

**I. Project Segment Description**

- A. Location: This project segment is located on Benson Street from Commerce Avenue to Pacific Avenue.

Location Information	
Description	Data
Water ID	72
MAPSCO	46J
DWU W/S Map	37-28
Council District	5

- B. Existing Conditions

Description	Water Main	Wastewater Main
DWU As-built	FB306 p. 57	N/A
Length (ft)	180	N/A
Diameter (in)	8"	N/A
Year Built	Unknown	N/A
Material	D.I.	

**II. Field Observations**

- A. Easements and Right-of-Way

The water main is within the dedicated street R.O.W. No additional easements are required.

- B. Surface/Pavement

Benson Street is an asphalt street with concrete curb and gutter. The pavement is in fair condition within the project limit.

- C. Trees and Landscaping

There are no trees or landscaping in the parkway.

- D. Adjacent Structures

There are existing overhead electrical lines and street lighting located within the street R.O.W. Storm sewers are also present within the project limit.

**III. Recommendation**

A. Water Main Improvement

The water line is to be investigated by the City for active services at which time a recommendation will be made for construction of this water line.

B. Wastewater Improvement

No associated wastewater main replacement is included in this project.

C. Construction/Surface Improvement

An improvement assessment will be made once the status of this line is determined by the City.

D. Traffic Control

A traffic control assessment will be made once the status of this line is performed by the City.

IV. Opinion of Probable Cost

Opinion of Probable Cost				
Qty	Unit	Description	Unit Cost \$	Total \$
	LF	8" PVC Class 200 Water Pipe	60.00	0.00
	EA	8" Gate Valve	800.00	0.00
	EA	Water Service Connection	600.00	0.00
	LF	Trench Safety System	1.50	0.00
	CY	Reinforced Concrete Pavement	165.00	0.00
	TN	Asphalt Pavement	80.00	0.00
	LF	6" PVC C900 Water Line	50.00	0.00
	CY	Temp Paving Flex Base	30.00	0.00
	TN	Temp Asphalt Paving	55.00	0.00
	EA	Fire Hydrant	2,000.00	0.00
	TN	Cast Iron Fittings	1,500.00	0.00
	LF	16" Split Steel Encasement	80.00	0.00
		<b>TOTAL</b>		<b>0.00</b>