

FRA-104-6.41

FRANKLIN COUNTY JACKSON TOWNSHIP VIRGINIA MILITARY SURVEYS; 426 AND 469

- VMS LINE
- FEN Fence
- ⊗ RSPK Railroad Spike Found
- ⊙ CMON Concrete Monument Found
- ⊙ MISC Miscellaneous Item Found
- ⊙ M.N.F. MAG MAG Nail Found
- ⊙ I.P.F. IPIN Iron Pin Found
- ⊙ GOVCONS Government Control Point Set
- ⊙ M.N.S. MAGS MAG Nail Set

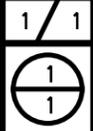


PID NO.
97727

R/W DESIGNER
MEO
R/W REVIEWER
KRA

CENTERLINE PLAT

FRA-104-6.41



P.I. Sta. 316+89.22
 $\Delta = 2^\circ 10' 12''$ (LT)
 $Dc = 0^\circ 59' 38''$
 $R = 5,764.71'$
 $T = 109.17'$
 $L = 218.32'$
 $E = 1.03'$
 $C = 218.27'$
 $C.B. = N 5^\circ 59' 09'' E$

P.I. Sta. 304+44.85
 $\Delta = 6^\circ 56' 43''$ (RT)
 $Dc = 0^\circ 59' 53''$
 $R = 5,740.32'$
 $T = 348.34'$
 $L = 695.83'$
 $E = 10.56'$
 $C = 695.40'$
 $C.B. = N 3^\circ 35' 53'' E$

BASIS OF BEARING
 THE BASIS OF BEARING FOR THIS PROJECT ARE
 BASED ON GPS OBSERVATIONS
 OF CONTROL POINT 3 AND CONTROL POINT 2.
 SAID BEARING BEING $S 1^\circ 48' 43.4'' W$.
 OBSERVATIONS OF THE CONTROL POINTS
 WERE OBTAINED IN OCTOBER, 2014 USING THE
 STATE OF OHIO "VRS" VIRTUAL REFERENCE SYSTEM.

PRIOR STATE REFERENCES
 THE OHIO DEPARTMENT OF HIGHWAYS LOCATION PLAN FOR
 S.H. 453 SECTION B (PT.) AND SECTION A (PT.)
 FRA-104-(2.73-7.64)
 COLUMBUS-CHILLICOTHE-WESTERN ROAD
 LOCATED AT ODOT DISTRICT 6 HEADQUARTERS
 DELAWARE OHIO

I, JAMES A. STAFA, P.S., HAVE CONDUCTED A SURVEY OF EXISTING CONDITIONS OF THE
 CENTERLINE OF STATE ROUTE 104 FROM APPROXIMATELY 1000' NORTH OF STRINGTOWN ROAD TO
 4000' SOUTH OF DYER ROAD IN OCTOBER OF 2014. THE RESULTS OF THE SURVEY ARE CONTAINED HEREIN.
 ALL POINTS WERE LOCATED USING THE OHIO VRS SYSTEM,
 THE HORIZONTAL COORDINATES ARE BASED ON THE OHIO STATE PLANE COORDINATE SYSTEM, SOUTH ZONE, NAD1983(2011) DATUM.
 THE ELEVATIONS WERE ESTABLISHED HOLDING THE VRS ELEVATION FOR CONTROL POINT 3 AND ARE NAVD88 BASED ON THE CONUS GEOID2012A
 ALL COORDINATES AND DISTANCES ARE US SURVEY FEET. ALL OF MY WORK HEREIN WAS CONDUCTED IN ACCORDANCE WITH THE OHIO ADMINISTRATIVE
 CODE CHAPTER 4733-37 STANDARDS FOR BOUNDARY SURVEYS. THE WORDS I AND MY, AS USED HEREIN, ARE TO MEAN THAT EITHER
 MYSELF OR SOMEONE WORKING UNDER MY DIRECT SUPERVISION.

Point	North	East	Station	Offset	Feature
CONTROL1	686217.8190	1820429.3040	287+45.80	22.8517	GOVCONS
CONTROL2	687678.1150	1820419.8080	302+06.73	16.7058	GOVCONS
CONTROL3	688524.9140	1820446.5980	310+53.11	-31.1850	GOVCONS
PC1	687568.2564	1820401.8067	300+96.51	0.0000	CALPT
PI1	687916.5955	1820402.5688	304+44.42	-10.5595	CALPT
PT1	688262.2865	1820445.4468	307+92.33	0.0000	CALPT
SET1	686871.7502	1820400.2829	294+00.00	0.0000	MAGS
SET2	687171.7495	1820400.9392	297+00.00	0.0000	MAGS
SET3	687568.2585	1820401.8067	300+96.51	-0.0000	MAGS
SET4	687916.5955	1820402.5688	304+44.42	-10.5595	MAGS
SV100	685976.1677	1820379.2121	285+04.68	-29.7665	CMON
SV101	685557.3976	1820451.1246	Off Chain	Off Chain	FEN
SV102	685551.4922	1820469.9643	Off Chain	Off Chain	FEN
SV103	683730.4666	1820432.7814	Off Chain	Off Chain	MISC
SV104	686113.3108	1820407.5139	286+41.52	-0.0310	MAG
SV107	689152.3480	1820555.8461	316+89.20	1.0337	MAG
SV109	688978.4801	1820564.0919	315+17.69	29.5849	IPIN
SV110	689261.0881	1820565.1697	317+98.33	0.0000	RSPK
SV111	689455.2541	1820581.6401	Off Chain	Off Chain	RSPK
SV112	685577.2313	1820413.1556	281+05.41	0.0000	RSPK
SV113	689044.0033	1820542.4075	315+80.04	0.0000	RSPK
SV1000	686818.3300	1820400.1660	293+46.58	0.0000	RSPK

BENCHMARKS
 CONTROL POINT 3; IRON PIN SET WITH 3 INCH ALUMINUM DISK MARKED OHIO
 DEPARTMENT OF TRANSPORTATION, IN FRONT OF PHOENIX LINKS GOLF COURSE
 ELEVATION ESTABLISHED FROM GPS OBSERVATIONS.
 ELEV=701.249'

CONTROL POINT 2; IRON PIN SET WITH 3 INCH ALUMINUM DISK MARKED OHIO
 DEPARTMENT OF TRANSPORTATION, SET IN BERM OF S.R. 104 NEAR THE
 NORTHEAST END OF THE BRIDGE OVER I 270.
 ELEVATION ESTABLISHED BY CLOSED LEVEL LOOP FROM CONTROL POINT 1
 ELEV=725.035

CONTROL POINT 1; IRON PIN SET WITH 3 INCH ALUMINUM DISK MARKED OHIO
 DEPARTMENT OF TRANSPORTATION, SET JUST NORTH OF THE THIRD DRIVE WAY
 SOUTH FROM THE BRIDGE OVER I 270 ON THE EAST SIDE OF S.R. 104.
 ELEVATION ESTABLISHED FROM CLOSED LEVEL LOOP FROM CONTROL POINT 1.
 ELEV=710.610'

NOTE
 FIELD SURVEY AND PLAT DONE BY MATTHEW O'BRYAN
 WITH THE OHIO DEPARTMENT OF TRANSPORTATION
 OFFICE OF CADD AND MAPPING SERVICES
 FOR THE OHIO DEPARTMENT OF TRANSPORTATION
 DISTRICT 6 SURVEY SECTION

NOTE
 VMS AND CL OF CROSS ROADS
 ARE APPROXIMATE AND ARE FOR
 VISUAL ASPECTS ONLY

SURVEYORS SEAL

by _____
 JAMES A. STAFA, P.S. SURVEYOR NO. PS7968

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