

NAVAJO DIVISION OF TRANSPORTATION

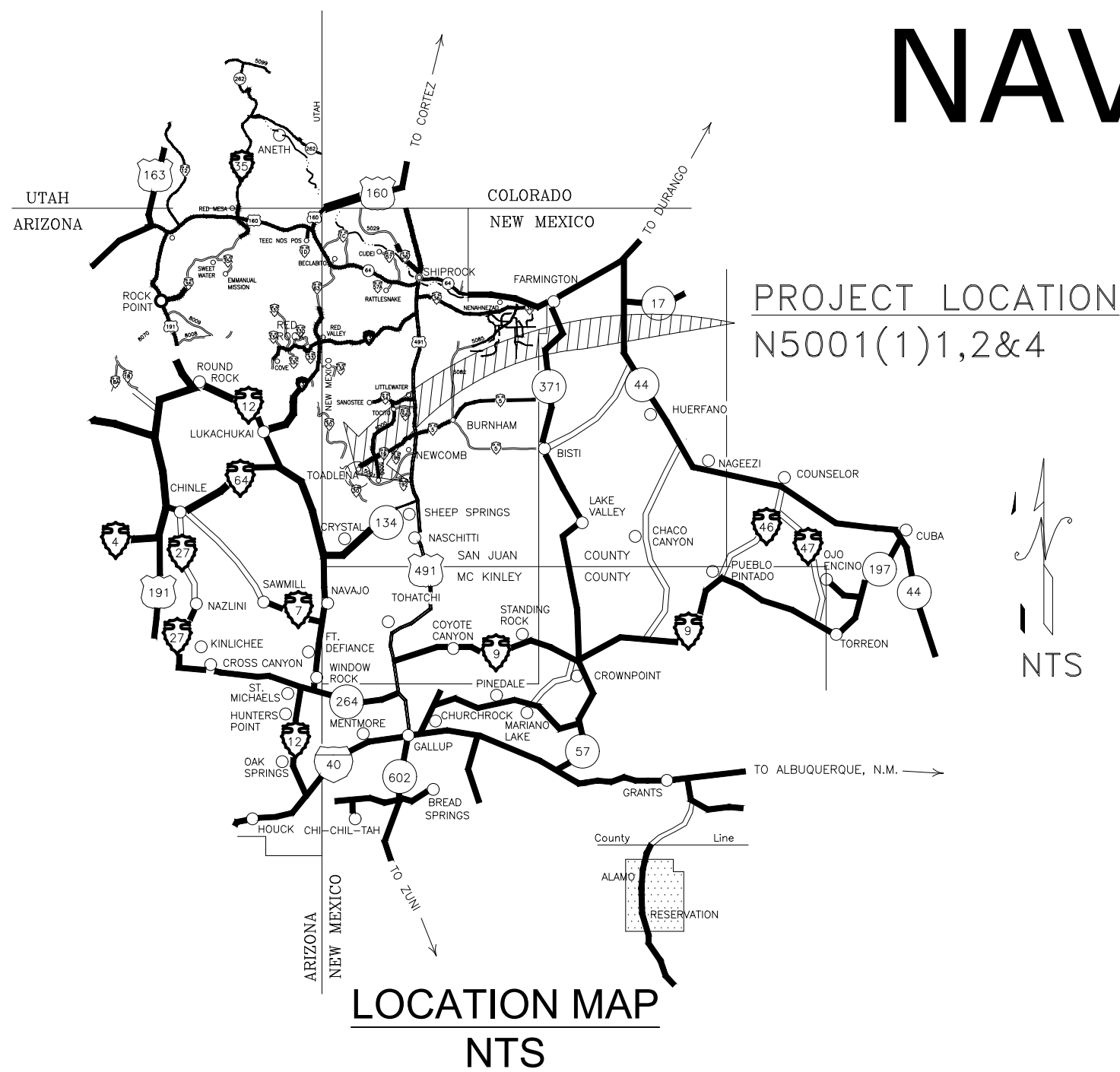
PLANS FOR PROPOSED

N5001(1)1,2&4

TOADLENA TO TWO GREY HILLS

I.D. N3242100
SAN JUAN COUNTY
LENGTH 4.481 km

CROSS SECTIONS
FOR INFORMATION ONLY



RIGHT-OF-WAY TABLE			
BEGIN STATION	END STATION	RIGHT	LEFT
0+039.000	0+190.000	15.00	
0+190.000	0+240.000	8.30	
0+240.000	0+501.100	15.00	
0+039.778	0+560.000		15.00
0+501.100	0+606.000	10.00	
0+560.000	0+629.490		12.00
0+606.000	1+224.830	15.00	
0+629.490	0+714.736		20.00
0+714.736	1+564.487		15.00
1+224.830	1+830.000	20.00	
1+564.487	2+126.220		20.00
1+830.000	5+156.386	15.00	
2+126.220	4+150.000		15.00
4+150.000	4+400.000		17.00
4+400.000	5+614.800		15.00
5+156.386	5+624.800	30.00	
5+614.800	5+684.800		30.00
5+624.800	5+860.000	15.00	
5+860.000	6+620.000	20.00	
5+684.800	6+340.000		15.00
6+620.000	7+113.000	15.00	
6+340.000	6+350.000		20.00
6+350.000	6+570.000		15.00
6+570.000	6+580.000		20.00
6+580.000	7+113.000		15.00
7+113.000	7+200.000	35.00	
7+200.000	7+742.136		15.00
7+200.000	7+305.000	15.00	
7+305.000	7+315.000	20.00	
7+315.000	7+742.136	15.00	
7+742.136	7+818.730	22.86	
7+739.110	7+928.930		40.00
7+818.730	7+978.730	90.00	
7+928.930	9+010.000		15.00
7+978.730	9+010.000	15.00	
9+010.000	9+050.000	25.00	25.00
9+050.000	9+375.000	15.00	15.00
9+375.000	9+445.000	20.00	20.00
9+445.000	9+570.000	15.00	15.00
9+570.000	9+600.000	25.00	25.00
9+600.000	9+900.000	15.00	
9+600.000	10+407.000		15.00
9+900.000	10+260.000	20.00	
10+407.000	10+417.000		20.00
10+417.000	10+578.730		15.00
10+260.000	10+578.730	15.00	

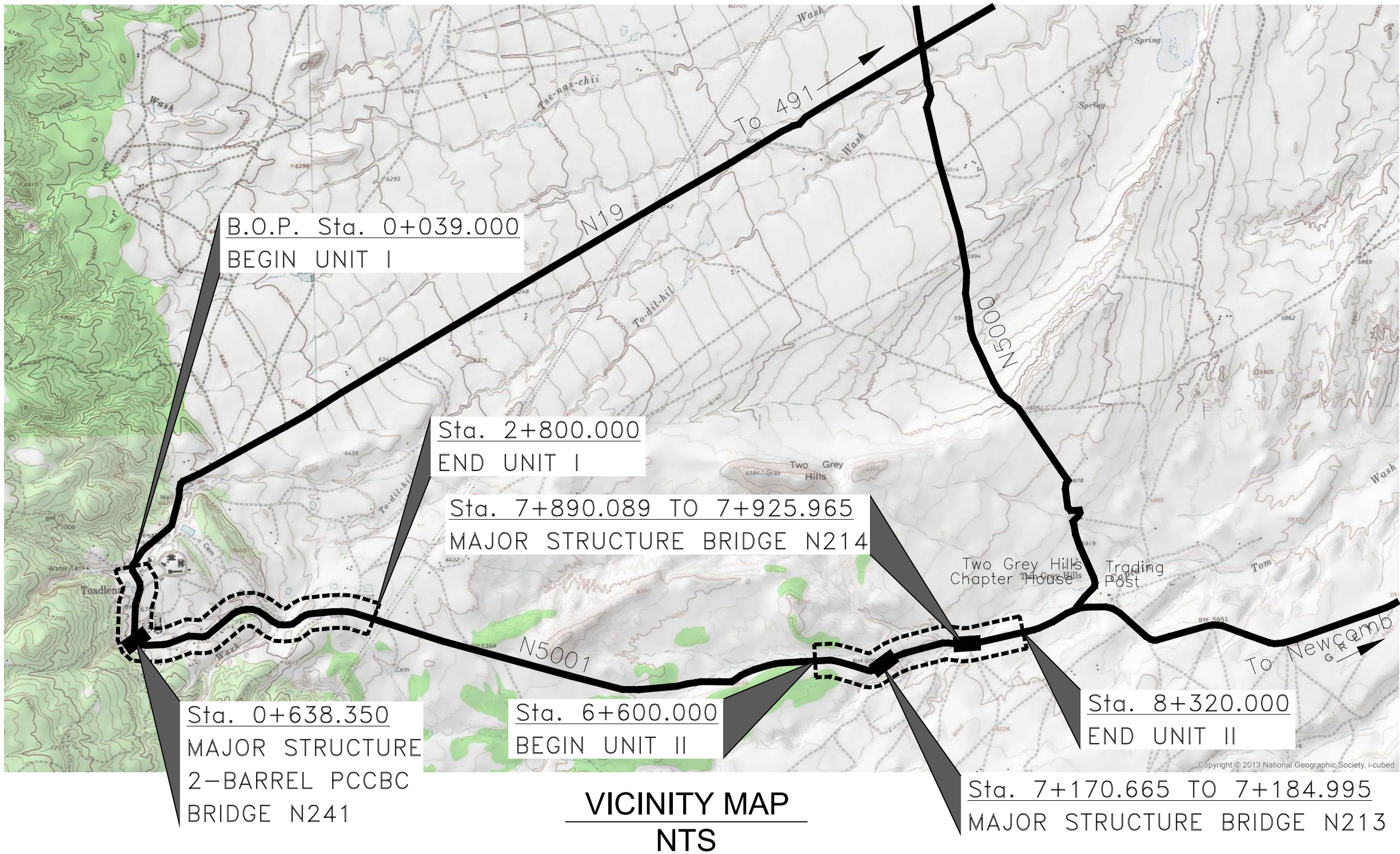
LENGTH OF PROJECT			
STATION TO STATION		Meters	Km
UNIT I			
B.O.P. STA.	0+039.000	2,761.000	2.7610
END UNIT I	2+800.000		
UNIT II			
BEGIN UNIT II	6+600.000	1,720.000	1.7200
END UNIT II	8+320.000		
TOTAL:		4,481.000	4.481

DESIGN DATA	
Sta. 0+039.778 To Sta. 2+130.000	
DESIGN SPEED	50 km/h
MAXIMUM RADIUS OF CURVE	79 m
MAXIMUM GRADIENT	10 %
MINIMUM STOPPING SIGHT DISTANCE	65 m
MINIMUM PASSING SIGHT DISTANCE	160 m
AVERAGE DAILY TRAFFIC (2018)	212 vpd
ESTIMATED ADT (2038)	315 vpd
MAXIMUM SUPER ELEV. (e max.)	6 %
DESIGN HOURLY VOLUME (DHV)	38 vph
Sta. 2+130.000 To Sta. 10+600.000	
DESIGN SPEED	80 km/h
MAXIMUM RADIUS OF CURVE	252 m
MAXIMUM GRADIENT	8 %
MINIMUM STOPPING SIGHT DISTANCE	130 m
MINIMUM PASSING SIGHT DISTANCE	245 m
AVERAGE DAILY TRAFFIC (2018)	212 vpd
ESTIMATED ADT (2038)	315 vpd
MAXIMUM SUPER ELEV. (e max.)	6 %
DESIGN HOURLY VOLUME (DHV)	38 vph

METRIC DIMENSIONS:
SLOPES ARE EXPRESSED AS RISE:RUN

SPECIFICATIONS:
"STANDARD SPECIFICATIONS FOR
CONSTRUCTION OF ROADS
AND BRIDGES ON FEDERAL HIGHWAY
PROJECTS, FP-14"

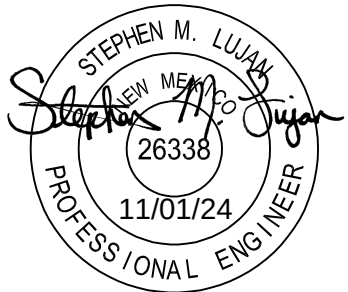
TYPE OF CONSTRUCTION:
GRADE & DRAINAGE, PLACEMENT OF UNTREATED AGGREGATE BASE
COURSE AND DOUBLE CHIP SEAL PAVEMENT, DRAINAGE STRUCTURES,
PCCBC, TWO (2) BRIDGES AND MISCELLANEOUS CONSTRUCTION



PLANS PREPARED BY:

WILSON & COMPANY, INC.

4401 MASTHEAD ST. NE SUITE 150
ALBUQUERQUE, NM 87109



PROJECT MANAGER	LEAD DESIGNER
SML	SML

N5001(1)1,2&4 Toadlena to Two Grey Hills

