



**ADDENDUM 3
TO PLANS AND SPECIFICATIONS FOR THE
OLTHOFF DRIVE ROADWAY EXTENSION**

ISSUED: December 9, 2022

HRC Job No. 20210307

This Addendum is issued prior to receipt of bids to provide for certain changes and clarifications to the Specifications and/or the Drawings, as herein specified, and is hereby made a part of the Contract Documents and shall be taken into consideration in preparing the Proposal. All other conditions remain the same.

Receipt of this addendum must be noted in the place provided on the Bid Form and dated December 9, 2022.

ADDENDUM:

PLAN SHEETS:

1. Sheet 6 – Proposed Site Plan:

- The relocated fire hydrant has been removed and the new proposed hydrant is shown.

2. Sheet 7 – Removal Sheet:

- The hydrant relocation is no longer taking place.
- The hydrant that was being relocated is now being removed up to the gate box and bulkheaded. This will be paid as “Hydrant, Rem, Modified” – Each. See section 02670.
- The pay item quantifying the removal/flattening of the existing gravel entrance drive is no longer “HMA Surface, Rem” and has been changed to “Excavation, Earth”.

3. Sheet 8 – Road Improvements Sheet:

- The relocated fire hydrant has been removed and the new proposed hydrant is shown.

4. Sheet 9 – Road Improvements Sheet:

- A note has been added showing that the City of Muskegon will be installing the storm sewer connection to the existing system under Olthoff Drive and installing storm sewer to the south side of the MDOC fence. The Contractor shall connect the proposed storm sewer onto this stub. The quantities of storm sewer and videoing of storm pipe have been updated accordingly.
- The pay item “Dr Structure, Tap, 12 inch” has been deleted from the quantities. The City will be providing this connection.

5. Sheet 12 – Utility Improvements Sheet:

- A note showing the removal of the existing hydrant has been added.
- The new proposed fire hydrant assembly is shown. The items “Hydrant, 6 inch, Standard” and “Tee, 12 inch X 6 inch, DI MJ” have been added accordingly. This hydrant was added instead of relocating the existing hydrant near the cul-de-sac. By removing the hydrant nearest to the cul-de-sac and installing the new hydrant that is tapped into the new watermain, the City can avoid shutting down the watermain located underneath Olthoff Drive during construction.
- The pay item “Hydrant, Relocate, Case 2” has been removed from the quantities.

6. Sheet 16 – Utility Improvements Sheet:

- A note has been added showing that the City of Muskegon will be installing the sanitary sewer connection to the existing system under Olthoff Drive and installing sanitary sewer to the south side of the MDOC fence. The Contractor shall connect the proposed sanitary sewer onto this stub. The quantities of sanitary sewer and videoing of sewer have been updated accordingly.
- The pay item “Sanitary Structure, Tap, 12 inch” has been deleted from the quantities. The City will be providing this connection.

SPECIFICATIONS:

1. Section 00010 – Table of Contents:

- Section 02670 “Hydrant, Rem, Modified” has been added to the table of contents.

2. Section 00300 – Proposal:

- The quantity of “Excavation, Earth” has been reduced due to the removal/flattening of the existing gravel access drive.
- The quantity of “Sewer, CI IV, 12 inch, Tr Det A” has been changed due to the connection being provided by the City.
- The quantity of “Video Taping Sewer and Culv Pipe” has been changed due to the reduction of sewer quantities.
- The quantity of “HMA Surface, Rem” has been reduced given that the gravel access drive is being removed/flattened as “Excavation, Earth”.
- The quantity of “Hydrant, 6 inch, Standard” has increased from 5 to 6 due to the addition of a hydrant near the POB.
- The pay item “Hydrant, Rem, Modified” has been added to account for the removal of the hydrant near the existing cul-de-sac.

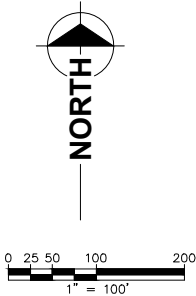
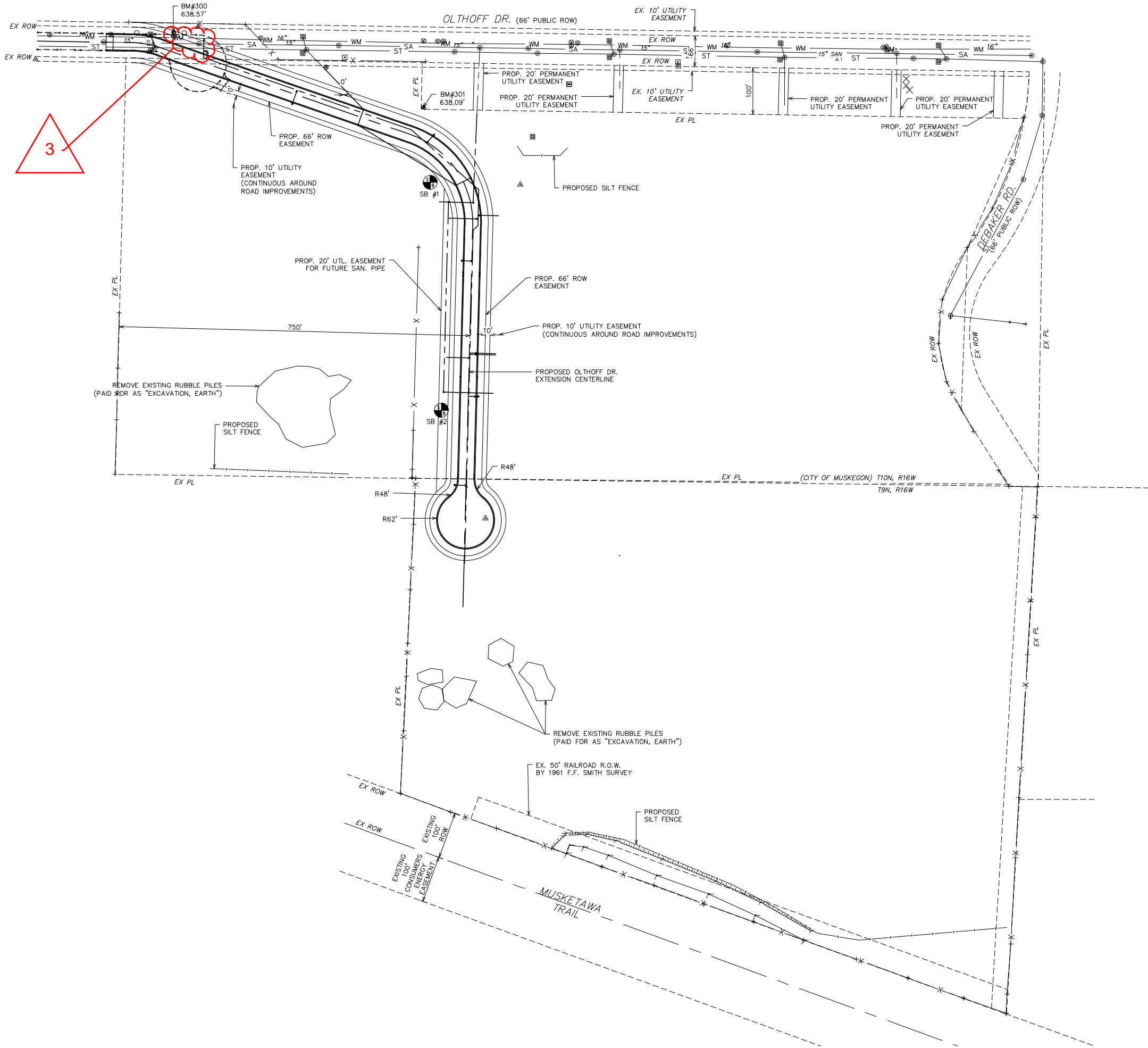
- The pay item “Tee, 12 inch X 6 inch, DI MJ” has increased from 5 to 6 due to the addition of a hydrant near the POB.
- The quantity of “Sanitary Sewer, PVC, 12 inch, Tr Det B2” has been reduced due to the sanitary sewer connection being provided by the city.
- The pay items “Dr Structure, Tap, 12 inch”, “Hydrant, Relocate, Case 2”, and “Sanitary Structure, Tap, 12 inch” have been removed.

3. Section 00310 – Bid Item Description:

- The pay item “Hydrant, Rem, Modified” has been added.
- The pay items “Dr Structure, Tap, 12 inch”, “Hydrant, Relocate, Case 2”, and “Sanitary Structure, Tap, 12 inch” have been removed.

4. Section 02670 – Hydrant, Rem, Modified:

- Section 02670 was added to provide a description of the new pay item “Hydrant, Rem, Modified”. This item was added to remove the existing hydrant near the existing cul-de-sac, instead of relocating the hydrant. The hydrant assembly will be removed up to the gate valve, which will be turned off and bulkheaded. This is to avoid the City needing to shut down the existing watermain located underneath Olthoff Drive during construction.



QUANTITIES THIS SHEET		
TOTAL	UNIT	DESCRIPTION
1	LSUM	Mobilization, Max
4060	Cyd	Excavation, Earth
1421	Ft	Erosion Control, Silt Fence



HRC

HUBBELL, ROTH & CLARK, INC.

CONSULTING ENGINEERS SINCE 1915

1925 BRETON ROAD, SE SUITE 100

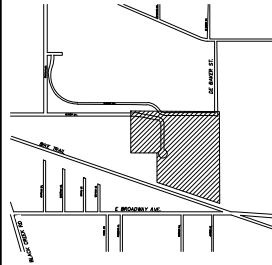
GRAND RAPIDS, MI 49506

PHONE: (616) 454-4286

FAX: (616) 454-4278

WEB SITE: [http:// www.hrcengr.com](http://www.hrcengr.com)

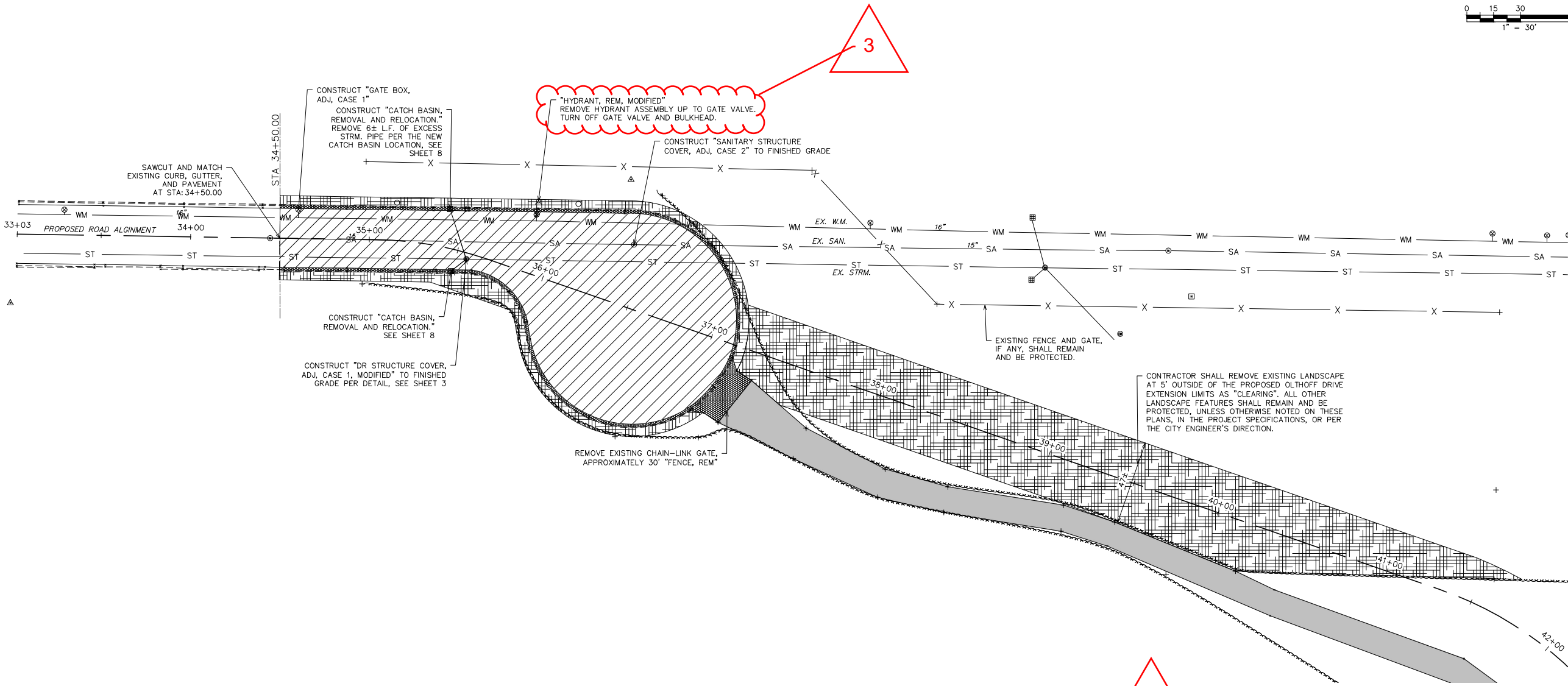
12/08/2022	3	Addendum 3
12/01/2022	2	Addendum 2
DATE	ADDITIONS AND/OR REVISIONS	
DESIGNED	LNM	
DRAWN	LNM	
CHECKED	RVW	
APPROVED	RVW	



CITY OF
MUSKEGON
OLTHOFF DRIVE
EXTENSION

PROPOSED SITE PLAN


HRC JOB NO.	SCALE
20210307	1"=100'
DATE	SHEET
December 2022	NO. 6 OF 18




REMOVAL LEGEND	
	REMOVE EXISTING PAVEMENT SECTION. (APPROXIMATELY 6" "HMA SURFACE, REM" APPROXIMATELY 6" "EXCAVATION, EARTH"-AB) CONTRACTOR SHALL REMOVE ENOUGH MATERIAL TO ALLOW FULL PROPOSED PAVEMENT SECTION.
	REMOVE EXISTING CONCRETE FEATURE ("CURB AND GUTTER, REM," AND "EXCAVATION, EARTH"-DWY), UNLESS OTHERWISE NOTED ON THESE PLANS, THE PROJECT SPECIFICATIONS, OR PER THE CITY ENGINEERING'S DIRECTION.
	REMOVE EXISTING LANDSCAPE AS "CLEARING".
	REMOVE/FLATTEN EXISTING GRAVEL ACCESS ROAD AS DIRECTED BY ENGINEER. PAID AS "EXCAVATION, EARTH". CONTRACTOR SHALL REMOVE/FLATTEN THE EXISTING GRAVEL/DIRT ACCESS ROAD 5' PAST THE LIMITS OF THE PROPOSED CUL-DE-SAC, SEE SHEET 11.

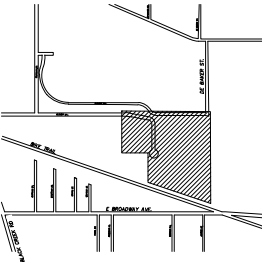
QUANTITIES THIS SHEET		
TOTAL	UNIT	DESCRIPTION
1	Acre	Clearing
6	Ft	Sewer, Rem, Less than 24 inch
630	Ft	Curb and Gutter, Rem
30	Ft	Fence, Rem
1428	Cyd	Excavation, Earth
2	Ea	Catch Basin, Removal and Relocation
1	Ea	Dr Structure Cover, Adj, Case 1, Modified
1824	Syd	HMA Surface, Rem
1	Ea	Gate Box, Adj, Case 1
1	Ea	Hydrant, Rem, Modified
1	Ea	Sanitary Structure Cover, Adj, Case 2



**HUBBELL, ROTH & CLARK, INC**
CONSULTING ENGINEERS SINCE 1915
1925 BRETON ROAD, SE SUITE 100
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PHONE: (616) 454-4286
FAX: (616) 454-4278
WEB SITE: [http:// www.hrcengr.com](http://www.hrcengr.com)



12/08/2022	3	Addendum 3
12/01/2022	2	Addendum 2
DATE	ADDITIONS AND/OR REVISIONS	
DESIGNED	LNM	
DRAWN	LNM	
CHECKED	RVW	
APPROVED	RVW	

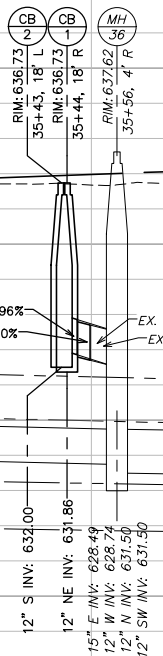


**CITY OF
MUSKEGON**
**OLTHOFF DRIVE
EXTENSION**

REMOVAL SHEET


HRC JOB NO. 20210307	SCALE 1"=20'
DATE December 2022	SHEET NO. 7 OF 18

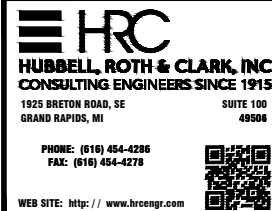
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STRUCTURE SCHEDULE				
STR. NO.	STATION/OFFSET	STR. DIA.	STR. TYPE	COVER TYPE
CB 1	35+44, 18' R	4.0'	CB	K
CB 2	35+43, 18' L	4.0'	CB	K

CONSTRUCTION LEGEND

	<p>CONSTRUCT PAVEMENT SECTION</p> <p>2" HMA, 4EML TOP COURSE</p> <p>2" HMA, 4EML LEVELING COURSE</p> <p>2" HMA, 4EML BASE COURSE</p> <p>AGGREGATE BASE, 6 INCH</p> <p>6" C.N.S. @ 95% MIN. REL. COMP.</p>
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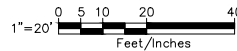
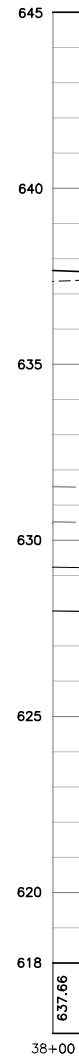


ROAD IMPROVEMENTS -
STA. 34+50 TO STA. 38+00

HRC JOB NO. 20210307	SCALE 1"=20'
DATE December 2022	SHEET NO. 8 OF 18




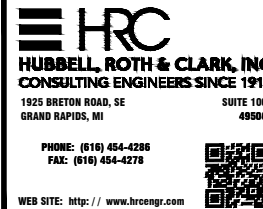
STATIONING BASED ON CENTERLINE



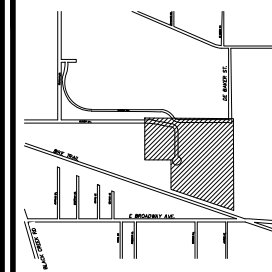
TOTAL	UNIT	DESCRIPTION
103	Cyd	Embankment, CIP
8	Sta	Machine Grading
1914	Syd	Aggregate Base, 6 inch
287	Ft	Sewer, C/I V, 12 inch, Tr Det A
36	Ft	Sewer, C/I V, 12 inch, Tr Det B
323	Ft	Video Taping Sewer and Culv Pipe
2	Ea	Caten Basin, special, 48 inch dia
2	Ea	Dr Structure Cover, Type K, Modified
509	Ton	HMA, 4EML
800	Ft	Curb and Gutter, Conc, Det F4

STR. NO.	STATION/OFFSET	STR. DIA.	STR. TYPE	COVER TYPE
CB 3	40+21, 18' L	4.0'	CB	K
CB 4	40+20, 18' R	4.0'	CB	K

CONSTRUCTION LEGEND	
	CONSTRUCT PAVEMENT SECTION 2" HMA, 4EML TOP COURSE 2" HMA, 4EML LEVELING COURSE 2" HMA, 4EML BASE COURSE AGGREGATE BASE, 6 INCH 6" C.N.S. @ 95% MIN. REL. COMP.



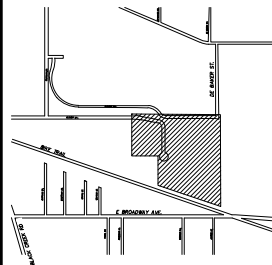
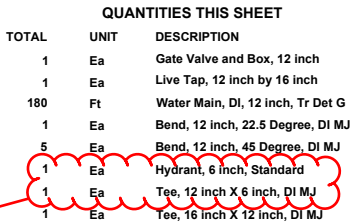
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APPROVED	RVW

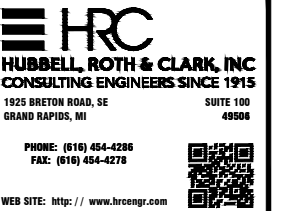
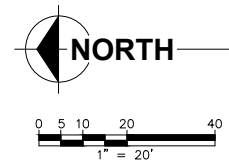


**CITY OF
MUSKEGON
OLTHOFF DRIVE
EXTENSION**

ROAD IMPROVEMENTS -
STA. 38+00 TO STA. 42+00

HRC JOB NO. 20210307	SCALE 1"=20'
DATE December 2022	SHEET NO. 9 OF



UTILITY IMPROVEMENTS –
SANITARY PIPE CONNECTION

PROJECT NO. 20210307	SCALE 1"=20'
DATE December 2022	SHEET NO. 16 OF 18

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STATIONING BASED ON PIPE CENTERLINE

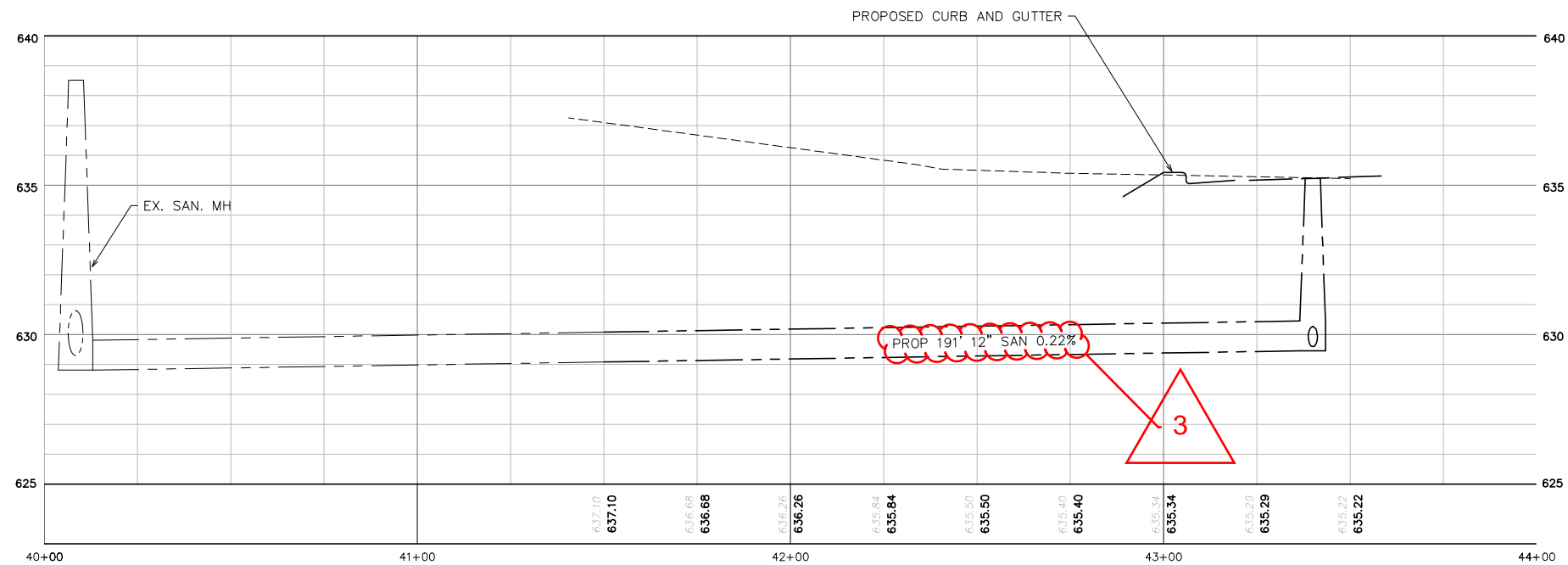


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(Not Used)

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(Not Used)

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(Not Used)

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(Not Used)

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(Not Used)

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(Not Used)

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(Not Used)

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(Not Used)

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(Not Used)

DIVISION 14 - CONVEYING SYSTEMS

(Not Used)

DIVISION 15 – MECHANICAL

(Not Used)

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(Not Used)

END OF SECTION

PROPOSAL
FOR
OLTHOFF DRIVE INDUSTRIAL PARK ROADWAY EXPANSION PROJECT
CITY OF MUSKEGON
MUSKEGON COUNTY, MICHIGAN

City of Muskegon
1350 East Keating Avenue
Muskegon, MI 49442

Bids Due: December 13, 2022
On or Before 2:00 pm, Local Time
HRC Job No. 20210307

To Prospective Bidders:

Name of Bidder: _____

Address: _____

Date: _____ Telephone: _____ Fax: _____

The above, as Bidder, hereby declares this bid is made in good faith without fraud or collusion with any persons bidding, and that the Drawings, Specifications, and all other information referenced in the Instructions to Bidders have been examined. Further, the Bidder is familiar with the location of the work described herein and is fully informed as to the nature of the work and the conditions relating to the performance of the Contract.

The Bidder acknowledges that no representations or warranties of any nature whatsoever have been received, or are relied upon from the City of Muskegon, its agents or employees, as to any conditions to be encountered in accomplishing the work and that the bid is based solely upon the Bidder's own independent judgment.

The above, as Bidder, hereby certifies that the Drawings, Specifications, and other data provided by the Owner for bidding purposes have been examined. Further, the undersigned certifies that the proposed construction methods have been reviewed and found acceptable for the conditions which can be anticipated from the information provided for bidding.

The Bidder hereby affirms that the site of work has been inspected and further declares that no charges in addition to the Individual Unit Prices shall be made on account of any job circumstances or field conditions which were present and/or ascertainable prior to the bidding. In addition, The Contractor, as such and as Bidder, shall make the determination as to existing soil conditions and shall also complete the work under whatever conditions created by the Contractor/Bidder's sequence of construction, construction methods, or other conditions the Contractor/Bidder may create, at no additional cost to the Owner.

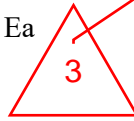
The above, as Bidder, confirms knowledge of the location of the proposed Olthoff Drive Industrial Park Roadway Expansion Project and appurtenant construction in the City of Muskegon of Muskegon County, Michigan, and the conditions under which it must be constructed; and also declares to have carefully examined the Drawings, Specifications, and Contract Documents which the Bidder understands and accepts as sufficient for the purpose of constructing said Project, and appurtenant work, and agrees to contract with the City of Muskegon to furnish all labor, materials, tools, equipment, facilities and supervision necessary to do all the work specified and prescribed for the City of Muskegon, in strict accordance with the Owner's General Conditions,

and with the full intent of the Drawings and Specifications, prepared by Hubbell, Roth & Clark, Consulting Engineers, and will accept in full payment therefore the sum of:

BASE BID

<u>Item</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Total Cost</u>
1. Mobilization, Max - LSUM	1	@ \$	= \$
2. Clearing - Acre	0.5	@ \$	= \$
3. Sewer, Rem, Less than 24 inch - Ft	6	@ \$	= \$
4. Curb and Gutter, Rem - Ft	630	@ \$	= \$
5. Fence, Rem - Ft	30	@ \$	= \$
6. Embankment, CIP - Cyd	430	@ \$	= \$
7. Excavation, Earth - Cyd	5489	@ \$	= \$
8. Machine Grading - Sta	33	@ \$	= \$
9. Erosion Control, Silt Fence - Ft	1421	@ \$	= \$
10. Aggregate Base, 6 inch - Syd	8709	@ \$	= \$
11. Sewer, CI IV, 12 inch, Tr Det A - Ft	365	@ \$	= \$
12. Sewer, CI IV, 12 inch, Tr Det B - Ft	88	@ \$	= \$
13. Video Taping Sewer and Culv Pipe - Ft	1214	@ \$	= \$
14. Catch Basin, Removal and Relocation - Ea	4	@ \$	= \$
15. Catch Basin, Special, 48 inch dia - Ea	4	@ \$	= \$
16. Dr Structure Cover, Adj, Case 1, Modified - Ea	1	@ \$	= \$
17. Dr Structure Cover, Type K, Modified - Ea	16	@ \$	= \$
18. Leaching Basin, 72 inch dia - Ea	10	@ \$	= \$
19. Sanitary Manhole Cover - Ea	3	@ \$	= \$
20. Underdrain, Subgrade, Open-Graded, 12 inch - Ft	876	@ \$	= \$
21. HMA Surface, Rem - Syd	1824	@ \$	= \$
22. HMA, 4EML - Ton	1763	@ \$	= \$
23. Curb and Gutter, Conc, Det F4 - Ft	3346	@ \$	= \$
24. Post, Steel, 3 lb - Ft	120	@ \$	= \$
25. Sign, Type III, Erect, Salv - Ea	2	@ \$	= \$
26. Sign, Type III, Rem - Ea	2	@ \$	= \$
27. Sign, Type IIIB - Sft	43	@ \$	= \$
28. Reflective Panel for Permanent Sign Support, 6 foot - Ft	4	@ \$	= \$
29. Pavt Mrkg, Waterborne, 4 inch, Yellow - Ft	2954	@ \$	= \$
30. Gate Valve and Box, 8 inch - Ea	6	@ \$	= \$
31. Gate and Valve Box, 12 inch - Ea	1	@ \$	= \$
32. Water Main, 8 inch, Cut and Plug - Ea	6	@ \$	= \$
33. Live Tap, 12 inch by 16 inch - Ea	1	@ \$	= \$
34. Gate Box, Adj, Case 1 - Ea	1	@ \$	= \$
35. Water Main, DI, 12 inch, Tr Det G - Ft	1355	@ \$	= \$
36. Water Main, DI, 8 inch, Tr Det G - Ft	422	@ \$	= \$
37. Bend, 12 inch, 22.5 Degree, DI MJ - Ea	2	@ \$	= \$
38. Bend 12 inch, 45 Degree, DI MJ - Ea	22	@ \$	= \$
39. Hydrant, 6 inch, Standard - Ea	6	@ \$	= \$
40. Hydrant, Rem, Modified - Ea	1	@ \$	= \$
41. Reducer, 12 inch X 8 inch, DI MJ - Ea	1	@ \$	= \$
42. Tee, 12 inch X 6 inch, DI MJ - Ea	6	@ \$	= \$
43. Tee, 12 inch X 8 inch, DI MJ - Ea	5	@ \$	= \$

44. Tee, 16 inch X 12 inch, DI MJ - Ea	1	@	\$ _____	= \$ _____
45. Sanitary Sewer, PVC, 8 inch, Tr Det B2 - Ft	127	@	\$ _____	= \$ _____
46. Sanitary Sewer, PVC, 12 inch, Tr Det B2 - Ft	650	@	\$ _____	= \$ _____
47. Sanitary Structure, 48 inch dia - Ea	3	@	\$ _____	= \$ _____
48. Sanitary Structure Cover, Adj, Case 2 - Ea	1	@	\$ _____	= \$ _____
Total Amount of Bid				\$ _____



ALTERNATES

Voluntary Alternates proposed by the Bidder will not be considered. The Bidder shall submit a bid based on the information shown on the Drawings and Specifications. Alternates listed below are for the Owner's convenience and shall be priced as indicated by the work description. All alternates shall be clearly marked whether they represent an add or deduct to the Base Bid Price quoted herein. All Alternates which are quoted shall be complete and the price shall include all Bidder mark-ups. Each Alternate shall be clearly marked if it represents an Add or a Deduct from the Base Bid Price.

No Alternates are proposed.

The Owner reserves the right to award the Base Bid or the Base Bid plus any or individual Alternate or combination of Alternates, depending upon the availability of funds.

The Owner, at its sole discretion, reserves the right to award to the Bidder who, in the sole determination of the Owner, will best serve the interest of the Owner. The Owner reserves the right to accept any bid, to reject any or all bids, to waive any and all informalities involving price, time, or changes in the work, and to negotiate contract terms with the successful Bidder, and the right to disregard all nonconforming, nonresponsive, unbalanced or conditional bids. However, it is the intention of the Owner to award to the low total bid to one bidder. Also, the Owner reserves the right to reject the bid of any Bidder if the Owner believes that it would not be in the best interest of the Project to make an award to that Bidder, whether because the bid is not responsive or the Bidder is unqualified, of doubtful financial ability, or fails to meet any other pertinent standard or criteria established by the Owner.

Each bidder agrees to waive any claim it has or may have against the Owner, the Architect/Engineer, and their respective employees, arising out of or in connection with the administration, evaluation, or recommendation of any bid.

Each Proposal must be accompanied by a bid deposit in the form of a certified check, cashier's check or bid bond, executed by the bidder and Surety Company, payable to the City of Muskegon in the amount of Five Percent (5%) of the amount of the Proposal. See Instructions to Bidders – Bid Deposit for more information.

TAXES

The Bidder affirms that all applicable Federal, State and Local taxes of whatever character and description are included in all prices stated in this Form of Proposal.

ADDENDA

The Bidder acknowledges the following Addenda, covering revisions to the drawings or specifications and the cost, if any, of such revision has been included in the quoted proposal:

Addendum No. _____	Dated _____
Addendum No. _____	Dated _____
Addendum No. _____	Dated _____
Addendum No. _____	Dated _____

FEES

The Bidder shall refer to the General Conditions for allowable Fees for additional work performed, upon Owner's written authorization, by Bidder's own forces and/or for additional work, upon Owner's written authorization, by Bidder's subcontractors.

TIME OF COMPLETION

If awarded the Contract for the Olthoff Drive Industrial Park Roadway Extension Project, we agree to have all work substantially completed by June 1, 2023. Substantial Completion is defined that the facility is ready to use for its intended purpose with all utility systems fully functional.

The Bidder hereby agrees to furnish the required Bonds, Insurance Certificates, and Policies within ten (10) days after acceptance of this Proposal.

Final Completion with all clean-up and punch-list items shall be complete by June 30, 2023.

The execution of all work and specific constraints as described in the contract drawings and specifications, with particular reference to Section 02030 Sequence of Construction and Special Project Requirements, must be strictly adhered to.

LIQUIDATED DAMAGES

Time is of the essence for completion of this project in order to have the Project ready for the City of Muskegon (OWNER). The Bidder guarantees that the work will be completed within the time limit stated herein before or within the time as extended as provided elsewhere in the Specifications. Inasmuch as the damage and loss to the Owner which will result from the failure of the Bidder to complete the work within the stipulated time, will be most difficult or impossible to accurately determine, it is mutually agreed that the damages to the Owner for such delay and failure on the part of the Bidder shall be liquidated in the amount of Five Hundred Dollars (\$500.00), for each and every calendar day by which the Bidder shall fail to complete the work or any part thereof within the provisions hereof, and such liquidated damages shall not be considered as a penalty.

The Owner will deduct and retain out of any money due or to become due hereunder the amount of the liquidated damages, and in case those amounts are less than the amount of actual liquidated damages, the Bidder shall pay the difference upon demand of the Owner.

We understand that liquidated damages may be assessed should we fail to meet the stipulated completion dates. Specifically, liquidated damages will be assessed daily beginning June 1, 2023 until such a time that Substantial Completion is achieved and further if all work is not completed by the Final Completion Date.

BIDS TO REMAIN FIRM

The price stated in this Proposal shall be guaranteed for a period of not less than [XX] days from the bid due date and if authorized to proceed within that period, the bidder agrees to complete the work covered by the Proposal at said price.

If this Proposal is accepted by the Owner and the undersigned shall fail to contract as aforesaid and to furnish the required surety bonds within fifteen (15) days after being notified of the acceptance of their bid, then the undersigned shall be considered to have abandoned the contract, and the Certified Check, Cashier's Check or Bid Bond accompanying this Proposal shall be forfeited to the [Village, City, Township] of _____.

If the undersigned enters into the contract in accordance with their proposal, or if their proposal is not accepted, then the accompanying bid guarantee shall be returned to the undersigned.

Company Name: _____

Signature: _____ Title: _____

Address: _____

County: _____ State: _____

Telephone No.: _____ Fax No.: _____

Email Address: _____

LEGAL STATUS OF BIDDER

This Bid is submittal in the name of:

(Print) _____

The undersigned hereby designates below the business address to which all notices, directions or other communications may be served or mailed:

Street _____

City _____

State _____ Zip Code _____

The undersigned hereby declares the legal status checked below:

- ☐ INDIVIDUAL
- ☐ INDIVIDUAL DOING BUSINESS UNDER AN ASSUMED NAME
- ☐ CO-PARTNERSHIP
The Assumed Name of the Co-Partnership is registered in the County of _____, Michigan
- ☐ CORPORATION INCORPORATED UNDER THE LAWS OF THE STATE OF _____
_____. The Corporation is
- ☐ LICENSED TO DO BUSINESS IN MICHIGAN
- ☐ NOT NOW LICENSED TO DO BUSINESS IN MICHIGAN

The name, titles, and home addresses of all persons who are officers or partners in the organization are as follows:

A corporation duly organized and doing business under the laws of the State of _____

NAME AND TITLE

HOME ADDRESS

Signed and Sealed this _____ day of _____, 20__.

By (Signature)

Printed Name of Signer

Title

BID BOND

We, the undersigned, _____

As Principal, hereinafter called the Principal, and _____

A corporation duly organized under the laws of the State of _____

As surety, hereinafter called the SURETY, are held and firmly bound unto:

The Owner: _____

in the sum of _____ Dollars (\$ _____),

For the payment of which sum well and truly to be made, the said Principal and the said Surety, bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, the Principal has submitted a bid for _____

NOW, THEREFORE, if the OWNER shall accept the bid of the Principal and the Principal shall enter into a contract with the OWNER in accordance with the terms of such bid, and give such bond or bonds as may be specified in the CONTRACT DOCUMENTS with good and sufficient surety for the faithful performance of such contract and for the prompt payment of labor and material furnished in the prosecution thereof, or in the event of the failure of the Principal to enter such contract and give such bond or bonds, if the Principal shall pay to the OWNER the difference not to exceed the penalty hereof between the amount specified in said bid and such larger amount for which the OWNER may in good faith contract with another party to perform the work covered by said bid, then the obligation of the Principal shall be null and void, otherwise to remain in full force and effect.

Signed and sealed this _____ day of _____, 20____

(Witness)

(Principal)

(Seal)

(Title)

(Witness)

(Surety)

(Title)

END OF SECTION

SECTION 00310

BID ITEM DESCRIPTION

PART 1 GENERAL

1.1 SCOPE

- A. This Section describes the method of measurement and basis of payment for several items of Work included in the Contract and specified in the Proposal.
 - 1. The Contractor shall provide all labor, material, tools, equipment and services required to complete the Work specified herein and indicated on the Plans and all other items necessary to complete the job, whether specifically mentioned or implied.
 - 2. Payment will only be made for the items listed in the Proposal Form.
- B. The Owner will make no allowances for items not included in the Proposal Form.

1.2 ITEMS OF THE PROPOSAL

Mobilization, Max (up to 10%)

This bid item shall be paid for at the Contract Unit Price per **lump sum** basis. The Work required by this item shall include, but not be limited to, the preparatory work and operations necessary for the movement of personnel, equipment, supplies, and incidentals to the project site; for the establishment of the Contractor's offices, buildings, and other facilities necessary to undertake the Work on the project; and for other work and operations which must be performed or for expenses incurred prior to beginning work on the various contract items on the project site. It shall also include pre-construction costs, exclusive of bidding costs, which are necessary direct costs to the project and are of a general nature rather than directly attributable to other pay items under the contract. The Work shall include all demobilizations and remobilizations which are required due to seasonal suspension of the Work. This contract pay item also includes all other items and costs not included in the price bid for specific items such as overhead, insurance, permits, safety program, coordination with others, and the like. All cost to the Contractors for full compliance with all requirements of the General Conditions sections shall also be included in this pay item.

The Contract Unit Price for Mobilization **shall not exceed ten (10) percent** of the Total Amount of Bid minus the amount for this pay item.

Additional unit prices will not be paid for the Contractor to remobilize to the site regardless of the staging or sequence of construction preferred by the Contractor. The initial payment for the project shall not be made until construction has been started and a schedule of values for the project has been approved. The total sum of all payments for this item shall not exceed the original contract amount bid for MOBILIZATION, regardless of the fact that the Contractor may have, for any reason, shut down his work on the project, moved equipment away from the project and then back again, or for additional quantities or items of work added to the contract.

Clearing

This bid item shall be paid for at the Contract Unit Price per **acre**. Measurement and payment and the Work included and required by this item are described herein, on the plans and according to the MDOT 2020 Standard Specifications for Construction.

This work will be performed at locations where required and as shown on the construction drawing.

Sewer, Rem, Less than 24 inch

This bid item shall be paid for at the Contract Unit Price per **lineal foot**. Measurement and payment and the Work included and required by this item are described herein, on the plans and according to the MDOT 2020 Standard Specifications for Construction.

This work will be performed at locations where required and as shown on the construction drawing.

Curb and Gutter, Rem

This bid item shall be paid for at the Contract Unit Price per **lineal foot**. Measurement and payment and the Work included and required by this item are described herein, on the plans and according to the MDOT 2020 Standard Specifications for Construction.

This work will be performed at locations where required and as shown on the construction drawing.

Fence, Rem

This bid item shall be paid for at the Contract Unit Price per **lineal foot**. Measurement and payment and the Work included and required by this item are described herein, on the plans and according to the MDOT 2020 Standard Specifications for Construction.

This work will be performed at locations where required and as shown on the construction drawing.

Embankment, CIP

This bid item shall be paid for at the Contract Unit Price per **cubic yard**. Measurement and payment and the Work included and required by this item are described herein, on the plans and according to the MDOT 2020 Standard Specifications for Construction.

This work will be performed at locations where required and as shown on the construction drawing.

Excavation, Earth

This bid item shall be paid for at the Contract Unit Price per **cubic yard**. Measurement and payment and the Work included and required by this item are described herein, on the plans and according to the MDOT 2020 Standard Specifications for Construction.

This work will be performed at locations where required and as shown on the construction drawing.

Machine Grading

This bid item shall be paid for at the Contract Unit Price per **station**. Measurement and payment and the Work included and required by this item are described herein, on the plans and according to the MDOT 2020 Standard Specifications for Construction.

This work will be performed at locations where required and as shown on the construction drawings.

Erosion Control, Silt Fence

This bid item shall be paid for at the Contract Unit Price per **lineal foot**. Work included and required by this item are described herein and on the plans.

This work will be performed at locations where required and as shown on the construction drawings.

Aggregate Base, 6 inch

This bid item shall be paid for at the Contract Unit Price per **square yard**. Measurement and payment and the Work included and required by this item are described herein and on the plans.

This work will be performed at locations where required and as shown on the construction drawing.

Sewer, CI IV, 12 inch, Tr Det A

This bid item shall be paid for at the Contract Unit Price per **lineal foot**. Measurement and payment and the Work included and required by this item are described herein, on the plans and according to the MDOT 2020 Standard Specifications for Construction.

This work will be performed at locations where required and as shown on the construction drawing.

Sewer, CI IV, 12 inch, Tr Det B

This bid item shall be paid for at the Contract Unit Price per **lineal foot**. Measurement and payment and the Work included and required by this item are described herein, on the plans and according to the MDOT 2020 Standard Specifications for Construction.

This work will be performed at locations where required and as shown on the construction drawing.

Video Taping Sewer and Culv Pipe

This bid item shall be paid for at the Contract Unit Price per **lineal foot**. Measurement and payment and the Work included and required by this item are described herein, on the plans and according to the MDOT 2020 Standard Specifications for Construction.

This work will be performed at locations where required and as shown on the construction drawings.

Catch Basin, Removal and Relocation

This bid item shall be paid for at the Contract Unit Price per **each**. Measurement and payment and the Work included and required by this item are described herein, and in the plans.

This work will be performed at locations where required and as shown on the construction drawings.

Catch Basin, Special, 48 inch dia

This bid item shall be paid for at the Contract Unit Price per **each**. Measurement and payment and the Work included and required by this item are described herein, on the plans, and in section 02737.

This work will be performed at locations where required and as shown on the construction drawings.

Dr Structure Cover, Adj, Case 1, Modified

This bid item shall be paid for at the Contract Unit Price per **each**. Measurement and payment and the Work included and required by this item are described herein, on the plans and in section 02739.

This work will be performed at locations where required and as shown on the construction drawings.

Dr Structure Cover, Type K, Modified

This bid item shall be paid for at the Contract Unit Price per **each**. Measurement and payment and the Work included and required by this item are described herein, on the plans and in section 02738.

This work will be performed at locations where required and as shown on the construction drawings.

Leaching Basin, 72 inch dia

This bid item shall be paid for at the Contract Unit Price per **each**. Measurement and payment and the Work included and required by this item are described herein, on the plans, and in section 02735.

This work will be performed at locations where required and as shown on the construction drawings.

Sanitary Manhole Cover

This bid item shall be paid for at the Contract Unit Price per **each**. Measurement and payment and the Work included and required by this item are described herein and on the plans.

This work will be performed at locations where required and as shown on the construction drawings.

Underdrain, Subgrade, Open-Graded, 12 inch

This bid item shall be paid for at the Contract Unit Price per **lineal foot**. Measurement and payment and the Work included and required by this item are described herein, on the plans and according to the MDOT 2020 Standard Specifications for Construction.

This work will be performed at locations where required and as shown on the construction drawing.

HMA surface, Rem

This bid item shall be paid for at the Contract Unit Price per **square yard**. Measurement and payment and the Work included and required by this item are described herein, on the plans and according to the MDOT 2020 Standard Specifications for Construction.

This work will be performed at locations where required and as shown on the construction drawings.

HMA, 4EML

This bid item shall be paid for at the Contract Unit Price per **ton**. Measurement and payment and the Work included and required by this item are described herein, on the plans and according to the MDOT 2020 Standard Specifications for Construction.

This work will be performed at locations where required and as shown on the construction drawings.

Curb and Gutter, Conc, Det F4

This bid item shall be paid for at the Contract Unit Price per **lineal foot**. Measurement and payment and the Work included and required by this item are described herein, on the plans and according to the MDOT 2020 Standard Specifications for Construction.

This work will be performed at locations where required and as shown on the construction drawings.

Post, Steel, 3 lb

This bid item shall be paid for at the Contract Unit Price per **lineal foot**. Measurement and payment and the Work included and required by this item are described herein, on the plans and according to the MDOT 2020 Standard Specifications for Construction.

This work will be performed at locations where required and as shown on the construction drawings.

Sign, Type III, Erect, Salv

This bid item shall be paid for at the Contract Unit Price per **each**. Measurement and payment and the Work included and required by this item are described herein, on the plans and according to the MDOT 2020 Standard Specifications for Construction.

This work will be performed at locations where required and as shown on the construction drawings.

Sign, Type III, Rem

This bid item shall be paid for at the Contract Unit Price per **each**. Measurement and payment and the Work included and required by this item are described herein, on the plans and according to the MDOT 2020 Standard Specifications for Construction.

This work will be performed at locations where required and as shown on the construction drawings.

Sign, Type IIIB

This bid item shall be paid for at the Contract Unit Price per **square foot**. Measurement and payment and the Work included and required by this item are described herein, on the plans and according to the MDOT 2020 Standard Specifications for Construction.

This work will be performed at locations where required and as shown on the construction drawings.

Reflective Panel for Permanent Sign Support, 6 foot

This bid item shall be paid for at the Contract Unit Price per **each**. Measurement and payment and the Work included and required by this item are described herein, on the plans and according to the MDOT 2020 Standard Specifications for Construction.

This work will be performed at locations where required and as shown on the construction drawings.

Pavt Mrkg, Waterborne, 4 inch, Yellow

This bid item shall be paid for at the Contract Unit Price per **lineal foot**. Measurement and payment and the Work included and required by this item are described herein, on the plans and according to the MDOT 2020 Standard Specifications for Construction.

This work will be performed at locations where required and as shown on the construction drawings.

Gate Valve and Box, 8 inch

This bid item shall be paid for at the Contract Unit Price per **each**. Measurement and payment and the Work included and required by this item are described herein, on the plans and according to the MDOT 2020 Standard Specifications for Construction.

This work will be performed at locations where required and as shown on the construction drawings.

Gate Valve and Box, 12 inch

This bid item shall be paid for at the Contract Unit Price per **each**. Measurement and payment and the Work included and required by this item are described herein, on the plans and according to the MDOT 2020 Standard Specifications for Construction.

This work will be performed at locations where required and as shown on the construction drawings.

Water Main, 8 inch, Cut and Plug

This bid item shall be paid for at the Contract Unit Price per **each**. Measurement and payment and the Work included and required by this item are described herein, on the plans and according to the MDOT 2020 Standard Specifications for Construction.

This work will be performed at locations where required and as shown on the construction drawings.

Live Tap, 12 inch by 16 inch

This bid item shall be paid for at the Contract Unit Price per **each**. Measurement and payment and the Work included and required by this item are described herein, on the plans and according to the MDOT 2020 Standard Specifications for Construction.

This work will be performed at locations where required and as shown on the construction drawings.

Gate Box, Adj, Case 1

This bid item shall be paid for at the Contract Unit Price per **each**. Measurement and payment and the Work included and required by this item are described herein, on the plans and according to the MDOT 2020 Standard Specifications for Construction.

This work will be performed at locations where required and as shown on the construction drawings.

Water Main, DI, 12 inch, Tr Det G

This bid item shall be paid for at the Contract Unit Price per **lineal foot**. Measurement and payment and the Work included and required by this item are described herein, on the plans, and in section 02663.

This work will be performed at locations where required and as shown on the construction drawings.

Water Main, DI, 8 inch, Tr Det G

This bid item shall be paid for at the Contract Unit Price per **lineal foot**. Measurement and payment and the Work included and required by this item are described herein, on the plans, and in section 02663.

This work will be performed at locations where required and as shown on the construction drawings.

Bend, 12 inch, 22.5 degree, DI MJ

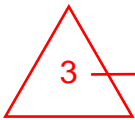
This bid item shall be paid for at the Contract Unit Price per **each**. Measurement and payment and the Work included and required by this item are described herein, on the plans, and in section 02663.

This work will be performed at locations where required and as shown on the construction drawings.

Bend, 12 inch, 45 degree, DI MJ

This bid item shall be paid for at the Contract Unit Price per **each**. Measurement and payment and the Work included and required by this item are described herein, on the plans, and in section 02663.

This work will be performed at locations where required and as shown on the construction drawings.



Hydrant, Rem, Modified

This bid item shall be paid for at the Contract Unit Price per **each**. Measurement and payment and the Work included and required by this item are described herein, on the plans, and in section 02670.

This work will be performed at locations where required and as shown on the construction drawings.

Hydrant, 6 inch, Standard

This bid item shall be paid for at the Contract Unit Price per **each**. Measurement and payment and the Work included and required by this item are described herein, on the plans, and in section 02671.

This work will be performed at locations where required and as shown on the construction drawings.

Reducer, 12 inch X 8 inch, DI MJ

This bid item shall be paid for at the Contract Unit Price per **each**. Measurement and payment and the Work included and required by this item are described herein, on the plans, and in section 02663.

This work will be performed at locations where required and as shown on the construction drawings.

Tee, 12 inch, X 6 inch, DI MJ

This bid item shall be paid for at the Contract Unit Price per **each**. Measurement and payment and the Work included and required by this item are described herein, on the plans, and in section 02663.

This work will be performed at locations where required and as shown on the construction drawings.

Tee, 12 inch, X 8 inch, DI MJ

This bid item shall be paid for at the Contract Unit Price per **each**. Measurement and payment and the Work included and required by this item are described herein, on the plans, and in section 02663.

This work will be performed at locations where required and as shown on the construction drawings.

Tee, 16 inch, X 12 inch, DI MJ

This bid item shall be paid for at the Contract Unit Price per **each**. Measurement and payment and the Work included and required by this item are described herein, on the plans, and in section 02663.

This work will be performed at locations where required and as shown on the construction drawings.

Sanitary Sewer, PVC, 8 inch, Tr Det B2

This bid item shall be paid for at the Contract Unit Price per **lineal feet**. Measurement and payment and the Work included and required by this item are described herein, on the plans and according to the MDOT 2020 Standard Specifications for Construction.

This work will be performed at locations where required and as shown on the construction drawings.

Sanitary Sewer, PVC, 12 inch, Tr Det B2

This bid item shall be paid for at the Contract Unit Price per **lineal feet**. Measurement and payment and the Work included and required by this item are described herein, on the plans and according to the MDOT 2020 Standard Specifications for Construction.

This work will be performed at locations where required and as shown on the construction drawings.

Sanitary Structure, 48 inch dia

This bid item shall be paid for at the Contract Unit Price per **each**. Measurement and payment and the Work included and required by this item are described herein, on the plans and according to the MDOT 2020 Standard Specifications for Construction.

This work will be performed at locations where required and as shown on the construction drawings.

Sanitary Structure Cover, Adj, Case 2

This bid item shall be paid for at the Contract Unit Price per **each**. Measurement and payment and the Work included and required by this item are described herein and on the plans.

This work will be performed at locations where required and as shown on the construction drawings.

END OF SECTION

**CITY OF MUSKEGON
SPECIAL PROVISION
FOR
HYDRANT, REM, MODIFIED**

City of Muskegon

1 of 1

HRC/LNM

DESCRIPTION:

This item consists of the labor and materials required for removing a fire hydrant assembly in accordance with Section 823 of the MDOT Standard Specifications for Construction, except as modified herein.

MATERIALS:

Backfill material shall meet the grading requirements for Granular Class II.

CONSTRUCTION METHODS:

The work covered by this special provision shall be in accordance with the applicable requirements in Section 823 of the Standard Specifications for Construction and details as shown on plans. The Contractor shall remove the hydrant assembly up to the gate valve. The gate valve assembly shall be turned off and bulkheaded. This is to ensure that the hydrant may be removed while maintaining flow in the watermain.

MEASUREMENT AND PAYMENT:

The completed work, Hydrant, Rem, Modified, including all materials, labor and equipment, will be paid for at the contract unit price for the following contract item (pay item).

PAY ITEM

PAY UNIT

Hydrant, Rem, Modified

Each