

I HEREBY CERTIFY THAT THIS PLAT IS A TRUE DELINEATION OF A SURVEY MADE FOR THE OHIO DEPARTMENT OF TRANSPORTATION IN OCTOBER 2014 BY NORTHWEST CONSULTANTS, 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 Matthew J. Puhl
MATTHEW J. PUHL

SURVEYOR NO. S-008363 DATE 01-15-2015



MONUMENT LEGEND

- EXISTING R/W MONUMENT BOX
- DRILL HOLE FOUND
- EXISTING CONCRETE MONUMENT
- IRON PIN FOUND
- IRON PIPE FOUND

LUCAS COUNTY

CITY OF TOLEDO
SECTIONS 5 & 8
T. 9 S., R. 8 E.

SOUTHWEST CORNER SECTION 5
STA 485+76.93, 2103.21' LT

SECTION 8
N89°10'18" 2655.33'
N89°10'03" 888.47'
SOUTH 1/4 CORNER SECTION 5
STA. 496+61.73, 166.48' RT
I-75 CURVE 1
P.I. Sta. 492+21.64
 $\Delta = 62^\circ 25' 07''$ (RT)
 $Dc = 2^\circ 00' 00''$
 $R = 2,864.79'$
 $Ls = 200.00'$
 $\theta s = 2^\circ 00' 00''$
 $LT = 133.34'$
 $ST = 66.67'$
 $x = 199.98'$
 $y = 2.33'$
 $k = 100.00'$
 $p = 0.58'$
 $\Delta c = 58^\circ 25' 07''$ (RT)
 $Lc = 2,920.93'$
 $Ts = 1,835.96'$
 $Es = 485.42'$
 $C = 2,796.04'$
 $C1 = C2 = 199.99'$
 $C.B. 1 = N 0^\circ 04' 44'' E$
 $C.B. 2 = N 30^\circ 37' 17'' E$
 $C.B. 3 = S 61^\circ 09' 51'' W$

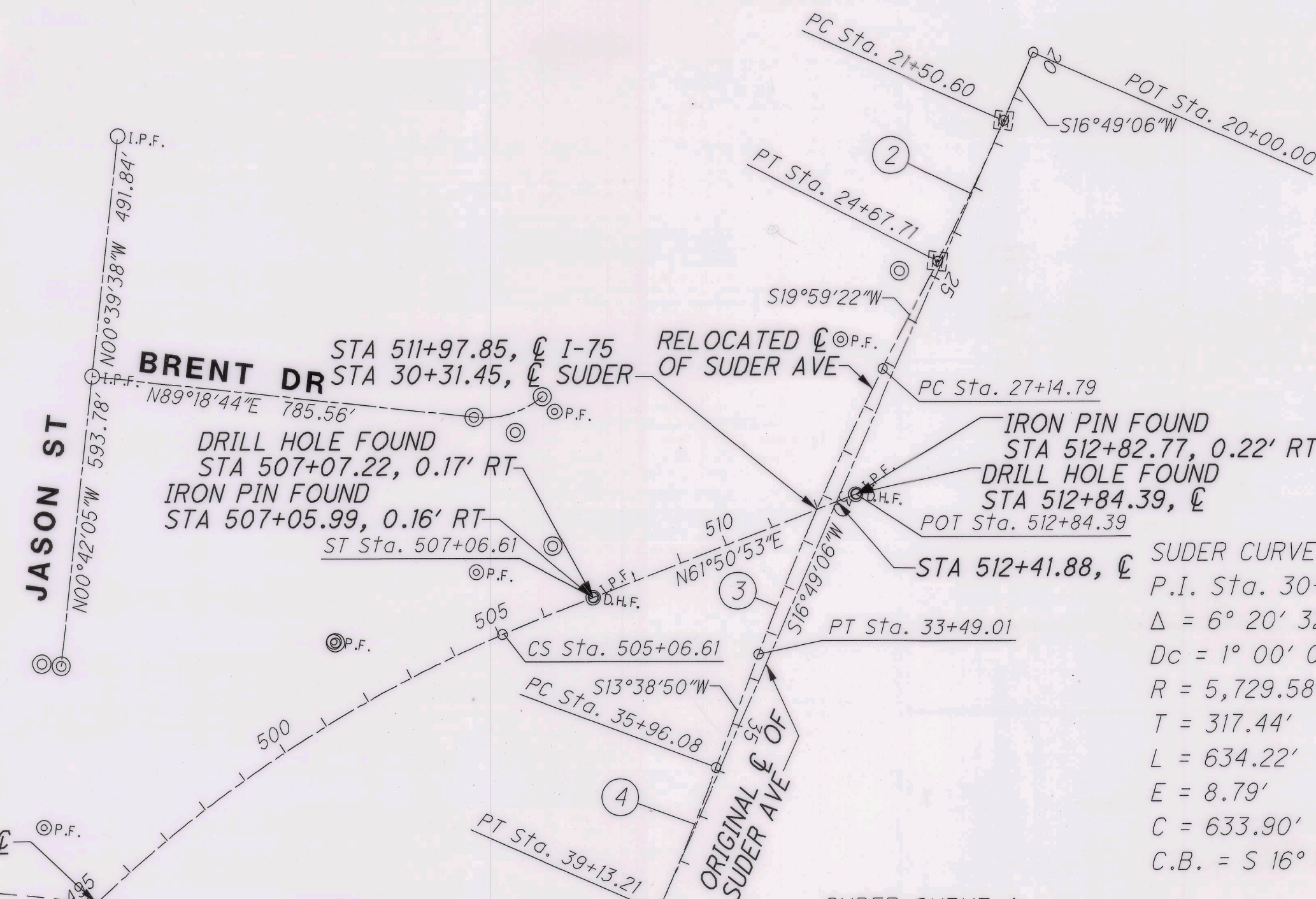
DRILL HOLE FOUND
STA 473+85.69, $\angle$
IRON PIN FOUND
STA 473+84.80, 0.05' LT

BEARINGS USED HEREIN ARE BASED ON OHIO STATE PLANE COORDINATE SYSTEM, NORTH ZONE NAD83(2011) AND ARE FOR THIS PROJECT USE ONLY.

BASIS OF EXISTING $\angle$ AND PROPERTY LINES:
THE EXISTING PROPERTY LINE LOCATIONS WERE DETERMINED USING
-EXISTING ODOT PLANS, LUC-24A-(5.53-6.02) (1957)
-EXISTING ODOT PLANS, LUC-184-8.11 (1970)
-EXISTING ODOT PLANS, LUC-75-7.81 (1989)
-NORTH-CROSS PLAT THREE PLAT VOLUME 144 PAGE 94 (1999)
-DEED FOR PARCEL 68-WL VOLUME 1990 PAGE 195 (1970)
-DEED FOR PARCEL 108-WL MICROFICHE#93 0334E08 (1992)

THE $\angle$ OF I-75 WAS ESTABLISHED BY FOUR DRILL HOLES FOUND IN THE CONCRETE BARRIER ON I-75
THE DRILL HOLES WERE LOCATED HERE:
STA 460+00.37, $\angle$
STA 473+85.69, $\angle$
STA 507+07.22, 0.17' RT
STA 512+84.39, $\angle$
THE DRILL HOLES WERE THEN USED TO CREATE A SPIRAL-CURVE-SPIRAL PER THE LUC-184-8.11 ODOT PLANS

NEAR EACH ONE OF THESE DRILL HOLES AND IRON PIN IN THE CONCRETE BARRIER WAS FOUND AS WELL. THESE IRON PINS CAN BE REFERENCE TO ODOT $\angle$ MONUMENT REFERENCE SHEETS LUC-75-7.83 DATED 01-30-1998. IN THESE REFERENCE SHEETS IT DESCRIBES THE DRILL HOLES AS BEING IN THE LOCATION OF THE ORIGINAL $\angle$ MONUMENTS AND THE IRON PINS AS BEING THE MATHEMATICAL LOCATION OF THE $\angle$. CORRESPONDENCE BETWEEN ODOT AND LEWANDOWSKI ENGINEERS ON 12-08-1997 AND 12-16-1997 DETERMINED THAT THE ORIGINAL MONUMENT LOCATIONS WERE TO BE HELD NOT THE MATHEMATICAL LOCATIONS FOR THE $\angle$ OF I-75



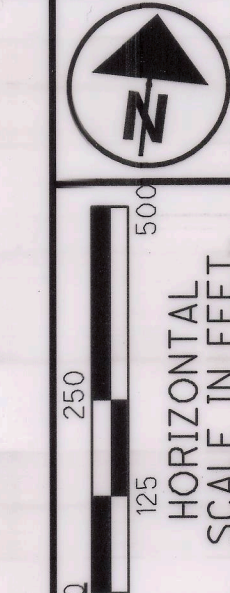
SUDER CURVE 2
P.I. Sta. 23+09.20
 $\Delta = 3^\circ 10' 16''$ (RT)
 $Dc = 1^\circ 00' 00''$
 $R = 5,729.58'$
 $T = 158.60'$
 $L = 317.11'$
 $E = 2.19'$
 $C = 317.07'$
 $C.B. = S 18^\circ 24' 14'' W$

SUDER CURVE 3
P.I. Sta. 30+32.23
 $\Delta = 6^\circ 20' 32''$ (LT)
 $Dc = 1^\circ 00' 00''$
 $R = 5,729.58'$
 $T = 317.44'$
 $L = 634.22'$
 $E = 8.79'$
 $C = 633.90'$
 $C.B. = S 16^\circ 49' 06'' W$

SUDER CURVE 4
P.I. Sta. 37+54.69
 $\Delta = 3^\circ 10' 17''$ (RT)
 $Dc = 1^\circ 00' 00''$
 $R = 5,729.58'$
 $T = 158.61'$
 $L = 317.13'$
 $E = 2.19'$
 $C = 317.09'$
 $C.B. = S 15^\circ 13' 59'' W$

I.R.-75 CENTERLINE OF R/W INFORMATION & MONUMENT TABLE						
PROJECT ADJUSTMENT FACTOR (METRIC GRID TO U.S. FEET GROUND) = 3.280890617						
STATION	OFFSET	NAD83 (2011) STATE PLANE GRID COORDINATES (METERS)		STATE PLANE GROUND COORDINATES (U.S. FEET)		TYPE OF MONUMENT
		NORTHING (Y)	EASTING (X)	NORTHING (Y)	EASTING (X)	
I-75						
460+00.37	$\angle$	227831.060	516609.465	747488.787	1694939.147	DRILLH
460+00.37	1.17' LT	227830.703	50272.676	747487.616	1694939.150	IPIN
473+84.80	0.05' LT	228253.004	516605.121	748873.140	1694924.895	IPIN
473+85.69	$\angle$	228253.276	516605.134	748874.030	1694924.937	DRILLH
485+76.93	2103.21 LT	228841.206	516066.735	750802.967	1693158.509	MONBOX
504+93.57	718.26 RT	228856.839	517146.756	750854.257	1696701.939	MONBOX
507+05.99	0.16 RT	229076.875	517092.562	751576.170	1696524.136	IPIN
507+07.22	0.17 RT	229077.049	517092.893	751576.739	1696525.222	DRILLH
512+82.77	0.22 RT	229159.804	517247.573	751848.252	1697032.710	IPIN
512+84.39	$\angle$	229160.097	517247.978	751849.212	1697034.037	DRILLH
SUDER						
12+27.16	$\angle$	229671.124	517392.835	753525.8373	1697509.297	MONBOX
21+50.06	$\angle$	229401.689	517311.447	752641.8489	1697242.272	MONBOX
24+67.65	0.06' LT	229310.000	517280.959	752341.0286	1697142.245	MONBOX

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T2015008397
Phil Copeland
Lucas County Recorder PLAT



PID NO. 96481
R/W DESIGNER MJP
R/W REVIEWER JRM

CENTERLINE PLAT

LUC-75-7.82

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