

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

US-23 ATM Stakeholders' Meeting

Presenters
Lynne Kirby, PE - MDOT
Jack Rick, PE - MDOT
Regine Beauboeuf, PE - Parsons




US-23 ATM Stakeholders' Meeting

- 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

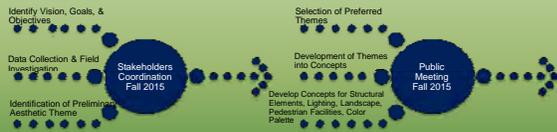


Project Aesthetic Objectives

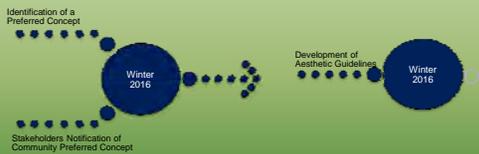
- Implement community-specific themes and/or aesthetic elements and materials compatible with existing City and Township aesthetic improvements and themes
- Develop a natural landscape theme for the entire corridor
- Integrate newly designed structures within the proposed aesthetics
- Improve and expand 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.)



Data Collection

- 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

- 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









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- 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



Project Aesthetics Themes

Potential Color Palettes
Woodlands Theme

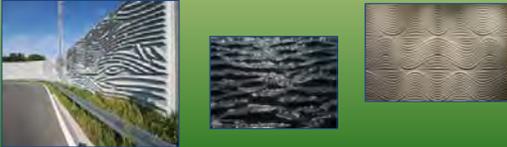


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Project Aesthetics Themes

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



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Project Aesthetics Themes

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



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Project Aesthetics Themes

Potential Color Palettes
Lakeside Reflections Theme



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Project Aesthetics Themes

Theme 4: Innovation

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



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Project Aesthetics Themes

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



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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



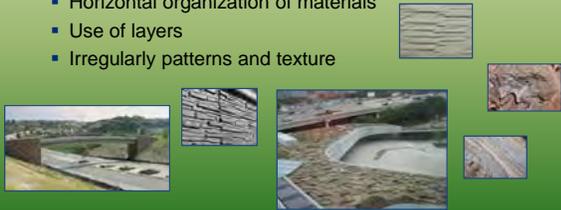
Potential Color Palettes
Innovation Theme



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



Project Aesthetics Themes

Potential Color Palettes
Geomorphology Theme



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- Next Steps



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Questions?

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