

Royce W. Simpson  
Water Treatment Plant and Pump Station  
Plant Capacity: 3 MGD  
Pump Firm Capacity: 4,880 gpm  
Ground Storage Capacity: 1.6 MG

Water Treatment Plant Upgrade  
from 3.0 to 6.0 MGD  
Plant Capacity: 6 MGD  
Pump Firm Capacity: 4,880 gpm  
Ground Storage Capacity: 2.0 MG

**Legend**

**Background**

- City Limits
- City\_ETJ

**Existing Infrastructure**

- Existing EST
- Existing Ground Storage Tank
- Existing Water Treatment Plant
- Existing Pump Station
- Existing Water Line ≤ 10" Diameter
- Existing Water Line > 10" Diameter

**Impact Fee Eligible Existing Projects**

- Existing Elevated Storage Tank
- Existing Water Lines

**Impact Fee Eligible Proposed Projects**

- Existing Ground Storage Tank
- Existing Water Treatment Plant
- Proposed Water Lines

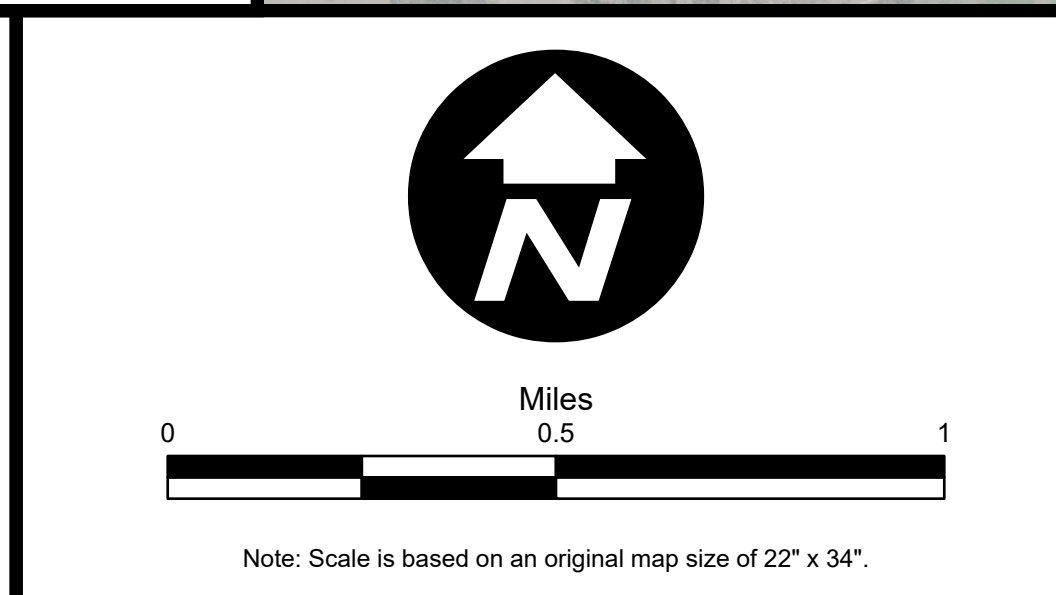
- Impact Fee Eligible Existing Projects**
- North College Ave 16" Water Line Connection
  - Thompson 1.0 MG Elevated Storage Tank
  - North Arthur & North Newark St 12" Water Line
  - Eagles Landing 12" Water Line Connection
  - Eagles Landing 12" Water Line
  - Eagles Landing 16" Water Line
  - TA Travel 12" Water Line
- Impact Fee Eligible Proposed Projects**
- Highway 81 12" Water Line Connection
  - Sunset 16" Transmission Water Line
  - US-81 Business 12" Water Line
  - Southeast Hwy 287 12" Water Line - Phase 1
  - South US 81/287 Business 12" Water Line Connection
  - Water Treatment Plant Upgrade from 3.0 to 6.0 MGD
  - North FM 51 12" Water Line
  - US 380 East 16" Water Line - Sunset Elevated Storage Tank to North FM 730
  - US 380 East Water Line - US 380 Bus to Decatur Loop
  - North Old Denton EST 16" Water Line
  - Old Denton Road 12" Water Line
  - FM 730 12" Water Line Connection
  - Preskitt Rd 12" Water Line

**Note:**

- Water demands for determining water pipe sizes is based on the Future Land Use Plan from the City of Decatur 2050 Comprehensive Plan, adopted October 26, 2020, and Planned Developments
- Pipe sizes shown indicate the internal diameter of the pipe. Nominal pipe sizes may need to be increased depending on pipe material to achieve the required internal diameter.



# City of Decatur 2024 Water Impact Fee CIP



**Kimley»Horn**

This map product is for informational purposes and may not have been prepared for or be suitable for legal, engineering, or surveying purposes. It does not represent an on-the-ground survey and represents only the approximate relative location of property boundaries.

Water Impact Fee Capital Improvements  
Project Cost and 10-Year Recoverable Cost

Proj. #	Description	2024 Required Capacity (Percent Utilization)	2034 Required Capacity (Percent Utilization)	2024-2034 Required Capacity (Percent Utilization)	2034 Projected Recoverable Cost	Total Project Cost
EXISTING						
1	NORTH COLLEGE AVENUE 16-INCH WATER LINE CONNECTION	47%	84%	37%	\$ 176,446.00	\$ 476,880.00
2	THOMPSON STREET 1.0 MG ELEVATED STORAGE TANK	8%	89%	81%	\$ 4,673,319.00	\$ 5,769,530.00
3	NORTH ARTHUR & NORTH NEWARK ST 12-INCH WATER LINE	47%	100%	53%	\$ 486,737.00	\$ 918,372.00
4	EAGLES LANDING 12-INCH WATER LINE CONNECTION	5%	34%	29%	\$ 187,340.00	\$ 646,000.00
5	EAGLES LANDING 12-INCH WATER LINE	5%	16%	11%	\$ 46,659.00	\$ 424,173.00
6	EAGLES LANDING 16-INCH WATER LINE	5%	20%	15%	\$ 19,182.00	\$ 127,880.00
7	TA Travel 12-INCH WATER LINE	5%	100%	95%	\$ 682,858.00	\$ 718,798.00
Existing Subtotal					\$ 6,272,541.00	\$ 9,081,633.00
PROPOSED						
1	HIGHWAY 81 12-INCH WATER LINE CONNECTION	0%	70%	70%	\$ 1,008,000.00	\$ 1,440,000.00
2	SUNSET 16-INCH TRANSMISSION WATER LINE	0%	66%	66%	\$ 2,508,000.00	\$ 3,800,000.00
3	US 81 BUSINESS 12-INCH WATER LINE	8%	100%	92%	\$ 2,704,800.00	\$ 2,940,000.00
4	SOUTHEAST HWY 287 12-INCH WATER LINE - PHASE 1	0%	37%	37%	\$ 1,121,100.00	\$ 3,030,000.00
5	SOUTH US 81/287 BUSINESS 12-INCH WATER LINE CONNECTION	0%	52%	52%	\$ 1,060,800.00	\$ 2,040,000.00
6	WATER TREATMENT PLANT UPGRADE FROM 3.0 TO 6.0 MGD	0%	31%	31%	\$ 10,144,750.00	\$ 32,725,000.00
7	NORTH FM 51 12-INCH WATER LINE	0%	9%	9%	\$ 330,300.00	\$ 3,670,000.00
8	US 380 EAST 16-INCH WATER LINE - SUNSET EST TO NORTH FM 730	0%	88%	88%	\$ 4,752,000.00	\$ 5,400,000.00
9	US 380 EAST WATER LINE - US 380 BUS TO DECATUR LOOP	0%	37%	37%	\$ 603,100.00	\$ 1,630,000.00
10	NORTH OLD DENTON EST 16-INCH WATER LINE	0%	67%	67%	\$ 1,212,700.00	\$ 1,810,000.00
11	OLD DENTON ROAD 12-INCH WATER LINE	0%	63%	63%	\$ 1,045,800.00	\$ 1,660,000.00
12	FM 730 AVE 12-INCH WATER LINE CONNECTION	0%	22%	22%	\$ 600,600.00	\$ 2,730,000.00
13	PRESKITT RD 12-INCH WATER LINE	0%	53%	53%	\$ 1,462,800.00	\$ 2,760,000.00
14	WATER IMPACT FEE	0%	100%	100%	\$ 48,333.33	\$ 48,333.33
Proposed Subtotal					\$ 28,603,083.33	\$ 65,683,333
Total					\$ 34,875,624.33	\$ 74,764,966