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March 9, 2017

Via Electronic Filing

Ms. Barcy McNeal
Public Utilities Commission of Ohio
Administration/Docketing
180 East Broad Street, 11th Floor
Columbus, OH 43215-3793

**Re: Hog Creek Wind Farm LLC,
Case Nos. 10-654-EL-BGN, 16-1422-EL-BGA and 16-1423-EL-BGA**

Dear Ms. McNeal:

On November 29, 2016, the OPSB issued an Order on Certificate approving Hog Creek Wind Farm, LLC's ("Hog Creek") applications to amend its Hog Creek I Certificate (Case No. 09-277-EL-BGN) and Hog Creek II Certificate (Case No. 10-654-EL-BGN) subject to the conditions set forth in the Stipulation and continued compliance with the conditions set forth in the certificate orders as later amended (Order on Certificate at 9).

Within these sets of conditions, Hog Creek II Certificate **Condition No. 36** requires that:

Hog Creek shall provide the final delivery route plan and the results of any traffic studies to staff and to the Hardin County Engineer 30 days prior to the preconstruction conference. Hog Creek shall complete a study on the final equipment delivery route to determine what improvements will be needed in order to transport equipment to the wind turbine construction sites. Hog Creek shall make all improvements outlined in the final delivery route plan prior to equipment and wind turbine delivery.

In compliance with Condition No. 36, attached is a copy of the Hog Creek Wind Project Route for Kenton (Attachment 1) and VanWert (Attachment2).

If you have any questions please call at the number listed above.

Sincerely,

Sally W. Bloomfield

Attachments

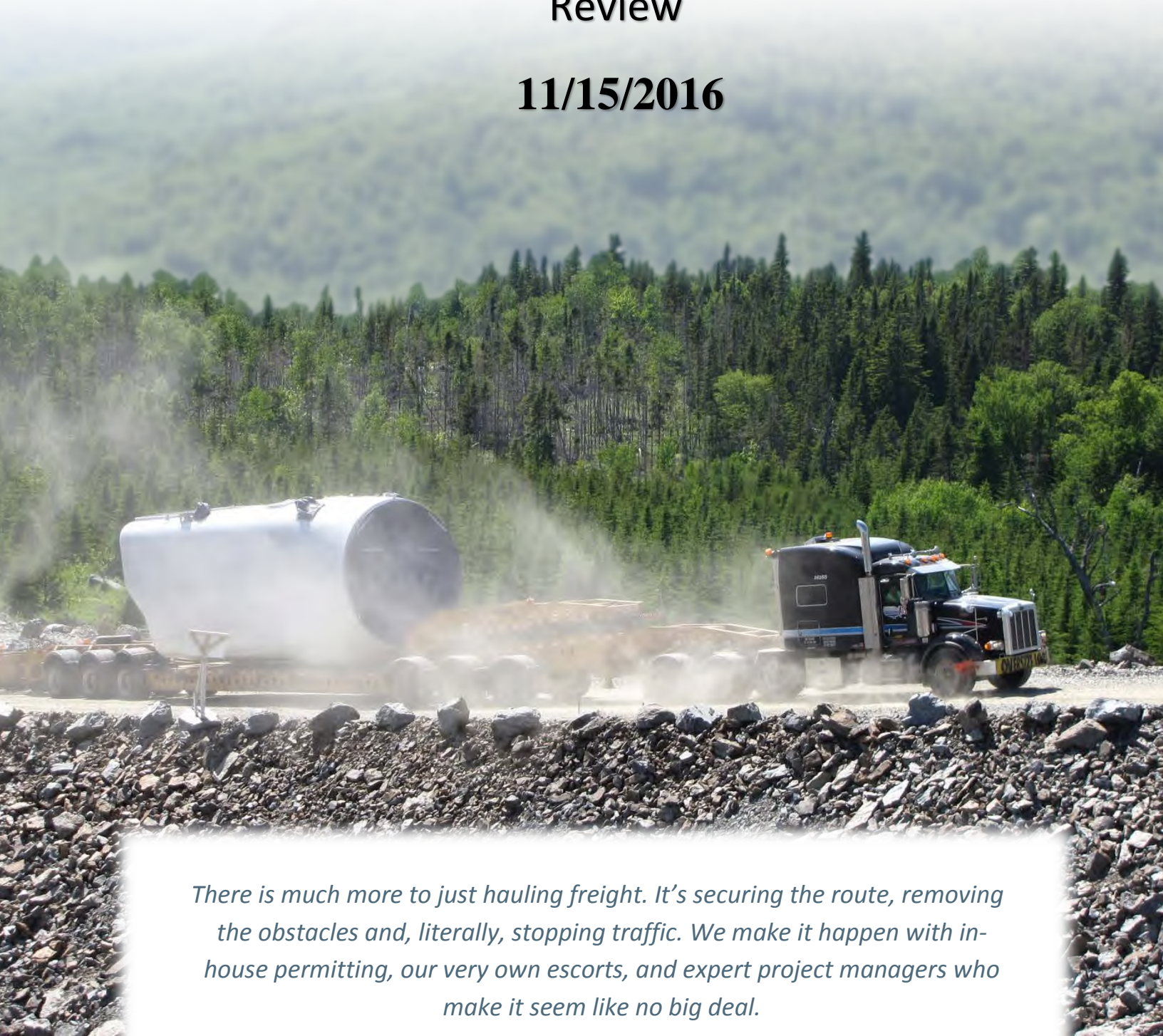
cc: Andrew Conway (w/Attachments)
Jonathan Pawley (w/Attachments)



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Hog Creek (Kenton, OH) Wind Project Route Review 11/15/2016



There is much more to just hauling freight. It's securing the route, removing the obstacles and, literally, stopping traffic. We make it happen with in-house permitting, our very own escorts, and expert project managers who make it seem like no big deal.



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Purpose

To perform a detailed study for the transportation of wind turbine components from Kenton.

Goal: To assess and determine that the routes leading to site are adequate to support cargo of determined sizes.

1. **Route Survey** – Checking for 3 key areas of road transport are cornering, grade, and visual limitations on roads (i.e. Bridges, wires, trees, and other obstructions, etc.) Confirmation of a clear route (dimensionally) will be completed by an ATS representative. A visual inspection of bridges and culverts will be completed but will not be an engineered assessment. Permit applications have been submitted to the State of Ohio. & Hardin County under “today’s” conditions.
2. **Equipment Study** – At certain sites, the equipment to transport large equipment over the road is not acceptable to get to the unloading point. If this is determined to be the case, an alternate plan to utilize proper equipment will be presented. If certain routes to the site need specific equipment due to certain obstructions, it will be identified in this survey.
3. **Site Study** – The scope of this survey will end at the county roads leading to the site entrance.

Project Description

Customer	Vestas
Project Name	Hog Creek Wind Project
Project Location	Dunkirk, Ohio.
Contractor Name	TBD
Type of Turbine	Vestas V110
Quantity of Turbines	TBD
Receiving Hours	TBD
Project Deliveries Start Date	TBD

Review Starting Point

Rail yards located in Kenton



Project Overview

ATS has reviewed first hand each segment of the primary routing within this document. Approvals with the State of Ohio. & Hardin County are pending.

From 11-5-16 through 11-6-16 Richard Hollis from ATS physically reviewed the proposed transport route and collaborated on the route improvements outlined in this document.

The route review beginning on page #7 shows the entire route detail along with noted areas of improvement. These improvements are based upon ATS equipment and transportation methods.

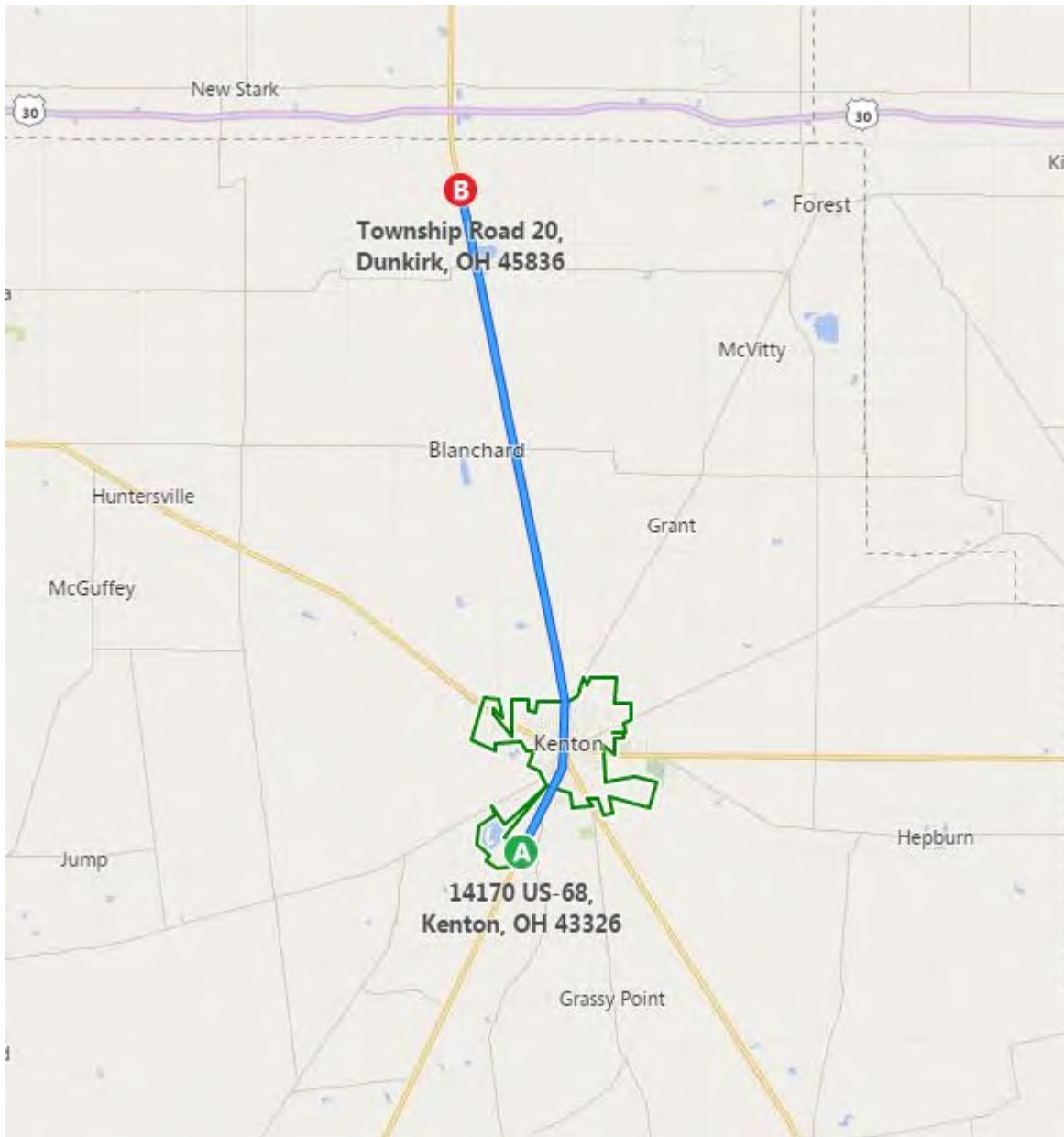
Attendees	Company	Contact Information
Richard Hollis	ATS	Contact Matt Fourre 320-258-8003

Review Summary

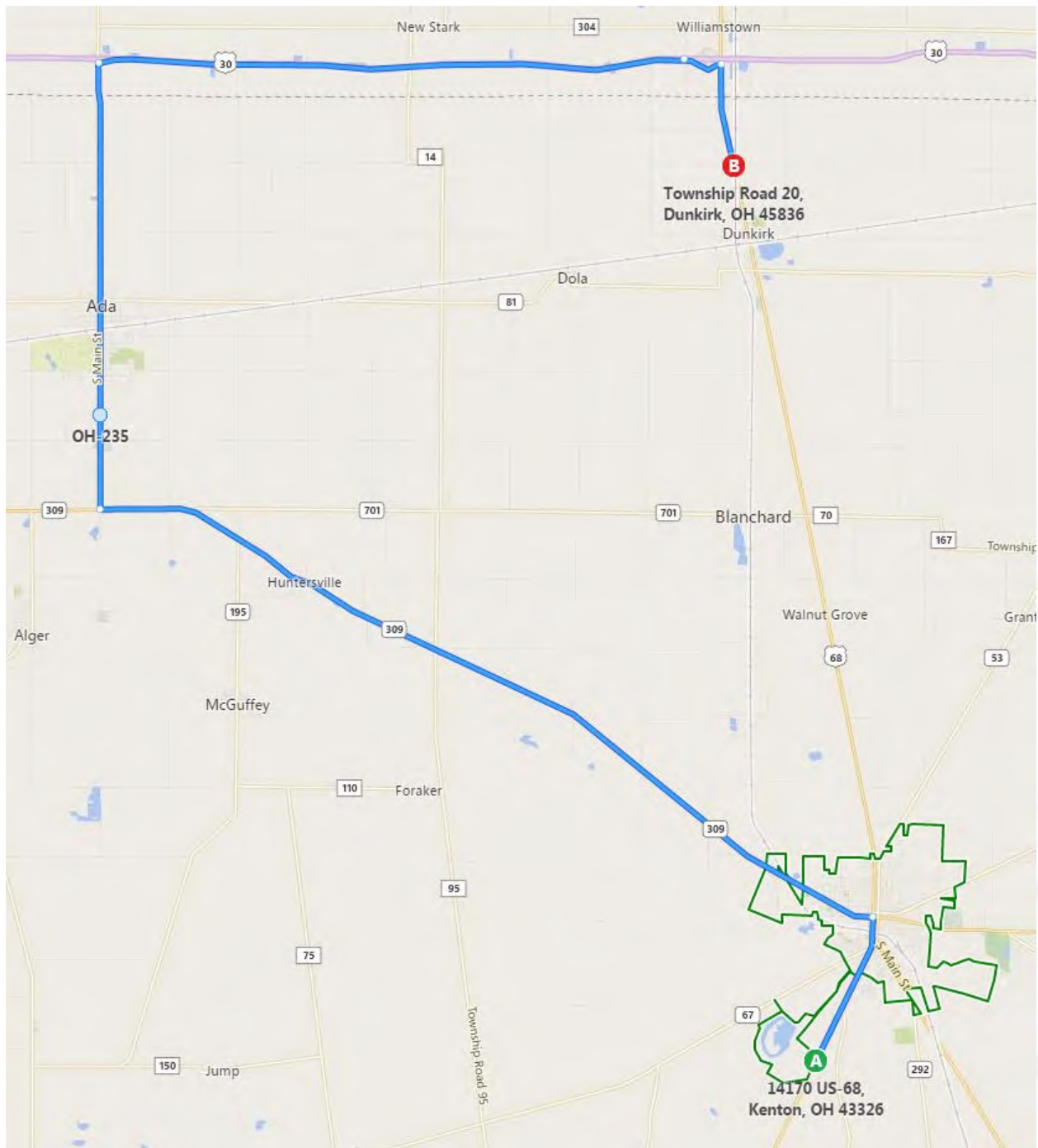
1. At the time of this review, test transport permits have been ordered from the State of Ohio. & Hardin County. A compilation of worst case dimensions and weights was used to insure the proposed route will be suitable for transport.
2. Roads from both yards were surveyed at 15' 10" vertical clearance for WECs. Road width requirements will also need to be met; a minimum of 16' usable road width is required for straight-line travel.
3. There are bridges that will be crossed in or near the project site. ATS will need confirmation the structures are approved and will support loaded transports. ATS did not order any permits within the project boundary or off of the main delivery route and assumes that these will be covered in local road use agreements.



Travel Maps



Map 1: Blade & Hub route from Kenton to Hog Creek Wind Project in Dunkirk, Ohio. 13.4 Miles



Map 2: Tower & Nacelle route Kenton to Hog Creek Wind Project in Dunkirk, Ohio. 32.6 miles

**Preferred Route of Travel for Blades from Kenton, OH to Site**

WEC Transport Route	Direction of Travel	Improvements Needed	Miles
US 68	North	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	13.4

Preferred Route of Travel for Towers from Kenton, OH to Site

WEC Transport Route	Direction of Travel	Improvements Needed	Miles
US 68	North	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	0.8
SR 309	West	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	0.4
SR 235	North	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	6.4
US 30	East	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	0.1
US 68	South	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	4.2

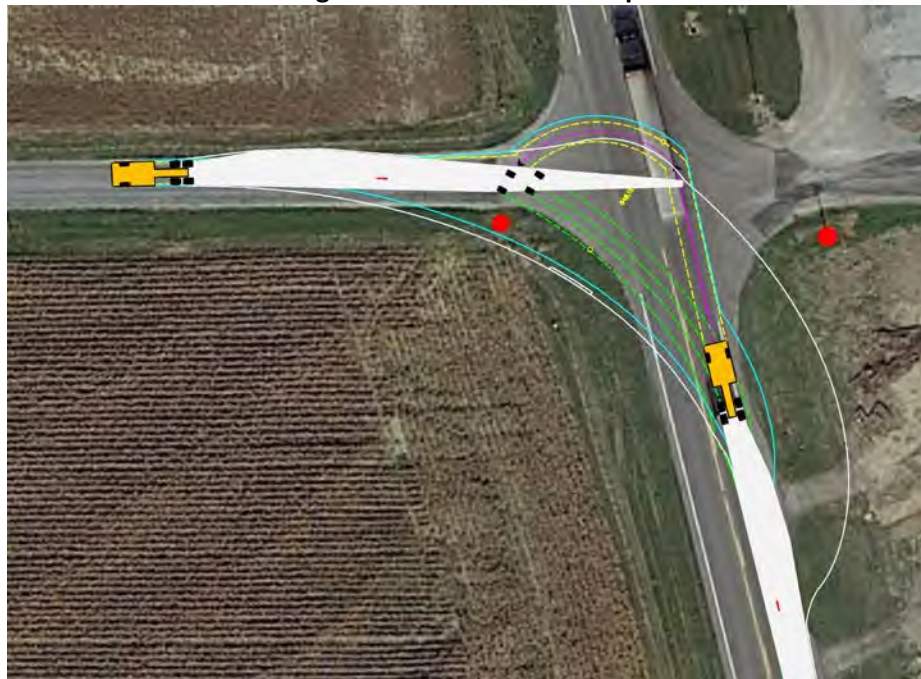


Route Review

Blades

US 68 N (Miles on this road: 13.6)

- OR 1.9 Railroad tracks, small crown. DOT# 261589Y. Phone (800) 232-0144
- OR 2.1 **Low lights, 15-8 over the left lane. Stay right to clear.**
- OR 2.4 Railroad tracks, small crown. DOT# 513766A. Phone (800) 232-0144
- OR 3.6 Low wire, clear in oncoming lane.
- OR 12.5 Railroad tracks, small crown. DOT# 532633B. Phone (800) 946-4744
- OR 12.9 Low wire, clear in oncoming lane.
- OR 13.5 Railroad tracks, rough. DOT# 513748C. Phone (800) 232-0144
- OR 13.6 LEFT TURN on CR 20 W. **Sign removal and radius improvements needed.**





Towers & Nacelles

US 68 N (Miles on this road: 2.6)

- OR 0.0 LEFT TURN out of the railyard. Wide radius, no issues.



- OR 1.9 **TOWER UP for RAILROAD TRACKS.** DOT# 261589Y. Phone (800) 232-0144
- OR 2.1 **Low hanging lights, 15-8. Center up between them.**
- OR 2.4 **TOWER UP for RAILROAD TRACKS.** DOT# 513766A. Phone (800) 232-0144



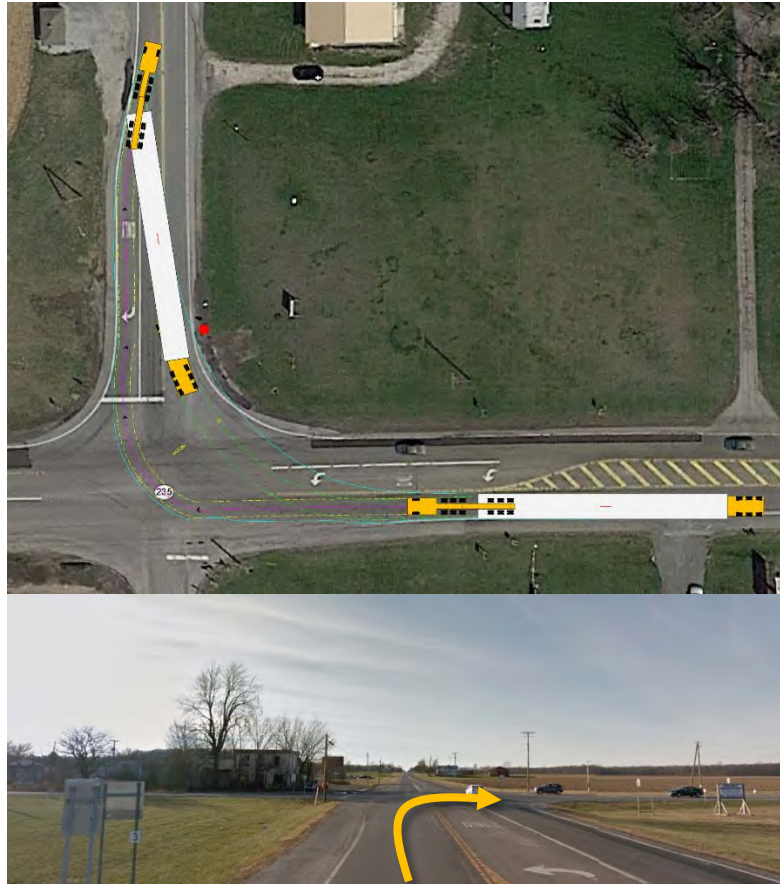
- OR 2.6 LEFT TURN for OH 309 W. Remove\relocate highway sign on the southwest corner. Need to create no parking zones on the east and north side of the intersection.





OH 309 W (Miles on this road: 12.8)

- OR 12.8 RIGHT TURN FOR OH 235 N, 3x3 lanes, no issues.



OH 235 N (Miles on this road: 6.4)

- OR 1.6 Low wire, clear in oncoming lane
- OR 1.8 Low tree limbs – **MUST BE TRIMMED, 15-3 HIGH.**
- OR 2.0 **TOWER UP for RAILROAD TRACKS.** DOT# 532679J. Phone (800) 946-4744
- OR 3.0 LOW WIRE, Clear in oncoming lane.



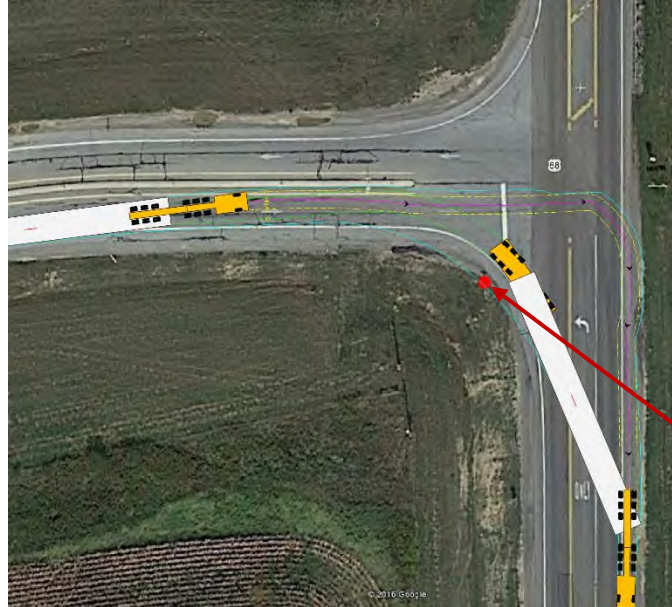
- OR 6.4 RIGHT TURN ONTO US 30 E, **MUST REMOVE GUARDRAIL ON THE SOUTHEAST CORNER.**





US 30 E (Miles on this road: 9.0)

- OR 8.4 EXIT FOR US 68 S
- OR 9.0 RIGHT TURN FOR US 68 N, relocate stop sign on the right.



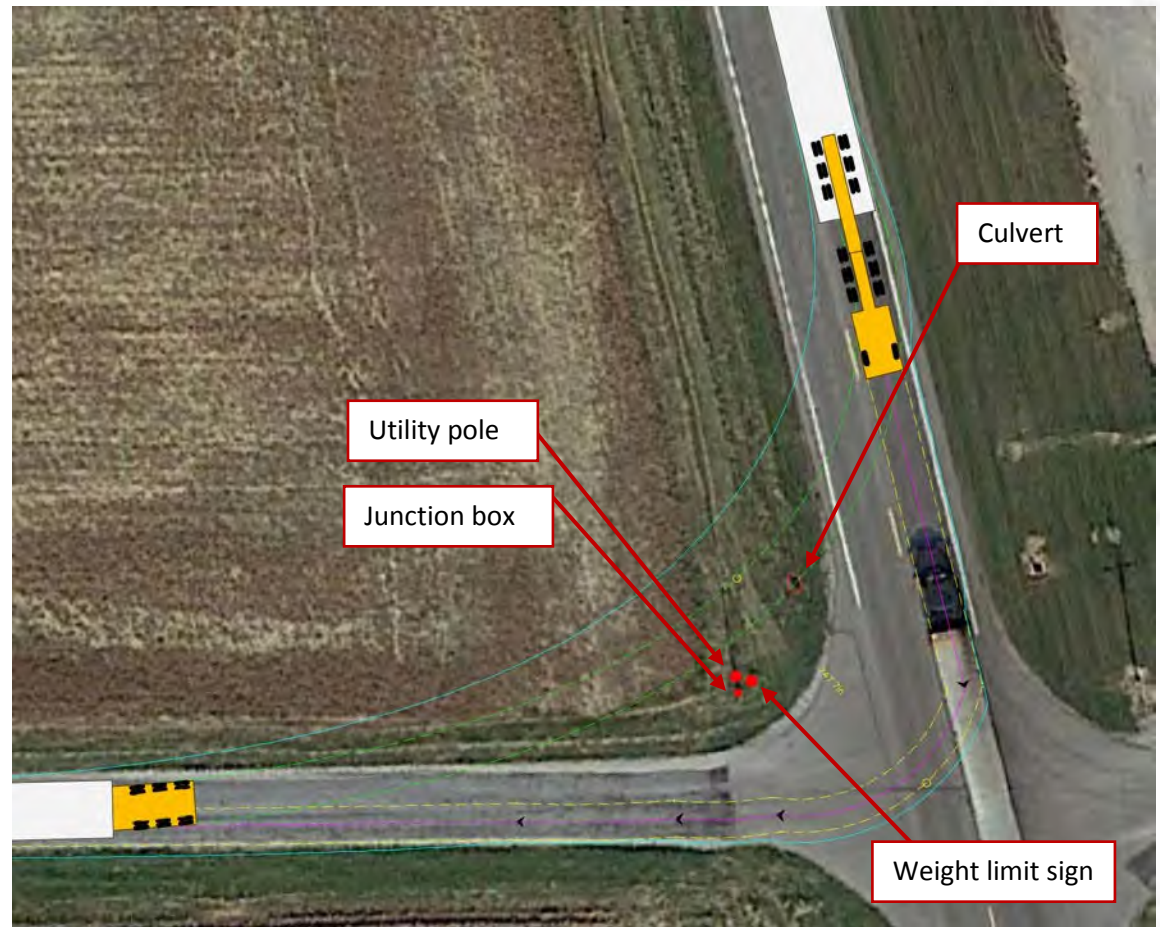
Remove\relocate stop sign





US 68 S (Miles on this road: 3.0)

- OR 3.0 RIGHT TURN on CR 20 W. End of route survey. Radius improvement needed. Remove pole





State Transport Permit Information

State	State Information
Ohio	http://www.dot.state.oh.us/pages/home.aspx http://www.dot.state.oh.us/Divisions/Operations/Maintenance/Permits/Pages/default.aspx



Comments

1. The routing from each location is subject to change at any point as required by the state of Ohio.

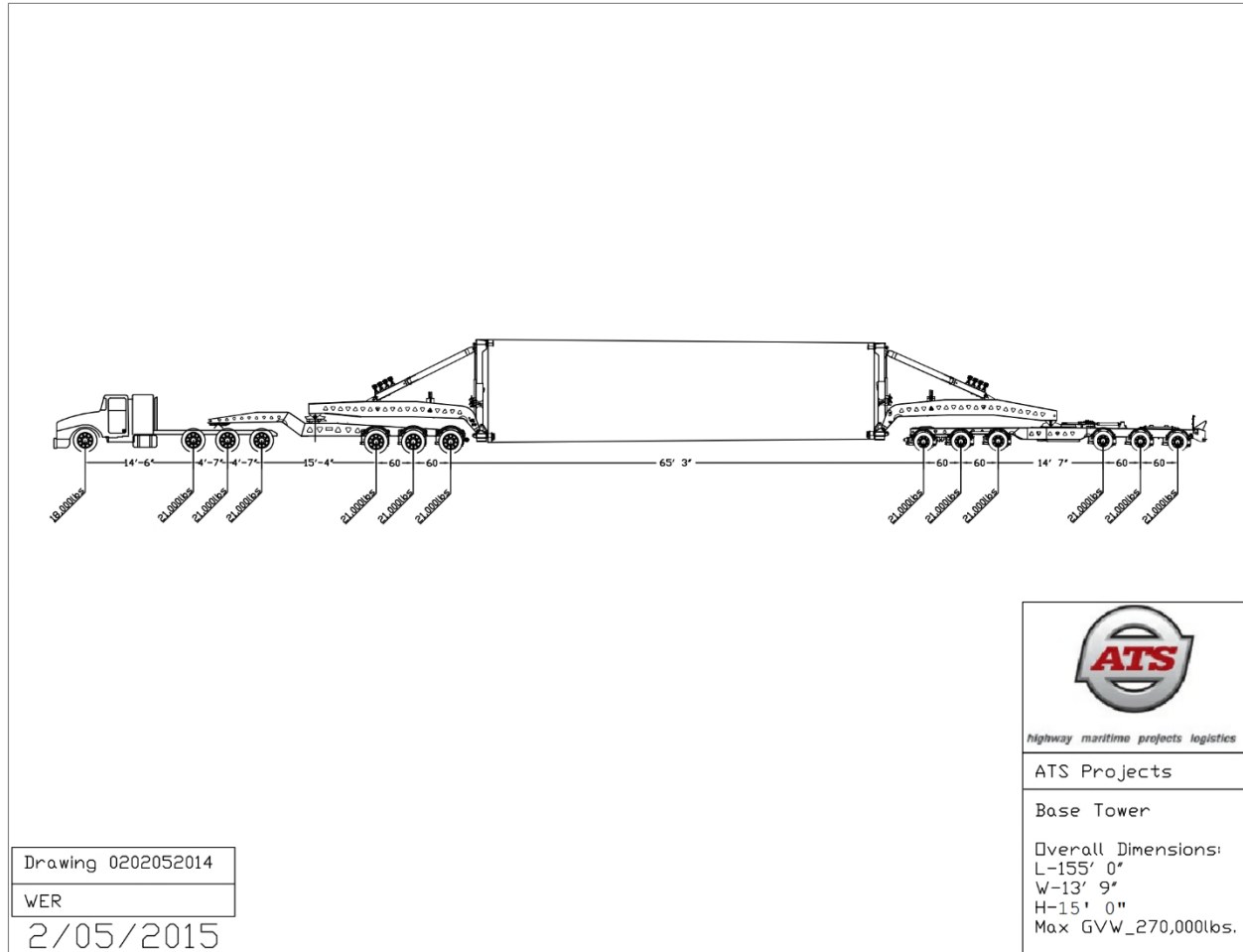
ATS Specialized, Inc. (ATS) has exercised due and customary care in conducting this project route review and has not, save as specifically stated, independently verified information provided by others. No other warranty, express or implied is made in relation to the conduct of the review or the contents of this report. Therefore, ATS assumes no liability for any loss resulting from errors, omissions, or misrepresentations made by others. This review has been prepared at the request of Vestas. The use of this report is unauthorized by third parties without written authorization of ATS and shall be at their own risk, and ATS accepts no duty of care to any such third party.

Any recommendations, opinions or findings stated in the review are based on circumstances and facts as they existed at the time ATS performed the work. Any changes in circumstances and facts upon which this review may adversely affect any recommendations, opinions or findings contained in this report.

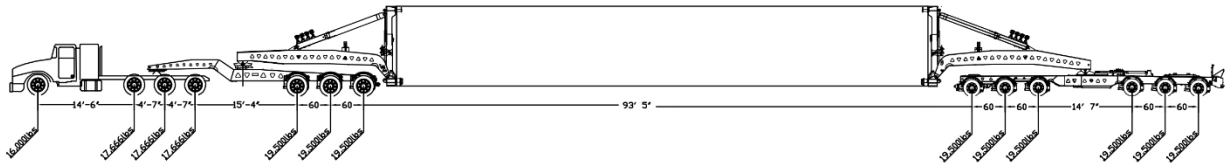


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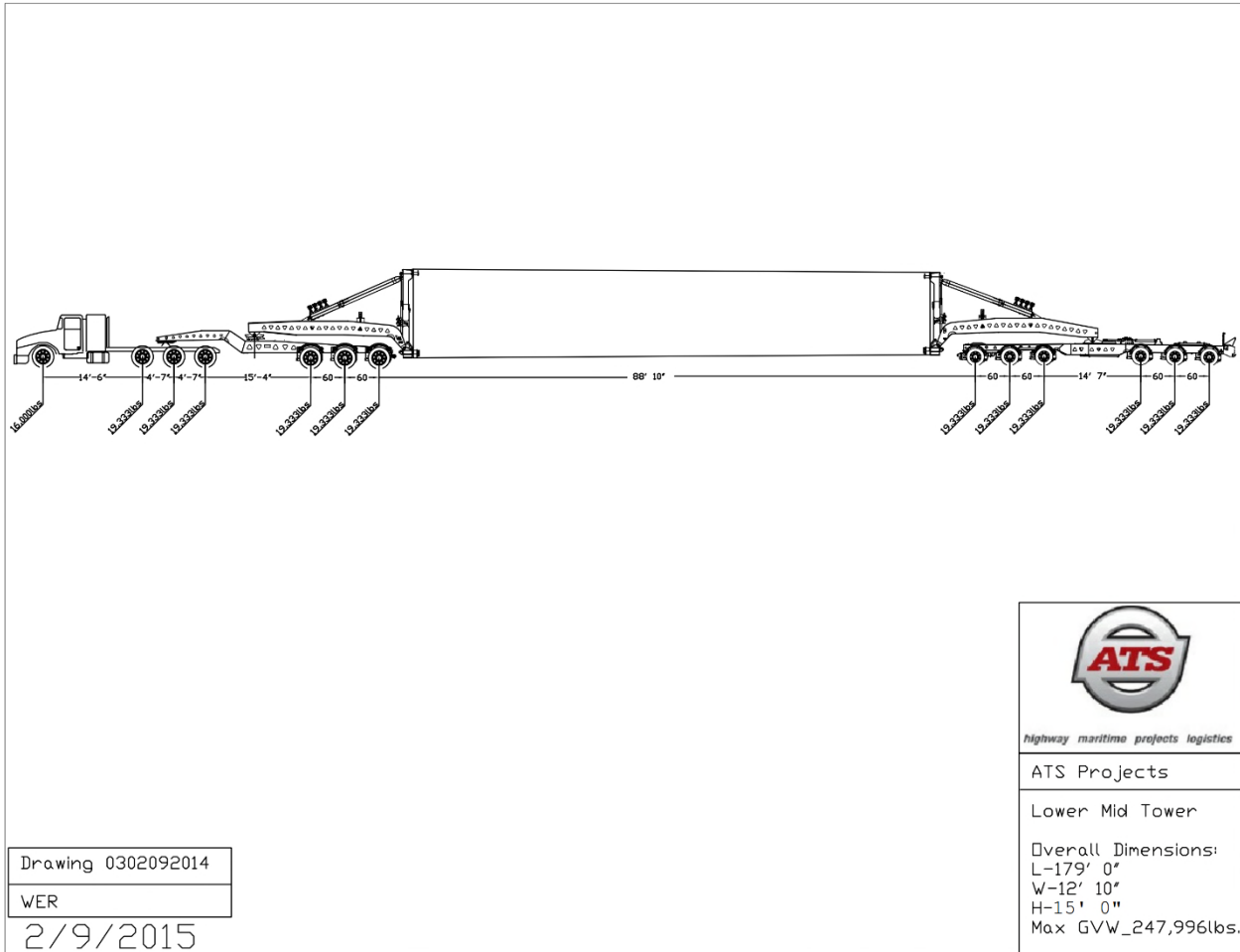
Commodity 1: Base



Drawing 0402102014
WER
2/10/2015

 highway maritime projects logistics
ATS Projects
Upper Mid Tower
Overall Dimensions: L-185' 0" W-12' 10" H-15' 0" Max GVW_185,998lbs.

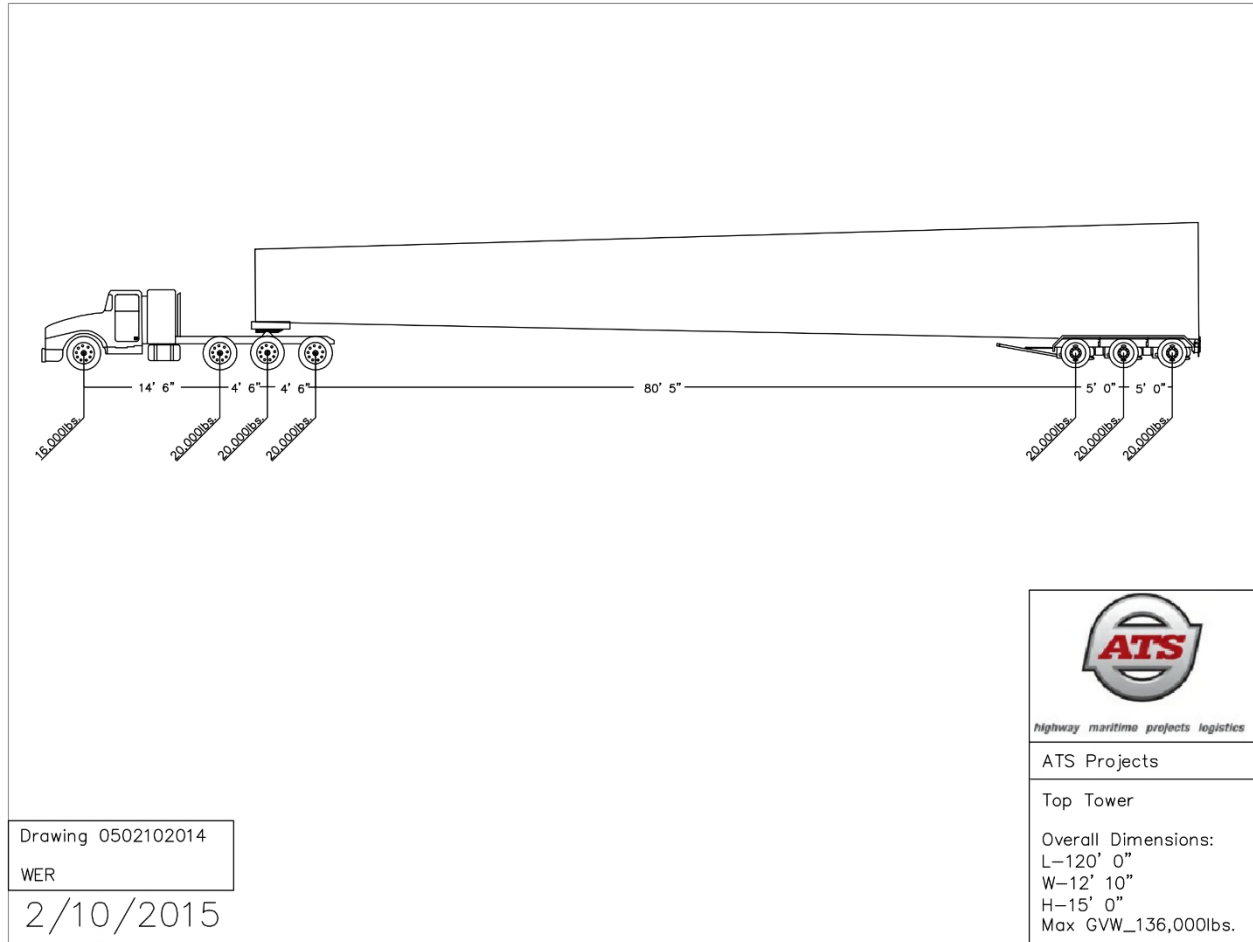
Commodity 2: Upper Mid



Commodity 3: Lower Mid

Conclusion

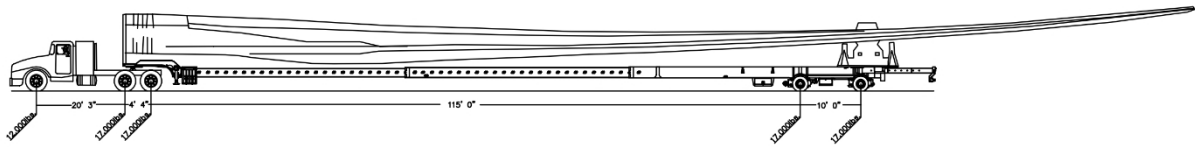
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Commodity 4: Top

Conclusion

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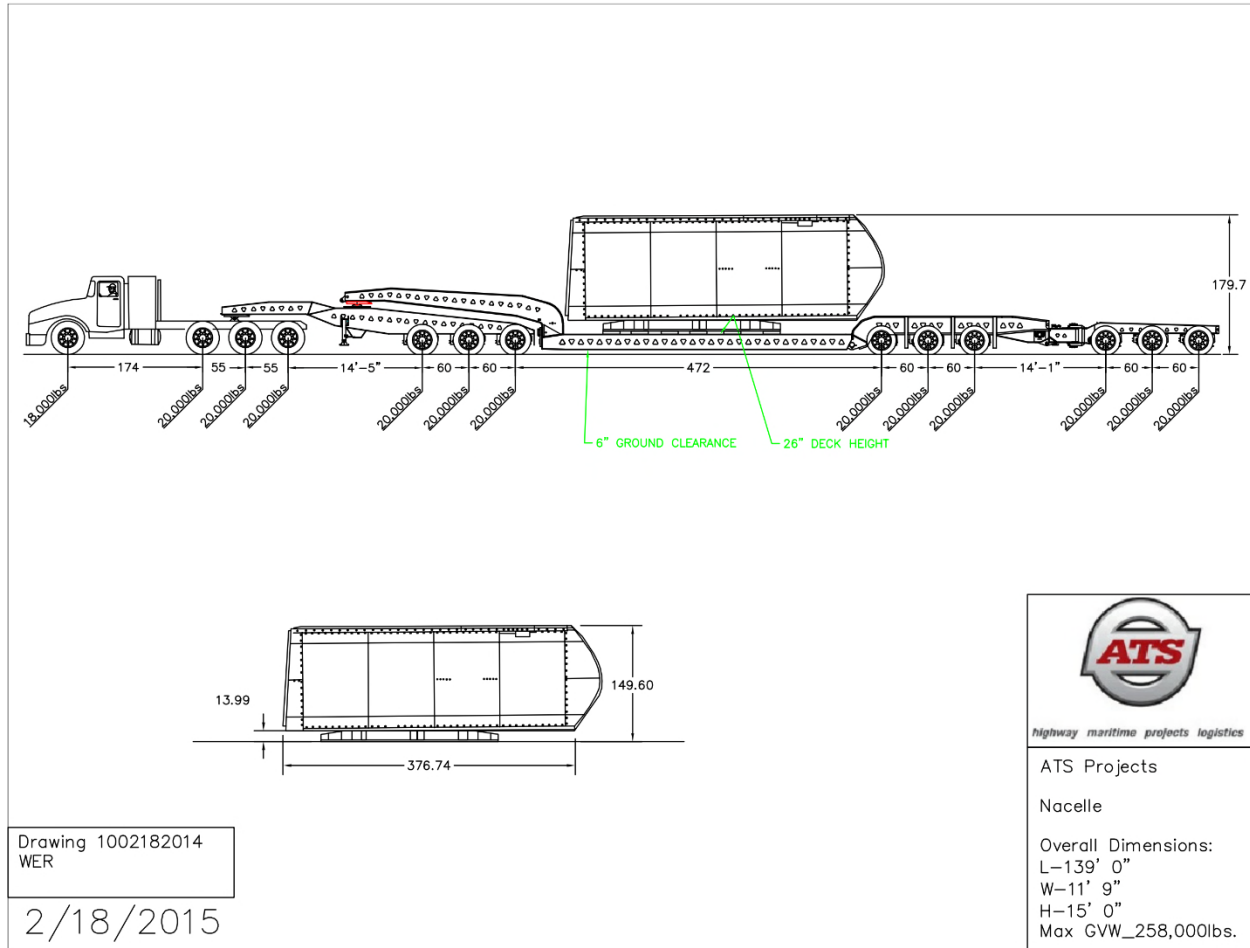


Drawing 0102052014
WER
2/5/2015

 highway maritime projects logistics
ATS Projects
V110 Blade
Overall Dimmisions: L-205' 0" W-13' 4" H-14' 6" Max GVW_80,000lbs.

Commodity 5: 54M Blade

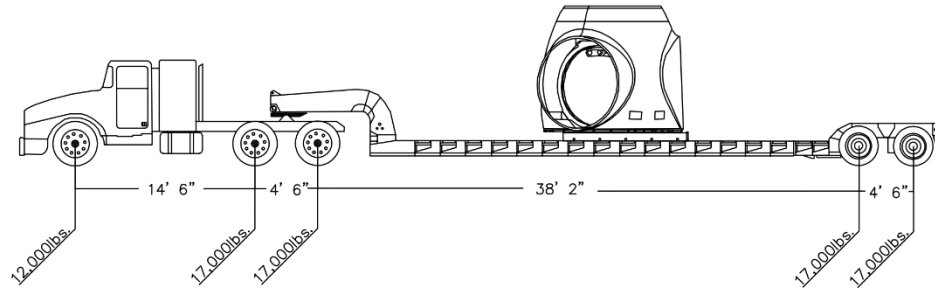
Conclusion



Commodity 6: Nacelle

Conclusion

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Drawing 0602102014

WER

2/10/2015



highway maritime projects logistics

ATS Projects

HUB

Overall Dimensions:

L-78' 0"

W-11' 11"

H-13' 6"

Max GVW_80,000lbs.

Commodity 7: Hub

Conclusion

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Hog Creek (Van Wert, OH) Wind Project Route Review 11/15/2016



There is much more to just hauling freight. It's securing the route, removing the obstacles and, literally, stopping traffic. We make it happen with in-house permitting, our very own escorts, and expert project managers who make it seem like no big deal.



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Purpose

To perform a detailed study for the transportation of wind turbine components from Van Wert.

Goal: To assess and determine that the routes leading to site are adequate to support cargo of determined sizes.

1. **Route Survey** – Checking for 3 key areas of road transport are cornering, grade, and visual limitations on roads (i.e. Bridges, wires, trees, and other obstructions, etc.) Confirmation of a clear route (dimensionally) will be completed by an ATS representative. A visual inspection of bridges and culverts will be completed but will not be an engineered assessment. Permit applications have been submitted to the State of Ohio. & Hardin County under “today’s” conditions.
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Project Description

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Project Name	Hog Creek Wind Project
Project Location	Dunkirk, Ohio.
Contractor Name	TBD
Type of Turbine	Vestas V110
Quantity of Turbines	TBD
Receiving Hours	TBD
Project Deliveries Start Date	TBD

Review Starting Point

Rail yard located in Van Wert



Project Overview

ATS has reviewed first hand each segment of the primary routing within this document. Approvals with the State of Ohio. & Hardin County are pending.

From 11-5-16 through 11-6-16 Richard Hollis from ATS physically reviewed the proposed transport route and collaborated on the route improvements outlined in this document.

The route review beginning on page #6 shows the entire route detail along with noted areas of improvement. These improvements are based upon ATS equipment and transportation methods.

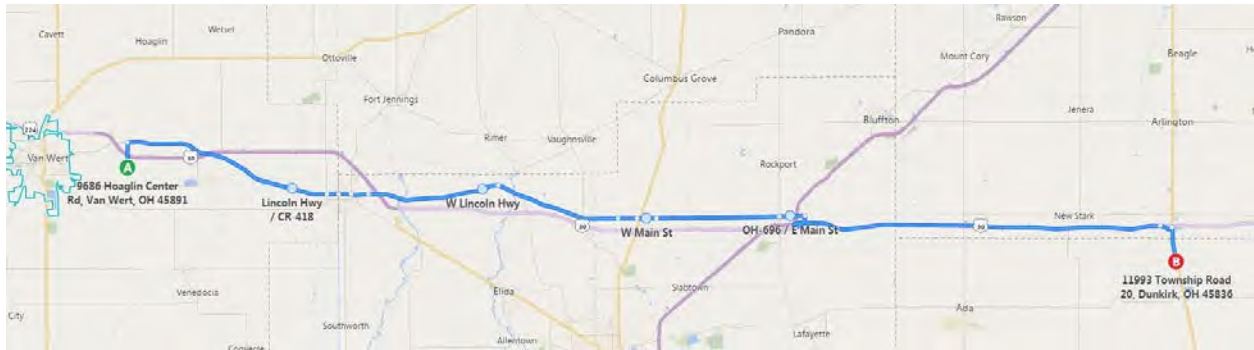
Attendees	Company	Contact Information
Richard Hollis	ATS	Contact Matt Fourre 320-258-8003

Review Summary

1. At the time of this review, test transport permits have been ordered from the State of Ohio. & Hardin County. A compilation of worst case dimensions and weights was used to insure the proposed route will be suitable for transport.
2. Roads from both yards were surveyed at 15' 10" vertical clearance for WECs. Road width requirements will also need to be met; a minimum of 16' usable road width is required for straight-line travel.
3. There are bridges that will be crossed in or near the project site. ATS will need confirmation the structures are approved and will support loaded transports. ATS did not order any permits within the project boundary or off of the main delivery route and assumes that these will be covered in local road use agreements.



Travel Maps



Map 1: Preferred route from Van Wert to Hog Creek Wind Project in Dunkirk, Ohio. 50.2 miles

**Preferred Route of Travel for WEC's from Van Wert, OH to Site**

WEC Transport Route	Direction of Travel	Improvements Needed	Miles
CR 5	North	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1.0
Lincoln Hwy	East	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	29
OH 696	East	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	1.9
US 30	East	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	16
US 68	South	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	4.2

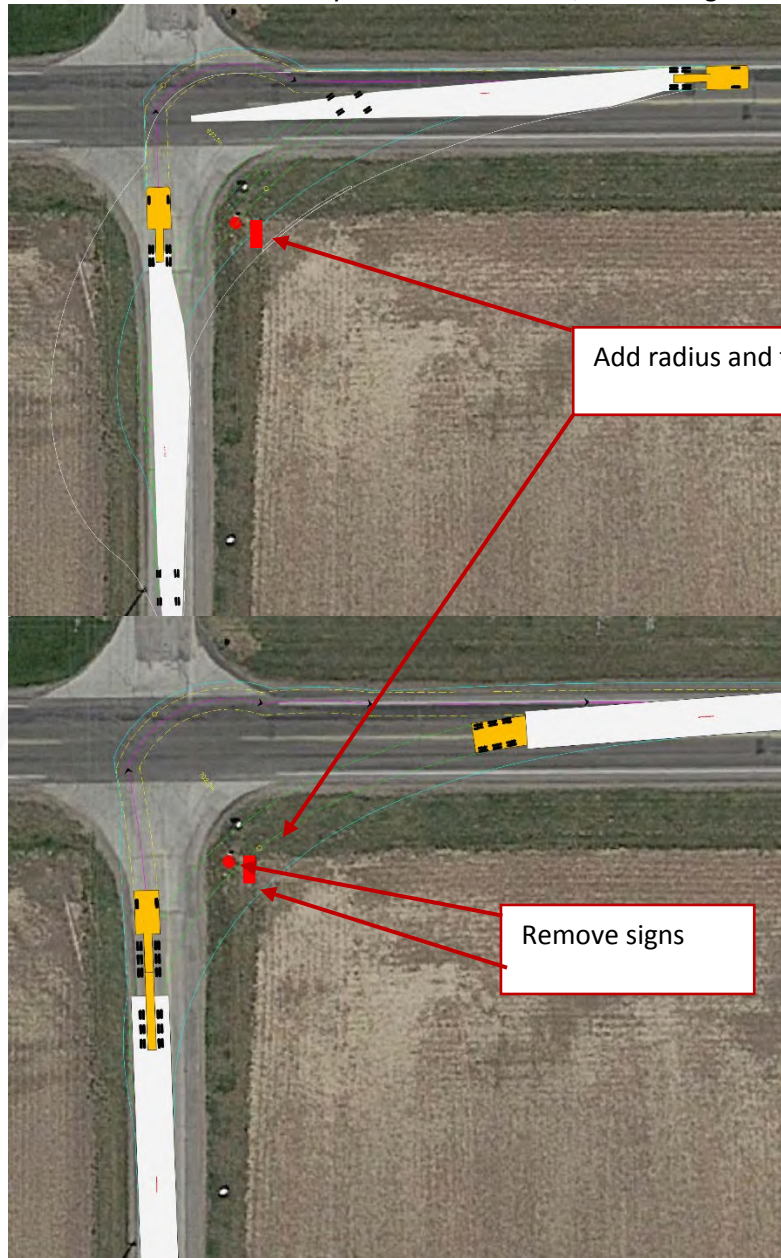


Route Review

Van Wert, OH to Site

CR 5 (Miles on this road: 1.0)

- OR 0.2 Narrow bridge
- OR 0.4 Narrow bridge
- OR 1.0 RIGHT TURN on Lincoln Hwy. Add radius and fill, remove signs on the southeast corner.





Lincoln Hwy E (Miles on this road: 29.0)

- OR 22.9 **TOWER UP for Hump in the road.**
- OR 23.4 **TOWER UP for Railroad tracks.** Railroad tracks, small crown. DOT# 155699V. Phone (800) 232-0144
- OR 28.8 **TOWER UP for Railroad tracks.** DOT 476885G Phone 800-453-2530
- OR 29.0 Continue Straight on OH 696 E

OH 696 E (Miles on this road: 0.4)

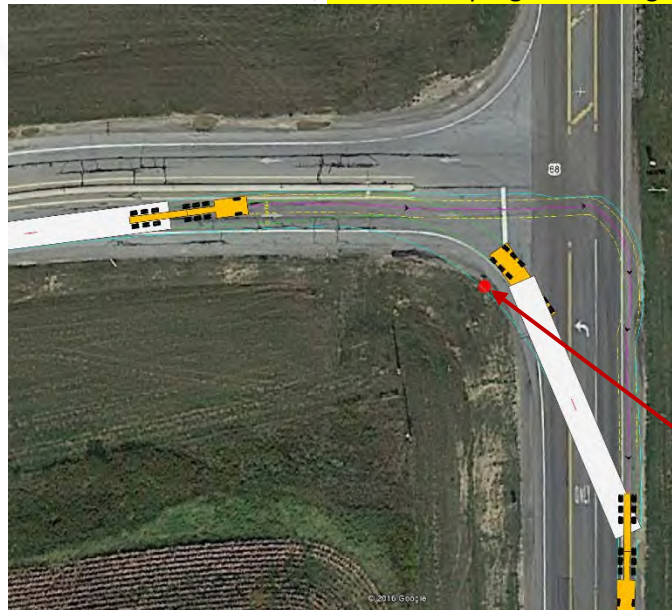
- OR 0.4 RIGHT TURN ONTO US 30 E, 4x4 lanes, no issues.



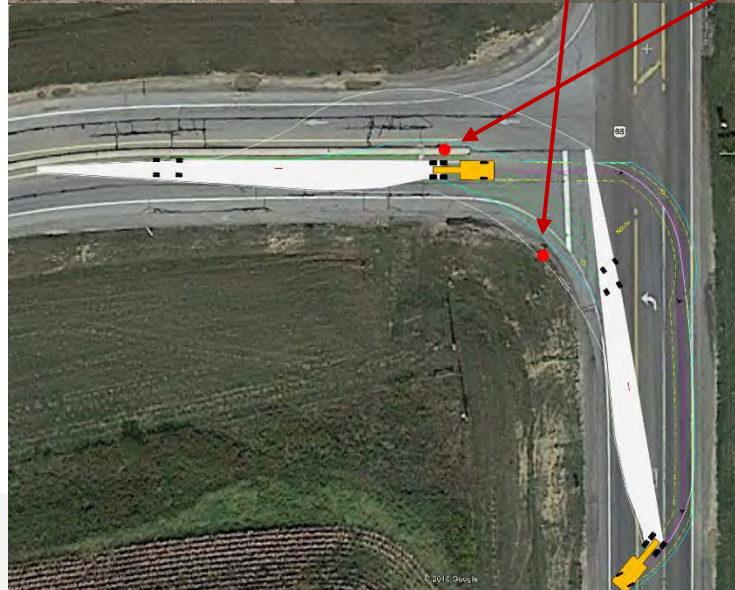


US 30 E (Miles on this road: 9.0)

- OR 16.5 EXIT FOR US 68 S
- OR 17.2 RIGHT TURN FOR US 68 N, relocate stop sign on the right.



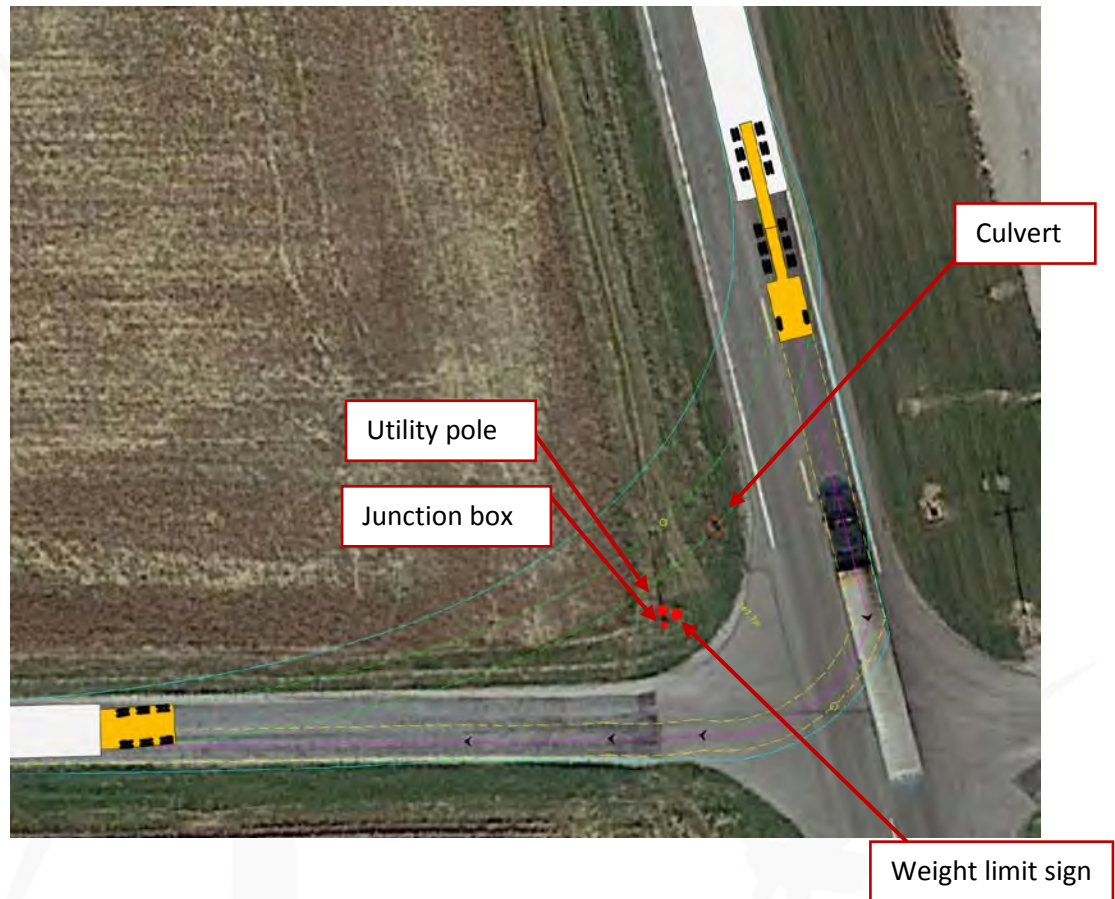
Remove\relocate signs

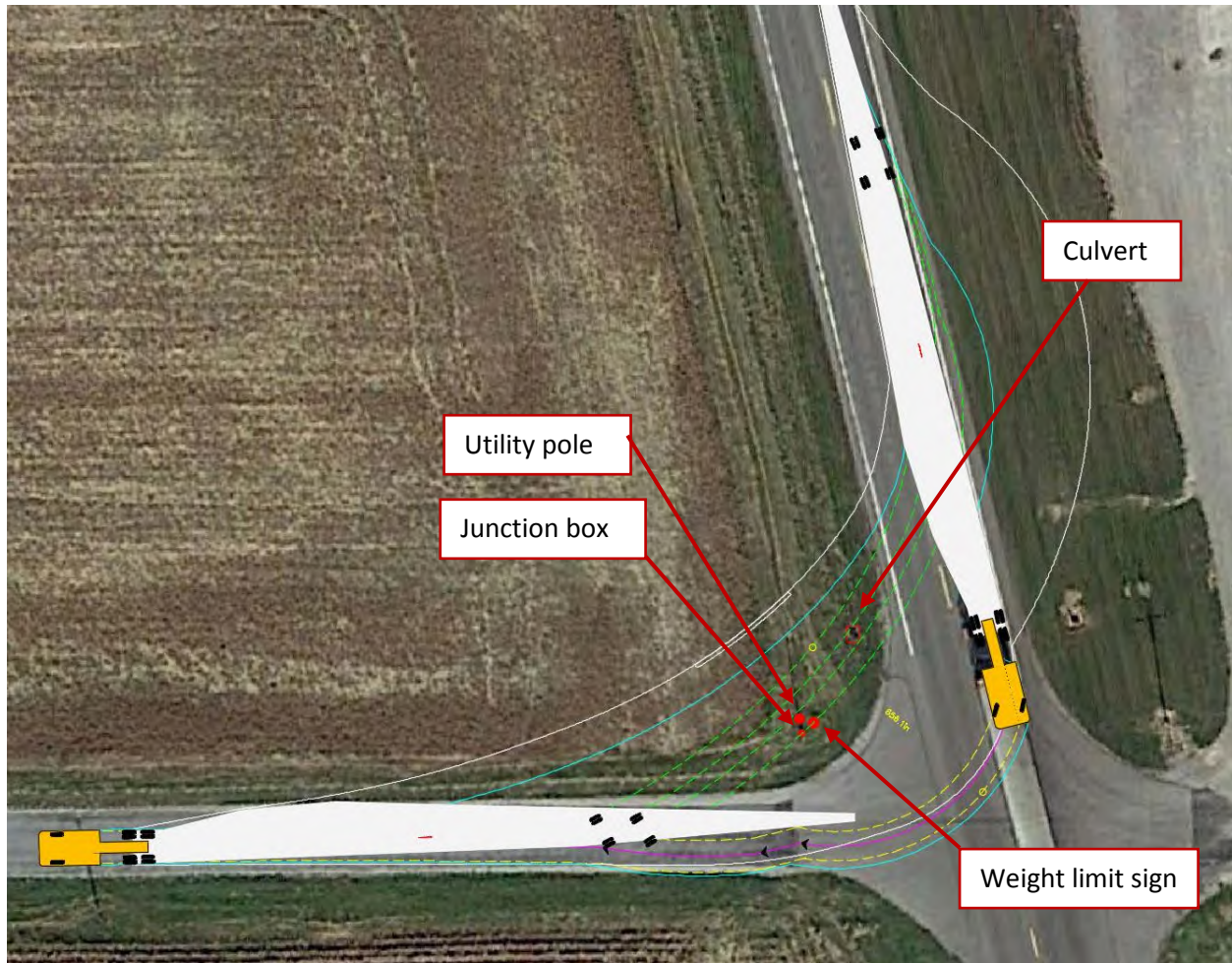




US 68 S (Miles on this road: 3.0)

- OR 3.0 RIGHT TURN on CR 20 W. End of route survey. Radius improvement needed. Remove pole







State Transport Permit Information

State	State Information
Ohio	http://www.dot.state.oh.us/pages/home.aspx http://www.dot.state.oh.us/Divisions/Operations/Maintenance/Permits/Pages/default.aspx



Comments

1. The routing from each location is subject to change at any point as required by the state of Ohio.

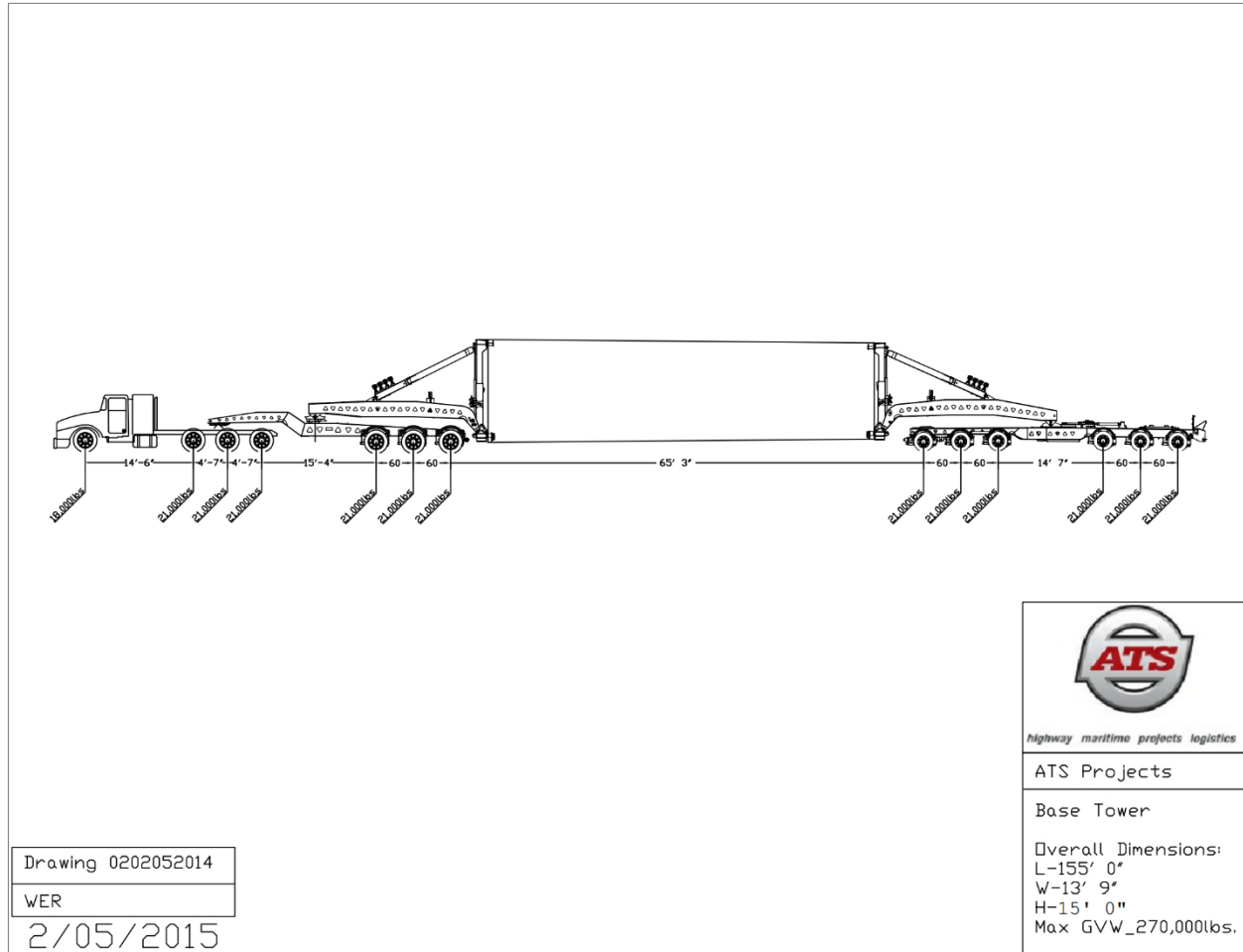
ATS Specialized, Inc. (ATS) has exercised due and customary care in conducting this project route review and has not, save as specifically stated, independently verified information provided by others. No other warranty, express or implied is made in relation to the conduct of the review or the contents of this report. Therefore, ATS assumes no liability for any loss resulting from errors, omissions, or misrepresentations made by others. This review has been prepared at the request of Vestas. The use of this report is unauthorized by third parties without written authorization of ATS and shall be at their own risk, and ATS accepts no duty of care to any such third party.

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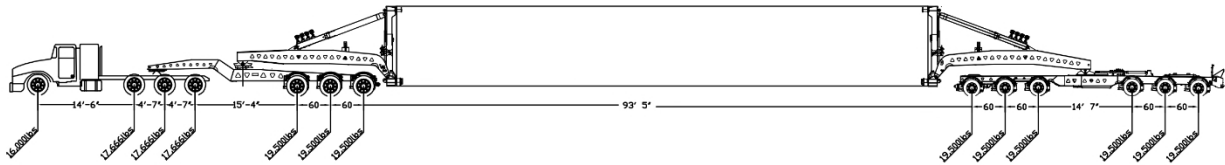


Appendix


Commodity 1: Base	15
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Commodity 5: 54M Blade	19
Commodity 6: Nacelle.....	20
Commodity 7: Hub	21



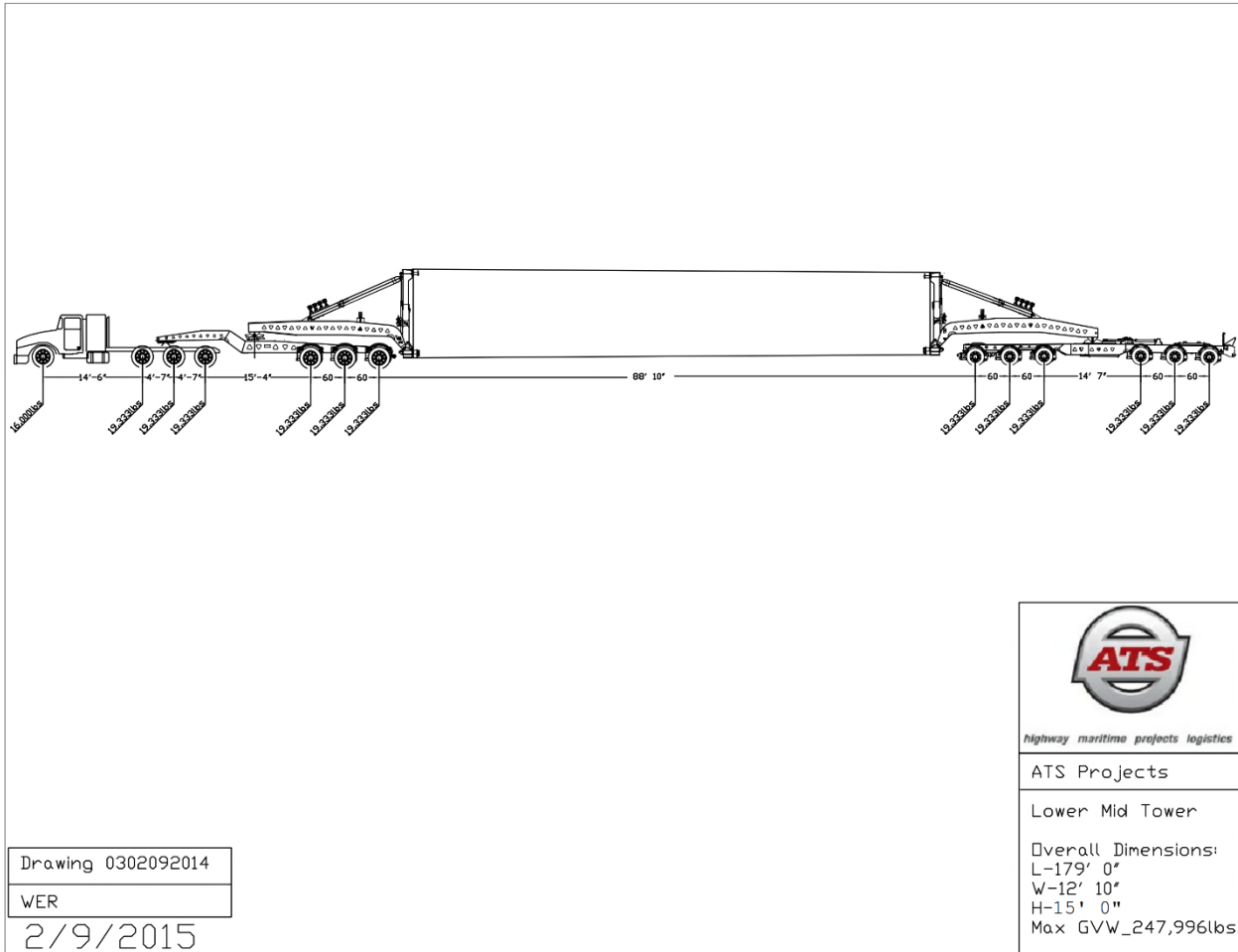
Commodity 1: Base



Drawing 0402102014
WER
2/10/2015

 highway maritime projects logistics
ATS Projects
Upper Mid Tower
Overall Dimensions: L-185' 0" W-12' 10" H-15' 0" Max GVW_185,998lbs.

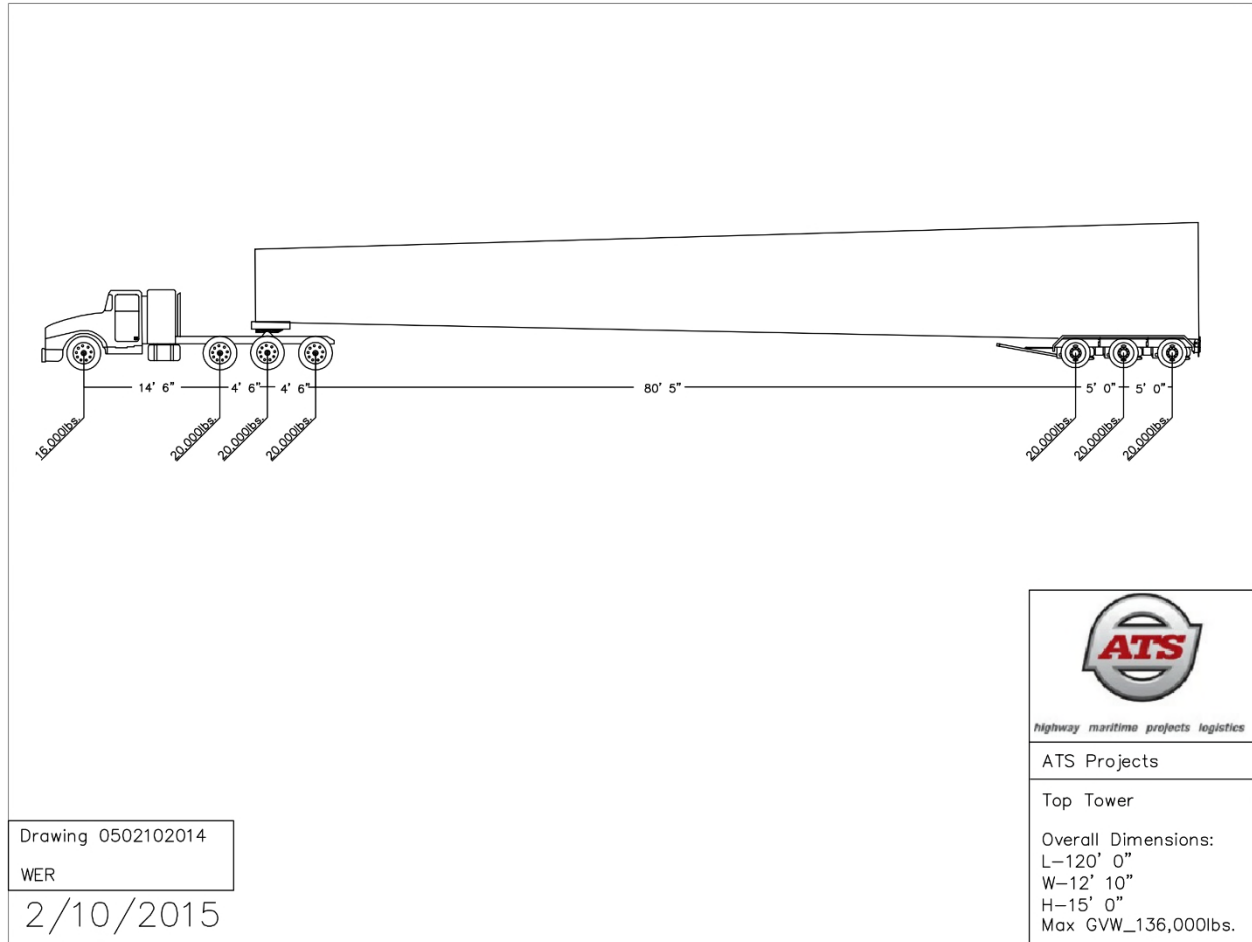
Commodity 2: Upper Mid



Commodity 3: Lower Mid

Conclusion

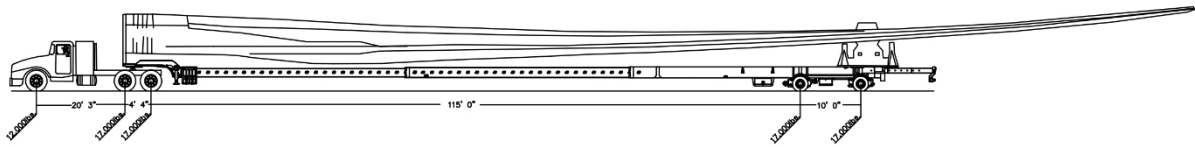
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Commodity 4: Top

Conclusion

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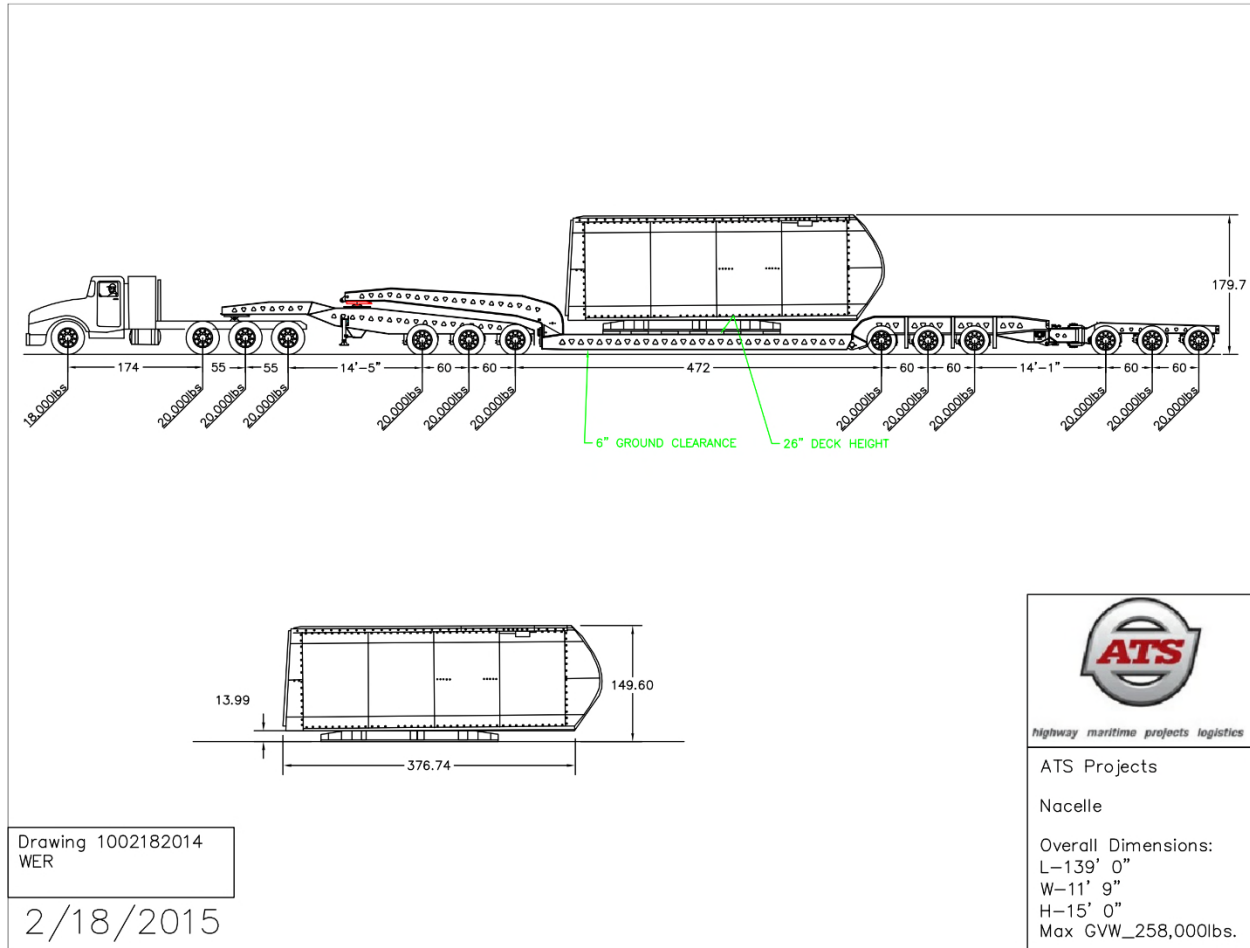


Drawing 0102052014
WER
2/5/2015

 highway maritime projects logistics
ATS Projects
V110 Blade
Overall Dimmisions: L-205' 0" W-13' 4" H-14' 6" Max GVW_80,000lbs.

Commodity 5: 54M Blade

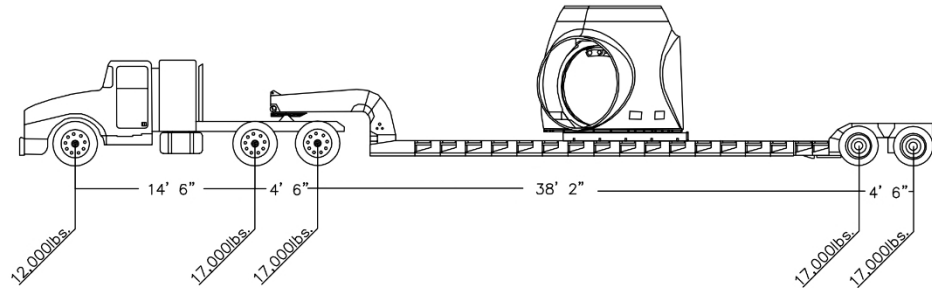
Conclusion



Commodity 6: Nacelle

Conclusion

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Drawing 0602102014

WER

2/10/2015



highway maritime projects logistics

ATS Projects

HUB

Overall Dimensions:

L-78' 0"

W-11' 11"

H-13' 6"

Max GVW_80,000lbs.

Commodity 7: Hub

Conclusion

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This foregoing document was electronically filed with the Public Utilities

Commission of Ohio Docketing Information System on

3/9/2017 11:12:11 AM

in

Case No(s). 10-0654-EL-BGN, 16-1422-EL-BGA, 16-1423-EL-BGA

Summary: Correspondence of Hog Creek Wind Farm, LLC in Compliance with Condition No. 36 - Project Route for Kenton and VanWert electronically filed by Teresa Orahod on behalf of Sally W. Bloomfield