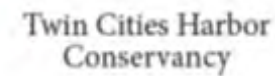




Twin Cities Sustainable Harbor Strategy



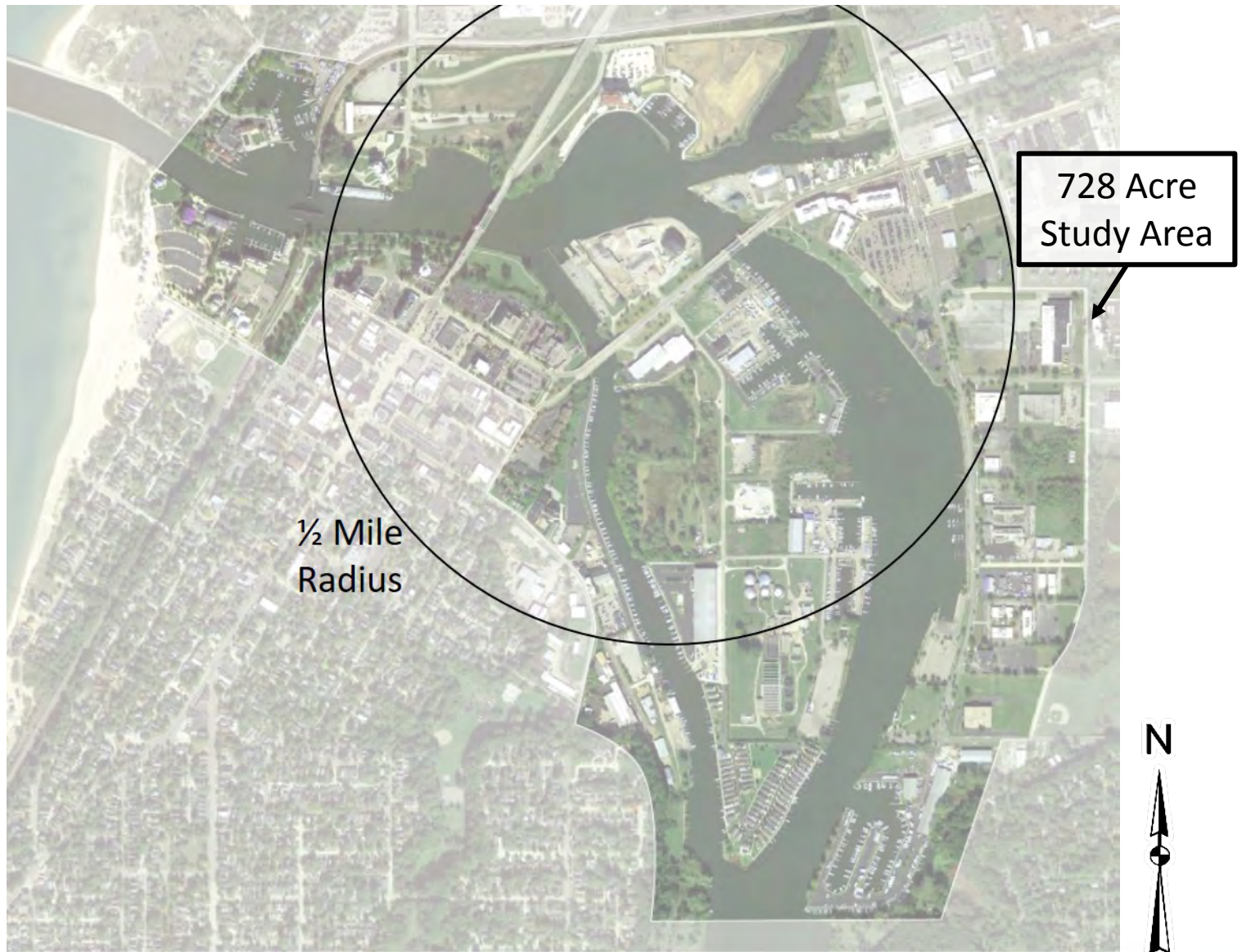
Project Goal

The goal of the Twin Cities Sustainable Harbors Initiative is to facilitate the development of long-term, sustainable strategies that enable the communities to maximize the benefits of their harbor and waterfront.

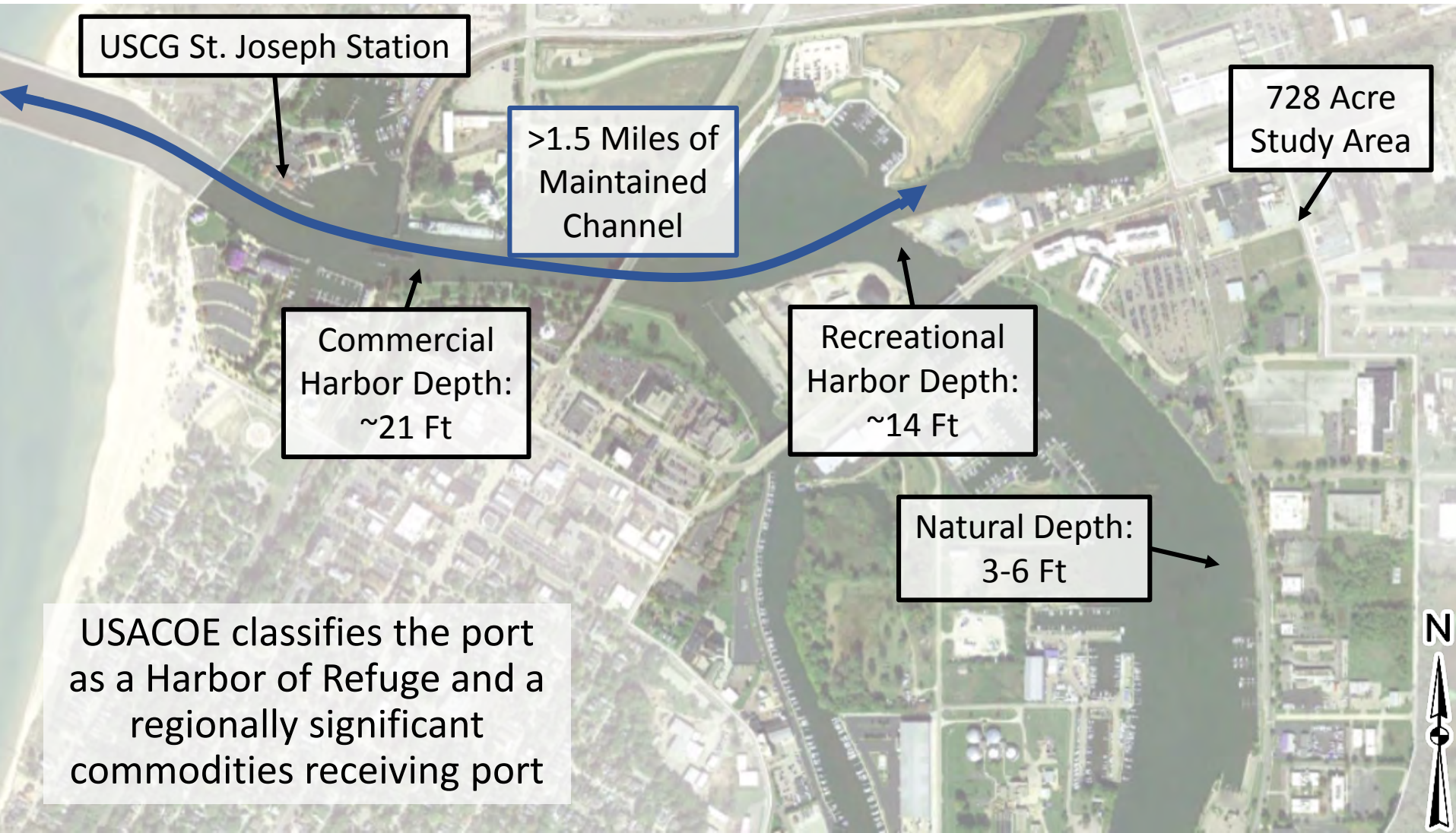
Project Study Area



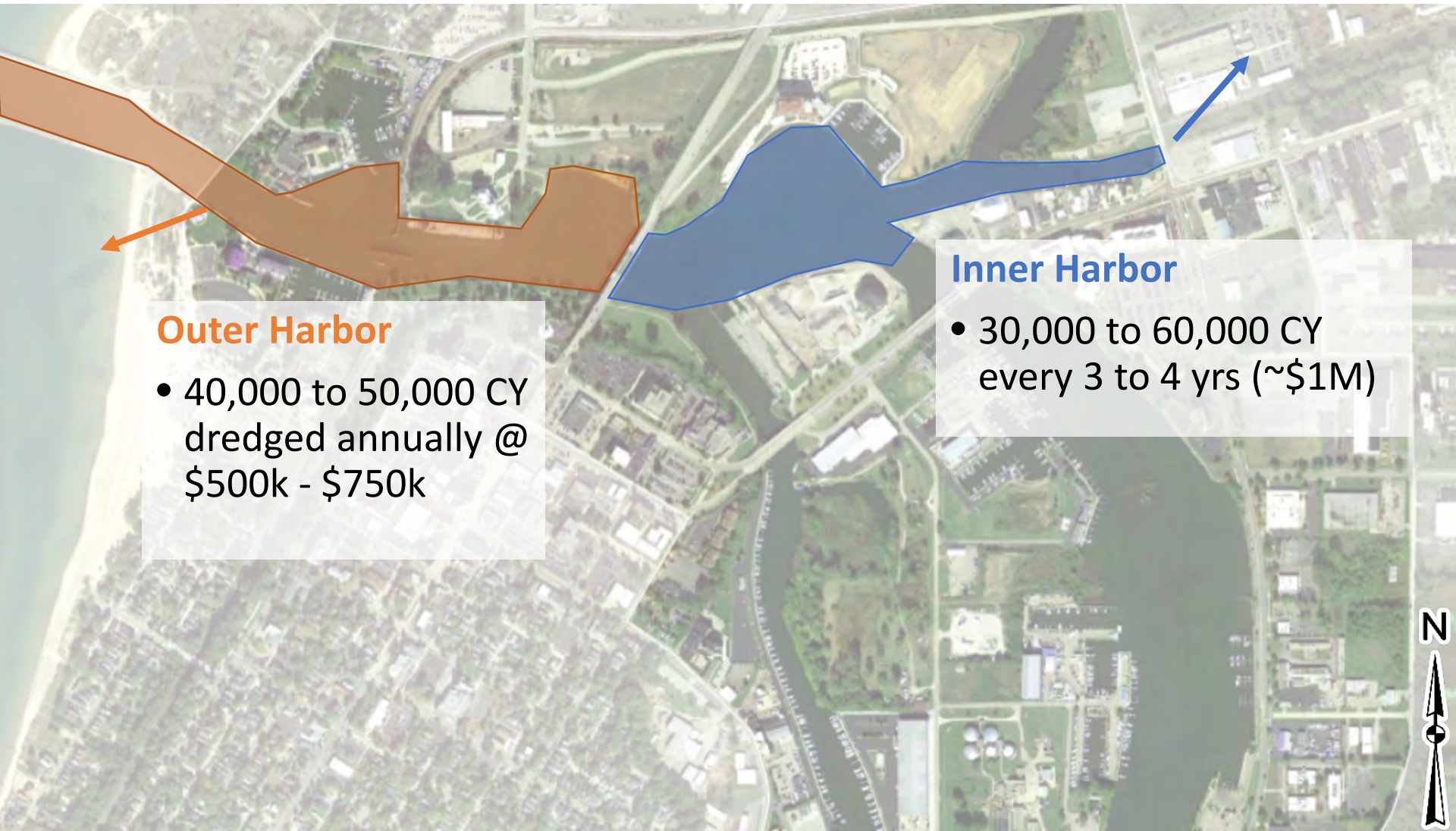
Size



Harbor Facts



Dredging



Outer Harbor

- 40,000 to 50,000 CY dredged annually @ \$500k - \$750k

Inner Harbor

- 30,000 to 60,000 CY every 3 to 4 yrs (~\$1M)

Recreational Boating



\$20 Million

per year

Recreational boating on the St. Joseph River brings about \$20 million into the local economy, but this relies on dredged waterways.

1600

Boat Slips

Few boat slips exist in Benton harbor, and most of the many boat slips in St. Joseph are not within easy walking distance to retail or restaurants – a missed economic opportunity.

35% Out-of-State Seasonal

Most are not walkable.

Only 10

Transient Slips

Private marinas prioritized seasonal slips, so visitors arriving by boat have few dedicated transient slip options in the Twin Cities.

Recreational Boating

\$3,600 Per Year Average
Boat Expenses:



53%

Equipment and Service

Local marinas provide much of this service and sell equipment.



22%

Fuel

On average, a Great Lakes boater spends 23 days annually boating.



17%

Restaurants

The most successful port towns make it easy to walk from boats to restaurants.



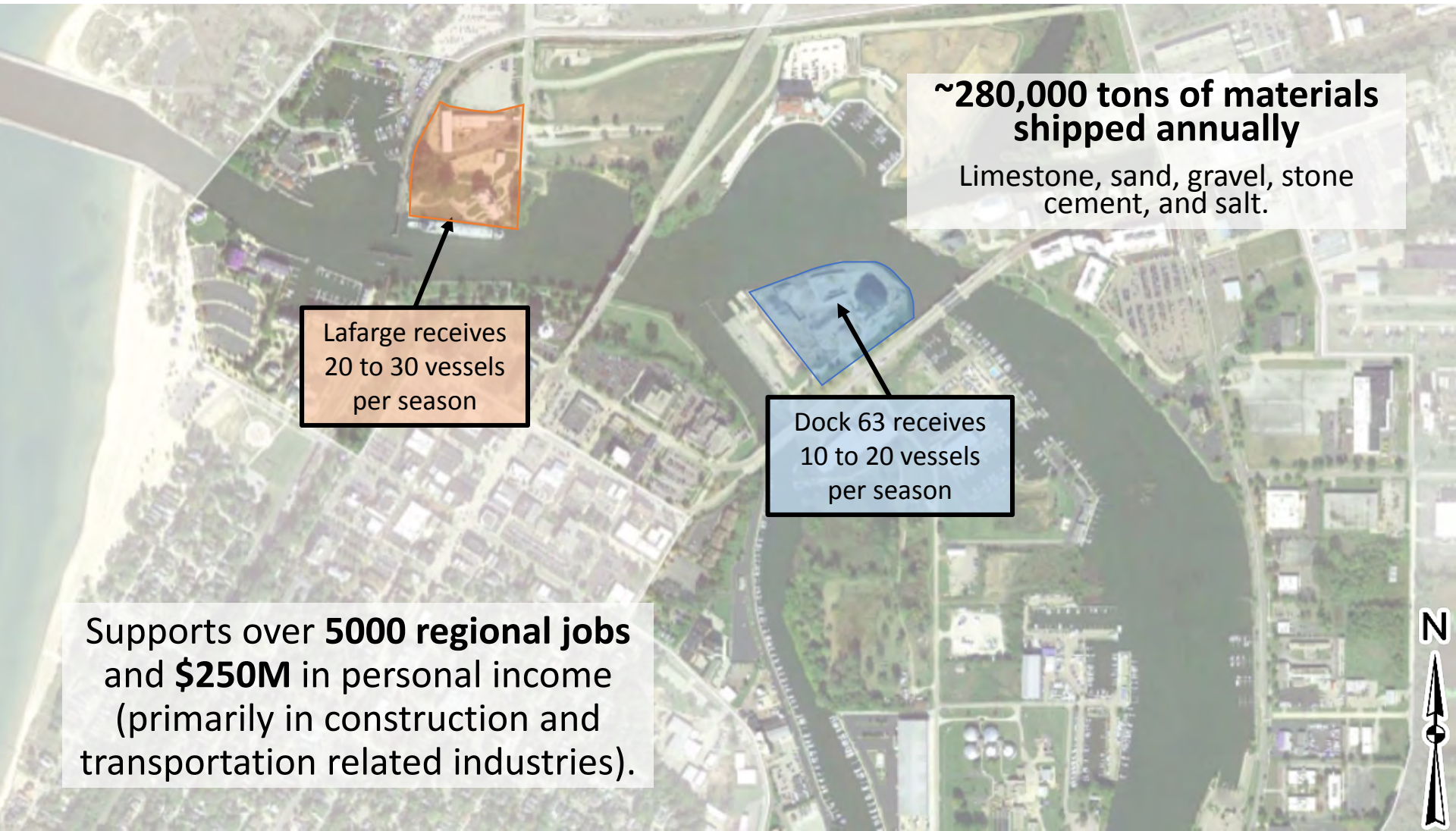
14%

Groceries

Local retailers can benefit if conveniently located near boats slips.

© Andrews University

Commercial Shipping



~280,000 tons of materials shipped annually

Limestone, sand, gravel, stone cement, and salt.

Lafarge receives
20 to 30 vessels
per season

Dock 63 receives
10 to 20 vessels
per season

Supports over **5000 regional jobs**
and **\$250M** in personal income
(primarily in construction and
transportation related industries).

Driving Tour of the Study Area



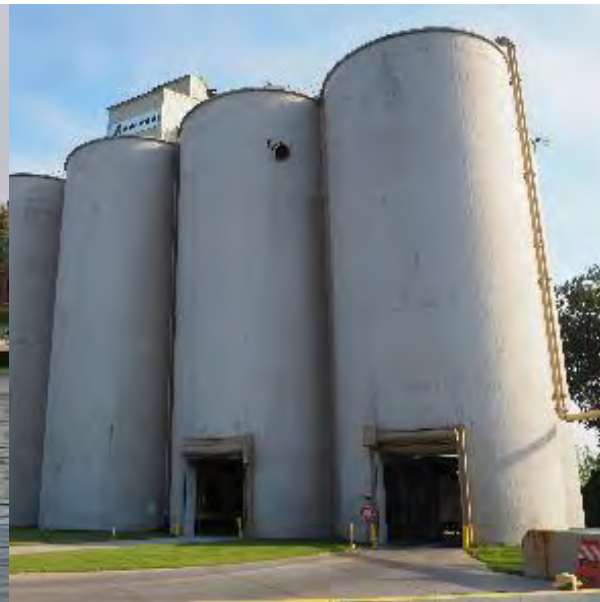
Engagement Strategy

- Tours
- Presentations
- Facebook (@TwinCitiesHarborVC) & Webpage
- Print and Radio Media
- Focus Groups (Neighborhood Associations, Commercial & Recreational Harbor Interests, Environmental, Young Professionals, and Faith Based Organizations)
- Technical Meetings (Parks & Rec Commissions, Planning Commissions, Zoning Boards, DDA/COC)
- Design Charrette

Boat Tour of the Study Area



Commercial Harbor



Twin Cities Harbor Visioning Charrette

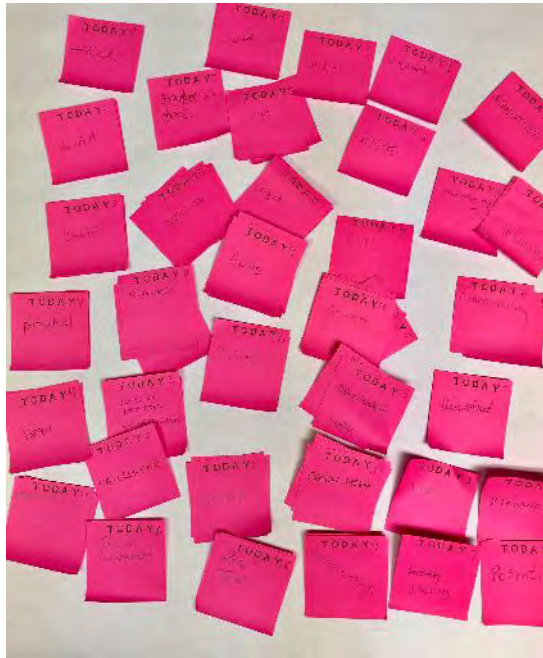
Sept 19th Citizen's Participation Update



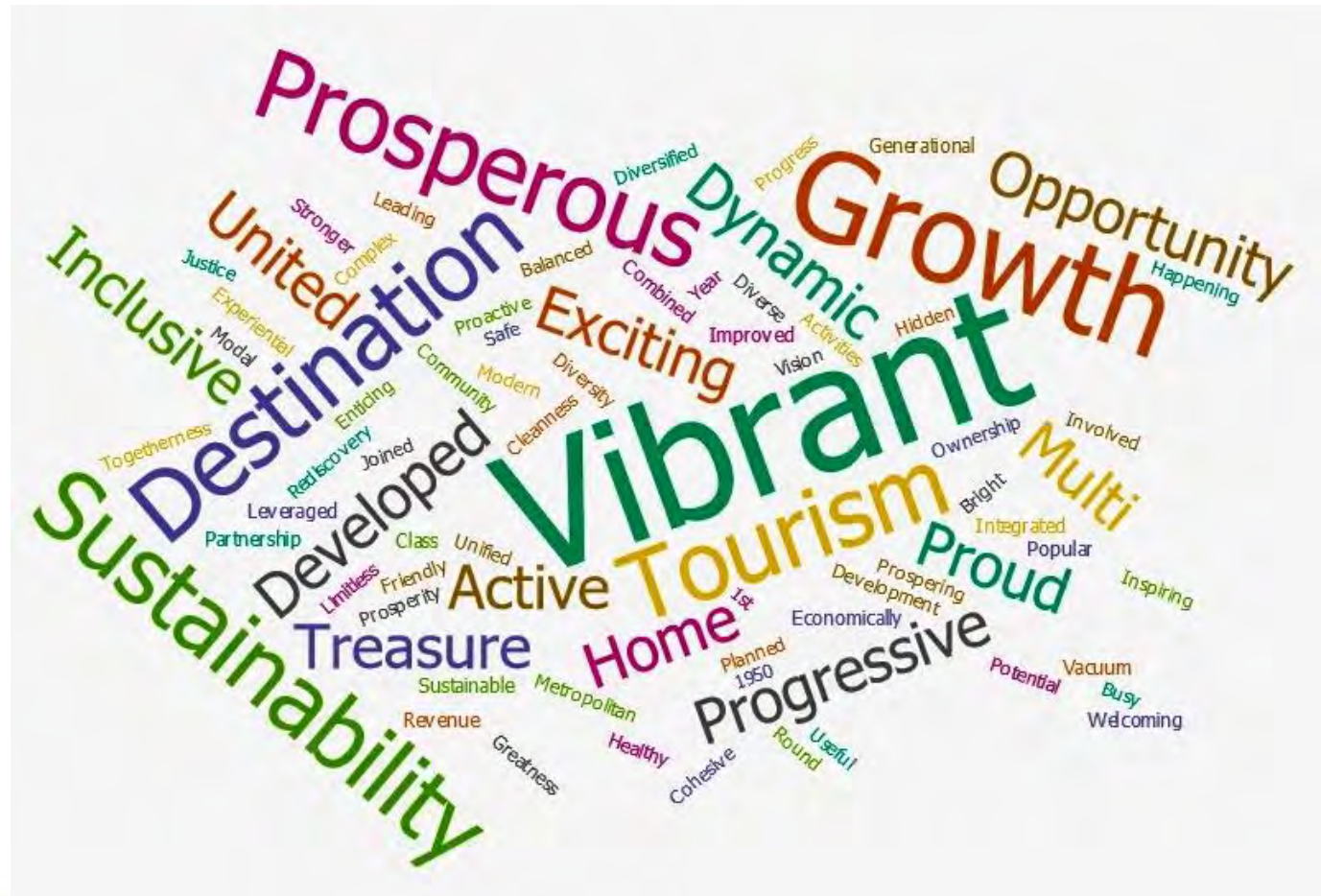
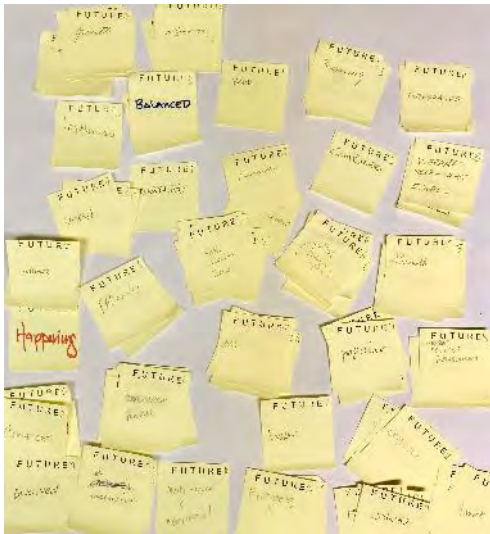
Community Engagement - Sept 19th



One Word to describe your Community Today



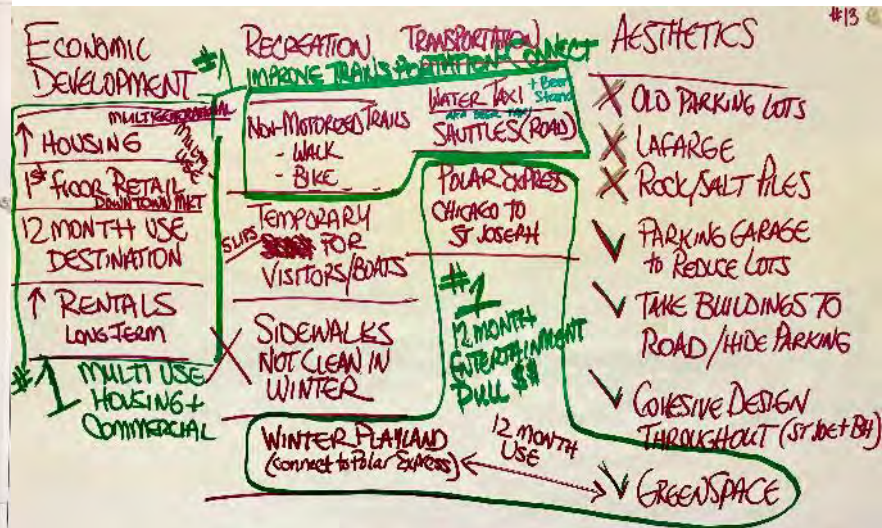
One **Word** to describe your Community in the **Future**



Mapping your Community Exercise



Community Mapped, Assets, Challenges and IDEAS



Top 3 IDEAS for each Table



- ① 1. COORDINATED PLANS
2. MIXED-USE DEVELOPMENT
3. CONNECTIVITY ✓
- ② 1. CONNECTIVITY
2. FOOTPATHS
3. ZONING → UNIFORM
- ③ 1. INTERCONNECTED MULTI-MODAL TRANS...
2. DOCK 63 RELOCATED, REPURPOSE LAND, COMM. & REC WATER USE
3. FUNCTIONAL / SHARED GOV.
- ④ 1. CONNECTED WATERFRONT
2. DESTINATION RETAIL, AMENITIES
3. PUBLIC TRANSIT
4. TRANSPARENCY IN DEV.
- ⑤ 1. CITY OWNED MUNI MARINA
2. CONNECTED RIVER WALK
3. ENTERTAINMENT VENUE
- ⑥ 1. IMPROVE TRANSPORTATION
- WATER TAXI / FLOATING BERG
2. D. and activity center - winter playground
3. MULTI-USE HOUSING COMM. DEV.

- ⑦ 1. CODE ENFORCEMENT
2. WATERFRONT DEV.
3. SOCIO-ECONOMIC DIVERSITY, MORE MID-RANGE HOUSING
- ⑧ 1. CONNECTIVITY (MULTI-MODAL)
2. MORE DESTINATION NODES
3. RE-INVENT CANAL
- ⑨ 1. TWIN CITIES - EQUAL PARTNERS (GOVT)
2. DIVERSE HOUSING FOR RESIDENTS
3. CLEAN ENVIRONMENT
- ⑩ 1. COMPREHENSIVE ZONING
2. MOVE DOCK 63 → MIXED USE DEV.
3. SENT-MUNI-AUTHORITY
PROMOTE TRANSPARENCY IN ALL COMM.

- ⑪ 1. AFRICAN AGRICULTURE CENTER
2. LOOP GROCERY
3. ENTERTAINMENT
- ⑫ 1. WATER TAXI
2. MULTI-MODAL CONNECTIVITY
3. BALANCE OF DEVELOPMENT & PUBLIC SPACE
- ⑬ 1. ENTERTAINMENT VENUE
2. FERRY TO/FROM CHICAGO
3. MARINE TRANSPORTATION HUBS
- ⑭ 1. CONNECTIVITY - ALL MUNICIPALITIES - PLAN & CIRCULATION
2. RELOCATION OF COUNTY PROPERTY
3. MIXED-USE CORRIDORS
- ⑮ 1. WALKING + BIKING IMPROVEMENTS
2. IMPROVE GREENSPACE IMPROVE PORT DESIGN
3. MIXED-USE w/ LANDMARK ARCHITECTURE
- UNIFORM ZONING

Summary of Top IDEAS

1) DEVELOPMENT:

- Diverse Housing, Socio-Economic Diversity, Mid-Income Housing, Multi-Use Housing
- Destination Retail, Commercial Development
- Entertainment Venue
- Waterfront Development
- Mixed-Use Development
- Mixed-Use Corridors
- More Destination Nodes
- Amenities
- Re-Invent Canal
- Cultural Center – African-American
- Co-Op Grocery Store
- Dock 63 – Relocate and Repurpose Land
- Relocate County Buildings
- Year-Round Activity Center – Winter Playland

Summary of Top IDEAS

2) TRANSPORTATION:

- Improve Transportation
- Walking and Bicycling
- Public Transit
- Multi-Modal Transportation
- Marine Transportation Hub
- Water Taxi, Floating Pub
- Ferry to/from Chicago

3) CONNECTIVITY:

- Walkways
- Waterfront
- Riverwalk
- Multi-Modal
- All Municipalities - Plan and Circulation

Summary of Top IDEAS

4) ENVIRONMENT:

- Green Space
- Clean Environment
- Balance Between Development and Public Space
- Community and Recreation Water Use

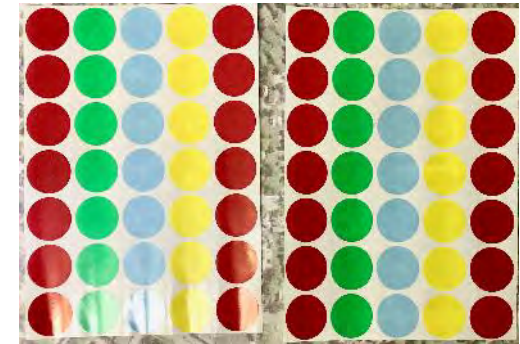
5) GOVERNMENT:

- Zoning – Uniform
- Coordinated Plans
- Functional / Shared Government
- Transparency in Development
- Code Enforcement
- Equal Partners - Joint Municipal Authority
- Promote Transparency in all Communities

VISIONING CHARRETTE – OCT 9

Exercise #1 “Build Your Own”

Twin Cities Harbor Visioning Charrette			
Facilitator Name:	Table #:	Exercise 1:	“Build Your Own”
<u>HOUSING</u>	<u>COMMERCIAL</u>	<u>CULTURE</u>	<u>RECREATION</u>
H Single Family Housing	F Restaurants	A Art / Murals	P Parks / Greenspace
EL Entry Level Housing	R Retail	C Cultural Center	FS Fishing
S Senior Housing	MU Mixed Use	SA Streetscape Amenities (Benches, Lighting, Etc.)	BS Bike Share
A Apartments	G Grocery Store	EV Entertainment Venue	M Marina
T Townhomes	IS Incubator Space (Job Training, Etc.)		TB Transient Boat Slips
CO Condos	CS Commercial Shipping		WH Wildlife Habitat Eco-Restoration
	WT Water Taxi		



Exercise #1 “Build Your Own”

- Starting with Housing, have your table discuss where they believe it is needed.
- Have them add the Yellow Dots on the map. ●
- Using the black marker, mark the Dots with the code to identify the specific type of Housing.
- When completed, move to Commercial using the Red Dots and repeat the process. ●



“Build Your Own” Community



VISIONING CHARRETTE – OCT 9

Exercise 2 – “Connect the Dots”

Exercise #2 “Connect the Dots”

Twin Cities Harbor Visioning Charrette

NUNEZ
DESIGN

Facilitator Name: _____ Table #: _____

Exercise 2: “Connect the Dots”

Facilitators - Use 4 different colored markers to label the following transportation designations below under circulation.

Now that we have mapped out our land plan uses on our map, we will now connect them. Each line will designate a different mode of transportation. Have the participants use the designated color for each specific line, starting with walks & trails and moving on to each mode one at a time. Have them mark on the map where they would want the proposed route to connect the colored dots from exercise 1. Use the connectivity planning color code scheme from your sheet.

Connect the Dots – Connecting assets. Consider pedestrians of all ages and abilities (universal design), cyclists, public transportation, vehicles, and boating using the 4 colored markers designated by its corresponding use on the exercise sheets.

CIRCULATION: Please draw below a color designation for each line using a different color for each line with the 4 markers on your table.

_____ = Walks & Trails

_____ = Bike Lanes

_____ = Water

_____ = Public Transit

Goal: To map out circulation patterns for the different types of modes of transportation.

Time: 30 minutes

Closing: Thank everyone for their valuable input. Invite them and their friends back on October 10th
5 minutes

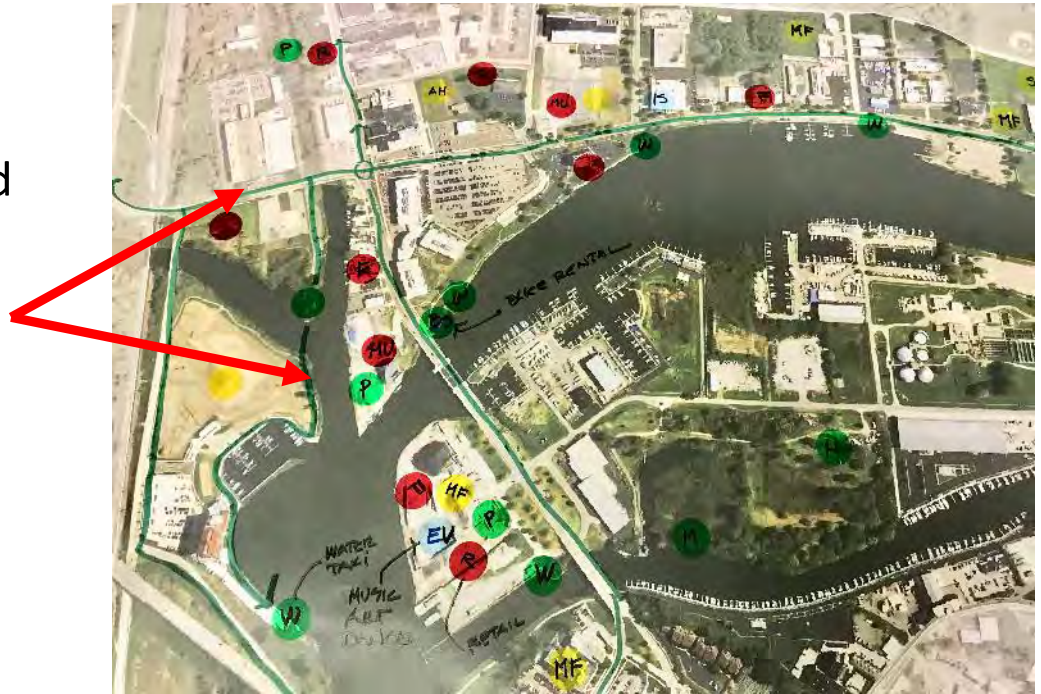
Table Facilitators

Gather all materials from your table to convene in the main meeting room.

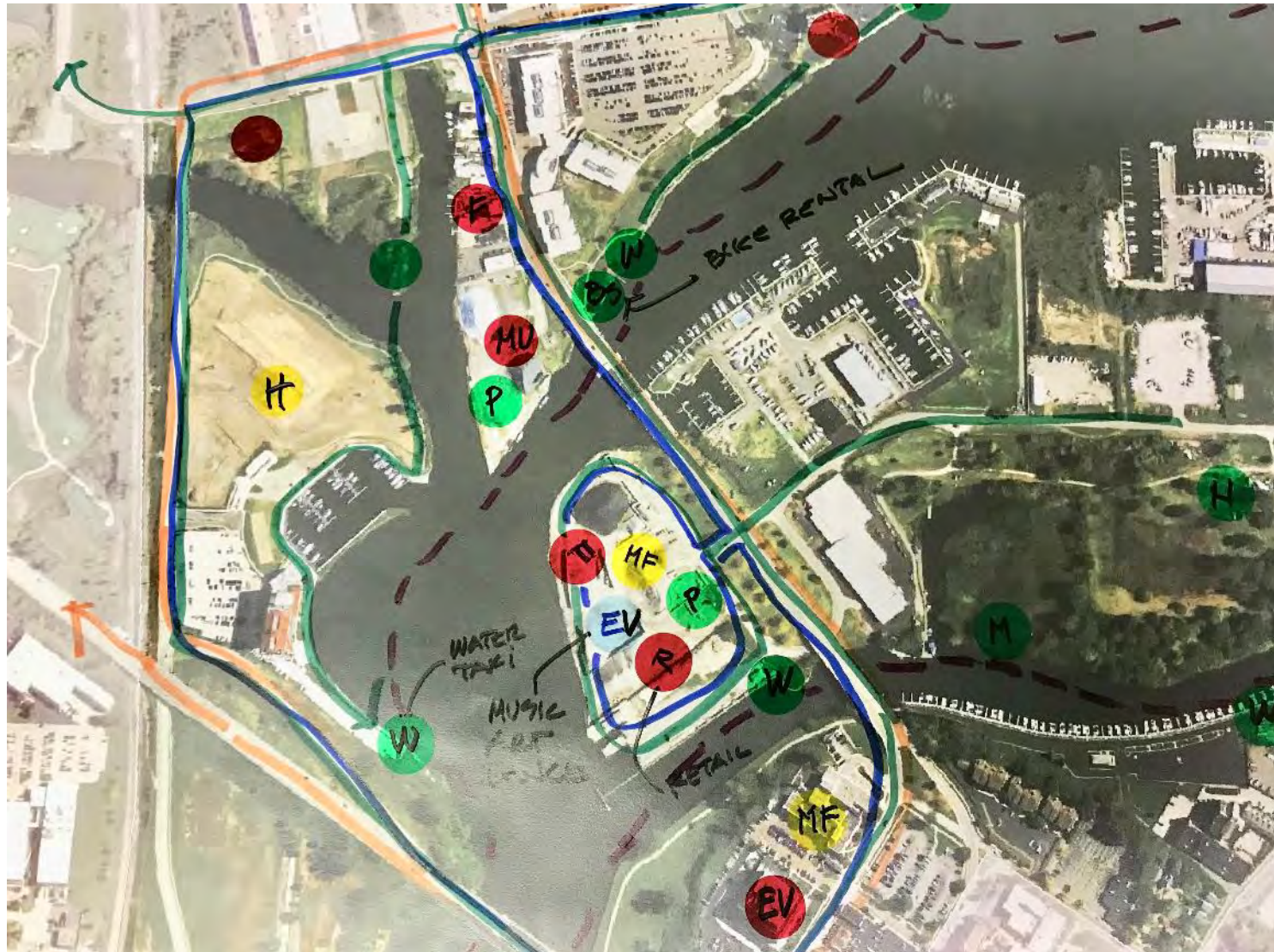


Exercise 2 – “Connect the Dots”

- Starting with Walks & Trail, have your table discuss where they would be needed to connect the land uses.
- Have them take turns to mark the routes on the plan
- Continue to each mode of transportation
- Add notes to the plan as needed.



Circulation Plan



Thank You!

