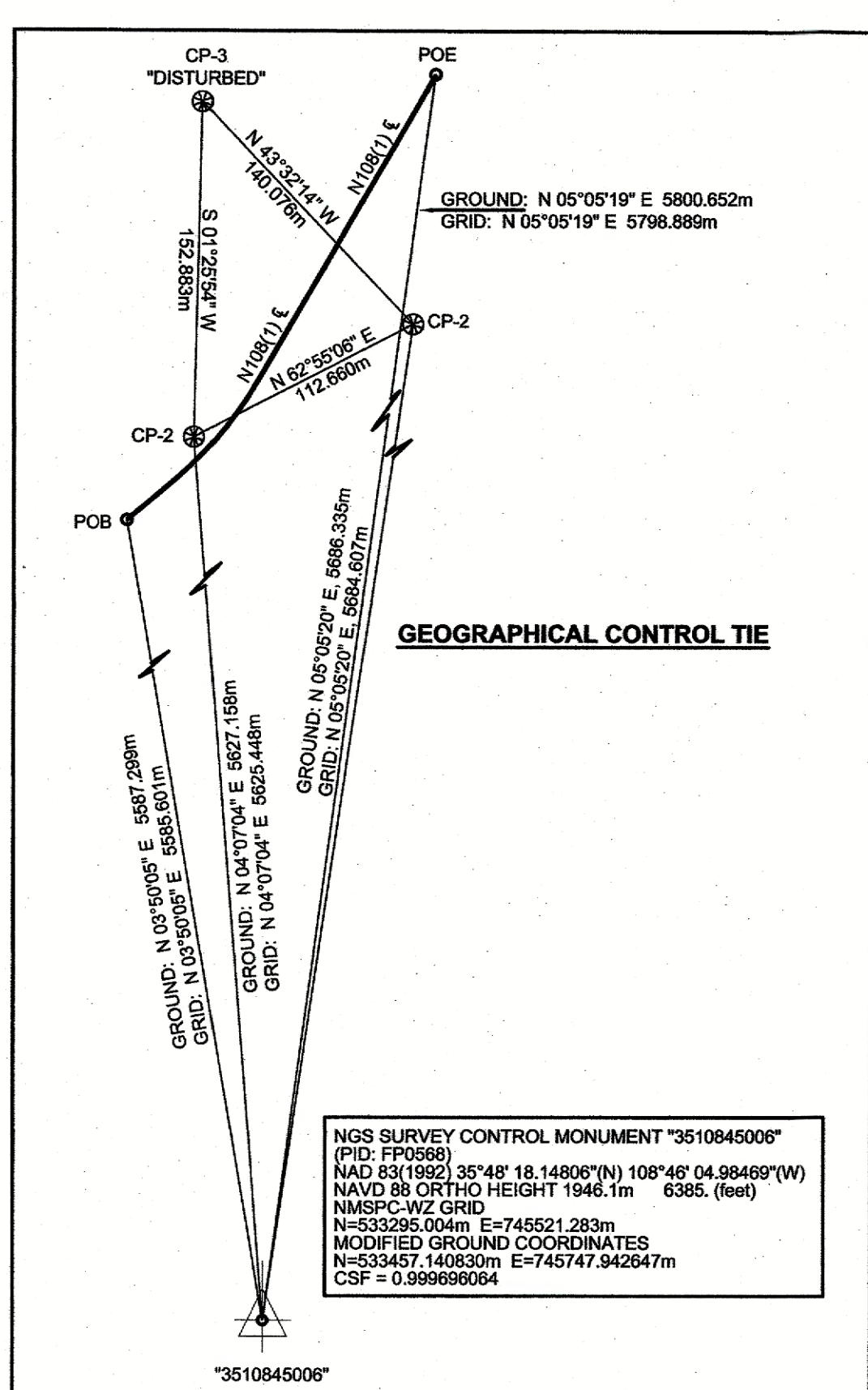
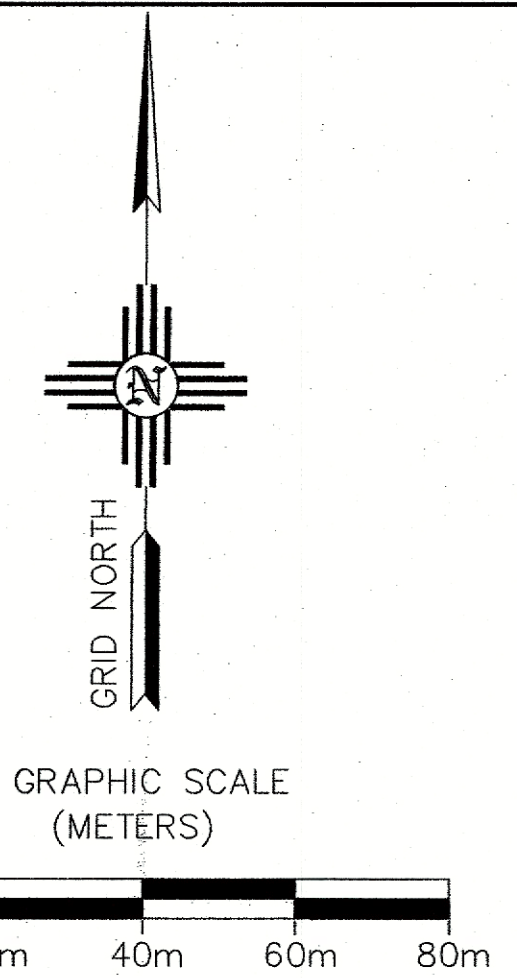


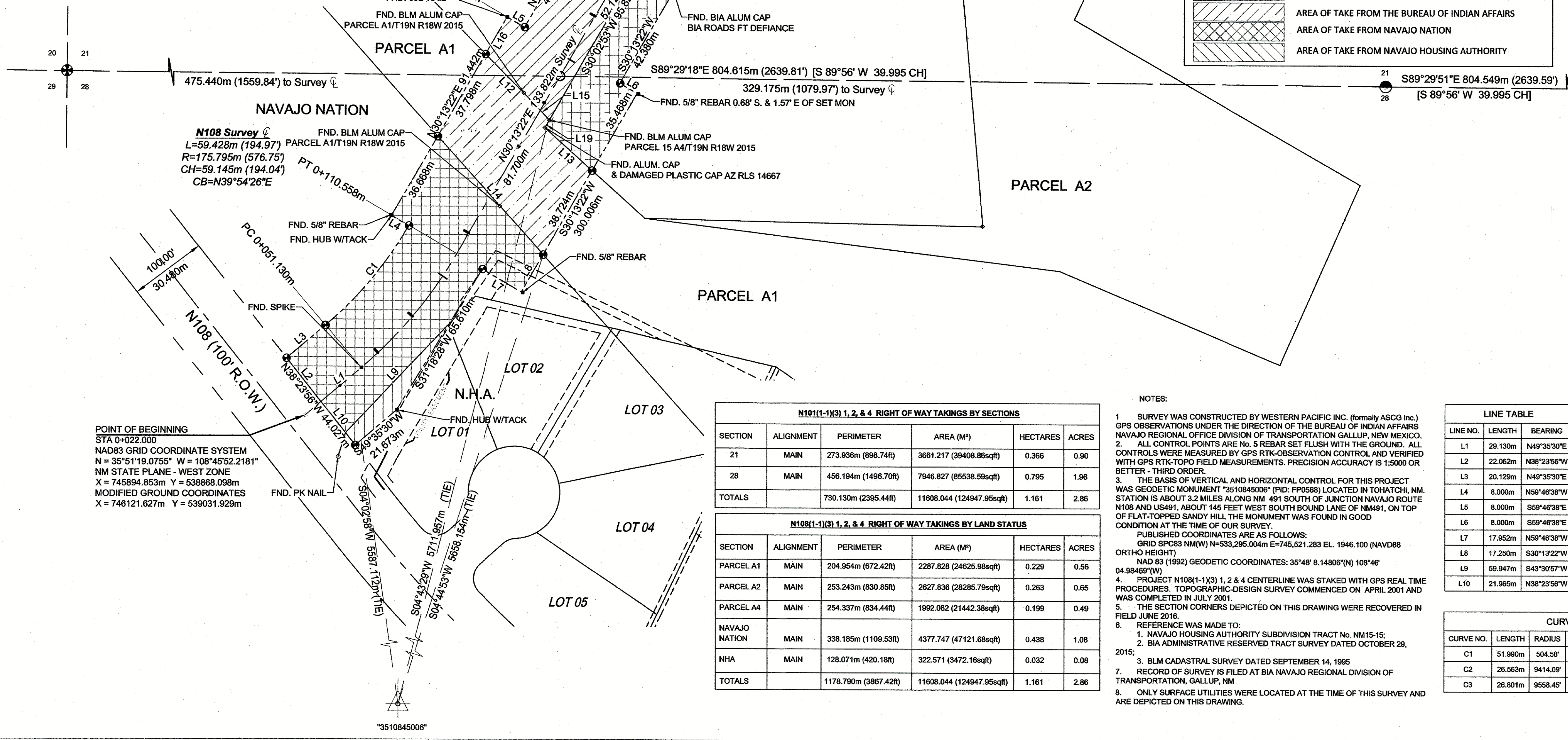
M:\TRA\17-100-090-39\N36481\EXISTING ROW N108(1-1)(3)1,2&4.DWG Jul. 31, 2024 1:19 PM



PLAT OF SURVEY
SHOWING THE RIGHT OF WAY FOR
PROJECT N108(1-1)(3)1,2&4 - TOHATCHI BRIDGE REPLACEMENT
SECTION 21 AND 28, T19N - R18W, NMPM;
ALL WITHIN THE NAVAJO NATION, MCKINLEY COUNTY, NEW MEXICO



LEGEND	
	FOUND ORIGINAL BLM SECTION CORNER MONUMENT (1995)
	FOUND ORIGINAL BLM QUARTER CORNER MONUMENT (1995)
	DENOTES PROJECT CONTROL 5/8" REBAR WITH CAP
	FOUND GEODETIC MONUMENT
	PROJECT ROW MONUMENTS
	FOUND RIGHT OF WAY MONUMENT
	LINE: CENTERLINE - ALIGNMENT
	LINE: RIGHT-OF-WAY LIMITS - VARIOUS WIDTHS
	LINE: SECTION LINE THIS SURVEY
	AREA OF TAKE FROM NAVAJO NATION
	AREA OF TAKE FROM INDIAN HEALTH SERVICE
	AREA OF TAKE FROM THE BUREAU OF INDIAN AFFAIRS
	AREA OF TAKE FROM NAVAJO HOUSING AUTHORITY



N108(1-1)(3) 1, 2, & 4 RIGHT OF WAY TAKINGS BY SECTIONS					
SECTION	ALIGNMENT	PERIMETER	AREA (M ²)	HECTARES	ACRES
21	MAIN	273.936m (898.74ft)	3681.217 (39408.86sqft)	0.366	0.90
28	MAIN	456.194m (1496.70ft)	7946.827 (85538.59sqft)	0.795	1.96
TOTALS		730.130m (2395.44ft)	11608.044 (124947.95sqft)	1.161	2.86

N108(1-1)(3) 1, 2, & 4 RIGHT OF WAY TAKINGS BY LAND STATUS					
SECTION	ALIGNMENT	PERIMETER	AREA (M ²)	HECTARES	ACRES
PARCEL A1	MAIN	204.954m (672.42ft)	2287.828 (24625.98sqft)	0.229	0.56
PARCEL A2	MAIN	253.243m (830.85ft)	2627.836 (28285.79sqft)	0.263	0.65
PARCEL A4	MAIN	254.337m (834.44ft)	1992.062 (21442.38sqft)	0.199	0.49
NAVAJO NATION	MAIN	338.185m (1109.53ft)	4377.747 (47121.68sqft)	0.438	1.08
NHA	MAIN	128.071m (420.18ft)	322.571 (3472.16sqft)	0.032	0.08
TOTALS		1178.790m (3867.42ft)	11608.044 (124947.95sqft)	1.161	2.86

NOTES:
1. SURVEY WAS CONSTRUCTED BY WESTERN PACIFIC INC. (FORMERLY ASCG INC.) GPS OBSERVATIONS UNDER THE DIRECTION OF THE BUREAU OF INDIAN AFFAIRS NAVAJO REGIONAL OFFICE DIVISION OF TRANSPORTATION GALLUP, NEW MEXICO.
2. ALL CONTROL POINTS ARE NO. 5 REBAR SET FLUSH WITH THE GROUND. ALL CONTROLS WERE MEASURED BY GPS RTK-OBSERVATION CONTROL AND VERIFIED WITH GPS RTK-TOPO FIELD MEASUREMENTS. PRECISION ACCURACY IS 1:5000 OR BETTER - THIRD ORDER.
3. THE BASIS OF VERTICAL AND HORIZONTAL CONTROL FOR THIS PROJECT WAS GEODETIC MONUMENT "3510845006" (PID: FP0568) LOCATED IN TOHATCHI, NM. STATION IS ABOUT 3.2 MILES ALONG NM 491 SOUTH OF JUNCTION NAVAJO ROUTE N108 AND US491, ABOUT 145 FEET WEST SOUTH BOUND LANE OF NM491, ON TOP OF FLAT-TOPPED SANDY HILL. THE MONUMENT WAS FOUND IN GOOD CONDITION AT THE TIME OF OUR SURVEY.
PUBLISHED COORDINATES ARE AS FOLLOWS:
GRID SPC83 NM(W) N=533,295.004m E=745,521.283 EL. 1946.10m (NAVD88 ORTHO HEIGHT)
NAD 83 (1982) GEODETIC COORDINATES: 35°48' 8.14806"(N) 108°46' 04.98469"(W)
4. PROJECT N108(1-1)(3) 1, 2 & 4 CENTERLINE WAS STAKED WITH GPS REAL TIME PROCEDURES. TOPOGRAPHIC-DESIGN SURVEY COMMENCED ON APRIL 2001 AND WAS COMPLETED IN JULY 2001.
5. THE SECTION CORNERS DEPICTED ON THIS DRAWING WERE RECOVERED IN FIELD JUNE 2016.
6. REFERENCE WAS MADE TO:
1. NAVAJO HOUSING AUTHORITY SUBDIVISION TRACT NO. NM15-15;
2. BIA ADMINISTRATIVE RESERVED TRACT SURVEY DATED OCTOBER 28, 2015;
3. BLM CADASTRAL SURVEY DATED SEPTEMBER 14, 1965
7. RECORD OF SURVEY IS FILED AT BIA NAVAJO REGIONAL DIVISION OF TRANSPORTATION, GALLUP, NM
8. ONLY SURFACE UTILITIES WERE LOCATED AT THE TIME OF THIS SURVEY AND ARE DEPICTED ON THIS DRAWING.

LINE TABLE		
LINE NO.	LENGTH	BEARING
L1	29.130m	N49°35'30"E
L2	22.062m	N38°23'56"W
L3	20.129m	N49°35'30"E
L4	8.000m	S59°46'38"W
L5	8.000m	S59°46'38"E
L6	8.000m	S59°46'38"E
L7	17.952m	N59°46'38"W
L8	17.250m	S30°13'22"W
L9	59.947m	S43°30'57"W
L10	21.965m	N38°23'56"W

CURVE TABLE		
CURVE NO.	LENGTH	RADIUS
C1	51.990m	504.58'
C2	26.563m	9414.09'
C3	28.801m	9558.45'

STATE	PROJECT	SHEET NUMBER
NM	N108	01

NAVAJO DIVISION OF TRANSPORTATION
NAVAJO INDIAN LANDS
RIGHT-OF-WAY PLAT MAP

ROUTE No. N108 PROJECT N108(1-1)(3) 1, 2, & 4 LENGTH 0.249 KILOMETERS 0.40 miles
22.000 (with various widths) meters left and 22.000 (with various widths) meters right of ℓ road.
Containing 1.161 Hectares ± (2.86 Acres ±)

STATE OF New Mexico
COUNTY OF McKinley

Tom Platero, Division Director Navajo Division of Transportation, as the applicant herein for the right-of-way for the construction of Navajo Division of Transportation Road Project No. N108(1-1)(3) 1, 2, & 4 over and across Indian lands, County of McKinley, certifies that the survey is accurately represented on this map. Project termini and length are as shown hereon.

By Emma Velasquez
Division Director
Navajo Division of Transportation
STATE OF NEW MEXICO
NOTARY PUBLIC
EMMA VELASQUEZ
Commission #: 1054920
Expiration Date: 12/15/2026

Sworn and subscribed to me on this 2 day of June, 2024.

Notary Public in and for the
County of McKinley
My commission expires Dec 15 2026

SURVEYOR'S CERTIFICATE:

I, BENJAMIN M. ARAGON, NEW MEXICO PROFESSIONAL SURVEYOR No. 15268, DO HEREBY CERTIFY THAT THIS SURVEY WAS PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION; THAT I AM RESPONSIBLE FOR THIS SURVEY; THAT THIS SURVEY MEETS THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO, AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

Benjamin M. Aragon 12/10/25
BENJAMIN M. ARAGON, N.M.P.S. 15268 DATE

4401 Moshed Street NE, Suite 150
Albuquerque, New Mexico 87109
PH (505) 348-4000
FAX (505) 348-4055
www.wilsonco.com

15268
12/10/25
NEW MEXICO
NOTARY PUBLIC
BENJAMIN M. ARAGON

REVISION		BY	DATE

NAVAJO DIVISION OF TRANSPORTATION

NAVAJO ROUTE N108

RIGHT OF WAY MAP

PROJECT MANAGER:	DATE:	DRAWING	SHEET
LEAD DESIGNER:	DATE:	LAYOUT1	1 OF 1
ASBUILT BY:	DATE:		
SCALE: 1:40			

17-100-090-39