

Data Accumulation of Baltimore's Street Art and Graffiti scenes

Jonathan Dimes, MFA

JDimes MediVisual Communication

@themuralhunter

- ❖ Began in 2014 as a hobby after noticing several murals in my Highlandtown neighborhood and elsewhere.
- ❖ Just photography initially, and only murals.



*Joel Bergner's
"Across the Waves"*

❖ Began locating online materials to help expand my search. Many of these described past mural initiatives:

- BOPA
- Open Walls Baltimore
- The Love Project
- Articulate: Baltimore
- Slum Lord Project

*Billy Mode & Chris Stain's
Wall for Articulate: Baltimore*



❖ Became very interested in the artists and the stories behind the art, and a lot of information was being accumulated.



Pablo Machioli



Michael Owen



Bridget Cimino

❖ At the same time while out photographing murals began noticing all of the additional forms of street art in the city.



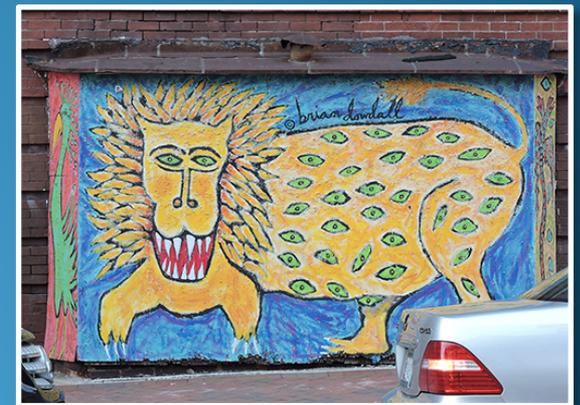
Unknown



Unknown



Sioux



Brian Dowdall

❖ Two things occurred to me:

1. A lot of this art was fleeting. Fading, peeling, crumbling, and much of it was on buildings that would be torn down.
2. No one appeared to be doing an overreaching inventory of it.

❖ My first objective was to begin to document and archive everything I discovered.

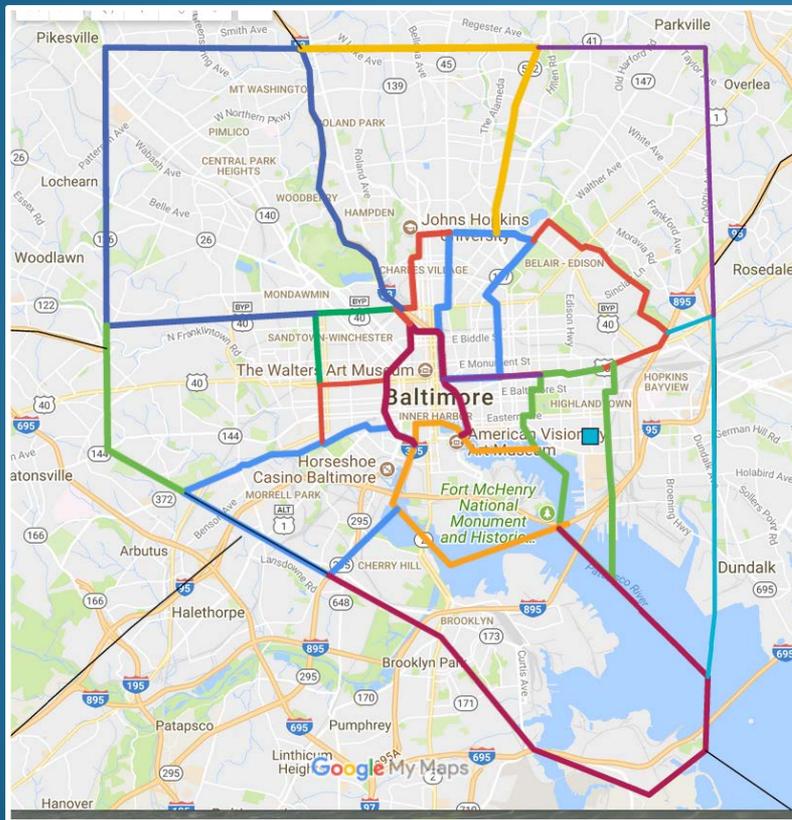
❖ My second objective would be to expose the art and promote the artists to those who might not otherwise be exposed to it.

❖ This way, when magnificent pieces like this wall by Italian artist Pixel Pancho are torn down (as it was in 2016), there will still be a record of it.



❖ So how to organize all this data?

- The city was broken down into areas loosely based on neighborhoods but more so on the city's divisions based upon its street art scene.
- Every piece of art receives an identification number based upon its geographical location and artist's last name.



For example, the Joel Bergner wall, which appears in Highlandtown/Canton area, is assigned: HC-10-Bergner



- ❖ Data is then placed into four different locations:

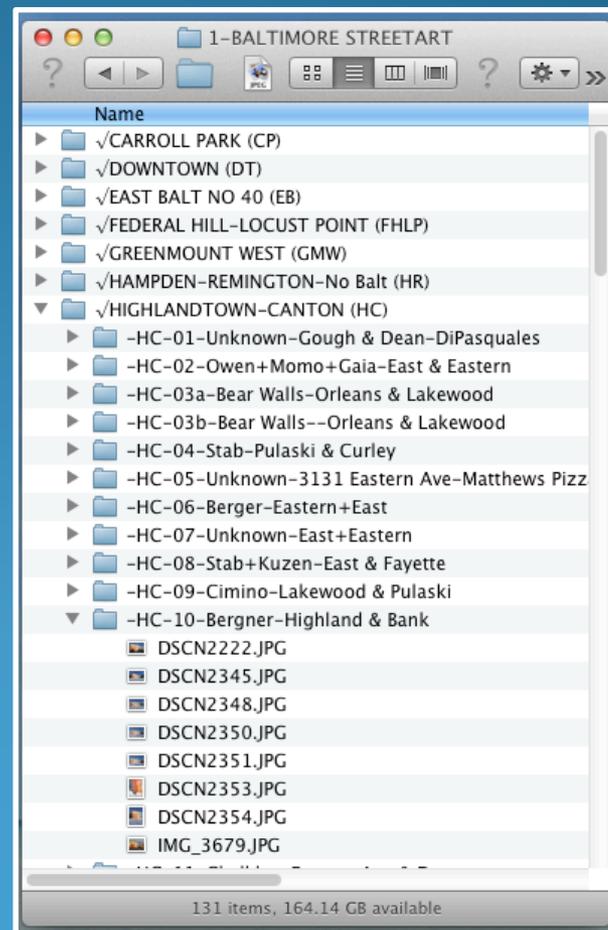


❖ Step 2: (After any post processing) the photographs are copied onto a hard drive, but now organized by geographical location.

Area folders

Art work folders

Photographs



❖ Step 3: Data is entered into a Filemaker Pro database.

ARTIST last name	ARTIST first name	TITLE	SITE NUMBER	Year Created	Address	City	State	Type	Notes	SEEN	My Maps	MM Photo
			SWB-20		Mary Ann Winterling					<input type="checkbox"/> SEEN	<input type="checkbox"/> My Maps	<input type="checkbox"/> MM Photo
17Matrix			NWB-39		Union St near					<input type="checkbox"/> SEEN	<input type="checkbox"/> My Maps	<input type="checkbox"/> MM Photo
Adams	Marshall	La Tolteca	HC-65	2015	2324 Boston St. On	Baltimore	MD	Commercial - art		<input checked="" type="checkbox"/> SEEN	<input checked="" type="checkbox"/> My Maps	<input checked="" type="checkbox"/> MM Photo
Adams	Marshall	No Idea	FHLP-07	2015	Hanover & Health	Baltimore	MD	Commercial - art		<input checked="" type="checkbox"/> SEEN	<input checked="" type="checkbox"/> My Maps	<input checked="" type="checkbox"/> MM Photo
Adams	Marshall	Blue Agave Purple	FHLP-08CD	2015	Hanover & Health	Baltimore	MD	Commercial - art		<input checked="" type="checkbox"/> SEEN	<input checked="" type="checkbox"/> My Maps	<input checked="" type="checkbox"/> MM Photo
Adams	Marshall	Battle of North Point	SEB-04	2014	North Point Road at	Baltimore	MD	Community - art	Very unique in that it	<input checked="" type="checkbox"/> SEEN	<input checked="" type="checkbox"/> My Maps	<input checked="" type="checkbox"/> MM Photo
Adams	Marshall	Cox Roofing	SEB-08	2015	7606 Eastern Ave	Baltimore	MD	Commercial - art		<input checked="" type="checkbox"/> SEEN	<input checked="" type="checkbox"/> My Maps	<input checked="" type="checkbox"/> MM Photo
Adams	Marshall		SN-31	2010	210 E. 22nd	Baltimore	MD	Sanctioned Public	Lost original hi-res	<input checked="" type="checkbox"/> SEEN	<input checked="" type="checkbox"/> My Maps	<input checked="" type="checkbox"/> MM Photo
Adams	Marshall		WHFP-09	2013	Pratt & High	Baltimore	MD	Community -		<input checked="" type="checkbox"/> SEEN	<input checked="" type="checkbox"/> My Maps	<input checked="" type="checkbox"/> MM Photo
Adams	Marshall		DT-50		Mt Vernon Market					<input type="checkbox"/> SEEN	<input type="checkbox"/> My Maps	<input type="checkbox"/> MM Photo
Adinger	Phil		WHFP-49		Central-Eastern					<input type="checkbox"/> SEEN	<input type="checkbox"/> My Maps	<input type="checkbox"/> MM Photo
AH BRH		Brothers	GRAF-NWB-20	2015	Park Heights and	Baltimore	MD	Commercial -	Another example of a	<input checked="" type="checkbox"/> SEEN	<input checked="" type="checkbox"/> My Maps	<input checked="" type="checkbox"/> MM Photo
Ahem	John		SN-27AB	2014	1818Charles - Station	Baltimore	MD	Sanctioned Public	First, tried like hell to	<input checked="" type="checkbox"/> SEEN	<input checked="" type="checkbox"/> My Maps	<input checked="" type="checkbox"/> MM Photo
AHJ?	Stefan		WBN-105		Bloom+Division					<input type="checkbox"/> SEEN	<input type="checkbox"/> My Maps	<input type="checkbox"/> MM Photo
AIE Mural Students		Welcome to	HR-02B	2005	Roosevelt Park in	Baltimore	MD	Community -		<input checked="" type="checkbox"/> SEEN	<input checked="" type="checkbox"/> My Maps	<input checked="" type="checkbox"/> MM Photo
AIKO		From Soweto to	WBS-42		McHenry & Norris	Baltimore	MD	Public Art - painted	Looks like	<input checked="" type="checkbox"/> SEEN	<input checked="" type="checkbox"/> My Maps	<input checked="" type="checkbox"/> MM Photo
Aminzadeh (of Beats,	Rameen	Hardware Plus	WBN-88	2015	Pennsylvania & Gold	Baltimore	MD	Commercial - art	Damn car in the way.	<input checked="" type="checkbox"/> SEEN	<input checked="" type="checkbox"/> My Maps	<input checked="" type="checkbox"/> MM Photo
Antonio	Rodriguez		HR-46A	1991	825 benninghaus	Baltimore	MD	Sanctioned Public	Comparing the	<input checked="" type="checkbox"/> SEEN	<input checked="" type="checkbox"/> My Maps	<input checked="" type="checkbox"/> MM Photo
ARBOR			GRAFF-SN-61B	2015	West side of Morton	Baltimore	MD	Graffiti - burner	Pretty sure	<input checked="" type="checkbox"/> SEEN	<input checked="" type="checkbox"/> My Maps	<input checked="" type="checkbox"/> MM Photo
AREK			GRAFF-SN-61B	2015	West side of Morton	Baltimore	MD	Graffiti - burner	Pretty sure these	<input checked="" type="checkbox"/> SEEN	<input checked="" type="checkbox"/> My Maps	<input checked="" type="checkbox"/> MM Photo
AREK, STAB			GRAF-SWB-22	unknown	McHenry & Dover	Baltimore	MD	Graffiti-Piece		<input checked="" type="checkbox"/> SEEN	<input checked="" type="checkbox"/> My Maps	<input checked="" type="checkbox"/> MM Photo
Arts Expansion Program			NWB-44		Garrison+Clifton					<input type="checkbox"/> SEEN	<input type="checkbox"/> My Maps	<input type="checkbox"/> MM Photo
Aumiller	Nick		HC-17	1993	2800 E. Fayette	Baltimore	MD	Sanctioned Public	A Project by	<input checked="" type="checkbox"/> SEEN	<input checked="" type="checkbox"/> My Maps	<input checked="" type="checkbox"/> MM Photo
Bakon			NWB-34		Union St near					<input type="checkbox"/> SEEN	<input type="checkbox"/> My Maps	<input type="checkbox"/> MM Photo
Baltimore Middle School			WBS-15F-J	2009	Hollins & Carrollton	Baltimore	MD	Community art -	11 of these in total, all	<input checked="" type="checkbox"/> SEEN	<input checked="" type="checkbox"/> My Maps	<input checked="" type="checkbox"/> MM Photo
Baltimore Middle School			WBS-15A-E	2009	Hollins & Carrollton	Baltimore	MD	Community art -	11 of these in total, all	<input checked="" type="checkbox"/> SEEN	<input checked="" type="checkbox"/> My Maps	<input checked="" type="checkbox"/> MM Photo
Banner Neighborhoods		McClellery Park	EB-01	unknown	McClellery &	Baltimore	MD	Community -	Pretty amateurish	<input checked="" type="checkbox"/> SEEN	<input checked="" type="checkbox"/> My Maps	<input checked="" type="checkbox"/> MM Photo
Banner Neighborhoods			EB-45	2007	Jefferson & Madiera	Baltimore	MD	Sanctioned Public	Found this and two	<input checked="" type="checkbox"/> SEEN	<input checked="" type="checkbox"/> My Maps	<input checked="" type="checkbox"/> MM Photo
Banner Neighborhoods Art			HC-27	unknown	Fairmount & Luzerne	Baltimore	MD	Community -	This is very cool as	<input checked="" type="checkbox"/> SEEN	<input checked="" type="checkbox"/> My Maps	<input checked="" type="checkbox"/> MM Photo
Bear Walls		William Paca	HC-03a	2013	Orleans & Lakewood	Baltimore	MD	Community -	artist:	<input checked="" type="checkbox"/> SEEN	<input checked="" type="checkbox"/> My Maps	<input checked="" type="checkbox"/> MM Photo
Bear Walls		William Paca	HC-03B	unknown	Orleans & Lakewood	Baltimore	MD	Community -	artist:	<input checked="" type="checkbox"/> SEEN	<input checked="" type="checkbox"/> My Maps	<input checked="" type="checkbox"/> MM Photo
Benitez	Eric		SN-85D	2015	Maryland and Falls -	Baltimore	MD	Street - painted -	Created for Artscape	<input checked="" type="checkbox"/> SEEN	<input checked="" type="checkbox"/> My Maps	<input checked="" type="checkbox"/> MM Photo
Benitez-Telanoves			HR-82		Greenmount+Lorraine					<input type="checkbox"/> SEEN	<input type="checkbox"/> My Maps	<input type="checkbox"/> MM Photo
Bennu			SN-84		Guilford+24th					<input type="checkbox"/> SEEN	<input type="checkbox"/> My Maps	<input type="checkbox"/> MM Photo
Berger	Ezra	Highlandtown	HC-06	2014	Eastlawn & East	Baltimore	MD	Community art -	So long, detailed and	<input checked="" type="checkbox"/> SEEN	<input checked="" type="checkbox"/> My Maps	<input checked="" type="checkbox"/> MM Photo
Berger	Joel	The Farming of Corn	DT-30M	2008	JFX Farmer's Market	Baltimore	MD	Sanctioned Public	Painted on a concrete	<input checked="" type="checkbox"/> SEEN	<input checked="" type="checkbox"/> My Maps	<input checked="" type="checkbox"/> MM Photo
Berger	Joel		GMW-24	2011	Greenmount &	Baltimore	MD	Sanctioned Public	Been exchanging FB	<input checked="" type="checkbox"/> SEEN	<input checked="" type="checkbox"/> My Maps	<input checked="" type="checkbox"/> MM Photo
Berger	Joel	Across The Waves	HC-10	2008	Highland between	Baltimore	MD	Sanctioned Public	Right around the	<input checked="" type="checkbox"/> SEEN	<input checked="" type="checkbox"/> My Maps	<input checked="" type="checkbox"/> MM Photo
Berger	Joel	Montego Bay	NWB-04	unknown	Denmore & Rodgers	Baltimore	MD	Commercial Art	took forever to go	<input checked="" type="checkbox"/> SEEN	<input checked="" type="checkbox"/> My Maps	<input checked="" type="checkbox"/> MM Photo
Bertholet	Paul	Health Center Mural	NEB-01	2011	3120 Erdman	Baltimore	MD	Commercial - art		<input checked="" type="checkbox"/> SEEN	<input checked="" type="checkbox"/> My Maps	<input checked="" type="checkbox"/> MM Photo
Birchler		Cherry Hill Shopping	SE-03	unknown	600 Cherry Hill Rd &	Baltimore	MD	Community Art	Very beat up with	<input checked="" type="checkbox"/> SEEN	<input checked="" type="checkbox"/> My Maps	<input checked="" type="checkbox"/> MM Photo
BMore	Reed		DT-37	2015	Redwood & Light	Baltimore	MD	Street - installation	NO LONGER THERE	<input checked="" type="checkbox"/> SEEN	<input checked="" type="checkbox"/> My Maps	<input checked="" type="checkbox"/> MM Photo
BMore	Reed		HR-35	2015	Charles & 28th	Baltimore	MD	Street - installation	Only second one I	<input checked="" type="checkbox"/> SEEN	<input checked="" type="checkbox"/> My Maps	<input checked="" type="checkbox"/> MM Photo
BMore	Reed		SN-83	2015	Charles & 20th	Baltimore	MD	Street - installation	Met him at a small	<input type="checkbox"/> SEEN	<input type="checkbox"/> My Maps	<input type="checkbox"/> MM Photo
BMore	Reed		HR-75	2015	Greenmount & North	Baltimore	MD	Street - installation	This guy is so cool.	<input checked="" type="checkbox"/> SEEN	<input checked="" type="checkbox"/> My Maps	<input checked="" type="checkbox"/> MM Photo
BMore	Reed	Snoopy the Red	NWB-21	2016	Franklin & Monroe	Baltimore	MD	Street - installation		<input checked="" type="checkbox"/> SEEN	<input checked="" type="checkbox"/> My Maps	<input checked="" type="checkbox"/> MM Photo
BMoreSrug+MasPaz			WBS-66ABCD		Around Hollins Market					<input type="checkbox"/> SEEN	<input type="checkbox"/> My Maps	<input type="checkbox"/> MM Photo
Bogus			GRAFF-SN-80A-D	2015	Morton between	Baltimore	MD	Graffiti	Pretty sure these	<input checked="" type="checkbox"/> SEEN	<input checked="" type="checkbox"/> My Maps	<input checked="" type="checkbox"/> MM Photo
Bogus & Donut			GRAFF-DT-38	unknown	848 N. Howard	Baltimore	MD	Graffiti - Roller	Probably drove by	<input checked="" type="checkbox"/> SEEN	<input checked="" type="checkbox"/> My Maps	<input checked="" type="checkbox"/> MM Photo
Bolini	Lauren		GMW-01	unknown	Greenmount &	Baltimore	MD	Sanctioned Public	Got name of artist	<input checked="" type="checkbox"/> SEEN	<input checked="" type="checkbox"/> My Maps	<input checked="" type="checkbox"/> MM Photo
Bones			GRAFF-SN	2015	Graffiti Alley	Baltimore	MD	Graffiti-Piece	All different types of	<input checked="" type="checkbox"/> SEEN	<input checked="" type="checkbox"/> My Maps	<input checked="" type="checkbox"/> MM Photo
Bonnel	Bonnie		WBN-10	1992	North & Park	Baltimore	MD	Sanctioned Public	Now extremely faded.	<input checked="" type="checkbox"/> SEEN	<input checked="" type="checkbox"/> My Maps	<input checked="" type="checkbox"/> MM Photo
Bowman	Michael (or	Art of Harmony	CP-30	unknown	Washington&Carey	Baltimore	MD	Commercial - art	Part of the Coca Cola	<input checked="" type="checkbox"/> SEEN	<input checked="" type="checkbox"/> My Maps	<input checked="" type="checkbox"/> MM Photo
Breadstorm		Ride	SN-65C	2015	Maryland and Falls -	Baltimore	MD	Street - painted -		<input checked="" type="checkbox"/> SEEN	<input checked="" type="checkbox"/> My Maps	<input checked="" type="checkbox"/> MM Photo
Brown	Kristen		EB-83		Milton+McMonument				BaltimoreViewfinders	<input type="checkbox"/> SEEN	<input type="checkbox"/> My Maps	<input type="checkbox"/> MM Photo
Brown	Kristen		EB-84		Milton+Fayette				BaltimoreViewfinders	<input type="checkbox"/> SEEN	<input type="checkbox"/> My Maps	<input type="checkbox"/> MM Photo
Brown	Kristen		EB-85		Milton+McClellery				BaltimoreViewfinders	<input type="checkbox"/> SEEN	<input type="checkbox"/> My Maps	<input type="checkbox"/> MM Photo
Brown	Kristen		EB-86		Milton+McClellery				BaltimoreViewfinders	<input type="checkbox"/> SEEN	<input type="checkbox"/> My Maps	<input type="checkbox"/> MM Photo
Brown	Kristen		EB-87		Milton+TBD				BaltimoreViewfinders	<input type="checkbox"/> SEEN	<input type="checkbox"/> My Maps	<input type="checkbox"/> MM Photo
Brown	Goodloe	Red Fox	SN-65E	2015	Maryland and Falls -	Baltimore	MD	Street - painted -	These murals were	<input checked="" type="checkbox"/> SEEN	<input checked="" type="checkbox"/> My Maps	<input checked="" type="checkbox"/> MM Photo

❖ Step 3 cont: Representative photos are included.

Fields include:

- Artist name
- Title of work
- Site number
- Year created
- Street address
- City/State
- Type category
- To do
- Notes
- Date seen/photo taken
- Direction facing
- Associated mural project

MURALS

ARTIST last name
Bergner

ARTIST first name
Joel

TITLE
Across The Waves

SITE NUMBER Year Created
HC-10 2008

Address
Highland between Bank and Gough
(3426 Bank St)

City State
Baltimore MD

Type
Sanctioned Public Art - painted

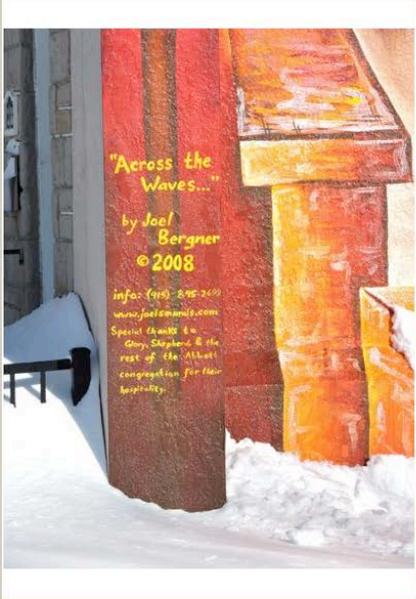
To Do

Notes
Right around the corner and one of my favorites. Tremendous artist. I need to find his third mural. This mural explores and celebrates the Highlandtown neighborhood in Baltimore. The left side shows the history, including the European immigrants that arrived during the 1800's until the 1950's. The right side celebrates the community as it is today, diverse and experiencing a large wave of Latino immigrants.

Photo 1



Photo 2



OLD OR OTHERS PHOTO



❖ Step 4: Place into proprietary Google Map.

Baltimore Murals Map
552 views
All changes saved in Drive

Add layer Share Preview

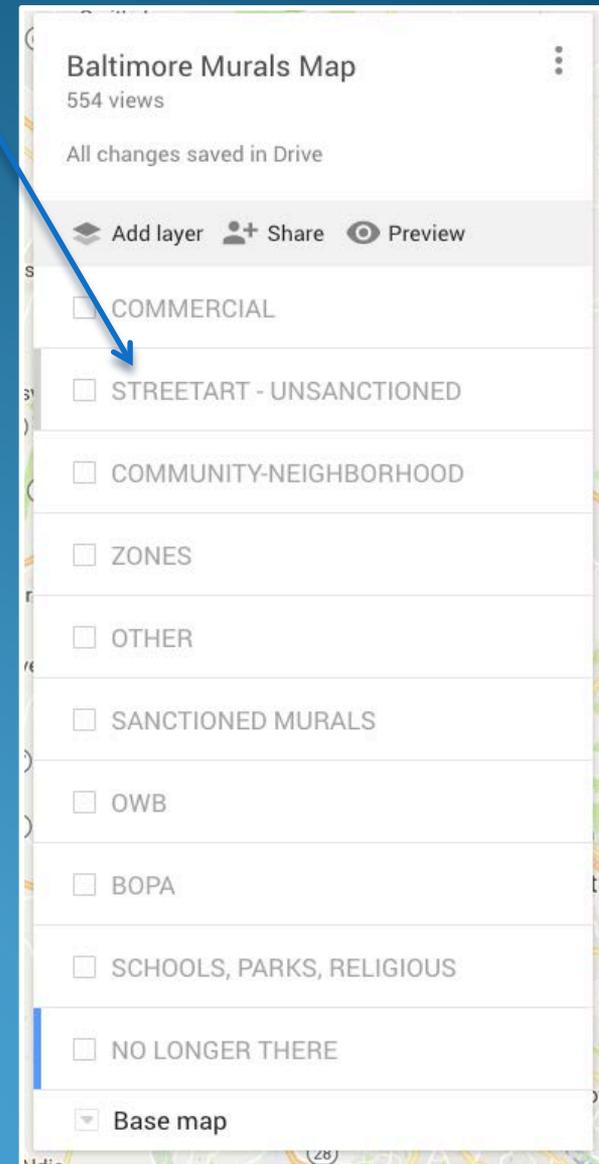
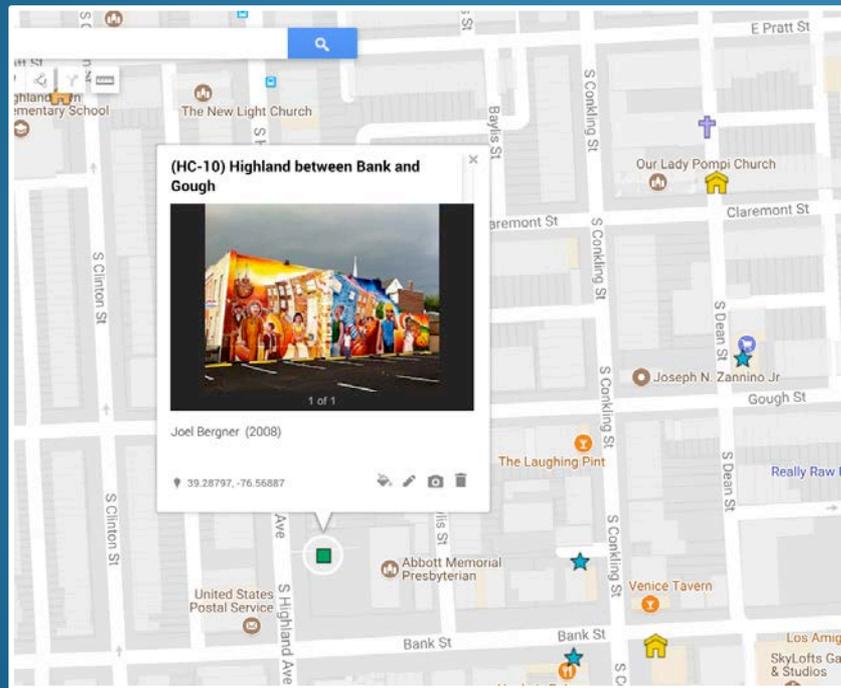
- (DI-23) N. Liberty & Clay
- (EBN40-01) McEldery & Lak...
- (EBN40-20) Port & Jefferson
- (EBN40-40) Federal & Register
- EBN40-41AB (Fairmont & Port)
- (FHLP-05) 114 Hamburg Stre...
- (FPHE-06ABCD) 1507 Alicea...
- (FPHE-07ABC) 1454 Fleet & ...
- (EBN40-33) North & Register
- (GMW-29) 747 North Ave
- (HC-4) Pulaski & Curley
- (HC-06) East & Eastern - Hig...
- (HC-11) Highlandtown & Eas...
- (HC-24) Claremont & Dean
- (HC-27) Fairmount & Luzerne
- (HC-28) 2602 Fairmount & Lu...
- (HC-37) Bank & Conkling
- (HR-01) 3424 Elm Avenue
- (HR-05AB) 36th St, Hampden
- (HR-13) 3505 Ash
- (HR-18) Falls Rd & Clipper Mill
- (HR-19) Falls Rd & Clipper Mill

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Map data © 2018 Google Terr

❖ Step 4 cont: Art works are assigned categories in the map and database.

❖ Archiving a wide range of public art, both sanctioned (legal), and unsanctioned (illegal).



- ❖ In 2015 after meeting a couple of prominent local graffiti writers I began archiving that genre as well.
 - ◆ It needed to be handled differently because of the more secretive nature. (i.e. Not revealing faces or names, or making locations public.)
 - ◆ From an archive perspective, things are sorted by location rather than by writer, since many locations contain dozens or more pieces by different writers.

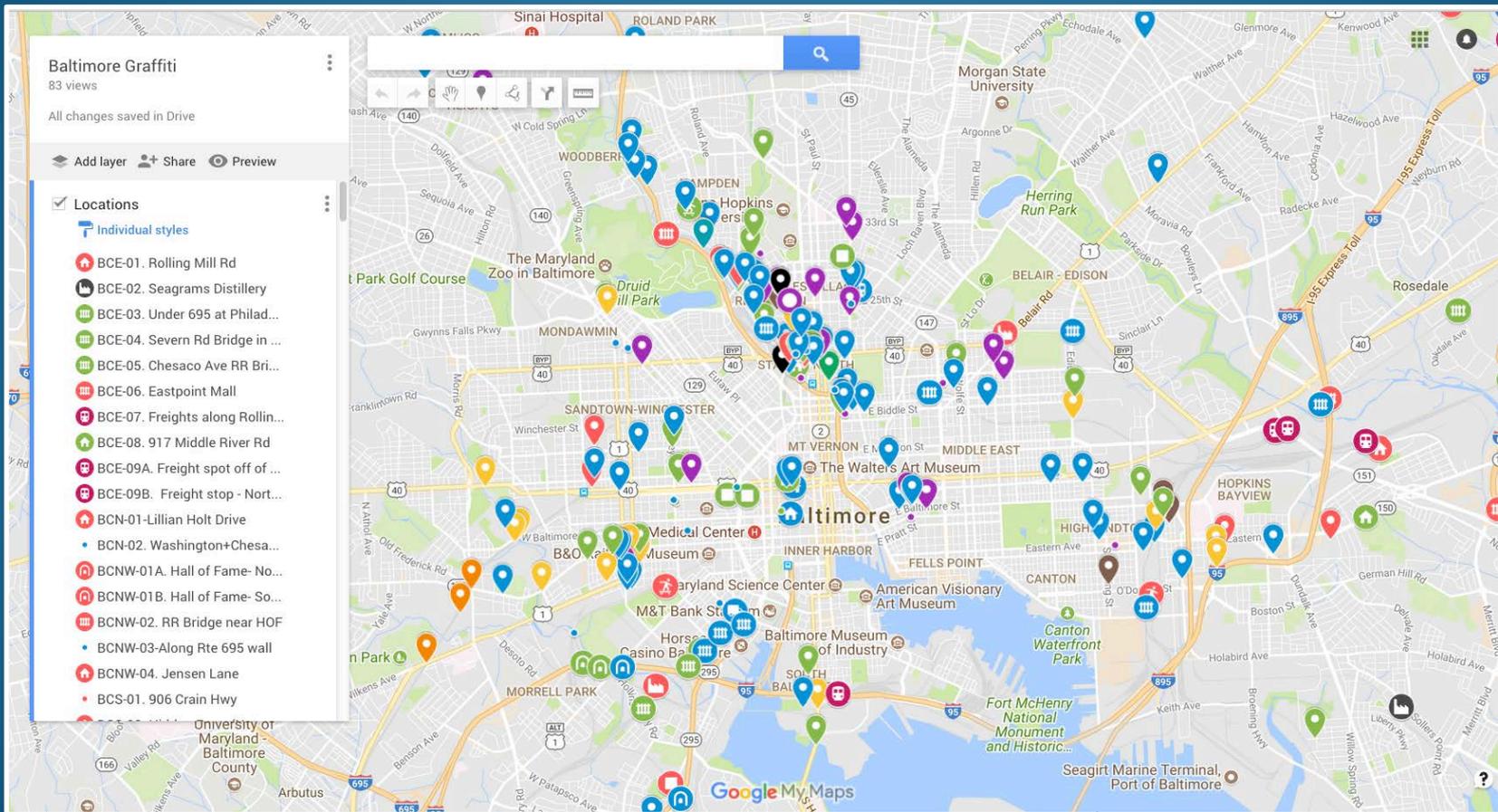


Siek

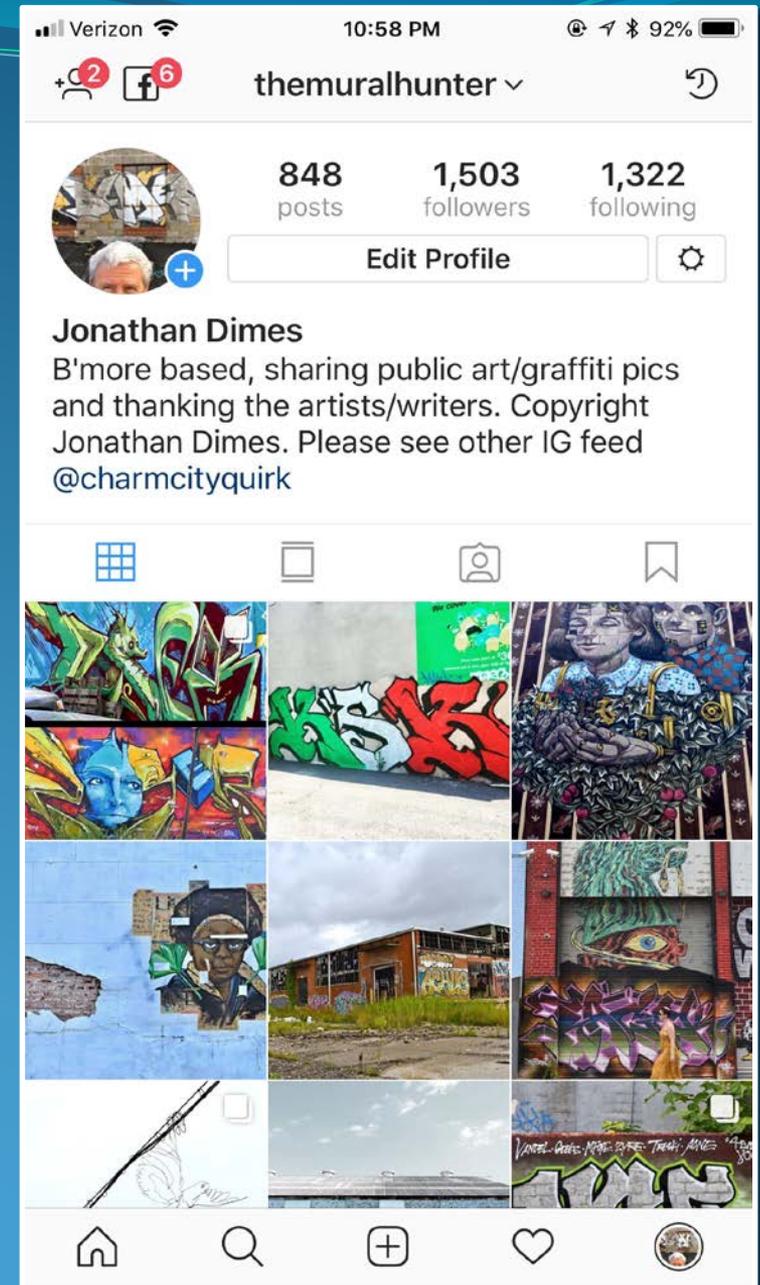


Droid, MTN, Fisho, and Donut

❖ I made a separate map for the graffiti, one based on locations. (This map will never be made public.)



❖ In October of 2015 I created the @themuralhunter Instagram account, where I would begin posting some of my photographs along with the artists' names and corresponding information.



❖ My data currently contains:

- ◆ Street art – 12,000+ photographs representing 1,108 data points (individual art works) on the Baltimore Street Art Map
- ◆ Graffiti – 7000+ photographs representing 1000+ individual graffiti pieces contained in 242 locations in the Graffiti Map.

❖ Additional benefits

- ◆ Meeting hundreds of artists and graffiti writers as well as numerous city residents whom I would otherwise never have met.
- ◆ A greater love of the city of Baltimore.

❖ What to do with this data?

❖ Would like to see it utilized in some way that benefits the city and its residents.

❖ Tourism

◆ BOPA

◆ Visit Baltimore

❖ Art appreciation and the promotion of artists.

◆ CANVS

◆ Mural Tours

❖ Other

◆ Geloom



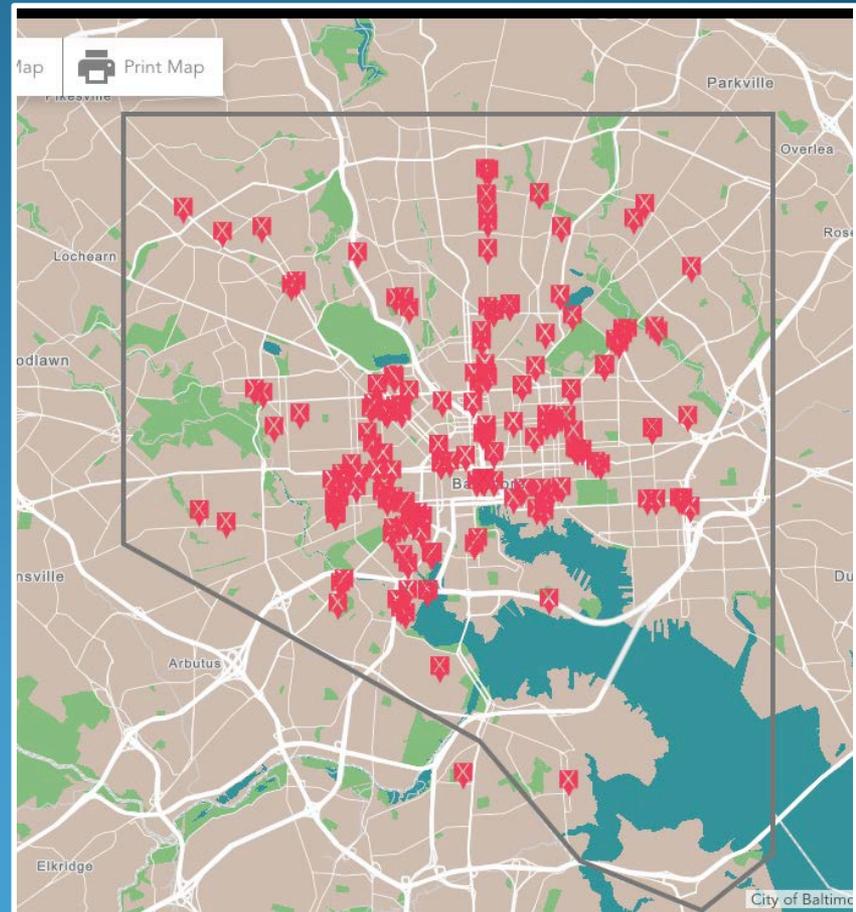
❖ Is Geoloom the right place for this data?

- ◆ Art & Culture objectives make it a good fit. Can help promote local artists.
- ◆ I always anticipated this data to be used for entertainment or educational means, not for civic/government purposes.
- ◆ Is only a subset of this data valuable in the Geoloom format?



❖ The Geoloom experience for information seekers

- ◆ Tools are easy to use
- ◆ Searching options good
- ◆ Aesthetics satisfactory



❖ For any database tool, it's only as good as the information that has been entered.

◆ Data must accurate and up to date or else it loses credibility and will not be utilized

◆ Tools for data providers must be efficient

Too many fields left empty and some are confusing. (i.e. school number) = Distracts from information that IS there.
Can code be written so that only filled-in fields appear?

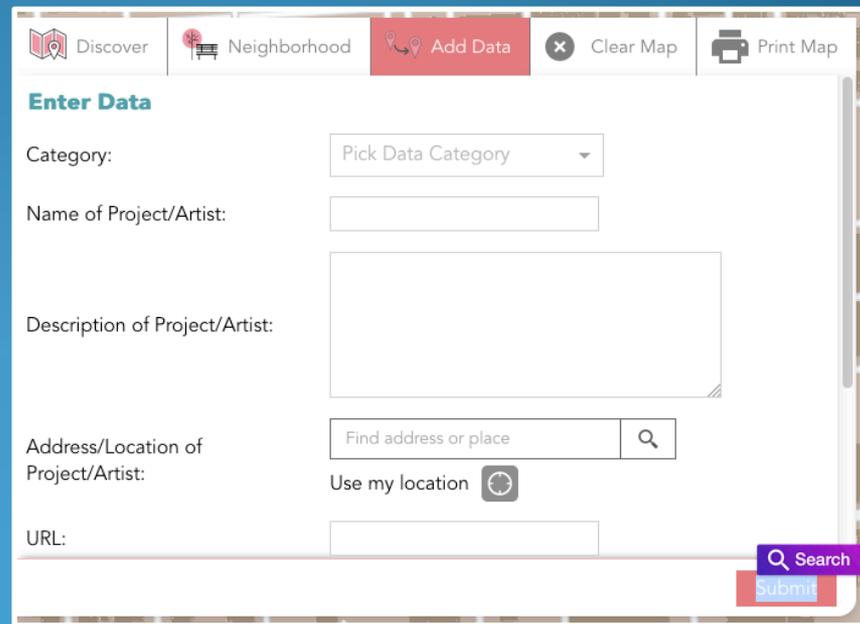
(1 of 3)

Murals

Artist Last Name: Owen
Artist First Name: Michael
Organization:
Title:
Project:
Date: 2009
Medium: mural
Baltimore Mural Program Participant: Yes
Zip Code: 0
Location: 4100 Eastern Avenue
School Number:
Site:
Description:
Visibility:
Inside or Outside:
Location (Other): 4100 Eastern Avenue 21224 (39.2869003954
Public Funding Amount:
Private Funding Amount:
Total Funding Amount:
Link to Image:
Notes:
Year: 2014
Photo:

❖ The data provider experience

- ◆ Works well for those uploading minimal data
- ◆ Not as efficient for those uploading considerable amounts of data or certain types of data.
- ◆ Some fields are not defined and are confusing.



The screenshot shows a web application interface for entering data. At the top, there is a navigation bar with buttons for "Discover", "Neighborhood", "Add Data" (highlighted in red), "Clear Map", and "Print Map". Below the navigation bar, the main content area is titled "Enter Data". It contains several input fields:

- Category:** A dropdown menu with the text "Pick Data Category".
- Name of Project/Artist:** A single-line text input field.
- Description of Project/Artist:** A large multi-line text area.
- Address/Location of Project/Artist:** A search input field with the placeholder text "Find address or place" and a magnifying glass icon.
- Use my location:** A button with a location pin icon and a refresh icon.
- URL:** A single-line text input field.

At the bottom right of the form, there are two buttons: a purple "Search" button with a magnifying glass icon and a red "Submit" button.

❖ Some areas for improvement:

1. Ability to work in real time. Currently one must wait 2-4 days until someone reviews data. Impossible to see if what you are entering is working as you are entering it.
2. Inability to drop pins/points onto specific locations. No entry field for coordinate points. Dependency upon a street address system. Often street art (and certainly graffiti) is located on non-address locations.
3. There is an option to upload photos, but no specs are provided (i.e. pixel dimensions, file formats etc.).
4. No credit line for those uploading data, which then brings up the discussion of who owns the data.
5. Data entry fields do not match data search fields. (i.e. You can search on “murals” but there is no way to designate data being uploaded as “murals”

Thank you for listening. I hope you found this helpful.

I look forward to discussing ways in which my data can be utilized on the Geoloom platform.



THE MURAL HUNTER

Photographer and Archivist of public art, murals,
street art, and graffiti. Individual and group tours available.

Jonathan Dimes | Tel: 443.827.6189 | Email: jonathandimes@gmail.com | IG: [@therunshunter](https://www.instagram.com/therunshunter)