



# Public Notice

**US Army Corps  
of Engineers**  
Louisville District ®

Public Notice No.  
LRL-2015-785-mdh

Open Date:  
27 Nov 2015

Close Date:  
28 Dec 2015

Please address all comments and inquiries to:  
U.S. Army Corps of Engineers, Louisville District  
ATTN: Mr. Michael Hasty, CELRL-OPF-S, Rm 752  
P.O. Box 59  
Louisville, Kentucky 40201-0059

Phone: 502-315-6676

This notice announces an application submitted for a Department of the Army (DA) Permit, subject to Section 404 of the Clean Water Act:

APPLICANT: FedEx Ground Package System, Inc.  
1000 FedEx Drive  
Coraopolis, PA 15108

AGENT: Stantec Consulting Services, Inc.  
10509 Timberwood Circle, Suite 100  
Louisville, KY 40223

LOCATION: Streams and wetlands within a 65-acre parcel near  
Independence in Kenton County, Kentucky.

Latitude: 38°-56'-33" (N)  
Longitude: 84°-36'-41" (W)  
7.5 Minute Quad: UNION AND INDEPENDENCE,  
KENTUCKY.

PURPOSE: Commercial development expansion.

DESCRIPTION OF WORK: FedEx proposes to expand its existing Northern Kentucky Hub by adding three parking areas with connecting roadways (see attached *Figures 1-3*). The additional parking is needed to meet planned increases in package volume handled by the adjacent facility. To facilitate this new development, the applicant proposes to impact approximately 1,430.20 linear feet of five (5) stream channels and 0.724 acre of eight (8) wetlands (see *Tables 1 and 2* below for specific proposed impacts to "waters of the U.S.")

**Table 1: Proposed Wetland Impacts**

Water ID	Type	Impact/Activity	Impacts	
			Length (ft)	Area (ac)
Wetland 6 (W06)	Scrub-Shrub	Fill/Roadway	N/A	0.067
Wetland 7 (W07)	Emergent	Fill/Parking lot	N/A	0.012
Wetland 8 (W08)	Emergent	Fill/Parking lot	N/A	0.206
Wetland 9 (W09)	Scrub-Shrub & Emergent	Fill/Parking lot	N/A	0.035
Wetland 10 (W10)	Emergent	Fill/Parking lot	N/A	0.008
Wetland 11 (W11)	Emergent	Fill/Parking lot	N/A	0.033
Wetland 12 (W12)	Emergent	Fill/Detention basin	N/A	0.343
Wetland 13 (W13)	Emergent	Fill/Detention basin	N/A	0.020
<b>Total Proposed Wetland Impacts:</b>				<b>0.724</b>

**Table 2: Proposed Stream Impacts**

Water ID	RBP Score/Quality	Impact/Activity	Impacts	
			Length (lf)	Area (ac)
Intermittent 4 (UT# 4)	106/Poor	Fill/Road Culvert & Grading	512.3	0.078
Intermittent 5 (UT# 5)	95/Poor	Fill/Road Culvert & Grading	289.3	0.017
Ephemeral 6 (UT# 6)	77/Poor	Fill/Site Grading	325.3	0.017
Ephemeral 7 (UT# 7)	76/Poor	Fill/Site Grading	108.1	0.007
Ephemeral 9 (UT# 9)	67/Poor	Fill/Site Grading	195.2	0.010
<b>Total Proposed Stream Impacts:</b>			<b>1,430.20</b>	

**AVOIDANCE AND MINIMIZATION MEASURES:** The applicant's stated purpose is to expand operations at this existing facility. Further, the proposed expansion into the immediately adjacent 65-acre parcel (referred to as the "Limits of Disturbance" areas on Figure 2) would provide certain efficiencies of time in the staging and loading of trucks that other off-site locations would not allow. For these reasons, other off-site locations were not evaluated. The applicant did consider two design alternatives within the 65 acre parcel to reduce impacts. When compared with Alternative 2, the preferred design (Alternative 1) would reduce impacts to stream channels by 290 linear feet. Further minimization of impacts was not considered practicable due to the limited overall size of the subject expansion parcel (65 acres) and the wide dispersion of waters within it.

**MITIGATION MEASURES:** The applicant proposes to provide compensation for the unavoidable wetland impacts through the purchase of 1.448 acres of wetland credits from an approved mitigation bank with a service area encompassing the proposal. With regard to unavoidable stream impacts, the applicant proposes to provide compensation through the purchase of 1,115.9 Adjusted Mitigation Units (AMUs) from an approved mitigation bank with a service area encompassing the proposal. In the event that purchase of the proposed stream and wetland credits from an approved mitigation bank is unavailable, the applicant proposes to purchase the required stream and/or wetland credits from the Northern Kentucky Stream and Wetland Restoration Program.

It is noted that this proposed mitigation plan is open to comment and subject to change. The Corps will make a determination of appropriate mitigation, upon review of all submitted information.

**REVIEW PROCEDURES:** A DA Permit cannot be issued if any legally required Federal, State, or local authorization or certification is denied. A DA permit, if otherwise warranted, will not be issued until a State of Kentucky Water Quality Certification or waiver is on file at this office. In order to comply with Section 401 of the Clean Water Act, the applicant must apply for State certification from the Kentucky Energy and Environment Cabinet Division of Water (KDOW).

Operations Division  
Regulatory Branch (South)  
Public Notice No. LRL-2015-785-mdh

Copies of this notice are sent to the appropriate Federal and State Fish and Wildlife Agencies. Their views and comments are solicited in accordance with the Fish and Wildlife Coordination Act of 1956. Based on available information, the proposed activity will not destroy or endanger any Federally-listed threatened or endangered species or their critical habitats, as identified under the Endangered Species Act, and therefore, initiation of formal consultation procedures with the U.S. Fish and Wildlife Service is not planned at this time.

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. A request for a public hearing must state the specific interest which might be damaged by issuance of the DA Permit.

The decision whether to issue a permit will be based on an evaluation of the probable impact of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefits which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered; among those are conservation, economics, aesthetic values, general environmental concerns, historic values, fish and wildlife values, flood damage prevention, land use, navigation, recreation, water supply, water quality, energy needs, safety, food production, and in general, the needs and welfare of the public. In addition, the evaluation of the impact of the activity on the public interest will include application of the guidelines (40 C.F.R. Part 230) promulgated by the Administrator, United States Environmental Protection Agency, under authority of Section 404(b) of the CWA.

The Corps of Engineers is soliciting comments from the public; Federal, State, and local agencies and officials; Indian tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. It is presumed that all interested parties and agencies will wish to respond; therefore, a lack of response will be interpreted as meaning that there is no objection to the proposed project. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

Written statements received in this office on or before the closing date will become a part of the official record and will be considered

Operations Division  
Regulatory Branch (South)  
Public Notice No. LRL-2015-785-mdh

in the determination on this permit request. Any objections which are received during this period will be forwarded to the applicant for possible resolution before the determination is made whether to issue or deny the requested DA Permit. A permit will be granted unless its issuance is found to be contrary to the public interest.

Information pertaining to this application is available for public examination during normal business hours upon prior request. Drawings are available on Louisville District's Internet site at <http://www.lrl.usace.army.mil/Missions/Regulatory.aspx>. All comments regarding this proposal should be addressed to Mr. Michael Hasty, CELRL-OPF-S at the address noted above and should refer to the Public Notice Number LRL-2015-785-mdh.

If you desire to submit your comments by email, you must comply with the following:

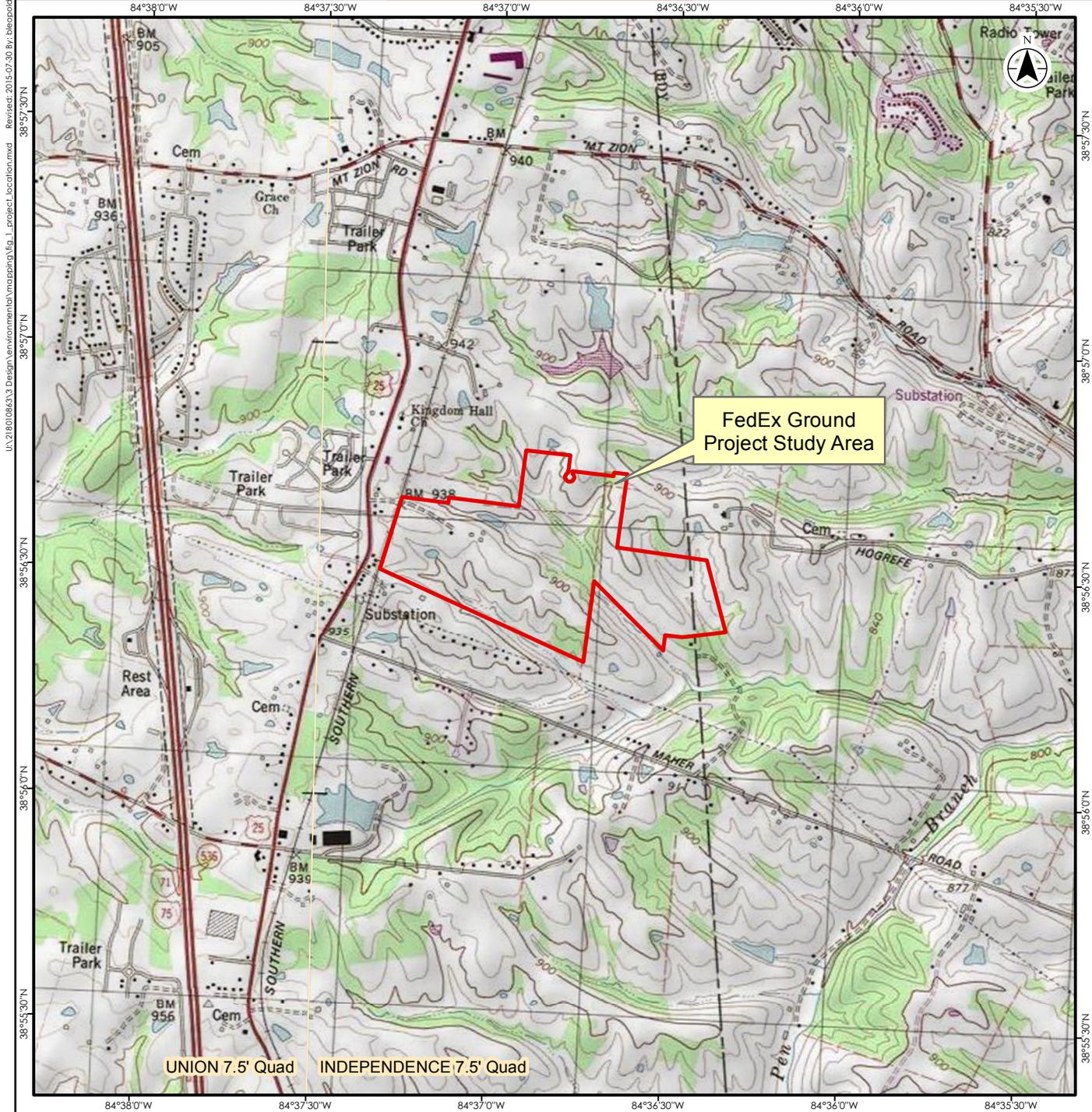
a) In the subject line of your email, type in **ONLY** the Public Notice ID No. LRL-2015-785-mdh.

Example: LRL-2015-785-mdh (subject)

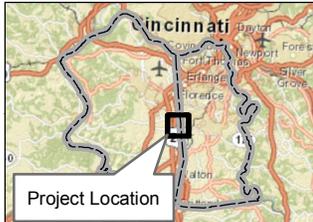
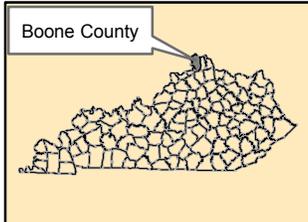
b) Provide your physical mailing address and telephone number.

c) Send your email to: [lrl.regulatorypubliccomment@usace.army.mil](mailto:lrl.regulatorypubliccomment@usace.army.mil).

d) If you are sending attachments greater than 1 Mb in size with your email, you must send a hard copy (CD or paper) to the Corps' physical address as well.



U:\218010863\_3 Design\envision\mental\map\ppp\fig\_1\_project\_location.mxd Revised: 2015-07-30 By: blespoot



Project Location: Union and Independence 7.5' Quads, City of Independence, Boone County, Kentucky  
 218010863  
 Prepared by BL on 2015-06-23

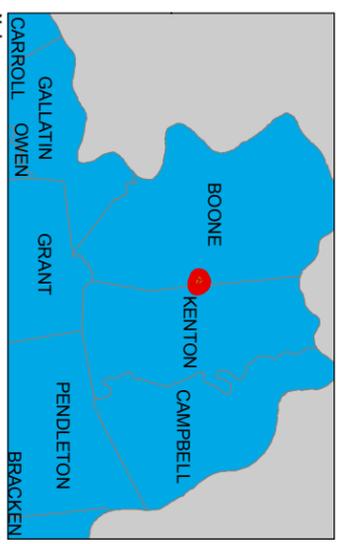
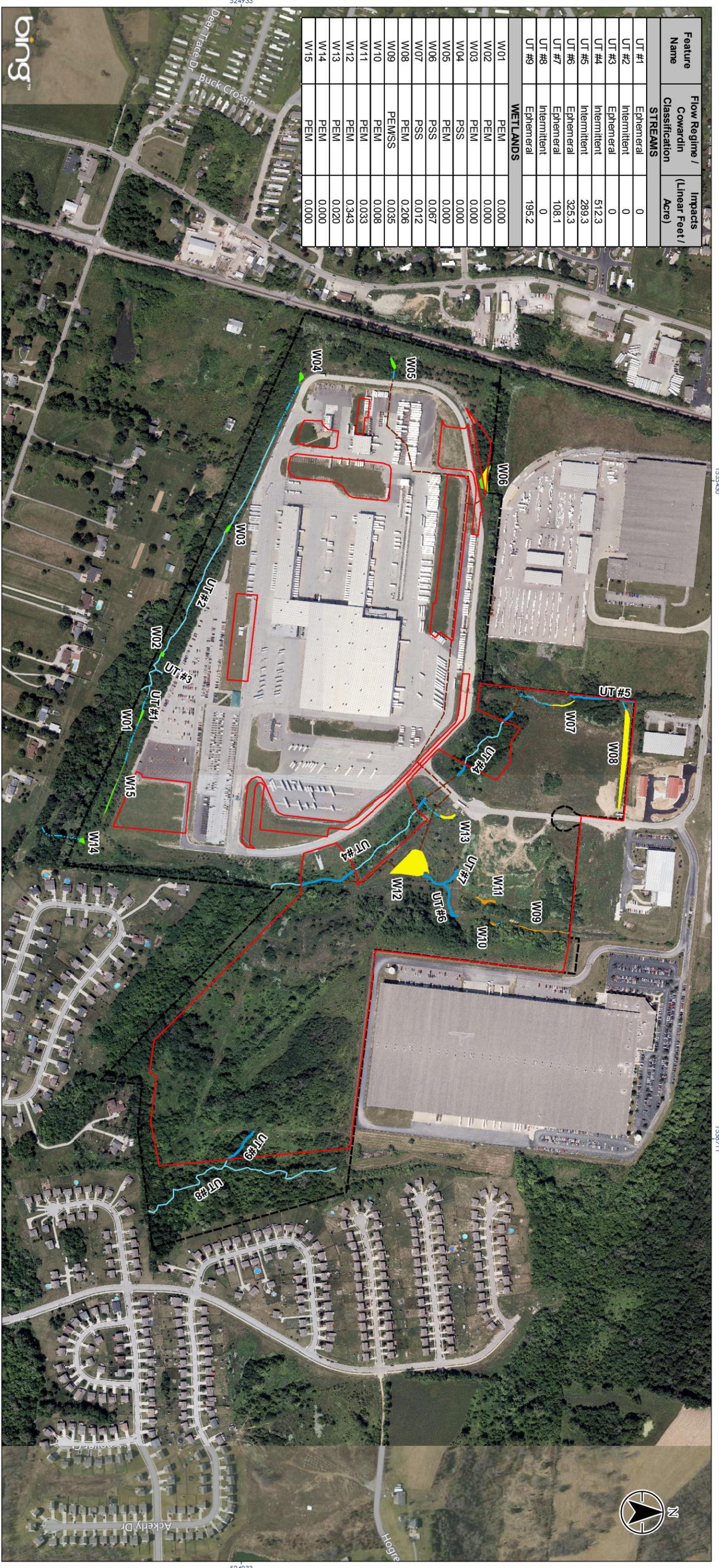
Client/Project: FedEx Ground  
 No. KY Hub Trailer Parking Lot Expansions  
 Stream and Wetland Delineation Report

Figure No. 1  
 Title

**Project Location Map**  
**USGS Topographic Map Base**

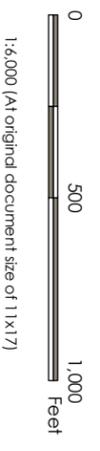
**Notes**  
 1. Coordinate System: NAD 1983 State Plane Kentucky Single Zone FIPS 1600 Feet  
 2. Base features produced from project design elements.  
 3. Service Layer Credits: Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), TomTom, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Feature Name	Flow Regime / Cowardin Classification	Impacts (Linear Feet / Acre)
<b>STREAMS</b>		
UT #1	Ephemeral	0
UT #2	Intermittent	0
UT #3	Ephemeral	0
UT #4	Intermittent	512.3
UT #5	Intermittent	289.3
UT #6	Ephemeral	325.3
UT #7	Ephemeral	108.1
UT #8	Intermittent	0
UT #9	Ephemeral	195.2
<b>WETLANDS</b>		
W01	PEM	0.000
W02	PEM	0.000
W03	PEM	0.000
W04	PSS	0.000
W05	PEM	0.000
W06	PSS	0.067
W07	PSS	0.012
W08	PEM	0.206
W09	PEMSS	0.035
W10	PEM	0.008
W11	PEM	0.033
W12	PEM	0.343
W13	PEM	0.020
W14	PEM	0.000
W15	PEM	0.000



- Notes**
1. Coordinate System: NAD 1983 StatePlane Kentucky North FIPS 1601 Feet
  2. Base Imagery: Project aerial imagery, June 2015 with Bing Aerial Imagery Map Service Layer background.
  3. UT = Unnamed Tributary; PEM = Polustrine Emergent Wetland; PSS = Palustrine Scrub-Shrub Wetland
  4. Wetland Features: Linear Feet and Acreage measurements within Study Area

- Legend**
- Study Area
  - Limits of Disturbance
  - Stream Impact = 1,430.2 linear feet
  - Delineated Stream
  - Wetland Impact (Non-isolated) = 0.791 acre
  - Wetland Impact (Isolated) = 0.076 acre
  - Wetland (Non-isolated) Not Impacted
  - Non-Jurisdictional Wetland Conveyance
  - Culvert / Storm Sewer



**Project Location**  
 City of Independence  
 Boone County, Kentucky

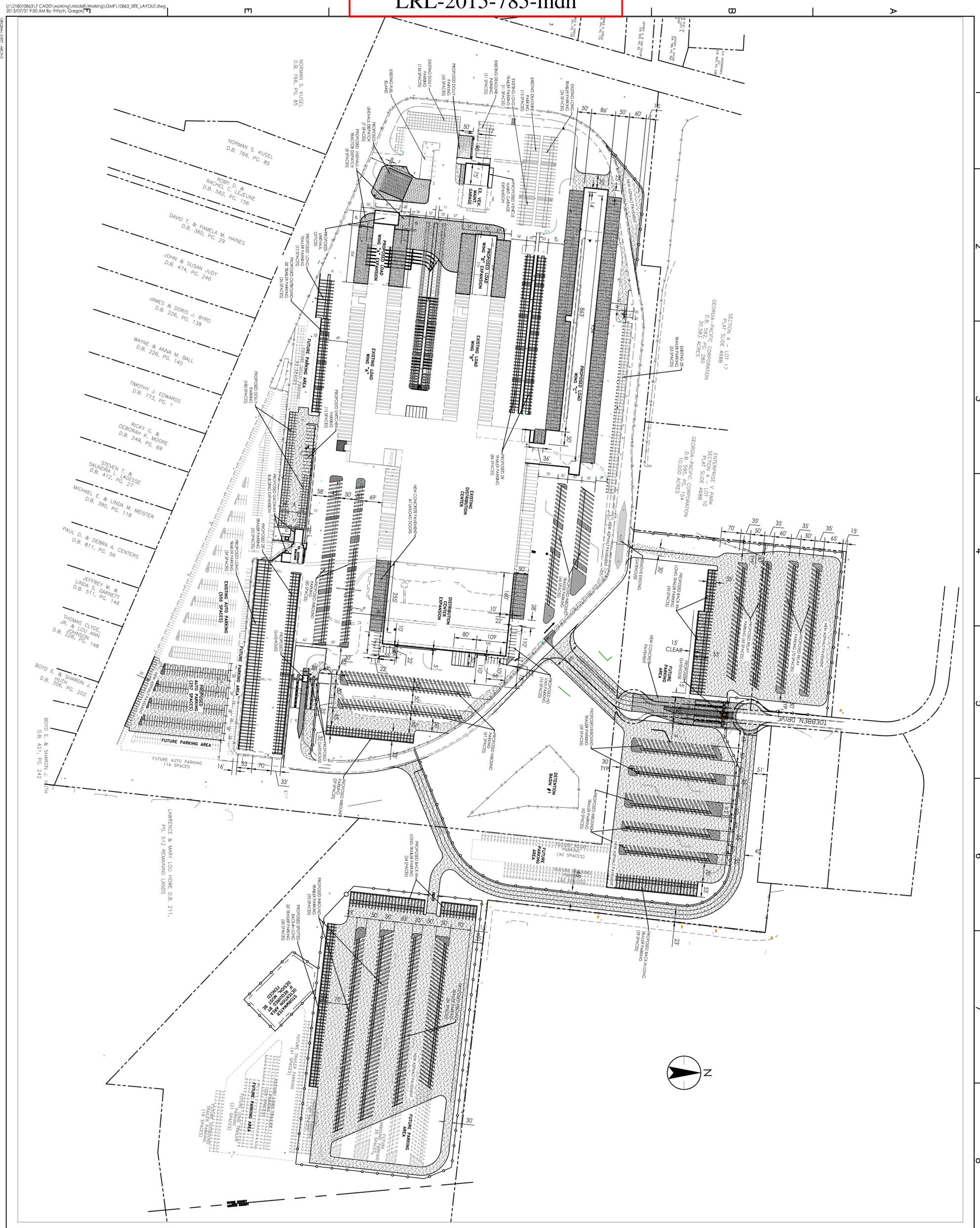
**Prepared by:** Jseo on 2015-07-31  
**Technical Review by:** BL on 2015-07-31

**Client/Project**  
 FedEx Ground  
 Northern Kentucky Hub Trailer Parking Lot Expansions  
 Stream and Wetland Delineation Report

**Resources Impacted**

Figure No. **2**

LRL-2015-785-mdh



Stantec (Pittsburgh) 10509 Timewood Circle Suite 100  
 Pittsburgh, PA 15222-3900 Louisville, KY 40223-5301  
 Tel. 412.394.7000 Tel. 502.212.5000  
 www.stantec.com www.stantec.com

**Copyright Reserved**  
 All drawings and specifications are the property of Stantec. No part of this drawing shall be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without the prior written permission of Stantec. Reproduction of this drawing for any purpose other than that authorized by Stantec is prohibited.

- Consultants**
- Legend**
- NEW BUILDING
  - PROPOSED ASPHALT PAVEMENT
  - PROPOSED CONCRETE PAVEMENT
  - EXISTING FENCE
  - PROPOSED FENCE
  - PROPERTY LINE

**NOTES**

**Preliminary- Not for Construction**

**Revision**

By	Date	Description
Aspd	06/03/17	

**75% PROCEED SET**

Issued By: Aspd Date: 05/12/2015

Permit/Seal: [Blank]

**Client/Project**

**FedEX Ground** FACILITIES & MATERIAL HANDLING SYSTEMS  
 1000 FedEx Drive  
 Mason Township, PA 15108  
 412-268-1000

**CY16 Hub Expansion Project**  
 11000 Toeppen Drive, Independence, KY 41051

**PRELIMINARY SITE PLAN**

Project No. 218010843 Scale 1"=150'

Figure 3