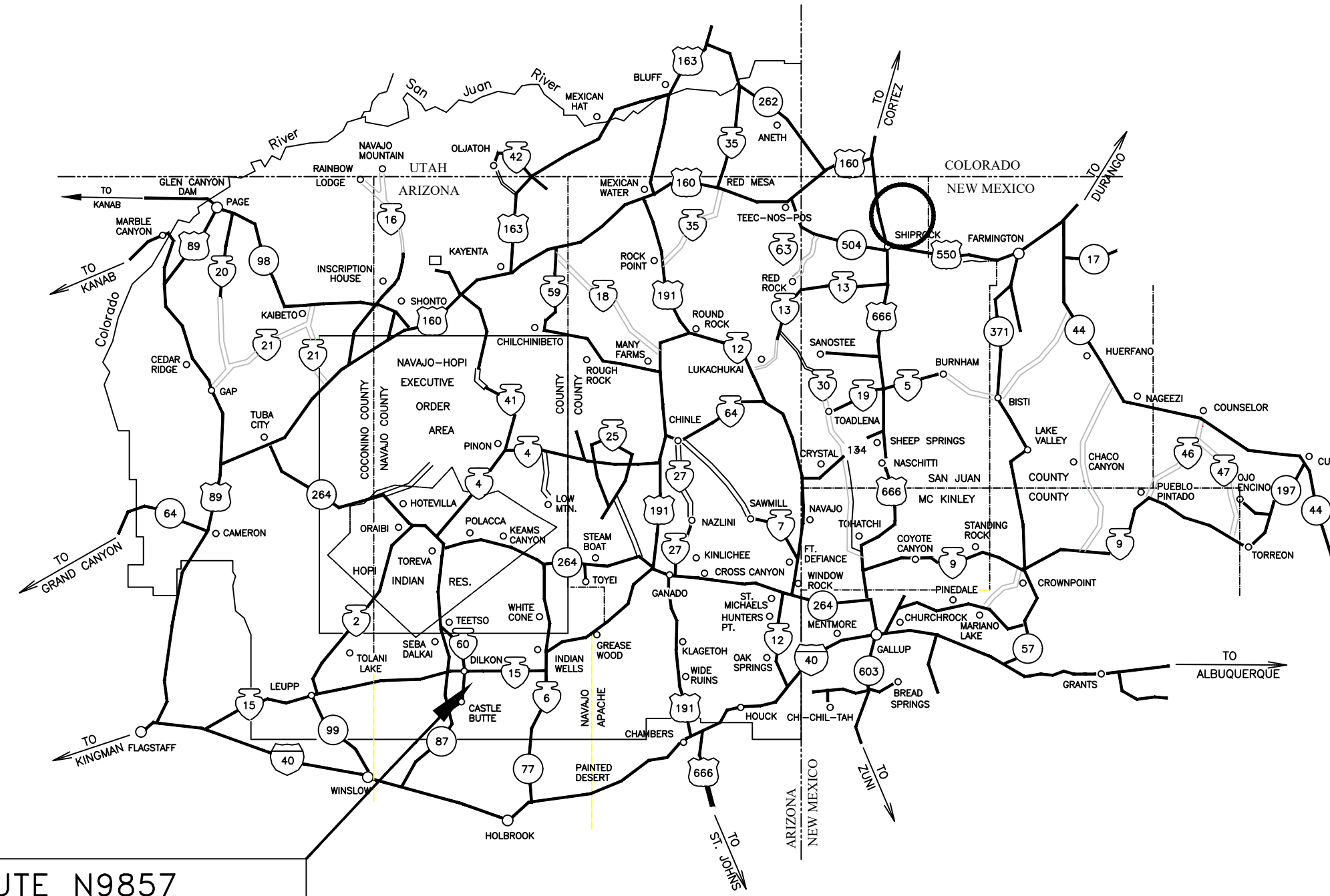


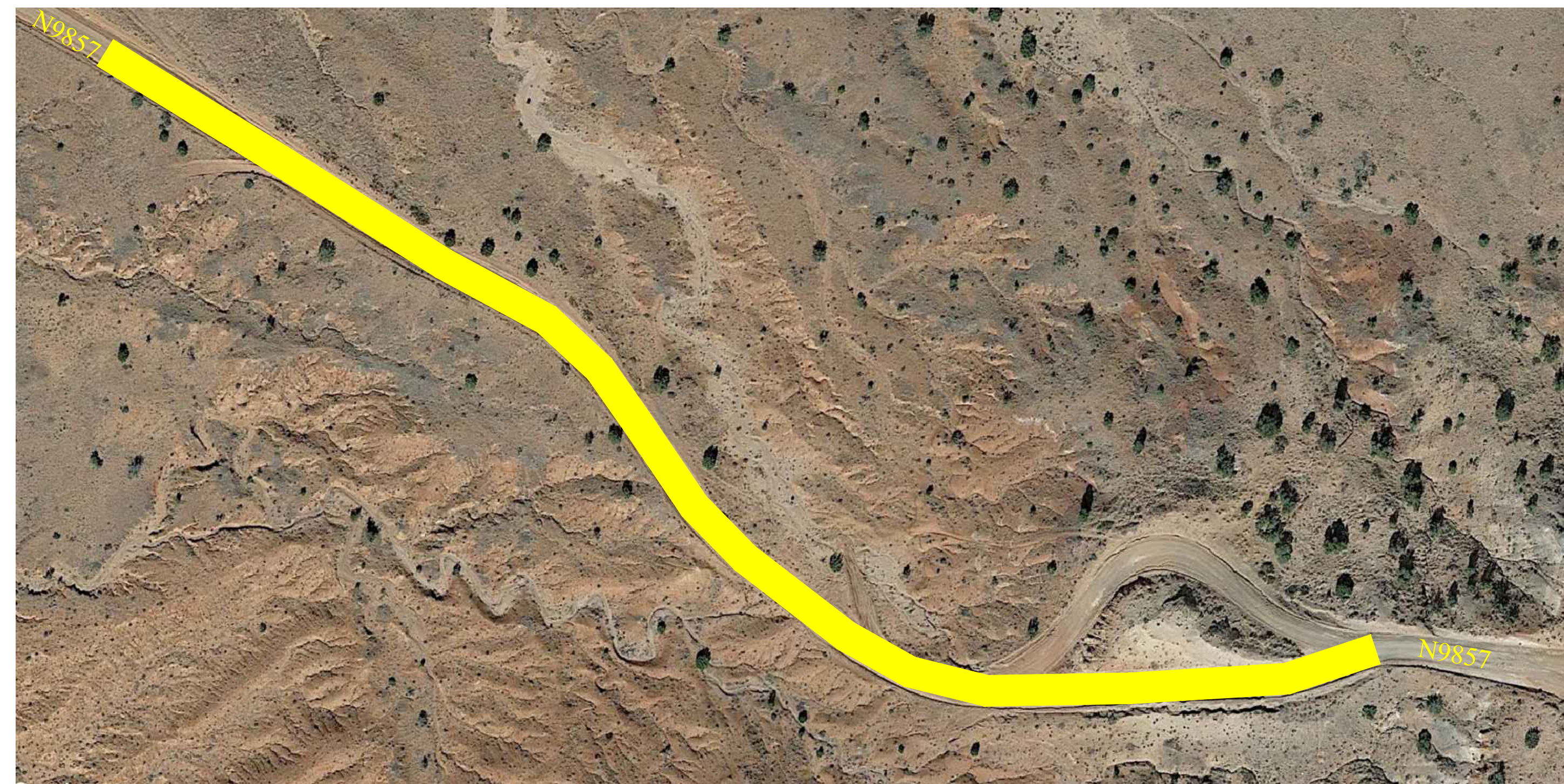
Dilkon N9857 Road Improvements Dilkon, Navajo County, Arizona 2018 FET Funded Project



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ROUTE N9857
PROJECT LOCATION



LEGEND

STATE LINE	_____
RESERVATION LINE	_____
COUNTY LINE	_____
TOWNSHIP or RANGE LINE	_____
SECTION LINE	_____
HIGHWAY RIGHT-OF-WAY LINE	_____
UNFENCED PROPERTY	_____
SECTION CORNER AND 1/4 CORNER	_____
POWER LINE AND POLES	_____
TELEPHONE LINE AND POLES	_____
GUY WIRE OR ANCHOR	_____
TRAFFIC SIGN	_____
DELINEATORS	_____
BARBED WIRE FENCE	_____
CHAIN LINK FENCE	_____
CATTLE GUARD	_____
CULVERTS	_____
CONCRETE BOX CULVERTS	_____
GROUND LINE - EARTH	_____
GROUND LINE - ROCK	_____
EXISTING ROAD	_____
SIDE ROAD TURNOUT	_____
TREES and SHRUBS	_____
CHANNEL or DITCH	_____
DIKE or DITCH BLOCK	_____
RIP-RAP	_____
RAILROAD TRACK	_____
GAS LINE	_____
DWELLING	_____
RIGHT-OF-WAY MONUMENT	_____

NAVAJO DIVISION OF TRANSPORTATION
P.O. BOX 4620 WINDOW ROCK, AZ 86515

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Dilkon N9857 Road Improvements Dilkon, Navajo County, Arizona GENERAL NOTES

GENERAL NOTES:

1. ALL WORKMANSHIP AND MATERIALS SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR CONSTRUCTION OF ROADS AND BRIDGES ON FEDERAL HIGHWAY PROJECTS, FP-14.
2. ALL PERMANENT AND TEMPORARY ROADSIDE SIGNS AND PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) FOR STREETS AND HIGHWAYS" (CURRENT EDITION) AND IN ACCORDANCE WITH THE DETAILS ON THESE PLANS. PLACEMENT OF "STOP" BAR, PERMANENT TRAFFIC SIGNS AND PAVEMENT MARKINGS SHALL BE FIELD ADJUSTED AS DIRECTED BY THE CONTRACTING OFFICIAL(CO), AT NO ADDITIONAL COST TO THE NAVAJO DIVISION OF TRANSPORTATION.
3. THE CONTRACTOR WILL KEEP EXISTING PROPERTIES/RESIDENCES AND INTERSECTING ROADS ACCESSIBLE AT ALL TIMES CONTRACTOR WILL ALSO HAVE TO PLACE SIGNS AT ALL DRIVEWAYS AND TURNOUTS, FOLLOWING APPROVED TRAFFIC CONTROL PLAN.
4. THE CONTRACTOR IS RESPONSIBLE FOR PREPARING AND SUBMITTING A TRAFFIC CONTROL PLAN IN ACCORDANCE WITH THESE DETAILS, TAKING INTO ACCOUNT THE CONTRACTOR'S CONSTRUCTION SEQUENCING PLAN, MUTCD AND THE SUPPLEMENTAL SPECIFICATIONS FOR SECTION 635 - TEMPORARY TRAFFIC CONTROL. THE CONTRACTOR SHALL ALSO SUBMIT A COPY OF THE TRAFFIC CONTROL PLAN TO THE NAVAJO DIVISION OF TRANSPORTATION (2) - WEEKS PRIOR TO START OF CONSTRUCTION.
5. THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY AND EXPENSE FOR DISPOSAL AND/OR CONSTRUCTION DEBRIS IN ACCORDANCE WITH SECTIONS 107 AND 203 OF THE FP-14 AS WELL AS ANY AND ALL PERMIT REQUIREMENTS. THIS WORK SHALL BE INCIDENTAL OBLIGATIONS OF THE CONTRACTOR.
6. THE CONTRACTOR IS HEREBY NOTIFIED THAT UNDER NO CIRCUMSTANCES SHALL ANY DRAINAGE STRUCTURE(S) BE INSTALLED BELOW THE NATURAL FLOW LINE OF THE WASH, CHANNEL, ARROYO OR DITCH LINE.
7. NO WORK SHALL BE PERFORMED OR GROUND DISTURBED OUTSIDE THE DESIGNATED CONSTRUCTION LIMITS WITHOUT WRITTEN APPROVAL BY THE NDOT MANAGER UNLESS OTHERWISE SHOWN AND LABELED ON THESE PLANS AS "CONSTRUCTION ZONE". IN NO CASE SHALL ANY WORK BE PERFORMED OUTSIDE THE DESIGNATED RIGHTS-OF-WAY LIMITS WITHOUT WRITTEN APPROVAL FROM THE NDOT DIVISION MANAGER, UNLESS OTHERWISE SHOWN AND CALLED OUT ON THESE PLANS AS "CONSTRUCTION ZONE". THE CONSTRUCTION LIMIT IS THE CATCH POINT EARTHWORK LIMIT PLUS 9 FEET, NOT TO EXCEED THE RIGHT OF WAY LIMITS.
8. THE CONTRACTOR SHALL REMOVE, CLEAN, AND STOCKPILE ALL SALVAGEABLE EXISTING CULVERTS, GUARDRAIL, CATTLE GUARDS, FENCING MATERIALS, ETC., AS CALLED FOR ON THESE PLANS.
9. THE COST FOR YARD/STORAGE SITE, THE CONTRACTOR IS NOTIFIED THAT ONE AREA HAS BEEN DESIGNATED TO STORE ALL EQUIPMENT AND MATERIALS USED ON THE PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR SECURING THE SITE, CLEARING AND GRUBBING AND REVEGETATION UPON COMPLETION OF THE PROJECT. COST FOR YARD/STORAGE SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND THE CONTRACTOR SHALL NOT RECEIVE ADDITIONAL COMPENSATION FOR THESE COSTS. THE CONTRACTOR SHALL CONTACT THE CO TO VERIFY THE LIMITS OF THE SITE IN THE FIELD. REQUIREMENTS AND PAYMENT FOR THE STORAGE ARE DESCRIBED IN THE RENTAL RESOURCE AGREEMENT, INCLUDED WITH THE PROJECT SPECIFICATIONS.
10. THE CONTRACTOR SHALL BE REQUIRED TO REPAIR ALL DENTED, BENT OR OTHERWISE DAMAGED PIPE EDGES FOR THE SECTION AS CALLED FOR REPAIR WORK. THIS WORK SHALL MEET THE APPROVAL OF THE CO, AND IS EXPECTED TO INCLUDE STRAIGHTENING OF DENTED/BENT CULVERT EDGES, WELDING OF CUTS/TEARS IN THE EXISTING CULVERTS, TRIMMING BACK THE EXISTING CULVERT TO CREATE AN END SUITABLE FOR AN EXTENSION COLLAR, ETC. NO SEPARATE PAYMENT FOR THIS WORK WILL BE MADE.
11. THE ROADWAY TYPICAL SECTION SHOWN IS A BASIC TEMPLATE TO WHICH THE PROJECT IS TO BE STAKED AND BUILT HOWEVER, THERE WILL BE LOCATIONS WHERE, DUE TO EXISTING GROUND SCHEDULE CONDITIONS, TURNOUTS, CULVERTS OR OTHER STRUCTURES, ETC. THE SHOWN TYPICAL SLOPES CANNOT BE CONSTRUCTED. IN THIS CASE, THE NDOT DIVISION MANAGER, THROUGH THE CO, SHALL BE CONSULTED FOR CHANGES IN THE TYPICAL SECTIONS, DESIGN SLOPES, AND/OR OTHER ADJUSTMENTS BEFORE PROCEEDING WITH THE WORK UNLESS NOTED OTHERWISE ON THE PLANS.
12. ALL CONSTRUCTION ACTIVITIES & WORKERS SHALL STAY WITHIN THE RIGHT-OF-WAY AT ALL TIMES.
13. ROADWAY SHALL BE OPENED TO FULL TWO WAY TRAFFIC AT THE END OF WORK DAY AND WEEKENDS. SEE TRAFFIC CONTROL SHEETS FOR ADDITIONAL REQUIREMENTS.
14. THE FOLLOWING SHALL BE SUBMITTED AND APPROVED BY THE NDOT AND BIA, PRIOR TO ISSUANCE OF NTP: A QUALITY CONTROL PLAN, B. TRAFFIC CONTROL PLAN, C. SAFETY PLAN & D. CONSTRUCTION SCHEDULE.
15. PROTECTION OF SURVEY CONTROL & MONUMENTS: CONTRACTOR SHALL REPLACE IF DAMAGED OR REMOVED. NO ADDITIONAL COMPENSATION SHALL BE MADE.

NAVAJO DIVISION OF TRANSPORTATION

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Dilkon N9857 Road Improvements
Dilkon, Navajo County, Arizona
QUANTITIES

SUMMARY OF QUANTITIES			
FP-14 SPEC	ITEM DESCRIPTION	UNIT	QUANTITY
SECT. 151	MOBILIZATION	LUMP SUM	1
SECT. 152	CONSTRUCTION STAKING	LUMP SUM	1
SECT. 154	CONSTRUCTOR TESTING	LUMP SUM	1
SECT. 635	TEMPORARY TRAFFIC CONTROL	LUMP SUM	1
SECT. 704	EXCAVATION - HILL (KNOLL) FOR ROAD SUBGRADE SOILS	CY	7,930
SECT. 303	SUBGRADE PREPARATION: GRADING & SHAPING ROAD PRISM W/ SIDE DITCHES	SY	2,300

NOTE:

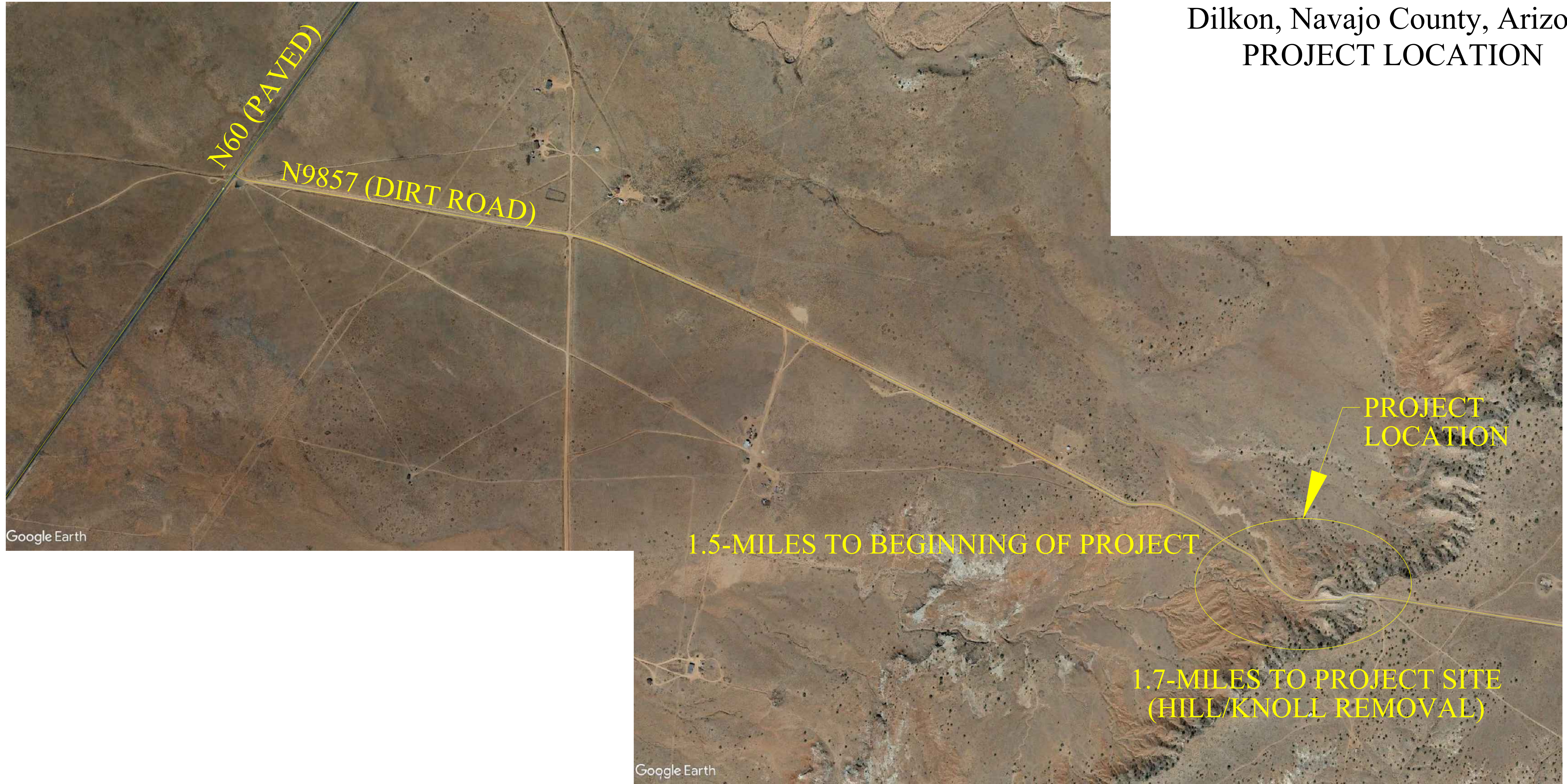
NAVAJO COUNTY WILL PROVIDE TO THE CONTRACTOR(S) TO OBTAIN WATER FROM NAVAJO COUNTY'S WELL IN WINSLOW, ARIZONA, FOR THIS SPECIFIC PROJECT, AT NO COST OTHER THAN PAYING FOR THE WATER PERMIT TO IMPORT WATER AND HAULING TO PROJECT SITE. THE COST OF THE WATER PERMIT IS PAID TO THE NAVAJO WATER CODE DEPARTMENT. IT IS APPROXIMATELY 33 MILES FROM WINSLOW TO THE PROJECT SITE.

AGGREGATE BASE COURSE (ABC) LAYDOWN TO BE COMPLETED AT LATER DATE. NOT A PART OF THIS CONTRACT.

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Dilkon N9857 Road Improvements
Dilkon, Navajo County, Arizona
PROJECT LOCATION



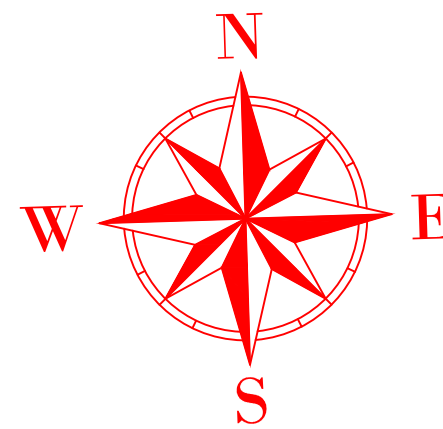
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Dilkon N9857 Road Improvements Dilkon, Navajo County, Arizona SURVEY CONTROL POINTS

Survey Control Point 997

N: 715814.32
X: 1709434.24
ELEV. 5870.16



Survey Control Point 1510

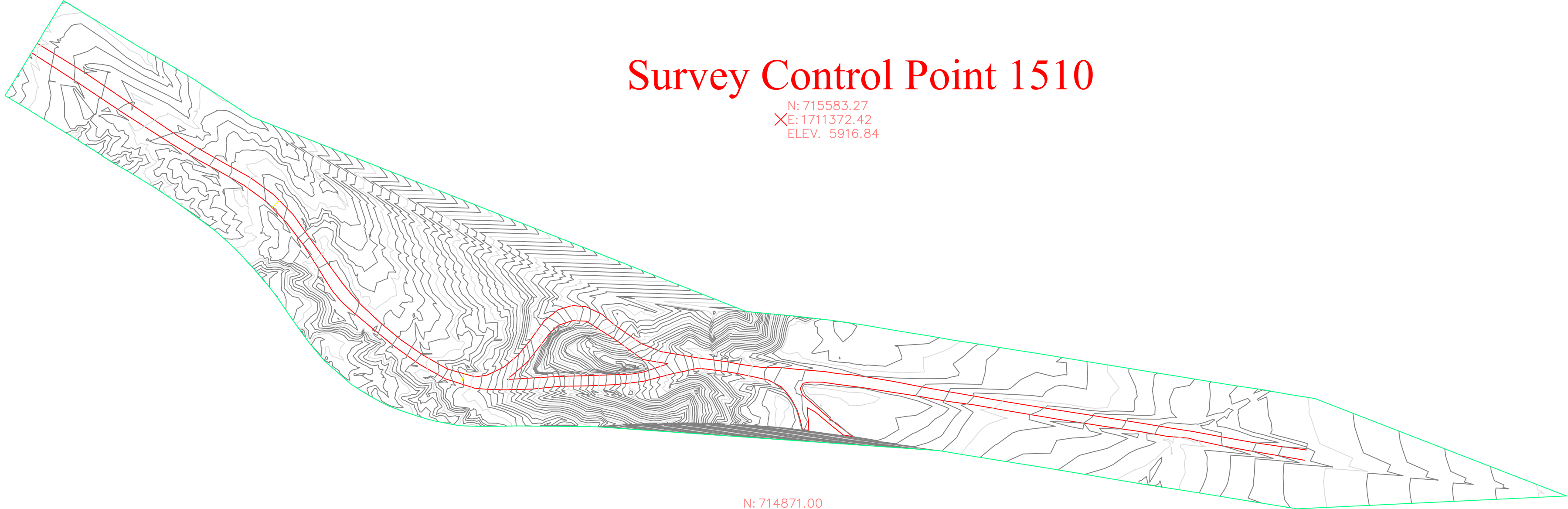
N: 715583.27
X: 1711372.42
ELEV. 5916.84

Survey Control Point 2202

N: 714871.00
X: 1711293.27
ELEV. 5994.48

Survey Control Point 1886

N: 714695.22
X: 1714248.66
ELEV. 6009.41



Point Table				
Point #	Elevation	Northing	Easting	Description
997	5870.16	715814.32	1709434.24	CP 997
1510	5916.84	715583.27	1711372.42	CP 999 CK
1886	6009.41	714695.22	1714248.66	CP 1000 CK
2202	5994.48	714871.00	1711293.27	CP 998 CK

NAVAJO DIVISION OF TRANSPORTATION

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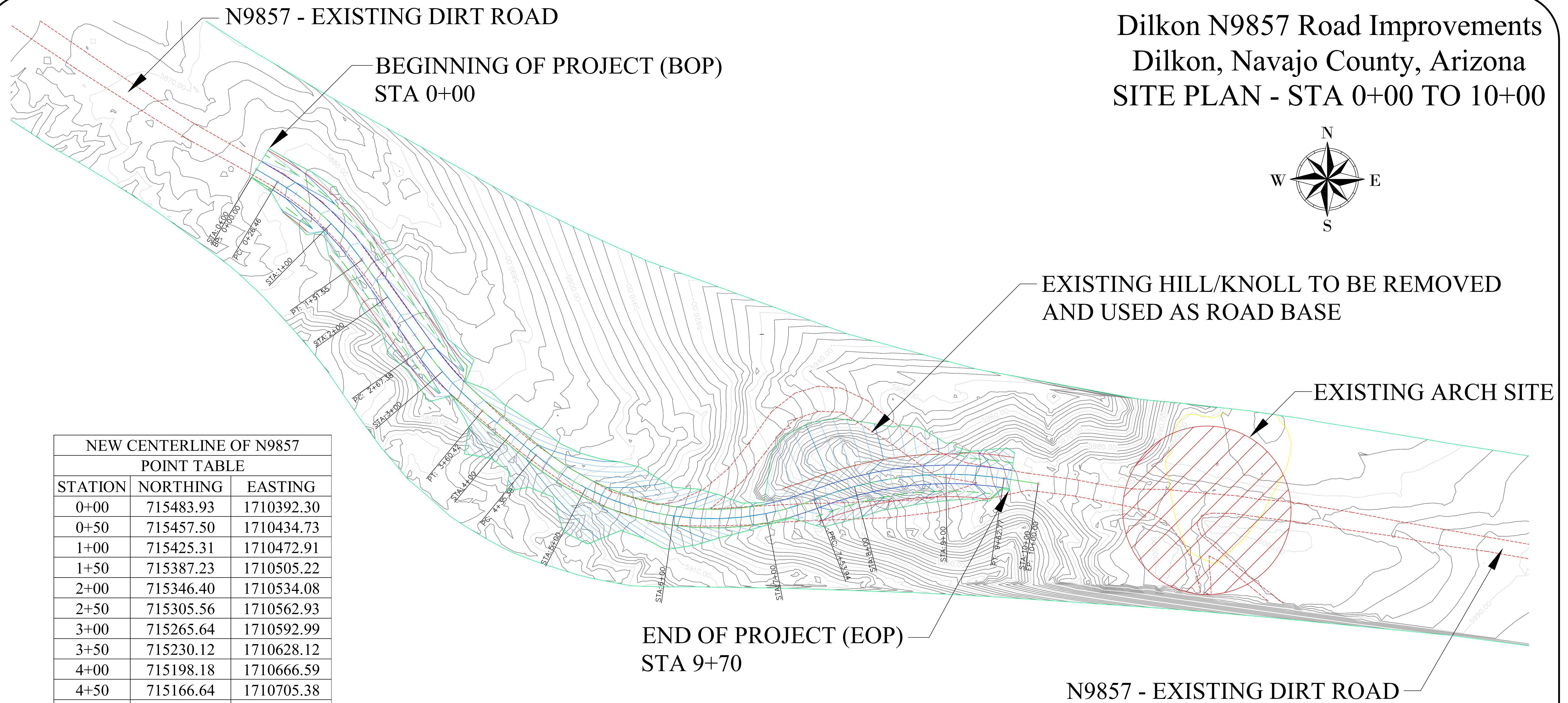
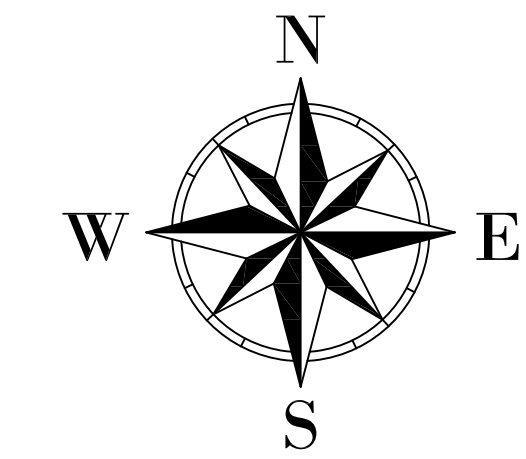
Project: Dilkon N9857 Road Improvements

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Dilkon N9857 Road Improvements Dilkon, Navajo County, Arizona SITE PLAN - STA 0+00 TO 10+00



NEW CENTERLINE OF N9857 POINT TABLE		
STATION	NORTHING	EASTING
0+00	715483.93	1710392.30
0+50	715457.50	1710434.73
1+00	715425.31	1710472.91
1+50	715387.23	1710505.22
2+00	715346.40	1710534.08
2+50	715305.56	1710562.93
3+00	715265.64	1710592.99
3+50	715230.12	1710628.12
4+00	715198.18	1710666.59
4+50	715166.64	1710705.38
5+00	715140.20	1710747.75
5+50	715121.16	1710793.92
6+00	715110.05	1710842.61
6+50	715107.16	1710892.47
7+00	715112.59	1710942.11
7+50	715126.18	1710990.17
8+00	715141.82	1711037.63
8+50	715151.47	1711086.66
9+00	715154.93	1711136.50
9+50	715152.15	1711186.39
9+70	715149.37	1711206.20
10+00	715144.88	1711235.85

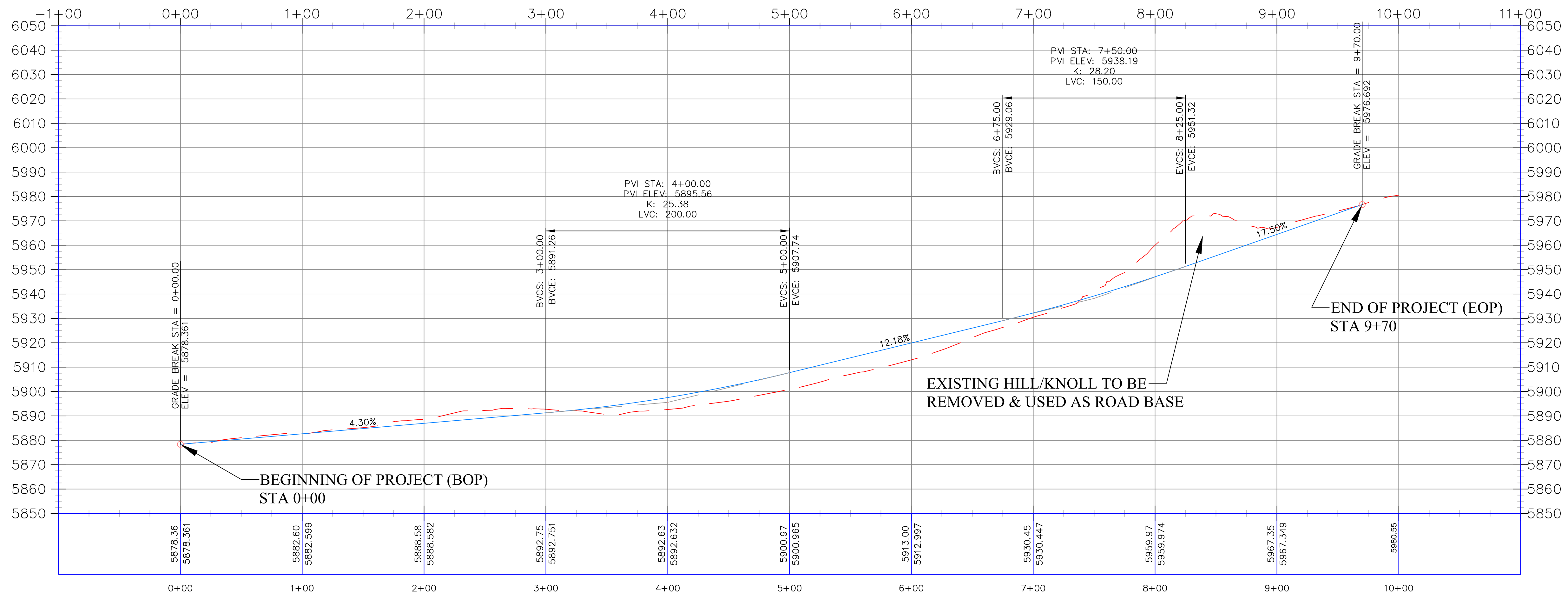
N9857 EARTHWORK CUT/FILL SUMMARY			
AREA (SQ-FT)	CUT (CYDS)	FILL (CYDS)	NET CUT (CYDS)
92,954.23	7,926.02	7,692.99	233.03

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Dilkon N9857 Road Improvements Dilkon, Navajo County, Arizona PROFILE - STA 0+00 TO 10+00

N9857 PROFILE



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