State of Freight Infrastructure in the San Antonio Region

SAMCo Luncheon
Bexar County Population Vs Freight Tonnage Growth 2018 and 2050

<table>
<thead>
<tr>
<th>County</th>
<th>2018 Population (million)</th>
<th>2050 Population (million)</th>
<th>% Growth</th>
<th>2018 Hwy Freight Tonnage** (million)</th>
<th>2050 Hwy Freight Tonnage** (million)</th>
<th>% Growth</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dallas</td>
<td>2.61</td>
<td>4.04</td>
<td>55 %</td>
<td>1.61</td>
<td>2.79</td>
<td>73 %</td>
</tr>
<tr>
<td>Tarrant</td>
<td>2.02</td>
<td>3.33</td>
<td>65 %</td>
<td>0.90</td>
<td>1.54</td>
<td>72 %</td>
</tr>
<tr>
<td>Bexar</td>
<td>1.94</td>
<td>3.35</td>
<td>72 %</td>
<td>0.94</td>
<td>1.81</td>
<td>92 %</td>
</tr>
</tbody>
</table>

* Texas Demographic Center, ** IHS Global Insight TRANSEARCH®

- Bexar County is one of the top three counties in population and highway freight tonnage growth on I-35 corridor
- Population growth results in increased freight tonnage on the highway
Supply Chain Network 2050 Growth in International Trade

2018 Foreign Trade Tonnage Flows

2050 Foreign Trade Tonnage Flows
Freight Challenges in Bexar County

### Traffic Delay

<table>
<thead>
<tr>
<th>Delay</th>
<th>689,601 Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wasted Fuel</td>
<td>321,001 Gallons</td>
</tr>
<tr>
<td>Congestion Cost</td>
<td>$15,848,765</td>
</tr>
</tbody>
</table>

### Truck Delay

<table>
<thead>
<tr>
<th>Truck Delay</th>
<th>68,245 Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Truck Wasted Fuel</td>
<td>120,528 Gallons</td>
</tr>
<tr>
<td>Truck Cong. Cost</td>
<td>$3,776,731</td>
</tr>
</tbody>
</table>

### Truck Impact

- 4.1% of Total Delay
- 15.3% of Wasted Fuel
- 10.7% of Congestion Costs

*Source – TTI Top 100 Congested Roadways - 2019*

TTI Top 100 Congested Roadways:

- 4 roadways listed in the top 50 for truck delay:
  - # 23 – PanAm Expy/IH 35/IH 10 from US 281 to US 90
  - # 30 – PanAm Expy/IH 35 from SL 1604 to IH 410
  - # 36 – US 281 from Stone Oak Pkwy to SL 1604
  - # 50 – SL 1604 from US 281 to IH 10/US 87
Impact of Hurricane Harvey on San Antonio

This map shows how truck flows were impacted in the San Antonio area as a result of the flooding from Hurricane Harvey. The time period shown is Monday, August 28, 2017.
Questions

Caroline Mays, AICP
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