



Calfee, Halter & Griswold LLP
Attorneys at Law

The Calfee Building
1405 East Sixth Street
Cleveland, Ohio 44114-1607
216.622.8200 **Phone**

jlang@calfee.com
216.622.8563 **Direct**

May 13, 2021

VIA ELECTRONIC FILING

Ms. Tanowa Troupe
Administration/Docketing
Ohio Power Siting Board
180 East Broad Street, 11th Floor
Columbus, Ohio 43215-3793

Re: **Case No: 19-1641-EL-BGN – Condition No. 9**

Dear Ms. Troupe:

Attached hereto please find a copy of the delivery route survey in partial fulfillment of Condition No. 9 of the OPSB's Opinion, Order and Certificate dated September 17, 2020 in the above-captioned matter.

Please contact me if you have any questions.

Sincerely yours,

James F. Lang

Encl.

ROUTE SURVEY

Load Description Boiler Module Order Number _____
 Length: 200' FT. 0 IN. Width: 16 FT. 0 IN. Height: 15 FT. 8 IN.
 Width at top of the load: _____ FT. _____ IN. Height of pole: 16 Ft. 2 IN.
 (Six (6) inches higher than overall height)

Gross Weight _____ 430,000 lbs

Origin OH/IN Line US27 Destination Intersection of John Herrick Dr & Vernon L Sharp Columbus, OH

The following routes have been **physically** surveyed on the following date, 4/24/2021 by:

Triple T Andrew Saxton

 (Company Performing Survey) (Person Performing Survey – Print)

Surveyor Signature: *Andrew Saxton* Phone Number: 330-221-0547

Routing - Attach additional sheets if required.

State Route	Dir	Notes
US27	S	Wire skidders suggested. Surveyed in far right lane, unless noted. Measurements are from top of pole down, which is 6" above load height, unless actual height is noted. -Start at OH/IN line US27. -At line stay left for tree and group of wires. 14" down on pole, clear left. -.2 mile House#212 wire 4" down. Clear in oncoming lane. High Left. -Then stay left for trees. -@ Popular St, wires 7"-8" down. Clear far left. High Left. -.3 mile at house# 317 wires 3" down. -5.3 miles trees, cleared but need to use caution. -In the town of Oxford, at the intersection of W Church St and N College Ave, very difficult right turn. Not sure you can make this turn. Church St measures 43' wide, College Ave measures 41' wide. There is a pole on every corner. The inside turn pole has been previously damaged. Cleared the lights. Cannot use the entire road because the light poles and sign. The sign could be pulled and replaced. See pictures 01- Damage to light pole on inside turn, 01-Turn onto College Ave -1 thru -3, 01-Turn onto College Ave overview. -Trees from the right on College Ave, stay in oncoming lane to avoid. -Left turn from College Ave to High St. College Ave widens some and measures 51', High St measures 65'. See picture 02- College to High St. With an additional 6' or more to each pole on the corners. -Right turn onto Patterson. High measures 37'8", Patterson measures 45'. Road work not active day of survey. See pictures 03- Right turn onto Patterson -1 thru -3.
OH73	E	-Left turn onto OH73. US27 measures 40'11", OH73 measures 47'. On US27 the lights facing away, in the oncoming lanes, are low. The left light measures 16', the right light measures 15'7" and has been damaged before. Can avoid these by staying to the right. See pictures 04- Turn onto OH73 -1 thru -3. -1.1 miles wire 2" down, 8" down in oncoming. High Right. -3.9 miles wire near end of guard rails. 6" down, 2" down in oncoming. High Left.
US127	S	-Right turn onto US127. Pole on inside corner. 3 lanes plus 10 foot shoulders to 3 lanes plus 10 foot shoulders turn. Slight downhill bank on US127. See pictures 05- Turn onto US127 -1 thru -3. -1.6 miles Very small crown at RR tracks. 1-800-946-4744 X-ing 525 193D.

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State Route	Dir	Notes
		-3.3 miles Wire before the Dollar General, 10" down, 7" down in oncoming. May need to lift or slide. High left.
		-3.4 miles Just after green Seven Mile corp limit sign, wire 13" down, clear in oncoming. High left.
		-3.6 miles at Dewey St wire 10" down, clear in oncoming. High Left.
		-Then 100' after, wire 12" down, clear far left. High Left.
		-Just after these wires are wires that are low in oncoming, and clear right. Will be difficult to get back over right to avoid these wires. May need to slide or lift wires. Between Dewey St and Plant Ave. High Right.
		-Before Walnut St will need to go left to avoid wire and tree.
		-Near Ritter St, small trees from right. Will need part of oncoming to avoid. See picture 6- Tree after Spring Rd.
		-Skinny bridge over Cotton Run. Will need to stay right for first wire, then centerline for second wire.
		-After Jacksonburg Rd, 2 wires in a row. Both 2" down.
		-Big tree at Elliot Ave, must use oncoming to avoid. See picture 07- Tree at Elliot Ave.
		-After Miami St at bridge, will need to go left to avoid trees. 08- Trees after Miami St.
		-Will need lane 1 until Hamilton because of trees from right.
		-Small crown in RR tracks after Sycamore. 1-800-232-0144 X-ing 154013C.
		-Near Fitton Ave, wire 4" down then wire 2" down, then wire that is high right. Cars parked on both sides of the street. And trees on the sides of street.
		-Lights at Belle Ave measure from left, 16'6", 16"6", 15'9", 16'4". Avoid low light by using oncoming or Zig Zag thru. See picture 09- Lights at Belle.
		-Before Fairview Ave, trees cannot completely be avoided. Small branches trim or use caution. See picture 10- Trees Fairview Ave.
		-After Weller Ave, group of 3 wires tipped. High Right.
		-Before St Clair Ave, Cannot completely avoid tree. Small branches. Stay right.
		-At Wyoming Ave, heavy black wire. 5" down, 7" down in oncoming. May need to slide or lift. See picture 11- Wire Wyoming Ave.
		-After Shady Lane, Large tree must use oncoming to avoid. Then stay left for wire and second tree. See picture 12- Tree Shady Ln.

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State Route	Dir	Notes
		-At Evalie Dr Trees from right. Then low lights. Lights measure from right, 7" down, 7"-8" down, 10" down, clear far left. Zig Zag thru.
		-At Emerald Lake Dr, heavy black wire. 7"-8" low, clear far left. High Left. -Then at end of guard rail wire 2" down.
		-At Hunter Rd, lights 4" down. Use caution. May be able to go between the lights. -After Cranbrook Dr, wire 6' down. High far right or far left. May need to slide or lift.
I275	E	-I275 ramp on left. -Clear to exit 43B for I75. May need to steer ramp.
I75	N	-Rest area 27mm. ***exit 41 hit last beam in overpass. Measures 16'1 3/4". Use caution. Recommend Ramp OFF/ON. Clear everything in the ramp.***
I675	N	-Clear to exit 43 for I675. Left lane ends in ramp, stay right. ***exit 2 hit last beam (Miamisburg Centerville Rd). Must be in far left lane (lane # 1). From left to right, measure LN#1 16'7", LN#3 16'0", Rt fog line 16'1".*** -Then move back to lane #3. -12mm Cleared temporary overhead cribbing at overpass. -17.4mm Right lane ends, moved to lane #2.
SR235	SE	-Clear to exit 22 for SR235. -2.0 miles wire 6" down, clear in oncoming. High Left. -Then next house wire, 7" down, 2" down in oncoming. High Left. -2.4 miles tree from left 3" down. Use caution. See picture 13- Tree from left SR235.
US68	N	-3.6 miles (3mm) after Hyde Rd wire 10" down, clear oncoming. High Left. -5.8 miles, steep down grade with a turn. -Left onto US68. See picture 14- Turn onto US68 -1 thru -3. -2 miles. Trees from right, go left to avoid. -At Hyde Rd, Caution light 2' down. Use caution. -4.5 miles, small trees from right. Go left to avoid. -Then wire 5" down. (Before Herman St). Use caution. May need to slide or lift. -After Herman St trees from right. Must go left to avoid. -At South College St, Low stop lights use caution. From left measure 6" down, 1' down, 4" down, clear. Then trees after, will need to go left. See picture 15- South College St. -After North College St will need oncoming for trees.

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State Route	Dir	Notes
		-Cars on both sides thru the town of Yellow Springs.
		-At Corry St, stay right to avoid low lights facing away.
		-At Dayton St low power/ground wire. 2" down, 4" down in oncoming. High Right.
OH343	E	-Difficult right turn. US86 measures 37'7", OH343 measure 30'7". Guard rail on right thru turn. Signs on OH343 North side. Not sure you can make this turn. Clear far left light. Second from left light 1" down. See pictures 16- Turn onto OH343 -1 thru -4, 16- Turn onto OH343 overview.
		-Road is 2 lanes no shoulders.
		-At house# 1030 power drop wire. 6" down, clear oncoming. High Left.
		-Trees from right all along road, will need oncoming at times to avoid.
		-At house# 1140 (Public Works), wire 4" down, 1' down in oncoming. High Right.
		-1.4 miles after SR370, wire 1" down.
		-2.5 miles at house# 2198 wire. 4" down, 7" down oncoming. High Right.
		-At house# 2460, just after a bridge hit wire. 5" down, may need to slide or lift. High Right.
SR72	S	-After Jackson St heavy black wire. 4" down, 3" oncoming. High Left.
		-Right turn onto SR72. OH343 measures 36'8", SR72 measures 33'11". Large gravel lot on the left of OH343. Large ditch on the North side of SR72. Pole on inside corner. See pictures 17- Turn onto SR72 -1 thru -3.
		-2 lane road no shoulders.
		-.1mile trees, use caution.
		-2.4 miles large tree branch. Use oncoming to avoid.
		-After College St wire 2" down, 3" oncoming. High Right.
		-Cars parked on both sides thru town. Will need oncoming.
US42	N	-Left turn onto US42. Need to make sure parking spots are blocked, and no cars parked on the sides of the street. Cannot make the turn with cars on the side. This is a tight turn, and will be difficult to make. US42 measures 42'2", OH72 measures 37'9". Pole on the right. Signs may need to be removed and replaced. Left light measures 15'11" but should be able to avoid. Clear right light. See pictures 18- Turn onto US42 -1 thru -3, 18- Turn onto US42 Overview.
		-Will need to go left to avoid a tree.
		-.3 mile at House# 3315 wire 2" down. High Left.
		-1.3 miles 30MPH turn with guard rails on both sides. Need both lanes. May need to steer.
		-10.7 miles group of wires 10" down. Will need to slide or lift.

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Columbus, OH

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State Route	Dir	Notes
		-RR tracks are flat. 1-800-800-3490 X-ing 258 819U.
		-10.9 miles, after the tracks wires are all High left. But trees are from the left. Will need to center and use caution.
		-11.5 miles at house# 10036, power drop wire. 4" down, 1" down in oncoming. High Left.
		-12.4 miles wire 2" down.
		12.5 miles (7mm) at house# 10735 wire. 4" down, clear in oncoming.
		-18.4 miles at house# 28940 power drop wire. 2" down. High Left.
		-19.9 miles wire 2" down.
		-21.7 miles at Cherry St RR tracks with large crown. It has drag marks on the road. Most likely will need to raise trailer to get over. Overhead arms measure 18'8". Tracks raise 2'3" over 94', then drop 3'3" over 91'. If you're going to cross these tracks, I suggest scheduling with the RR company. See pictures 19- RR tracks US42 -1 thru -4. 1-800-946-4744 X-ing 527 996S.
		-At Walnut St (in London) lights are over 1' low. Zig Zag thru, or possibly avoid far right.
		-Then Left to follow US42, possible steer.
		-Travel .2 mile then right to follow US42, possible steer. May need oncoming lanes.
		-At House# 168 wire 6" down in London. Clear in oncoming. High Left
		-At house# 172 wire 1' down. Clear in oncoming. High Left
		-At house# 174 wire 1' down. Clear in oncoming. High Left
		-Then use caution for trees. Small branches.
		-Before Cambridge Dr wire 4" down, clear left. High Left.
		-At US42 and I70 truck stops before and after.
		-Before OH161, after Converse Huff Rd, wire 4" down, clear left. High Left.
		-At house# 10635 (.9 mile before OH161) wire 1" down. High right.
OH161	E	-Right turn, will need all lanes. Slight cutback turn. 4 lanes to 3 lanes. See pictures 20- Turn onto OH161 -1 thru -3.
		-At Foster Ave heavy black wire. 5" down, clear oncoming. High left.
		-Cars parked on the side thru town.
		-After Church St, will need to go left for tree. Watch the wires tat are high right.
		-Crown in RR tracks approximately almost 1'. A few drag marks, may need to raise trailer. Before Kile Warner Rd. 1-800-232-0144 X-ing 513 306X.

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State Route	Dir	Notes
		*Wrong way at Cosgray Rd. Lights are 14" low in travel lane. Clear in oncoming lane. Lights have been damaged before. See picture 21- lights at Cosgray Rd.
US33	E	-Straight at round about. 2 lanes thru. 2 round abouts in a row, both the same. Right turn onto US33.
		-108mm move to lane# 2. Right 2 lanes exit only.
		-Watch the arches on overpass at exit 108.
		-Will need 2 lanes over I270.
OH161	E	-Before High School Rd, go left to avoid tree. Then small trees from right.
		-2 lanes thru round about. Straight for OH161.
		-Will need to avoid trees from right, use lane# 1.
		State survey form ends at Sawmill Rd.
		----- Routes may change from here.
		-At Sawmill Place Blvd lights. 6" down right light, 14" down left light, clear in oncoming.
		-Reduces to 2 lanes limited shoulder.
		-Trees to avoid.
		-RR tracks after Answorth Dr. Significant crown in tracks.
		1'6" rise over 49', 3'7" drop over 123'. 2 sets of tracks. No noticeable drag marks.
		Overhead lights are 17'7". May have difficulty getting over. May need to raise trailer. See pictures 22- RR tracks Answorth Dr -1 thru -3.
		1-800-232-0144 X-ing 228 641R.
		-Wire after Bellbrook Pl at house# 1975. 3" down, 1' down oncoming. High Right.
OH315	S	-Road is narrow, will need part of oncoming often to avoid objects.
[Bethel Rd]	W	-Right for OH315. Clear to exit 8.
		-Will need to go over flexible traffic sticks to make right turn. Most are already damaged. See pictures 23- Bethel Rd -1 thru -3.
[Olentang River Rd]	S	-Left turn onto Oletang River Rd. Cutback turn. 4 lanes to 4 lanes.
		-Reduces to 2 lane road.
		-300' before ramp, wire 7" down in left turn lane. Clear right. High right.
		-Left turn onto ramp. May need to steer.
OH315	S	-Stop lights at end of ramp.
		Clear to exit 6. Use 6B in ramp.
[Olentang River Rd]	S	-Left turn at end of ramp.

This foregoing document was electronically filed with the Public Utilities

Commission of Ohio Docketing Information System on

5/13/2021 11:15:47 AM

in

Case No(s). 19-1641-EL-BGN

Summary: Notice of Filing Delivery Route Survey - Condition No. 9 electronically filed by Mr. James F Lang on behalf of The Ohio State University