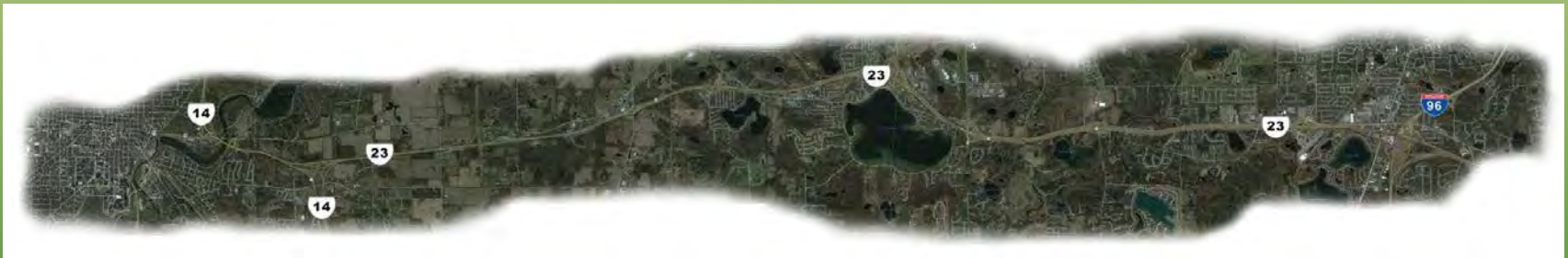


US-23 ATM

Aesthetics Themes Development

Stakeholders' Meeting

**US-23 Corridor - US-23/M-14 to Silver Lake Road
Livingston and Washtenaw Counties**



**NORTHFIELD TOWNSHIP HALL
8350 MAIN STREET
WHITMORE LAKE, MI 48189**

October 5, 2015

Presenters

Lynne Kirby, PE - MDOT

Jack Rick, PE - MDOT

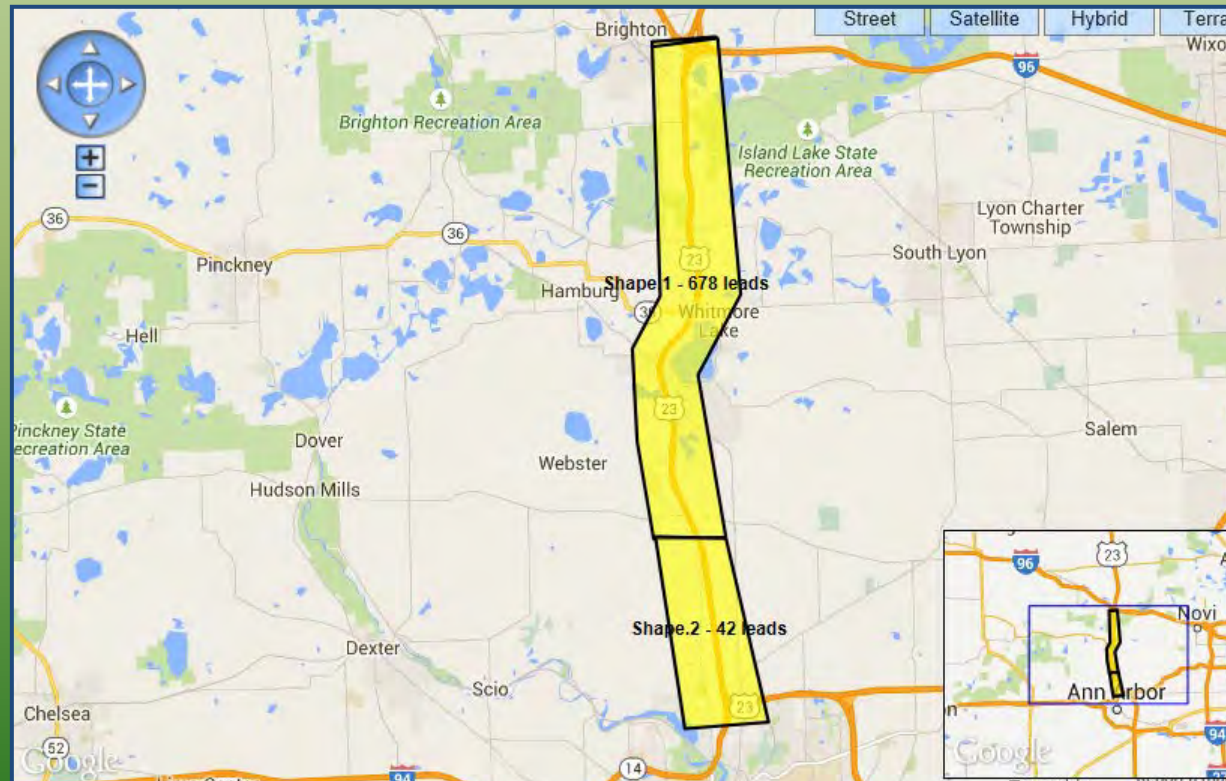
Regine Beauboeuf, PE - Parsons

- Agenda
 - Project Goal
 - Project Presentation
 - Project Aesthetic Objectives
 - Presentation of Aesthetic Themes
 - Stakeholders' Inputs
 - General Discussion
 - Next Steps

- **Project Goal**
 - The US-23 ATM project is planned to address the operational efficiency, community transportation needs, and ensure the project contributes to the community's character and value in to the future.

- Project Limits

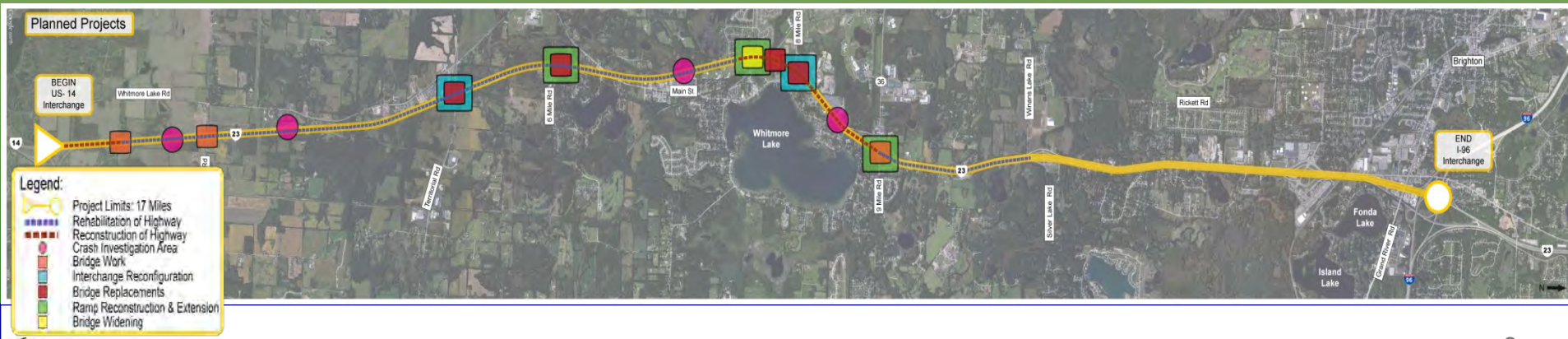
- US-23 Corridor - US-23/M-14 to Silver Lake Road
Livingston and Washtenaw Counties



■ Proposed Improvements

■ The US-23 ATM project

- Intelligent Transportation Systems
- Improvements to existing ramps
- Widening and reconstruction of existing bridges
- Implementation of wider shoulders to carry traffic during peak hour
- Crash investigation sites

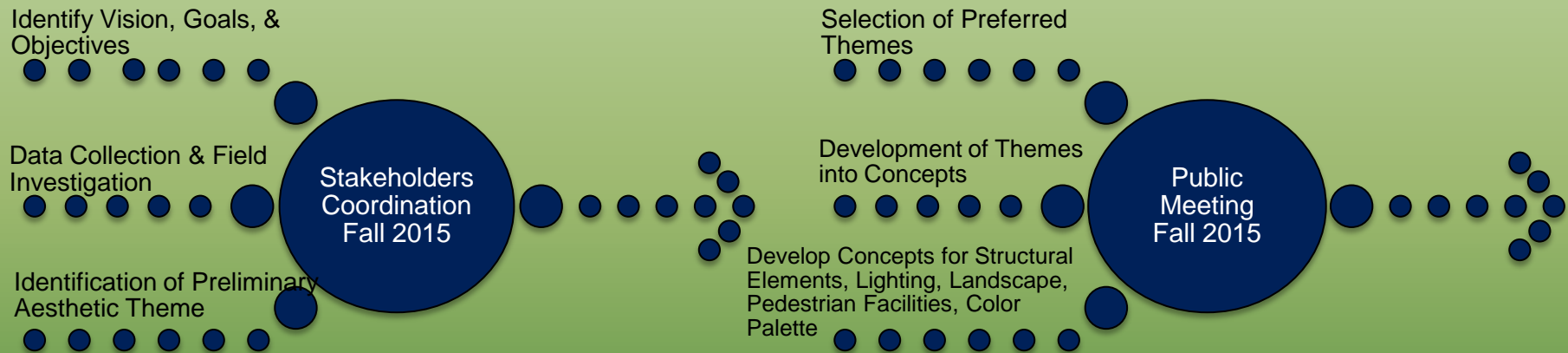


■ Project Aesthetic Objectives

- Implement community-specific themes and/or aesthetic elements and materials compatible with existing City and Township aesthetic improvements and themes
- Develop a natural landscape theme for the entire corridor
- Integrate newly designed structures within the proposed aesthetics
- Improve and expand pedestrian crossing, trail and pathway access to existing area facilities
- Work to harmonize input from different stakeholders, MDOT and other designers to arrive at reasonable, feasible and practical alternatives



■ Scope & Schedule



■ Scope & Schedule (Cont.)

Identification of a Preferred Concept



Development of Aesthetic Guidelines



Stakeholders Notification of Community Preferred Concept



- Data Collection

- Guiding Documents

- US-23 Environmental Assessment

- Various online websites on the history and culture of Livingston and Washtenaw Counties

- Field Visits

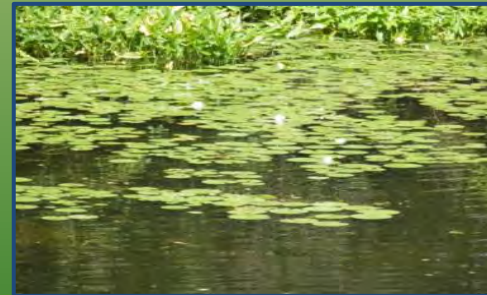
- August 13-15, 2015

- Public and Stakeholders comments



■ Analysis Process

- Documentation of the general context along the corridor
- Identification of unique characters of different zones within the corridor
- Range of project themes developed based on the character of the different zones and on the need to provide consistency throughout the corridor



- Characteristics of US-23 Corridor
 - Four Zones
 - Suburban District Zone
 - Lake District Zone
 - Rural District Zone
 - Gateway to Ann Arbor Zone



Theme 1: Agriculture

- Elements for the Agricultural Theme:
 - Structural forms imitate regular patterns and are used in a rhythmic manner
 - Emphasis on arrangement of materials to appear orthogonal, rectilinear, or geometric



Theme 1: Agriculture (Cont.)

- Elements for the Agricultural Theme:
 - Materials, textures, and forms create hard edges, smooth surfaces, and clean appearances
 - Built forms look mechanized and ordered



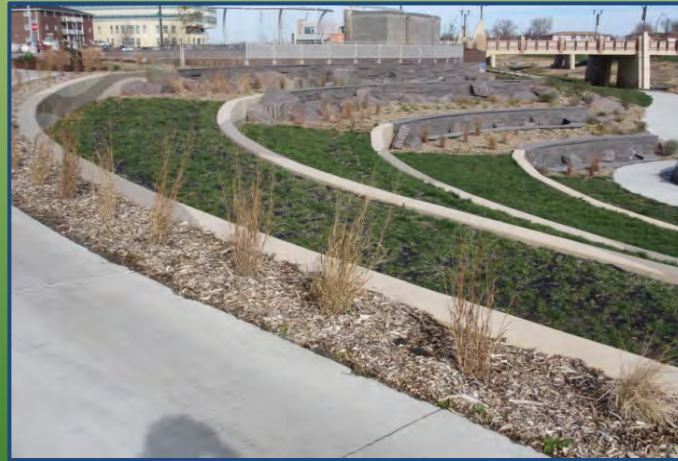
Theme 1: Agriculture (Cont.)

- Elements for the Agricultural Landscape Style:
 - Regular patterns of linear plantings interwoven with sculpted landforms or structural elements
 - Side slopes to sculpt landforms in regular geometric solids
 - Stormwater channels and retention/detention ponds to be naturally lined, but with rectilinear organization and clean slopes



Theme 1: Agriculture (Cont.)

- Elements for the Agricultural Landscape Style:
 - Plantings organized with the creation of small groves
 - Large shade trees and evergreens placed to represent wind breaks along the open fields but used as visual screens



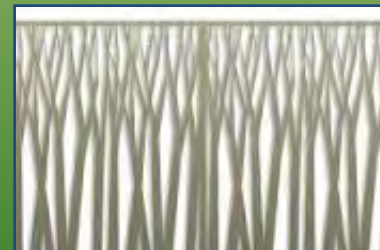
Potential Color Palettes Agriculture



Theme 2: Woodlands Description of Woodlands

Theme Structural Elements:

- Materials, textures and forms are organic
- Land forms blend with structural elements
- Structural features are patterned
- Color palettes include earth tones



Theme 2: Woodlands (Cont.)

- Description of Woodlands Theme Structural Elements:
 - Structural forms/solutions based on organic structures
 - Emphasis placed on arrangement of materials to reflect the density and texture of woodlands



Theme 2: Woodlands (Cont.)

- Description of Woodlands Theme Landscape Elements:
 - Large free-flowing planted areas
 - Meandering, soft curve edges
 - Minimal disruption of existing natural vegetation



Theme 2: Woodlands (Cont.)

- Description of Woodlands Theme Landscape Elements:
 - Informal, naturalistic massing of plantings to mimic the natural landscape
 - Large masses of native grasses, wildflowers and low-growing seed mixes

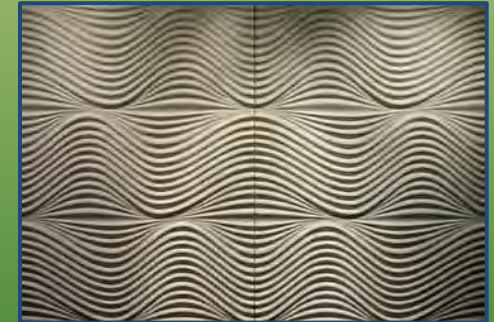


Potential Color Palettes Woodlands Theme



Theme 3: Lakeside Reflections

- Description of Lakeside Reflections Theme Structural Elements:
 - Structural forms have rhythmic textures and rounded forms
 - Forms and surfaces are more continuous and smooth
 - Materials, textures and patterns are more random and fluid



Theme 3: Lakeside Reflections (Cont.)

- Description of Lakeside Reflections Theme Structural Elements:
 - Structural elements will contrast with the landscape
 - Built features may recall nautical forms
 - Color palettes recall water and reflected light



Potential Color Palettes

Lakeside Reflections Theme



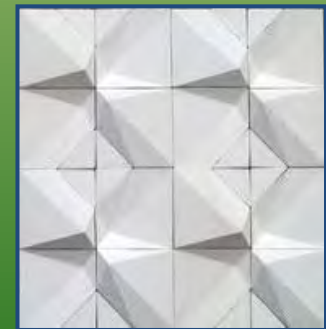
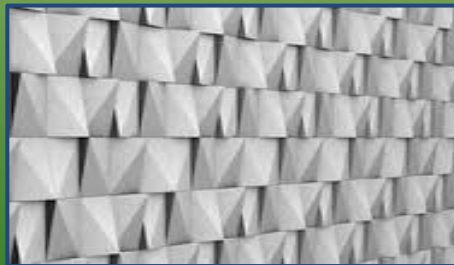
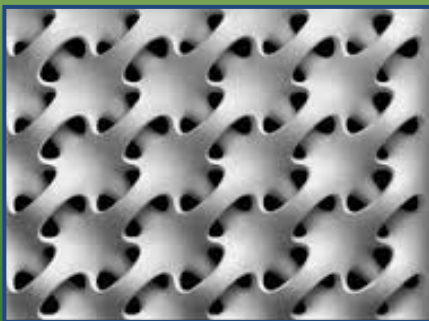
Theme 4: Innovation

- Description of Innovative Theme Structural Elements:
 - Structural forms and lines are forward looking and dynamic
 - Structural types may be innovative



Theme 4: Innovation (Cont.)

- Description of Innovative Theme Structural Elements:
 - Materials, textures and forms are contemporary in nature, smoother in texture
 - Incorporate stand alone gateway features or integrate these elements within the structural design
 - Built features are clearly synthetic, i.e. man-made



Theme 4: Innovation

- Description of Innovative Theme Landscape Elements
 - Uniform and symmetrical patterns of plantings rich in color and texture
 - Planting forms appear manicured and sculpted
 - Density and massing are lower scale to elements focus attention to the structural features



Theme 4: Innovation

- Description of Innovative Theme Landscape Elements
 - Stormwater channels and retention/detention ponds may be combined with structural elements
 - Rectilinear organization and clean lines in plantings

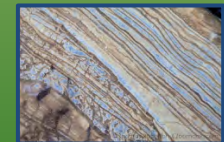
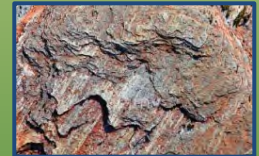


Potential Color Palettes Innovation Theme



Theme 5: Geomorphology

- Description of Geomorphology Theme Structural Elements:
 - Structural forms reference strata and geography
 - Horizontal organization of materials
 - Use of layers
 - Irregularly patterns and texture



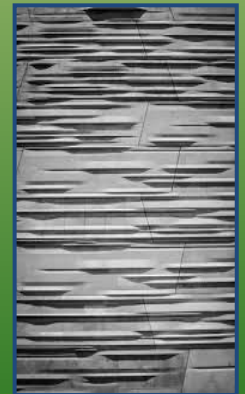
Theme 5: Geomorphology (Cont.)

- Description of Geomorphology Theme Landscape Elements:
 - Large free-flowing planted areas
 - Graphic expression of land forms in plant massing
 - Landscape materials are low scale, related to natural topography



Theme 5: Geomorphology (Cont.)

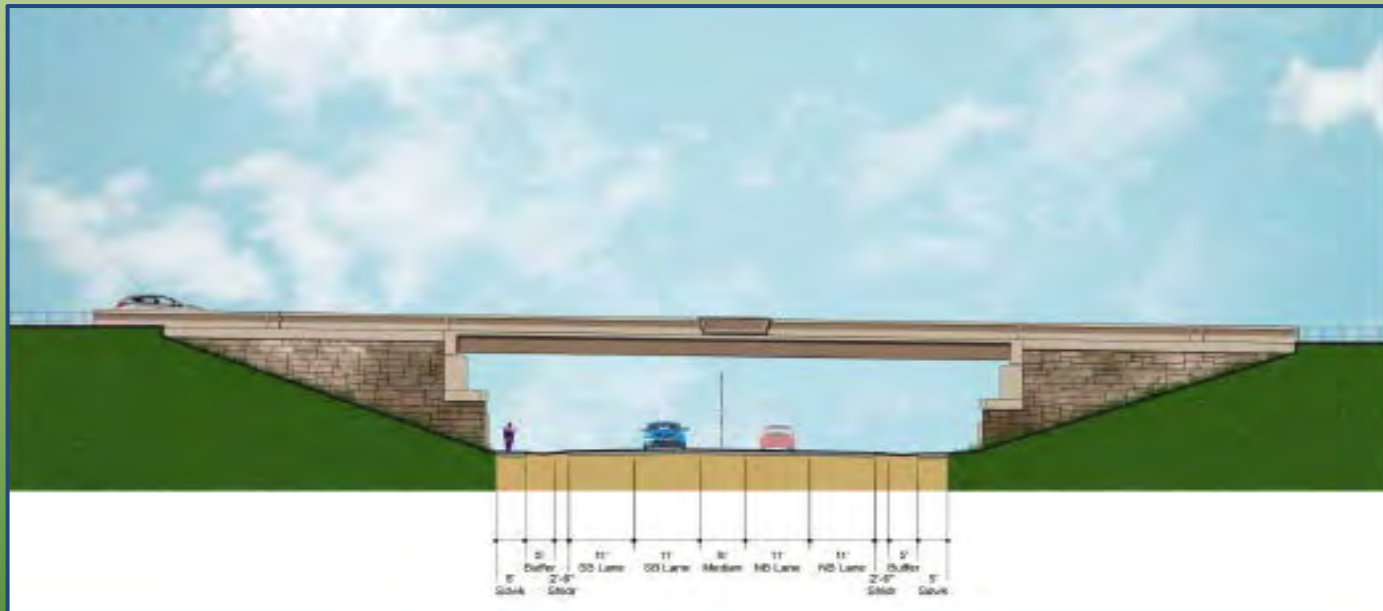
- Description of Geomorphology Theme Landscape Elements:
 - Soft, flowing edges to ground cover
 - Stacked stone, balian walls



Potential Color Palettes Geomorphology Theme



- Next Steps



Questions?

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