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ENVIRONMENT

Mike Schmoller
Project Manager
Wisconsin Department of Natural Resources
South Central Region
3911 Fish Hatchery Road
Fitchburg, WI 53711

Subject:
Additional Soil Investigation Activities along the Bike Path, Madison-Kipp Corporation Site, 201 Waubesa Street, Madison, Wisconsin. Facility ID No. 113125320, BRRTS No. 02-13-558625

Date:
November 3, 2015

Contact:
Jennine Trask

Phone:
414.277.6203

Email:
Jennine.Trask@arcadis-us.com

Our ref:
WI001368.0030.00001

Dear Mr. Schmoller:

On behalf of Madison-Kipp Corporation (MKC), ARCADIS has been retained to prepare a work plan for soil investigation activities adjacent to the excavation that was completed in October 2015 along the Capital City Bike Path located adjacent to the northern property boundary of the MKC facility at 201 Waubesa Street in Madison, Wisconsin (Site).

The excavation adjacent to the Capital City Bike Path was completed October 6 through 9, 2015. Approximate 540 square feet of soil was excavated to a total depth of 3 feet below ground surface (ft bgs) in accordance with the Bike Path Excavation Work Plan dated August 4, 2015. Confirmation samples were collected at 11 discrete locations by MKC personnel and submitted for laboratory analysis of polychlorinated biphenyls (PCBs) by United States Environmental Protection Agency (U.S. EPA) SW-846 Method 8082. The excavation area and confirmation soil sample locations are noted on Figures 1 and 2. The excavation area was backfilled with clean soil after sampling was complete.

Results of the confirmation soil sampling completed by MKC indicated that five of the 11 soil samples contained PCB concentrations above the U.S. EPA's Toxic Substance Control Act disposal limit of 50 milligrams per kilogram.

On October 22, 2015, MKC met with the Wisconsin Department of Natural Resources (WDNR) and city of Madison to discuss the excavation and confirmation soil sampling results. Based on the analytical results, the WDNR and city of Madison requested additional soil sampling activities in the vicinity of the excavation.

The following presents a brief description of the proposed work:

- Advance 19 soil borings in the vicinity of the excavation; five soil borings within the limits of the excavation, seven soil borings at a distance of 3 feet from the perimeter boundary of the excavation, and seven step-out soil borings located at a distance of 6 feet from the perimeter boundary of the excavation.

- Collect three soil samples per soil boring within the limits of the excavation at depths of 4, 6, and 8 ft bgs.

- Collect four soil samples per soil boring beyond the excavation footprint at depths of 2, 4, 6, and 8 ft bgs.

Supplemental Soil Sampling Activities

Utility marking arrangements will be made through Digger's Hotline (the State of Wisconsin Public Utility clearance service), a private utility locator, and/or discussions with property owners. Prior to beginning work each day, a "tailgate" health and safety briefing will be held to discuss the activities and identify ways to ensure the health and safety of Site workers. If conditions are encountered during Site investigation activities that differ from those outlined in the health and safety plan, the Site activities will be re-evaluated to determine the appropriate actions that will ensure the health and well-being of the workers.

The 19 soil borings are located between the Capital City Bike Path and MKC property as shown on Figure 2. The soil borings will be advanced using a direct-push drill rig by Giles Engineering of Waukesha, Wisconsin.

An ARCADIS scientist will be on Site to oversee the drilling activities and visually screen and describe the condition and engineering properties of the soil. Soil descriptions and field screening photoionization detector results will be recorded on Soil Boring Logs (WDNR Form 4400-122).

A total of 71 soil samples will be collected from the 19 proposed soil borings shown on Figure 2. Soil samples will be submitted to Environmental Chemistry Consulting Services (ECCS, a state of Wisconsin certified laboratory). Soil samples from the five soil borings located within the excavation limits and from the seven soil borings located at a distance of 3 feet from the perimeter boundary of the excavation will be analyzed for PCBs by U.S. EPA SW-846 Method 8082 (seven Aroclor analyses: Aroclors 1016, 1221, 1232, 1242, 1248, 1254, and 1260). If initial analytical results from any soil samples are higher than the U.S. EPA's Toxic Substance Control Act disposal limit of 50 milligrams per kilogram, a soil sample from the adjacent step-out

soil boring at the corresponding depth of the exceedance will then be analyzed for PCBs.

Duplicate soil samples, matrix spike/matrix spike duplicate samples, and equipment blank samples will also be collected and analyzed for PCBs by U.S. EPA SW-846 Method 8082 in accordance with the WDNR and U.S. EPA approved Final Revised Work Plan for Polychlorinated Biphenyl Recommended Activities Subsurface Work Plan dated December 2012 (ARCADIS, 2012).

All containers and preservatives will be obtained directly from the analytical laboratory. Immediately after collection, the sample containers will be placed in a cooler with ice until sample pickup by ECCS can be arranged. Standard chain-of-custody procedures will be followed throughout sample collection, storage, and shipment.

Borehole abandonment will be completed in accordance with WDNR guidance and recorded using Borehole Abandonment Forms (WDNR Form 3300-005). Investigation derived waste will be stored in labeled drums at the Site.

Following receipt of the soil analytical results, a summary table and updated figure will be provided to the WDNR and city of Madison.

If you have any questions or require any additional information, please contact us at 414.276.7742.

Sincerely,

ARCADIS U.S., Inc.

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Environmental Specialist

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Senior Engineer

Jennine L. Trask, PE
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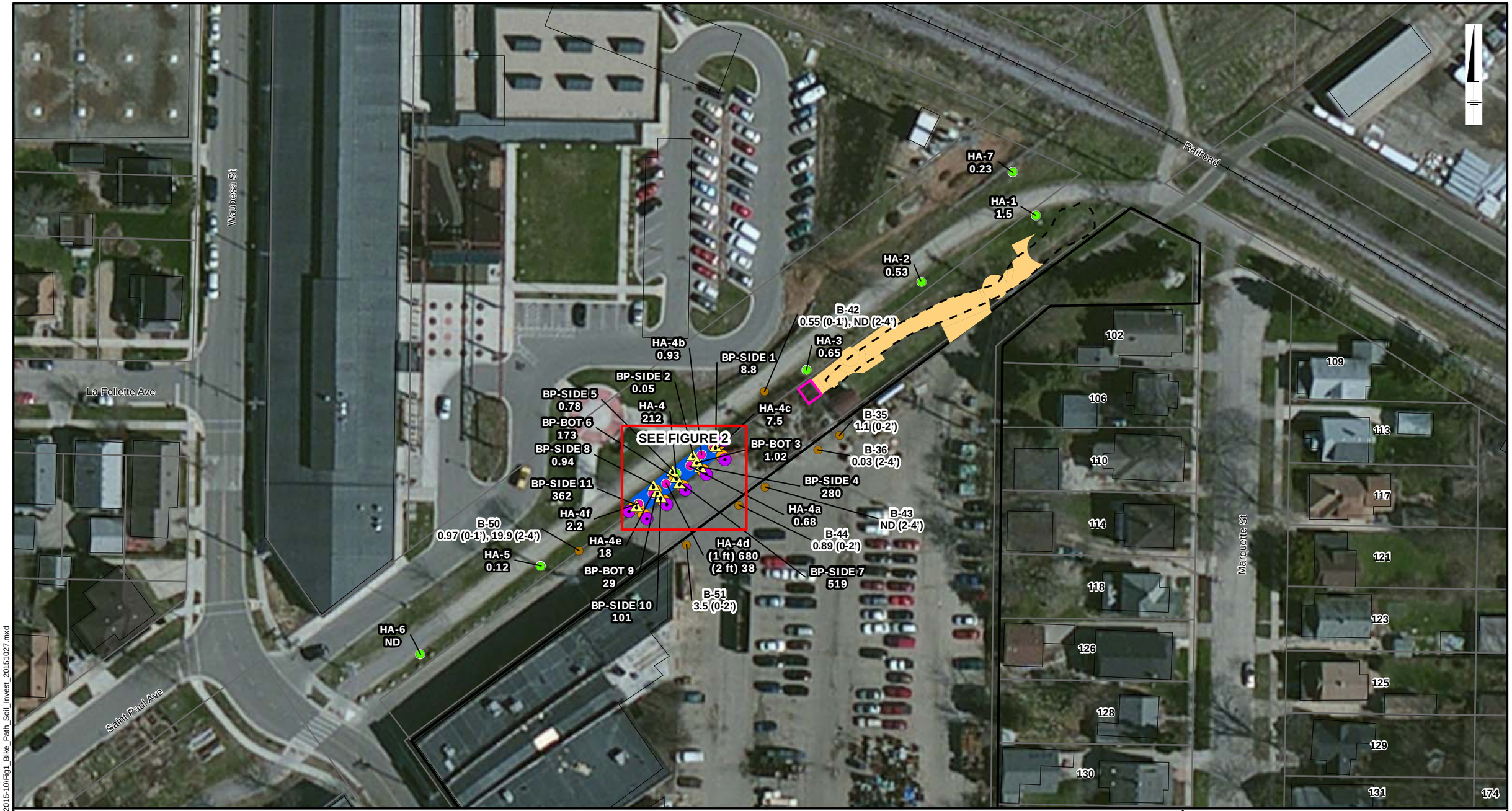
Electronic Copies:
Brynn Bemis & John Hausbeck – City of Madison
David Crass – Michael Best
Alina Satkoski– Madison-Kipp Corporation

Figures:

1 Capital City Bike Path Soil Investigation Locations, Madison-Kipp Corporation, Madison, Wisconsin.

2 Proposed Soil Boring Locations, Madison-Kipp Corporation, Madison, Wisconsin.



LEGEND

- CONFIRMATION SOIL SAMPLE
- CITY OF MADISON HAND AUGER SOIL SAMPLE LOCATIONS
- MADISON-KIPP HAND AUGER SOIL SAMPLE LOCATIONS
- SOIL BORING LOCATION
- PERIMETER OF RAIN GARDEN
- SITE
- PARCELS
- BUILDING FOOTPRINTS
- ESTIMATED EXTENT OF BIKE PATH EXCAVATION
- ESTIMATED EXTENT OF PARKING LOT EXCAVATION
- ESTIMATED EXTENT OF RAIN GARDEN EXCAVATION
- PROPOSED SOIL BORING
- POTENTIAL STEP-OUT SOIL BORING LOCATIONS

HA-1LOCATION ID
1.5 TOTAL DETECTED PCBS IN MILLIGRAMS PER KILOGRAM (MG/KG)
ND PCBS NOT DETECTED

0 60 120
SCALE IN FEET

MADISON-KIPP CORPORATION
201 WAUBESA STREET
MADISON, WISCONSIN
WORK PLAN

CAPITAL CITY BIKE PATH SOIL INVESTIGATION LOCATIONS

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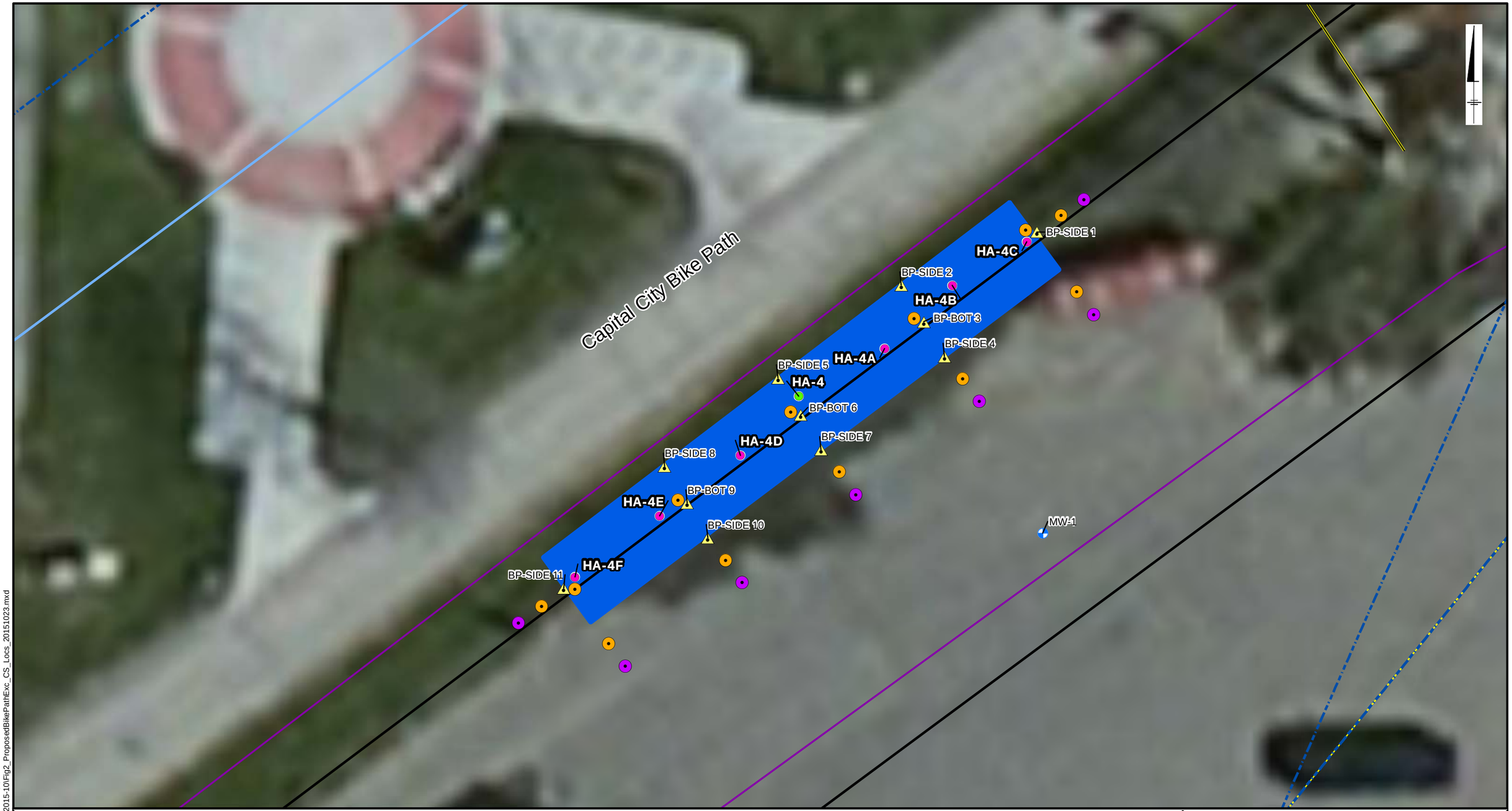
FIGURE
1

CITY: MKE DIV/GROUP: IM DB: MG LD: CK MADISON-KIPP
Z:\GISPROJECTS_ENV\MadisonKipp\ArcMap\2015-10\Fig1_Bike_Path_Soil_Invest_20151027.mxd



LEGEND

- CITY OF MADISON HAND AUGER SOIL LOCATIONS
- HAND AUGER SOIL SAMPLE LOCATIONS
- MONITORING WELL
- WATER MAIN
- ONSITE STORM WATER DISCHARGE
- ELECTRIC
- COMMUNICATIONS
- STORM WATER
- PROPOSED SOIL BORING
- POTENTIAL STEP-OUT SOIL BORING LOCATIONS
- EXCAVATION CONFIRMATION SAMPLE LOCATIONS
- EXCAVATED AREA TO 3 FEET BELOW GROUND SURFACE, AND BACKFILLED WITH CLEAN SOIL

0 10 20

SCALE IN FEET

NOTE: ALL LOCATIONS ARE APPROXIMATE

MADISON-KIPP CORPORATION
201 WAUBESA STREET
MADISON, WISCONSIN

PROPOSED SOIL BORING LOCATIONS

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FIGURE
2

CITY: MKE DIV/GROUP: IM DB: MG LD: CK MADISON-KIPP
Z:\GISPROJECTS_ENV\Madison\kipp\ArcMap\2015-10\Fig2_ProposedBikePathExc._CS_Locs_20151023.mxd