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GUIDING PRINCIPLES

PREVIOUS PLANS AND GUIDING PRINCIPLES

The City of Muskegon cares about its community. The City has dedicated a lot of time and energy towards visioning and planning. As part of the planning process, the aspirations and directives from previous planning documents were reviewed and consolidated into four themes, each with a goal statement and objectives for achieving the goal. These are our guiding principles. All of the strategies outlined in this document relate to one or more of these themes, and achieve one or more of the objectives.

1997 City of Muskegon Master Plan
1999 City of Muskegon Waterfront Redevelopment Plan
2003 Imagine Muskegon Community Design Workshop
2004 Muskegon Area-wide Plan
2006 Lakeside Business District Redevelopment Plan
2008 Downtown Lakeshore Plan
2014 Lake Michigan Water Trail Plan
2015 Muskegon Form Based Code
2016 Muskegon Lake Vision 2020
2016 Muskegon Parks and Recreation Master Plan
2017 WATCH Muskegon Perceptions Research

SUSTAIN
TO IMPROVE WATER QUALITY, PRESERVE AND ENHANCE NATURAL FEATURES AND BUILD A CONNECTED NETWORK OF GREEN INFRASTRUCTURE

- Filter municipal decision-making through a sustainability lens, recognizing the role the lakes and shoreline play in the advancement of the City
- Restore critical natural features and sensitive habitat areas along Muskegon Lake as well as the adjacent riparian areas
- Preserve the history and character of the shoreline area
- Establish and maintain greenways which provide opportunities that combine direct connection to nature with low impact development and green infrastructure

ADVANCE
TO GROW RESIDENTIAL AND PORT-RELATED INDUSTRY WHILE ENHANCING TOURISM AND RECREATIONAL OPPORTUNITIES

- Allow for a mix of housing opportunities (types and price) near the shoreline, while ensuring views are preserved and water access is maintained or enhanced
- Maintain and support shipping and deep port industries
- Support tourism in all forms by recognizing and promoting port-related and nature-based educational and recreational activities
- Leverage proximity to downtown with shoreline amenities, festivals, recreation opportunities, and employment areas
- Continue to activate the downtown and neighborhood business and entertainment districts by building physical and perceptual relationships between them and the shoreline

CONNECT
TO LINK ALL MODES OF TRANSPORTATION TOGETHER AND ACCESS OUR COMMUNITY'S ASSETS AND OPPORTUNITIES

- Expand access to recreational areas along the shoreline
- Connect the city and her neighborhoods to the shoreline, and connect the shoreline to the city and her neighborhoods, i.e. symbiosis
- Consider existing forms of transportation (bike, walk, bus, trolley, car, boat) and new forms (bikeshare, boat taxi, kayak)
- Create safe, multi-modal connections from the downtown and neighborhoods to the shoreline, and bolster the connection between Lake Michigan and Muskegon Lake
- Incorporate natural connections to the shoreline, including Nicolet Creek, Ruddiman Creek, and the many branches of the Muskegon River
- Enhance signage and wayfinding both in print and digital formats
- Accessible connectivity to the shoreline and beyond

CONVENE
TO RECREATE AND BE ACTIVE ALONG THE SHORELINE

- Ensure pockets of access along the shoreline
- Make the shoreline accessible to residents and visitors alike, all ages and at all times of the year
- Preserve, maintain and accentuate existing access and continue to build new access to the shoreline through existing park facilities, public access easements, and through other city-owned lands
- Increase shore side amenities for visits of varying durations
- Activities include fishing, boating and kayaking (transient and long-term), cruise ships and tourism
- Enhance regional focal point as festival and event destination
**SUSTAIN** icons represented restoration of natural habitat, using green infrastructure, and improving water quality. **ADVANCE** icons represented new development opportunities, employment areas, deep water ports, and expanding recreation opportunities.

**CONNECT** icons represented improved crosswalks, trail connections, new kayak launches, water taxi connections, and water-based activity sites. **CONVENE** icons represented new fishing areas, improved shoreline amenities and activities, better access, new trail heads, and future waterways.

**PUBLIC INPUT PRIORITY MAP**

At the October 30, 2017 design workshop, over 120 participants identified locations where various activities and events could occur. Unlabelled circles represent pins colored by the applicable theme. Comments have been summarized to synthesize and analyze.

The base map included existing public lands and pathways, as well as existing water recreation and shipping facilities to better orient the participant and to enable them to better plan for the future to public spaces within the City and along the shoreline.

**EXIT SURVEY COMMENTS**

- Improve intersection crossings: 11
- Increase public access around Muskegon Lake from various parts of the city: 10
- More walking and bike trails: 8
- Natural landscaping: 5
- Create more shopping and businesses Downtown: 5
- Connect trails to Pere Marquette Park: 4
- Some sort of access across channel: 4
- Relocate Western Avenue to connect with Lakeshore: 3
- Educate public to protect lake: 2
- Extend 1st street through to Terrace Point: 2
- Protected bike lanes on Lakeshore Drive and Western Avenue: 2
- Traffic calming: 2
- Improve McCracken trail head: 2
- Marina for visitors of Muskegon: 2
- Kayaking launches: 2
- Keep Cobb Plant towers (observation deck): 1
- Beach at Windward Pointe: 1
- Connect trails to P.J. Hoffmaster State Park: 1
- Connect trails to Lakeshore trail: 1
- Create beautiful Trailhead Park (ex. Pecksky Clock Tower): 1
- Create outdoor music venue by Grand Trunk Lakeside: 1
- Ensure access to Lake Express to increase tourism/access to Downtown: 1
- Use Richard Park for kayaking/ activity center: 1
- Swimming beach and boardwalk in front of Frinkanos: 1
- Shoreline Drive safety: 1
- Annual bike/walk from park to park to raise money: 1
- Swimming lessons (free): 1
- Harbour Towne beach - add ropes back: 1
- Improve vehicle access to Fisherman’s landing: 1
- Art: 1
- Signage to attractions: 1
- Water taxi that goes to each marina and water front shops/restaurants: 1
- Improve vehicle access to beach: 1
- Create arboretum, aviary, and nature center: 1
- Universal designs: 1
- Greenway at Bledner Creek: 1

**PROJECT PRIORITIES**

**KEY**

- CONNECT - 51%
- CONVENE - 29%
- ADVANCE - 10%
- SUSTAIN - 10%

**IMAGINE MUSKEGON LAKE: INTRODUCTION**
METRICS AND MEASURABLES

The public amenities and facilities situated along Muskegon’s shoreline today should be the minimum standard moving forward. This plan establishes a baseline for the provision of things like public kayak launches, bike lanes, fishing piers and other public facilities along Muskegon Lake. However, the intent of this plan is to allow for flexibility. For instance, if publicly-accessible land along the shoreline is sold or its development rights transferred, other lands must be acquired or enhanced to ensure the thresholds as established by this plan are met. The goal of these metrics is to ensure existing levels of service are maintained and accessibility to the shoreline and activity centers is enhanced with future amenities.

<table>
<thead>
<tr>
<th>METRICS + MEASURABLES</th>
<th>PUBLICLY-ACCESSIBLE LAND ALONG THE WATERFRONT</th>
<th>PUBLICLY-ACCESSIBLE SHORELINE</th>
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<tbody>
<tr>
<td></td>
<td>acres of land held by the City or other public or private entities adjacent to the water with public access easement</td>
<td>linear distance in miles of shoreline held by the City or other public or private entities with public access easement</td>
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<tr>
<td></td>
<td><strong>WHAT WE HAVE TODAY:</strong> 140 acres <strong>OUR FUTURE GOAL:</strong> NO LESS THAN 140 acres</td>
<td><strong>WHAT WE HAVE TODAY:</strong> 4.6 miles <strong>OUR FUTURE GOAL:</strong> NO LESS THAN 4.6 miles</td>
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WHAT THE PUBLIC SAID...

- "Keep and expand public land holdings on Muskegon Lake and expand public access."
- "Love the idea of improving access from neighborhoods and downtown to the lakeshore."

WHAT THE PUBLIC SAID...

- "Need to balance public and private access to the water."

MULTI-USE PATHS & TRAILS

Linear distance in miles of off-street multi-use pathway facilities

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<tr>
<th>WHAT WE HAVE TODAY:</th>
<th>OUR FUTURE GOAL:</th>
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<tr>
<td><strong>ALONG THE SHORELINE</strong></td>
<td><strong>ALONG THE SHORELINE</strong></td>
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<tr>
<td>8.4 TOTAL IN CITY</td>
<td>10.0 TOTAL IN CITY</td>
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WHAT THE PUBLIC SAID...

- "Extend trails to Pere Marquette Park."

BIKE LAKES & PAVED SHOULDERS

Linear distance in miles of on-street bike lanes or paved shoulders (both directions)

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<tr>
<th>WHAT WE HAVE TODAY:</th>
<th>OUR FUTURE GOAL:</th>
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<tr>
<td><strong>2.4 MILES</strong></td>
<td><strong>8.0 MILES</strong></td>
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WHAT THE PUBLIC SAID...

- "More connectivity and safer streets including bike lanes."
**HARTSHORN BOAT SLIPS**
Number of municipally-owned boat slips for lease, for transient use, or mooring slips at Hartshorn

- **What we have today:** 150 (32 transient, 50 mooring, and 68 for lease)
- **Our future goal:** 225 (75 transient, 75 mooring, and 75 for lease)

**What the public said...**
"Build transient boat docks and fuel tanks downtown and at Hartshorn."

**TRANSIENT DOCKS**
Linear distance in feet of public transient dock space

- **What we have today:** 160’ (at Harbor St)
- **Our future goal:** 480’ (at 3 additional locations and Hartshorn Marina)

**What the public said...**
"Stopper docks will provide additional way for tourists to get into the city."
"We need a downtown waterfront to facilitate boats visiting the downtown area."

**FISH CLEANING STATIONS**
Number of fish cleaning station facilities

- **What we have today:** 1 station
- **Our future goal:** No less than 3 stations

**What the public said...**
"Several other lakeshore communities have multiple fish cleaning spots. Why only one here?"

**SWIMMING BEACHES**
Number of designated, publicly-accessible sandy swimming beaches

- **What we have today:** 2 beaches
- **Our future goal:** No less than 3 beaches

**What the public said...**
"We’ve put so much time into cleaning up Muskegon Lake, let’s use it!"

**WATERCRAFT LAUNCHES**
Number of boat and kayak launches at city parks

- **What we have today:** 4 boat launches, 5 kayak launches
- **Our future goal:** 5 boat launches (1 new at Hemlock Park), 8 kayak launches (1 new)

**What the public said...**
"More kayak launches need to be like the new one at Rotary Park."

**FISHING PIERS**
Number of designated, improved locations open to the public for fishing

- **What we have today:** 2 piers
- **Our future goal:** 5 piers

**What the public said...**
"There are many members of the community rely on catching fish in Muskegon Lake for their diet."

**COMPLETE DOWNTOWN INTERSECTIONS**
Number of intersections connecting to the waterfront from downtown, with the following: sidewalks on all sides of the road, striped crosswalks on all sides, and ADA-compliant curb cuts within 1/4 mile of shoreline

- **What we have today:** 6 complete intersections
- **Our future goal:** 10 complete intersections

**What the public said...**
"I love intersection changes to be more pedestrian-friendly!"

**WATERFRONT DEVELOPMENT**
In general, the amount of private development along the Muskegon Lake shorelines

- **What we have today:**
- **Our future goal:**

**What the public said...**
"So much of the lakeshore is underutilized."
"We can’t have more of the same development in Muskegon. Time for something new and innovative."

**IMAGINE MUSKEGON LAKE: INTRODUCTION**
6 SUB-AREA DESIGN DISTRICTS

- MUSKEGON LAKE
- SUB-AREA DESIGN DISTRICTS

- CHANNEL DISTRICT
- BLUFFTON DISTRICT
- LAKESIDE DISTRICT
- WESTERN WATERFRONT DISTRICT
- CENTRAL WATERFRONT DISTRICT
- PORT INNOVATION DISTRICT

IMAGINE MUSKEGON LAKE: INTRODUCTION
Pere Marquette beach is Muskegon’s shining jewel and most popular public park. With miles of unprogrammed shoreline, the recreational opportunities are endless. The ovals are a major node of activity, and a strong point for enhancement. The proposed pedestrian street, temporary shops and cottages, bike rental and expanded restaurant space build on the draw of the beach and highlight the existing amenities, like the lighthouse and playgrounds.

**THE CHANNEL DISTRICT**

Illustrative Plans depict one potential redevelopment scenario in order to convey the Imagine Muskegon Lake Master Plan vision. The Plan recognizes that redevelopment may take various forms along the lakeshore and intends to provide the flexibility for future redevelopment as opportunities and market dynamics shape the development pattern.
BEACH STREET + LAKESHORE DRIVE RECOMMENDATIONS

1. Construct round-a-bout at Beach Street and Lakeshore Drive intersection to alleviate beach traffic congestion on busy days, manage traffic flow, and slow down traffic.

2. Connect non-motorized path (Lakeshore Trail) with enhanced street crossing using artistic or painted crosswalk at Beach Street crossing.

3. Place sculpture, signage, or terminated vista element to orient people using the round-a-bout and to act as a potential gateway to the Lake Michigan shoreline.

4. Plant street trees to provide spatial enclosure, mark an important intersection, reduce traffic speeds, and make the pedestrian experiencing more charming.

5. Enhance street edges with native plantings and dune grass at beach/sand area to build sustainable and connected natural landscapes while lightening gateway aspects as drivers enter the lakeshore area, protecting the fragile beachscapes.
TANK FARM SITE

Once remediated, the former tank farm site offers great opportunity for a multitude of uses. As an extension of the neighborhood fabric and existing greenway, this site becomes an ideal location for sustainable public access to Muskegon Lake. After a comprehensive rehabilitation of the land, the former industrial site will provide passive recreational trails and active water recreational spaces, in addition to the carefully placed low density housing which hugs the hillsides and activates the park.

Illustrative Plans depict one potential redevelopment scenario in order to convey the Imagine Muskegon Lake Master Plan vision. The Plan recognizes that redevelopment may take various forms along the lakeshore and intends to provide the flexibility for future redevelopment as opportunities and market dynamics shape the development pattern.
WESTERN WATERFRONT ACTIVITY CENTER
ILLUSTRATIVE: VISION PLAN

Imagine Muskegon Lake: Western Waterfront District

Illustrative Plans depict one potential redevelopment scenario in order to convey the Imagine Muskegon Lake Master Plan vision. The Plan recognizes that redevelopment may take various forms along the lakeshore and intends to provide the flexibility for future redevelopment as opportunities and market dynamics shape the development pattern.
THE MART DOCK ACTIVITY CENTER ILLUSTRATIVE: VISION PLAN

Illustrative Plans depict one potential redevelopment scenario in order to convey the Imagine Muskegon Lake Master Plan vision. The Plan recognizes that redevelopment may take various forms along the lakeshore and intends to provide the flexibility for future redevelopment as opportunities and market dynamics shape the development pattern.

IMAGINE MUSKEGON LAKE: WESTERN WATERFRONT DISTRICT

MASTER PLAN REVIEW

WILLIAMS & WORKS | NEDERVELD
CENTRAL WATERFRONT DISTRICT

MASTER PLAN REVIEW

- CENTRAL WATERFRONT DISTRICT
- MASTER PLAN REVIEW
- HABITAT RESTORATION
- ENHANCED OVERLOOK [PUBLIC OVERLOOK, ENHANCED FISH HABITAT, PEDESTRIAN ACCESS]
- FUTURE ACTIVITY CENTER [HIGH DENSITY, MIXED USE DEVELOPMENT & LAND-BASED WATERFRONT ACTIVITY]
- CRUISE SHIP DOCKS
- TRANSIENT DOCKS
- TERRACE POINT MARINA
- BEACH BARGE
- MART DOCK
- PORT CITY PRINCESS
- POTENTIAL DOWNTOWN CONVENTION CENTER
- FISHERMAN'S LANDING
- VERPLANK DOCK CO.
- KEY CONNECTOR [RICHARD'S PARK TO DOWNTOWN]
- SMITH RYERSON PARK EXPANSION [PEDESTRIAN TRAIL ACCESS, PASSIVE RECREATION AREA, BROWNFIELD RECLAMATION]

IMAGINE MUSKEGON LAKE

WILLIAMS & WORKS       NEDERVEILD
Illustrative Plans depict one potential redevelopment scenario in order to convey the Imagine Muskegon Lake Master Plan vision. The Plan recognizes that redevelopment may take various forms along the lakeshore and intends to provide the flexibility for future redevelopment as opportunities and market dynamics shape the development pattern.
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IMAGINE MUSKEGON LAKE: CENTRAL WATERFRONT DISTRICT
PORT INNOVATION DISTRICT

RICHARDS PARK

Richards park is tucked away on the Northeastern shores of Muskegon Lake. Flanked by the Muskegon River, this park provides multiple points of public access to the water. Through the reconfiguration of the pedestrian and vehicular circulation, this park begins to create complete connections and define rooms within the greater whole. Water sports enthusiast are driven to the South, active recreationists seek the walking paths, trails and disc golf course to the west, and the eastern edge offers refuge to passive activity. It is this unique combination of amenities that can create a draw to Richards Park and connect patrons to the water.

IMAGINE MUSKEGON LAKE: PORT INNOVATION DISTRICT
IMPLEMENTATION STRATEGIES: THE CHANNEL DISTRICT

SUSTAIN
- Adopt a Critical Dune Overlay ordinance.
  - Critical dune oversight is returned to City of Muskegon.

SUCCESS METRIC
Submit Critical Dune Overlay ordinance to Michigan DEQ for review and approval.

ADVANCE
- Utilize unique topographic conditions (height and proximity to water) to enable context sensitive development.
  - Ordinance amendment is adopted.

SUCCESS METRIC
Amend the City’s zoning ordinance to include a building height overlay along Nelson Street that allows increased height with a 3rd story step back and gables oriented toward the water, as well as allowing for temporary buildings within the Ovals to support beach-related activities as a means of enhancing and prolonging the summer season.

CONNECT
- Formalize the bike pathway connection through Pere Marquette Park and connecting to Harbour Towne Beach.
  - Install pavement markings and wayfinding, as well as trailhead amenities at Lighthouse Park to demarcate the end/beginning of the multi-use path system.
  - Route maps are updated, wayfinding signs placed, and bike repair station installed.
  - Study the feasibility of a non-motorized transportation connection between Muskegon State Park and Pere Marquette Park.
  - Convene a meeting of the DNR, City of Muskegon, Army Corps of Engineers, West Michigan Shoreline Regional Development Commission and officials representing the Port of Muskegon. Establish a “Channel Transportation Committee” to design a process to study the feasibility of a non-motorized connection.
  - Joint meeting occurs followed by the formation of a committee to complete a feasibility study.

CONVENE
- Enhance Harbour Towne Beach to include ADA accessible kayak launch, transient boat docks and fishing.
  - Amend the City’s Parks and Recreation Master Plan to include park enhancement projects and apply for Department of Natural resource funding.
  - Updated 5-year Parks and Recreation Master Plan adopted and approved by the DNR. Applications for grants are submitted, which may include: DNR Trust Fund Development grants, Land and Water Conservation Fund, Recreation Passport grant, Boating Infrastructure Grant, and the Recreation Trails Program grants.

IMAGINE MUSKEGON LAKE: THE CHANNEL DISTRICT
IMPLEMENTATION STRATEGIES: THE BLUFFTON DISTRICT

**SUSTAIN**
Preserve critical dune land through local planning and zoning regulations.

**SUCCESS METRIC**
Audit zoning ordinance to determine whether adequate protections are in place for protecting dunes, while offering creative zoning solutions to cluster development.

Zoning Ordinance Audit for critical dune and shoreline development incentives.

**CONNECT**
Relocate multi-use trail from Lakeshore Drive to an off-street facility.

Work with Windward Pointe development team to place multi-use path internal to the redevelopment site.

**SUCCESS METRIC**
Multi-use path to extend into Windward Pointe, with temporary bollards or other techniques utilized to provide better separation between the vehicular travel lane and existing on-street bike lane. Note that due to varying development and construction schedules, pursue temporary off-street alignment versus waiting until development is complete.

**ADVANCE**
Support the redevelopment of sites along Muskegon Lake through zoning provisions that encourage a diverse mix of housing types.

**SUCCESS METRIC**
Amend the City’s zoning ordinance to include incentives for public access along the shoreline, for example increased building height, expedited review, waived submittal fees or waived utility hook-up fees.

Ordinance amendment is adopted.

**CONVENE**
Enhance Cottage Grove boat launch, and connect launch to bike pathway system. Utilize launch site as future bike share and water taxi connection point.

**SUCCESS METRIC**
Redesign launch site to include space for bike share and water taxi, provide wayfinding and other amenities such as bike repair.

Public boat launch includes ADA accessible kayak launch, as well as bike facilities including bike share docking, bike repair, and wayfinding.
IMPLEMENTATION STRATEGIES: THE LAKESIDE DISTRICT

**Sustain**
Utilize McGraft Park as a greenway connection from the Lakeside, Nims, and Glenview neighborhoods to Muskegon Lake and connecting to the former tank farm site across Lakeshore Drive.

- Complete design plan for the connection to the former tank farm site, including an update of the City’s Parks and Recreation Master Plan. Seek DNR development grant for implementation.
- Preliminary design concepts are complete for the greenway connection to the former tank farm site, grant request submitted to DNR and Coastal Zone Management program for project implementation.

**Advance**
Implement traffic calming and public realm beautification along Lakeshore Dr. through the Lakeside Business district to create a walkable, safe and business-friendly corridor. Explore the potential for a form-based code to be implemented guiding new development in the district.

- Redesign Lakeshore Drive with on-street parking, bulb-outs and potentially widened sidewalks.
- Lakeside business owners have mutual understanding about shared parking within the district, which supports a park-once, walkable business district. The redesign is to be permitted followed by the development and adoption of a Form-Based Code.

**Connect**
Consider and plan first-mile/last-mile connections that include bike share, water taxi, and pedestrian walkways that connect the Grand Trunk Launch, Lake Express Ferry, and McGraft Park to the multi-use path.

- Begin with tactical and temporary enhancements that demarcate pedestrian connections from boat launch areas to the multi-use path and the Lakeside business district. Remove chain link fences because they are not welcoming or inviting along prime waterfront areas. Conduct a bike share and water taxi feasibility study that includes a business plan and financial strategy.
- Fencing removed, pathways demarcated (through physical and artistic means) and feasibility studies completed.

**Convene**
Pursue the greenway extension across Lakeshore Drive utilizing the former tank farm site (1490 Lakeshore Drive) and adjoining properties (1296, 1300, 1854, 1882, and 1737 Lakeshore Dr.) as public waterfront resources for new marina, kayak launch, fishing areas, and trail/field, and as development opportunity sites.

- Pursue local, state and federal grants to restore natural shoreline conditions at former tank farm site for public use and access.
- Submit request for coastal zone management grant for the revitalization of the urban waterfront and increasing recreational opportunities along Muskegon Lake, connecting to Lake Michigan. Submit grant.

**Imagine Muskegon Lake: The Lakeside District**
IMPLEMENTATION STRATEGIES: WESTERN WATERFRONT DISTRICT

**SUSTAIN**
Utilize Beider Creek as a greenway connection from the Nims and Nelson neighborhoods to Heritage Landing. Pursue daylighting the creek and using it as an educational resource about stormwater management.

**SUCCESS METRIC**
Map and survey creek area to gather list of adjacent property owners, then meet with WMSRDC and the City Engineer to discuss and determine process for daylighting creek once the extent and impact is known to adjacent owners.

Mapping of creek, and meeting with stakeholders occurs. Concept plans for daylighting creek prepared and included in Parks and Recreation Plan.

**ADVANCE**
Improve walkway and circulation from Western Avenue southwest to Lakeshore Drive.

**SUCCESS METRIC**
Place temporary, movable planters to direct vehicular traffic to Franklin south to Michigan, and Michigan west to Lakeshore. The planters would be decorative, serve to identify the “Western Waterfront District” and provide motorists and others with clear directions to Lakeshore drive, beaches and the Lakeside district.

Temporary planters and improved signage, including pavement markings are installed.

**CONNECT**
Immediately begin design development and engineering for four-way crosswalks, refuge islands, and the tightening of curb radii at 3rd, 5th, 7th, 9th the Dog Park driveway, and Division streets. Priority intersections are 3rd, 7th and 9th; however, all intersections need to be redesigned and reconstructed.

Meet with MDOT and the City’s Planning and Engineering departments to finalize a design for the comprehensive intersection improvement project. The project includes the restoration of complete streets and safe intersections according to this Imagine Muskegon Lake Plan. These intersections will incorporate pedestrian-first strategies and solutions to connect the downtown business and entertainment district to the waterfront. This is an not only a safety priority, but an economic development strategy.

Downtown to waterfront intersections are reconstructed.

**CONVENE**
Enhance Heritage Landing by restoring fishing areas, increase the number of transient docks at Harshorn Marina by 20% and add shore-side support facilities for kayaks and boaters including lockers, convenience retail, and bike repair stations.

Amend the City’s Parks and Recreation Master Plan to include park enhancement projects and apply for Department of Natural Resource funding.

**SUCCESS METRIC**
Updated Parks and Recreation Master Plan adopted and approved by the DNR. Applications for grants are submitted, which may include: DNR Trust Fund Development grants, Land and Water Conservation Fund, Recreation Passport Grant, Boating Infrastructure Grant, and the Recreation Trails Program grants.
IMPLEMENTATION STRATEGIES: CENTRAL WATERFRONT DISTRICT

SUSTAIN
Utilize Ryerson Creek and Green Acres park as a greenway connection from the Jackson Hill neighborhood to Marquette crossing connecting to Ottawa Street, linking Richard’s Park and Fisherman’s Landing.

Meet with MDO, WMSRDC and the City Engineer to discuss ways to restore the grid network and reconnect the Jackson Hill neighborhood to its waterfront.

SUCCESS METRIC
Preliminary design concepts for an improved intersection at Marquette and Shoreline Drive (BR 31) are prepared. Road work is included in the Transportation Improvement Program.

CONNECT
Connect the Jackson Hill neighborhood to the shoreline using Marquette as the primary east-west connection, with a major intersection repair at Marquette Avenue and Shoreline Drive. Reconstruction of Ottawa Street to include sidewalks and improved streetscape to encourage easy walking and biking connections between the local parks and green spaces.

Meet with MDO, the City’s Planning and DPW departments and the Jackson Hill neighborhood to finalize a design for Marquette Avenue and Shoreline Drive and Ottawa Street improvements. Add the projects to the City’s Capital Improvements Plan.

SUCCESS METRIC
Marquette Avenue intersection has been reconstructed and Ottawa Street includes continuous sidewalks and clearly delineated crosswalks from Giddings north to Richard’s Park.

ADVANCE
Support mixed use development at Harbor 31 and Mast Dock with public access to shoreline areas.

Amend the City’s zoning ordinance to include incentives for public access along the shoreline, for example increased building height, expedited review, waived submittal fees or waived utility hook-up fees.

SUCCESS METRIC
Ordinance amendment is adopted.

CONVENE
Enhance both Richard’s Park and Fisherman’s Landing to include a trailhead with signage, restrooms, kayak launches, fish cleaning and a spur from the bike pathway into Richard’s Park.

Amend the City’s Parks and Recreation Master Plan to include a park enhancement projects and apply for Department of Natural Resources funding.

SUCCESS METRIC
Updated Parks and Recreation Master Plan adopted and approved by the DNR. Applications for grants are submitted, which may include: DNR Trust Fund Development grants, Land and Water Conservation Fund, Recreation Passport grant, Boating Infrastructure Grant and the Recreation Trails Program grants.
IMPLEMENTATION STRATEGIES: PORT INNOVATION DISTRICT

**SUSTAIN**
Implement habitat restoration program in conjunction with WMRRDC.

**SUCCESS METRIC**
Conduct natural feature inventory to determine location and types of resources.

**ADVANCE**
Invest in infrastructure to support expanded port activity including container shipping, expanded freight activity, and attracting new manufacturing and agricultural activity to the region.

**SUCCESS METRIC**
Conduct a feasibility study for the creation of a Waterfront Tax Increment Financing District, PA 94 of 2008. Eligible activities include water resource improvements, such as elimination of the causes and proliferation of aquatic nuisance species, replacement of sewer and stormwater systems, and dredging activities.

**CONNECT**
Design and construct bike pathway spur into Veteran’s Memorial Park, which is currently unaccessible to the bicycling or walking public.

**SUCCESS METRIC**
Meet with MDOT, the City’s Planning and DPW departments, and West Michigan Veteran’s, Inc. to discuss options for connecting the bike pathway across the Causeway and into the southern portion of the park. These improvements would include, at a minimum, a barrier-free crossing and signage.

**CONVENE**
Bike pathway spur is designed, and permits are secured to cross the Causeway and connect to Veteran’s Memorial Park.

**SUCCESS METRIC**
Bike facility signs, rack and repair station are in place, and all City non-motorized pathway maps are updated.
IMAGINE MUSKEGON LAKE FINAL PLAN REVIEW

Lynée Wells AICP, Williams & Works
Mark F. Miller AIA AICP, Nederveld

QUESTIONS OR COMMENTS