

6. METRO REGION

This chapter represents the activities to be performed by the MDOT Metro Region in fulfillment of the Permit requirements. Each region has its own chapter within this Storm Water Management Plan (SWMP) containing the required activities it will perform as described in the SWMP Activities (Section 3.7).

Included in this chapter is an outline of the proposed procedures described in the activities that will be incorporated into MDOT roadway projects, a map of the Metro Region facilities (Figure 6-1), contact and address information (Table 6-1), a table containing the activities the Metro Region will implement (Table 6-2), and the Phase II IDEP Investigation Maps for the Metro Region (Figures 6-2 through 6-3). Each activity fact sheet is represented in Table 6-2 with a checkmark next to the applicable activities. Each activity is also indicated as a statewide or an urbanized area requirement per the Permit.

The facility map is included to indicate locations where pollution prevention measures are taken. Contact information is provided on the MDOT employees in managerial positions for each Region/Transportation Service Center (TSC). The Phase II IDEP Investigation Maps were developed as part of the Illicit Discharge Elimination Program (IDEP). The maps indicate MDOT roadways that cross impaired waterbodies within urbanized areas. Impaired waterbodies refer to those waterbodies listed on the MDEQ 2004 305(b) and 303(d) Impaired Waterbodies List.

Additionally, a CD-ROM containing outfall maps representing the location of each outfall investigated during the Phase I program is available upon request from MDOT. During the NPDES Phase I storm water program, approximately 366 outfalls were investigated throughout the six permitted cities as part of the IDEP. The six permitted cities included Ann Arbor, Grand Rapids, Flint, Sterling Heights, Warren, and Livonia, with Sterling Heights, Warren and Livonia being the only permitted cities within the Metro Region. MDOT conducted 118 outfall investigations within the cities of Warren, Sterling Heights and Livonia.

The following outline of proposed SWMP procedures shows the order in which individual activities, as described in Chapter 3, are followed within the scope of a typical MDOT roadway project. Once these procedures are developed, they will be incorporated into MDOT projects on a case-by-case basis depending on the scope and needs of the project.

1. Early coordination with MDEQ or other regulatory agencies will be sought during the initial design of selected projects (MDEQ Early Coordination Workgroup and Activity C-4).
2. Consideration will be given to transportation-related areas of concern as identified by Metropolitan Planning Organizations (MPO)s with storm water quality control programs. Best management practices (BMPs) to address areas of concern will be incorporated into MDOT roadway projects to the maximum extent practicable (MEP) (Activity C-2).
3. Permanent BMPs (post-construction) will be selected based on MDOT BMP selection criteria (Activities C-3 and C-6) with consideration given to MDEQ or other regulatory

agency input (Activity C-4) to the MEP. BMP selection will also be based on approved BMPs in the MDOT Drainage Manual and any Total Maximum Daily Load (TMDL) requirements (BMP Design and Maintenance Workgroup) (Activity C-5).

4. Maintenance requirements will be developed for new permanent BMPs (BMP Design and Maintenance Workgroup and Activity C-1).
5. Permanent BMPs will be properly installed and maintained following BMP selection (Activities C-6 and C-1).
6. Construction activities will be conducted under MDOT's approved Soil Erosion and Sedimentation Control (SESC) Plan and the State of Michigan's Permit by Rule.
7. The outfall labeling procedure will be implemented if new outfalls are planned. The consultant conducting outfall mapping will be notified that new outfalls are in place (Outfall Labeling Workgroup and Activity C-10).
8. Newly discovered outfalls will be identified and mapped (Outfall Mapping Workgroup and Activity I-5).
9. New flow control structures in urbanized areas will be reviewed and assessed for water quality benefits gained based on calculated pollutant removal rates (Activity C-11).
10. SWMP activities will be tracked and documented (Activity A-1). Examples include tracking the number of outfalls labeled and tracking maintenance activities through the Maintenance Activity Reporting System (MARS) (Program Assessment and Reporting Workgroup).

For specific roadway projects scheduled to be completed in the Metro Region, refer to MDOT's 2005-2009 Five Year Transportation Program. The 2005-2009 Five Year Transportation Program is a report highlighting Michigan's plan for preserving and improving its transportation network. The report describes the planned projects for each MDOT region. A link to the report is available on the MDOT Storm Water Management Web site. The 2005-2009 Five Year Transportation Program is currently underway and will limit the ability to implement new procedures not yet adopted by MDOT. Therefore, new procedures will be incorporated as they are adopted.

Figure 6-1 Metro Region Facilities Map

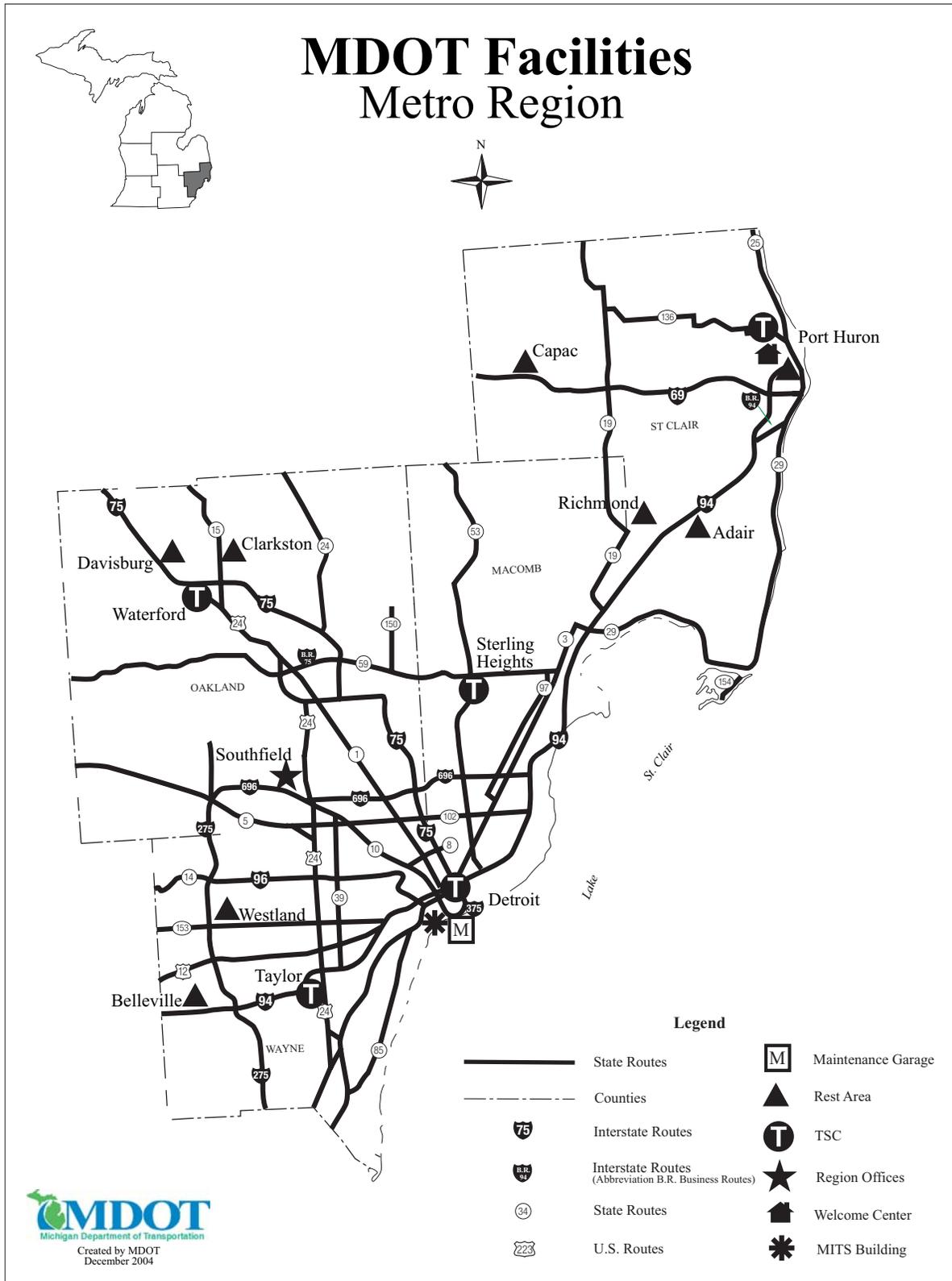


Table 6-1 Metro Region Contact Information

MDOT Facility	
Metro Region Office Region Engineer: Greg Johnson Region Storm Water Coordinator: Randy McKinney	18101 W. Nine Mile Rd., Southfield, MI 48075 Phone: 248-483-5100 FAX: 248-569-3103
Detroit TSC Manager: Rita Screws 1400 Howard St Detroit, MI 48216	Phone: 313-965-6350 FAX: 313-965-6339
Macomb TSC Manager: Drew Buckner 38257 Mound Road Sterling Heights, MI 48310	Phone: 586-978-1935 FAX: 586-978-8075
MITS Center Manager: Gregory Krueger 1050 6th Street Detroit, MI 48226	Phone: 313-256-9800 FAX: 313-256-9036
Oakland TSC Manager: Randy McKinney 2300 Dixie Highway Waterford, MI 48328	Phone: 248-451-0001 FAX: 248-451-0108
Port Huron TSC Manager: Larry Young 2127 11th Avenue Port Huron, MI 48060	Phone: 810-985-5011 FAX: 810-985-5042
Taylor TSC Manager: Kim Avery 25185 Goddard Taylor, MI 48180	Phone: 313-375-2400 FAX: 313-295-0822 Construction FAX: 295-0844
M and T Field Laboratory Material Technician: Joe Muscat 35414 Mound Road Sterling Heights, MI 48310	Phone: 586-826-8992
Blue Water Bridge Manager: Michael Szuch 1410 Elmwood Street Port Huron, MI 48060	Phone: 810-984-3131
Blue Water Bridge Maintenance Garage Bridge Foreman: Reggie Washington 2900 Lewis Drive Port Huron, MI 48060	Phone: 810-984-4482

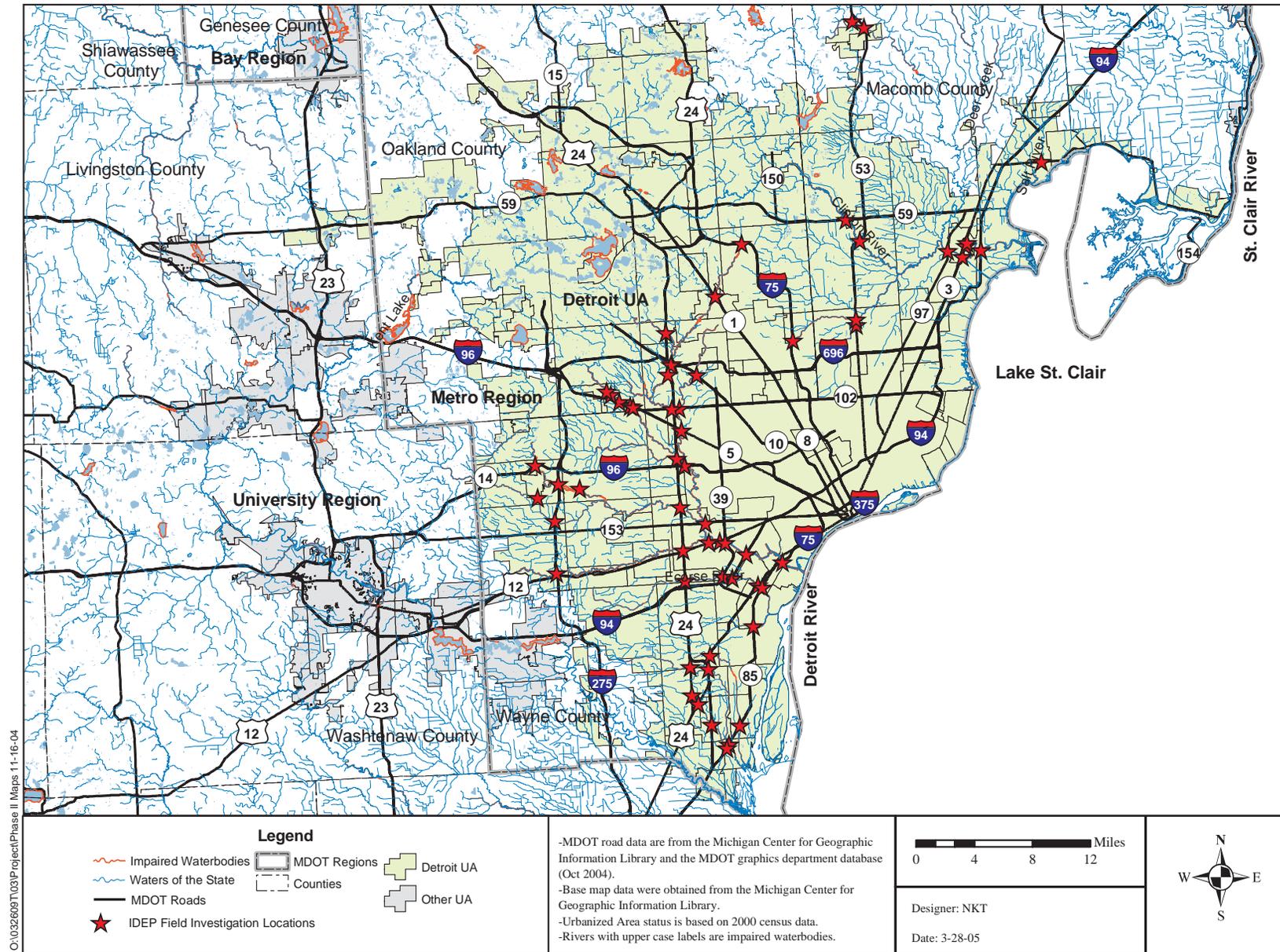
MDOT Facility	
Allen Park Field Office Resident Engineer: Brian Scharboneau 5831 Courtland Street Allen Park, MI 48101	Phone: 313-563-8770
For storm water-related concerns at the rest areas, the following individual should be contacted: Region Storm Water Coordinator: Randy McKinney	Phone: 248-483-5100 FAX: 248-569-3103
Port Huron Welcome Center 901 I-94 WB, Mile Marker 274	St Clair County
Clarkston Rest Area 904 I-75 SB, Mile Marker 94	Oakland County South bound on I-75, 1 mile north of Exit 93, last southbound Rest Area on I-75 before Detroit and state line.
Davisburg Rest Area 908 I-75 NB, Mile Marker 96	Oakland County
Adair Rest Area 909 I-94 EB, Mile Marker 255	Saint Clair County
Richmond Rest Area 910 I-94 WB, Mile Marker 250	Saint Clair County
Belleville Rest Area 911 I-94 WB, Mile Marker 188	Wayne County
Westland Rest Area 912 I-275 NB, Mile Marker 23	Wayne County
Capac Rest Area 913 I-69 WB, Mile Marker 174	Saint Clair County

Table 6-2 Metro Region Activity Requirements

Activity #	Statewide (S) or Urbanized Area (UA)	Implemented in this Region
E-1: Maintain and Use Lansing Information Center	S*	√
E-2: Publish Articles in MDOT Publications	S*	
E-3: Provide Information on Watershed Stewardship on the MDOT Public Web site	S*	
E-4: Provide Education Materials Along with Tap-in/Discharge Permit Applications	S	√
E-5: Notify and Invite Public to Review and Comment on the Storm Water Management Plan (SWMP)	S*	√
E-6: Determine Partnership Potential with MDEQ Statewide Public Education Program	S*	
T-1: Present Applicable Training Modules to the Job-Related Public	S	√
T-2: Certify MDOT's Staff for Pesticide/Fertilizer Application	S*	√
T-3: Train Staff Responsible for Administering Part 91 and those having Decision Making Authority for SESC Development or Review, Inspections, or Enforcement; and Storm Water Operators as Required under Part 31	S*	√
T-4: Survey MDOT Staff on Storm Water Knowledge	S*	√
I-1: Submit and Implement Mapping Schedule for Outfalls	UA*	√
I-2: Perform Inventory and Dry Weather Screening on Outfalls	UA*	√
I-3: Receiving and Notifying MDEQ of Illicit Discharges and Actions Taken	S	√
I-4: Report Updates and Changes to Legal Authority Status	S*	
I-5: Map Known Outfalls (statewide)	S*	√
C-1: Maintenance Requirements for MDOT Permanent BMPs	S	√
C-2: Identify and Coordinate with MPOs Having Storm Water Quality Control Programs	S	√
C-3: Procedure to Select, Apply, and Maintain Permanent BMPs for Storm Water Management Activities (Post-Const.)	S	√
C-4: Procedure to Work with MDEQ for Early Coordination on Initial Design Projects	S*	√
C-5: Review Projects with Storm Water Discharges to Water Bodies with a Promulgated Total Maximum Daily Load	S*	√
C-6: Implement Procedures to Select, Apply, and Maintain Permanent BMPs for Storm Water Management Activities (Post-Const.)	S	√
C-7: Internal Quality Assurance/Quality Control (QA/QC) Protocol for Construction Storm Water Control	S*	√
C-8: Periodically Update Drainage Manual	S*	
C-9: Documentation and Tracking of Road Maintenance Activities	S	√
C-10: Procedure for Outfall Labeling	UA*	√
C-11: Review Flow Control Structures	UA	√
C-12: Audit the Pollution Incident Prevention Plan (PIPP) Requirements	S	√
A-1: Program Assessment and Reporting	S	√

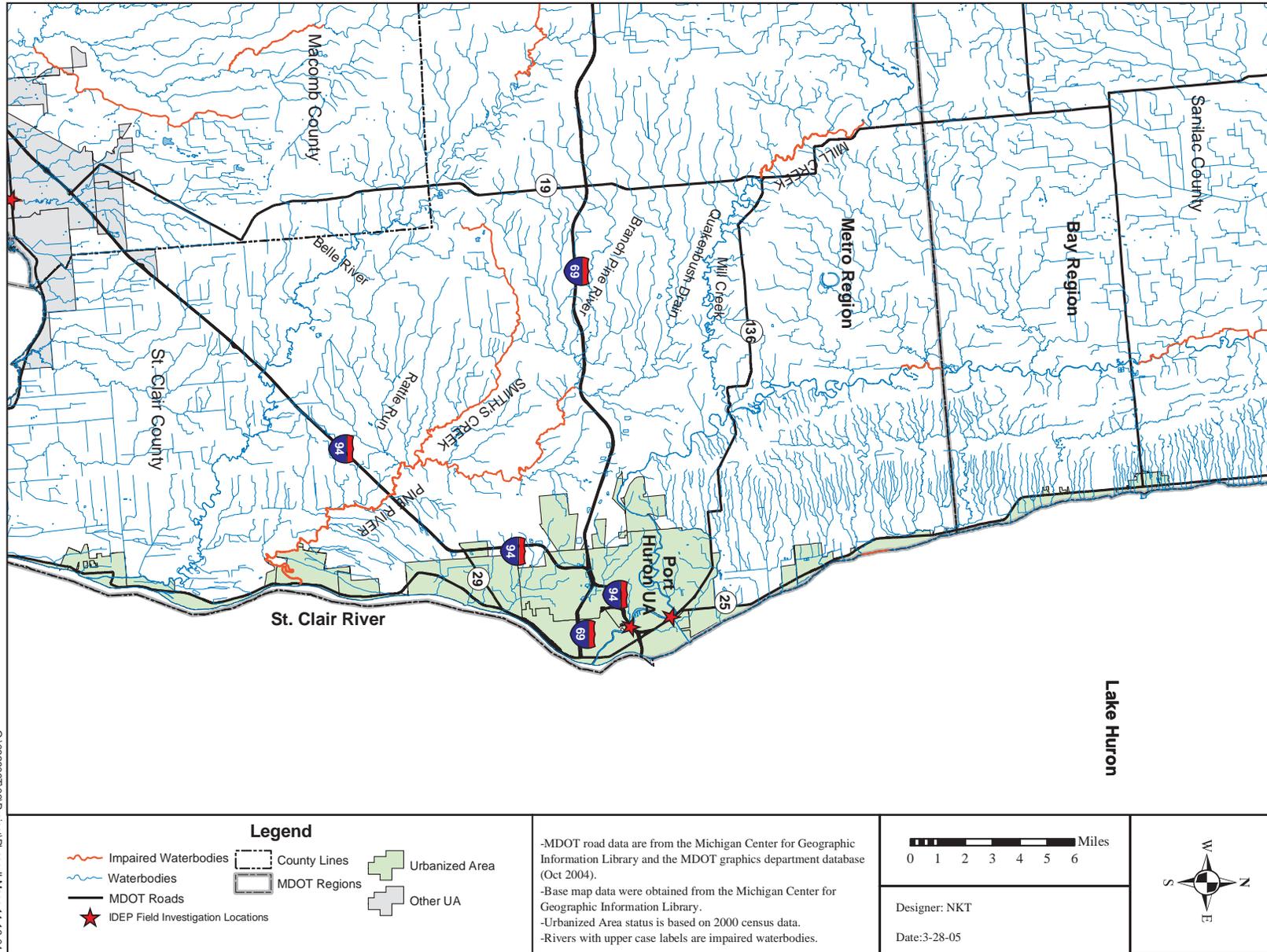
* Indicates initial activity implementation is performed by others but Region will be affected.

Figure 6-2 Detroit Urbanized Area IDEP Investigation Locations



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Figure 6-3 Port Huron Urbanized Area IDEP Investigation Locations



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