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Think Forward

Performance Impact Analysis

Johns Creek TSPLOST Projects

presented to

Johns Creek City Council

presented by

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Performance Impact Analysis

- Focus on key travel metrics
  - » Delay reduced
  - » Travel cost savings, auto and truck
- 2024 analysis year
- Major roadway capacity investments modeled
  - » 2024 Existing + Committed
  - » 2024 TSPLOST (adds Tier I and Tier II projects)
  - » 2024 TSPLOST Plus (adds Tier III projects)
- Project and corridor-level impacts

Proposed Johns Creek TSPLOST Investments

- Insert project map

TSPLOST Impact Summary

Total travel cost savings = $111.6 M each year

2024 TSPLOST Plus	• Additional 20% delay reduced • Additional $44.5M travel cost savings
2024 TSPLOST	• 20% delay reduced • $67.1M travel cost savings
2024 E+C	• 11,860 hrs of delay, auto and truck

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TSPLOST Impacts Project-Level (Tier I and Tier II)

Projects	Project Description	Daily Hours of Delay (2024 E+C)	Daily Hours of Delay (2024 TSPLOST)	Delay Change	Annual Cost Savings ($2024 M)
JCR-006	Old Alabama (Nesbit Ferry to Old Alabama Connector)	303	56	-81%	3.9
JCR-002	Jones Bridge (McGinnis Ferry to Douglas)	225	53	-77%	2.7
ALP-002, JCR-005	Haynes Bridge Road	305	78	-74%	3.6
JCR-003	Jones Bridge (Ph. 1 - Waters to Buice; Ph. 2 - Buice to State Bridge)	154	50	-67%	1.6
ALP-005	Windward Parkway Business District/Union Hill Road	377	148	-61%	3.6
JCR-004	McGinnis Ferry Road (Union Hill to Sargent)	1,262	529	-58%	11.5
JCR-001	Medlock Bridge (Chattahoochee River to McGinnis Ferry)	3,119	1,645	-47%	23.1
JCR-014	State Bridge (Medlock Bridge to Chattahoochee River)	1,576	1,208	-23%	5.8
ALP-003	Old Milton Parkway	2,576	2,055	-20%	8.2
JCR-013	State Bridge (Kimball Bridge to Medlock Bridge)	1,964	1,754	-11%	3.3
Total		**11,860**	**7,575**	**-20%**	**67.1**

TSPLOST Impacts Project-Level (Tier III)

Projects	Project Description	Daily Hours of Delay (2024 TSPLOST)	Daily Hours of Delay (2024 TSPLOST Plus)	Delay Change	Annual Cost Savings ($2024 M)
JCR-021	Old Alabama Widening from Jones Bridge Rd to Buice Rd	418	120	-71%	$4.7
JCR-203	Nesbit Ferry Road Widening	369	107	-71%	$4.1
JCR-202	SR 120/Abbotts from Jones to Medlock	676	338	-50%	$5.3
JCR-204	SR 141/Medlock Bridge Capacity Chattahoochee to Holcomb Bridge Road	2,140	1,342	-37%	$12.5
JCR-205	SR 141/Peachtree Parkway SB Holcomb Bridge to I-285	919	645	-30%	$4.3
JCR-201	McGinnis Ferry Widening Sargent to PIB	2,974	2,104	-29%	$13.6
Total		**7,497**	**4,655**	**-20%**	**$44.5**

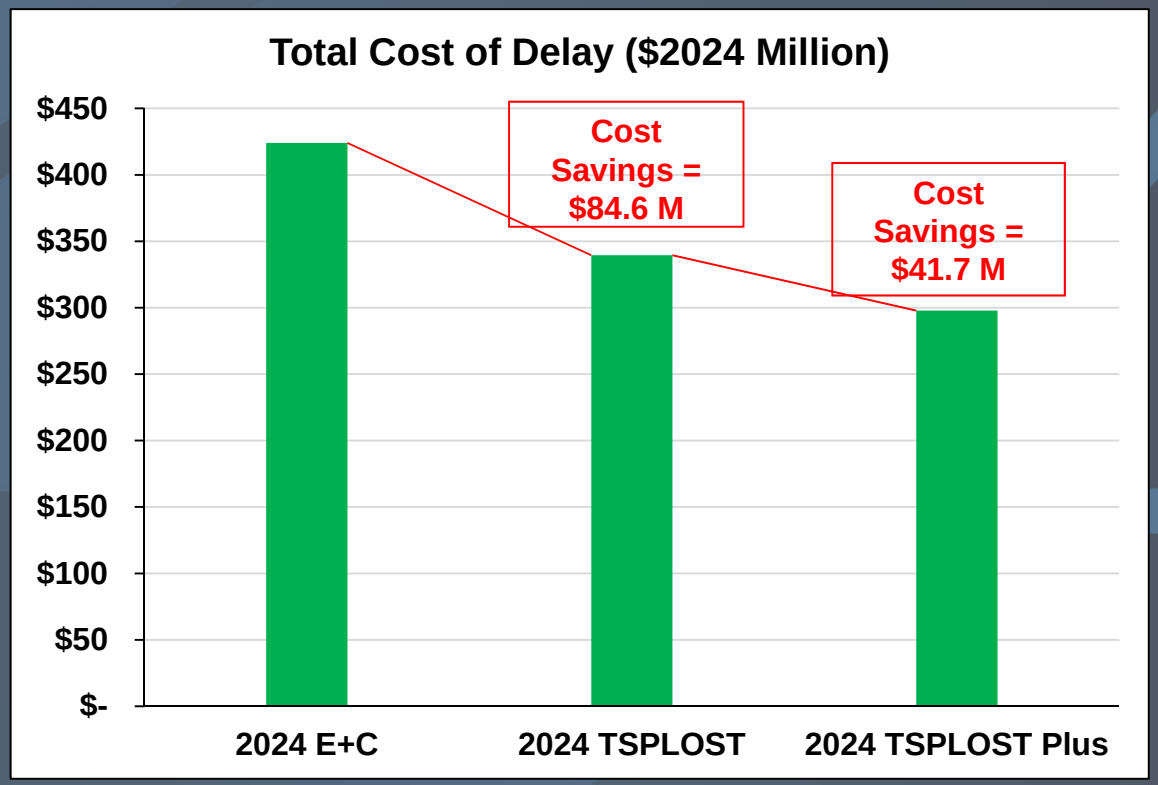
Note: Projects highlighted belong to TSPLOST Tier III

Proposed Johns Creek TSPLOST Corridors

- Insert corridor map

TSPLOST Impacts Corridor Level

- ***Total travel cost savings = $126.3 M each year***
- ***Additional $14.7M in travel cost savings due to cumulative network efficiencies***



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