Agenda Item 1: Introductions

Hydraulic Planning Advisory Panel members

Technical Team members
Agenda item 2: Public Interaction and Feedback

YouTube Views (Previous Meeting)

Feb. 8, 2018

• YouTube Views: 34
Agenda item 2: Public Interaction and Feedback (continued)

For the period February 8 – February 21, 2018

- None
Agenda item 2: Public Interaction and Feedback (continued)

For the period February 8 – February 21, 2018

Website input

- None
Agenda item 3: Response to Panel Feedback

• Draft minimum Comprehensive Plan requirements of City and County for SMART SCALE Application (Agenda Item 5)
• Evaluate Hillsdale Extension to US 250 Bypass as Stand Alone Improvement (Future Agenda Item)
• Consider SMART SCALE Scoring Potential in “Other Considerations” section of the Evaluation Matrix (Agenda Item 6)
Agenda Item 4: Feedback from Neighborhood Meeting #1 and Transit Agencies
Agenda Item 5: Minimum Comp. Plan Requirements for SMART SCALE Application

- Projects must be consistent with a locality’s Comprehensive Plan
  - The projects are consistent with the County’s and City’s Comprehensive Plans;
- To get the additional .5 point in Economic Development, the project must be referenced in the locality’s Comprehensive Plan
  - Neither Comprehensive Plan currently references the proposed projects and will need to be added by Official Map, or Study by Inclusion or Direct Reference;
- Other Minimum SMART SCALE requirements: Preferred Alternative, Traffic Analysis, Concept Plan, Cost Estimate, and support from the MPO and the Localities
Agenda item 6: Transportation Progress Update

Progress since last meeting:

- Conducted Neighborhood Meeting #1
- Received Feedback from Transit Agencies on Scenarios
- Determination of Minimum Comprehensive Plan Requirements for SMART SCALE Application
- Additional Considerations for Evaluation Matrix
Agenda item 6: Transportation Update (continued)

Other Considerations & Preliminary Recommendation Selection

- Review Study’s Supporting Goals and Discuss Scenarios
- Rank Each Scenario Based on Those Goals
- Review Matrix and Updates Based on SMART SCALE
- Discuss and Rank Scenarios Based on Selected Matrix Criteria
Agenda item 6: Transportation Update – Other Considerations

Study Supporting Goals:

• Establish a highly connected, pedestrian friendly center
  o Established via the Core Area and Zan Rd. connection

• Delivers reliable, efficient transit options
  o Work to date does not adversely impact transit options today or in the future

• Integrates bicycles and pedestrian amenities including safe and convenient ways to cross roadways

• Balances land use with right-sized transportation systems
Ranking of Scenarios Based on These Goals:

- Integrates bicycles and pedestrian amenities including safe and convenient ways to cross roadways.
  - How well does each scenario provide bike & pedestrian connectivity to all four quadrants of the US 29 & Hydraulic intersection?
  - How well does each scenario provide easy and comfortable accommodations to bike and pedestrians?

- Balances land use with right-sized transportation systems
  - How well does each scenario facilitate easier vehicle movements between the quadrants around US 29 & Hydraulic Rd.?
  - How well does each scenario facilitate easier vehicle movements into and away from the study area?
<table>
<thead>
<tr>
<th>Project Scenarios</th>
<th>Criteria</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Total US 29 Travel Time AM / PM (Min) (^1)</td>
</tr>
<tr>
<td>2045 “No-Build”</td>
<td>11.0 / 12.7</td>
</tr>
<tr>
<td>Scenario 1 “Grade-Sep Intersection”</td>
<td>5.0 / 5.3 -55% / -58%</td>
</tr>
<tr>
<td>Scenario 2 “CFI”</td>
<td>7.5 / 6.9 -32% / - 46%</td>
</tr>
<tr>
<td>Scenario 3 “Grade-Sep Roundabout”</td>
<td>5.3 / 5.5 -52% / -57%</td>
</tr>
</tbody>
</table>

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1) Total of an avg. NB & SB US 29 trip through study area
2) Exclusive to the Intersection Improvements at US 29 & Hydraulic

Rt 29 Solutions

Agenda Item 6: Transportation Update
Scenario Evaluation
## Agenda Item 6: Transportation Update
Preliminary Recommendation Selection

### Project Scenarios

<table>
<thead>
<tr>
<th>Scenario Description</th>
<th>Total US 29 Travel Time AM / PM (Min)</th>
<th>Potential R/W &amp; Utility Needs</th>
<th>High Level Project Construction Cost</th>
<th>Business Access Impacts</th>
<th>Vehicle Safety Benefit</th>
<th>Initial Driver Familiarity</th>
<th>Other Considerations</th>
</tr>
</thead>
<tbody>
<tr>
<td>2045 “No-Build”</td>
<td>11.0 / 12.7</td>
<td>None</td>
<td>N/A</td>
<td>None</td>
<td>None</td>
<td>N/A</td>
<td>See “Other Considerations Table”</td>
</tr>
<tr>
<td>Scenario 1 “Grade-Sep Intersection”</td>
<td>3 Points</td>
<td>2 Points</td>
<td>2 Points</td>
<td>Panel Ranking</td>
<td>2 Points</td>
<td>3 Points</td>
<td>See “Other Considerations Table”</td>
</tr>
<tr>
<td>Scenario 2 “CFI”</td>
<td>1 Point</td>
<td>3 Points</td>
<td>3 Points</td>
<td>Panel Ranking</td>
<td>1 Point</td>
<td>1 Point</td>
<td>See “Other Considerations Table”</td>
</tr>
<tr>
<td>Scenario 3 “Grade-Sep Roundabout”</td>
<td>2 Points</td>
<td>1 Points</td>
<td>1 Point</td>
<td>Panel Ranking</td>
<td>3 Points</td>
<td>2 Points</td>
<td>See “Other Considerations Table”</td>
</tr>
</tbody>
</table>

### Scoring Method

- **1** – Lowest
- **2** – Middle
- **3** – Highest

### Omitted Columns

- “Connectivity Across US 29” & “Bike / Ped Safety Benefit” – These items are included in the rankings based on the supporting goals.
- “Environmental Impacts” – Each Scenario appears to have comparable benefits.
- “Bike / Ped & Transit Mobility” – This item is included in the rankings based on supporting goals. Transit impacts are anticipated to be similar for all scenarios.

### Notes

1. Total of an avg. NB & SB US 29 trip through study area
2. Exclusive to the Intersection Improvements at US 29 & Hydraulic
Agenda item 6: Transportation Progress Update – Other Considerations

Final Discussion of Scenarios and Determination of Preliminary Recommendation
Agenda item 6: Transportation Update (continued)

Next Steps:

• **Conduct Neighborhood Meeting #2 (this evening)**
• **Update Project Scheduling**
• **Conduct Community Meeting (March 8th)**
• **Relay Feedback from Meetings to Panel**
• **Determine Preferred Recommendation**
Agenda Item 7: Phase 2 Upcoming Tasks

To be complete by:

1) SMART SCALE Application Intake Opens  MAR 1
2) Present Preliminary Recommendation at Community Meeting  MAR 8
3) Determine Preferred Recommendation  APR
4) Submit Initial List of Projects to SMART SCALE  APR
   A) Identify the Needs Met by Submitted Projects
   B) Initiate Evaluation of SMART SCALE Criteria
5) City / County Approval of SMART SCALE Projects  MAY
6) SMART SCALE Application Creation Deadline  JUN 1
7) Complete SMART SCALE Applications  JUL
8) SMART SCALE Submission Deadline  AUG 1
Agenda Item 8: Panel Open Discussion and Requests for Future Items
Agenda Item 9: New business and wrap up

Agenda item 10: Adjourn
Rt 29 Solutions Hydraulic Planning Advisory Panel

February 22, 2018