



THE NAVAJO NATION

RUSSELL BEGAYE PRESIDENT
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Hopi Tribe Transportation Annual Partnership Meeting

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Navajo Division of Transportation Report

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EXECUTIVE SUMMARY

The Navajo Division of Transportation (Navajo DOT) is invested to plan, develop, operate and sustain a variety of transportation services and programs that address the needs of the Navajo Nation and its people. The Navajo Nation's sovereignty is a key component that provides the basis for the Navajo DOT's government to government relationship with federal, state, county and tribal governments. These relationships are developed for collaboration, cooperation and networking through administering funding, establishing partnerships and negotiating contractual agreements so that transportation needs of the Navajo Nation are addressed, executed and achieved.

In this reporting period, the Navajo DOT continued to deliver much needed services on the Navajo Nation roads to address mobility and safety. Although funds are limited and the transportation needs are great, Navajo DOT continued to work with the following partners to collaborate, cost share, and deliver road maintenance and road improvements: Chapters and communities; emergency response providers; healthcare providers; schools; tribal partners; and federal, state and county partners.

PROJECT STATUS (Progress and Accomplishments)

1. **FY2016 Navajo Nation Tribal Transportation Improvement Program (NNTTIP)**
– The Resources and Development Committee (RDC) of the 23rd Navajo Nation Council approved the FY2016 NNTTIP on September 22, 2015 with subsequent approval by the FHWA on November 12, 2015.
2. **N6461 Dennehotso Bridge Replacement** - Notice To Proceed was issued to Capital Engineering Group on May 15, 2015 and construction was completed on August 22, 2015. The Dennehotso Chapter hosted a Ribbon Cutting Ceremony on

- August 22, 2015 to open new bridge to the community. An innovative alternative to bridge building was used that was fast and cost-effective using Geosynthetic Reinforced Soil technology to blend the roadway into the superstructure. Construction administration and oversight was provided by FHWA staff.
3. **N55 (2)1, 2&4 Alamo, NM** – Meridian Construction completed construction for this \$14.6 million project using the Nation’s Federal Funds. This project provided 8.12 miles of grade, drain and paving construction near Alamo, NM. Construction administration and oversight was provided by BIA DOT Navajo Region staff.
 4. **Operation Yellow Water** - Navajo DOT took over the Operation Yellow Water – Shiprock Water Hauling from Bureau of Indian Affairs, Department of Transportation on September 5, 2015 and completed on October 16, 2015. The Navajo DOT hauled over 1,113,400 gallons of water from NAPI for livestock and agricultural purposes.
 5. **Red Dog Graveling Project** – Navajo DOT continues to collaborate with Navajo County, BIA and the 10 Chapters in the Black Mesa Region to haul and place Red Dog gravel. Haul and placement of gravel are completed for Low Mountain, Pinon, Chilchimbeto and Forest Lake Chapters. Haul and placement will be completed by March 2016. Crushing of gravel for fourth year will begin in April 2016.
 6. **Long Range Transportation Plan** – Navajo DOT is working with On-Call Engineering Consultant (Wilson & Company) to continue the development of the 2015 Long-Range Transportation Plan (LRTP) for Navajo Nation communities. The LRTP is at 95% completion with an anticipated deadline of December 2015.
 7. **Navajo Nation Partnership Meeting** – Navajo DOT met with ADOT, Counties, BIA and FHWA on July 17, 2015 and October 22, 2015 to received project updates, training opportunities, transportation planning, review and update partnership goals and objectives, and sharing of resources.
 8. **Navajo DOT/Hopi Transportation Task Team Partnership** – Navajo DOT met with the Hopi Transportation Task Team and BIA DOT on October 15, 2015 to discuss road inventory updates, road maintenance agreement between Hopi DOT and Navajo DOT, BIA DOT Navajo Region request to renew road maintenance agreement, and environmental compliance process for maintenance and improvement projects.
 9. **Navajo Nation Road Fund Plan** – Navajo DOT developed and submitted the FY2015 Road Fund Plan to address road maintenance, road improvements and compliance activities. The Plan is going through the legislative process and will be reviewed and approved by RDC. The FY2016 Road Fund Plan will soon be submitted for review and approval.
 10. **Gravel Pit Study** – Navajo DOT, On-Call Engineering Consultant (Wilson and Company and its sub-contractor, AMEC WHEELER) conducted site visits to the

top 19 potential gravel pit sites. The purpose of the on-site visit was to preliminarily assess for material quantity, material quality, access roads, water sources, utilities, and a general assessment of local community support. The next steps are to obtain a Hand Sampling Permit from Navajo Minerals Department, which includes the Chapter Resolution, and conduct surface Hand Sampling and Lab Testing.

11. Betterment Road Improvement Activities:

a. Western Agency

- i. Route N6440 – Monument Valley (Roadway and Culvert Construction) and N42 (Chip Sealing and Pavement Striping) will be constructed by San Juan County, UT after an IGA is processed and approved.
- ii. Little Colorado River Access Road – Hosted a couple meetings with the following entities to discuss the construction project: BIA, ADOT, Navajo Parks and Recreation Department.
- iii. Route N106, Kayenta and Route N128, Shonto, - Navajo DOT received the specification for Pavement Overlay from Western Agency BIA DOT, and the Department will be bidding out the project.
- iv. Route N591, Kayenta – Western Agency BIA DOT applied for the Section 401 and 404 permits to update the size of the culverts. All compliance except a Categorical Exclusion are in place, but currently in the process of obtaining the CATEX.
- v. Route N6810, Tolani Lake – A drainage analysis will be conducted at four locations and culverts will be purchased and installed.
- vi. Route N6010, Leupp – An Environment Assessment will be conducted.

b. Central Agency

- i. Pavement Crack Sealing, Chip Sealing, and Striping – Navajo DOT received the specification from the Central Agency BIA DOT, and the Navajo DOT will be outsourcing the projects for: N4-Pinon; N41-Pinon; and N59-Many Farms.
- ii. Striping – Navajo DOT received the specification from the Central Agency BIA DOT, and the Department will be outsourcing the projects for Routes N7, N27, N29, N60, N64, N65, N67, N102, N251(S), N13(6), and N12(8).
- iii. Subgrade Preparation and Gravel Dirt Road – Navajo DOT received the specification from the Central Agency BIA DOT, and the Navajo DOT will be outsourcing the projects for Routes N7, N25, N136, N8009, N8015, N8016, N8029, N8063, N8065, N8066, N8077, N8084, N8085, N8086, and N8090.
- iv. Striping and Cracked Sealing – Navajo DOT received the specification from the Central Agency BIA DOT, and the Navajo DOT will be outsourcing the projects for N12 in Lukachukai, AZ.

v. Stabilize gravel – Navajo DOT received the specification from the Central Agency BIA DOT, and the Navajo DOT will be outsourcing the project for Route N8085 in Many Farms, AZ.

c. Fort Defiance Agency

- i. Access Road, Crystal, NM – Cost estimates are currently being received. If the price quotes are within budget, than the project will be contracted out.
- ii. Route N112, Fort Defiance – The road assessment has been completed, and the Navajo DOT is currently compiling contract documents for Hydraulics and Hydrology and centerline service contract.
- iii. Route N124, Oak Springs – The route is pending road assessment by the assigned Engineer.
- iv. Route N9056, Jeddito – Road assessment was completed and assessment report is pending.
- v. Routes N9069/N9062, Teesto – Road assessment was completed by Navajo County, BIA DOT, and the Navajo DOT. BIA DOT recommends chip sealing rather than applying millings and asphalt. A Letter of Intent is pending but will be sent to BIA DOT.

12. Road Maintenance and Road Improvement Activities:

- a. County Route CR566, Many Farms – The project was bid out for gravel and delivery services. A vendor has been selected and the contract documents have been compiled and submitted to Navajo DOT – Contract Section for review, approval, and submittal for 164 Review Process.
- b. Routes N8073, Pinon; N8030, Pinon; and N9062 Teesto – The routes have been contracted to On-Call Engineering Consultant (Dibble Engineering) for Hydraulic and Hydrology (H & H) and centerline survey services. The H & H plan is completed.
- c. Navajo DOT is outsourcing Hydrologic and Hydraulic (H&H) and Centerline Survey Services for 10 Routes. The contract documents are being compiled for SAS Package.
- d. Route N16, Inscription House – Awaiting on specification from assigned engineer to outsource for drainage and culvert installation.

13. FEMA Routes: Navajo DOT is working with Navajo Emergency Operations Center (EOC) to address the repair of washed out locations on routes specified by Navajo EOC. The washout repair work is expected to be completed by Fall 2015. The project was awarded to Recon Oil & Gas for six (6) sites and Blue Horse Energy, Inc. for six (6) sites. The construction activity is on-going.

14. Monument Valley Tribal Park NR6435 Road Improvement Project – The project scope is grade and shape existing roadway for 3.5 miles. Install culverts at 10 wash crossings; construct one (1) low water crossing concrete pad; and apply 6” base course over a road width of 24 feet and road stabilizer. The NEPA compliance

work is completed. The graveling project commenced with a projected completion by December 28, 2015.

15. **FHWA/FET Maintenance activities addressed within each agency** – Navajo DOT completed road maintenance services and activities by agency, miles and funding type:
 - a. **Eastern Agency** – Completed 327.1 Miles of Blading and Reshaping under the 24 Navajo Regional Transportation Plan (FHWA) and 208.05 miles was completed on Non Regional Routes (FET).
 - b. **Fort Defiance Agency** – Completed 273.5 Miles of Blading and Reshaping under the 24 Navajo Regional Transportation Plan (FHWA) and 37.4 miles was completed on the Non-Regional Routes (FET).
 - c. **Northern Agency** – Completed 179.3 miles of Blading and Reshaping on the 24 Navajo Regional Transportation Plan (FHWA) and 192.8 miles of Blading and Reshaping on the Non Regional Routes (FET).
 - d. **Western Agency** – Completed 238.6 miles of Blading and Reshaping on 24 Navajo Regional Transportation Plan (FHWA) and 143.5 miles of Blading and Reshaping on the Non Regional Routes (FET).
 - e. **Central Agency** – Completed 229.6 miles of Blading and Reshaping was 24 Navajo Regional Transportation Plan (FHWA) and 90.6 miles of Blading and Reshaping on the Non Regional Routes (FET).
16. **Airport/Airfield Maintenance Activities** – Navajo DOT has been working diligently 24/7 on maintaining a safe and operable airport by addressing basic maintenance tasks such as repainting navigable installments; applying pavement patching to critical sections of the runways/taxiways; repairing and restoring electrical components; repairing and restoring airfield lighting fixtures and bulbs; and airfield mowing, herbicide application, wildlife/livestock removal, foreign object debris removal and addressing winter/snow removal on the runways.
17. **FAA Funded Airport Projects** – Navajo DOT will continue to submit FAA/State Grants to address airport rehabilitation and maintenance; and will seek match funds for FAA/State Grants to address airport capital improvements.
 - a. The Navajo Airport Master Plan Project is 95% complete. The project cost is \$600,000. Currently, FAA is reviewing the Airport Layout Plans.
 - b. The Window Rock Airport Lighting Rehabilitation Project is in progress. The Disadvantage Business Enterprise Certification and Independent Fee Estimate are completed. The project cost is \$300,000 Project.
 - c. The Window Rock Airport Lighting/Runway Rehabilitation for 2011 Grant is amended to a design only project. The project cost is \$841,700.

18. FET Funded Airport Projects

- a. The **Window Rock Airport Parking Lot** is 60% complete. NTUA Gas line issues with ROW currently in process of review with Land Department.
 - b. **Crownpoint Airport Lease Renewal** – The Allotment leases pending payout with Office of the Controller since May 2015.
19. The Navajo DOT will continue to work with the Navajo Division of Public Safety, Department of Law Enforcement, and Department of Information Management Section on the implementation of the TRACS System for crash data collection throughout the Navajo Nation.
20. The Navajo DOT will continue with the instruction of Defensive Driving Courses for employees of the Navajo Nation and other agencies that require this Course. The Department has increased the number of participants allowed in the classes locally and have initiated classes in other locations throughout the Navajo Nation to accommodate the high volume of Navajo Nation employees.
21. The Navajo DOT will continue with Child Safety initiatives: Child Car Seat Clinics; Car Seat and Seatbelt Checkpoints with Law Enforcement and Child Safety with NAVAJO NATION SAFE KIDS Campaign.
- a. A total of 14 CPS Clinics were held throughout the Navajo Nation. Communities include: Tonalea, AZ, Chinle, AZ, Sanders, AZ, Pinon, AZ, Birdsprings, AZ, Jeddito, AZ, Tuba City, AZ, Tohatchi, NM, Eastern Fair (CP), NM, Fort Defiance, AZ, Ramah, NM, Rock Point, AZ, Tsaile, AZ and Gallup, NM.
 - b. National Safe Kids Worldwide Organization held its Bi-Annual Prevcon Conference in Washington, DC in July, 2015. Navajo Nation was selected to participate in a Coalition-Building Project.
22. SAFE KIDS Navajo Nation Coalition continues with its' Membership Recruitment amongst individuals in the communities throughout the Navajo Nation. Targeted individuals will include: Educators, EMS, Fire & Rescue, Law Enforcement, Doctors, Nurses, Health Promotion, Parents, etc.
- a. 4th Quarter Safe Kids Navajo Nation Meeting held on July 27, 2015 ~ Potential Strategic Planning Session was highly suggested with an outside facilitator. Retention issues discussed as was a community examination of existing data was requested.
23. The Navajo DOT will continue with Traffic Safety Presentations across the Navajo Nation in the areas of: DUI Awareness, Youth Alcohol Campaigns, Distracted Driving (No Texting & Driving), Importance of Seat Belt Usage, Bike Safety, etc.