

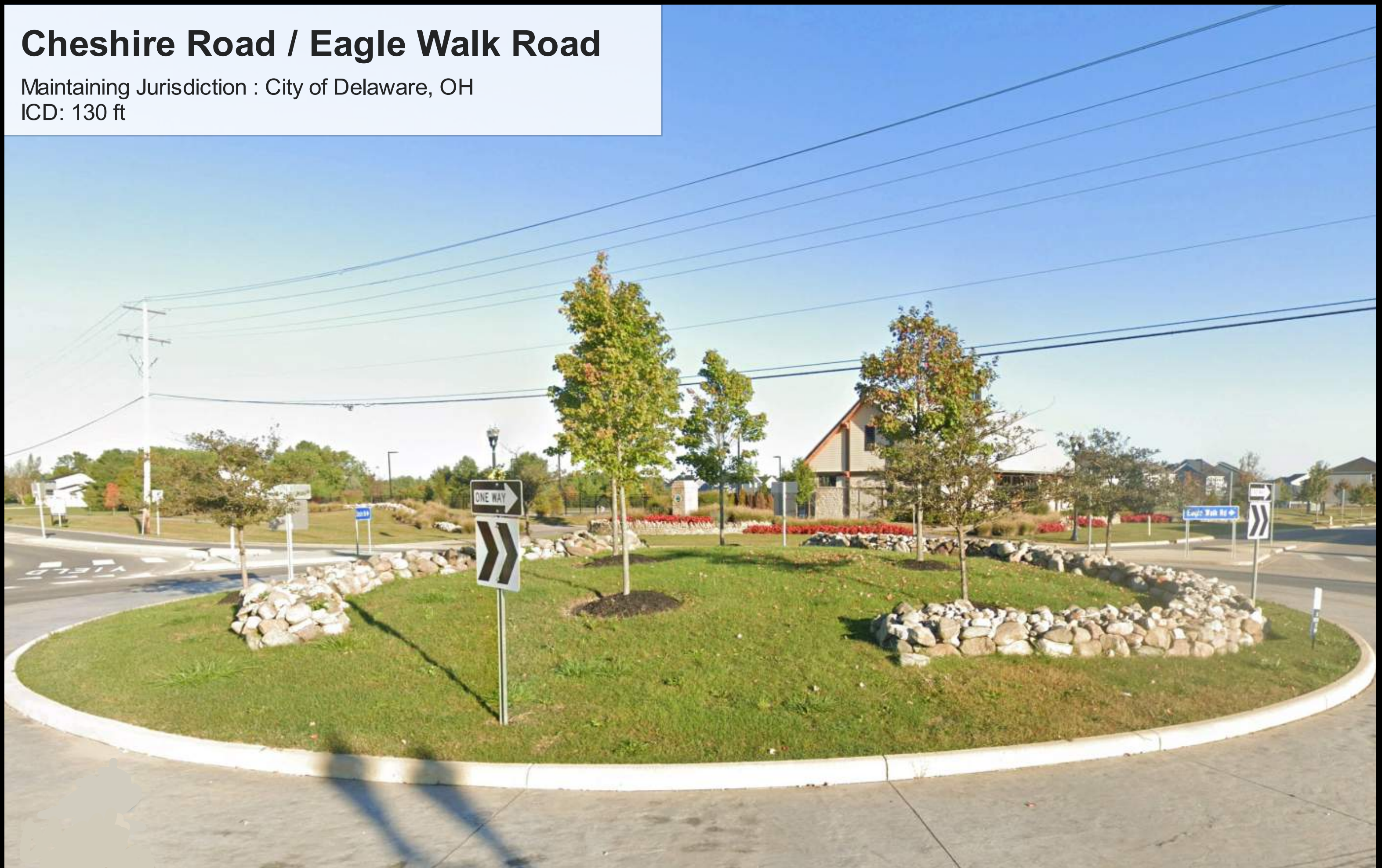


Safety & Service Committee Meeting  
Tuesday, October 21, 2025 - 5:00 PM  
AGENDA

1. Call to Order/Roll Call
2. 62/37 intersection; continued discussion - American Structure Point
3. OPWC project proposals - EMH&T
4. Roundabout design Duncan Plains and Mink - EMH&T
  - a. Option comparison
5. City Street Signs
  - a. Design/Quotes
6. Tree removal TJ Evans park
7. Other Business
8. Adjourn

# Cheshire Road / Eagle Walk Road

Maintaining Jurisdiction : City of Delaware, OH  
ICD: 130 ft



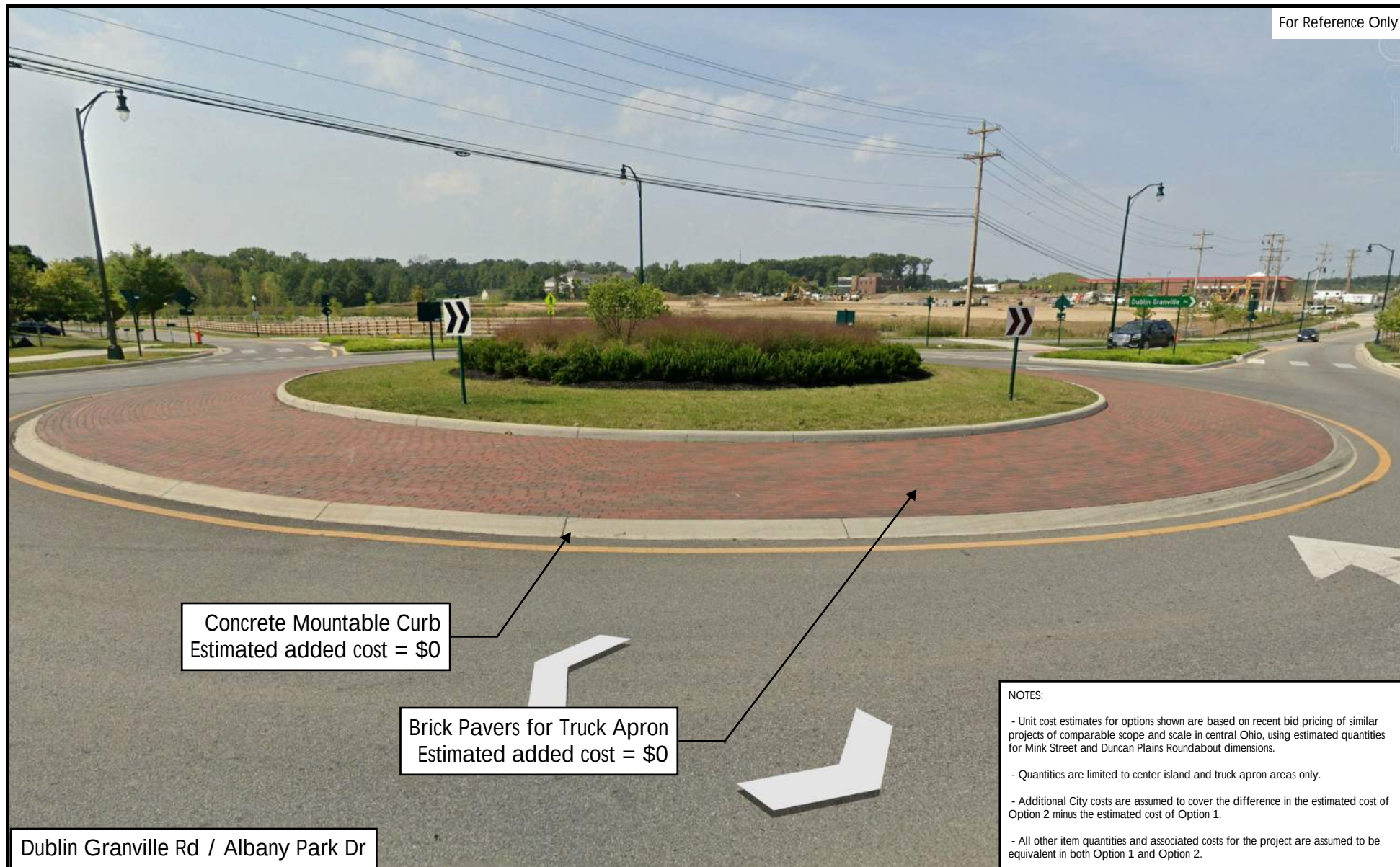
# Gender Rd / Lithopolis Rd

Maintaining Jurisdiction : Canal Winchester, OH  
ICD: 166 ft



OPTION 2 AESTHETIC EXAMPLE:  
ESTIMATED CITY CONSTRUCTION  
COST: \$61,350 (APPROXIMATE)

For Reference Only



Concrete Mountable Curb  
Estimated added cost = \$0

Brick Pavers for Truck Apron  
Estimated added cost = \$0

Dublin Granville Rd / Albany Park Dr

- NOTES:
- Unit cost estimates for options shown are based on recent bid pricing of similar projects of comparable scope and scale in central Ohio, using estimated quantities for Mink Street and Duncan Plains Roundabout dimensions.
  - Quantities are limited to center island and truck apron areas only.
  - Additional City costs are assumed to cover the difference in the estimated cost of Option 2 minus the estimated cost of Option 1.
  - All other item quantities and associated costs for the project are assumed to be equivalent in both Option 1 and Option 2.

OPTION 1 AESTHETIC EXAMPLE:  
CONCRETE MOUNTABLE CURB, BRICK PAVER TRUCK APRON  
  
ESTIMATED ADDED CITY CONSTRUCTION COST: \$0



OPTION 2 AESTHETIC EXAMPLE:  
GRANITE MOUNTABLE CURB, GRANITE PAVER TRUCK APRON  
ESTIMATED ADDED CITY CONSTRUCTION COST: \$119K

On the subject of the curb choice, realistically granite is going to be the only real alternative for mountable curb in the area that isn't going to have a substandard life-cycle cost compared to concrete curb. However, at a premium for granite material and installation, it could add about \$50K-\$70k to the initial cost of the project based on the estimated quantities. If aesthetics are the primary concern, keep in mind that there are options to stain concrete to look like stone if desired, but labor costs for this work vary on what aesthetic is selected.

See below for some quick information/summaries for your questions on material considerations for the roundabout.

Here is a general breakdown of considerations for brick pavers or natural material vs. stamped concrete for areas that don't receive heavy traffic.

| Feature            | Brick Pavers                  | Stamped Concrete              |
|--------------------|-------------------------------|-------------------------------|
| Initial Cost       | Higher                        | Lower                         |
| Maintenance        | Moderate to High              | Moderate                      |
| Durability         | Very High (50+ years)         | Moderate (25–30 years)        |
| Repairability      | Easy, low-cost                | Difficult, high-cost          |
| Design Flexibility | High (modular, varied styles) | High (custom patterns/colors) |
| Life Cycle Cost    | Lower overall                 | Higher due to repairs/sealing |

### **Brick Pavers**

#### **Initial Cost:**

- **Installation:** \$150/sy +/-
- Higher due to labor-intensive installation (each paver laid individually)

#### **Maintenance:**

- Requires **annual power washing, resealing, and joint sand replenishment** to prevent weed growth and shifting
- Individual pavers may settle unevenly and need to be lifted/reset

#### **Durability & Repairs:**

- **Extremely durable** and flexible under freeze-thaw cycles
- Easy to repair: damaged pavers can be replaced individually at low cost
- Lifespan: **50+ years** with proper care

#### **Long-Term Costs:**

- **Lower life cycle cost** due to minimal repair expenses and long lifespan

### **Stamped Concrete**

#### **Initial Cost:**

- **Installation:** \$300/sy +/-
- Lower upfront cost due to faster installation and less labor

#### **Maintenance:**

- Requires **resealing every 2–3 years** to prevent fading, cracking, and surface wear
- Cleaning is simpler (flat surface), but cracks can be harder to repair

#### **Durability & Repairs:**

- Prone to **cracking** over time, especially in freeze-thaw climates
- Repairs are **complex and costly**; patches often don't match original finish

- Lifespan: **25–30 years** with proper sealing and maintenance

**Long-Term Costs:**

- **Higher life cycle cost** due to resealing and expensive repairs

Here is a similar comparison for granite vs. concrete mountable curb

| Feature            | Granite Mountable Curb        | Concrete Mountable Curb       |
|--------------------|-------------------------------|-------------------------------|
| Initial Cost       | Higher                        | Lower                         |
| Maintenance        | Minimal                       | Moderate to High              |
| Durability         | Very High (50+ years)         | Moderate (20–30 years)        |
| Repairability      | Reusable, easy to reset       | Requires full replacement     |
| Weather Resistance | Excellent (freeze-thaw, salt) | Poor to moderate              |
| Life Cycle Cost    | Lower overall                 | Higher due to repairs/sealing |

**Granite Mountable Curbs**

**Initial Cost:**

- Typically significantly **higher** than concrete, recent projects showing prices as high as approximately **\$250 per linear foot** for similar size and scale of project.

**Maintenance:**

- **Virtually maintenance-free:** granite resists chipping, cracking, and weathering.
- No need for sealants or frequent repairs.

**Durability & Repairs:**

- **Indefinite lifespan:** granite withstands freeze-thaw cycles, road salt, and impacts far better than concrete.
- Can be **salvaged and reused** during reconstruction projects.
- Resistant to road milling and heavy traffic wear.

**Life Cycle Cost:**

- **Lower over time** due to minimal maintenance and replacement needs.

**Concrete Mountable Curbs**

**Initial Cost:**

- **Lower upfront cost**, typically **\$25 - \$35 per linear foot**.

**Maintenance:**

- Requires **regular upkeep:** sealing, patching, and eventual replacement.
- Susceptible to **cracking and spalling**, especially in freeze-thaw environments.

**Durability & Repairs:**

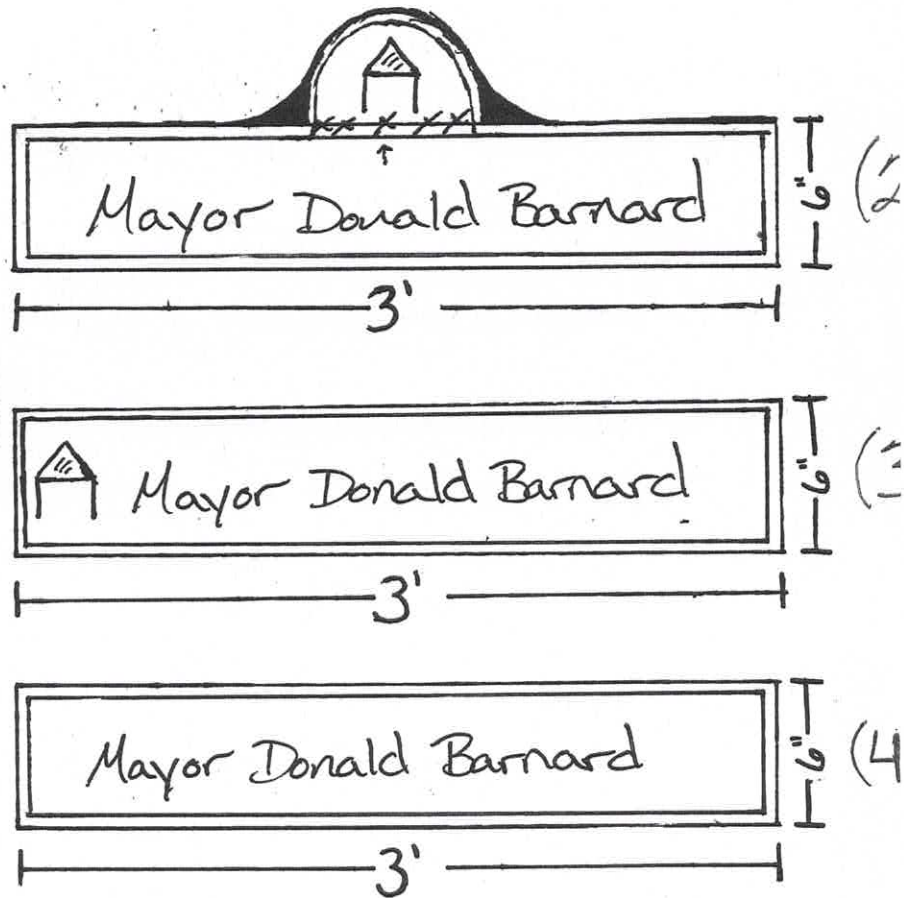
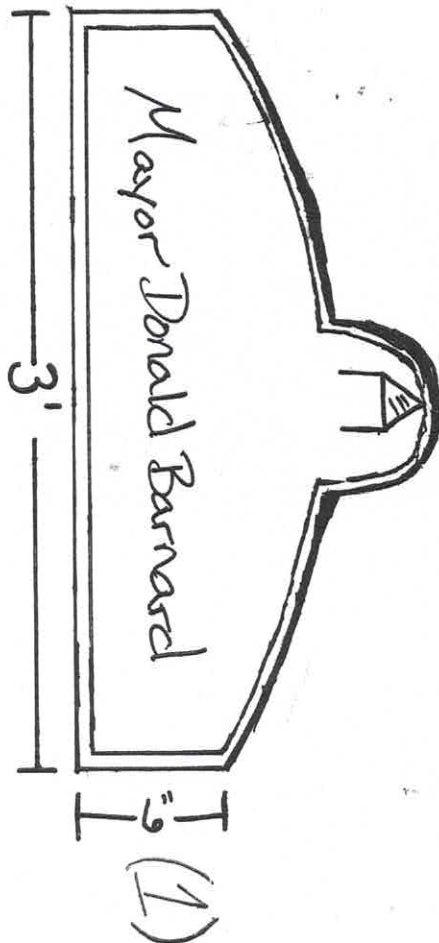
- Lifespan of **20–30 years**, depending on climate and traffic conditions.
- Repairs are more frequent and often involve full curb replacement.
- Deterioration often begins at the back of the curb due to moisture retention.

**Life Cycle Cost:**

- **Higher over time** due to recurring maintenance, disposal costs, and shorter lifespan.
- Disposal of deteriorated concrete curbs is increasingly expensive.

City logo  
Kupala

Single Sided  
only



Signs with a hump cost \$ 189.00

Signs That are rectangles cost \$ 74.50



McCracken Dr



McCracken Dr



McCracken Dr



**McCracken Dr**



McCracken Dr



# KLEEM, INC.

6370 Gano Rd  
West Chester, Ohio 45069

Phone 513-755-9000  
800-243-4949  
Fax 513-755-9300  
FED ID# 31-1140565

## Quote

| DATE     | Quote# |
|----------|--------|
| 9/5/2025 | 8697   |

### BILL TO:

\*\*\*EMAIL INVOICES ONLY\*\*\*

City of Johnstown  
599 S. Main Street  
Johnstown, OH 43031

### SHIP TO:

\*\*\*EMAIL INVOICES ONLY\*\*\*

City of Johnstown  
Dave Nichols  
94 E. College Ave.  
Johnstown, OH 43031

| Quote Prepared By | TERMS  | REP | SHIP VIA | REF / PROJ / JOB |
|-------------------|--------|-----|----------|------------------|
| MO                | Net 30 | DF  | Origin   |                  |

| ITEM                                            | DESCRIPTION                                     | QTY | UNIT  | TOTAL                 |
|-------------------------------------------------|-------------------------------------------------|-----|-------|-----------------------|
| 02                                              | 3M HIGH INTENSITY PRISMATIC FINISHED SIGNS .080 |     |       | 0.00                  |
| 06UL                                            | 6"/9" FLAT STREET NAME SIGN                     |     |       | 0.00                  |
|                                                 | WHITE ON GREEN / *** UPPER & lower Case ***     |     |       |                       |
| ISHSNF                                          | 24"- 36" x6 (Logo) Street Names                 | 1   | 64.74 | 64.74                 |
| ISHSNF                                          | 24"- 48" x9 (Logo) Street Names                 | 1   | 88.45 | 88.45                 |
| 02                                              | 3M HIGH INTENSITY PRISMATIC FINISHED SIGNS .080 |     |       | 0.00                  |
| 06UL                                            | 6"/ 9" FLAT STREET NAME SIGN                    |     |       | 0.00                  |
|                                                 | RED/BLACK/WHITE / *** UPPER & lower Case ***    |     |       |                       |
| ISHSNF                                          | 24"- 36" x6 (Logo) Street Names                 | 1   | 72.15 | 72.15                 |
| ISHSNF                                          | 24"- 48" x9 (Logo) Street Names                 | 1   | 96.54 | 96.54                 |
| SHIP                                            | Shipping & Handling Charge                      |     | 0.00  | 0.00                  |
| ****PRICE BREAKS WOULD APPLY AT QUANTITIES **** |                                                 |     |       |                       |
| 10, 25, 50,100+                                 |                                                 |     |       |                       |
| We Appreciate the Opportunity to Quote!!!       |                                                 |     |       | <b>TOTAL</b> \$321.88 |

Signature:

APPROVED BY: \_\_\_\_\_