

RESOLUTION NO. 2021-132

**RESOLUTION AUTHORIZING VILLAGE STAFF TO PROCEED WITH THE TID #4
WATER IMPROVEMENTS PROJECT TO BE PARTIALLY FUNDED WITH
AMERICAN RESCUE PLAN ACT (ARPA) GRANT DOLLARS**

WHEREAS, the Village of Caledonia has identified the need to construct an elevated storage tank (water tower) in the TID #4 area along Adams Road.

WHEREAS, the elevated storage tank would provide and maintain adequate water supply and water pressure for fire suppression systems of the water utility users in the vicinity.

WHEREAS, the Village of Caledonia has requested Foth Infrastructure & Environment, LLC. to develop a budgetary cost estimate for the TID #4 Water Improvements Project consisting of an elevated storage tank and associated watermain.

WHEREAS, the estimated project cost for the TID #4 Water Improvements Project is \$3.75 million dollars and the budgetary cost estimate is attached as Exhibit A.

WHEREAS, the Village of Caledonia has secured a site for the elevated storage tank along Adams Road where it will benefit the TID #4 area.

WHEREAS, the Village of Caledonia has received \$1.322 million dollars (half) in 2021 and will receive another \$1.322 million dollars in 2022 for a total of \$2.645 million dollars of ARPA funding through the federal government to utilize for purposes outlined in the federal guidance for the ARPA funds. One of the authorized uses for ARPA funds in the federal guidance is water infrastructure.

WHEREAS, Village staff is recommending that the Village of Caledonia utilize all available ARPA funds to defray the cost of the TID #4 Water Improvements Project that is needed in TID #4.

NOW, THEREFORE, BE IT RESOLVED by the Village Board of the Village of Caledonia that Village Staff be authorized to begin the process of studying, designing, permitting, publicly bidding, and constructing the TID #4 Water Improvements Project.

BE IT FURTHER RESOLVED THAT all Village officials, officers, and employees are authorized and directed to take such steps as are lawful and necessary in furtherance of the project.

20th Adopted by the Village Board of the Village of Caledonia, Racine County, Wisconsin, this day of December 2021.

VILLAGE OF CALEDONIA

By: 

Jim Dobbs, Village President

Attest: 

Joslyn Hoeffert, Village Clerk

**TID 4 Water Improvements
Budgetary Cost Estimate
Village of Caledonia
December 9, 2021**

| TID 4 - ELEVATED STORAGE | | | | |
|---|--------------------|------|----------------------|--------------------|
| Description | Estimated Quantity | Unit | Estimated Unit Price | Total Amount |
| Mobilization | 1 | LS | \$ 45,000.00 | \$ 45,000.00 |
| Traffic Control | 1 | LS | \$ 4,500.00 | \$ 4,500.00 |
| .750 MG Elevated Storage | 1 | LS | \$ 2,300,000.00 | \$ 2,300,000.00 |
| 16-inch PVC Water Main, Spoil Backfill | 150 | LF | \$ 100.00 | \$ 15,000.00 |
| 16-inch PVC Water Main, Granular Backfill | 150 | LF | \$ 175.00 | \$ 26,250.00 |
| Connect to Existing Water Main | 1 | EA | \$ 8,000.00 | \$ 8,000.00 |
| Hydrant Assembly | 1 | EA | \$ 6,000.00 | \$ 6,000.00 |
| 16-inch Butterfly Valve | 1 | EA | \$ 4,500.00 | \$ 4,500.00 |
| Silt Fence | 1150 | LF | \$ 2.00 | \$ 2,300.00 |
| Rock Filled Filter Bag | 100 | EA | \$ 14.00 | \$ 1,400.00 |
| HMA Pavement | 10 | TON | \$ 150.00 | \$ 1,500.00 |
| Turf Restoration | 7,200 | SY | \$ 9.00 | \$ 64,800.00 |
| Elevated Storage Subtotal | | | | \$ 2,480,000.00 |
| Design Engineering (12%) | | | | \$ 298,000.00 |
| Construction Administration (8%) | | | | \$ 199,000.00 |
| Contingencies (15%) | | | | \$ 372,000.00 |
| ELEVATED STORAGE TOTAL | | | | \$3,349,000 |

| TID 4 - ADAMS ROAD WATER MAIN EXTENSION | | | | |
|---|--------------------|------|----------------------|------------------|
| Description | Estimated Quantity | Unit | Estimated Unit Price | Total Amount |
| Mobilization | 1 | LS | \$ 20,000.00 | \$ 20,000.00 |
| Traffic Control | 1 | LS | \$ 10,000.00 | \$ 10,000.00 |
| 16-inch PVC Water Main, Spoil Backfill | 1,700 | LF | \$ 100.00 | \$ 170,000.00 |
| 16-inch PVC Water Main, Granular Backfill | 70 | LF | \$ 175.00 | \$ 12,250.00 |
| Connect to Existing Water Main | 1 | EA | \$ 8,000.00 | \$ 8,000.00 |
| Hydrant Assembly | 5 | EA | \$ 6,000.00 | \$ 30,000.00 |
| 16-inch Butterfly Valve | 4 | EA | \$ 4,500.00 | \$ 18,000.00 |
| Silt Fence | 1000 | LF | \$ 2.00 | \$ 2,000.00 |
| Rock Filled Filter Bag | 20 | EA | \$ 14.00 | \$ 280.00 |
| HMA Pavement Restoration | 30 | TON | \$ 150.00 | \$ 4,500.00 |
| Turf Restoration | 1,900 | SY | \$ 9.00 | \$ 17,100.00 |
| Water Main Subtotal | | | | \$ 292,130 |
| Design Engineering (10%) | | | | \$ 36,000 |
| Construction Administration (8%) | | | | \$ 24,000 |
| Contingencies (15%) | | | | \$ 44,000 |
| ADAMS ROAD WATER MAIN TOTAL | | | | \$397,000 |

TID 4 WATER IMPROVEMENTS TOTAL \$3,746,000

1. This is a cost estimate prepared for Village budgeting purposes. No representation is made that proposals, bids, or costs have been received from contractors.
2. 16" water main is being installed to extend eastward along Adams Road to the proposed water tower site.
3. Costs based on recent bids received by the Caledonia Utility District where practicable.

