# **Appendix A**

Modelling Results



#### **Trunk Sewers**

- SOUTH OTTAWA TUNNEL
- CONROY ROAD TRUNK COLLECTOR
- GREEN CREEK TRUNK COLLECTOR NORTH
- GREEN CREEK TRUNK COLLECTOR SOUTH

#### **Modelling Results**

Junctions (Maintenance Holes)

- HGL Near Surface (<1.8m Depth)</li>

Conduits (Sewer Pipes)

- d/D >= 0.8
- **—** q/Q >= 1

### **Existing Sanitary Sewer Infrastructure** (VERTICAL)

### **Existing Sanitary Sewer Infrastructure** (LINEAR)

- Gravity Sewer
- Local Sewer

Figure 2-1

Existing Conditions
1-in-25-Year June 2014 Event Leitrim





#### **Trunk Sewers**

- SOUTH OTTAWA TUNNEL
- CONROY ROAD TRUNK COLLECTOR
- GREEN CREEK TRUNK COLLECTOR NORTH
- GREEN CREEK TRUNK COLLECTOR SOUTH

### **Modelling Results**

Junctions (Maintenance Holes)

- HGL Near Surface (<1.8m Depth)</li>

Conduits (Sewer Pipes)

- d/D >= 0.8
- **—** q/Q >= 1

## **Existing Sanitary Sewer Infrastructure**

### **Existing Sanitary Sewer Infrastructure** (LINEAR)

- Gravity Sewer
- Local Sewer

Figure 2-2

Existing Conditions
1-in-5-Year June 2014 Event Leitrim





#### **Trunk Sewers**

- SOUTH OTTAWA TUNNEL
- CONROY ROAD TRUNK COLLECTOR
- GREEN CREEK TRUNK COLLECTOR NORTH
- GREEN CREEK TRUNK COLLECTOR SOUTH

#### **Modelling Results**

Junctions (Maintenance Holes)

- HGL Near Surface (<1.8m Depth)</li>

Conduits (Sewer Pipes)

- d/D >= 0.8
- **—** q/Q >= 1

### **Existing Sanitary Sewer Infrastructure** (VERTICAL)

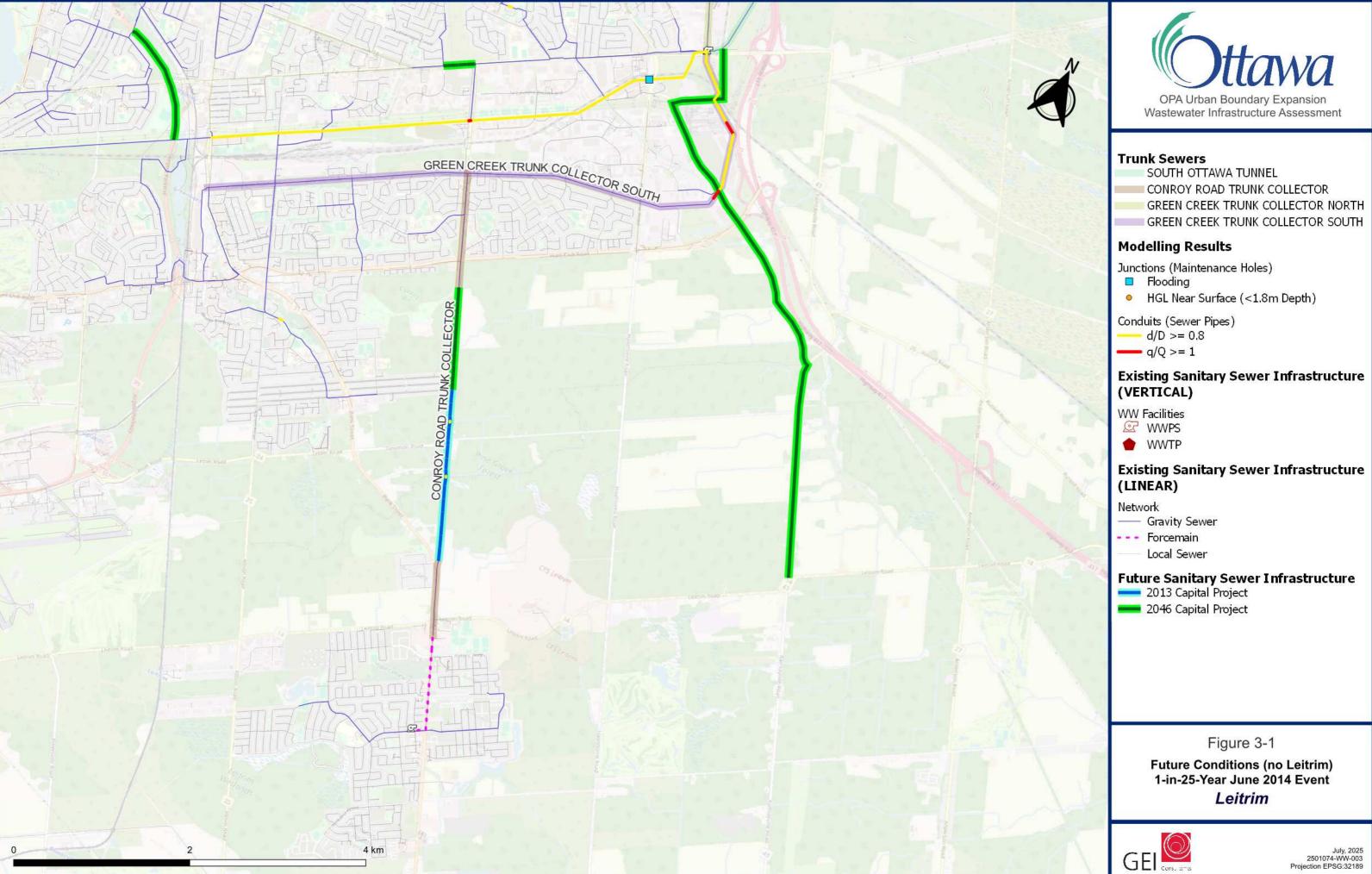
### **Existing Sanitary Sewer Infrastructure** (LINEAR)

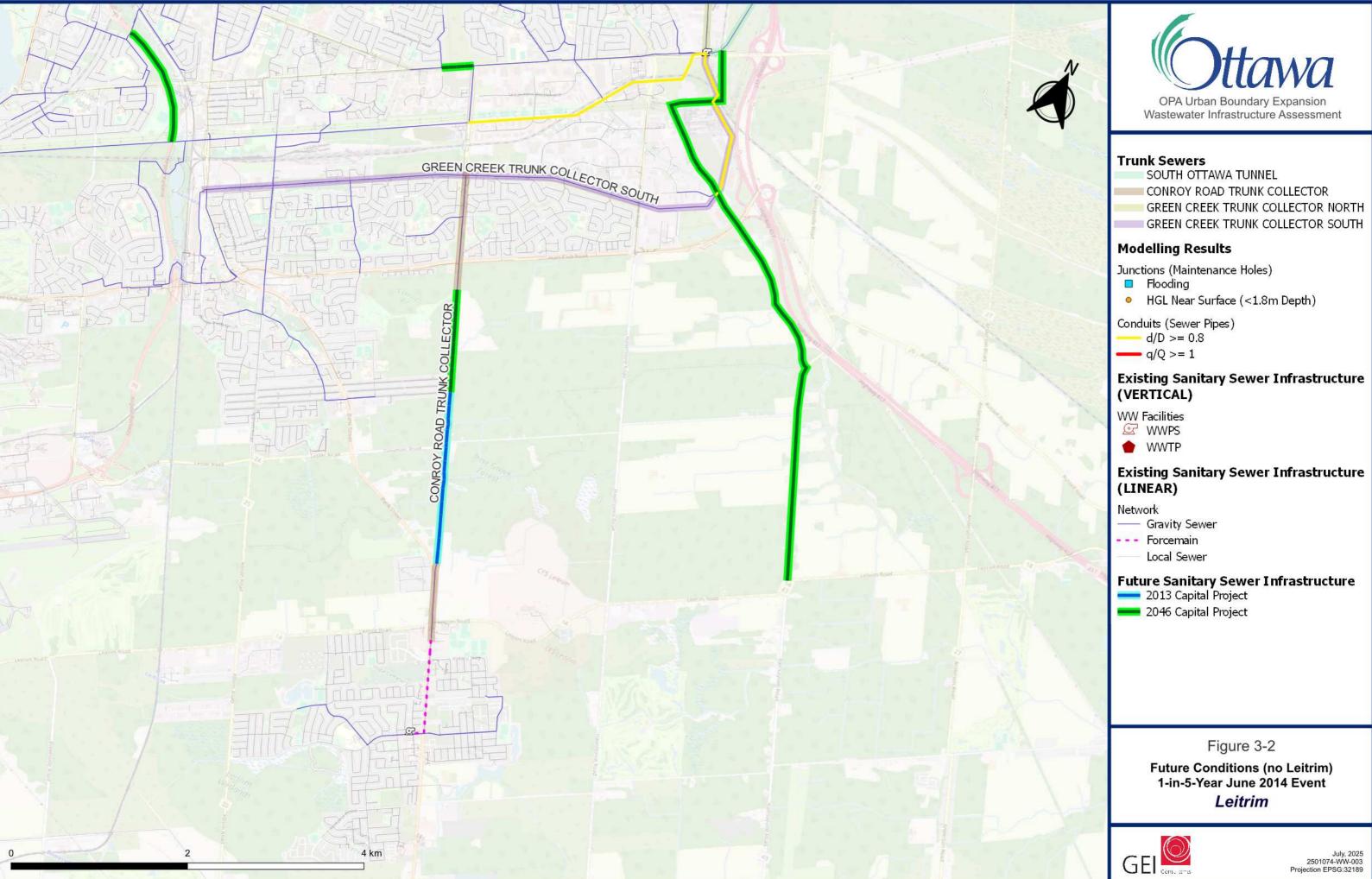
- Gravity Sewer
- Local Sewer

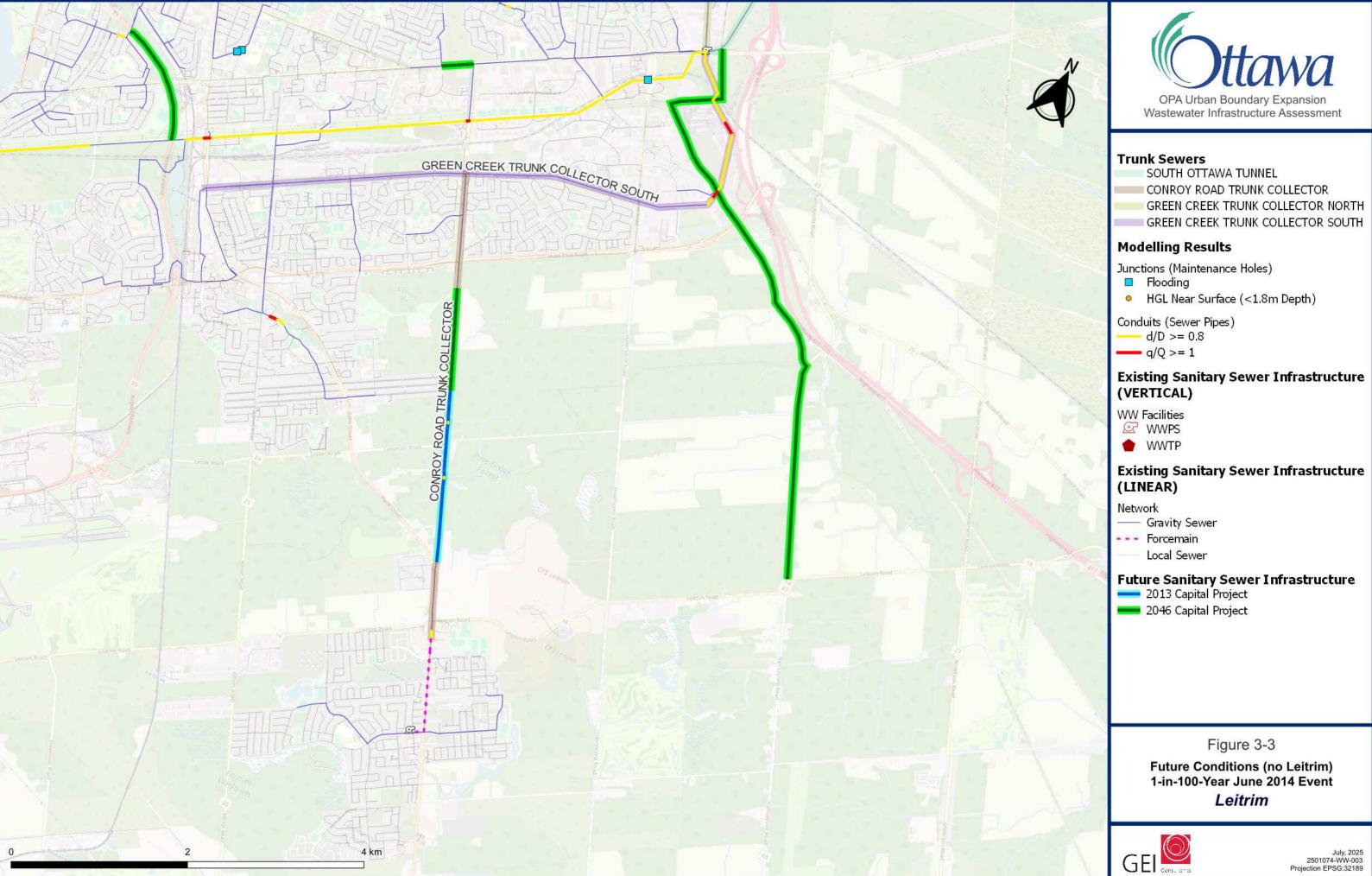
Figure 2-3

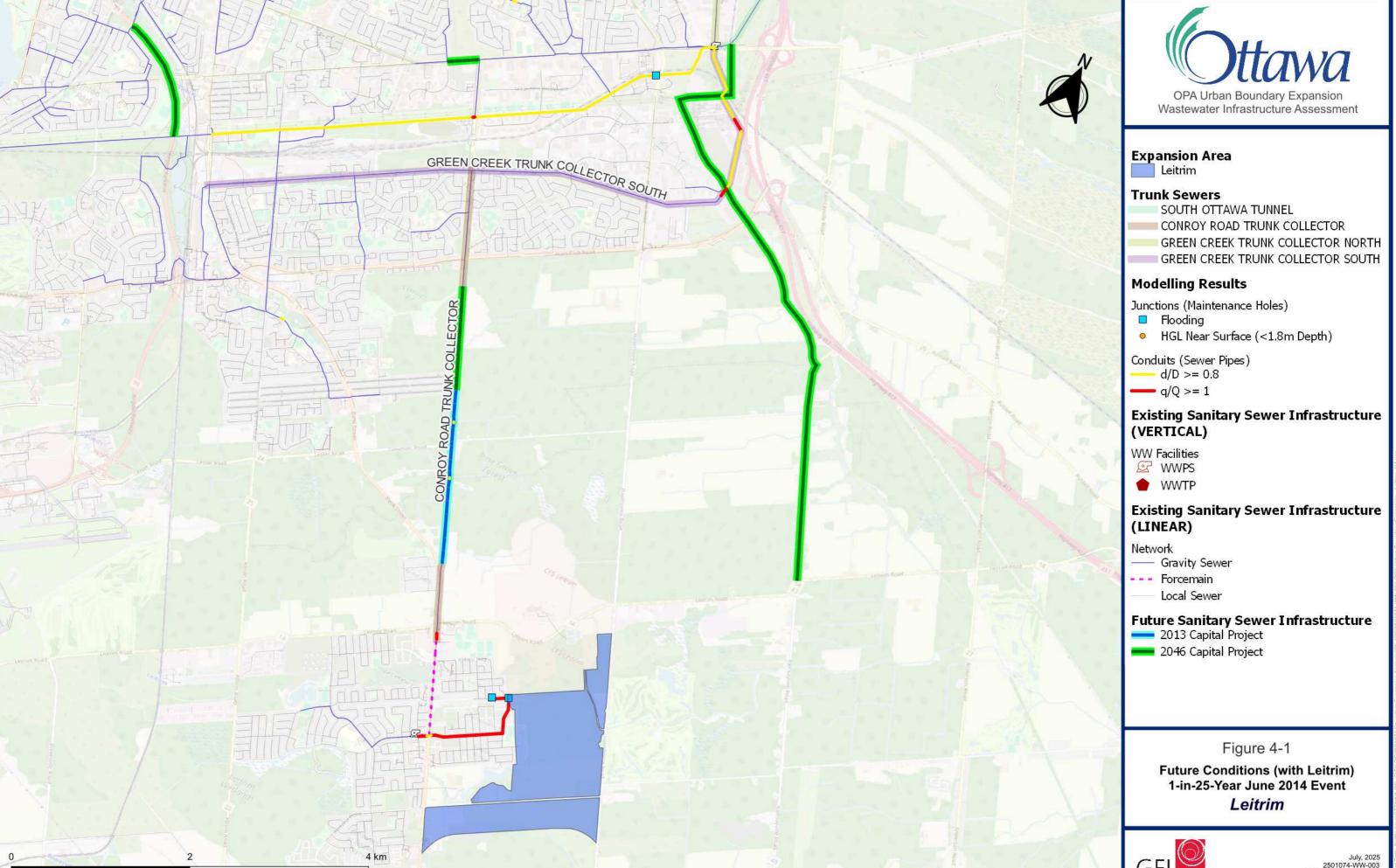
Existing Conditions
1-in-100-Year June 2014 Event Leitrim

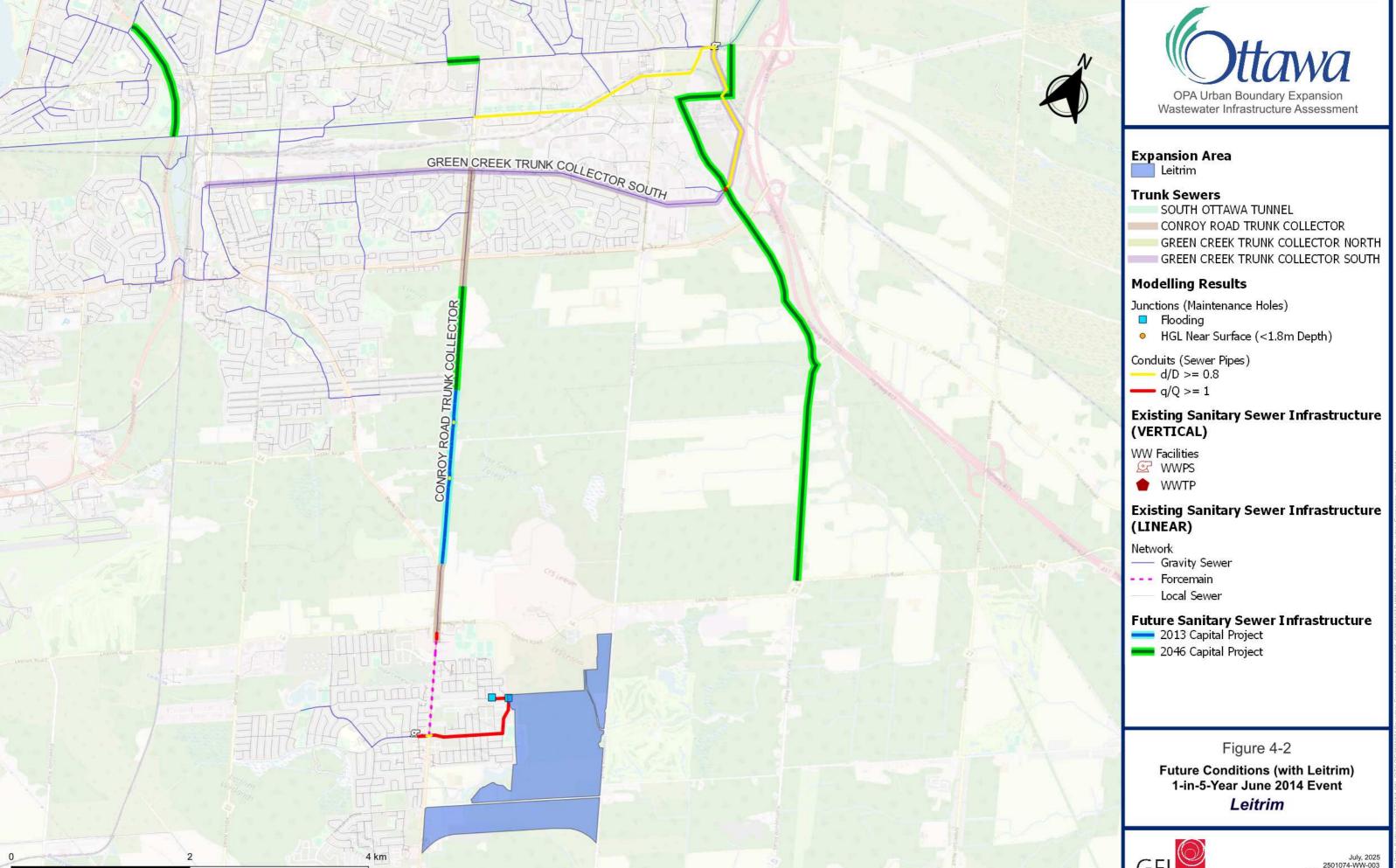


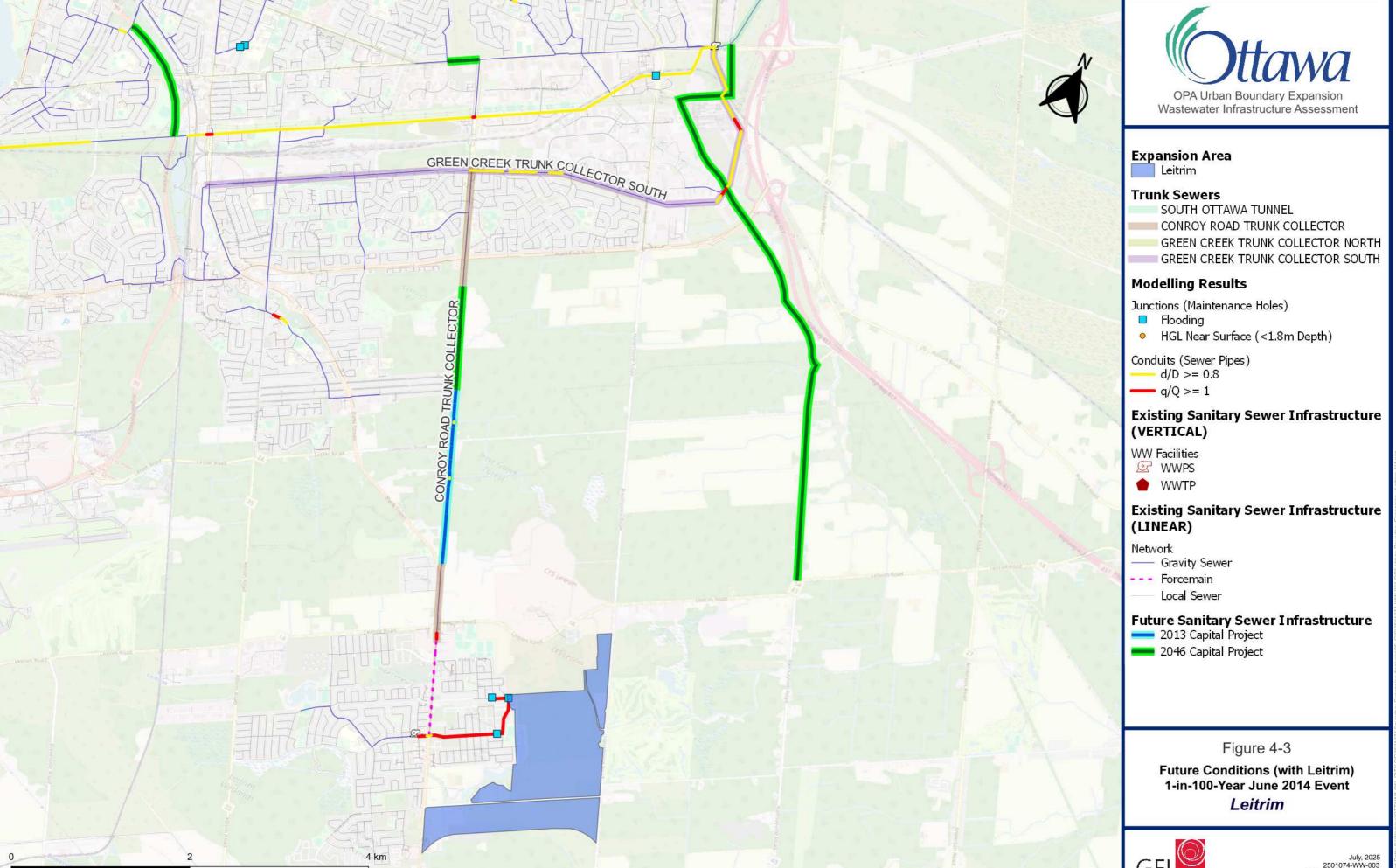


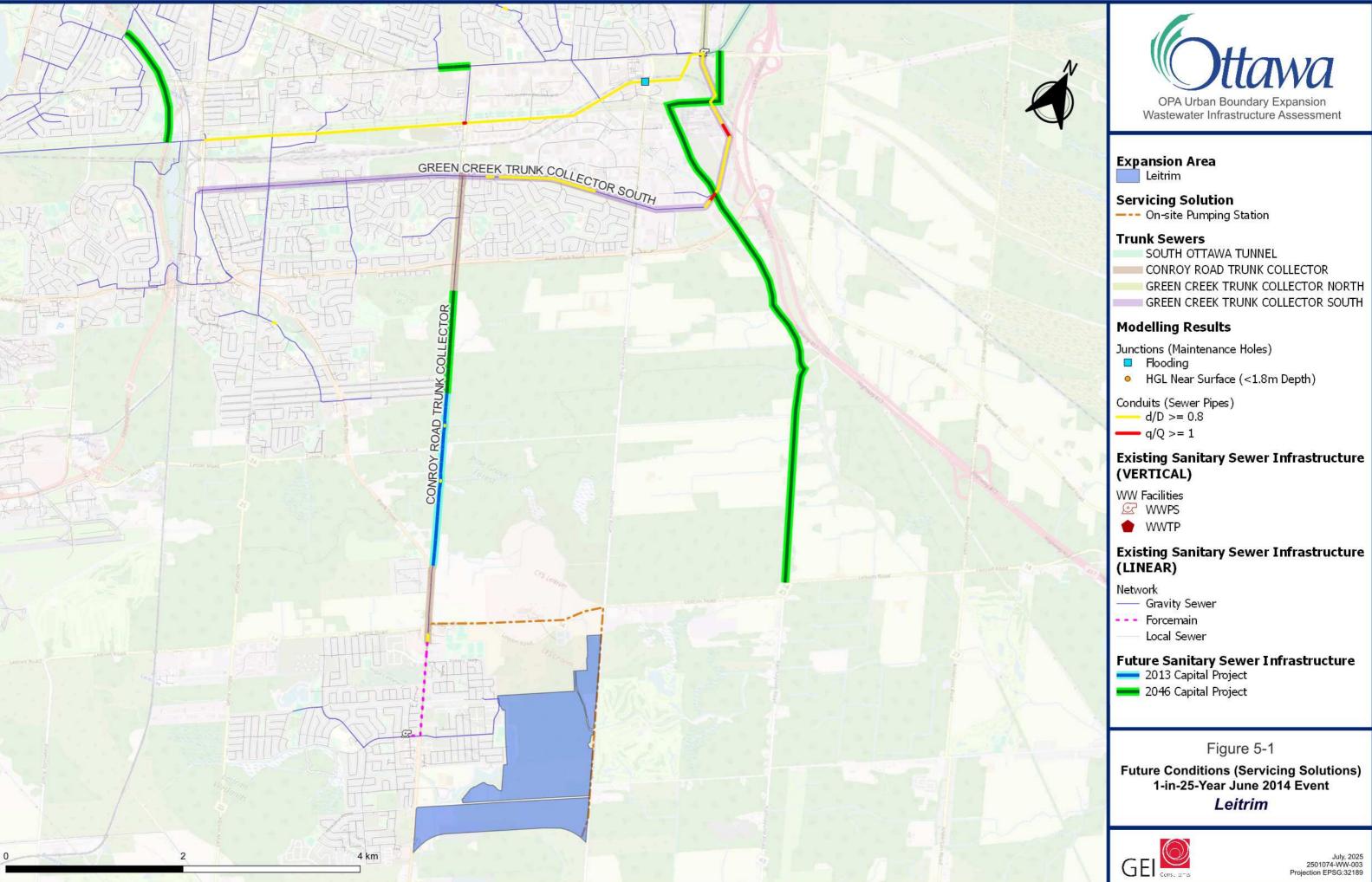


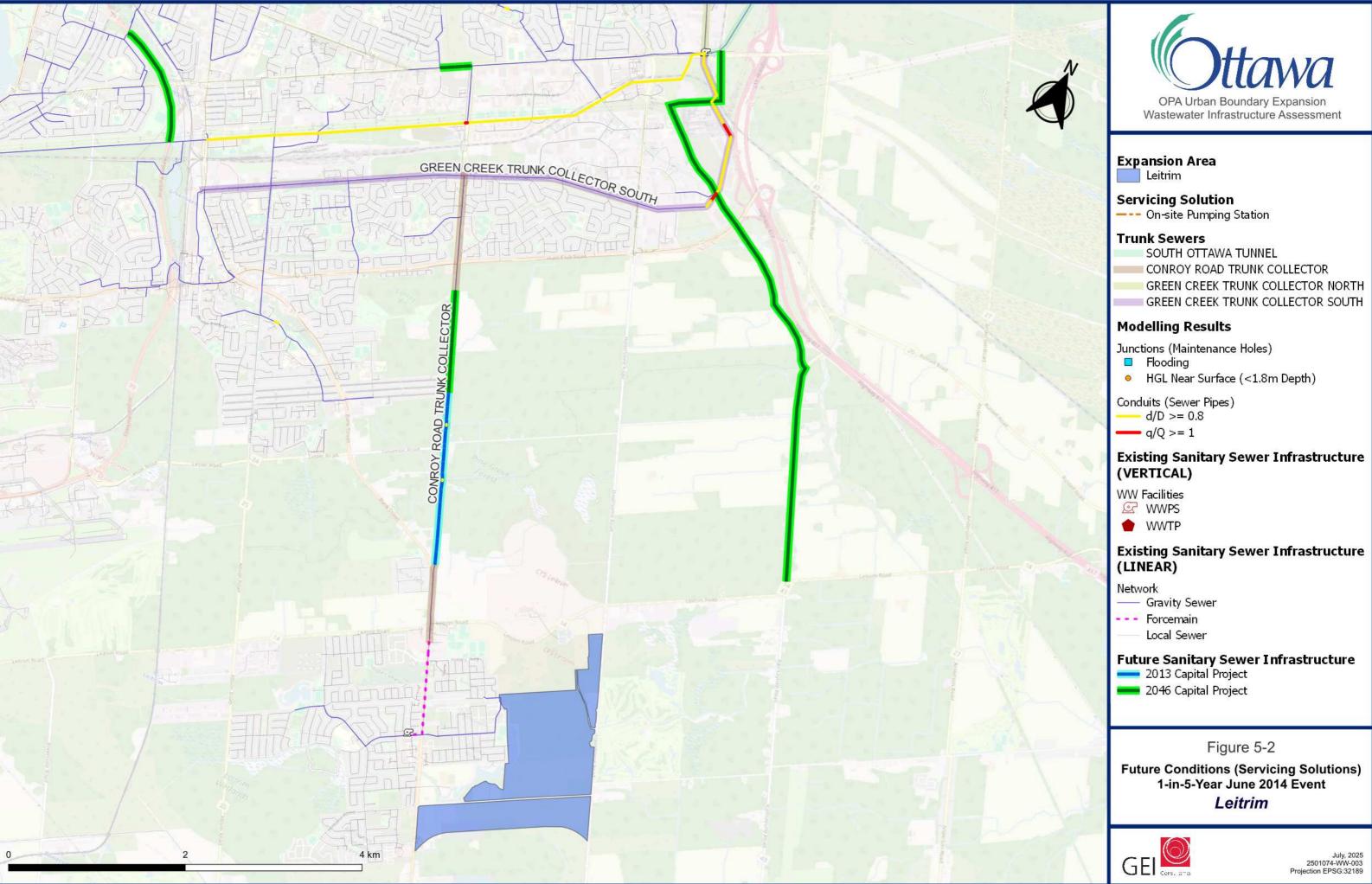












**OPA Urban Boundary Expansion** Wastewater Infrastructure Assessment

- GREEN CREEK TRUNK COLLECTOR NORTH
- GREEN CREEK TRUNK COLLECTOR SOUTH

## **Existing Sanitary Sewer Infrastructure**

