From:	Malsom, Andrew - DOT
To:	Gard, Greg - DOT
Subject:	Phase 1 Review Memo / WisDOT Project 2250-15-00 / STH 20 From Oakes Road to Roosevelt Avenue / Racine County
Date:	Tuesday, October 15, 2019 8:30:59 AM

Subject: Phase 1 Hazardous Materials Assessment
WisDOT Project 2250-15-00
STH 20 From Oakes Road to Roosevelt Avenue
Racine County, WI

Greg,

I have reviewed the Phase 1 Hazardous Materials Assessment (Phase 1) for the subject highway improvement project. The proposed resurfacing will include an approximately 1.5-mile stretch of STH 20 from Oakes Road to Roosevelt Avenue. Drainage improvements, including potential storm sewer construction, as well as sanitary sewer construction and water main maintenance are also being evaluated for possible inclusion into the project's scope. As of the date of this report, no additional right-of-way acquisition needs have been identified.

Project Considerations
The Phase I, prepared by Ramboll is complete for the purposes of the project environmental document. A copy of the report is available at the following link:

Final Phase 1 Report

The report findings and recommendations are presented in section 2 of their written report dated September 30, 2019. Considering the project details made available at the time the Phase 1 was conducted, historical land use, reviews of WDNR case files available in the project area and site reconnaissance; I concur that further investigation is warranted at (10) sites along the project corridor.

Phase 2
John Edwards Auto Repair
6905 Washington Ave

Phase 2.5
JC Stores Mobil / Schaefer Motors / Washington Ave Mobil Mart / Belle Dodge / Mobil
6840 Washington Ave

Phase 2
Village Shopping Center
6220 Washington Ave

Phase 2.5
Citgo Gas / Fast Lube USA / Highway 20 Auto Plaza
6012 Washington Ave

Phase 2.5
Walmart Neighborhood Market #5695
5625 Washington Ave

Phase 2.5
Total Petroleum / Total Station #229
5506-5510 Washington Ave

Phase 2
Clark Oil Station #979 / Washington St Clark / Quicknsave LLC
5302 Washington Ave

Phase 2
Principal Mutual Life Ins Co
5201 Washington Ave

Phase 2
Washington Square
5200 Washington Ave

Phase 2
Scrub A Dub Car Wash
5120 Washington Ave

Residual subsurface soil/groundwater contamination emanating from these sites could potentially extend into proposed excavation areas of the subject project. As such, investigations consisting of 3-5 soil borings at each site with analytical testing of soil/groundwater are warranted.

Project HAZMAT Summary
-The Phase 1 is complete.

-If construction or real estate requirements change from what was presented at the time the Phase 1 was conducted, WisDOT may request Ramboll to perform an update to the Phase 1 and further investigation may be required at other sites along the subject project.

-At this time additional phases of subsurface investigation are recommended for (10) sites along the subject project.

-**This work should be conducted 18-20 months prior to the PS&E.**

If you have any questions regarding the Phase 1 provided by Ramboll or my comments provided

above, please feel free to contact me at your convenience.

Sincerely,

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