Blueprint 2040
Building to Success

Bellemont Area Plan Meeting
September 20, 2017
Flagstaff Metropolitan Planning Organization

STAFF

David Wessel
- FMPO Manager

Martin Ince
- Multimodal Planner

Dusty Rhoton
- Administrative Specialist
Flagstaff Metropolitan Planning Organization

LEADERSHIP

- Executive Board
- Management Committee
- Technical Advisory Committee
Flagstaff Metropolitan Planning Organization

Mission: Leverage cooperation to maximize financial and political resources for a premier transportation system.

Vision: To create the finest transportation system in the country.
Flagstaff Metropolitan Planning Organization

- FOCUS
- LEADERSHIP
- LEVERAGE
ADOPTED MAY 1, 2017!
RTP Steering Committee

- Jeff Meilbeck
- Barb Goodrich
- Rick Barrett
- Neal Young
- Audra Merrick
- Stuart McDaniel
- Bob Kuhns
- Tory Syracuse
- Joanne Keene
- Rich Bowen
- Laura Myers
Flagstaff Regional Plan 2030: Place Matters
Guiding Principles, Land Use & Transportation

- Environment
- Trust
- Place
- Connectivity
- Prosperity
- Sustainability
- Cooperation
### Table 11-6 Reasonably Anticipated Revenues, **FY 2020-2040**

<table>
<thead>
<tr>
<th>Revenue for Expansion/Modernization</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>City Transportation Tax Renewal</td>
<td>$195,000,000</td>
</tr>
<tr>
<td>County Capital Projects (HURF+Tax)</td>
<td>$12,000,000</td>
</tr>
<tr>
<td>ADOT Capital Projects (Federal + HURF)</td>
<td>$16,000,000</td>
</tr>
<tr>
<td>Private Sector Investment</td>
<td>$15,000,000</td>
</tr>
<tr>
<td>Universal Pass or U-Pass (Transit)</td>
<td>$2,000,000</td>
</tr>
<tr>
<td>Transit Grants - above annual 5307</td>
<td>$40,000,000</td>
</tr>
<tr>
<td><strong>Total Revenue</strong></td>
<td><strong>$280,000,000</strong></td>
</tr>
</tbody>
</table>
**Blueprint 2040: BIG Themes**

<table>
<thead>
<tr>
<th>Multimodal</th>
<th>Connectivity</th>
<th>Partnership</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pedestrian</td>
<td>Missing Sidewalks</td>
<td>Private Sector</td>
</tr>
<tr>
<td>Bicycle</td>
<td>New Trails</td>
<td>Arizona DOT</td>
</tr>
<tr>
<td>Transit</td>
<td>New Roads</td>
<td>Collaborative Operations</td>
</tr>
<tr>
<td>Automobile</td>
<td>Capacity</td>
<td>NAU</td>
</tr>
<tr>
<td>Freight</td>
<td>New Transit Services</td>
<td></td>
</tr>
</tbody>
</table>
Road Projects

CITY FOCUS
- Lone Tree Rd
- JWP - Airport
- Fourth Street
- Butler Ave

PARTNERSHIP OPPORTUNITIES
- Milton Road**
- W. Route 66
- JWP to Fourth Street

20 Year Plan Road Projects

<table>
<thead>
<tr>
<th>Project Type</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>Public Project</td>
<td>Blue</td>
</tr>
<tr>
<td>Potential Partnering Project</td>
<td>Green</td>
</tr>
</tbody>
</table>
Transit Projects

Bus Rapid Transit or High Frequency Transit extending across town

Airport

Mall
Pedestrian & Bicycle Investment

- Better connectivity standards
- Needed Crossings
- Missing Sidewalks
- Missing Bike Lanes

Grade-separated crossings
- Pipeline
- Transit
- Pedestrian
- Sidewalk
- Streetcar rail

Flagstaff Regional Transportation Plan 2040
Bellemont Area Projects

- Bellemont Traffic Interchange Reconstruction
- New westerly interchange
  - By references to the regional freight analyses and I-40 Initial Design Concept Report
  - Predicated on eventual industrial development at Camp Navajo
- No US 180 Alternate Route at this time
<table>
<thead>
<tr>
<th>Measures / Model Output</th>
<th>2015</th>
<th>2040</th>
<th>2090</th>
</tr>
</thead>
<tbody>
<tr>
<td>Walk/Bike Mode Share</td>
<td>12.3%</td>
<td>12.5%</td>
<td>13.0%</td>
</tr>
<tr>
<td>Transit Mode Share</td>
<td>1.7%</td>
<td>1.9%</td>
<td>3.2%</td>
</tr>
<tr>
<td>Auto Mode Share</td>
<td>86.0%</td>
<td>85.6%</td>
<td>83.7%</td>
</tr>
<tr>
<td>Average Trip Length (miles):</td>
<td>5.1</td>
<td>5.7</td>
<td>6.3</td>
</tr>
<tr>
<td>Avg. Trip Time (Min):</td>
<td>7.4</td>
<td>9.1</td>
<td>15.8</td>
</tr>
<tr>
<td>VMT/Capita</td>
<td>22.75</td>
<td>25.06</td>
<td>30.10</td>
</tr>
<tr>
<td>VHT/Capita</td>
<td>0.55</td>
<td>0.67</td>
<td>1.27</td>
</tr>
<tr>
<td>Delay/Capita</td>
<td>0.06</td>
<td>0.12</td>
<td>0.62</td>
</tr>
<tr>
<td>Network Density / Sq.Mile</td>
<td>5.4</td>
<td>5.6</td>
<td>6.1</td>
</tr>
</tbody>
</table>

*Table 13-3 20-Year Program Performance*
Guidance with Local Adoption

- Master Plans:
  - Roads, Streets, Active Transportation
- Technology Plan
- Safety Plan
  - (in progress)

- Access Management
- Travel Demand Management
  - (NAIPTA grant)
- Transportation Impact Analysis
20-Year Plan

20 Year Plan Road Projects

- Public Project
- Potential Partnering Project
<table>
<thead>
<tr>
<th>Project Name</th>
<th>Rank</th>
<th>Years of Construction</th>
<th>Cost (2013 $)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bus Rapid Transit</td>
<td>26</td>
<td>2021</td>
<td>$46,870,000</td>
</tr>
<tr>
<td>Bus Rapid Transit - Operating</td>
<td></td>
<td>Annual $1,250,000</td>
<td>$25,000,000</td>
</tr>
<tr>
<td>Lone Tree Road widening South</td>
<td>8</td>
<td>2025</td>
<td>$13,825,000</td>
</tr>
<tr>
<td>Fourth Street Bridges @ I-40</td>
<td>15</td>
<td>2023</td>
<td>$7,297,000</td>
</tr>
<tr>
<td>High Country Trail Extension</td>
<td>99</td>
<td>2036-2040</td>
<td>$2,709,000</td>
</tr>
<tr>
<td>Fourth Street Widening - South</td>
<td>30</td>
<td>2025</td>
<td>$6,004,000</td>
</tr>
<tr>
<td>J.W. Powell (Airport)</td>
<td>12</td>
<td>2031-2035</td>
<td>$11,495,000</td>
</tr>
<tr>
<td>Lone Tree Road widening North</td>
<td>6</td>
<td>2030</td>
<td>$9,164,000</td>
</tr>
<tr>
<td>Butler Avenue Widening</td>
<td>9</td>
<td>2028</td>
<td>$13,323,000</td>
</tr>
<tr>
<td>Short term sidewalks</td>
<td>90</td>
<td>2021-2022</td>
<td>$2,589,000</td>
</tr>
<tr>
<td>Mid-term sidewalks</td>
<td>91</td>
<td>2022-2026</td>
<td>$5,888,000</td>
</tr>
<tr>
<td>Crossings/Grade Separations</td>
<td>74</td>
<td>2022-2040</td>
<td>$12,100,000</td>
</tr>
<tr>
<td>Milton Road Widening*</td>
<td>1</td>
<td>Phased</td>
<td>$36,559,000</td>
</tr>
<tr>
<td>Projects of Opportunity*/Partnering</td>
<td></td>
<td>Annual $1,250,000</td>
<td>$4,000,000</td>
</tr>
<tr>
<td></td>
<td></td>
<td>* balance after Projects of Opportunity</td>
<td></td>
</tr>
<tr>
<td>TDM/ITS/etc.</td>
<td></td>
<td>Annual $600,000</td>
<td>$12,000,000</td>
</tr>
<tr>
<td>Unspecified County Project(s)</td>
<td></td>
<td>Varies</td>
<td>$12,000,000</td>
</tr>
<tr>
<td><strong>Subtotal</strong></td>
<td></td>
<td></td>
<td><strong>$220,823,000</strong></td>
</tr>
<tr>
<td><strong>Inflation &amp; Debt Financing</strong></td>
<td></td>
<td></td>
<td><strong>$59,177,000</strong></td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td></td>
<td></td>
<td><strong>$280,000,000</strong></td>
</tr>
</tbody>
</table>
Funding Opportunities for Bellemont Area Plan Projects

ALL SUBJECT TO RESPECTIVE AGENCY CRITERIA AND PRIORITIES

- Arizona Highway User Road Fund (HURF)
- Federal Highways Surface Transportation Block Grant (STBG)
  - Through the FMPO - small sum annually, generally for studies
  - Through ADOT - subject to Planning-2-Programming scoring
- US Dept. of Transportation TIGER grant
  - Due October 16, 2017  100% funding, as low as $1 million as high as $25 million.
- US Dept. of Transportation INFRA grant
  - Due November 2, 2017  Freight and Economic Development focus. Looking to leverage other dollars.
Opportunities Abound

<table>
<thead>
<tr>
<th>FOCUS</th>
<th>LEADERSHIP</th>
<th>LEVERAGE</th>
</tr>
</thead>
</table>
| • Values  
  • Community  
  • Priorities | • Public dialogue  
  • Relationships  
  • Legislation  
  • Fuel Tax | • Partners  
  • Funding  
  • Influence  
  • Expertise  
  • Standards |
Ramping Up City Process

FY2016
  Technical Planning

FY2017
  Public Discussion

FY2018
  Council Decision

FY2019
  Voter Decision

FY2020
  Begin Construction

Grant-Writing
Planning
Relationship Building