MPD 2012 CAPITAL PROJECTS REQUEST (AS OF 3-28-2011)

Police Administration Building - \$5.5 million

- Phase II of Master Plan to Renovate PAB \$5.4 million
 - Design and Construction of Floors 4 & 5
- Sub-basement Garage Floor Repairs \$200,000 including carryover
- Install Sewer and Trench Drain to prevent flooding of dock area and basement (esp. electrical switch gear). Working Est. \$50,000

Evidence Storage Warehouse - \$760,000

• Elevator replacement.

District Station Renovation Program - \$790,000

- 3rd District Parking Structure Repairs Floors delaminating \$200,000
- 3rd District Repair Roof Membrane Rubber Boot Tears/Caulking (WARRANTY ITEM)
- 6th District Repair Trench Drains and spalling concrete \$150,000
- Various Districts Overhead Door System replacement \$125,000
- Various Districts Interior/Exterior Painting \$100,000
- All Facilities Condition Assessment \$90,000
- Lobby Safety Upgrades \$125,000

Radio & Communications Upgrade - \$277,000

• Improvements to Equipment Rooms and other Communications Facilities

Capital Improvement Request Form Part I

	Project/Program Title:	Remodel Administration Building Offices F	Requesting Department: Milwa	nykan Delies B
i	Prepared By/Phone Ext:	later to the second control of the second co	Department Head Signature:	aukee Police Department
,	Account No:	PL120080700	Separatione ricad orginature. 2 Mov	M A Gu
ļ			ears Level of Need Essential	✓ Important ☐ Desired
В	Description Infrastructure Street Related Sidewalks Building Roof Window ADA Office R Miscellaneous Develo	Sewer Water S Alleys Bridge E S HVAC Electrical Restroot S Memodeling New Building Elevator	rs ✓ Garage ✓ Mechanical	Recreation Parking Entire Facility
C)	Project/Program Durat One Year On-Going Program Multi-Year	ion ☐ Yes ☐ No ☑ Yes ☐ No ☐ Yes ☐ No Number of Years _		
D)	Total Positions	Total FTEs No. of Positions	FTEs Salaries	\$ \$ \$
E)	In Six Year Capital Impro	ovement Plan ✓ 2011-2016	☐ New Request	
F)	Eppstein Uhen Architects. E of the 4th and 5th floors- is s preliminary estimate total \$2 drain system at the building's	ation uilding was built in 1970 and has worn/failing infratory years. In 2010, an exhaustive building systems as assed on that study, phase I renovation - mechanic the duled for 2012. Estimated cost is \$5.45 million 200,000 including an \$80,000 carryover from 2010 is loading dock approach to prevent flooding of the stic water pumps, fire pumps and other mechanical	call shaft replacement - is underway in 2011 on. (2) Separate sub-basement garage floof for a net of \$120,000. (3) Installation of a n	as conducted by I. Phase II - renovation or repairs (concrete) lew sewer and trench
G) /	Additional Comments Plan years based on 2010 EL portion of building \$46.7 milli	IA systems analysis and space planning study to on exclusive of Municipal Court or City Attorney ar	continue building renovation sequence - Po rea costs.	lice Department

BMD-100

Capital Improvement Request Part II

Requesting Department:	Milwaukee Police Department	Department									
Project/Program Title:	Remodel Administration Building Offices	ration Building Offic	ses		Account No:		PL120080700				
Year	Ta	Tax Levy/Borrowing	Grant & Aid	, Aid	Revenue	Special Assessment	ıl ent	Enterprise		Total Cost	
Remaining Balance for 2011		\$0							_	\$0	
2012 Budget Request		\$5,515,000							-	\$5,515,000	
2013 Projection		\$9,846,156								\$9,846,156	
2014 Projection		\$7,061,886						· · · · · · · · · · · · · · · · · · ·		\$7,061,886	
2015 Projection		\$6,661,860								\$6,661,860	
2016 Projection		\$8,141,442							-	\$8,141,442	
2017 Projection		\$5,753,834								\$5,753,834	
Total Six Year Cost	Traffice Participation	\$42,980,178		0\$	0\$ 23.58.25.23.69		0\$		0\$	\$42,980,178	
Total Project Cost	* Of 	\$42,980,178		. \$0	0\$ 333 336		0\$		0\$	\$42,980,178	
Life to Date Expenditures (Project Only)	Only)	\$0		\$0	0\$		\$0		\$0	\$0	
Available Cost Estimate: Thorough Cost Estimate Limited Information Based on Cost of Similar Projects Unsupported	2012 	<u> </u>	2014	2015	2016	2017					_
Were cost estimates confirmed by another source? Are cost estimates based on industry standards? Will city employees be performing any portion of the work? Did you perform a cost/benefit analysis?	another source? ry standards? any portion of the w	ork?	√es	* * * * 	Uncertain Uncertain Uncertain Uncertain						
How will this project impact city operating expenditures?	erating expenditure	s?	☐ Increase		✓ Decrease None						
Estimated Start Date: Estimated Completion Date:	Underway 12/31/17										
			Department Head Signature	Head Sign	ature Edward	W. A	y	4			
			Prepared Bv/Phone Ext	//Phone Ex		John edvina/935-7495	7				

CIC - Capital Improvement Request Part III

Department:	Milwaukee Police Department	_	
Project/Program:	Remodel Administration Building Offices	Date Submitted:	3/28/2011
Prepared By:	John Ledvina/935-7495	0	
Dept Head:	Edward Flynn, Police Chief	Current Request:	\$5,515,000
		6 Yr Total:	\$42,980,178

General Project/Program Description:

Program to renovate Police Administration building. Built in 1970, the building has worn and failing infrastructure. Building office layout needs have changed substantially over the list 40 years. An exhaustive building systems analysis and space needs planning study identified infrastructure deficiencies and compiled a long-term space needs plan.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

1 1/	1 4 1 1			
Yes	No	N/A	Amount	Health & Safety
X	1			
X				Does the project directly reduce risks to people or property?
1	├			Does the project directly promote improved health or safety?
X	<u> </u>			Does the project mitigate an immediate risk?
Comr	nents /	Other	Considerations:	
1				

PAB is the police department's headquarters and District 1's station. Personnel assigned to PAB directly support crime suppression and related police functions throughout the city.

Vac	.			
Yes	No	N/A	Amount	Regulatory Compliance
X				
X				Does the project address a legislative, regulatory or court-ordered mandate?
X				Does the project promote long-term regulatory compliance?
	$\overline{}$			Will there be serious negative impact on the City if compliance is not achieved?
 	- ^ 			Are there other ways to mitigate the regulatory concern?
Comme	ents / (Other (Considerations:	September 2011

Hazardous material removal is part of the renovation. Potential exposure issues exist if the hazardous material is not mitigated. High rise building code requirements will also be addressed including health and safety elements.

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		Х		What return on investment will be
		Х		What is the corrected will this project generate?
Х				What is the expected payback period for this project?
	Х			Does the project minimize life-cycle costs?
x T				Will the facility require additional personnel to operate?
$\frac{\hat{x}}{x}$				Will the project lead to a reduction in operating costs?
	-+			Will the project lead to increased productivity or service improvements?
<u>× </u>				Will the facility require significant annual maintenance?
_	X			Will the new facility require additional equipment or the construction of additional infrastructure no included in the project budget?
	×			Is there a revenue generating opportunity? (e.g. user fees)
1				Will the project result in a reduction or increase in energy use?
1	\perp			Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations?
	<u> </u>		iderations:	Are there other potential costs associated with this project that are not addressed above?

Anticipate reduced energy use, especially building lighting and energy efficient motors and equipment. Productivity is expected to increase due to more efficient climate control and work area/space utilization.

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Remodel Administration Building Offices

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - The Common Council has adopted Comprehensive Area Plans. CIC Guidelines document a link to those plans of the DCD website.
		х		is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		Х		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		Х		Does the project increase or enhance recreational opportunities and/or green space?
		X		Will the project mitigate blight?
		Х		Does the project target the quality of life of all citizens or does it target one demographic?
		X		Is one population affected positively and another negatively?
		Х		Does the project preserve or improve the historical or natural heritage of the City?
		Х		Is the project consistent with established community character?
		x		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		x		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, improve or reduce pollution including noise and/or light pollution)?

Comments / Other Considerations:

Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facilities preservation programs
Χ				How does the request effect the pertinent replacement cycle ? Provide specifics below.
Х				Has the facility being replaced exceeded its useful life?
Х				Does this project extend the useful life of an existing facility?
	Х			Do maintenance costs exceed replacement costs? (See Below)
Х				Have you documented costs of unplanned or corrective maintenance related to the facility?
Х				Does the project incorporate new technology that will provide enhanced service?
Х				Does the project extend service for new development or redevelopment?
Х				WIII this project improve the functionality or service life of other related infrastructure?

Comments / Other Considerations:

Renovation will extend useful life by replacing obsolete building infrastructure systems including HVAC, plumbing, electrical, and health and safety systems.

Yes	No	N/A	Amount	Economic / Community Development
		х		Does the project have the potential to promote economic/community development in areas where growth is desired?
		х		Will the project continue to promote or enhance economic/community development in an already developed area?
Х				is the net impact of the project positive?
		Х		Would an alternate location for this project provide a greater positive economic impact?
		X		Will the project produce desirable jobs in the City?
		X		Will the project rejuvenate an area that needs assistance?
		Х		Will the project promote the equitable distribution of the costs and benefits of development?

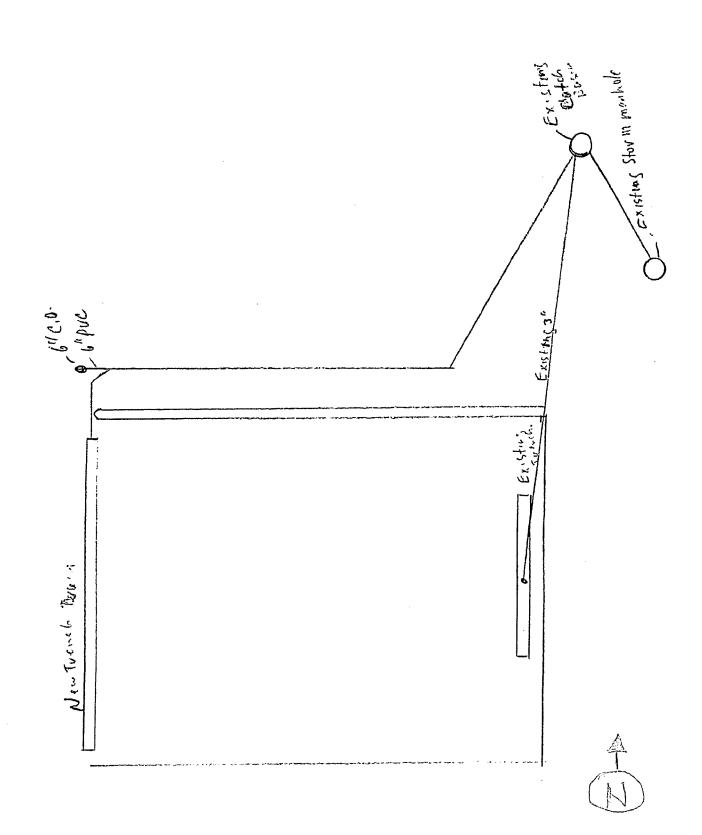
Comments / Other Considerations:

Yes	No	N/A	Amount	Special Considerations
	Х			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
Х				Are there critical timing issues associated with this project?
	Х			Are there inter-jurisdictional considerations?
Х				Can you quantify the impacts of a delay in this project?

Comments / Other Considerations:

Remediates failing building infrastructure systems. Corrective repairs in recent past and changes in building use over 40 years indicate current systems have exceeded useful life.

Police Administration Build				
Police Administration Building				
951 North James Lovell Street			Date:	3/23/201
Loading Dock – 6" Sewer and Trench Drain (Bu	daet Estim	ate)		5/25/201
	Quantities:	DTP		
	Prices:	DTP		
Description	Quantity	Cost	per Unit	Total
Plumbing			por our	10181
1. Permit	1	36000.00	Lump Sum	36,000.00
Saw cut and pour base for trench drain				
3. Install trench drain edge to edge with Neenah R-4990 DX		<u> </u>		
4. Saw cut along gutter to catch basin, east on North Driveway		 		
5. Dig and lay 6" storm sewer to catch basin for gravity drain				
5. Haul spoils				
7. Stone backfill				
Compact and re-pour concrete				
Note: Dock will need to be closed five days				
			0110707	
			SUBTOTAL	36,000.00
4504,000				
15% O&P				5,400.00
10% Contingency				3,600.00
esign '.5% Contract Administration				7,200.00
.076 Contract Administration				2,700.00
TOTAL				
				54,900.00



NOTE: When specifying or ordering grates-Please refer to "CHOOSING THE PROPER INLET GRATE" on pages 108 and 109.

R-4990 Series Heavy Duty Trench Frames with Grated or Solid Covers

MATERIALS: All frames and grates are furnished standard in Gray Iron, Class 35, for heavy duty use. For extra heavy duty use, see page 204 for Airport Trenches.

Neenah recommends project designers avoid the use of light duty trench installations because it is likely that applications will be subjected to heavy delivery vehicle traffic at some time. Furthermore, the use of a site could be changed to heavy duty use patterns at some unanticipated future date.

Standard Cover Dimensions

2 001	CI DIIII	CHIZION	3					
			Dimer	isions in i	nches		····	
	В	C	Туре А			Type E	Tyna D	Type Q
8	11/2	6	X	Х				Type u
10		В						
12		10				_ *	<u>X</u>	
14								
17		15						
20		18	X					
23		21	X					
26		24	x					
30	2	27						
33	2	30	X					
36	2	33						
39	2	36	X					
45	2	42	X					
51	2	48	x					÷
	A 8 10 12 14 17 20 23 26 30 33 36 39 45	A B 8 1 ½ 10 1 ½ 12 1 ½ 14 1 ½ 17 1 ½ 20 1 ½ 23 1 ½ 26 1 ½ 30 2 33 2 36 2 39 2 45 2	A B C 8 1 1 ½ 6 10 1 ½ 8 12 1 ½ 10 14 1 ½ 12 17 1 ½ 15 20 1 ½ 18 23 1 ½ 21 26 1 ½ 24 30 2 27 33 2 30 36 2 33 39 2 36 45 2 42	A B C Type A 8 1 1/2 6 x 10 1 1/2 8 x 12 1 1/2 10 x 14 1 1/2 12 x 17 1 1/2 15 x 20 1 1/2 18 x 23 1 1/2 21 x 26 1 1/2 24 x 30 2 27 x 33 2 30 x 36 2 33 x 39 2 36 x 45 2 42 x	Dimensions in	Dimensions in Inches	Dimensions in inches	Dimensions in Inches



illustrating heavy duty trench frames and drain loading ramp. Trench castings such being used successfully in subway construsecting elevated highways and underpass hanger doors, ramps and other special pu

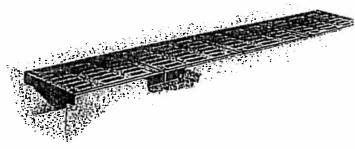
R-4999 Series Bolted Transverse Drainage Structures

Heavy Duty

x-Indicates availability

Illustrating flat type surface showing Type X frame and Type C grate.

Standard frame and cover sections of this type are boited and manufactured in 24" standard lengths. See page 284 for R-4999 series with Type L vane grates.

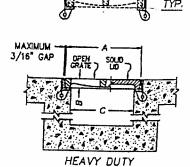


When bolted frames and grates are furnished, they are shipped assembled. AT NO THE UNITS BE DISASSEMBLED DURING INSTALLATION!

				Dimensi	ons in inch	PC			
Catalog No.	A	В	C	Туре А	Type C	Type D	Туре Е	Туре Р	Tuno O
R-4999-AX	8	1 1/2	6	X	X				Type Q
R-4999-BX	10	1 1/2		X		<u> </u>	X	X	
R-4999-CX	12	1 1/2	10	х х		<u> </u>	X	X	
1-4999-DX	14	1 1/2	12		^x	<u> </u>	<u> </u>	x	
1-4999-EX	17	1 1/2	15		<u> </u>	X	<u> </u>	<u> </u>	
-4999-FX	20	1 1/2	18			X	X	X	
-4999-GX	23	1 1/2	21		X	<u> </u>	X	X	
-4999-HX	26	1 1/2		X	X	X			
-4999-JX	30	2	27	X X	<u> </u>	X			X
4999-KX	33	2	30		<u> </u>	X			
-4999-LX	36	2		X	<u> </u>	X	X		
4999-MX	39		33	X	X	X			
		2	35	X	X	X			
4999-HX	45	2	42	X	X	X		*	
49 99- 0X	51	2	48	X		X			

x-Indicates availability

RIEBRIALIS



The schematic drawing identifies basic dimeand does not apply to all cover designs. Bar a depths, plate thicknesses, and seating widths on different sizes and styles. If your project has restrictions, ask for approval drawings.

Capital Improvement Request Form Part I

	Project/Program Title:	Evidence Storage Warehouse	Requesting Department:	Milwaukee Police Department
	Prepared By/Phone Ext:	John Ledvina/935-7495	Department Head Signature:	Edward Day
	Account No:	PL120040100		0'
	A) Department Priority	2 of 4 Useful Life 30	Years Level of Need 🗸 Ess	sential Important Desired
	i	New 🗸 Replacement 🗌 Repair On-Going Program	Project/Program Scope 📝 Ful	ly Defined Partially Defined
I	B) Description Infrastructure Street Related Sidewalks Building Roof Windov ADA Office R Miscellaneous Develo	Remodeling New Building	Street Lighting Communic Environmental Port Security Exterious Garage Mecha	Parking Or Entire Facility
		pment ormation Systems	Other	
C	One Year On-Going Program Multi-Year	ion ☐ Yes ☐ No ☑ Yes ☐ No ☐ Yes ☐ No Number of Year	rs	
D)	Total Positions Position Title	Total FTEs No. of Positi	ions FTEs (Salaries \$ \$ \$
E)	In Six Year Capital Impre Yes ☑ 2010-2015	ovement Plan 2011-2016 Yes, Mod	ified New Request	
F)	Project/Program Justific	ation		
	2012 - Evidence Storage W. useful life and in need of repwould comply with modern of	arehouse freight elevator is original to the bi placement. The current elevator has numero codes and provide up-to-date safety features not sufficiently address elevator's deficiencie	ous code violations and potential structu	ral deficiencies. A new elevator
G)	Additional Comments			
		ovements such as additional high density slons.	helving to increase building's storage cap	pacity, potential security

Capital Improvement Request Part II

Requesting Department:	Milwaukee Police Department	partment							
Project/Program Title:	Evidence Storage Warehouse	ırehouse			Account No:		PL120040100	Q	
Year	Tax L	Tax Levy/Borrowing	Grant & Aid	, Aid	Revenue	Sp	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2011		\$20,000							\$20,000
2012 Budget Request		\$760,000							\$760,000
2013 Projection		\$200,000							\$200,000
2014 Projection		\$0							\$0
2015 Projection		\$200,000							\$200,000
2016 Projection		0\$							0\$
2017 Projection		\$200,000							\$200,000
Lotal Six Year Cost		\$1,360,000		0\$	Ó\$		\$0	0\$	\$1,360,000
l otal Project Cost	13.5	\$1,380,000		\$0	0\$ 27.1 38.262		\$0	0\$	\$1,380,000
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1									1
Life to Date Expenditures (Project Only)	nly)	\$0		\$0	0\$	0	\$0	0\$	0\$
Available Cost Estimate: Thorough Cost Estimate Limited Information Based on Cost of Similar Projects Unsupported	2012		2014	<u>26</u>	,	2017			
Were cost estimates confirmed by another source? Are cost estimates based on industry standards? Will city employees be performing any portion of the work? Did you perform a cost/benefit analysis?	nother source? y standards? ny portion of the work sis?	Ų.	✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓✓<	2 2 2 2 	Uncertain Uncertain Uncertain Uncertain				
How will this project impact city operating expenditures?	ating expenditures?		☐ Increase	e 🗸 Decrease	rease None				
Estimated Start Date: Estimated Completion Date:	01/01/12				`	ſ			
			Department Head Signature	Head Sign	ature	ward	3		
			Prepared By/Phone Ext	//Phone Ex	John	n Ledvina	\ 7	935-7495	

CIC - Capital Improvement Request Part III

Department:	Milwaukee Police Department	D 1 0 1	
Project/Program:	Evidence Storage Warehouse	Date Submitted:	3/28/2011
Prepared By:	John Ledvina/935-7495	_	
Dept Head:	Edward Flynn, Police Chief	Current Request:	\$760,000
	Edward Flynin, Folice Chief	6 Yr Total:	\$1,360,000
General Project/Pro	ogram Description:		
Provide secure, Ion	g-term storage for evidence related to crimes committed in Milwaukee).	

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
X				Does the project directly reduce risks to people or property?
X				Does the project directly promote improved health or safety?
X	لبيا			Does the project mitigate an immediate risk?
Comm	ients /	Other (Considerations:	

Freight elevator replacement planned in 2012 will mitigate code violations and potential structural deficiencies.

V	- L	T T		
Yes	No	N/A	Amount	Regulatory Compliance
X				
v		 		Does the project address a legislative, regulatory or court-ordered mandate?
				Does the project promote long-term regulatory compliance?
X				Will there be partially compliance?
	Y			Will there be serious negative impact on the City if compliance is not achieved?
				Are there other ways to mitigate the regulatory concern?
Comm	ents / ˈ	Other Co	onsiderations:	Garacty Concern?

Comments / Other Considerations:

Addresses building code deficiencies of existing elevator. Replacement needed to continue efficient operation of evidence storage

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
- 1	Χ			What are the second of the sec
	Х			What return on investment will this project generate?
x				What is the expected payback period for this project?
$\stackrel{\wedge}{+}$				Does the project minimize life-cycle costs?
$\overline{\cdot}$	_X			Will the facility require additional personnel to operate?
<u>X</u>				Will the project lead to a reduction in operating costs?
<u> </u>				Will the project lead to increased productivity or service improvements?
	X			Will the facility require significant annual maintenance?
	X			Will the new facility require additional equipment or the construction of additional infrastructure no included in the project budget?
	X			Is there a revenue generating opportunity? (e.g. user fees)
		X		Will the project result in a reduction or increase in energy use?
	X			Does the project involve specific energy reduction strategies or features?
\perp	X			Will this project cause discriptions to an analysis of features?
				Will this project cause disruptions to regular city operations? Are there other potential costs associated with this project that are not addressed above?
nmer	nts / O	ther Cons	iderations:	project that are not addressed above?

Elevator replacement will substantially reduce recurring corrective repair costs for existing outdated and potentially deficient elevator.

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Evidence Storage Warehouse

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - The Common Council has adopted Comprehensive Area Plans. CIC Guidelines document a link to those plans on the DCD website.
		x		is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		Х		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		Х		Does the project increase or enhance recreational opportunities and/or green space?
		Х		Will the project mitigate blight?
		Х		Does the project target the quality of life of all citizens or does it target one demographic?
		X		Is one population affected positively and another negatively?
		X		Does the project preserve or improve the historical or natural heritage of the City?
		Х		Is the project consistent with established community character?
		x		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		x		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, improve or reduce pollution including noise and/or light pollution)?

Comments / Other Considerations:

Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facilities preservation programs
Х				How does the request effect the pertinent replacement cycle? Provide specifics below.
Χ				Has the facility being replaced exceeded its useful life?
Х				Does this project extend the useful life of an existing facility?
	Х			Do maintenance costs exceed replacement costs? (See Below)
Х				Have you documented costs of unplanned or corrective maintenance related to the facility?
Х				Does the project incorporate new technology that will provide enhanced service?
		Х		Does the project extend service for new development or redevelopment?
		Х		Will this project improve the functionality or service life of other related infrastructure?

Comments / Other Considerations;

Freight elevator has exceeded useful life. No longer code compliant and has potential structural deficiencies. Replacement is overdue. Recent repair costs available.

Yes	No	N/A	Amount	Economic / Community Development
		x		Does the project have the potential to promote economic/community development in areas where growth is desired?
		x		Will the project continue to promote or enhance economic/community development in an already developed area?
		Х		Is the net impact of the project positive?
		Х		Would an alternate location for this project provide a greater positive economic impact?
		Х		Will the project produce desirable jobs in the City?
		Х		Will the project rejuvenate an area that needs assistance?
		Х		Will the project promote the equitable distribution of the costs and benefits of development?

Comments / Other Considerations:

Yes	No	N/A	Amount	Special Considerations
	Х			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
Χ				Are there critical timing issues associated with this project?
	X			Are there inter-jurisdictional considerations?
X			•	Can you quantify the impacts of a delay in this project?

Comments / Other Considerations:

Code compliance necessary. Elevator replacement is essential to continued efficient use of the building.

MPD, Police Evidence Warehouse				
2620 West Wisconsin Avenue			D-1	
Freight Elevator Modernization (Budget Estimat	e)		Date:	3/23/2011
	Quantities:	DTP		
Dogovisto	Prices:	DTP		
Description	Quantity	Cost	per Unit	Total
Arch/Structural, HVAC, Demolition, Lighting, Telecommunications, Low Voltage Power, Motor Power and Controls, Fire Alarm		250000.00	Lump Sum	250,000.00
Elevator Refurbish		275000.00	Lump Sum	275,000.00
			SUBTOTAL	525,000.00
15% O&P				
10% Contingency				78,750.00
levator Modernization Study				52,500.00
Design				7,000.00
7.5% Contract Administration		<u> </u>		50,000.00
				39,375.00
TOTAL				752,625.00

Capital Improvement Request Form Part I

P	roject/Program Title:	Radio & Communications Upgrades	Requesting Department:	
Prepared By/Phone Ext:		John Ledvina/935-7495	-	Milwaukee Police Department
А	ccount No:	PL120090300	Department Head Signature:	Elimina Sym
A	Type of Project	3 of 4 Useful Life 10 to 2 New Replacement Repair On-Going Program	Project/Program Scope Fully	
В)	Miscellaneous Develo	Remodeling New Building Elev	☐ Street Lighting ☐ Communicati☐ Environmental ☐ Port stroom ☑ Security ☐ Exterior vators ☐ Garage ☑ Mechanic ☐ Other	Parking Entire Facility
C) D)	Project/Program Durat One Year On-Going Program Multi-Year Total Positions Position Title	tion Yes No Yes No No Total FTEs No. of Position		
E) [In Six Year Capital Impro		Sais	\$ \$
	years. Our radio communication replacement/repair schedule crucial to improvement of the control of the contr	ration radio communications and has a large numbe of towers, base stations, antennas and other ations manager has analyzed the condition an eintended to keep equipment in reliable condit trunked digital radio coverage and will be to g digital radio vendor efforts.	er of communications infrastructure facilitie communications equipment with a useful nd age of your various equipment and facil	lite ranging from 10 to 25
s	Iditional Comments ome projects under this prog ommunications Section cont frastructure being devised.	gram may change based on future trunked dig tinues to evaluate future digital radio infrastruc	ital radio system needs vs. prior analog ra cture needs. Five year infrastructure plan	idio facilities needs. for digital specific

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Capital Improvement Request Part II

Requesting Department: Milv	Milwaukee Police Department	epartment									
Project/Program Title: Rac	tio & Communica	Radio & Communications Upgrades			¥ 	Account No:		PL120090300			
Year	Tax L	Levy/Borrowing	Grant & Aid	k Aid	Revenue	nue	Special Assessment	ent	Enterprise	Total Cost	1
Remaining Balance for 2011		\$0								\$00	
2012 Budget Request		\$277,000								\$277,000	
2013 Projection		\$316,000								\$316,000	
2014 Projection		\$295,000								\$295,000	T
2015 Projection		\$444,000								\$444,000	
2016 Projection		\$200,000								\$200,000	
2017 Projection		\$200,000								\$200,000	
Total Six Year Cost				0\$		0\$) i	OS S	0\$	\$1,732,000	τ
i otal Project Cost		\$1,732,000		0\$		0\$		\$0	0\$	\$1,732,000	T
ife to Date Evnenditures (Decine)										f	٦ .
ind to Date Experiarities (Project Only)		0\$		\$0		\$0		0\$	0\$	\$0	
Available Cost Estimate: Thorough Cost Estimate Limited Information Based on Cost of Similar Projects Unsupported	50 50 50 50 50 50 50 50 50 50 50 50 50 5	20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2014	2015	52 — — — 5	20	2017				1
Vere cost estimates confirmed by another source? Are cost estimates based on industry standards? Aill city employees be performing any portion of the work? Aid you perform a cost/benefit analysis?	her source? tandards? oortion of the wo	水?	✓ Yes ✓ Yes ✓ Yes	2 2 2 2 	Uncertain Uncertain Uncertain Uncertain	ain ain					
dow will this project impact city operating expenditures?	ng expenditures?	0.	☐ Increase		Decrease	✓ None					
stimated Start Date:	01/01/12										
stimated Completion Date:	12/31/12					1		`			
			Department Head Signature	Head Sign	ature	dia	of July	Je Je	7		1
			Prepared By/Phone Ext	//Phone Ex	+-:	John Ledv) John Ledvina 935-7495	$Z^{^{ar{lpha}}}$			
						!					ı

CIC - Capital Improvement Request Part III

Department:	Milwaukee Police Department		
Project/Program:	Radio & Communications Upgrades	Date Submitted:	3/28/2011
Prepared By:	John Ledvina/935-7495		-
Dept Head:	Edward Flynn, Police Chief	Current Request:	\$277,000
C1D :		6 Yr Total:	\$1,732,000

General Project/Program Description:

Improvements to Radio and Communications Infrastructure including equipment rooms, antennas, amplifiers/repeaters, and other communications facilities.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

	Yes	No	N/A	A .	
	103	140	IV/A	Amount	Health & Safety
	X				
					Does the project directly reduce risks to people or property?
	X	- 1			y stades risks to people or property?
- 1					Does the project directly promote improved health or safety?
-		- 1	X		Dogethan in the salety?
	Comm	onto /	045 - 4		Does the project mitigate an immediate risk?
-1	COMMI	ents /	Other (Considerations:	
	-				

Police radio communications are essential to public safety and officer safety. Police radio communications allow rapid response to emergent public safety incidents and communications between officers from routine patrol to investigations and emergency response.

Yes	No	N/A	Amount	Regulatory Compliance
X				
X				Does the project address a legislative, regulatory or court-ordered mandate?
X				Does the project promote long-term regulatory compliance?
	Х			Will there be serious negative impact on the City if compliance is not achieved?
Comme	ents / (Other C	Considerations:	Are there other ways to mitigate the regulatory concern?

The recently implemented digital radio system was installed in response to a federal government mandate regarding radio frequency use (shift fro narrow band communications). To continue compliance with this mandate, the system's infrastructure must be properly

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
X				Does the project minimize life-cycle costs?
\perp L	Х			Will the facility require a delivery
		X		Will the racia state additional personnel to operate?
X				Will the project lead to a reduction in operating costs? NOT KNOWN
	X			Will the project lead to increased productivity or service improvements?
				vviii the facility require significant annual maintenance?
	X			Will the new facility require additional equipment or the construction of additional infrastructure no included in the project budget?
	X			Is there a revenue generating opportunity? (e.g. user fees)
	_	X		Will the project result in a reduction or increase in energy use?
		X		Does the project involve specific and increase in energy use?
	X		-	Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations? Are there other potential costs associated with the
nmen	ts / Ot	her Cons	iderations:	Are there other potential costs associated with this project that are not addressed above?

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Radio and Communications Upgrades

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - The Common Council has adopted Comprehensive Area Plans. CIC Guidelines document a link to those plans on the DCD website.
		х		is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		X	The second secon	Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		Х		Does the project increase or enhance recreational opportunities and/or green space?
		Х		Will the project mitigate blight?
Х				Does the project target the quality of life of all citizens or does it target one demographic?
	Х			Is one population affected positively and another negatively?
	Χ			Does the project preserve or improve the historical or natural heritage of the City?
		Х		Is the project consistent with established community character?
		x		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		x		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, improve or reduce pollution including noise and/or light pollution)?

Comments / Other Considerations:

Police operations improve quality of life. In addition, system will be utilized by other City agencies providing services to residents.

Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facilities preservation programs
Х				How does the request effect the pertinent replacement cycle? Provide specifics below.
Х				Has the facility being replaced exceeded its useful life?
Х				Does this project extend the useful life of an existing facility?
	Х			Do maintenance costs exceed replacement costs? (See Below)
	Х			Have you documented costs of unplanned or corrective maintenance related to the facility?
Х				Does the project incorporate new technology that will provide enhanced service?
		Х		Does the project extend service for new development or redevelopment?
		Х		Will this project improve the functionality or service life of other related infrastructure?

Comments / Other Considerations:

New replacement cycles will be initiated upon completion of digital radio communications project. Previous system components have exceeded their predicted lifespan; replacement will support digital communications system.

Yes	No	N/A	Amount	Economic / Community Development
		x		Does the project have the potential to promote economic/community development in areas where growth is desired?
		х		Will the project continue to promote or enhance economic/community development in an already developed area?
Х				Is the net impact of the project positive?
		Х		Would an alternate location for this project provide a greater positive economic impact?
		Х		Will the project produce desirable jobs in the City?
		Х		Will the project rejuvenate an area that needs assistance?
Х				Will the project promote the equitable distribution of the costs and benefits of development?

Comments / Other Considerations:

Communications coverage city wide. Benefits entire city.

Yes	No	N/A	Amount	Special Considerations
	Х			is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
	Χ			Are there critical timing issues associated with this project?
Х				Are there inter-jurisdictional considerations?
	Х			Can you quantify the impacts of a delay in this project?

Comments / Other Considerations:

Commication infrastructure components support inter-jurisdictional communications and regional interoperability. Federal government requires shift to narrow band communications systems.

Radio and Communication Upgrades for 2012 Capital budget

2017

2016

2015	\$34,000		\$21,000		\$175,000 \$14,000
2014	\$34,000		\$21,000	\$21,000	•
2013	\$34,000	\$11,000	\$21,000	\$21,000	
2012	\$34,000	\$11,000	\$6,000 \$3,000 \$15,000		
2011	\$3,000				
2010	\$8,000 \$34,000 \$8,000 \$19,000 \$9,000 \$9,000	\$4,000 \$4,000 \$9,000 \$9,000			
2009	0\$ 0\$ 0\$				
# in use o	oom upgrade 80 cations room upgrade: 1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 : 1	equipment) 1	ctronics upgritter, police	transmitters 1	4 \$14,000 Digital Radio Communications Infrastructure

\$50,000 \$113,000 \$42,000 \$277,000 \$316,000 \$295,000 \$444,000 \$200,000 \$200,000

BMD-100

G)

Capital Improvement Request Form Part I

F	Project/Program Title:	District Station Renovation Program Requesting Department: Milwaukee Police Departm	
F	Prepared By/Phone Ext:		ent
A	Account No:	PL120090100 Department Head Signature:	
Д	N Donortmont D.: .:		
	Department Priority	4 of4 Useful Life20-25 Years Level of Need Essential Important	Desired
	Type of Project	New Project/Program Scope Fully Defined Partially Defined On-Going Program	ed
В	Infrastructure		
	Street Related Sidewalks	Sewer Water Street Lighting Communications Recreation	
	Building	☐ Alleys ☐ Bridge ☐ Environmental ☐ Port ☐ Parking	
	Roof Window	ows HVAC Electrical Restroom Security Exterior Entire Facility	
	ADA Office	Permodeling Security Security Entire Facility	
	Miscellaneous Develo	- I Galage Machanical	
		formation Systems Equipment Other	
C)			
C)	Project/Program Dura		
	One Year	∐ Yes ☐ No	
	On-Going Program	✓ Yes	
	Multi-Year	Yes No Number of Years	
D)	Total Positions	Total FTEs	
	Position Title		
	rosition Title	No. of Positions FTEs Salaries \$	
	***************************************	\$	
L		\$	
E)	In Six Year Capital Impe	rovement Plan	
	Yes 2010-2015	☑ 2011-2016 ☑ Yes, Modified ☐ New Request	į
E. [Drain A/D		
F)	Project/Program Justific		
	and related structural issue interior/exterior painting of o building for 6 district station One the condition assessm	olice service to the community. Renovations planned include (1) 3rd District Parking Structure repairs to delaminating District Station Parking Structure trench drain system modifications and structural repairs to remediate spalling concrets (\$150,000), (3) Overhead Door replacement at various districts (\$125,000 a year for three years), and district stations (\$100,000 a year for six years). (4) MPD Facilities Condition Assessments \$15,000 - \$20,000 per ns., Property Warehouse, NTF/Radio Shop, and 82nd & Keefe building \$180,000 over two years (\$90,000 per year). The second plan for the life cycle replacement of various building components will be eatly pugrades including cameras and door access controls at district stations \$125,000	ng rete
_ ر] (3	Additional Comments		

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Capital Improvement Request Part II

Requesting Department:	Milwaukee Police Depar	artment						
Project/Program Title:	District Station Renovation Program	ation Program			Account No:	No: PL120090100	0	
Year	Tax Le	Tax Levy/Borrowing	Grant & Aid	k Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2011	1	0\$						0\$
2012 Budget Request		\$790,000						\$790,000
2013 Projection		\$440,000						\$440,000
2014 Projection		\$350,000						\$350,000
2015 Projection		\$350,000						\$350,000
2016 Projection		\$350,000						\$350,000
2017 Projection		\$350,000						\$350,000
Total Six Year Cost		\$2,630,000		0\$	0\$	0\$	\$0	\$2,630,000
Total Project Cost		\$2,630,000		0\$	\$0	\$0	0\$	\$2,630,000
1								,
Life to Date Expenditures (Project Only)	Only)	\$0		\$0	0\$	0\$	\$0	0\$
Available Cost Estimate: Thorough Cost Estimate Limited Information Based on Cost of Similar Projects Unsupported	غة ك ك ك ك ك ك ك ك ك ك ك ك ك ك ك ك ك ك ك	2013 	207	2016	20.6	2017 		
Were cost estimates confirmed by another source? Are cost estimates based on industry standards? Will city employees be performing any portion of the work? Did you perform a cost/benefit analysis?	r another source? stry standards? any portion of the work' alysis?	٥.	√	2222	Uncertain Uncertain Uncertain			
How will this project impact city operating expenditures?	perating expenditures?		[] Increase		☐ Decrease ☑ None			
Estimated Start Date: Estimated Completion Date:	Spring 2012 12/31/13		Department Head Signature	T CO		and the	ţ	
			Prepared By/Phone Ext	//Phone Ex		John Ledvina/935-7495		

CIC - Capital Improvement Request Part III

Department:	Milwaukee Police Department	Date Submitted:	3/28/2011
Project/Program:	District Station Renovation Program	Tate dasimica.	3/20/2011
Prepared By:	John Ledvina/935-7495	Current Request:	\$700,000
Dept Head:	Edward Flynn, Police Chief		\$790,000
	Edward Flyffif, Folice Chief	6 Yr Total:	\$2,630,000

General Project/Program Description:

Systematic renovation of police district stations including infrastructure components such as HVAC, cell block, police assembly, offices, and public areas.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	s No	N/A	Amount	Health & Safety
X				Does the project directly reduce risks to people or property?
X				Does the project directly promote improved health or safety?
X		<u> </u>		Does the project mitigate an immediate risk?
10~~		\sim 11	~ • • • • • • • • • • • • • • • • • • •	

Comments / Other Considerations:

Lobby Safety upgrades will reduce risk to officers and the public.

Yes	No	N/A	Amount	Regulatory Compliance
	Х			Does the project address a legislative, regulatory or court-ordered mandate?
		Х		Does the project promote long-term regulatory compliance?
		Х		Will there be serious negative impact on the City if compliance is not achieved?
		X		Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
Х				Does the project minimize life-cycle costs?
	Х			Will the facility require additional personnel to operate?
X				Will the project lead to a reduction in operating costs?
X				Will the project lead to increased productivity or service improvements?
	X			Will the facility require significant annual maintenance?
		X		Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	X			Is there a revenue generating opportunity? (e.g. user fees)
	X			Will the project result in a reduction or increase in energy use?
\times				Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

3rd District Parking Garage condition has resulted in vehicle damage claims. Maintaining facilities in highly functional condition enables MPD to provide high level of service to public. Life cycle costs minimized by structure repairs, overhead door replacement, and other long-term renovations.

2012 Canital Impressions of D

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: District Station Renovation Program

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - The Common Council has adopted Comprehensive Area Plans. CIC Guidelines document a link to those plans or the DCD website.
		х		Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		Х		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		X		Does the project increase or enhance recreational opportunities and/or green space?
		Х		Will the project mitigate blight?
		Х		Does the project target the quality of life of all citizens or does it target one demographic?
		X		Is one population affected positively and another negatively?
		_ X		Does the project preserve or improve the historical or natural heritage of the City?
		X		Is the project consistent with established community character?
		x		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		x		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, improve or reduce pollution including noise and/or light pollution)?
<u>mmc</u>	ents / (Other Cor	nsiderations:	
T	T			Infrastructure - Primarily recurring infrastructure and facilities preservation

Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facilities preservation programs
X				How does the request effect the pertinent replacement cycle ? Provide specifics below.
	Х			Has the facility being replaced exceeded its useful life?
Х				Does this project extend the useful life of an existing facility?
	X			Do maintenance costs exceed replacement costs? (See Below)
Х				Have you documented costs of unplanned or corrective maintenance related to the facility?
Х				Does the project incorporate new technology that will provide enhanced service?
	Х			Does the project extend service for new development or redevelopment?
	Х			Will this project improve the functionality or service life of other related infrastructure?

Comments / Other Considerations:

Renovations extend system life cycles of police district stations and other buildings. Past and current corrective maintenance costs of systems at buildings are available. New technologies include high-speed overhead doors which will minimize heat loss and facilitate efficient operations. Similar results expected from other component/system replacements.

Yes	No	N/A	Amount	Economic / Community Development
	Х			Does the project have the potential to promote economic/community development in areas where growth is desired?
	Х			Will the project continue to promote or enhance economic/community development in an aiready developed area?
Х				Is the net impact of the project positive?
	Х			Would an alternate location for this project provide a greater positive economic impact?
		Х		Will the project produce desirable jobs in the City?
		X		Will the project rejuvenate an area that needs assistance?
ĺ		Х		Will the project promote the equitable distribution of the costs and benefits of development?

Comments / Other Considerations:

Yes	No	N/A	Amount	Special Considerations
		x		is there a significant external funding source that can only be used for this project and/or which will be los if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
	Х			Are there critical timing issues associated with this project?
	Χ			Are there inter-jurisdictional considerations?
Х				Can you quantify the impacts of a delay in this project?

Comments / Other Considerations:

Parking structure repairs are needed to minimize damage to the facilities.

District Station Renovation - Overhead Doors

Sumn Door 12'x5		Total Garage Door Cost	3	\$303,
	Uza (Duantita	Average Cost per Garage Door		\$21,
	Siza Ouzantia			7-4,
12'x	Laudittiti	y Item	Reference	Cost
7	'4"	2 Demolition/Remove Operator 1HP (1/2/HP Labor x 2)	08 36 1310	
7	- 1	Demolition/Remove Door and Frame (12' x 12')	08 05 0510 3	1 '
	ı	Install Operator 1HP (1/2HP x 2)	08 36 1310	, ,
	1	Install Hardware (Residential x2)	08 36 1320 1	
	- 1	Install Tracks (Residential x2)	08 36 1320 1	1
KGB1		Install Door (12'x12')		
	- 1	Demolition Concrete Assume 200 SF (x 1.5 small job)	08 36 1310 2	,
265	1	Install Concrete 4" Assume 200 SF (x 1.5 small job)	02 41 1317 5	
100	1	Install Concrete Base 4" (x 1.5 small job)	32 06 1010 0	
密	- 1	Install Acuator/Opening Devices and Components	32 06 1010 0	
50	1	Electrical Fee 10.1%	Estimate	\$3,5
EX.	- 1	Contingency 10%	01 11 3130 0	T-,-
E -		Contingency 10%	Experience	\$2,5
57			Sub-Total	(EA) \$19,7
10.3			- Total Distri	ict 2 \$39,4
Door Si		Item state and the state of the	Reference	Cost
12' x 9'4	1" 2	1 (1/2/11 CBDOLX 2)	08 36 1310 29	
2	1	Demolition/Remove Door and Frame (12' x 12')	08 05 0510 34	
Ď.		install Operator 1HP (1/2HP x 2)	08 36 1310 29	
F-	1	Install Hardware (Residential x2)	08 36 1320 18	
	1	Install Tracks (Residential x2)	08 36 1320 18	
1	1	install Door (12'x12')	08 36 1310 23	
		Demolition Concrete Assume 200 SF (x 1.5 small job)	02 41 1317 53	
ž.	1	Install Concrete 4" Assume 200 SF (x 1.5 small job)		
8	1 1	Install Concrete Base 4" (x 1.5 small Job)	32 06 1010 03	359
5		Install Acuator/Opening Devices and Components	32 06 1010 04	0.00
į.	1 1	Electrical Fee 10.1%	Estimate	\$3,50
1	1 1	Contingency 15%	01 11 3130 030	
_		Contingency 13%	Experience	\$2,57
			Sub-Total (E	A) \$19,73
4			Total District	\$39,47
Incas Class	Towns I			
Door Size		ltem	Reference	Cost
12' x 10'8	1 1	Demolition/Remove Operator 1HP (1/2/HP Labor x 2)	08 36 1310 295	\$770
	1 1	Demolition/Remove Door and Frame (12' x 12')	08 05 0510 340	0 \$299
ı	1 1	nstall Operator 1HP (1/2HP x 2)	08 36 1310 295	\$3,550
	1 1	nstall Hardware (Residential x2)	08 36 1320 180	
	1 1	nstall Tracks (Residential x2)	08 36 1320 181	
		nstall Door (12'x12')	08 36 1310 230	31
		Demolition Concrete Assume 200 SF (x 1.5 small job)	02 41 1317 5300	
	1 1	nstall Concrete 4" Assume 200 SF (x 1.5 small job)	32 06 1010 0310	, , , , ,
	1 %	nstall Concrete Base 4" (x 1.5 small job)	32 06 1010 0450	
	J [#	nstall Acuator/Opening Devices and Components		
	lr.		ESTIMATA	€ 5 € 6 € 6 € 6 € 6 € 6 € 6 € 6 € 6 € 6
	lr.	lectrical Fee 10.1%	Estimate 01 11 3130 0300	\$3,500
	lr E	lectrical Fee 10.1% ontingency 15%	01 11 3130 0300	\$1,574
	lr E	lectrical Fee 10.1%	01 11 3130 0300 Experience	\$1,574 \$2,574
	lr E	lectrical Fee 10.1%	01 11 3130 0300	\$1,574 \$2,574
Door Size	Ir El C	lectrical Fee 10.1% ontingency 15%	01 11 3130 0300 Experience Sub-Total (EA	\$1,574 \$2,574 \$19,737
Door Size	Quantity Ite	lectrical Fee 10.1% ontingency 15% em	01 11 3130 0300 Experience Sub-Total (EA	\$1,574 \$2,574 \$19,737
Door Size 16' x 10'	Quantity ltd	ectrical Fee 10.1% ontingency 15% em emolition/Remove Operator 1HP (1/2/HP Labor x 2)	01 11 3130 0300 Experience Sub-Total (EA Reference 08 36 1310 2950	\$1,574 \$2,574 \$19,737 Cost \$770
	Quantity lite	em. emolition/Remove Operator 1HP (1/2/HP Labor x 2) emolition/Remove Door and Frame (16' x 12') (Labor)	01 11 3130 0300 Experience Sub-Total (EA	\$1,574 \$2,574 \$19,737 Cost \$770
	Quantity lite	em. emolition/Remove Operator 1HP (1/2/HP Labor x 2) emolition/Remove Door and Frame (16' x 12') (Labor) stall Operator 1HP (1/2HP x 2)	01 11 3130 0300 Experience Sub-Total (EA Reference 08 36 1310 2950 08 36 1310 1400 08 36 1310 2950	\$1,574 \$2,574 \$19,737 Cost \$770 \$775 \$3,550
	Quantity lite	em. emolition/Remove Operator 1HP (1/2/HP Labor x 2) emolition/Remove Door and Frame (16' x 12') (Labor) stall Operator 1HP (1/2HP x 2) stall Hardware (Residential x2.5)	01 11 3130 0300 Experience Sub-Total (EA Reference 08 36 1310 2950 08 36 1310 1400 08 36 1310 2950 08 36 1320 1800	\$1,574 \$2,574 \$19,737 \$19,737 \$770 \$775 \$3,550 \$1,263
	Quantity its	em. emolition/Remove Operator 1HP (1/2/HP Labor x 2) emolition/Remove Door and Frame (16' x 12') (Labor) stall Operator 1HP (1/2HP x 2) stall Hardware (Residential x2.5) stall Tracks (Residential x2.5)	01 11 3130 0300 Experience Sub-Total (EA Reference 08 36 1310 2950 08 36 1310 1400 08 36 1310 2950 08 36 1320 1800	\$1,574 \$2,574 \$19,737 \$19,737 \$770 \$775 \$3,550 \$1,263
	Quantity It	em emolition/Remove Operator 1HP (1/2/HP Labor x 2) emolition/Remove Door and Frame (16' x 12') (Labor) stall Operator 1HP (1/2HP x 2) stall Hardware (Residential x2.5) stall Tracks (Residential x2.5) stall Door (16'x12')	01 11 3130 0300 Experience Sub-Total (EA Reference 08 36 1310 2950 08 36 1310 1400 08 36 1310 1800 08 36 1320 1810	\$1,574 \$2,574 \$19,737 \$19,737 \$770 \$775 \$3,550 \$1,263 \$763
	Quantity It	em emolition/Remove Operator 1HP (1/2/HP Labor x 2) emolition/Remove Door and Frame (16' x 12') (Labor) stall Operator 1HP (1/2HP x 2) stall Hardware (Residential x2.5) stall Tracks (Residential x2.5) stall Door (16'x12') emolition Concrete Assume 200 SF (x 1.5 small job)	01 11 3130 0300 Experience Sub-Total (EA Reference 08 36 1310 2950 08 36 1310 1400 08 36 1320 1800 08 36 1320 1810 08 36 1310 1400	\$1,574 \$2,574 \$19,737 \$19,737 \$770 \$775 \$3,550 \$1,263 \$763 \$4,050
	Quantity it	em emolition/Remove Operator 1HP (1/2/HP Labor x 2) emolition/Remove Door and Frame (16' x 12') (Labor) stall Operator 1HP (1/2HP x 2) stall Hardware (Residential x2.5) stall Tracks (Residential x2.5) stall Door (16'x12') emolition Concrete Assume 200 SF (x 1.5 small job) stall Concrete 4* Assume 200 SF (x 1.5 small job)	01 11 3130 0300 Experience Sub-Total (EA Reference 08 36 1310 2950 08 36 1310 1400 08 36 1320 1800 08 36 1320 1810 08 36 1310 1400 02 41 1317 5300	\$1,574 \$2,574 \$19,737 \$770 \$775 \$3,550 \$1,263 \$763 \$4,050 \$600
	Quantity it	em emolition/Remove Operator 1HP (1/2/HP Labor x 2) emolition/Remove Door and Frame (16' x 12') (Labor) stall Operator 1HP (1/2HP x 2) stall Hardware (Residential x2.5) stall Tracks (Residential x2.5) stall Door (16'x12') emolition Concrete Assume 200 SF (x 1.5 small job) stall Concrete 4* Assume 200 SF (x 1.5 small job)	01 11 3130 0300 Experience Sub-Total (EA Reference 08 36 1310 2950 08 36 1310 1400 08 36 1320 1800 08 36 1320 1810 08 36 1310 1400 02 41 1317 5300 32 06 1010 0310	\$1,574 \$2,574 \$19,737 \$770 \$775 \$3,550 \$1,263 \$763 \$4,050 \$600 \$1,209
	Quantity it. 1 Dr. Dr. In:	em emolition/Remove Operator 1HP (1/2/HP Labor x 2) emolition/Remove Door and Frame (16' x 12') (Labor) stall Operator 1HP (1/2HP x 2) stall Hardware (Residential x2.5) stall Tracks (Residential x2.5) stall Door (16'x12') emolition Concrete Assume 200 SF (x 1.5 small job) stall Concrete Base 4" (x 1.5 small job)	01 11 3130 0300 Experience Sub-Total (EA Reference 08 36 1310 2950 08 36 1310 1400 08 36 1320 1800 08 36 1320 1810 08 36 1310 1400 02 41 1317 5300 32 06 1010 0310 32 06 1010 0450	\$1,574 \$2,574 \$19,737 \$770 \$775 \$3,550 \$1,263 \$763 \$4,050 \$600 \$1,209 \$315
	Quantity it. 1 Dr. Dr. In:	em emolition/Remove Operator 1HP (1/2/HP Labor x 2) emolition/Remove Door and Frame (16' x 12') (Labor) stall Operator 1HP (1/2HP x 2) stall Hardware (Residential x2.5) stall Tracks (Residential x2.5) stall Door (16'x12') emolition Concrete Assume 200 SF (x 1.5 small job) stall Concrete 4* Assume 200 SF (x 1.5 small job)	01 11 3130 0300 Experience Sub-Total (EA Reference 08 36 1310 2950 08 36 1310 1400 08 36 1320 1800 08 36 1320 1810 08 36 1310 1400 02 41 1317 5300 32 06 1010 0310	\$1,574 \$2,574 \$19,737 \$770 \$775 \$3,550 \$1,263 \$763 \$4,050 \$600 \$1,209

	Door Size	Quantity	ltem	Reference	Cost
	12' x 10'8"	1	Demolition/Remove Operator 1HP (1/2/HP Labor x 2)	08 36 1310 2950	
101	1		Demolition/Remove Door and Frame (12' x 12')	08 05 0510 3400	
3063			install Operator 1HP (1/2HP x 2)	08 36 1310 2950	\$3,550
	1	i	install Hardware (Residential x2)	08 36 1320 1800	\$1,010

Sub-Total (EA) \$21,264 Total District 4 \$41,000

Install Door (12/12) Demolition Concrete Assume 200 SF (x 1.5 small job) 22 06 1010 0330 S 1, 15 15 15 15 15 15 15 15 15 15 15 15 15						
Install Boor 12x12	- 4,, 	1	ı	Install Tracks (Residential x2)	08 36 1320 181	o \$6
Demolition Concrete Assume 2005 (r. 1.5 small job) 124 1317 5300 153 1310 2000 153 131			1	•	1	
Install Concrete Base 4" 1.5 small job 20 60 100 0310 51.2	1.7 188			· · · · · · · · · · · · · · · · · · ·		
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Install Acuator/Opening Devices and Components Estimate Sincercial Fee 10.13		î, E	1		1	1 ' '
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Demoition/Nemove Door and Frame (20 x 16) (Labor) 03 86 1310 1260 53.1	5	*		Joenning Land		
Demoition/Nemove Door and Frame (20 x 16) (Labor) 03 86 1310 1260 53.1	Distric	Door Size	Quantity	y Item	Reference	Cost
Demoition/Nemove Door and Frame (20 x 16) (Labor) 03 86 1310 1260 53.1		16' x 10'				
Install Operator 1HP (1/2/HP x 3) 03 85 1310 2950 53.5 11		1	1			0.500
Install Tracks (Residential x2.5) 03 36 1320 1810 55	经进			아는 그들은 사람들이 얼마나 있다면 살아가 있다면 하는 것이 없는 것이었다면 없는 것이 없는 것이었다면 없는 것이 없는 것이 없는 것이었다면 없는 것이었다면 없는 것이 없는 것이었다면 없는 것이 없는 것이었다면 없는데		10 10 10 10 10 Top
Install Tracks (Residential x2.5) 03 36 1320 1810 55		8	1	4 TO HER TO THE TO THE TREE THE TANK AND THE		
Demolition Concrete Assume 200 SF (x 1.5 small job) 03 41 313 7500 55.5			1			
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Install Concrete A** Assume 200 SF (x 1.5 small job) 12 06 1010 0330 51.2 11.3 13.0		E .	1			
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Install Acutor/Opening Devices and Components Estimate \$3.5		£1	1	. [-] - [-] 가는 사람들이 되었다면 하는데 하는데 하는데 하게 있었다면 하는데		
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Door Size	PRESIDE	ii .	1	- 1 IB 및 1.15 및 전에 열차 : 1 (2)	The state of the state of the state of the state of the	1000000
Door Size Quantity Item Reference Cost				Contingency 13%		
Door Size Quantity Item Reference Cost						-
12 x 10'6' 2 Demolition/Remove Operator 1HP (1/2/HP Labor x 2) Demolition/Remove Door and Frame (12' x 12') 08 05 05 03 0400 08 05 05 03 0400 08 05 05 03 0400 08 05 05 03 0400 08 05 05 03 0400 08 05 05 03 0400 08 05 05 03 0400 08 05 05 05 03 0400 08 05 05 05 05 05 05 05 05 05 05 05 05 05		- 				
Demolition/Remove Door and Frame (12' x 12') 08 80 50 510 3400 522 Install Operator 1HP (1/2/HP x 2) 08 36 1310 2950 53.5; Install Hardware (Residential x2) 08 36 1310 2950 53.5; Install Concrete Assume 200 SF (x 1.5 small job) 02 41 1317 5300 560 Install Concrete Assume 200 SF (x 1.5 small job) 03 20 61010 0310 51.20 Install Concrete Assume 200 SF (x 1.5 small job) 1 32 06 1010 0310 51.20 Install Acuator/Opening Devices and Components Estimate 53.50 Install Concrete Base 4" (x 1.5 small job) 1 32 06 1010 0450 53.5 Install Concrete Base 4" (x 1.5 small job) 1 32 06 1010 0450 53.5 Install Operator 1HP (1/2/HP x 2) 08 36 1310 2950 52.7 Install Operator 1HP (1/2/HP x 2) 08 36 1310 02950 53.5 Install Tracks (Residential x2) 08 36 1310 0300 51.20 Install Tracks (Residential x2) 08 36 1310 0300 53.7 Install Concrete 4* Assume 200 SF (x 1.5 small job) 20 41 1317 5300 53.0 Install Concrete 4* Assume 200 SF (x 1.5 small job) 20 41 1317 5300 53.0 Install Concrete 4* Assume 200 SF (x 1.5 small job) 20 00 10 0010 53.1 Install Concrete 4* Assume 200 SF (x 1.5 small job) 20 00 10 0010 53.1 Install Concrete Assume 200 SF (x 1.5 small job) 20 00 10 0010 53.1 Install Concrete Assume 200 SF (x 1.5 small job) 20 00 10 0010 53.1 Install Concrete Base 4" (x 1.5 small job) 20 00 10 0010 53.1 Install Concrete Base 4" (x 1.5 small job) 20 00 10 0010 53.1 Install Concrete Base 4" (x 1.5 small job) 20 00 00 00 00 00 00 00 00 00 00 00 00						
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Install Hardware (Residential x2)	的行政		1			
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Install Acuator/Opening Devices and Components Estimate S3,50	學系統		1	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -		
Install Acuator/Opening Devices and Components Estimate S3,50	S	1	1			11/2/02/02
Install Acuator/Opening Devices and Components Estimate S3,50	大雅	1	1	나는 사람이 있다면 가장 하는 사람들이 가는 사람들이 가는 사람들이 되었다면 하는 사람들이 되었다면 하는데	- 10 전 10 M (10 M) - 10 M (10 M) - 10 M (10 M)	
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Door Size Quantity Item Reference Cost	4.000		1	# (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)		
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Door Size Quantity Item Reference Cost	ā			Install Concrete Base 4" (x 1.5 small Job) Install Acuator/Opening Devices and Components	32 06 1010 0450	\$31
Door Size Quantity Item Reference Cost	ā			Install Concrete Base 4" (x 1.5 small job) Install Acuator/Opening Devices and Components Electrical Fee 10.1%	32 06 1010 0450 Estimate	\$31 \$3,50
Door Size Quantity Item Reference Cost	a			Install Concrete Base 4" (x 1.5 small job) Install Acuator/Opening Devices and Components Electrical Fee 10.1%	32 06 1010 0450 Estimate 01 11 3130 0300	\$31 \$3,50 \$1,57
12' x 10'6" 2 Demolition/Remove Operator 1HP (1/2/HP Labor x 2) 08 36 1310 2950 577	Ö			Install Concrete Base 4" (x 1.5 small job) Install Acuator/Opening Devices and Components Electrical Fee 10.1%	32 06 1010 0450 Estimate 01 11 3130 0300 Experience Sub-Total (EA)	\$31 \$3,50 \$1,57 \$2,57 \$19,73
Demolition/Remove Door and Frame (12' x 12')	ā			Install Concrete Base 4" (x 1.5 small job) Install Acuator/Opening Devices and Components Electrical Fee 10.1%	32 06 1010 0450 Estimate 01 11 3130 0300 Experience Sub-Total (EA)	\$31 \$3,50 \$1,57 \$2,57 \$19,73
Install Operator 1HP (1/2HP x 2)	d			Install Concrete Base 4" (x 1.5 small job) Install Acuator/Opening Devices and Components Electrical Fee 10.1% Contingency 15%	32 06 1010 0450 Estimate 01 11 3130 0300 Experience Sub-Total (EA) Total District 6	\$31 \$3,50 \$1,57 \$2,57 \$19,73 \$39,47
Install Hardware (Residential x2)	ď			Install Concrete Base 4" (x 1.5 small job) Install Acuator/Opening Devices and Components Electrical Fee 10.1% Contingency 15% Item Demolition/Remove Operator 1HP (1/2/HP Labor x 2)	32 06 1010 0450 Estimate 01 11 3130 0300 Experience Sub-Total (EA) Total District 6 Reference 08 36 1310 2950	\$31 \$3,50 \$1,57 \$2,57 \$19,73 \$39,47
Install Tracks (Residential x2)	ĬĠ			Install Concrete Base 4" (x 1.5 small job) Install Acuator/Opening Devices and Components Electrical Fee 10.1% Contingency 15% Item Demolition/Remove Operator 1HP (1/2/HP Labor x 2) Demolition/Remove Door and Frame (12' x 12')	32 06 1010 0450 Estimate 01 11 3130 0300 Experience Sub-Total (EA) Total District 6 Reference 08 36 1310 2950 08 05 0510 3400	\$31 \$3,50 \$1,57 \$2,57 \$19,73 \$39,47 Cost \$77 \$29
Install Acuator/Opening Devices and Components Estimate \$3,500	Ī			Install Concrete Base 4" (x 1.5 small job) Install Acuator/Opening Devices and Components Electrical Fee 10.1% Contingency 15% Item Demolition/Remove Operator 1HP (1/2/HP Labor x 2) Demolition/Remove Door and Frame (12' x 12') Install Operator 1HP (1/2HP x 2)	32 06 1010 0450 Estimate 01 11 3130 0300 Experience Sub-Total (EA) Total District 6 Reference 08 36 1310 2950 08 05 0510 3400 08 36 1310 2950	\$31 \$3,50 \$1,57 \$2,57 \$19,73 \$39,47 Cost \$77 \$29:
Install Acuator/Opening Devices and Components Estimate \$3,500				Install Concrete Base 4" (x 1.5 small job) Install Acuator/Opening Devices and Components Electrical Fee 10.1% Contingency 15% Item Demolition/Remove Operator 1HP (1/2/HP Labor x 2) Demolition/Remove Door and Frame (12' x 12') Install Operator 1HP (1/2HP x 2) Install Hardware (Residential x2)	32 06 1010 0450 Estimate 01 11 3130 0300 Experience Sub-Total (EA) Total District 6 Reference 08 36 1310 2950 08 05 0510 3400 08 36 1310 2950 08 36 1320 1800	\$31,57 \$3,50 \$1,57 \$2,57 \$19,73 \$39,47 Cost \$777 \$29: \$3,55(\$1,01(
Install Acuator/Opening Devices and Components Estimate \$3,500				Install Concrete Base 4" (x 1.5 small job) Install Acuator/Opening Devices and Components Electrical Fee 10.1% Contingency 15% Item Demolition/Remove Operator 1HP (1/2/HP Labor x 2) Demolition/Remove Door and Frame (12' x 12') Install Operator 1HP (1/2HP x 2) Install Hardware (Residential x2) Install Tracks (Residential x2)	32 06 1010 0450 Estimate 01 11 3130 0300 Experience Sub-Total (EA) Total District 6 Reference 08 36 1310 2950 08 05 0510 3400 08 36 1310 2950 08 36 1320 1800 08 36 1320 1810	\$31,57 \$2,57 \$19,73 \$39,47 Cost \$777 \$29; \$3,556 \$1,010 \$610
Install Acuator/Opening Devices and Components Estimate \$3,500				Install Concrete Base 4" (x 1.5 small job) Install Acuator/Opening Devices and Components Electrical Fee 10.1% Contingency 15% Item Demolition/Remove Operator 1HP (1/2/HP Labor x 2) Demolition/Remove Door and Frame (12' x 12') Install Operator 1HP (1/2HP x 2) Install Hardware (Residential x2) Install Tracks (Residential x2) Install Door (12'x12')	32 06 1010 0450 Estimate 01 11 3130 0300 Experience Sub-Total (EA) Total District 6 Reference 08 36 1310 2950 08 05 0510 3400 08 36 1310 2950 08 36 1320 1810 08 36 1310 2300	\$31,57 \$3,50 \$1,57 \$2,57 \$19,73 \$39,47 Cost \$777 \$299 \$3,556 \$1,010 \$3,725
Install Acuator/Opening Devices and Components Estimate \$3,500				Install Concrete Base 4" (x 1.5 small job) Install Acuator/Opening Devices and Components Electrical Fee 10.1% Contingency 15% Item Demolition/Remove Operator 1HP (1/2/HP Labor x 2) Demolition/Remove Door and Frame (12' x 12') Install Operator 1HP (1/2HP x 2) Install Hardware (Residential x2) Install Tracks (Residential x2) Install Door (12'x12') Demolition Concrete Assume 200 SF (x 1.5 small job)	32 06 1010 0450 Estimate 01 11 3130 0300 Experience Sub-Total (EA) Total District 6 Reference 08 36 1310 2950 08 05 0510 3400 08 36 1310 2950 08 36 1320 1800 08 36 1320 1810 08 36 1310 2300 02 41 1317 5300	\$31,57 \$3,50 \$1,57 \$2,57 \$39,47 Cost \$777 \$299 \$3,556 \$1,010 \$3,729 \$600
Door Size Quantity Item Reference Cost Sub-Total (EA) \$19,737				Install Concrete Base 4" (x 1.5 small job) Install Acuator/Opening Devices and Components Electrical Fee 10.1% Contingency 15% Item Demolition/Remove Operator 1HP (1/2/HP Labor x 2) Demolition/Remove Door and Frame (12' x 12') Install Operator 1HP (1/2HP x 2) Install Operator 1HP (1/2HP x 2) Install Tracks (Residential x2) Install Door (12'x12') Demolition Concrete Assume 200 SF (x 1.5 small job) Install Concrete 4" Assume 200 SF (x 1.5 small job)	32 06 1010 0450 Estimate 01 11 3130 0300 Experience Sub-Total (EA) Total District 6 Reference 08 36 1310 2950 08 36 1310 2950 08 36 1320 1800 08 36 1320 1810 08 36 1310 2300 02 41 1317 5300 32 06 1010 0310	\$31,57 \$1,57 \$2,57 \$19,73 \$39,47 Cost \$77 \$29 \$3,55 \$1,01 \$61 \$3,72! \$600
Door Size Quantity Item Reference Cost	District			Install Concrete Base 4" (x 1.5 small job) Install Acuator/Opening Devices and Components Electrical Fee 10.1% Contingency 15% Item Demolition/Remove Operator 1HP (1/2/HP Labor x 2) Demolition/Remove Door and Frame (12' x 12') Install Operator 1HP (1/2HP x 2) Install Hardware (Residential x2) Install Tracks (Residential x2) Install Door (12'x12') Demolition Concrete Assume 200 SF (x 1.5 small job) Install Concrete 4" Assume 200 SF (x 1.5 small job) Install Concrete Base 4" (x 1.5 small job)	32 06 1010 0450 Estimate 01 11 3130 0300 Experience Sub-Total (EA) Total District 6 Reference 08 36 1310 2950 08 36 1310 2950 08 36 1320 1800 08 36 1320 1810 08 36 1310 2300 02 41 1317 5300 32 06 1010 0310	\$31,57 \$2,57 \$19,73 \$39,47 Cost \$777 \$299 \$3,550 \$1,010 \$610 \$3,729 \$600 \$1,205
Door Size Quantity Item Reference Cost				Install Concrete Base 4" (x 1.5 small job) Install Acuator/Opening Devices and Components Electrical Fee 10.1% Contingency 15% Item Demolition/Remove Operator 1HP (1/2/HP Labor x 2) Demolition/Remove Door and Frame (12' x 12') Install Operator 1HP (1/2HP x 2) Install Hardware (Residential x2) Install Tracks (Residential x2) Install Door (12'x12') Demolition Concrete Assume 200 SF (x 1.5 small job) Install Concrete 4" Assume 200 SF (x 1.5 small job) Install Concrete Base 4" (x 1.5 small job) Install Acuator/Opening Devices and Components	32 06 1010 0450 Estimate 01 11 3130 0300 Experience Sub-Total (EA) Total District 6 Reference 08 36 1310 2950 08 05 0510 3400 08 36 1320 1800 08 36 1320 1800 08 36 1320 1810 08 36 1310 2300 02 41 1317 5300 32 06 1010 0310 32 06 1010 0450 Estimate	\$31,50 \$1,57 \$2,57 \$19,73 \$39,47 Cost \$777 \$299 \$3,556 \$1,016 \$3,729 \$600 \$1,209 \$315
Door Size Quantity Item Reference Cost				Install Concrete Base 4" (x 1.5 small job) Install Acuator/Opening Devices and Components Electrical Fee 10.1% Contingency 15% Item Demolition/Remove Operator 1HP (1/2/HP Labor x 2) Demolition/Remove Door and Frame (12' x 12') Install Operator 1HP (1/2HP x 2) Install Hardware (Residential x2) Install Tracks (Residential x2) Install Door (12'x12') Demolition Concrete Assume 200 SF (x 1.5 small job) Install Concrete 4" Assume 200 SF (x 1.5 small job) Install Concrete Base 4" (x 1.5 small job) Install Acuator/Opening Devices and Components Electrical Fee 10.1%	32 06 1010 0450 Estimate 01 11 3130 0300 Experience Sub-Total (EA) Total District 6 Reference 08 36 1310 2950 08 36 1310 2950 08 36 1320 1800 08 36 1320 1810 08 36 1310 2300 02 41 1317 5300 32 06 1010 0310 32 06 1010 0450 Estimate 01 11 3130 0300	\$31,500 \$1,57 \$2,57 \$19,73 \$39,47 Cost \$777 \$299 \$3,556 \$1,010 \$3,721 \$600 \$1,205 \$315 \$3,500
Door Size Quantity Item Reference Cost				Install Concrete Base 4" (x 1.5 small job) Install Acuator/Opening Devices and Components Electrical Fee 10.1% Contingency 15% Item Demolition/Remove Operator 1HP (1/2/HP Labor x 2) Demolition/Remove Door and Frame (12' x 12') Install Operator 1HP (1/2HP x 2) Install Hardware (Residential x2) Install Tracks (Residential x2) Install Door (12'x12') Demolition Concrete Assume 200 SF (x 1.5 small job) Install Concrete 4" Assume 200 SF (x 1.5 small job) Install Concrete Base 4" (x 1.5 small job) Install Acuator/Opening Devices and Components Electrical Fee 10.1%	32 06 1010 0450 Estimate 01 11 3130 0300 Experience Sub-Total (EA) Total District 6 Reference 08 36 1310 2950 08 36 1310 2950 08 36 1320 1800 08 36 1320 1810 08 36 1310 2300 02 41 1317 5300 32 06 1010 0310 32 06 1010 0450 Estimate 01 11 3130 0300	\$31 \$3,500 \$1,57 \$2,57 \$19,73 \$39,47 Cost \$77 \$29 \$3,55 \$1,01 \$61 \$3,72! \$620 \$1,200 \$315 \$3,500 \$315
20' x 10'0" 2 Demolition/Remove Operator 1HP (1/2/HP Labor x 3) 08 36 1310 2950 \$1,155 Demolition/Remove Door and Frame (20 x 16') (Labor) 08 36 1310 1600 \$1,175 Install Operator 1HP (1/2HP x 3) 08 36 1310 2950 \$5,325 Install Hardware (Residential x2) 08 36 1320 1800 \$1,515 Install Tracks (Residential x2) 08 36 1320 1810 \$915 Install Tracks (Residential x2) 08 36 1310 1600 \$1,515 Install Door (20'x16') (Divide by 1.3) 08 36 1310 1600 \$7,045 Demolition Concrete Assume 200 SF (x 1.5 small job) 02 41 1317 5300 \$600 Install Concrete 4" Assume 200 SF (x 1.5 small job) 32 06 1010 0310 \$1,209 Install Concrete Base 4" (x 1.5 small job) 32 06 1010 0450 \$315 Install Acuator/Opening Devices and Components Estimate \$3,500 Electrical Fee 10.1% Contingency 15% Experience \$3,758 Sub-Total (EA) \$28,811				Install Concrete Base 4" (x 1.5 small job) Install Acuator/Opening Devices and Components Electrical Fee 10.1% Contingency 15% Item Demolition/Remove Operator 1HP (1/2/HP Labor x 2) Demolition/Remove Door and Frame (12' x 12') Install Operator 1HP (1/2HP x 2) Install Hardware (Residential x2) Install Tracks (Residential x2) Install Door (12'x12') Demolition Concrete Assume 200 SF (x 1.5 small job) Install Concrete 4" Assume 200 SF (x 1.5 small job) Install Concrete Base 4" (x 1.5 small job) Install Acuator/Opening Devices and Components Electrical Fee 10.1%	32 06 1010 0450 Estimate 01 11 3130 0300 Experience Sub-Total (EA) Total District 6 Reference 08 36 1310 2950 08 36 1310 2950 08 36 1320 1810 08 36 1310 2300 02 41 1317 5300 32 06 1010 0450 Estimate 01 11 3130 0300 Experience Sub-Total (EA)	\$31 \$3,50 \$1,57 \$2,57 \$19,73 \$39,47 Cost \$77 \$29 \$3,55 \$1,01 \$61 \$3,72: \$600 \$1,50 \$31: \$3,50 \$31: \$3,50 \$31: \$3,50 \$31: \$31: \$31: \$31: \$31: \$31: \$31: \$31:
Demolition/Remove Door and Frame (20 x 16') (Labor) 08 36 1310 1600 \$1,175 Install Operator 1HP (1/2HP x 3) 08 36 1310 2950 \$5,325 Install Hardware (Residential x2) 08 36 1320 1800 \$1,515 Install Tracks (Residential x2) 08 36 1320 1810 \$915 Install Door (20'x16') (Divide by 1.3) 08 36 1310 1600 \$7,045 Demolition Concrete Assume 200 SF (x 1.5 small job) 02 41 1317 5300 \$600 Install Concrete 4" Assume 200 SF (x 1.5 small job) 32 06 1010 0310 \$1,209 Install Concrete Base 4" (x 1.5 small job) 32 06 1010 0450 \$315 Install Acuator/Opening Devices and Components Estimate \$3,500 Electrical Fee 10.1% \$113130 0300 \$2,298 Contingency 15% Sub-Total (EA) \$28,811 Sub-Total (EA) \$28,811				Install Concrete Base 4" (x 1.5 small job) Install Acuator/Opening Devices and Components Electrical Fee 10.1% Contingency 15% Item Demolition/Remove Operator 1HP (1/2/HP Labor x 2) Demolition/Remove Door and Frame (12' x 12') Install Operator 1HP (1/2HP x 2) Install Hardware (Residential x2) Install Tracks (Residential x2) Install Door (12'x12') Demolition Concrete Assume 200 SF (x 1.5 small job) Install Concrete 4" Assume 200 SF (x 1.5 small job) Install Concrete Base 4" (x 1.5 small job) Install Acuator/Opening Devices and Components Electrical Fee 10.1%	32 06 1010 0450 Estimate 01 11 3130 0300 Experience Sub-Total (EA) Total District 6 Reference 08 36 1310 2950 08 36 1310 2950 08 36 1320 1810 08 36 1310 2300 02 41 1317 5300 32 06 1010 0450 Estimate 01 11 3130 0300 Experience Sub-Total (EA)	\$31 \$3,50 \$1,57 \$2,57 \$19,73 \$39,47 Cost \$77 \$29 \$3,55 \$1,01 \$61 \$3,72: \$600 \$1,50 \$31: \$3,50 \$31: \$3,50 \$31: \$3,50 \$31: \$31: \$31: \$31: \$31: \$31: \$31: \$31:
Demolition/Remove Door and Frame (20 x 16') (Labor) 08 36 1310 1600 \$1,175 Install Operator 1HP (1/2HP x 3) 08 36 1310 2950 \$5,325 Install Hardware (Residential x2) 08 36 1320 1800 \$1,515 Install Tracks (Residential x2) 08 36 1320 1810 \$915 Install Door (20'x16') (Divide by 1.3) 08 36 1310 1600 \$7,045 Demolition Concrete Assume 200 SF (x 1.5 small job) 02 41 1317 5300 \$600 Install Concrete 4" Assume 200 SF (x 1.5 small job) 32 06 1010 0310 \$1,209 Install Concrete Base 4" (x 1.5 small job) 32 06 1010 0450 \$315 Install Acuator/Opening Devices and Components Estimate \$3,500 Electrical Fee 10.1% \$113130 0300 \$2,298 Contingency 15% Sub-Total (EA) \$28,811 Sub-Total (EA) \$28,811	District	12' x 10'6"	2	Install Concrete Base 4" (x 1.5 small job) Install Acuator/Opening Devices and Components Electrical Fee 10.1% Contingency 15% Item Demolition/Remove Operator 1HP (1/2/HP Labor x 2) Demolition/Remove Door and Frame (12' x 12') Install Operator 1HP (1/2HP x 2) Install Hardware (Residential x2) Install Tracks (Residential x2) Install Door (12'x12') Demolition Concrete Assume 200 SF (x 1.5 small job) Install Concrete 4" Assume 200 SF (x 1.5 small job) Install Concrete Base 4" (x 1.5 small job) Install Acuator/Opening Devices and Components Electrical Fee 10.1% Contingency 15%	32 06 1010 0450 Estimate 01 11 3130 0300 Experience Sub-Total (EA) Total District 6 Reference 08 36 1310 2950 08 36 1310 2950 08 36 1320 1800 08 36 1320 1810 08 36 1310 2300 02 41 1317 5300 32 06 1010 0310 32 06 1010 0450 Estimate 01 11 3130 0300 Experience Sub-Total (EA) Total District 7	\$33,50 \$1,57; \$2,57; \$39,47 Cost \$777 \$29 \$3,55; \$1,01 \$61 \$3,72 \$60 \$1,20; \$31,55 \$3,55; \$2,57; \$2,57; \$2,57; \$39,473
720,022	Councy Co	12' x 10'6" Door Size	Quantity	Install Concrete Base 4" (x 1.5 small job) Install Acuator/Opening Devices and Components Electrical Fee 10.1% Contingency 15% Item Demolition/Remove Operator 1HP (1/2/HP Labor x 2) Demolition/Remove Door and Frame (12' x 12') Install Operator 1HP (1/2HP x 2) Install Hardware (Residential x2) Install Tracks (Residential x2) Install Door (12'x12') Demolition Concrete Assume 200 SF (x 1.5 small job) Install Concrete 4" Assume 200 SF (x 1.5 small job) Install Concrete Base 4" (x 1.5 small job) Install Acuator/Opening Devices and Components Electrical Fee 10.1% Contingency 15% Item Demolition/Remove Operator 1HP (1/2/HP Labor x 3)	32 06 1010 0450 Estimate 01 11 3130 0300 Experience Sub-Total (EA) Total District 6 Reference 08 36 1310 2950 08 36 1310 2950 08 36 1320 1800 08 36 1320 1810 08 36 1310 2300 02 41 1317 5300 32 06 1010 0310 32 06 1010 0450 Estimate 01 11 3130 0300 Experience Sub-Total (EA) Total District 7	\$31, \$3,50 \$1,57 \$2,57 \$39,47 Cost \$777 \$29 \$3,55 \$1,01 \$61 \$3,72; \$600 \$1,20; \$31; \$3,550 \$2,574 \$3,59,473
720,022	District	12' x 10'6" Door Size	Quantity	Install Concrete Base 4" (x 1.5 small job) Install Acuator/Opening Devices and Components Electrical Fee 10.1% Contingency 15% Item Demolition/Remove Operator 1HP (1/2/HP Labor x 2) Demolition/Remove Door and Frame (12' x 12') Install Operator 1HP (1/2HP x 2) Install Hardware (Residential x2) Install Tracks (Residential x2) Install Door (12'x12') Demolition Concrete Assume 200 SF (x 1.5 small job) Install Concrete 4" Assume 200 SF (x 1.5 small job) Install Concrete Base 4" (x 1.5 small job) Install Acuator/Opening Devices and Components Electrical Fee 10.1% Contingency 15% Item Demolition/Remove Operator 1HP (1/2/HP Labor x 3)	32 06 1010 0450 Estimate 01 11 3130 0300 Experience Sub-Total (EA) Total District 6 Reference 08 36 1310 2950 08 36 1310 2950 08 36 1320 1810 08 36 1310 2300 02 41 1317 5300 32 06 1010 0310 32 06 1010 0310 32 06 1010 0310 Estimate 01 11 3130 0300 Experience Sub-Total (EA) Total District 7 Reference 08 36 1310 2950	\$31, \$3,50 \$1,57 \$2,57 \$39,47 Cost \$77 \$29 \$3,55 \$1,01 \$3,72 \$60 \$1,20 \$3,15 \$3,55 \$1,57 \$2,57 \$2,57 \$2,57 \$2,57 \$2,57 \$3,50 \$
720,022	District	12' x 10'6" Door Size	Quantity	Install Concrete Base 4" (x 1.5 small job) Install Acuator/Opening Devices and Components Electrical Fee 10.1% Contingency 15% Item Demolition/Remove Operator 1HP (1/2/HP Labor x 2) Demolition/Remove Door and Frame (12' x 12') Install Operator 1HP (1/2HP x 2) Install Hardware (Residential x2) Install Tracks (Residential x2) Install Door (12'x12') Demolition Concrete Assume 200 SF (x 1.5 small job) Install Concrete 4" Assume 200 SF (x 1.5 small job) Install Concrete Base 4" (x 1.5 small job) Install Acuator/Opening Devices and Components Electrical Fee 10.1% Contingency 15% Item Demolition/Remove Operator 1HP (1/2/HP Labor x 3) Demolition/Remove Door and Frame (20 x 16') (Labor)	32 06 1010 0450 Estimate 01 11 3130 0300 Experience Sub-Total (EA) Total District 6 Reference 08 36 1310 2950 08 36 1310 2950 08 36 1310 1810 08 36 1310 2300 02 41 1317 5300 32 06 1010 0310 32 06 1010 0450 Estimate 01 11 3130 0300 Experience Sub-Total (EA) Total District 7 Reference 08 36 1310 2950 08 36 1310 2950 08 36 1310 1600	\$31, \$3,50 \$1,57 \$2,57 \$39,47 Cost \$77 \$29 \$3,55 \$1,01 \$3,72 \$60 \$1,20 \$3,15 \$3,50 \$1,57 \$2,57 \$
720,021	District	12' x 10'6" Door Size	Quantity	Install Concrete Base 4" (x 1.5 small job) Install Acuator/Opening Devices and Components Electrical Fee 10.1% Contingency 15% Item Demolition/Remove Operator 1HP (1/2/HP Labor x 2) Demolition/Remove Door and Frame (12' x 12') Install Operator 1HP (1/2HP x 2) Install Hardware (Residential x2) Install Tracks (Residential x2) Install Door (12'x12') Demolition Concrete Assume 200 SF (x 1.5 small job) Install Concrete 4" Assume 200 SF (x 1.5 small job) Install Concrete Base 4" (x 1.5 small job) Install Acuator/Opening Devices and Components Electrical Fee 10.1% Contingency 15% Item Demolition/Remove Operator 1HP (1/2/HP Labor x 3) Demolition/Remove Door and Frame (20 x 16') (Labor) Install Operator 1HP (1/2HP x 3)	32 06 1010 0450 Estimate 01 11 3130 0300 Experience Sub-Total (EA) Total District 6 Reference 08 36 1310 2950 08 05 0510 3400 08 36 1310 2950 08 36 1310 1810 08 36 1310 2300 02 41 1317 5300 32 06 1010 0310 32 06 1010 0450 Estimate 01 11 3130 0300 Experience Sub-Total (EA) Total District 7 Reference 08 36 1310 2950 08 36 1310 1600 08 36 1310 2950	\$31 \$3,50 \$1,57 \$2,97 \$39,47 Cost \$77 \$29 \$3,55 \$1,01 \$3,72! \$600 \$1,205 \$3,157 \$2,57 \$2,57 \$1,973 \$39,473
720,021	District	12' x 10'6" Door Size	Quantity	Install Concrete Base 4" (x 1.5 small job) Install Acuator/Opening Devices and Components Electrical Fee 10.1% Contingency 15% Item Demolition/Remove Operator 1HP (1/2/HP Labor x 2) Demolition/Remove Door and Frame (12' x 12') Install Operator 1HP (1/2HP x 2) Install Hardware (Residential x2) Install Tracks (Residential x2) Install Door (12'x12') Demolition Concrete Assume 200 SF (x 1.5 small job) Install Concrete 4" Assume 200 SF (x 1.5 small job) Install Concrete Base 4" (x 1.5 small job) Install Acuator/Opening Devices and Components Electrical Fee 10.1% Contingency 15% Item Demolition/Remove Operator 1HP (1/2/HP Labor x 3) Demolition/Remove Door and Frame (20 x 16') (Labor) Install Operator 1HP (1/2HP x 3) Install Operator 1HP (1/2HP x 3) Install Hardware (Residential x2)	32 06 1010 0450 Estimate 01 11 3130 0300 Experience Sub-Total (EA) Total District 6 Reference 08 36 1310 2950 08 36 1310 2950 08 36 1320 1800 08 36 1310 2950 02 41 1317 5300 32 06 1010 0450 Estimate 01 11 3130 0300 Experience Sub-Total (EA) Total District 7 Reference 08 36 1310 2950 08 36 1310 2950 08 36 1310 2950 08 36 1310 2950 08 36 1310 2950 08 36 1310 2950 08 36 1310 2950	\$31 \$3,50 \$1,57 \$2,57 \$19,73 \$39,47 \$29 \$3,55 \$1,01 \$61 \$3,72 \$60 \$1,20 \$1,57 \$2,574 \$19,73 \$39,473
720,022	District	12' x 10'6" Door Size	Quantity	Install Concrete Base 4" (x 1.5 small job) Install Acuator/Opening Devices and Components Electrical Fee 10.1% Contingency 15% Item Demolition/Remove Operator 1HP (1/2/HP Labor x 2) Demolition/Remove Door and Frame (12' x 12') Install Operator 1HP (1/2HP x 2) Install Hardware (Residential x2) Install Tracks (Residential x2) Install Door (12'x12') Demolition Concrete Assume 200 SF (x 1.5 small job) Install Concrete 4" Assume 200 SF (x 1.5 small job) Install Concrete 8ase 4" (x 1.5 small job) Install Acuator/Opening Devices and Components Electrical Fee 10.1% Contingency 15% Item Demolition/Remove Operator 1HP (1/2/HP Labor x 3) Demolition/Remove Door and Frame (20 x 16') (Labor) Install Operator 1HP (1/2HP x 3) Install Hardware (Residential x2) Install Tracks (Residential x2)	32 06 1010 0450 Estimate 01 11 3130 0300 Experience Sub-Total (EA) Total District 6 Reference 08 36 1310 2950 08 36 1320 1800 08 36 1320 1810 08 36 1310 2950 02 41 1317 5300 32 06 1010 0310 32 06 1010 0310 32 06 1010 0450 Estimate 01 11 3130 0300 Experience Sub-Total (EA) Total District 7 Reference 08 36 1310 2950 08 36 1310 1600 08 36 1310 2950 08 36 1320 1800 08 36 1320 1800	\$31,50 \$1,57,51,57,52,57 \$19,73 \$39,47 \$29 \$3,55 \$1,01 \$3,72 \$61 \$3,72 \$60 \$1,20 \$3,55 \$1,01 \$3,50 \$1,57,57 \$2,57,57 \$1,57,53 \$2,57,51 \$3,50 \$1,57,57,52 \$1,175 \$1,175 \$1,175 \$5,325 \$1,155 \$1,155 \$1,175 \$5,325 \$1,515 \$915
720,022	District	12' x 10'6" Door Size	Quantity	Install Concrete Base 4" (x 1.5 small job) Install Acuator/Opening Devices and Components Electrical Fee 10.1% Contingency 15% Item Demolition/Remove Operator 1HP (1/2/HP Labor x 2) Demolition/Remove Door and Frame (12' x 12') Install Operator 1HP (1/2HP x 2) Install Hardware (Residential x2) Install Tracks (Residential x2) Install Door (12'x12') Demolition Concrete Assume 200 SF (x 1.5 small job) Install Concrete 4" Assume 200 SF (x 1.5 small job) Install Concrete 4" Assume 200 SF (x 1.5 small job) Install Acuator/Opening Devices and Components Electrical Fee 10.1% Contingency 15% Item Demolition/Remove Operator 1HP (1/2/HP Labor x 3) Demolition/Remove Door and Frame (20 x 16') (Labor) Install Operator 1HP (1/2HP x 3) Install Hardware (Residential x2) Install Tracks (Residential x2) Install Tracks (Residential x2) Install Door (20'x16') (Divide by 1.3)	32 06 1010 0450 Estimate 01 11 3130 0300 Experience Sub-Total (EA) Total District 6 Reference 08 36 1310 2950 08 36 1310 2950 08 36 1320 1810 08 36 1310 2300 02 41 1317 5300 32 06 1010 0450 Estimate 01 11 3130 0300 Experience Sub-Total (EA) Total District 7 Reference 08 36 1310 2950 08 36 1310 2950 08 36 1310 2950 08 36 1310 1600 08 36 1320 1810 08 36 1320 1810 08 36 1310 1600	\$31, \$3,50 \$1,57, \$2,57 \$39,47 \$39,47 \$29 \$3,55 \$1,01 \$3,72, \$60 \$1,20; \$31,50 \$1,57,42,57,4 \$1,73; \$3,500 \$1,57,4 \$2,57,4 \$1,175 \$5,325 \$1,175 \$5,325 \$1,515 \$1,7045
720,022	District	12' x 10'6" Door Size	Quantity 2	Install Concrete Base 4" (x 1.5 small job) Install Acuator/Opening Devices and Components Electrical Fee 10.1% Contingency 15% Item Demolition/Remove Operator 1HP (1/2/HP Labor x 2) Demolition/Remove Door and Frame (12' x 12') Install Operator 1HP (1/2HP x 2) Install Hardware (Residential x2) Install Tracks (Residential x2) Install Door (12'x12') Demolition Concrete Assume 200 SF (x 1.5 small job) Install Concrete 4" Assume 200 SF (x 1.5 small job) Install Concrete Base 4" (x 1.5 small job) Install Acuator/Opening Devices and Components Electrical Fee 10.1% Contingency 15% Item Demolition/Remove Operator 1HP (1/2/HP Labor x 3) Demolition/Remove Door and Frame (20 x 16') (Labor) Install Acuator (12' x 12') Install Acuator (12' x 12') Install Acuator (12' x 12') Install Acuator (13' x 12') Install Acuator (14' x 12') Install Acuator (15' x 12') Install Acuator (15' x 12') Install Door (20' x 16') (Divide by 1.3) Demolition Concrete Assume 200 SF (x 1.5 small job)	32 06 1010 0450 Estimate 01 11 3130 0300 Experience Sub-Total (EA) Total District 6 Reference 08 36 1310 2950 08 36 1320 1810 08 36 1310 2300 02 41 1317 5300 32 06 1010 0450 Estimate 01 11 3130 0300 Experience Sub-Total (EA) Total District 7 Reference 08 36 1310 2950 08 36 1310 1600 08 36 1310 2950 08 36 1310 1600 08 36 1320 1810 08 36 1310 1600 08 36 1310 1600 08 36 1310 1600 08 36 1310 1600 08 36 1310 1600 08 36 1310 1600 02 41 1317 5300	\$31, \$3,50 \$1,57 \$2,57 \$19,73 \$39,47 \$51,55 \$51,51 \$51,51 \$57,045 \$600
720,021	District	12' x 10'6" Door Size	Quantity 2	Install Concrete Base 4" (x 1.5 small job) Install Acuator/Opening Devices and Components Electrical Fee 10.1% Contingency 15% Item Demolition/Remove Operator 1HP (1/2/HP Labor x 2) Demolition/Remove Door and Frame (12' x 12') Install Operator 1HP (1/2HP x 2) Install Hardware (Residential x2) Install Tracks (Residential x2) Install Door (12'x12') Demolition Concrete Assume 200 SF (x 1.5 small job) Install Concrete 4" Assume 200 SF (x 1.5 small job) Install Concrete Base 4" (x 1.5 small job) Install Acuator/Opening Devices and Components Electrical Fee 10.1% Contingency 15% Item Demolition/Remove Operator 1HP (1/2/HP Labor x 3) Demolition/Remove Door and Frame (20 x 16') (Labor) Install Operator 1HP (1/2HP x 3) Install Hardware (Residential x2) Install Tracks (Residential x2) Install Tracks (Residential x2) Install Door (20'x16') (Divide by 1.3) Demolition Concrete Assume 200 SF (x 1.5 small job) Install Concrete 4" Assume 200 SF (x 1.5 small job)	32 06 1010 0450 Estimate 01 11 3130 0300 Experience Sub-Total (EA) Total District 6 Reference 08 36 1310 2950 08 36 1320 1810 08 36 1310 2300 02 41 1317 5300 32 06 1010 0310 32 06 1010 0310 32 06 1010 0450 Estimate 01 11 3130 0300 Experience Sub-Total (EA) Total District 7 Reference 08 36 1310 2950 08 36 1310 1600 08 36 1310 1600 08 36 1320 1810 08 36 1310 1600 08 36 1310 1600 08 36 1310 1600 08 36 1310 1600 02 41 1317 5300 32 06 1010 0310	\$31 \$3,50 \$1,57 \$2,57 \$19,73 \$39,47 Cost \$77 \$29 \$3,55 \$1,01 \$61 \$3,72: \$600 \$1,205 \$3,55 \$3,507 \$2,574 \$19,737 \$39,473 \$39,473
720,021	District	12' x 10'6" Door Size	Quantity 2	Install Concrete Base 4" (x 1.5 small job) Install Acuator/Opening Devices and Components Electrical Fee 10.1% Contingency 15% Item Demolition/Remove Operator 1HP (1/2/HP Labor x 2) Demolition/Remove Door and Frame (12' x 12') Install Operator 1HP (1/2HP x 2) Install Hardware (Residential x2) Install Tracks (Residential x2) Install Door (12'x12') Demolition Concrete Assume 200 SF (x 1.5 small job) Install Concrete 4" Assume 200 SF (x 1.5 small job) Install Concrete Base 4" (x 1.5 small job) Install Acuator/Opening Devices and Components Electrical Fee 10.1% Contingency 15% Item Demolition/Remove Operator 1HP (1/2/HP Labor x 3) Demolition/Remove Door and Frame (20 x 16') (Labor) Install Operator 1HP (1/2HP x 3) Install Hardware (Residential x2) Install Tracks (Residential x2) Install Tracks (Residential x2) Install Tracks (Residential x2) Install Concrete Assume 200 SF (x 1.5 small job) Install Concrete 4" Assume 200 SF (x 1.5 small job) Install Concrete Base 4" (x 1.5 small job)	32 06 1010 0450 Estimate 01 11 3130 0300 Experience Sub-Total (EA) Total District 6 Reference 08 36 1310 2950 08 36 1320 1810 08 36 1310 2950 08 36 1320 1810 08 36 1310 2300 02 41 1317 5300 32 06 1010 0310 32 06 1010 0310 32 06 1010 0450 Estimate 01 11 3130 0300 Experience Sub-Total (EA) Total District 7 Reference 08 36 1310 2950 08 36 1310 1600 08 36 1310 1600 08 36 1310 1600 08 36 1310 1600 08 36 1310 1600 08 36 1310 1600 08 36 1310 1600 08 36 1310 1600 08 36 1310 1600 08 36 1310 1600 08 36 1310 1600 08 36 1310 1600 08 36 1310 1600 08 36 1310 1600 08 36 1310 1600	\$31,575 \$1,973 \$39,47 \$39,47 \$39,47 \$610 \$3,72; \$600 \$1,209 \$3,555 \$1,010 \$3,72; \$600 \$1,209 \$3,572; \$3,507 \$2,574 \$19,737 \$39,473 \$1,155 \$4,175 \$5,325 \$1,155 \$5,1515 \$7,045 \$600 \$1,209 \$3,151
720,021	District	12' x 10'6" Door Size	Quantity 2	Install Concrete Base 4" (x 1.5 small job) Install Acuator/Opening Devices and Components Electrical Fee 10.1% Contingency 15% Item Demolition/Remove Operator 1HP (1/2/HP Labor x 2) Demolition/Remove Door and Frame (12' x 12') Install Operator 1HP (1/2HP x 2) Install Hardware (Residential x2) Install Tracks (Residential x2) Install Door (12'x12') Demolition Concrete Assume 200 SF (x 1.5 small job) Install Concrete 4" Assume 200 SF (x 1.5 small job) Install Concrete Base 4" (x 1.5 small job) Install Acuator/Opening Devices and Components Electrical Fee 10.1% Contingency 15% Item Demolition/Remove Operator 1HP (1/2/HP Labor x 3) Demolition/Remove Door and Frame (20 x 16') (Labor) Install Operator 1HP (1/2HP x 3) Install Hardware (Residential x2) Install Tracks (Residential x2) Install Tracks (Residential x2) Install Tracks (Residential x2) Install Tracks (Residential x2) Install Concrete Assume 200 SF (x 1.5 small job) Install Concrete Base 4" (x 1.5 small job) Install Concrete Base 4" (x 1.5 small job) Install Concrete Base 4" (x 1.5 small job) Install Acuator/Opening Devices and Components	32 06 1010 0450 Estimate 01 11 3130 0300 Experience Sub-Total (EA) Total District 6 Reference 08 36 1310 2950 08 36 1310 2950 08 36 1320 1810 08 36 1310 2300 02 41 1317 5300 32 06 1010 0310 32 06 1010 0310 32 06 1010 0450 Estimate 01 11 3130 0300 Experience Sub-Total (EA) Total District 7 Reference 08 36 1310 2950 08 36 1310 1600 08 36 1310 1800	\$31,57 \$1,57 \$2,57 \$19,73 \$39,47 \$39,47 \$29 \$3,55; \$1,01; \$610; \$3,72; \$600 \$1,209 \$3,55; \$1,57; \$2,57,4 \$19,737 \$39,473 \$1,175 \$5,325 \$1,175 \$5,325 \$1,175 \$5,325 \$1,209
720,021	District	12' x 10'6" Door Size	Quantity 2	Install Concrete Base 4" (x 1.5 small job) Install Acuator/Opening Devices and Components Electrical Fee 10.1% Contingency 15% Item Demolition/Remove Operator 1HP (1/2/HP Labor x 2) Demolition/Remove Door and Frame (12' x 12') Install Operator 1HP (1/2HP x 2) Install Hardware (Residential x2) Install Tracks (Residential x2) Install Door (12'x12') Demolition Concrete Assume 200 SF (x 1.5 small job) Install Concrete 4" Assume 200 SF (x 1.5 small job) Install Concrete Base 4" (x 1.5 small job) Install Acuator/Opening Devices and Components Electrical Fee 10.1% Contingency 15% Item Demolition/Remove Operator 1HP (1/2/HP Labor x 3) Demolition/Remove Door and Frame (20 x 16') (Labor) Install Operator 1HP (1/2HP x 3) Install Hardware (Residential x2) Install Tracks (Residential x2) Install Tracks (Residential x2) Install Door (20'x16') (Divide by 1.3) Demolition Concrete Assume 200 SF (x 1.5 small job) Install Concrete Base 4" (x 1.5 small job) Install Acuator/Opening Devices and Components Electrical Fee 10.1%	32 06 1010 0450 Estimate 01 11 3130 0300 Experience Sub-Total (EA) Total District 6 Reference 08 36 1310 2950 08 36 1310 2950 08 36 1320 1810 08 36 1310 2300 02 41 1317 5300 32 06 1010 0450 Estimate 01 11 3130 0300 Experience Sub-Total (EA) Total District 7 Reference 08 36 1310 2950 08 36 1310 1600	\$31,57 \$1,57 \$2,57 \$19,73 \$39,47 Cost \$777 \$33,550 \$1,205 \$3,725 \$3,500 \$1,205 \$3,500 \$1,205 \$3,500 \$1,175 \$2,574 \$1,175 \$5,225 \$1,515 \$7,045 \$7,045 \$7,045 \$3,500 \$1,209 \$1,209
Total PAB \$57,621	District	12' x 10'6" Door Size	Quantity 2	Install Concrete Base 4" (x 1.5 small job) Install Acuator/Opening Devices and Components Electrical Fee 10.1% Contingency 15% Item Demolition/Remove Operator 1HP (1/2/HP Labor x 2) Demolition/Remove Door and Frame (12' x 12') Install Operator 1HP (1/2HP x 2) Install Hardware (Residential x2) Install Tracks (Residential x2) Install Door (12'x12') Demolition Concrete Assume 200 SF (x 1.5 small job) Install Concrete 4" Assume 200 SF (x 1.5 small job) Install Concrete Base 4" (x 1.5 small job) Install Acuator/Opening Devices and Components Electrical Fee 10.1% Contingency 15% Item Demolition/Remove Operator 1HP (1/2/HP Labor x 3) Demolition/Remove Door and Frame (20 x 16') (Labor) Install Operator 1HP (1/2HP x 3) Install Hardware (Residential x2) Install Tracks (Residential x2) Install Tracks (Residential x2) Install Door (20'x16') (Divide by 1.3) Demolition Concrete Assume 200 SF (x 1.5 small job) Install Concrete Base 4" (x 1.5 small job) Install Acuator/Opening Devices and Components Electrical Fee 10.1%	32 06 1010 0450 Estimate 01 11 3130 0300 Experience Sub-Total (EA) Total District 6 Reference 08 36 1310 2950 08 36 1310 2950 08 36 1310 2950 08 36 1310 2950 02 41 1317 5300 32 06 1010 0450 Estimate 01 11 3130 0300 Experience Sub-Total (EA) Total District 7 Reference 08 36 1310 2950 08 36 1310 1600 08 36 1310 1600 08 36 1310 1600 02 41 1317 5300 32 06 1010 0450 Estimate 01 13 3130 0300 Experience 08 36 1310 1600 08 36 1310 1600 09 31 1310 1600 09 31 1310 1600 09 31 1310 1600 09 31 1310 1600 09 31 1310 1600 09 31 1310 1600 09 31 1310 1600 09 31 1310 1600 09 31 1310 1600 09 31 1310 1600 09 31 1310 1600 09 31 1310 1600 09 31 1310 1600 09 31 1310 1600 09 31 1310 1600 09 31 1310 0310 08 36 1310 1500 09 31 1310 0310 08 36 1310 1500 09 31 1310 0310 08 31 1310 0310 08 31 1310 0310 08 31 1310 0310 08 31 1310 0310 08 31 1310 0310 08 31 1310 0310 08 31 1310 0310 08 31 1310 0310 08 31 1310 0310	\$31 \$3,50 \$1,57 \$2,57 \$19,73 \$39,47 \$2,57 \$3,550 \$1,010 \$3,725 \$610 \$1,200 \$1,574 \$1,737 \$39,473 \$1,175 \$5,325 \$1,175 \$5,325 \$1,275 \$5,325 \$1,275 \$1,



Jeffery J. Mantes Commissioner of Public Works Preston D. Cole Director of Operations Jeffrey S. Polenske

Department of Public Works Infrastructure Services Division

March 24, 2011

Edward A. Flynn Chief of Police 941 N. James Lovell Street Milwaukee, Wisconsin 53203

Subject: 2012 Capital improvements Budget Estimates

Attention: Richard Moore:

In regards to your letter dated March 4, 2011 the following estimates for Capital projects were completed by my staff:

Police Administration Building: The \$5,450,000 projected for 2012 still remains appropriate for the second phase of this project.

Police Administration Building: We have not been able to get the consultant working on looking into this problem with the sub-basement garage floor. At this time a ballpark estimate for the work that will need to be completed there is \$200,000.

Police Administration Building: The previously provided price for the new trench drain and sewer was reviewed and an updated estimate is attached.

DataComm Center: MPD staff received proposals based on the March 1, 2011 DPW report. These proposals ranged from \$7,500 to \$25,000.

DataComm Center: Repairs and caulk of the roof are \$37,500 based on 2000 linear feet of caulking.

Property Evidence Warehouse: The estimate was reviewed by our trusted elevator consultant and he feels that doing the repairs noted in the proposal would be throwing good money after bad. See attached estimate of costs to replace the elevator.

Sixth District Station: The trench drains and concrete are in poor condition and require some immediate attention. The plumbing repairs are estimated at \$30,000 and concrete repair work will also be required a good estimate of this has not yet been determined, but another \$50,000 - \$100,000 can be expected for that work.

District Station Upgrades:

Sixth District Air handling equipment was determined to be in good working order at this time.

The District Lobby Safety Assessments was reviewed and no changes were made. It is attached for your reference.

The most recent inventory that I have of Police facility overhead doors is attached with updated estimates to replace with high speed roll up doors.

Additionally, Mr. Rick Moore discussed with Mr. Dan Pitts of my staff during a site visit to the Sixth District Police Station DPW's use of regular facility condition assessments and requested an estimate to begin condition assessments of MPD properties. We would like to put MPD facilities on a rotating schedule of inspections and begin in 2012 with the inspection of 3 facilities for \$50,000.

\$incerely,

Facilities Director

Facilities Development and Management

TET: kat

cc:

Edward Flynn John J. Levina Thomas E. Tarkowski Central File