



**Rochester Community Schools**  
**Purchasing Department**

## **Request for Proposal**

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Date:	<b>Thursday, November 3, 2022</b>	Project:	<b>Delta Kelly Elementary School Adams Road Entrance Drive Curb &amp; Gutter Replacement</b>
Project Number:	23.01		

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Response Due Date and Time:	<b>November 17, 2022</b> at 2:00 p.m. Local Time
Submit Response to:	All proposals, required forms, and pricing shall be submitted electronically on BidNet Direct ( <a href="https://www.bidnetdirect.com">https://www.bidnetdirect.com</a> )
Submit Questions to:	Requests for clarification shall be submitted through BidNet Direct and all responses will be released as addendum within the online posting.
Description of Procurement:	Driveway Replacement

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Estimated Project Timeline:

Notice of Advertisement in Local Newspaper:	<b>November 9, 2022</b>
Release of RFP:	<b>November 3, 2022</b>
Site Walk-through and Pre-Bid Meeting:	None
Online Requests for Clarification Deadline:	<b>November 10, 2022</b> at 5:00 p.m. Local Time
Release of Addenda with RFC Answers:	<b>November 14, 2022</b>
Bid Due Date:	<b>November 17, 2022</b> at 2:00 p.m. Local Time
Bid Opening and Public Reading:	<b>November 17, 2022</b> at 2:00 p.m. Local Time located at 52585 Dequindre Road, Rochester, MI 48307
Anticipated Board of Education Bid Award:	<b>December 12, 2022</b>
Project Completion Date:	<b>July 31, 2023</b>

→Notice: The right to modify the project timeline is held by Rochester Community Schools in absolute discretion.

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Objective:

Rochester Community Schools, known herein as "Owner", seeks proposals from qualified firms to replace the existing curb and gutter along the Adams Road entrance drive per plans and specifications provided by the PEA Group dated August 19, 2022.

## Table of Contents

Information to Bidders.....	3
Overview .....	3
Project Purpose and Expectations.....	3
Timeline.....	3
Scope .....	4
Alternate Pricing: .....	4
Selection Process and Owner’s Rights.....	4
Award of Contract.....	4
Bid Due Date and Proposal Submission Requirements: .....	5
Qualification of Bidder.....	5
Sole Bidder.....	5
Addenda .....	5
Unit Pricing .....	5
Bid Bond.....	6
Sales Tax.....	6
Method of Ordering .....	6
Payment .....	6
Familial Relationship Disclosure.....	7
Iran Economic Sanctions Act .....	7
Withdrawal or Revision of Bid Proposals.....	7
Acceptance and Rejection of Bid Proposals.....	7
Post-Bid Information .....	7
Bid Proposal Form: Delta Kelly Adams Road Entrance Drive.....	8
Name of Bidder .....	8
Agreements .....	8
Addenda .....	8
Legal Status of Bidder .....	9
Base Bid .....	10
ALTERNATE PRICING: .....	10
VOLUNTARY ALTERNATES .....	10
Additional Labor Charges.....	11

FAMILIAL DISCLOSURE AFFIDAVIT OF BIDDER .....	12
Certification of Compliance – IRAN ECONOMIC SANCTIONS ACT .....	13
Attachment A: Site Location Plan .....	14
Attachment B: .....	15

## Information to Bidders

### Overview

Rochester Community Schools, known herein as “Owner”, seeks proposals from qualified firms to replace the existing concrete curb and gutter along the Adams Road entrance. Delta Kelly Elementary School is located at 3880 Adams Road, Oakland Twp. We have received approval from RCOC for this project. Due to the current time of year, we would anticipate this project be completed after school is dismissed on June 9, 2023. We are requesting that the project be complete by August 1, 2023.

### Project Purpose and Expectations

The District is requesting proposals to replace the damaged concrete curb and gutter at the entrance drive into campus off of Adams Road. Scope includes replacing any asphalt adjacent to the curb and gutter to provide a smooth entrance drive into campus.

### Timeline

The expected timeline is as follows:

Notice of Advertisement in Local Newspaper:	November 9, 2022
Release of RFP:	November 3, 2022
Site Walk-through and Pre-Bid Meeting:	None
Online Requests for Clarification Deadline:	November 10, 2022 at 5:00 p.m. Local Time
Release of Addenda with RFC Answers:	November 14, 2022
Bid Due Date:	November 17, 2022 at 2:00 p.m. Local Time
Bid Opening and Public Reading:	November 17, 2022 at 2:00 p.m. Local Time located at 52585 Dequindre Road, Rochester, MI 48307
Anticipated Board of Education Recommendation to Award:	December 12, 2022
Project Completion Date:	July 31, 2023

## Scope

1. Remove and replace existing damaged curb and gutter per plans and specifications provided by PEA Group dated August 19, 2022.
  - Include all demolition and removal to provide a complete project.
  - Include all concrete and asphalt work for a complete project.
  - Include all barricades and traffic control to facilitate work and to comply with RCOC requirements.
  - Include costs to keep area clean at all times.
  - Plans have been submitted to RCOC for approval. Comply with all RCOC requirements.
  - Inspect site to understand all existing conditions before submitting proposal.
  - Provide a final clean up of all debris upon completion.
  - Repair any adjacent areas affected by the new work and demolition. This includes landscaped areas.
  - Help coordinate inspection requests from RCOC to obtain final approval upon project completion.
  - Include scope to address notes in red on the approved permit drawings from RCOC.

## Alternate Pricing:

None required.

## Selection Process and Owner's Rights

The Owner reserves the following:

1. To reject any or all bids without compensation to the bidders and to waive any or all variances, irregularities, or informalities in the bid package.
2. In the event that all acceptable bids exceed the owner's budget, the Owner reserves the right to negotiate a contract with the lowest and best acceptable bidder or any other one of the acceptable bidders.
3. To select more than one vendor or brand,

The submissions will be evaluated and scored according to the following criteria:

- Qualifications & Experience
- Price Proposal

**Bidders must visit site before submitting a proposal to understand all existing conditions. No added cost will be approved for not inspecting the site and understanding existing site conditions.**

## Award of Contract

Project is expected to be approved by the Rochester Community Schools Board of Education on December 12, 2022. Please note the project will not necessarily be awarded to the lowest bidder or lowest price. Rochester Community Schools reserves to award the project to the most qualified bidder based on the criteria noted.

### Bid Due Date and Proposal Submission Requirements:

1. All proposals, required forms, and pricing shall be submitted electronically on BidNet Direct (<https://www.bidnetdirect.com>) **no later than 2:00 p.m., local time, November 17, 2022** (the "Due Date".) No oral, telephonic, or facsimile proposals will be considered.
2. RCS will not consider or accept any late Bids received after the Due Date specified within the RFP. It is the sole responsibility of the Bidder to ensure their proposal is entered completely and forms are uploaded on BidNet Direct before the closing date and hour indicated within the RFP. Bidders shall plan ample time to respond to all requirements and input all requirements. RCS is not responsible for any delivery delays.

### Qualification of Bidder

1. The Owner reserves the right to request qualification information from any bidder before issuing documents, receiving bids or awarding a contract. The Owner may, at its sole discretion, accept or reject bidders as qualified. The right to waive any informalities in qualification materials is reserved by the Owner. The Bidder, in submitting his/her bid, agrees to accept the decision of the Owner as final.
2. The submitters shall provide full disclosure of all existing client relationships that currently or prospectively may give rise to conflicts of interest and disqualification as governed by the codes of rules of professional responsibility and conduct.

### Sole Bidder

1. It is the Owner's intent that this Request for proposals, permits competition. It shall be the bidder's responsibility to advise the Owner, in writing, if any language, requirements, scope specifications, etc., or any combinations thereof, inadvertently restricts or limits the requirements stated in this Proposal, to a single source. Owner shall receive such notification no later than five (5) days prior to the date set for acceptance of bids.
2. If only one bid is received in response to this invitation to bid, a cost/price analysis and evaluation and/or audit shall be performed of the cost proposal in order to determine if the price is fair and reasonable.
3. The Owner reserves the right to cancel the bid, or reschedule the bid opening, if there is only one bid received. The decision by the Owner will be final.

### Addenda

1. Each bidder shall ascertain prior to submitting their bid that they have received all addenda issued.
2. Addenda notices will be sent to all who are known by the Owner to have a set of contract documents. Copies of addenda will be made available for inspection wherever contract documents are on file for that purpose.

### Unit Pricing

1. Each bidder must include in proposal pricing all equipment, operating manuals, inspection, testing, certification, freight, delivery, installation and any other relevant charges so as to be the final cost to the Owner for the proposed items.

2. Bids are considered irregular and may be rejected if unit prices contained in the bid proposal are obviously unbalanced either in excess of, or below, reasonable cost analysis values.
3. Any unit price that, in the sole opinion of the Owner, is unbalanced or excessive may be rejected without effecting the validity of the bid or other unit prices. An entire bid may be rejected if, in the sole opinion of the Owner, rejection of individual unit prices materially affects the bid.
4. Bid prices shall be firm through July 31, 2023. Pricing shall be F.O.B. delivered, unloaded and installed.

### **Bid Bond**

1. Bid Bond: Bidders must submit with its Bid, bid security in the form of a Bid Bond issued by a qualified surety or certified check in an amount of five percent (5%) of the Bid ("Bid Security"). Failure to include this Bid Security with Bidder's Bid will result in the rejection of your Bid. If a Bid Bond is posted by a Bidder, it shall be from a Treasury Surety licensed to do business in the State of Michigan, and the attorney-in-fact who executes the Bid Bond on behalf of the Bidder shall attach a certified, current copy of its power of attorney. In the event a certified check is submitted, it shall be made payable to "Rochester Community Schools" The School District shall not be liable for any interest earned thereon. The Bid Security shall be forfeited as liquidated damages, and not as a penalty, if the Bidder withdraws its Bid after the Due Date for submission of Bids or, upon acceptance of its Bid by the School District, Bidder fails to execute the form of Contract acceptable to the School District, substantially evidencing and incorporating this RFP and its Bid and fails to provide the required Performance Bond and/or Payment Bond, if any, and the required insurance certificates, within fifteen (15) days of an award of a Contract to the Bidder.
2. The proposed bonding company of the bidder shall be acceptable to the Owner. The Owner shall be listed as obligated on the bond.

### **Sales Tax**

1. Owner is exempt from all taxes. A tax exemption certificate will be issued upon request.

### **Method of Ordering**

1. Issuance of a written purchase order by the Purchasing Department is the method of ordering product or services. All vendor invoices and packing/delivery tickets must include the purchase order number.

### **Payment**

1. Payment to be made from Vendor's invoice, and a copy of the signed delivery invoices, submitted to cover items received and accepted during the billing period. Invoices must contain the bid number under which the contract is awarded.
2. Pricing shall be F.O.B. delivered to RCS at 52585 Dequindre Road, Rochester MI 48307, unloaded, and installed.

### Familial Relationship Disclosure

1. All bidders shall provide familial disclosure in compliance with MCL 380.1267 and attach this information to the bid proposal. The bid proposal shall be accompanied by a sworn and notarized statement disclosing any familial relationship that exists between the bidder or any employee of the bidder, and any member of the Board of Education of the school district, or the Superintendent of the school district. The District will not consider a bid proposal that does not include this sworn and notarized statement.

### Iran Economic Sanctions Act

1. Each bid must be accompanied by a sworn and notarized statement certifying that the Contractor is not an "Iran linked business" within the meaning of the Iran Economic Sanctions Act.

### Withdrawal or Revision of Bid Proposals

1. A bid may not be modified, withdrawn or cancelled by the bidder for ninety (90) calendar days following the time and date designated for the opening of bids, and bidder so agrees in submitting his/her bid.

### Acceptance and Rejection of Bid Proposals

1. Low bid price is not always the determining factor in the awarding of the bid. Other factors considered may include, but not be limited to, the following: delivery and/or completion time, judged quality of product, past performance, inventory availability, financial stability, and references.
2. The Owner shall have the right to waive any informality or irregularity in any bid received and to accept bids which, in their judgment, are in their own best interest.
3. The Owner shall have the right to accept or reject alternates in any order or combination and to determine the apparent low bidder on this basis.

### Post-Bid Information

1. After the bids are received, tabulated, and evaluated by the Owner, the apparent lowest qualified bidder(s) shall meet with the Owner at a post-bid meeting if requested by Owner.
2. The Owner reserves the right to request additional information from bidders for evaluation criteria as needed.

## Bid Proposal Form: Delta Kelly Adams Road Entrance Drive

### Name of Bidder

Firm Name:	
Address:	
Telephone:	Fax:

### Agreements

The undersigned understands that the Owner reserves the right to reject any and all bids and to waive informalities and irregularities in bidding.

Owner also reserves the right to withhold bids for a period of time (90 days) from bid closing date.

The Owner reserves the right to accept or reject any or all Bids in whole or in part, or to waive any informalities therein. If in the Owner opinion it is in their best interest, the contract may be awarded to other than the lowest bidder, for reason of establishing uniformity, delivery time, etc.

If award is made to us under this proposal, we agree to enter into an Agreement with Rochester Community Schools to furnish products and/or services, in strict accordance with this proposal, bid documents and all pertinent portions of plans, drawings and specifications.

### Addenda

The undersigned acknowledges receipt of the following addenda:

Addendum Number:	Dated:
Addendum Number:	Dated:
Addendum Number:	Dated:

My signature certifies that the proposal as submitted complies with all Terms and Conditions as set forth in this RFP.



My signature also certifies that the accompanying proposal is not the result of, or affected by, any unlawful act of collusion with another person or company engaged in the same line of business or commerce, or any act of fraud. Furthermore, I understand that fraud and unlawful collusion are crimes under Federal Law, and can result in fines, prison sentences, and civil damage awards.

My signature also certifies that this firm has no business or personal relationships with any other companies or persons that could be considered as a conflict of interest or potential conflict of interest to Rochester Community Schools, and that there are no principals, officers, agents, employees, or representatives of this firm that have any business or personal relationships with any other companies or persons that could be considered as a conflict of interest or a potential conflict of interest to Rochester Community Schools, pertaining to any and all work or services to be performed as a result of this request and any resulting contract with Rochester Community Schools.

I hereby certify that I am authorized to sign as a Representative for the Firm:

#### Legal Status of Bidder

1. A Corporation organized and existing under the laws of the State of \_\_\_\_\_.
2. Name, title, and signature of individual duly authorized to execute contracts:

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Signature: \_\_\_\_\_

CONTACT PERSON: \_\_\_\_\_ PHONE NO: \_\_\_\_\_

### Base Bid

**BASE BID:** Bid to furnish all labor, material, equipment and services necessary to provide **Delta Kelly Adams Drive Entrance & Gutter Replacement** with the Base Bid Category descriptions, including all addenda, for the amount as follows:

<b>TOTAL (BASE BID)</b>	\$ _____
_____	Dollars

\*PRICES ARE NOT TO INCLUDE ANY STATE OR LOCAL TAXES.

\*PRICING GOOD THROUGH JUNE 30, 2022. PLEASE NOTE ANY EXCEPTION:

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### ALTERNATE PRICING:

None required.

### VOLUNTARY ALTERNATES

Whenever any material or equipment is specified by patent or proprietary name or by the name of the manufacturer, such specification shall be considered as if followed by the words "or acceptable equal". The Bidder may offer material or equipment with equal or better qualities and performance in substitution for those specified which it considers would be in the Owner's interest to accept. The Bidder shall include sufficient specification data that will, together with any other data the Owner may require, enable the Owner to assess the acceptability of the material or equipment.

Voluntary Alternates:

\$ \_\_\_\_\_

\_\_\_\_\_ Dollars

Description of Voluntary Alternate:

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### Additional Labor Charges

(List if any...)

After hours labor: \_\_\_\_\_ Holidays: \_\_\_\_\_

Weekends: \_\_\_\_\_ Other: \_\_\_\_\_

**FAMILIAL DISCLOSURE AFFIDAVIT OF BIDDER**

The undersigned, owner or authorized officer of \_\_\_\_\_ (the bidder/contractor), pursuant to the familial disclosure requirement provided in the Request for Proposals, hereby represent and warrant, except as provided below, that no familial relationships exist between the bidder/contractor or any employee of the bidder/contractor, and any member of Rochester Community Schools Board of Education, the Superintendent and/or any Rochester Community Schools Administrator.

☐ The following are the bidder's familial relationship(s) with Rochester Community Schools:

Bidder/Contractor Employee Name Related to:

1 \_\_\_\_\_

2 \_\_\_\_\_

(Attach additional pages if necessary to disclose all familial relationships.)

☐ There is no familial relationship that exists between the bidder/contractor and/or any employee of the bidder and any member of the Rochester Community Schools Board of Education, Superintendent, or Administration.

Bidder: (Company Name)

By:

(Signature)

(Title)

\_\_\_\_\_  
This instrument was acknowledged before me, a Notary Public, in and for \_\_\_\_\_ County,  
\_\_\_\_\_ on this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_ SS:

(Notary Public Signature)

My Commission expires: \_\_\_\_\_

Acting in the County of: \_\_\_\_\_

**Certification of Compliance – IRAN ECONOMIC SANCTIONS ACT**  
(MICHIGAN PUBLIC ACT NO. 517 OF 2012)

The undersigned, the owner or authorized officer of the Below named Bidder (the "Bidder"), pursuant to the compliance certification requirement provided in the Rochester Community Schools' (the "School District") Request for Bid, hereby certifies, represents and warrants that the Bidder (Including its officers, directors and employees) is not an "Iran linked business" within the meaning of the Iran Economic Sanctions Act, Michigan Public Act No. 517 of 2012 (the "Act"), and that in the event Bidder is awarded a contract as a result of the aforementioned RFB, the Bidder will not become an "Iran linked business" at any time during the course of performing the Work or any service under the contract.

The Bidder further acknowledges that any person who is found to have submitted a false certification is responsible for a civil penalty of not more the \$250,000.00 or 2 times the amount of the contract or proposed contract for which the false certification was made, whichever is greater, the cost of the School District's investigation, and reasonable attorney fees, in addition to the fine. Moreover, any person who submitted a false certification shall be ineligible to bid on a request for bid for three (3) years from the date that it is determined that the person has submitted the false certification.

\_\_\_\_\_  
Name of Company

\_\_\_\_\_  
Name and Title of Authorized Representative

\_\_\_\_\_  
Signature

## Attachment A: Site Location Plan



Delta Kelly Elementary School: 3880 Adams, Oakland Twp., MI 48363

Recent photo of existing curb area looking north:



## Attachment B:

Refer to design documents created by PEA Group dated August 19, 2022.





# BID PACKAGE 17

## DELTA KELLY DRIVE APPROACH

REMOVE AND REPLACE CURB AND ASPHALT AT DRIVE APPROACH TO SCHOOL TO REPAIR DRAINAGE ISSUES.

## SUBMITTALS

FULL DEPTH SAWCUT  
AND/OR MILL A BUTT JOINT,  
WITH LOCATION/WIDTH  
AS DIRECTED BY  
RCOC INSPECTOR

DRAWING INDEX - PROJECT																									
8/19/22 DOC REL 01 - IFB																								SHEET #	SHEET TITLE
00 GENERAL INFORMATION																								● GI0-00-00	COVER SHEET AND INDEX
20 SURVEY																								● V01-00-01	TOPOGRAPHIC SURVEY
40 CIVIL																								● CS1-00-01	DEMOLITION PLAN
																								● CS1-00-02	DIMENSION & PAVING PLAN
																								● CS1-00-03	GRADING & SESC PLAN
																								● 1 OF 1	OAKLAND COUNTY STD. SOIL EROSION & SED. CONTROL DETAILS

## PROJECT TEAM

**PEA**  
**GROUP**  
CIVIL ENGINEER  
7927 NEMCO WAY, SUITE 115  
BRIGHTON, MI 48116 USA  
TEL +1.517.546.8583  
[peagroup.com](http://peagroup.com)

**BY:**

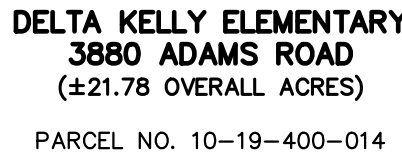
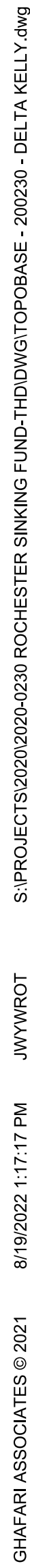
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## PROJECT INFORMATION

PROJECT NO. 2069065  
ISSUED FOR: DOC REL 01 - IFB  
ISSUE DATE: 8/19/2022



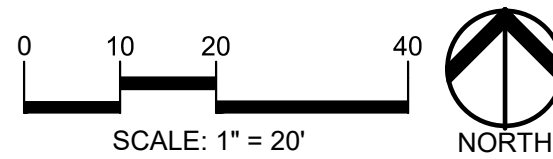


- | REFERENCE DRAWINGS |  |
|--------------------|--|
| GAS                | CONSUMERS' MAP 04-61-19-4, DATED 07/20/2000        |
| CABLE              | AT&A MAP A1, DATED 07/28/2002                      |
| SANITARY SEWER     | HAVE NOT RECEIVED UTILITY MAPS AS OF JULY 28, 2002 |
| STORM SEWER        | HAVE NOT RECEIVED UTILITY MAPS AS OF JULY 28, 2002 |
| WATER MAIN         | HAVE NOT RECEIVED UTILITY MAPS AS OF JULY 28, 2002 |

**BENCHMARKS**  
(GPS DERIVED - NAVD88)

BM #300  
ARROW ON A HYDRANT LOCATED ON THE WEST SIDE OF ADAMS ROAD,  
APPROX. 83' NORTH FROM THE ENTRANCE DRIVE TO DELTA KELLY  
ELEMENTARY (3880 ADAMS RD).  
ELEV. - 000.00

**FLOODPLAIN NOTE:**  
BY GRAPHICAL PLOTTING, SITE IS WITHIN ZONE 'X', AREA DETERMINED TO BE OUTSIDE OF THE 0.2% ANNUAL CHANCE FLOODPLAIN PER FLOOD INSURANCE RATE MAP NUMBER 26125C0377F, DATED SEPTEMBER 29, 2006.



**GHAFARI**

17101 MICHIGAN AVENUE  
DEARBORN, MI 48126-2736 USA  
TEL +1.313.441.3000  
[www.ghafari.com](http://www.ghafari.com)

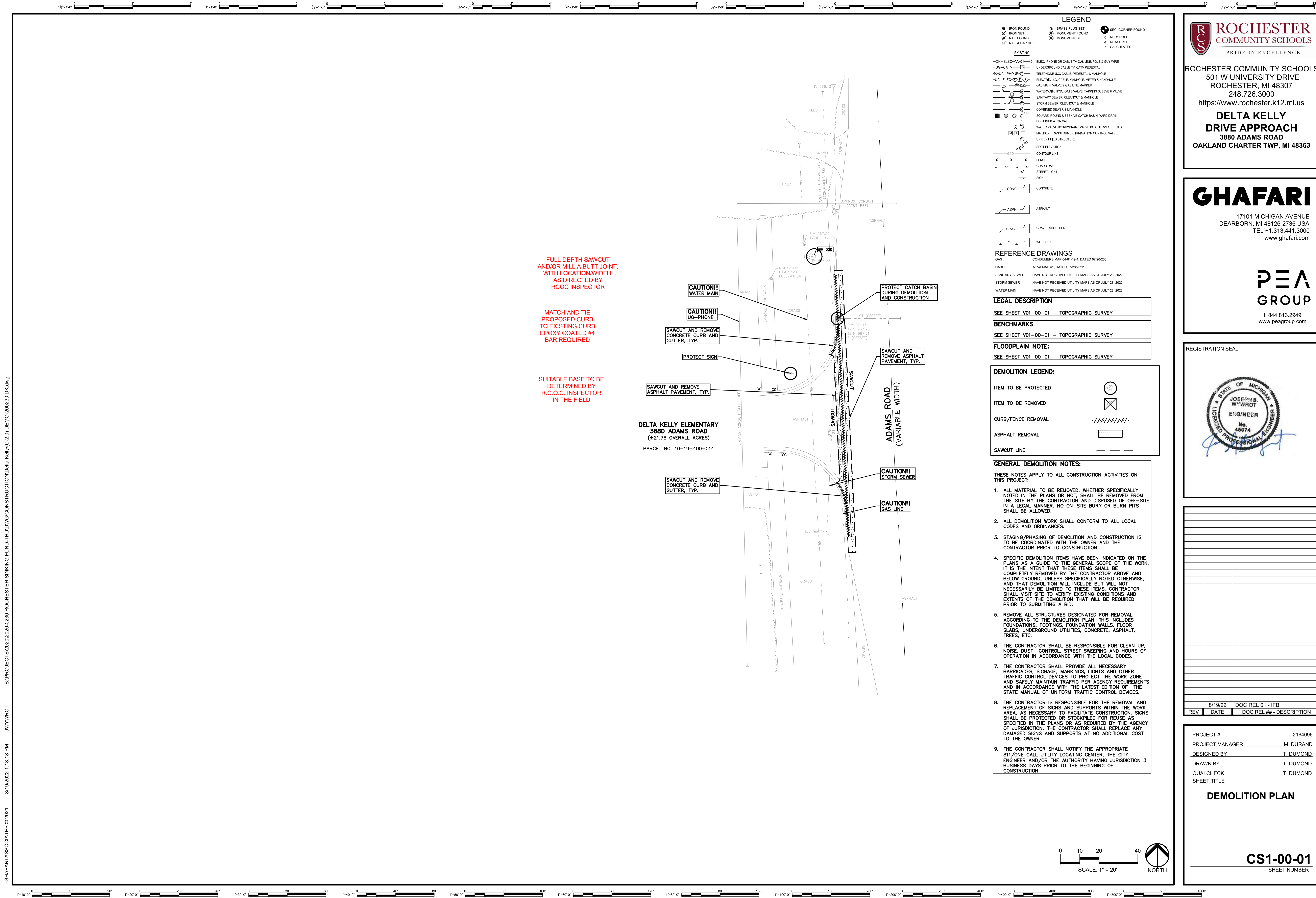
**PEA  
GROUP**

t: 844.813.2949  
[www.peagroup.com](http://www.peagroup.com)

PROJECT #	2164096
PROJECT MANAGER	M. DURAND
DESIGNED BY	T. DUMOND
DRAWN BY	T. DUMOND
QUAL CHECK	T. DUMOND
SHEET TITLE	

**V01-00-01**  
SHEET NUMBER







CHAFARI ASSOCIATES © 2021 8/19/2022 1:40:17 PM JMWYVROT S:\PROJECTS\2020-2020-ROCHESTER SINKING FUND-THE DRIVING CONSTRUCTION\Delta\Delta\K12\CS-01.DWG DIM-202020.DK.dwg

#### GENERAL NOTES:

THESE NOTES APPLY TO ALL CONSTRUCTION ACTIVITIES ON THIS PROJECT.

- ALL CONSTRUCTION, WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH CURRENT OSHA, MDOT AND MUNICIPALITY STANDARDS AND REGULATIONS.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND/OR THE AUTHORITY HAVING JURISDICTION 3 BUSINESS DAYS PRIOR TO THE BEGINNING OF CONSTRUCTION.
- THE CONTRACTOR SHALL CONTACT THE ENGINEER SHOULD THEY ENCOUNTER ANY DESIGN ISSUES DURING CONSTRUCTION. IF THE CONTRACTOR MAKES DESIGN MODIFICATIONS WITHOUT THE WRITTEN DIRECTION OF THE DESIGN ENGINEER, THE CONTRACTOR DOES SO AT HIS OWN RISK.
- ALL NECESSARY PERMITS, TESTING, BONDS AND INSURANCES ETC., SHALL BE PAID FOR BY THE CONTRACTOR. THE OWNER SHALL PAY FOR ALL CITY INSPECTION FEES.
- THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE 811/ONE CALL UTILITY LOCATING CENTER, THE CITY ENGINEER AND/OR THE AUTHORITY HAVING JURISDICTION 3 BUSINESS DAYS PRIOR TO THE BEGINNING OF CONSTRUCTION. IF NO NOTIFICATION IS GIVEN AND DAMAGE RESULTS, SAID DAMAGE WILL BE REPAIRED AT SOLE EXPENSE OF THE CONTRACTOR. IF EXISTING UTILITY LINES ARE ENCOUNTERED THAT CONFLICT IN LOCATION WITH NEW CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE DESIGN ENGINEER SO THAT THE CONFLICT MAY BE RESOLVED.
- CONTRACTOR SHALL VERIFY THAT THE PLANS AND SPECIFICATIONS ARE THE VERY LATEST PLANS AND SPECIFICATIONS AND FURTHERMORE, VERIFY THAT THESE PLANS AND SPECIFICATIONS HAVE BEEN APPROVED. ALL ITEMS CONSTRUCTED BY THE CONTRACTOR PRIOR TO RECEIVING FINAL APPROVAL, HAVING TO BE ADJUSTED OR RE-DONE, SHALL BE AT THE CONTRACTOR'S EXPENSE. SHOULD THE CONTRACTOR ENCOUNTER A CONFLICT BETWEEN THESE PLANS AND/OR SPECIFICATIONS, THEY SHALL SEEK CLARIFICATION IN WRITING FROM THE ENGINEER BEFORE COMMENCEMENT OF CONSTRUCTION. FAILURE TO DO SO SHALL BE AT SOLE EXPENSE TO THE CONTRACTOR.
- ANY WORK WITHIN THE STREET OR HIGHWAY RIGHTS-OF-WAY SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE AGENCIES HAVING JURISDICTION AND SHALL NOT BEGIN UNTIL ALL NECESSARY PERMITS HAVE BEEN ISSUED FOR THE WORK.
- ALL PROPERTIES OR FACILITIES IN THE SURROUNDING AREAS, PUBLIC OR PRIVATE, DESTROYED OR OTHERWISE DISTURBED DUE TO CONSTRUCTION, SHALL BE REPLACED AND/OR RESTORED TO THE ORIGINAL CONDITION BY THE CONTRACTOR.
- THE CONTRACTOR SHALL PROVIDE ALL NECESSARY BARRICADING, SIGNAGE, LIGHTS AND TRAFFIC CONTROL DEVICES TO PROTECT THE WORK AND SAFELY MAINTAIN TRAFFIC IN ACCORDANCE WITH LOCAL REQUIREMENTS AND THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (LATEST EDITION). THE DESIGN ENGINEER, OWNER, AND STATE SHALL NOT BE HELD LIABLE FOR ANY CLAIMS RESULTING FROM ACCIDENTS OR DAMAGES CAUSED BY THE CONTRACTOR'S FAILURE TO COMPLY WITH TRAFFIC AND PUBLIC SAFETY REGULATIONS DURING THE CONSTRUCTION PERIOD.
- THE USE OF CRUSHED CONCRETE IS PROHIBITED ON THE PROJECT WITHIN 100 FEET OF ANY WATER COURSE (STREAM, RIVER, COUNTY DRAIN, ETC.) AND LAKE, REGARDLESS OF THE APPLICATION OR LOCATION OF THE WATER COURSE OR LAKE RELATIVE TO THE PROJECT LIMITS.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ADJUST THE TOP OF ALL EXISTING AND PROPOSED STRUCTURES (MANHOLES, CATCH BASINS, INLETS, GATE WELLS ETC.) WITHIN GRADED AND/OR PAVED AREAS TO FINAL GRADE SHOWN ON THE PLANS. ALL SUCH ADJUSTMENTS SHALL BE INCIDENTAL TO THE JOB AND WILL NOT BE PAID FOR SEPARATELY.

#### PAVING NOTES:

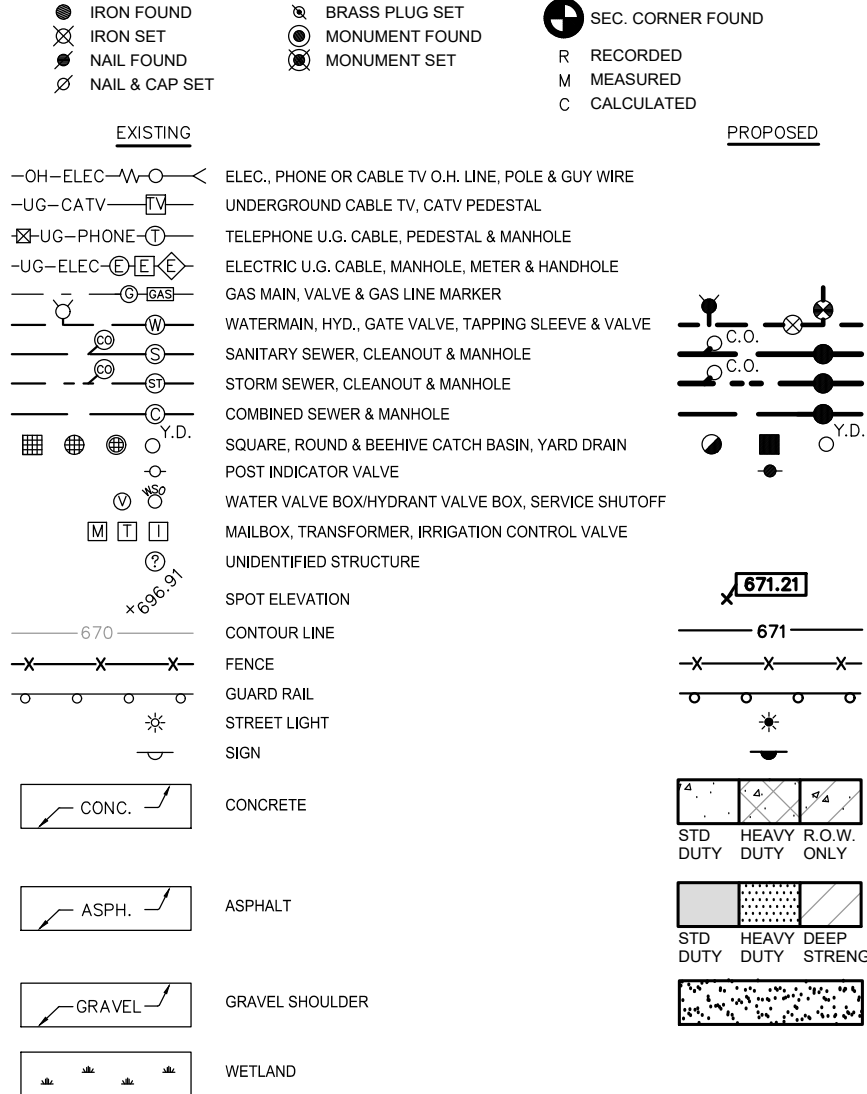
- IN AREAS WHERE NEW PAVEMENTS ARE BEING CONSTRUCTED, THE TOPSOIL AND SOIL CONTAINING ORGANIC MATTER SHALL BE REMOVED PRIOR TO PAVEMENT CONSTRUCTION.
- CONSTRUCTION TRAFFIC SHOULD BE MINIMIZED ON THE NEW PAVEMENT. IF CONSTRUCTION TRAFFIC IS ANTICIPATED ON THE PAVEMENT STRUCTURE, THE INITIAL LIFT THICKNESS COULD BE INCREASED AND PLACEMENT OF THE FINAL LIFT COULD BE DELAYED UNTIL THE MAJORITY OF THE CONSTRUCTION ACTIVITIES HAVE BEEN COMPLETED. THIS ACTION WILL ALLOW REPAIR OF LOCALIZED FAILURE, IF ANY DOES OCCUR, AS WELL AS REDUCE LOAD DAMAGE ON THE PAVEMENT SYSTEM.
- ALL EXPANSION JOINTS AND CONCRETE PAVEMENT JOINTS TO BE SEALED.
- CONCRETE CURBING JOINTING - UNLESS SHOWN OTHERWISE IN THE PLANS OR REQUIRED BY THE AUTHORITY HAVING JURISDICTION
  - JOINTS WHEN ADJACENT TO ASPHALT PAVEMENT
    - PLACE CONTRACTION JOINTS AT 10' INTERVALS
    - PLACE 1/2" EXPANSION JOINT AT CATCH BASINS, EXISTING AND PROPOSED SIDEWALK OR EXISTING CURBING.
    - PLACE 1" EXPANSION JOINT:
      - AT SPRING POINTS OF INTERSECTIONS OR ONE OF THE END OF RADIUS LOCATIONS IN A CURVE
      - AT 400' MAXIMUM INTERVALS ON STRAIGHT RUNS
      - AT THE END OF RADIUS AT OPPOSITE ENDS IN A CURBED LANDSCAPE ISLAND
  - JOINTS WHEN TIED TO CONCRETE PAVEMENT
    - PLACE CONTRACTION JOINTS OPPOSITE ALL TRANSVERSE CONTRACTION JOINTS IN PAVEMENT
    - PLACE 1/2" EXPANSION JOINT AT CATCH BASINS, EXISTING AND PROPOSED SIDEWALK OR EXISTING CURBING.
    - PLACE 1" EXPANSION JOINT OPPOSITE ALL TRANSVERSE EXPANSION JOINTS IN PAVEMENT
    - CURB AND GUTTER AND CONCRETE SHALL BE TIED TOGETHER SIMILAR TO A LONGITUDINAL LANE TIE JOINT (MDOT B1 JOINT)
- IN BETWEEN POURS OF PROPOSED CONCRETE CURBING (CONSTRUCTION JOINT):
  - CARRY THE REBAR CONTINUOUSLY BETWEEN POURS
  - IF THE REBAR IS NOT LONG ENOUGH TO CARRY CONTINUOUSLY, THEN TIE TWO PIECES OF REBAR PER THE LATEST MDOT SPECIFICATIONS

#### CONSTRUCTION MATERIAL SUBMITTALS

UNLESS REQUIRED OTHERWISE IN THE PROJECT SPECIFICATIONS, THE CONTRACTOR SHALL ONLY SUBMIT THE FOLLOWING CONSTRUCTION MATERIAL SUBMITTALS, AS APPLICABLE TO THE PLANS, FOR REVIEW BY THE ENGINEER. UNLESS APPROVED IN ADVANCE AND IN WRITING BY THE ENGINEER, ANY MATERIAL SUBMITTALS PROVIDED TO THE ENGINEER FOR REVIEW IN ADDITION TO THIS LIST SHALL BE RETURNED TO THE CONTRACTOR WITHOUT A REVIEW BEING PERFORMED.

- SOIL EROSION AND SEDIMENTATION CONTROL MEASURES
- PAVEMENT AGGREGATE BASE MATERIAL WITH ALL MATERIAL DATA INCLUDED IN THE SUBMITTAL BEING DATED WITHIN 60 DAYS OF THE SUBMITTAL UNLESS APPROVED OTHERWISE BY THE ENGINEER
- PAVEMENT MIX DESIGNS SUBMITTED FOR REVIEW BY THE ENGINEER MUST FOLLOW THE CURRENT MDOT REVIEW CHECKLISTS AS SUMMARIZED BELOW AND ALL MATERIAL DATA INCLUDED IN THE SUBMITTAL BEING DATED WITHIN 60 DAYS OF THE SUBMITTAL UNLESS APPROVED OTHERWISE BY THE ENGINEER:
  - CONCRETE MIX DESIGN REVIEW CHECKLIST (FORM 2000)
  - SUPERPAVE MIX DESIGN CHECKLIST (FORM 1862)
  - MARSHALL MIX DESIGN CHECKLIST (FORM 1849)
- ANY ITEMS SHOWN IN THE PLANS OR DETAIL SHEETS THAT SPECIFICALLY STATE THAT THE CONTRACTOR TO SUBMIT A SHOP DRAWING TO THE ENGINEER FOR REVIEW. THESE ITEMS INCLUDE, BUT ARE NOT LIMITED TO:
  - ANY SPECIALTY ITEMS SHOWN IN THE PLANS OR DETAIL SHEETS THAT SPECIFICALLY DO NOT STATE FOR THE CONTRACTOR SHALL SUBMIT A SHOP DRAWING TO THE ENGINEER FOR REVIEW BUT THE CONTRACTOR REQUESTS TO BE REVIEWED. THE CONTRACTOR'S REQUEST FOR REVIEW MUST BE IN WRITING AND APPROVED BY THE ENGINEER PRIOR TO SUBMITTING THE INFORMATION.

#### LEGEND



#### REFERENCE DRAWINGS

GAS	CONSUMERS MAP 04-01-19-4, DATED 07/20/2020
CABLE	ATAK MAP A1, DATED 07/20/2022
SANITARY SEWER	HAVE NOT RECEIVED UTILITY MAPS AS OF JULY 28, 2022
STORM SEWER	HAVE NOT RECEIVED UTILITY MAPS AS OF JULY 28, 2022
WATER MAIN	HAVE NOT RECEIVED UTILITY MAPS AS OF JULY 28, 2022

#### LEGAL DESCRIPTION

SEE SHEET V01-00-01 - TOPOGRAPHIC SURVEY

#### BENCHMARKS

SEE SHEET V01-00-01 - TOPOGRAPHIC SURVEY

#### FLOODPLAIN NOTE:

SEE SHEET V01-00-01 - TOPOGRAPHIC SURVEY

#### SIGN LEGEND:

'STOP' SIGN  
REFER TO DETAILS ON THIS SHEET



ROCHESTER COMMUNITY SCHOOLS  
501 W UNIVERSITY DRIVE  
ROCHESTER, MI 48307  
248.726.3000  
https://www.rochester.k12.mi.us

**DELTA KELLY**  
**DRIVE APPROACH**  
3880 ADAMS ROAD  
OAKLAND CHARTER TWP, MI 48363

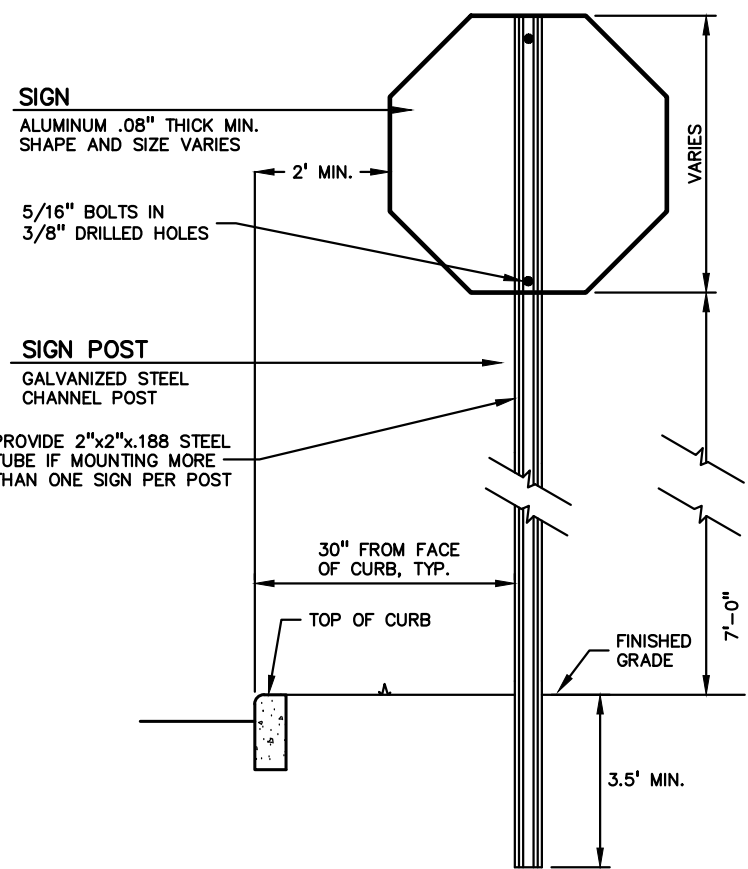
# GHAFAARI

17101 MICHIGAN AVENUE  
DEARBORN, MI 48126-2736 USA  
TEL +1.313.441.3000  
www.ghafari.com

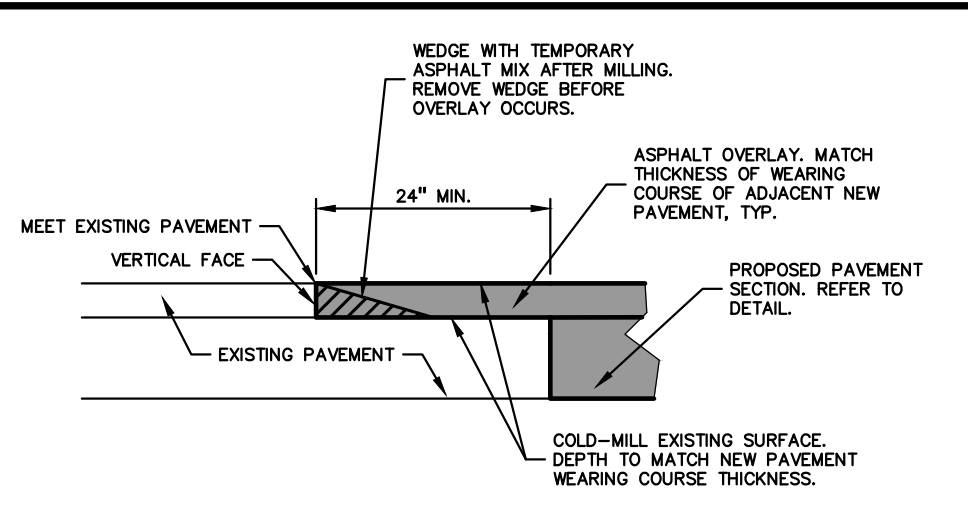
## PEA GROUP

t: 844.813.2949  
www.peagroup.com

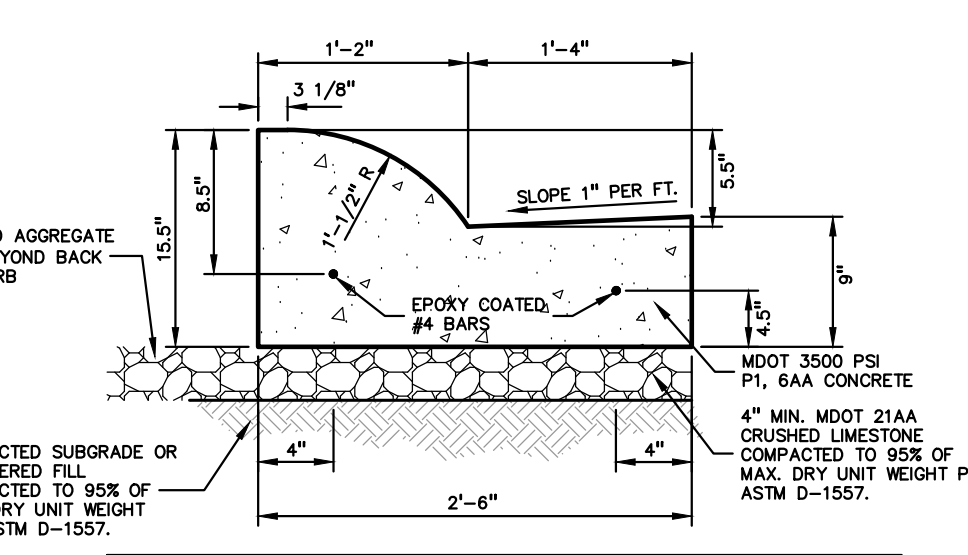
REGISTRATION SEAL



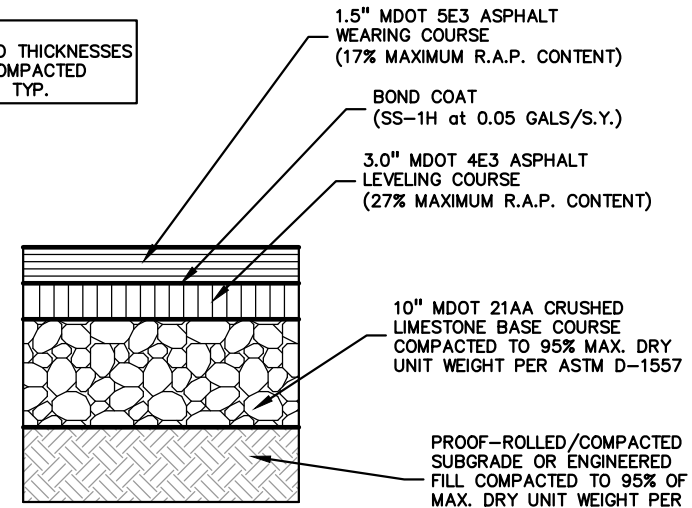
**SIGN AND POST INSTALLATION  
IN LANDSCAPED AREAS**  
NOT TO SCALE



**BUTT JOINT DETAIL**  
NOT TO SCALE



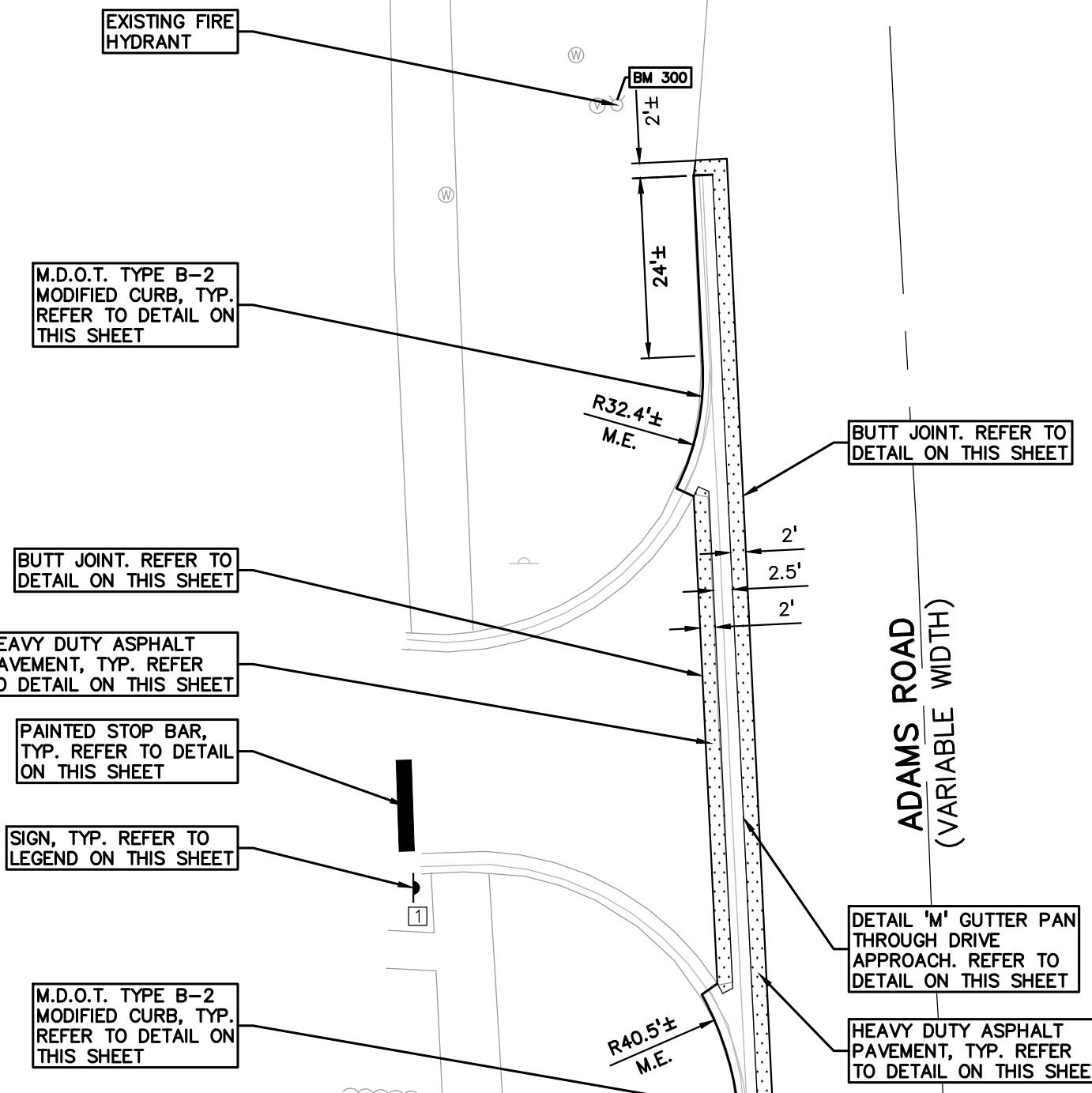
**MDOT CURB DETAIL "B-2" (MODIFIED)**  
NOT TO SCALE



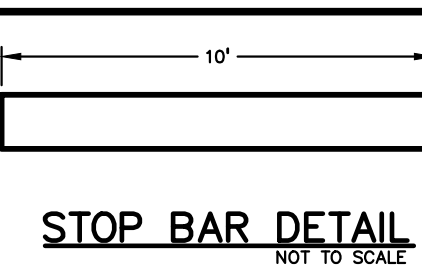
**HEAVY DUTY ASPHALT DETAIL**  
(NOT FOR USE IN THE RIGHT-OF-WAY)  
NOT TO SCALE

AGGREGATE BASE NOTE:  
THIS PAVEMENT SECTION DESIGN ASSUMES THE USE OF MDOT 21AA CRUSHED LESTONE BASE MATERIAL THAT MEETS THE REQUIREMENTS OF MDOT STANDARD SPECIFICATION SECTION 902 FOR AGGREGATES. IF CRUSHED CONCRETE AGGREGATE BASE IS PROPOSED IN LIEU OF THE SPECIFIED CRUSHED LESTONE MATERIAL, PEA GROUP WILL REQUIRE A MINIMUM 25% INCREASE IN BASE THICKNESS. HOWEVER, IF TESTING DOCUMENTATION IS PROVIDED TO PEA GROUP THAT SHOWS THAT THE CRUSHED CONCRETE MATERIAL MEETS ALL REQUIREMENTS OF MDOT SPECIFICATION SECTION 902, THEN THE 25% INCREASE IN THICKNESS MAY BE REEVALUATED.

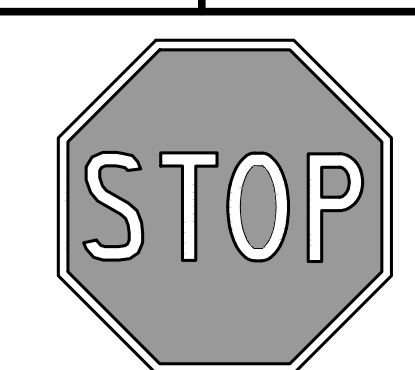
ASPHALT MATERIAL NOTES:  
HOT-MIX ASPHALT MIXTURES UTILIZING RECYCLED ASPHALT PAVEMENT (RAP) MUST MEET MDOT SPECIAL PROVISION 12SP601(G). THE BINDER GRADE FOR THIS WORK IS PG64-28. IF ASPHALT MIXES CONTAINING RAP ARE TO BE SUPPLIED FOR THIS PROJECT, THE ASPHALT BINDER MUST BE REVISED PER MDOT TIER 1 OR TIER 2 REQUIREMENTS (RAP CONTENT UP TO 27% MAXIMUM). TIER 3 MIXES ARE NOT ACCEPTABLE ON THIS PROJECT. AN ASPHALT MIX DESIGN FOR ALL SPECIFIED MIXES SHOULD BE FORWARDED TO PEA GROUP FOR REVIEW PRIOR TO CONSTRUCTION.



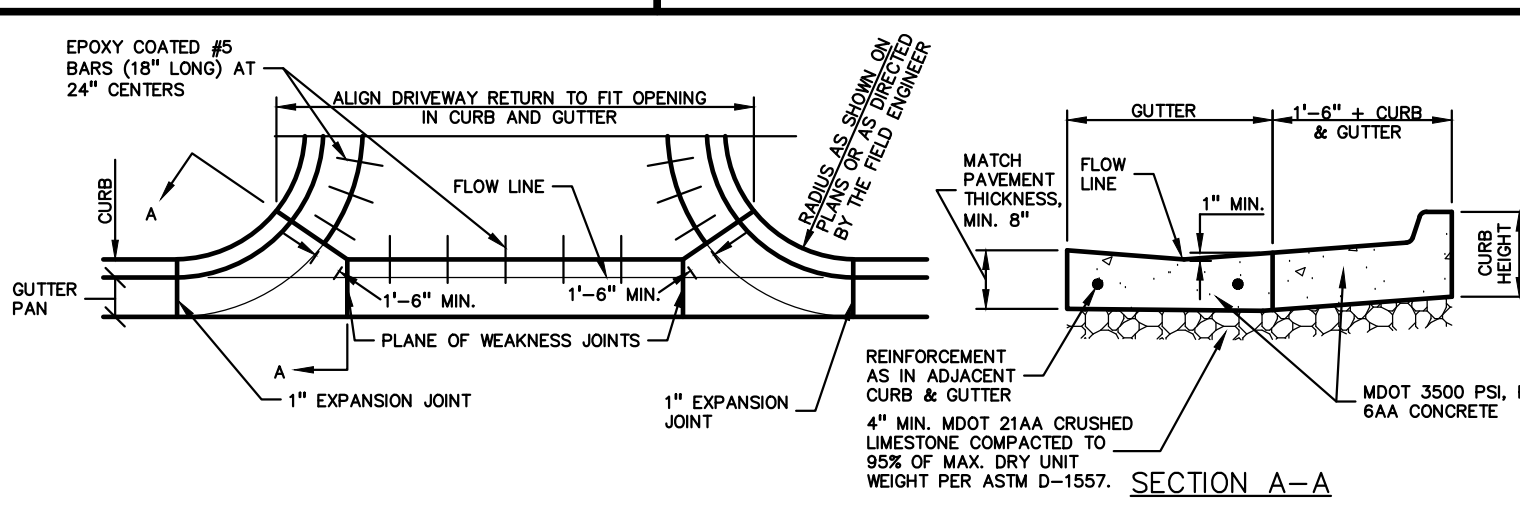
NOTE:  
ALL WORK WITHIN THE ADAMS ROAD RIGHT-OF-WAY IS UNDER THE JURISDICTION OF THE OAKLAND COUNTY ROAD COMMISSION AND REQUIRES A PERMIT.



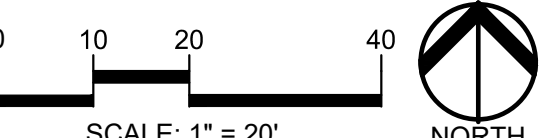
**STOP BAR DETAIL**  
NOT TO SCALE



**STOP SIGN DETAIL**  
NOT TO SCALE

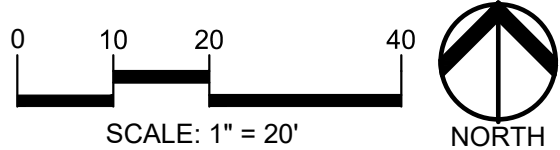
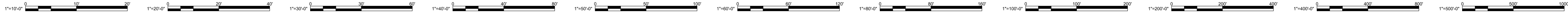


**MDOT DRIVEWAY OPENING-DETAIL "M"**  
NOT TO SCALE



**CS1-00-02**  
SHEET NUMBER





**CS1-00-03**  
SHEET NUMBER



