

# Capital Project Appropriation Request

4/22/2024

<b>FY 23/24</b>			Oracle Date	2024-04-22
			Commitments	\$2,807,800.00
<b>Project:</b>	<b>CP4000012</b>	<b>Lakeside Drive Bridge</b>	Obligations	\$0.00
<b>Agency:</b>	<b>0220</b>	<b>Operations: Engineering</b>	YTD Balance	\$92,200.00
			Amount Available	\$92,200.00
<b>Total Request: \$1,317,225.00</b>			Unfunded	\$0.00

**Part A - Description of Request**

Replacement of Bridge No. 04069, Lakeside Drive Bridge over North Stamford Reservoir. The purpose of the project is to replace the structure which is currently structurally deficient and includes the replacement of a 16" water main funded by Aquarion water company. The existing structure was built in 1936 and reconstructed in 1993. The proposed bridge span is 36 feet long and the curb to curb width is 24 feet. Project requires 40 micro piles to support abutment and wingwalls, guiderail, fencing, and a new water main. A traffic detour is required.

The project is identified as State Project No. 0135-0343 which qualifies for funding under the State Federal Bridge Program (20% State and 80% Federal).

Refer to February 5, 2024 State of Connecticut Project Authorization Letter and the City/Aquarion Agreement attached.


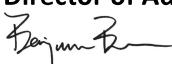


**Part B - Appropriation Request Detail**

Fund Source	FY 23/24	Capital Forecast						Total
	Amount	FY 24/25	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	
State Grant	190,740.00	0	0	0	0	0	0	190,740.00
Federal Grant	762,960.00	0	0	0	0	0	0	762,960.00
Private Contributions	363,525.00	0	0	0	0	0	0	363,525.00
<b>Total</b>	<b>\$1,317,225.00</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,317,225.00</b>

**Part C - Project History**

Fiscal Year	Authorizations	Encumbered	Expenditure	Balance
2024	2,900,000.00	2,807,800.00	0.00	92,200.00
<b>Total</b>	<b>\$2,900,000.00</b>	<b>\$2,807,800.00</b>	<b>\$0.00</b>	<b>\$92,200.00</b>

**Part D - Approvals**

<b>Preparer</b> <i>OPM Dept</i>	<b>Date</b> 04/23/2024	<b>OPM Director/OPM Asst Director</b>  <small>Elda Sinani (Apr 24, 2024 13:32 EDT)</small>	<b>Date</b> Apr 24, 2024
<b>Department Head</b> <i>Louis Casolo</i>	<b>Date</b> Apr 24, 2024	<b>Director of Administration</b> 	<b>Date</b> Apr 24, 2024
<b>Director</b>  <small>Matt Quiñones (Apr 24, 2024 10:47 EDT)</small>	<b>Date</b> Apr 24, 2024	<b>Mayor</b> 	<b>Date</b> Apr 24, 2024



# STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION



2800 BERLIN TURNPIKE, P.O. BOX 317546  
NEWINGTON, CONNECTICUT 06131-7546

February 5, 2024

The Honorable Caroline Simmons  
Mayor  
City of Stamford  
Stamford Government Center  
888 Washington Boulevard, 10<sup>th</sup> Floor  
Stamford, Connecticut 06901

Dear Mayor Simmons:

Subject: Project Authorization Letter  
Construction of the Replacement of Bridge No. 04069  
State Project No. 0135-0343  
Federal-Aid Project No. 6135(027)  
Master Agreement No. 11.16-02(12)  
CORE ID No. 13DOT0144AA  
City of Stamford

On January 2, 2013, the State of Connecticut, Department of Transportation (Department or DOT) and the City of Stamford (Municipality) entered into the Master Municipal Agreement for Construction Projects (Master Agreement) noted above. This Project Authorization Letter (PAL) is issued pursuant to the Master Agreement. Except for the term "Construction Project," the capitalized terms used in this PAL are the same as those used in the Master Agreement. The Department and the Municipality agree that "Construction Project," as referred to in this PAL, means the construction phase activities undertaken by the Municipality, with DOT-provided Services, to construct improvements on Municipality-owned and/or Municipality-maintained facilities.

The Municipality, except as otherwise provided for hereafter, is responsible for the Administration of the Construction Project noted above. The DOT is responsible for the Administration of Design Services During Construction (DSDC), which may include but not be limited to consultant review and approval of shop plans and working drawings, visits to the work site, field consultation and performance of unforeseen design modifications that may become necessary, all as defined in Section 1.12 of the Master Agreement. The DOT shall also provide oversight services, which may include but not be limited to material testing, administrative oversight, and liaison with other governmental agencies to ensure satisfactory adherence to state and federal requirements.

The Construction Project is to include the Contract Items, Contingencies, Inspection Activities and other Incidentals to Construction, as related to the replacement of the Lakeside Drive Bridge over North Stamford Reservoir (Bridge No. 04069) and reconstruction of the associated bridge approaches. Upon completion of the Construction Project, the Municipality shall assume full responsibility for the proper maintenance and operation of all of the Municipality's facilities constructed within the project limits.

The Honorable Caroline Simmons

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February 5, 2024

Funding for the Construction Project is provided under the Federal “Moving Ahead for Progress in the 21<sup>st</sup> Century Act” (MAP-21) and/or “Fixing America’s Surface Transportation Act” (FAST) and/or “Infrastructure Investment and Jobs Act” (IIJA) with an apportionment of 80 percent minimum federal share and a state matching share of up to 20 percent. Payment for eligible project costs incurred by the Municipality will be on a reimbursement basis. The maximum reimbursement to the Municipality under the PAL is Three Million Eight Hundred Fifty-three Thousand Seven Hundred Dollars and No Cents (\$3,853,700.00). In addition, any reimbursement for actual expenditures will be in accordance with the terms of the Master Agreement. Costs contained in this PAL shall not be exceeded without first obtaining written permission from the DOT. Enclosed is an estimated cost breakdown for Construction Project activities. A Demand Deposit in the amount of Zero Dollars is due the DOT.

This Construction Project has been assigned a DBE goal of 11 percent for construction and a goal of zero percent for Consultant Inspection Activities. The Municipality shall comply with the requirements pertaining to the goal as stipulated in the Master Agreement.

The issuance of the PAL itself is not an authorization for the Municipality to begin performing work with respect to the Construction Project. The Municipality may advance or begin work on the Construction Project only after an Authorization to Award Notice has been received from the DOT.

Please indicate your concurrence with the PAL by signing below and returning a copy to the Project Manager hereafter listed at the letterhead address within 30 days of receipt. By signing below, the Municipality also agrees to assume full responsibility for the proper maintenance and operation of all of the Municipality’s facilities constructed within the project limits, as described above. Submission of the Written Acknowledgement of the PAL by hard copy, facsimile or electronic transmission is acceptable. The Master Agreement and the PAL will be incorporated into one another in their entirety and contain the legal and binding obligations of the Municipality with respect to the Construction Project. The PAL will remain in effect through completion and final acceptance by the DOT of the respective Construction Project. Please retain a copy of this signed PAL for your records.

If you have any questions, please contact the Project Manager, Mr. Marc P. Byrnes, at (860) 594-3489 or [Marc.Byrnes@ct.gov](mailto:Marc.Byrnes@ct.gov).

Very truly yours,

DocuSigned by:  
*James A. Fallon, P.E.*  
AF5C8AA4ECCE4C5...  
James A. Fallon, P.E.  
Assistant Chief Engineer  
Bureau of Engineering and Construction

Enclosure

Concurred By \_\_\_\_\_ Date \_\_\_\_\_  
The Honorable Caroline Simmons  
Mayor  
City of Stamford

cc: Mr. Louis A. Casolo, Jr., P.E. – Stamford City Engineer

PAL ATTACHMENT  
STATE PROJECT NO. 0135-0343  
FEDERAL-AID PROJECT NO. 6135(027)  
ESTIMATED CONSTRUCTION COSTS

FEDERAL-AID PARTICIPATING COSTS

A. <sup>(1)</sup> Contract Items and Contingencies - Participating .....	\$ 3,405,100
B. Incidentals to Construction – Municipal Services (Consultant Inspection).....	\$ 407,800
C. <sup>(2)</sup> Extra Work Allowance – Municipal Services .....	\$ 40,800
D. Total Municipal Cost (A+B+C).....	\$ 3,853,700
E. <sup>(3)</sup> Incidentals to Construction – DOT Consultant DSDC .....	\$ 21,000
F. <sup>(4)</sup> Incidentals to Construction – DOT Consulting Liaison Engineer Services .....	\$ 75,000
G. Incidentals to Construction – DOT OEP CDC .....	\$ 7,500
H. Incidentals to Construction – DOT District Administrative Oversight .....	\$ 154,800
I. Incidentals to Construction – DOT Materials Testing.....	\$ 92,900
J. Incidentals to Construction – DOT Audits and Record Examiners.....	\$ 7,000
K. Extra Work Allowance – DOT Forces (10% ± of [H+I]) .....	\$ 24,800
L. Total Incidentals to Construction – DOT (E+F+G+H+I+J+K) .....	\$ 383,000
M. Total Construction Cost – Participating (D+L) .....	\$ 4,236,700
N. Minimum Federal Proportionate Share of the Total Construction Cost – Participating (80% of L).....	\$ 3,389,360
N. <sup>(5)</sup> Matching DOT Proportionate Share of the Total Construction Cost – Participating (M – N) .....	\$ 847,340
O. Maximum Amount of Reimbursement to the Municipality (100% of D) .....	\$ 3,853,700
P. Demand Deposit Required from the Municipality.....	\$ – 0 –

FEDERAL-AID NON-PARTICIPATING COSTS (NO REIMBURSEMENT)

Construction Costs not included above <sup>(6)</sup> .....	\$ 399,875
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<sup>(1)</sup> Consists of \$3,095,550 (Low Bidder’s Federal-aid Participating Contract Items total of \$3,095,549.50, rounded to the nearest \$10) + \$309,550 (10% ± Contingencies).

<sup>(2)</sup> Equals 10% ± of B.

<sup>(3)</sup> Includes \$6,000 negotiated lump sum fee for Shop Drawing Review + \$15,000 negotiated maximum fee, including direct costs, for Working Drawing Review and extra work.

<sup>(4)</sup> Includes \$15,000 allowance for Administrative Oversight by DOT Consultant Bridge Design - CLE Program staff + \$60,000 allowance for Administrative Oversight by Consulting Liaison Engineer.

<sup>(5)</sup> The value shown indicates the maximum amount (20%) of the Total Construction Cost that will be required to be financed with State bridge bond funds, assuming that only the minimum 80% Federal participation rate is applied.

<sup>(6)</sup> Costs for Low Bidder’s relocation of Aquarion Water Company of Connecticut water distribution utility facilities: Low Bidder’s Federal-aid Non-participating Contract Items total for Item #0202454A (\$10,000) + Item #1300007A (\$1,000) + Item #1300015A (\$1,500) + Item #1300151A (\$3,375) + Item #1301085A (\$18,750) + Item #1301656A (\$15,000) + Item #1301861A (\$175,000) + Item #1301900A (\$5,000) + Item #1302139A (\$5,000) + Item #1302181A (\$60,000) + Item #1302901A (\$1,000) + Item #1304060A (\$4,900) + Item #1304070A (\$10,000) + Item #1304111A (\$3,000) + Item #1309355A (\$50,000) = \$363,525 + \$36,350 (10% ± Contingencies).

## CONSTRUCTION AGREEMENT

This Agreement, made and concluded at Stamford, Connecticut this \_\_\_\_\_ day of \_\_\_\_\_, between the City of Stamford, hereinafter referred to as “the City”, and Aquarion Water Company, Owner(s) of Water Utility, hereinafter referred to as the “Utility”:

WITNESSETH: THAT WHEREAS, the City of Stamford and Aquarion Water Company have agreed that the Utility will be 100% responsible for costs associated with waterline utility work and inspection services by Luchs Consulting Engineering, related to the Replacement of Bridge No. 04069 Lakeside Drive over North Stamford Reservoir Project. Reference is made in accordance with Section 13a-98f and Section 13a-98K of the General Statutes of Connecticut, that Aquarion is hereby ordered to adjust or relocate utility facilities prior to construction or in cooperation with the contractor during construction. The City has issued a permit to construct and/or relocate the water line within the City/Public Right of Way, described as follows: The City will hire per contract plans and specifications, the bridge contractor to install and furnish materials for water utility relocation associated within the bridge construction as shown on said plans.

WHEREAS, it is agreed upon that the City of Stamford and the Utility will work in cooperation with the bridge contractor in a timely and professional workmanship manner.

NOW THEREFORE, KNOW YE, that it is understood and agreed between the parties hereto, that this Agreement is a temporary privilege to allow construction within the bridge project and that Aquarion Water Company will pay a demand deposit of **\$363,525.00** based on contract bid pricing. Upon actual contract items and pay items, after construction both the City of Stamford and Aquarion Water Company agree that a refund would be due to Aquarion Water Company, if costs were less than the bid amount (Demand Deposit) or that Aquarion Water Company will pay all deficit costs related to (water) utility work to the City of Stamford if the actual costs were greater than the bid amount (Demand Deposit).

Attached to this agreement, is the schedule of value Addendum#5 dated November 17,2023 (Items Highlighted in yellow) for Utility Work associated with the Replacement of Bridge No. 04069 Lakeside Drive over North Stamford Reservoir Project.

Both the Utility (Aquarion Water Company) and City of Stamford will agree on utility specific details and specifications that will be included in the Bridge Contract.

It will be the Permit Holder’s responsibility to meet OSHA regulations, permit and contract conditions, hire Police for traffic control (if necessary), and perform typical maintenance, etc.

CITY OF STAMFORD

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City of Stamford

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AQUARION WATER COMPANY REPRESENTATIVE

**CITY OF STAMFORD**  
**SCHEDULE OF PRICES**  
**FOR THE CONSTRUCTION OF**  
**STATE PROJECT NO. 0135-0343, FAP #6135(027)**  
**REPLACEMENT OF BRIDGE NO. 04069**  
**LAKESIDE DRIVE OVER NORTH STAMFORD RESERVOIR**  
**ADDENDUM #5 NOVEMBER 17, 2023**

DATE OF  
 BID OPENING

**November 28, 2023** TIME: **11:00 A.M.** **NO BIDS WILL BE ACCEPTED AFTER 11:00 A.M. "NO EXCEPTIONS"**

Note: --- The bidder shall fill in, under the column "Unit Prices Bid," the unit prices, written in words and in numbers, for which he proposes to perform the various items of work called for, and under the column headed "Amount," the amount of each of the items at the unit price bid. After the proposal is opened and read, the quantities will be extended and totaled in accordance with the written bid prices and the bid will be verified or corrected.

Item Number	Items	Unit	Approximate Quantities	Unit Prices Bid		Amount (Figures)
				Figures	Writing	
0020765A	Guano Abatement	c.f.	100	40	Forty Dollars and Zero Cents	4000
0020903A	Lead Compliance for Miscellaneous Exterior Tasks	L.S.	1	5000	Five Thousand Dollars and Zero Cents	5000
0101099A	Spoil Handling Areas	ea.	1	1000	One Thousand Dollars and Zero Cents	1000
0201001	Clearing and Grubbing	L.S.	1	50000	Fifty Thousand Dollars and Zero Cents	50000
0202000	Earth Excavation	c.y.	343	50	Fifty Dollars and Zero Cents	17150
0202100	Rock Excavation	c.y.	38	\$ 50.00	Fifty Dollars and Zero Cents	1900
0202217A	Supplemental Streambed Channel Material	est.	5,000	\$ 1.00	One Dollar and no Cents	5000
0202454A	Special Test Pit - Water Main	ea.	4	\$ 2,500.00	Two Thousand Five Hundred Dollars and Zero Cents	10000
0202529	Cut Bituminous Concrete Pavement	l.f.	51	10	Ten Dollars and Zero Cents	510
0203202	Structure Excavation-Earth (Excluding Cofferdam and Dewatering)	c.y.	440	75	Seventy Five Dollars and Zero Cents	33000
0203304	Structure Excavation - Rock (Excluding Cofferdam and Dewatering)	c.y.	189	75	Seventy Five Dollars and Zero Cents	14175
0204001	Cofferdam and Dewatering	l.f.	480	\$ 400.00	Four Hundred Dollars and Zero Cents	192000
0209001	Formation of Subgrade	s.y.	640	6	Six Dollars and Zero Cents	3840
0210821A	Water Pollution Control	est.	1,700	\$ 1.00	One Dollar and no Cents	1700
0212000	Subbase	c.y.	247	85	Eighty Five Dollars and Zero Cents	20995
0213100	Granular Fill	c.y.	36	85	Eighty Five Dollars and Zero Cents	3060
0216000	Pervious Structure Backfill	c.y.	235	120	One Hundred Twenty Dollars and Zero Cents	28200
0219001	Sedimentation Control System	l.f.	595	5	Five Dollars and Zero Cents	2975
0406171	HMA S0.5	ton	243	\$ 225.00	Two Hundred Twenty Five Dollars and Zero Cents	54675
0406173	HMA S0.25	ton	15	\$ 350.00	Three Hundred Fifty Dollars and Zero Cents	5250
0406194A	Joint and Crack Sealing of Bituminous Concrete Pavement	l.f.	188	\$10.00	Ten Dollars and Zero Cents	1880
0406236	Material for Tack Coat	gal.	73	10	Ten Dollars and Zero Cents	730
0406303A	Sawing and Sealing Joints	l.f.	99	40	Forty Dollars and Zero Cents	3960
0406999A	Asphalt Adjustment Cost (Estimated Cost)	est.	10000	\$ 1.00	One Dollar and no Cents	10000
0503001A	Removal of Superstructure	L.S.	1	85000	Eighty Five Thousand Dollars and Zero Cents	85000
0508050	Shear Connectors	ea.	1,220	8	Eight Dollars and Zero Cents	9760
0520036A	Asphaltic Plug Expansion Joint System	c.f.	20	510	Five Hundred Ten Dollars and Zero Cents	10200
0601062	Footing Concrete	c.y.	66	850	Eight Hundred Fifty Dollars and Zero Cents	56100
0601064	Abutment and Wall Concrete	c.y.	76	1000	One Thousand Dollars and Zero Cents	76000
0601118	Bridge Deck Concrete	c.y.	64	4000	Four Thousand Dollars and Zero Cents	256000
0601123	Approach Slab Concrete	c.y.	36	750	Seven Hundred Fifty Dollars and Zero Cents	27000
0601504	1" Prefomed Expansion Joint Filler for Bridges	s.f.	185	10	Ten Dollars and Zero Cents	1850
0602030	Deformed Steel Bars - Galvanized	lb.	49,000	2.5	Two Dollars and Fifty Cents	122500
0602054	Welded Wire Fabric - Galvanized	s.y.	30	10	Ten Dollars and Zero Cents	300
0603028A	Containment and Oil Absorbent Booms	L.S.	1	2500	Two Thousand Five Hundred Dollars and Zero Cents	2500

Kindly insert here the total amount of your Bid \$ \_\_\_\_\_

**3459074.5**

It is understood that the unit prices shall govern in case of discrepancy between the unit-prices and this amount.

This bid includes addenda no.: \_\_\_\_\_ One (1), Two (2), Three (3), Four (4) and Five (5)

**CITY OF STAMFORD**  
**SCHEDULE OF PRICES**  
**FOR THE CONSTRUCTION OF**  
**STATE PROJECT NO. 0135-0343, FAP #6135(027)**  
**REPLACEMENT OF BRIDGE NO. 04069**  
**LAKESIDE DRIVE OVER NORTH STAMFORD RESERVOIR**  
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Note: --- The bidder shall fill in, under the column "Unit Prices Bid," the unit prices, written in words and in numbers, for which he proposes to perform the various items of work called for, and under the column headed "Amount," the amount of each of the items at the unit price bid. After the proposal is opened and read, the quantities will be extended and totaled in accordance with the written bid prices and the bid will be verified or corrected.

Item Number	Items	Unit	Approximate Quantities	Unit Prices Bid		Amount (Figures)
				Figures	Writing	
0975004	Mobilization and Project Closeout	L.S.	1	320000	Three Hundred Twenty Thousand Dollars and Zero Cents	320000
0976002	Barricade Warning Lights - High Intensity	day	1,464	1	One Dollar and Zero Cents	1464
0978002	Traffic Drum	ea.	36	50	Fifty Dollars and Zero Cents	1800
0979003	Construction Barricade Type III	ea.	6	100	One Hundred Dollars and Zero Cents	600
0980020	Construction Surveying	L.S.	1	\$ 125,000.00	One Hundred Twenty Five Thousand Dollars and Zero Cents	125000
1205210	Type DE-4A Delineator	ea.	8	\$ 25.00	Twenty Five Dollars and Zero Cents	200
1205500	Metal Beam Rail Delineator	ea.	50	\$ 10.00	Ten Dollars and Zero Cents	500
1206023A	Removal and Relocation of Existing Signs	L.S.	1	\$1,000.00	One Thousand Dollars and Zero Cents	1000
1208937	Sign Face - Sheet Aluminum (Type XI Retroreflective Sheeting)	s.f.	5	\$200.00	Two Hundred Dollars and Zero Cents	1000
1210102	4in Yellow Epoxy Resin Pavement Markings	l.f.	900	2.5	Two Dollars and Fifty Cents	2250
1211001	Removal of Pavement Markings	s.f.	91	3.5	Three Dollars and Fifty Cents	318.5
1220027A	Construction Signs	s.f.	457	30	Thirty Dollars and Zero Cents	13710
1300007A	Excavation and Disposal of Unsuitable Material (Water Main)	c.y.	25	40	Forty Dollars and Zero Cents	1000
1300015A	Rock-in-Trench Excavation 0'-10' Deep (Water Main)	c.y.	20	75	Seventy Five Dollars and Zero Cents	1500
1300151A	Additional Backfill Material (Water Main)	c.y.	75	45	Forty Five Dollars and Zero Cents	3375
1301085A	16" Ductile Iron Pipe (Water Main)	l.f.	125	150	One Hundred Fifty Dollars and Zero Cents	18750
1301656A	16in Ductile Iron Pipe Installed on Bridge(Water Main)	L.S.	1	15000	Fifteen Thousand Dollars and Zero Cents	15000
1301861A	Furnish Pipe, Valves and Miscellaneous Fittings (Water Main)	L.S.	1	175000	One Hundred Seventy Five Thousand Dollars and Zero Cents	175000
1301900A	Hydrostatic Pressure Test	ea.	1	5000	Five Thousand Dollars and Zero Cents	5000
1302139A	Cut and Cap (Water Main)	ea.	2	2500	Two Thousand Five Hundred Dollars and Zero Cents	5000
1302181A	16in X 16in Tapping Sleeve + 16in Valve	ea.	2	30000	Thirty Thousand Dollars and Zero Cents	60000
1302901A	Air Relief Valve (Water Main)	ea.	2	500	Five Hundred Dollars and Zero Cents	1000
1304060A	Temporary Pavement Repairs (Water Main)	s.y.	140	35	Thirty Five Dollars and Zero Cents	4900
1304070A	Restraint Existing Pipe Joint	ea.	10	1000	One Thousand Dollars and Zero Cents	10000
1304111A	Class "C" Concrete (Water Main)	c.y.	10	300	Three Hundred Dollars and Zero Cents	3000
1309355A	16in Line Stop	ea.	2	25000	Twenty Five Thousand Dollars and Zero Cents	50000
1507000A	Protection and Support of Existing Utilities	L.S.	1	25000	Twenty Five Thousand Dollars and Zero Cents	25000
					<b>Total Aquarion Cost=\$363,525.00</b>	

Kindly insert here the total amount of your Bid \$ \_\_\_\_\_ 3459074.5  
 It is understood that the unit prices shall govern in case of discrepancy between the unit-prices and this amount.  
 This bid includes addenda no.: \_\_\_\_\_ One (1), Two (2), Three (3), Four (4) and Five (5)