



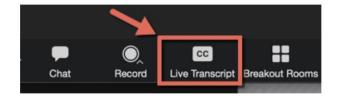
VIRTUAL
PUBLIC MEETING
April 26, 2022

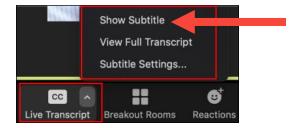
Cerrillos Road
Alignment Study
Saint Michaels Drive
to Saint Francis Drive
CN S100680

Meeting Platform: Zoom Webinar

This meeting is being recorded

- ▲ Only presenters will be on video
- ▲ To see closed captioning, turn on Live Transcript





Questions & Answers - Please add project-related questions in the Q&A dialogue box



✓ During Q&A, if you would like to speak, raise your hand (*9 if you have dialed-in)



Presenters

∠ Team Presenters:

- Paul Brasher, P.E.
 NMDOT District 5 Engineer
- Estevan Gonzales, P.E.
 NMDOT Project Development Engineer
- Regina Wheeler, P.E.
 CoSF Public Works Director
- Erick AuneSFMPO Officer
- Terry Ward, P.E.
 WSP Project Manager
- Jennifer Hyre
 WSP Environmental Planner
- Sarah Ganley BHI Drainage Engineer









Agenda

Presentation Topics

- 1. Brief Background
- 2. NMDOT Project Development Process Where we are at
- 3. Previous Public Meetings and Stakeholder Outreach Recap
- 4. Preliminary Recommendations
- 5. Corridor and Site-Specific Improvement Recommendations
- 6. Environmental, Right-of-Way, Cost and Phasing
- 7. Schedule and Next Steps
- **Q&A Session (after the presentation)**

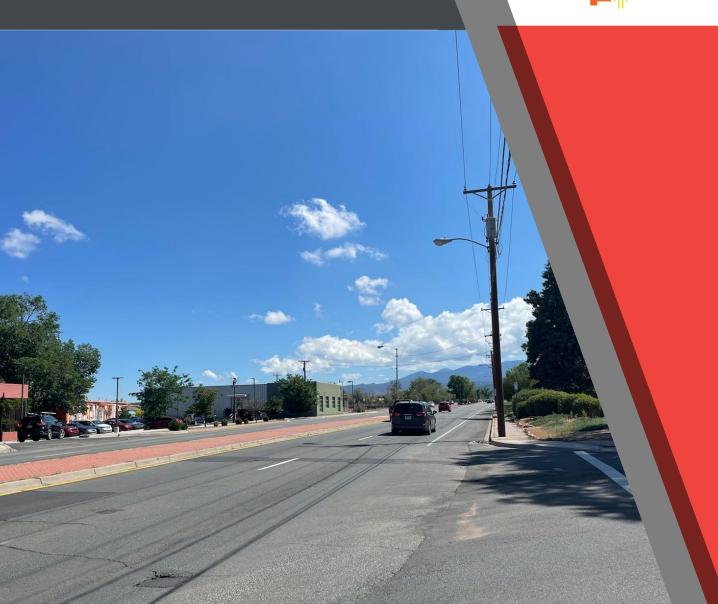










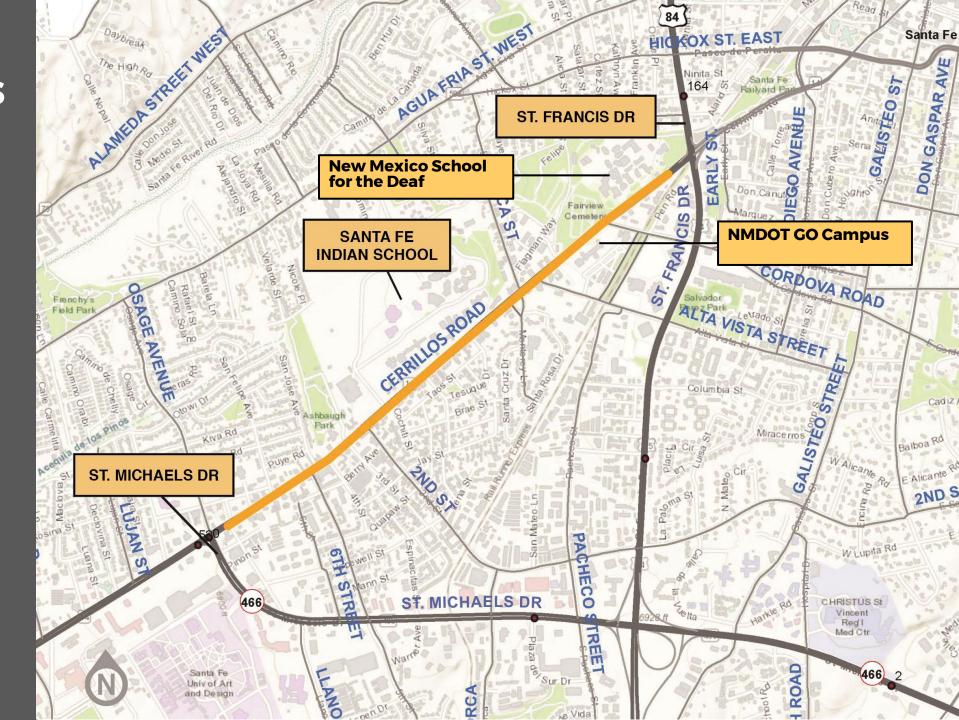


Brief Background

Project Limits

St. Michaels Drive to St. Francis Drive (1.6 miles)

The intersections at St. Francis and St. Michaels are <u>not</u> part of this project.



Project Background



- ▲ Final segment of the Cerrillos Road
 Reconstruction project from Airport Road to St.
 Francis Drive
 - » Environmental Assessment completed in 1998, under NMDOT Project No. NH-001-4(19)49
- ▲ NMDOT will turn over the Cerrillos Road project corridor to the City of Santa Fe at construction completion

Project Purpose and Need







Project Purpose and Need

- » Addressing deficiencies by improving traffic operations and safety
- » Updating the corridor to meet current design standards
- » Enhancing ADA accommodations and multi-modal accessibility

Proposed alternatives do not include adding travel lanes

Transit stops and multi-modal access and connectivity will be considered

Project Need







✓ Project is needed to address:

- » Pavement deterioration
- » Sidewalks in poor condition
- » Portions with no sidewalks
- » Portions of sidewalks not ADA compliant
- » Sporadic bicycle facilities
- » Traffic and safety concerns
- » Existing drainage problems and flooding
- » Closely-spaced driveways
- » Encroachments into existing right-of-way (ROW)

Strive to rehabilitate and enhance the highway to current design standards







NMDOT Project
Development Process Where we are at

Project Development Process

Phase IA/B: Alignment Study

- » Establish Why Improvements are Needed
- » Evaluate Alternatives and Select How Improvements will be Implemented

- Phase I
 - » Currently nearing the end of Phase IA/B
- » Phase II (60%-100%)
 - » Final Design
- » Phase III
 - » Construction

Phase IC: Environmental Processing

- » Environmental Investigations
- » Obtain Authorization to Design and Construct Improvements

Phase ID: Preliminary Design

- » Preliminary Engineering (30% plans)
- » Define Right-of-Way Needs
- » Prepare Engineering Cost Estimate

Stakeholder and Public Involvement

- Ongoing throughout Phase I and II







Previous Public
Meetings and
Stakeholder Outreach Recap

Phase IA
Alternatives
Development

Suite of Ten (10) Typical Sections

Screening to Two (2) Alternatives

- 4' Bike Lane
- 5' Bike Lane

Materials Available on Project Website

▲ Public Meeting #1



Suite 400

Albuquerque, NM 87110

MetroQuest Survey Responses accepted until August 20, 2021



▲ Public Meeting #1

- » MetroQuest Survey
 - 263 people participated
 - 659 comments
 - 733 data points
- » Additional public comments received from phone calls and emails
- » Shared with NMDOT, CoSF and SFMPO staff
- » Public Outreach and Comment Summary Report developed from responses

See project website https://nm14cerrillos.nmdotprojects.org/

MetroQuest Survey and Public Input -What we heard



▲ Public Meeting #1

» MetroQuest Survey and Comments/Responses

<u>Improved Bike Lanes and Paths</u>

- ✓ During the Phase IB detailed evaluation of alternatives effort, provide more weighting to the 5' bike lane alternative.
 - » Early in Phase IB, the 4' bike lane alternative was eliminated in close coordination with CoSF and SFMPO staff.
- ✓ Consider green markings for the bike lanes.
 - » The green markings are not planned based on discussions with CoSF and SFMPO staff. Wider pavement markings for the line between the driving lane and the roadway shoulder / bike lane will be reviewed in Phase ID of the project.
- ✓ Work with CoSF staff to identify an alternate on-road bike route that does not include Cerrillos Road.
 - » This effort has been initiated with CoSF and SFMPO staff.
- ✓ Do not include the drainage gutter width in the calculation of the bike lane width
 - » Has not been done to date

MetroQuest Survey and Public Input What we heard



✓ Public Meeting #1

» MetroQuest Survey and Comments/Responses

Improved Traffic Safety

- ✓ Provide more uniform corridor overhead lighting.
- ✓ Include overhead lighting at the Railfan, Santa Fe Indian School, Baca Railyard and San Felipe Ave. intersections.
- ✓ Close the SB Cerrillos Road turn lane to the NMDOT GO Campus.
- ✓ Implement traffic calming measures such as narrower traffic lanes and landscaping.
 - » These elements are included in the typical sections advanced to Phase IB.
- ✓ Review/Improve traffic signal timing.
- Perform a Railfan Traffic Signal and Access Study to determine if a traffic signal is warranted at this location.
 - » This is in progress, depending on when traffic conditions allow for updated traffic counts.
- ✓ Implement access management improvements for the businesses across from the Santa Fe Indian School.
- ✓ Consider Red Light running cameras in cooperation with CoSF. (not included in project)
- ✓ Increase speed enforcement. (not included in project)

MetroQuest
Survey and Public
Input What we heard



▲ Public Meeting #1

» MetroQuest Survey and Comments/Responses

Traffic Flow During Construction

✓ No recommendations provided – communications will be key in advance of construction.

Better Bike / Pedestrian Crossings

- ✓ Consider crossings of Cerrillos Road in the Ashbaugh Park, Railfan /Alta Vista, Santa Fe Indian School areas, and areas where long stretches of the Cerrillos Road corridor do not have crossings.
- ✓ Incorporate planning for a future Railfan trail underpass as planned by SFMPO.
 - » In discussions with CoSF and SFMPO staff, this will not be included in the Cerrillos Road project.

Add Sidewalks where None Exist

- ✓ Improvements are planned to address this concern.
- ✓ Additional land has been requested from the Santa Fe Indian School for improvements in that area of the Cerrillos corridor.

MetroQuest Survey and Public Input -What we heard



▲ Public Meeting #1

» MetroQuest Survey and Comments/Responses

How Long Construction Will Last

✓ No recommendations but communication will again be key.

Remove Sidewalk Obstructions

- ✓ Removal of these obstructions were recommended and are planned as part of the project.
- ✓ Power Poles and obstructions may remain but require 4' minimum sidewalk clearance.

Aesthetics

✓ Aesthetics were a low priority in the survey responses but remain an area of importance for the project team.

See project website https://nm14cerrillos.nmdotprojects.org/



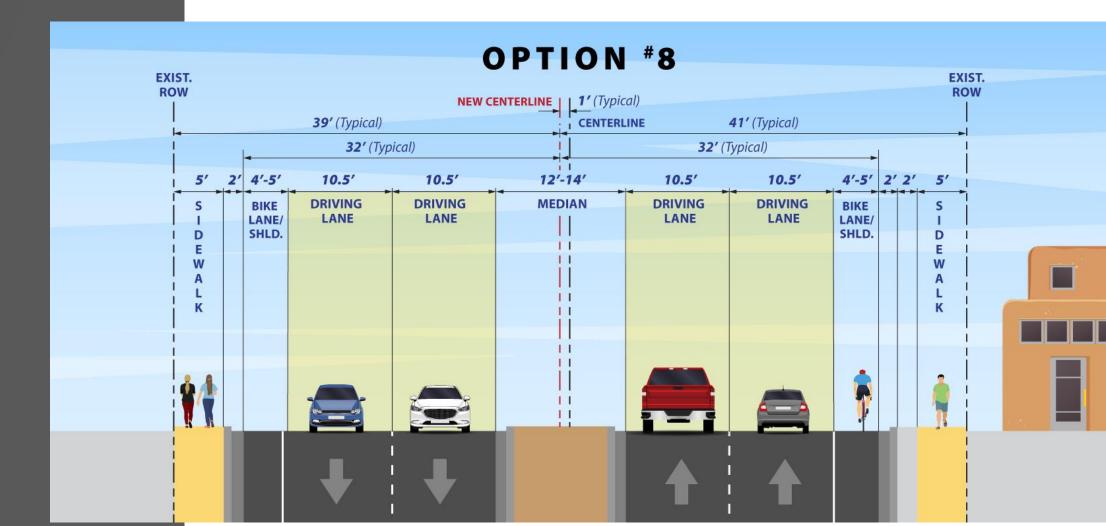




Preliminary Recommendations

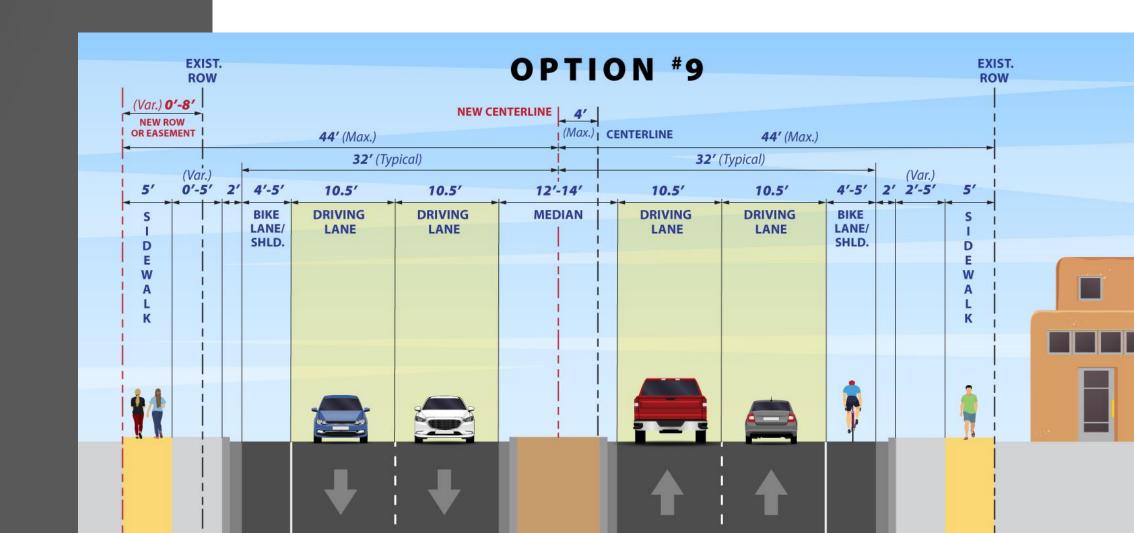
▲ Cerrillos Road Improvements

- » Typical Section Option 8 from Phase IA
 - Constrained Corridor Areas: still requires right-of-way to construct
 - 4' sidewalks in sidewalk constrained areas



▲ Cerrillos Road Improvements

- » Typical Section Option 9 from Phase IA
 - Where right-of-way may be available (SFIS Area)





Cerrillos Road Improvements

- » Options 8 and 9 in Phase IA combined into two corridor-wide alternatives with:
 - Variable 12-14' median
 - 10.5' driving lanes
 - <u>4' or 5' Bike Lanes</u> / Roadway Shoulder
 - 5' Sidewalks where feasible (4' minimum in constrained areas)
 - Wider sidewalk buffers where right-of-way may be available
 - ✓ Santa Fe Indian School Area
 - These are on the project website from the last public meeting
 - ✓ Option 8 4' Bike Lanes
 - ✓ Option 8 5' Bike Lanes
- ▲ A Study Working Group was formed in Phase IB to review the Phase IA alternatives and public feedback. NMDOT, CoSF and SFMPO staff participated in a series of meetings.
- ▲ The 4' bike lane / roadway shoulder alternative was eliminated by the Study Working Group.
- Only 5' bike lane / roadway shoulders are advanced from Phase IA.



▲ The Study Working Group added 6' sidewalks for consideration in areas where feasible

- » 4' or 5' sidewalks in constrained areas
- The 5' bike lane alternative with 5' sidewalks and 6' sidewalks, are on the project website and are proposed in Phase IB for further analysis
- » The decision on where 6' sidewalks will be provided, if any, will be made in Phase II - Preliminary Design
- » The analysis will review costs, right-of-way, environmental aspects and consider public feedback
 - Costs and impacts of right-of-way needs for the sidewalks will need to be carefully considered in the analysis
 - All recommendations are subject to right-of-way availability, cost, and environmental clearances

▲ The No-Build Alternative will also be considered

PNM Power Poles Remain a Challenge to Resolve

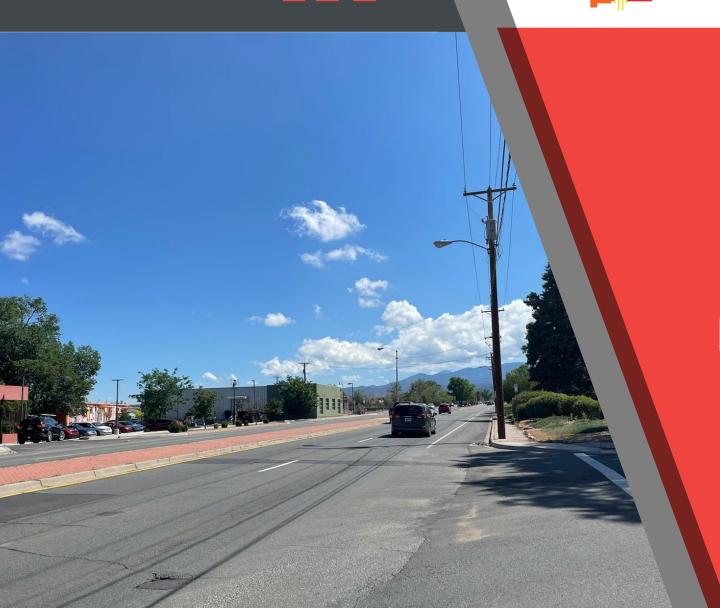
- » Conceptual Cost Estimate to bury: \$6 million (funding source not identified)
- » Does not include service reconnection or design costs, which are typically not covered by PNM

▲ The Study Working Group also developed site specific improvement recommendations

» A layout of the 5' sidewalk alternative will be shown in the next section of the presentation along with site-specific improvements







Corridor and
Site Specific
Improvement
Recommendations

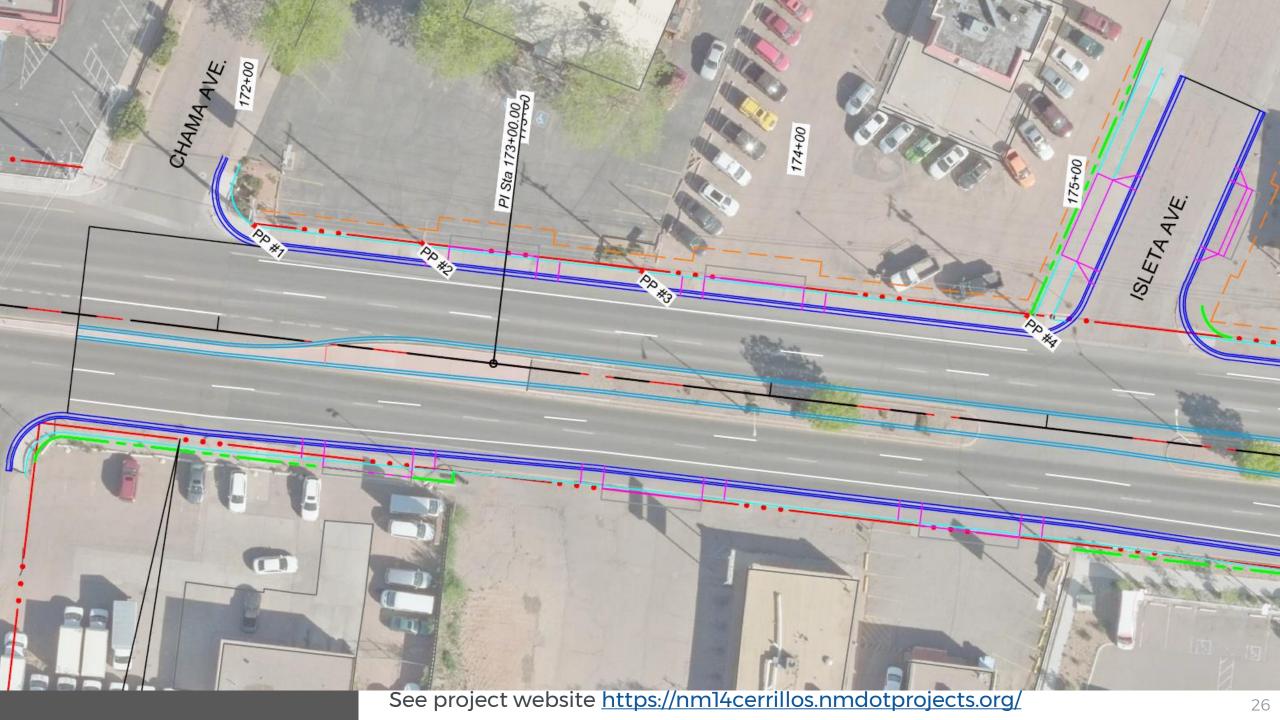
Typical Section Recommendations - Recap

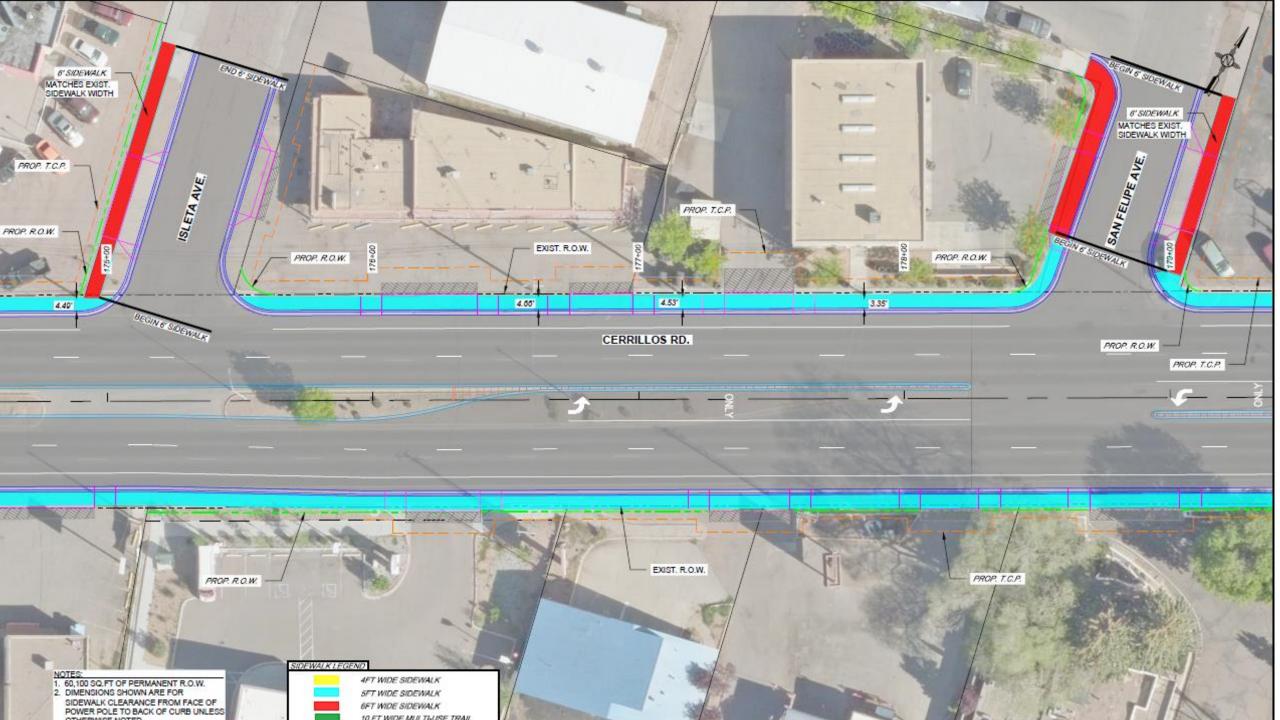
- Variable 12-14' median
- 10.5' driving lanes
- 5' Bike Lanes / Roadway Shoulder
- 5' or 6' Sidewalks where feasible (4' minimum in constrained areas)
 - ✓ Sidewalk width to be determined in Phase II Final Design
- Wider sidewalk buffers where right-of-way may be available
 - ✓ Santa Fe Indian School (SFIS) Area both sides of Cerrillos

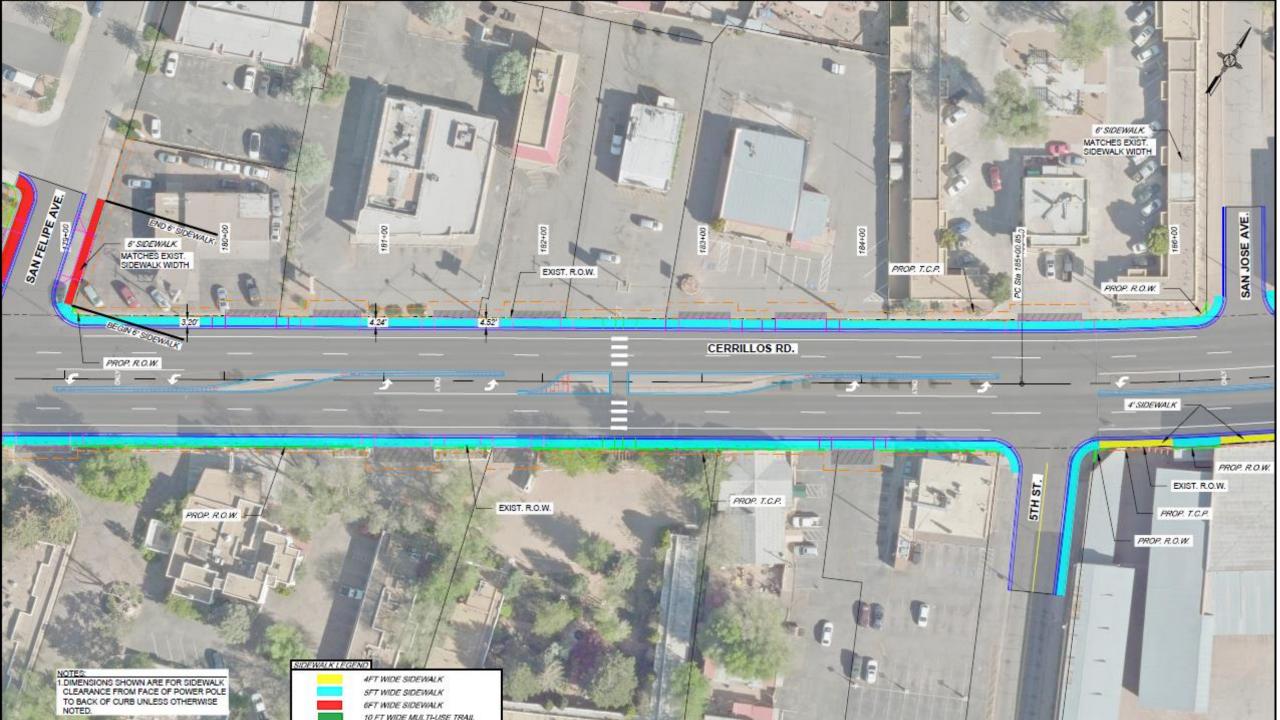
▲ 5' Sidewalk Alternative and Site-Specific Recommendations Shown Next

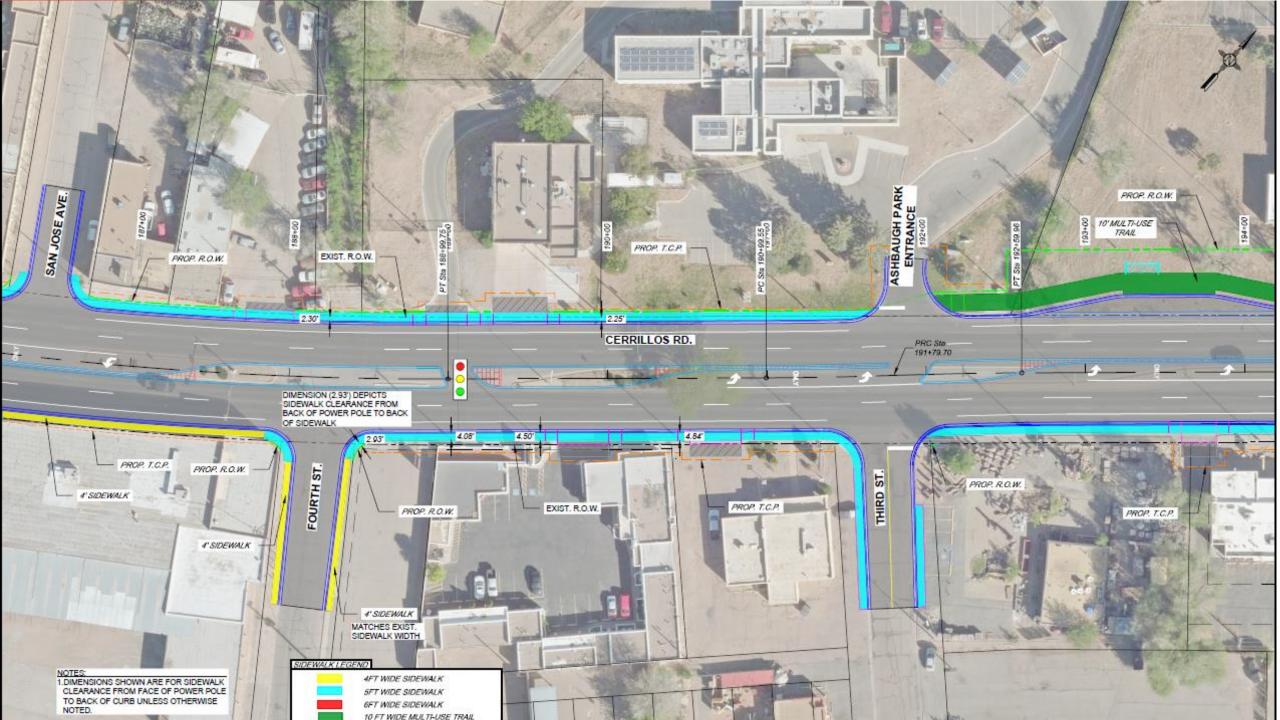
» 6' sidewalk alternative on project website

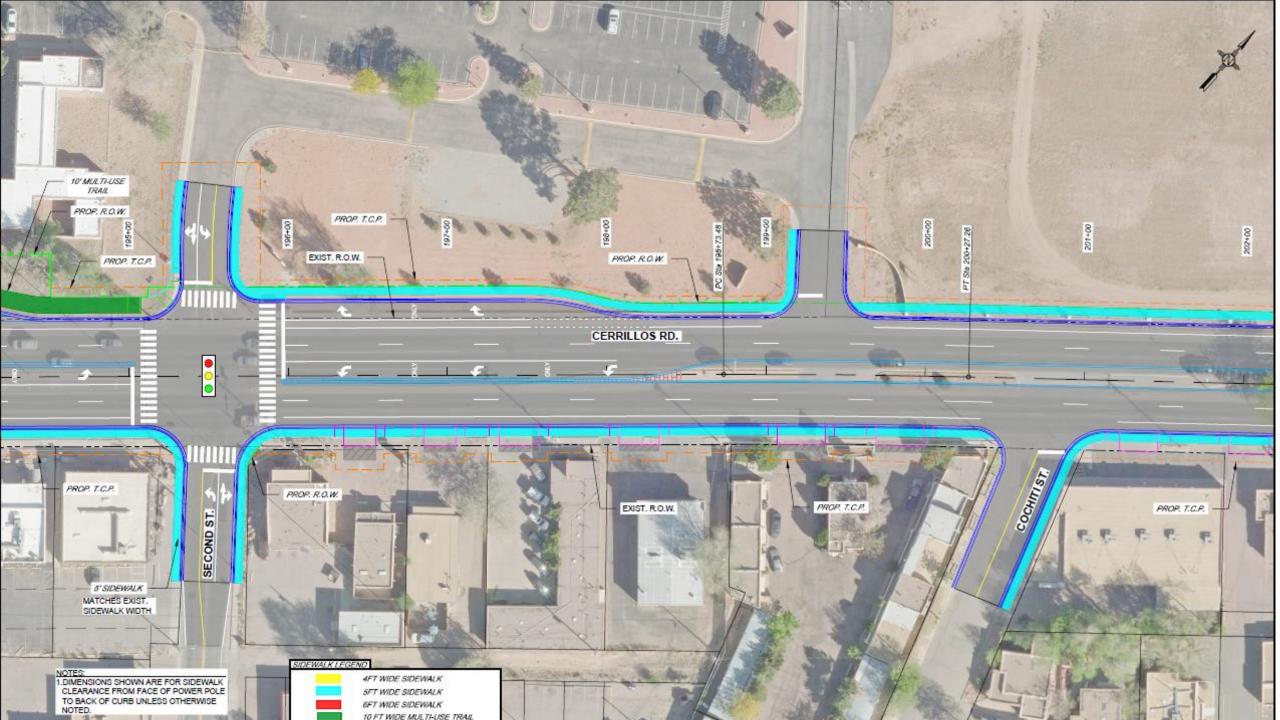
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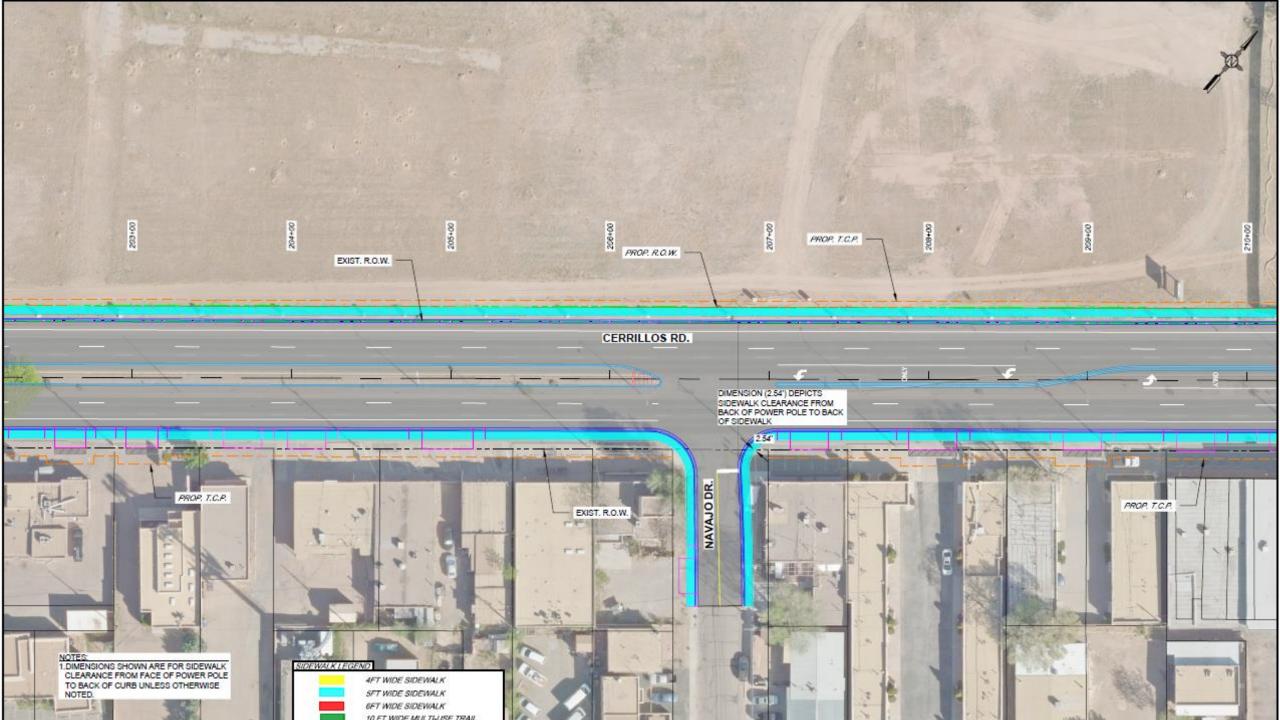


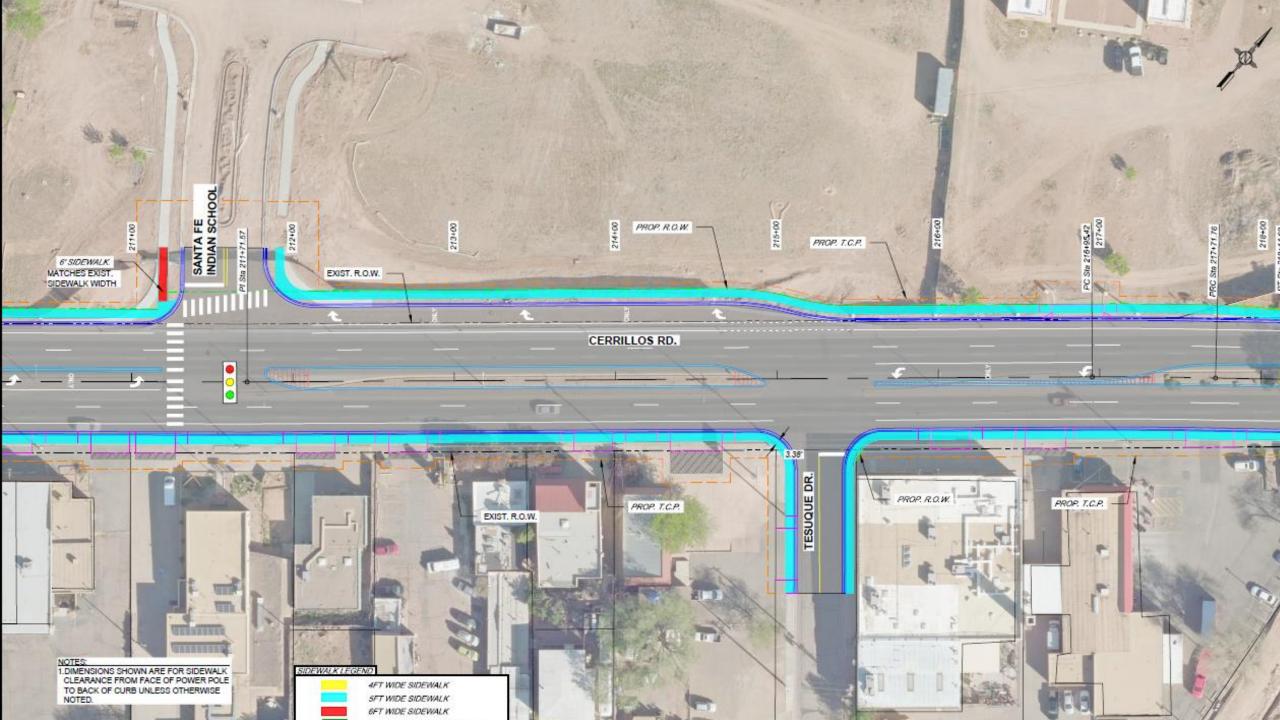


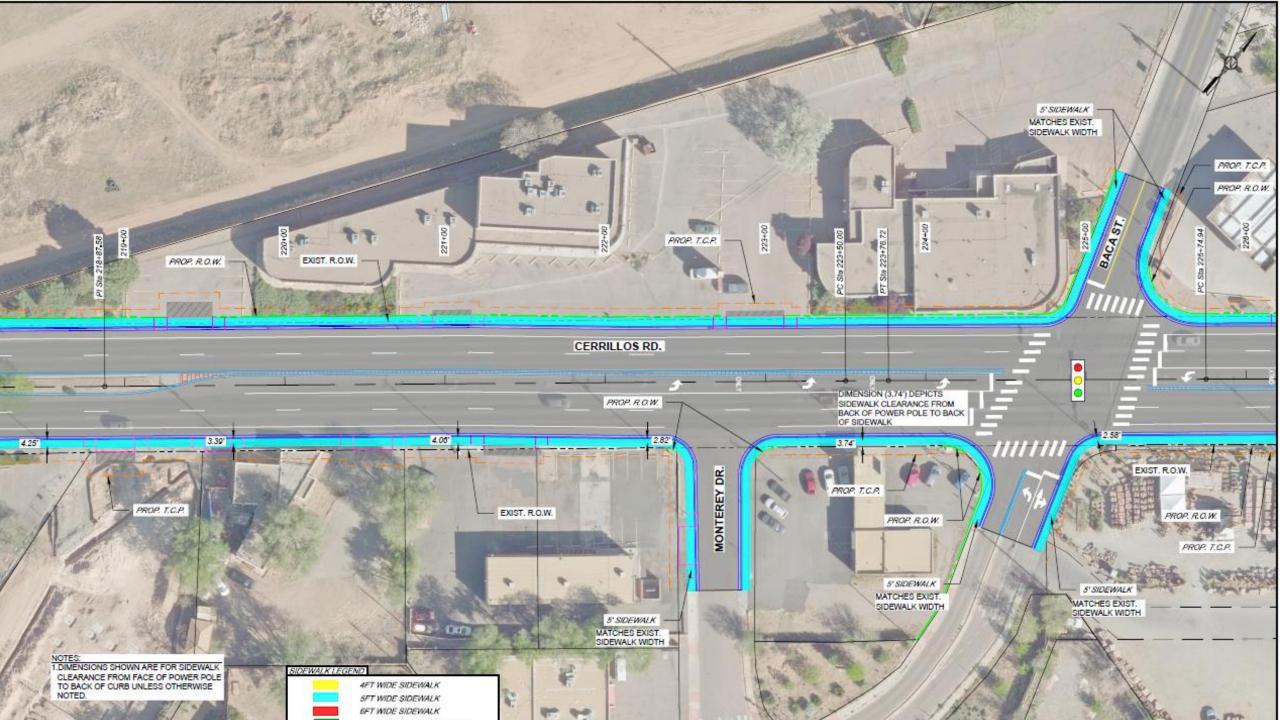


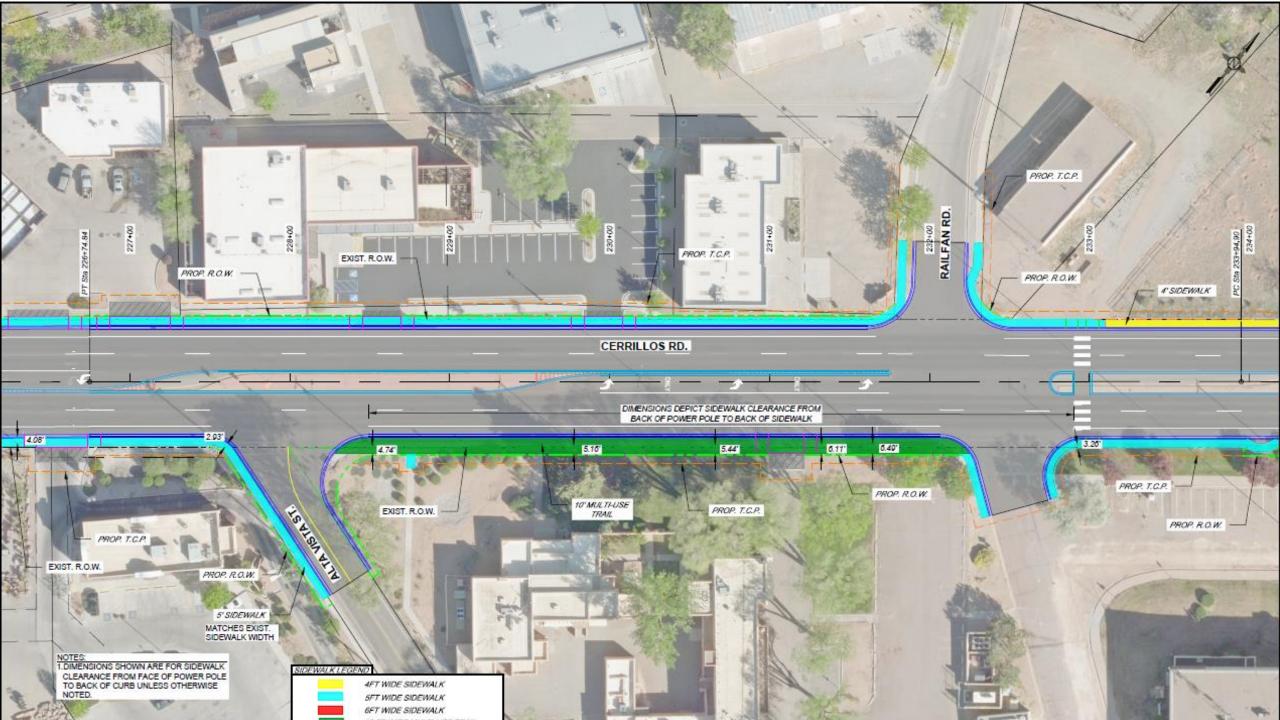


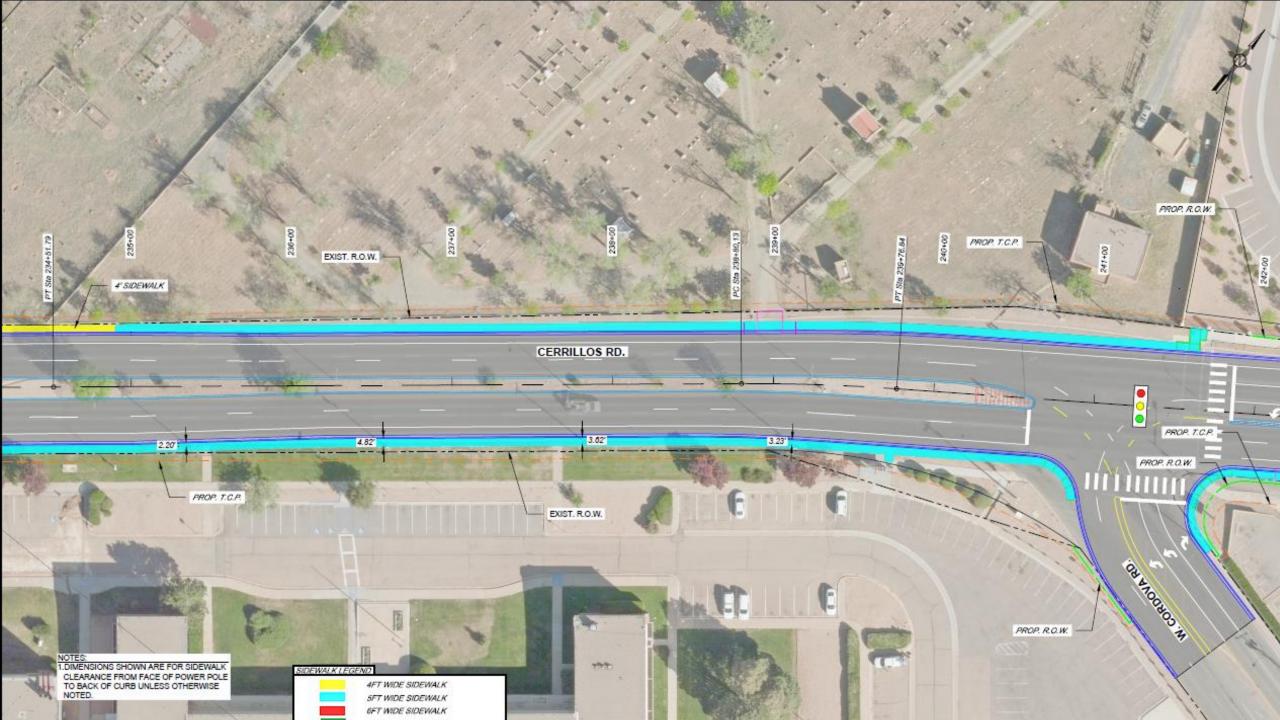


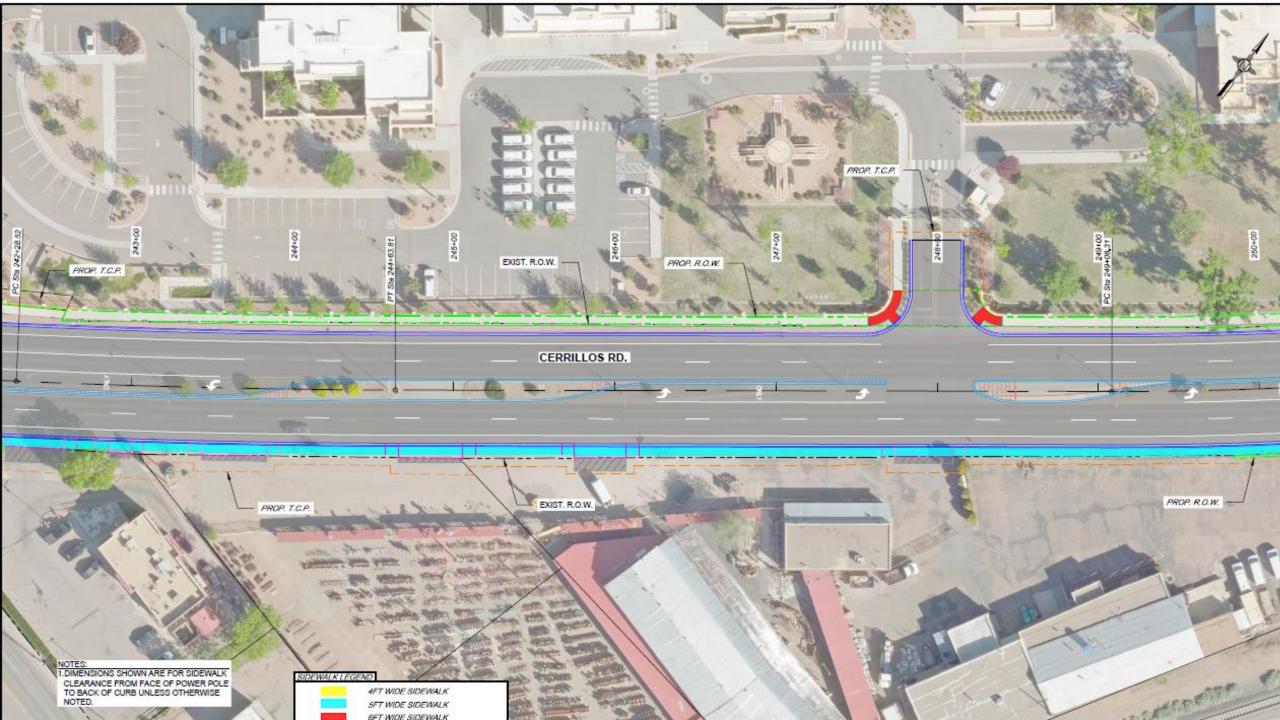


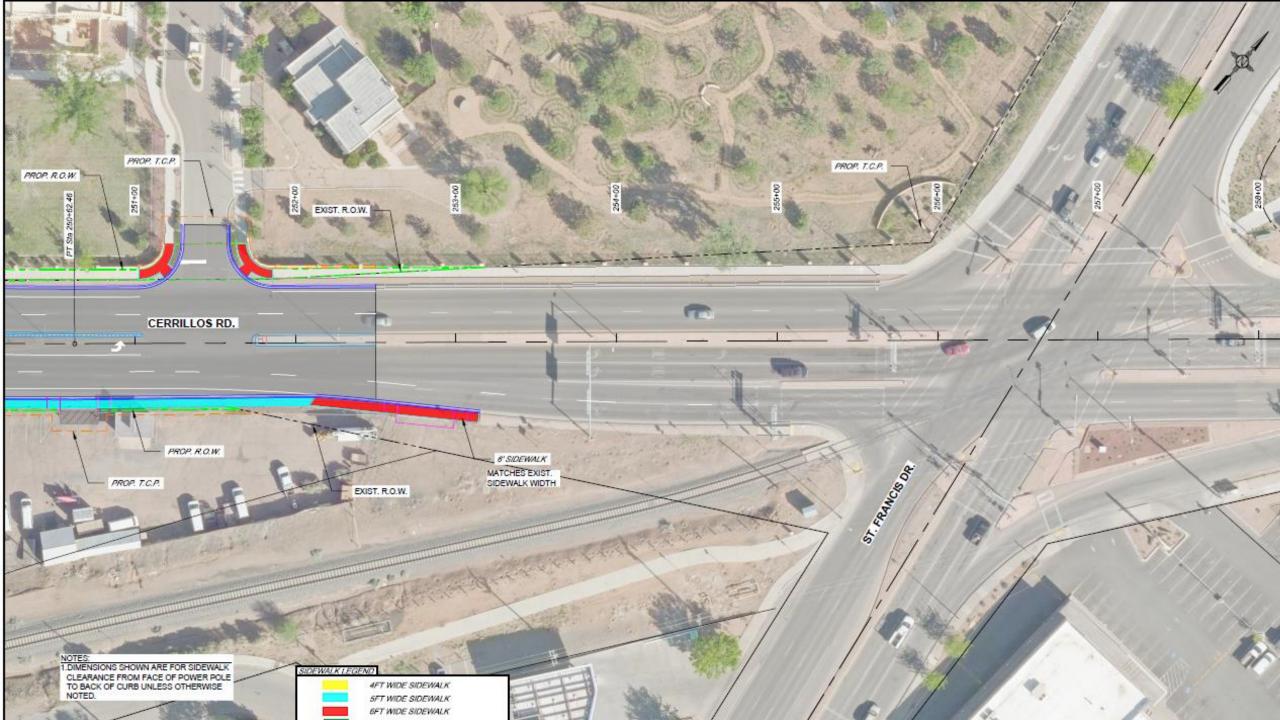








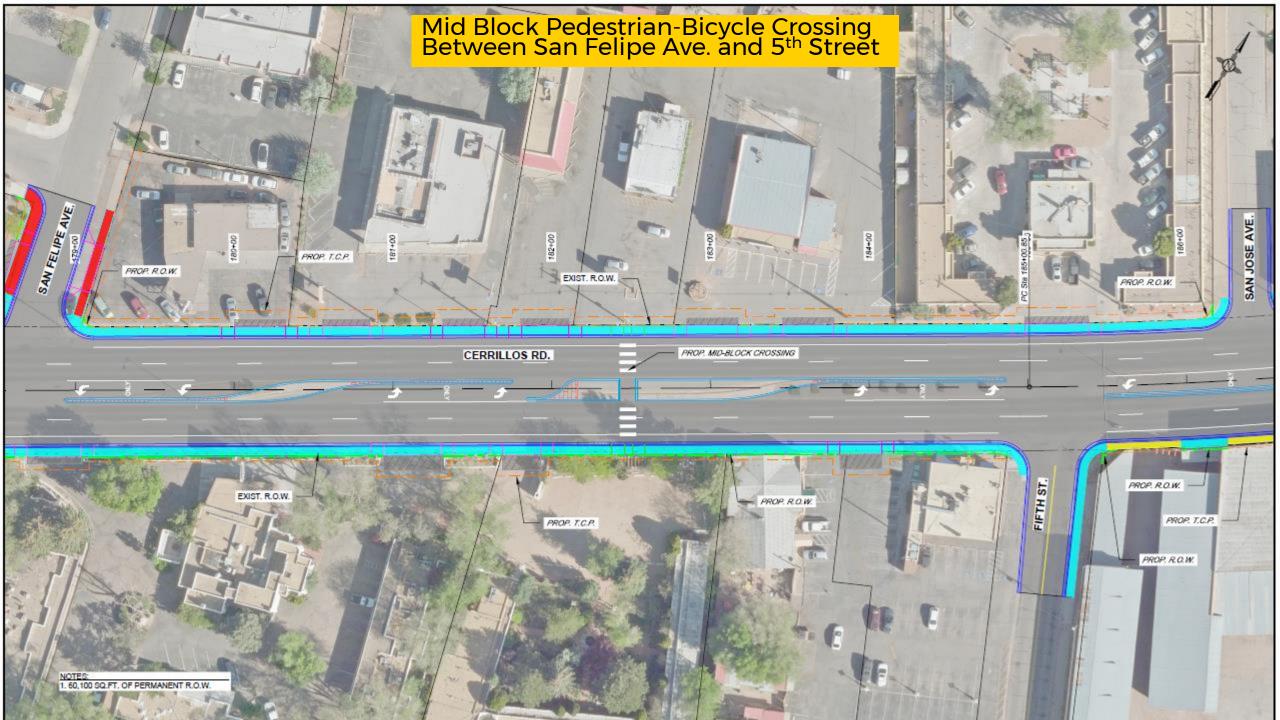


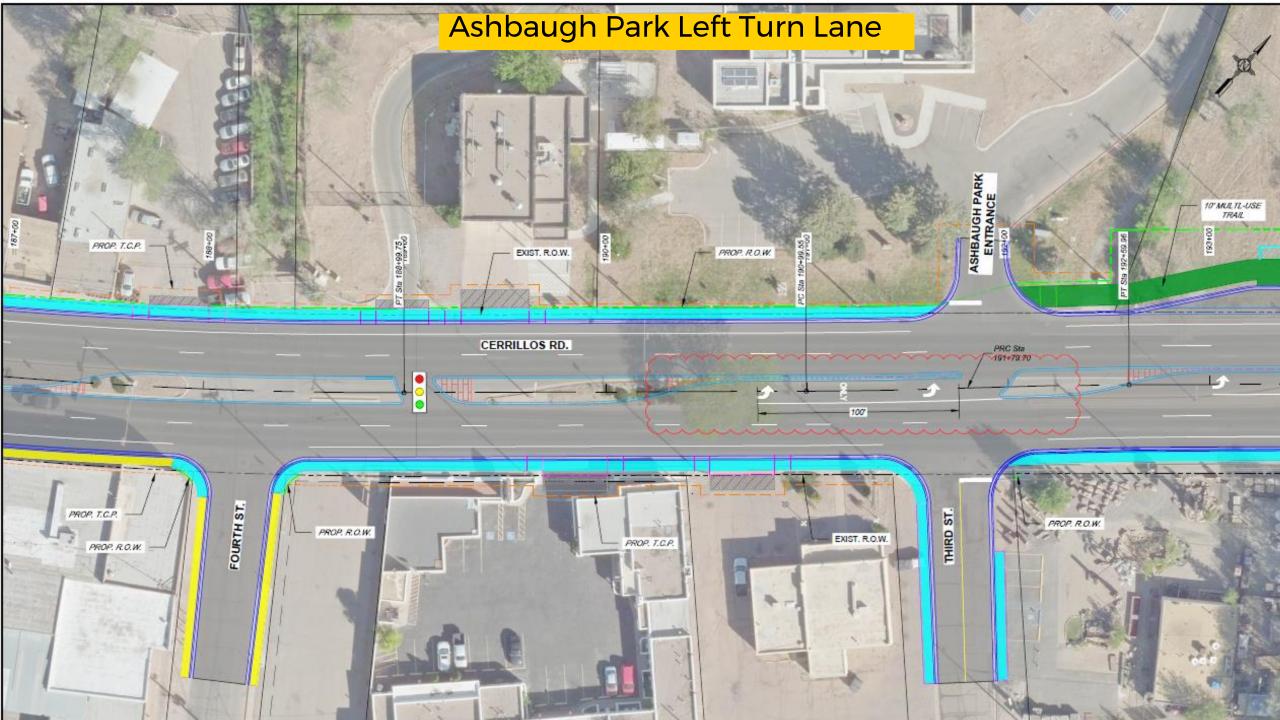


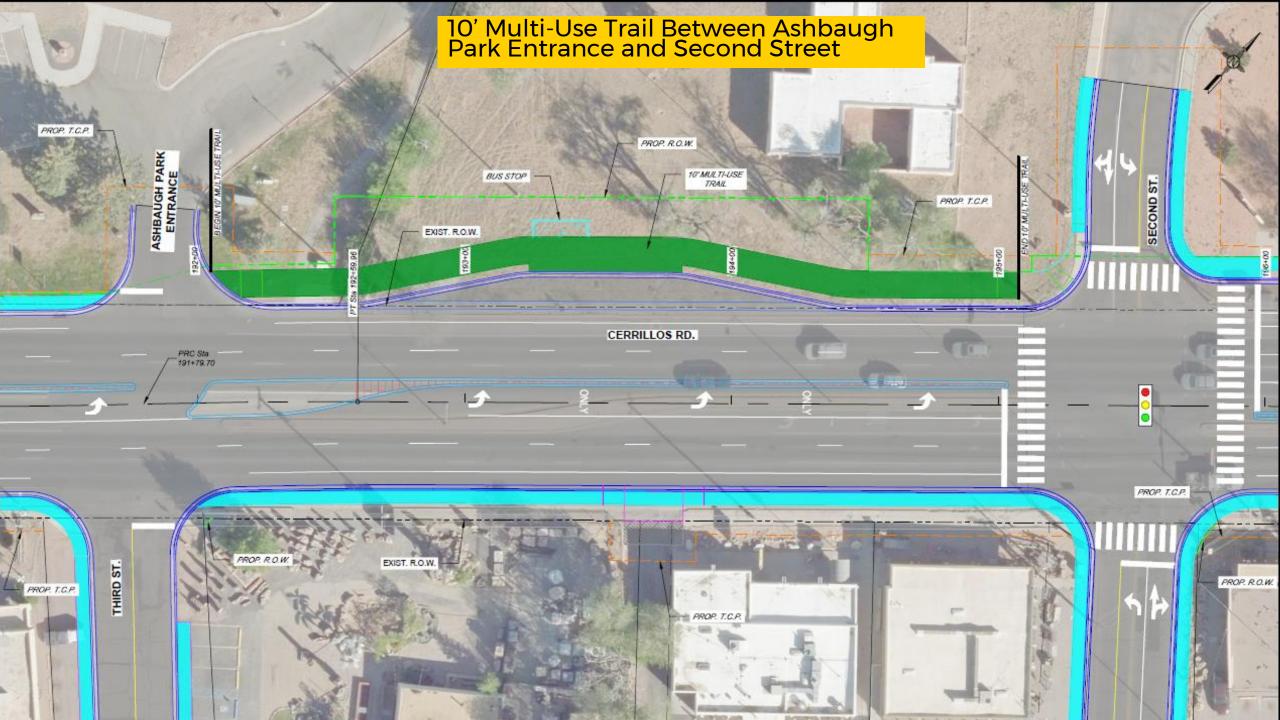


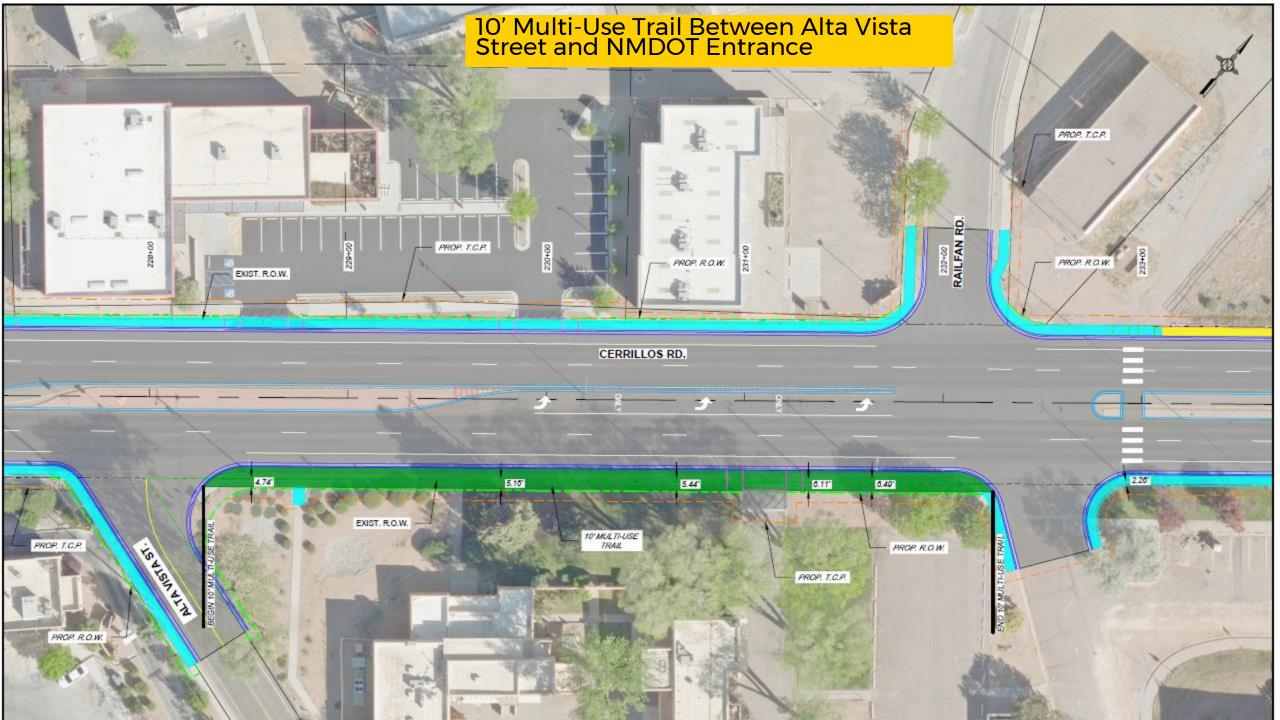
Site Specific Elements for Review

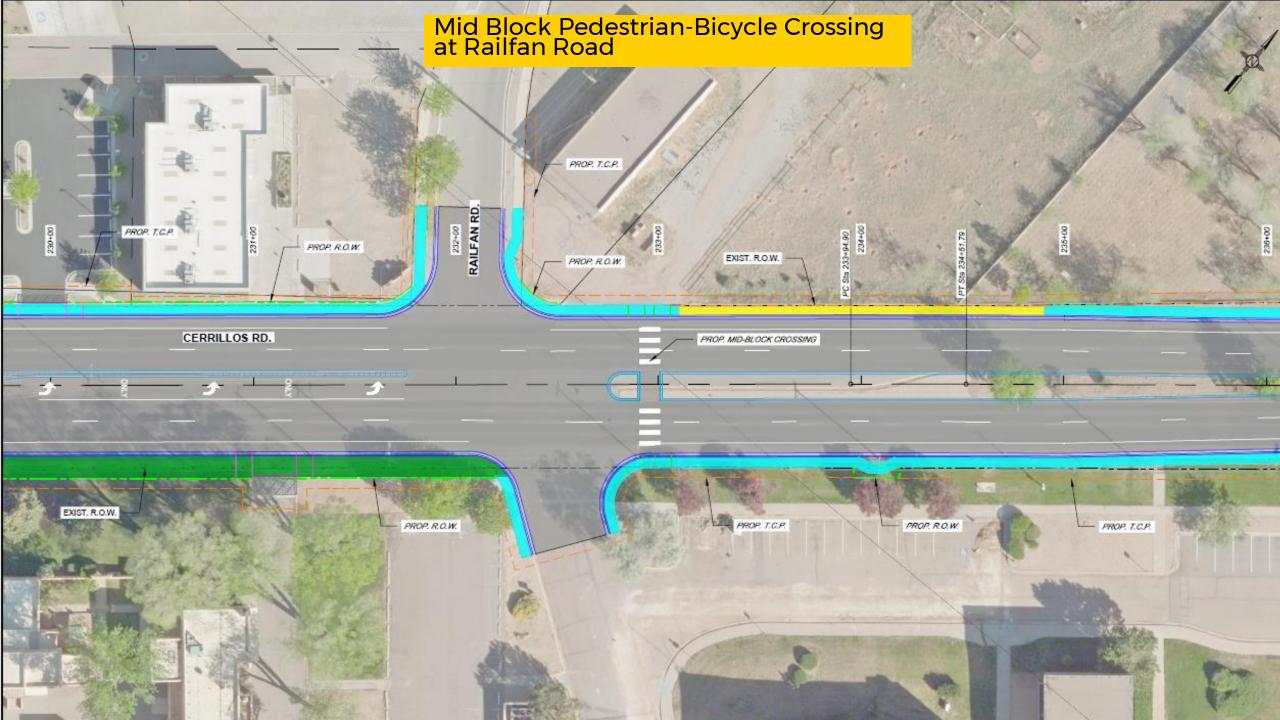
- ▲ Bike/Ped Mid-Block Crossing Locations and Options
- ▲ Multi-Use Trail Connectivity
- **▲** Intersection Improvements
 - » Access Management
 - » Traffic Operations

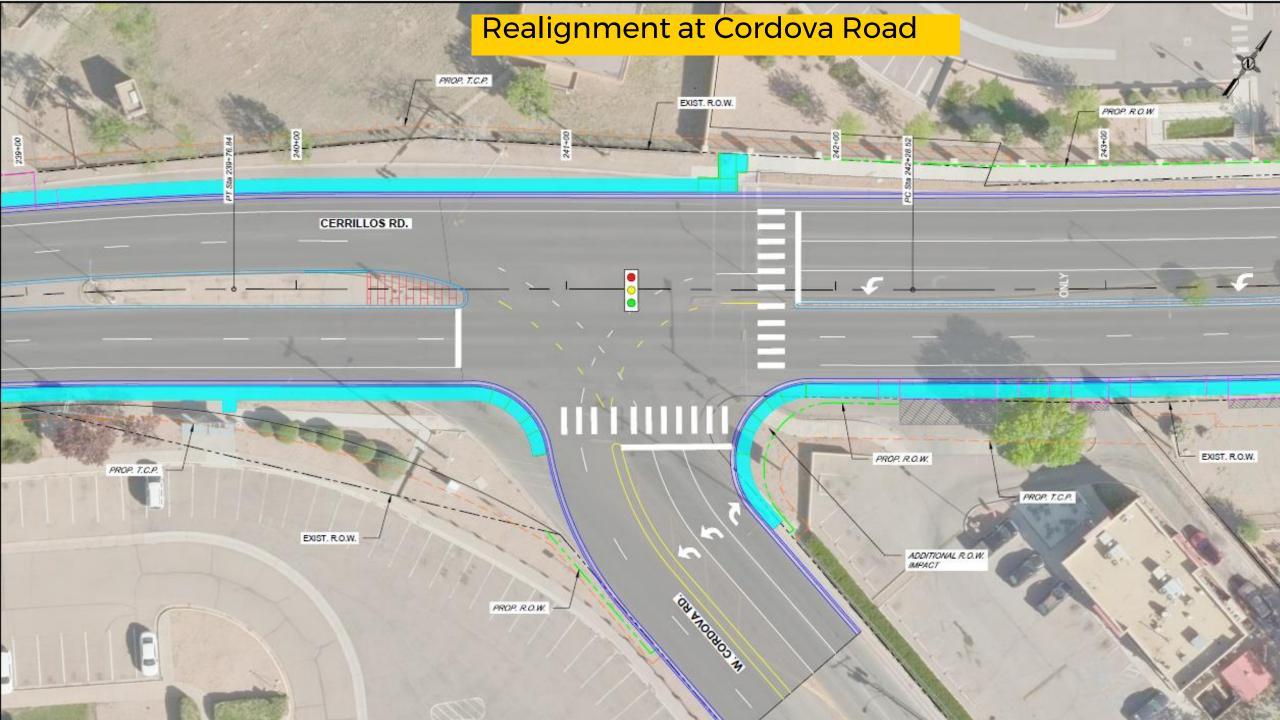


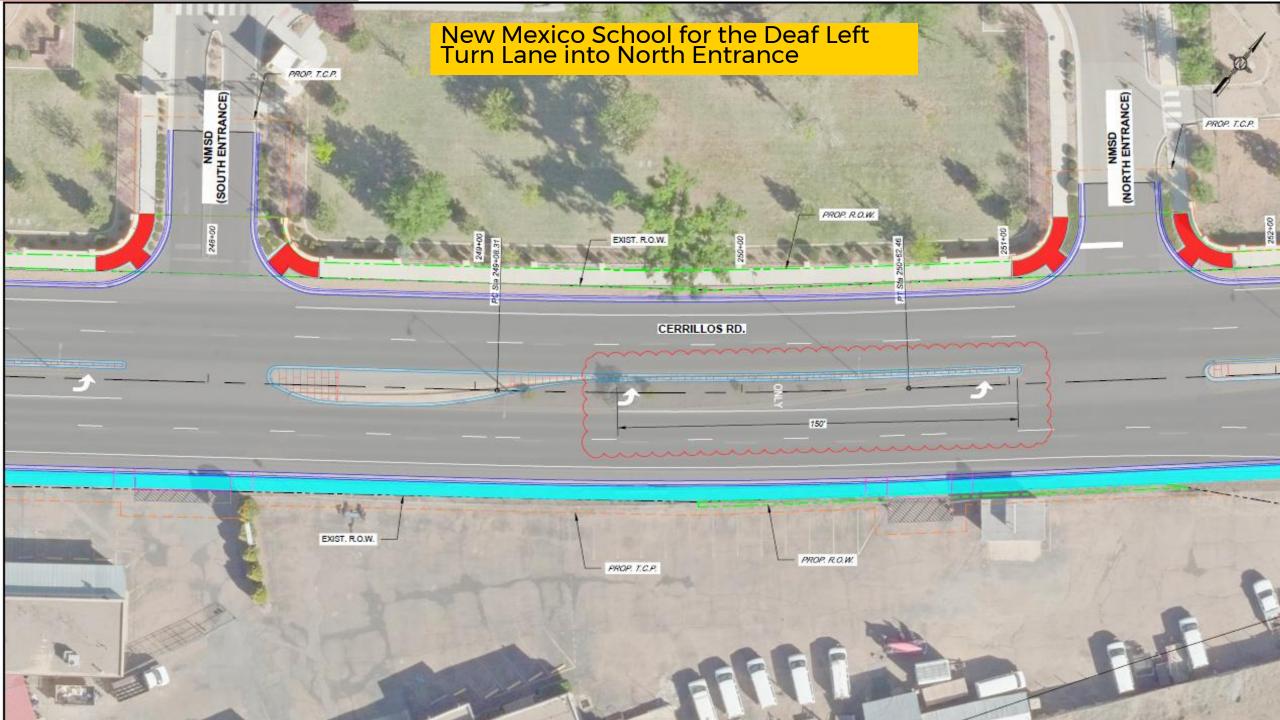














Access Management Recommendations

Access Management	
Intersection	Improvement
Isleta Avenue	Close Median
Fourth Street	Close Median
Third Street	Close SB Left Turn Lane (LTL)
SFIS/Cochiti Street	Close Median
New SFIS Entrance	Remove SB LTL
SFIS Area	Review Access Management for business parking across from SFIS during Final Design
Railfan Road	Close SB LTL to NMDOT GO Campus
NMSD Area	Close SB LTL

SB - Southbound

LTL - Left Turn Lane

SFIS - Santa Fe Indian School

GO - General Office

NMSD - New Mexico School for the Deaf



Traffic Operations Recommendations

Traffic Operations	
Intersection	Improvement
San Felipe	Lengthen Cerrillos NB/SB Left Turn Lanes (LTL)
Fifth Street	Lengthen Cerrillos NB/SB Left Turn Lanes (LTL)
Ashbaugh Park	Lengthen Cerrillos NB LTL
Second Street	Lengthen Cerrillos NB/SB LTLs, Add EB/WB LTLs, Add SB RTL
Navajo Drive	Lengthen Cerrillos SB RTL
New SFIS Entrance	Signalize, Lengthen Cerrillos NB LTL
Tesuque Drive	Lengthen Cerrillos SB LTL
	EB Approach Needs Added Capacity
Baca Street	(Not Possible due to Right-of-Way Constraints)
Railfan Road	Lengthen Cerrillos NB LTL, Perform Signal Warrant Study
	Realign WB Approach, Add WB Dual LTL, Lengthen Cerrillos SB
Cordova	LTL
NMSD South Entrance	Lengthen Cerrillos NB LTL, Close Cerrillos SB LTL
NMSD North Entrance	Lengthen Cerrillos NB LTL

NB/SB/EB/WB - Northbound / Southbound / Eastbound / Westbound

LTL - Left Turn Lane, RTL - Right Turn Lane

SFIS - Santa Fe Indian School

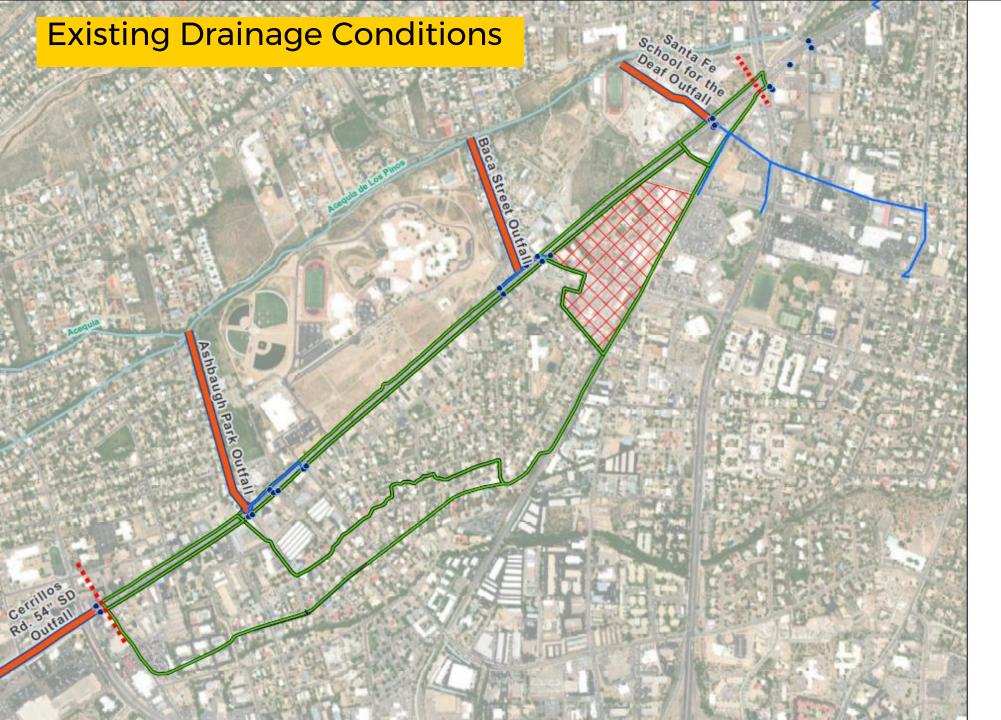
GO - General Office

NMSD - New Mexico School for the Deaf



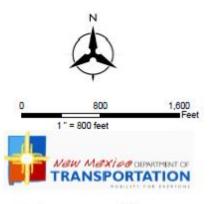
Traffic Operations Recommendations

- ▲ Signal System Coordination / Timing Adjustments
 - Cerrillos Road given priority
 - ▲ Some improved traffic flow
- Baca Street EB Approach Capacity Challenges
 - ▲ Constrained Right-of-Way to add lanes
- Railfan Road Capacity Challenges
 - Existing Traffic Circulation
 - One-Way Flagman Way, etc.



Legend

- Storm Drain Inlets
- Storm Drains
- Outfalls
- Project Drainage
 - NMDOT General Office area





NM 14 (Cerrillos Road) Existing Stormwater Outfalls

Drainage Potential Improvements

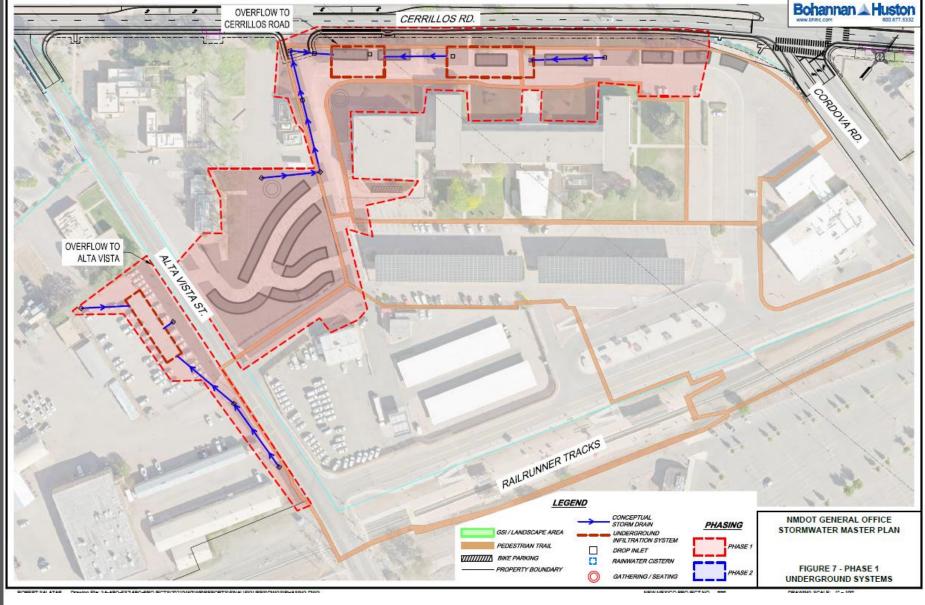


Drainage Improvements

- » Add a storm drain trunk line in Cerrillos
 - Tie into existing system near Saint Michaels
 - ✓ 10-year Drainage Design Capacity
- » Eliminate Baca Street outfall
 - CoSF and Acequia Madre feedback / field review
- » No increase to NMSD outfall
 - Striving to reduce or eliminate Cerrillos flows
- » NMDOT GO Campus Drainage Improvements
 - 13% of drainage area, 24% of total peak flow to Cerrillos
 - Green Stormwater Infrastructure and Underground Infiltration
 Systems to reduce runoff in 10-year storm

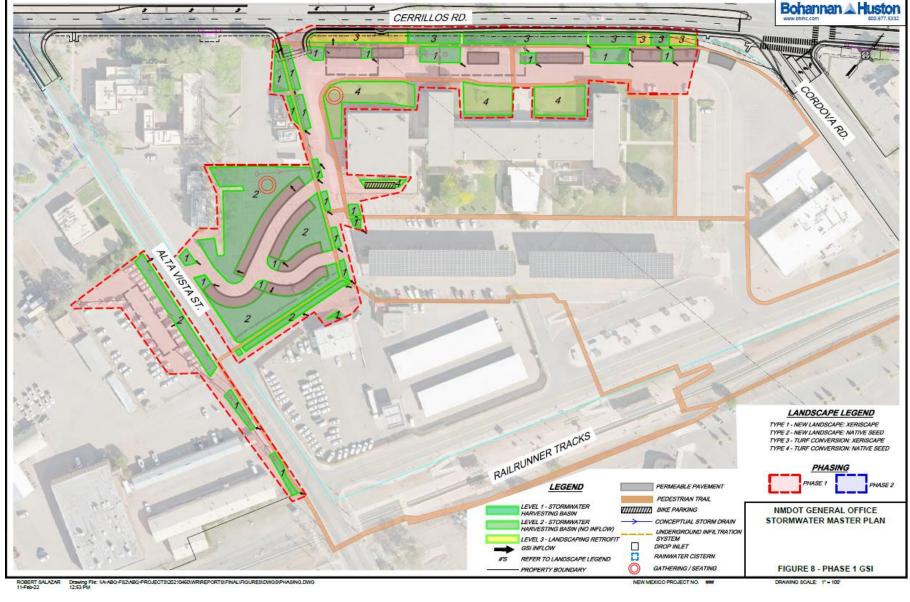
NMDOT GO Campus Drainage Improvements





NMDOT GO Campus Drainage Improvements





Site Specific Elements for Review

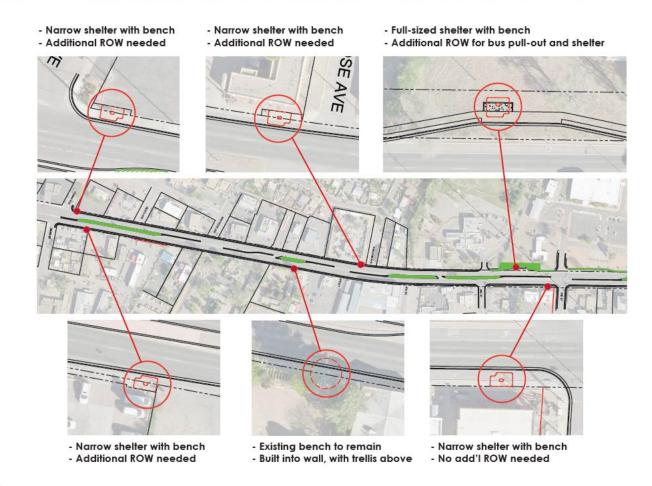
- ▲ Transit/Bus Improvements
- Landscaping
- Lighting



Bus Stop Improvements

LANDSCAPE DISTRIBUTION AND BUS STOP LOCATIONS

SHEET 1

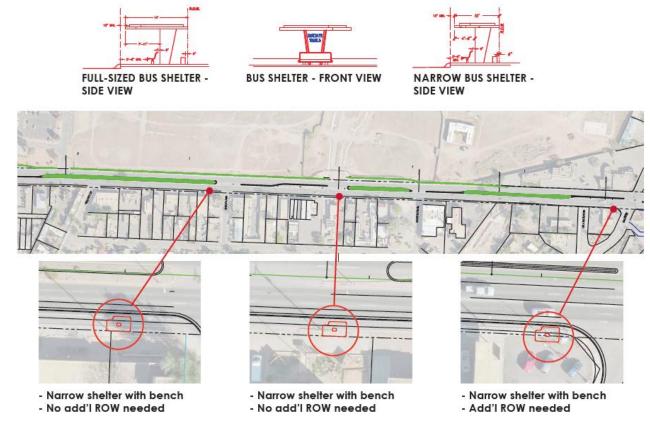




CITY OF SANTAFE - CERILLOS RD PH III 1

Bus Stop Improvements

LANDSCAPE DISTRIBUTION AND BUS STOP LOCATIONS SHEET 2



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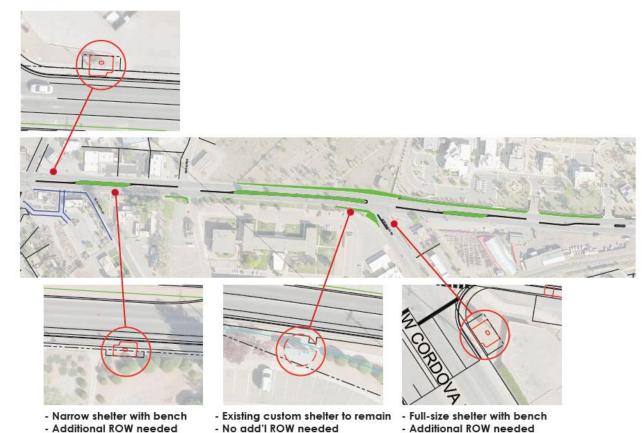
CITY OF SANTAFE - CERILLOS RD PH III 2

Bus Stop Improvements

LANDSCAPE DISTRIBUTION AND BUS STOP LOCATIONS

SHEET 3

- Narrow shelter with bench
- Additional ROW needed





CITY OF SANTAFE - CERILLOS RD PH III 3

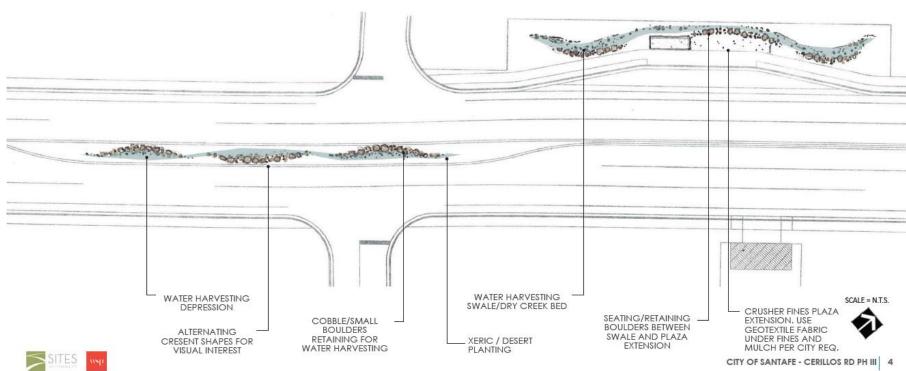
SITE PLAN - OPTION 1

LANDSCAPE PLAN VIEW

WATER HARVESTING CRESCENT DEPRESSIONS







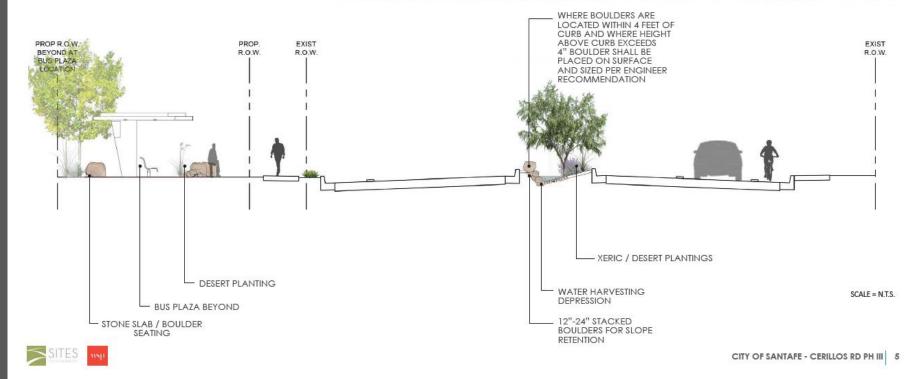
SECTION - OPTION 1

LANDSCAPE PLAN VIEW

WATER HARVESTING CRESCENT DEPRESSIONS







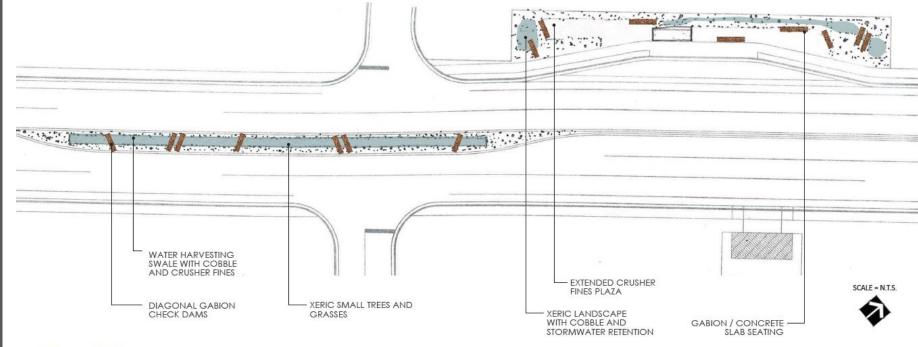
SITE PLAN - OPTION 2

LANDSCAPE PLAN VIEW

ANGULAR DRY BASINS WITH GABION CHECKDAMS







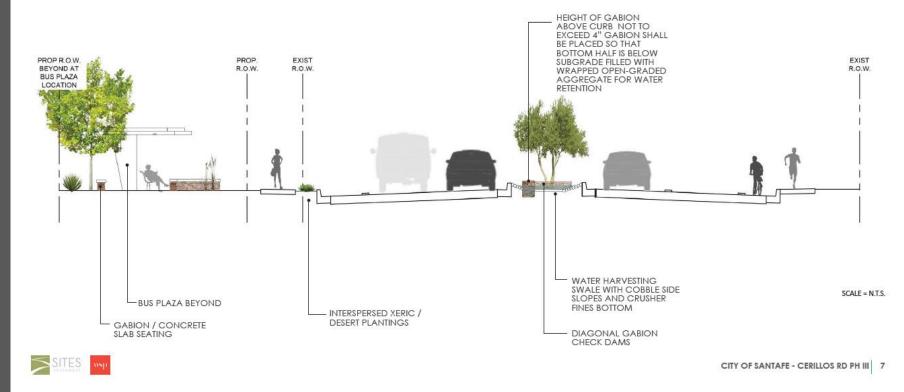
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CITY OF SANTAFE - CERILLOS RD PH III

SECTION - OPTION 2 LANDSCAPE PLAN VIEW ANGULAR DRY BASINS WITH GABION CHECK DAMS







PLANT AND MATERIAL PALETTE

PLANTING - Examples

SMALLER TREES













SHRUBS AND SUBSHRUBS











TURPENTINE BUSH









RED/YELLOW YUCCA SPECIES

BEARGRASS SPECIES



CITY OF SANTAFE - CERILLOS RD PH III 8

PLANT AND MATERIAL PALETTE

PLANTING - Examples

SHRUBS AND SUBSHRUBS













PINELEAF PENSTEMON GROUND COVERS













GRASSES













CITY OF SANTAFE - CERILLOS RD PH III 9

PINK MUHLY



Lighting Improvements

Lighting

» Goal will be to move the lighting poles to the outside and not have any in the median.









Environmental, ROW, Cost and Phasing

Environmental

» The project corridor is located near a dense concentration of historic and archeological properties.

▲ Right-of-Way

» Strips of permanent Right-of-Way and Temporary Construction Permits (TCPs) are anticipated and will be finalized during Final Design.

Estimated Cost

» Overall Construction Cost: Approximately \$30 million

Phasing

- » Phase I Saint Michaels to Tesuque Drive
 - \$16.5 Million funded
 - Likely includes NMDOT GO Campus Drainage Improvements
- » Phase II Tesuque Drive to Saint Francis
 - \$14 million funded







SCHEDULE AND NEXT STEPS

Project Schedule

- ✓ Start of Study (Phase IA/B) Summer 2020
 - » Public meeting July 2021
 - » Business Owner meeting July 2021
 - » Public meeting April 2022

We are Here

- ✓ Completion of study with Recommended Alternative July-August 2022
- Initial engineering design development Summer/Fall 2022
- ▲ Environmental analysis & documentation with Preferred Alternative - Summer/Fall 2022
 - » Public meeting Fall 2022
- ✓ Final engineering design 2023 2024
- ▲ Anticipated construction phase 1 Spring/Summer 2024
 - » Construction phase 2 Follows Phase I

Next Steps



- Gather public input
- Prepare Phase IA/B Study Report
 - » Select alternative to advance
- Complete environmental studies & documentation
- Gather additional public input

- Develop preliminary design plans
- Develop phased final design plans
- ROW acquisition
- Prepare for construction letting

We want to hear from you...

Please provide us with comments by June 3, 2022

Electronic submittals preferred

▲ How to provide comments?

- » Email: jennifer.hyre@wsp.com
- » Call: (505) 878-6577
- » Mail:
 - WSP | Jennifer Hyre | Attn: NM 14
 - 2440 Louisiana Blvd NE, Suite 400
 - Albuquerque, NM 87110
- » Comment Form: NMDOT website
- ▲ More information on the NMDOT project page:

https://nm14cerrillos.nmdotprojects.org/

All comments are welcome!!



Thank You

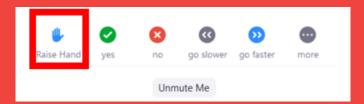




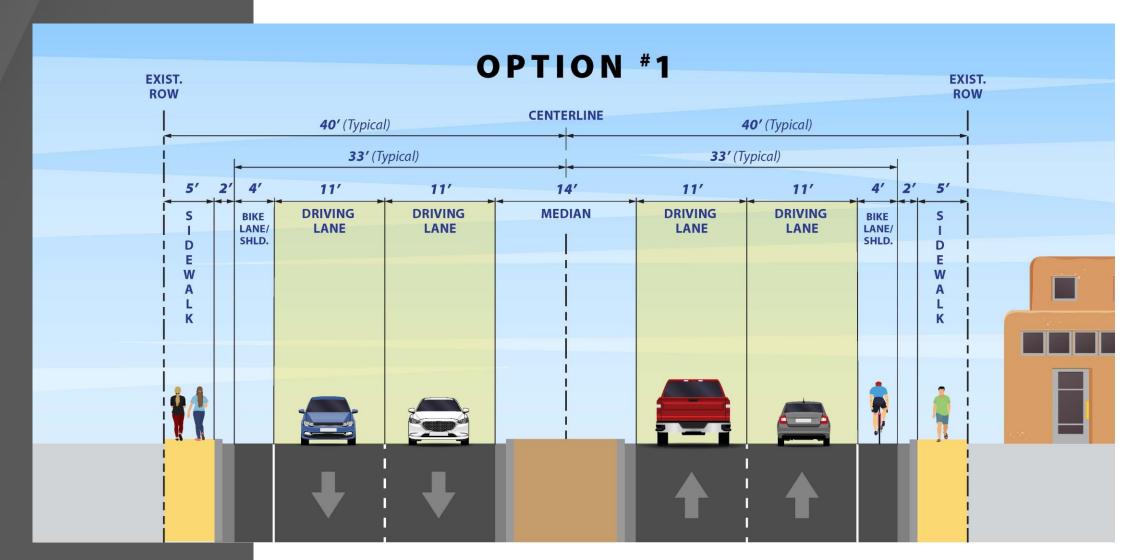


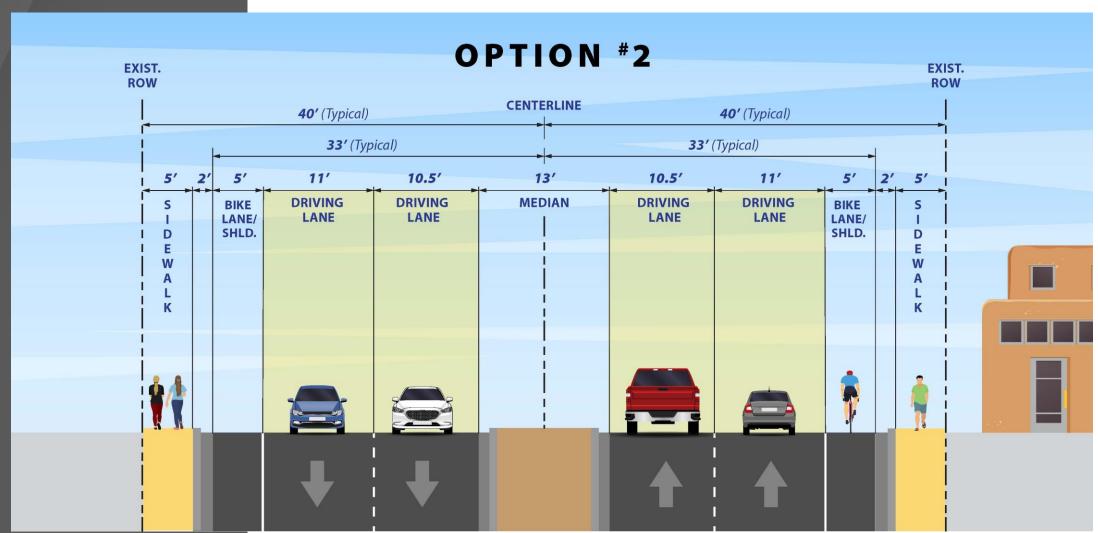
QUESTIONS

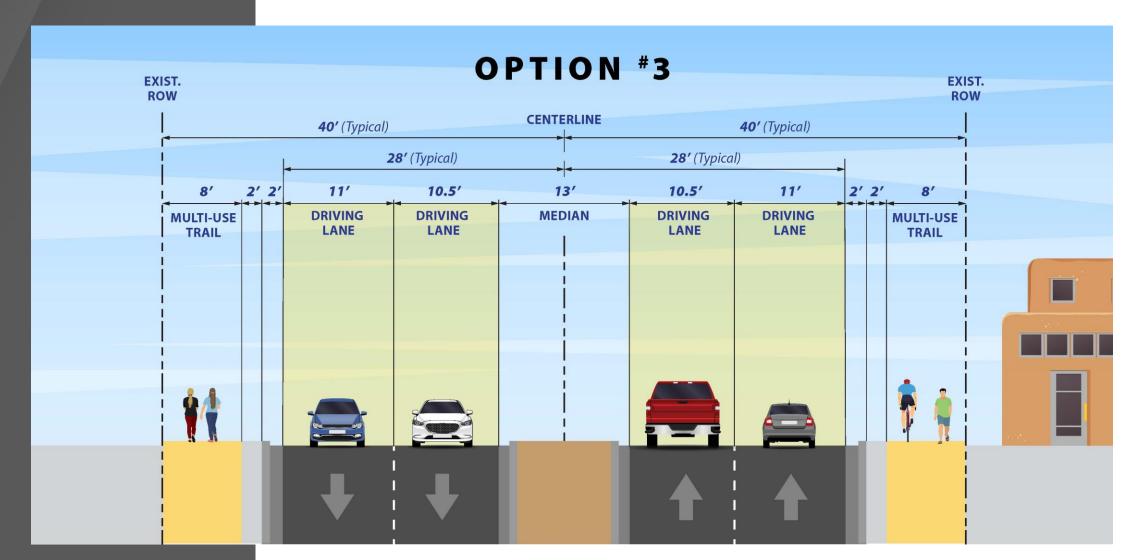
If you would like to speak, raise your hand
Press *9 if you have dialed-in

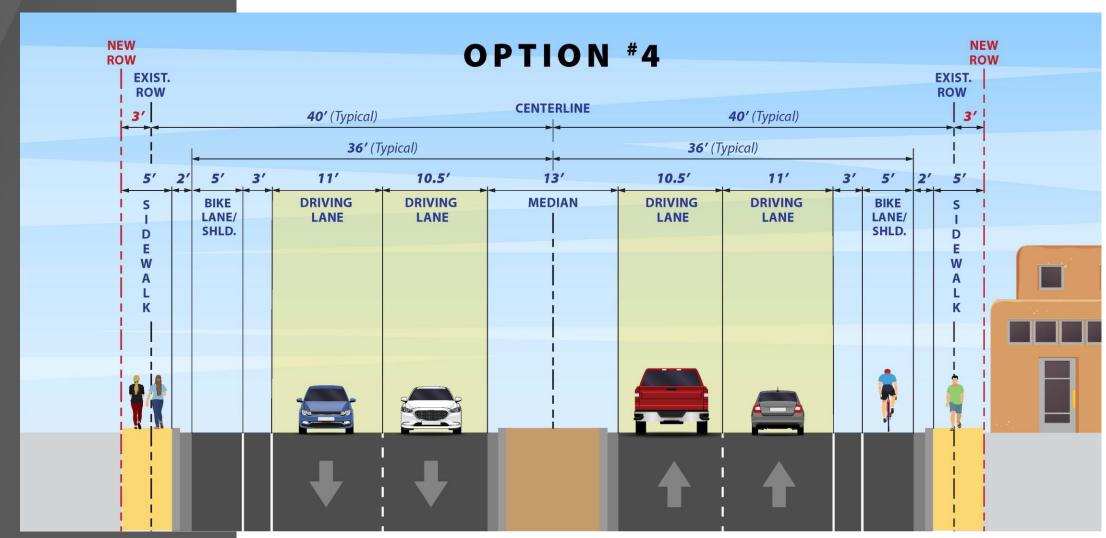


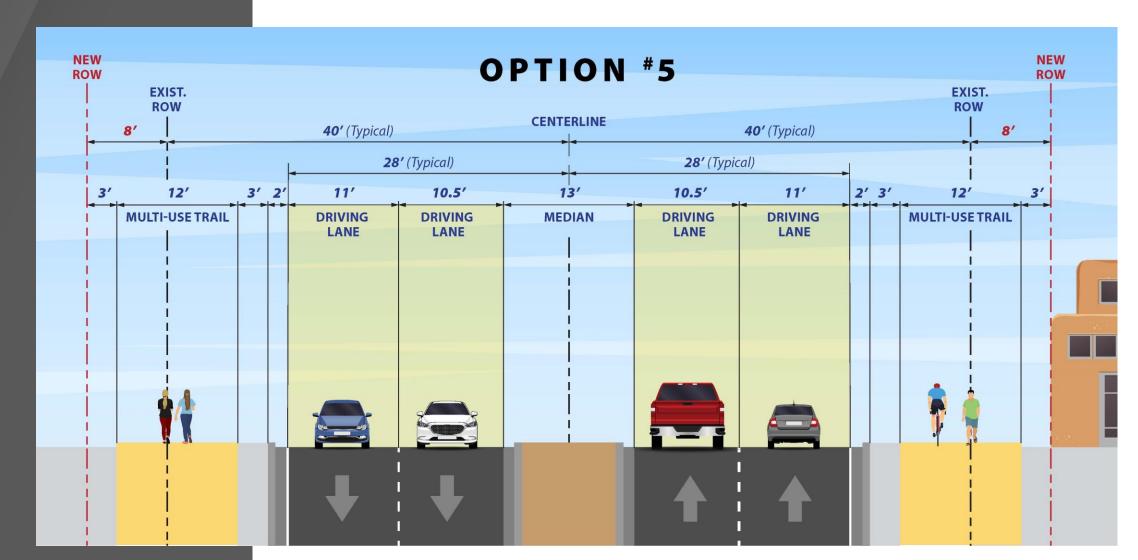
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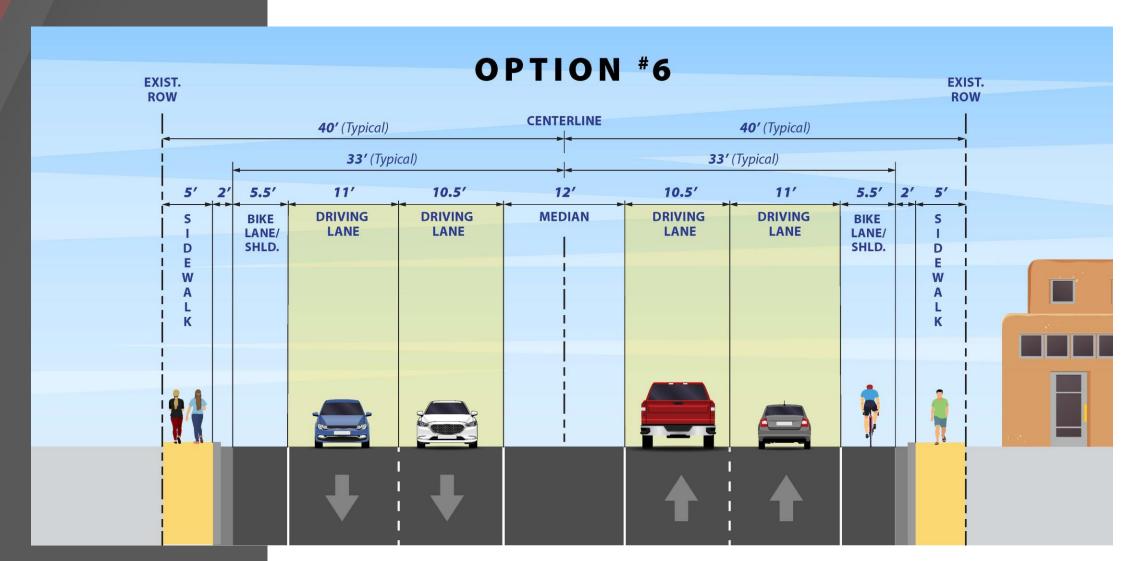


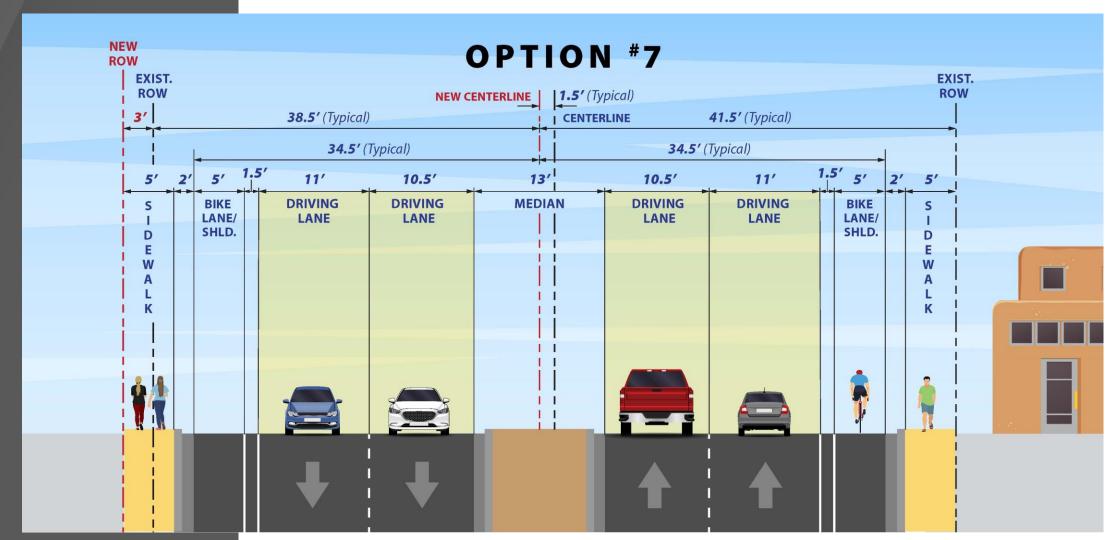


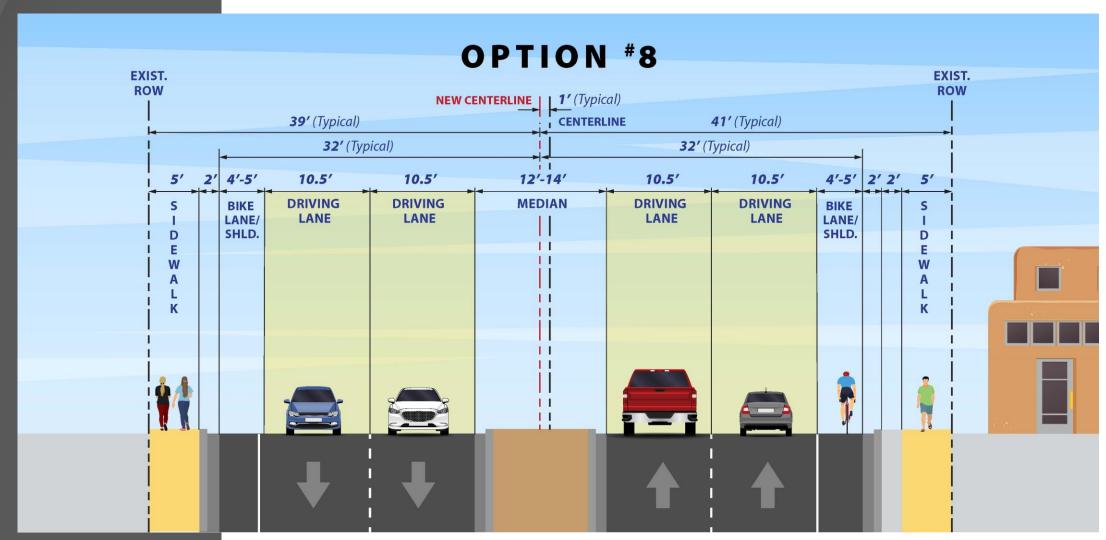


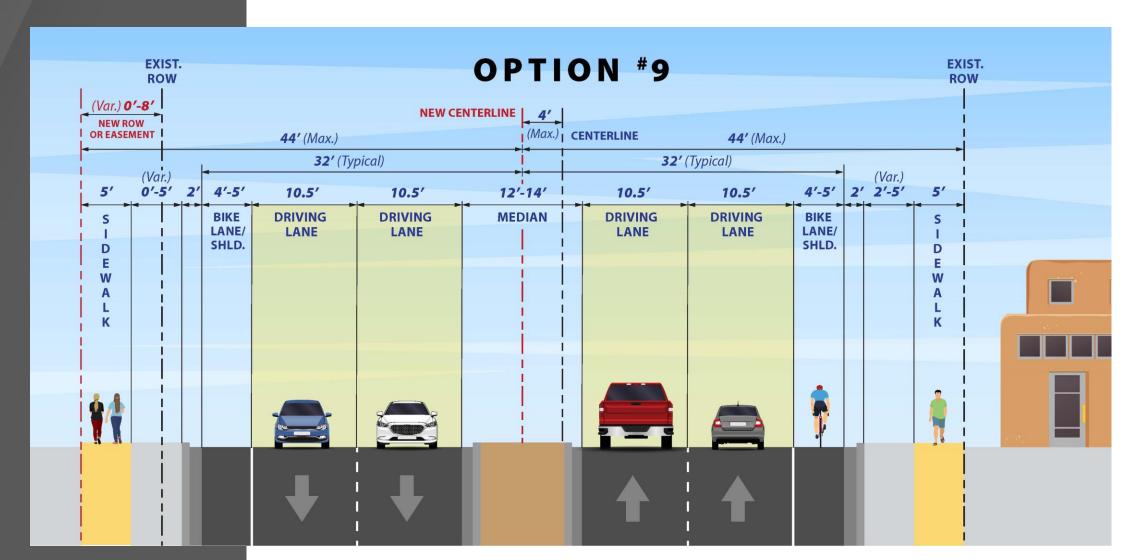


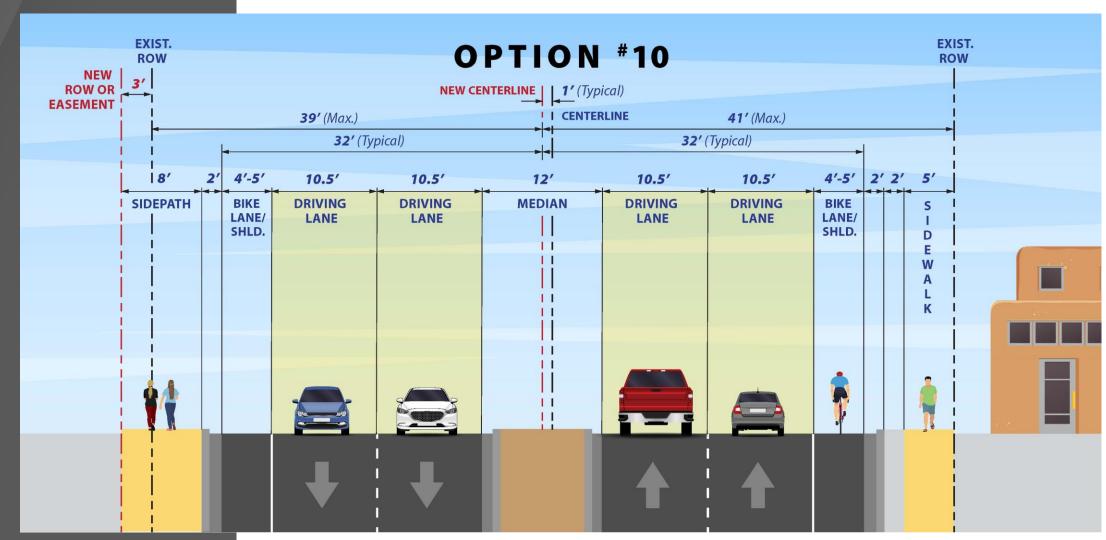












▲ Typical Section – Left-Turn Lane Detail

