



N8008~Round Rock, AZ



**N15 Fencing~Greasewood
Springs to Burnside, AZ**

***“FY2019 Tribal Transportation
Improvement Program Public Hearings”***

August 16, 21, 27, 29 & 31, 2018



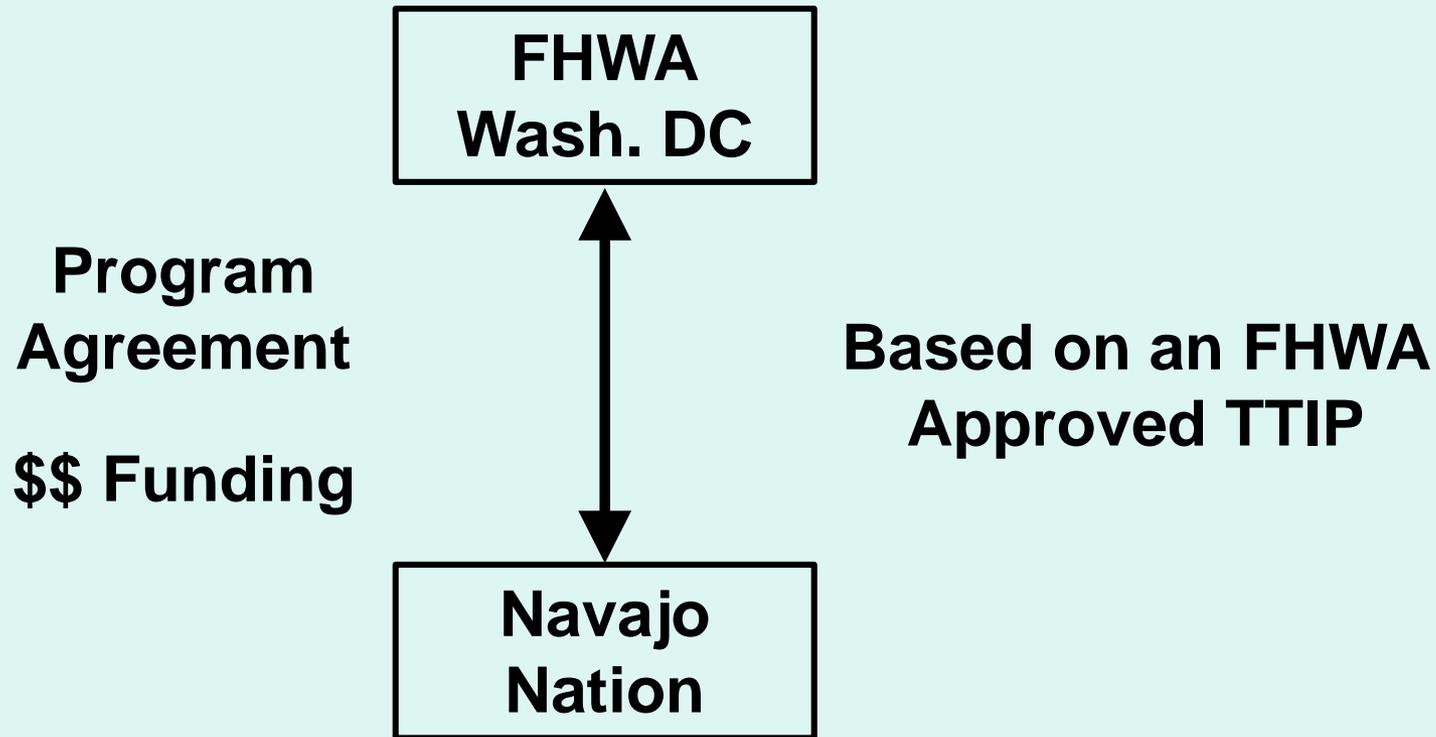


Tribal Transportation Program

- ❑ Navajo Nation receives funds directly from the Federal Highway Administration and is responsible for managing the Tribal Transportation Program (TTP)
- ❑ Authorizes Nation to perform Planning, Design, Construction, and Maintenance of Highway and Bridge Programs
- ❑ Carry out Transportation Planning process which includes developing the annual Tribal Transportation Improvement Program (TTIP)
- ❑ TTIP is a multi-year list of proposed transportation projects developed by the Nation
- ❑ **Construction Funds for Projects have been committed for First Four Years of TTIP (FY2019 – FY2022)**



Present TTP Funding Flow



In FY2018, the Nation received \$52,849,420 in TTP Tribal Shares and \$1,201,123 in 2% Planning funds for Total TTP funds of \$54,050,543



Tribal Transportation Improvement Program (TTIP)

- ❑ Nation agrees to initiate and complete TTP activities and construction projects in accordance with an FHWA-approved TTIP
- ❑ 5-Year “Financially Constrained” TTIP – ***“We can’t spend more than we receive!”***
- ❑ NDOT collaborates with BIA to discuss TTIP project updates and expenditures
- ❑ Prioritize TTIP to reflect Long Range Transportation Plan Goals and Objectives
- ❑ Pursue other Funding Sources like the TTP Bridge and Safety Funds, FHWA/State Safety Funds, TIGER Funds, etc.



Inventory of Roads within the Navajo Nation

- ❑ Total miles - 14,168
 - BIA - 5,995
 - Nation - 4,890
 - State - 1,645
 - County - 1,638

- ❑ Total miles of BIA & Navajo Nation Roads is 10,725 miles
 - Paved – 1,501 miles (14%)
 - Gravel roads - 99 miles (1%)
 - Dirt roads - 9,125 miles (85%)



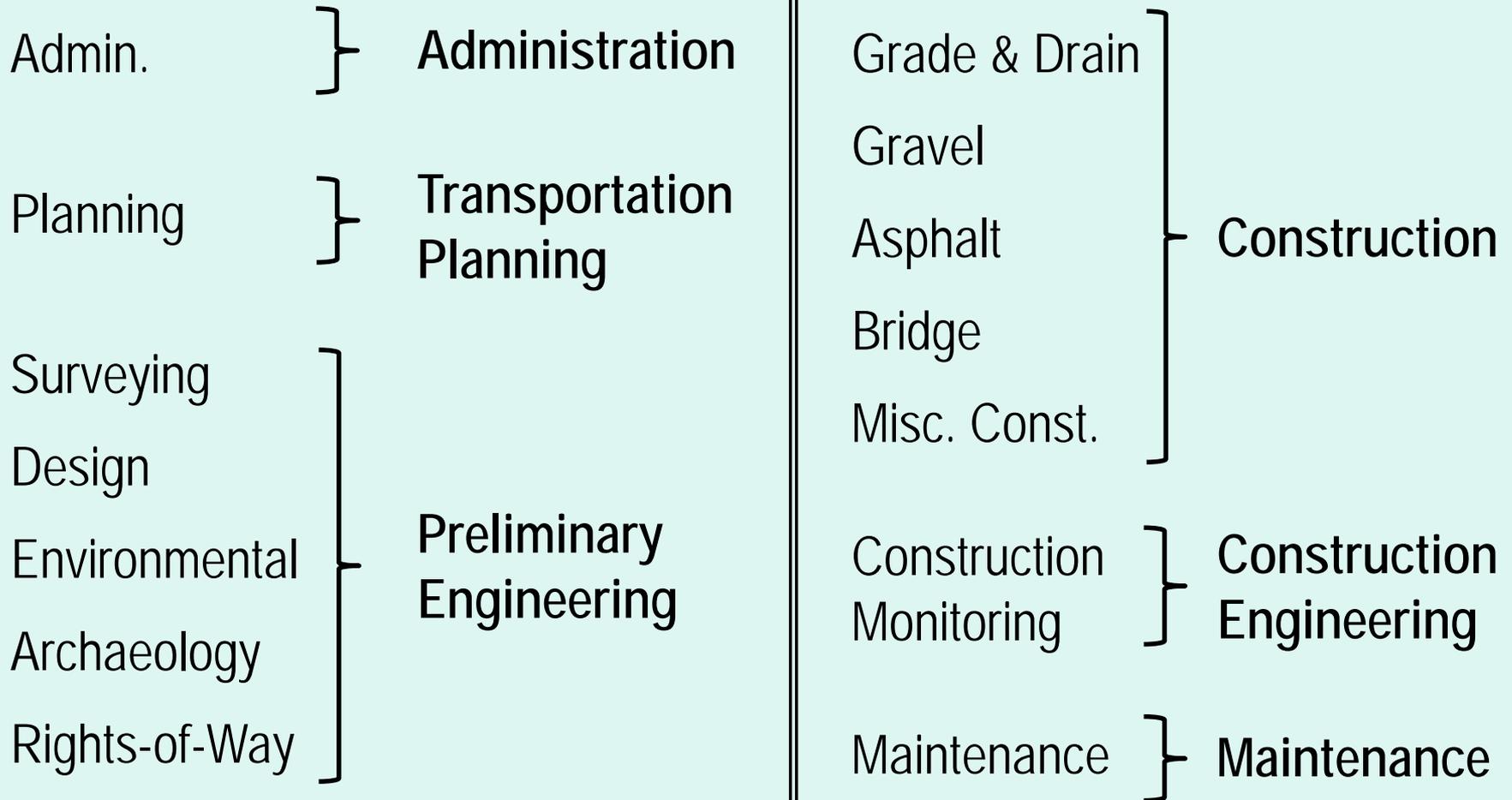


Status of FY2019 NNTTIP

- FY2019 NNTTIP used an Annual Funding Estimate of \$54.0 million
- New Projects emphasized Preservation and Safety
- Five Agency Public Presentations of FY2019 NNTTIP on August 16, 21, 27, 29 & 31, 2018.
- RDC may request a Work Session to discuss the FY2019 NNTTIP
- Present FY2019 NNTTIP to RDC for final review and approval by late September 2018.



Tribal Transportation Program Program Activities





Navajo Nation Road Construction Funds from FHWA

- ❑ Navajo Nation receives about **\$54 Million**
- ❑ Approximately 9.0% goes towards Operations and Planning – **\$4.9 Million**
- ❑ Approximately 10.4% goes towards Road Maintenance and Safety Projects – **\$5.6 Million**
- ❑ Approximately 12.8% goes towards Preliminary Engineering & Construction Engineering - **\$6.9 Million**
- ❑ Approximately 67.8% for Construction - **\$36.6 Million**
 - It costs **\$2 Million to Pave One (1) Mile**
 - We can only **build 17.5 miles** of Roads Annually
 - If bridges are included, road miles decrease



Sample TTIP Project Detail Sheet

Tribal Transportation Program Transportation Improvement Program UNOFFICIAL Project Details Listing UNOFFICIAL

Consortium:		Tribe Code	N00780
Tribe	Navajo Nation	Date	
PROJECT INFORMATION:		<input type="checkbox"/> Illustrative List	
Current FY		2019	

Funding Source	TTP; (examples: TTP, TTPBP, 2% Planning, HPPP)		
Project Name	N15(3-1)(4-1)2&4 Cornfields-Sunrise		
Location	Cornfields-Sunrise, AZ		
Type of Work	Reconstruction		
Route Number	N15-Section 320-330	Project Number	N15(3-1)(4-1)
Length	7.1 Miles	County	Apache
State	AZ	Construction Year	2023
Comments	Project design is 95% complete. Archaeology is complete. NDOT will complete EA and submit to BIA for a FONSI. NDOT will complete TCE for BIA and submit to Navajo Nation. Total Construction funds committed of \$20,000,000.		

Activity	2019	2020	2021	2022	2023	TOTAL
Administration	\$0	\$0	\$0	\$0	\$0	\$0
Planning	\$0	\$0	\$0	\$0	\$0	\$0
Preliminary Engineering	\$0	\$50,000	\$50,000	\$0	\$0	\$100,000
Construction	\$0	\$0	\$0	\$16,000,000	\$4,000,000	\$20,000,000
Construction Engineering	\$0	\$0	\$0	\$350,000	\$850,000	\$1,200,000
Transit	\$0	\$0	\$0	\$0	\$0	\$0
Maintenance	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL	\$0	\$50,000	\$50,000	\$16,350,000	\$4,850,000	\$21,300,000



Tribal Transportation Program (TTP) Bridge Program

- Under FAST Act, up to 3% of TTP funds are available each year for improving deficient bridges (Up to \$12 Million)
- To be eligible, a bridge must have an opening of at least 20 feet, be classified as a tribal transportation facility, and be ***structurally deficient or functionally obsolete***
- TTP Bridge Program Funds are a separate funding source and is competitive
- New Bridges are not eligible for this funding



NDOT Strategy for Existing Bridges

- ❑ Prioritize Existing Bridges that need to be replaced
- ❑ Request RDC to approved Preliminary Engineering Activities to get Bridge Plans “Construction Ready” which includes obtaining Environmental Clearances and Right-of-Way
- ❑ NDOT submits TTP Bridge Program Application
- ❑ Depending on TTP Bridge Program Funding Award, NDOT will request additional TTP Construction Funds if necessary



Existing Bridge Replacement Priority List



Navajo Nation Bridge Construction Priorities
Bridges With Sufficiency Rating Less Than 50, and/or Existing PS&E for Replacement



UPDATED: 3/23/2018

3/23/2018

CONST. PRIORITY	STRUCT. NUMBER**	AGENCY	ROUTE NUMBER	FEATURE CROSSED	LOCATION	STATE	COUNTY	LYNCEE (LOCAL LEGISL.)	LOCAL LEGISL.	AVERAGE DAILY TRAFFIC	IMPACT	GEN. DENT.	GEN. EDING.	LD. GTHG.	VEH. TRAV.	NEE. TRAV.	2016 SUFFICIENCY RATING	STATUS (PO or CL)	PG&E BY	PS&E STATUS	SCORING MATRIX						
																					Score A	Score B	Score C	Score D	Score E	Top 10 Score	
1	N410	FOR TDFRANCE	N421	BAND SPRINGS CREEK	2.4 MI N/O OF CRYSTAL NM.	NM	SAN JUAN	34.4.4444	-149.25524	212	11243	914	*	22.8	4.3	142.24	2.8	1	ASBO	100	10	10	1	7	10	5	43.2
2	N411F	WESTERN NAVAJO	N411	MOENKOP WASH	4.3 MI WEST OF MOENKOP I	AZ	COCONINO	34.4.4354	-11129.540	24	2.2	915	914	22	4.4	95.4	3.4.3	1	PAIKI	100	10	7	0	10	10	5	42.0
3	N490	SHIFROCK	N411	SIP TAUN TOM WASH	4.6 MI S. TOADLENA TP.	NM	SAN JUAN	34.25544	-149.43544	221	1.312	914	914	21	5.4	6.12	34.4	1	PAIKI	100	10	8	1	7	10	8	44.0
4	N454F	FOR TDFRANCE	N414	WASH	N TOH. TCHINM.	NM	MCKINLEY	35.4.4422	-149.34344	344	1.4	914	*	22.8	4.4	142.24	14.3	1	ASBO	100	10	8	3	1	10	10	42.0
6	N444F	FOR TDFRANCE	N441	RIO PUERO RIVER	* 2 MI SE ESEE PARK NN	AZ	AFRACHE	35.32224	-149.23442	94	4.45	914	*	44.4	4.2	424.24	42.2	2	BA	100	10	5	0	4	10	10	39.0
8	N490	WESTERN NAVAJO	N433	KABETO WASH	N KA BETO ULLAGE	AZ	COCONINO	34.54114	-11141.444	104	2.492	914	*	4.3	4.4	944.4	44.4	1	ASBO	100	10	3	0	2	10	10	39.0
7	N444F	FOR TDFRANCE	N454	FIGUERO WASH	SOUTHEDGE NAVA BTO NM	NM	MCKINLEY	35.71114	-149.23144	41	4.4	914	*	21.2	4.1	121.44	14.3	1	ASBO	100	10	9	0	1	10	3	33.0
2	N444	CHINLE	N48	TSALE CREEK	1 MI SE OF NAVAJO COMM. CD.	AZ	AFRACHE	34.2444	-149.14444	2234	22.245	914	*	22.8	4.3	224.44	41.4	*	BA	96	0	0	10	3	9	10	32.0
8	N444	FOR TDFRANCE	N421	CRYSTAL CREEK	N CRYSTALINE U MEXICO	NM	SAN JUAN	34.4.4312	-149.24132	254	1.44	944	*	44.2	5.5	444.1	24.4	1	ASBO	100	0	7	1	7	10	5	30.1
10	N444F	FOR TDFRANCE	N443	CRYSTAL CREEK	1 MIEBOST OF CRYSTAL NM	NM	SAN JUAN	34.4.5341	-149.24.94	24	1.44	944	*	4.4	4.3	42.4	42.2	1	PAIKI	100	10	5	0	0	10	5	30.0
11	N414	CHINLE	N48	UMER TP ELD CREEK	11 MILES SOUTH OF ACT NB	AZ	AFRACHE	34.23314	-149.11144	154	10.273	944	*	24.4	4.3	244.4	14.4	*	BA	96	0	0	6	3	9	10	28.0
12	N454	FOR TDFRANCE	N442	R.D. PUERO WASH	15 MI SOUTH OF LUP TON AZ	AZ	AFRACHE	35.2444	-149.41224	44	3.1454	914	*	12.4	5.3	444.21	44.1	2	PAIKI	100	0	5	1	1	10	10	27.0
18	N434	WESTERN NAVAJO	N414	LAGUNA CREEK	3 MIEBOST OF TBO I	AZ	NAVAJO	34.4.4422	-119.23444	44	1.44	944	914	4.4	4.3	34.4	34.4	1	PAIKI	100	0	9	0	3	10	5	27.0
14	N434	WESTERN NAVAJO	N414	DONNETTO CREEK	5 MILES O OF BAND SPRINGS	AZ	COCONINO	35.4.4422	-119.34314	44	10.54	914	*	4.4	4.3	44.22	34.4	2	PAIKI	100	0	6	0	2	10	8	26.0
16	N444	FOR TDFRANCE	N413	UPPER BONITO WASH	13 MI N/O OF TDFRANCE	AZ	AFRACHE	35.3124	-149.44444	44	3.241	914	*	4.4	4.3	44.22	34.4	1	ASBO	100	0	8	1	2	10	5	26.0
18	N424F	SHIFROCK	N441	TOADLENA WASH	* 3 MI N/O TH. TOADLENA TP.	NM	SAN JUAN	34.2344	-149.23444	21	1.44	944	*	4.4	4.3	44.22	34.4	1	PAIKI	90	0	8	0	0	9	5	22.1
17	N424	FOR TDFRANCE	N442	K. N. CHEE WASH	2.4 MI N/O OF AZ 144 ON 434	AZ	AFRACHE	35.32224	-149.42312	342	4.45	944	914	4.4	4.4	44.44	44.4	2	PAIKI	100	0	3	1	4	10	3	21.0
18	N421	CHINLE	N44	BELLIHA WASH	4 MI E/ST OF AZ HUY 11	AZ	AFRACHE	35.2244	-149.54444	244	10.311	914	*	55.4	4	222	34.4	2	PAIKI	100	0	6	1	1	10	3	21.0
18	N44	FOR TDFRANCE	N414	STEAMBOAT WASH	1 MIEBOST OF STEAMBOAT AZ	AZ	AFRACHE	35.7444	-149.24.94	111	4.351	914	914	4.4	4.3	34.2	34.1	2	PAIKI	100	0	3	0	4	10	3	20.0
20	N44	SHIFROCK	N45	WALKER CREEK	1.3 MIE + 2 MIN ROCKPOINT	AZ	AFRACHE	34.4.4454	-149.42444	92	2.4.11	911	914	21.4	4.4	24.24	2.4	1	BA	50	0	10	0	1	5	3	19.0
21	N424	SHIFROCK	N442	TOH-CHIN-LI WASH	14 MI S. EMANUEL MESSON	AZ	AFRACHE	34.3442	-149.34.144	113	12.41	914	*	4.2	4.4	44.44	34.4	2	PAIKI	100	0	3	0	2	10	3	18.0
22	N444	WESTERN NAVAJO	N444	LAGUNA CREEK	3 MIE WEST OF KAYEN TR.	AZ	NAVAJO	34.2444	-119.34454	411	10.431	914	*	24	3.3	14	14.4	2	ASBO	100	0	1	1	2	10	3	17.0
22	N44	FOR TDFRANCE	N49	SHOE WASH	5.4 MI N/O DONA HUY 24	AZ	AFRACHE	35.3244	-149.44.14	224	5.44	914	*	4.4	4.3	44.2	34.4	1	NO WE	0	0	8	2	4	0	3	17.0
24	N49	WESTERN NAVAJO	N413	SAN FRANCISCO WASH	11 MI U 4.5 MI S/O LEUPP	AZ	COCONINO	35.2424	-111.4.354	34	5.253	911	*	4.4	4.3	34.2	14.4	2	ASBO	100	0	1	0	1	10	5	17.0
26	N49	WESTERN NAVAJO	N414	SAN FRANCISCO WASH	* MI U 4.4 MI S/O LEUPP	AZ	COCONINO	35.2444	-111.4.444	22	14.4.4	914	*	4.4	4.3	34.2	17.4	2	ASBO	100	0	1	0	1	10	3	16.5
28	N414	CHINLE	N41	TSE CHIEZ WASH	* 5 MI N/O OF LOO MOUNTAIN	AZ	NAVAJO	35.4.4444	-119.11254	442	4.443	911	*	32.4	4.3	342.25	44.1	1	BA	0	0	4	2	1	0	8	16.0
27	N424	WESTERN NAVAJO	N413	DONNETTO WASH	* 6 MI N/O OF LEUPP	AZ	COCONINO	35.4444	-111.4.442	11	4.241	911	*	4.4	4.3	34.2	44.2	2	PAIKI	100	0	1	0	1	10	3	16.0
22	N424	SHIFROCK	N444	K. N. CHEE WASH	2.1 MIE WEST OF TOLACON	AZ	AFRACHE	34.4.4444	-149.44.444	141	4.222	914	*	4.4	4.3	34.2	44.4	2	BA	50	0	3	0	2	5	3	13.0
28	N454	FOR TDFRANCE	N44	UDIE RUNS WASH	* 4 MIE WEST OF KLAGO TOH	AZ	AFRACHE	35.54114	-149.5.144	244	32.4.4	944	*	4.4	4.3	44.2	34.1	2	NO WE	0	0	6	1	1	0	3	11.2
20	N44	FOR TDFRANCE	N442	SHIMUWAER CREEK	* 4 MI U 4.3 MI S/LUP TON	AZ	AFRACHE	35.2441	-149.4.4.4	214	24.116	914	*	4.4	4.3	45.21	44.2	2	NO WE	0	0	4	1	2	0	1	8.2

Structure Number Coding**

- N411F Fracture Critical Bridges
- N411C Closed Bridges
- PROJECT TO CURRENT TTP
- PROJECT TO CURRENT TTP (UNDER CONSTRUCTION)
- PROJECT TO CURRENT TTP (EITHER - NO CONSTRUCTION FUNDS IDENTIFIED)

SUFFICIENCY RATING: from 2016 Inspections, or last inspection before closure.
AVERAGE DAILY TRAFFIC: from 2016 Inspections, or last inspection before closure, or R0-00 T traffic count data.

Legend:

- Score A - Fracture Critical & Closed 10 Points max
- Score B - Sufficiency Rating 10 Points max
- Score C - Traffic Use 10 Points max
- Score D - Age of Existing Bridge 10 Points max
- Score E - PS&E Status 10 Points max
- Score F - ROW Status 10 Points max

*NOTE: The % PS&E status does not include having to update the design plans that have sat on the shelf for over 2 years.



Bridge Projects Included on the FY2019 NNTTIP

Eight (8) Existing Bridges will be Replaced as part of Road Improvement Projects on the NNTTIP.

- 1. N2007(1-1)(2)1,2,4–Navajo, AZ: Replace N666 Bridge in FY2017**
- 2. N6331(2)/N6330(1)/N21-Kaibeto, AZ: Replace N310 Bridge in FY2018**
- 3. N12(19-4)1,2,4-Tsaile/Wheatfields, AZ: Replace N504 & N505 in FY2018**
- 4. N35(8)/N5045(1)1,2,4-Sweetwater, AZ: Replace N230 Bridge in FY2018**
- 5. N9073(1)1,2,4–Fort Defiance, AZ: Replace N606 Bridge in FY2019**
- 6. N5001(1)1,2,4–Toadlena, NM: Replace N241 & N214 Bridge in FY2020**



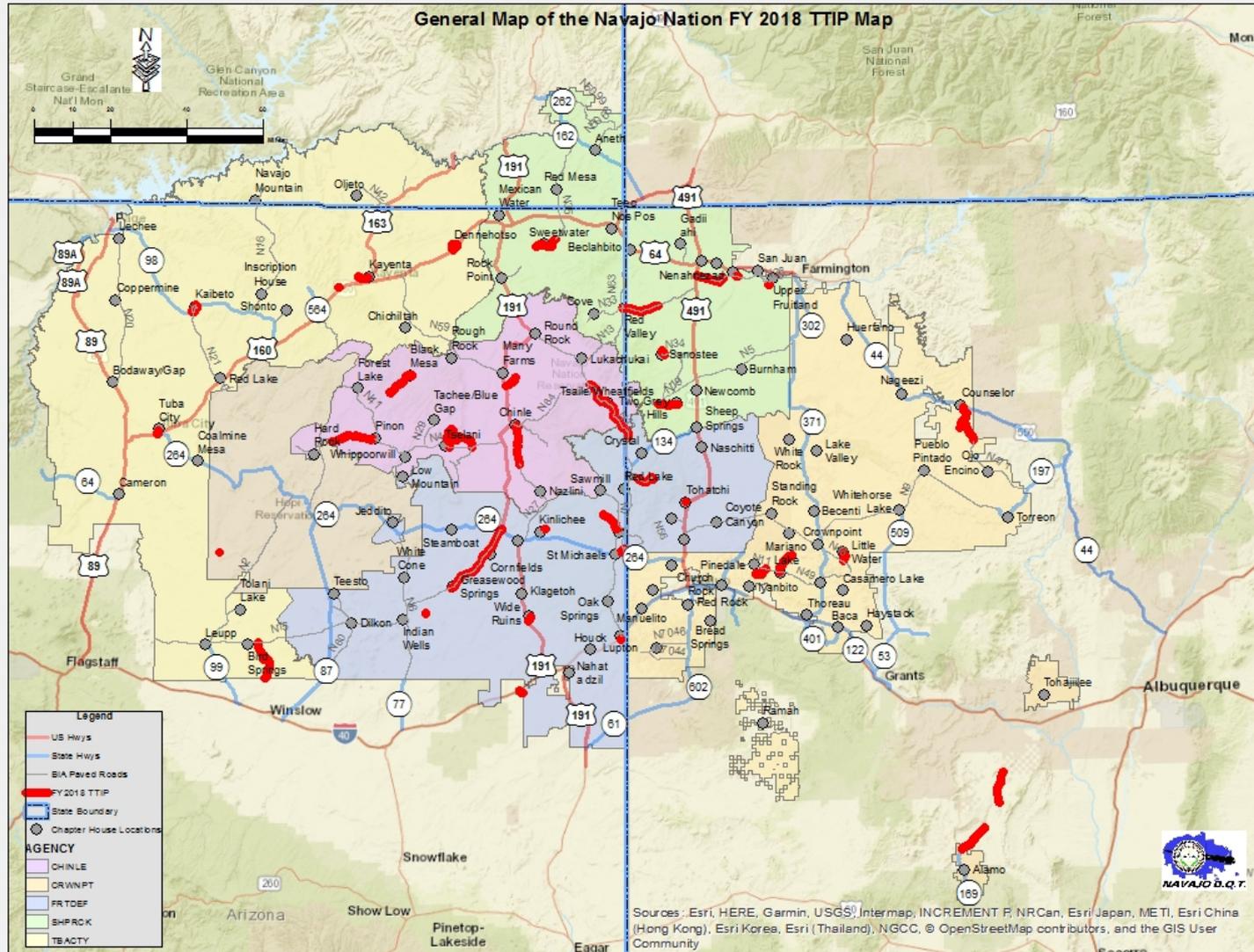
Bridge Projects Included on the FY2018 NNTTIP

Five (5) Bridge Replacement Projects are approved for Preliminary Engineering Activities on the NNTTIP. TTP Bridge Program Applications will be submitted for Construction.

- 1. N108(1)1,2,4–Tohatchi, NM: Replace N651 Bridge**
- 2. N9402(1)1,2–Lupton, AZ: Replace N656 Bridge**
- 3. N6486(1)1,2,3–Kayenta, AZ: Replace N308 & N314 Bridges**
- 4. N203(2)1,2–Kinlichee , AZ: Replace N629 Bridge**
- 5. N6720(1)1,2,3–Sand Springs, AZ: Replace N309 Bridge**



FY2018 NNTTIP Road & Bridge Projects





Projects Under Construction in FY2018/2019

Nine (9) Projects will be under construction by FY2018/2019:

- 1. N27(4-2)(2-3)(2-2)/N7(2-3)/N105(1)–Chinle/Nazlini, AZ (Chinle Agency)**
 - 10.9 miles of grade, drain, paving & new roundabout at N27/N7
- 2. N6331(2)2,4/N6330(1)/N21(1A)1,2,4–Kaibeto, AZ (Western Agency)**
 - 2.3 miles of paving & bridge
- 3. N7119(1)/N481(1)1,2,3–Littlewater, NM (Eastern Agency)**
 - 3.0 miles of grade, drain & gravel
- 4. N101(1)2,4–Ojo Amarillo, NM (Northern Agency)**
 - 0.6 miles of grade, drain & paving
- 5. N12(19-4)1,2&4–Wheatfields Lake to Tsaile, AZ (Chinle Agency)**
 - 10.0 miles of pavement reconstruction & two bridge replacements



Projects Under Construction in FY2018/2019

Nine (9) Projects will be under construction by FY2018/2019:

- 6. N15(2-3)2&4–Cornfields/Burnside, AZ (Ft. Defiance Agency)**
 - 7.1 miles of grade, drain and pavement reconstruction
- 7. N71(3)2&4–Birdsprings, AZ (Western Agency)**
 - 7.5 miles of grade, drain & paving
- 8. N6461(1-2)/N6460(1)1,2&4–Dennehotso, AZ (Western Agency)**
 - 5.7 miles of grade, drain, paving & bridge
- 9. N35(8)/N5045(1)1,2&4,4–Sweetwater, AZ (Northern Agency)**
 - 6.8 miles of grade, drain, paving & bridge replacement



Projects with Construction FY2019

Projects Receiving Construction Funds in FY2019:

1. N11(1a) Mariano Lake, NM – Cost of \$12,000,000
2. N4/N8031 Hardrock to Pinon, AZ – Cost of \$11,150,000
3. N9073(1) Ft. Defiance, AZ – Cost of \$13,461,283
4. N36 San Juan Chapter, NM – Cost of \$700,000 / Project received \$72,000 in TTP Safety Funds.

Total Construction Funds = \$37,311,283



Projects with Construction FY2020

Projects Receiving Construction Funds in FY2020:

1. **N5001(1) Toadlena, NM – Cost of \$10,000,000**
2. **N46/N471 Counselor, NM – Cost of \$14,800,000**
3. **N8084(1) Many Farms, AZ – Cost of \$4,695,283**
4. **N12(13-2) Wheatfields, AZ – Cost of \$5,591,717**
5. **N5012(1) Sanostee, NM – Cost of \$3,700,000**

Total Construction Funds = \$38,787,000



Projects with Construction FY2021

Projects Receiving Construction Funds in FY2021:

1. N8084(1) Many Farms, AZ – Cost of \$7,491,717
2. N8066(3)/N8065(1) Black Mesa, AZ – Cost of \$17,000,000
3. N12(13-2) Wheatfields, AZ – Cost of \$10,408,283
4. N13(3-3) Red Valley, AZ/NM – Cost of \$5,250,000

Total Construction Funds = \$40,150,000



Projects with Construction FY2022

Projects Receiving Construction Funds in FY2022:

1. N71(1-1)(2-1)/N2(1) Birdsprings, AZ – Cost of \$8,500,000
2. N15(3-1) Cornfields/Sunrise, AZ – Cost of \$16,000,000
3. N55(1-1) Alamo, NM – Cost of \$7,462,175
4. N13(3-3) Red Valley, AZ/NM – Cost of \$450,000
5. N609(2) Tuba City, AZ – Cost of \$2,600,000
6. N36(5A-1) Shiprock, NM – Cost of \$4,737,825

Total Construction Funds = \$39,750,000



Projects with Construction FY2023

Projects Receiving Construction Funds in FY2023:

1. N36(5A-1) Shiprock, NM – Cost of \$5,262,175
2. N6485(1) Kayenta, AZ – Cost of \$4,400,000
3. N15(3-1)(4-1) Cornfields-Sunrise, AZ – Cost of \$4,000,000

Total Construction Funds = \$13,662,175 to cover projects currently on the TTIP.

Available Construction Funds in FY2023 is \$23,000,000 for new projects added to the TTIP.



FY2019 TTIP Project Listing

Western Agency

Navajo Division of Transportation 2019 Tribal Transportation Improvement Program (TTIP) Project Listing - DRAFT WESTERN AGENCY

Road Number	Chapter	Scope of Work	Miles	Class	ADT	Environmental/ Archeological Status	Project Type	Project Cost	Other Fund Source	Unmet Need
2	Birdsprings	Grade, Drain, Pavement	15.2	Paved	318	Arch, EA Complete	Pavement	\$ 15,200,000.00	\$ -	\$ 15,200,000.00
16	Tonalea	Grade, Drain, Pavement	8.9	Paved	196	Arch, EA Complete	Pavement	\$ 8,900,000.00	\$ -	\$ 8,900,000.00
16	Inscription House	Grade, Drain, Pavement	6.5	Paved	403	Arch, EA, Bio Complete	Pavement	\$ 6,500,000.00	\$ -	\$ 6,500,000.00
20	Lechee	Gravel, Chipseal	12.7	Chipseal	1610	Incomplete	Pavement	\$ 1,905,000.00	\$ -	\$ 1,905,000.00
21	Coppermine	Grade, Drain, Pavement	12.6	Paved	113	Incomplete	Pavement	\$ 12,600,000.00	\$ -	\$ 12,600,000.00
21	Kaibito	Grade, Drain, Pavement	10.6	Paved	266	Incomplete	Pavement	\$ 10,600,000.00	\$ -	\$ 10,600,000.00
70	Leupp	Grade, Drain, Pavement	12	Paved	136	Incomplete	Pavement	\$ 12,000,000.00	\$ -	\$ 12,000,000.00
221	Shonto	Grade, Drain, Pavement	9.1	Paved	234	Arch Complete	Pavement	\$ 9,100,000.00	\$ -	\$ 9,100,000.00
591	Kayenta	Grade, Drain, Pavement	9.3	Paved	377	Arch, EA Complete	Pavement	\$ 9,300,000.00	\$ -	\$ 9,300,000.00
591	Chichinbeto	Grade, Drain, Gravel/Chipseal	7.3	Paved	377	Arch, EA Complete	Pavement	\$ 1,095,000.00	\$ -	\$ 1,095,000.00
1012	Tuba City	Grade, Drain, Gravel/Chipseal	4.5	Paved	1080	Incomplete	Pavement	\$ 675,000.00	\$ -	\$ 675,000.00
6310	Navajo Mountain	Grade, Drain, Gravel/Chipseal	4.9	Paved	1988	Arch Complete	Pavement	\$ 735,000.00	\$ -	\$ 735,000.00
6440	Oljato	Grade, Drain, Gravel/Chipseal	11.8	Paved	50	Incomplete	Pavement	\$ 1,770,000.00	\$ -	\$ 1,770,000.00
6461	Dennehotso	Grade, Drain, Gravel/Chipseal	2.9	Paved	502	EA, Bio Complete	Pavement	\$ 435,000.00	\$ -	\$ 435,000.00
6720	Coalmine Canyon	Grade, Drain, Gravel/Chipseal	12.9	Paved	75	Arch Complete	Pavement	\$ 1,935,000.00	\$ -	\$ 1,935,000.00
6820	Tolani Lake	Grade, Drain, Gravel/Chipseal	14.7	Paved	97	Arch Complete	Pavement	\$ 2,205,000.00	\$ -	\$ 2,205,000.00
							TOTAL	\$ 94,955,000.00	\$ -	\$ 94,955,000.00



FY2019 TTIP Project Listing Fort Defiance Agency

Navajo Division of Transportation 2019 Tribal Transportation Improvement Program (TTIP) Project Listing - DRAFT FORT DEFIANCE AGENCY

Road Number	Chapter	Scope of Work	Miles	Class	ADT	Environmental/ Archeological Status	Project Type	Project Cost	Other Funding Source	Unmet Need
112	Red Lake	Grade, Drain, Gravel	6.6	Paved	279	Arch, EA, Bio Complete	Safety	\$ 660,000.00	\$ -	\$ 660,000.00
112	Fort Defiance	Grade, Drain, Stabilize	5.6	Paved	145	Arch, EA, Bio Complete	Safety	\$ 112,000.00	\$ -	\$ 112,000.00
7	Fort Defiance, Sawmill	Drainage, Pavement	12.7	Paved	1390	Incomplete	Safety	\$ 12,700,000.00	\$ -	\$ 12,700,000.00
96	Coyote Canyon	Grade, Drain, Stabilize	12.5	Paved	134	Arch, EA, Bio Complete	Safety	\$ 254,000.00	\$ -	\$ 254,000.00
151	Ganado	Grade, Drain, Gravel	7.7	Paved	386	Arch, EA Complete	Safety	\$ 616,000.00	\$ -	\$ 616,000.00
151	Confields	Grade, Drain, Gravel	1.2	Paved	386	Arch, EA Complete	Safety	\$ 96,000.00	\$ -	\$ 96,000.00
39	Kinlichee	Grade, Drain, Stabilize	4.7	Paved	165	Incomplete	Safety	\$ 94,000.00	\$ -	\$ 94,000.00
39	Kinlichee	Grade, Drain, Stabilize	0	Paved	173	Incomplete	Bridge	\$ 20,000.00	\$ -	\$ 20,000.00
39	Kinlichee	Grade, Drain, Stabilize	0	Paved	111	Incomplete	Bridge	\$ 20,000.00	\$ -	\$ 20,000.00
30	Mexican Springs	Gravel, Chipseal	4	Paved	627	Incomplete	Safety	\$ 600,000.00	\$ -	\$ 600,000.00
60	Dilcon	Drainage, Pavement	13.7	Paved	2277	Incomplete	Safety	\$ 13,700,000.00	\$ -	\$ 13,700,000.00
60	Dilcon	Drainage, Pavement	10.6	Paved	1338	Incomplete	Safety	\$ 10,600,000.00	\$ -	\$ 10,600,000.00
602	Teesto	Grade, Drain, Gravel	2.6	Paved	350	Incomplete	Safety	\$ 208,000.00	\$ -	\$ 208,000.00
							TOTAL	\$ 39,680,000.00	\$ -	\$ 39,680,000.00



FY2019 TTIP Project Listing

Northern Agency

Navajo Division of Transportation
 2019 Tribal Transportation Improvement Program (TTIP) Project Listing - DRAFT
 NORTHERN AGENCY

Road Number	Chapter	Scope of Work	Miles	Class	ADT	Environmental/ Archeological Status	Project Type	Project Cost	Other Funding Source	Unmet Need
5033, 5366	Shiprock	Grade, Drain, Pavement	1.5	Paved	3067	Complete	Pavement	\$ 1,500,000.00	\$ -	\$ 1,500,000.00
12	Mexican Water	Grade, Drain, Pavement	5	Chipseal	1142	Complete	Pavement	\$ 5,000,000.00	\$ -	\$ 5,000,000.00
35	Red Mesa, AZ	Grade, Drain, Pavement	2.8	Paved	761	Complete	Pavement	\$ 2,800,000.00	\$ -	\$ 2,800,000.00
5010	Tse Aloaztiti	Gravel, Chipseal, Culvert install	3	Paved	300	Arch, EA Complete	Pavement	\$ 460,000.00	\$ -	\$ 460,000.00
367	Upper Fruitland	Gravel, Chipseal	3	Paved	600	Arch Complete, EA need update	Pavement	\$ 450,000.00	\$ -	\$ 450,000.00
5059	Tee Nos Pos	Subgrade, stabilize, gravel, culvert install	2.5	Paved	229	Arch, Bio Complete	Pavement	\$ 310,000.00	\$ -	\$ 310,000.00
5060	Red Mesa, AZ	Subgrade, stabilize, gravel, culvert install	5	Paved	250	Arch Complete, EA need update	Pavement	\$ 210,000.00	\$ -	\$ 210,000.00
5066, 5065	Aneth, UT	Subgrade, stabilize, gravel, culvert install	6	Paved	250	Arch Complete, EA need update	Pavement	\$ 250,000.00	\$ -	\$ 250,000.00
569	Shiprock, NM	Subgrade, stabilize, gravel, culvert install	0.2	Paved	800	Incomplete	Pavement	\$ 25,000.00	\$ -	\$ 25,000.00
36	Upper Fruitland, NM	Grade, Drain, Pavement	0.2	Chipseal	7000	Arch, EA need update	Bridge	\$ 200,000.00	\$ -	\$ 200,000.00
332	Cove, AZ	Grade, Drain, Pavement	0.2	Paved	150	Arch, Bio Complete	Bridge	\$ 200,000.00	\$ -	\$ 200,000.00
57	Gadii Ahi	Grade, Drain, Pavement	0.2	Paved	300	Arch, Bio Complete	Bridge	\$ 200,000.00	\$ -	\$ 200,000.00
19	Two Grey Hills	Fencing	12.2	Paved	250	Arch, EA, Centerline Complete	Safety	\$ 488,000.00	\$ -	\$ 488,000.00
57	Gadii Ahi	Grade, Drain, Pavement	8.2	Paved	250	Arch, EA, Centerline Complete	Pavement	\$ 8,200,000.00	\$ 200,000.00	\$ 8,000,000.00
35	Red Mesa, AZ	Fencing	17.8	Paved	250	Incomplete	Safety	\$ 712,000.00	\$ -	\$ 712,000.00
TOTAL								\$ 21,005,000.00	\$ 200,000.00	\$ 20,805,000.00



FY2019 TTIP Project Listing Eastern Agency

**Navajo Division of Transportation
2019 Tribal Transportation Improvement Program (TTIP) Project Listing - DRAFT
EASTERN AGENCY**

Road Number	Chapter	Scope of Work	Miles	Class	ADT	Environmental/ Archeological Status	Project Type	Project Cost	Other Funds	Unmet Need
N485	Casamaro Lake	plan/design/construct/chip seal	8	5	85	partial complete	earth road	\$ 1,200,000.00	\$ -	\$ 1,200,000.00
CR6	Chichiltah	resurface with chip seal	8	4	696	complete	chip seal	\$ 1,700,000.00	\$ -	\$ 1,700,000.00
N11	Mariano Lake	plan/design/construct/chip seal	6	5	462	complete	earth road	\$ 1,000,000.00	\$ -	\$ 1,000,000.00
N52	Nahodeshgish	plan/design/construct/chip seal	6	5	419	need preliminary study	earth road	\$ 1,000,000.00	\$ -	\$ 1,000,000.00
CR7950	Nageezi	plan/design/construct/chip seal	12	5		complete	earth road	\$ 1,000,000.00	\$ -	\$ 1,000,000.00
CR7500	Nageezi	plan/design/construct/chip seal	14	5		complete	earth road	\$ 1,000,000.00	\$ -	\$ 1,000,000.00
N46	Pueblo Pintado	plan/design/construct/chip seal	10	5	490	need preliminary study	earth road	\$ 1,000,000.00	\$ -	\$ 1,000,000.00
N7128	Pueblo Pintado	plan/design/construct/chip seal	10	5		need preliminary study	earth road	\$ 1,000,000.00	\$ -	\$ 1,000,000.00
N57	Tohajiilee	construct/chip seal	6	4	168	complete	chip seal	\$ 1,000,000.00	\$ -	\$ 1,000,000.00
N56	Tohajiilee	resurface/chip seal	10	5	1551	complete	earth road	\$ 1,000,000.00	\$ -	\$ 1,000,000.00
CR33	Iyanbito	plan/design/ construct	7	5	100	need preliminary study	earth road	\$ 1,000,000.00	\$ -	\$ 1,000,000.00
N474	Ojo Encino	plan/design/ construct	10	4	503	need preliminary study	earth road	\$ 1,000,000.00	\$ -	\$ 1,000,000.00
N474	Ojo Encino	plan/design/ construct	0	4		need preliminary study	Bridge	\$ 1,000,000.00	\$ -	\$ 1,000,000.00
CR7760	Whiterock	plan/design/ construct	8	5		need preliminary study	earth road	\$ 1,000,000.00	\$ -	\$ 1,000,000.00
N481	Littlewater	plan/design/ construct	19	5	255	need preliminary study	earth road	\$ 1,000,000.00	\$ -	\$ 1,000,000.00
							TOTAL	\$ 15,900,000.00	\$ -	\$ 15,900,000.00



FY2019 TTIP Project Listing

Chinle Agency

Navajo Division of Transportation
 2019 Tribal Transportation Improvement Project (TTIP) Listing - DRAFT
 CHINLE AGENCY

Road Number	Chapter	Scope of Work	Miles	Class	ADT	Environmental / Archeological Status	Project Type	Project Cost	Other Funding Source	Unmet Need
US 191	Chinle, Many Farms	Bus Stop Construction	0	N/A	N/A	Complete	Transit	\$ 10,000.00	\$ 5,000.00	\$ 5,000.00
7	Chinle	Street Lighting	3	N/A	12780	Complete	Safety	\$ 3,000,000.00	\$ 1,500,000.00	\$ 1,500,000.00
12	Tsaile to Round Rock	Fencing	20.3	Chip Seal	2439	Complete	Safety	\$ 2,600,000.00	\$ 500,000.00	\$ 2,100,000.00
8091	Chinle	Shared-Use Trail	2	N/A	N/A	Incomplete	Trails	\$ 70,000.00	\$ 35,000.00	\$ 35,000.00
7	Chinle	Sidewalk Repair	3	Concrete	12780	Complete	Sidewalk	\$ 100,000.00	\$ 50,000.00	\$ 50,000.00
8094, 8600	Chinle	Chip Seal	3.1	Paved	169	Complete	Airport	\$ 600,000.00	\$ -	\$ 600,000.00
59	Many Farms/ Rough Rock	Crack Seal, Chip Seal, Striping & Fence Repair	20.6	Chip Seal	3751	Complete	Pavement	\$ 5,000,000.00	\$ -	\$ 5,000,000.00
8095	Chinle	Bridge, Grade&Drain, Pa	3.7	Paved	999	Incomplete	Pavement	\$ 10,000,000.00	\$ -	\$ 10,000,000.00
26	Nazlini	Bridge Replacement (521	0	Paved	135	EA need update	Bridge	\$ 3,000,000.00	\$ -	\$ 3,000,000.00
							TOTAL	\$ 24,380,000.00	\$ 2,090,000.00	\$ 22,290,000.00



FY2019 NNTTIP FIVE YEAR PLAN FUNDING ALLOCATION

- CHINLE AGENCY - \$60.8 MILLION (33.1%)
 - FORT DEFIANCE AGENCY – \$36.1 MILLION (19.7%)
 - EASTERN AGENCY – \$36.1 MILLION (19.6%)
 - NORTHERN AGENCY - \$32.4 MILLION (17.7%)
 - WESTERN AGENCY - \$18.2 MILLION (9.9%)
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- FIVE YEAR TOTAL - \$183.6 MILLION



QUESTIONS ??

