

Show NPS PMIS and drawing numbers for all NPS projects (See title sheet for example)

PROJECT	SHEET NUMBER
PROJECT NUMBER PROJECT NAME	A4

Project : AZ FLAP COC 73(1) Perkinsville Rd.

Review FP14, Section 152.02

Reference the correct FP

Date Of Field Work : Mar, 2022
Date Of Final Adjustment : Mar, 2022

Project Units : US Survey Feet
Datum: Nad 1983 (Conus)
Zone: Arizona Central 0202
Geoid: Geoid12B (Conus)
Opus Epoc Date : 2010.0000
Vertical Datum : Navd88 All Elevations Are Modeled using Geoid12B, holding OPUS on 2006 & 2010

Verify horizontal alignment information reflects current alignment

ALI File Dated : 8/26/22
ALI File Name : ALI_FH73S-1_MAIN.dgn Alignment : MAIN

POINT NUMBER	STATE PLANE COORDINATES			GEO COORDINATES			MAPPING ANGLE	COMBINED FACTOR	STATION	OFFSET	DESCRIPTION
	NORTH	EAST	ELEVATION	LATITUDE	LONGITUDE	ELLIPSOID HEIGHT					
2001	1510814.00	631153.16	7039.70	35°09'08.38800"N	112°08'49.12800"W	6961.20	-0°07'59"	0.99957252	392+00.88	-69.3	FHWA AC
2002	1511209.26	631035.76	7034.41	35°09'12.31200"N	112°08'50.56800"W	6955.92	-0°07'59"	0.99957280	387+99.21	-85.0	FHWA AC
2003	1519499.20	625921.98	7122.84	35°10'34.17600"N	112°09'52.41600"W	7044.46	-0°08'35"	0.99956940	289+82.52	66.1	FHWA AC
2004	1519921.63	625836.77	7135.14	35°10'38.35200"N	112°09'53.46000"W	7056.76	-0°08'35"	0.99956883	285+58.24	32.9	FHWA AC
2005	1523251.47	624947.69	7269.88	35°11'11.29200"N	112°10'04.26000"W	7191.57	-0°08'42"	0.99956253	250+09.86	-24.8	FHWA AC
2006	1523806.21	625014.10	7268.87	35°11'16.76400"N	112°10'03.46800"W	7190.57	-0°08'42"	0.99956257	244+59.34	-39.5	FHWA AC
2007	1532874.11	624503.61	7139.21	35°12'46.44000"N	112°10'09.91200"W	7061.09	-0°08'46"	0.99956885	153+33.36	69.0	FHWA AC
2008	1533694.81	624452.32	7121.40	35°12'54.57600"N	112°10'10.56000"W	7043.29	-0°08'46"	0.99956971	145+11.08	75.7	FHWA AC
2009	1540913.62	621139.00	6957.21	35°14'05.89200"N	112°10'50.70000"W	6879.11	-0°09'07"	0.99957814	58+89.77	40.8	FHWA AC
2010	1541166.96	621003.36	6957.33	35°14'08.37600"N	112°10'52.35600"W	6879.23	-0°09'11"	0.99957816	55+76.80	45.0	FHWA AC

PROJECT AVERAGES = 0.99957035

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NOTE: TO PRECISELY CHECK DISTANCES BETWEEN POINTS AS MEASURED ON THE GROUND : INVERSE THE STATE PLANE COORDINATES AND DIVIDE THE COMPUTED DISTANCE BY A MEAN COMBINED FACTOR OF THE TWO POINTS.

TO COMPUTE GEODETIC AZIMUTHS USE THE FOLLOWING FORMULA :
GEODETIC AZIMUTH = GRID AZIMUTH + MAPPING ANGLE

Survey to update, as needed

Refer to CFL policy on Sealing and Signing of A/E Documents (located on the FLH website):
<https://highways.dot.gov/sites/fhwa.dot.gov/files/docs/federal-lands/pm/30091/sealing-signing-policy.pdf>

1	Created	8/30/22	SJS
NO.	DESCRIPTION REVISIONS (OR CHANGE NOTICES)	DATE	INIT.

SURVEY CONTROL