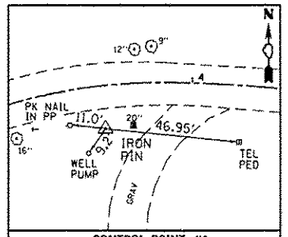
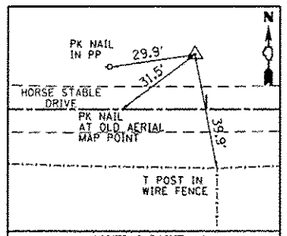
CONTROL POINTS



CONTROL POINT #1
STA. 3+68.47, 14.91' RT.
N: 1656066.003 E: 1082470.573
ELEV. = 660.56



CONTROL POINT #2
STA. 7+96.22, 18.97' LT.
N: 1656075.776 E: 1082894.350
ELEV. = 661.80

CURVE DATA

EXIST. ℄ HORSE STABLE
CURVE-1 DATA
PI STA. = 2+28.33
Δ = 24° 06' 51" (LT)
D = 57° 17' 45"
R = 100.00'
T = 21.36'
L = 42.09'
E = 2.26'
P.C. STA. = 2+06.97
P.T. STA. = 2+49.06

EXIST. ℄ HORSE STABLE
CURVE-2 DATA
PI STA. = 3+49.29
Δ = 27° 29' 45" (RT)
D = 30° 09' 20"
R = 190.00'
T = 46.49'
L = 91.18'
E = 5.60'
P.C. STA. = 3+02.81
P.C.C. STA. = 3+93.99

EXIST. ℄ HORSE STABLE
CURVE-3 DATA
PI STA. = 4+40.01
Δ = 10° 31' 00" (RT)
D = 11° 27' 33"
R = 500.00'
T = 46.02'
L = 91.78'
E = 2.11'
P.C.C. STA. = 3+93.99
P.R.C. STA. = 4+85.76

EXIST. ℄ HORSE STABLE
CURVE-4 DATA
PI STA. = 5+88.70
Δ = 11° 45' 17" (LT)
D = 5° 43' 46"
R = 1,000.00'
T = 102.94'
L = 205.16'
E = 5.28'
P.R.C. STA. = 4+85.76
P.T. STA. = 6+90.92

COORDINATE DATA

P.O.T. STA. 0+00.00
N. : 1656015.429
E. : 1082111.372

P.C. STA. 2+06.97
N. : 1656026.175
E. : 1082318.065

P.I. STA. 2+28.33
N. : 1656027.284
E. : 1082339.396

P.T. STA. 2+49.06
N. : 1656037.011
E. : 1082358.412

P.C. STA. 3+02.81
N. : 1656061.488
E. : 1082406.265

P.I. STA. 3+49.29
N. : 1656082.657
E. : 1082447.650

P.C.C. STA. 3+93.99
N. : 1656082.328
E. : 1082494.134

P.I. STA. 4+40.01
N. : 1656082.003
E. : 1082540.150

P.R.C. STA. 4+85.76
N. : 1656073.284
E. : 1082585.333

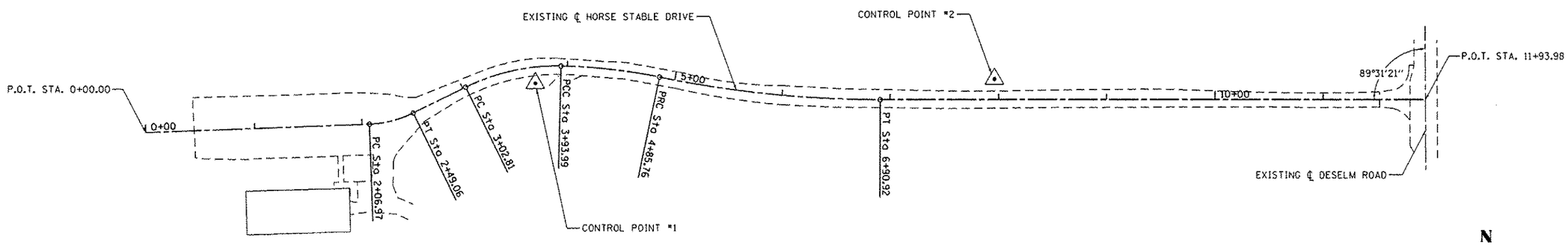
P.I. STA. 5+88.71
N. : 1656053.779
E. : 1082686.410

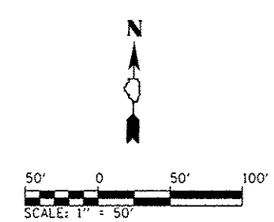
P.T. STA. 6+90.92
N. : 1656055.275
E. : 1082789.341

P.O.T. STA. 11+93.98
N. : 1656062.586
E. : 1083292.342

BILL OF MATERIALS - HORSE STABLE

ITEM	UNIT	TOTAL
EARTH EXCAVATION	CU YD	43
FURNISHED EXCAVATION	CU YD	3
TOPSOIL FURNISH AND PLACE, 4"	SQ YD	295
GRADING AND SHAPING DITCHES	FOOT	156
AGGREGATE BASE COURSE, TYPE A 2"	SQ YD	2,789
AGGREGATE BASE COURSE, TYPE A 12"	SQ YD	285
AGGREGATE SURFACE COURSE, TYPE A	TON	4.2
HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N50	TON	394.9
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	309.3
PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	172
PAVEMENT REMOVAL	SQ YD	44
HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	57
SIDEWALK REMOVAL	SQ FT	117
AGGREGATE WEDGE SHOULDER, TYPE B	TON	146.0
SIGN PANEL - TYPE 1	SQ FT	24
REMOVE SIGN PANEL - TYPE 1	SQ FT	9
WOOD SIGN SUPPORT	FOOT	59
PAINT PAVEMENT MARKING - LINE 4"	FOOT	692
PAINT PAVEMENT MARKING - LINE 6"	FOOT	37
PAINT PAVEMENT MARKING - LINE 12"	FOOT	42
PAINT PAVEMENT MARKING - LINE 24"	FOOT	9
REMOVE EXISTING GATE	EACH	1
REMOVE EXISTING PARKING BLOCKS	EACH	31
PRECAST CONCRETE PARKING BLOCK	EACH	27
TUBULAR STEEL GATE	EACH	1
SCARIFY EXISTING SURFACE	SQ YD	2,879
AGGREGATE SHOULDERS (SPECIAL)	TON	6.4
PIPE CULVERTS TO BE CLEANED 12"	FOOT	35
PIPE CULVERTS TO BE CLEANED 15"	FOOT	48
REMOVE SIGN COMPLETE	EACH	3
BITUMINOUS MATERIALS (PRIME COAT)	POUND	7,791





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		DRAWN - RAH	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED - BJO	REVISED -
Default	PLOT DATE = 4/8/2013	DATE - 3/29/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT AND BILL OF MATERIALS - HORSE STABLE
KANKAKEE RIVER STATE PARK

SCALE: 1" = 50' | SHEET 1 OF 5 SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PARK ROADS	*	140	78
	* WILL & KANKAKEE	CONTRACT NO. 46251		
	ILLINOIS	FED. AID PROJECT		