

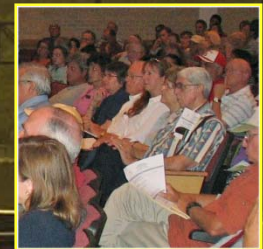


ALAMO RMA
Alamo Regional Mobility Authority



Proposed Loop 1604 Super Street Project

May 25, 2010



Proposed Loop 1604 Super Street

Partnership between

Alamo Regional Mobility Authority

Bexar County

Advanced Transportation District

Texas Department of Transportation



Loop 1604 Super Street Concept – Phased Approach

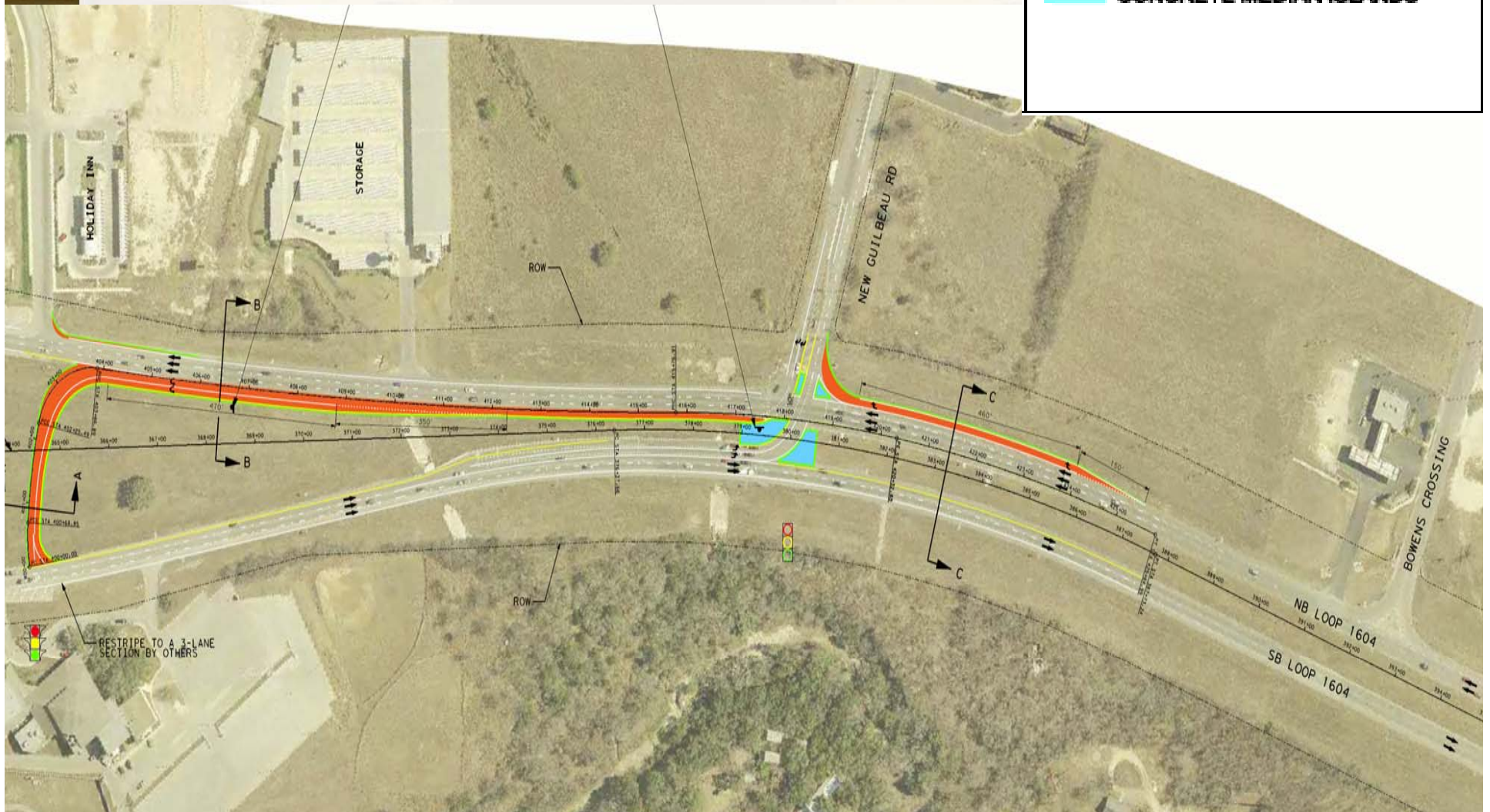
- Phase 1 – Operational improvements at Braun Road
- Phase 2 – Operational Improvements from New Guilbeau to Shaenfield Road
- Phase 3a – Operational Improvements at SH 151 and Loop 1604
- Phase 3b – Construct underpass for SH 151 at Loop 1604



Loop 1604 Super Street – Phase 2 - Braun Road to New Guilbeau

PLAN LEGEND

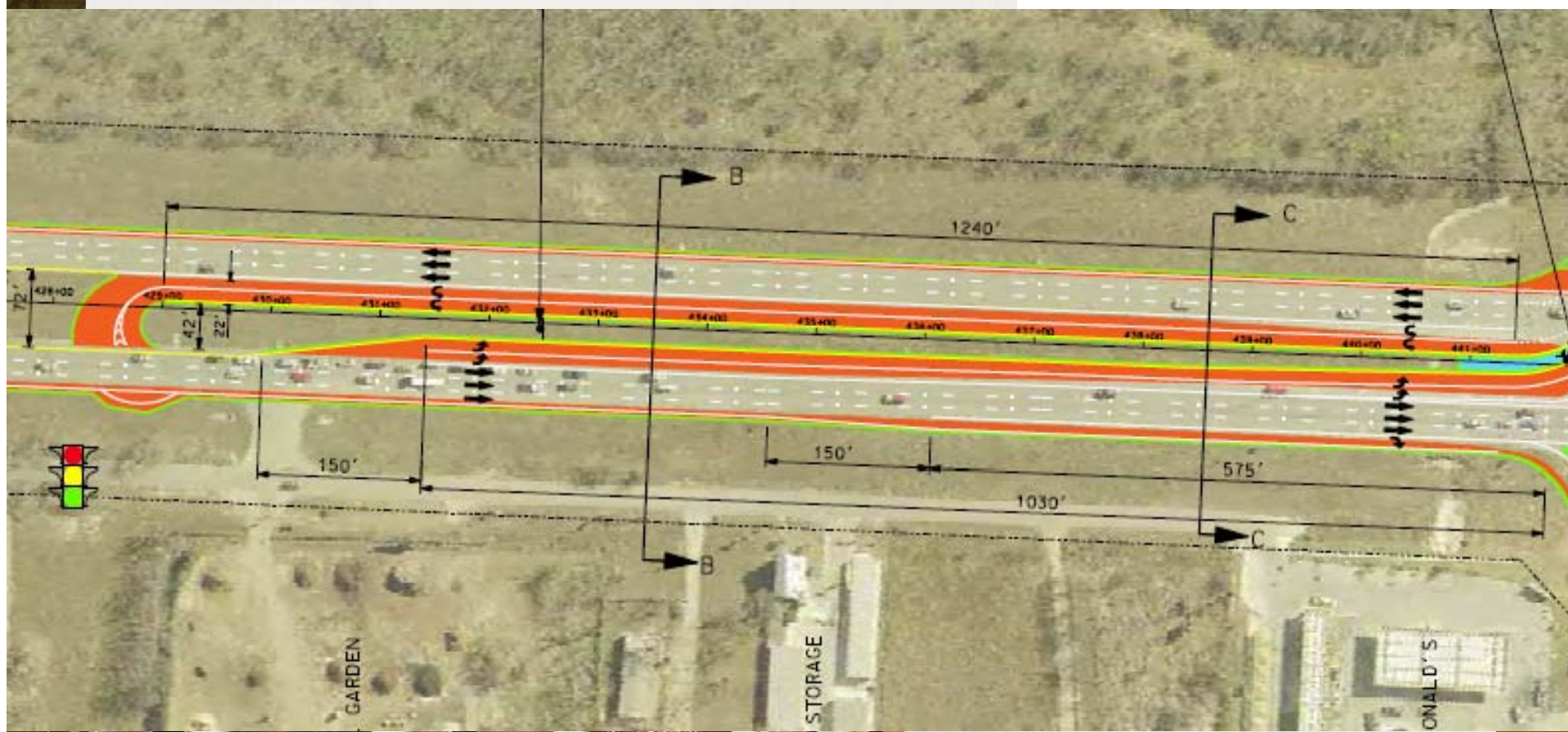
- PROPOSED PAVEMENT WIDENING
- CONCRETE MEDIAN ISLANDS



Loop 1604 Super Street – Phase 2 Approaching Shaenfield intersection

PLAN LEGEND

- PROPOSED PAVEMENT WIDENING
- CONCRETE MEDIAN ISLANDS



Loop 1604 Super Street – Phase 2 At Shaenfield Intersection



PLAN LEGEND

- PROPOSED PAVEMENT WIDENING
- CONCRETE MEDIAN ISLANDS



Phase 2 – Potential Benefit

Project Limit - Braun Rd to Shaenfield AM Peak Traffic – Today

Travel Condition	Total Delay (HR)	Benefit	Total Stops (Veh)	Benefit	Avg Speed (MPH)	Benefit
Existing	626.1		32,550		33.3	
Proposed Improvements	193.2	-69% Reduction	13,049	-60% Reduction	45.2	36% increase



Phase 2 – Potential Benefit

Project Limit - Braun Rd to Shaenfield PM Peak Traffic - Today

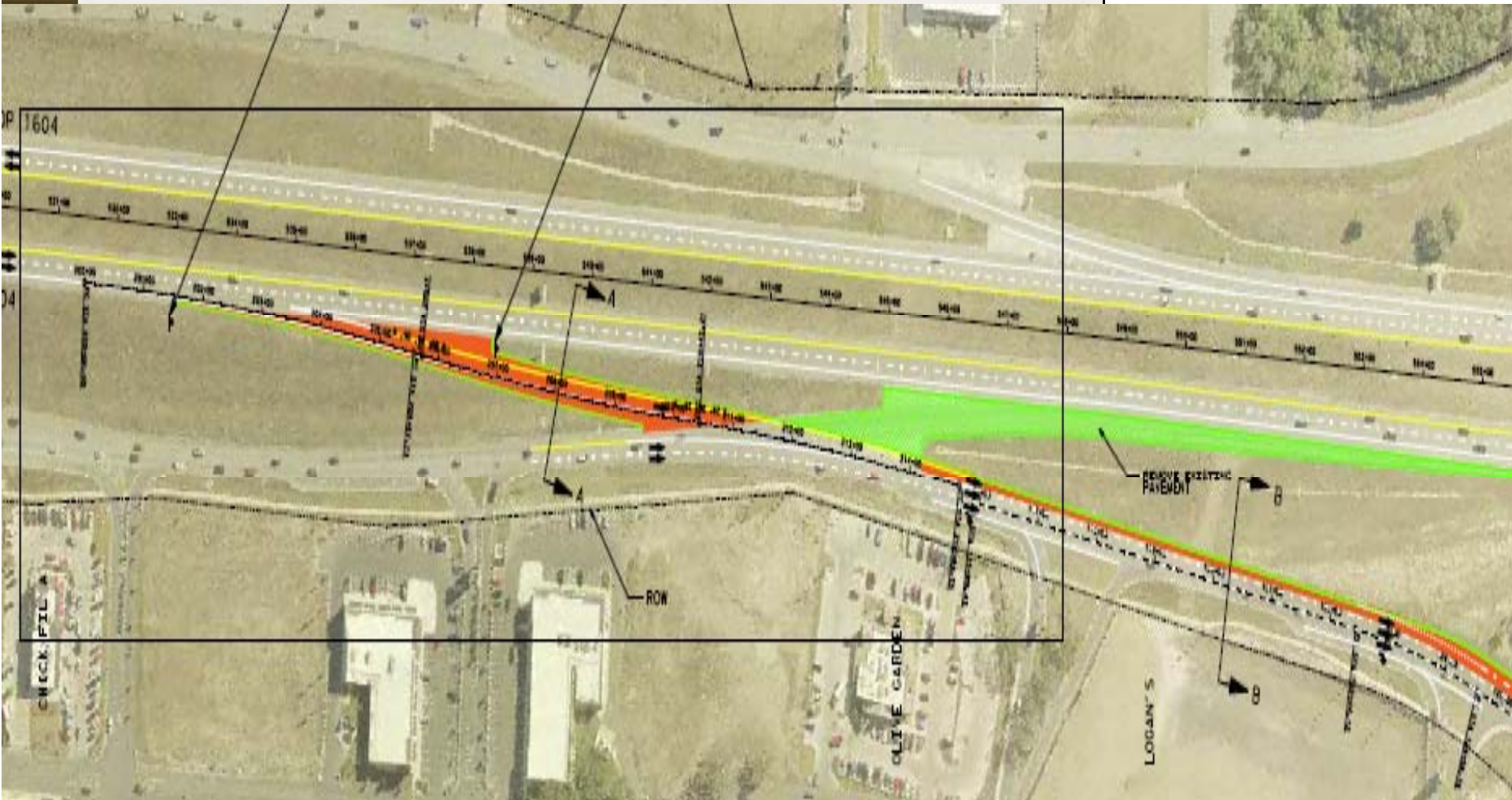
Travel Condition	Total Delay (HR)	Benefit	Total Stops (Veh)	Benefit	Avg Speed (MPH)	Benefit
Existing	1,150.4		39,482		27.5	
Proposed Improvements	244	-79% reduction	15,477	-61% reduction	45.4	65% increase



Loop 1604 Super Street Phase 3a – Loop 1604 @ SH 151 Proposed

PLAN LEGEND

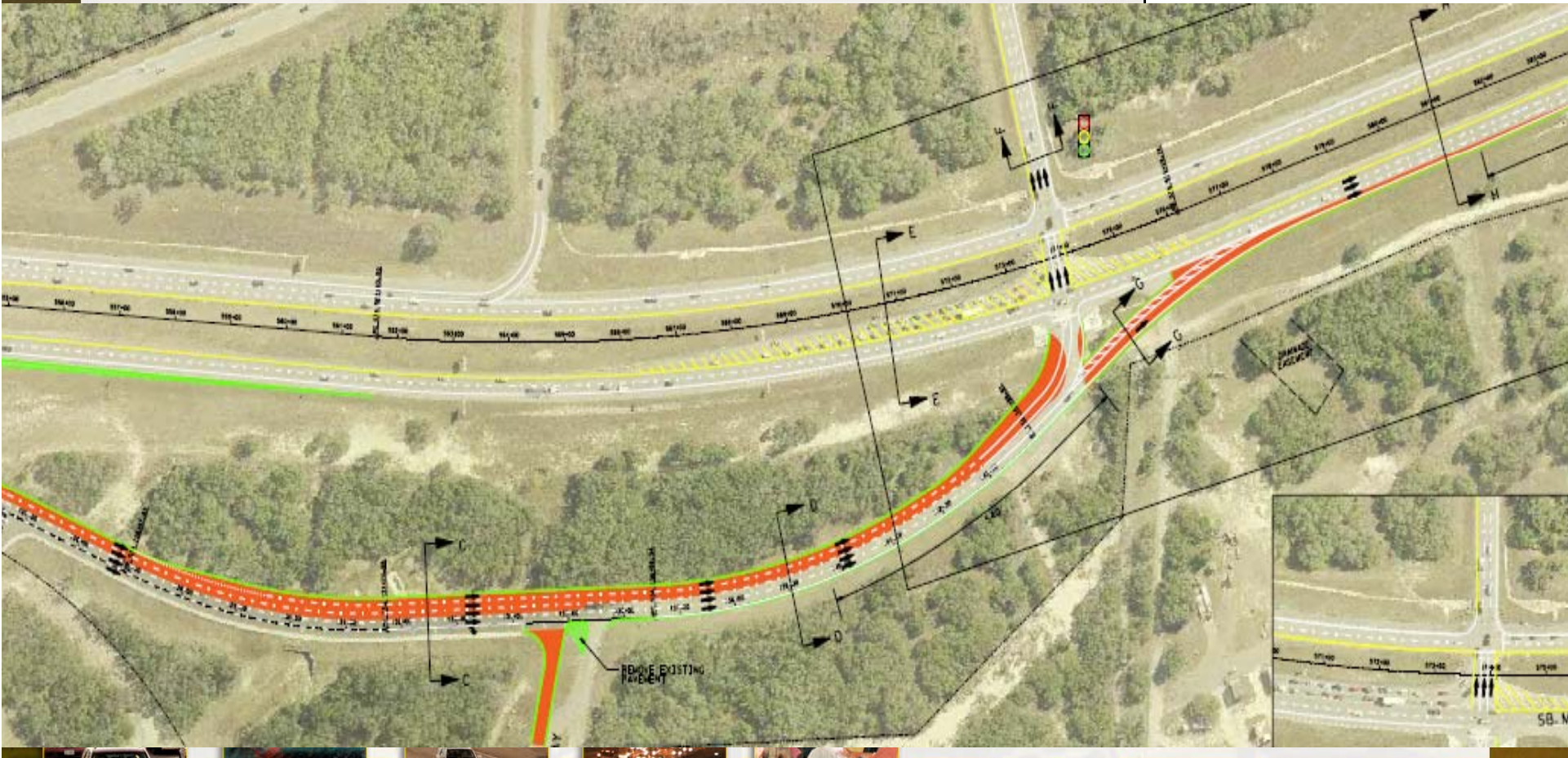
- PROPOSED PAVEMENT WIDENING
- CONCRETE MEDIAN ISLANDS
- TRAFFIC SIGNAL



Loop 1604 Super Street Phase 3a – Loop 1604 @ SH 151 Proposed

PLAN LEGEND

- PROPOSED PAVEMENT WIDENING
- CONCRETE MEDIAN ISLANDS
- TRAFFIC SIGNAL



Phase 3a – Potential Benefit

Project Limit – SH 151 @ Loop 1604		AM Peak Traffic - Today		
Travel Condition	Total Delay (HR)	Benefit	Total Stops (Veh)	Benefit
Existing	1,476		38,778	
Proposed Improvements	228	-85% reduction	10,752	-72% reduction



Phase 3a – Potential Benefit

Project Limit – SH 151 @ Loop 1604			PM Peak Traffic - Today	
Travel Condition	Total Delay (HR)	Benefit	Total Stops (Veh)	Benefit
Existing	1,016		38,565	
Proposed Improvements	501	-51% reduction	20,311	-47% reduction



Environmental Process and Clearance

- Right of Way
 - No additional right of way is necessary for this proposed project
 - No displacements of residences or businesses would result
 - The proposed project would preserve business access and no driveway changes are anticipated as part of the proposed project



Environmental Process and Clearance

- Air Quality and Noise Impacts
 - As Bexar County is currently listed as being in attainment for air quality – a transportation conformity study was not required for this project
 - Noise analysis was not required for this project as it does not substantially alter either the horizontal or vertical alignment of the roadway, does not increase the number of through traffic lanes and is not on a new location corridor



Environmental Process and Clearance

- Endangered Species
 - The Alamo RMA conducted informal consultation with the US Fish and Wildlife Service under Section 7 of the Endangered Species Act on March 19, 2010.
 - Proposed improvements would not impact potential Black-capped Vireo habitat and no Black-capped Vireos have been observed in the project area – therefore, **the project “may affect, but is not likely to adversely affect” the Black-capped Vireo**



Environmental Process and Clearance

- Endangered Species
 - Proposed improvements would impact 1.19 acres of potential Golden-cheeked Warbler habitat within the existing Right of Way. However, this habitat may be too fragmented to support a nesting territory.
 - **Therefore, the project may affect, but is not likely to adversely affect, the Golden-cheeked Warbler**



Environmental Process and Clearance

- Karst Impacts
 - Preliminary review of karst surveys identified four potential karst features within the area of potential affect. Potential habitat was identified in one of the four features.
 - Three presence/absence surveys were conducted in that feature. Preliminary findings indicated the feature is not occupied by listed species.
 - **Therefore, the project would have no effect on karst endangered species.**



Environmental Process and Clearance

- Historic Structures and Resources
 - While not anticipated to have impacts within the area of potential effects for historical or cultural resources, it is recommended that
 - No construction equipment, construction materials and/or personal vehicles should be parked or stored within a 900-foot long swath on the west side of Existing Loop 1604 ROW (located from Bowen's Crossing to New Guilbeau Road)



Environmental Process and Clearance

- Construction Impacts

Construction of this project would be handled under direct traffic using short-term daily lane/shoulder closures in accordance with the TxDOT Traffic Control Standards and the Manual of Uniform Traffic Control Devices (MUTCD).

Construction of the storm sewer and widening along the southbound frontage road south of Culebra will require low profile concrete barrier and intermediate-term lane closures along the frontage road. Construction of the Culvert under Alamo Ranch Parkway will require a temporary two-way detour along the existing eastbound lanes of Alamo Ranch Parkway.



Environmental Process and Clearance

- Environmental Justice
 - The proposed Loop 1604 Super Street would provide enhanced operational efficiency and safety within the project area.
 - The proposed project would not create adverse impacts to any minority or low income population in proximity to the project



Environmental Process and Clearance

- Indirect and Cumulative Impacts of the Proposed Project
 - Based on June 2009 guidance for indirect and cumulative impact, the proposed project is not anticipated to cause any indirect or cumulative impacts
 - All future projects on Loop 1604 will be evaluated for indirect and cumulative analysis based on the respective project and level of analysis



Estimated Total Project Cost

Project Limit	Phase 2 & 3A (Just South of Braun Road to SH 151)
Construction Cost	\$ 6,370,000
Additional project related costs, (non-construction) – including contingency, completion of environmental clearance, engineering design, and public outreach/meeting	\$1,367,639
Total Project Cost	\$7,737,639



Funding

Funding Source	Amount
American Recovery and Reinvestment Act (MPO)	\$1,330,000
American Recovery and Reinvestment Act (Rural)	\$1,040,000
Surface Transportation Program – Metro Mobility	\$4,000,000
Local Contribution – Bexar County, Advanced Transportation District and TxDOT indirect	\$1,367,639
Total Funding	\$7,737,639



Estimated Construction Timeline for Loop 1604 Super Street

Project Segment	Estimated Letting	Estimated Start of Construction	Estimated Completion	Estimated time of project
2 and 3a – New Guilbeau, Shaenfield and SH 151	November 2010	January 2011	August 2011	Seven months



Public Comments

To submit comments on the proposed project, after tonight:

Email Loop1604SuperStreet@AlamoRMA.org

By Mail: Loop 1604 Super Street

Alamo RMA

1222 N. Main Avenue, Ste 1000

San Antonio, Texas 78212

Fax: 210-495-5403

Comments must be received by June 4, 2010 at 5 p.m.





ALAMO RMA
Alamo Regional Mobility Authority



Loop 1604 Super Street Concept

