

Detroit Water and Sewerage Department

Central Services Facility 6425 Huber Street, Detroit, MI 48211

313-267-8000 • detroitmi.gov/DWSD

Letter of Transmittal											
Date:	Date:										
Petitio	on Map:										
Type of	Petition										
	Outright Vacation Conversion to Easement		Dedication Encroachment		Berm Use Temporary Closing						
Review	Status										
The ab	ove petition has been received and	d reviewed	by this office. Please see be	low for the reviev	v status as marked.						
	Approved Subject to Attached Provisions Not Approved		Revise and Resubmit								
Additio	nal Comments (if applicable):										

Attached is the DWSD provision related to the petition.

	Name	Title	Signature	Date
Reviewed by:			Mohammad Siddigue	
Approved by:			Mohammad Siddigue For Syed Ali	

PROVISIONS FOR ENCROACHMENT

- 1. By approval of this petition the Detroit Water and Sewerage Department (DWSD) does not waive any of its rights to its facilities located in the right of way, and at all time, DWSD, its agents or employees, shall have the right to enter upon the right of way to maintain, repair, alter, service, inspect, or install its facilities. All costs incident to the damaging, dismantling, demolishing, removal and replacement of structures or other improvements herein permitted and incurred in gaining access to DWSD's facilities for maintenance, repairing, alteration, servicing, or inspection by DWSD shall be borne by the petitioner. All costs associated with gaining access to DWSD's facilities, which could normally be expected had the petitioner not encroached into the right of way shall be borne by DWSD.
- 2. All construction performed under this petition shall not be commenced until after five (5) days written notice to DWSD. Seventy-two (72) hour notice shall also be provided in accordance with P.A. 53 1974, as amended, utilizing the MISS DIG one call system.
- 3. Construction under this petition is subject to inspection and approval by DWSD. The cost of such inspection shall, at the discretion of DWSD, be borne by the petitioner.
- 4. DWSD prohibits the use of heavy construction equipment or the storage of building material directly over or near DWSD facilities. DWSD also prohibits the use of cranes and balls or hydraulic rams for pavement removal where DWSD facilities are involved. If the water main or sewer facilities are broken or damaged as a result of any action on the part of the contractor, the contractor shall be liable for all costs incidental to the repair of such broken or damaged water main or sewer facilities. If DWSD facilities located within the street shall break or be damaged as the result of any action on the part of the petitioner, then in such event the petitioner agrees to be liable for all costs incident to the repair, replacement or relocation of such broken or damaged DWSD facilities.
- 5. The petitioner shall hold DWSD harmless for any damage to the encroaching device constructed or installed under this petition, which may be caused by the failure of DWSD's facilities.
- 6. If at any time in the future the petitioner shall request removal and / or relocation of DWSD's facilities in the street being encroached upon, the petitioner agrees to pay all costs for such removal and/or relocation.
- 7. Prior to construction, Easement Encroachment Permit (EEP) should be obtained and the insurance required by the EEP should not expire until after completion of the construction.
- 8. For any proposed work that involves DWSD water mains and/or sewers, an approval and a permit is required from DWSD before commencement of work.
- 9. It is DWSD's requirement that any proposed utility crossing DWSD water mains and/or sewers perpendicularly must maintain a minimum of 18 inches vertical clearance. Any proposed utility running adjacent to DWSD water mains and/or sewers must maintain a minimum of 10 feet lateral clearance including any conduit and/or manholes walls. No utility is allowed to run along the top of the water main or/or sewer.
- 10. It is DWSD's requirement that no encroachment has a vertical clearance of less than 16 feet from the ground surface over DWSD water mains and/or sewers.

Rev: 9/27/2023



February 18, 2025

Wade Trim. Inc.

555 S. Saginaw Street, Suite 201 • Flint, MI 48502 810.235.2555 • www.wadetrim.com

On Behalf of the Great Lakes Water Authority 9300 West Jefferson Boulevard Detroit, MI 48209

Attention: City of Detroit Department of Public Works

Engineering Division

Re: Encroachment - Letter of Intent

Dear City Engineer:

On behalf of the Great Lakes Water Authority (GLWA), I am requesting for a status change to the right-of-way for encroachment. This letter is to detail the summary of the proposed work in the right-of-way.

GLWA is planning to perform improvements at their Hubbell Southfield Combined Sewer Overflow (CSO) Facilities in the City of Dearborn. In coordination with the work being performed at the Hubbell Southfield facility, GLWA is proposing to refurnish two level sensors within the City of Detroit. GLWA is proposing to refurnish a level sensor at the Capital and Southfield Freeway West Service Drive at 12255 Southfield Road (L-205).

The sensor will be serviced by DTE Electric. New two-inch PVC conduit will be installed from the existing utility pole, on the fence line, to a new DTE meter and disconnection switch which will be in the berm. The new conduit will be installed 24 inches below grade. The meter and switch will be installed on a service rack, which will be 7.2 inches in depth, 27.25 inches in length, and 43.4 inches in height. From the new meter and switch, a new pedestal will be installed in the berm. We are proposing to remove the existing concrete pedestal and replace it with a new pedestal. New wires will be run through the existing one-inch conduit from the pedestal to the existing manhole in the roadway. The contractor shall clean and verify the depth of the existing conduit prior to installing the new wiring. New wires will then be run from the manhole in the roadway to the manhole under the overpass ramp. The new sensor and other instruments will be installed and housed in the manhole under the overpass ramp, as indicated on the plans. A new electrical cabinet will be installed on top of the new pedestal. The dimensions of the new cabinet will be 15 inches in depth, 20 inches in length, 36 inches in height, and 33.2 inches above the ground. The site will be restored according to City of Detroit specifications and standards. There will be no full road closures on Southfield Road; southbound traffic will be maintained.

Right-of-Way Permit Applications for this petition have been submitted to the Michigan Department of Transportation and City of Detroit, and they are currently under review (all related maps, drawings, and plan sheets are attached). If you need additional information regarding this project, please contact its project manager, Kevin VanderTuig, or Kashmira Patel at kashmira.patel@glwater.org.

Very truly yours,

Wade Trim, Inc.

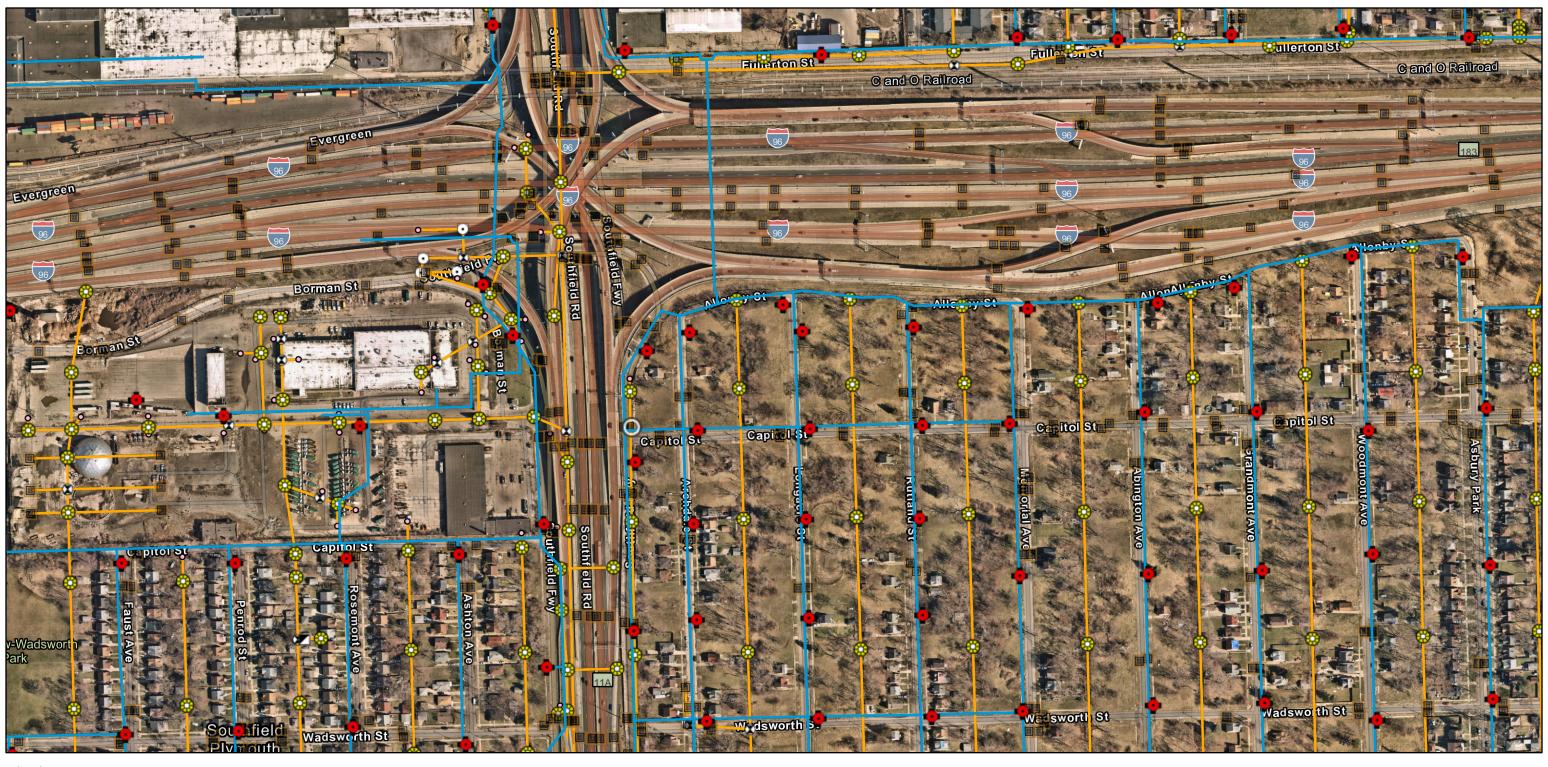
Danielle Garlington GLW 2033.01D

Letter of Intent ENG-24-1445 L205 12200 Southfield.docx

Attachments

cc: Kevin VanderTuig, Wade Trim

12200 Southfield Road







Distribution System Main

____ Active

Wastewater Catch Basin

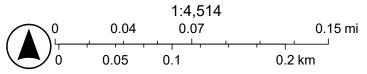
Wastewater Manhole Wastewater Fitting

Bend/Slope Change

Blind Connection Wastewater GravityMain

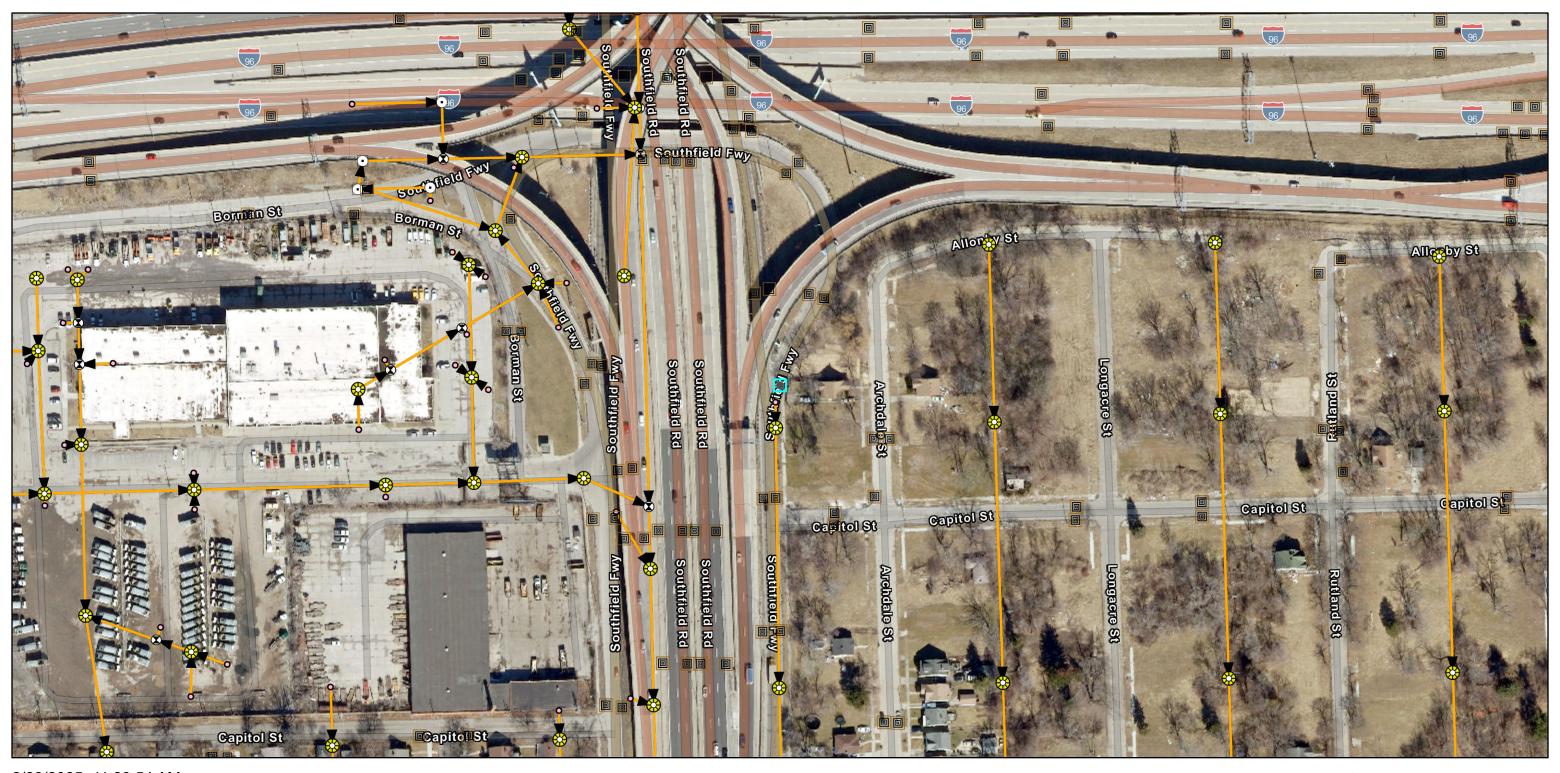
Bulkhead/Cap Active

Crown/Main Point — Abandoned/Inactive/Retired



DWSD, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community

12200 Southfield Road



2/28/2025, 11:29:54 AM

Wastewater GravityMain

____ Active

► DWSD Wastewater Flow Direction

Wastewater Fitting

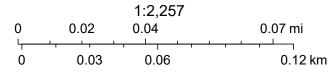
Crown/Main Point

Bend/Slope Change

Wastewater Manhole

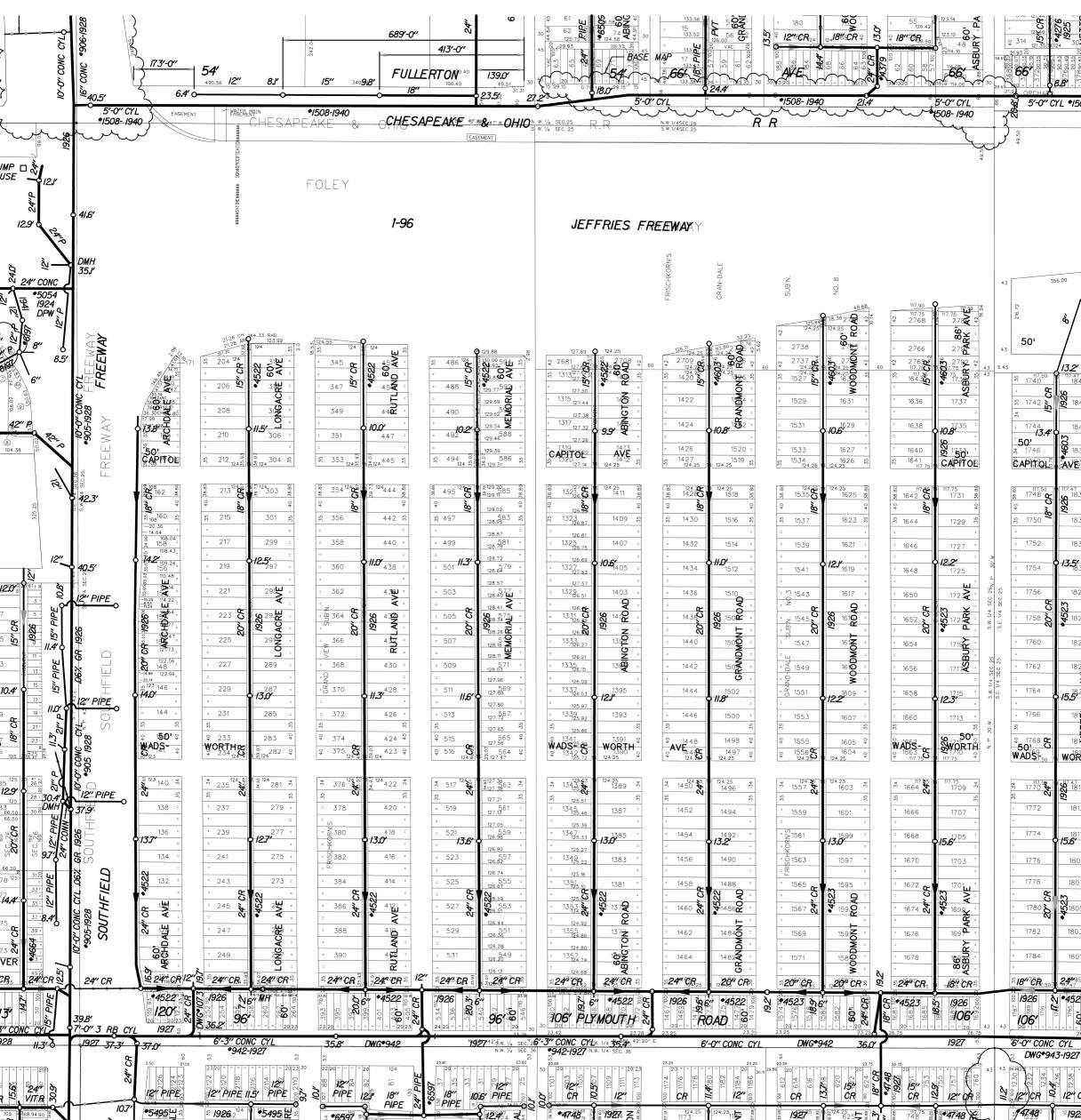
Blind Connection

Wastewater Catch Basin

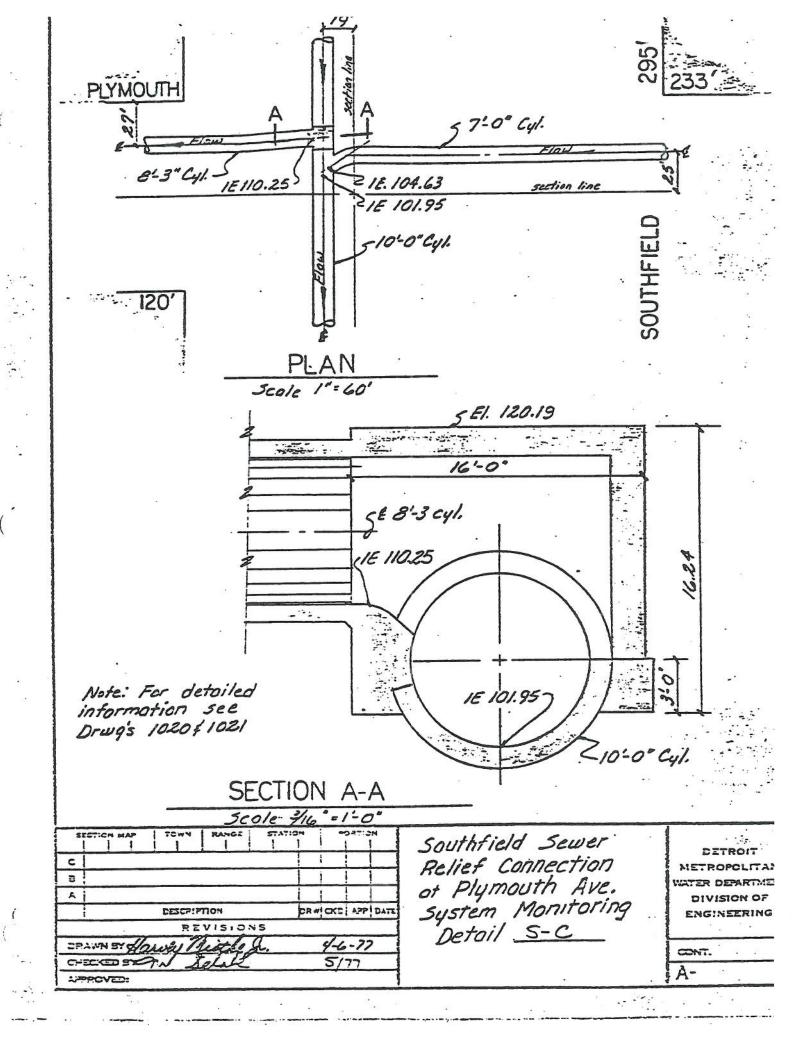


Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Maxar





MAP-25-13 JEFFRIES FREEWAY PROPOSED PEDESTAL WITH ELECTRICAL CABINET 1.25' X 1.7' X 3' 2.8' ABOVE GRADE 1.25' -EXISTING 1" ELECTRICAL CONDUIT TO INSTRUMENTS, 2' BELOW GRADE EXISTING MANHOLE -2' ó Ś EXISTING MANHOLE 60' TO FAR EAST SIDE 11' 16' OF SOUTHFIELD FWY. PROPOSED ELECTRIC SERVICE RACK (.6' X 2.3' X 3.6)', WITH DTE METER (2.8' ABOVE GRADE) AND SWITCH (2.9' ABOVE GRADE) PROPOSED 2" PVC CONDUIT BELOW GRADE JEFFRIES FREEWAY EXISTING POWER POLE CAPITOL AVE. 40 FT. WD. SOUTHFIELD FREEWAY ELECTION COMMISSION CAPITOL AVE. 40 FT. WD. REQUEST ENCROACHMENT (FOR ELECTRIC SERVICE RACK AND PEDESTAL WITH ELECTRICAL CABINET) CARTO 101 D (FOR OFFICE USE ONLY) В CITY OF DETROIT A CITY ENGINEERING DIVISION REQUEST ENCROACHMENT INTO THE DESCRIPTION DRWN CHKD APPD DATE SURVEY BUREAU REVISIONS SOUTHFIELD FWY. SERVICE DRIVE CHECKED DRAWN BY LC AP/TS JOB NO. 25-13 BETWEEN CAPITOL AVE. AND BORMAN AVE. DATE APPROVED 02-27-2025 **GE** DRWG. NO.





GREAT LAKES WATER AUTHORITY

CONTRACT NO. GLWA-XX-XXX

HUBBELL-SOUTHFIELD CSO FACILITY IMPROVEMENTS







GLWA BOARD OF DIRECTORS

Mark Miller
John J. Zech
Jaye Quadrozzi
Freman Hendrix
Brian Baker
Gary Brown

60% SUBMITTAL NOT FOR CONSTRUCTION

GLWA STAFF

Suzanne Coffey, P.E.

Chief Executive Officer

Navid Mehram, P.E.

Chief Operating Officer, Wastewater Operations

Christopher Nastally, P.E.

Director - Wastewater Engineering

Philip Kora, P.E.

Manager - Life Cycle Project Management

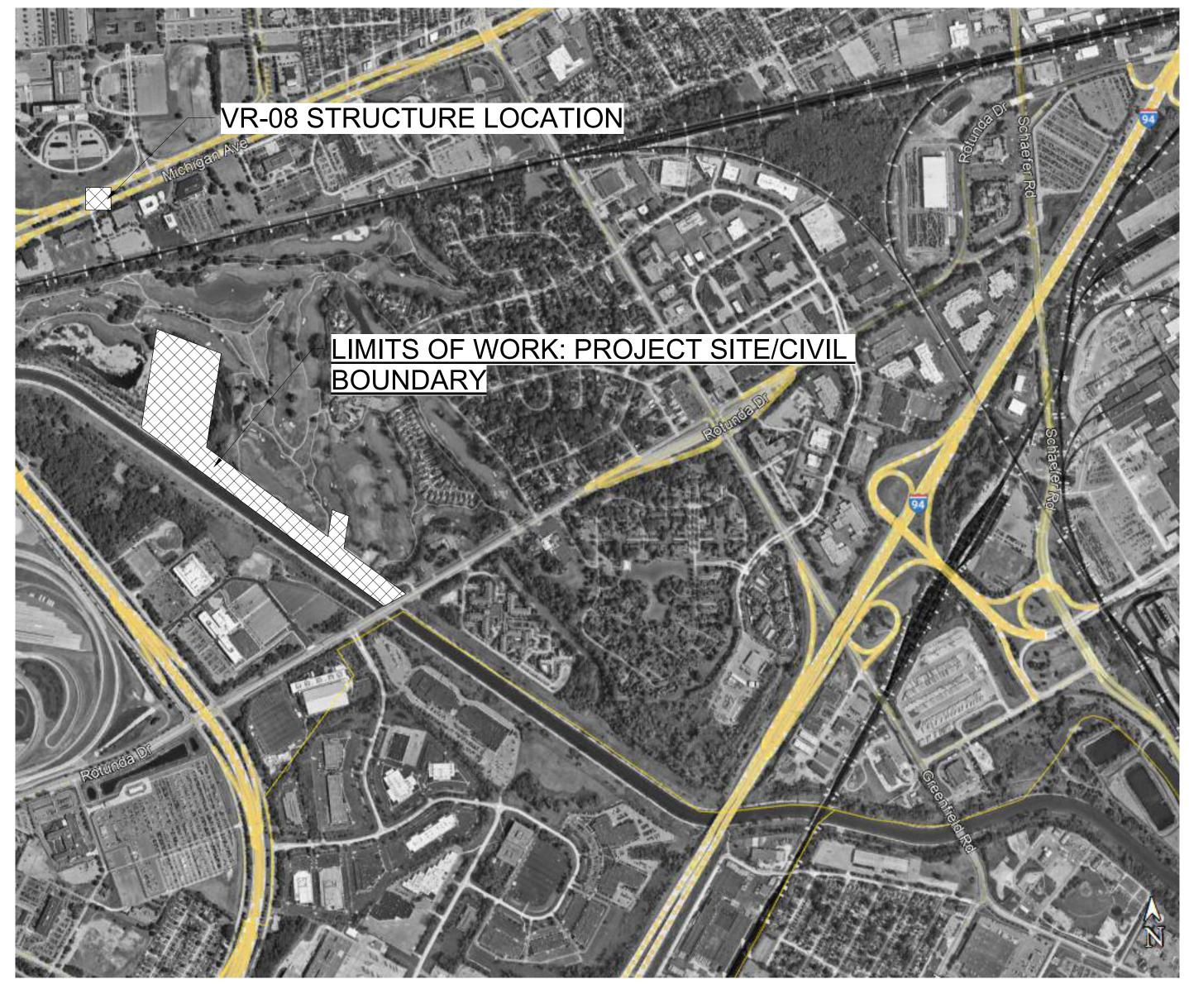
OCTOBER 2024



CITY OF DETROIT AUTHORITY HAVING JURISDICATION

L201: LOCATED AT W CHICAGO AND HUBBELL AVE. REFER TO SHEET C01-201 L205: LOCATED AT CAPTIAL AND SOUTHFIELD RD. REFER TO SHEET C01-202



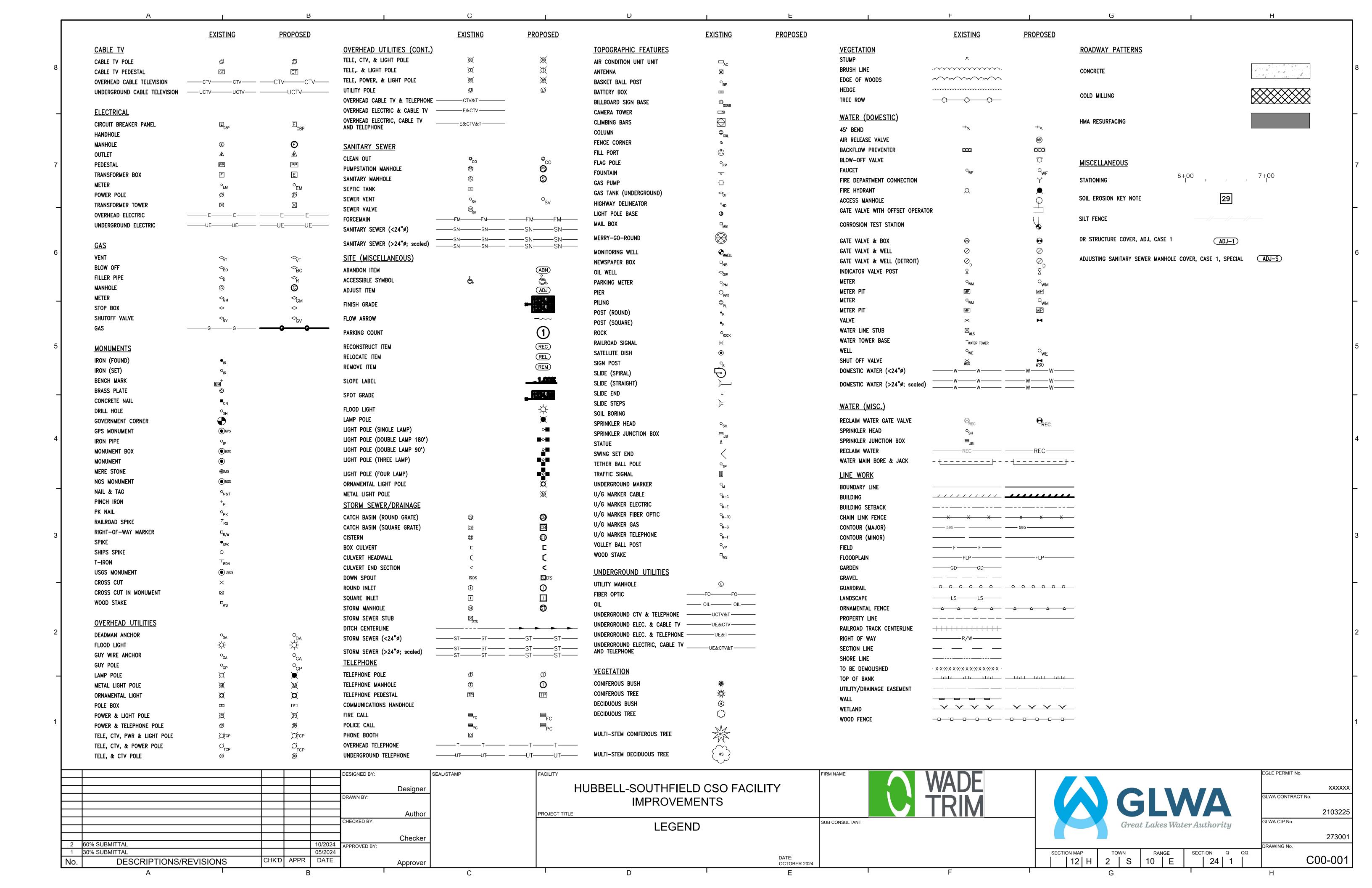




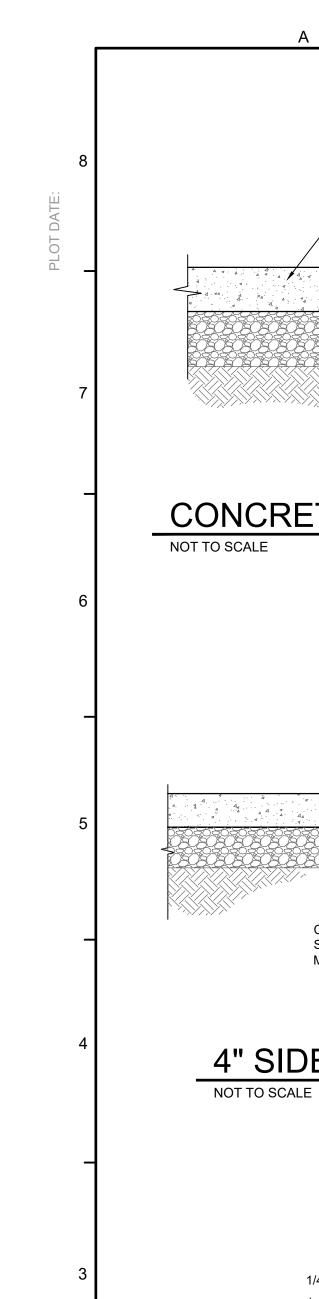
16450 ROTUNDA DR, DEARBORN, MI 48120 CITY OF DEARBORN AUTHORITY HAVING JURISDICATION

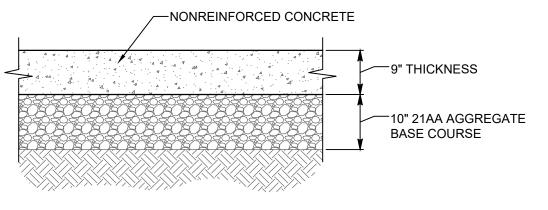
DESIGNED BY: S.LYNCH HUBBELL-SOUTHFIELD CSO FACILITY GLWA CONTRACT No. DRAWN BY: **IMPROVEMENTS** 2103225 S.LYNCH PROJECT TITLE CHECKED BY: GLWA CIP No. SUB CONSULTANT LOCATION PLANS 273001 D.WHITE 2 60% SUBMITTAL 10/2024 APPROVED BY: 1 30% SUBMITTAL 05/2024 SECTION Q QQ DATE: OCTOBER 2024 SCALE: As indicated G00-004 | 12 | H | 2 | S | 10 | E 24 | 1 | DESCRIPTIONS/REVISIONS CHK'D APPR DATE D

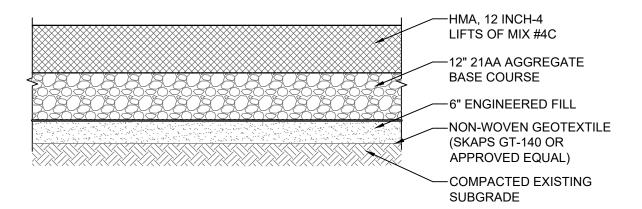
: Autodesk Docs://GLW2033-Hubbell/GLW2033_HSCSO_G_R22.rvt





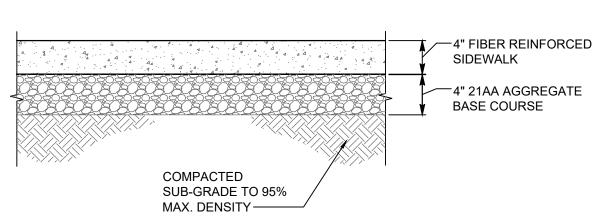


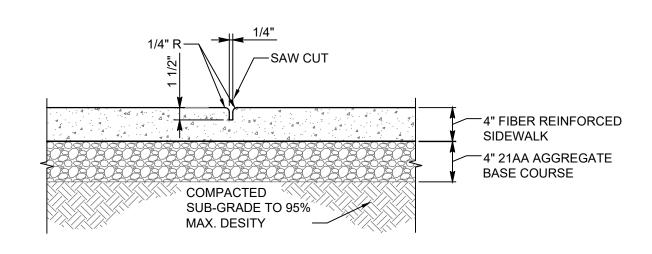


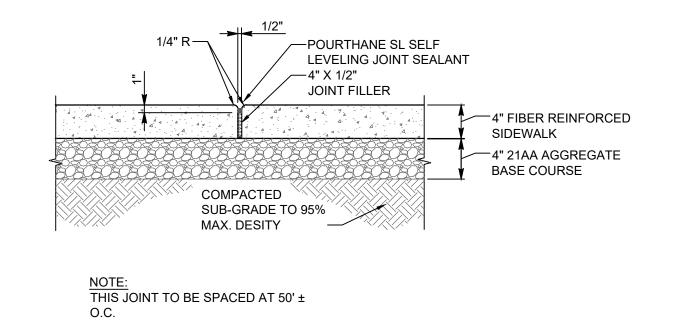


CONCRETE DRIVE PAVEMENT

ASPHALT PAVEMENT REPAIR NOT TO SCALE





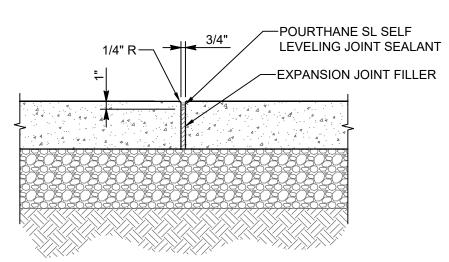


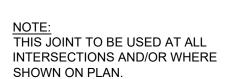
4" SIDEWALK DETAIL

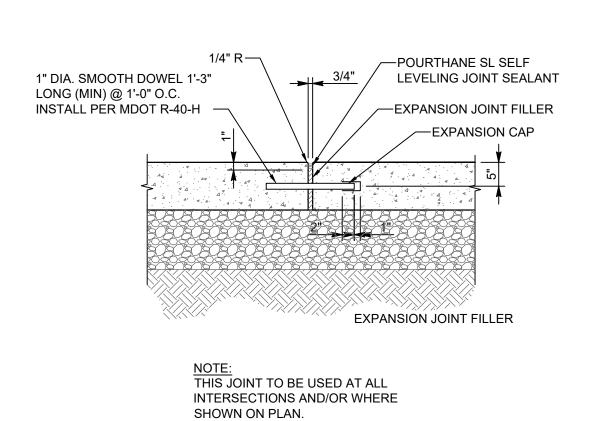
SIDEWALK CONSTRUCTION JOINT 'D' NOT TO SCALE

SIDEWALK EXPANSION JOINT 'E'

NOT TO SCALE







EXPANSION JOINT (E2)

EXPANSION JOINT (E1)

DESIGNED BY: SEAL/STAMP L.DWYER DRAWN BY: D.HEROLDJACKSON PROJECT TITLE **K.LEFEVRE** PPROVED BY: 60% SUBMITTAL 10/2024 SCALE: AS NOTED DESCRIPTIONS/REVISIONS CHK'D APPR DATE J.MICHALSKI

HUBBELL-SOUTHFIELD CSO FACILITY **IMPROVEMENTS**

> CIVIL CIVIL DETAILS DATE: OCTOBER 2024





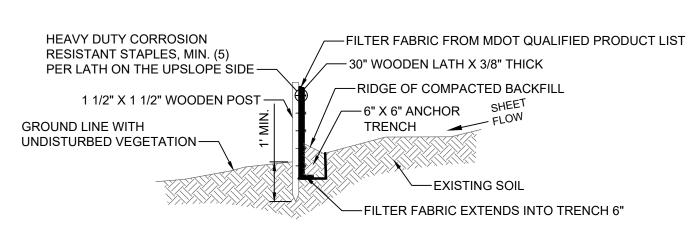
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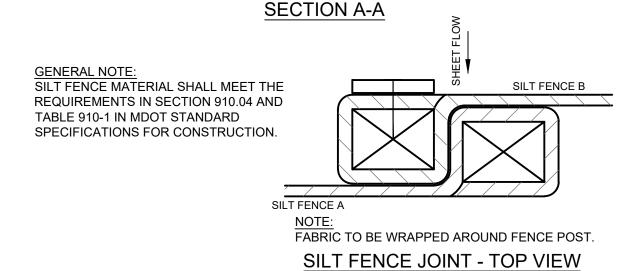
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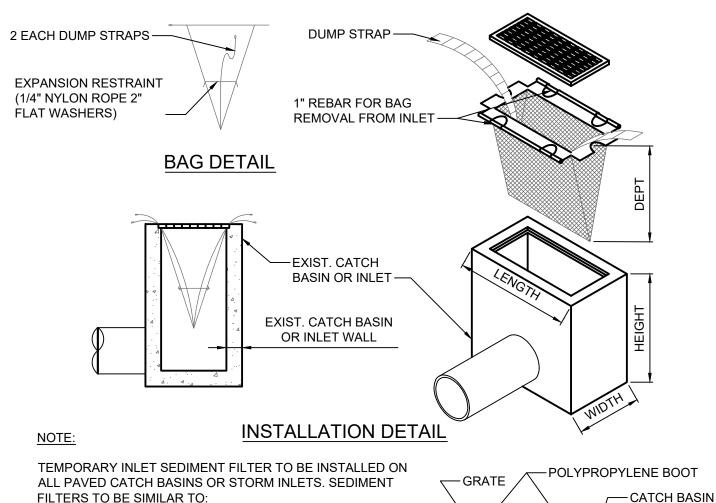
XXXXX GLWA CONTRACT No. 2103225 GLWA CIP No.

> 273001 C01-501





EROSION CONTROL SILT FENCE



FILTERS TO BE SIMILAR TO:

- 1. "SILTSACK" TYPE B REGULAR FLOW, BY ACF ENVIRONMENTAL, INC.
- 2. "INLET PRO SEDIMENT BAG", STANDARD FLOW, WITH OPTIONAL FOAM DEFLECTOR BY HANES GEO COMPONENTS.
- 3. "DANDY CURB SACK" BY DANDY PRODUCTS, INC.
- 4. "BASIN BAG", REGULAR FLOW BY CSI GEOTURF, CLEAN FILTER AS NEEDED.

GENERAL NOTES:

NOT TO SCALE

DESCRIPTIONS/REVISIONS

CONTRACTOR SHALL OBTAIN PERMISSION OF THE ENFORCING ROAD AGENCY BEFORE THIS TYPE OF CONTROL IS CONSTRUCTED IN THE ROAD RIGHT-OF-WAY.

-FILTER BAG

SEAL/STAMP

J.MICHALSKI

- 2. CONTRACTOR SHALL KEEP CURBS & GUTTER INLET FILTERS (AFTER PAVING) IN PLACE UNTIL ALL AREAS CONTRIBUTING TO THEM ARE STABILIZED WITH VEGETATION.
- CONTRACTOR SHALL PERFORM WEEKLY INSPECTION AND MAINTENANCE TO ENSURE THAT THE CURB & GUTTER INLET FILTER (AFTER PAVING OPERATES EFFICIENTLY.

INLET PROTECTION FABRIC DROP

DESIGNED BY: L.DWYER DRAWN BY: D.HEROLDJACKSON HECKED BY: **K.LEFEVRE** PROVED BY: 60% SUBMITTAL 10/2024

CHK'D APPR DATE

HUBBELL-SOUTHFIELD CSO FACILITY IMPROVEMENTS

> CIVIL CIVIL DETAILS



OCTOBER 2024



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24 | 1

| 12 | H

XXXXX GLWA CONTRACT No. 2103225

GLWA CIP No. 27300°

C01-502

SOIL EROSION AND SEDIMENTATION CONTROL **GENERAL NOTES**

CONTRACTOR SHALL ENSURE THAT SOIL EROSION AND SEDIMENTATION CONTROL MEASURES PROTECT AGAINST LOSS OF SOIL BY THE ACTION OF WATER, ICE, GRAVITY OR WIND.

SUMMARY OF BASIC PRINCIPLES

—PAVEMENT

TRENCH WIDTH

NOTES:

NOT TO SCALE

-MDOT CLASS II GRANULAR MATERIAL

PLACE AND COMPACT (IN MAX. 12" LIFTS)

BY THE "CONTROLLED DENSITY METHOD"

TO 96 PER SECTION 31 23 33, 3.10 B OF

-NOMINAL PIPE DIAMETER

4" MIN. -6" MAX MDOT

MAXIMUM TRENCH WIDTH

2'-6"

PIPE DIAMETER PLUS 18"

PIPE DIAMETER PLUS 24"

CLASS II BEDDING

NOMINAL PIPE

DIAMETER

LESS THAN 18"

18" TO 24"

1. NO EXTRA PAYMENT WILL BE MADE FOR BASE AND PAVEMENT

PERFORMED TO MINIMIZE THE SURFACE DISRUPTION.

PROJECT TITLE

SCALE:

AS NOTED

MAXIMUM TRENCH WIDTH LISTED ABOVE.

GREATER THAN 24"

RESTORATION ITEMS DUE TO ADDITIONAL EXCAVATION BEYOND THE

2. REFER TO PAVEMENT RESTORATION DETAILS FOR BASE AND PAVEMENT

3. TRENCHING SHALL BE PER OSHA 29 CFR, SUBPART P AND SHALL BE

UTILITY TRENCH - WATER MAIN

AS SPECIFIED ON PLANS

MAXIMUM UNIT WEIGHT

- KEEP DISTURBED AREA AS SMALL AS POSSIBLE.
- 2. STABILIZE AND/OR PROTECT DISTURBED AREAS AS SOON AS POSSIBLE
- KEEP STORM WATER RUNOFF VELOCITIES LOW.
- 4. RETAIN SEDIMENT WITHIN IMMEDIATE CONSTRUCTION AREA.

THE PURPOSE OF THIS PLAN IS TO SPECIFY METHODS FOR TEMPORARY EROSION CONTROL DURING CONSTRUCTION. IT IS INTENDED THAT MEASURES CALLED FOR IN THE SPECIFICATIONS AND SHOWN ON THESE PLANS BE STRICTLY ADHERED TO. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ASSURE THAT CONSTRUCTION PROCEDURES UNDERTAKEN BE IN CONFORMANCE WITH PART 91 OR ACT 451 OF 1994 THE STATE OF MICHIGAN'S SOIL EROSION AND SEDIMENTATION CONTROL ACT.

ALL SOIL EROSION AND SEDIMENTATION CONTROL DEVICES SHALL BE REGULARLY MAINTAINED BY THE CONTRACTOR THROUGHOUT THE DURATION OF THE PROJECT. COLLECTED SILT AND SEDIMENTATION SHALL BE REMOVED PERIODICALLY TO MAINTAIN THE EFFECTIVENESS OF THE SILT TRAPS OF SEDIMENTATION CONTROL DEVICES. WHERE REQUIRED. THE CONTRACTOR SHALL REPLACE FILTER MATERIALS WHICH HAVE BECOME INEFFECTIVE DUE TO CONTAMINATION OR PHYSICAL DETERIORATION.

IF POSSIBLE, NO GRUBBING SHOULD BE DONE WITHIN 30' OF AN ACTIVE WATERCOURSE.

AGGREGATES PLACED IN STREAMS SHOULD CONTAIN A MINIMUM OF FINES. AS A GENERAL RULE FOR DAMS IN SMALL STREAMS, AT LEAST 50% OF STONE SHOULD BE 6" DIAMETER OR LARGER. 3" OR LARGER STONE SHALL BE USED FOR LINING STREAM BOTTOMS WHERE LINING IS REQUIRED.

ALL TEMPORARY EROSION CONTROL FACILITIES SHOULD BE REMOVED BY THE CONTRACTOR AT THE COMPLETION OF THE CONSTRUCTION UNLESS ORDERED BY THE ENGINEER TO BE LEFT IN PLACE. CARE SHALL BE TAKEN DURING REMOVAL TO MINIMIZE SILTATION IN NEARBY DRAINAGE COURSES.

SURFACE DISRUPTION IN ADVANCE OF CONSTRUCTION INCLUDING CLEARING, GRADING OR SIGNIFICANT SOD REMOVAL SHALL BE LIMITED AS FOLLOWS, UNLESS PERMISSION IS OTHERWISE OBTAINED FROM THE GOVERNING AGENCY.

- 1. WET WEATHER SEASON (MARCH, APRIL, MAY) 5 DAYS PRIOR TO BEGINNING ANY EARTH CHANGE ACTIVITY.
- 2. DRY WEATHER SEASON (JUNE, JULY, AUGUST, SEPTEMBER, OCTOBER, NOVEMBER) - 10 DAYS PRIOR TO BEGINNING ANY EARTH CHANGE ACTIVITY.
- 3. COLD WEATHER SEASON (DECEMBER, JANUARY, FEBRUARY) 15 DAYS PRIOR TO BEGINNING ANY EARTH CHANGE ACTIVITY.

SOIL EROSION AND SEDIMENTATION CONTROL **MAINTENANCE NOTES**

THE CONTRACTOR SHALL INSPECT SOIL EROSION AND SEDIMENTATION CONTROL DEVICES WEEKLY AND WITHIN 24 HOURS OF A SIGNIFICANT RAIN EVENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE SOIL EROSION AND SEDIMENTATION CONTROL DEVICES.

MAINTENANCE INCLUDES ALL WORK NECESSARY FOR PROPER OPERATION OF THE DEVICES. DEVICES WHICH CAN NOT BE REPAIRED MAY NEED TO BE REPLACED. MAINTENANCE OF THE DEVICES SHALL BE PERFORMED WITHIN 24 HOURS OF INSPECTION.

SEDIMENT SHALL BE REMOVED AS NECESSARY TO MAINTAIN THE EFFECTIVENESS OF SOIL EROSION AND SEDIMENTATION CONTROL DEVICES.

SEDIMENT DEPOSITED ALONG SILT FENCE SHALL BE REMOVED WHEN IT REACHES 1/4 TO 1/3 THE HEIGHT OF THE FENCE.

TURF ESTABLISHMENT MEASURES SHALL BE MAINTAINED AS WOULD ANY OTHER DEVICES PRIOR TO ESTABLISHMENT OF PERMANENT TURF.

ALL MUD, DIRT AND DEBRIS TRACKED ONTO EXISTING ROADS FROM THIS SITE SHALL BE PROMPTLY REMOVED BY THE CONTRACTOR.

SOIL EROSION AND SEDIMENTATION CONTROL **TEMPORARY FACILITIES**

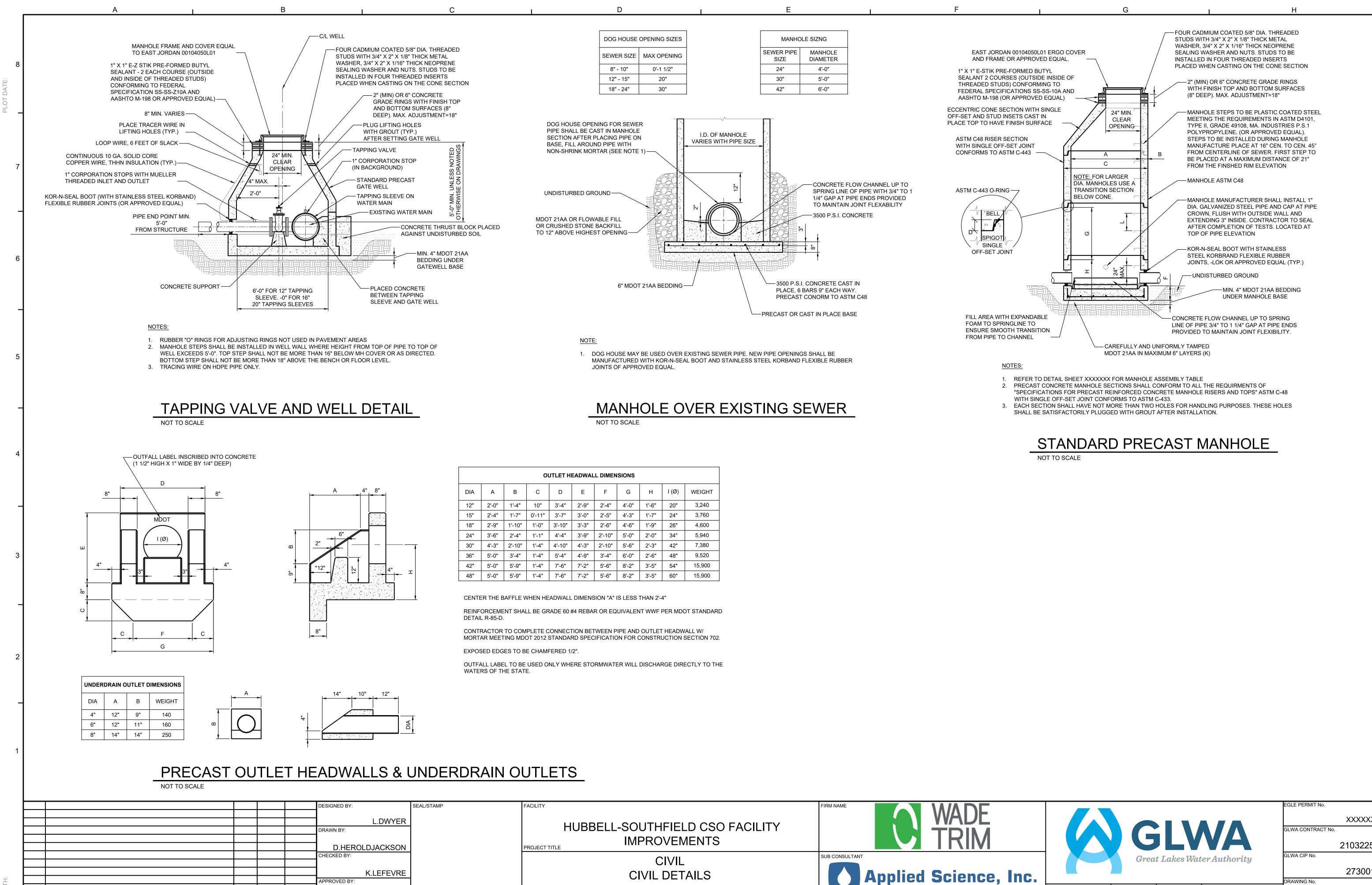
THE CONTRACTOR SHALL CONSTRUCT THIS PROJECT IN COMPLIANCE WITH PART 91 OF ACT NO. 451 OF 1994, OF THE MICHIGAN COMPILED LAWS ENTITLED "SOIL EROSION AND SEDIMENTATION CONTROL" UNDER THE CONTROL OF THE LOCAL PERMIT AGENCY CHARGED WITH ADMINISTERING THE PROVISIONS OF THIS ACT. THE CONTRACTOR SHALL FOLLOW THE PROCEDURES DELINEATED BELOW AND CONSTRUCT AND MAINTAIN THE FACILITIES SHOWN ON THE DRAWINGS TO CONTROL WATER AND WIND EROSION DURING CONSTRUCTION OF THIS PROJECT.

ALL DISTURBED SURFACE AREA (INCLUDING UTILITY TRENCHES) SHALL BE TEMPORARILY GRADED AND/OR DITCHED TO DIRECT ALL WATER RUNOFF FROM SUCH AREAS TO SEDIMENTATION CONTROL DEVICES WHICH WILL PREVENT WATER CARRYING ERODED SOIL FROM ENTERING A WATERCOURSE, SEWER, OR ADJACENT LANDS. SUCH SEDIMENTATION TRAPS, SEDIMENT FILTERS, DITCH TRAPS, PIPE BARRIERS, AND FILTERS AS DETAILED AND REQUIRED AND WHERE INDICATED ON THE DRAWINGS. AFTER THE PROJECT WORK HAS BEEN COMPLETED, INSPECTED, AND APPROVED, THE CONTRACTOR SHALL REMOVE ALL SEDIMENTATION CONTROL DEVICES, MATERIAL, AND THEIR COLLECTED SILT AND DEBRIS AND RESTORE THE AREA IN ACCORDANCE WITH THE DRAWINGS.

IN ROADWAY AREAS TEMPORARY AGGREGATE SURFACING SHALL BE PLACED IMMEDIATELY AFTER THE BACKFILLING OPERATION HAS BEEN COMPLETED. POSITIVE DUST CONTROL MEASURES SHALL BE TAKEN AT ALL TIMES.

PERMANENT STABILIZATION SHALL BE COMPLETED WITHIN 5 DAYS OF FINAL EARTH CHANGE. FINAL CLEANUP AND RESTORATION WILL CONSIST OF FINAL GRADING, TOPSOILING, SEEDING AND MULCHING AND/OR SODDING OF ALL DISTURBED AREAS OF THE PROJECT.

IF SEASONAL CONDITIONS PREVENT FINAL CLEANING AND RESTORATION, OF THE CONTRACTOR SHALL PROCEED WITH TEMPORARY STABILIZATION OF THE DISTURBED AREA. TEMPORARY STABILIZATION SHALL CONSIST OF ROUGH GRADING THE DISTURBED AREA IN ACCORDANCE WITH THESE SPECIFICATIONS. TEMPORARY STABILIZATION MATERIALS SHALL BE REMOVED AND DISPOSED OF AND FINAL CLEANUP AND RESTORATION SHALL BE COMPLETED NOT LATER THAN 5 DAYS AFTER SEASONAL CONDITIONS ALLOW PERFORMANCE OF THE REQUIRED WORK.



OCTOBER 2024

XXXXX

273001

C01-503

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60% SUBMITTAL

DESCRIPTIONS/REVISIONS

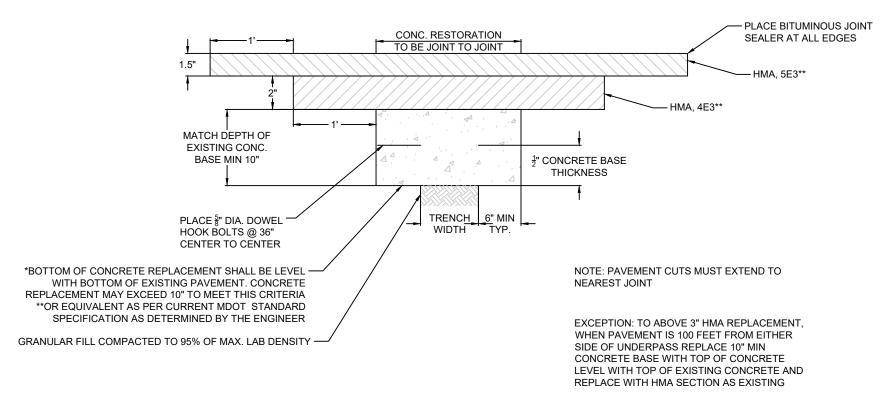
10/2024

J.MICHALSKI

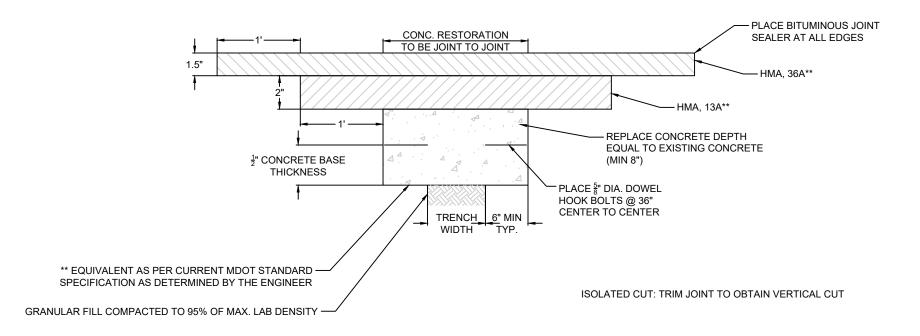
AS NOTED

CHK'D APPR DATE

MAJOR STREETS



RESIDENTIAL STREETS



UTILITY TRENCH PAVEMENT RESTORATION

NOT TO SCALE

CITY OF DETROIT NOTES

1. MILL (REMOVE) HMA PAVEMENT WITHIN AND BEYOND THE AREA OF TRENCH PAVEMENT REMOVAL IN ORDER TO DETERMINE LOCATION OF UNDERLYING CONCRETE BASE JOINTS. MILL MINIMUM TO 1' BEYOND NEAREST CONCRETE

2. EXTEND UTILITY TRENCH CONCRETE PAVEMENT REMOVAL TO ALL CONCRETE PAVEMENT JOINTS AND/OR CURBS ADJACENT TO THE TRENCH AREA.

3. CONCRETE PAVEMENT CUTS SHALL BE MINIMUM 3' WIDE.

4. ALL PAVEMENT CUTS SHALL BE MINIMUM 1' WIDER THAN TRENCH WIDTH.

5. ALL REMOVALS SHALL BE SAWCUT STRAIGHT AND SQUARE (90 DEGREES)

6. CONCRETE RESTORATION PAVEMENT SHALL BE MDOT P1 MIX (3,500 PSI) 7. RESTORED CONCRETE PAVEMENT SHALL MATCH THICKNESS OF EXISTING CONCRETE PAVEMENT IN

CONFORMANCE WITH MDOT STANDARDS DETAIL R-44-F.

8. RESTORED CONCRETE SHALL BE ANCHORED TO EXISTING CONCRETE PAVEMENT IN CONFORMANCE WITH MDOT STANDARD DETAIL R-44-F.

9. APPLY HMA TACK COAT PER MDOT STANDARD SPECIFICATIONS SECTION 904.

10. RESTORE HMA PAVEMENT $3\frac{1}{2}$ " TO MATCH EXISTING, IN 2 LIFTS:

FIRST LIFT - 2" MDOT HMA 4E3 (13A RESIDENTIAL), COMPACTED, EXTENDED 1' BEYOND BASE CONCRETE REPAIR. SECOND LIFT - 1 ½" MDOT HMA 5E3 (36A RESIDENTIAL). COMPACTED, EXTENDED 1' BEYOND FIRST LIFT.

11. BITUMOUS JOINT SEALER SHALL BE PLACED AT ALL FINISHED HMA JOINTS.

12. ALL DISTURBED PAVEMENT MARKINGS AND OTHER ASSETS, INCLUDING BIKE LANE DELINEATORS, WILL HAVE TO BEREPLACED AT THE COST OF THE PERMIT HOLDER, AND SHALL CONFORM TO THE LATEST CED/TED STANDARDS. 13. FOR OTHER RELATED SPECIFICATIONS (BACKFILL, COMPACTION, MATERIALS, ETC.) REFER TO DIVISION 15 OF THE CITY OF DETROIT STANDARD SPECIFICATIONS FOR PAVING AND RELATED CONSTRUCTION.

14. NOTIFIY THE CITY OF DETROIT ENGINEERING DEPARTMENT 24 HOURS PRIOR TO STARTING CONSTRUCTION. 15. ANY OPEN EXCAVATIONS ARE TO BE STEEL PLATED, IF EXCAVATIONS ARE IN THE PAVEMENT, THE PLATES ARE TO BE SPIKED AND RAMPED WITH COLD PATCH. CONTACT THE CITY WITH LOCATION OF THE STEEL PLATE.

16. THE CITY OF DETROIT REQUIRES ALL CONCRETE WORK TO BE STAMPED WITH CONTRACTORS IDENTIFICATION STAMP.

					DESIGNED BY:	SEAL/STAMP	FACILITY
					1		_
					D.GARLINGTON		
					DRAWN BY:		
					1		
					D.GARLINGTON]	PROJECT TITLE
					CHECKED BY:		
3	90% SUBMITTAL			12/2024	K.COOK		
2					APPROVED BY:	1	
1]		
No.	DESCRIPTIONS/REVISIONS	CHK'D	APPR	DATE	к.соок		

HUBBELL-SOUTHFIELD CSO FACILITY IMPROVEMENTS

CIVIL CITY OF DETROIT DETAILS



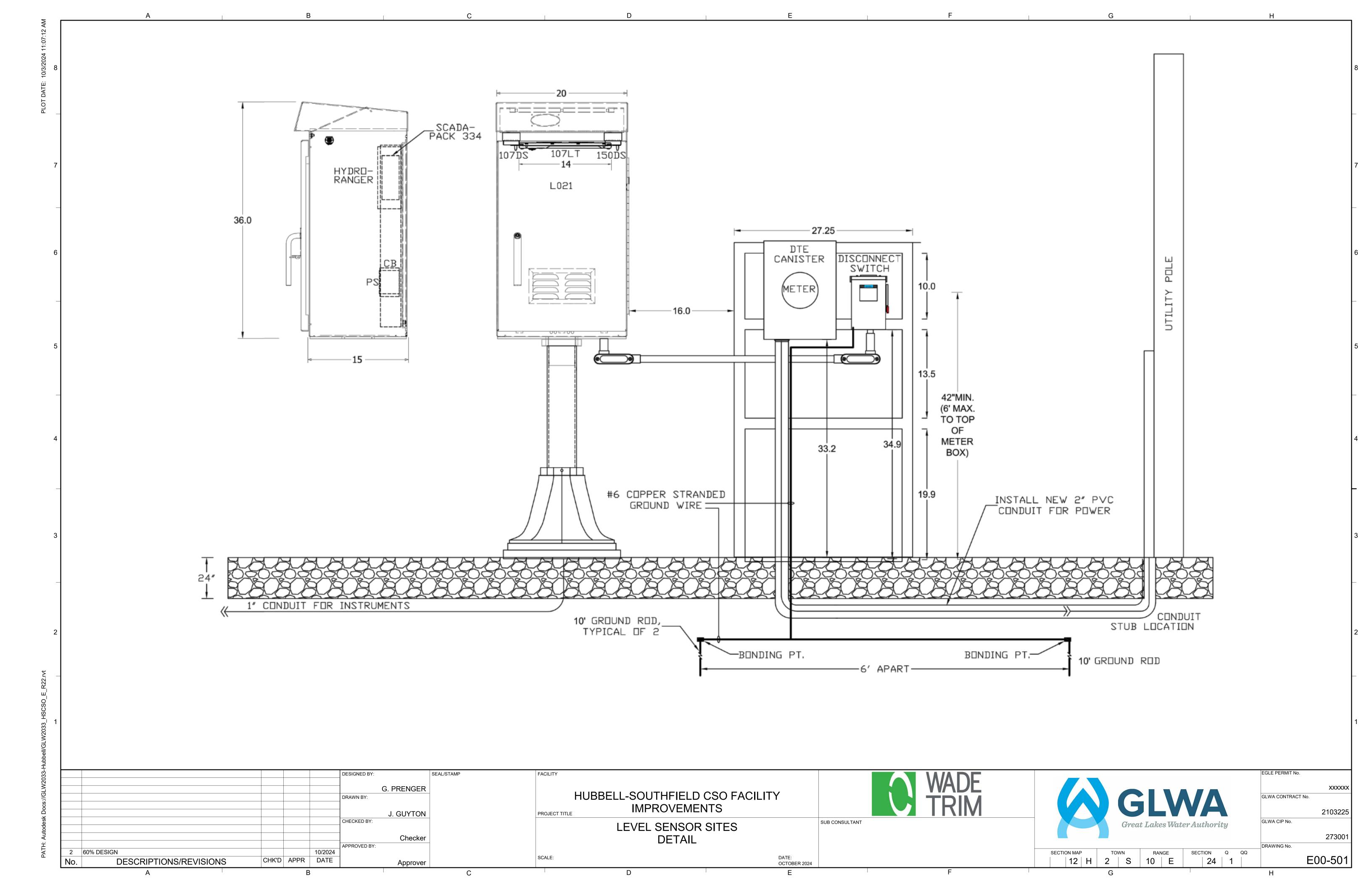


GLWA CONTRACT No. 2103225

> 27300 C01-505

DATE: OCTOBER 2024 | 12 | H | 24 | 1

SUB CONSULTANT



City of Detroit

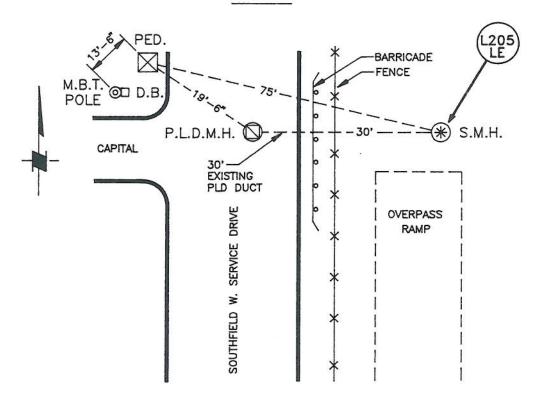
L-205

WATER AND SEWERAGE DEPARTMENT

LEVEL SENSOR L-205

CAPITAL AND SOUTHFIELD

DETROIT



NOTES:

PEDESTAL REMOVED.

LOCATION/NAME: Capital & Southfield Expressway

PEDESTAL ADDRESS: 12200 Southfield, Detroit

POWER POLE ADDRESS: N/A

COMM POLE ADDRESS: N/A

DISTANCES

S.M.H. TO PEDESTAL: 75'
COMM M.H. TO PEDESTAL: N/A
POWER M.H. TO PEDESTAL: 19'-6"

POWER POLE TO PEDESTAL: Same Pole As Below

COMM POLE TO PEDESTAL: 13'-6"
DEMARC LOC: 10' Up On MBT Pole

INSTRUMENTATION DATA

TYPE: N/A COMM

MANUFACTURER: N/A □ MBT ■ PLD MODEL: N/A CKT: TL551

SERIAL NUMBER: N/A FREQ: 565 HZ

RANGE: N/A

DATE INSTALLED: 2/20/69
SEWER SIZE: 10'-0"

POWER

□ DECO ■ PLD

DEPTH TO INVERT: 40.0' , MAP: No. 1

INVERT: 102.85' DRAWING: 2334-L205

COMMENTS: At 2/18/70 contract had excavated to the depth of 7 feet to expose PLD

existing duct for communication cables.

Pedestal and box completely removed.

S-C shows connection of Southfield & Plymouth sewers downstream of

L205.