



Streets and Maintenance Department

City Council Meeting October 16, 2018 Agenda Item 18.1

"Delivering Outstanding Services"



Montoya Drive Agenda Item – September 18, 2018 Summary

City staff presented on Montoya Drive, between Meadowlark Drive and Montoya Road, to City Council:

- Annexation History
- Existing Conditions
- Historical Studies/Actions that Impacted Street
- Unique Challenges
- Planned Studies

Council Direction (Report back to Council within 30 days):

- Initiate a vehicle and pedestrian traffic study
- Report results and recommendations
- Consider any possible grant funding for potential safety improvements
- Engage with other public entities (EPISD, El Paso County Water Improvement District #1, etc.)



Montoya Drive Vehicle & Pedestrian Studies

Vehicular Speed and Volume Studies:

- Two separate occasions (including major intersecting streets)

Pedestrian Studies:

- At Lindbergh and Mulberry intersections

Multi-Way Stop Study at Redd Road:

- Two separate occasions

Accident Analysis:

- 2014 – Present

Note: Some studies may be impacted by "GO 10" project, as drivers seek alternative routes to avoid I-10 construction (especially I-10/Mesa intersection).



Overall 2.5-Mile Length

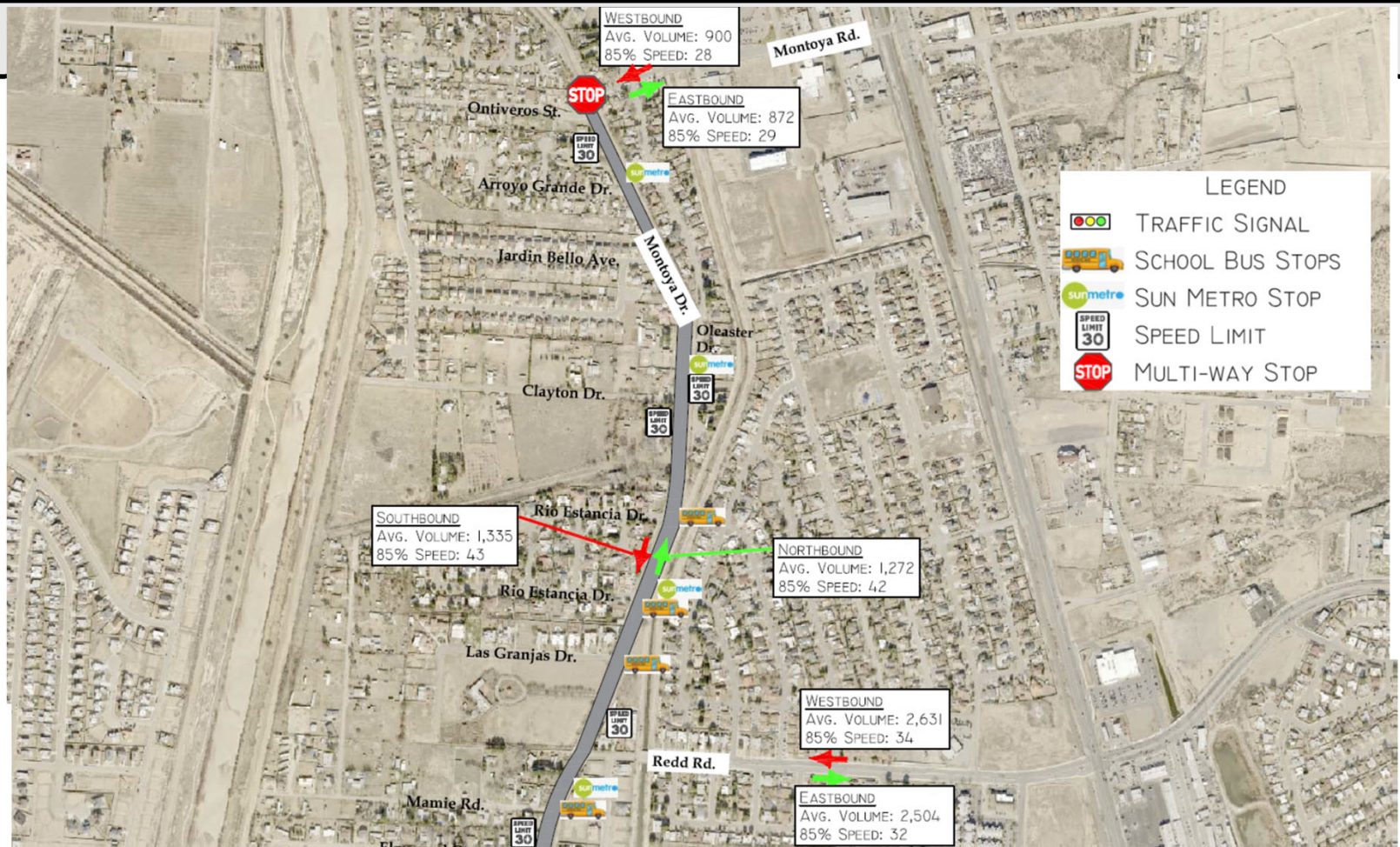
Three Sections

1. Btw Montoya Rd and Redd Rd (North)
2. Btw Redd Rd and Lindbergh Ave (Middle)
3. Btw Lindbergh Ave and Meadowlark Dr (South)



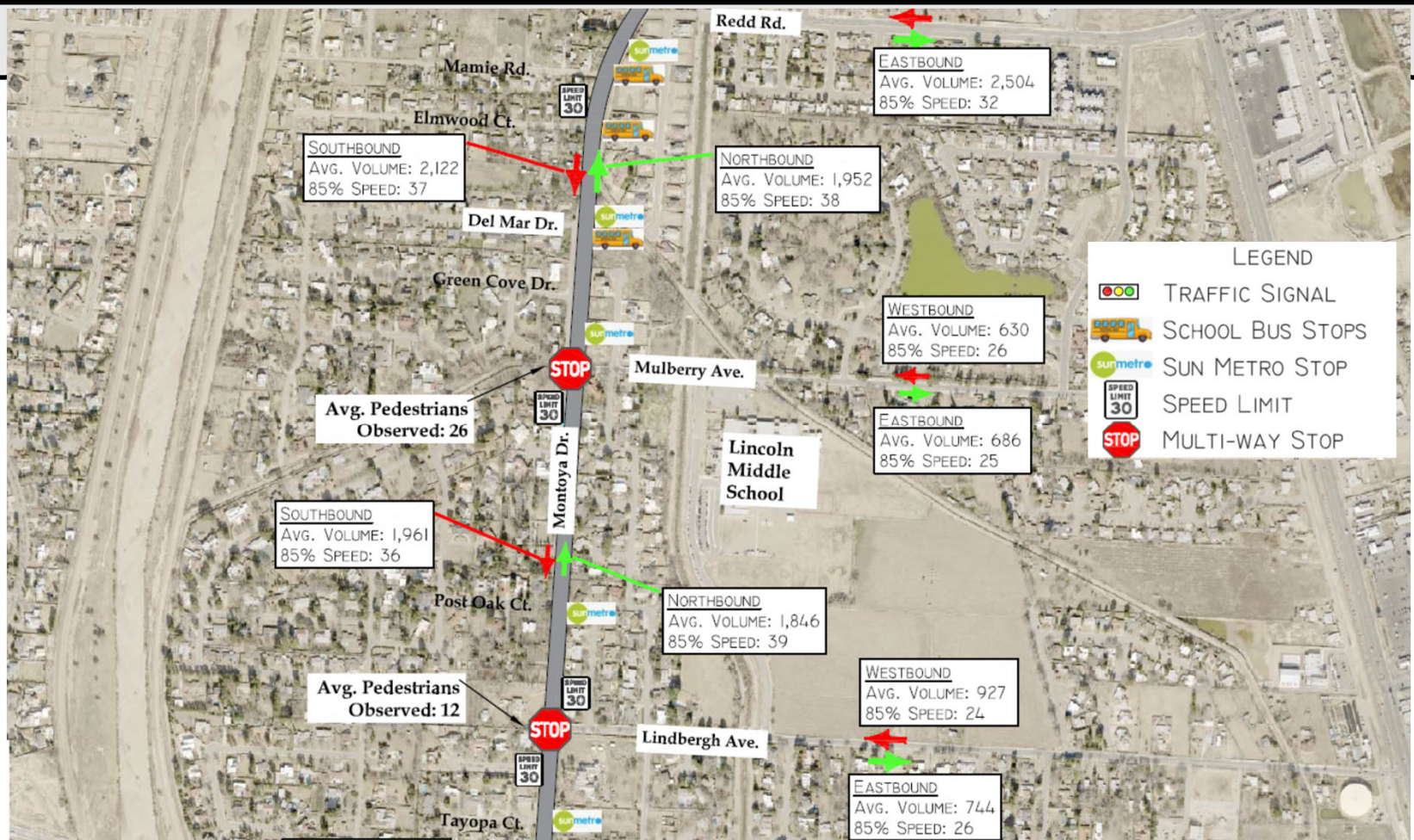


Montoya Drive Vehicle & Pedestrian Studies (Sec 1 – North)





Montoya Drive Vehicle & Pedestrian Studies (Sec 2 – Middle)





Montoya Drive Vehicle & Pedestrian Studies (Sec 3 – South)





Montoya Drive Immediate Recommendations

After reviewing studies, staff present the following recommendations:

- Install speed cushions along Montoya Drive
- Install multiway stop at Montoya Drive & Redd Road
- Refurbish crosswalks and stop bars



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Montoya Drive Quick Implementation Recommendations

Speed Cushions (10 Locations) & Multi-way Stop (Redd Road)

Speed Cushions

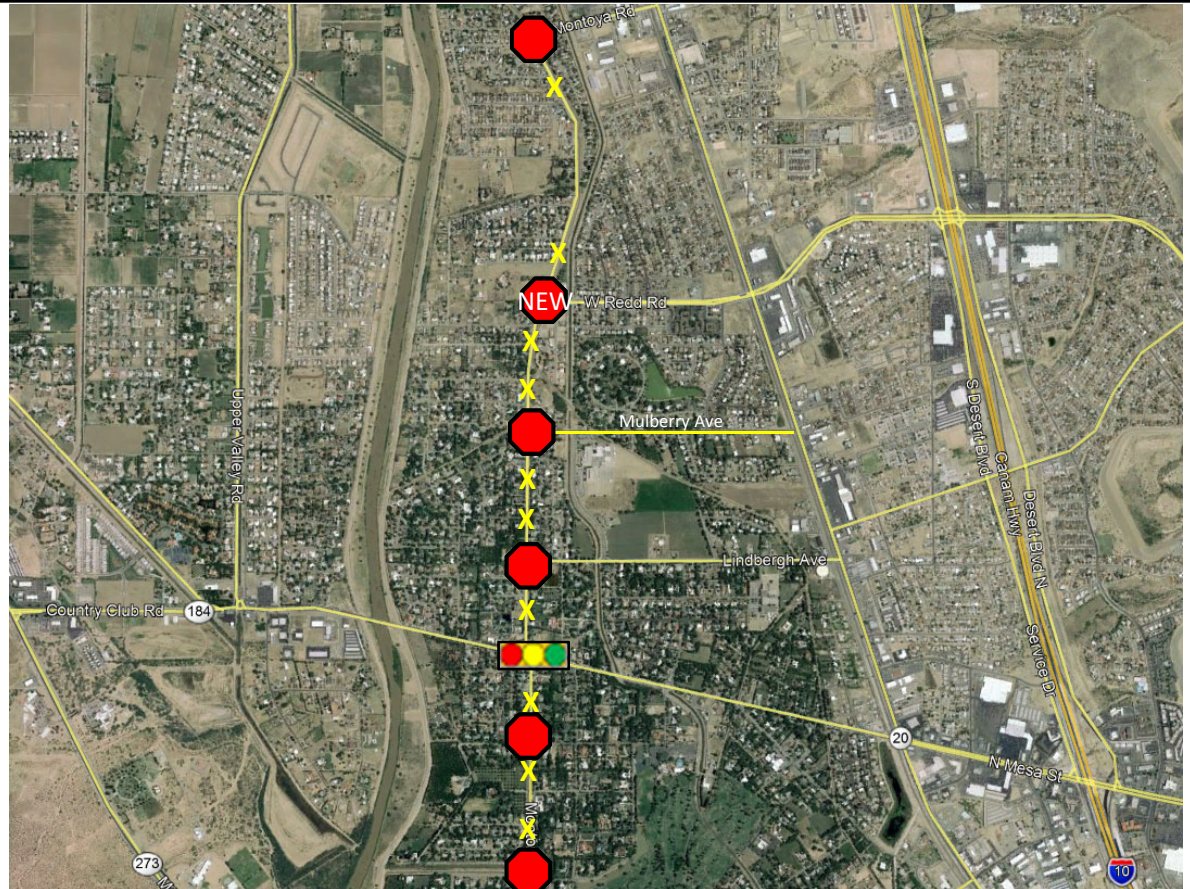
- 2 - Btw Montoya Rd & Redd Rd
- 2 - Btw Redd Rd & Mulberry Ave
- 2 - Btw Mulberry Ave & Lindbergh Ave
- 1 - Btw Lindbergh Ave & Country Club Rd
- 3 - Btw Country Club Rd & Meadowlark Dr

New Multiway Stop

- Montoya Dr/Redd Rd Intersection

Legend

- X – Proposed Speed Cushions Locations
- – Existing Multi-way Stops
- NEW – New Multi-way Stop





Montoya Drive Outside Engagement

Staff met with representatives from the following entities:

- El Paso Police Department (9-24-18)
 - Discussion focused on continued enforcement efforts
- El Paso Independent School District (9-26-18)
 - Next Slide
- El Paso County Water Improvement District (10-1-18)
 - Discussion focused on openness to designating a trail along Montoya lateral
- Paso Del Norte Health Foundation (10-8-18)
 - Discussion focused on funding opportunities through PDNHF and/or other entities and mechanisms
- Moms on Board (10-11-18)
 - Recap of studies and discussion of recommendations

Future Meetings

- SunMetro
 - Discussion regarding potential relocations of Montoya bus stops

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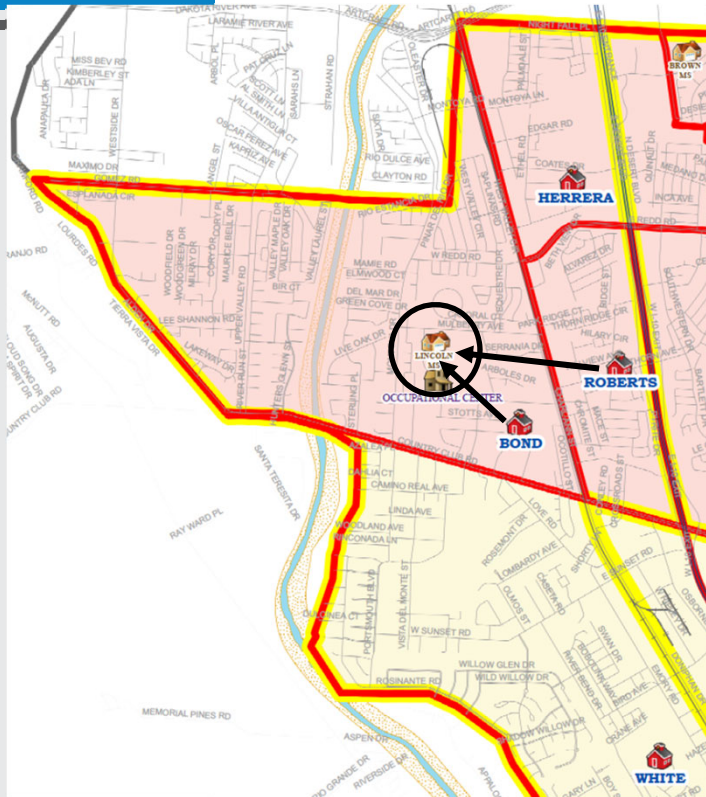
Montoya Drive Outside Engagement (EPISD)

Existing Conditions:

- EPISD PD is looking exploring grant funding to support traffic enforcement
- There are 8 total school bus stops along Montoya
 - 5 of 8 potentially can be relocated (EPISD coordination)

Future Planning Needs:

- Lincoln Middle School will become a consolidated PK-8 campus (expected to open in Summer 2021).
 - 3 schools in one: Lincoln MS (Don Haskins), Mitzi Bond ES, Oran Roberts ES
 - Going from 1,000 to 1,500 student capacity
 - Since Oran Roberts ES is located east of Lincoln (Thorn & I-10), it would not be expected that ingress to school – from Montoya – will be impacted; Mulberry and Lindbergh would be utilized.
 - Egress – via Montoya – is a greater possibility.





Montoya Drive Outside Engagement (EPCWID & PDNHF)

The El Paso County Water Improvement District is open to lateral modifications to accommodate a trail; however, enhancements would need to include lining lateral with concrete.

Although the PDNHF has participated in lateral and drain enhancement projects, the Montoya lateral is not on their master plan.

Estimated cost: Greater than \$1 million/mile



Montoya Lateral



Playa
Drain
Trail

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Montoya Drive Future Considerations

After reviewing studies, consulting plans, and engaging with other entities, we present the following items to consider:

- **Montoya Lateral Trail with EPWCID (funding undetermined)**
 - Given limited right-of-way and expenses to reconstruct Montoya with sidewalks, improving the existing lateral – already utilized as a path – provides pedestrian connectivity and limits impact to Upper Valley
- **Redd/Gomez Extension over Rio Grande per Upper Valley Plan (coordinate with MPO)**
 - Creates additional connectivity and disperses traffic by giving drivers more options to ingress and egress the Upper Valley (including school access)
- **Limit Sidewalk Waiver Allowances (coordinate with Planning)**
 - Requiring sidewalk – even if it does not connect to an existing network – limits the reliance on City funds in the future
- **Modify Lane Configuration on Country Club Road near Doniphan Drive**
 - Eastbound lane reconfiguration may increase capacity for traffic along Country Club and reduce need for Montoya as alternate route option



Summary of Actions, Recommendations & Considerations

SAM Implementation (funded)

- Install speed cushions along Montoya Drive (30 - 60 days)
- Install multi-way stop at Montoya Drive & Redd Road (within 30 days)
- Refurbish crosswalks and stop bars (within 30 days)

Re-evaluate implemented action after 6-12 months.

External Assistance

- Relocate school bus stops along Montoya Drive (EPISD)
- Fund additional traffic enforcement in and around Montoya Drive (EPISD)
- Relocate SunMetro bus stops along Montoya Drive (ongoing conversation)
- Limit Sidewalk Waiver Allowances (Planning)

Future Considerations (not funded)

- Montoya Lateral Trail with EPWCID
- Redd/Gomez Extension over Rio Grande per Upper Valley Plan
- Lane Modifications on Country Club Road near Doniphan Drive

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