

M:\18067 (000T - VAR-002 Survey Services & ROW Plans)\08279_OTT-163-38.19\Design\RW\Sheets\08279_PC001.dgn Sheet 6/6/2018 3:25:39 PM SEA

EX R/W SR163 CURVE DATA

CURVE CL1 PI 2013+97.91 Δ = 36°00'25" (LT) Dc = 12°59'52" R = 440.81' T = 143.26' L = 277.02' E = 22.69' C = 272.49' C.B. = S 7°46'55" E	CURVE CL2 PI 2020+25.28 Δ = 18°29'42" (RT) Dc = 6°29'54" R = 881.70' T = 143.55' L = 284.61' E = 11.61' C = 283.38' C.B. = S 16°32'17" E
---	---

CONST SR 163 CURVE DATA

CURVE A PI 1017+25.04 Δ = 2°09'53" (RT) Dc = 00°51'57" R = 6,618.00' T = 125.04' L = 250.05' E = 1.18' C = 250.03' C.B. = S 26°10'29" E	CURVE B PI 1018+90.44 Δ = 2°49'42" (RT) Dc = 03°30'08" R = 1,636.00' T = 40.39' L = 80.76' E = 0.50' C = 80.75' C.B. = S 24°02'20" E
--	---

EX R/W COTTAGE DRIVE CURVE DATA

CURVE CL3 PI 8+97.63 Δ = 25°00'04" (RT) Dc = 28°38'52" R = 200.00' T = 44.34' L = 87.27' E = 4.86' C = 86.58' C.B. = N 62°24'33" E

CURVE C

PI 1020+18.94 Δ = 13°09'40" (RT) Dc = 07°29'58" R = 764.00' T = 88.14' L = 175.49' E = 5.07' C = 175.11' C.B. = S 16°21'08" E

CURVE D

PI 1021+46.69 Δ = 2°49'42" (RT) Dc = 03°30'08" R = 1,636.00' T = 40.39' L = 80.76' E = 0.50' C = 80.75' C.B. = S 08°03'31" E
--

OTT-163-38.19

OTTAWA COUNTY
VILLAGE OF MARBLEHEAD
DANBURY TOWNSHIP
GREAT LOT 27, SEC 1
FIRELANDS SURVEY

BASIS FOR BEARINGS:

ALL BEARINGS SHOWN HEREON ARE FOR PROJECT USE ONLY AND ARE BASED ON THE OHIO STATE PLANE COORDINATE SYSTEM, NORTH ZONE, NAD 83 (2011). SAID COORDINATES ORIGINATED FROM GPS OBSERVATIONS OF SELECTED STATIONS IN THE OHIO DEPARTMENT OF TRANSPORTATION VIRTUAL REFERENCE STATION NETWORK. THE PORTION OF THE CENTERLINE OF SR 163 HAVING A BEARING OF S 25°47'08" E, IS DESIGNATED THE BASIS OF BEARING FOR THIS SURVEY.

NOTES:

THE EXISTING RIGHT OF WAY WIDTH AND LOCATION OF SR 163 WERE DETERMINED FROM THE OHIO DEPARTMENT OF TRANSPORTATION RIGHT OF WAY PLANS TITLED "OTT-163-31.71" DATED 1956 ON FILE AT THE DISTRICT 2 OFFICE IN BOWLING GREEN.

THE EXISTING RIGHT OF WAY WIDTH AND LOCATION OF COTTAGE COVE DRIVE WERE DETERMINED FROM A SURVEY PLAT TITLED "COTTAGE COVE SUBDIVISION" PLAT VOLUME 43 PAGES 31-32 ON FILE AT THE OTTAWA COUNTY ENGINEERS' OFFICE.

THE PROPOSED R/W SHALL BE REFERENCED FROM THE R/W OF SR 163.

NOTES:

ALL COORDINATES SHOWN ARE PROJECT COORDINATES.

SETTING OF ALL MONUMENTS SHALL BE PERFORMED AND CERTIFIED BY A SURVEYOR REGISTERED IN THE STATE OF OHIO. THE MONUMENT ASSEMBLIES AND REFERENCE MONUMENTS WILL BE INSTALLED BY THE CONTRACTOR AT THE TIME OF CONSTRUCTION. THE IRON PIN AND CAP (WHEN REQUIRED) ARE TO BE INSTALLED BY THE CONTRACTOR'S SURVEYOR.

CHANGES OR ALTERATIONS TO THE LOCATION OF ANY MONUMENTS SHOWN IN THIS TABLE, REQUIRE PRIOR APPROVAL FROM THE DISTRICT REAL ESTATE ADMINISTRATOR OF THE OHIO DEPARTMENT OF TRANSPORTATION. IN THE EVENT THAT CHANGES OR ALTERATIONS ARE APPROVED, A REVISED CENTERLINE PLAT WITH THE NEW LOCATIONS SHALL BE RECORDED IN THE APPLICABLE COUNTY RECORDS AND THE OHIO DEPARTMENT OF TRANSPORTATION. SPECIFICATIONS FOR MONUMENT ASSEMBLIES, REFERENCE MONUMENTS AND RIGHT OF WAY MONUMENTS ARE SHOWN ON STANDARD CONSTRUCTION DRAWING RM-1.1.

POINT	STATION	OFFSET	DESCRIPTION	NORTHING	EASTING
MN1*	PI 2004+59.74	6.23' RT	MAG NAIL WITH SHINER FND	680041.448	1909916.638
MN2*	PI 2009+01.75	9.55' LT	MAG NAIL FND	679606.789	1910005.524
M3	PI 2020+24.03	11.61' LT	MAG NAIL FND	678543.861	1910194.305
MN5	PI 2025+28.47	€	MAG NAIL FND	678041.184	1910247.122
MN15	2015+09.88	22.97' RT	5/8" REBAR FND (CAP NOT LEGIBLE)	678999.210	1909949.438
MN16	2022+79.26	27.39' RT	RR SPIKE FND (BENT)	678285.983	1910189.679

POINT	STATION	OFFSET	DESCRIPTION	NORTHING	EASTING
MN14	8+53.26	0.01' RT	1" I PIN IN CONC MON FND	678495.708	1910045.768

* NOT SHOWN ON PLAT BUT USED TO DETERMINE €

PROPOSED MONUMENT TABLE						
REF	STATION	OFFSET	MON ASSEMBLY	R/W MON EXPECTED TO BE DISTURBED	DESCRIPTION	PROJECT COORDINATES SEE SURVEY CERTIFICATION
A	PT 2015+31.67	€	I	I	MONUMENT TYPE C, RM-1.1	678988.326 1909979.582
B	PC 2018+81.73	€	I	I	MONUMENT TYPE C, RM-1.1	678673.121 1910131.859
C	2020+12.80 10+00.00**	€	I	I	MONUMENT TYPE C, RM-1.1 (€ INT)	678551.308 1910179.908
D	PI 2020+24.03	11.61' LT	I	I	MONUMENT TYPE C, RM-1.1	678543.8607 1910194.305
E	2021+66.34	€	I	I	MONUMENT TYPE C, RM-1.1	678401.467 1910212.522
F	PI 2023+48.70	€	I	I	MONUMENT TYPE C, RM-1.1	678220.585 1910235.663
***	2016+71.00	20.00' LT	I	I	3/4" x 30" REBAR W/ ALUM CAP SET	678876.970 1910055.590
***	2016+71.00	40.00' LT	I	I	3/4" x 30" REBAR W/ ALUM CAP SET	678885.670 1910073.598
***	2016+91.00	40.00' LT	I	I	3/4" x 30" REBAR W/ ALUM CAP SET	678867.662 1910082.298
***	2016+91.00	20.00' LT	I	I	3/4" x 30" REBAR W/ ALUM CAP SET	678858.962 1910064.290
***	2019+85.26	26.25' LT	I	I	3/4" x 30" REBAR W/ ALUM CAP SET	678586.047 1910196.136
***	2019+84.13	36.18' LT	I	I	3/4" x 30" REBAR W/ ALUM CAP SET	678590.397 1910205.141
***	2020+03.16	38.72' LT	I	I	3/4" x 30" REBAR W/ ALUM CAP SET	678572.388 1910213.841
***	2020+04.49	28.81' LT	I	I	3/4" x 30" REBAR W/ ALUM CAP SET	678568.038 1910204.836
TOTALS CARRIED TO GENERAL SUMMARY			6	8		

** € R/W COTTAGE COVE DR *** SEE PLAN SHEETS FOR LOCATIONS

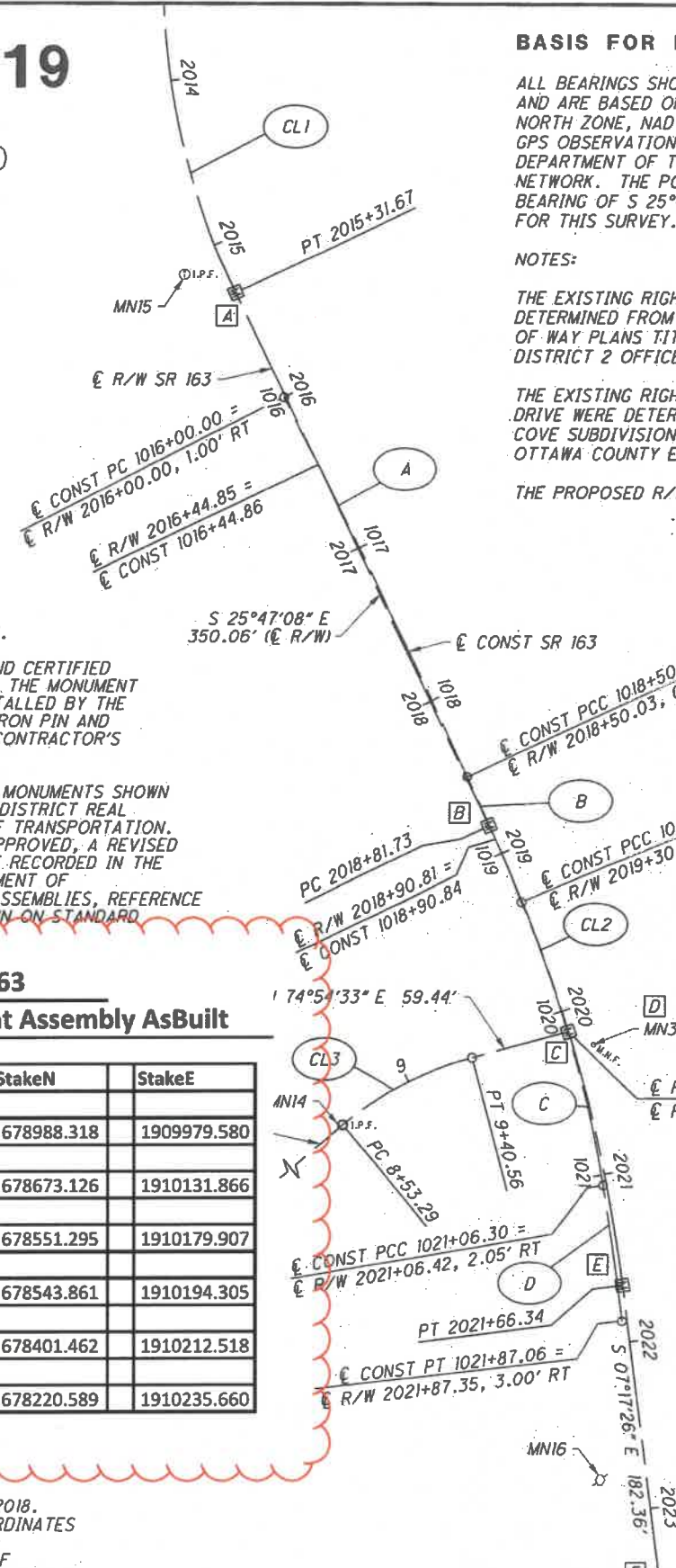
**7389-SR 163
Monument Assembly AsBuilt**

Ref.	StakeN	StakeE
A	678988.318	1909979.580
B	678673.126	1910131.866
C	678551.295	1910179.907
D	678543.861	1910194.305
E	678401.462	1910212.518
F	678220.589	1910235.660

I, R.J. LUMBREZER, P. S. HAVE CONDUCTED A SURVEY OF THE EXISTING CONDITIONS FOR THE OHIO DEPARTMENT OF TRANSPORTATION ON IN APRIL OF 2018. THE RESULTS OF THAT SURVEY ARE CONTAINED HEREIN. THE HORIZONTAL COORDINATES EXPRESSED HEREIN ARE BASED ON THE OHIO STATE PLANE COORDINATE SYSTEM NORTH ZONE ON NAD 83 2011 DATUM. THE PROJECT COORDINATES (US SURVEY FEET) ARE RELATIVE TO STATE PLANE GRID COORDINATES (METERS OR US SURVEY FEET) BY A PROJECT ADJUSTMENT FACTOR OF 1.00000. AS A PART OF THIS PROJECT I HAVE REESTABLISHED THE LOCATIONS OF THE EXISTING PROPERTY LINES AND THE EXISTING CENTERLINE OF RIGHT OF WAY FOR PROPERTY TAKES CONTAINED HEREIN. AS A PART OF THIS PROJECT I HAVE ESTABLISHED THE PROPOSED PROPERTY LINES, CALCULATED THE GROSS TAKE, PRESENT ROADWAY OCCUPIED (PRO), NET TAKE AND NET RESIDUE; AS WELL AS PREPARED THE LEGAL DESCRIPTIONS NECESSARY TO ACQUIRE THE PARCELS AS SHOWN HEREIN. AS A PART OF THIS WORK I HAVE SET RIGHT OF WAY MONUMENTS AT THE PROPERTY CORNERS, PROPERTY LINE INTERSECTION, POINTS ALONG THE RIGHT OF WAY AND/OR ANGLE POINTS ON THE RIGHT OF WAY, SECTION CORNERS AND OTHER POINTS AS SHOWN HEREIN. ALL OF MY WORK CONTAINED HEREIN WAS CONDUCTED IN ACCORDANCE WITH OHIO ADMINISTRATIVE CODE 4733-37 COMMONLY KNOWN AS "MINIMUM STANDARDS FOR BOUNDARY SURVEYS IN THE STATE OF OHIO" UNLESS NOTED. THE WORDS I AND MY AS USED HEREIN ARE TO MEAN EITHER MYSELF OR SOMEONE WORKING UNDER MY DIRECT SUPERVISION.

R.J. LUMBREZER, PROFESSIONAL LAND SURVEYOR 8029

DATE: 6/4/18



MONUMENT LEGEND

- ☐ EXISTING R/W MONUMENT BOX
- ☐ PROPOSED R/W MONUMENT BOX
- EXISTING CONCRETE MONUMENT
- PROPOSED CONCRETE MONUMENT
- ⚡ RAILROAD SPIKE FOUND
- ⚡ RAILROAD SPIKE SET
- IRON PIN FOUND
- IRON PIN FOUND W/ ID CAP
- IRON PIN SET W/ ID CAP
- IRON PIPE FOUND
- IRON PIPE SET
- P.K. NAIL FOUND
- P.K. NAIL SET



SURVEYORS SEAL



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

CENTERLINE PLAT
 PID NO. 108279
 R/W DESIGNER SEA
 R/W REVIEWER R.J.L.
 OTT-163-38.19
 2 / 5
 30 / 34