

TIME TO EXPLORE

Cleveland Metroparks

GIS Facility Database Upgrades



Existing Database Structure

Building Cc	Amenities	Res	Reservation Name	Site Location	Building	Street Address	City	Zip Code	Phone	ADA Compliz	Fire / Securit	Field1
CZBLD132	BLD	CZ	Cleveland Metroparks Zoo	Cleveland Metroparks Administration	Administration Parking Lot Guard Shed	Fulton Parkway	Cleveland			<input type="checkbox"/>	<input type="checkbox"/>	
CZBLD133	BLD	CZ	Cleveland Metroparks Zoo	Cleveland Metroparks Administration	Cleveland Metroparks Administration Building	4101 Fulton Parkway	Cleveland	44144-1923	(216) 351-6300	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
CZBLD134	R14	CZ	Cleveland Metroparks Zoo	Cleveland Metroparks Administration	Cleveland Metroparks Administration Building Trailer A	4101 Fulton Parkway	Cleveland	44144-1923	(216) 351-6300	<input type="checkbox"/>	<input type="checkbox"/>	
CZBLD135	R14	CZ	Cleveland Metroparks Zoo	Cleveland Metroparks Administration	Cleveland Metroparks Administration Building Trailer B	4101 Fulton Parkway	Cleveland	44144-1923	(216) 351-6300	<input type="checkbox"/>	<input type="checkbox"/>	
CZBLD136	BLD	CZ	Cleveland Metroparks Zoo	Cleveland Metroparks Administration	Upper Zoo Entrance Restrooms	Fulton Parkway	Cleveland			<input type="checkbox"/>	<input type="checkbox"/>	
CZBLD137	BLD	CZ	Cleveland Metroparks Zoo	Circle of Wildlife	Carousel Pavilion	Fulton Parkway	Cleveland			<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Current Database

- Currently all databases are built via Microsoft Access
- Buildings, site structures, exhibits, dams, fords, bridges, boardwalks, land improvements all tracked in separate databases
- Each database contains multiple tables containing valuable information and data
- Identifying codes and names are cross referenced between databases and tables

Example of Current Databases

Existing Facility Statistics Databases

Building	Square Foot	Mechanical Engineer	Electrical Engineer	Fire Suppression De	Fire Suppression Cor	Refrigeration Consult	Mechanical Contract	Plumbing Contract	
Cleveland Metroparks Administration Building	24830	Byers, Urbam, Klug & Pitteng	Byers, Urbam, Klug & Pitteng						
Year Constructed	Building Cost - Original	Building Size	Site Contractor	Construction Type	Construction Materials			Construction Type	Use C
1963/1970add/1995add2	\$204,931.99			VB	Concrete footers, brick and block foundation and walls, concrete slab on grade, additio			1	B
Permit Num	Architect	Structural Engineer	General Contractor	Historic Cost per SF	Checks	Basement/L	First Floor Square Foot	Second Floor	Content Replacement Value
947137	Schafer, Flynn & Associates /Stephen	Barber, Hoffman, Stenze	/CMP Staff/Regency	\$14.94	-1				146733

Existing Facility Drawing, Specification, Permit, and Certificate Databases

Amenities	RESERVATIC	BID NUMBER	PROJECTS	YEAR	Drawings	Specifications
BLD	CZ		CMP Administration Addition Phase 1	2016		Reservation Statisti
BLD	CZ	P & D Project	CMP Administration BLDG Interior Reno	2018		
BLD	CZ	PDNR Project	CMP Administration Building - Executive Offices Addition	1981	Reservation Statistics\Cleveland Zoo\Building pdf Files\CZ CMP-Administratic	
BLD	CZ		CMP Administration Building - Original Construction	1963	Reservation Statistics\Cleveland Zoo\Building pdf Files\CZ CMP-Administratic	
BLD	CZ	PDNR Project	CMP Administration Building - PDNR Addition	1994	Reservation Statistics\Cleveland Zoo\Building pdf Files\CZ CMP-Administrativ	
BLD	CZ		CMP Administration Building - Treasurer Addition	1982	Reservation Statistics\Cleveland Zoo\Building pdf Files\CZ CMP-Administratic	
BLD	CZ		CMP Existing Administration Bldg Renovations	2017		
Building Permit Drawings	Plumbing Permit Drawing	As Built Drawings	Building Permit	Plumbing Permit	Plumbing Certificate of Use	Occupancy Permit
Reservation Statistics\Cleveland Zoo\Building pdf Files\	Reservation Statistics\Cleve	Reservation Statistics\Cleveland	Reservation Statistics\C	Reservation Statistic	Reservation Statistics\Permits and Certificates\CZCU	Reservation Statistics\Permits and Certificates\CZCO CMP Administration Add
	Reservation Statistics\Cleve	Reservation Statistics\Cleveland		Reservation Statistic		Reservation Statistics\Permits and Certificates\CZCO CMP Admin Bldg Reno.p
			Reservation Statistics\P			Reservation Statistics\Permits and Certificates\CZCO CMAAdminBoardRoomAd
			Reservation Statistics\P			Reservation Statistics\Permits and Certificates\CZCO CMPAdministrationOffic
Reservation Statistics\Cleveland Zoo\Building pdf Files\	Reservation Statistics\Cleve	Reservation Statistics\Cleveland	Reservation Statistics\C	Reservation Statistic		Reservation Statistics\Permits and Certificates\CZCO CMP Administration Bul

Uses of Current Databases

Annual Inventory Replacement Value Reports

Cleveland Metroparks Zoo						
SITE LOCATION / BUILDING NAME	YEAR CONSTRUCTED	CONSTRUCTION TYPE (ISO)	AREA (square feet)	LIFE SAFETY SYSTEMS (see last page for key)	REPLACEMENT VALUE	Notes
Circle of Wildlife						
Carousel Cafe Fulton Parkway Cleveland	2014		1175		\$436,650.21	
Carousel Pavilion Fulton Parkway Cleveland	2014		4700		\$545,812.88	
Nature Nook Pavilion Fulton Parkway Cleveland	2014		1807		\$290,324.00	
Wild Wonder Pavilion Fulton Parkway Cleveland	2014		1807		\$290,324.00	
Cleveland Metroparks Administration						
Administration Parking Lot Guard Shed Fulton Parkway Cleveland	1997	1	24	None	\$2,326.49	
Cleveland Metroparks Administration Building 4101 Fulton Parkway Cleveland	idd/1995add2013a	1	24830	FD	\$6,124,818.58	
Upper Zoo Entrance Restrooms Fulton Parkway Cleveland	1982	1	448		\$143,854.37	
Zoo Ranger Office Fulton Parkway Cleveland	1982	1	413		\$60,052.39	

Annual GASB 34 Reports

Cleveland Metroparks	2016 Basis	2017 Capital Additions	2017 Capital Deductions	2017 Adjusted Basis	Notations
Administration					
CZBLD133 Cleveland Metroparks Administration Building	\$1,544,660.14	\$4,210,485.27	\$0.00	\$5,755,145.41	
Northern Trek					
CZBLD024 Northern Trek Ticket Cabin	\$151,894.98	\$0.00	\$0.00	\$151,894.98	
CZBLD025 Northern Trek Tram Stop	\$83,850.09	\$0.00	\$0.00	\$83,850.09	
CZBLD032 Polar Bear and Kodiak Bear Building	\$605,258.12	\$0.00	\$0.00	\$605,258.12	
CZBLD039 Sea Lion Exhibit Building	\$76,352.64	\$0.00	\$0.00	\$76,352.64	
CZBLD145 Tiger Passage Life Safety Systems Building	\$51,000.00	\$0.00	\$0.00	\$51,000.00	With in Rosebough Tiger Passage Exhibit
CZBLD050 Tigers and Bears Building	\$1,119,395.49	\$0.00	\$0.00	\$1,119,395.49	
CZBLD078 Wilderness Grill Concession Building	\$245,400.00	\$0.00	\$0.00	\$245,400.00	
CZBLD060 Wolf Woods Wilderness Holding Quarters	\$155,984.40	\$0.00	\$0.00	\$155,984.40	
CZBLD061 Wolf Woods Wilderness Lodge	\$2,077,874.96	\$0.00	\$0.00	\$2,077,874.96	
CZBLD062 Wolf Woods Wilderness Trading Post	\$205,464.60	\$0.00	\$0.00	\$205,464.60	

The RainForest	2016 Basis	2017 Capital Additions	2017 Capital Deductions	2017 Adjusted Basis	Notations
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Uses of Current Databases

Access to Facility Statistics

**BUILDING STATISTICS
CLEVELAND METROPARKS ZOO**

Site Location: Building:

[RETURN TO CLEVELAND METROPARKS](#)
[BUILDING FINISHES](#)

Year Constructed:

Total Square Footage:

Historic Cost per SF:

Replacement Cost per SF:

Replacement Cost:

Use Group:

Construction Type:

Permit Number:



Construction Materials:

Concrete footers, brick and block foundation and walls, concrete slab on grade, additions - horizontal siding on wood frame, fiberglass shingles on 2x wood deck over heavy timber trusses

Architect:

Structural Engineer:

Mechanical Engineer:

Electrical Engineer:

Refrigeration Consultant:

Refrigeration Consultant:

General Contractor:

Site Contractor:

Mechanical Contractor:

Plumbing Contractor:

Electrical Contractor:

Exhibit Contractor:

Refrigeration Contractor:

Child103:

Water Source	Sanitary Service Company	Electric Service Company	Gas Service Company	Telecommunications Company
Cleveland Water	NEORS		Dominion	
Domestic Water Line Size	Sanitary Line Size	Electric Service Size	Gas Service Type	Telecommunications Line Pairs
Fire Line Size	Storm Line Size	Gas Line Size	Cable Company	

Access to Historic Information

PROJECTS	Year	Drawings	Specifications
CMP Administration BLDG Interior Reno	2018		
CMP Administration Building - Executive Offices Addition	1981	Reservation Statis	
CMP Administration Building - Original Construction	1963	Reservation Statis	
CMP Administration Building - PDNR Addition	1994	Reservation Statis	
CMP Administration Building - Treasurer Addition	1982	Reservation Statis	
CMP Existing Administration Bldg Renovations	2017		
CMZ Lorikeet Guest Services Conversion	2017		
Commissary Cooler Pad	1992		Reservation Statistics
Compost Area	1997	Reservation Statis	
Coyote and Raccoon House Walkway Plan	1939	Reservation Statis	
CZBRG001 - Zoo Historic Bridge	1909	Reservation Statis	
CZBRG002 - Triple Barrel Vault	1948	Reservation Statis	
Diesel Tank Installation	2009	Reservation Statis	
Entry Plaza Architectural Features	1992		Reservation Statistics
Entry/Exit Gift Shops	1993	Reservation Statis	
Fire Alarm Systems	2001	Reservation Statis	
Food Court Concrete Replacement	2009	Reservation Statis	
Giraffe Barn & Interim Hippopotamus Holding Facility	2008	Reservation Statis	Reservation Statistics
Giraffe Feeding Deck	2015		
Gorilla Yard	2017		
Grin N Bear Eats Restrooms Reno	2018		
Installation of Electrical System	1982	Reservation Statis	
Installation of Generators Phase 2	2004	Reservation Statis	
Installation of Water Gas and Sewer Systems	1981	Reservation Statis	
Landscape Features for New Zoo Entry Signage	1992	Reservation Statis	
Lower Administration Building: Mechanical EquipmentBuilding	2002	Reservation Statis	
Main Concession Building - Roaring Lion Café	1993		
Miscellaneous Outbuilding	2008		
Monkey Island Renovation	1985	Reservation Statis	
Nature Nook Pavilion	2014		
Northern Trek Entrance	2007	Reservation Statis	Reservation Statistics
Northern Trek Entrance Rebid - Ticket Cabin and Ticket Booth	2007	Reservation Statis	Reservation Statistics
Northern Trek Entrance Rebid - Tram Stop	2007	Reservation Statis	Reservation Statistics
Northern Trek Fiber Optic Installation	2009	Reservation Statis	
Pachyderm Building - Elephant Restraint Device	1996	Reservation Statis	
Pachyderm Sandblasting	1990		Reservation Statistics
Paint Removal and Sealing of Outdoor Holding Cells, Staffer Center	2011	Reservation Statis	Reservation Statistics

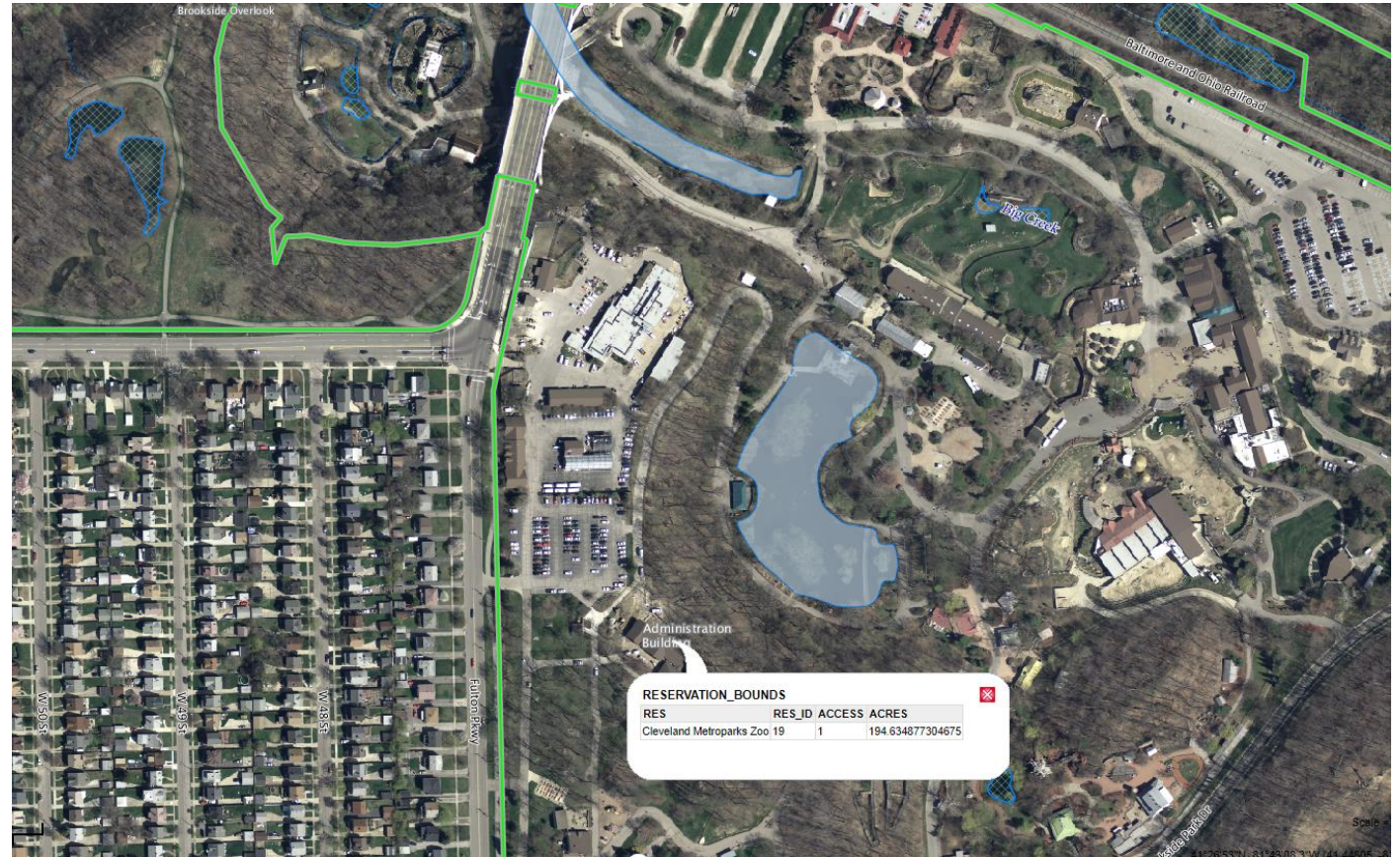
New Database Format

Issues with the current databases

- Quantity of databases
- Missing information and data
- No link to GIS current map
- Limited access by others

Proposed database Upgrades

- Condense existing information to singular database
- Collect and complete missing data on existing facilities (RFQu #6387)
- Provide informational links on GIS maps
- Provide data to more people while controlling viewable content



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