

**Legend**

Response Action Areas extend to Work Package 1 Construction Limits  
This map must be used in conjunction with Figure 1-1

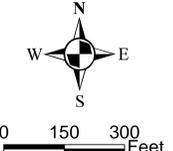
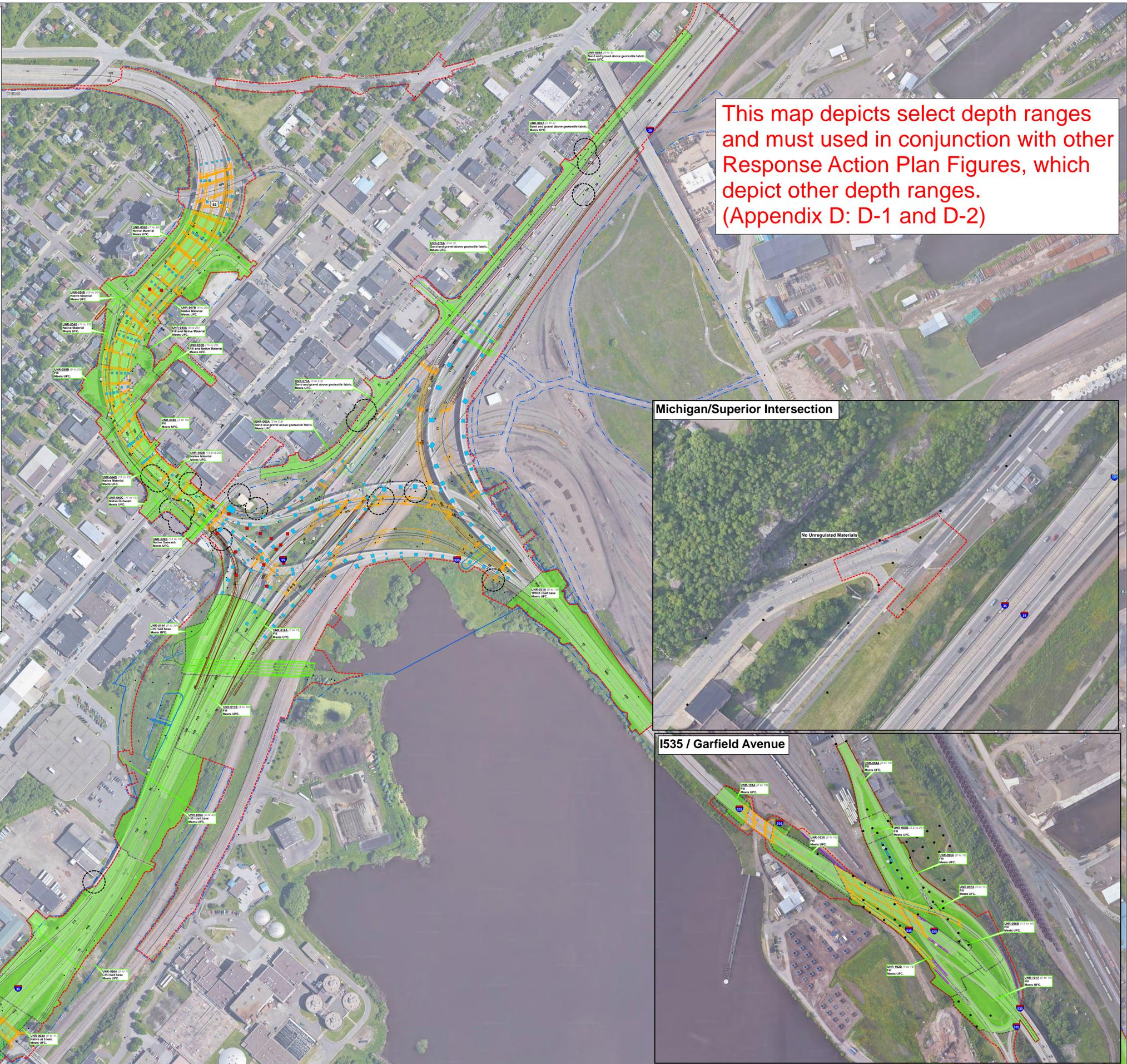
**Response Action Plan Polygon Notes:**

- Unregulated Fill**  
Material that is assumed to be unregulated based on extrapolated results. Unless other conditions are encountered during excavation this material can be used on or off site.
- Response Action Areas depicted on Figure 1-1**
- ACWM / Landfill Disposal Area**  
All disturbance or removal of the ACWM will be managed as regulated ACWM. The asbestos abatement contractor will perform abatement and disposal of ACWM to ensure compliance with all applicable federal and state regulations.
- Discrete Area Soil**  
Discrete Area Soil contains higher level contamination (exceeding one or more Tier 2 Industrial SRVs).
- Petroleum Alert**  
Petroleum Alerts are areas where previous investigations indicated petroleum impacts via odors or PID over 10 ppm. In regulated soil areas, petroleum impacts >10 ppm or < 200 ppm on the PID may be present in the Load Transfer Platform (LTP). Petroleum alert areas are commonly associated with local petroleum point source releases. See 60% plan set for the LTP area.
- Regulated Soil**  
Regulated Soil contains low level contamination [exceeding one or more MPCA Soil Leaching Value (SLV) and/or Tier 1 Residential Soil Reference Value (SRV) but less than all Tier 2 Industrial SRVs]. Regulated Soil is found throughout the Project limits and is generally associated with non-point source releases from decades of industrial land uses.
- Mercury Hotspot**  
Mercury in one known location in the project is above the landfill acceptance criteria (total mercury in soil of 466 mg/kg). The mercury hotspot was delineated with borings and sampling indicated that the hotspot is limited laterally and vertically.
- Hazardous Lead Impacted Soil**  
Hazardous Lead Impacted Soil contains lead concentrations exceeding the Toxic Characteristic Leaching Procedure (TCLP) limit for characteristically hazardous for lead. The low number and scattered occurrence of these samples indicates that soil with hazardous lead concentrations are not associated with large releases but are isolated occurrences within Project limits.
- Undesignated Soil**  
Several Project areas could not be investigated because of access issues.

- Boring Location (SEH)
- Test Pits Locations (WSB)
- ⊠ ACWM\* Identified
- ⊞ ACWM\* not Identified
- \*Asbestos Waste Containing Material
- Inplace Below Ground Structure to Remain

- Twin Ports Interchange Design Work Package 1 (90% Design)
- Twin Ports Interchange Design Work Package 2 (pre-60% Design)
- Limits of Disturbance
- Construction Limits
- Pond
- Retaining Wall
- Bridge
- General Design Features
- Drain Structure
- Drain Structure Removal

**Additional Notes:**  
bgs - Below Ground Surface in feet  
T2SRV - Tier 2 Soil Reference Value, MPCA Risk-based site evaluation guidance for industrial levels.  
MPCA = Minnesota Pollution Control Agency  
PID = photoionization detector  
ppm = Parts per million / mg/kg = milligrams per kilogram

This map depicts select depth ranges and must be used in conjunction with other Response Action Plan Figures, which depict other depth ranges. (Appendix D: D-1 and D-2)

