ROUTE	STATE	DISTRICT	SHEET NO.
169	MO	4	5

JOB NO. J4U1314C

CONTRACT ID.

PROJECT NO.

COUNTY CLAY

DATE 8-20-07

HDR Engineering, Inc.

Coordinate Point Listing
Missouri Coordinate System of 1983

Reciprocal Average Grid Factor : 1.000089829227

SHEET NO.	STATION[1]	LOCATION	OFFSET[1]	NORTHING (FEET)	EASTING (FEET)	DESCRIPTION	DESIGN PT. ID
	100+00.00 CL NB 169	CL	0.00'	1080508.96	2764072.68	POT STA. 100+00.00	EXNB01
	120+97.30 CL NB 169	CL	0.00'	1082605.98	2764091.72	PC STA. 120+97.30	
	122+10.72 CL NB 169	LT.	2.25'	1082719.45	2764092.75	PI STA. 122+10.78	EXNB02
	123+24.15 CL NB 169	CL	0.00'	1082832.49	2764102.75	PRC STA. 123+24.15	
	125+13.26 CL NB 169	RT.	3.74'	1083020.94	2764119.43	PI STA. 125+13.37	EXNB03
	127+02.38 CL NB 169	CL	0.00'	1083210.13	2764121.16	PT STA. 127+02.38	
	166+57.71 CL NB 169	CL	0.00'	1087164.94	2764157.37	PC STA. 166+57.71	
	172+55.79 CL NB 169	RT.	101.03'	1087784.67	2764163.04	PI STA. 172+77.52	EXNB04
	178+53.86 CL NB 169	CL	0.00'	1088282.80	2763794.32	PT STA. 178+53.86	
	179+38.87 CL NB 169	CL	0.00'	1088351.11	2763743.75	PC STA. 179+38.87	
	180+73.85 CL NB 169	LT.	15.51'	1088461.46	2763662.06	PI STA. 180+76.17	EXNB05
	182+08.82 CL NB 169	CL	0.00'	1088596.35	2763636.50	PT STA. 182+08.82	
	182+84.35 CL NB 169	CL	0.00'	1088670.55	2763622.45	POT STA. 182+84.35	EXNB06
	120+40.67 CL SB 169	CL	0.00'	1082551.35	2764035.05	PC STA. 120+40.67	EXSB01
	123+71.54 CL SB 169	RT.	11.56'	1082879.07	2764084.13	PI STA. 123+72.07	EXSB02
	127+02.40 CL SB 169	CL	0.00'	1083210.42	2764087.16	PT STA. 127+02.40	
	166+57.81 CL SB 169	CL	0.00'	1087165.31	2764123.37	PC STA. 166+57.81	
	170+70.46 CL SB 169	RT.	61.57'	1087589.71	2764127.26	PI STA. 170+82.27	EXSB03
	174+83.11 CL SB 169	CL	0.00'	1087947.71	2763899.29	PT STA. 174+83.11	
	177+26.26 CL SB 169	CL	0.00'	1088152.79	2763768.70	PC STA. 177+26.26	
	179+43.76 CL SB 169	LT.	20.95'	1088338.48	2763650.47	PI STA. 179+46.41	EXSB04
	181+61.26 CL SB 169	CL	0.00'	1088554.75	2763609.46	PT STA. 181+61.26	EXSB05
	174+57.80 CL NB 169	CL	0.00'	1087941.79	2763994.21	NB 169 BEGIN WORK	
	175+04.50 CL NB 169	CL	0.00'	1087984.12	2763974.50	NB 169 END WORK	
	176+47.77 CL NB 169	LT.	32.74'	1088094.26	2763879.14	REFERENCE POINT	
	170+11.73 CL NB 169	LT.	128.21'	1087493.85	2764000.75	REFERENCE POINT	
	105+75.99 CL NB 169	LT.	473.31'	1081089.16	2763604.66	REFERENCE POINT	
	114+09.47 CL NB 169	LT.	160.79'	1081919.70	2763924.70	REFERENCE POINT	
	121+66.10 CL NB 169	LT.	14.59'	1082675.24	2764078.59	REFERENCE POINT	
	161+63.33 CL NB 169	LT.	48.08'	1086671.07	2764104.77	REFERENCE POINT	
	150+49.30 CL NB 169	LT.	48.40'	1085557.19	2764094.25	REFERENCE POINT	
	139+23.92 CL NB 169	LT.	48.48'	1084431.96	2764083.87	REFERENCE POINT	
	129+49.33 CL NB 169	LT.	48.16'	1083457.49	2764075.28	REFERENCE POINT	

1 Ground Distance

NOTE : The reciprocal of the average grid factor is used as a multiplier from state plane distance to ground distance.

730 Series
6/2/08 DM

COORDINATE POINTS

SHEET 1 OF 1

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