

PROJECT COST

Prepared for City of LeClaire, Iowa
The US 67 Corridor Connectivity Improvements and Mississippi Riverfront Revitalization Project
2020 BUILD Grant Application
May 11, 2020

City of LeClaire US 67 Corridor Connectivity Improvements and Mississippi Riverfront Revitalization Project Cost

Date: 5/11/2020

Project Budget Summary	
Item	Cost
Phase 1 -US 67/Cody Road ADA Phase 1	\$ 1,000,000
Phase 2- Territorial Road Connectivity Improvements	\$ 2,200,000
Phase 3 - US 67/Cody Road Phase II	\$ 4,831,601
Phase 4 -Wisconsin St. Conectivity Improvements and Green Infrastructure Phase I	\$ 2,000,000
Phase 5- Riverfront Dockage, Trail Bridges	\$ 6,915,755
Phase 6 - Wisconsin St. Conectivity Improvements and Green Infrastructure Phase II	\$ 2,000,000
Phase 7- Riverfront Gathering Area, Trail & Parking lots, Playground	\$ 6,760,022
Phase 8 - Wisconsin St. Conectivity Improvements and Green Infracture Phase III	\$ 2,000,000
Phase 9 - Green Gables Marina Improvements	\$ 1,750,000
BUILD Grant Construction Engineering	\$ 1,682,489
Total Project Budget	\$ 31,139,868

City of LeClaire US 67 Corridor Connectivity Improvements and Mississippi Riverfront Revitalization Project Cost

Date: 5/11/2020

Project Budget Summary								
Identify Source	Received	BUILD GRANT \$	HBRRP Federal Loan/Grant \$	State BIG Grant \$	Iowa DOT \$		Local \$	Total \$
Phase 1 - US 67/Cody Road ADA Phase 1	Received				\$ 1,000,000			\$ 1,000,000
Phase 2- Territorial Road Bridges	Received		\$ 800,000		\$ 800,000		\$ 600,000	\$ 2,200,000
Phase 3 - US 67/Cody Road Phase II		\$ 4,581,601			\$ 250,000			\$ 4,831,601
Phase 4 -Wisconsin Phase I	Received						\$ 2,000,000	\$ 2,000,000
Phase 5- Riverfront Dockage, Trail Bridges		\$ 6,715,755		\$ 200,000				\$ 6,915,755
Phase 6 - Wisconsin Phase II	Received						\$ 2,000,000	\$ 2,000,000
Phase 7- Riverfront Gathering Area, Trail & Parking lots, Playground		\$ 6,760,022						\$ 6,760,022
Phase 8 - Wisconsin Phase III	Received						\$ 2,000,000	\$ 2,000,000
Phase 9 - Green Gables Marina Improvements		\$ 1,750,000						\$ 1,750,000
BUILD Grant Construction Engineering	Received						\$ 1,682,489	\$ 1,682,489
Total Project Funding Source		\$ 19,807,379	\$ 800,000	\$ 200,000	\$ 2,050,000	\$ -	\$ 8,282,489	\$ 31,139,868
Total Project %		64%	3%	1%	7%	0%	27%	100%

City of LeClaire US 67 Corridor Connectivity Improvements and Mississippi Riverfront Revitalization Project Cost BUILD Grant Budget

Date: 5/11/2020

Riverfront Dockage, Trail Bridge, Improvements Cost Estimate				
Item	Unit	Quantity	Unit Price	Extended Price
Transient Dockage	SF	18,350	\$ 125	\$ 2,293,750
Trail Bridge	SF	6,453	\$ 250	\$ 1,613,250
Trail Bridge	SF	306	\$ 250	\$ 76,500
Terrace Seating	LF	1,000	\$ 500	\$ 500,000
Fishing Piers/Outlooks	SF	1,400	\$ 200	\$ 280,000
Sheetpile wall with Concrete Cap (1340' X 15')	SF	20,100	\$ 35	\$ 703,500
Subtotal				\$ 5,467,000

Contigency	\$	820,050
NEPA & Design Engineering	\$	628,705
Riverfront Subtotal	\$	6,915,755

City of LeClaire US 67 Corridor Connectivity Improvements and Mississippi Riverfront Revitalization Project Cost

BUILD Grant Budget

Date:5/11/2020

Riverfront Gathering Area, Trail & Parking lots, Playground Improvements Cost Estimate				
Item	Unit	Quantity	Unit Price	Extended Price
Parking Lot Removal	SY	12,374	\$ 10	\$ 123,740
Dock Removal	LS	1	\$ 5,000	\$ 5,000
Sidewalk Removal	SF	2,000	\$ 2	\$ 3,000
Boat Dock Removal	LS	1	\$ 4,000	\$ 4,000
Earthwork	CY	4,932	\$ 20	\$ 98,640
8" PCC Drive (includes curbs)	SY	5,204	\$ 55	\$ 286,220
PCC Parking Lot, 6" Thick (includes striping & additional curb/gutter)	SY	5,183	\$ 50	\$ 259,150
Plaza Permeable Pavers	SY	2,155	\$ 100	\$ 215,500
15' Wide PCC Trail, 6" Thick	SY	5,868	\$ 55	\$ 322,740
Planter Curb	LF	960	\$ 30	\$ 28,800
PCC Sidewalks	SF	30,905	\$ 6	\$ 185,430
Granular Subbase, 6" Thick	SY	17,881	\$ 9	\$ 151,984
Trees	EA	170	\$ 500	\$ 85,000
Bushes	EA	100	\$ 250	\$ 25,000
Plants	EA	1,000	\$ 25	\$ 25,000
Planter Top Soil & Mulch	SY	1,200	\$ 12	\$ 14,400
Pedestrian Railroad Crossing	EA	1	\$ 250,000	\$ 250,000
Playground	SY	950	\$ 55	\$ 52,250
Top Soil & Seeding Area (for grass area)	SY	21,933	\$ 9	\$ 197,397
Top Soil & Seeding Area (For Greenspace Plaza Area)	SY	1,445	\$ 12	\$ 17,340
Storm Sewer (includes all labor, equip, materials minus pavement)	LF	1,820	\$ 45	\$ 81,900
Storm Inlets	EA	15	\$ 2,500	\$ 37,500
Restroom/Concessions	SF	2,150	\$ 280	\$ 602,000
Restroom	SF	1,100	\$ 280	\$ 308,000
Concert Stage/Pavillion	SF	1,700	\$ 440	\$ 748,000
Picnic Pavillion	SF	2,400	\$ 145	\$ 348,000
Pocket Park	SF	7,500	\$ 40	\$ 300,000
Interactive Water Feature	SF	1,262	\$ 450	\$ 567,900
			Subtotal	\$ 5,343,891

Contigency \$ 801,584

NEPA & Design Engineering \$ 614,547

Riverfront Subtotal \$ 6,760,022

Riverfront Grand Total \$ 13,675,777

City of LeClaire US 67 Corridor Connectivity Improvements and Mississippi Riverfront Revitalization Project Cost BUILD Grant Budget (Continued)

Date: 5/11/2020

US 67/Cody Road Complete Streets Cost Estimate				
Item	Unit	Quantity	Unit Price	Extended Price
MOBILIZATION	LS	1	\$60,000	\$60,000
CONSTRUCTION LAYOUT	LS	1	\$40,000	\$40,000
TRAFFIC CONTROL & PROTECTION	LS	1	\$35,000	\$35,000
PAVEMENT REMOVAL	SY	6921	\$10	\$69,210
HMA MILLING, 4"	SY	2900	\$5	\$14,500
DRIVEWAY REMOVAL	SY	2000	\$10	\$20,000
INTAKE REMOVAL	EACH	10	\$1,500	\$15,000
CULVERT REMOVAL (18" OR LESS)	LF	350	\$8	\$2,800
CULVERT REMOVAL (84")	LF	80	\$100	\$8,000
STORM SEWER REMOVAL (18" OR LESS)	LF	500	\$10	\$5,000
TYPE A SIGNS REMOVAL	EACH	12	\$50	\$600
LANDSCAPE RETAINING WALL, REMOVAL	SF	6500	\$15	\$97,500
TREE REMOVAL	DIA	500	\$20	\$10,000
CLEARING & GRUBBING	LS	1	\$5,000	\$5,000
EARTH EXCAVATION	CY	7000	\$8	\$54,250
GRANULAR SUBBASE (GRADATION 14), 4" THICK	SY	6592	\$6	\$39,552
GRANULAR SUBBASE (GRADATION 14), 8" THICK	SY	7267	\$8	\$58,136
GEOTECH FABRIC	SY	7267	\$3	\$21,801
SUBGRADE STABILIZATION MATERIAL, POLYMER GRID	SY	2100	\$6	\$12,600
TEMPORARY GRANULAR SURFACING	TON	1000	\$26	\$26,000
PCC PAVEMENT, 8" THICK (INTEGRAL CURB & GUTTER)	SY	3461	\$50	\$173,050
PERMEABLE PAVERS, 8" THICK (INTEGRAL CURB & GUTTER)	SY	3460	\$100	\$346,000
HMA PAVEMENT, 4" THICK	TON	1350	\$95	\$128,250
PCC DRIVEWAY, 6" THICK	SY	1000	\$50	\$50,000
PCC EXPOSED AGGEGRATE SIDEWALK, 6"	SF	9492	\$10	\$94,920
PCC SIDEWALK, 6" THICK	SF	49833	\$6	\$298,998
PCC SIDEWALK, ADA RAMP	SF	1430	\$10	\$14,300
ADA DETECTABLE WARNING	SF	208	\$40	\$8,320
PCC STAINED BROOMED CONCRETE CROSSWALKS,10"	SF	3840	\$20	\$76,800
PCC STAINED STAMPED CONCRETE,6"	SF	6000	\$18	\$108,000
SUBDRAIN, 4" PERFORATED W/POROUS BACKFILL	LF	4746	\$8	\$37,968
STORM SEWER, RCP (CLASS III) 15"	LF	1186	\$60	\$71,160
STORM SEWER, RCP (CLASS III) 18"	LF	594	\$75	\$44,550
STORM SEWER, RCP (CLASS III) 24"	LF	594	\$90	\$53,460
CULVERTS, 84" RCP (CLASS III)	LF	80	\$350	\$28,000
RAIN GRADEN/BIOSWALE INLETS	SF	15000	\$50	\$75,000
SW-501, SINGLE INTAKE	EACH	26	\$2,800	\$72,800
SW-505, DOUBLE INTAKE	EACH	6	\$4,500	\$27,000
SW-401, STORM MANHOLE CIRCULAR, 48" DIA	EACH	3	\$3,500	\$10,500
SW-401, STORM MANHOLE CIRCULAR, 60" DIA	EACH	2	\$4,000	\$8,000
FLARED END SECTION, 84" RCP (CLASS III)	EACH	2	\$6,000	\$12,000
MANHOLE ADJUSTMENTS, MINOR	EACH	2	\$1,000	\$2,106
MANHOLE ADJUSTMENTS, MAJOR	EACH	2	\$2,500	\$5,265
UTILITY ADJUSTMENTS	EACH	3	\$750	\$2,369
PAVEMENT MARKINGS, 4" EQUIVALENT, DURABLE PNT	LF	9221	\$7	\$64,547
SEGMENTAL BLOCK RETAINING WALL	SF	10000	\$35	\$350,000
BLACK IRON WROUGHT FENCE, 4'	LF	1780	\$35	\$62,300
TYPE A SIGNS, GALVANIZED STEEL, METAL POSTS	EACH	20	\$250	\$5,000
TOPSOIL, 4"	SY	2636	\$6	\$15,816
SODDING	SY	2636	\$7	\$17,134
INTAKE PROTECTION	EACH	32	\$300	\$9,600
CONCRETE WASHOUT	LS	1	\$1,500	\$1,500
STABILIZED CONSTRUCTION ENTRANCE	LS	1	\$2,500	\$2,500
CLASS D REVETMENT STONE	TON	75	\$50	\$3,750
PERIMETER & SLOPE SEDIMENT CONTROL DEVICE, 12" DIAMETER	LF	4746	\$3	\$14,238
EROSION CONTROL	LS	1	\$20,000	\$21,060
FIELD OFFICE	LS	1	\$10,000	\$10,530
TREE, DECIDUOUS 2" DIAMETER FURNISHED & INSTALLED	EACH	80	\$250	\$20,000
TREE GATES	EACH	80	\$500	\$40,000
PVC ELECTRIC CONDUIT, 2" & ELECTRIC WIRE	LF	9495	\$9	\$80,708
ELECTRIC HANDHOLES	EACH	16	\$750	\$12,000
PERIOD LIGHT FURNISHED & INSTALLED	EACH	80	\$6,000	\$480,000
HARDSCAPE ITEMS	EACH	25	\$10,000	\$250,000
Bike Racks	EA	3	\$5,000	\$15,000
Subtotal				\$3,819,448

Contingency \$572,917
NEPA & Design Engineering \$439,236

US 67/Cody Road Grand Total \$4,831,601

**City of LeClaire US 67 Corridor Connectivity Improvements and Mississippi Riverfront Revitalization Project Cost
BUILD Grant Budget**

Date: 5/11/2020

Green Gables Marina Improvements Cost Estimate				
Item	Unit	Quantity	Unit Price	Extended Price
Dockage	LS	1	\$ 491,900	\$ 491,900
Basin Dredging, 6.5 feet	LS	1	\$ 388,700	\$ 388,700
Land Improvements (parking, lighting, utilities, restoration)	LS	1	\$ 231,900	\$ 231,900
Subtotal				\$ 1,112,500

Contingency \$ 331,500
NEPA & Design Engineering \$ 306,000

Marina Subtotal \$ 1,750,000

US 67/Cody Road Phase II, Riverfront Improvements, and Marina Grand Total \$ 20,257,379