This is the second presentation of this project at a USACE meeting. The last presentation was on November 6, 2015. The project has also been presented at four NEPA/404 Merger meetings, the last time on September 7, 2016. At that meeting, the USACE deferred concurrence on the preferred alternative until additional information regarding wetland impacts is provided. The other agencies issued concurrence. The purpose of this meeting is to obtain USACE concurrence on the preferred alternative. The following items were discussed.

1. The project is located in northeast Lake County at the Wisconsin state line. The scope of the project is to widen and reconstruct seven miles of IL 131 to provide two lanes in each direction separated by a median, pedestrian and bicyclist accommodation, as well as intersection and drainage improvements.

2. The project is anticipated to impact 0.38 acres of wetlands and 0.032 acres of WOUS that are under the jurisdiction of USACE. A Jurisdictional Determination was issued by the USACE on January, 10, 2017. Total wetland and WOUS impacts for the project are 2.91 and 0.032 acres, respectively. Since the jurisdictional impacts are less than one acre, a regional permit is anticipated.

3. At the September 2016 NEPA meeting, the USACE questioned why the preferred alternative had more wetland impacts than Refined Alternatives E1 and E2. After Refined Alternative E1 and E2 were evaluated, the project scope changed to accommodate the expansion of the Waukegan Regional Airport which required IL 131 to be depressed under a proposed taxiway. As a result, the proposed drainage scope expanded to include a pump station and bypass sewers. The impacts for the Preferred Alternative were based on the expanded scope, but the Refined Alternatives E1 and E2 were not updated which created an unbalanced comparison with the Preferred Alternative as presented at the September 2016 NEPA/404 Merger meeting.

The Refined Alternatives E1 and E2 have now been evaluated using the current project area, and design. The impacts for the Preferred Alternative from the September 2016 NEPA/404 Merger meeting and current design were also compared. The current Preferred Alternative has the least wetland impacts. See the Updated Wetland Impacts for Refined Alternatives E1 and E2 table.
4. At the September 2016 NEPA meeting the USACE noted it is undesirable for BMPs to increase wetland impacts. As a result, the proposed regional detention basin has been shifted north out of Wetland 19.

5. The USACE previously noted Wetlands 19, 33, 40, 41 and 50 are high quality and should have BMPs. BMPs at these and all locations in the projects are listed in the Best Management Practice Table and are highlighted on the BMP Exhibits.

6. A pump station bypass sewer is proposed to outlet roadway discharge directly into Wetland 69, a HQAR, due to the existing topography. A BMP was not proposed since it would result in additional wetland impacts. Since this wetland is a HQAR, the USACE requested a BMP be evaluated. Post meeting note – The bypass sewer was reevaluated and is able to be discharged approximately 50 feet prior to the wetland. A 100-foot long vegetated ditch is proposed from the sewer and into the wetland for water quality. As a result, the anticipated wetland impact increases from 0.014 to 0.026 acres. Total wetland impacts under USACE jurisdiction are anticipated to be 0.393. See Sheet 8A of the BMP Exhibits.

7. The USACE expects to provide concurrence of the Preferred Alternative.

8. The Environmental Assessment is being prepared. A public hearing is anticipated in 2017.

9. The USACE number for the project is LRC-2010-518.

Attachments
Presentation
Updated Wetland Impacts for Refined Alternatives E1 and E2 (Jan 2017)
Proposed BMPs (Jan 2017)
BMP Exhibits (Feb 2017) – Updated Post Meeting
USACE Impacted Wetland and WOUS Summary (Feb 2017)
USACE Jurisdictional Determination Letter dated January 17, 2017

By: Scott Czaplicki
IDOT/Programming-Consultant
<table>
<thead>
<tr>
<th>Name</th>
<th>Organization</th>
<th>Phone</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alycia Klueenberg</td>
<td>IDOT Huff &amp; Huff</td>
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<td><a href="mailto:alycia.klueenberg@illinois.gov">alycia.klueenberg@illinois.gov</a></td>
</tr>
<tr>
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<td>Melissa del Rosario</td>
<td>IDOT Maintenance</td>
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<td><a href="mailto:melissa.delrosario@illinois.gov">melissa.delrosario@illinois.gov</a></td>
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<td>Kathy Oleniak</td>
<td>USACE</td>
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<tr>
<td>Vanessa Quist</td>
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<td><a href="mailto:Vanessa.Quist@illinois.gov">Vanessa.Quist@illinois.gov</a></td>
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<td>847-705-4765</td>
<td><a href="mailto:AGAR.Shirani@illinois.gov">AGAR.Shirani@illinois.gov</a></td>
</tr>
<tr>
<td>John Baczek</td>
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<td>847-705-4124</td>
<td><a href="mailto:John.Baczek@illinois.gov">John.Baczek@illinois.gov</a></td>
</tr>
<tr>
<td>Corey Smith</td>
<td>IDOT FROG</td>
<td>847-705-5188</td>
<td><a href="mailto:Corey.Smith@illinois.gov">Corey.Smith@illinois.gov</a></td>
</tr>
</tbody>
</table>
## USACE Jurisdictional Wetland/WOUS Impact Table
February 2017

### Wetland Type Mean C Value Floristic Quality Index (FQI) Preferred Alternative (Feb 2017) Proposed BMP

<table>
<thead>
<tr>
<th>Wetland Site Number</th>
<th>PDP Sheet No.</th>
<th>Wetland Type</th>
<th>Mean C Value</th>
<th>Floristic Quality Index (FQI)</th>
<th>Preferred Alternative (Feb 2017)</th>
<th>Proposed BMP</th>
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</thead>
<tbody>
<tr>
<td>55</td>
<td>2</td>
<td>Marsh</td>
<td>2.3</td>
<td>9.3</td>
<td>0.030</td>
<td>None - No roadway discharge into wetland</td>
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<tr>
<td>72</td>
<td>2</td>
<td>Wet Meadow</td>
<td>2.7</td>
<td>6.5</td>
<td>0.00</td>
<td>None - No roadway discharge into wetland</td>
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<tr>
<td>51</td>
<td>4</td>
<td>Wet Meadow</td>
<td>3.0</td>
<td>13.5</td>
<td>0.090</td>
<td>None - No roadway discharge into wetland</td>
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<tr>
<td>52</td>
<td>4</td>
<td>Forested Wetland</td>
<td>2.3</td>
<td>6.4</td>
<td>0.050</td>
<td>None - No roadway discharge into wetland</td>
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<tr>
<td>53</td>
<td>4</td>
<td>Wet Meadow</td>
<td>2.6</td>
<td>13.8</td>
<td>0.000</td>
<td>Overland vegetation (100’) and riprap</td>
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<tr>
<td>70</td>
<td>6A</td>
<td>Marsh / Wet Meadow</td>
<td>3.8</td>
<td>32.8</td>
<td>0.000</td>
<td>None - No roadway discharge into wetland</td>
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<tr>
<td>71</td>
<td>6A</td>
<td>Wet Shrubland</td>
<td>3.4</td>
<td>23.8</td>
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<tr>
<td>69</td>
<td>8A</td>
<td>Marsh</td>
<td>3.3</td>
<td>25.4</td>
<td>0.026</td>
<td>Vegetated ditch (100’)</td>
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<td>41</td>
<td>11</td>
<td>Forested / Marsh</td>
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<td>0.000</td>
<td>Overland vegetation (150’)</td>
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<td>40</td>
<td>11A</td>
<td>Marsh / Wet Meadow</td>
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<td>19.6</td>
<td>0.000</td>
<td>None - No roadway discharge into wetland</td>
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<td>65</td>
<td>21A</td>
<td>Wet Meadow</td>
<td>2.1</td>
<td>9.6</td>
<td>0.074</td>
<td>Vegetated ditch (10’)</td>
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<tr>
<td>7</td>
<td>25</td>
<td>Wet Meadow</td>
<td>2.7</td>
<td>4.6</td>
<td>0.080</td>
<td>None - Entire wetland impacted</td>
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<td>8</td>
<td>25</td>
<td>Marsh</td>
<td>2.4</td>
<td>12.2</td>
<td>0.033</td>
<td>Vegetated ditch (100’)</td>
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<td>9</td>
<td>25</td>
<td>Wetland Pond</td>
<td>3.0</td>
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<td>58</td>
<td>32</td>
<td>Marsh</td>
<td>2.8</td>
<td>16.4</td>
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<td>None - No roadway discharge into wetland</td>
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### Total Impacts - USACE Jurisdictional Wetlands (Acres) 0.393

### Watershed Community Type Waters Type Preferred Alternative (Feb 2017) Proposed BMP

<table>
<thead>
<tr>
<th>WOUS Site Number</th>
<th>PDP Sheet No.</th>
<th>Watershed</th>
<th>Community Type</th>
<th>Waters Type</th>
<th>Preferred Alternative (Feb 2017)</th>
<th>Proposed BMP</th>
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<tr>
<td>W7</td>
<td>4</td>
<td>Des Plaines River</td>
<td>Stream/Ditch</td>
<td>NRPW</td>
<td>0.010</td>
<td>None - Entire WOUS impacted</td>
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<td>W6</td>
<td>6A, 8A</td>
<td>Des Plaines River</td>
<td>Stream</td>
<td>RPW</td>
<td>0.000</td>
<td>Existing vegetated ditch (600’)</td>
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<tr>
<td>W4</td>
<td>25</td>
<td>Des Plaines River</td>
<td>Stream</td>
<td>RPW</td>
<td>0.001</td>
<td>Permanent ditch checks for retention</td>
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<tr>
<td>W5</td>
<td>25</td>
<td>Des Plaines River</td>
<td>Stream</td>
<td>RPW</td>
<td>0.021</td>
<td>Permanent ditch checks for retention</td>
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</tbody>
</table>

### Total Impacts - USACE Jurisdictional WOUS (Acres) 0.032

### Total Impacts - USACE Jurisdictional Wetland and WOUS (Acres) 0.425

Note - The impacts for Wetland 69 increased from 0.014 to 0.026 since the January 20, 2017 USACE meeting to provide a 100’ vegetated swale.

S:\WP\p\es\CONSULT\Projects - Active\l 131 from Russell to Sunset\Correspondence\USACOE\2017-01-05 USACE #2\USACE Wetland Impacts (Feb 2017).xlsx|Sheet1
Sunset Avenue to Russell Road

U.S. Army Corps of Engineers
Meeting No. 2

January 20, 2017
ILLINOIS ROUTE 131 | PREFERRED ALTERNATIVE

4-LANE WITH FLUSH MEDIAN, CURB AND CUTTER, AND SHARED USE PATH

STA. 1604+40 < TO > STA. 1679+00
(SUNSET AVENUE) (YORKHOUSE ROAD)

5' WALK 12' LANE 12' LANE 13' FLUSH MEDIAN LANE 12' LANE 5' SHARED USE PATH

55'-70' 41.25' 41.25' 55'-75'

IL131 GREEN BAY ROAD PROJECT
www.IL131Project.com
Illinois Department of Transportation
ILLINOIS ROUTE 131 | PREFERRED ALTERNATIVE

Preferred Alternative
4-LANE WITH LANDSCAPED BARRIER MEDIAN, CURB AND GUTTER, SIDEWALK AND SHARED USE PATH

STA. 1679+00* < TO > STA. 1968+00
(YORKHOUSE ROAD) AND (STONE BRIDGE DRIVE)
STA. 1932+30 (9TH STREET)

*See Illinois Route 131 Proposed Typical Section at Waukegan National Airport.

IL 131
GREEN BAY ROAD PROJECT

www.IL131Project.com

**14' BARRIER MEDIAN FROM YORKHOUSE ROAD TO 33RD STREET.

Illinois Department of Transportation
ILLINOIS ROUTE 131 | PREFERRED ALTERNATIVE

- Preferred Alternative
- 4-lane with landscaped barrier median, shoulder, sidewalk and shared use path
- STA 1905+00 (Stone Bridge Drive) to STA 1932+30 (9th Street)
- STA 1968+00 to STA 1988+80 (Russell Road)

8'-10'
Shared use path

10' Shoulder lane
12' Lane
12' Lane
22' Turn lane/barrier median
12' Lane
12' Shoulder

80'-85'
80'-85'

70'-90'

www.IL131Project.com

Illinois Department of Transportation
### Exhibit 2A
Alternatives Evaluation Matrix

**PROJECT TOTAL**
RUSSELL ROAD to SUNSET AVENUE

<table>
<thead>
<tr>
<th>Impact</th>
<th>Unit</th>
<th>No-Build Alternative</th>
<th>Refined Alternative E1</th>
<th>Refined Alternative E2</th>
<th>Preferred Alternative E3</th>
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<td>Length</td>
<td>mi</td>
<td>N/A</td>
<td>7.28</td>
<td>7.28</td>
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<td>Estimated Construction Cost $</td>
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<td>Cost per Linear Foot</td>
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<td>Estimated Construction Cost of Shared Use Path and Sidewalk</td>
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<td>$2,884,000</td>
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<td>Estimated Construction Cost of Retaining Walls $</td>
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<td>$0</td>
<td>$2,167,700</td>
<td>$4,783,700</td>
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<td>Land Acquisition Cost $</td>
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<td>$0</td>
<td>$8,938,000</td>
<td>$6,042,000</td>
<td>$7,961,000</td>
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<td>Residential Acquisition ac</td>
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<td>Potential Residential Relocations each</td>
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<td>46</td>
<td>8</td>
<td>3</td>
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<td>Farmland Acquisition ac</td>
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<td>1</td>
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<td>35</td>
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<td>Impacts to Section 4(f) Lands (Assessment or de minimis) ac</td>
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<td>1.1</td>
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# Updated Alternative Comparison

## IL 131 Green Bay Road Project

Sunset Avenue to Russell Road

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<tbody>
<tr>
<td></td>
<td>0</td>
<td>2.67</td>
<td>2.35</td>
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<td>Impacted Wetlands (Sept 2016)</td>
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### Additional impacts based on expanded project area and refined design

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<tr>
<th>Wetland Site</th>
<th>Reason for Change</th>
<th>PDP Sheet</th>
<th>No-Build Alternative</th>
<th>Refined Alternative E1</th>
<th>Refined Alternative E2</th>
<th>Preferred Alternative</th>
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<tr>
<td>6</td>
<td>Refined drainage design for storm sewer/ditch</td>
<td>27</td>
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<td>0.000</td>
<td>0.130</td>
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<td>18</td>
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<td>Taylor Lane storm sewer outlet</td>
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<td>69</td>
<td>Bypass sewer for depressed IL 131 to minimize pump station area</td>
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<td>0.014</td>
<td>0.014</td>
<td>-</td>
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<td>3.11</td>
<td>2.99</td>
<td>2.91</td>
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Relocated BMPs

Sunset Avenue to Russell Road

IL131
GREEN BAY ROAD PROJECT

OUTLET #25
Area 35-1 + 35-2 = 14.6 acres

OUTLET #20
Area 36-1 + 36-2 = 7.6 acres

EXISTING WETLAND SITE 19
TOTAL AREA = 0.804 AC
PERM IMPACT = 0.404 AC
PLACE "NO INTRUSION"
FENCING AT WETLAND #19
NORTHERN BOUNDARY

BYPASS PIPE
RELEASE RATE:
Q10 = 1,414 CFS
Q100 = 1,822 CFS

ELEVATION
758.70

50-YR STORM WATER RETENTION
87.440 SF FT 1.20 AC-FRT

REGIONAL DETENTION BASIN #1
10-YR WSE = 730.63
50-YR WSE = 736.52
10-YR STORAGE VOLUME = 0.21 AC-FRT
50-YR STORAGE VOLUME = 0.28 AC-FRT

AREA 35-4

TRIBUTARY AREA
MEASURED AREA (ACRES)
35-2  4.63
35-3  0.61
35-4  1.48
35-5  0.36
35-6  0.33
36-3  0.92
36-1  3.89
36-2  3.74

VEGETATIVE SWALE
DESIGNED IN PHASE II

NOTES:
1. SEE SHEET 1 FOR LEGEND
2. SEE EXISTING DRAINAGE PLAN FOR DRAINAGE
3. AREAS NOT SHOWN ON PROPOSED DRAINAGE PLAN
4. BARRIER LOCATION TO BE DETERMINED DURING SHEET II DESIGN

WORKING TOGETHER... Creating a Plan For Your Community
www_IL131Project_com
<table>
<thead>
<tr>
<th>Wetland Site</th>
<th>FQI</th>
<th>PDP Sheet</th>
<th>Best Management Practice (BMP) Provided</th>
</tr>
</thead>
<tbody>
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<td>11</td>
<td>Storm sewer outlets sheet flows over 150 feet prior to reaching wetland</td>
</tr>
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</tr>
<tr>
<td>21</td>
<td>6.4</td>
<td>16</td>
<td>Storm sewer outlets 100 feet prior to wetland</td>
</tr>
<tr>
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<td>18.8</td>
<td>17</td>
<td>Stormwater is routed through regional detention basin prior to outletting into wetland. The basin was moved to the north out of wetland. No roadway runoff discharges directly into wetland. Basin overexcavated to provide stormwater retention</td>
</tr>
<tr>
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<td>5.6</td>
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</tr>
<tr>
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</tr>
<tr>
<td>W4</td>
<td>-</td>
<td>25-27</td>
<td>Permanent ditch checks for retention</td>
</tr>
<tr>
<td>2</td>
<td>3.5</td>
<td>30-31</td>
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</tr>
</tbody>
</table>
Questions/Discussion
Concurrence
# Illinois Route 131
Sunset Avenue to Russell Road
Lake County

**Updated Wetland Impacts for Refined Alternatives E1 and E2**
January 20, 2017

<table>
<thead>
<tr>
<th>Wetland Site</th>
<th>Reason for Change</th>
<th>PDP Sheet</th>
<th>No-Build Alternative</th>
<th>Refined Alternative E1</th>
<th>Refined Alternative E2</th>
<th>Preferred Alternative</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>Refined drainage design for storm sewer/ditch</td>
<td>27</td>
<td>0</td>
<td>0.000</td>
<td>0.076</td>
<td>-</td>
</tr>
<tr>
<td>8</td>
<td>Refined drainage design for storm sewer/ditch</td>
<td>25</td>
<td>0</td>
<td>0.000</td>
<td>0.130</td>
<td>-</td>
</tr>
<tr>
<td>18</td>
<td>Bypass pipe around detention pond for offsite flow</td>
<td>17</td>
<td>0</td>
<td>0.124</td>
<td>0.124</td>
<td>-</td>
</tr>
<tr>
<td>19</td>
<td>Regional detention basin</td>
<td>17</td>
<td>0</td>
<td>0.065</td>
<td>0.065</td>
<td>-0.216</td>
</tr>
<tr>
<td>60</td>
<td>Refined drainage design</td>
<td>24</td>
<td>0</td>
<td>0.160</td>
<td>0.160</td>
<td>-</td>
</tr>
<tr>
<td>65</td>
<td>Taylor Lane storm sewer outlet</td>
<td>21A</td>
<td>0</td>
<td>0.074</td>
<td>0.074</td>
<td>-</td>
</tr>
<tr>
<td>69</td>
<td>Bypass sewer for depressed IL 131 to minimize pump station area</td>
<td>8A</td>
<td>0</td>
<td>0.014</td>
<td>0.014</td>
<td>-</td>
</tr>
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**Impacted Wetlands (Dec 2016)**

<table>
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<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>0</td>
<td>3.11</td>
<td>2.99</td>
<td>2.91</td>
</tr>
</tbody>
</table>

---

S:\WP\p&es\CONSULT\Projects - Active\IL 131 from Russell to Sunset\Correspondence\USACOE\2017-01-05 USACE #2\[Wetland Impacts (Updated E1 and E2).xlsx]exhibit

---
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*S:\WP\p&es\CONSULT\Projects - Active\IL 131 from Russell to Sunset\Correspondence\USACOE\2017-01-05 USACE #2\BMP Table.xlsx|Sheet1*
NOTES:
1. SEE SHEET 1 FOR LEGEND
2. SEE EXISTING DRAINAGE PLAN FOR DRAINAGE AREAS NOT SHOWN ON PROPOSED DRAINAGE PLAN
3. INLET LOCATIONS TO BE DETERMINED DURING PHASE II DESIGN

MATCH LINE STA. 102+00 - SEE SHEET 6

WETLAND SITE 70
TOTAL AREA: 10.23 AC
NO IMPACTS

WETLAND SITE 71
AREA WITHIN PROJECT: 0.09 AC
NO IMPACTS

EX GROUND AT ~

32 PMS

MATCH LINE STA. 114+00 - SEE ABOVE LEFT

MATCH LINE STA. 114+00

710 715 720 725

705 710 715 720

700 705 710 715

695 700 705 710

690 695 700 705

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL RTE 131 FROM SUNSET AVENUE TO RUSSELL ROAD

100-YR HGL
54" @ 0.15%

50-YR HGL

PROPOSED DRAINAGE PLAN AND PROFILE

INV. = 695.00
INV. = 696.50

EXHIBIT 2-00a
NOTES:
1. SEE SHEET 1 FOR LEGEND
2. SEE EXISTING DRAINAGE PLAN FOR DRAINAGE AREAS NOT SHOWN ON PROPOSED DRAINAGE PLAN
3. SEE PUMP STATION HYDRAULIC REPORT FOR RELEVANT DESIGN INFORMATION
4. ALL ADJACENT LAND TO BE ACQUIRED BY WAUKEGAN NATIONAL AIRPORT

EXISTING WETLAND SITE 69
TOTAL AREA: 16.2 AC
PERM. IMPACT: 0.026 AC
(ALL WETLANDS ULTIMATELY EXPECTED TO BE MITIGATED WITH AIRPORT RUNWAY EXPANSION)

PROPOSED DITCH - SEE DETAIL A
50' BUFFER FROM PIPE OUTFALL TO WETLAND SITE 69

MATCH INTO EXISTING SLOPE (TYP.)

NATIVE WETLAND GRASS MIXTURE
FURNISH AND PLACE TOPSOIL, 12"

PROPOSED DITCH - SEE DETAIL A

2.5:1

3'-0" (TYP.)

50' BUFFER AREA

IP_PWP: DESIGNED - CHECKED - DRAWN - CHECKED - REVISED - REVISED - REVISED - REVISED -
12" CMP 12" CMP

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

100-YR HGL
50-YR HGL
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DETAIL A - PROPOSED CULVERT MANDLE ON SHEET 17

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3. INLET LOCATIONS TO BE DETERMINED DURING PHASE II DESIGN

MATCH LINE STA. 1825+00
MATCH LINE STA. 1838+50

EXIST. RT. OF WAY
PROP. R.O.W.
PROP. R.O.W.

EXIST. R.O.W.
PROP. R.O.W.
PROP. R.O.W.

AREAS NOT SHOWN ON PROPOSED DRAINAGE PLAN

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3. INLET LOCATIONS TO BE DETERMINED DURING PHASE II DESIGN
EXISTING RIGHT EDGE OF PAVEMENT

100-YR HGL

705.06
705.59
706.35
706.96
707.33
707.76
708.30
708.77
709.11
709.47
709.83
710.47
711.14
712.10
713.33
714.58

14+00
13+00
12+00
11+00
10+00
9+00
8+00
7+00
6+00
5+00
4+00
3+00
2+00

WETLAND SITE 65
TOTAL AREA 80.9 AC
MOW, IMPACTS 24.07 AC

EXISTING RIGHT EDGE OF PAVEMENT

36" RCP

@ 1.10%

@ 0.88%

@ 1.19%

@ 0.31%

29" x 45" CPRCHE

@ 0.10%

Inv. 700.47
+63.48 LT, El. 700.47

MATCH LINE STA. 1+50 SEE SHEET 21

TRIM EX 15" CMP

8'-0" (TYP.)

(SEE DETAIL A)

DETAIL A
(29" x 45" CPRCHE PIPE TEE)

ELEVATION - OPENING

ELEVATION - SIDE VIEW

PLAN

TAYLOR LANE

EXHIBIT 2-00a

*SEE SHEET 1 FOR LEGEND

100-YR HGL

10-YR HGL

50

45

9

2'-8"

I.D.

8'-0"

4'-6"

3'-2"

2'-0"

2'-8"

3'-2"
NOTES:
1. SEE SHEET 5 FOR LEGEND
2. SEE EXISTING DRAINAGE PLAN FOR DRAINAGE AREAS NOT SHOWN ON PROPOSED DRAINAGE PLAN
3. INLET LOCATIONS TO BE DETERMINED DURING PHASE II DESIGN

TRIBUTARY AREA

<table>
<thead>
<tr>
<th>AREA</th>
<th>MEASURED AREA (ACRES)</th>
</tr>
</thead>
<tbody>
<tr>
<td>41C-1</td>
<td>0.89</td>
</tr>
<tr>
<td>41C-2</td>
<td>0.36</td>
</tr>
</tbody>
</table>

| AREA 41C-1+41C-2 = 1.24 acres |
NOTES:
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DEPARTMENT OF THE ARMY
CHICAGO DISTRICT, CORPS OF ENGINEERS
231 SOUTH LA SALLE STREET
CHICAGO, ILLINOIS 60604-1437

January 10, 2017

Technical Services Division
Regulatory Branch
LRC-2010-00518

SUBJECT: Approved Jurisdictional Determination for Illinois Route 131 from Russell Road to Sunset Avenue in Waukegan, Beach Park, Winthrop Harbor, Wadsworth, and Zion in Lake County, Illinois

John Fortmann
Illinois Department of Transportation
201 West Center Court
Schaumburg, Illinois 60196

Dear Mr. Fortmann:

This is in response to your request that the U.S. Army Corps of Engineers complete a jurisdictional determination for the above-referenced site. The subject project has been assigned number LRC-2010-00518. Please reference this number in all future correspondence concerning this project.

Following a review of the information you submitted, this office has determined that the subject property contains "waters of the United States" as well as non-jurisdictional features. Sites 7-9, 40, 41, 51-53, 55, 58, 65, 69-72, W4-W7 have been determined to be under the jurisdiction of this office and therefore, subject to Federal regulation.

Sites 4, 6, 10, 11, 14, 15, 17-19, 21-27, 29-39, 42, 45-50, 57, 59-60 and 66 have been determined to be isolated and therefore not subject to Federal regulation. Sites 12, 13, 28, 56, 61-63 and 67-68 are detention basins constructed in upland and are not under the jurisdiction of this office. Sites W3, W8 and W9 are roadside ditches and not under the jurisdiction of this office. Please be informed that this office does not concur with the boundaries of waters not under the jurisdiction of this office.

This office concurs with the submitted wetland delineation and wetland boundaries at the subject site. This confirmation is valid for a period of five years from the date of this letter unless new information warrants revision of the delineation prior to the expiration date.

For a detailed description of our determination please refer to the enclosed decision document. This determination covers only your project as depicted in the document titled “Wetland Delineation Report – Project Site: IL 131 (FAP880/FAP 2711) Addendum A – Lake County, Illinois” dated July 2013, prepared by the Illinois Natural History Survey.
This determination is valid for a period of five (5) years from the date of the letter, unless new information warrants revision of the determination before the expiration date or a District Commander has identified, after public notice and comment, that specific geographic areas with rapidly changing environmental conditions merit re-verification on a more frequent basis.

This letter is considered an approved jurisdictional determination for your subject site. If you object to this determination, you may appeal, according to 33 CFR Part 331. Enclosed you will find a Notification of Appeal Process (NAP) fact sheet and a Request for Appeal (RFA) form. If you request to appeal the above determination, you must submit a completed RFA form to the Great Lakes/Ohio River Division Office at the following address:

Jacob Siegrist
Appeal Review Officer
Great Lakes and Ohio River Division
CELRD-PD-REG
550 Main Street, Room 10032
Cincinnati, Ohio 45202-3222
Phone: (513) 684-2699 Fax: (513) 684-2460

In order to be accepted, your RFA must be complete, meet the criteria for appeal and be received by the Division Office within sixty (60) days of the date of the NAP. If you concur with the determination in this letter, submittal of the RFA form to the Division office is not necessary.

This determination has been conducted to identify the limits of the Corps Clean Water Act jurisdiction for the particular site identified in this request. This determination may not be valid for the wetland conservation provisions of the Food Security Act of 1985, as amended. If you or your tenant are USDA program participants, or anticipate participation in USDA programs, you should request a certified wetland determination from the local office of the Natural Resources Conservation Service prior to starting work.

It is your responsibility to obtain any required state, county, or local approvals for impacts to wetland areas not under the Department of the Army jurisdiction. For projects in unincorporated areas of Lake County, please contact Lake County Planning, Building and Development at (847) 377-2600. For projects in incorporated areas of Lake County, please contact the Lake County Stormwater Management Commission at (847) 377-7700.

Pursuant to Section 404 of the Clean Water Act, the U.S. Army Corps of Engineers regulates the discharge of dredged or fill material into waters of the United States, including wetlands. A Department of the Army permit is required for any proposed work involving the discharge of dredged or fill material within the jurisdiction of this office. To initiate the permit process, please submit a joint permit application form along with detailed plans of the proposed work. Information concerning our program, including the application form and an application checklist, can be found at and downloaded from our website: http://www.lrc.usace.army.mil/Missions/Regulatory.aspx
If you have any questions, please contact Mr. Soren Hall of my staff by telephone at (312) 846-5532 or email at Soren.G.Hall@usace.army.mil.

Sincerely,

CHERNICH.KATHLEEN.
G.1230365616
2017.01.18 17:05:51
-06'00'

Kathleen G. Chernich
Chief, East Section
Regulatory Branch

Enclosures

Copy Furnished w/out Enclosures

Huff & Huff (Alycia Kluenenberg)
# NOTIFICATION OF ADMINISTRATIVE APPEAL OPTIONS AND PROCESS AND REQUEST FOR APPEAL

**Applicant:** John Fortmann, Illinois Department of Transportation  
**File Number:** LRC-2010-00518  
**Date:** January 10, 2017

**Attached is:**  
- **INITIAL PROFFERED PERMIT (Standard Permit or Letter of Permission)**: See Section below
- **PROFFERED PERMIT (Standard Permit or Letter of Permission)**
- **PERMIT DENIAL**
- **APPROVED JURISDICTIONAL DETERMINATION**
- **PRELIMINARY JURISDICTIONAL DETERMINATION**

### SECTION I
The following identifies your rights and options regarding an administrative appeal of the above decision. Additional information may be found at [http://www.usace.army.mil/CECW/Pages/reg_materials.aspx](http://www.usace.army.mil/CECW/Pages/reg_materials.aspx) or Corps regulations at 33 CFR Part 331.

#### A. INITIAL PROFFERED PERMIT
You may accept or object to the permit.
- **ACCEPT:** If you received a Standard Permit or a Letter of Permission (LOP), you may sign the permit document and return it to the district commander for final authorization. Your signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entirety, and waive all rights to appeal the permit, including its terms and conditions, and approved jurisdictional determinations associated with the permit.
- **OBJECT:** If you object to the permit (Standard or LOP) because of certain terms and conditions therein, you may request that the permit be modified accordingly. You must complete Section II of this form and return the form to the district commander. Your objections must be received by the district commander within 60 days of the date of this notice, or you will forfeit your right to appeal the permit in the future. Upon receipt of your letter, the district commander will evaluate your objections and may: (a) modify the permit to address all of your concerns, (b) modify the permit to address some of your objections, or (c) not modify the permit having determined that the permit should be issued as previously written. After evaluating your objections, the district commander will send you a proffered permit for your reconsideration, as indicated in Section B below.

#### B. PROFFERED PERMIT
You may accept or appeal the permit
- **ACCEPT:** If you received a Standard Permit or a Letter of Permission (LOP), you may sign the permit document and return it to the district commander for final authorization. Your signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entirety, and waive all rights to appeal the permit, including its terms and conditions, and approved jurisdictional determinations associated with the permit.
- **APPEAL:** If you choose to decline the proffered permit (Standard or LOP) because of certain terms and conditions therein, you may appeal the declined permit under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division commander. This form must be received by the division commander within 60 days of the date of this notice.

#### C. PERMIT DENIAL
You may appeal the denial of a permit under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division commander. This form must be received by the division commander within 60 days of the date of this notice.

#### D. APPROVED JURISDICTIONAL DETERMINATION
You may accept or appeal the approved JD or provide new information.
- **ACCEPT:** You do not need to notify the Corps to accept an approved JD. Failure to notify the Corps within 60 days of the date of this notice, means that you accept the approved JD in its entirety, and waive all rights to appeal the approved JD.
- **APPEAL:** If you disagree with the approved JD, you may appeal the approved JD under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division commander. This form must be received by the division commander within 60 days of the date of this notice.
**E. PRELIMINARY JURISDICTIONAL DETERMINATION:** You do not need to respond to the Corps regarding the preliminary JD. The Preliminary JD is not appealable. If you wish, you may request an approved JD (which may be appealed), by contacting the Corps district for further instruction. Also you may provide new information for further consideration by the Corps to reevaluate the JD.

**SECTION II - REQUEST FOR APPEAL or OBJECTIONS TO AN INITIAL PROFERRED PERMIT**

**REASONS FOR APPEAL OR OBJECTIONS:** (Describe your reasons for appealing the decision or your objections to an initial proffered permit in clear concise statements. You may attach additional information to this form to clarify where your reasons or objections are addressed in the administrative record.)

**ADDITIONAL INFORMATION:** The appeal is limited to a review of the administrative record, the Corps memorandum for the record of the appeal conference or meeting, and any supplemental information that the review officer has determined is needed to clarify the administrative record. Neither the appellant nor the Corps may add new information or analyses to the record. However, you may provide additional information to clarify the location of information that is already in the administrative record.

**POINT OF CONTACT FOR QUESTIONS OR INFORMATION:**

<table>
<thead>
<tr>
<th>If you have questions regarding this decision and/or the appeal process you may contact:</th>
<th>If you only have questions regarding the appeal process you may also contact:</th>
</tr>
</thead>
</table>
| **Regulatory Branch**  
  Chicago District Corps of Engineers  
  231 South LaSalle Street, Suite 1500  
  Chicago, IL 60604-1437  
  Phone: (312) 846-5530  
  Fax: (312) 353-4110 | **Jacob Siegrist**  
  Appeal Review Officer  
  Great Lakes and Ohio River Division  
  CELRD-PD-REG  
  550 Main Street, Room 10032  
  Cincinnati, Ohio 45202-3222  
  Phone: (513) 684-2699 Fax: (513) 684-2460 |

**RIGHT OF ENTRY:** Your signature below grants the right of entry to Corps of Commanders personnel, and any government consultants, to conduct investigations of the project site during the course of the appeal process. You will be provided a 15-day notice of any site investigation, and will have the opportunity to participate in all site investigations.

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**Signature of appellant or agent.**

| Date: | Telephone number: |