Appendix C
Freight Study
Wendell H. Ford Airport Access
Freight Study

On April 19 and 20, 2018, phone interviews were conducted with four of the seven Board Members of the Coalfields Industrial Park, the Transportation Planner with the KY River Area Development District, and the Airport Manager. Three of the Industrial Park Board Members filled out their questionnaires and mailed them in. On April 26, 2018, a meeting was held with the airport stakeholders. Questionnaires were again distributed, and seven responses were received including responses from members of the Airport Board, Industrial Park Board, and the Economic Development Alliance.

From the Area Development District, we learned that two major employers left the industrial park a few years ago. They were a cabinet company and Trus Joist, a manufacturer of wood construction materials. The current businesses in the industrial park are Federal Express; Sykes call center; a gym; and a combination towing, garage, and used-vehicle business.

The Airport Manager is also the fixed base operator (FBO) at the airport. He said that none of the businesses at the industrial park use the airport regularly and that the airport has no regularly scheduled cargo flights. He flies cargo in and out of the airport on a special-order basis. Most of the airport traffic consists of passengers for flight training, corporate or private charters, or personal and recreational flying. The airport consistently averages 30 take-off and landing operations per day year round. Peaks of around 50 flight operations per day occur during spring and summer when the airport supports marijuana eradication operations by the KY State Police using National Guard helicopters and other aircraft.

The Airport Manager also said that airport ground traffic averages about 30 vehicles per day -- a mix of cars and single-unit trucks with one 5-axle semi fuel truck delivery per week. Drivers of the fuel trucks have a difficult time negotiating the existing road, and they complain to the Airport Manager. Because of the steep grade, 16% at the steepest, the fuel trucks can only come with half a load of fuel. In the winter, the existing road is often closed because even after it is plowed and salted, it is still too slick to drive on, and the airport closes. Closing the road also affects approximately 150 homes that also share the road, and the only alternate access is the old airport road that is steeper.

Comments from the stakeholders and especially members of the Industrial Park Board and Economic Development communities indicated that use of the airport by businesses in the industrial park is a bit of a chicken and egg problem. Business recruiters say some businesses inquire as to whether the airport can handle certain cargo aircraft and about the quality of the access to the airport; but until it reaches a certain threshold, those businesses will not consider this location. Thus, it appears that no existing demand for air cargo services can be documented.
The purpose of this study is to improve access to the Wendell H. Ford Airport in Hazard, Perry County, Kentucky. The need for this project arises from substandard conditions of the existing access road, including narrow lanes, little to no shoulders, steep grades, and slope failures. - Is the Purpose and Need for the study correctly stated?

☐ Yes  ☐ No 
If no, then how should the Purpose and Need be modified?

2. What attributes of the proposed alternatives for improving access to the Airport are most important to you? Check all that apply.

☐ Maximum Grade ☐ Design Speed ☐ Roadway Length
☐ Earthwork ☐ Disturbed Area ☐ Right of Way Impacts
☐ Construction Costs ☐ Project Cost ☐ Other
☐ Other ________________

3. Of the Alternative Corridors shown – Alternatives 3, 4, or 5, please rank your preference for each alternative with 1 being most preferred.

___ Alt 3 ___ Alt 4 ___ Alt 5 Why? ________________

4. If the airport were to extend the runway length to better accommodate cargo aircraft, what is your expectation that industry will modify shipping practices to more significantly utilize cargo aircraft?

☐ High ☐ Medium ☐ Low
Comment ________________

5. If the runway length were extended to allow for greater utilization of cargo aircraft, what types of vehicles would be anticipated to use the access road from KY 15 to the Wendell H. Ford Airport? Check all that apply.

☐ Single Unit Delivery Vehicles – UPS / FedEx ☐ 3-Axle Semi-Trailer
☐ Single Unit Trucks – Fuel Trucks / Box Trucks ☐ 4-Axle Semi-Trailer
☐ Other ________________

Additional Comments? (Continue on back)
Additional Comments


Your answers will be given to the Project Team for their use in evaluating the Project. Please turn them in today at the registration desk or mail them by May 3, 2018 to:

Corbett Caudill, P. E.
Kentucky Transportation Cabinet – District 10
P. O. Box 621
Jackson, KY 41339
1. The purpose of the project is to improve access to the Wendell H. Ford Airport in Hazard, Perry County, Kentucky. The need for this project arises from substandard conditions of the existing access road, including narrow lanes, little to no shoulders, steep grades, and slope failures. - Is the purpose and need for the study correctly stated?
   □ Yes   □ No   If no, then how should the purpose and need be modified?

2. What attributes for improved access to the airport are most important to you? Check all that apply.
   - □ Maximum Grade
   - □ Design Speed
   - □ Roadway Length
   - □ Earthwork
   - □ Disturbed Area
   - □ Right of Way Impacts
   - □ Construction Costs
   - □ Project Cost
   - □ Other __________________________

3. What types of vehicles currently use the access road from KY 15 to the Wendell H. Ford Airport? Check all that apply.
   □ Single Unit Delivery Vehicles – UPS / FedExpress
   □ Single Unit Trucks – Fuel Trucks / Box Trucks
   □ 3-Axle Semi-Trailer
   □ 4-Axle Semi-Trailer
   □ 5-Axle Semi-Trailer
   □ Other __________________________

4. If the airport were to extend the runway length to better accommodate cargo aircraft, what is your expectation that industry will modify shipping practices to more significantly utilize cargo aircraft?
   □ High
   □ Medium
   □ Low
   □ Comment __________________________

5. If the runway length were extended to allow for greater utilization of cargo aircraft, what types of vehicles would be anticipated to use the access road from KY 15 to the Wendell H. Ford Airport? Check all that apply.
   □ Single Unit Delivery Vehicles – UPS / FedExpress
   □ Single Unit Trucks – Fuel Trucks / Box Trucks
   □ 3-Axle Semi-Trailer
   □ 4-Axle Semi-Trailer
   □ 5-Axle Semi-Trailer
   □ Other __________________________

Additional Comments? (Continue on back)
Freight Study Phone Interview QUESTIONNAIRE

Name: ____________________________, 2018

Additional Comments

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Your answers will be given to the Project Team for their use in evaluating the Project. Please return them by mail or email to:

Eric Fischer, P. E.
Palmer Engineering
P. O. Box 747
Winchester, KY 40392-0747
efischer@palmernet.com
859-744-1218
Freight Study Business Interview QUESTIONNAIRE

Wendell H. Ford Airport Access ___________, 2018
Scoping Study
KY 15 at Trus Joist Lane to Wendell H. Ford Airport
Hazard, Perry County
(Please Print)

Name: ___________________________ Phone: ______________________
Business __________________________ City, State, Zip ______________________
Address ____________________________________________________________

The purpose of the project is to improve access to the Wendell H. Ford Airport in Hazard,
Perry County, Kentucky. The need for this project arises from substandard conditions of the
existing access road, including narrow lanes, little to no shoulders, steep grades, and slope
failures.

1. What attributes for improved access to the airport are most important to you?
   Check all that apply. □ Disturbed Area
   □ Maximum Grade □ Right of Way Impacts
   □ Design Speed □ Construction Costs
   □ Roadway Length □ Project Cost
   □ Earthwork □ Other __________________________

2. About how many vehicles of each type from your business currently use the access road
   from KY 15 to the Wendell H. Ford Airport each week?
   ___Single Unit Delivery Vehicles – FedEx / UPS / USPS
   ___Single Unit Trucks – Box Trucks / Fuel Trucks
   ___3-Axle Semi-Trailer
   ___4-Axle Semi-Trailer
   ___5-Axle Semi-Trailer
   ___Other __________________________

3. If the airport were to extend the runway length to better accommodate cargo aircraft,
   what is your expectation that your business would modify shipping practices to more
   significantly utilize cargo aircraft?
   □ High □ Medium □ Low
   □ Comment __________________________

4. If the runway length were extended to allow for greater utilization of cargo aircraft, about
   how many vehicles of each type from your business would you anticipate using the access
   road from KY 15 to the Wendell H. Ford Airport each week?
   ___Single Unit Delivery Vehicles – FedEx / UPS / USPS
   ___Single Unit Trucks – Box Trucks / Fuel Trucks
   ___3-Axle Semi-Trailer
   ___4-Axle Semi-Trailer
   ___5-Axle Semi-Trailer
   ___Other __________________________

5. Is your business’s airport traffic constant or does it have peak demand times? __ Constant
   Peaks: Daily at ____________; Weekly _____; Monthly _____; Seasonally ____________

6. What type of cargo or passengers do you move on the access road to the airport? _______

______________________________________________________________
Additional Comments? (Continue on back)
Freight Study Business Interview QUESTIONNAIRE

Name: __________________________________________, 2018

Additional Comments __________________________________________

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Your answers will be given to the Project Team for their use in evaluating the Project. Please return them by mail or email to:

Eric Fischer, P. E.
Palmer Engineering
P. O. Box 747
Winchester, KY 40392-0747
efischer@palmernet.com
859-744-1218
Freight Study Phone Interview QUESTIONNAIRE
Wendell H. Ford Airport Access
April 19, 2018
Scoping Study
KY 15 at Trus Joist Lane to Wendell H. Ford Airport
Hazard, Perry County
(Please Print)

Name: Jeff Allen Phone: 606-568-0757
Address 249 Allen Farm Road
City, State, Zip Jackson, KY 41339

1. The purpose of this study is to improve access to the Wendell H. Ford Airport in Hazard, Perry County, Kentucky. The need for this project arises from substandard conditions of the existing access road, including narrow lanes, little to no shoulders, steep grades, and slope failures. - Is the purpose and need for the study correctly stated?

☐ Yes ☐ No If no, then how should the purpose and need be modified?

2. What attributes for improved access to the airport are most important to you?
Check all that apply.
☐ Maximum Grade
☐ Design Speed
☐ Roadway Length
☐ Earthwork
☐ Disturbed Area
☐ Right of Way Impacts
☐ Construction Costs
☐ Project Cost
☐ Other

3. What types of vehicles currently use the access road from KY 15 to the Wendell H. Ford Airport? Check all that apply.
☐ Single Unit Delivery Vehicles – UPS / FedEx
☐ Single Unit Trucks – Fuel Trucks / Box Trucks
☐ 3-Axle Semi-Trailer
☐ 4-Axle Semi-Trailer
☐ 5-Axle Semi-Trailer
☐ Other

4. If the airport were to extend the runway length to better accommodate cargo aircraft, what is your expectation that industry will modify shipping practices to more significantly utilize cargo aircraft?
☐ High
☐ Medium
☐ Low
☐ Comment

5. If the runway length were extended to allow for greater utilization of cargo aircraft, what types of vehicles would be anticipated to use the access road from KY 15 to the Wendell H. Ford Airport? Check all that apply.
☐ Single Unit Delivery Vehicles – UPS / FedEx
☐ Single Unit Trucks – Fuel Trucks / Box Trucks
☐ 3-Axle Semi-Trailer
☐ 4-Axle Semi-Trailer
☐ 5-Axle Semi-Trailer
☐ Other

Additional Comments? (Continue on back)
Additional Comments

The industrial park should benefit from increased cargo capacity, but the whole area would also benefit and use the airport.
Wendell H. Ford Airport Access
Scoping Study
KY 15 at Trus Joist Lane to Wendell H. Ford Airport
Hazard, Perry County
(Please Print)

Name: Jeff Allen Phone: 606 568-0757
Address 249 Allen Farm Rd.
City, State, Zip Jackson, Ky 41339 email:

1. The purpose of the project is to improve access to the Wendell H. Ford Airport in Hazard, Perry County, Kentucky. The need for this project arises from substandard conditions of the existing access road, including narrow lanes, little to no shoulders, steep grades, and slope failures. Is the Purpose and Need for the study correctly stated?
   ☑ Yes ☐ No If no, then how should the Purpose and Need be modified?

2. What attributes of the proposed alternatives for improving access to the Airport are most important to you? Check all that apply.
   ☑ Maximum Grade ☑ Right of Way Impacts
   ☐ Design Speed ☐ Construction Costs
   ☑ Roadway Length ☑ Project Cost
   ☐ Earthwork ☑ Other
   ☐ Disturbed Area ☑ Other

3. Of the Alternative Corridors shown – Alternatives 3, 4, or 5, please rank your preference for each alternative with 1 being most preferred.
   3 Alt 3 2 Alt 4 1 Alt 5 Why? Balance of earthwork material

Best grade and lowest cost

4. If the airport were to extend the runway length to better accommodate cargo aircraft, what is your expectation that industry will modify shipping practices to more significantly utilize cargo aircraft?
   ☑ High ☐ Medium ☐ Low

Comment

5. If the runway length were extended to allow for greater utilization of cargo aircraft, what types of vehicles would be anticipated to use the access road from KY 15 to the Wendell H. Ford Airport? Check all that apply.
   ☑ Single Unit Delivery Vehicles – UPS / FedEx
   ☑ Single Unit Trucks – Fuel Trucks / Box Trucks
   ☑ 3-Axle Semi-Trailer
   ☑ 4-Axle Semi-Trailer
   ☐ 5-Axle Semi-Trailer
   ☐ Other

Additional Comments? (Continue on back)
Wendell H. Ford Airport Access
Scoping Study
KY 15 at Trus Joist Lane to Wendell H. Ford Airport
Hazard, Perry County
(Please Print)

Name: **Stephen G. Barkov**  Phone: **606-438-0049**
Address: **P.O. Box 269**
City, State, Zip: **Hazard, KY 41702**  email: **steve@KRAKY.com**

1. The purpose of the project is to improve access to the Wendell H. Ford Airport in Hazard, Perry County, Kentucky. The need for this project arises from substandard conditions of the existing access road, including narrow lanes, little to no shoulders, steep grades, and slope failures. Is the Purpose and Need for the study correctly stated?
   - Yes □  No □  If no, then how should the Purpose and Need be modified?

2. What attributes of the proposed alternatives for improving access to the Airport are most important to you? Check all that apply.
   - Maximum Grade □
   - Design Speed □
   - Roadway Length □
   - Earthwork □
   - Disturbed Area □
   - Right of Way Impacts □
   - Construction Costs □
   - Project Cost □
   - Other □
   - Other □

3. Of the Alternative Corridors shown – Alternatives 3, 4, or 5, please rank your preference for each alternative with 1 being most preferred.
   ___ Alt 3    ___ Alt 4     ___ Alt 5     Why? **less grade; less cost**

4. If the airport were to extend the runway length to better accommodate cargo aircraft, what is your expectation that industry will modify shipping practices to more significantly utilize cargo aircraft?
   - High □  Medium □  Low □
   Comment: ____________________________

5. If the runway length were extended to allow for greater utilization of cargo aircraft, what types of vehicles would be anticipated to use the access road from KY 15 to the Wendell H. Ford Airport? Check all that apply.
   - Single Unit Delivery Vehicles – UPS / FedEx □
   - 3-Axle Semi-Trailer □
   - Single Unit Trucks – Fuel Trucks / Box Trucks □
   - 4-Axle Semi-Trailer □
   - 5-Axle Semi-Trailer □
   - Other □

Additional Comments? (Continue on back)
Wendell H. Ford Airport Access  
Scoping Study  
KY 15 at Trus Joist Lane to Wendell H. Ford Airport  
Hazard, Perry County  
(Please Print)

Name: Teddy Clemans  
Phone: 4-26-18

Address: 408-Camb Out Rd.  
City, State, Zip: 41701  
email: TeddyClemans@email.com

1. The purpose of the project is to improve access to the Wendell H. Ford Airport in Hazard, Perry County, Kentucky. The need for this project arises from substandard conditions of the existing access road, including narrow lanes, little to no shoulders, steep grades, and slope failures. Is the Purpose and Need for the study correctly stated?

☐ Yes  ☐ No  If no, then how should the Purpose and Need be modified?

2. What attributes of the proposed alternatives for improving access to the Airport are most important to you? Check all that apply.

☐ Maximum Grade  ☐ Right of Way Impacts  
☐ Design Speed  ☐ Construction Costs  
☐ Roadway Length  ☐ Project Cost  
☐ Earthwork  ☐ Other  
☐ Disturbed Area  ☐ Other

3. Of the Alternative Corridors shown – Alternatives 3, 4, or 5, please rank your preference for each alternative with 1 being most preferred.

☐ Alt 3  ☐ Alt 4  ☐ Alt 5  Why?

4. If the airport were to extend the runway length to better accommodate cargo aircraft, what is your expectation that industry will modify shipping practices to more significantly utilize cargo aircraft?

☐ High  ☐ Medium  ☐ Low

Comment:

5. If the runway length were extended to allow for greater utilization of cargo aircraft, what types of vehicles would be anticipated to use the access road from KY 15 to the Wendell H. Ford Airport? Check all that apply.

☐ Single Unit Delivery Vehicles – UPS / FedEx  ☐ 3-Axle Semi-Trailer  
☐ Single Unit Trucks – Fuel Trucks / Box Trucks  ☐ 4-Axle Semi-Trailer  
☐ Other  ☐ 5-Axle Semi-Trailer

Additional Comments? (Continue on back)
Wendell H. Ford Airport Access
Scoping Study
KY 15 at Trus Joist Lane to Wendell H. Ford Airport
Hazard, Perry County
(Please Print)

Name: Tonia Goodwin
Phone: 606-439-6903

Address: P.O. Box 2138

City, State, Zip: Hazard, KY 41701 email: tgoodwin@wendstream.net

1. The purpose of the project is to improve access to the Wendell H. Ford Airport in Hazard, Perry County, Kentucky. The need for this project arises from substandard conditions of the existing access road, including narrow lanes, little to no shoulders, steep grades, and slope failures. Is the Purpose and Need for the study correctly stated?

☐ Yes ☐ No If no, then how should the Purpose and Need be modified?

2. What attributes of the proposed alternatives for improving access to the Airport are most important to you? Check all that apply.

☐ Maximum Grade
☐ Design Speed
☐ Roadway Length
☐ Earthwork
☐ Disturbed Area

☐ Right of Way Impacts
☐ Construction Costs
☐ Project Cost
☐ Other

3. Of the Alternative Corridors shown – Alternatives 3, 4, or 5, please rank your preference for each alternative with 1 being most preferred.

Alt 3  Alt 4  Alt 5
Area/Cost/Project/Grade Why? Avoid residential

4. If the airport were to extend the runway length to better accommodate cargo aircraft, what is your expectation that industry will modify shipping practices to more significantly utilize cargo aircraft?

☐ High ☐ Medium ☐ Low

Comment

5. If the runway length were extended to allow for greater utilization of cargo aircraft, what types of vehicles would be anticipated to use the access road from KY 15 to the Wendell H. Ford Airport? Check all that apply.

☐ Single Unit Delivery Vehicles – UPS / FedEx
☐ Single Unit Trucks – Fuel Trucks / Box Trucks

☐ 3-Axle Semi-Trailer
☐ 4-Axle Semi-Trailer
☐ 5-Axle Semi-Trailer
☐ Other

Additional Comments? (Continue on back)
# QUESTIONNAIRE

**Wendell H. Ford Airport Access**  
Scoping Study  
KY 15 at Trus Joist Lane to Wendell H. Ford Airport  
Hazard, Perry County  
*(Please Print)*

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<thead>
<tr>
<th>Name: __________________________</th>
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<tr>
<td>Address _______________________</td>
<td>email: __________________________</td>
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<td>City, State, Zip __________________________</td>
<td>email: __________________________</td>
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1. **The purpose of the project is to improve access to the Wendell H. Ford Airport in Hazard, Perry County, Kentucky. The need for this project arises from substandard conditions of the existing access road, including narrow lanes, little to no shoulders, steep grades, and slope failures. - Is the Purpose and Need for the study correctly stated?**

   - [x] Yes  
   - [ ] No  
   - If no, then how should the Purpose and Need be modified?

2. **What attributes of the proposed alternatives for improving access to the Airport are most important to you? Check all that apply.**

   - [x] Maximum Grade
   - [ ] Right of Way Impacts
   - [ ] Design Speed
   - [ ] Construction Costs
   - [ ] Roadway Length
   - [ ] Project Cost
   - [ ] Earthwork
   - [ ] Other
   - [x] Disturbed Area
   - [ ] Other

3. **Of the Alternative Corridors shown - Alternatives 3, 4, or 5, please rank your preference for each alternative with 1 being most preferred.**

   - [x] Alt 3
   - [ ] Alt 4
   - [ ] Alt 5
   - Why? *5 balances cut-and-fill the best, least % grade*

4. **If the airport were to extend the runway length to better accommodate cargo aircraft, what is your expectation that industry will modify shipping practices to more significantly utilize cargo aircraft?**

   - [ ] High
   - [x] Medium
   - [ ] Low

   Comment: __________________________

5. **If the runway length were extended to allow for greater utilization of cargo aircraft, what types of vehicles would be anticipated to use the access road from KY 15 to the Wendell H. Ford Airport? Check all that apply.**

   - [x] Single Unit Delivery Vehicles – UPS / FedEx
   - [x] Single Unit Trucks – Fuel Trucks / Box Trucks
   - [x] 3-Axle Semi-Trailer
   - [x] 4-Axle Semi-Trailer
   - [x] 5-Axle Semi-Trailer
   - [ ] Other

**Additional Comments?**  
*(Continue on back)*
Freight Study Phone Interview QUESTIONNAIRE
Wendell H. Ford Airport Access  April 20, 2018
Scoping Study
KY 15 at Trus Joist Lane to Wendell H. Ford Airport
Hazard, Perry County
(Please Print)

Name: Chris Amburgey Phone: 606-497-8865
Address: 450 Kenny Champion Loop
City, State, Zip: Lebanon, KY 41831

1. The purpose of this study is to improve access to the Wendell H. Ford Airport in Hazard, Perry County, Kentucky. The need for this project arises from substandard conditions of the existing access road, including narrow lanes, little to no shoulders, steep grades, and slope failures. - Is the purpose and need for the study correctly stated?
☐ Yes ☐ No  If no, then how should the purpose and need be modified?

2. What attributes for improved access to the airport are most important to you?
Check all that apply. ☑ Disturbed Area
☑ Design Speed
☑ Right of Way Impacts
☑ Roadway Length
☑ Construction Costs
☑ Earthwork
☑ Project Cost
☐ Other

3. What types of vehicles currently use the access road from KY 15 to the Wendell H. Ford Airport? Check all that apply.
☐ Single Unit Delivery Vehicles – UPS / FedEx
☐ Single Unit Trucks – Fuel Trucks / Box Trucks
☐ 3-Axle Semi-Trailer
☐ 4-Axle Semi-Trailer
☐ 5-Axle Semi-Trailer
☐ Other

4. If the airport were to extend the runway length to better accommodate cargo aircraft, what is your expectation that industry will modify shipping practices to more significantly utilize cargo aircraft?
☑ High
☐ Medium
☐ Low
☐ Comment

5. If the runway length were extended to allow for greater utilization of cargo aircraft, what types of vehicles would be anticipated to use the access road from KY 15 to the Wendell H. Ford Airport? Check all that apply.
☑ Single Unit Delivery Vehicles – UPS / FedEx
☑ Single Unit Trucks – Fuel Trucks / Box Trucks
☐ 3-Axle Semi-Trailer
☐ 4-Axle Semi-Trailer
☐ 5-Axle Semi-Trailer
☐ Other

Additional Comments? (Continue on back)
Freight Study Phone Interview QUESTIONNAIRE
Wendell H. Ford Airport Access April 9, 2018
Scoping Study
KY 15 at Trus Joist Lane to Wendell H. Ford Airport
Hazard, Perry County
(Please Print)

Name: **Charles Lee Colwell**  Phone: **606-216-1516**
Address: **47 Gum Avenue**
City, State, Zip: **Hazard, KY 41701**

1. The purpose of this study is to improve access to the Wendell H. Ford Airport in Hazard, Perry County, Kentucky. The need for this project arises from substandard conditions of the existing access road, including narrow lanes, little to no shoulders, steep grades, and slope failures. - Is the purpose and need for the study correctly stated?
   - [ ] Yes  [ ] No  If no, then how should the purpose and need be modified?
   
   Charles used to work in County Government and is familiar with the maintenance of the access road. **Always been very dangerous.**

2. What attributes for improved access to the airport are most important to you? Check all that apply.
   - Maximum Grade
   - Design Speed
   - Roadway Length
   - Earthwork
   - Disturbed Area
   - Right of Way Impacts
   - Construction Costs
   - Project Cost
   - Other Access to Emergency Services

3. What types of vehicles currently use the access road from KY 15 to the Wendell H. Ford Airport? Check all that apply.
   - Single Unit Delivery Vehicles – UPS / FedEx
   - Single Unit Trucks – Fuel Trucks / Box Trucks
   - 3-Axle Semi-Trailer
   - 4-Axle Semi-Trailer
   - 5-Axle Semi-Trailer
   - Other

4. If the airport were to extend the runway length to better accommodate cargo aircraft, what is your expectation that industry will modify shipping practices to more significantly utilize cargo aircraft?
   - [ ] High
   - [ ] Medium
   - [ ] Low
   - [ ] Comment: **Better Access to Eastern KY. Otherwise Lex. is only option.**

5. If the runway length were extended to allow for greater utilization of cargo aircraft, what types of vehicles would be anticipated to use the access road from KY 15 to the Wendell H. Ford Airport? Check all that apply.
   - Single Unit Delivery Vehicles – UPS / FedEx
   - Single Unit Trucks – Fuel Trucks / Box Trucks
   - 3-Axle Semi-Trailer
   - 4-Axle Semi-Trailer
   - 5-Axle Semi-Trailer
   - Other **National Guard**

Additional Comments? (Continue on back)
1. The purpose of this study is to improve access to the Wendell H. Ford Airport in Hazard, Perry County, Kentucky. The need for this project arises from substandard conditions of the existing access road, including narrow lanes, little to no shoulders, steep grades, and slope failures. - Is the purpose and need for the study correctly stated?

☐ Yes       ☐ No       If no, then how should the purpose and need be modified?

2. What attributes for improved access to the airport are most important to you?

Check all that apply.
☐ Maximum Grade [Big Issue]
☐ Design Speed
☐ Roadway Length
☐ Earthwork
☐ Disturbed Area
☐ Right of Way Impacts
☐ Construction Costs
☒ Project Cost
☐ Other

3. What types of vehicles currently use the access road from KY 15 to the Wendell H. Ford Airport? Check all that apply.

☒ Single Unit Delivery Vehicles –
  UPS / FedEx
☒ Single Unit Trucks – Fuel Trucks / Box Trucks
☐ 3-Axle Semi-Trailer
☐ 4-Axle Semi-Trailer
☒ 5-Axle Semi-Trailer
☐ Other

4. If the airport were to extend the runway length to better accommodate cargo aircraft, what is your expectation that industry will modify shipping practices to more significantly utilize cargo aircraft?

☒ High
☐ Medium
☐ Low
☐ Comment

5. If the runway length were extended to allow for greater utilization of cargo aircraft, what types of vehicles would be anticipated to use the access road from KY 15 to the Wendell H. Ford Airport? Check all that apply.

☒ Single Unit Delivery Vehicles –
  UPS / FedEx
☒ Single Unit Trucks – Fuel Trucks / Box Trucks
☒ 3-Axle Semi-Trailer
☒ 4-Axle Semi-Trailer
☒ 5-Axle Semi-Trailer
☐ Other

Additional Comments? (Continue on back)
Programming Study for KY 15 from Knott Co. to Letcher Co. There is a mention of the Airport road in the programming study.

Current businesses in the industrial park are:
- FedEx - Uses trucks extensively for shipping
- Sykes Call Center - Commuter traffic only
- Gym - Patrons of the Gym
- Garage & Used Car Lot

There used to be Trus-Joist, a large employer that manufactured wood construction products. They closed a few years ago.

There was also a cabinet factory that closed a few years ago.

The strip mine at the end of the industrial park road is believed to be closed.

Your answers will be given to the Project Team for their use in evaluating the Project. Please return them by mail or email to:

Eric Fischer, P. E.
Palmer Engineering
P. O. Box 747
Winchester, KY 40392-0747
efisher@palmernet.com
859-744-1218
Freight Study Business Interview QUESTIONNAIRE
Wendell H. Ford Airport Access April 20, 2018
Scoping Study
KY 15 at Trus Joist Lane to Wendell H. Ford Airport
Hazard, Perry County
(Please Print)
Name: Jeff Hylton Phone: 606-233-5140 cell
Business: Fixed Base Operator for Wendell Ford Airport
Address: P.O. Box 2346
City, State, Zip: Hazard, KY 41702
Email: Jeff.Hylton@gmail.com

The purpose of this study is to improve access to the Wendell H. Ford Airport in Hazard, Perry County, Kentucky. The need for this project arises from substandard conditions of the existing access road, including narrow lanes, little to no shoulders, steep grades, and slope failures. P&N sounds good. I have complained about this road for 30 years.

1. What attributes for improved access to the airport are most important to you?

☐ Maximum Grade: It is very steep and in winter it gets so slick that vehicles can’t climb even after salting. Sometimes we close the Airport.
☐ Roadway Length
☐ Earthwork
☐ A Noticeable Entrance so drivers can find it.
☐ Disturbed Area
☐ Right of Way Impacts
☐ Construction Costs
☐ Project Cost
☐ Other Shoulders
☐ Better Entrance from KY15 So Large Trucks can turn in.

2. About how many vehicles of each type from your business currently use the access road from KY 15 to the Wendell H. Ford Airport each week?

105 Single Unit Delivery Vehicles –
FedEx / UPS / USPS
105 Single Unit Trucks – Box Trucks /
Fuel Trucks

☐ 3-Axle Semi-Trailer
☐ 4-Axle Semi-Trailer
☐ 5-Axle Semi-Trailer Fuel Truck
☐ Other

3. If the airport were to extend the runway length to better accommodate cargo aircraft, what is your expectation that your business would modify shipping practices to more significantly utilize cargo aircraft?

☐ High
☐ Medium
☐ Low
☐ Comment

4. If the runway length were extended to allow for greater utilization of cargo aircraft, about how many vehicles of each type from your business would you anticipate using the access road from KY 15 to the Wendell H. Ford Airport each week?

210 Single Unit Delivery Vehicles –
FedEx / UPS / USPS
210 Single Unit Trucks – Box Trucks /
Fuel Trucks

☐ 3-Axle Semi-Trailer
☐ 4-Axle Semi-Trailer
☐ 5-Axle Semi-Trailer Fuel Truck
☐ Other

5. Is your business’s airport traffic constant or does it have peak demand times? ☑ Constant
Peaks: Daily at _______; Weekly _______; Monthly _______; Seasonally Spring & Summer
30 operations/day constant 50/day Spring & Summer in support of marijuana eradication

6. What type of cargo or passengers do you move on the access road to the airport?

Mostly Passengers: Flight instruction, Charters, Corporate
Around 150 Homes (400-500 people) share the airport access road.

Additional Comments? (Continue on back)
Freight Study Phone Interview QUESTIONNAIRE
Wendell H. Ford Airport Access  April 19, 2018
Scoping Study
KY 15 at Trus Joist Lane to Wendell H. Ford Airport
Hazard, Perry County
(Please Print)

Name: Onzie Sizemore  Phone: 606-275-2221
Address: P.O. Box 619
City, State, Zip: Hyden, KY 41749

1. The purpose of this study is to improve access to the Wendell H. Ford Airport in Hazard, Perry County, Kentucky. The need for this project arises from substandard conditions of the existing access road, including narrow lanes, little to no shoulders, steep grades, and slope failures. - Is the purpose and need for the study correctly stated?
   □ Yes  □ No  If no, then how should the purpose and need be modified?

2. What attributes for improved access to the airport are most important to you?
   Check all that apply.  □ Disturbed Area
   □ Maximum Grade  □ Right of Way Impacts
   □ Design Speed  □ Construction Costs
   □ Roadway Length  □ Project Cost
   □ Earthwork  □ Other

3. What types of vehicles currently use the access road from KY 15 to the Wendell H. Ford Airport? Check all that apply.
   □ Single Unit Delivery Vehicles – 3-Axle Semi-Trailer
   □ UPS / FedEx  □ 4-Axle Semi-Trailer
   □ Single Unit Trucks – Fuel Trucks /  □ 5-Axle Semi-Trailer
      Box Trucks  □ Other

4. If the airport were to extend the runway length to better accommodate cargo aircraft, what is your expectation that industry will modify shipping practices to more significantly utilize cargo aircraft?
   □ High  □ Medium
   □ Low
   □ Comment

5. If the runway length were extended to allow for greater utilization of cargo aircraft, what types of vehicles would be anticipated to use the access road from KY 15 to the Wendell H. Ford Airport? Check all that apply.
   □ Single Unit Delivery Vehicles – 3-Axle Semi-Trailer
   □ UPS / FedEx  □ 4-Axle Semi-Trailer
   □ Single Unit Trucks – Fuel Trucks /  □ 5-Axle Semi-Trailer
      Box Trucks  □ Other

Additional Comments?  (Continue on back)
Additional Comments

If the runway were lengthened and the access improved, there is no doubt that we could get more employers in the industrial park.
Freight Study Phone Interview QUESTIONNAIRE
Wendell H. Ford Airport Access
Scoping Study
KY 15 at Trus Joist Lane to Wendell H. Ford Airport
Hazard, Perry County
(Please Print)

Name: Fred Brashear
Phone: 606-524-5114 (cell)
Address
PO Box 948
City, State, Zip Hiper, Ky 41749

1. The purpose of this study is to improve access to the Wendell H. Ford Airport in Hazard, Perry County, Kentucky. The need for this project arises from substandard conditions of the existing access road, including narrow lanes, little to no shoulders, steep grades, and slope failures. - Is the purpose and need for the study correctly stated?

☐ Yes  ☐ No  If no, then how should the purpose and need be modified?

2. What attributes for improved access to the airport are most important to you?
Check all that apply.
☐ Maximum Grade
☐ Design Speed
☐ Roadway Length
☐ Earthwork
☐ Disturbed Area
☐ Right of Way Impacts
☐ Construction Costs
☐ Project Cost
☐ Other________________________

3. What types of vehicles currently use the access road from KY 15 to the Wendell H. Ford Airport? Check all that apply.
☐ Single Unit Delivery Vehicles – UPS / FedEx
☐ Single Unit Trucks – Fuel Trucks / Box Trucks
☐ 3-Axle Semi-Trailer
☐ 4-Axle Semi-Trailer
☐ 5-Axle Semi-Trailer
☐ Other ___________________________

4. If the airport were to extend the runway length to better accommodate cargo aircraft, what is your expectation that industry will modify shipping practices to more significantly utilize cargo aircraft?
☐ High
☐ Medium
☐ Low
Comment [need to attract / grow industrial park]

5. If the runway length were extended to allow for greater utilization of cargo aircraft, what types of vehicles would be anticipated to use the access road from KY 15 to the Wendell H. Ford Airport? Check all that apply.
☐ Single Unit Delivery Vehicles – UPS / FedEx
☐ Single Unit Trucks – Fuel Trucks / Box Trucks
☐ 3-Axle Semi-Trailer
☐ 4-Axle Semi-Trailer
☐ 5-Axle Semi-Trailer
☐ Other ___________________________

Additional Comments? (Continue on back)
Freight Study Phone Interview QUESTIONNAIRE
Wendell H. Ford Airport Access
Scoping Study
KY 15 at Trus Joist Lane to Wendell H. Ford Airport
Hazard, Perry County
(Please Print)

Name: Betsy Clemmons Phone: 606 216-3154
Address: 486 Grand Oak Lane 606 439-2459
City, State, Zip: Hazard, KY 41701

1. The purpose of this study is to improve access to the Wendell H. Ford Airport in Hazard, Perry County, Kentucky. The need for this project arises from substandard conditions of the existing access road, including narrow lanes, little to no shoulders, steep grades, and slope failures. - Is the purpose and need for the study correctly stated?
   ☑ Yes ☐ No If no, then how should the purpose and need be modified?

2. What attributes for improved access to the airport are most important to you? Check all that apply.
   ☑ Maximum Grade ☐ Disturbed Area
   ☑ Design Speed ☐ Right of Way Impacts
   ☑ Roadway Length ☐ Construction Costs
   ☑ Earthwork ☐ Project Cost
   ☐ Other

3. What types of vehicles currently use the access road from KY 15 to the Wendell H. Ford Airport? Check all that apply.
   ☑ Single Unit Delivery Vehicles - UPS / FedEx
   ☐ 3-Axle Semi-Trailer
   ☑ Single Unit Trucks - Fuel Trucks / Box Trucks
   ☐ 4-Axle Semi-Trailer
   ☐ 5-Axle Semi-Trailer
   ☐ Other

4. If the airport were to extend the runway length to better accommodate cargo aircraft, what is your expectation that industry will modify shipping practices to more significantly utilize cargo aircraft?
   ☑ High
   ☐ Medium
   ☐ Low
   ☐ Comment: The Industrial Park is located across highway 15.

5. If the runway length were extended to allow for greater utilization of cargo aircraft, what types of vehicles would be anticipated to use the access road from KY 15 to the Wendell H. Ford Airport? Check all that apply.
   ☑ Single Unit Delivery Vehicles - UPS / FedEx
   ☑ 3-Axle Semi-Trailer
   ☑ Single Unit Trucks - Fuel Trucks / Box Trucks
   ☑ 4-Axle Semi-Trailer
   ☐ 5-Axle Semi-Trailer
   ☐ Other

Additional Comments? (Continue on back)
Additional Comments

It is vital to Eastern Kentucky that access to the Wendell H. Ford Airport be improved. The airport and the Coalfields Industrial Park are located next to each other, creating the opportunity for attracting new industry in the region. Extending the runway and improving the access to the airport will help to attract new industry that can provide quality jobs that will benefit Eastern Kentucky. Our region has the workforce and passion to diversify our economy. A nation growth is vital to create an economy so our families can thrive.

Your answers will be given to the Project Team for their use in evaluating the Project. Please return them by mail or email to:

Eric Fischer, P. E.
Palmer Engineering
P. O. Box 747
Winchester, KY 40392-0747
efischer@palmernet.com
859-744-1218
Wendell H. Ford Airport Access
Scoping Study
KY 15 at Trus Joist Lane to Wendell H. Ford Airport
Hazard, Perry County
(Please Print)

Name: Betty Clemons Phone: 606-216-3154

Address Hazard, KY
City, State, Zip
email: hazardco@hazardky.gov

1. The purpose of the project is to improve access to the Wendell H. Ford Airport in Hazard, Perry County, Kentucky. The need for this project arises from substandard conditions of the existing access road, including narrow lanes, little to no shoulders, steep grades, and slope failures. Is the Purpose and Need for the study correctly stated?
   □ Yes □ No If no, then how should the Purpose and Need be modified?

2. What attributes of the proposed alternatives for improving access to the Airport are most important to you? Check all that apply.
   □ Maximum Grade □ Right of Way Impacts
   □ Design Speed □ Construction Costs
   □ Roadway Length □ Project Cost
   □ Earthwork □ Other
   □ Disturbed Area □ Other

3. Of the Alternative Corridors shown – Alternatives 3, 4, or 5, please rank your preference for each alternative with 1 being most preferred.
   Alt 3 Alt 4 Alt 5 Why?

4. If the airport were to extend the runway length to better accommodate cargo aircraft, what is your expectation that industry will modify shipping practices to more significantly utilize cargo aircraft?
   □ High □ Medium □ Low
   Comment: The Industrial Park is located across from the Aerospace Industry is very interested in property of other businesses to set up in the park.

5. If the runway length were extended to allow for greater utilization of cargo aircraft, what types of vehicles would be anticipated to use the access road from KY 15 to the Wendell H. Ford Airport? Check all that apply.
   □ Single Unit Delivery Vehicles – UPS / FedEx
   □ Single Unit Trucks – Fuel Trucks / Box Trucks
   □ 3-Axle Semi-Trailer
   □ 4-Axle Semi-Trailer
   □ 5-Axle Semi-Trailer
   □ Other

Additional Comments? (Continue on back)
To bring jobs and create economic development, a new road to the airport must be built.
Wendell H. Ford Airport Access
Scoping Study
KY 15 at Trus Joist Lane to Wendell H. Ford Airport
Hazard, Perry County
(Please Print)

Name: Hank Spaulding Phone: 606 336-2151
Address: H.A. Spaulding Engineers, 601 Skyline Drive
City, State, Zip: Hazard, KY email: hbspaudling@bellsouth.net

1. The purpose of the project is to improve access to the Wendell H. Ford Airport in Hazard, Perry County, Kentucky. The need for this project arises from substandard conditions of the existing access road, including narrow lanes, little to no shoulders, steep grades, and slope failures. - Is the Purpose and Need for the study correctly stated?
   □ Yes    □ No    If no, then how should the Purpose and Need be modified?

2. What attributes of the proposed alternatives for improving access to the Airport are most important to you? Check all that apply.
   □ Maximum Grade    □ Right of Way Impacts
   □ Design Speed    □ Construction Costs
   □ Roadway Length    □ Project Cost
   □ Earthwork    □ Other
   □ Disturbed Area    □ Other

3. Of the Alternative Corridors shown – Alternatives 3, 4, or 5, please rank your preference for each alternative with 1 being most preferred.
   Alt 3    Alt 4    Alt 5
   Reasonable Cost
   Current Cost
   Why?

4. If the airport were to extend the runway length to better accommodate cargo aircraft, what is your expectation that industry will modify shipping practices to more significantly utilize cargo aircraft?
   □ High    □ Medium    □ Low
   Comment

5. If the runway length were extended to allow for greater utilization of cargo aircraft, what types of vehicles would be anticipated to use the access road from KY 15 to the Wendell H. Ford Airport? Check all that apply.
   □ Single Unit Delivery Vehicles –
     UPS / FedEx
   □ Single Unit Trucks – Fuel Trucks / Box Trucks
   □ 3-Axle Semi-Trailer
   □ 4-Axle Semi-Trailer
   □ 5-Axle Semi-Trailer
   □ Other

Additional Comments? (Continue on back)
Additional Comments

Question was raised about impacts for possible Ind. Development, hopefully can be considered.

Cost used in estimate for utilities looks low for all alternatives. Will be a new Gov. gas line general area.

Steel

Your answers will be given to the Project Team for their use in evaluating the Project. Please turn them in today or mail them by May 3, 2018 to:

Jason K. Blackburn, P. E.
Kentucky Transportation Cabinet – District 10
P. O. Box 621
Jackson, KY 41339
Freight Study Phone Interview QUESTIONNAIRE
Wendell H. Ford Airport Access
Scoping Study
KY 15 at Trus Joist Lane to Wendell H. Ford Airport
Hazard, Perry County
(Please Print)

Name: Joe Grossman Phone: 859-226-4468
Address 2260 Executive Dr
City, State, Zip Lexington KY 40505

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☐ Yes ☐ No If no, then how should the purpose and need be modified?

2. What attributes for improved access to the airport are most important to you?
Check all that apply.
☐ Maximum Grade ☐ Disturbed Area
☐ Design Speed ☐ Right of Way Impacts
☐ Roadway Length ☐ Construction Costs
☐ Earthwork ☐ Project Cost
☐ Other ________________________________

3. What types of vehicles currently use the access road from KY 15 to the Wendell H. Ford Airport? Check all that apply.
☐ Single Unit Delivery Vehicles – UPS / FedExpress ☐ 3-Axle Semi-Trailer
☐ Single Unit Trucks – Fuel Trucks / Box Trucks ☐ 4-Axle Semi-Trailer
☐ 5-Axle Semi-Trailer ☐ Other ________________________________

4. If the airport were to extend the runway length to better accommodate cargo aircraft, what is your expectation that industry will modify shipping practices to more significantly utilize cargo aircraft?
☐ High ☐ Medium
☐ Low ☐ Comment

5. If the runway length were extended to allow for greater utilization of cargo aircraft, what types of vehicles would be anticipated to use the access road from KY 15 to the Wendell H. Ford Airport? Check all that apply.
☐ Single Unit Delivery Vehicles – UPS / FedExpress ☐ 3-Axle Semi-Trailer
☐ Single Unit Trucks – Fuel Trucks / Box Trucks ☐ 4-Axle Semi-Trailer
☐ 5-Axle Semi-Trailer ☐ Other ________________________________

Additional Comments? (Continue on back)