

The City of *Columbus*

MEMORANDUM

DATE: April 16, 2025
FROM: Richard J. Bogus, P.E., City Engineer
TO: Tara Vasicek, City Administrator
RE: City Cost Shares of Paving and Infrastructure 2025

RECOMMENDATION:

Approval of the City of Columbus Cost Shares for the 2025 Construction Season as attached.

DISCUSSION:

In accordance with the City Assessment Policy, Development Agreements, and various City cost share policies and reimbursement the attached "City of Columbus Cost Shares for 2024-2025 Construction Season". is presented for approved work and services. The intent is to establish cost shares for the main construction items above those sizes or depths required for construction as established by the design engineer and accepted by the City Engineer. It is understood that not all items or services can be addressed.

The cost sharing is based on standard construction and conditions, with no additional cost sharing allowed due to above normal conditions, locations, material or labor supplier cost spikes, use of federal or state labor rates, or related work or situations. It is not the intent to cost share on every potential construction cost, materials, service, or requirement to build the project. Engineering fees are not a part of the reimbursement.

Costs were obtained from data and information local paving and infrastructure contractors and those who work in town, City bid projects tabulations, and some private development bid projects. If the developer/property owner provided cost request is less than the maximum cost share, the lower cost will be used.

FISCAL IMPACT:

City share of costs as stated in the attachment.

ALTERNATIVE:

Revise City cost share amounts or basis of calculation.

SIGNATURE:

By: Richard J. Bogus

Approved By: [Signature]

City of Columbus Cost Shares for 2025 Construction Season

In accordance with the City Assessment Policy, Development Agreements, and various City cost share policies and reimbursement the following is the 2025-2026 construction season City cost shares for approved work and services. ***The intent is to establish cost shares for the main construction items, as it is understood that not all items can be addressed. It is not the intent to fully pay for these items, but provide a partial reimbursement.*** Items not addressed will be reviewed by the City Engineer who will obtain data and information from contractor's who do not have a vested interest and determine cost shares for those items, if any.

The cost for improvements is based on standard construction and conditions, with no additional cost sharing allowed due to above normal conditions, locations, material or labor supplier cost spikes, use of federal or state labor rates, unsuitable soils, or related work or situations. It is not the intent to cost share on every potential construction cost, materials, service, or requirement to build the project. Engineering fees are not a part of the reimbursement.

Costs were obtained from data and information with local paving and infrastructure contractors and those who work in town, City bid projects tabulations, and some private development bid projects. If the developer/property owner provided a cost request is less than the maximum cost share, the lower cost will be used.

Water

Developer/Property Owner Cost – Cost of a PVC 6-inch diameter water main, gate valves with roadway box, fittings, fire hydrants, and service lines. This includes boring costs, dewatering costs, bedding, locator wire and attachments, thicker pipe class, and other costs associated with installation of the constructed water main

City Cost – The difference in cost between the base 6-inch diameter PVC water main, valve, fittings, and borings larger than 6-inch diameter. Paving removals, if any, are not a reimbursable expense.

Maximum cost differences from the base 6-inch diameter PVC water main per lineal foot, 6-inch gate valve and 6-inch fitting for standard construction

ADDITIONAL COST WATER MAIN	COST PER LINEAL FOOT
8-inch	\$ 4.55
10-inch	\$ 6.10
12-inch	\$13.75

ADDITIONAL COST GATE VALVE	COST PER EACH
8-inch	\$ 440.00
10-inch	\$1,105.00
12-inch	\$1,525.00

<i>ADDITIONAL COST STANDARD FITTING</i>	<i>COST PER EACH</i>
<i>8-inch</i>	<i>\$105.00</i>
<i>10-inch</i>	<i>\$244.00</i>
<i>12-inch</i>	<i>\$355.00</i>

Sanitary Sewer

Developer/Property Owner Cost – Cost of a PVC 8-inch diameter sewer main, manholes, tees, and service lines. This includes boring costs, dewatering costs, bedding, thicker pipe class, and other costs associated with installation of the constructed sewer main.

City Cost – The difference in cost the between the base 8-inch diameter PVC sanitary sewer main larger than 8-inches in diameter. Paving removals, if any, are not a reimbursable expense.

Maximum cost differences from the base 8-inch diameter PVC sanitary sewer main per lineal foot for standard construction

<i>ADDITIONAL COST SEWER MAIN</i>	<i>COST PER LINEAL FOOT</i>
<i>10-inch</i>	<i>\$ 6.10</i>
<i>12-inch</i>	<i>\$13.75</i>

Storm Sewer

Developer/Property Owner Cost (Residential) – 15-inch RCP or HDPE storm sewer, inlets, manholes, bedding, and other costs associated with installation of a 15-inch RCP storm sewer based on a 2-year, 24-hour design storm event flow rates. This includes boring costs, dewatering costs, bedding, and other costs associated with installation of the constructed storm sewer main. No additional compensation for arched or elliptical pipe, larger sized inlets or junction boxes. Box culvert oversizing above that required for the development will be negotiated with the City Engineer. Design Engineer to provide drainage calculations and area exhibit for determination.

Developer/Property Owner Cost (Commercial/Industrial) – Difference in cost of the diameter as determined by the Design Engineer and approved by the City Engineer based upon the 2- year, 24--hour design storm event flow rates and zoning in the development. This includes boring costs, dewatering costs, bedding, and other costs associated with installation of the constructed storm sewer main. No additional compensation for arched or elliptical pipe, larger sized inlets or junction boxes. Box culvert oversizing above that required for the development will be negotiated with the City Engineer. Design Engineer to provide drainage calculations and area exhibit for determination.

City Cost (Residential)– The difference in cost for an RCP or HDPE storm sewer larger than 15-inches in diameter. Paving removals are not a reimbursable expense. Paving and existing storm sewer or culvert removals, if any, are not a reimbursable expense.

City Cost (Commercial/Industrial) – The difference in cost for an RCP or HDPE storm sewer larger than the development determined diameter. The minimum commercial/industrial

diameter shall be 15-inches. Paving removals, if any, are not a reimbursable expense.

Maximum cost differences from the base 15-inch RCP and HDPE storm sewer per lineal foot for standard construction

ADDITIONAL COST STORM SEWER	COST PER LINEAL FOOT
18-inch	\$ 8.00
24-inch	\$ 22.00
30-inch	\$ 39.00
36-inch	\$ 59.00

Street Paving

Developer/Property Owner Cost (Residential) – 33-foot wide, 6-inch thick PC Concrete

Developer/Property Owner Cost (Commercial/Industrial) – 33-foot wide and the total thickness as determined by the Design Engineer and approved by the City Engineer based upon the traffic and zoning in the development

City Cost (Residential) – Difference in cost between PC concrete paving wider than 33-foot and thicker than 6-inches and intersection costs which are not assessable. Paving removals, if any, are not a reimbursable expense.

City Cost (Commercial/Industrial) – Difference in cost between PC Concrete paving wider than the paving width and thickness than the development determined amount and intersection costs which are not assessable. The minimum commercial/industrial width is 33-feet and thickness is 8-inches. Paving removals, if any, are not a reimbursable expense.

- **Maximum cost difference of PC Concrete paving per square yard per inch of thickness greater than 6-inches for standard mixes and construction = \$4.75 per square yard per additional inch of thickness**

ADDITIONAL COST PC CONCRETE	CALCULATION	COST PER SQUARE YARD
8-inch PC Concrete	\$4.75 X 2	\$ 9.50

- **Maximum cost per square yard of 6-inch PC concrete street paving, including all machine and hand work = \$68.00 per square yard**

MAXIMUM COST	COST PER SQUARE YARD
6-inch PC Concrete paving, including all machine & hand work	\$68.00

Intersection costs are for street paving which are not assessable. Intersection costs do not include any other work or service, such as but not limited to, sidewalks, utilities, signage, and so forth.

Sidewalks and Trails

Developer/Property Owner Cost – Sidewalk, 4-foot to 5-foot in width, or as required in the zoning, agreement, or to match existing sidewalks, 4-inch thick or 5-inch PC Concrete sidewalk paving as required. 6-inch thickness at driveways as required, thus no reimbursement for additional thickness. Trails – 8 feet or 10 feet width, as required on master plan, agreement, or to match existing trails, 6-inch thick PC Concrete trail paving as required.

City Cost – Actual cost of Americans with Disability Act ramp detectable warning panels obtained from the Public Works Department and intersection costs of sidewalk and related street paving. Paving removals, if any, are not a reimbursable expense.

- ***Maximum cost of ADA ramp detectable warning panel = purchased rate of panel from Public Works Department***

<i>ADA RAMP DETECTABLE WARNING PANEL</i>	<i>Federal ADA Compliant</i>	<i>COST PER PANEL</i>
<i>2-foot by 4-foot panel</i>	<i>Mandatory</i>	<i>\$130.00</i>

- ***Maximum cost per square yard of PC concrete sidewalk and trail paving***

<i>PC CONCRETE THICKNESS</i>	<i>PC CONCRETE WIDTH</i>	<i>COST PER SQUARE YARD</i>
<i>4-inch</i>	<i>4-foot by 5-foot</i>	<i>\$68.00</i>
<i>5-inch</i>	<i>Greater than 5-foot</i>	<i>\$78.00</i>
<i>6-inch</i>	<i>Regardless of width</i>	<i>\$83.00</i>
<i>Maximum cost difference of PC Concrete sidewalk and trail paving per square yard per inch of thickness greater for standard mixes and construction</i>		<i>\$4.75</i>