

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED
 ROUTE STATE
 DISTRICT SHEET NO.
 COUNTY
 JOB NO.
 CONTRACT ID.
 PROJECT NO.
 BRIDGE NO.

DESCRIPTION
 DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
 105 WEST CAPITOL JEFFERSON CITY, MO 65102
 1-888-ASK-MODOT (1-888-275-6636)

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

COORDINATE POINT LISTING

SHEET NO	STATION	LOCATION	OFFSET (USFT)	MODIFIED STATE PLANE (GROUND)			DESCRIPTION	GPK POINT ID
				NORTHING (USFT)	EASTING (USFT)	ELEVATION (USFT)		
PROJECT CONTROL POINTS								
8	608+30.35	RT	66.80	867507.6178	1605165.2390	785.35	5/8" ROD W/ CAP, STAMPED "CONTROL POINT"	500
9	623+68.37	LT	14.73	866467.0542	1606291.1710	803.51	5/8" ROD W/ CAP, STAMPED "CONTROL POINT"	501
10	631+57.32	RT	69.07	866027.9599	1606951.2400	793.59	5/8" ROD W/ CAP, STAMPED "CONTROL POINT"	502
7	588+16.12	RT	96.02	869341.8857	1604296.1200	757.24	5/8" ROD W/ CAP, STAMPED "CONTROL POINT"	503
8	614+12.72	RT	624.72	866674.9827	1605081.6000	808.82	5/8" ROD W/ CAP, STAMPED "CONTROL POINT"	504
8	603+13.97	RT	917.81	867443.9145	1604171.3450	808.15	5/8" ROD W/ CAP, STAMPED "CONTROL POINT"	505
ALIGNMENTS (Suggested Title)								
	0+00.00		0.00	866158.57228	1605375.11198	0.00	BEGINNING OF EXISTING CENTERLINE CHAIN	EXWILMORE1
	1+23.59		0.00	866208.49585	1605262.05580	0.00	P.C.	CURVE EXWILMORE_3
	1+76.99		0.00	866230.06824	1605213.20329	0.00	P.I.	CURVE EXWILMORE_3
	2+27.23		0.00	866220.56461	1605160.65221	0.00	P.T.	CURVE EXWILMORE_3
	2+74.36		0.00	866212.18472	1605114.28334	0.00	P.C.	CURVE EXWILMORE_6
	3+34.89		0.00	866201.41449	1605054.70946	0.00	P.I.	CURVE EXWILMORE_6
	3+93.85		0.00	866168.54366	1605003.87094	0.00	P.T.	CURVE EXWILMORE_6
	4+77.51		0.00	866123.11930	1604933.61695	0.00	P.C.	CURVE EXWILMORE_9
	5+32.19		0.00	866093.42812	1604887.69613	0.00	P.I.	CURVE EXWILMORE_9
	5+85.13		0.00	866085.96866	1604833.52378	0.00	P.T.	CURVE EXWILMORE_9
	6+19.36		0.00	866081.29929	1604799.61376	0.00	P.C.	CURVE EXWILMORE_12
	6+61.74		0.00	866075.51738	1604757.62425	0.00	P.I.	CURVE EXWILMORE_12
	7+03.88		0.00	866061.96558	1604717.46336	0.00	P.T.	CURVE EXWILMORE_12
	7+56.16		0.00	866045.25031	1604667.92753	0.00	P.C.	CURVE EXWILMORE_15
	8+21.18		0.00	866024.46194	1604606.32101	0.00	P.I.	CURVE EXWILMORE_15
	8+85.83		0.00	865992.72915	1604549.57113	0.00	P.T.	CURVE EXWILMORE_15
	9+26.70		0.00	865972.78250	1604513.89918	0.00	P.C.	CURVE EXWILMORE_18
	9+58.12		0.00	865957.44612	1604486.47210	0.00	P.I.	CURVE EXWILMORE_18
	9+89.20		0.00	865935.63266	1604463.85303	0.00	P.T.	CURVE EXWILMORE_18
	12+39.94		0.00	865761.57593	1604283.36812	0.00	POINT	EXWILMORE21
	14+66.68		0.00	865582.15265	1604144.73799	0.00	END OF EXISTING CENTERLINE CHAIN	EXWILMORE22

ALL PROJECT COORDINATES HAVE BEEN PROJECTED FROM THE MISSOURI STATE PLANE COORDINATE (SPC) SYSTEM OF 1983 USING AN AVERAGE PROJECT PROJECTION (GRID TO GROUND) FACTOR. TO GET BACK TO STATE PLANE COORDINATES, MULTIPLY THE PROJECT COORDINATES BY THE AVERAGE GRID FACTOR AS SHOWN IN THE "REFERENCE CONTROL INFORMATION" PORTION OF THIS TABLE.

PROJECT COORDINATE INFORMATION

COORDINATE SYSTEM	MODIFIED STATE PLANE(GROUND)
HORIZONTAL DATUM	NAD 83(2011) EPOCH 2010.0
VERTICAL DATUM	NAVD 88: GNSS DERIVED
GEOID MODEL	GEOID18
ELEVATIONS DETERMINED BY	DIFFERENTIAL LEVELING
PROJECT PROJECTION FACTOR	1.0000986

REFERENCE CONTROL INFORMATION

COORDINATE SYSTEM	MO COORDINATE SYSTEM OF 1983
CONTROL STATION	MISSOURI CORS
DESIGNATION	MODOT ELDON CORS ARP
CORS_ID	MOEL
PID	DL6153
LATITUDE	38°20'49.67807"(N)
LONGITUDE	092°35'43.33476"(W)
NORTHING (M)	278965.623
EASTING (M)	491663.545
ZONE	CENTRAL
PROJECT AVERAGE GRID FACTOR	0.99990141

EXAMPLE OF PROJECT COORDINATE TO S.P.C.

PROJECT NORTHING X AVERAGE GRID FACTOR = STATE PLANE NORTHING
 PROJECT EASTING X AVERAGE GRID FACTOR = STATE PLANE EASTING

EXAMPLE: CONTROL POINT #500
 N 867507.6178 X 0.99990141 = N 867422.090
 E 1605165.2390 X 0.99990141 = E 1605006.985

LINEAR UNIT CONVERSION
 1 METER = 3.280833333 US SURVEY FEET (USFT)