

MONUMENT LEGEND

- ◻ EXISTING R/W MONUMENT BOX
- ▣ PROPOSED R/W MONUMENT BOX
- ⊙ EXISTING CONCRETE MONUMENT
- PROPOSED CONCRETE MONUMENT
- ✂ RAILROAD SPIKE FOUND
- ✂ RAILROAD SPIKE SET
- I.P.F. IRON PIN FOUND
- ⊙ I.P.F. IRON PIN FOUND W/ ID CAP
- I.P.S. IRON PIN SET W/ ID CAP
- ⊙ I.P.F. IRON PIPE FOUND
- I.P.S. IRON PIPE SET
- P.K.F. P.K. NAIL FOUND
- P.K.S. P.K. NAIL SET

CLI-73-6.52

VIRGINIA MILITARY DISTRICT
UNION TOWNSHIP
V.M.S. No. 1556, 1057 & 1554
CLINTON COUNTY, OHIO

THE PROPOSED RIGHT OF WAY SHALL BE REFERENCED FROM THE CENTERLINE OF RIGHT OF WAY.

ADJUSTABLE CENTERLINE MONUMENTS, REFERENCE MONUMENTS AND RIGHT OF WAY MONUMENTS ARE SHOWN ON STANDARD CONSTRUCTION DRAWING RM 1.1 (REV. 4-29-99) OF THE OHIO DEPARTMENT OF TRANSPORTATION. THE PLACING OF THE MONUMENTS SHALL BE UNDER THE DIRECTION OF A SURVEYOR REGISTERED IN THE STATE OF OHIO AND ARE TO BE SET, AS SHOWN BY THE HIGHWAY CONTRACTOR AT THE TIME OF CONSTRUCTION. ANY ALTERATIONS, WITH PRIOR APPROVAL OF THE OHIO DEPARTMENT OF TRANSPORTATION, SHALL BE NOTED AND O.D.O.T. SHALL BE NOTIFIED OF THE NEW LOCATIONS.

MATCHLINE STA. 385+00.00
SEE BELOW

MATCHLINE STA. 350+00.00
SEE SHEET 2

MONUMENTS TO BE SET DURING CONSTRUCTION			
E of RIGHT OF WAY	PROJECT COORDINATES ('GROUND')		CONCRETE E MONUMENTS
	NORTH (Y)	EAST (X)	ITEM
S.R. 73			604E 39500
POT 351+00.00	536170.4222	1582958.0257	1
POT 360+00.00	536200.0827	1583857.5368	1
POT 370+00.00	536233.0389	1584856.9936	1
POT 377+50.00	536257.7560	1585606.5862	1
POT 384+50.00	536280.8253	1586306.2059	1
POT 390+00.00	536298.9511	1586855.9072	1
POT 400+00.00	536331.9073	1587855.3640	1
POT 410+00.00	536364.8634	1588854.8208	1
POT 420+00.00	536397.8195	1589854.2776	1
POT 430+00.00	536430.7756	1590853.7344	1
POT 434+50.00	536445.6059	1591303.4899	1
POT 436+50.00	536452.1971	1591503.3813	1
TOTAL TO GENERAL SUMMARY			12
			CONC. REF. MONUMENTS
RAMP 'A'			ITEM 604E 40500
27+12.32 20' LT	536508.1948	1590197.7431	1
34+38.52 20' LT	536649.4221	1590900.1853	1
RAMP 'D'			
20+99.40 20' RT	536315.1419	1589956.4544	1
29+95.29 20' RT	536216.1565	1590833.9711	1
32+25.71 20' RT	536136.9335	1591050.3405	1
34+73.35 20' RT	536092.0616	1591299.6244	1
TOTAL TO GENERAL SUMMARY			6

BASIS FOR BEARINGS:

ALL BEARINGS SHOWN ARE FOR PROJECT USE ONLY. ALL BEARINGS ARE BASED ON THE OHIO STATE PLANE COORDINATE SYSTEM, OHIO SOUTH ZONE (NAD83) UTILIZING GPS OBSERVATIONS. THE P.A.F. IS 1.0001579392.

PROP. RAMP 'A' CURVE DATA
P.I. STA. 30+77.32
Δ = 16° 40' 02" (LT)
Dc = 3° 30' 00"
R = 1,637.02'
Ls = 250.00'
θs = 4° 22' 30"
LT = 166.72'
ST = 83.38'
x = 249.85'
y = 6.36'
k = 124.98'
p = 1.59'
Δc = 7° 55' 02" (LT)
Lc = 226.20'
Ts = 365.00'
Es = 19.08'

PROP. RAMP 'D' CURVE DATA
P.I. STA. 23+76.63
Δ = 8° 18' 08" (RT)
Dc = 1° 30' 00"
R = 3,819.72'
T = 277.23'
L = 553.48'
E = 10.05'

PROP. RAMP 'D' CURVE DATA
P.I. STA. 28+24.91
Δ = 13° 41' 47" (RT)
Dc = 4° 00' 00"
R = 1,432.39'
T = 172.03'
L = 342.41'
E = 10.29'

PROP. RAMP 'D' CURVE DATA
P.I. STA. 33+50.78
Δ = 19° 48' 42" (LT)
Dc = 8° 00' 00"
R = 716.20'
T = 125.07'
L = 247.64'
E = 10.84'

CURVE C2
P.I. STA. 25+45.03
Δ = 4° 51' 36" (RT)
Dc = 1° 59' 59"
R = 2,865.00'
T = 121.58'
L = 243.02'
E = 2.58'

SPIRAL S1
P.I. STA. 32+24.48
Ls = 205.00'
θs = 5° 38' 15"
LT = 136.74'
ST = 68.40'
x = 204.80'
y = 6.72'
k = 102.47'
p = 1.68'

SPIRAL S2
P.I. STA. 28+79.13
Ls = 205.00'
θs = 5° 38' 15"
LT = 136.74'
ST = 68.40'
x = 204.80'
y = 6.72'
k = 102.47'
p = 1.68'

CURVE C1
P.I. STA. 30+54.80
Δ = 22° 45' 11" (RT)
Dc = 5° 30' 00"
R = 1,041.74'
Ls = 205.00'
θs = 5° 38' 15"
LT = 136.74'
ST = 68.40'
x = 204.80'
y = 6.72'
k = 102.47'
p = 1.68'
Δc = 11° 28' 41" (RT)
Lc = 208.69'
Ts = 312.41'
Es = 22.59'

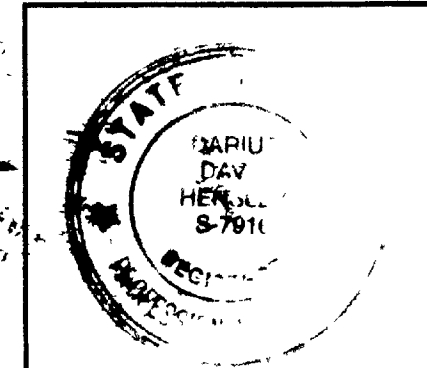
END PROJECT STA. 440+50

END PROJECT STA. 440+50

I HEREBY CERTIFY THAT THIS PLAT IS A TRUE DELINEATION OF A SURVEY MADE FOR THE OHIO DEPARTMENT OF TRANSPORTATION IN 2005 BY WOOLPERT, INC.

THE ESTABLISHMENT OF THE PROPERTY LINES AND EXISTING RIGHT OF WAY LINES SHOWN ON THIS PLAN AS OF THIS DATE WERE PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION.

BY *Darius Handy*
SURVEYOR NO. 7916 DATE 5/17/05



RECEIVED _____, 20____
RECORDED _____, 20____
BOOK _____ PAGE _____
COUNTY RECORDER

HORIZONTAL SCALE IN FEET
 0 100 200 400
 PID NO. 78571
 R/W DESIGNER JDH
 R/W REVIEWER SWN
 CENTERLINE PLAT
 CLI-73-6.52
 3 / 32