

Navajo Nation Capital Matching Fund Program: N21 Project

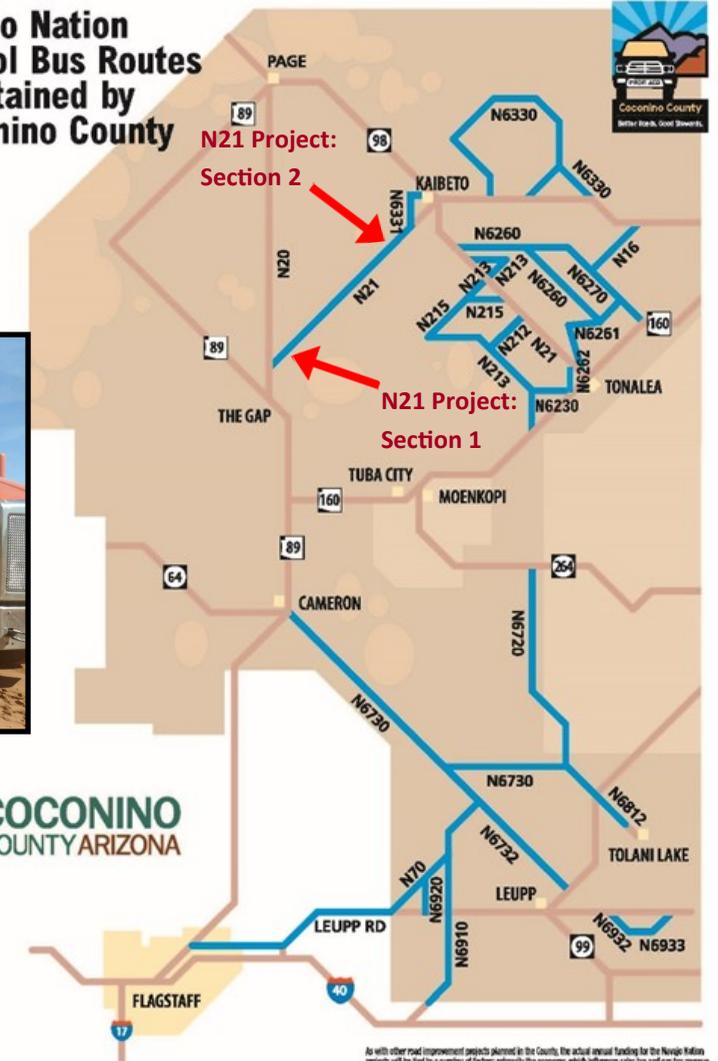
The **N21 Project**, the County's first Navajo Nation Capital Matching Fund Program project, broke ground in July and is scheduled to be completed next year. N21, which provides access for residents between Kaibeto and the Gap, has a high clay content, which makes several sections of roadway very susceptible to moisture. As a result, these areas regularly become flooded and impassable during rain and snow events and covered with inches of silt during the summer months.

The County has provided approximately \$310,000 in matching funds from Prop. 403 for the N21 Project. The project, which includes roadway reshaping, subgrade preparation and soil stabilization, helps to mitigate drainage issues in high-volume traffic areas of N21 by first excavating and then developing reconditioned road beds at two key sections of roadway. The N21 Project's first section is 0.25 miles long and located on the western end of N21 near the Gap. The second section, which is one mile long, is located at the eastern end of N21 near Kaibeto.

This fall Public Works began hauling asphalt millings (secured from the Arizona Department of Transportation) to help complete both N21 project sections. The millings are being incorporated in the road base. Later, a stabilizing agent will be mixed into the subgrade by the contractor to provide stabilization for the newly refurbished road beds. About 2,000 cubic yards of millings are being hauled for this project, which is currently about 75% completed. This translates to more than 130 belly-dump truckloads delivered and 22,750 round-trip miles traveled by the Public Works team for the N21 Project.



Navajo Nation School Bus Routes Maintained by Coconino County



As with other road improvement projects planned in the County, the actual annual funding for the Navajo Nation projects will be tied to a number of factors primarily the economy, which influences sales tax and gas tax revenues, and maintenance costs, which can be influenced by storm damage, snow levels and inflation.

County Road Maintenance on Navajo Nation School Bus Routes



Navajo Nation school bus routes are key elements of an overall transportation system that supports daily lives and the economy of the Nation. The quality of school bus routes on the Navajo Nation affects school district costs & children's safety.

Road maintenance of Navajo Nation school bus routes is a core County service. Proposition 403, the County's Road Maintenance Sales Tax that was approved by 60 percent of Nation voters in November 2014, has allowed the County to increase the miles of Navajo Nation school bus routes it maintains by 30 percent to the current 286 miles and more than double the number of Operators.

In July 2018 the County added a fourth full-time Senior Operator to its Navajo Nation school bus route maintenance team. This additional Operator reduced the total mileage each team member must grade, which increased routine grading efficiency and coverage along these routes.

Navajo Nation Capital Matching Fund Program

The **Navajo Nation Capital Matching Fund Program** is a joint effort between Coconino County and the Navajo Division of Transportation (NNDOT) to address roadway drainage issues on BIA school bus routes that are maintained by the County.

Key points of the Capital Matching Fund Program include the following:

- ◆ **Project Types Include: Culvert Installations, Low-Water Crossings and Road Surfacing**
- ◆ **NNDOT Provides \$200,000 Annually**
- ◆ **County Provides \$200,000 Matching Funds Annually**
- ◆ **NNDOT Provides Engineering and Environmental Clearances**
- ◆ **NNDOT Solicits for Contractors to Perform Work**
- ◆ **NNDOT Oversees Work**

