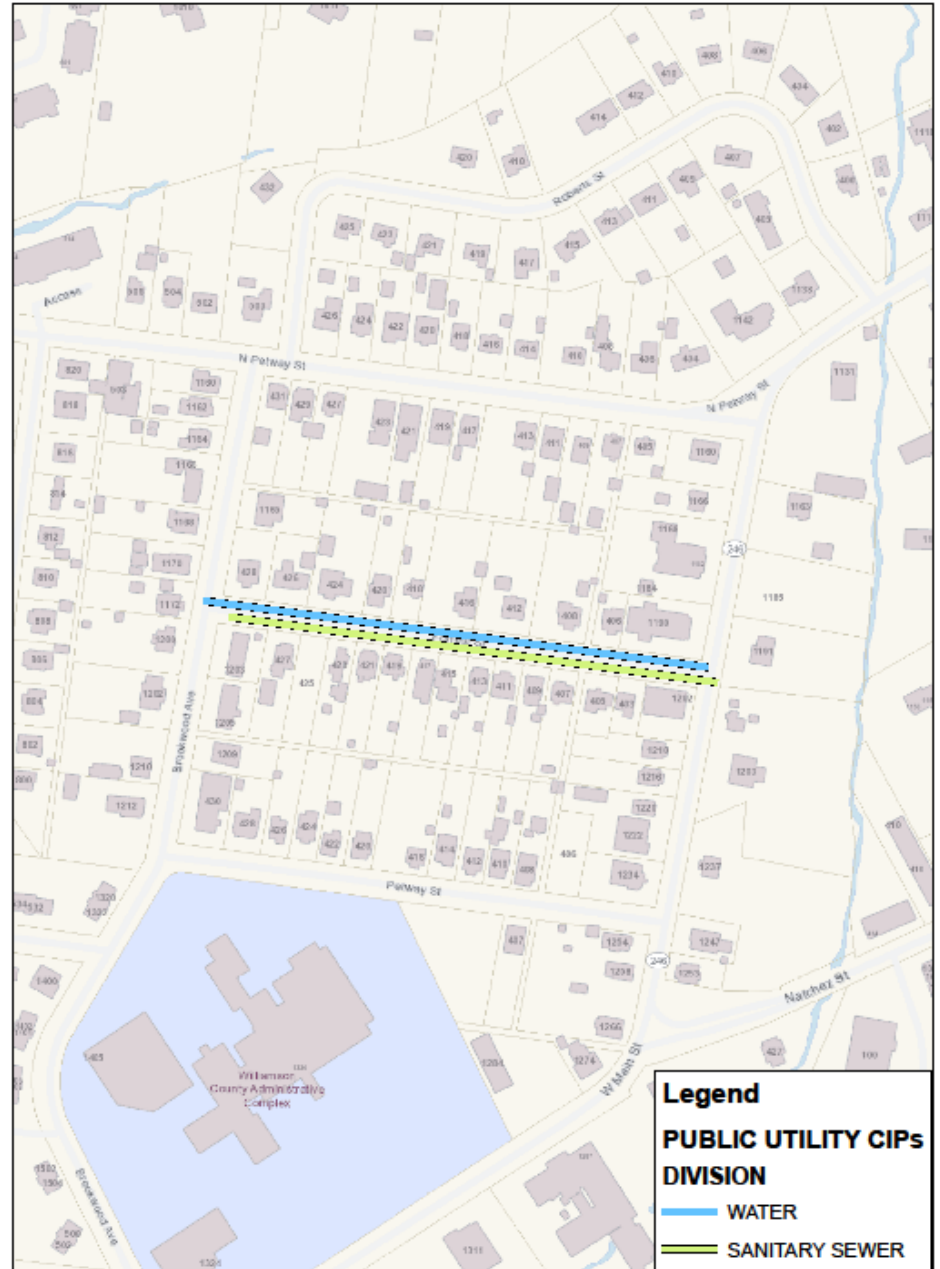
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FY 2017 - FY 2026 CIP Wastewater Renewal 2 Star Project



WM16017



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City of Franklin, Tennessee Water Management:

FY 2017 - FY 2026 CIP Wastewater Renewal 1 Star Project



WM16008



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City of Franklin, Tennessee Water Management:

FY 2017 - FY 2026 CIP Wastewater Renewal 1 Star Project



WM16034



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City of Franklin, Tennessee Water Management:

FY 2017 - FY 2026 CIP
Wastewater Renewal
1 Star Project



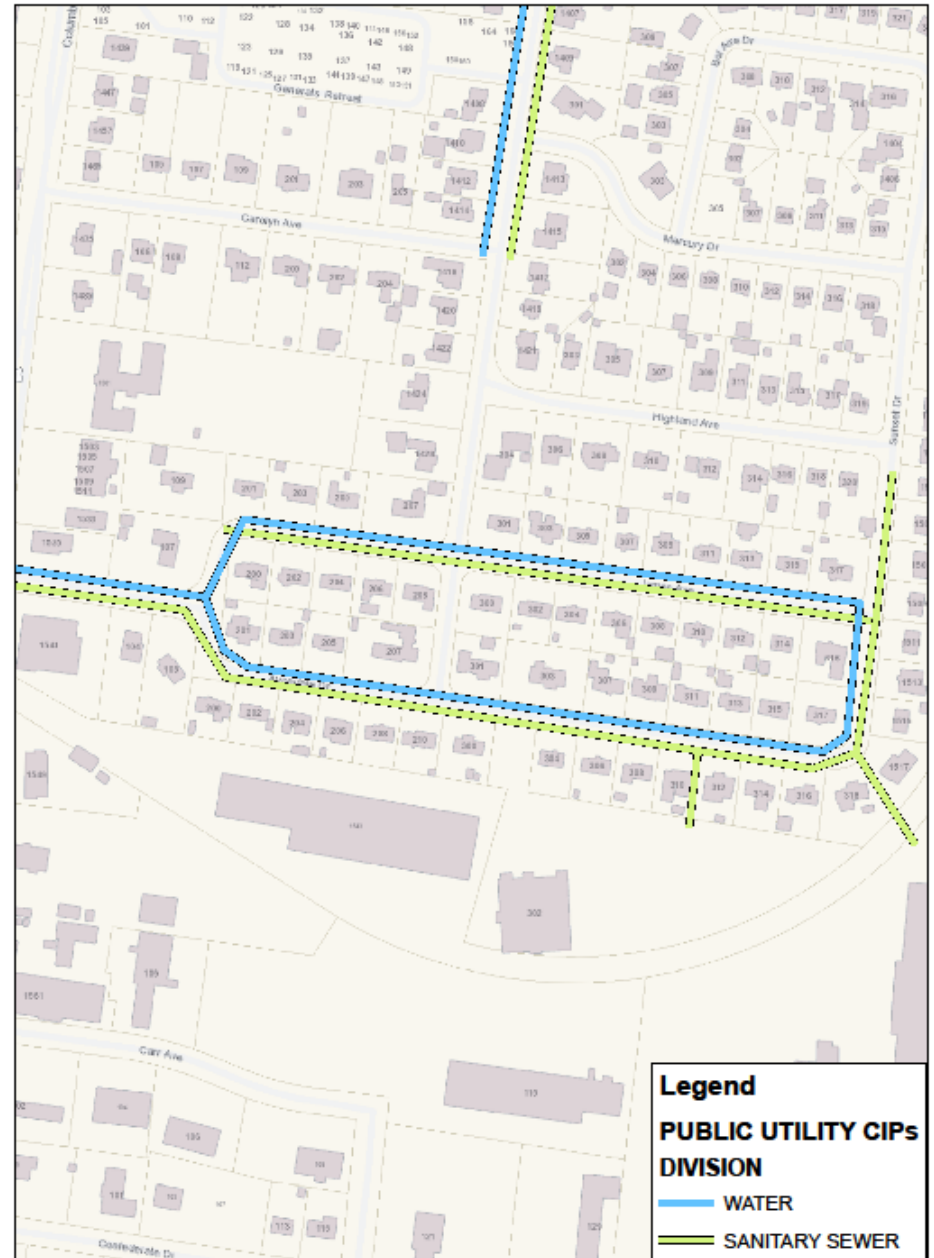
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City of Franklin, Tennessee Water Management:

FY 2017 - FY 2026 CIP
Water Renewal
4 Star Project



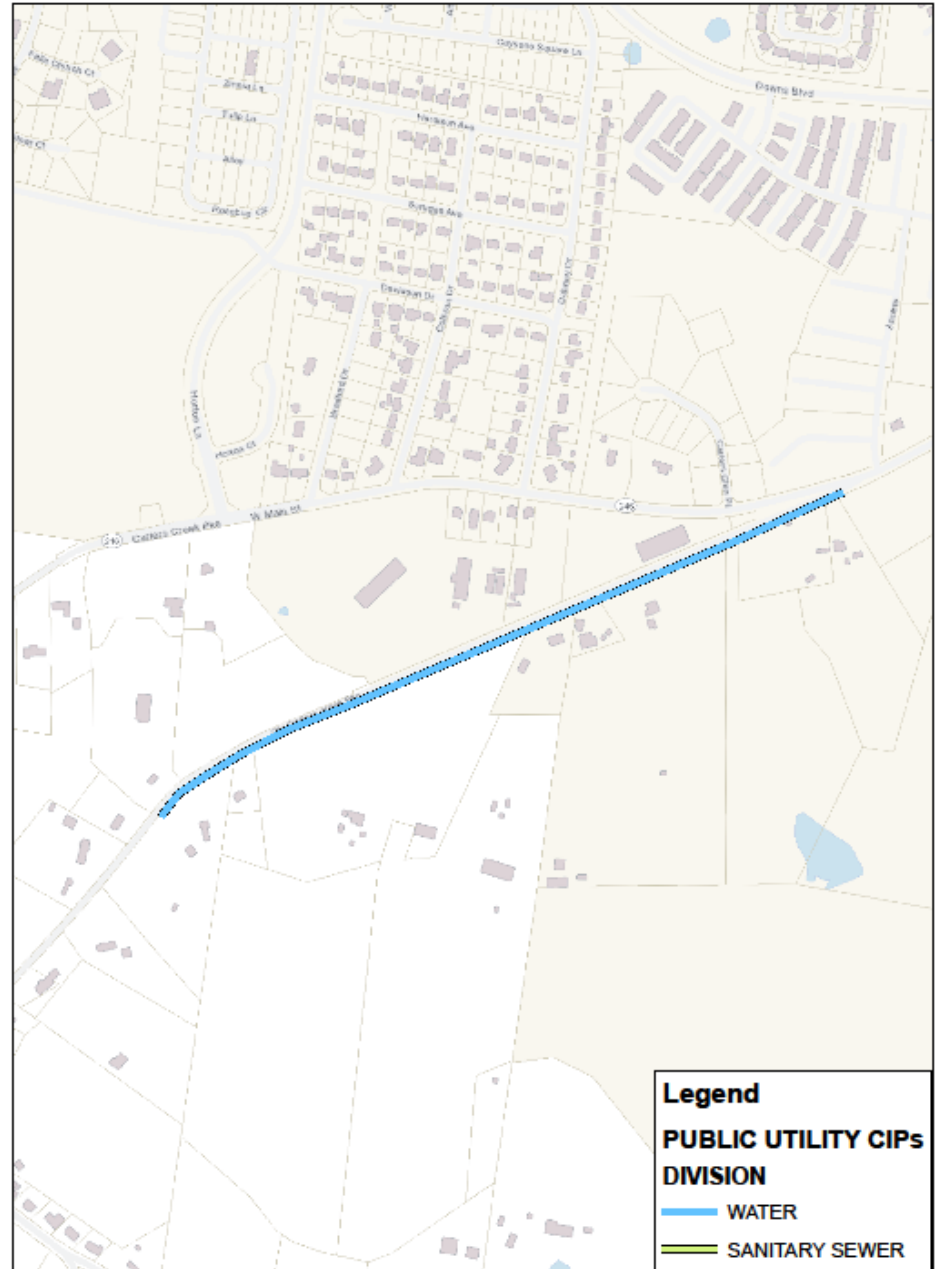
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City of Franklin, Tennessee **Water Management:**

**FY 2017 - FY 2026 CIP
Water Renewal
4 Star Project**



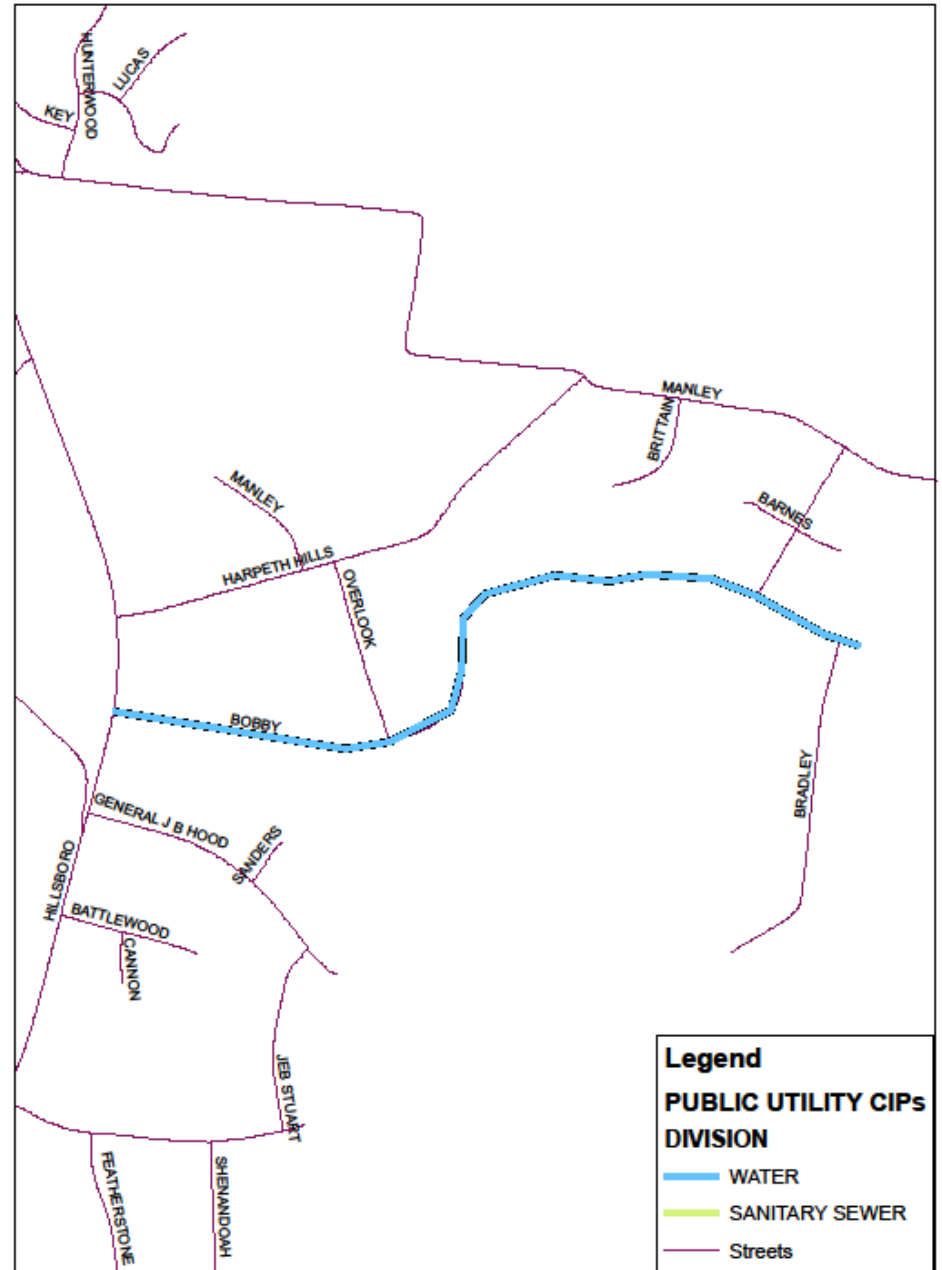
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City of Franklin, Tennessee Water Management:

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Water Renewal
4 Star Project



WM16010



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City of Franklin, Tennessee Water Management:

FY 2017 - FY 2026 CIP
Water Renewal
4 Star Project



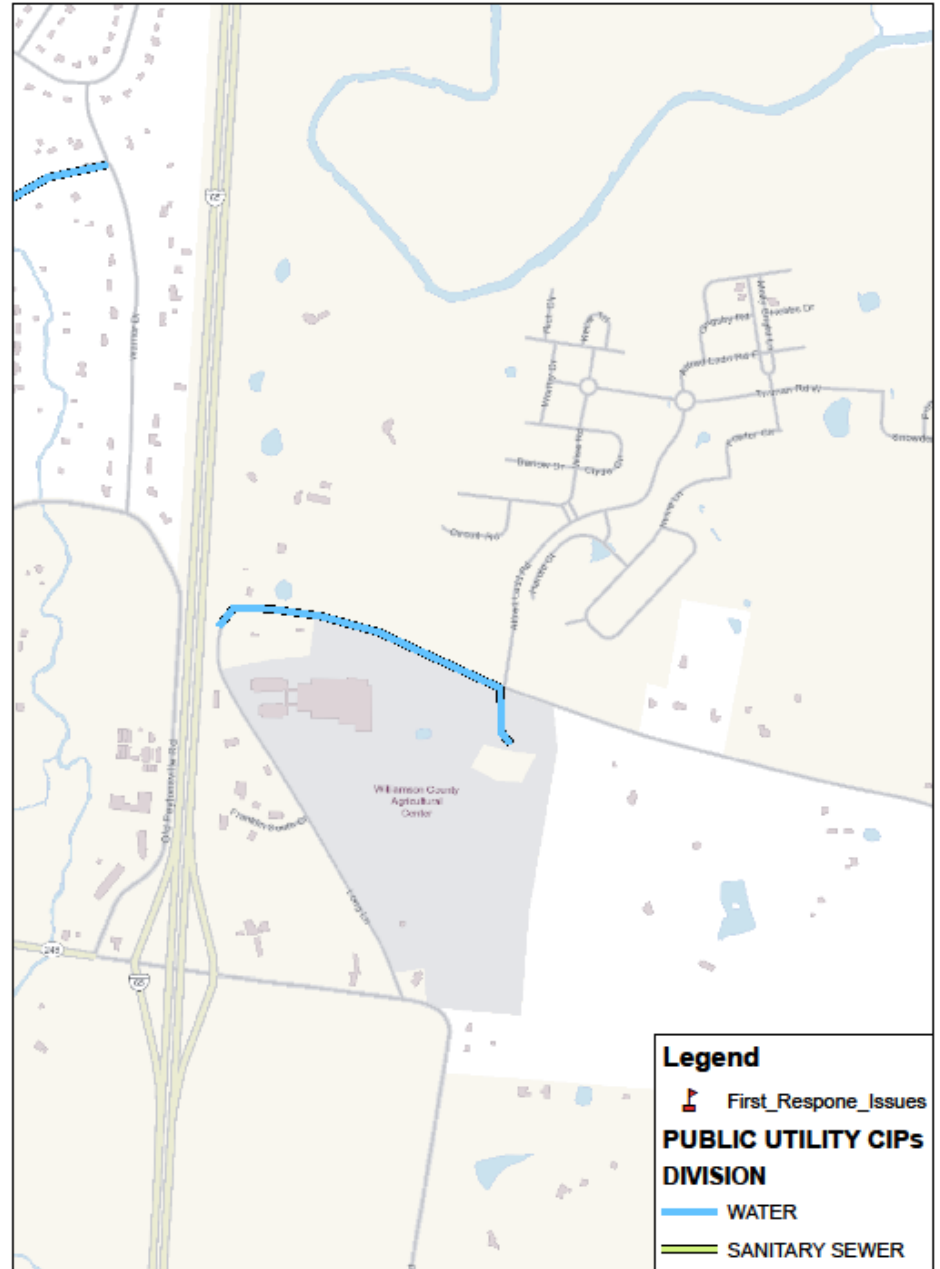
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City of Franklin, Tennessee Water Management:

FY 2017 - FY 2026 CIP
Water Renewal
4 Star Project



WM16001



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City of Franklin, Tennessee Water Management:

FY 2017 - FY 2026 CIP
Water Renewal
4 Star Project



WM16039

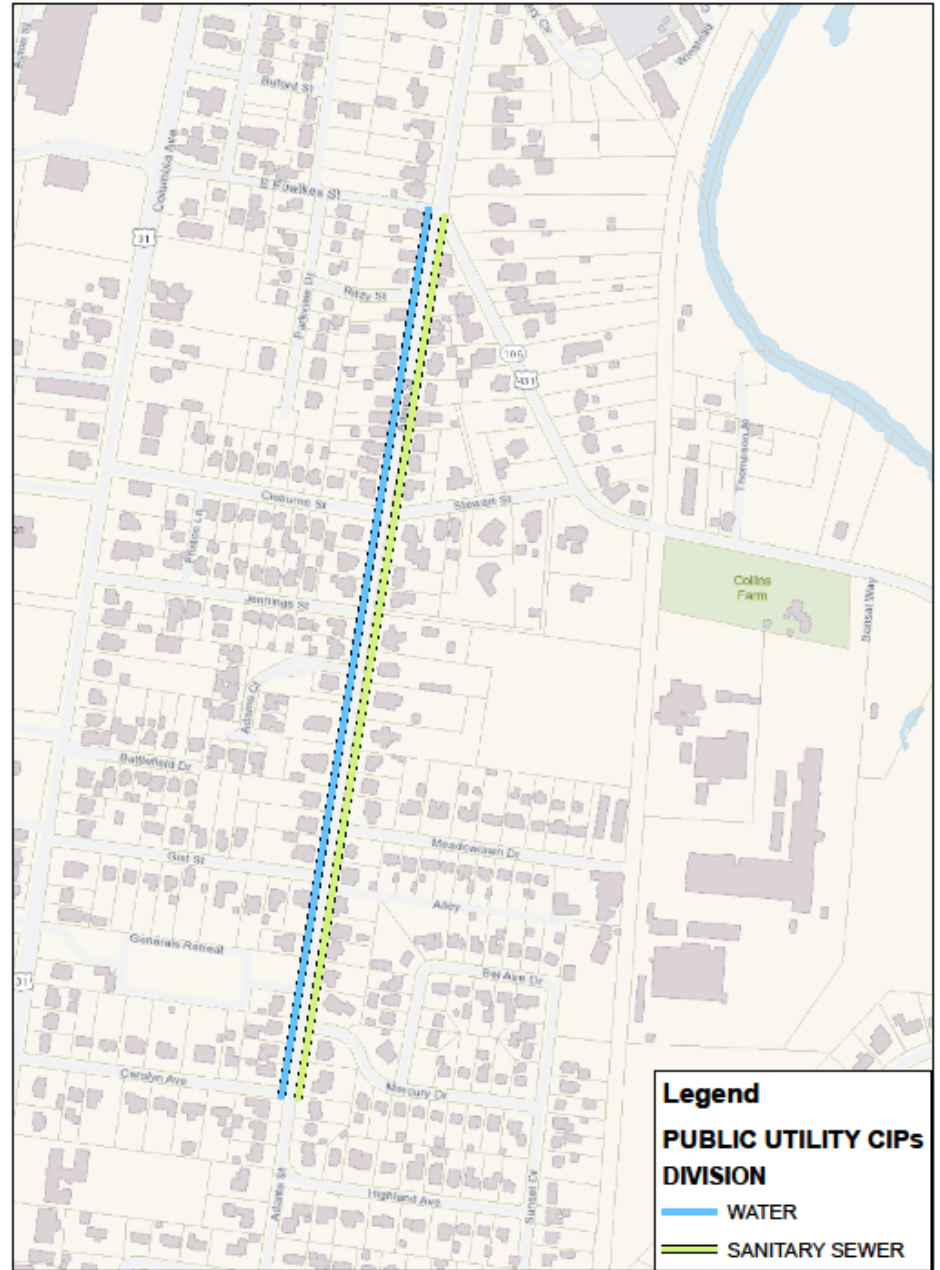


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City of Franklin, Tennessee

Water Management:

FY 2017 - FY 2026 CIP
Water Renewal
4 Star Project



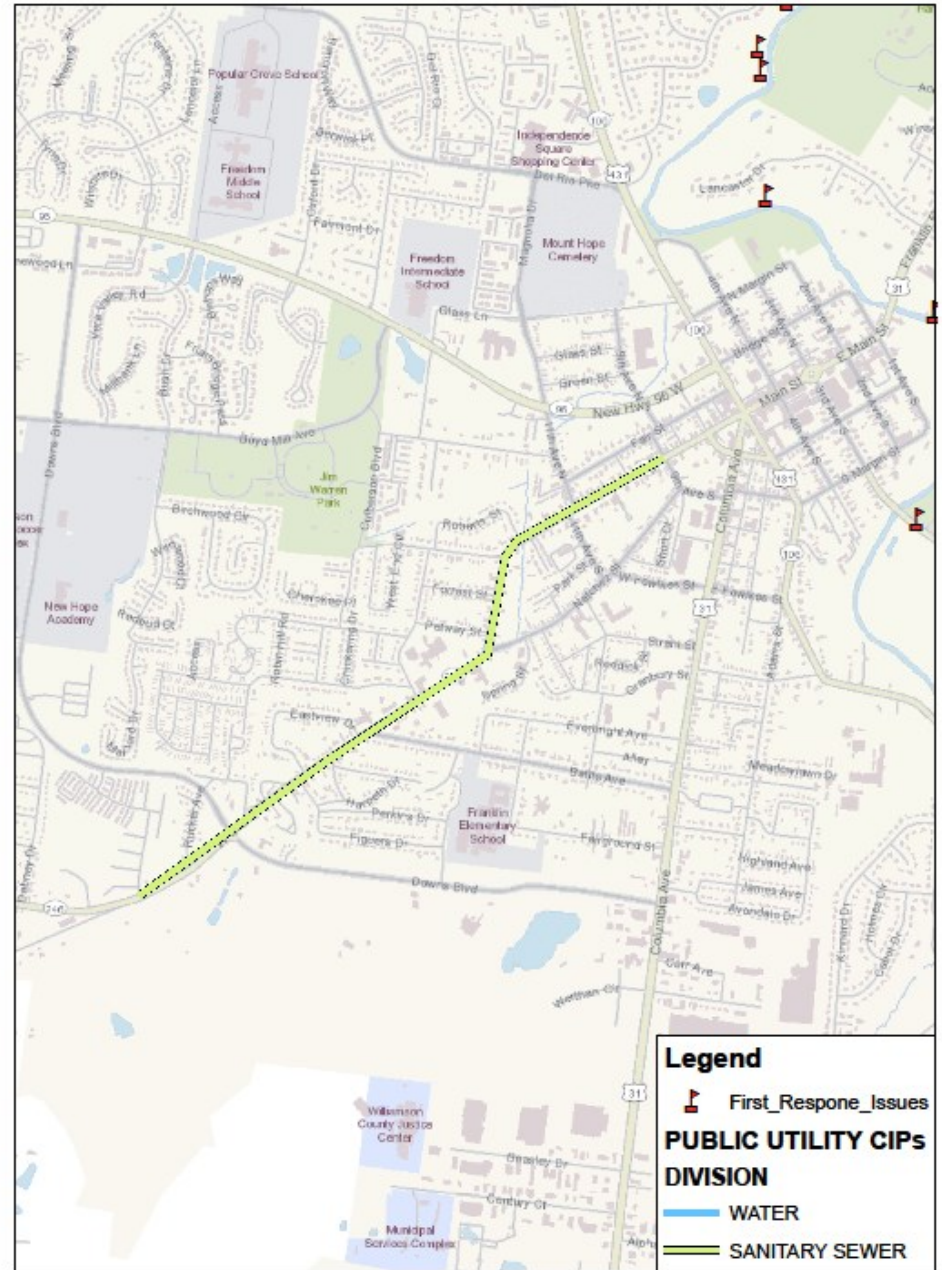
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City of Franklin, Tennessee Water Management:

FY 2017 - FY 2026 CIP Water Renewal 4 Star Project



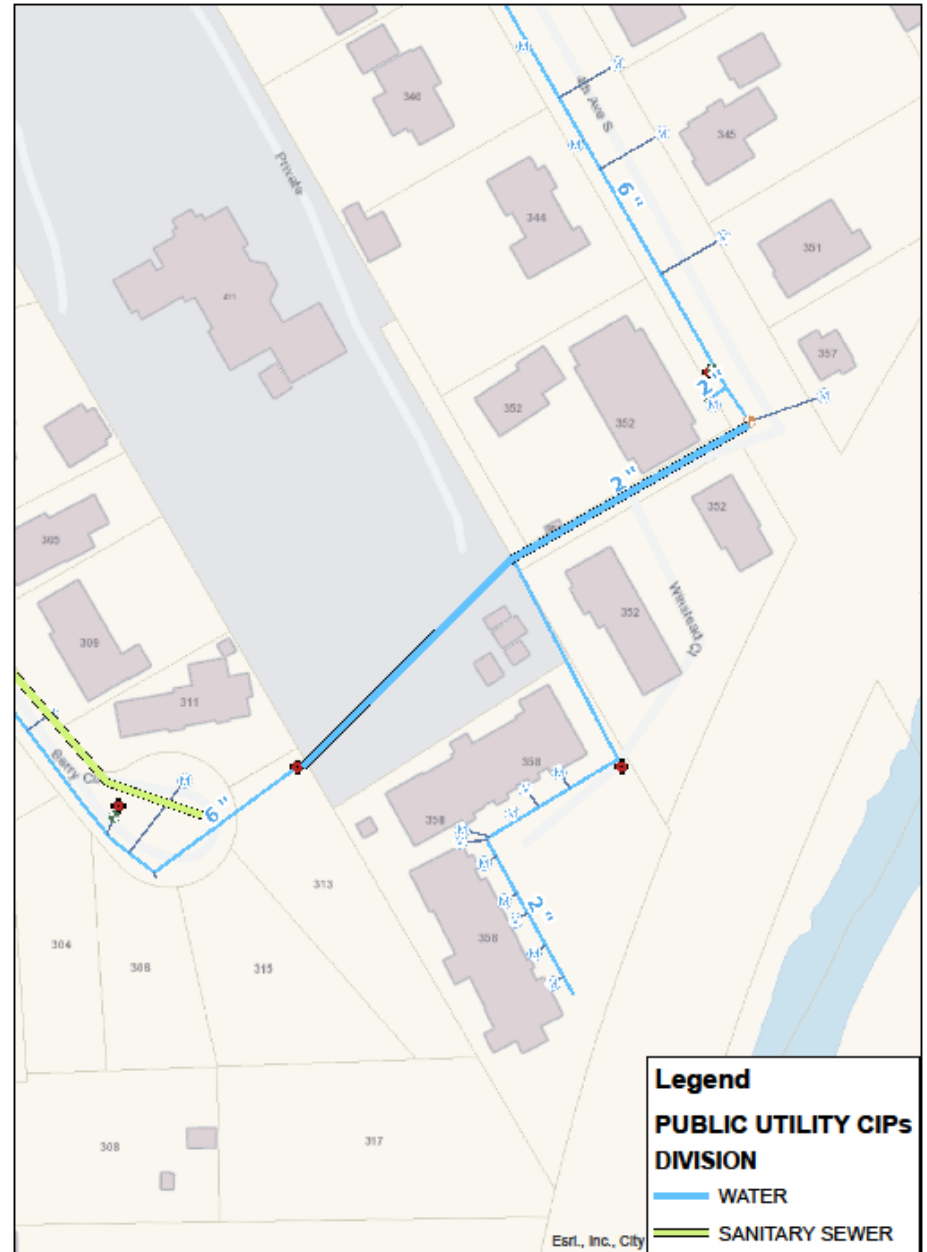
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City of Franklin, Tennessee Water Management:

FY 2017 - FY 2026 CIP
Water Renewal
3 Star Project



WM16018



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City of Franklin, Tennessee Water Management:

FY 2017 - FY 2026 CIP
Water Renewal
3 Star Project



WM16012

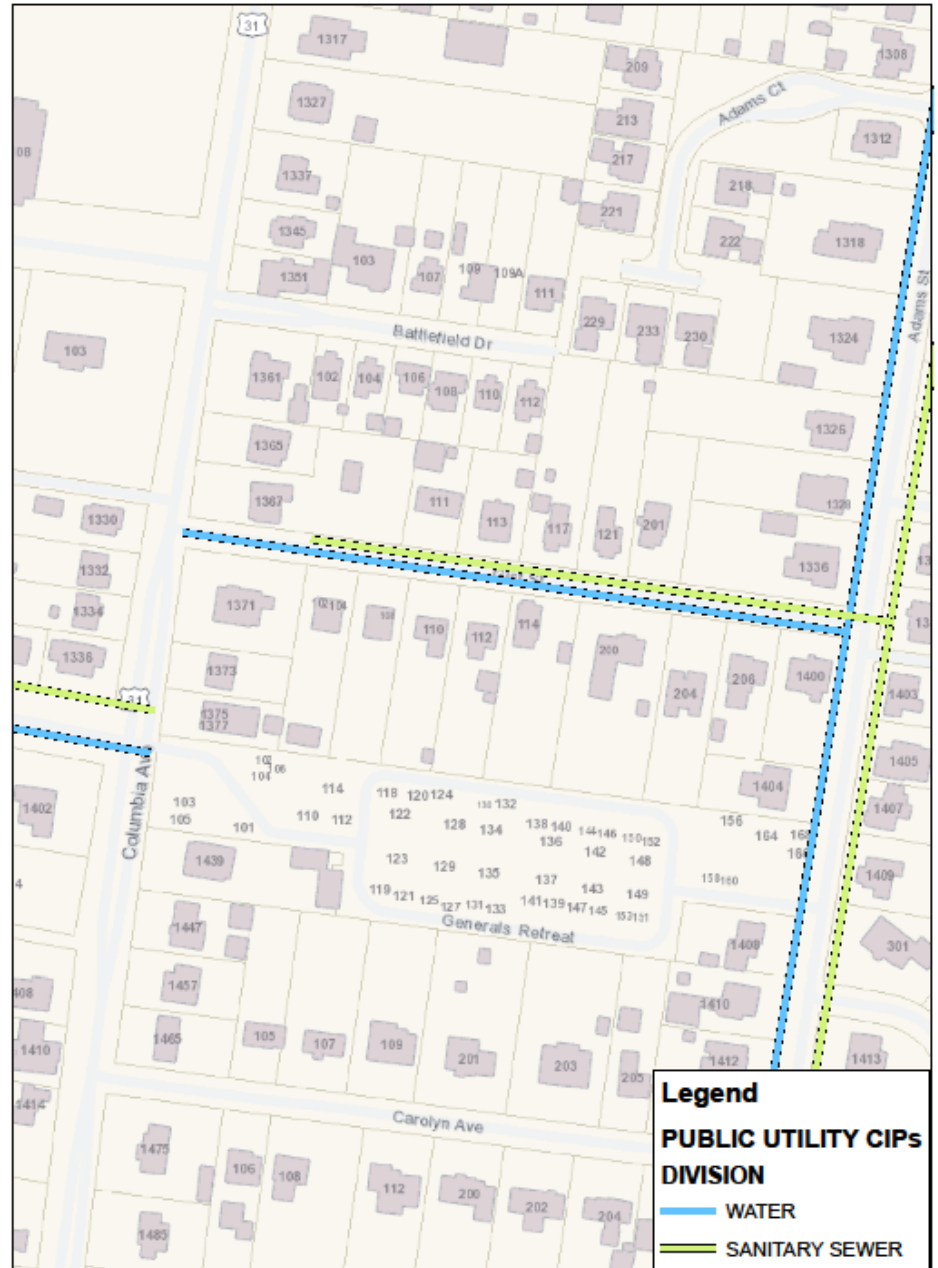


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City of Franklin, Tennessee

Water Management:

FY 2017 - FY 2026 CIP
Water Renewal
3 Star Project



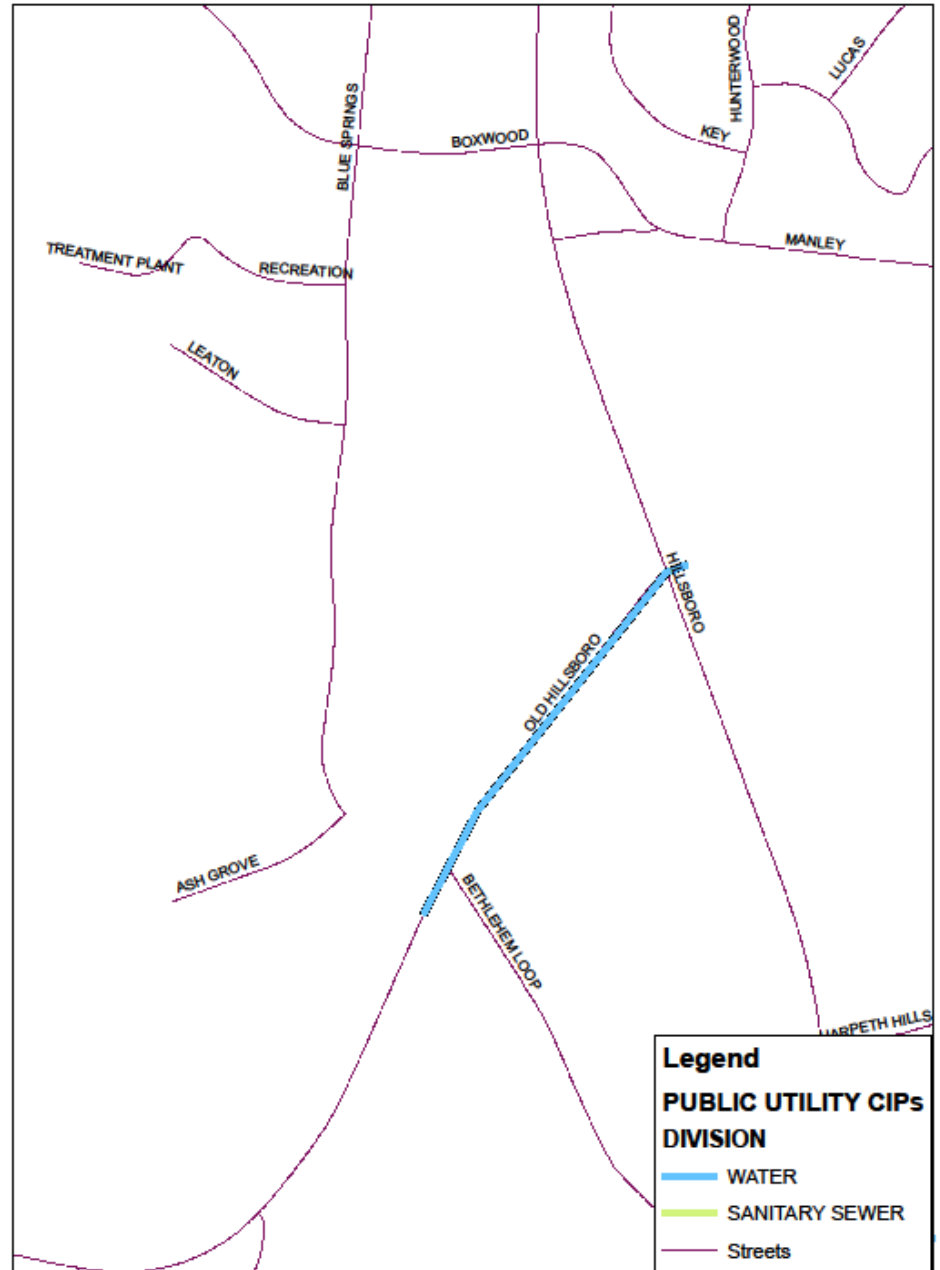
WM16020



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City of Franklin, Tennessee Water Management:

FY 2017 - FY 2026 CIP
Water Renewal
3 Star Project



WM16032



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City of Franklin, Tennessee Water Management:

**FY 2017 - FY 2026 CIP
Water Renewal
3 Star Project**



WM16030



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City of Franklin, Tennessee

Water Management:

FY 2017 - FY 2026 CIP

Water Renewal

3 Star Project

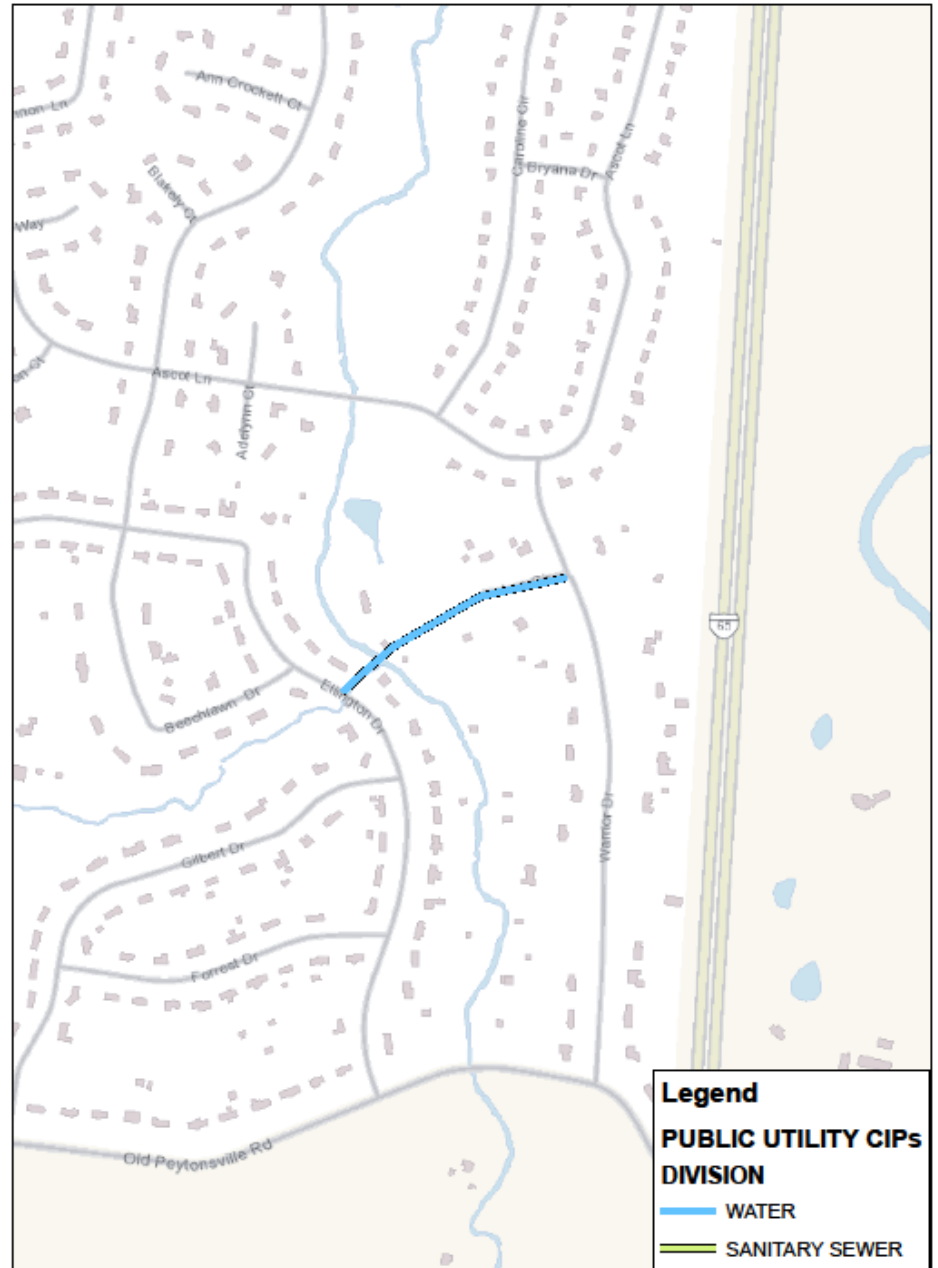
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City of Franklin, Tennessee **Water Management:**

FY 2017 - FY 2026 CIP
Water Renewal
3 Star Project



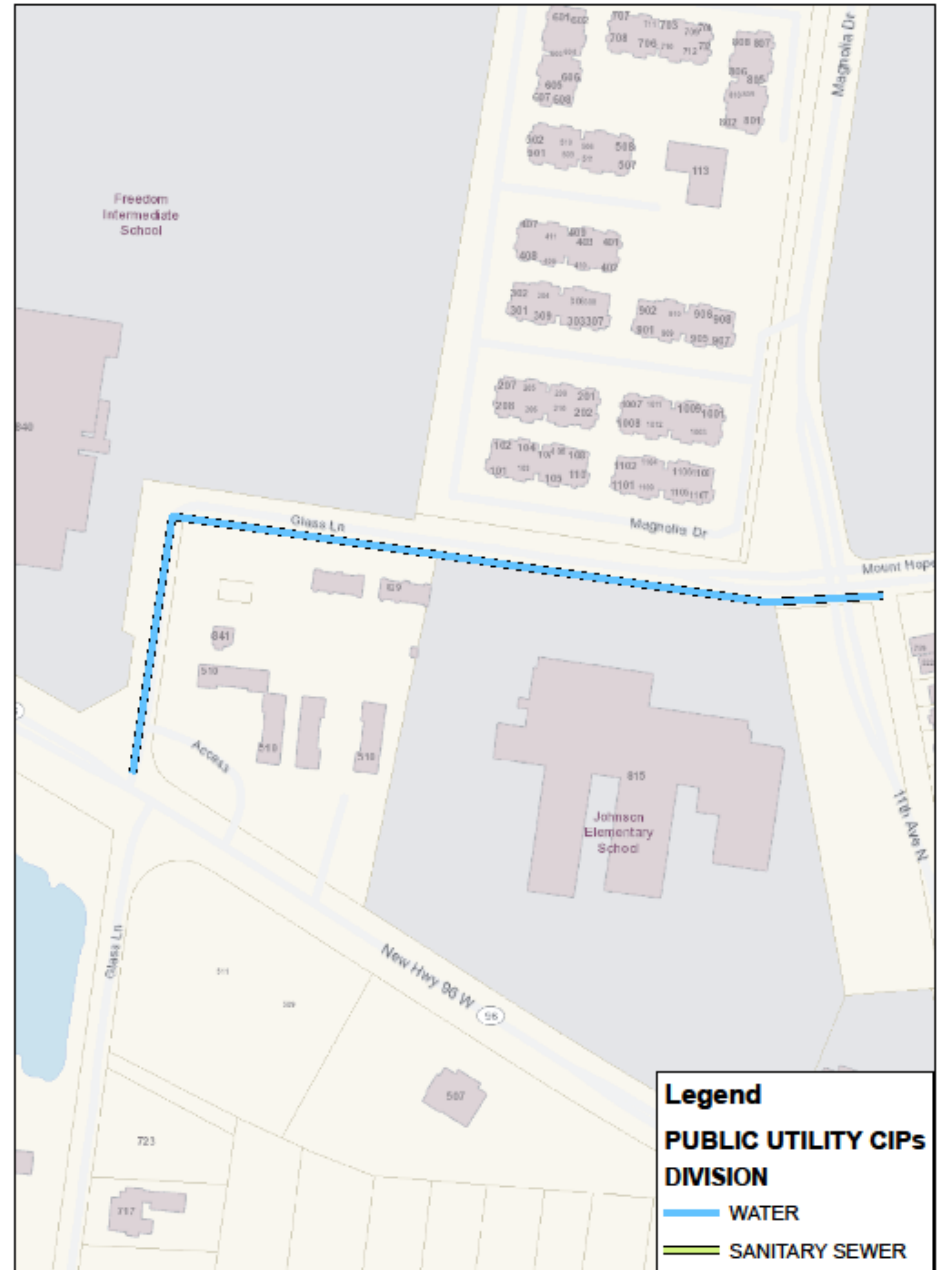
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City of Franklin, Tennessee Water Management:

FY 2017 - FY 2026 CIP Water Renewal 2 Star Project



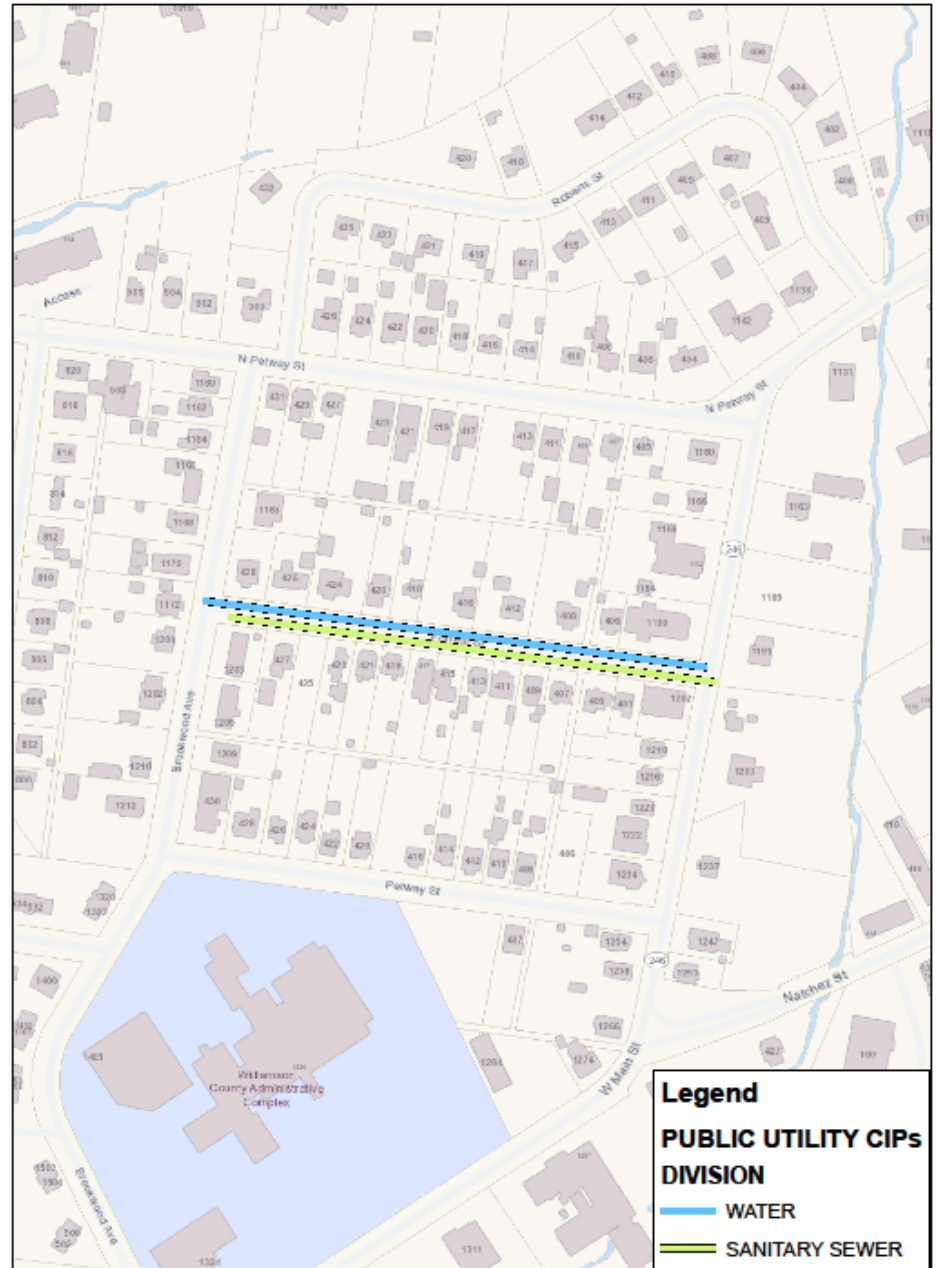
WM16021



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City of Franklin, Tennessee Water Management:

FY 2017 - FY 2026 CIP
Water Renewal
2 Star Project



WM16017



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City of Franklin, Tennessee **Water Management:**

FY 2017 - FY 2026 CIP
Water Renewal
2 Star Project



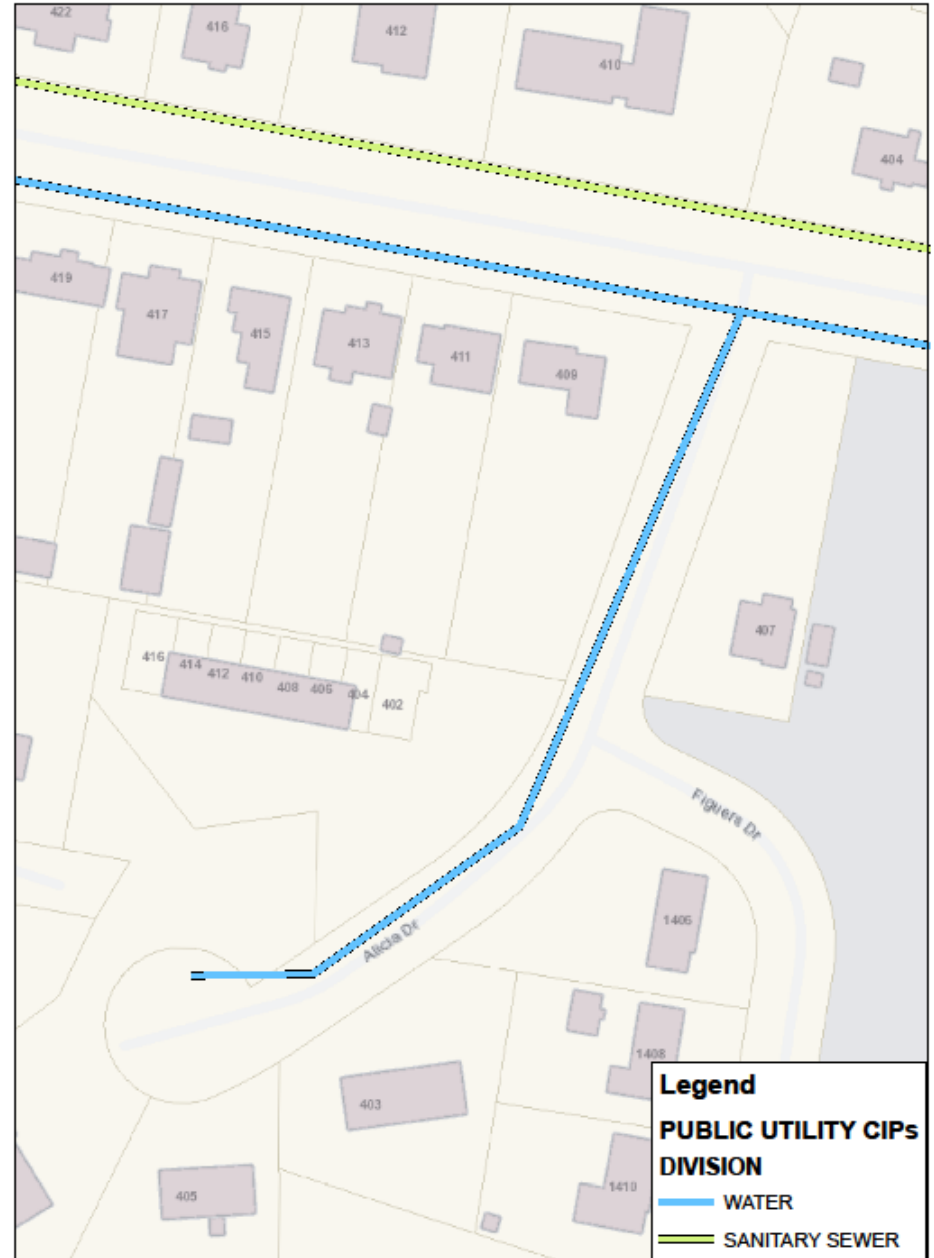
WM16026



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City of Franklin, Tennessee **Water Management:**

**FY 2017 - FY 2026 CIP
Water Renewal
2 Star Project**



WM16007



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City of Franklin, Tennessee Water Management:

FY 2017 - FY 2026 CIP
Water Renewal
2 Star Project



WM16008



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City of Franklin, Tennessee Water Management:

FY 2017 - FY 2026 CIP
Water Renewal
2 Star Project



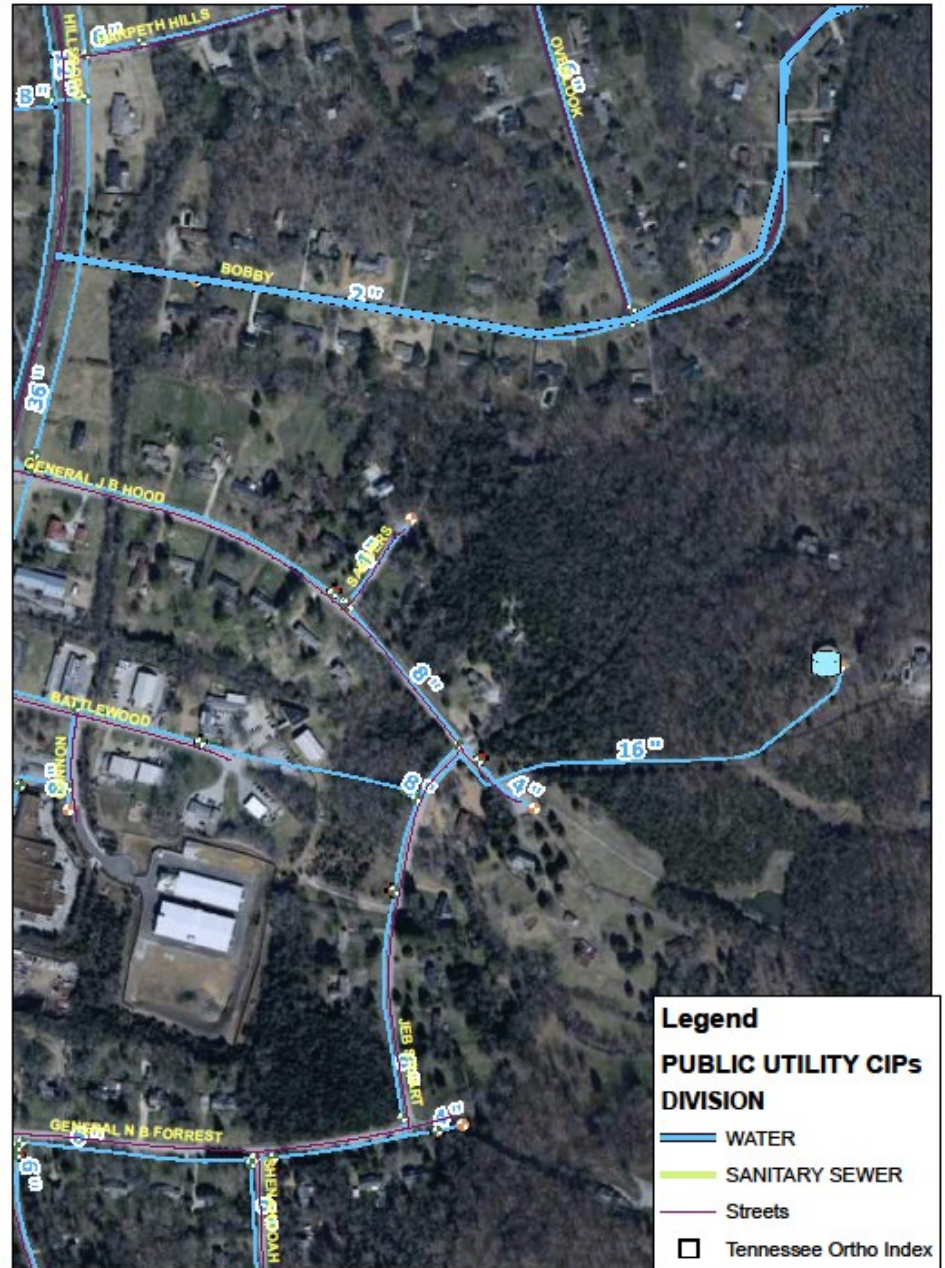
WM16011



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City of Franklin, Tennessee Water Management:

FY 2017 - FY 2026 CIP
Water Renewal
2 Star Project



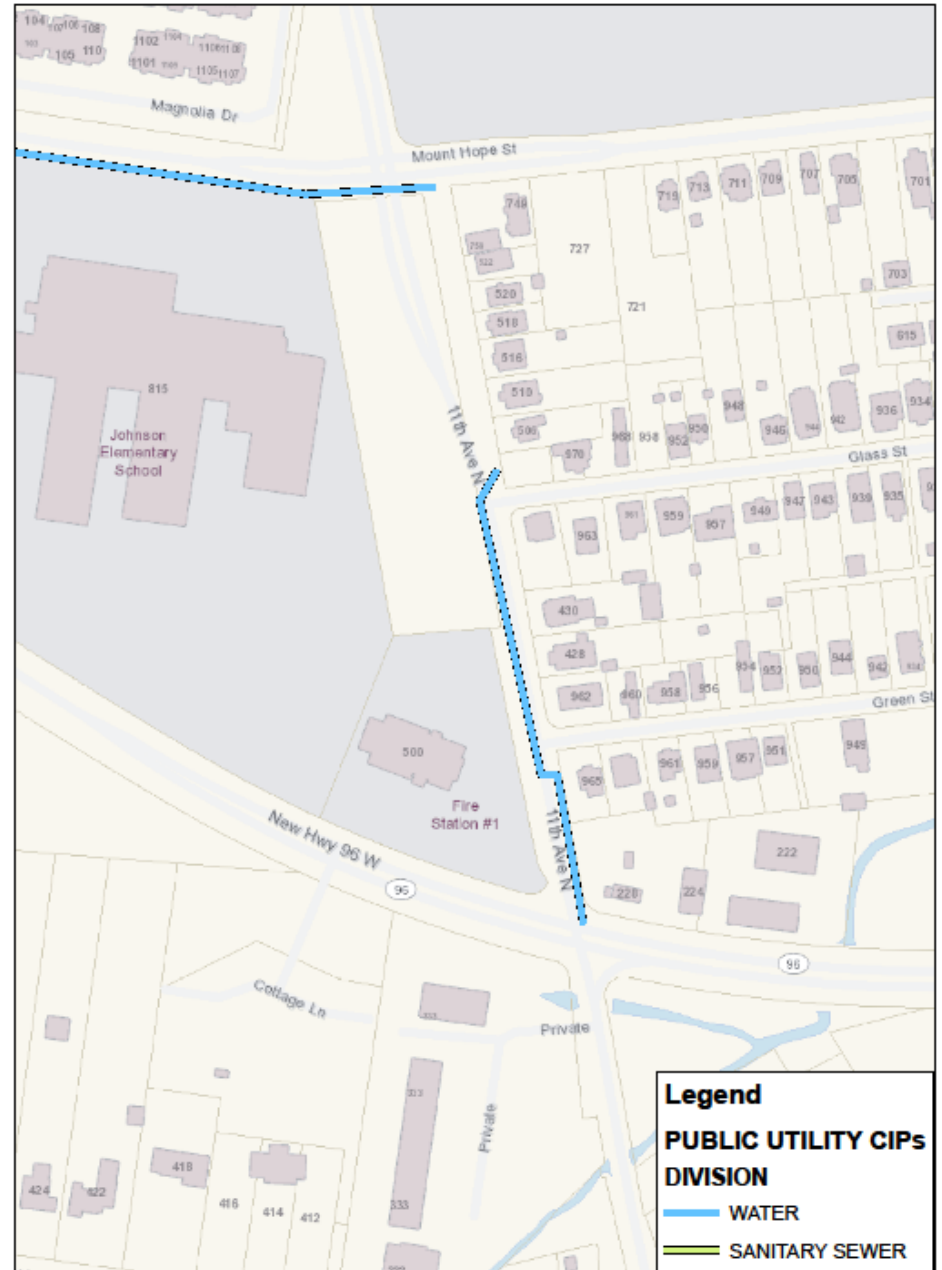
WM16013



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City of Franklin, Tennessee Water Management:

FY 2017 - FY 2026 CIP Water Renewal 1 Star Project



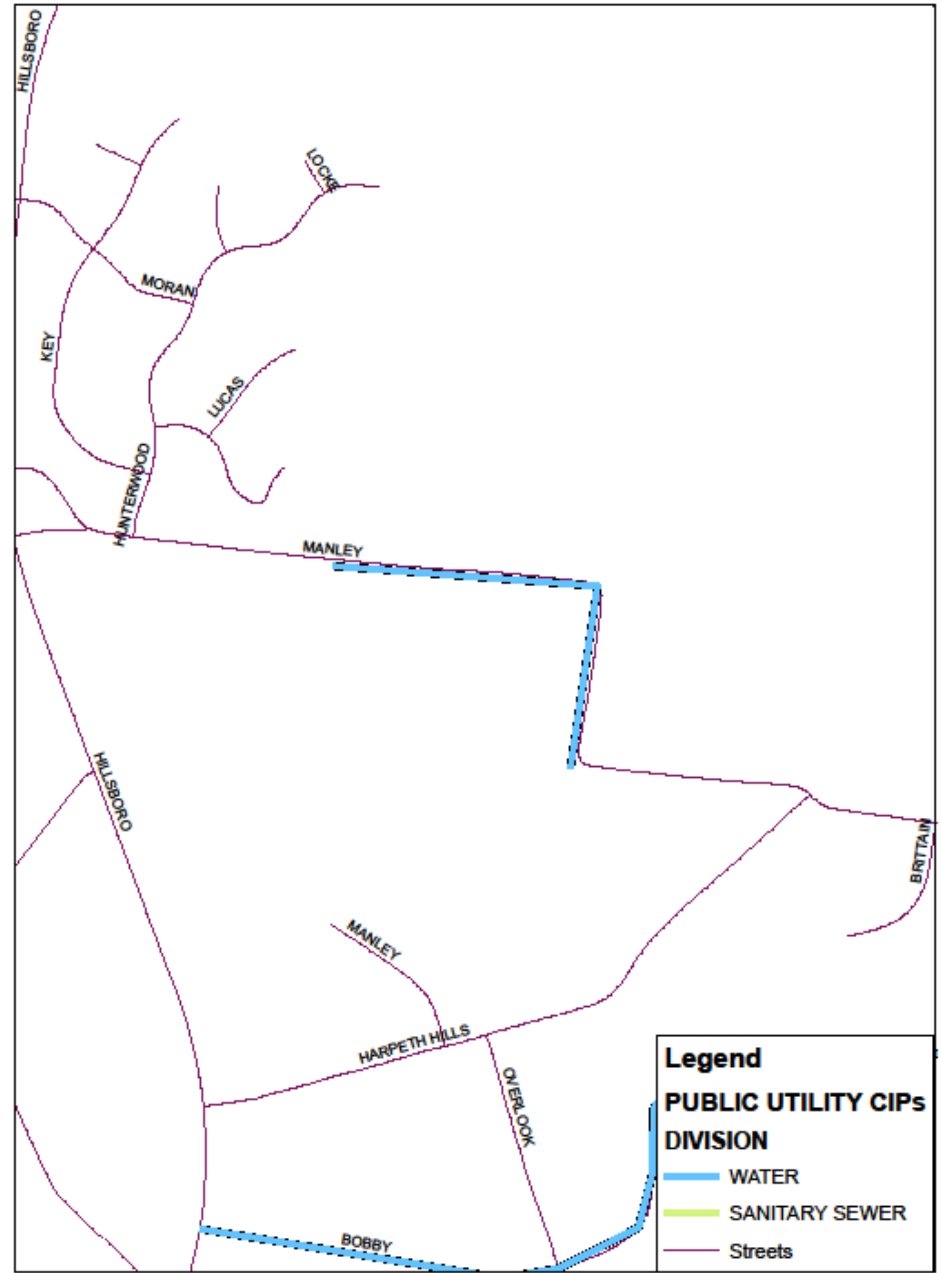
WM16040



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City of Franklin, Tennessee Water Management:

**FY 2017 - FY 2026 CIP
Water Renewal
1 Star Project**



WM16028



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City of Franklin, Tennessee **Water Management:**

**FY 2017 - FY 2026 CIP
Water Renewal
1 Star Project**



WM16027



HISTORIC
FRANKLIN
TENNESSEE

City of Franklin, Tennessee **Water Management:**

FY 2017 - FY 2026 CIP
Water Renewal
1 Star Project



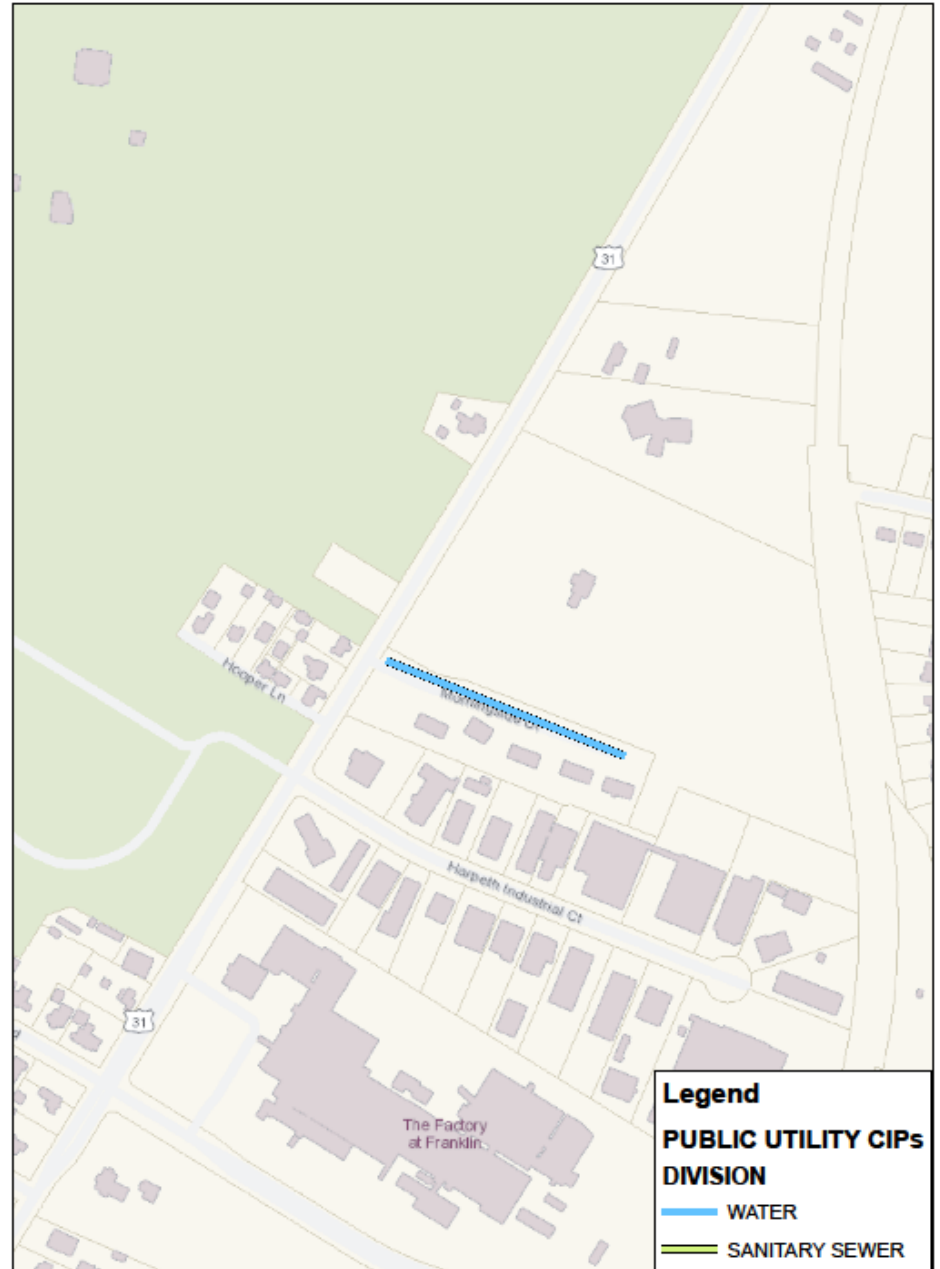
WM16036



HISTORIC
FRANKLIN
TENNESSEE

City of Franklin, Tennessee Water Management:

**FY 2017 - FY 2026 CIP
Water Renewal
1 Star Project**



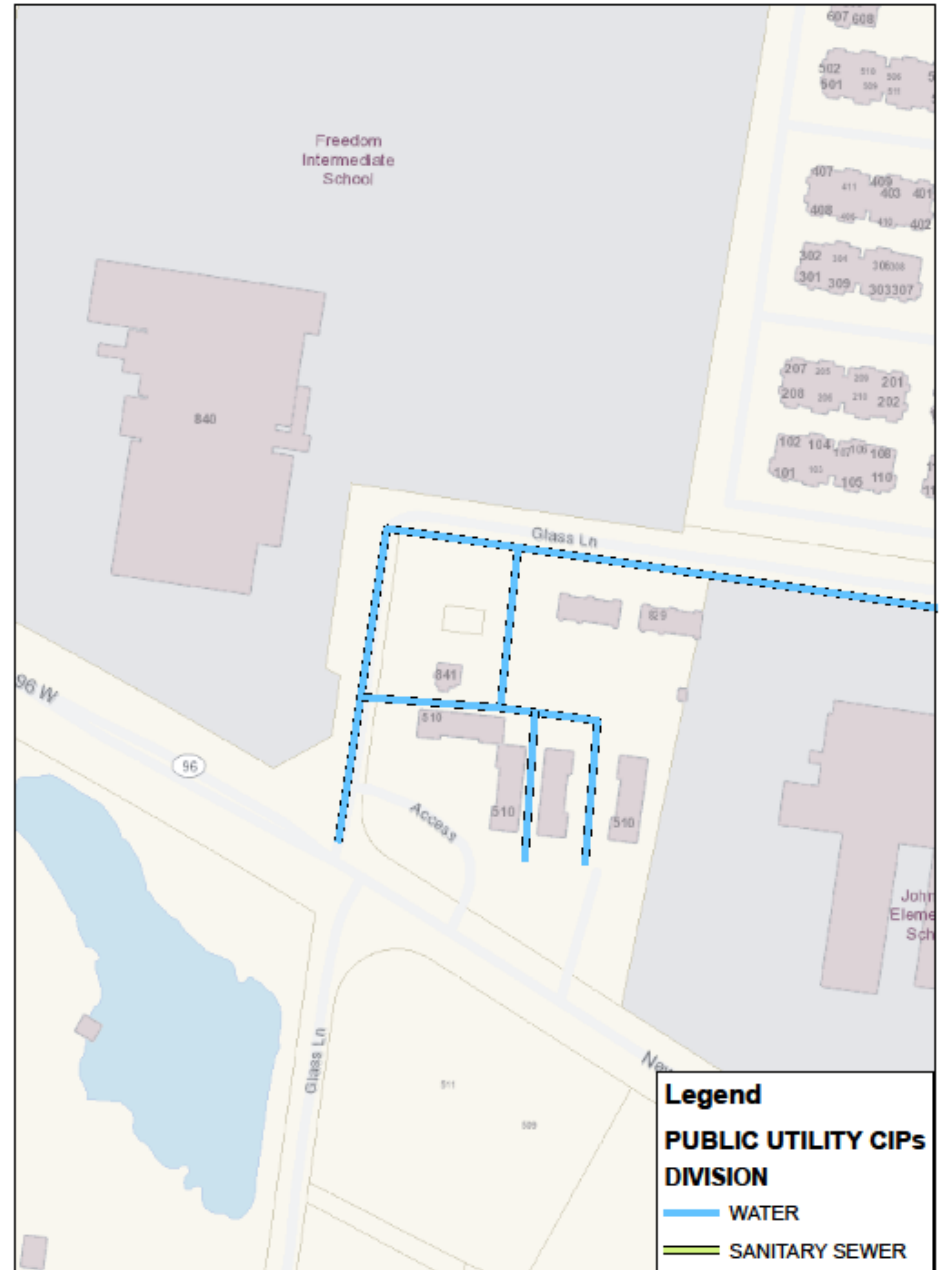
WM16029



HISTORIC
FRANKLIN
TENNESSEE

City of Franklin, Tennessee Water Management:

FY 2017 - FY 2026 CIP
Water Renewal
1 Star Project



WM16022

City of Franklin, Tennessee

Water Management:



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TENNESSEE

FY 2017 - FY 2026 CIP

Wastewater Capacity

