



January 26, 2018

City of Detroit Department of Public Works
City Engineering & Street Maintenance Divisions
Coleman A. Young Municipal Center
2 Woodward Avenue, Suite 611
Detroit, Michigan 48226

Re: Notice of Migration of Contamination
From 7128 W. Jefferson Avenue, Detroit, MI, Tax ID 18000097 (MDOT Acquisition Parcel 5006)
Potentially toward West Jefferson Avenue right-of-way to the south and/or alley right-of-way to the north
Notification No. 5006-ROW

To whom it may concern:

The Mannik Smith Group, Inc. ("MSG"), on behalf of the Michigan Department of Transportation ("MDOT"), has directed or conducted underground environmental testing at 7128 West Jefferson Avenue, Detroit, Michigan ("the Site") in relation to the Gordie Howe International Bridge project underway in the vicinity of the right-of-ways referenced above ("the subject properties").

The Michigan Department of Environmental Quality ("MDEQ") requires distribution of the enclosed a Notice of Migration of Contamination form when there is evidence that environmental contamination at one property has or may have affected nearby properties. Hazardous substance(s) were identified in soil and/or groundwater sample(s) collected at the Site at concentration(s) that exceed Generic Residential Cleanup Criteria and Screening Levels established by the MDEQ.

At this time, it is not known if the subject properties have been affected by the environmental contamination at the Site. Also, the identification of hazardous substance(s) at the Site does not necessarily mean a hazardous situation or immediate danger currently exists. MSG, on behalf of the MDOT, is providing this notice to you as a precautionary measure and for your general awareness of environmental conditions at the Site.

Please review the enclosed document and if you have any questions regarding the Notice of Migration of Contamination please contact Karen Williams of the MDEQ at 586-753-3884. If you have general questions regarding the contents of this letter please contact Walter Bolt of MSG at 734-397-3100, extension 6025 or Jim Woodruff of the MDOT at 517-241-9115.

Sincerely,

Walter J. Bolt, CPG
Project Manager
Environmental Owners Representative Consultant
Gordie Howe International Bridge Project

CC: Jim Woodruff – MDOT
Karen Williams – MDEQ RRD Project Manager
Paul Max – General Manager, Environmental Affairs, City of Detroit BSEED
Anita Harrington – Environmental Specialist II, City of Detroit BSEED

TECHNICAL SKILL.
CREATIVE SPIRIT.

5006.Notice Cover Letter.DetroitDPW.docx

2365 Haggerty Road South, Canton, Michigan 48188 Tel: 734.397.3100 Fax: 734.397.3131 www.MannikSmithGroup.com

RECEIVED FEB 21 2018



2. Provide any additional ID numbers associated with the property (e.g., EPA ID No., BEA No., Part 213 facility ID No., etc.):

GHIB MDOT Parcel 5006_COMB / 5006_5008; MERA Site ID# 82002800; CNTS-RRD-16-001

3. Name, address, and telephone number of the property owner, operator, or other party submitting the notice:

Name: MDOT Bureau of Development, Environmental Services Section
Address: 425 W. Ottawa Street, P.O. Box 30050
City/State: Lansing, MI, 48909
Telephone Number: 517-241-9115

4. Name, address and telephone number of a contact person familiar with the content of the notice:

Name: Walter Bolt of The Mannik & Smith Group, Inc. Environmental Owner's Rep Consultant to MDOT
Address: 2365 Haggerty Road South
City/State: Canton, MI 48188
Telephone Number: 734-397-3100 x. 6025

5. If this Notice is provided pursuant to R 299.51017, provide the address and other location information for the adjacent property(s) onto which contamination is migrating, has migrated, or is likely to migrate.

If this Notice is provided pursuant to MCL Section 324.20114(1), provide the address and other location information for each property onto which contamination has migrated. Notice should be sent to the property owner of record. If the impacted property is owned by the State of Michigan, notice should be sent to the department managing the property (e.g., a prison, state park, etc.). Notices to the Michigan Department of Transportation (MDOT) for state owned roadways should be sent to Contaminated Site Specialist, Environmental Services Section, MDOT-Bureau of Development, 425 W. Ottawa Street, P.O. Box 30050, Lansing, MI 48909. If the impacted property is owned by the State of Michigan, notice should be sent to the department managing the property (i.e. a prison, state park, etc.).

Address: 7128, 7132, 7140 West Jefferson Avenue Notified? No Yes Date: January 26, 2018
City/State: Detroit, MI
Property Tax ID number: 18000095-7
Other: Raul Ayala

Address: 7124 West Jefferson Avenue Notified? No Yes Date: January 26, 2018
City/State: Detroit, MI
Property Tax ID number: 18000098
Other: MDOT Parcel 5009

Address: 7701 West Jefferson Avenue Notified? No Yes Date: January 26, 2018
City/State: Detroit, MI
Property Tax ID number: 18000043
Other: Riverview Trenton Railroad Company & Central Transport, LLC

Address: 3245 E. Jefferson Avenue, Ste. 100 Notified? No Yes Date: January 26, 2018
City/State: Detroit, MI, 48207
Property Tax ID number: NA
Other: Detroit Health Dept., Healthier Places Division

Address: 27700 Donald Court Notified? No Yes Date: January 26, 2018
City/State: Warren, MI, 48092-2793
Property Tax ID number: NA
Other: MDEQ, Southeast Michigan District Office
Office of Drinking Water & Municipal Assistance Division



MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
REMEDIATION AND REDEVELOPMENT DIVISION

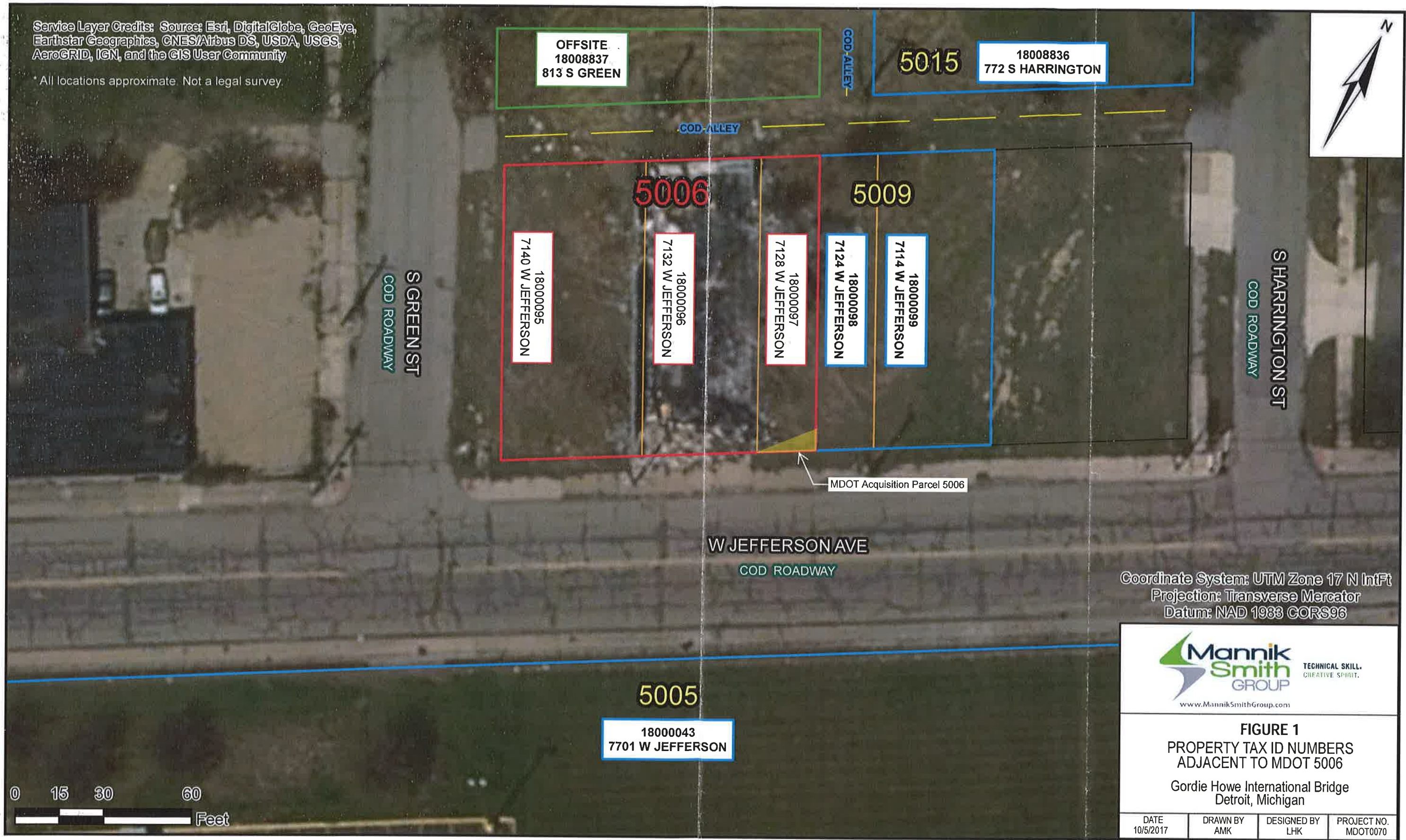
Address: 2 Woodward Avenue, Ste. 611 City/State: Detroit, MI, 48226 Property Tax ID number: NA Other: City of Detroit (West Jefferson Avenue and alley adjacent to 7128 W. Jefferson Ave. / 18000097)	Notified? No <input type="checkbox"/> Yes <input checked="" type="checkbox"/>	Date: <u>January 26, 2018</u>
Address: 27175 Energy Way City/State: Novi, MI, 48377 Property Tax ID number: NA Other: International Transmission Company (ITC) (utility holder)	Notified? No <input type="checkbox"/> Yes <input checked="" type="checkbox"/>	Date: <u>January 26, 2018</u>
Address: 735 Randolph Street, Ste. 1900 City/State: Detroit, MI, 48226 Property Tax ID number: NA Other: Great Lakes Water Authority (utility holder)	Notified? No <input type="checkbox"/> Yes <input checked="" type="checkbox"/>	Date: <u>January 26, 2018</u>
Address: 12775 Lydon Street City/State: Detroit, MI, 48227 Property Tax ID number: NA Other: Comcast/Xfinity (utility holder)	Notified? No <input type="checkbox"/> Yes <input checked="" type="checkbox"/>	Date: <u>January 26, 2018</u>
Address: 208 S. Akard Street City/State: Dallas, TX, 75202 Property Tax ID number: NA Other: AT&T Headquarters (utility holder)	Notified? No <input type="checkbox"/> Yes <input checked="" type="checkbox"/>	Date: <u>January 26, 2018</u>
Address: One Energy Plaza, Ste. 1935 City/State: Detroit, MI, 48226 Property Tax ID number: NA Other: Detroit Edison, DTE (utility holder)	Notified? No <input type="checkbox"/> Yes <input checked="" type="checkbox"/>	Date: <u>January 26, 2018</u>
Address: 6425 Huber Street City/State: Detroit, MI, 48211 Property Tax ID number: NA Other: Detroit Water & Sewerage Department (utility holder) – via email	Notified? No <input type="checkbox"/> Yes <input checked="" type="checkbox"/>	Date: <u>January 26, 2018</u>
Address: 7128 W. Jefferson Ave. (subject property) City/State: Detroit, MI Property Tax ID number: 18000097 Other: Potential holder of mineral and antiquity rights (reserved from prior sales): Michigan Department of Technology, Management, and Budget, Real Estate Division	Notified? No <input type="checkbox"/> Yes <input checked="" type="checkbox"/>	Date: <u>January 26, 2018</u>

(Attach additional pages as needed) PLEASE SEE ATTACHED FIGURES 2 AND 3

MAP OF PROPERTY TAX ID NUMBERS

Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

All locations approximate. Not a legal survey.



Date Saved: 10/5/2017 5:07:30 PM
Path: S:\Projects\Project K-O\MDOT0070\ENGAPPS\GIS\Map_Files\Notification Maps\5006_TaxID_Landscape.mxd

Coordinate System: UTM Zone 17 N IntFt
Projection: Transverse Mercator
Datum: NAD 1983 CORS96



FIGURE 1
PROPERTY TAX ID NUMBERS
ADJACENT TO MDOT 5006
Gordie Howe International Bridge
Detroit, Michigan

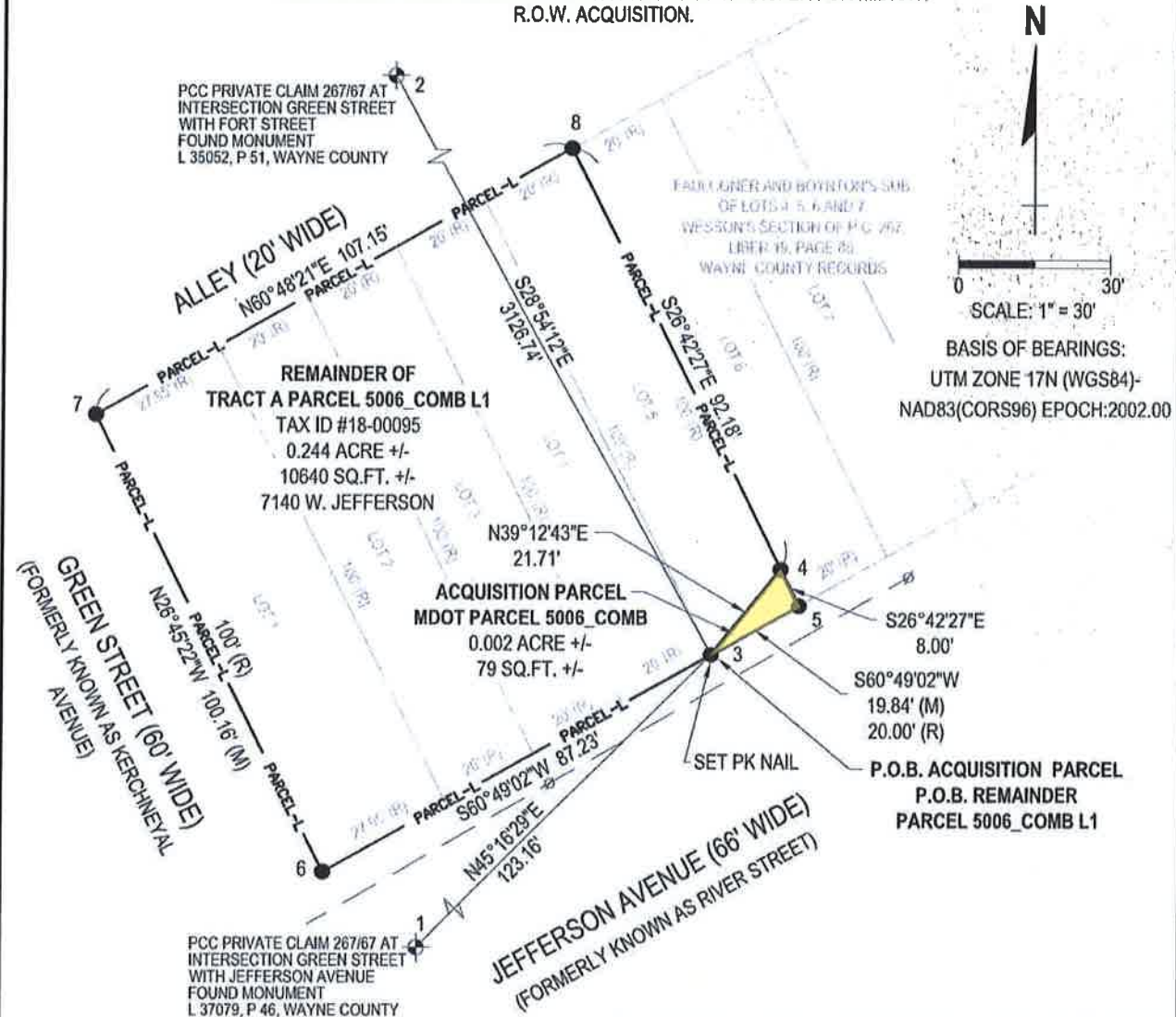
DATE 10/5/2017	DRAWN BY AMK	DESIGNED BY LHK	PROJECT NO. MDOT0070
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FIGURE 2

CERTIFICATE OF SURVEY

THIS SURVEY WAS PERFORMED FOR A PROPERTY TRANSFER FOR M.D.O.T.
R.O.W. ACQUISITION.



N
0 30'
SCALE: 1" = 30'
BASIS OF BEARINGS:
UTM ZONE 17N (WGS84)-
NAD83(CORS96) EPOCH:2002.00

- LEGEND:
- SET 5/8" IRON WITH CAP #47943 (UNLESS OTHERWISE NOTED)
 - ⊕ PROPERTY CONTROLLING CORNER (PCC)
 - P.O.B. POINT OF BEGINNING
 - x — FENCE
 - - - OVERHEAD UTILITY
 - ∅ UTILITY POLE

UTM 17N (WGS84)-NAD83(CORS96) EPOCH 2002.00				
POINT#	NORTHING	STD. DEV. N.	EASTING	STD. DEV. E.
1	15369653.84	0.05	1070396.92	0.05
2	15372477.77	0.05	1068973.17	0.05
3	15369740.51	0.05	1070484.43	0.05
4	15369757.33	0.05	1070498.15	0.05
5	15369750.18	0.05	1070501.74	0.05
6	15369697.97	0.05	1070408.27	0.05
7	15369787.41	0.05	1070363.18	0.05
8	15369839.68	0.05	1070456.72	0.05



I, Jeffrey D. Bartlett, being a Surveyor Licensed in the State of Michigan, hereby certify that I have surveyed and mapped the above parcel of land, that the ratio of closure shall be less than 1:5000 and that I have complied with the regulations of P.A. 132 of 1970 as amended.

[Signature]
4-18-17
DATE

JEFFREY D. BARTLETT, P.S.
LICENSED PROFESSIONAL SURVEYOR
MICHIGAN LICENSE NO. 47943

FOR: **MDOT**
Michigan Department of Transportation

CS: 82194	JN: 113693B
ROUTE: GHIB	DATE: 4-14-2017
DRAWN BY: JAB	PAGE
CHECKED BY: JDB	5 OF 8

PREPARED BY:
SURVEYING SOLUTIONS, INC.
4471 M-61
STANDISH, MI 48658



6. Complete the Table on Page 7 of this Form for each hazardous substance which has migrated, or is likely to have migrated, beyond the property boundary at a concentration that exceeds a Generic Residential Cleanup Criterion developed by the DEQ pursuant to MCL 324.20120a(1). Complete and attach additional copies of Page 7, if necessary, to list all hazardous substances that must be reported. Include a scaled map or drawing that shows the location of sampling points identified on the Table on Page 7, the property boundaries, and the adjacent property owners if providing notice pursuant to R 299.1017(1) or all impacted property owners if providing notice pursuant to MCL 324.20114(1).
7. Provide a summary of the information which shows that contamination is emanating from, or has emanated from, and is present beyond the boundary of the source property at a concentration which exceeds the generic residential criteria developed by the DEQ pursuant to MCL 324.20120a(1)(a). This summary shall identify the environmental media affected, specific hazardous substances, and the concentrations of those hazardous substances in all affected environmental media at the property boundary and in any sample locations beyond the property boundary. The summary shall also describe the basis for the conclusion that the contamination is emanating, has emanated, or is present beyond the boundary of the source property, including whether the conclusion is based on groundwater analytical data or fate and transport modeling, both, or neither.
8. If the person making this notice has reason to believe that a migrating hazardous substance has affected, or is likely to affect, a private or public water supply, then that water supply must be identified here:

NA

- | | YES | NO |
|---|-------------------------------------|-------------------------------------|
| 9. Is this notice being submitted within the timeframes established under R 299.51017 and/or MCL 324.20114(1), as applicable? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 10. Is this notice in addition to a notice that was submitted prior to <i>December 21, 2002</i> ? (R 299.51017(4)(c)) | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 11. Is this notice related to an oil and gas well permit (R 299.51017(2))? Permit #: | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 12. Is this notice related to an easement (R 299.51017(3))? (NOTE: All easement grantors <i>must</i> receive this notice.) | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 13. Has surface water been affected (R 299.51017(1))? (If yes, please identify the affected surface water body.) | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

CERTIFICATION:

With my signature below, I certify that I am the owner of the facility or that I am legally authorized to execute this notice on behalf of the owner or operator named on this form, and that to the best of my knowledge and belief the above representations are complete and accurate. I understand that intentionally submitting false information to the DEQ is a felony and may result in fines up to \$25,000 for each violation.

Signature Walter J. Bolt
(Owner or person legally authorized to bind the person making this report)

Date January 26, 2018

Name (Typed or Printed) Walter J. Bolt

Title (Typed or Printed) Project Manager, Environmental Owners Representative Consultant, Gordie Howe International Bridge Project



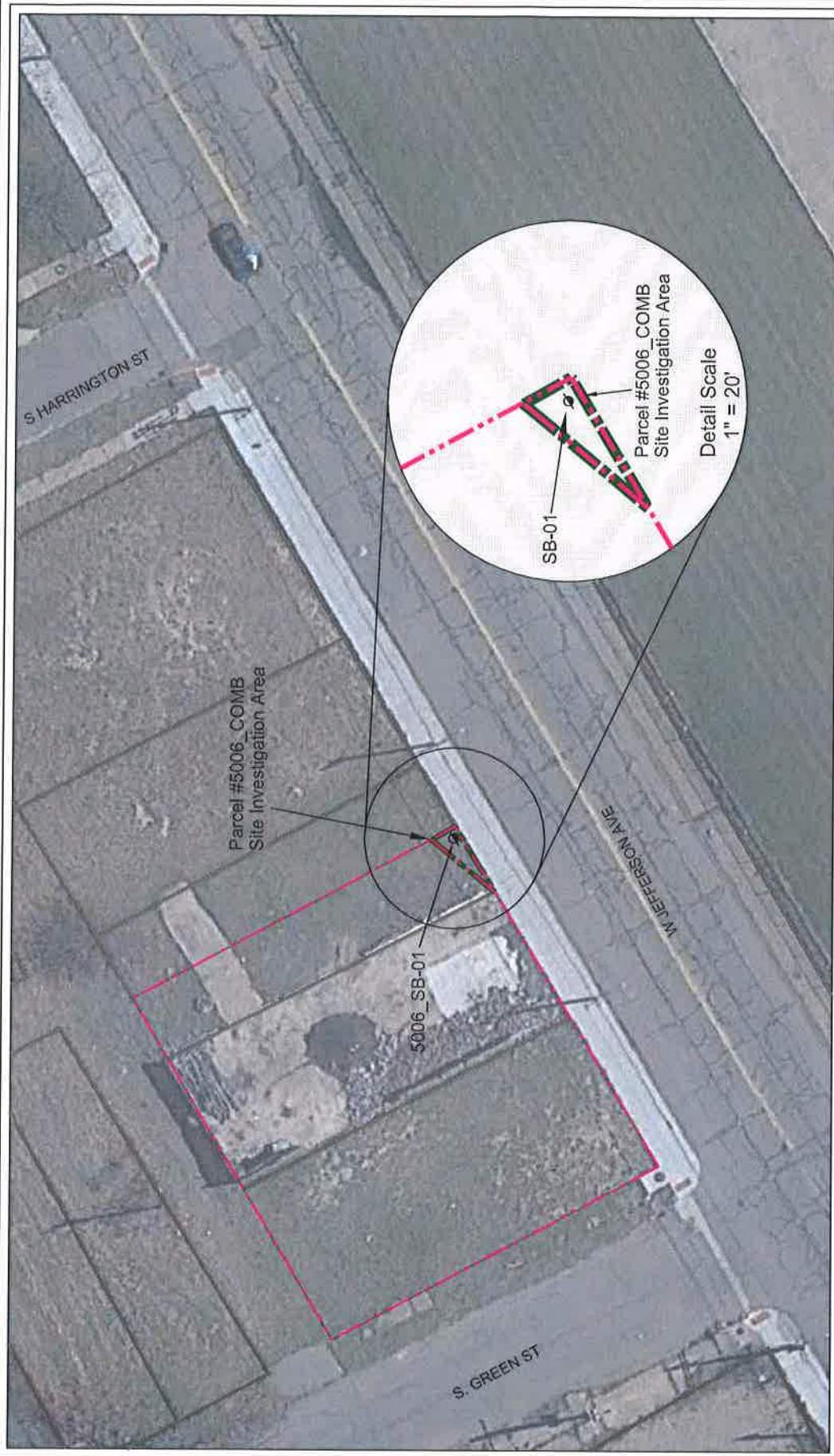
See Item 6 on Page 6 of this Form for instructions to be used in completing this table. Attach additional pages if necessary. The information to be included in each column of the table is:

- Column A Name of hazardous substance.
- Column B Chemical Abstract Service (CAS) Number for the hazardous substance.
- Column C Maximum hazardous substance concentration measured on the property, expressed in parts per billion (e.g., ug/L or ug/Kg). Report maximum concentration separately for each environmental medium.
- Column D Sample location for Column C (relate to label on map).
- Column E Environmental medium in which concentrated reported in Column C was measured (e.g., soil or groundwater).
- Column F Distance from point of maximum measured concentration (Column D) to property boundary, in direction of contaminant migration, if direction is known or can reasonably be inferred. If direction is unknown, list distance to nearest property boundary.
- Column G Direction of contaminant migration, if known.
- Column H Concentration closest to property boundary, if known. If a concentration lower than the maximum concentration reported in Column C has been measured at a point closer to the property boundary in the direction of contaminant migration, use Column H to list the concentration that was measured closest to the property boundary in the direction of contaminant migration.
- Column I Sample location for Column H (relate to label on map).
- Column J Environmental medium for measurement reported in Column H, if applicable.

A Hazardous Substance	B CAS Number	C Maximum Concentration	D Sample Location for "C"	E Environmental Medium for "C"	F Distance to Property Boundary	G Direction of Migration	H Boundary Concentration	I Sample Location for "H"	J Environmental Medium for "H"
Selenium	7782-49-2	1,100	5006_SB-01_7-12_S_SUP_20170829	Soil	2 feet	Unknown	---	---	---
Lead	7439-92-1	7.3	5006_SB-01_7-12_W_SUP_20170829	Groundwater	2 feet	Unknown	---	---	---
Selenium	7782-49-2	5.3	5006_SB-01_7-12_W_SUP_20170829	Groundwater	2 feet	Unknown	---	---	---

Total Number Samples Collected: 2 soil, 1 groundwater Total Number of Samples Exceeding Criteria: 2 soil, 1 groundwater

A scaled map or drawing showing these locations and the property boundaries must be submitted with this Notice PLEASE SEE ATTACHED FIGURE 3



Superior
 ENVIRONMENTAL CORP
 Prepared By:
 Superior Environmental Corp
 1128 Franklin Street
 Marme, MI 49435
 (616) 667-4000
www.superiorenvironmental.com

LEGEND

- ⊙ Soil Boring Location
- Approximate MDOT Parcel Boundary
- - - Approximate Site Investigation Area/ Acquisition Parcel

N

0 40
feet

SITE PLAN WITH BORING LOCATION			
GORDIE HOWE INTERNATIONAL BRIDGE			
MDOT PARCEL 5006_COMB			
7128, 7132 & 7140 W JEFFERSON AVE			
DETROIT, MICHIGAN			
PROJECT NO:	CREATED BY:	APPROVED BY:	
BC3876-EA T19	D.LANCASTER	GREG HILTY	
FILE: P:\BC3876.00\CAD\T19\BC3876EA	DATE: 11/15/17	FIGURE: 3	