

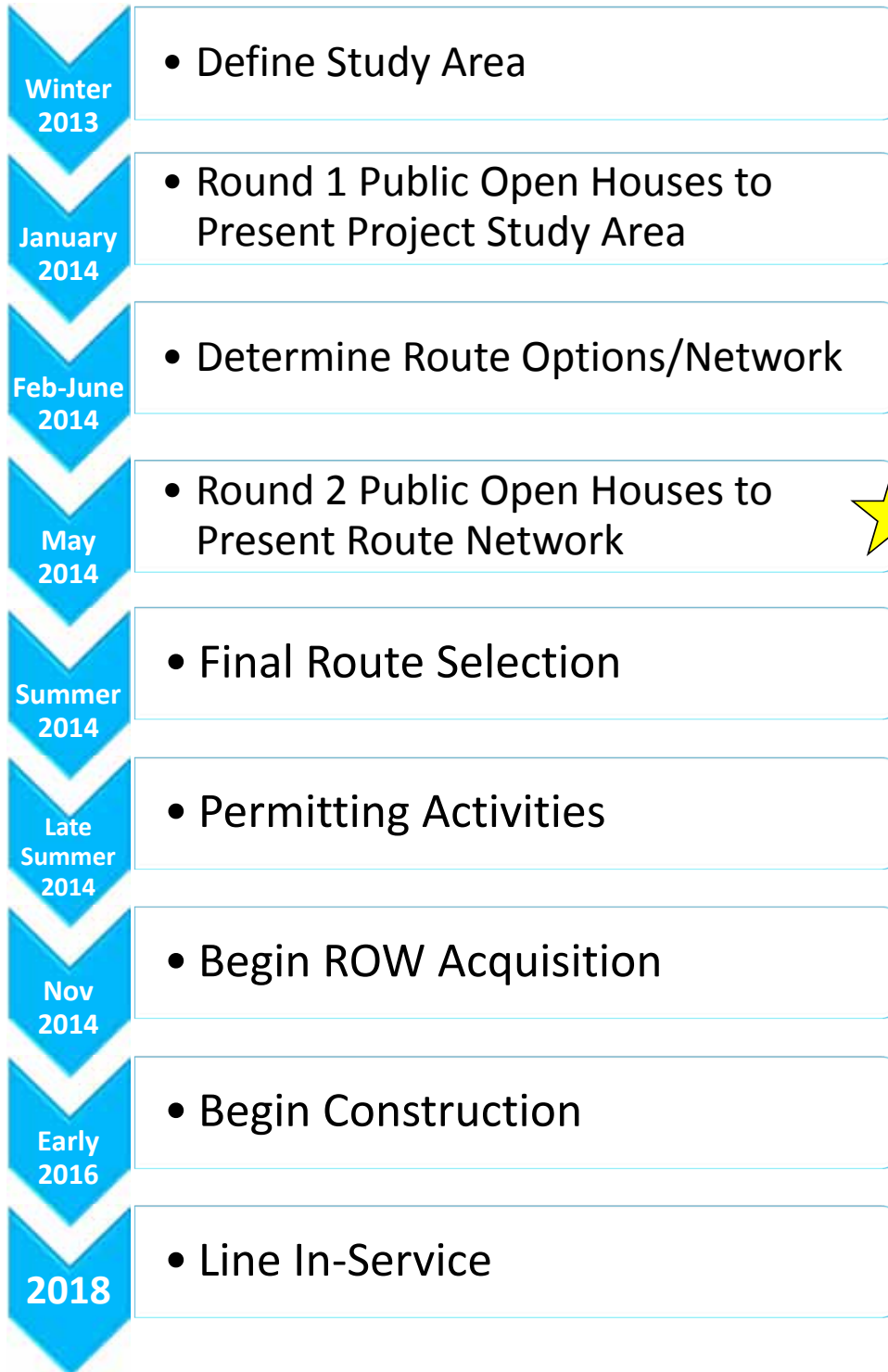
1. Project Facts

- ~70 miles of 765-kV electric transmission line from Greentown to Reynolds, Indiana
- ~200 ft. wide corridors
- Typical structure height of 135 feet with average 1250 feet between structures

PURPOSE & NEED

- Required by the Midcontinent Independent System Operator (MISO)—operator of the electric system “grid” serving a 15-state Midwest area, including Indiana
- Improve electric system reliability
- Relieve transmission congestion
- Improve access to regional sources of power
- Hedge reliability concerns due to retirements of coal-fired generation in Indiana

2. Project Schedule



 *We're here!*

3. Routing the Line

Typical Routing Considerations:

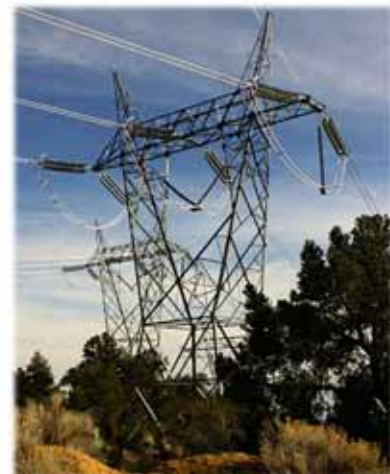
- Overall length
- Access and terrain
- Visual impacts
- Proximity to:
 - Residences
 - Businesses
 - Roads
 - Public facilities (churches, schools, etc.)
 - Irrigation systems
 - New and planned developments
 - Airports and airstrips
 - Federal and State lands
 - Conservation areas
- Environmental Impacts on:
 - Woodlands
 - Crops/Pasture/Grassland
 - Wetlands & Streams
 - Cultural Resources



5a. Construction

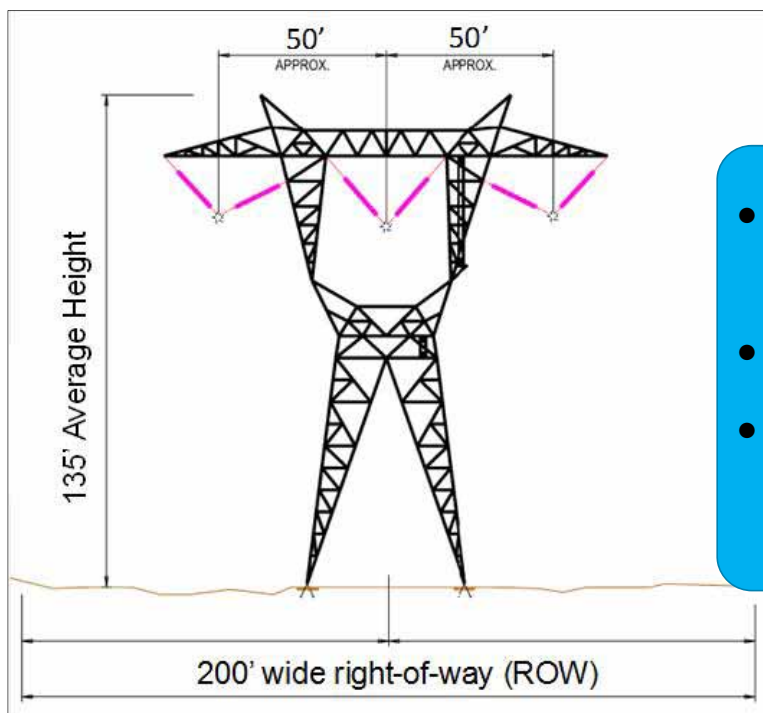
Typical Construction Steps

1. Soil sampling for structure foundations
2. Ground survey activities
3. Place silt fence
4. Clear right of way
5. Delivery of material
6. Foundation preparation/
placement
7. Assemble lattice structures
8. Install overhead conductors
and hardware
9. Restore site/property



5b. Construction

Typical Structures



- *Typical structure will be steel lattice*
- *135 feet tall on average*
- *Average of 1250 feet between structures*

6. Environmental

Analysis of Routes to Avoid & Minimize Impacts

Streams, wetlands, and
other water resources



Threatened and endangered
species and their habitat

Photo credit: Adam Mann, Environmental Solutions and Innovations
Accessed: <http://www.fws.gov/midwest/endangered/mammals/inba/inba-photos.html>

Cultural resources, such
as National Register of
Historic Places sites and
archaeological resources



7. Forestry

Vegetation Management

Environmentally responsible management of the transmission corridor:

- Identification of work and advance notification to property owners
- Develop a plan that promotes native plants within the corridor
- Regular monitoring of corridor to determine work priorities



8a. Land Acquisition

Notifications & Requests

- Property owners will be notified if and when their property is identified as being along the final route.
- Written permission will be requested to perform land surveys, environmental studies and other related studies on properties affected by the route.
- A project representative will schedule a meeting with each affected property owner to discuss the project, proposed easement, type of facilities and compensation.
- An additional temporary easement may be requested for construction purposes.



8b. Land Acquisition

Post Construction

- Properties will be restored as close as practical to pre-construction condition following construction activities.
- Property owners will be compensated for construction-related crop or other damages when applicable.

Irrigation & Drainage Systems

- Every effort will be made to avoid known drain tiles. Drain tiles that are damaged will be repaired.
- A project representative will meet with each landowner about their specific irrigation system concerns.



Project Partners



This project is a collaborative effort between NIPSCO & Pioneer Transmission and they will each own a segment of the line.

Pioneer Transmission is a joint venture of:



to build transmission facilities in Indiana.

*Working together to provide the
energy we all need!*