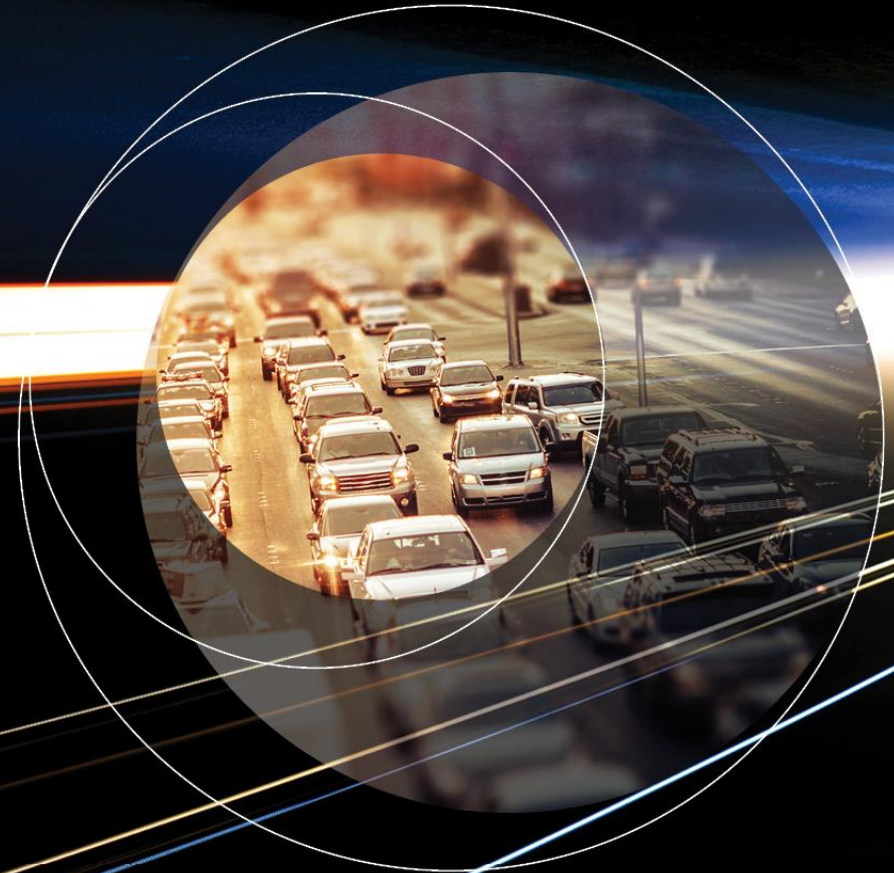


Tropicana & University Center Grade Separation

Board of County Commissioners Meeting | May 2, 2023

Presented by:

Department of Public Works



Purpose of this project:

- 
- Relieve congestion
 - Improve safety
 - Improve access for:
 - Airport traffic traveling to the Resort Corridor
 - Traffic traveling north via University Center Drive
 - Traffic traveling to airport via Paradise Road
 - Traffic traveling south via Paradise Road
 - Traffic traveling to/from Thomas & Mack and the University

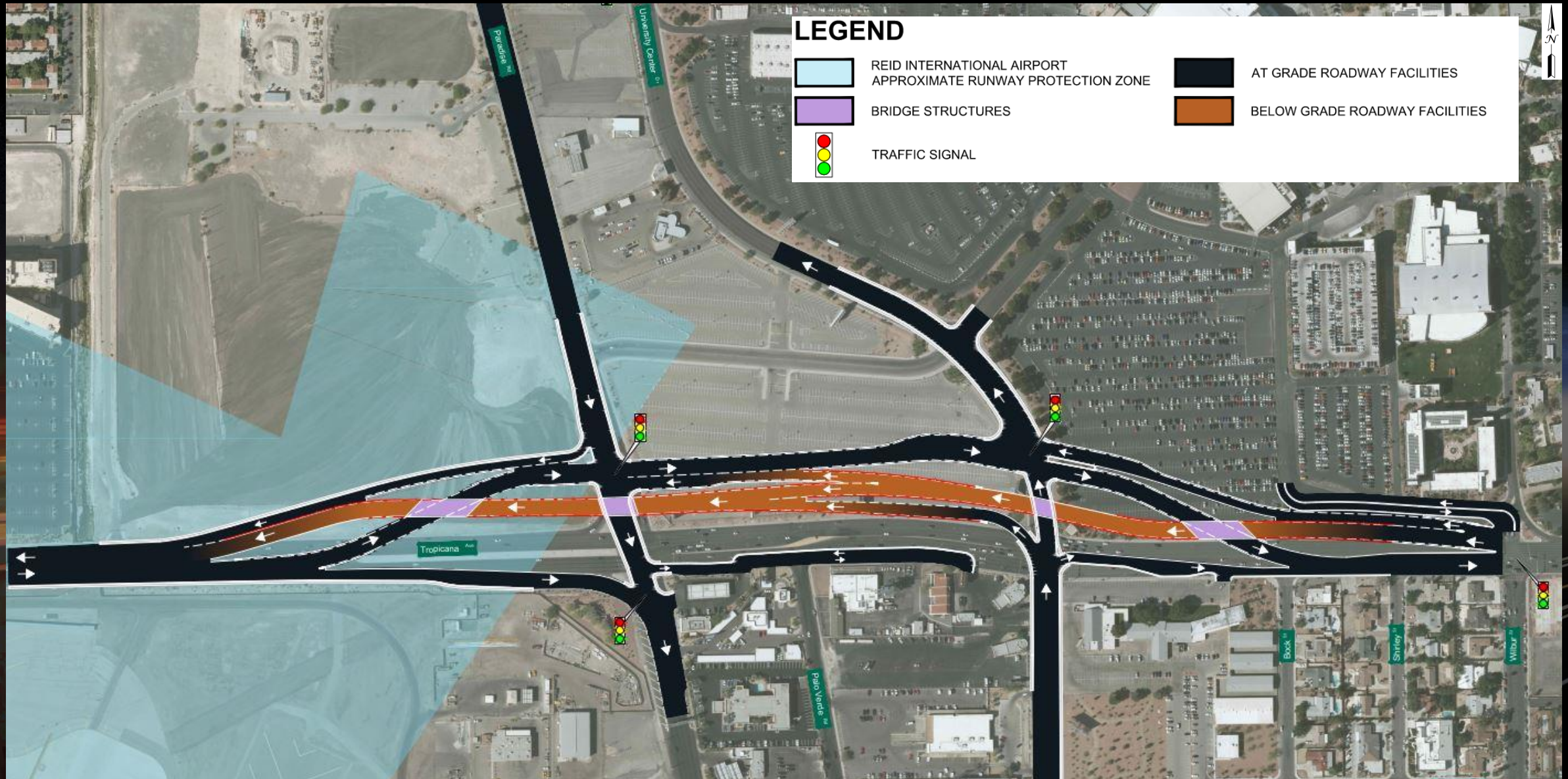
Update

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- July 7, 2020: Original Diverging Diamond Interchange (DDI) presented to the Board
 - Jan 12, 2022: FAA approval of DDI Alternative
 - Summer 2023: Phase 1 drainage construction to start
 - Groundwater Permit submitted
 - FAA Environmental Cat Ex being prepared in conjunction with DOA
 - Ongoing coordination with UNLV, DOA, RTC & Utilities
 - Recent construction cost escalations led us to create a revised alternative

LEGEND

- REID INTERNATIONAL AIRPORT APPROXIMATE RUNWAY PROTECTION ZONE
- BRIDGE STRUCTURES
- AT GRADE ROADWAY FACILITIES
- BELOW GRADE ROADWAY FACILITIES
- TRAFFIC SIGNAL

Revised DDI Alternative



Alternative Comparison

Alternatives	Estimated Cost
Original DDI Alternative	\$195,000,000
Revised DDI Alternative	\$115,000,000

Pros and Cons of the New Alternative

(in comparison with the Original DDI)

Pros	Cons
• Lower cost	• Less traffic operations benefits
• Better transit access	• Two additional traffic signals
• Better pedestrian and bicycle accessibility	• More points of conflict at intersections
• Less construction impact in the airport RPZ	• More at-grade roadway within the airport RPZ
• Shorter construction duration	
• Less below-grade roadway = less groundwater mitigation	