

## Appendix I: Utilities and Constraints

## Utilities Information I-65 Corridor Bridges Study

### **056B00209N – I-65 over Phillips Ln**

- Power line and Utility box ~20' from the east face of the bridge Span 3. Similar for west face but at Pier 2.
- Lights common underneath hanging between beams Span 2 with conduit attached to pier.
- Conduit on outside of deck east face entire length.

### **056B00210N – I-65 over Manning Rd.**

- Lights common underneath hanging between beams Span 2 with conduit on north face of Pier 1 and south abutment west outside barrier and onto the overhang.
- Street light on bridge at northern abutment east side.

### **056B00211N – I-65 over East Entrance to Fairgrounds**

- 5" TRIMARC conduit fiber optic line at southern abutment.
- 4 street lights exist under the bridge with conduit on the north face of Pier 1 cap and south face of Pier 2 cap.
- Conduit on outside of east barrier Spans 1 and 2.

### **056B00212N – I-65 over Bradley Ave, North Entrance to Fairgrounds**

- 2 street lights at the north abutment; 1 on each side.
- 5" TRIMARC conduit at South west end of bridge.
- Note: Bradley Avenue is entrance to fairgrounds not well traveled.

### **056B00213N – I-65 over Crittenden Dr. (KY 1631)**

- 5" TRIMARC conduit at south abutment.
- Power lines go underneath as well as overtop bridge at the south face of Pier 2.
- Lights common underneath hanging between beams Span 2 with conduit on the north face of Pier 1.
- Power lines run adjacent to east face of bridge.

### **056B00205N – I-65 over Norfolk Southern Railroad**

- 2 street lights, 1 east and one west, exist at mid-span.
- Railroad underneath.

### **056B00180N – I-65 over Eastern Parkway**

- 2 Traffic cams and Street Lights South end of Bridge near South Abutment (1 on each side).
- Fire Hydrant West side under bridge ~30' away.
- Lights common underneath hanging between beams Span 2.

- Lighting conduits on Pier 2.
- 5" attached fiber optic line at South Abutment.

**056B00181N – I-65 over Warnock St.**

- Power Lines run over bridge at north end as well as underneath parallel to Pier 2.
- Lights common underneath hanging between beams Span 2.
- Attached electric line 2" conduit North Abutment.

**056B00182N –I-65 over Brandeis Ave.**

- Overhead utility line running adjacent to East side of bridge ~12' away.
- Lights common underneath hanging between beams Span 2.
- Electric Line: 4 conduits at North Abutment.

**056B00179N – I-65 over CSX Railroad, Burnett Ave. and Hill St.**

- Utility Poles just west of Pier 4/Adjacent to Pier 4 with lines above and below the bridge.
- Multiple Power and water lines and utilities NE end of bridge around 70' away.
- 3 Street Lights on bridge (2 on East 1 on west side). 1 Light East side under bridge.
- Lights common underneath hanging between beams spans 2 and 4 with conduit east face outside beam bottom flange.
- 2 railroads underneath as well as 2 roads.
- Pedestrian bridge ~35' away from east side of bridge.
- Large billboard ~50' away from west end of Pier 2.

**056B00208N – I-65 ramp over Preston Ramp to I-65 Southbound**

- 2 street lights on top of bridge about 20' before start of bridge and 5' after.
- Conduit on south face of the Pier 2 cap. There are no lights under the bridge.

**056B00207N – I-65 over South Preston St. on Ramp**

- 2 street lights; 1 on the bridge East side at Abutment 1 and the other underneath west side at Pier 2.
- Lights common underneath hanging between beams Span 2.

**056B00206N – I-65 over Woodbine St.**

- 1 street light east side near Abutment 2. Wires exposed in base.
- Power lines go over bridge at pier 2. Utility pole is ~5' from east guard rail.
- TRIMARC conduit at northern abutment.
- Lights common underneath hanging between beams Span 2.
- Power lines running parallel to road on west side ~20' away.

**056B00187N – I-65 over East Ormsby Ave.**

- 1 street light east side of bridge.
- Power Lines run underneath as well as above the bridge just south of Pier 2.
- Fire hydrant ~12' from the east side of Pier 1 underneath the bridge.
- Lights common underneath hanging between beams Span 2, conduit for lights on Pier 2.
- Utility box northwest side of bridge (Span 3) ~12' from west fascia of bridge.

**056B00186N – I-65 over Oak St.**

- 1 street light west side of bridge near north abutment.
- Lights common underneath hanging between beams Span 2.
- Power Lines run above and underneath the bridge just south of Pier 2.
- Traffic Camera northeast end of bridge with TRIMARC conduit line on the north abutment.

**056B00185N – I-65 over Floyd St.**

- 2 street lights on bridge; 1 on each side.
- Power Lines run above bridge around midspan as well as adjacent to west fascia of bridge ~10' away.
- Lights common underneath hanging between beams Span 2.
- Fire hydrant underneath bridge Span 2 near Pier 1.

**056B00184N – I-65 over St Catherine St.**

- 5 street lights on Bridge; 3 east and 2 west.
- TRIMARC traffic alert sign near north abutment.
- Lights common underneath hanging between beams Span 2.
- Power line running adjacent to north side of Pier 1 underneath bridge.
- Utility box northwest side of bridge (Span 3) ~12' from west fascia of bridge.

**056B00183N – I-65 over South Brook, East Kentucky St.**

- Span 1 has 6 stoplight stations underneath, 2 of which are hanging from the beams.
- Power line running under bridge and over bridge near the south abutment.
- 3 street lights on bridge, 1 on the east side and 2 on the west.
- Fire hydrant underneath bridge ~10' from south abutment.
- Lights common underneath hanging between beams all spans.
- Intersection of S Brook St and E Kentucky St is underneath bridge as well as southbound off ramp onto E St Catherine St.
- Electric gate system for parking lot underneath bridge.
- House with front yard underneath east face of bridge.

**056B00190N – I-65 over Caldwell St.**

- 1 street light east side of bridge near the south abutment and 1 west side near the north abutment.
- 4" TRIMARC duct on the northern abutment.
- Lights common underneath hanging between beams Span 2 conduit for lights on Pier 2.

**056B00189N – I-65 over East Breckinridge St.**

- 1 street light east side of bridge and 1 west side near the north abutment.
- Power lines run underneath as well as above the bridge just south of Pier 2.
- Lights common underneath hanging between beams in Span 2.

**056B00188N – I-65 over College St.**

- 1 street light east side of bridge.
- Lights common underneath hanging between beams Span 2.

**056B00191N – I-65 over Jacob, Broadway, Gray St.**

- 9 Street lights; 5 east side and 4 west side of bridge.
- Parking Lot under majority of structure.
- Parking meters are set up under the three main roads that go under the bridge (Spans 105 114 and 123).
- Lights common underneath hanging between beams most/all spans.
- Overhead TRMARC sign and traffic cam in Span 111.
- There are several buildings within 25' of the bridge on both sides in multiple occasions throughout the length of the bridge.
- Telephone cable is attached to Pier 117 on the south west corner.
- Power lines run over the bridge just south of Pier 122.

**056B00192N – I-65 over Chestnut St.**

- 6 street Lights on bridge; 3 on each side of the road.
- Parking Lot under majority of structure.
- Span 8 near northern abutment has pedestrian walk lights.
- Northern abutment on the east side has utility boxes as well as conduit.
- Eastern most beam has conduit running along the bottom flange entire length.
- Parking meters are set up under the bridge, north of Pier 7.
- There is a single street light at the northern abutment west side.
- Lights common underneath hanging between beams most/all spans.

**056B00193N – I-65 over Brook St., Muhammad Ali**

- 3 street lights on bridge; 2 on the west side and 1 east.

- Under bridge on Muhammad Ali BLVD parking meters on the north side of the road.
- Lights and conduit run along the northern abutment as well as the north side of Pier 4 and south side of Pier 1.
- Lights common underneath hanging between beams most/all spans.
- Parking lot exists under bridge in between Brooks St. and Muhammad Ali BLVD.
- Pedestrian walk lights at Pier 4 west side underneath the bridge.
- Hospital is on the east side of bridge and is as close as 20' away from the structure; the helicopter pad is only 50' away from the bridge.
- Southern abutment east side has conduit and utilities attached.

#### **056B00194N – I-65 Southbound Ramp over Muhammad Ali**

- 2 Utility lights hanging between beams 2 and 3 underneath electric conduit on the abutments.
- Street light under bridge northwest corner ~30' from northern abutment.

#### **056B00196N – I-65 Southbound Ramp over Floyd St.**

- Parking meters on both sides of the street under the bridge.
- Power line runs under the bridge near the north abutment.
- 1 street light at south abutment to the left if heading northbound.
- 2 lights hanging between the beams with conduit on the north abutment.

#### **056B00195R – I-65 Northbound over Floyd St.**

- 1 street light in the median of bridge about mid-span. 2 others near bridge: 1 on the west ~10' past northern abutment. 1 on east exit ramp.
- Overhead street sign over northbound lane ~10' south of the bridge.
- Parking meters on both sides of the street under the bridge.
- Utility lights are common between every 4 beams near both abutments. Conduit lines the top of both abutments as well.

#### **056B00197R – I-65 Northbound over Liberty St.**

- Utility lights are common between every other beam. Conduit lines the top of both abutments as well.
- A Utility light as well as an overhead street sign are ~10' of the south abutment on the bridge. 1 Light also is ~10' of the north abutment.

\*Drains as well as underground utilities not taken into account unless specified.

Bridge ID	Route Under	Possible material storage or unloading zone under the bridge	Possible material storage or unloading zone in the northwest quadrant	Possible material storage or unloading zone in the northeast quadrant	Possible material storage or unloading zone in the southwest quadrant	Possible material storage or unloading zone in the southeast quadrant
056B00209N	PHILLIPS LN				X	X
056B00210N	MANNING RD	X	X			X
056B00211N	E ENT TO FAIRGROUNDS			X		X
056B00212N	BRADLEY AVE, N ENT FRGRND	X	X		X	
056B00213N	CRITTENDEN DR (KY 1631)		X		X	
056B00205N	NORFOLK SOUTHERN RR					X
056B00180N	EASTERN PKWY		X	X		
056B00181N	WARNOCK ST		X			
056B00182N	BRANDEIS AVE					
056B00179N	CSX RR, BURNETT, HILL ST	X		X		
056B00208N	PRESTON RAMP TO 65 SB			X		X
056B00207N	S PRESTON ST ON RAMP				X	
056B00206N	WOODBINE ST					X
056B00187N	E ORMSBY AVE					
056B00186N	OAK ST					
056B00185N	FLOYD ST					
056B00184N	ST CATHERINE ST					
056B00183N	S BROOK, E KENTUCKY ST	X				
056B00190N	CALDWELL ST					
056B00189N	E BRECKINRIDGE ST					
056B00188N	COLLEGE ST			X		
056B00191N	JACOB, BROADWAY, GRAY ST	X			X	
056B00192N	CHESTNUT ST	X				
056B00193N	BROOK ST, MUHAMMAD ALI	X				
056B00194N	MUHAMMAD ALI					
056B00196N	FLOYD ST				X	
056B00195R	FLOYD ST					X
056B00197R	LIBERTY ST				X	

All compass directions are listed as north follows I-65 Northbound.