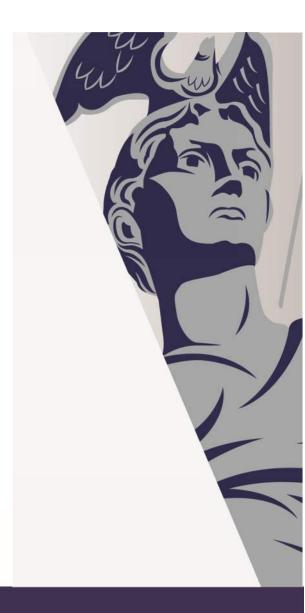
White River Innovation District (Henry Street Bridge) ST-31-059

Public Information Meeting
July 8, 2025

Program starts at 5:30 p.m.



Agenda

- Presentation begins 5:30 p.m.
- Welcome from Director Wilson
- Remarks from Councilor Jones
- Construction and infrastructure updates
- Archaeology status
- BREAK _____

Presentation after the break contains digitized models of human remains

- Research updates
- Artifacts and osteological analysis
- Q&A

Welcome

DPW Director Todd Wilson

Welcome

- Thank you to the Edison School of the Arts for hosting our meeting tonight
- Thank you for attending tonight's meeting
- Thank you to our Community Advisory Group members for their continued collaboration with the City
- Thank you to the archaeology team at Stantec for their dedication

Agenda

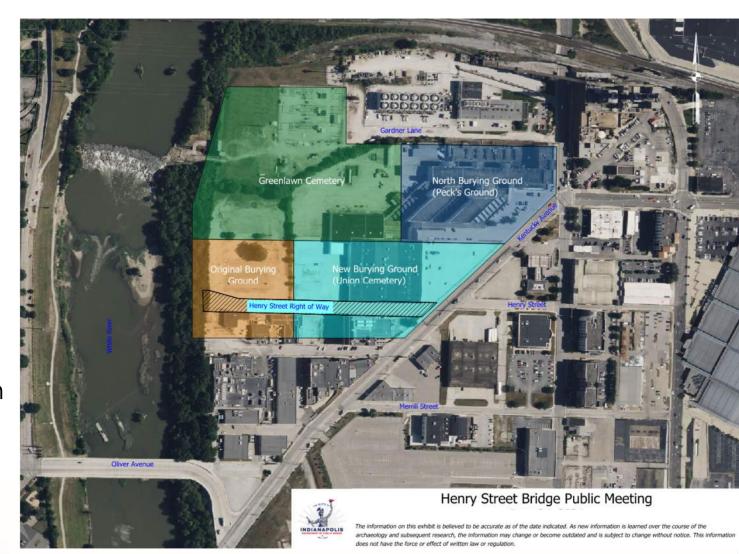
- Presentation begins 5:30 p.m.
- Welcome from Director Wilson
- Remarks from Councilor Jones
- Construction and infrastructure updates
- Archaeology status
- BREAK _____

Presentation after the break contains digitized models of human remains

- Research updates
- Artifacts and osteological analysis
- Q&A

Henry Street Project Limits

- Construction is within Henry St. right of way
- Only 2 of the 4
 cemeteries,
 collectively known
 as "Greenlawn,"
 are impacted
 by Henry Street
 construction



Remarks

City-County Councilor Kristin Jones

Infrastructure Update

DPW Project Manager Shannon Killion

Comment and Question Cards

- Comment and question cards are available on the tables
- Turn in before the Q&A portion of this meeting
- Leave at the table when you leave the meeting
- Submit via e-mail to contact@wridinfrastructure.com

Construction Phasing

Phase 1 – Utilities for White River Innovation District and road construction on west side of White River, including:

- D Loop
- South White River Parkway
- Henry St.
- Holly Ave.

Phase 2 – Henry Street bridge construction

Phase 3 – Henry Street construction from White River to Kentucky Ave.

West Side Improvements – Phase 1

Construction nearing completion on:

- The D Loop from Washington St. to S. White River Pkwy.
- Relocation of S. White River Pkwy. to the west, connecting to the D Loop and Oliver St.
- Extending Henry St. from Harding St. to the White River
- Constructing Holly Ave. to connect Oliver St. to the new Henry St.



West Side Improvements – Phase 1

- By the end of 2025:
 - Utilities will be servicing the White River Innovation District
 - Roadwayconstruction willbe 100% complete

www.wridinfrastructure.com



Henry Street Bridge – Phase 2

- Construction of the bridge over the White River between Washington and Oliver
 - Provide added vehicular and pedestrian connectivity between the west side and downtown
 - Reduce existing congestion on adjacent roadways



- Features 4 rings centered on the bridge, over the water
- Construction substantially complete by the end of 2026

Henry Street Bridge – Aerial



Henry Street Connection to Kentucky Ave. – Phase 3

- Design is approximately 90% complete
- Construction of this segment will begin once the archaeologists complete their work, and the State Historic Preservation Office (SHPO) acknowledges completion of field work
- Construction could begin in early 2026

Excavation Status & Summary

Principal Investigator Ryan Peterson

Henry Street Bridge Project – Greenlawn Cemetery







Mechanically stripping overburden fill to uncover shafts

Field supervisor monitoring stripping



Top, data team mapping shafts with GPS technology; right, using a drone to map and document the site

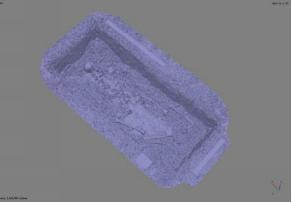




Shafts mapped and ready for excavation

Crew beginning hand excavation of shaft







Structure from Motion (SfM) photogrammetry 3D modeling (***Plastic skeleton for demonstration***)



Photo capture process for SfM modeling of excavated shaft

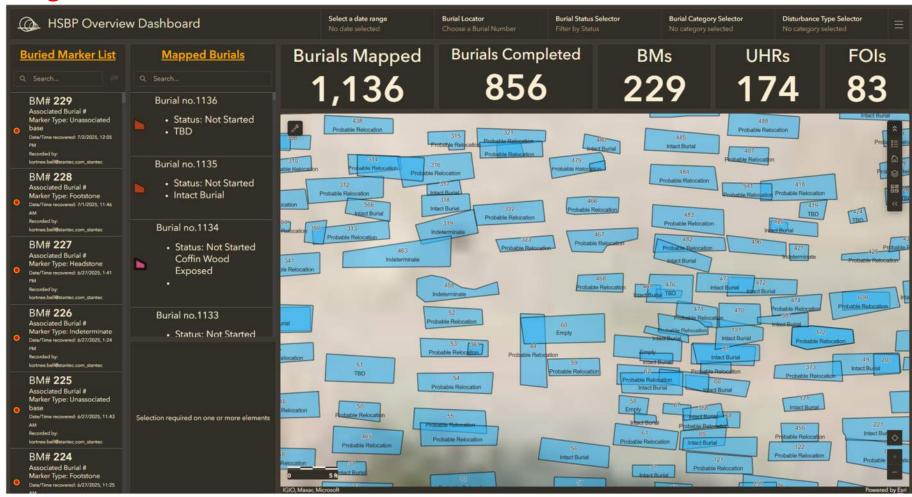




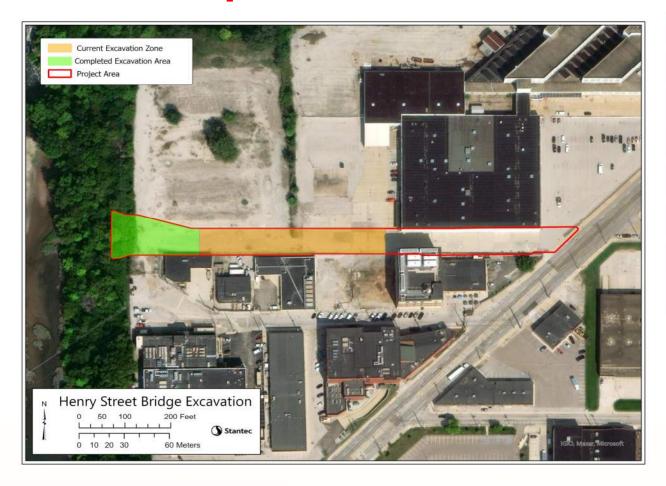
Boxes from excavated shafts ready for transport to IU-Indianapolis bioarchaeology lab

Chain of custody transfer of boxes to bioarchaeology lab

Project Dashboard



Website Updates



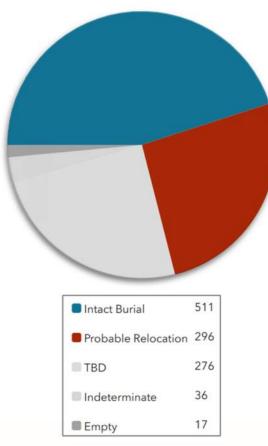
Grave Shafts Identified*

Week Of	Week	Cumulative	Week Of	٧
Jul 4, 2025	109	1,136	Feb. 28, 2025	Г
Jun. 27, 2025	90	1,027	Feb. 21, 2025	
Jun. 20, 2025	32	937	Feb. 14, 2025	
Jun. 13, 2025	54	905	Feb. 7, 2025	
Jun. 6, 2025	75	851	Jan. 31, 2025	
May 30, 2025	25	776	Jan. 24, 2025	ı
May 23, 2025	6	751	Jan. 17, 2025	Г
May 16, 2025	13	745	Jan. 10, 2025	
May 9, 2025	58	732	Jan. 3, 2025	
May 2, 2025	101	674	Dec. 27, 2024	۱
Apr. 25, 2025	20	573	Dec. 20, 2024	Г
Apr. 18, 2025	50	553	Dec. 13, 2024	ı
Apr. 11, 2025	6	503	Dec. 6, 2024	
Apr. 4, 2025	4	497	Nov. 29, 2024	
Mar. 28, 2025	22	493	Nov. 22, 2024	
Mar. 21, 2025	25	472	Nov. 15, 2024	
Mar. 14, 2025	85	447	Nov. 8, 2024	
Mar. 7, 2025	0	362	Nov. 1, 2024	

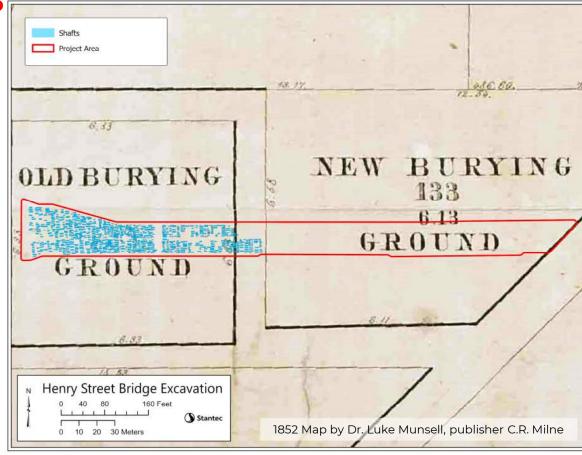
Week Of	Week	Cumulative
Feb. 28, 2025	42	362
Feb. 21, 2025	38	320
Feb. 14, 2025	24	282
Feb. 7, 2025	51	258
Jan. 31, 2025	34	207
Jan. 24, 2025	4	173
Jan. 17, 2025	14	169
Jan. 10, 2025	25	155
Jan. 3, 2025	0	130
Dec. 27, 2024	0	130
Dec. 20, 2024	35	130
Dec. 13, 2024	55	95
Dec. 6, 2024	13	40
Nov. 29, 2024	6	27
Nov. 22, 2024	0	21
Nov. 15, 2024	1	21
Nov. 8, 2024	5	20
Nov. 1, 2024	15	15

*The City does not anticipate being able to share the number of individuals uncovered until after the excavation is complete and osteological research has occurred.

Please note that "grave shaft" does not mean the Minimum Number of Individuals, or MNI. Determining the MNI requires additional research and analysis.



Excavated burial categories
* As of end of day 03 July



Project area with mapped shafts in relation to original cemetery boundaries

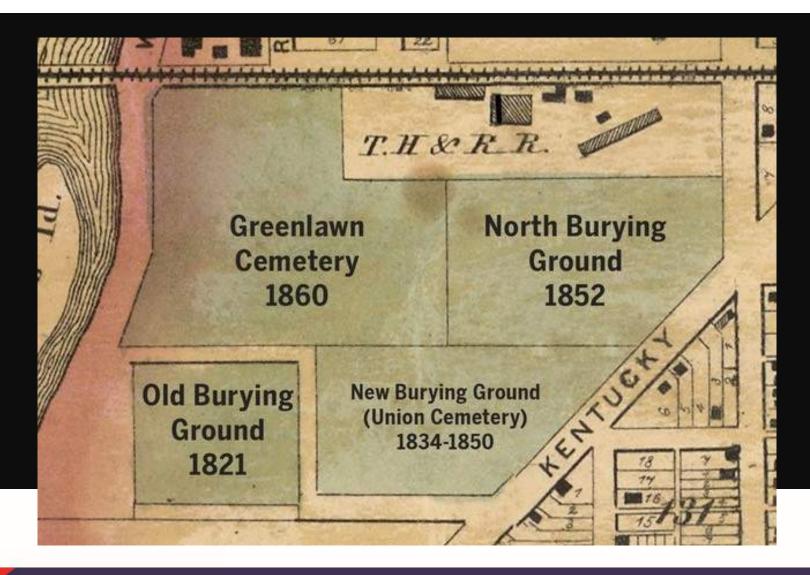
BREAK

Presentations after the break contain digitized models of human remains

Research Updates

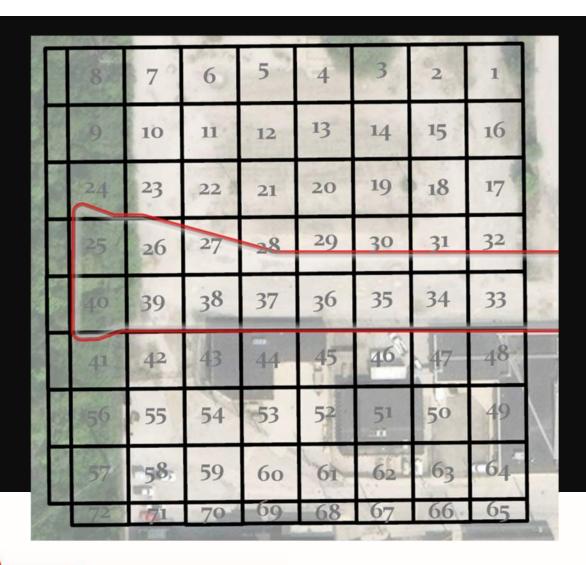
Historian Deedee Davis







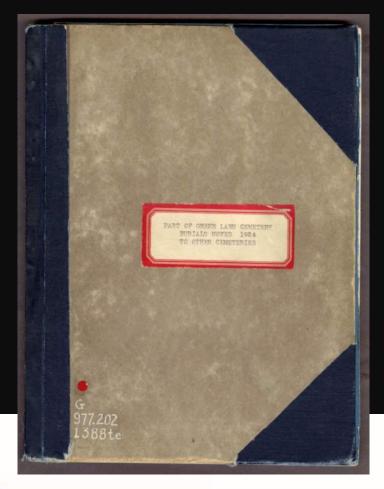


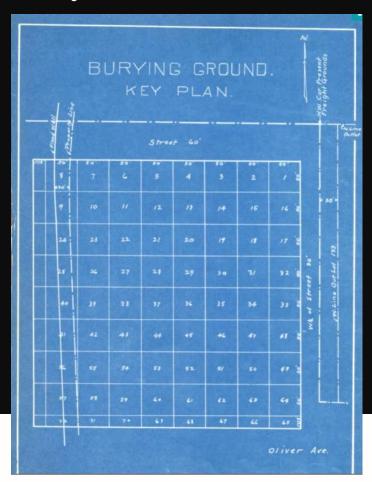


Original Burying Ground

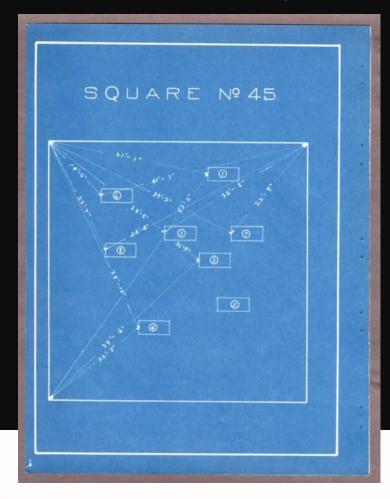
- First burials in 1821
- No platting... early families buried where they wished
- Section was excavated in 1924 and some remains moved to Floral Park Cemetery

"Part of Green Lawn Cemetery Burials Moved To Other Cemeteries 1924" Indiana State Library



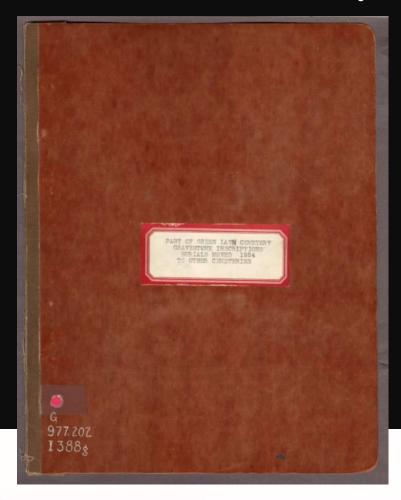


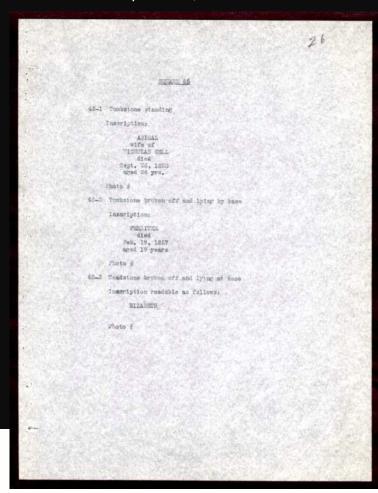
Part of Green Lawn Cemetery Burials Moved To Other Cemeteries 1924, Indiana State Library



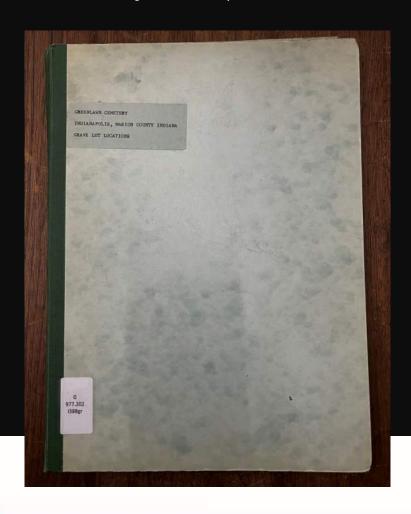


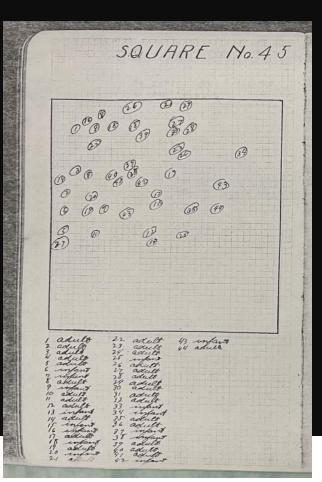
"Part of Green Lawn Cemetery Gravestone Inscriptions," Indiana State Library



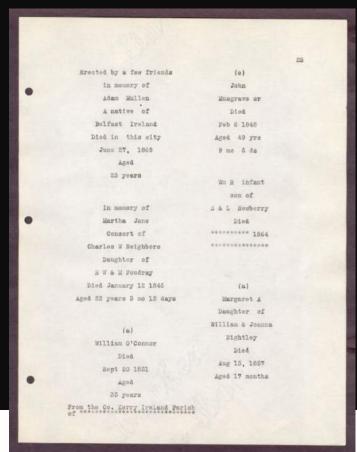


Greenlawn Cemetery Indianapolis Marion County Indiana Grave Lot Locations, Indiana State Library





A Transcript of the Gravestones Remaining in Greenlawn Cemetery 1920, J. R. H. Moore, Indiana State Library







2025 Henry Street Excavation Headstone Discovery

Dorcas A. Frazee

Greek origin = gazelle





Floral Park Cemetery 2018

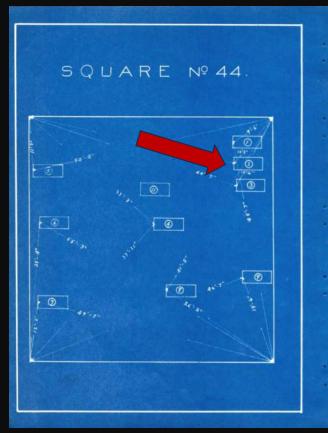
Old Burying Ground 1920

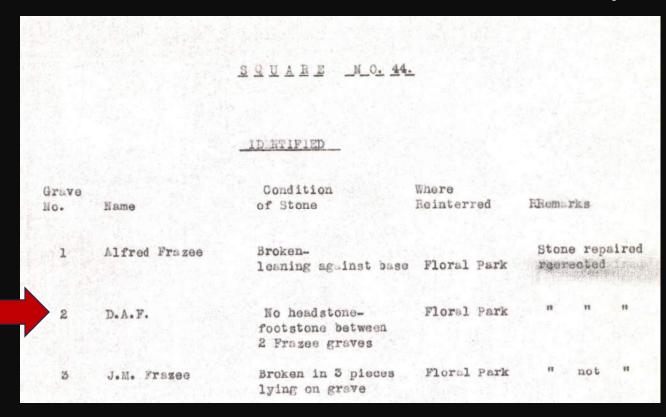
Transcript of the Gravestones Remaining in Greenlawn Cemetery 1920, Indiana State Library

Dorcas A Daughter of Moses & Elizabeth Frazee Died Dec 1 1835 Aged ******



Part of Green Lawn Cemetery Burials Moved To Other Cemeteries 1924, Indiana State Library



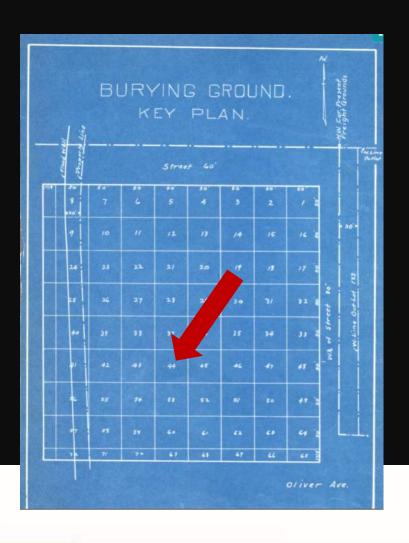


Example of Headstones with Footstones





Wikipedia



	1	24	23	22	21	20	19	18	17	A10000
X X	06 V 80	25	26	27	28	29	30	31	32	
STATE OF THE PARTY		40	39	38	37	36	35	34	33	28
3	200	41	42	43	44	45	46	47	48	
		56	55	54	53	52	51	50	49	1



2025 Henry Street Excavation Footstone Discovery

Zenas Lake

Greek Origin = shortened form of "Zenodoros", meaning "gift of Zeus"

Zenas Lake headstone: Relocated in 1924 excavations to Floral Park Cemetery

Floral Park Cemetery c. 2018



Transcript of the Gravestones, 1920

Sacred

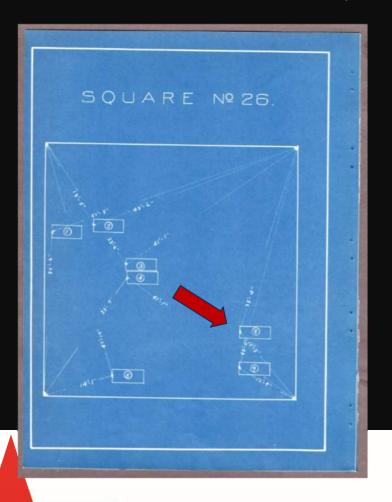
to the memory of

Zenas Lake

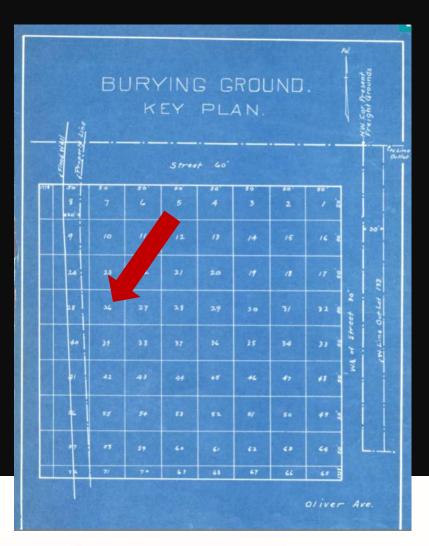
Born February 1 1770

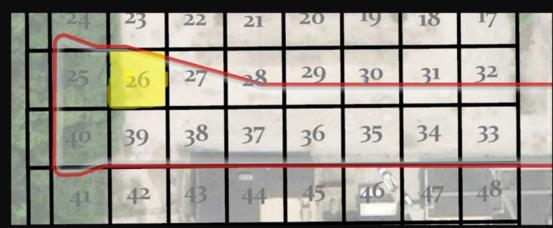
Died May 17 1842

Part of Green Lawn Cemetery Burials Moved To Other Cemeteries 1924, Indiana State Library



	<u>s</u>	QUARE NO.	26	
		IDENTIFIED		
rave	Name	Condition of Stone	Where Reinterred	Remarks
1	Richard) Hanna) Williams	Broken- lying on grave	Floral Park	Identified by their son. Stone repaired resrected.
2	Catherine Dobson	Broken- lying on grave	Floral Park	Stone repaired recreated
3	Laura E. Church	Broken- lying on grave	Floral Park	и и и
4	William D. Church	Broken- lying on grave	Floral park	11 11 21
5	R. Hood) Ad Naney) Walter Hood	Homemade stone Standing	Floral Park	Stone recrected
8	Zenas Lake	Standing	Floral Park	п





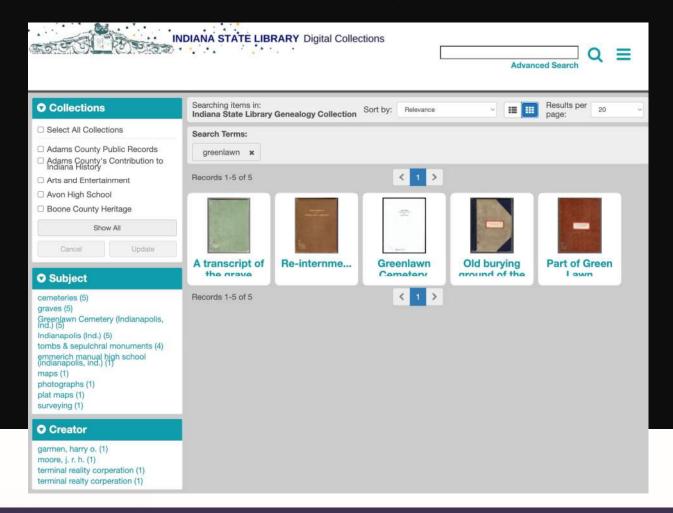
Floral Park Cemetery, 2018



2025 Henry Street Excavation

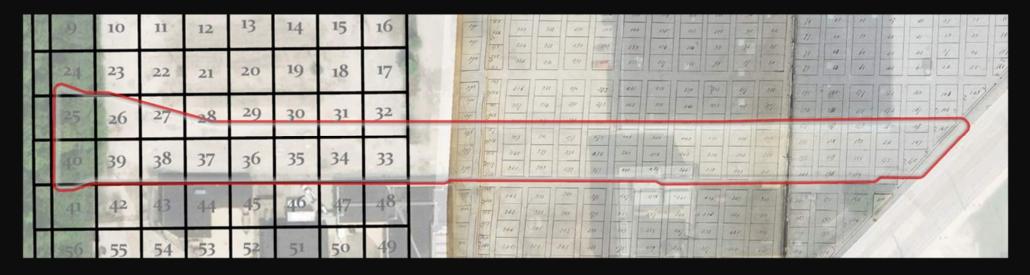


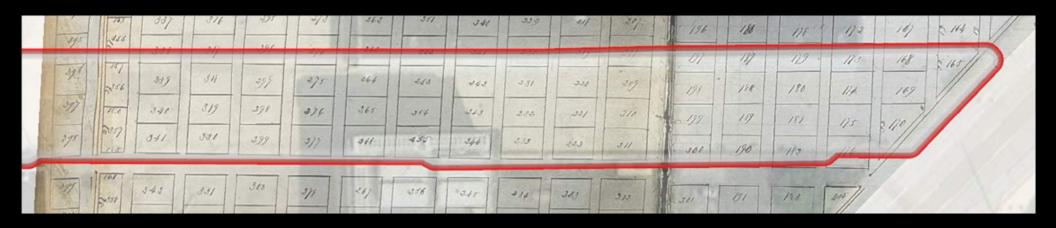
Indiana State Library Digital Collections: https://digitalcollections.library.in.gov/



Old Burying Ground

New Burying Ground (Union Cemetery)





Union Cemetery Deed Holders listed in Marion County Recorder Deed Books

Lot 169: Richard Gilbert • Jan 14, 1850

Lot 180: Dorothy Rauschaupt · Oct 19, 1850

Lot 181: Phillip Socke · Oct 19, 1850

Lot 182: Conrad Bea · Oct 13, 1850

Lot 188: George Lowe (North Half) · Nov 18, 1850

Lot 189: Matthew Alford/George Northway · Jul 27, 1850

Lot 199: Ernst Henry Koller · Jul 1, 1851

Lot 231-233: Institute for the Blind · Jan 13, 1853

Lot 255: Phillip Pressel (North Half) · Oct 13, 1853

Lot 275: Austin H. Brown · Mar 19, 1857

Lot 319: Sarah Hamilton (South Half) · Mar 15, 1859

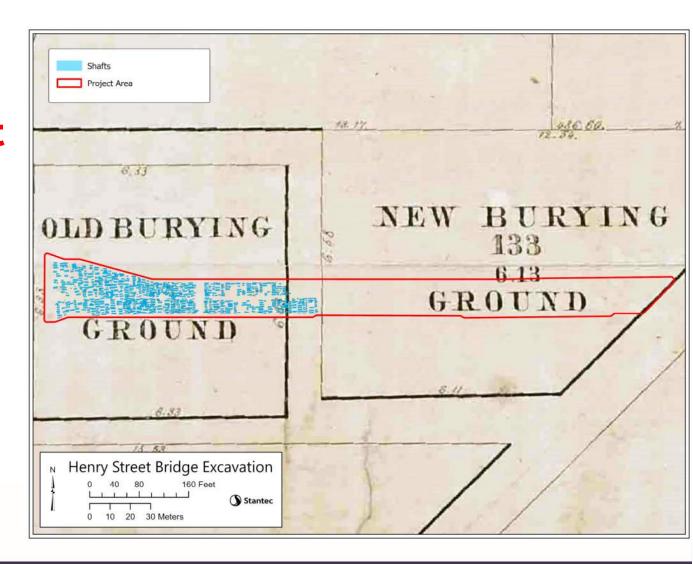
Lot 340: Frederick Hillman Et al. · Sept 10, 1856

Artifact Status & Summary

Principal Investigator Dr. Brooke L. Drew

Presentation contains digitized models of human remains

Henry Street
Bridge Project
Preliminary
Artifact
Summary



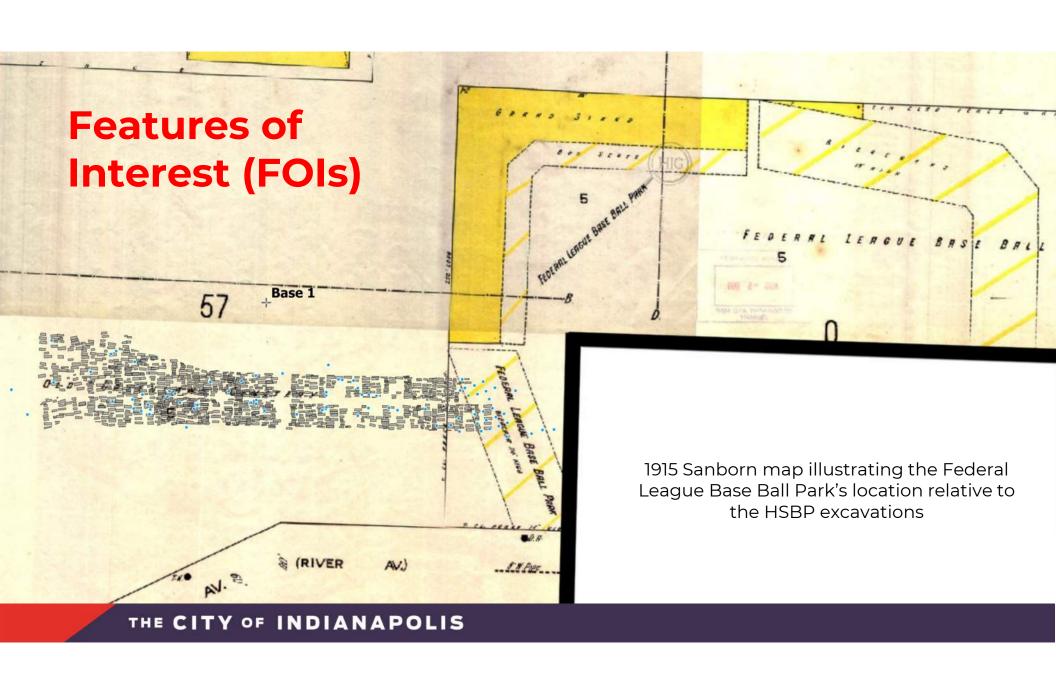
Henry Street Bridge Project Preliminary Artifact Summary

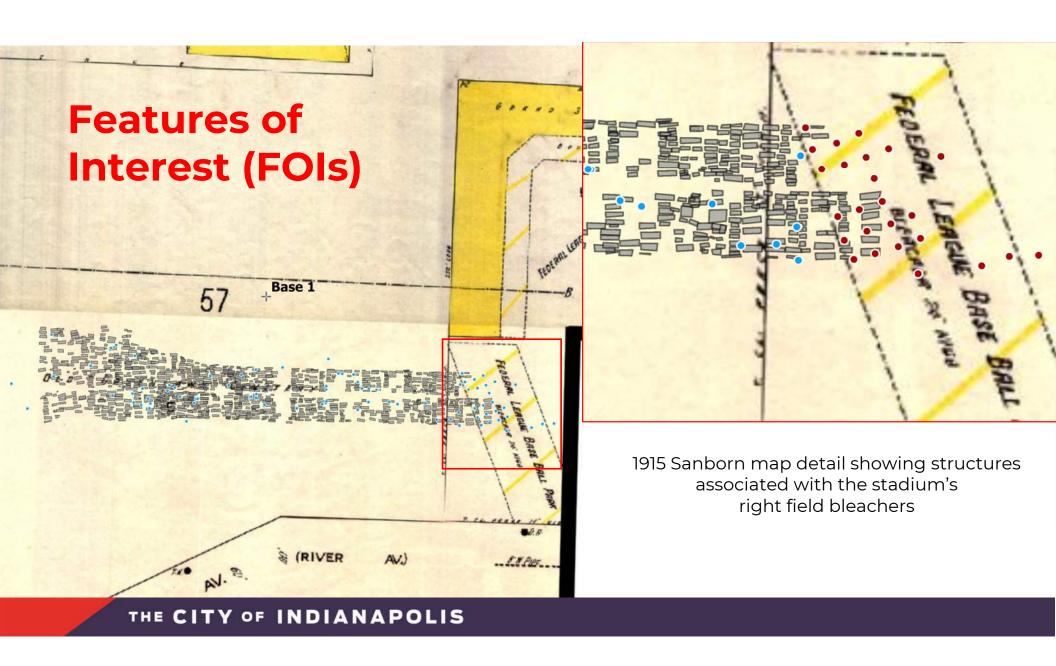
- Features of Interest (FOIs)
- Buried Monuments
- Coffin & Casket Hardware
- Burial Containers
- Personal Items
- Post-Fieldwork Analysis
- Post-Analysis Reburial

Features of Interest (FOIs)



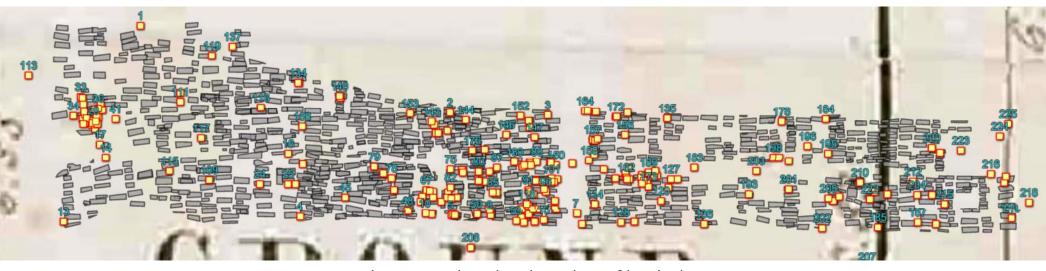
FOIs (blue) mapped thus far within the HSBP project boundaries





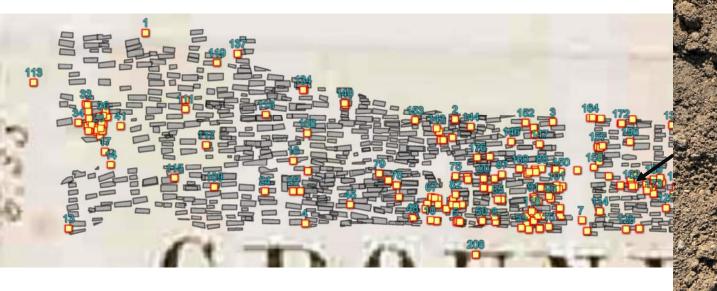


Buried Monuments



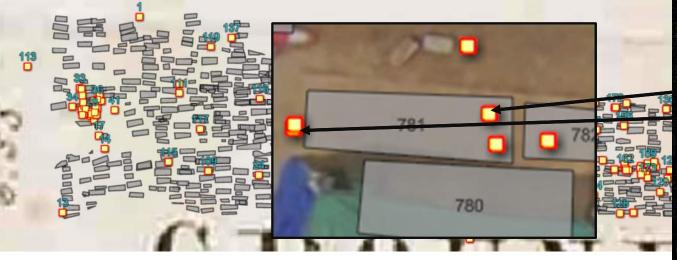
HSBP excavation map showing location of buried monuments

Buried Monuments



Example of *in situ* documentation of buried footstone

Buried Monuments



Location of *in situ* headstone & footstone in relation to Individual 781's burial shaft (intact older child)



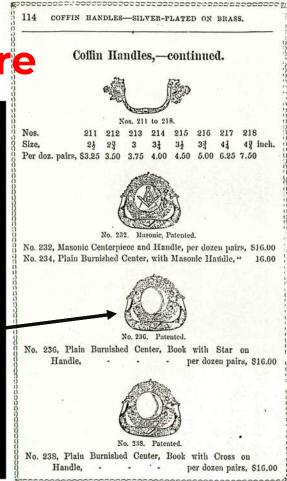
- Decorative hardware
 - Handles
 - Plaques
 - Coffin screws
 - Thumbscrews
 - Escutcheons
 - Ornaments
 - Ornamental tacks
 - Coffin lace
 - Viewing windows
 - Caplifters

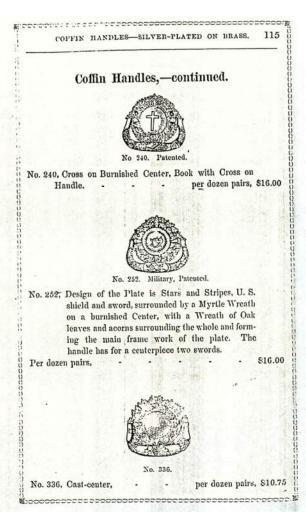


Examples of coffin & casket hardware from Bethel Cemetery



Handle from Individual 518 (intact unidentified adult)





Coffin handles advertised in the 1866 Sargent & Co. hardware catalog

- Decorative hardware
 - Handles
 - Plaques
 - Coffin screws
 - Thumbscrews
 - Escutcheons
 - Ornaments
 - Ornamental tacks
 - Coffin lace
 - Viewing windows
 - Caplifters



Handles, thumbscrews & escutcheons, plaque, and decorative tacks from Individual 132 (intact unidentified infant)

- Decorative hardware
 - Handles
 - Plaques
 - Coffin screws
 - Thumbscrews
 - Escutcheons
 - Ornaments
 - Ornamental tacks
 - Coffin lace
 - Viewing windows
 - Caplifters





Handles & plaque with "Our Darling" from Individual 147 (intact unidentified infant)







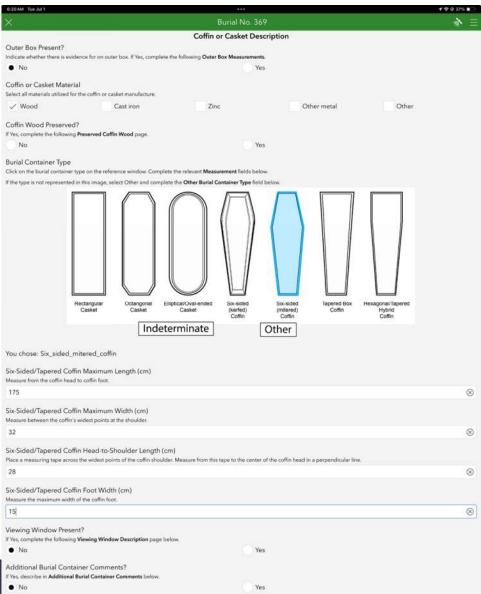


Burial Containers



Orthomosaic image generated from photogrammetric model of Individual 159 (intact unidentified infant) preserved coffin

Matrix removed from top interior portion exposing the coffin sides and ornamental tacks

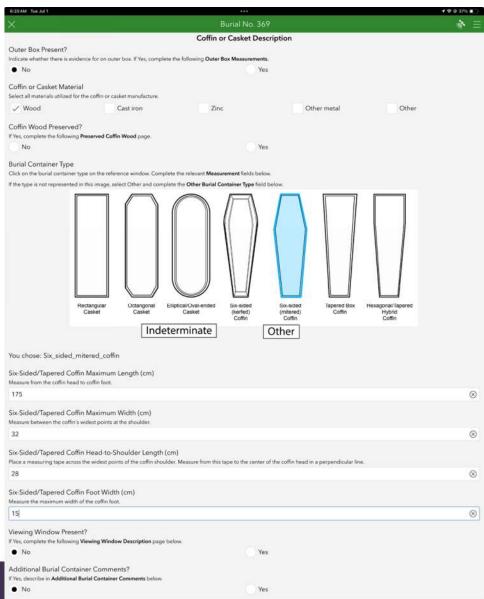


Burial Containers



Orthomosaic image generated from photogrammetric model of Individual 159 (intact unidentified infant) preserved coffin

Exposed coffin lid showing separate segment with caplifter covering viewing window

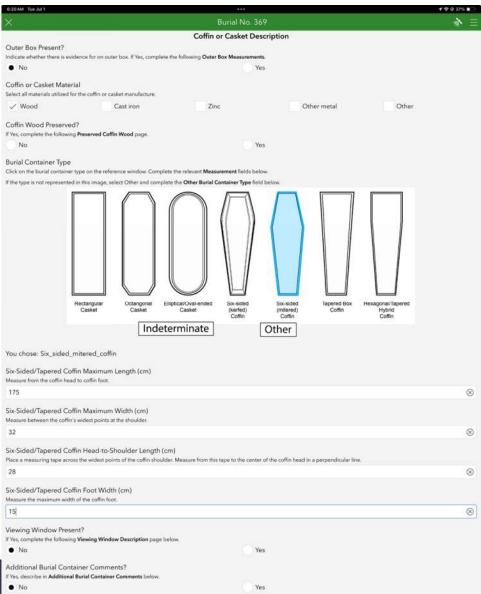


Burial Containers



Orthomosaic image generated from photogrammetric model of Individual 159 (intact unidentified infant) preserved coffin

Separate lid segment removed to reveal intact oval viewing window



Digital Documentation



Documentation of ornamental tacks for Individual 696 (intact unidentified adult) using Survey123 sketch function

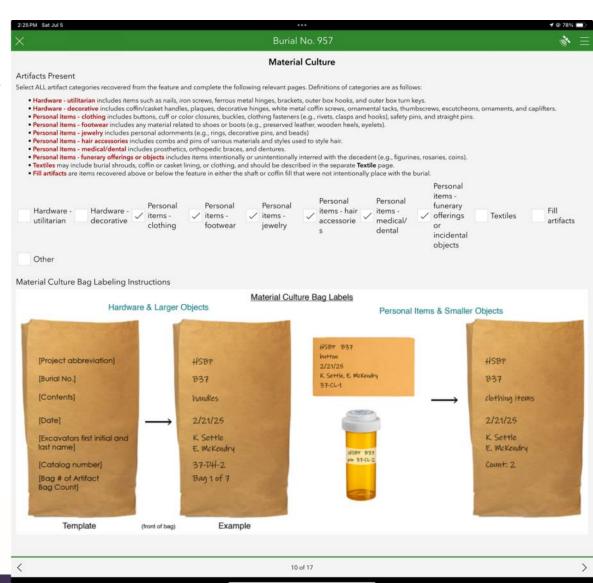
Digital Documentation

Lidar documentation of caskets containing Individuals 642-1 & 642-2 (intact unidentified perinates)

Personal Items

Survey123 excavation form artifact category inventory page

- Clothing
- Footwear
- Jewelry
- Hair Accessories
- Medical/Dental
- Incidental Items
- Funerary Offerings

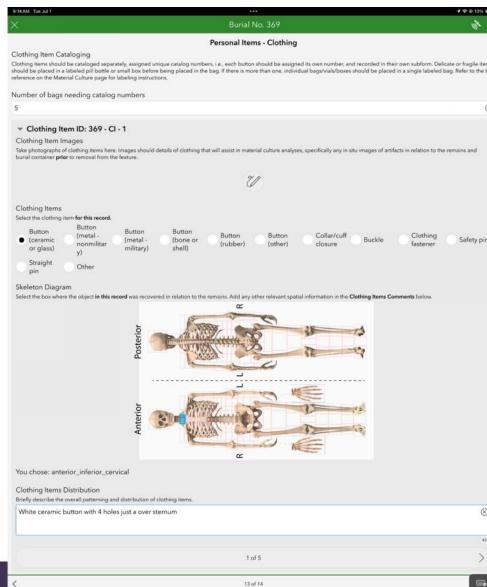


Clothing item recording page from Survey123 excavation form

Image of skeleton in form is an illustration

Personal Items

- Clothing
- Footwear
- Jewelry
- Hair Accessories
- Medical/Dental
- Incidental Items
- Funerary Offerings



Personal Items

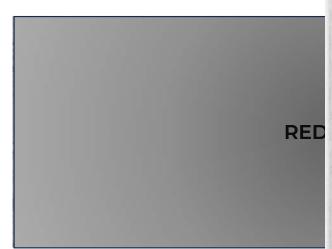
- Clothing
- Footwear
- Jewelry
- Hair Accessories
- Medical/Dental
- Incidental Items
- Funerary Offerings

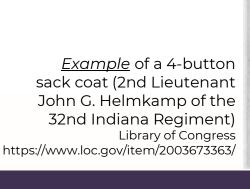


Photogrammetric model of Individual 326 (intact unidentified adult) showing location of cuprous buttons (green) and ferrous buttons (brown)



- Clothing
- Footwear
- Jewelry
- Hair Accessories
- Medical/Dental
- Incidental Items
- Funerary Offerings







- Clothing
- Footwear
- Jewelry
- Hair Accessories
- Medical/Dental
- Incidental Items
- Funerary Offerings



Leather soles and wooden buttons from baby shoes recovered from Individual 517 (intact unidentified infant)

- Clothing
- Footwear
- Jewelry
- Hair Accessories
- Medical/Dental
- Incidental Items
- Funerary Offerings



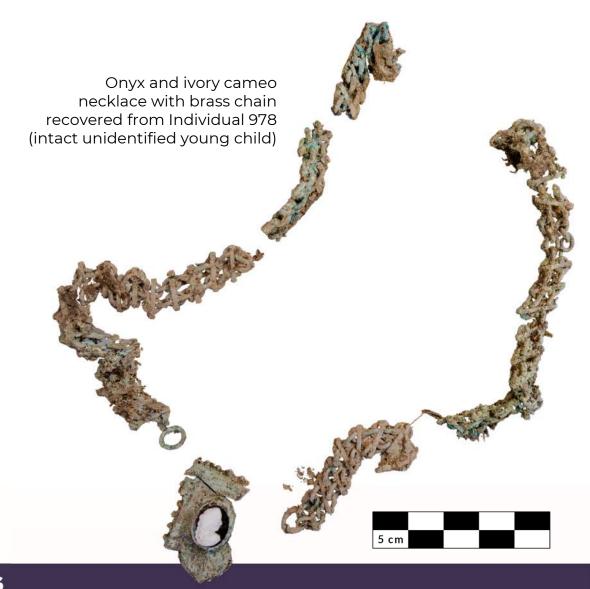
THE CITY OF INDIANAPOLIS

- Clothing
- Footwear
- Jewelry
- Hair Accessories
- Medical/Dental
- Incidental Items
- Funerary Offerings



THE CITY OF INDIANAPOLIS

- Clothing
- Footwear
- Jewelry
- Hair Accessories
- Medical/Dental
- Incidental Items
- Funerary Offerings



- Clothing
- Footwear
- Jewelry
- Hair Accessories
- Medical/Dental
- Incidental Items
- Funerary Offerings

S cm

Vulcanized rubber cinch hair pins found with Individual 875 (intact unidentified adult)

Vulcanized rubber band-style hair comb worn by Individual 788 (intact unidentified younger child)



- Clothing
- Footwear
- Jewelry
- Hair Accessories
- Medical/Dental
- Incidental Items
- **Funerary Offerings**

Example young girls' hairstyles, c1860 Vulcanized rubber

(personal collection)

band-style hair comb worn by Individual 788 (intact unidentified younger child)



- Clothing
- Footwear
- Jewelry
- Hair Accessories
- Medical/Dental
- Incidental Items
- Funerary Offerings



Vulcanized rubber and porcelain partial maxillary dentures recovered from Individual 322 (disturbed unidentified adult)

Early vulcanite denture from the British Dental Association Museum collection

(adapted from bda.org)



- Clothing
- Footwear
- Jewelry
- Hair Accessories
- Medical/Dental
- Incidental Items
- Funerary Offerings





Reverse

1853 US Three Cent uncovered with Individual 859 (intact unidentified younger child)



- Clothing
- Footwear
- Jewelry
- Hair Accessories
- Medical/Dental
- Incidental Items
- Funerary Offerings



Small wrench discovered in pocket of Individual 696 (intact unidentified adult)

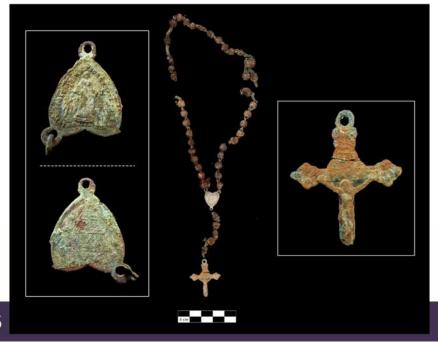
- Clothing
- Footwear
- Jewelry
- Hair Accessories
- Medical/Dental
- Incidental Items
- Funerary Offerings

Left, Hertwig porcelain doll head found in Individual 138 (disturbed unidentified infant

Right, Schabmadonna figurine recovered from Individual 7 (disturbed unidentified infant)







Rosary found around Individual 518's folded hands (intact unidentified adult)

THE CITY OF INDIANAPOLIS

- Clothing
- Footwear
- Jewelry
- Hair Accessories
- Medical/Dental
- Incidental Items
- Funerary Offerings

REDACTED

Possible ceramic saint figurine from Individual 514 (intact unidentified toddler)



- Clothing
- Footwear
- Jewelry
- Hair Accessories
- Medical/Dental
- Incidental Items
- Funerary Offerings

REDACTED

Possible ceramic saint figurine from Individual 514 (intact unidentified toddler)



- Clothing
- Footwear
- Jewelry
- Hair Accessories
- Medical/Dental
- Incidental Items
- Funerary Offerings



3D model of possible ceramic saint figurine from Individual 514 (intact unidentified toddler)

Post-Analysis Reburial

- Upon completion of analysis and documentation, reinterment of <u>all</u> artifacts will occur alongside the individuals with whom they were recovered
- A detailed reburial plan will not be drafted until after full excavation of the project area

Osteological Analysis Status

Principal Investigator Dr. Jeremy Wilson

Bioarchaeological Analyses

- 800+ burials and ca. 130 unassociated human remains transferred to IU Indianapolis lab
- Analytical Process:
 - 1. Processing
 - 2. Inventorying
 - 3. Analysis
 - 4. Documentation
- ~250 burials completed to date



Biological Profiles & Osteobiographies

- Profiles
 - 1. Age-at-death
 - 2. Sex
 - 3. Stature
 - 4. Biogeographic ancestry
 - 5. Antemortem conditions & pathologies
- Osteobiographies



Questions and Answers

Next Steps

- Continue the Community Advisory Group (CAG) meetings
- Submit documents, photos, and construction and archaeology updates on the project website at <u>www.wridinfrastructure.com</u>
- Continue research into genealogy

For More Information:

www.wridinfrastructure.com

contact@wridinfrastructure.com