















MILW. AREA 259-1181

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(a)

MCKINLEY MARINA 1750 N. LINCOLN MEMORIAL DRIVE MILWAUKEE, WISCONSIN PHASING PLAN

NO. REVISION DATE BY

GRAPHIC SCALE
50' 100'

DRAWING NO. 13637—Phasing.dwg

DRAWN BY: TPM

DATE: 5-07-13

PROJECT NO: 13637

CHECKED BY: CTC

APPROVED BY: CTC

SHEET NO.:

FIGURE 8

Preliminary Cost Opinion McKinley Marina - North

Updated September 2013

McKinley Marina Improvements

Item	Unit	QTY	Unit Cost	Cost	
General Conditions					
Erosion Control	LS	1	\$25,000	\$25,000	
Miscellaneous Dewatering	LS	1	\$10,000	\$10,000	
Temporary Fencing and Security	LS	1	\$25,000	\$25,000	
Temporary Roads	LS	1	\$2,500	\$2,500	
Temporary Traffic Control	LS	1	\$2,500	\$2,500	
Subtotal			72,300	\$65,000	\$65,000
	Д.				
Site Clearing and Demolition					
Pavement Demolition [pulverize, reuse]	SY	55,556	\$1	\$66,667	
Clearing and Grubbing, Vegetation	LS	1	\$25,000	\$25,000	
Miscellaneous Site Demolition	LS	1	\$50,000	\$50,000	
Utility Abandonment and Removal	LS	1	\$25,000	\$25,000	
Subtotal				\$166,667	\$166,667
	1				
Earthworks	01/	26 702	A.F.	4400.000	
Master Grading (1 ft over whole site)	CY	26,782	\$5	\$133,909	¢122.000
Subtotal				\$133,909	\$133,909
Storm Sewer					
12" Dia. RCP	LF	1,200	\$50	\$60,000	
24" Dia. RCP	LF	500	\$60	\$30,000	
36" Dia. RCP	LF	300	\$70	\$21,000	
48" Dia. RCP	LF	175	\$90	\$15,750	
Storm Manholes & Catch Basins	EA	20	\$3,500	\$70,000	
Storm Outfalls to Lake	EA	2	\$10,000	\$20,000	
Subtotal				\$216,750	\$216,750
Sanitary Sewer					
Miscelaneous Adjustments	LS	0	\$5,000	\$0	
Fish Cleaning Pump Imrovements	LS	1	\$75,000	\$75,000	
Stub Service to Future Bathrooms	LF	200	\$60	\$12,000	
Subtotal				\$87,000	\$87,000
Water Service/ Fire Protection					
Misc. Adjustments	LS	1	\$5,000	\$5,000	
Close water loop	LS	1	\$10,000	\$10,000	
Stub Service to Future Bathrooms	LF	250	\$50	\$12,500	
Subtotal	Li	230	-	\$27,500	\$27,500
	Д.				
Dry Utilities					
Lighting Roads and Lots	POLE	25	\$3,500	\$87,500	
Light Controller and Cabling	LS	1	\$50,000	\$50,000	
New Site Electrical Service	LS	1	\$100,000	\$100,000	
Telecommunications	LS	1	\$50,000	\$50,000	
Gas Services	LS	1	\$0	\$0	
Subtotal				\$287,500	\$287,500

Storm Water Biofiltration Areas					
Excavate Biofiltraton Areas	CY	2,652	\$5	\$13,259	
Liner Material	SF	23,000	\$2	\$40,250	
6" PVC Drain Underdrains	LF	1,000	\$6	\$6,000	
Washed Gravel Base	CY	700	\$20	\$14,000	
Engineered Soil Mix	CY	2,652	\$30	\$79,552	
Seed and Plantings	LS	1	\$75,000	\$75,000	
Subtotal			¥10,000	\$228,061	\$228,061
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Pavement					
18" Concrete C&G (External)	LF	10,500	\$14	\$147,000	
Asphalt Paths (3")	Ton	1,200	\$75	\$90,000	
Asphalt Lots:	SF	279,103	See Below		agg
Base Aggregate Dense Under Lots (6")	Ton	9,071	Reuse		pave
Asphalt Pavement Lots (3.5")	Ton	6,105	\$75	\$457,903	
Asphalt Roadway:	SF	63,201	See Below		
Base Aggregate Dense Under Roads (9")	Ton	3,081	Reuse		
Asphalt Pavement Roads (5")	Ton	1,975	\$75	\$148,127	
Detectable Warning Fields	EA	30	\$350	\$10,500	
Pavement Markings	LS	1	\$15,000	\$15,000	
Subtotal				\$868,530	\$868,530
F	•				
Landscaping					
Trees and Shrubs	LS	1	\$150,000	\$150,000	
Topsoil, Seed, Mulch	LS	1	\$20,000	\$20,000	4470.000
Subtotal				\$170,000	\$170,000
Other				1	
New Fish Cleaning Station	LS	1	\$150,000	\$150,000	
Gatehouse	LS	1	\$200,000	\$200,000	
Fencing at Storage	LF	850	\$70	\$59,500	
Ammenities (Bike Racks, Benches, Etc.)	LS	1	\$15,000	\$15,000	
Site Signage	LS	1	\$25,000	\$25,000	
Dumpster Enclosures	LS	1	\$15,000	\$15,000	
Boat Launch	LS	1	\$50,000	\$50,000	
Boat Wash BMP	LS	1	\$75,000	\$75,000	
Intersection Improvements	LS	1	\$100,000	\$100,000	
Subtotal			1 7	\$689,500	\$689,500
Total Base Construction Costs				\$2,940,416	
Construction Contingency (15%)				\$441,062	
TOTAL CONSTRUCTION COSTS				\$3,381,478	
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			\$4,496,127
			\$373,730
			\$48,750 \$373,750
			\$325,000
1	1		6225 000
LS	1	\$75,000	\$75,000
LS	1	\$250,000	\$250,000
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			\$70,664
			\$9,217
			\$61,447
Ton	444	\$75	\$33,267
Ton	659	\$20	\$13,180
LS	1	\$15,000	\$15,000
			\$575,000
			\$75,000
			\$500,000
		, , , , , , , , , , , , , , , , , , ,	+300,000
IS	l 1	\$500,000	\$500,000
ı			
			\$145,779
			\$19,015
			\$126,764
LS	1	\$15,000	\$15,000
			\$25,000
Ton	0	\$20	\$0
Ton	896	\$75	\$67,214
SY		\$15,000	\$15,000 \$4,550
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ements			
			\$623,875
			\$81,375
			\$542,500
LF	120	\$2,000	\$240,000
	t		\$10,000 \$250,000
Ton	500	\$75 \$20	\$37,500
	LS SY Ton Ton LS	LS 1 LF 120	LS 1 \$250,000 LF

Construction Contingency (15%)

TOTAL MASTER PLAN COSTS

agg pave

\$674,419

\$5,170,546

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