

# Transportation Project Updates to County Council

Incorporated County of Los Alamos  
Public Works Department

Engineering and Project Management

Anne W. Laurent, AIA – Department Director  
Eric Martinez, P.E., CFM – County Engineer

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ATTACHMENT A

# Supports Council Goals

## **Expand transportation and mobility options and address parking challenges.**

Work with regional partners and the Laboratory to consider holistic solutions for the needs and challenges facing Los Alamos and White Rock in the context of expanded housing and employment in the County and the desire to create a walk-, ride-, and environmentally-friendly community.

## **Investing in infrastructure.**

Appropriately balancing maintenance of existing infrastructure with new investments in county utilities, roads, facilities and amenities, which will help improve environmental stewardship, sustainability, and quality of life, while allowing for sustainable growth.

# 2020 Pavement Condition Survey



The first stage of pavement survey was completed on September 17<sup>th</sup> with the second and final stage beginning on September 28<sup>th</sup>. The survey is scheduled for completion before November 2020, with the report finalized in February 2021. The airport runway was included in the scope of the work and will provide important information to have for future aviation grant application consideration.

# Barranca Mesa 3 Subdivision

Roadway infrastructure improvements include removal and replacement of existing asphalt surface and base material on Camino Encantado. For the side streets (Turquoise, Kachina, Encino, Obsidian, Tecolote, and Escondido), the work includes a recycling method of processing, placing & compacting existing pavement for use as a base with installation of new asphalt surface. Removal and replacement of selected concrete sidewalk, ADA ramps, curb, gutter and driveways is also included.

Encino St. Before



Encino St. After



Start Date: August 24th

Substantial Completion: Nov. 17th

Final Completion: Nov. 24th

ATTACHMENT A





PROJECT BUDGET SPREADSHEET	
IFB NO. 21-10 - BARRANCA MESA 3 ROADWAY IMPROVEMENTS	
Budget	Amount
FY 2020 County CIP	\$ 1,650,000.00
Includes Grant Revenue from NMDOT - State Share CAP/SP/SB (\$174,363)	
Budget Savings - CIP Fund	\$ (300,000.00)
Total Recommended Budget	\$ 1,350,000.00
Construction Expenses	Amount
Base Bid - TLC Company, Inc.	\$ 750,159.60
NMGRT 7.3125%	\$ 54,855.42
Total Bid w/Tax	\$ 805,015.02
General Project Contingency	\$ 199,984.98
Contingency for Additional Concrete Replacement	\$ 300,000.00
Independent Assurance Testing	\$ 45,000.00
Total Expenses	\$ 1,350,000.00
TOTAL PROJECT BUDGET	\$ 1,350,000.00

# Trinity Drive Pedestrian & ADA Improvements

## Diamond to Oppenheimer

In FY 2020, the County received a \$250,000 state grant to make isolated improvements to sidewalks, curb, gutter, drive pads and ADA ramps along Trinity Drive (NM 502) from Diamond to Oppenheimer. On September 22<sup>nd</sup>, Council approved a task order revision to make additional improvements to the sidewalk buffer area while also adjusting utility valve covers to improve bicycle safety and provide a smoother driving surface.

Start Date: August 12<sup>th</sup>

Scheduled Completion: November 30<sup>th</sup>



# Public Works Projects in Development

## Canyon Rim Trail Underpass

Scope: Multiuse trail connection under NM 502 from the Trailhead to Entrada Drive

Budget: \$2,020,000 – FY 20-21 Federal Grant

Schedule: October Bid, Spring 2021 Start

## Wayfinding Sign Installation

Scope: Sign placement to enhance visitor accessibility and navigation of county attractions

Budget: \$450,000 – FY20 & 21 General Fund

Schedule: October Bid, Spring 2021 Start

## Finch Street Connection – 35<sup>th</sup> St. to LAMC

Scope: Street and sidewalk connection including relocation of LAMC access to the east

Budget: \$1,500,000 – FY22 CIP (Projected)

Schedule: 60% design underway; design team addressing input from LAMC



# Public Works Projects in Development

## Canyon Rim Trail Phase 3 – Knecht St. to 15<sup>th</sup> Street

Scope: Multiuse Trail Extension

Budget: \$1,250,000 – FY18-20 CIP

Schedule: Prelim. design complete; Quote for acquisition and final design documents in process

## Urban Trail – Phases I (Trinity to Spruce) & Phase II (Spruce to Aquatic Center)

Scope: Multiuse Trail from Trinity/20th Street to the Aquatic Center

Budget: \$ 230,000 – FY20 (Design) Federal Grant

\$ 25,000 – FY 21 (Design) Federal Grant

\$4,050,000 – FY 22 (Construction) Federal Grant

Schedule: Phase I in-house design underway; Awaiting NMDOT authorization to proceed with design services for Phase II.

## DP Road – Phase II (Tract A-8-b East)

Scope: Roadway and utility infrastructure improvements

Budget: \$4,500,000 – FY21 CIP

Schedule: Scope of work for engineering services in process to begin design

# Public Works Projects in Development

## Trinity Drive Safety & ADA Improvements – Oppenheimer Dr. to Knecht St.

Scope: Median channelization, ADA, pedestrian, bicycle, transit & motorist safety

Budget: \$ 640,000 – FY21 (Design) Federal Safety Grant

\$ 200,000 – FY 22 (Right-of-way) Federal Safety Grant

\$3,410,000 – FY 23 (Construction) Federal Safety Grant

Schedule: Awaiting NMDOT funding agreement to procure design services through RFP

## Sherwood Blvd. – Grand Canyon to Aztec St.

Scope: Roadway and drainage infrastructure improvements

Budget: \$2,500,000 – FY21 CIP

Schedule: Geotechnical investigations in process

## North Mesa Road Improvements (Alamo/Capulin/Tsankawi/Oro Ct/Cedro Ct/Big Rock Loop South)

Scope: Joint roadway and utility infrastructure improvements

Budget: \$1,687,000 – FY21 CIP (includes \$280K in State Road Funds)

Schedule: Scope of work for in-house design in process

# Public Works Projects in Development

## Deacon Street Improvements

Scope: Street Improvements

Budget: \$ 200,000 – FY 21 CIP

\$2,000,000 – FY 22 CIP (Projected)

Schedule: Awaiting input and results from the Downtown Master Plan workshops to develop the design scope of work

## 33rd/34th Street Loop & Joint Roadway & Utility Project & Arkansas Ave. Pavement Rehabilitation

Scope: Joint roadway and utility infrastructure improvements & pavement rehab.

Budget: Pending; recommendations to Council forthcoming

Schedule: Scope of work and cost estimates in progress for in-house design to address reoccurring waterline breaks and deteriorating pavement conditions on 33<sup>rd</sup>/34<sup>th</sup> St. Pavement rehab. is proposed for Arkansas Ave. to address deteriorating pavement conditions and upcoming utility cuts associated with the Arkansas Townhouses.

# Development Review and Project Support

## Mirador Residential Subdivision (Tract A-19)

- Phase I roadway infrastructure is near completion and formal county acceptance of roadway and utility infrastructure for council approval will be forthcoming.
- Staff continues to provide construction inspections and participating in project meetings. Crews continue work on Phases 2 & 3.

## Mirador Mixed Use Development

- Engineering staff has reviewed the site plan application and updated traffic impact analysis and provided technical comments regarding traffic mitigation and pedestrian safety measures for consideration at an upcoming Planning & Zoning Commission meeting.

# Development Review and Project Support

## Marriott TownePlace Suites

- The applicant continues to follow up with comments from IDRC members in preparation for future consideration by the Planning & Zoning Commission.
- Trinity/20th Street Intersection Traffic Signal
  - In accordance with the Project Participation Agreement between the County and the land developer, the County is responsible for the design and installation of a traffic signal at this intersection.
  - Staff is coordinating with our on-call engineering consultant and NMDOT staff to update the traffic study to comply with NMDOT's permitting requirements for the new traffic signal installation.
  - Staff awaits a project timetable from the development team to coordinate the signal design and installation schedule.
  - \$400K for the installation is included in FY21 budget.



# Development Review and Project Support

## The Hill Apartments (Tracts A-12/13)

- Staff reviewed a summary plat prepared by the development team with recommendations provided for the establishment and vacation of easements.
- Trinity/35th Street Intersection Improvements
  - Design is complete. An Access Permit from Trinity Drive to the site was issued by NMDOT on 5/12/20. The associated road diet configuration for Trinity (NM 502) was approved by County Council on June 9<sup>th</sup> and implemented by NMDOT. Staff is currently working on the transfer of a portion of right of way to NMDOT which was a condition of the permit.
  - The developer is responsible for construction of intersection improvements. Staff awaits a schedule from the developer for the work to begin.

# Development Review and Project Support

## Canyon Walk Apartments (Tract A-9) – DP Road Phase I

- Staff attends weekly construction progress meetings with the development team and reviewing roadway material submittals for compliance with County specifications. Developer's crews have milled the asphalt through the project area in preparation of utility and storm drain infrastructure installation. Trenching for storm drainpipe along western Fire Station boundary to the canyon has begun and will require temporary closure of the Canyon Rim Trail so that crews can install the outfall section of the pipe. Utility trenching is scheduled on the section from Trinity to the Canyon Rim Trail Crossing, with roadway work to follow. Work on the next segment, from the Trail Crossing to end of project near Fire Station 2 will follow.

# Development Review and Project Support

## **Bluffs Senior Housing (Tract A-8-b) – DP Road Phase I**

- Staff has reviewed the site plan application and provided technical comments for consideration and was approved by Planning & Zoning Commission at the September 23<sup>rd</sup> meeting.

## **Ponderosa Estates Phase 3**

- Engineering staff has reviewed the site plan application and updated grading and drainage plan and provided technical comments for consideration at an upcoming Planning & Zoning Commission meeting.

## **Natural Grocers – Trinity Drive/15th Street**

- Trinity Drive utility tie-ins ongoing and scheduled for completion late October.

## **Arkansas Place (former Black Hole site)**

- Arkansas Ave. utility work is pending.

# NMDOT Lead Projects

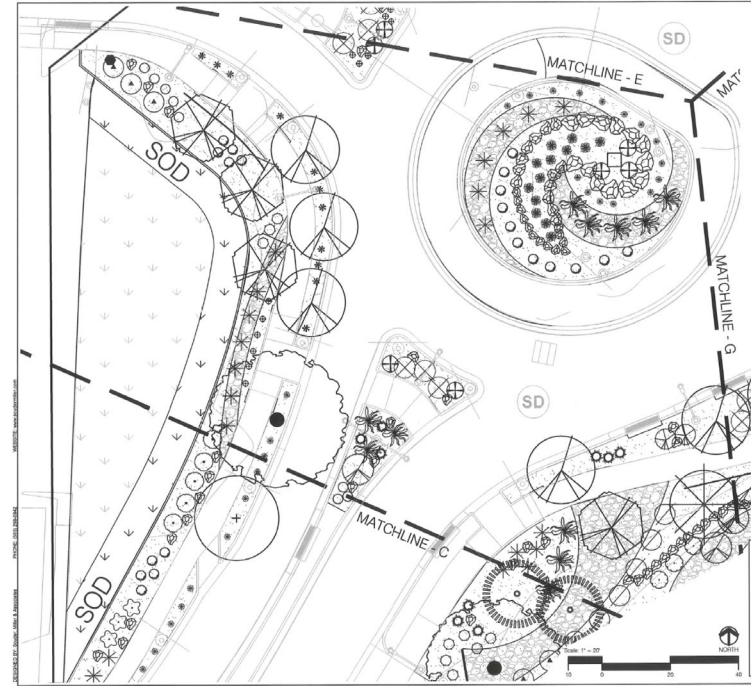
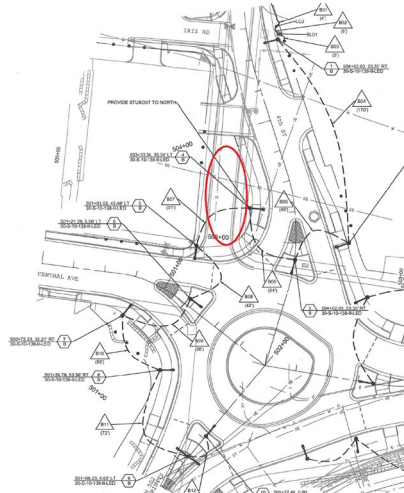
## NM 502 Reconstruction (Roundabout) – Knecht St. to Tewa Loop

- Repaving from Knecht St. to DP Road complete
- Concrete curb, gutter, drive pads and sidewalk near the roundabout & on the south side of NM 502 between Canyon Road and Tewa Loop along with preparing the roadbed for paving is ongoing.
- Access into and out of Canyon Road at NM 502 is scheduled to be closed as crews work on the westbound lane to the roundabout and begin constructing the realigned portion of Canyon Road.
- Substantial Completion: Late November/Early December
- Final Completion: February 2021 (Pending duration of winter suspension)

# NMDOT Lead Projects

## NM 502 Reconstruction (Roundabout) – Knecht St. to Tewa Loop

- Artwork in the Roundabout  
Planned Landscaping & Irrigation  
NMDOT Permit  
Sight Distance Considerations
- Mainstreet Gateway Potential Near 4<sup>th</sup> St.



ATTACHMENT A



# NMDOT Lead Projects

## NM 502 Repaving

- Diamond to Knecht St. – Completed including Road Diet
- Tewa Loop to County Line – Future, Anticipated 2021

## NM 4 Corridor Study – NM 502 Interchange to Rover Blvd.

- RFP for professional services advertised; contract award pending

# DOE Lead Projects

## NM 4/East Jemez Road Intersection Improvements

- Design complete; anticipate advertising for bids in 2021

## LA Canyon/Omega Bridge Replacement

- 5-10 year Horizon?

# Questions?

