



## Addendum 2

Project: **BID NO. 9953 TROY SCHOOL DISTRICT 2023 PAVING PROGRAM**

Bid Due date: **11:00 AM Local Time, Monday, January 30, 2023 (REVISED)**

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This Addendum is issued as modifications to the RFP previously issued to provide clarifications to the scope of work. This Addendum supersedes the original RFP. This along with the RFP becomes the bid documents.

### I. General Information

1. For questions e-mail [purchasingoffice@troy.k12.mi.us](mailto:purchasingoffice@troy.k12.mi.us) or through Buildingconnected.com.
2. Addendum #2 dated January 24, 2023, issued by PEA Group.
3. Bid Package, page 1, 3<sup>rd</sup> Paragraph, Revise 3<sup>rd</sup> Sentence. Bids are to be submitted no later than **11:00 AM Local Time Monday, January 30, 2023.**
4. Bid Package, page 2, Instructions to Bidders, Article 2, Revise 3<sup>rd</sup> Sentence. Bids are to be submitted no later than **11:00 AM Local Time Monday, January 30, 2023.**
5. Bid Package, page 7, Opening and Awarding of Bids, Revise. Bids will be publicly opened and read aloud immediately following the close of receiving bids with the following virtual meeting link [meet.google.com/urt-ogsb-zig](https://meet.google.com/urt-ogsb-zig) at 11:00 AM local time, Monday, January 30, 2023. The recommendation for award will be submitted to the Board of Education at the regular Board of Education Meetings to be held on Tuesday, February 7, 2023, and Tuesday, February 14, 2023.
6. Bid Package, page 9, Revise Header: DUE: 11:00 AM, Local Time, Monday, January 30, 2023.
7. Invitation of Bid, page 1, 3<sup>rd</sup> Paragraph, Revise 3<sup>rd</sup> Sentence. Bids are to be submitted no later than **11:00 AM Local Time Monday, January 30, 2023.**

END



1849 Pond Run  
Auburn Hills, MI 48326

844.813.2949  
peagroup.com

**PROJECT:** 2023 Troy School District Site Improvements – Paving Projects  
**DATE:** January 24, 2023  
**FROM:** PEA Group  
**PEA JOB No.:** 2022-1281  
**PURPOSE:** Addendum #2

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The following clarifications/changes have been made to the bid package based on questions from bidders.

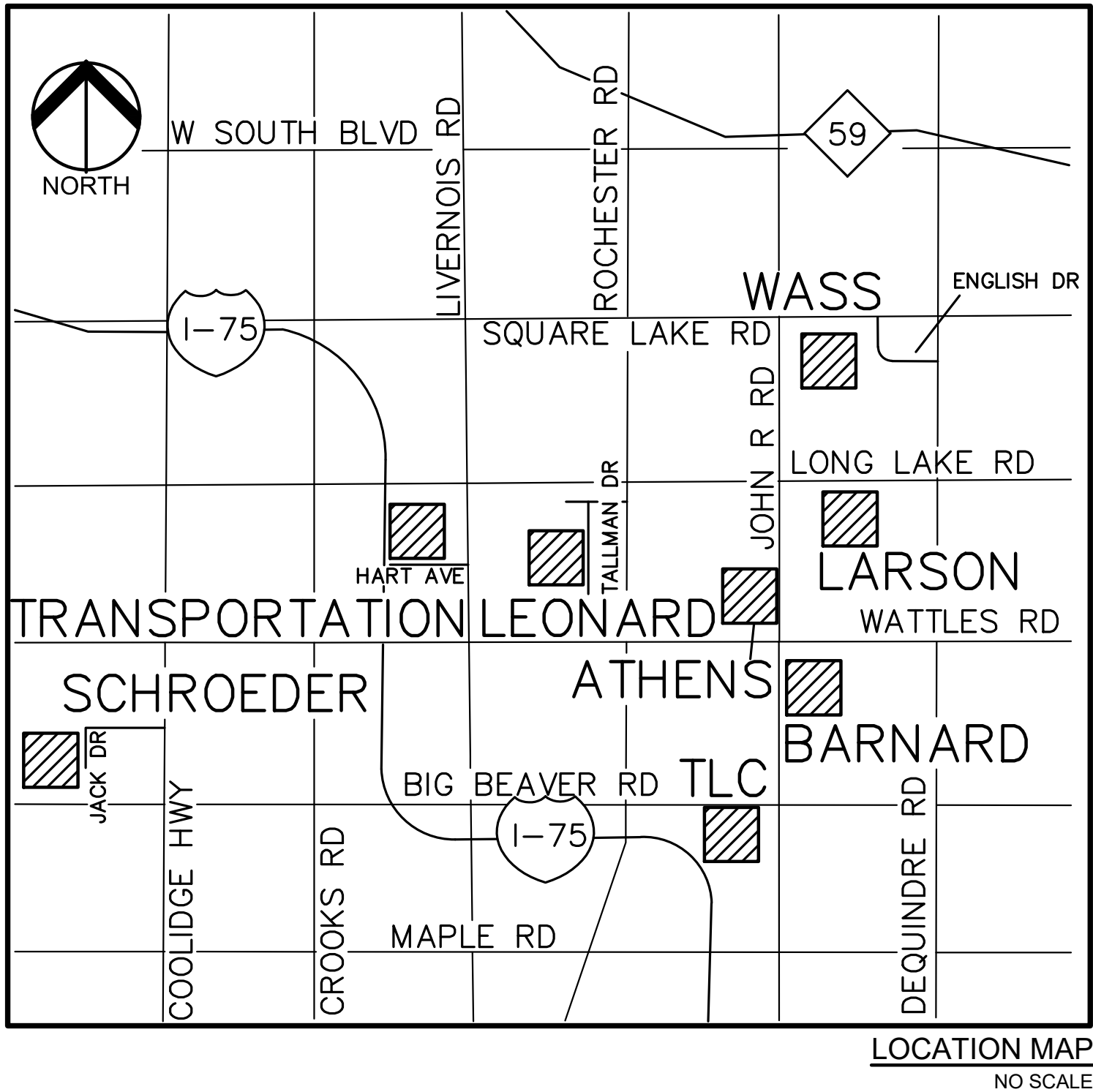
1. Cover:
  - a. The sheet index was updated to reflect the plans sheets that were updated for this Addendum.
2. Transportation Center:
  - a. Sheet C-1.6
    1. The plan sheet was updated to show all of the existing grades for the site.
  - b. Sheet C-3.6
    1. The plan sheet was updated to show all of the existing grades for the site.

CONSTRUCTION PLANS

TSD 2023 SITE IMPROVEMENTS

PAVING PROJECTS

TROY, OAKLAND COUNTY, MICHIGAN



Sheet List Table	
Sheet Number	Sheet Title
C-0.0	COVER SHEET
LARSON MIDDLE SCHOOL	
C-1.1	TOPOGRAPHIC SURVEY AND DEMOLITION PLAN
C-2.1	PAVING AND DIMENSION PLAN
C-3.1	GRADING AND SESC PLAN
SCHROEDER ELEMENTARY SCHOOL	
C-1.2	TOPOGRAPHIC SURVEY AND DEMOLITION PLAN
C-2.2	PAVING AND DIMENSION PLAN
C-3.2	GRADING AND SESC PLAN
LEONARD ELEMENTARY SCHOOL	
C-1.3	TOPOGRAPHIC SURVEY AND DEMOLITION PLAN
C-2.3	PAVING AND DIMENSION PLAN
C-3.3	GRADING AND SOIL EROSION PLAN
WASS ELEMENTARY SCHOOL	
C-1.4	TOPOGRAPHIC SURVEY AND DEMOLITION PLAN
C-2.4	PAVING AND DIMENSION PLAN
C-3.4	GRADING AND SOIL EROSION PLAN
TROY LEARNING CENTER	
C-2.5	ENGINEERING PLAN
TRANSPORTATION CENTER	
C-1.6	TOPOGRAPHIC SURVEY AND DEMOLITION PLAN
C-2.6	PAVING AND DIMENSION PLAN
C-3.6	GRADING AND SOIL EROSION PLAN
BARNARD ELEMENTARY SCHOOL	
C-1.7	TOPOGRAPHIC SURVEY AND DEMOLITION PLAN
C-2.7	PAVING AND DIMENSION PLAN
C-3.7	GRADING AND SOIL EROSION PLAN
ATHENS HIGH SCHOOL	
C-2.8	ENGINEERING PLAN
NOTES AND DETAILS	
C-4.0	NOTES AND DETAILS
C-4.1	NOTES AND DETAILS
TROY STANDARD DETAILS	
D	SESC DETAILS
E	STORM SEWER DETAILS

DESIGN TEAM

OWNER	CIVIL ENGINEER
TROY SCHOOL DISTRICT 1140 RANKIN DRIVE TROY, MI 48063 CONTACT: ROB CARSON PHONE: 248.923.4067 EMAIL: RCARSON@TROY.K12.MI.US	PEA GROUP 1849 POND RUN AUBURN HILLS, MI 48326 CONTACT: ROBERT ROCHON, P.E. PHONE: (248) 689-9090 EXT. 1161 FAX: (248) 689-1044 EMAIL: RROCHON@PEAGROUP.COM

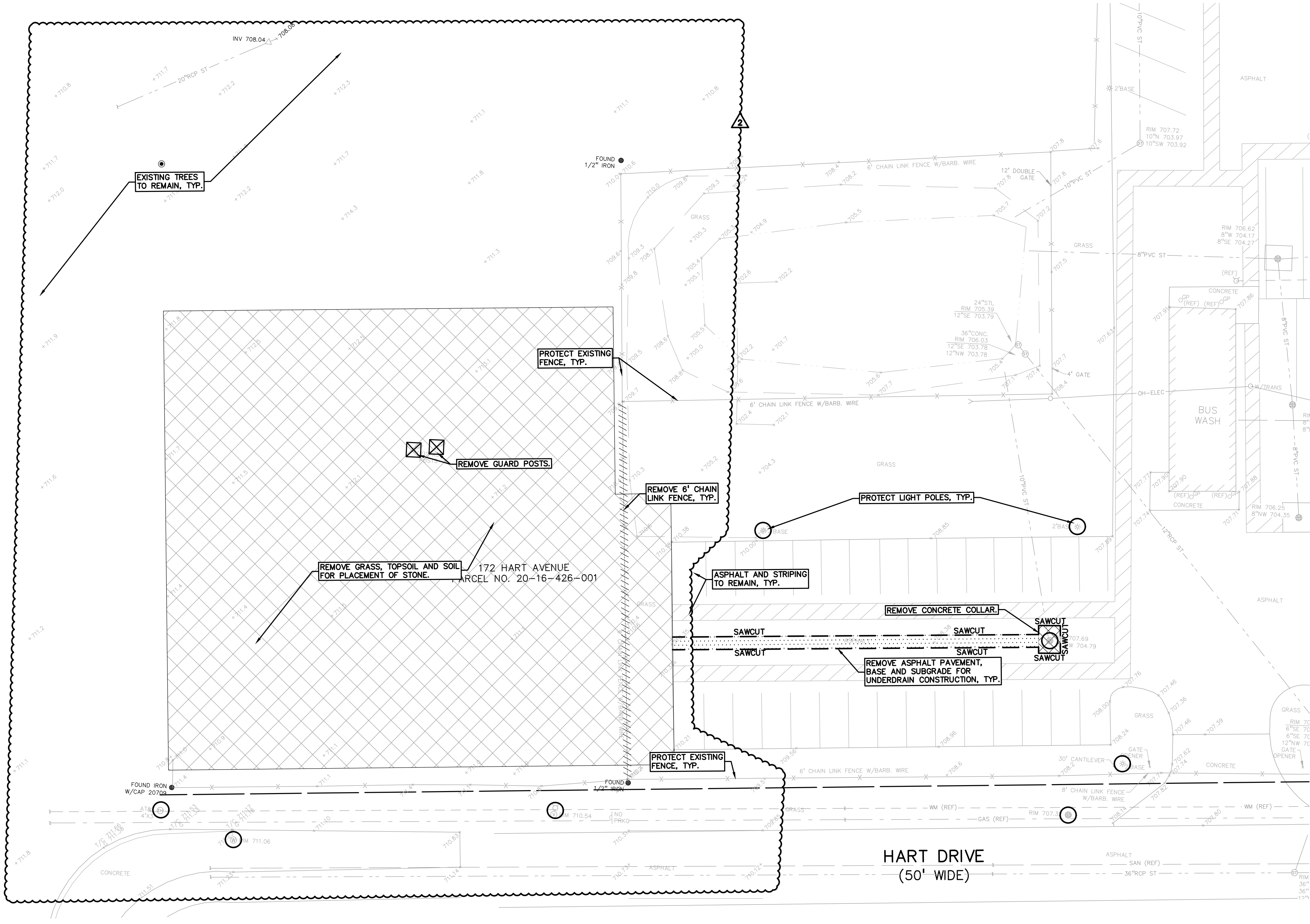


REVISIONS	
DESCRIPTION	DATE
ORIGINAL ISSUE DATE/OUT TO BID	1/11/2023
ADDENDUM #1	1/20/2023
ADDENDUM #2	1/24/2023





**FLOODPLAIN NOTE:**  
BY GRAPHICAL PLOTTING, SITE IS WITHIN ZONE 'X'. AN AREA DETERMINED TO BE OUTSIDE OF THE 0.2% ANNUAL CHANCE FLOODPLAIN, PER FLOOD INSURANCE RATE MAP NUMBER 26125C0553G, DATED JANUARY 16, 2009.



REFERENCE DRAWINGS	
TROY TRANSPORTATION BUILDING, SITE SURVEY INFORMATION, KINGSCOTT JOB NO. 2649-14, SHEET C4.0, BID DATE 03-23-07	
TROY TRANSPORTATION BUILDING, PROPOSED SITE LAYOUT, KINGSCOTT JOB NO. 2649-14, SHEET C4.0, BID DATE 03-23-07	
TROY TRANSPORTATION BUILDING, SITE ALTERNATIVES, KINGSCOTT JOB NO. 2649-14, SHEET C4.1, BID DATE 03-23-07	
LEGAL DESCRIPTION	
(Access Oakland)	
PARCEL ID 20-16-200-034 Land in the City of Troy, Oakland County, Michigan, described as follows:	
T2N, R11E, SEC 16 MCCORMICK & LAWRENCE LITTLE FARMS SUB LOTS 3 & 4, ALSO PART OF NE 1/4 BEG AT PT DIST S 89-19-00 W 581.09 FT FROM E 1/4 COR, TH N 150 FT, TH W 439.11 FT, TH S 150 FT, TH E 439.11 FT TO BEG 9-3-09 FR 016, 426-002 & 003	
PARCEL ID 20-16-426-001 Land in the City of Troy, Oakland County, Michigan, described as follows:	
T2N, R11E, SEC 15 & 16 MC CORMICK & LAWRENCE LITTLE FARMS SUB LOTS 1 & 2	
DEMOLITION QUANTITIES:	
REMOVE ASPHALT	460 SF
REMOVE CONCRETE	60 SF
SAWCUT PAVEMENT	276 LF
REMOVE GRASS AND TOPSOIL	21,880 SF
REMOVE FENCE	119 LF
REMOVE GUARD POST	2 EA

LEGEND:	
-OH-ELEC-W-O-	EX. OH. ELEC. POLE & GUY WIRE
-UG-CATV-	EX. U.G. CABLE TV & PEDESTAL
-UG-COMM-	EX. U.G. COMMUNICATION LINE, PEDESTAL & MANHOLE
-UG-ELEC-DEK-	EX. U.G. ELEC. MANHOLE, METER & HANDHOLE
- - -	EX. GAS LINE
⊗	EX. GAS VALVE & GAS LINE MARKER
⊞	EX. TRANSFORMER & IRRIGATION VALVE
- - -	EX. WATER MAIN
⊕	EX. HYDRANT, GATE VALVE & POST INDICATOR VALVE
⊗	EX. WATER VALVE BOX & SHUTOFF
- - -	EX. SANITARY SEWER
⊗	EX. SANITARY CLEANOUT & MANHOLE
⊗	EX. COMBINED SEWER MANHOLE
- - -	EX. STORM SEWER
⊗	EX. CLEANOUT & MANHOLE
⊗	EX. SQUARE, ROUND, & BEEHIVE CATCH BASIN
Y.D.	EX. YARD DRAIN & ROOF DRAIN
⊗	EX. UNIDENTIFIED STRUCTURE
⊗	EX. MAILBOX, SIGN & LIGHTPOLE
X	EX. FENCE
- - -	EX. GUARD RAIL
- - -	EX. SPOT ELEVATION
- - -	EX. CONTOUR
- - -	EX. WETLAND
⊗	IRON FOUND / SET
⊗	NAIL FOUND / NAIL & CAP SET
⊗	BRASS PLUG SET
⊗	MONUMENT FOUND / SET
⊗	SECTION CORNER FOUND
R M C	RECORDED / MEASURED / CALCULATED

DEMOLITION LEGEND:	
ITEM TO BE PROTECTED	⊗
ITEM TO BE REMOVED	⊗
CURB/FENCE REMOVAL	////
CONCRETE PAVEMENT AND SIDEWALK REMOVAL	XXXX
AREA OR ITEMS TO BE REMOVED	XXXX
UTILITY REMOVAL	XXXX
ABANDON UTILITY	.....
ASPHALT REMOVAL	XXXX
TREE REMOVAL	⊗
SAWCUT LINE	- - -

GENERAL DEMOLITION NOTES:	
THESE NOTES APPLY TO ALL CONSTRUCTION ACTIVITIES ON THIS PROJECT:	
1. ALL MATERIAL TO BE REMOVED, WHETHER SPECIFICALLY NOTED IN THE PLANS OR NOT, SHALL BE REMOVED FROM THE SITE BY THE CONTRACTOR AND DISPOSED OF OFF-SITE IN A LEGAL MANNER. NO ON-SITE BURY OR BURN PITS SHALL BE ALLOWED.	
2. ALL DEMOLITION WORK SHALL CONFORM TO ALL LOCAL CODES AND ORDINANCES.	
3. STAGING/PHASING OF DEMOLITION AND CONSTRUCTION IS TO BE COORDINATED WITH THE OWNER AND THE CONTRACTOR PRIOR TO CONSTRUCTION.	
4. SPECIFIC DEMOLITION ITEMS HAVE BEEN INDICATED ON THE PLANS AS A GUIDE TO THE GENERAL SCOPE OF THE WORK. IT IS THE INTENT THAT THESE ITEMS SHALL BE COMPLETELY REMOVED BY THE CONTRACTOR ABOVE AND BELOW GROUND, UNLESS SPECIFICALLY NOTED OTHERWISE, AND THAT DEMOLITION WILL INCLUDE, BUT WILL NOT NECESSARILY BE LIMITED TO THESE ITEMS. CONTRACTOR SHALL VISIT SITE TO VERIFY EXISTING CONDITIONS AND EXTENTS OF THE DEMOLITION THAT WILL BE REQUIRED PRIOR TO SUBMITTING A BID.	
5. REMOVE ALL STRUCTURES DESIGNATED FOR REMOVAL ACCORDING TO THE DEMOLITION PLAN. THIS INCLUDES FOUNDATIONS, CONCRETE, ASPHALT, TREES, ETC.	
6. THE CONTRACTOR SHALL, AS A MINIMUM, PROVIDE TREE PROTECTION FENCING AROUND EXISTING TREES TO BE SAVED THAT ARE WITHIN 15 FEET OF CONSTRUCTION ACTIVITIES AND AS INDICATED IN THE PLANS OR PER LOCAL AGENCY REQUIREMENTS.	
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEAN UP, NOISE, DUST CONTROL, STREET SWEEPING AND HOURS OF OPERATION IN ACCORDANCE WITH THE LOCAL CODES.	
8. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY BARRICADES, SIGNAGE, MARKINGS, LIGHTS AND OTHER TRAFFIC CONTROL DEVICES TO PROTECT THE WORK ZONE AND SAFELY MAINTAIN TRAFFIC PER AGENCY REQUIREMENTS AND IN ACCORDANCE WITH THE LATEST EDITION OF THE STATE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.	
9. THE CONTRACTOR SHALL CONTACT THE APPROPRIATE UTILITY COMPANIES TO CONFIRM THAT UTILITY LEADS HAVE BEEN TAKEN OUT OF SERVICE PRIOR TO DEMOLITION.	
10. THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE 811/ONE CALL UTILITY LOCATING CENTER, PRIVATE UTILITY LOCATOR, THE CITY ENGINEER AND/OR THE AUTHORITY HAVING JURISDICTION 3 BUSINESS DAYS PRIOR TO THE BEGINNING OF CONSTRUCTION.	
NOTES:	
1. CONTRACTOR TO VERIFY ALL QUANTITIES SHOWN ON THE PLANS. ANY DEVIATIONS TO THE PLAN QUANTITIES SHALL BE BROUGHT TO THE ATTENTION OF THE SCHOOL DISTRICT AND PEA GROUP, IN WRITING PER THE BID PACKAGE, FOR VERIFICATION PRIOR TO BIDDING.	

PEA GROUP

t: 844.813.2949

www.peagroup.com

PROFESSIONAL ENGINEER

PEA GROUP

License No. 03201046143

811 Know what's below. Call before you dig.

CAUTION!!  
THE LOCATIONS AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS DRAWING ARE ONLY APPROXIMATE. NO GUARANTEE IS EITHER EXPRESSED OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF. THE CONTRACTOR SHALL BE EXCLUSIVELY RESPONSIBLE FOR DETERMINING THE EXACT UTILITY LOCATIONS AND ELEVATIONS PRIOR TO THE START OF CONSTRUCTION.

CLIENT

TROY SCHOOLS

1140 RANKIN DRIVE

TROY, MI 48063

PROJECT TITLE

TRANSPORTATION CENTER

120 HART AVE, TROY, MI

REVISIONS

ADDENDUM #1 1/20/23

ADDENDUM #2 1/24/23

ORIGINAL ISSUE DATE:

JANUARY 11, 2023

DRAWING TITLE

TOPOGRAPHIC SURVEY AND DEMOLITION PLAN

PEA JOB NO. 2022-1281

P.M. RR

DN. JJP

DES. RR

DRAWING NUMBER:

C-1.6



EROSION CONTROL QUANTITIES:

SILT FENCE	775 LF.
LOW POINT INLET FILTER	1 EA.
R.Y.C.B. FILTER	1 EA.
LAWN RESTORATION	505 SY

SOIL EROSION AND SEDIMENTATION CONTROL  
SEQUENCE OF CONSTRUCTION

- SEE OAKLAND COUNTY W.R.C. SOIL EROSION AND SEDIMENTATION CONTROL DETAILS SHEET FOR ALL SOIL EROSION CONTROL RELATED DETAILS.
- PLACE SILT FENCE & INSTALL INLET FILTERS ON EXISTING STORM SEWER STRUCTURES, ACCORDING TO PLANS.
- INSTALL TEMPORARY CRUSHED CONCRETE ACCESS DRIVE AT ALL CONSTRUCTION ENTRANCES. (80'x24'x8" W/MINIMUM OF 1"-3" CRUSHED CONCRETE - NO FINES).
- REMOVE CURB, PAVEMENT, TREES, ETC. AS DIRECTED ON THE DEMOLITION PLAN.
- STRIP AND STOCKPILE TOPSOIL FOR RESTORATION REQUIREMENTS.
- DISPOSE OF ALL EXCESS, UNSUITABLE MATERIALS OFF SITE IN A LEGAL MANNER. NO BURN OR BURY PITS ALLOWED.
- UNSUITABLE MATERIALS CONSIST OF, BUT ARE NOT NECESSARILY LIMITED TO THE FOLLOWING: CONCRETE, ASPHALT, TREES, BRUSH, STUMPS, ROOTS, OR OTHER MISCELLANEOUS DEBRIS OR TRASH.
- MASS GRADE THE SITE IN ACCORDANCE WITH THE PLANS.
- INSTALL HYDROSEED AS SHOWN ON THE PLAN WITHIN 5 DAYS OF COMPLETION OF MASS GRADING OR WHENEVER DISTURBED AREAS WILL REMAIN UNCHANGED FOR 30 DAYS OR GREATER. MINIMUM 3"-4" TOPSOIL WILL BE USED WHERE VEGETATION IS REQUIRED.
- COMPLETE ROUGH GRADING OF SITE. PLACE INLET FILTERS AT ALL INLETS AND CATCH BASINS, AS SHOWN.
- FINISH GRADE AND PAVE SITE AS PROPOSED TO DRAIN TO STORM SEWER SYSTEM. REPAIR INLET FILTERS AS REQUIRED.
- APPLY TOPSOIL, HYDROSEED TO ALL DISTURBED AREAS UPON COMPLETION OF GRADING. THE CONTRACTOR SHALL STAGE CONSTRUCTION ACTIVITIES IN ORDER TO MINIMIZE THE EXPOSURE OF UNSTABILIZED AREAS.
- CLEAN PAVEMENT AND STORM SEWERS. REMOVE SILT FENCE AND TREE PROTECTION FENCE, AND INLET FILTERS ONCE VEGETATION HAS BEEN ESTABLISHED.
- ALL DIRT AND MUD TRACKED ONTO PUBLIC ROADS SHALL BE REMOVED DAILY.
- STREET CATCH BASINS TO BE PERIODICALLY CLEANED AND FILTER CLOTH CHANGED AND MAINTAINED.

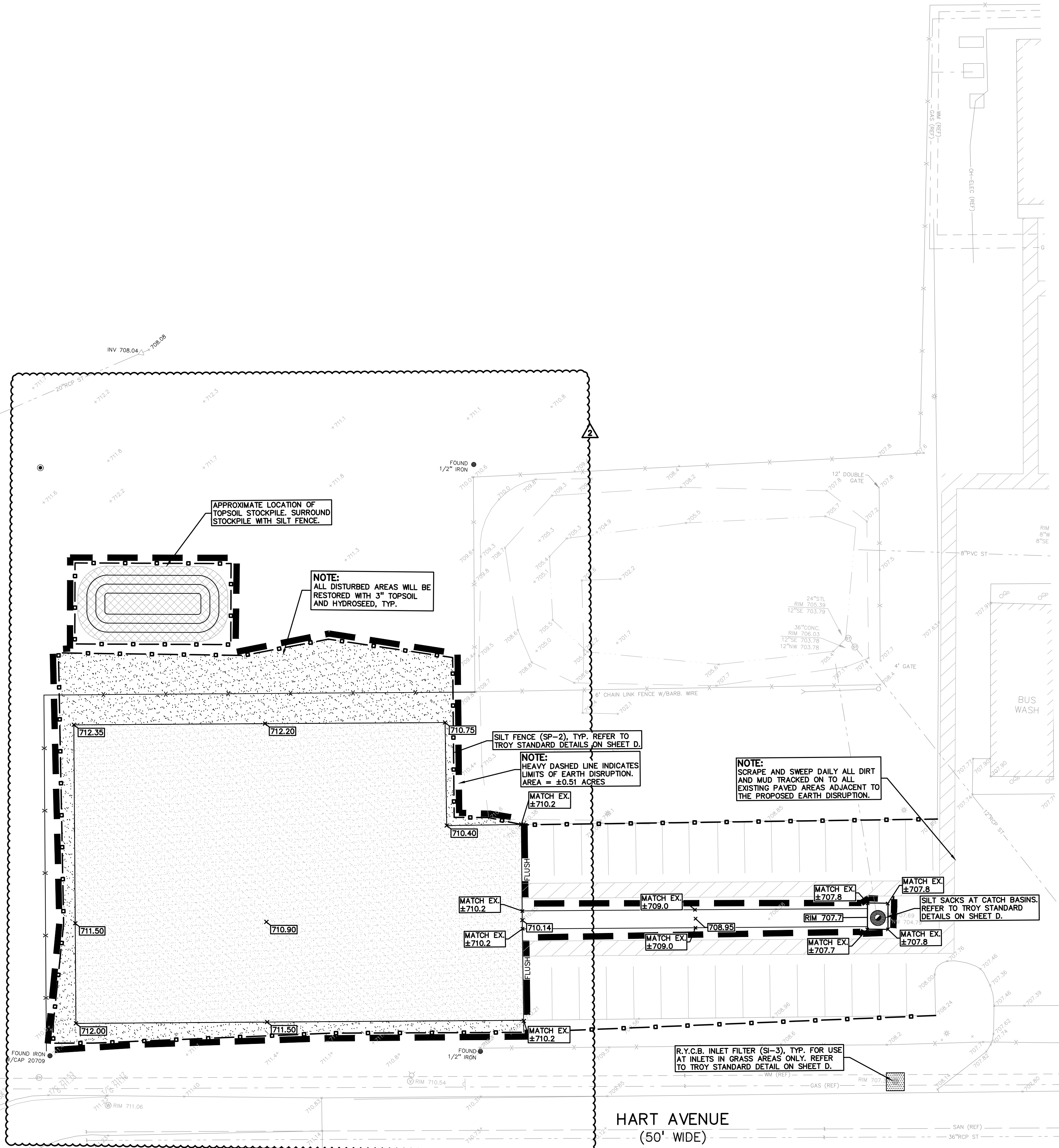
SOIL EROSION MAINTENANCE SCHEDULE AND NOTES:

- THE SOIL EROSION CONTROLS WILL BE MAINTAINED WEEKLY AND AFTER EVERY STORM EVENT BY:  
ROB CARSON  
TROY SCHOOL DISTRICT  
1140 RANKIN  
TROY, OAKLAND COUNTY, MICHIGAN  
248-823-4067
- IF ANY DAMAGE HAS OCCURRED AS A RESULT OF STORM WATER DISCHARGE FROM THE SITE, THE FOLLOWING STEPS SHALL BE IMPLEMENTED.
- ANY DEBRIS OR DIRT ON ANY PAVED AREA RESULTING FROM CONSTRUCTION TRAFFIC SHALL BE CLEANED IN A PROMPT MANNER BY THE CONTRACTOR. THE CONSTRUCTION DRIVE SHALL BE CLEANED AT THE END OF EACH DAY.
- ALL DIRT AND MUD TRACKED ONTO PAVED AREAS SHALL BE REMOVED BY THE CONTRACTOR DAILY BY SCRAPING. STREET SWEEPING IS REQUIRED WEEKLY.
- SILT FENCE MAINTENANCE SHALL INCLUDE THE REMOVAL OF ANY BUILT UP SEDIMENT WHEN THE SEDIMENT HEIGHT ACCUMULATES TO 1/3 TO 1/2 OF THE HEIGHT OF THE FENCE. THE CONTRACTOR IS RESPONSIBLE TO REMOVE, REPLACE, RETRAIL OR REBACKFILL THE SILTATION FENCE SHOULD IT FALL OR BE DAMAGED DURING CONSTRUCTION.
- INLET FILTER MAINTENANCE SHALL INCLUDE THE REMOVAL OF ANY ACCUMULATED DIRT OR OTHER DEBRIS. THE REMOVAL OF SILT SHOULD BE WITH THE USE OF A STIFF BRISTLE BROOM OR SQUARE POINT SHOVEL. IF INLET FILTERS CAN NOT BE CLEANED OR ARE DAMAGED, THEN THE FABRIC MUST BE REPLACED.
- CONTRACTOR TO PROVIDE WATER TRUCK TO WATER DOWN THE SITE ON A DAILY BASIS AS REQUIRED TO MAINTAIN DUST CONTROL.
- IF HIGH GROUNDWATER IS ANTICIPATED OR ENCOUNTERED DURING CONSTRUCTION A DEWATERING PLAN MUST BE SUBMITTED TO THE CITY ENGINEERING DIVISION FOR REVIEW.

SEQUENCE OF CONSTRUCTION:

START DAY	END DAY	
1	2	INSTALL TEMPORARY SOIL EROSION CONTROL MEASURES, SILT FENCES, INLET PROTECTION, ETC. AS NECESSARY.
1	90	MAINTAIN A 25' BUFFER OF VEGETATION AROUND PERIMETER OF SITE WHERE POSSIBLE.
1	5	STRIP AND STOCKPILE TOPSOIL AS REQUIRED RESTORATION. ALL STOCKPILES MUST BE GRADED AND SEEDED.
1	15	REMOVE ALL PAVEMENT, CURB, UTILITIES, ETC. AS REQUIRED TO INSTALL THE PROPOSED WORK AS SHOWN ON THE TOPOGRAPHIC SURVEY AND DEMOLITION PLAN.
10	15	DISPOSE OF ALL EXCESS/UNSUITABLE MATERIALS OFF SITE IN A LEGAL MANNER. NO ON-SITE BURN OR BURY PITS ALLOWED.
30	40	ROUGH GRADE SITE. SEED AND MULCH BLANKETS MUST BE INSTALLED AS SHOWN WITHIN 5 DAYS OF FINAL GRADE. REPAIR AND/OR RE-INSTALL ANY TEMPORARY SOIL EROSION CONTROL MEASURES THAT WERE DAMAGED DURING GRADING OPERATIONS.
15	90	TEMPORARY SEEDING MUST BE PROVIDED IN AREAS NOT TO BE WORKED ON FOR 15 DAYS OR LONGER.
40	50	FINE GRADE SITE AND PREPARE FOR SITE PAVING OPERATIONS.
50	80	INSTALL ALL PAVEMENT, SIDEWALKS, CURBING AS PROPOSED. IF PERMANENT LANDSCAPING IS NOT TO BE INSTALLED SOON AFTER PAVING IS COMPLETE, ALL AREAS WITHIN 20 FEET OF BACK OF CURB MUST BE TEMPORARILY SEEDED. REPAIR INLET PROTECTION, SILT FENCE AND ANY OTHER DAMAGED SOIL EROSION CONTROL MEASURES AS NECESSARY.
80	89	FINAL GRADE, REDISTRIBUTE STOCKPILED TOPSOIL, ESTABLISH VEGETATION AND INSTALL ALL PERMANENT LANDSCAPING IN ALL DISTURBED AREAS NOT BUILT.
88	90	CLEAN PAVEMENT AND REMOVE ALL TEMPORARY SOIL EROSION CONTROL MEASURES. RE-ESTABLISH VEGETATION AS REQUIRED.
90	90	REMOVE SEDIMENTATION CONTROLS ONCE ENTIRE SITE HAS BEEN PERMANENTLY STABILIZED.

**FLOODPLAIN NOTE:**  
BY GRAPHICAL PLOTTING, SITE IS WITHIN ZONE 'X'. AN AREA DETERMINED TO BE OUTSIDE OF THE 0.2% ANNUAL CHANCE FLOODPLAIN, PER FLOOD INSURANCE RATE MAP NUMBER 26125C015535, DATED JANUARY 16, 2009.



SYMBOLS: EROSION CONTROL:

	(SP-2) SILT FENCE
	(SI-2A) LOW POINT INLET FILTER
	(SI-3) R.Y.C.B. INLET FILTER
	(E-9) EROSION CONTROL BLANKET
	LAWN RESTORATION

REFER TO O.C.W.R.C. SOIL EROSION AND SEDIMENTATION CONTROL DETAILS SHEET FOR ALL DEVICE DETAILS.

GRADING LEGEND:

	EXISTING SPOT ELEVATION
	PROPOSED SPOT ELEVATION: TYPICALLY TOP OF PAVEMENT IN PAVED AREAS, GUTTER GRADE IN CURB LINES.
	EXISTING CONTOUR
	PROPOSED CONTOUR
	PROPOSED REVERSE GUTTER PAN
	PROPOSED RIDGE LINE
	PROPOSED SWALE/DITCH

ABBREVIATIONS

T/C = TOP OF CURB	G = GUTTER GRADE
TIP = TOP OF PAVEMENT	F.G. = FINISH GRADE
T/S = TOP OF SIDEWALK	RIM = RIM ELEVATION
T/W = TOP OF WALL	BW = BOTTOM OF WALL

REFER TO GRADING NOTES ON SHEET C-4.0.

EARTHWORK BALANCING NOTE:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPORTING OR EXPORTING ALL MATERIALS AS REQUIRED TO PROPERLY GRADE THIS PROJECT TO THE FINISHED ELEVATIONS SHOWN ON THE APPROVED PLANS. THE CONTRACTOR SHALL MAKE THEIR OWN DETERMINATION OF CUT AND FILL QUANTITIES AND ALLOW FOR REMOVAL OF EXCESS OR IMPORTATION OF ADDITIONAL MATERIAL AT NO ADDITIONAL COST TO THE OWNER.

NOTE:

- PER THE 'SOIL EROSION AND SEDIMENTATION CONTROL SEQUENCE OF CONSTRUCTION' NOTES THE SUCCESSFUL BIDDER TO THE CLEAN THE STORM SEWER. THIS CLEANING SHALL INCLUDE CLEANING OUT THE STRUCTURES AND ENTIRE SEWER RUNS BETWEEN STRUCTURES USING HYDRAULICALLY PROPELLED, HIGH-VELOCITY JET, OR MECHANICALLY POWERED EQUIPMENT. SELECTION OF THE EQUIPMENT USED SHALL BE BASED ON THE CONDITIONS OF LINES AT THE TIME THE WORK COMMENCES. THE EQUIPMENT AND METHODS SELECTED SHALL BE SATISFACTORY TO THE SCHOOL DISTRICT'S REPRESENTATIVE. THE EQUIPMENT SHALL BE CAPABLE OF REMOVING DIRT, GREASE, ROCKS, SAND, AND OTHER MATERIALS AND OBSTRUCTIONS FROM THE SEWER LINES AND MANHOLES. IF CLEANING OF AN ENTIRE SECTION CANNOT BE SUCCESSFULLY PERFORMED FROM ONE MANHOLE, THE EQUIPMENT SHALL BE SET UP ON THE OTHER MANHOLE AND CLEANING AGAIN ATTEMPTED. IF, AGAIN, SUCCESSFUL CLEANING CANNOT BE PERFORMED OR THE EQUIPMENT FAILS TO TRAVERSE THE ENTIRE MANHOLE SECTION, IT WILL BE ASSUMED THAT A MAJOR BLOCKAGE EXISTS AND THE CLEANING EFFORT SHALL BE ABANDONED.
- PER THE PROJECT SPECIFICATIONS, PRIOR TO THE PLACEMENT OF TOPSOIL THE SUCCESSFUL BIDDER TO SCHEDULE AN INSPECTION BY THE SCHOOL DISTRICT OR PEA GROUP TO CONFIRM THAT THE GRADE IS AT THE PROPER ELEVATION WHERE THE MINIMUM DEPTH OF TOPSOIL CAN BE PLACED THROUGHOUT THE AREA.
- CONTRACTOR TO FIELD VERIFY ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION INCLUDING BUT NOT LIMITED TO: SITE LIGHTING, FIBER LINES, ETC.

GENERAL SITE CONDITIONS:

- ACCORDING TO THE GEOTECHNICAL INVESTIGATION BY P.E.A. DATED JANUARY 17, 2023, THE SITE CONSISTS OF THE FOLLOWING SOIL TYPES:  
LOAM, SILTY CLAY LOAM, CLAY LOAM.
- TOTAL DISTURBED AREA = ±0.51 ACRES
- N.P.D.E.S. NOTICE OF COVERAGE IS NOT REQUIRED

PEA  
GROUP

t: 844.813.2949  
www.peagroup.com



0 10 20 40  
SCALE: 1" = 20'



**CAUTION!!**  
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CLIENT

**TROY SCHOOLS**  
1140 RANKIN DRIVE  
TROY, MI 48063

PROJECT TITLE

**TRANSPORTATION CENTER**  
120 HART AVE., TROY, MI

REVISIONS

ADDENDUM #1	1/20/23
ADDENDUM #2	1/24/23

ORIGINAL ISSUE DATE:  
JANUARY 11, 2023

DRAWING TITLE

**GRADING AND  
SESC PLAN**

PEA JOB NO. 2022-1281

P.M. RR

DN. JJP

DES. RR

DRAWING NUMBER:

**C-3.6**