

Navajo Nation Broadband Development & Deployment Meeting

March 12, 2025
NDOT

AGENDA

9:00 – 9:30 AM	<ul style="list-style-type: none">– Intro/Overview– OPVP Remarks– NNC Remarks	Sonia Nez , NNBO Dept. Manager Darrah Blackwater , Office of the President TBD
9:30 – 10:30 AM	<ul style="list-style-type: none">– Introducing Connect Diné– Navajo Nation Broadband Deployment Plan– E-Rate Program	Connect Diné Team Sonia Nez, Budweena Harrison, Bernardo Portilla, Brian Gilbert
10:30 – 10:45 AM	Break	
10:45 AM – 12:00 PM	Connect Diné Updates (continued)	Connect Diné Team Sonia Nez, Budweena Harrison, Bernardo Portilla, Brian Gilbert
12:00 – 1:00 PM	SPONSORED LUNCH	Alliance for Navajo Broadband
1:00 – 2:00 PM	State Updates <ul style="list-style-type: none">– State of Utah– State of New Mexico– State of Arizona	Lindsey Thurgood , Program Manager, Utah Broadband Center Andrew Wilder , New Mexico Office of Broadband Access and Expansion Oksana Beatty , Tribal Liaison Manager, Arizona Commerce Authority
2:00 – 2:45 PM	Digital Equity Updates <ul style="list-style-type: none">– Navajo Nation– State of Arizona– State of New Mexico– State of Utah	Joy Thompson , Diné College & Alliance for Navajo Broadband Erin Lorandos , Digital Equity Program Manager, AZ Commerce Authority Victory Quintana , OBAE's Digital Equity Coordinator Utah Broadband Office
2:45 – 3:00 PM	Break	
3:00 – 3:30 PM	NN Telecommunication Regulatory Commission Update	Byron Shorty , Interim Director Thomacita White , ASO
3:30 – 4:00 PM	Telecom & Broadband Regulations Update	Byron Bitsoie Sr , Department Manager Robert Allen
	Next Meeting	TBD



Contents

01 ERATE UPDATE

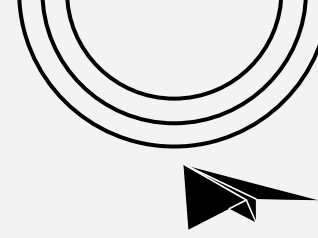
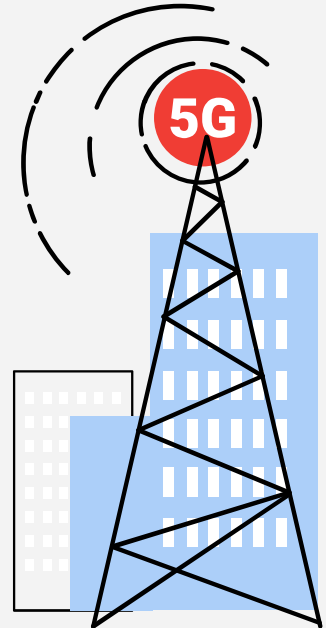
02 GOALS

03 LEO

04 5G

05 BEAD

06 Q & A

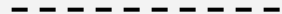




ERATE UPDATE

E-Rate, or the Schools and Libraries (E)Rate Program, is a universal service program that offers discounts to schools and libraries to help them afford high-speed internet and telecommunications services. The program is administered by the Universal Service Administrative Company (USAC) and overseen by the Federal Communications Commission (FCC).

On the Navajo Nation, we created Chapter Libraries located at the Chapters.



52 Chapter Libraries connected via ERate Fiber

1 Beclabito Chapter	Amber Kanazbah Crotty	NTUAW	27 Forest Lake Chapter	Germaine Simonson	NTUAW
2 Cove Chapter	Amber Kanazbah Crotty	NTUAW	28 Pinon Chapter	Germaine Simonson	NTUAW
3 Red Valley Chapter	Amber Kanazbah Crotty	NTUAW	29 Whippoorwill Chapter	Germaine Simonson	NTUAW
4 Sanostee	Amber Kanazbah Crotty	NTUAW	30 Tonalea Chapter	Helena Nez Begay	NTUAW
5 Sheepsprings Chapter	Amber Kanazbah Crotty	NTUAW	31 Navajo Mountain Chapter	Herman Daniels	NTUAW
6 Red Lake Chapter	Andy Nez	NTUAW	32 Shonto Chapter	Herman Daniels	NTUAW
7 Houck Chapter	Arbin Mitchell	NTUAW	33 Ts'ah Bii Kin/Inscription House Chapter	Herman Daniels	NTUAW
8 Klagetoh Chapter	Arbin Mitchell	NTUAW	34 Red Rock/Tse'Lichii' Chapter House	Lester Yazzie	SWC
9 Nahata Dził Chapter (Sanders)	Arbin Mitchell	NTUAW	35 Naschitti	Nathan Notah	NTUAW
10 Wide Ruins Chapter	Arbin Mitchell	NTUAW	36 Twin Lakes	Nathan Notah	NTUAW
11 Oak Springs Chapter	Brenda Jesus	NTUAW	37 Ramah Navajo Chapter	Norman M. Begay	OSO
12 Lukachukai Chapter	Carl Slater	NTUAW	38 To' Hajiilee Chapter House	Norman M. Begay	SWC
13 Rock Point Chapter	Carl Slater	NTUAW	39 Hogback	Rickie Nez	NTUAW
14 Round Rock Chapter	Carl Slater	NTUAW	40 Nenahnezad Chapter House	Rickie Nez	SWC
15 Coalmine Canyon Chapter	Casey Allen Johnson	NTUAW	41 Newcomb	Rickie Nez	NTUAW
16 Dilkon Chapter	Cherilyn Yazzie	NTUAW	42 San Juan Chapter House	Rickie Nez	SWC
17 Greasewood Chapter	Cherilyn Yazzie	NTUAW	43 Upper Fruitland Chapter House	Rickie Nez	SWC
18 Indian Wells Chapter	Cherilyn Yazzie	NTUAW	44 Dennehotso Ts'ah Bii Chapter	Shaandiin Parrish	NTUAW
19 Blue Gap Chapter	Crystalyne Curley	NTUAW	45 Kayenta Chapter	Shaandiin Parrish	NTUAW
20 Low Mountain Chapter	Crystalyne Curley	NTUAW	46 Chinle Chapter	Shawna Claw	NTUAW
21 Many Farms Chapter	Crystalyne Curley	NTUAW	47 Church Rock Chapter House	Steven Arviso	SWC
22 Tselani Cottonwood Chapter	Crystalyne Curley	NTUAW	48 Iyanbito Chapter House	Steven Arviso	SWC
23 Teec Nos Pos Chapter	Curtis Yanito	NTUAW	49 Thoreau Chapter House	Steven Arviso	SWC
24 Shiprock Chapter	Eugenia Charles-Newton	NTUAW	50 Cornfields Chapter	Vince James	NTUAW
25 Baca-Prewitt Chapter House	George Tolth	SWC	51 Ganado Chapter	Vince James	NTUAW
26 Black Mesa-(Kits'illi) Chapter	Germaine Simonson	NTUAW	52 Steamboat Chapter	Vince James	NTUAW

53 Crystal Chapter	Andy Nez
54 Ft. Defiance Chapter	Andy Nez
55 Sawmill	Andy Nez
56 Lupton (Tse Si Ani) Chapter	Arbin Mitchell
57 St. Michaels Chapter	Brenda Jesus
58 Rough Rock/Tse Ch' Izhi Chapter	Carl Slater
59 Tsaile/Wheatfields Chapter	Carl Slater
60 Birdsprings Chapter	Casey Allen Johnson
61 Cameron	Casey Allen Johnson
62 Leupp Chapter	Casey Allen Johnson
63 Tolani Lake	Casey Allen Johnson
64 Teesto Chapter	Cherilyn Yazzie
65 Whitecone	Cherilyn Yazzie
66 Nazlini Chapter	Crystalyne Curley
67 Mexican Water	Curtis Yanito
68 Sweetwater/Tolikan	Curtis Yanito
69 Hardrock	Germaine Simonson
70 Bodaway Gap	Helena Nez Begay
71 Coppermine	Helena Nez Begay
72 Lechee Chapter	Helena Nez Begay
73 Oljato Chapter House	Herman Daniels
74 Tohatchi	Nathan Notah
75 Alamo	Norman M. Begay
76 To'Nanees'Dizi Chapter	Otto Tso
77 Jeddito	Vince James
78 Kinlichee (Kin Dah I ichii) Chapter	Vince James

ERATE 2025 RE BID

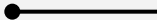
26 Chapter Libraries



Awarded to SWC in previous years & waiting for ROW

27 Chapter Libraries

79	Gadii ahi/To'Koi	Amber Kanazbah Crotty
80	Toadlena/Two Grey Hills	Amber Kanazbah Crotty
81	Becenti Chapter House	Danny Simpson
82	Crownpoint Chapter House	Danny Simpson
83	Huerfano Chapter House	Danny Simpson
84	Lake Valley Chapter House	Danny Simpson
85	Nageezi Chapter House	Danny Simpson
86	Nahodishgish Chapter House	Danny Simpson
87	White Rock Chapter House	Danny Simpson
88	Casamero Lake Chapter House	George Tolth
89	Counselor Chapter House	George Tolth
90	Little Water Chapter House	George Tolth
91	Ojo Encino Chapter House	George Tolth
92	Pueblo Pintado Chapter House	George Tolth
93	Torreon Chapter House	George Tolth
94	Whitehorse Lake Chapter House	George Tolth
95	Bread Springs Chapter House	Lester Yazzie
96	Chichiltah Chapter House	Lester Yazzie
97	Manuelito Chapter House	Lester Yazzie
98	Rock Springs Chapter House	Lester Yazzie
99	Tsayatoh Chapter House	Lester Yazzie
100	Coyote Canyon Chapter House	Nathan Notah
101	Mexican Springs Chapter House	Nathan Notah
102	Burnham/T'iis Toh Sikaad Chapter House	Rickie Nez
103	Mariano Lake Chapter House	Steven Arviso
104	Pinedale Chapter House	Steven Arviso
105	Smith Lake Chapter House	Steven Arviso



Awarded &
waiting for NN
Contract (\$)

106	Aneth Chapter House	Curtis Yanito
107	Red Mesa Chapter House	Curtis Yanito
108	Kaibeto/Kai Bii To	Helena Nez Begay
109	Chilchinbeto Chapter	Shaandiin Parrish

4
Chapter
Libraries*

*2 in SWC list for total of 6





Awarded &
waiting for
SWC ROW
backhaul

110 Standing Rock Chapter

Danny Simpson

**1 Chapter
Library**



NAVAJO NATION ERATE RECAP

52

CHAPTERS
CONNECTED

26

OUT FOR REBID

27

SWC WORKING ON
ROW AND PERMITING

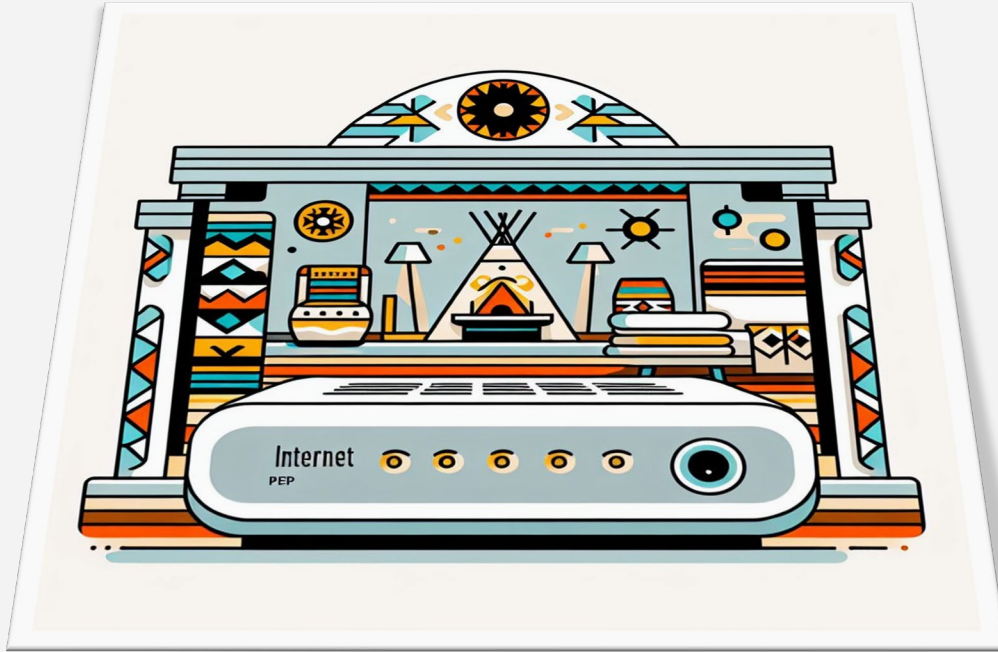
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NAVAJO NATION
CONTRACT IN
PROGRESS

1

WAITING ON SWC
BACKHAUL

GOAL - INTERNET TO YOUR HOME

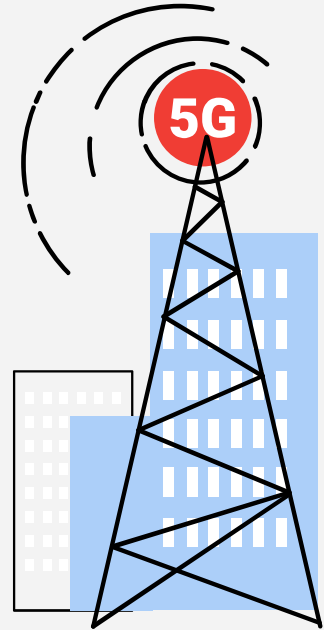
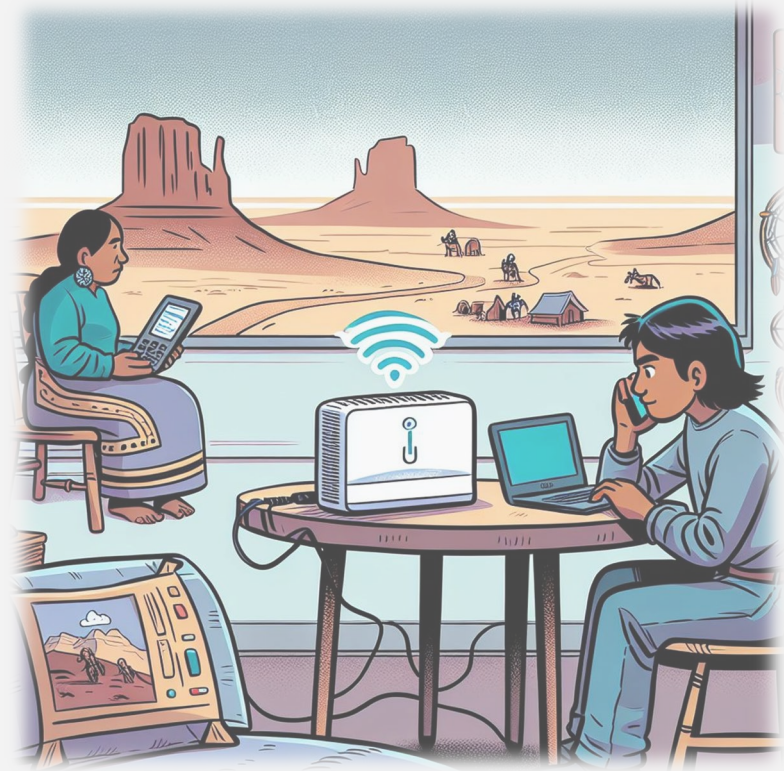


BROADBAND
TO YOUR
HOME

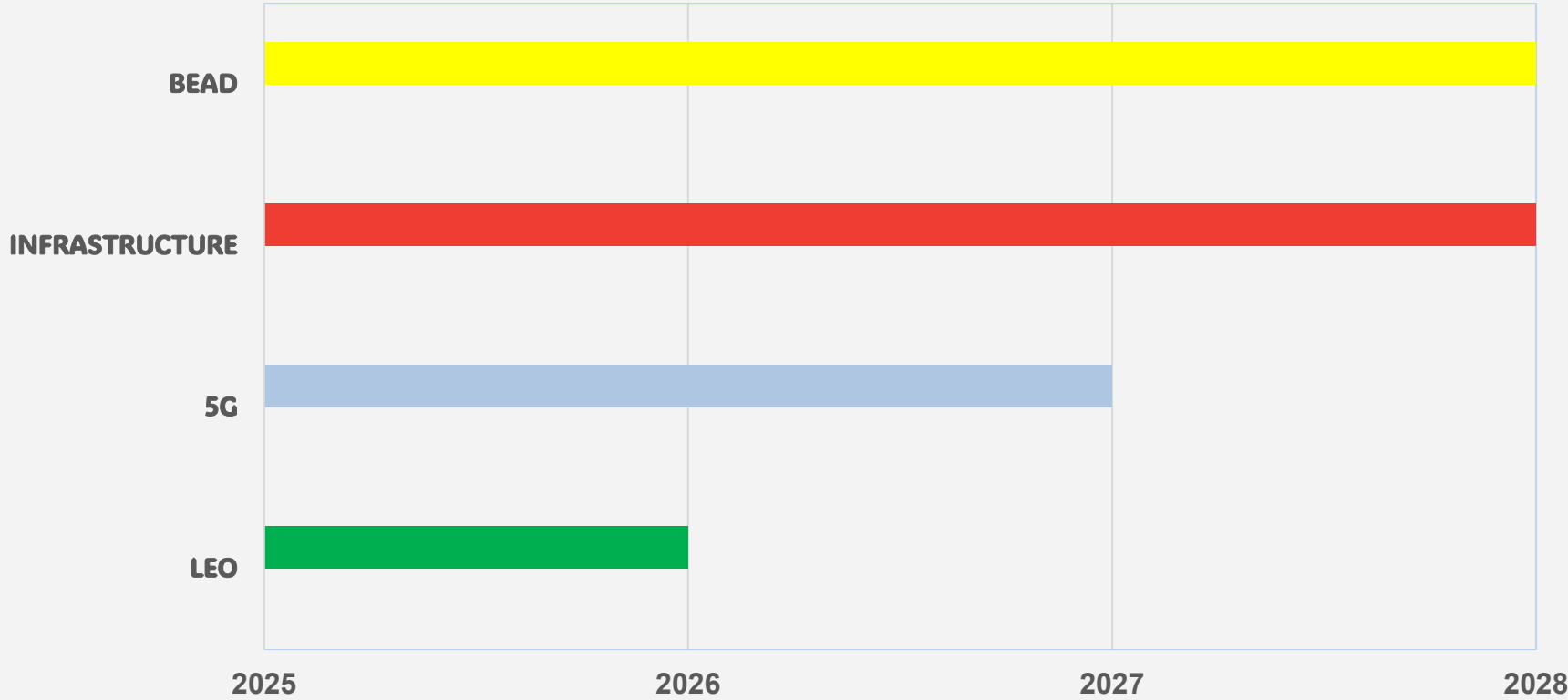



GOAL - MOBILE SERVICE

Cellular Like Mobile
Service and Internet in
your phone



PLANNED PROJECT TO ACCOMPLISH GOALS







5G available for growth centers

- Bridge the 10-year digital divide in the Navajo Nation

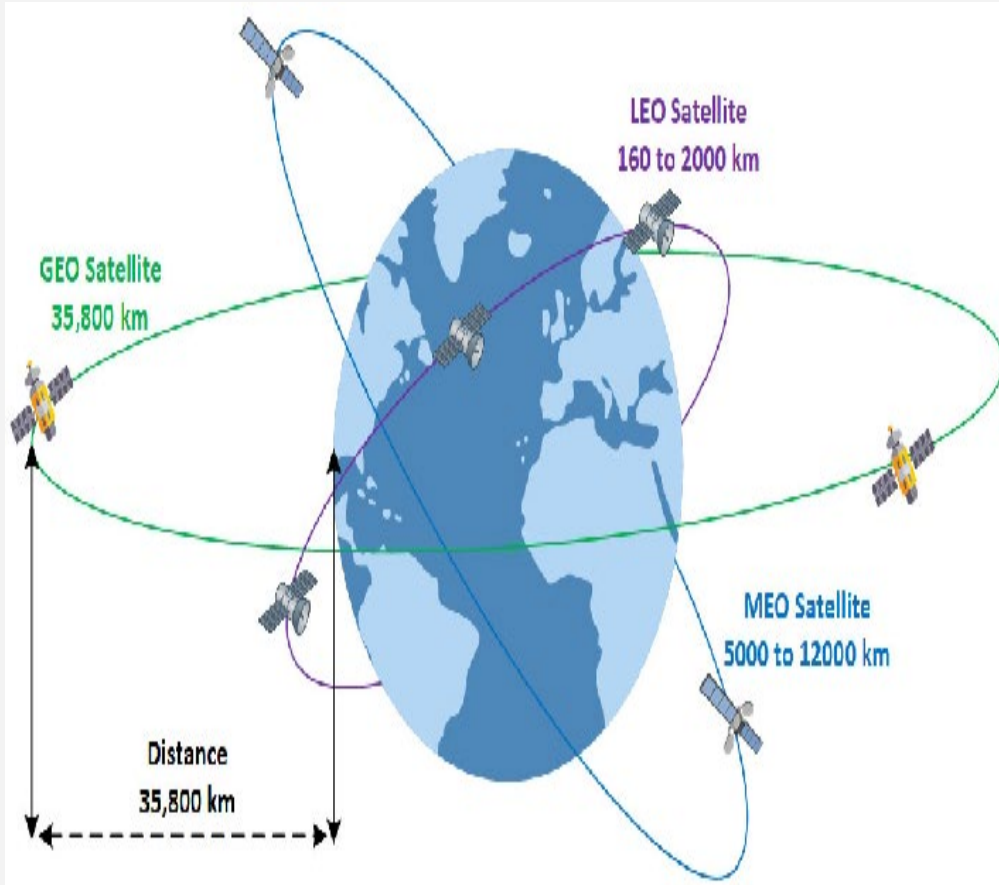
CONNECTDINEH



Build infrastructure for next-gen services and modern offerings in the Nation

- Access to Fiber and High-Speed Data
 - Growth centers
 - Main highways and roads
 - Cultural and touristic places
- 

LEO SATELLITE GOAL

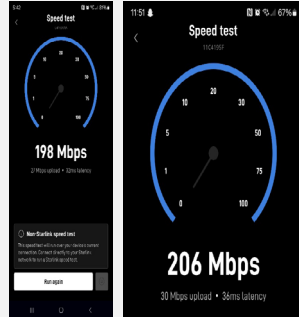


GOAL: Connect 58 chapters using Starlink

ACTION ITEMS:

- Starlink Pilot Project for 6 chapters and 1 senior center
- Funding Secure for NM Side
- UUFB Request in progress for remaining

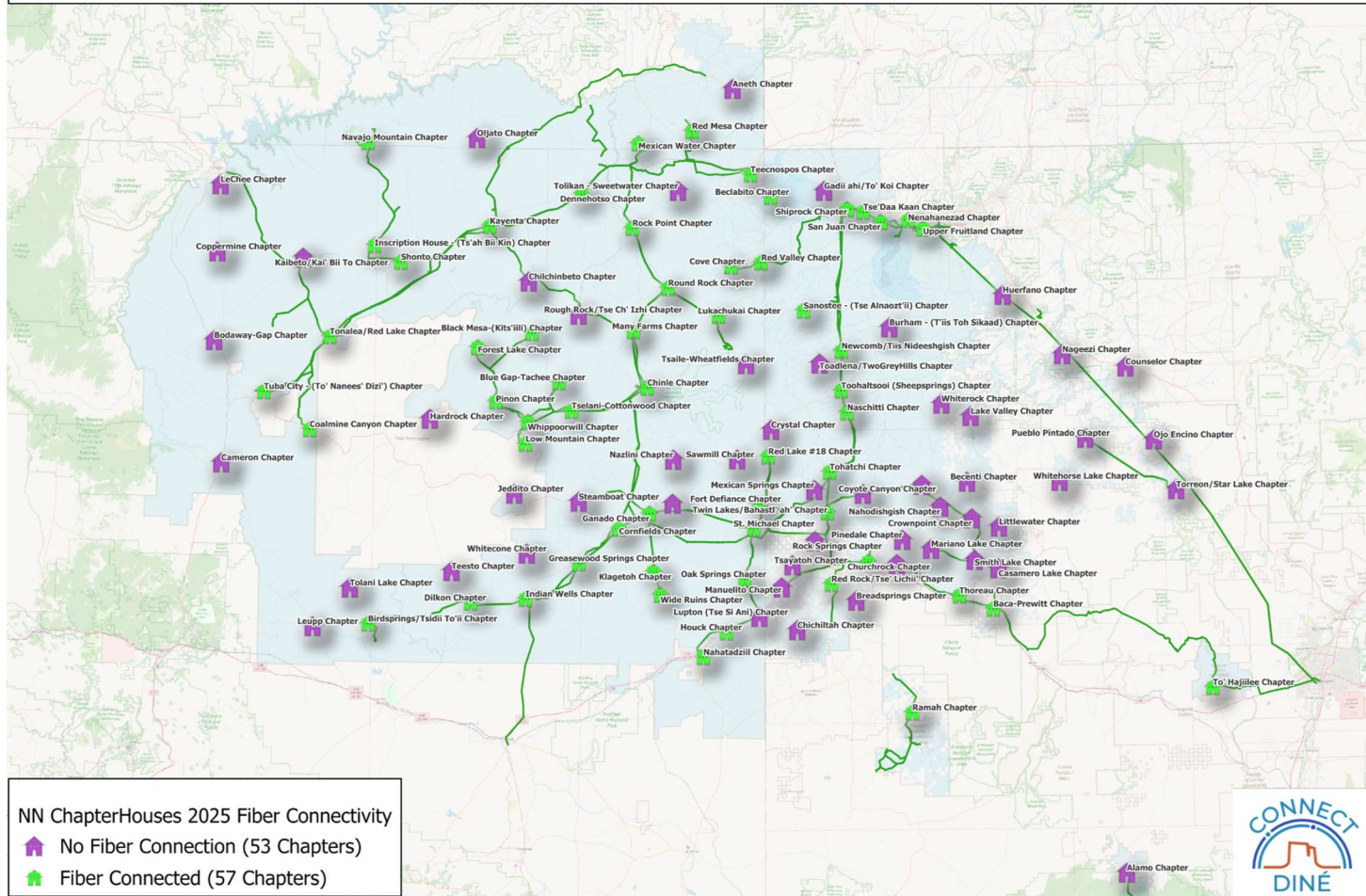
LEO PILOT



Tolani Lake	Casey Allen Johnson
Sweetwater/Tolikan	Curtis Yanito
Coppermine	Helena Nez Begay
Jeddito	Vince James
Ojo Encino Chapter House	George Tolth
Burnham/T'iis Toh Sikaad Chapter House	Rickie Nez

Average Pilot SL		
Contract Speed mbps	Tested Speed mbps	Usage GBytes
40-220	274	165

Navajo Nation - Chapter House 2025 Conectivity Project



NN ChapterHouses 2025 Fiber Connectivity
 🏠 No Fiber Connection (53 Chapters)
 🌿 Fiber Connected (57 Chapters)



Crystal Chapter	Andy Nez
Tohatchi	Nathan Notah
Alamo	Norman M. Begay
Gadii ahi/To'Koi	Amber Kanazbah Crotty
Toadlena/Two Grey Hills	Amber Kanazbah Crotty
Becenti Chapter House	Danny Simpson
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Rock Springs Chapter House	Lester Yazzie
Tsayatoh Chapter House	Lester Yazzie
Coyote Canyon Chapter House	Nathan Notah
Mexican Springs Chapter House	Nathan Notah
Mariano Lake Chapter House	Steven Arviso
Pinedale Chapter House	Steven Arviso
Smith Lake Chapter House	Steven Arviso
Standing Rock Chapter	Danny Simpson

**29 NM chapters identified for
Starlink**

**23 AZ chapters identified for
Starlink**

Ft. Defiance Chapter	Andy Nez
Sawmill	Andy Nez
Lupton (Tse Si Ani) Chapter	Arbin Mitchell
St. Michaels Chapter	Brenda Jesus
Rough Rock/Tse Ch' Izhi Chapter	Carl Slater
Tsaile/Wheatfields Chapter	Carl Slater
Birdsprings Chapter	Casey Allen Johnson
Cameron	Casey Allen Johnson
Leupp Chapter	Casey Allen Johnson
Teesto Chapter	Cherilyn Yazzie
Whitecone	Cherilyn Yazzie
Nazlini Chapter	Crystalyne Curley
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5G to Dineh

Cell service & Internet
to your phone



Cell service & Internet to your phone

GOAL

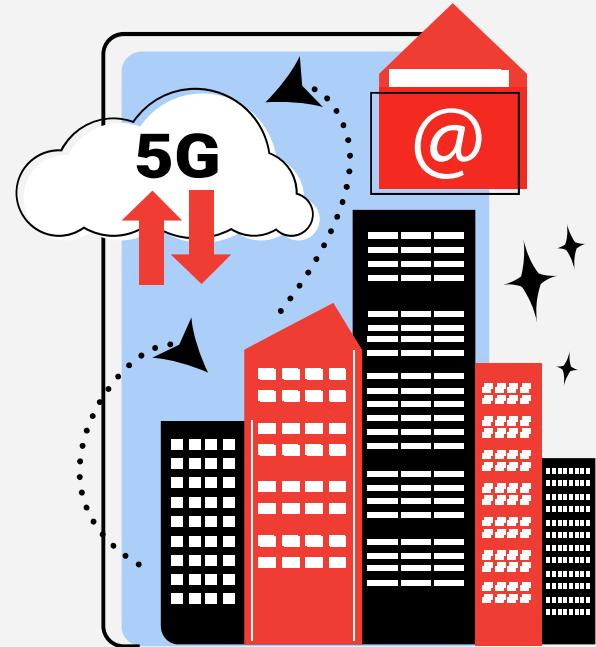
Build infrastructure to Support 5G and BB deployment in areas with no ROI

Action Items

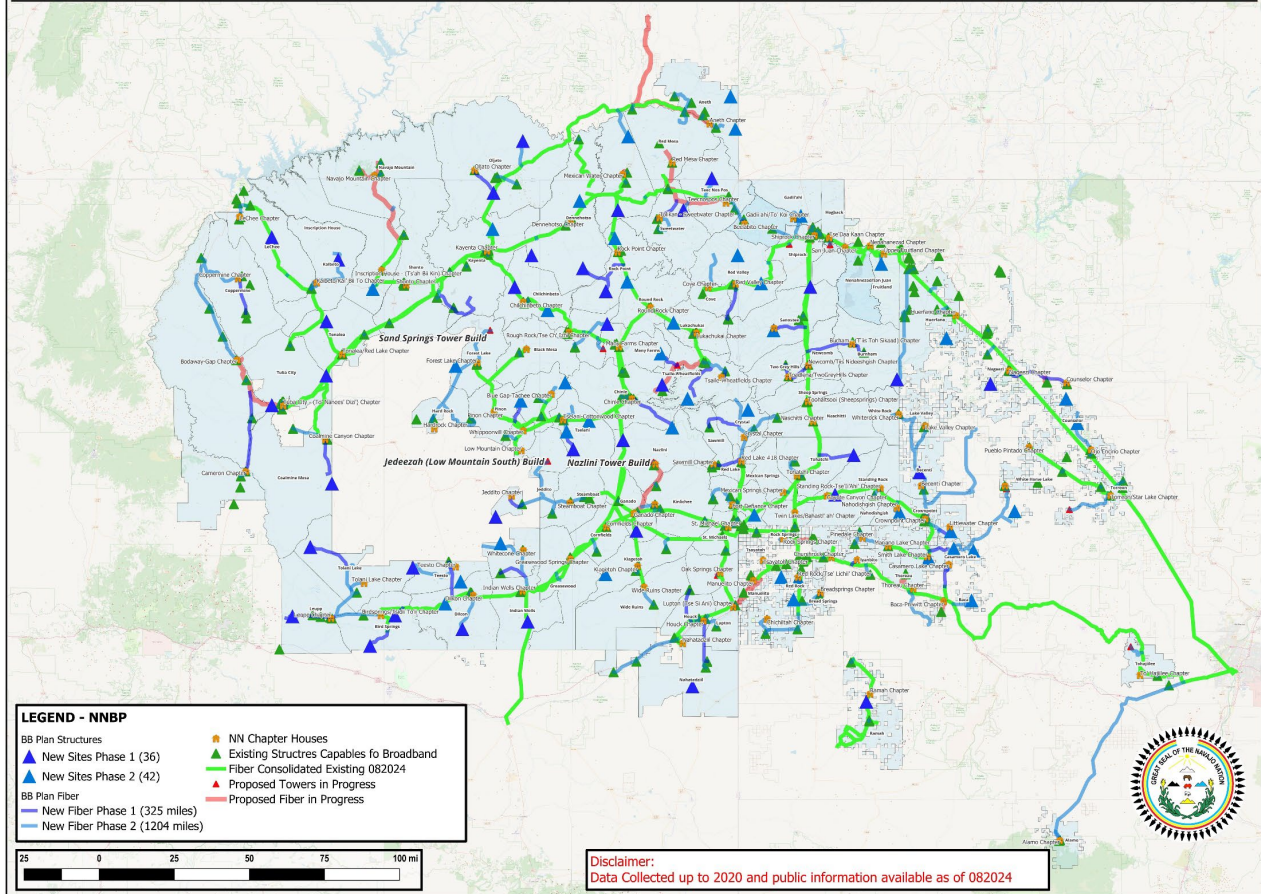
Phase 1 Tower RFP closed
Final Evaluation ongoing and Award Expected in 3 weeks

Main Consideration

Provide a full solution ready for 5G and BEAD



NN DEI - Navajo Nation Telecommunications Infrastructure - Structures and Fiber Current, Proposed and Future



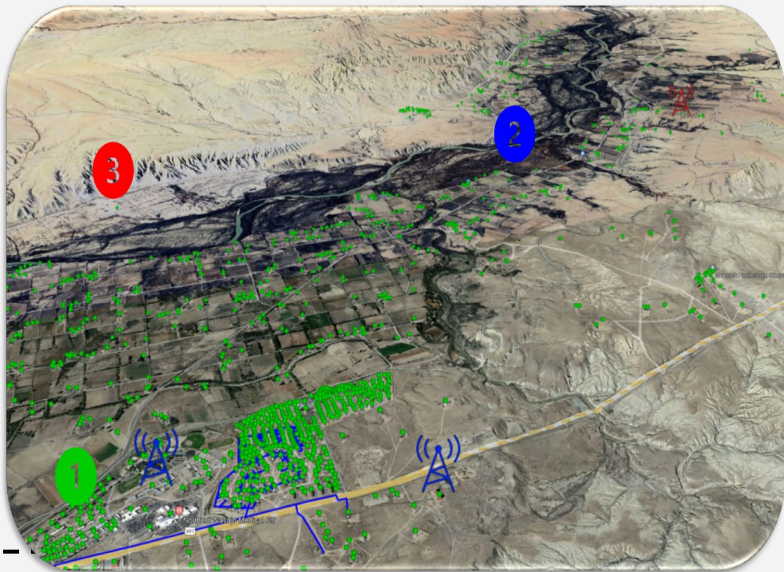
BEAD

Connecting the
Unconnected



Connect the Unconnected

Broadband Equity Access and Deployment Program



GOAL

Navajo Nation to Applied with partners to BEAD Program

Action Items

Prequalification in AZ, NM and UT Completed
Application in Progress

Main Consideration

Setup right partnerships to bring services ASAP to the people



Thanks

Does anyone have any questions ?

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Brian Gilbert bgilbert@americasrf.com