

Charter Township of Union



**Economic Development Authority Board (EDA)
Regular Meeting – Lincoln Reception Center
Tuesday, May 17, 2022, at 4:30 p.m.**

This meeting will take place in-person. To better provide for social distancing during this public meeting, **the location of the EDA Board meeting has been moved to the Lincoln Reception Center, 2300 S. Lincoln Road, Mt. Pleasant, MI 48858, which is located behind the Lux Funeral Home.** Enter at the Lux Funeral Home driveway and follow the directions signs around to the Lincoln Reception Center entrance and parking are on the south side of the building.

In the interest of creating the safest possible environment, all attendees are invited and encouraged to wear masks while in the building. Extra masks will be available for those that may need one.

AGENDA

1. CALL TO ORDER
2. ROLL CALL
3. APPROVAL OF AGENDA
4. APPROVAL OF MINUTES
- April 19, 2022
5. PRESENTATIONS
 - A. East DDA Fund and West DDA Fund FY2021 Audit Presentation - Yeo & Yeo
6. PUBLIC COMMENT
7. REPORTS
 - A. Accounts payable Approval – April
East DDA District #248 – Check Register
West DDA District #250 - None
 - B. April Financial Reports: Income / Expense Statement; Balance Sheet
East DDA District #248
West DDA District #250

C. Board Member Matrix

8. NEW BUSINESS

A. Annual Election of Officers

- Chair
- Vice-Chair

B. RFBA – Approval of contractor and bid for East Remus Rd Sidewalk project.

9. PENDING BUSINESS

10. DIRECTOR COMMENTS

11. ADJOURNMENT

Next regularly scheduled meeting Tuesday, June 21, 2022

**Charter Township of Union
Economic Development Authority Board (EDA)
Regular Board Meeting
Tuesday, April 19, 2022**

MINUTES

A regular meeting of the Charter Township of Union Economic Development Authority was held on April 19, 2022, at 4:30 p.m. at Lincoln Reception Center 2300 S Lincoln Road, Mt. Pleasant, MI 48858.

Meeting was called to order at 5:06 p.m.

ROLL CALL

Present:

Bacon

Mielke

Zalud

Kequom (arrived at 5:05pm)

Sweet

Excused: Coyne

Absent (unexcused) Hunter, Barz, Figg

Others Present: Rodney Nanney – Community & Economic Development Director, Sherrie Teall – Finance Director, Amy Peak – Building Services Clerk,

APPROVAL OF AGENDA

MOTION by **Mielke** SUPPORTED by **Sweet** to APPROVE the agenda as presented. **MOTION CARRIED 5-0.**

APPROVAL OF MINUTES

MOTION by **Bacon** SUPPORTED by **Sweet** to APPROVE minutes from the March 15, 2022, meeting with a spelling correction. **MOTION CARRIED 5-0.**

PRESENTATIONS – None

PUBLIC COMMENT – No public comment offered.

REPORTS - None

ACCOUNTS PAYABLE/ FINANCIAL STATEMENTS

Finance Director, Sherrie Teall reviewed the accounts payable for the East DDA.

MOTION by **Zalud** SUPPORTED by **Mielke** to APPROVE the East DDA payables 3/16/22 – 4/19/22 in the amount of \$8,005.20 as presented. **MOTION CARRIED 5-0.**

Finance Director, Sherrie Teall reviewed the accounts payable for the West DDA.

MOTION by **Zalud** SUPPORTED by **Sweet** to APPROVE the West DDA payables 3/16/22 – 4/19/22 in the amount of \$150.00 as presented. **MOTION CARRIED 5-0.**

Finance Director, Sherrie Teall reviewed revenues and expenditures through 3/31/22. Financial reports were RECEIVED AND FILED by Chair Kequom

NEW BUSINESS

- A. **RFBA – To approve Participation Agreement with Board of Trustees for funding to support installation of paved shoulders as part of the S Lincoln Rd / E Broomfield Rd improvement project.**

Community and Economic Development Director reviewed Request for Board Action. Discussion held.

MOTION by **Zalud** SUPPORTED by **Bacon**, to approve a Participation Agreement with the Charter Township of Union Board of Trustees for funding to support installation of paved shoulders as part of the reconstruction of S. Lincoln Road from the Chippewa River bridge south to and including the E. Broomfield Road intersection, in the amount of \$120,594.00, and to authorize the EDA Board Chair to sign the Agreement. **5 – YES, 0 – NO, 4 – ABSENT. MOTION CARRIED.**

PENDING BUSINESS

- A. Community & Economic Development Director, Rodney Nanney gave update on E. Pickard Rd (M-20) Construction Project. Round-a-bouts will be delayed until 2026 and additional impacts the upcoming construction will have on the irrigation system on Pickard.
- B. Community & Economic Development Director, Rodney Nanney started discussion to continue utilizing the Lincoln Reception Center or moving back to Union Township Hall starting in July. All Board members present agreed to move back to Union Township Hall starting in July.

DIRECTOR COMMENTS - None

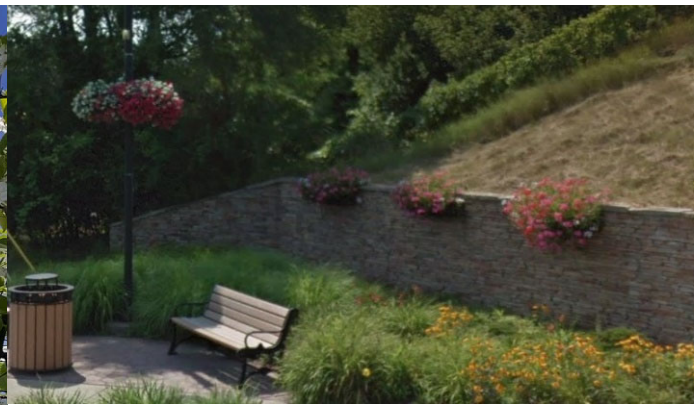
BOARD COMMENTS – None

Next regular EDA meeting to be held on Tuesday, May 17, 2022.
Meeting adjourned by Chair Kequom at 5:35 p.m.

APPROVED BY

Chair Kequom

(Recorded by Amy Peak)



Charter Township of Union East and West DDA Audit Results December 31, 2021

Presented by

Ali N. Barnes, CPA, CGFM

(989) 463-6108

alibar@yeoandyeo.com



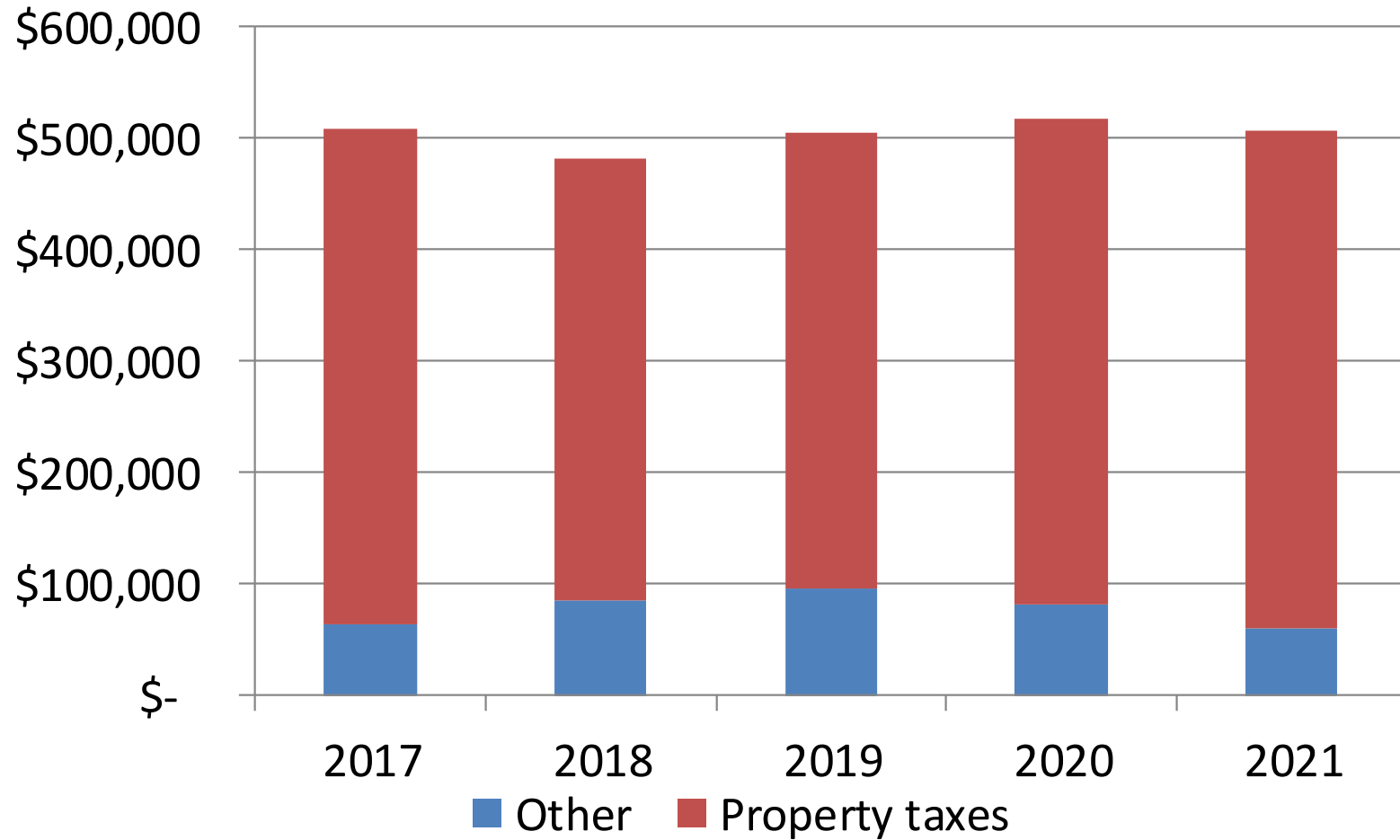


- Unmodified Opinion
 - Highest level of assurance
 - The financial records and statements are fairly and appropriately presented, and in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Charter Township of Union Downtown Development Authorities



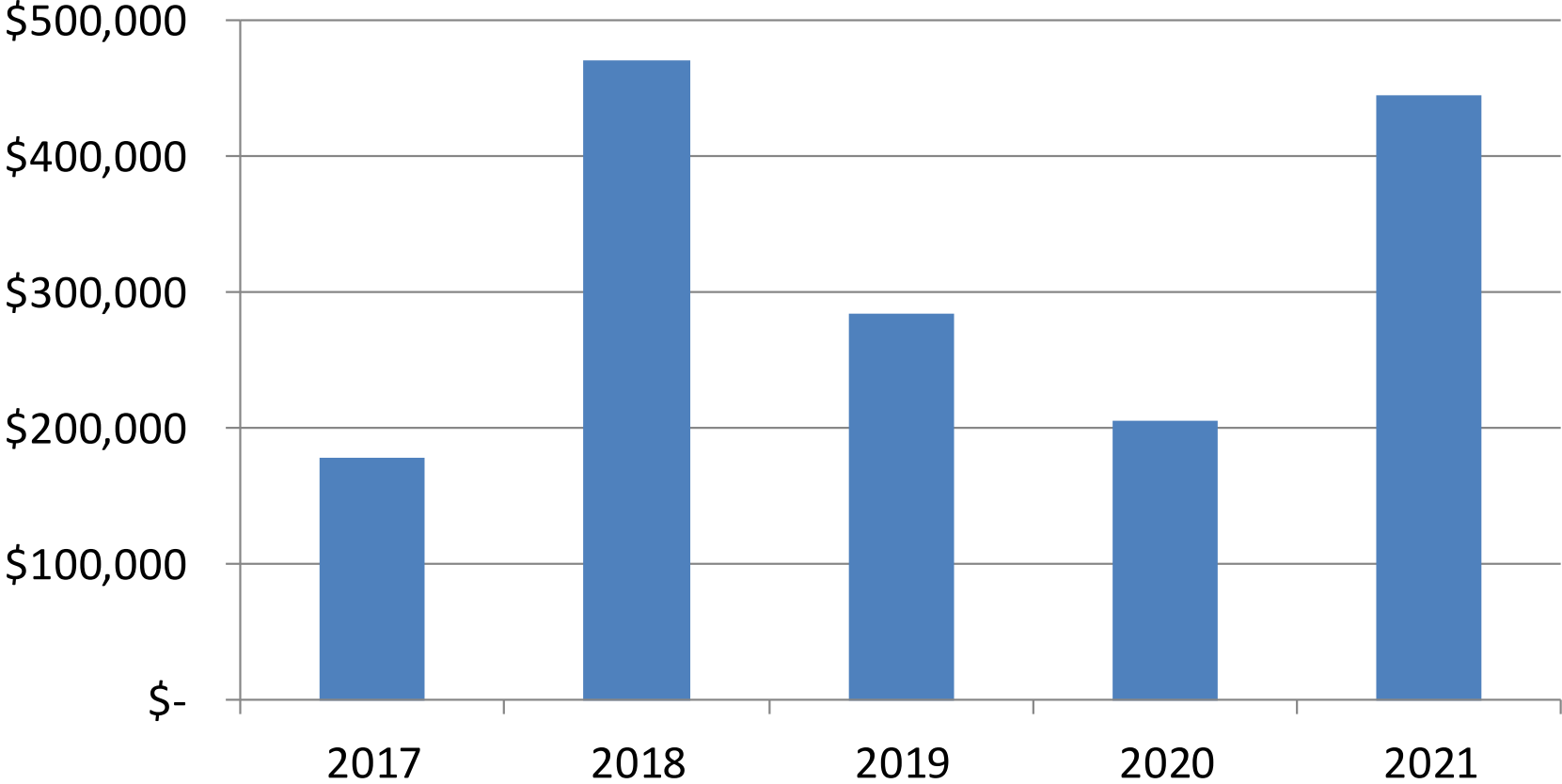
East DDA Revenues



Charter Township of Union Downtown Development Authorities



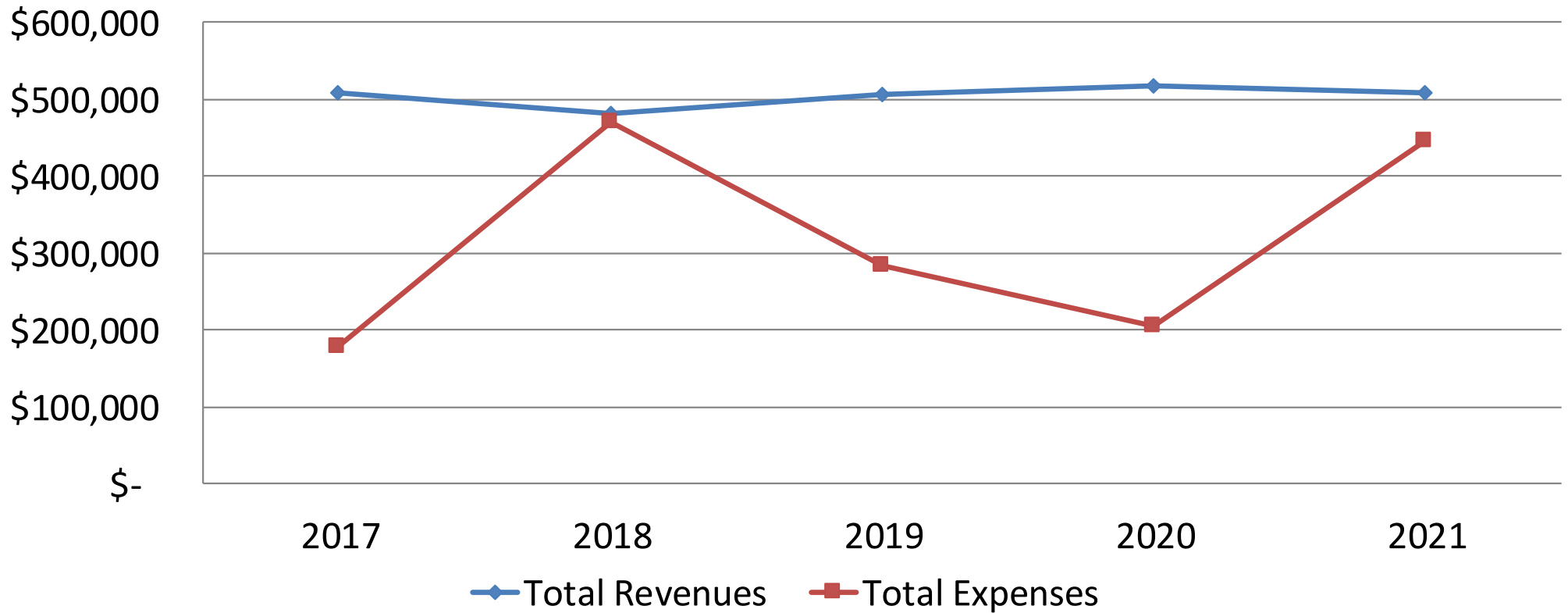
East DDA Expenditures



Charter Township of Union Downtown Development Authorities



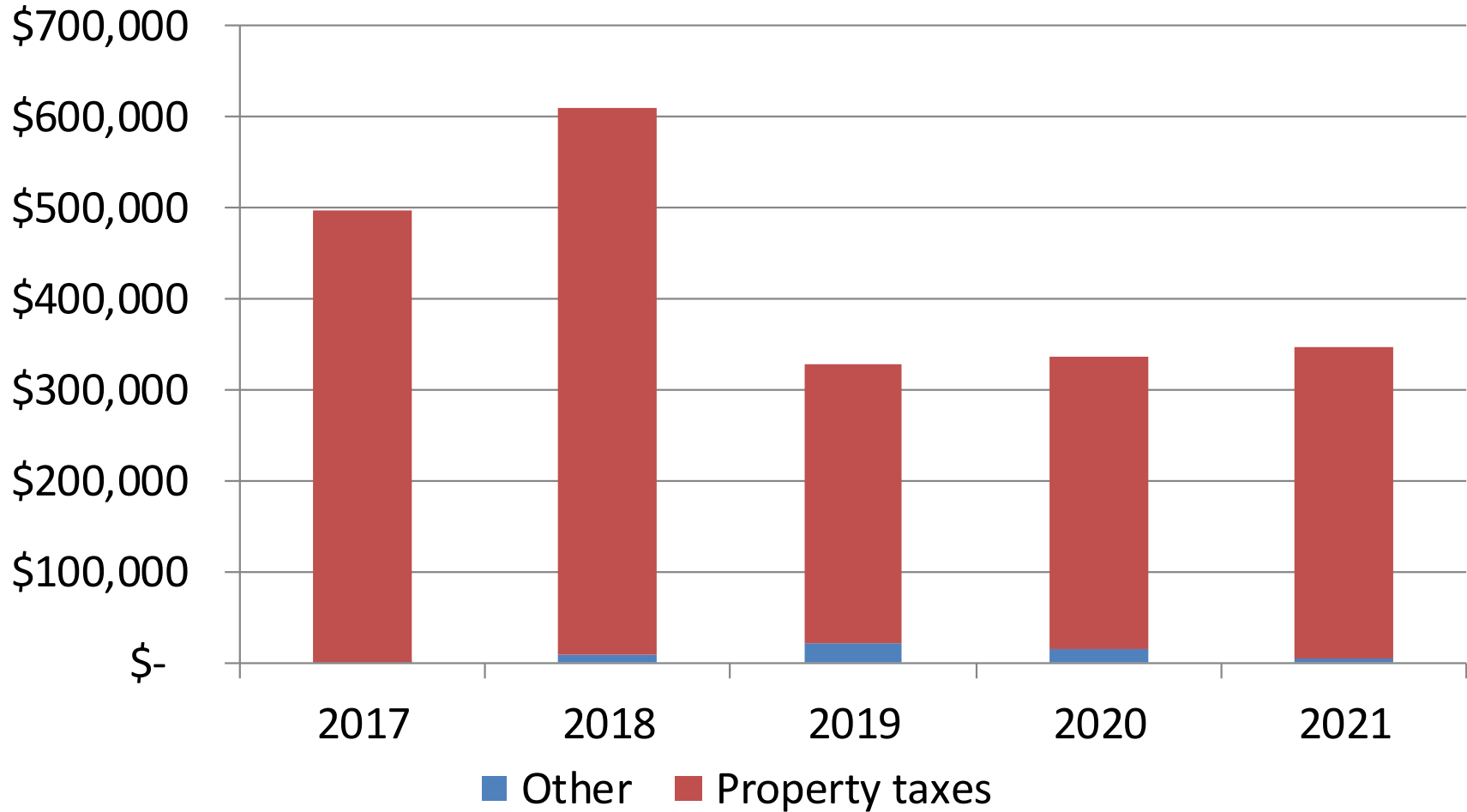
East DDA



Charter Township of Union Downtown Development Authorities



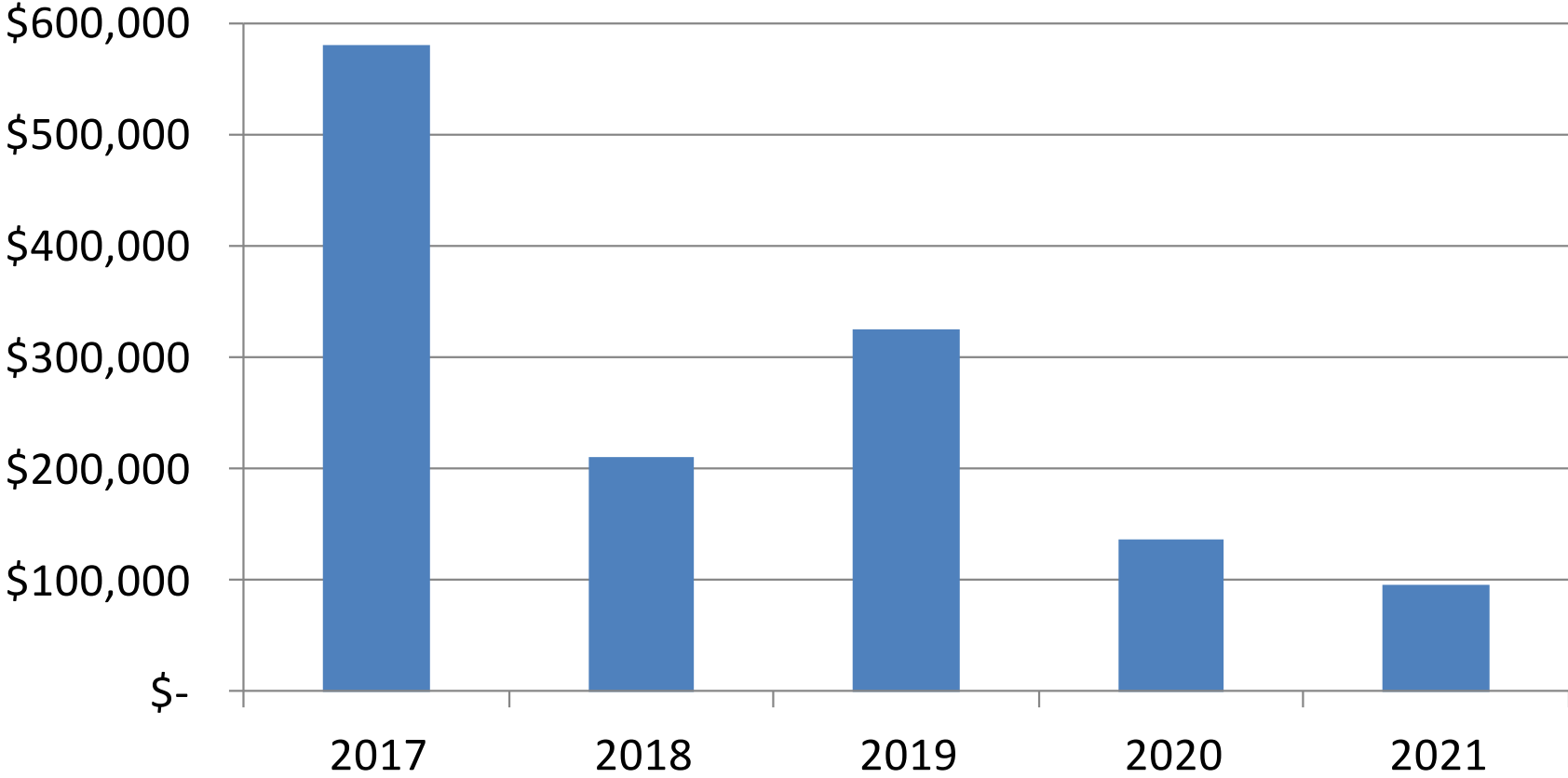
West DDA Revenues



Charter Township of Union Downtown Development Authorities



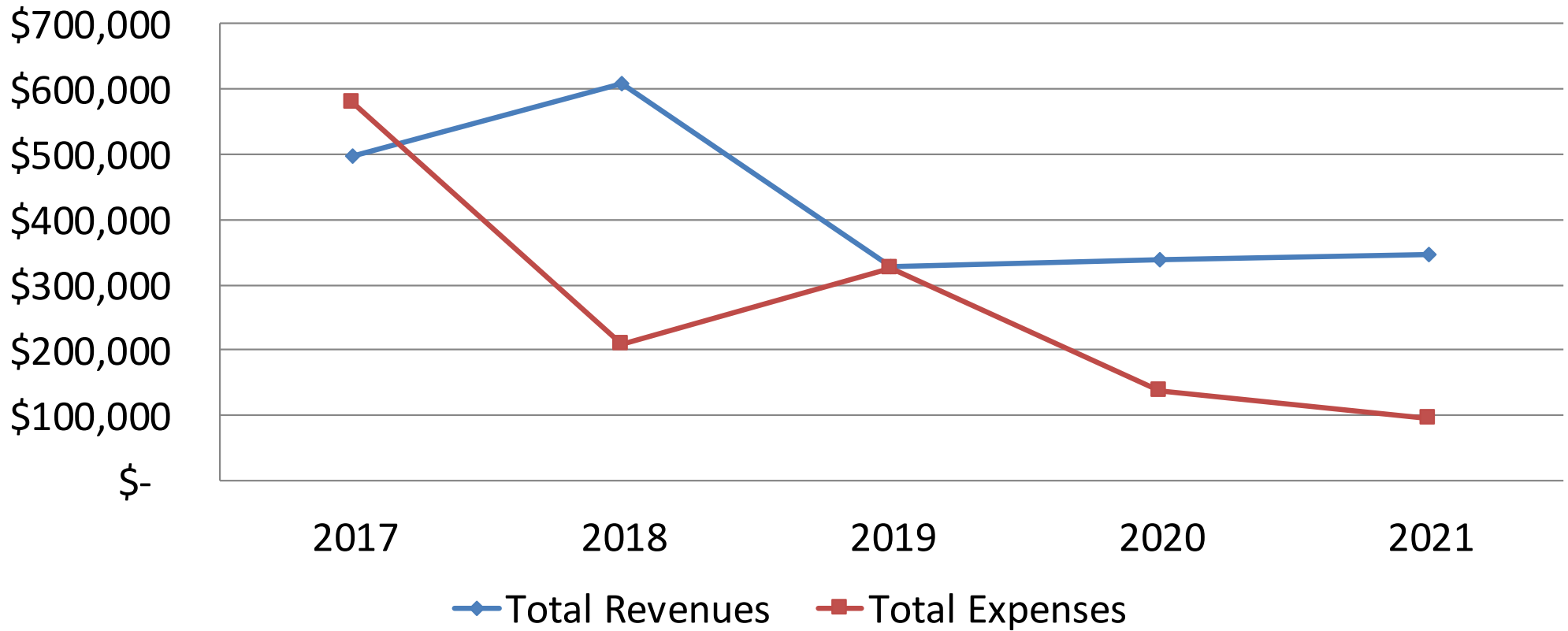
West DDA Expenditures



Charter Township of Union Downtown Development Authorities



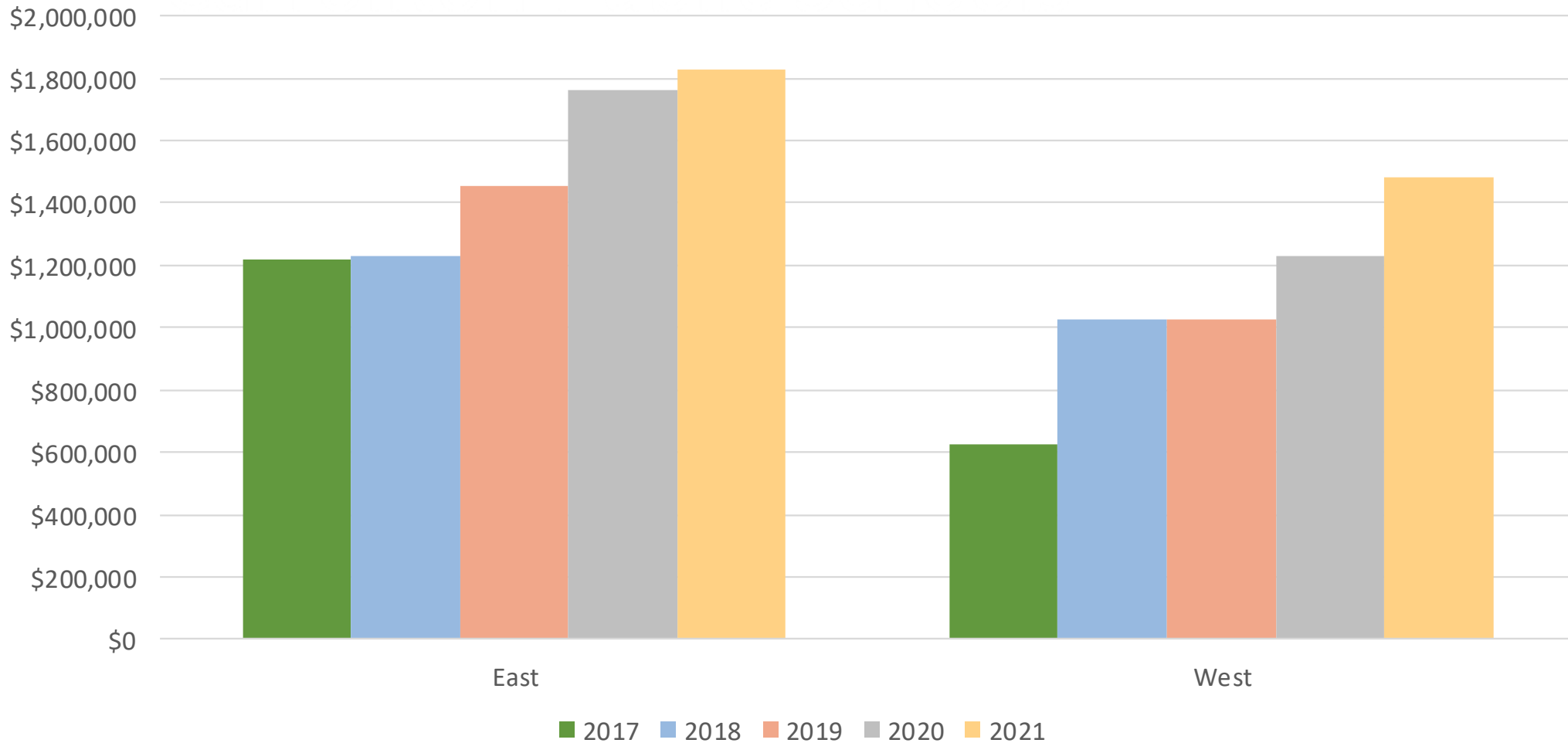
West DDA



Charter Township of Union Downtown Development Authorities



Net Position





No Material Weaknesses

No Significant Deficiencies

05/11/2022 03:02 PM
 User: SHERRIE
 DB: Union

CHECK REGISTER FOR CHARTER TOWNSHIP OF UNION
 CHECK DATE FROM 04/20/2022 - 05/17/2022

Check Date	Bank	Check	Vendor	Vendor Name	Description	Amount
Bank 248 EDDA CHECKING						
05/12/2022	248	90 (E)	00146	CONSUMERS ENERGY	1940 S. ISABELLA RD. 2027 FLORENCE ST 4923 E PICKARD ST 4675 E PICKARD ST 4592 E PICKARD ST STE B 4592 E PICKARD ST STE A 5771 E PICKARD RD STE B 5771 E PICKARD RD STE A 5770 E PICKARD ST STE B 5770 E PICKARD ST STE A 5325 E PICKARD ST 2029 2ND ST 5157 E PICKARD ST STE B 5157 E PICKARD ST STE A 4900 E PICKARD ST	49.24 32.49 39.47 33.14 29.24 44.49 29.95 40.02 30.09 49.62 62.73 60.98 30.09 25.61 32.70
						589.86
05/17/2022	248	4272	00072	BLOCK ELECTRIC	REPLACE LIGHT POLE BASE ON PICKARD	130.00
05/17/2022	248	4273	00188	DOUG'S SMALL ENGINE	PLOW SIDEWALKS 12-23-2021 PLOW SIDEWALKS 1-2-2022 PLOW SIDEWALKS 1-6-2022 SNOW PLOW SIDEWALKS 1-24-2022 SNOW PLOW SIDEWALKS 2-3-22 SNOW PLOW SIDEWALKS 2-19-2022 SNOW PLOW SIDEWALKS 2-25-2022 SNOW PLOW SIDEWALKS 3-7-2022	700.00 700.00 700.00 700.00 700.00 700.00 700.00 700.00
						5,600.00
05/17/2022	248	4274	01741	GOENNER LAWCARE LLC	SPRING CLEANING &MOWING ON PICKARD	2,450.00
05/17/2022	248	4275	00450	M M I	PARK BENCH/GROUNDS MAINT-APR 2022	460.00
05/17/2022	248	4276	00538	PRICE MINI STORAGE	ANNUAL STORAGE LEASE 04/01/22-04/01/23	660.00

248 TOTALS:

Total of 6 Disbursements:

9,889.86

PERIOD ENDING 04/30/2022

GL NUMBER	DESCRIPTION	YTD BALANCE		2022		YTD BALANCE		% BDGT USED
		NORMAL	(ABNORMAL)	ORIGINAL BUDGET	2022 AMENDED BUDGET	NORMAL	(ABNORMAL)	
Fund 248 - EAST DDA FUND								
Revenues								
Dept 000 - NONE								
248-000-402.000	CURRENT PROPERTY TAX	466,608.87		468,000.00	468,000.00		0.00	0.00
248-000-402.001	PROPERTY TAX REFUNDS-BOR MTT	0.00		(4,000.00)	(4,000.00)		0.00	0.00
248-000-402.100	PRIOR YEARS PROPERTY TAXES	0.00		(250.00)	(250.00)		0.00	0.00
248-000-420.000	DELQ PERSONAL PROPERTY CAPT	0.00		300.00	300.00		0.00	0.00
248-000-445.000	INTEREST ON TAXES	0.00		500.00	500.00		0.00	0.00
248-000-573.000	STATE AID REVENUE-LCSA	0.00		56,000.00	56,000.00		0.00	0.00
248-000-665.000	INTEREST EARNED	2,247.83		4,800.00	4,800.00		654.27	13.63
248-000-671.000	OTHER REVENUE	0.00		100.00	100.00		14,820.00	4,820.00
Total Dept 000 - NONE		468,856.70		525,450.00	525,450.00		15,474.27	2.94
TOTAL REVENUES		468,856.70		525,450.00	525,450.00		15,474.27	2.94
Expenditures								
Dept 000 - NONE								
248-000-801.000	PROFESSIONAL & CONTRACTUAL SERVICES	8,576.00		15,270.00	15,270.00		4,180.50	27.38
248-000-801.001	MAINT- BENCHES/TRASH RECEPTACLES	0.00		5,000.00	5,000.00		0.00	0.00
248-000-801.003	SIDEWALK SNOWPLOWING	5,900.00		11,000.00	11,000.00		5,600.00	50.91
248-000-801.004	RIGHT OF WAY LAWN CARE	0.00		23,000.00	23,000.00		2,450.00	10.65
248-000-801.005	IRRIGATION / LIGHTING REPAIRS	86.84		35,000.00	35,000.00		6,774.70	19.36
248-000-801.007	FLOWER / LANDSCAPE MAINTENANCE	0.00		21,000.00	21,000.00		0.00	0.00
248-000-801.015	STREET LIGHT BANNERS/CHRISTMAS	4,700.00		21,960.00	21,960.00		4,630.00	21.08
248-000-826.000	LEGAL FEES	0.00		2,000.00	2,000.00		0.00	0.00
248-000-880.000	COMMUNITY PROMOTION	0.00		10,000.00	10,000.00		0.00	0.00
248-000-883.000	COMMUNITY IMPROVEMENT GRANTS	0.00		40,000.00	40,000.00		0.00	0.00
248-000-900.000	PRINTING & PUBLISHING	0.00		250.00	250.00		0.00	0.00
248-000-915.000	MEMBERSHIP & DUES	152.50		500.00	500.00		0.00	0.00
248-000-917.000	WATER & SEWER CHARGES	0.00		17,000.00	17,000.00		0.00	0.00
248-000-920.000	ELECTRIC/NATURAL GAS	5,458.33		14,000.00	14,000.00		4,447.16	31.77
248-000-935.000	PROPERTY/LIABILITY INSURANCE	1,391.61		1,800.00	1,800.00		1,528.22	84.90
248-000-940.000	LEASE/RENT	600.00		700.00	700.00		1,135.00	162.14
248-000-955.000	MISC.	0.00		100.00	100.00		0.00	0.00
Total Dept 000 - NONE		26,865.28		218,580.00	218,580.00		30,745.58	14.07
Dept 336 - FIRE DEPARTMENT								
248-336-830.000	PUBLIC SAFETY - FIRE PROTECTION	0.00		81,200.00	81,200.00		0.00	0.00
Total Dept 336 - FIRE DEPARTMENT		0.00		81,200.00	81,200.00		0.00	0.00
Dept 728 - ECONOMIC DEVELOPMENT								
248-728-967.300	SEWER SYSTEM PROJECTS	0.00		435,000.00	435,000.00		0.00	0.00
248-728-967.400	STREET/ROAD PROJECTS	0.00		250,000.00	250,000.00		0.00	0.00
248-728-967.500	SIDEWALK/PATHWAY PROJECTS	0.00		175,000.00	175,000.00		0.00	0.00
248-728-967.600	PARKS PROJECTS	19,714.91		10,000.00	10,000.00		0.00	0.00
248-728-974.000	CAPITAL OUTLAY-LAND IMPROVEMENTS	0.00		90,000.00	90,000.00		73.82	0.08
Total Dept 728 - ECONOMIC DEVELOPMENT		19,714.91		960,000.00	960,000.00		73.82	0.01
TOTAL EXPENDITURES		46,580.19		1,259,780.00	1,259,780.00		30,819.40	2.45

User: SHERRIE

DB: Union

PERIOD ENDING 04/30/2022

GL NUMBER	DESCRIPTION	YTD BALANCE		2022		YTD BALANCE		% BDGT USED
		04/30/2021	NORMAL (ABNORMAL)	ORIGINAL BUDGET	2022 AMENDED BUDGET	04/30/2022	NORMAL (ABNORMAL)	
Fund 248 - EAST DDA FUND								
Fund 248 - EAST DDA FUND:								
	TOTAL REVENUES	468,856.70		525,450.00	525,450.00	15,474.27		2.94
	TOTAL EXPENDITURES	46,580.19		1,259,780.00	1,259,780.00	30,819.40		2.45
	NET OF REVENUES & EXPENDITURES	422,276.51		(734,330.00)	(734,330.00)	(15,345.13)		2.09

Fund 248 EAST DDA FUND

GL Number	Description	Balance
*** Assets ***		
248-000-001.000	CASH	15,571.30
248-000-002.000	SAVINGS	1,014,195.66
248-000-003.001	CERTIFICATE OF DEPOSIT	534,246.76
Total Assets		1,564,013.72
*** Liabilities ***		
248-000-202.000	ACCOUNTS PAYABLE	9,300.00
248-000-214.101	DUE TO GENERAL FUND	19,152.53
Total Liabilities		28,452.53
*** Fund Balance ***		
248-000-370.379	RESTRICTED FUND BALANCE	1,550,906.32
Total Fund Balance		1,550,906.32
Beginning Fund Balance		1,550,906.32
Net of Revenues VS Expenditures		(15,345.13)
Ending Fund Balance		1,535,561.19
Total Liabilities And Fund Balance		1,564,013.72

Fund 250 WEST DDA FUND

GL Number	Description	Balance
*** Assets ***		
250-000-001.000	CASH	816.82
250-000-002.000	SAVINGS	521,062.09
250-000-002.001	SHARES	53.70
250-000-003.001	CERTIFICATE OF DEPOSIT	950,488.86
Total Assets		1,472,421.47
*** Liabilities ***		
250-000-214.101	DUE TO GENERAL FUND	88.23
Total Liabilities		88.23
*** Fund Balance ***		
250-000-370.379	RESTRICTED FUND BALANCE	1,474,497.80
Total Fund Balance		1,474,497.80
Beginning Fund Balance		1,474,497.80
Net of Revenues VS Expenditures		(2,164.56)
Ending Fund Balance		1,472,333.24
Total Liabilities And Fund Balance		1,472,421.47

Board Expiration Dates

Planning Commission Board Members (9 Members) 3 year term			
#	F Name	L Name	Expiration Date
1-BOT Representative	James	Thering	11/20/2024
2-Chair	Phil	Squatrito	2/15/2023
3-Vice Chair	Ryan	Buckley	2/15/2025
4-Secretary	Doug	LaBelle II	2/15/2025
5 - Vice Secretary	Tera	Albrecht	2/15/2024
6	Stan	Shingles	2/15/2024
7	Paul	Gross	2/15/2025
8	Jack	Williams	2/15/2023
9	Jessica	Lapp	2/15/2023
Zoning Board of Appeals Members (5 Members, 2 Alternates) 3 year term			
#	F Name	L Name	Expiration Date
1- PC Rep	Ryan	Buckley	2/15/2022
2 - Chair	Andy	Theisen	12/31/2022
3 - Vice Chair	Liz	Presnell	12/31/2022
4 - Secretary	vacant seat		12/31/2022
5 -	Brandon	LaBelle	12/31/2022
Alt. #1	vacant seat		12/31/2022
Alt. #2	vacant seat		2/15/2021
Board of Review (3 Members) 2 year term			
#	F Name	L Name	Expiration Date
1	Doug	LaBelle II	12/31/2022
2	Sarvjit	Chowdhary	12/31/2022
3	Bryan	Neyer	12/31/2022
Alt #1	Randy	Golden	12/31/2022
Construction Board of Appeals (3 Members) 2 year term			
#	F Name	L Name	Expiration Date
1	Colin	Herren	12/31/2023
2	Joseph	Schafer	12/31/2023
3	Andy	Theisen	12/31/2023
Hannah's Bark Park Advisory Board (2 Members from Township) 2 year term			
1	Mark	Stuhldreher	12/31/2022
2	John	Dinse	12/31/2023
Chippewa River District Library Board 4 year term			
1	Ruth	Helwig	12/31/2023
2	Lynn	Laskowsky	12/31/2025



Board Expiration Dates

EDA Board Members (9 Members) 4 year term			
#	F Name	L Name	Expiration Date
1-BOT Representative	Bryan	Mielke	11/20/2024
2	Thomas	Kequom	4/14/2023
3	James	Zalud	4/14/2023
4	Richard	Barz	2/13/2025
5	Robert	Bacon	1/13/2023
6	Marty	Figg	6/22/2022
7	Cheryl	Hunter	6/22/2023
8	Jeff	Sweet	2/13/2025
9	David	Coyne	3/26/2026
Mid Michigan Area Cable Consortium (2 Members)			
#	F Name	L Name	Expiration Date
1	Kim	Smith	12/31/2022
2	vacant seat		
Cultural and Recreational Commission (1 seat from Township) 3 year term			
#	F Name	L Name	Expiration Date
1	Robert	Sommerville	12/31/2022
Sidewalks and Pathways Prioritization Committee (2 year term -PC Appointments)			
#	F Name	L Name	Expiration Date
1 - BOT Representative	Kimberly	Rice	11/20/2024
2 - PC Representative	Stan	Shingles	2/15/2024
3 - Township Resident	Jeff	Siler	8/15/2023
4 - Township Resident	Jeremy	MacDonald	10/17/2022
5 - Member at large	Phil	Hertzler	8/15/2023
Mid Michigan Aquatic Recreational Authority (2 seat from Township) 3 year term			
#	F Name	L Name	Expiration Date
1-City of Mt. Pleasant	John	Zang	12/31/2023
2-City of Mt. Pleasant	Judith	Wagley	12/31/2022
1-Union Township	Stan	Shingles	12/31/2023
2-Union Township	Allison	Chiodini	12/31/2022
1-Mt. Pleasant Schools	Lisa	Diaz	12/31/2022

To: Economic Development Authority Board **DATE:** May 11, 2022
FROM: Rodney C. Nanney, AICP **DATE FOR CONSIDERATION:** May 17, 2022
Community and Economic Development Director

ACTIONS REQUESTED: To approve the construction contract with The Isabella Corporation in the amount of \$297,400.00 to perform all work as specified in the Bidding documents for Remus Road (M-20) Sidewalk Project to construct concrete sidewalks and ramps on both sides of E. Remus Road (M-20) from Bradley Street west through the intersection with S. Lincoln Road.

Current Action Emergency

Funds Budgeted in 2022: If Yes Account #248-728-967.500

Finance Approval _____

BACKGROUND INFORMATION

Consistent with the adopted FY2022 budget for the West DDA District, ROWE Professional Services was asked by the Community and Economic Development Director to prepare plans, secure easements, and manage the construction bidding process for a project to construct concrete sidewalks and ramps on both sides of E. Remus Road (M-20) from Bradley Street west through the intersection with S. Lincoln Road. This portion of E. Remus Road (M-20) in the West DDA District has been identified in the Township’s plans as a high priority for completion of public sidewalks consistent with the following “Ends” (desired outcomes) identified by the Board of Trustees as part of their adopted Policy 1.0: Global End:

- 1.3.1 *Safe, accessible routes for pedestrians, bicyclists, and motorized vehicles.*
- 1.4.1 *An accessible, walkable and bikeable community using the Greater Mt. Pleasant Area Non-Motorized Plan and Sidewalk and Pathways Committee recommendations as a guide*

The project was advertised for bid by ROWE in April of this year, with a closing date of May 5, 2022. One (1) bid was received by the closing date, which was from The Isabella Corporation in the amount of \$297,400.00 to perform all work as specified in the Bidding documents.

SCOPE OF SERVICES

If approved, The Isabella Corporation would construct six (6) foot wide concrete sidewalks along portions of the north and south sides of E. Remus Road (M-20) without existing sidewalks from Bradley Street west through the intersection with S. Lincoln Road, would construct curb ramps as required along the route and at the intersections, and would perform all work as specified in the Bidding documents for Remus Road (M-20) Sidewalk Project.

EVALUATION

Three (3) contractors made enquiries to ROWE during the period of time the bidding process was open, but only one (1) bid was received by the Township. Staff evaluated the bid based on a set of criteria that includes bid package completeness, price, responsiveness, attention to detail, and client feedback. The bid was found to be fully responsive and in good order. The Township has extensive experience with the consistent, efficient, and effective work of The Isabella Corporation team on various Township public infrastructure projects. It is the recommendation of staff that The Isabella Corporation be selected as the successful bidder to provide the requested sidewalk construction services.

JUSTIFICATION

The EDA invested substantial resources in the establishment and maintenance of the network of public sidewalks along E. Pickard Road (M-20) in the East DDA District, which provide year-round pedestrian access to businesses along the corridor. This project will further extend the regional network of public sidewalks to provide similar access to businesses in the West DDA District.

BOARD OF TRUSTEES GOALS ADDRESSED

Board of Trustees goals addressed (from Policy 1.0: Global End):

- 1. Community well-being and common good**
- 3. Safety**
- 4. Health**
- 6. Commerce**

The Board of Trustees has established public sidewalk construction as a high priority and an effective use of Township resources (1.0), The project will help to provide safe, accessible routes for pedestrians and bicyclists (1.3.1), and will help to further establish the Township as an accessible, walkable and bikeable community (1.4.1). The completion of this section of the regional network of sidewalks and pathways will also help to support the businesses in the West DDA District (1.6).

COSTS

The Isabella Corporation has proposed to complete the requested construction for a total fee of \$297,400.00. The FY2022 budget for the West DDA Fund currently has \$250,000.00 allocated for this project. If approved, the contract amount would be reflected in a subsequent FY2022 budget amendment, which would also be subject to Board of Trustees and EDA Board approval.

PROJECT TIMETABLE

The sidewalk construction project is planned for completion during the 2022 construction season.

RESOLUTION

To approve the construction contract with The Isabella Corporation in the amount of \$297,400.00 to perform all work as specified in the Bidding documents for Remus Road (M-20) Sidewalk Project to construct concrete sidewalks and ramps on both sides of E. Remus Road (M-20) from Bradley Street west through the intersection with S. Lincoln Road.


Resolved by _____ Seconded by _____

Yes:
No:
Absent:

EDA Chair

PROJECT: Remus Rd (M20) Sidewalk Project
OWNER: Charter Township of Union
BID DATE & TIME: May 5th at 3 p.m.
LOCATION: Township Hall

CONTRACTORS	BID BOND	TOTAL BID	ADDENDUM ACKNOWLEDGEMENT
J&N Concrete, Inc.			
Robbin Harsh Excavating			
The Isabella Corporation	X	\$297,400	X

Amy Peak 5/5/22
 5/5/22



May 9, 2022

Mr. Rodney C. Nanney, AICP
Community and Economic Development Director
Charter Township of Union
2010 South Lincoln Road
Mt. Pleasant, MI 48858

RE: Remus Rd (M-20) Sidewalk Project
Bradley Street to Lincoln Road

Dear Mr. Nanney:

Enclosed, please find a copy of the bid tabulation for the above referenced project. The bid was opened and read aloud on May 5, 2022 at 3 pm and has been reviewed and audited. The Isabella Corporation was the low bidder with a bid amount of \$297,400.00.

The Isabella Corporation has performed similar projects for other communities. We have worked with them in the past and found them to be well respected and provide quality work on time. It is my recommendation to the Charter Township of Union to award the Remus Road (M-20) Sidewalk project to The Isabella Corporation.

If you have any questions, or need additional information regarding this matter, please feel free to contact me.

Sincerely,
ROWE Professional Services Company

David E. Richmond, PE
Senior Project Manager

Enclosure

R:\Projects\21M0030\Docs\Specs or Special Provisions\For Bidding Purposes\22-05-09 Recommendation ltr.docx

Mt. Pleasant, MI: 127 S. Main Street, 48858 | Phone: (989) 772-2138

Civil Engineering | Surveying | Landscape Architecture | Aerial Imagery/Mapping | Planning

Flint, MI (HQ) | Lapeer, MI | Farmington Hills, MI | Kentwood, MI | Mt. Pleasant, MI | Grayling, MI | Myrtle Beach, SC | www.rowepsc.com

Bid Comparison

Contract ID: 21M0030
Description:
Location: Remus Road Union Township
Projects(s): 21M0030

Rank	Bidder	Total Bid	% Over Low	% Over Est.
0	ENGINEER'S ESTIMATE	\$277,462.50	-6.70%	0.00%
1	(03260) The Isabella Corporation	\$297,400.00	0.00%	7.18%

Line	Pay Item Code	Quantity	Units	(0) ENGINEER'S ESTIMATE		(1) The Isabella Corporation		Bid Price	Total
				Bid Price	Total	Bid Price	Total		
0001	155001	1	LSUM	\$15,000.00	\$15,000.00	\$10,000.00	\$10,000.00		\$0.00
	Maintaining Traffic								
0002	171001	1	LSUM	\$25,000.00	\$25,000.00	\$19,997.50	\$19,997.50		\$0.00
	Mobilization								
0003	174001	1	LSUM	\$2,000.00	\$2,000.00	\$5,000.00	\$5,000.00		\$0.00
	Cleanup and Restoration								
0004	241001	575	Ft	\$16.00	\$9,200.00	\$19.00	\$10,925.00		\$0.00
	Curb and Gutter, Rem								
0005	241005	120	Syd	\$20.00	\$2,400.00	\$25.00	\$3,000.00		\$0.00
	Pavt, Rem								
0006	241010	17	Syd	\$20.00	\$340.00	\$25.00	\$425.00		\$0.00
	Sidewalk, Rem								
0007	3123005	1	LSUM	\$30,000.00	\$30,000.00	\$63,000.00	\$63,000.00		\$0.00
	Earthwork								
0008	3125006	30	Ft	\$36.00	\$1,080.00	\$100.00	\$3,000.00		\$0.00
	Erosion Control, Check Dam, Stone								
0009	3125010	16	Ea	\$200.00	\$3,200.00	\$125.00	\$2,000.00		\$0.00
	Erosion Control, Inlet Protection, Fabric Drop								
0010	3125018	120	Ft	\$3.00	\$360.00	\$5.00	\$600.00		\$0.00
	Erosion Control, Silt Fence								
0011	3212008	118	Syd	\$80.00	\$9,440.00	\$150.00	\$17,700.00		\$0.00
	Pavt Repr, HMA								
0012	3213035	540	Ft	\$25.00	\$13,500.00	\$38.00	\$20,520.00		\$0.00
	Curb Ramp Opening, Conc								
0013	3213054	30	Ft	\$25.00	\$750.00	\$38.00	\$1,140.00		\$0.00
	Driveway Opening, Conc, Det M								
0014	3213070	120	Ft	\$30.00	\$3,600.00	\$38.00	\$4,560.00		\$0.00
	Detectable Warning Surface								

Line	Pay Item Code	Quantity	Units	(0) ENGINEER'S ESTIMATE		(1) The Isabella Corporation		Bid Price	Total
				Bid Price	Total	Bid Price	Total		
0015	3213077	1,425	Sft	\$10.00	\$14,250.00	\$9.50	\$13,537.50		\$0.00
	Sidewalk Ramp, Conc, 6 inch								
0016	3213086	19,635	Sft	\$7.00	\$137,445.00	\$5.00	\$98,175.00		\$0.00
	Sidewalk, Conc, 4 inch								
0017	3217005	815	Ft	\$2.50	\$2,037.50	\$8.00	\$6,520.00		\$0.00
	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk								
0018	3292001	1	LSUM	\$5,000.00	\$5,000.00	\$15,000.00	\$15,000.00		\$0.00
	Turf Establishment								
0019	3305020	1	Ea	\$225.00	\$225.00	\$150.00	\$150.00		\$0.00
	Curb Stop and Box, Adj, Case 1								
0020	3305030	1	Ea	\$425.00	\$425.00	\$200.00	\$200.00		\$0.00
	Gate Box, Adj, Case 1								
0021	3305040	2	Ea	\$1,000.00	\$2,000.00	\$600.00	\$1,200.00		\$0.00
	Dr Structure Cover, Adj, Case 1								
0022	3441024	3	Ea	\$20.00	\$60.00	\$200.00	\$600.00		\$0.00
	Sign, Type III, Erect, Salv								
0023	3441025	3	Ea	\$50.00	\$150.00	\$50.00	\$150.00		\$0.00
	Sign, Type III, Rem								
Bid Totals:					\$277,462.50		\$297,400.00		

Bid Comparison

Contract ID: 21M0030
Description:
Location: Remus Road Union Township
Projects(s): 21M0030

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	Sign, Type III, Rem								
Bid Totals:					\$277,462.50		\$297,400.00		

AIA Document A310™ – 2010

Bid Bond

CONTRACTOR:

(Name, legal status and address)

The Isabella Corporation
2201 Commerce Street
Mt. Pleasant, MI 48858

SURETY:

(Name, legal status and principal place of business)

Atlantic Specialty Insurance Company
605 Highway 169 North, Suite 800
Plymouth, MN 55441

OWNER:

(Name, legal status and address)

Charter Township of Union
2010 S. Lincoln Road, Mt. Pleasant, Michigan 48858

BOND AMOUNT: Five Percent (5%) of Amount Bid

PROJECT:

(Name, location or address, and Project number, if any)

Remus Road (M-20) Sidewalk

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

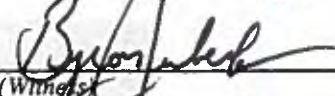
Any singular reference to Contractor, Surety, Owner or other party shall be considered plural where applicable.

The Contractor and Surety are bound to the Owner in the amount set forth above, for the payment of which the Contractor and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, as provided herein. The conditions of this Bond are such that if the Owner accepts the bid of the Contractor within the time specified in the bid documents, or within such time period as may be agreed to by the Owner and Contractor, and the Contractor either (1) enters into a contract with the Owner in accordance with the terms of such bid, and gives such bond or bonds as may be specified in the bidding or Contract Documents, with a surety admitted in the jurisdiction of the Project and otherwise acceptable to the Owner, for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof; or (2) pays to the Owner the difference, not to exceed the amount of this Bond, 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 this obligation shall be null and void, otherwise to remain in full force and effect. The Surety hereby waives any notice of an agreement between the Owner and Contractor to extend the time in which the Owner may accept the bid. Waiver of notice by the Surety shall not apply to any extension exceeding sixty (60) days in the aggregate beyond the time for acceptance of bids specified in the bid documents, and the Owner and Contractor shall obtain the Surety's consent for an extension beyond sixty (60) days.

If this Bond is issued in connection with a subcontractor's bid to a Contractor, the term Contractor in this Bond shall be deemed to be Subcontractor and the term Owner shall be deemed to be Contractor.

When this Bond has been furnished to comply with a statutory or other legal requirement in the location of the Project, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted herefrom and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. When so furnished, the intent is that this Bond shall be construed as a statutory bond and not as a common law bond.

Signed and sealed this **5th** day of **May**, 2022


(Witness)


(Witness)

The Isabella Corporation

(Principal)  (Seal)

(Title) **Jeremy Zalud - President**
Atlantic Specialty Insurance Company

(Surety)  (Seal)

(Title) **Susan L. Small, Attorney-in-Fact**

Init.

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Power of Attorney

KNOW ALL MEN BY THESE PRESENTS, that ATLANTIC SPECIALTY INSURANCE COMPANY, a New York corporation with its principal office in Plymouth, Minnesota, does hereby constitute and appoint: Alan P. Chandler, Robert Trobec, Jeffrey A. Chandler, Kathleen M. Irelan, Ian J. Donald, Wendy L. Hingson, Susan L. Small, each individually if there be more than one named, its true and lawful Attorney-in-Fact, to make, execute, seal and deliver, for and on its behalf as surety, any and all bonds, recognizances, contracts of indemnity, and all other writings obligatory in the nature thereof; provided that no bond or undertaking executed under this authority shall exceed in amount the sum of: unlimited and the execution of such bonds, recognizances, contracts of indemnity, and all other writings obligatory in the nature thereof in pursuance of these presents, shall be as binding upon said Company as if they had been fully signed by an authorized officer of the Company and sealed with the Company seal. This Power of Attorney is made and executed by authority of the following resolutions adopted by the Board of Directors of ATLANTIC SPECIALTY INSURANCE COMPANY on the twenty-fifth day of September, 2012:

Resolved: That the President, any Senior Vice President or Vice-President (each an "Authorized Officer") may execute for and in behalf of the Company any and all bonds, recognizances, contracts of indemnity, and all other writings obligatory in the nature thereof, and affix the seal of the Company thereto; and that the Authorized Officer may appoint and authorize an Attorney-in-Fact to execute on behalf of the Company any and all such instruments and to affix the Company seal thereto; and that the Authorized Officer may at any time remove any such Attorney-in-Fact and revoke all power and authority given to any such Attorney-in-Fact.

Resolved: That the Attorney-in-Fact may be given full power and authority to execute for and in the name and on behalf of the Company any and all bonds, recognizances, contracts of indemnity, and all other writings obligatory in the nature thereof, and any such instrument executed by any such Attorney-in-Fact shall be as binding upon the Company as if signed and sealed by an Authorized Officer and, further, the Attorney-in-Fact is hereby authorized to verify any affidavit required to be attached to bonds, recognizances, contracts of indemnity, and all other writings obligatory in the nature thereof.

This power of attorney is signed and sealed by facsimile under the authority of the following Resolution adopted by the Board of Directors of ATLANTIC SPECIALTY INSURANCE COMPANY on the twenty-fifth day of September, 2012:

Resolved: That the signature of an Authorized Officer, the signature of the Secretary or the Assistant Secretary, and the Company seal may be affixed by facsimile to any power of attorney or to any certificate relating thereto appointing an Attorney-in-Fact for purposes only of executing and sealing any bond, undertaking, recognizance or other written obligation in the nature thereof, and any such signature and seal where so used, being hereby adopted by the Company as the original signature of such officer and the original seal of the Company, to be valid and binding upon the Company with the same force and effect as though manually affixed.

IN WITNESS WHEREOF, ATLANTIC SPECIALTY INSURANCE COMPANY has caused these presents to be signed by an Authorized Officer and the seal of the Company to be affixed this twenty-seventh day of April, 2020.



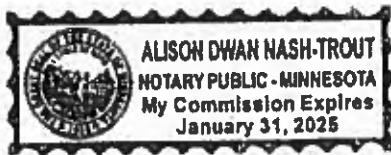
By



Paul J. Brehm, Senior Vice President

STATE OF MINNESOTA
HENNEPIN COUNTY

On this twenty-seventh day of April, 2020, before me personally came Paul J. Brehm, Senior Vice President of ATLANTIC SPECIALTY INSURANCE COMPANY, to me personally known to be the individual and officer described in and who executed the preceding instrument, and he acknowledged the execution of the same, and being by me duly sworn, that he is the said officer of the Company aforesaid, and that the seal affixed to the preceding instrument is the seal of said Company and that the said seal and the signature as such officer was duly affixed and subscribed to the said instrument by the authority and at the direction of the Company.




Notary Public

I, the undersigned, Secretary of ATLANTIC SPECIALTY INSURANCE COMPANY, a New York Corporation, do hereby certify that the foregoing power of attorney is in full force and has not been revoked, and the resolutions set forth above are now in force.

Signed and sealed. Dated 5th day of May, 2022



This Power of Attorney expires
January 31, 2025



Kara Barrow, Secretary

BID FORM FOR CONSTRUCTION CONTRACT
Remus Road (M-20) Sidewalk, Charter Township of Union

21M0030

The terms used in this Bid with initial capital letters have the meanings stated in the Instructions to Bidders, the General Conditions, and the Supplementary Conditions.

ARTICLE 1—OWNER AND BIDDER

1.01 This Bid is submitted to:
 Charter Township of Union
 2010 S. Lincoln Road
 Mt. Pleasant, MI 48858

1.02 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with Owner in the form included in the Bidding Documents to perform all Work as specified or indicated in the Bidding Documents for the prices and within the times indicated in this Bid and in accordance with the other terms and conditions of the Bidding Documents.

ARTICLE 2—ATTACHMENTS TO THIS BID

2.01 The following documents are submitted with and made a condition of this Bid:
 A. Required Bid security

ARTICLE 3—BASIS OF BID

3.01 Unit Price Bids
 A. Bidder will perform the following Work at the indicated unit prices:

Description	Unit	Estimated Quantity	Bid Unit Price	Bid Amount
Maintaining Traffic	1	LSUM	\$ 10,000.00	\$ 10,000.00
Mobilization	1	LSUM	\$ 19,997.50	\$ 19,997.50
Cleanup and Restoration	1	LSUM	\$ 5,000.00	\$ 5,000.00
Curb and Gutter, Rem	575	Ft	\$ 19.00	\$ 10,925.00
Pavt, Rem	120	Syd	\$ 25.00	\$ 3,000.00
Sidewalk, Rem	17	Syd	\$ 25.00	\$ 425.00
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Dr Structure Cover, Adj, Case 1	2	Ea	\$ 600.00	\$ 1,200.00
Sign, Type III, Erect, Salv	3	Ea	\$ 200.00	\$ 600.00
Sign, Type III, Rem	3	Ea	\$ 50.00	\$ 150.00
Total of All Unit Price Bid Items			\$	297,400.00

B. Bidder acknowledges that

1. each Bid Unit Price includes an amount considered by Bidder to be adequate to cover Contractor's overhead and profit for each separately identified item, and
2. estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all unit price Bid items will be based on actual quantities, determined as provided in the Contract Documents.

ARTICLE 4—TIME OF COMPLETION

- 4.01 Bidder agrees that the Work will be substantially complete and will be completed and ready for final payment in accordance with Paragraph 15.06 of the General Conditions on or before the dates or within the number of calendar days indicated in the Agreement.
- 4.02 Bidder accepts the provisions of the Agreement as to liquidated damages.

ARTICLE 5—BIDDER'S ACKNOWLEDGEMENTS: ACCEPTANCE PERIOD, INSTRUCTIONS, AND RECEIPT OF ADDENDA

5.01 Bid Acceptance Period

- A. This Bid will remain subject to acceptance for 60 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Owner.

5.02 Instructions to Bidders

- A. Bidder accepts all of the terms and conditions of the Instructions to Bidders, including without limitation those dealing with the disposition of Bid security.

5.03 Receipt of Addenda

- A. Bidder hereby acknowledges receipt of the following Addenda:

Addendum Number	Addendum Date
One	April 15, 2022

ARTICLE 6—BIDDER’S REPRESENTATIONS AND CERTIFICATIONS

6.01 Bidder’s Representations

A. In submitting this Bid, Bidder represents the following :

1. Bidder has examined and carefully studied the Bidding Documents, including Addenda.
2. Bidder has visited the Site, conducted a thorough visual examination of the Site and adjacent areas, and become familiar with the general, local, and Site conditions that may affect cost, progress, and performance of the Work.
3. Bidder is familiar with all Laws and Regulations that may affect cost, progress, and performance of the Work.
4. Bidder has carefully studied the reports of explorations and tests of subsurface conditions at or adjacent to the Site and the drawings of physical conditions relating to existing surface or subsurface structures at the Site that have been identified in the Supplementary Conditions, if any, with respect to the Technical Data in such reports and drawings.
5. Bidder has carefully studied the reports and drawings relating to Hazardous Environmental Conditions, if any, at or adjacent to the Site that have been identified in the Supplementary Conditions, with respect to Technical Data in such reports and drawings.
6. Bidder has considered the information known to Bidder itself; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Bidding Documents; and Technical Data identified in the Supplementary Conditions or by definition, with respect to the effect of such information, observations, and Technical Data on a) the cost, progress, and performance of the Work; b) the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder, if selected as Contractor; and c) Bidder’s (Contractor’s) safety precautions and programs.
7. Based on the information and observations referred to in the preceding paragraph, Bidder agrees that no further examinations, investigations, explorations, tests, studies, or data are necessary for the performance of the Work at the Contract Price, within the Contract Times, and in accordance with the other terms and conditions of the Contract.
8. Bidder is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Bidding Documents.
9. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents, and of discrepancies between Site conditions and the Contract Documents, and the written resolution thereof by Engineer is acceptable to Contractor.
10. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performance and furnishing of the Work.

11. The submission of this Bid constitutes an incontrovertible representation by Bidder that without exception the Bid and all prices in the Bid are premised upon performing and furnishing the Work required by the Bidding Documents.

6.02 Bidder's Certifications

- A. The Bidder certifies the following:
 1. This Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any collusive agreement or rules of any group, association, organization, or corporation.
 2. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid.
 3. Bidder has not solicited or induced any individual or entity to refrain from bidding.
 4. Bidder has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Contract. For the purposes of this Paragraph 8.02.A:
 - a. Corrupt practice means the offering, giving, receiving, or soliciting of anything of value likely to influence the action of a public official in the bidding process
 - b. Fraudulent practice means an intentional misrepresentation of facts made (a) to influence the bidding process to the detriment of Owner, (b) to establish bid prices at artificial non-competitive levels, or (c) to deprive Owner of the benefits of free and open competition.
 - c. Collusive practice means a scheme or arrangement between two or more Bidders, with or without the knowledge of Owner, a purpose of which is to establish bid prices at artificial, non-competitive levels.
 - d. Coercive practice means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the execution of the Contract.

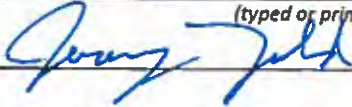
BIDDER hereby submits this Bid as set forth above:

Bidder:

The Isabella Corporation

(typed or printed name of organization)

By:



(individual's signature)

Name:

Jeremy Zalud

(typed or printed)

Title:

President

(typed or printed)

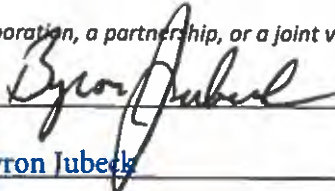
Date:

May 5, 2022

(typed or printed)

If Bidder is a corporation, a partnership, or a joint venture, attach evidence of authority to sign.

Attest:



(individual's signature)

Name:

Byron Jubeck

(typed or printed)

Title:

Project Manager

(typed or printed)

Date:

May 5, 2022

(typed or printed)

Address for giving notices:

2021 Commerce Drive

Mt. Pleasant, Michigan 48858

Bidder's Contact:

Name:

Byron Jubeck

(typed or printed)

Title:

Project Manager

(typed or printed)

Phone:

(989) 224-5038

Email:

bjubeck@isbellacorporation.com

Address:

2201 Commerce Drive

Mt. Pleasant, Michigan 48858

Bidder's Contractor License No.: (if applicable)

ADDENDUM #1
Remus Road (M-20) Sidewalk
Charter Township of Union
April 15, 2022

The following clarifications and additions are to be incorporated into the construction plans, bidding and contract documents:

Bid Form

The bid form has been modified. Revised Section C-410 is attached and shall be used for bidding. Bids submitted on the original form will not be accepted.

Drawings

Sheet 5

Replace Sidewalk Detail with the attached Sidewalk Detail.

Sheets 6 and 7

These sheets will be updated with new grading points after bid opening and prior to construction.

Sheets 10, 12, 14 and 16

All 5-foot sidewalk width dimensions shall be replaced with 6-foot width dimension. Sheet Quantity tables will be updated after bid opening and prior to construction.

Each bidder must acknowledge receipt of this addendum on page 1 of the Bid Section C-410 Article 3.01.A.

END OF ADDENDUM

Prepared by:
ROWE Professional Services Company
127 S. Main Street
Mt. Pleasant, MI 48858
(989) 772-2138

BID FORM FOR CONSTRUCTION CONTRACT
Remus Road (M-20) Sidewalk, Charter Township of Union

21M0030

The terms used in this Bid with initial capital letters have the meanings stated in the Instructions to Bidders, the General Conditions, and the Supplementary Conditions.

ARTICLE 1—OWNER AND BIDDER

- 1.01 This Bid is submitted to:
 Charter Township of Union
 2010 S. Lincoln Road
 Mt. Pleasant, MI 48858
- 1.02 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with Owner in the form included in the Bidding Documents to perform all Work as specified or indicated in the Bidding Documents for the prices and within the times indicated in this Bid and in accordance with the other terms and conditions of the Bidding Documents.

ARTICLE 2—ATTACHMENTS TO THIS BID

- 2.01 The following documents are submitted with and made a condition of this Bid:
 A. Required Bid security

ARTICLE 3—BASIS OF BID

- 3.01 Unit Price Bids
 A. Bidder will perform the following Work at the indicated unit prices:

Description	Unit	Estimated Quantity	Bid Unit Price	Bid Amount
Maintaining Traffic	1	LSUM	\$	\$
Mobilization	1	LSUM	\$	\$
Cleanup and Restoration	1	LSUM	\$	\$
Curb and Gutter, Rem	575	Ft	\$	\$
Pavt, Rem	120	Syd	\$	\$
Sidewalk, Rem	17	Syd	\$	\$
Earthwork	1	LSUM	\$	\$
Erosion Control, Check Dam, Stone	30	Ft	\$	\$
Erosion Control, Inlet Protection, Fabric Drop	16	Ea	\$	\$
Erosion Control, Silt Fence	120	Ft	\$	\$
Pavt Repr, HMA	118	Syd	\$	\$

Description	Unit	Estimated Quantity	Bid Unit Price	Bid Amount
Curb Ramp Opening, Conc	540	Ft	\$	\$
Driveway Opening, Conc, Det M	30	Ft	\$	\$
Detectable Warning Surface	120	Ft	\$	\$
Sidwalk Ramp, Conc, 6 inch	1,425	Sft	\$	\$
Sidewalk, Conc, 4 inch	19,635	Sft	\$	\$
Pavt Markg, Ovly Cold Plastic, 6 inch, Crosswalk	815	Ft	\$	\$
Turf Establishment	1	LSUM	\$	\$
Curb Stop and Box, Adj, Case 1	1	Ea	\$	\$
Gate Box, Adj, Case 1	1	Ea	\$	\$
Dr Structure Cover, Adj, Case 1	2	Ea	\$	\$
Sign, Type III, Erect, Salv	3	Ea	\$	\$
Sign, Type III, Rem	3	Ea	\$	\$
Total of All Unit Price Bid Items			\$	

B. Bidder acknowledges that

1. each Bid Unit Price includes an amount considered by Bidder to be adequate to cover Contractor's overhead and profit for each separately identified item, and
2. estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all unit price Bid items will be based on actual quantities, determined as provided in the Contract Documents.

ARTICLE 4—TIME OF COMPLETION

4.01 Bidder agrees that the Work will be substantially complete and will be completed and ready for final payment in accordance with Paragraph 15.06 of the General Conditions on or before the dates or within the number of calendar days indicated in the Agreement.

4.02 Bidder accepts the provisions of the Agreement as to liquidated damages.

ARTICLE 5—BIDDER'S ACKNOWLEDGEMENTS: ACCEPTANCE PERIOD, INSTRUCTIONS, AND RECEIPT OF ADDENDA

5.01 *Bid Acceptance Period*

- A. This Bid will remain subject to acceptance for 60 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Owner.

5.02 *Instructions to Bidders*

- A. Bidder accepts all of the terms and conditions of the Instructions to Bidders, including without limitation those dealing with the disposition of Bid security.

5.03 *Receipt of Addenda*

- A. Bidder hereby acknowledges receipt of the following Addenda:

Addendum Number	Addendum Date

ARTICLE 6—BIDDER’S REPRESENTATIONS AND CERTIFICATIONS

6.01 *Bidder’s Representations*

A. In submitting this Bid, Bidder represents the following :

1. Bidder has examined and carefully studied the Bidding Documents, including Addenda.
2. Bidder has visited the Site, conducted a thorough visual examination of the Site and adjacent areas, and become familiar with the general, local, and Site conditions that may affect cost, progress, and performance of the Work.
3. Bidder is familiar with all Laws and Regulations that may affect cost, progress, and performance of the Work.
4. Bidder has carefully studied the reports of explorations and tests of subsurface conditions at or adjacent to the Site and the drawings of physical conditions relating to existing surface or subsurface structures at the Site that have been identified in the Supplementary Conditions, if any, with respect to the Technical Data in such reports and drawings.
5. Bidder has carefully studied the reports and drawings relating to Hazardous Environmental Conditions, if any, at or adjacent to the Site that have been identified in the Supplementary Conditions, with respect to Technical Data in such reports and drawings.
6. Bidder has considered the information known to Bidder itself; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Bidding Documents; and Technical Data identified in the Supplementary Conditions or by definition, with respect to the effect of such information, observations, and Technical Data on a) the cost, progress, and performance of the Work; b) the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder, if selected as Contractor; and c) Bidder’s (Contractor’s) safety precautions and programs.
7. Based on the information and observations referred to in the preceding paragraph, Bidder agrees that no further examinations, investigations, explorations, tests, studies, or data are necessary for the performance of the Work at the Contract Price, within the Contract Times, and in accordance with the other terms and conditions of the Contract.
8. Bidder is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Bidding Documents.
9. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents, and of discrepancies between Site conditions and the Contract Documents, and the written resolution thereof by Engineer is acceptable to Contractor.
10. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performance and furnishing of the Work.

11. The submission of this Bid constitutes an incontrovertible representation by Bidder that without exception the Bid and all prices in the Bid are premised upon performing and furnishing the Work required by the Bidding Documents.

6.02 *Bidder's Certifications*

- A. The Bidder certifies the following:
 1. This Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any collusive agreement or rules of any group, association, organization, or corporation.
 2. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid.
 3. Bidder has not solicited or induced any individual or entity to refrain from bidding.
 4. Bidder has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Contract. For the purposes of this Paragraph 8.02.A:
 - a. Corrupt practice means the offering, giving, receiving, or soliciting of anything of value likely to influence the action of a public official in the bidding process
 - b. Fraudulent practice means an intentional misrepresentation of facts made (a) to influence the bidding process to the detriment of Owner, (b) to establish bid prices at artificial non-competitive levels, or (c) to deprive Owner of the benefits of free and open competition.
 - c. Collusive practice means a scheme or arrangement between two or more Bidders, with or without the knowledge of Owner, a purpose of which is to establish bid prices at artificial, non-competitive levels.
 - d. Coercive practice means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the execution of the Contract.

BIDDER hereby submits this Bid as set forth above:

Bidder:

(typed or printed name of organization)

By: _____
(individual's signature)

Name: _____
(typed or printed)

Title: _____
(typed or printed)

Date: _____
(typed or printed)

If Bidder is a corporation, a partnership, or a joint venture, attach evidence of authority to sign.

Attest: _____
(individual's signature)

Name: _____
(typed or printed)

Title: _____
(typed or printed)

Date: _____
(typed or printed)

Address for giving notices:

Bidder's Contact:

Name: _____
(typed or printed)

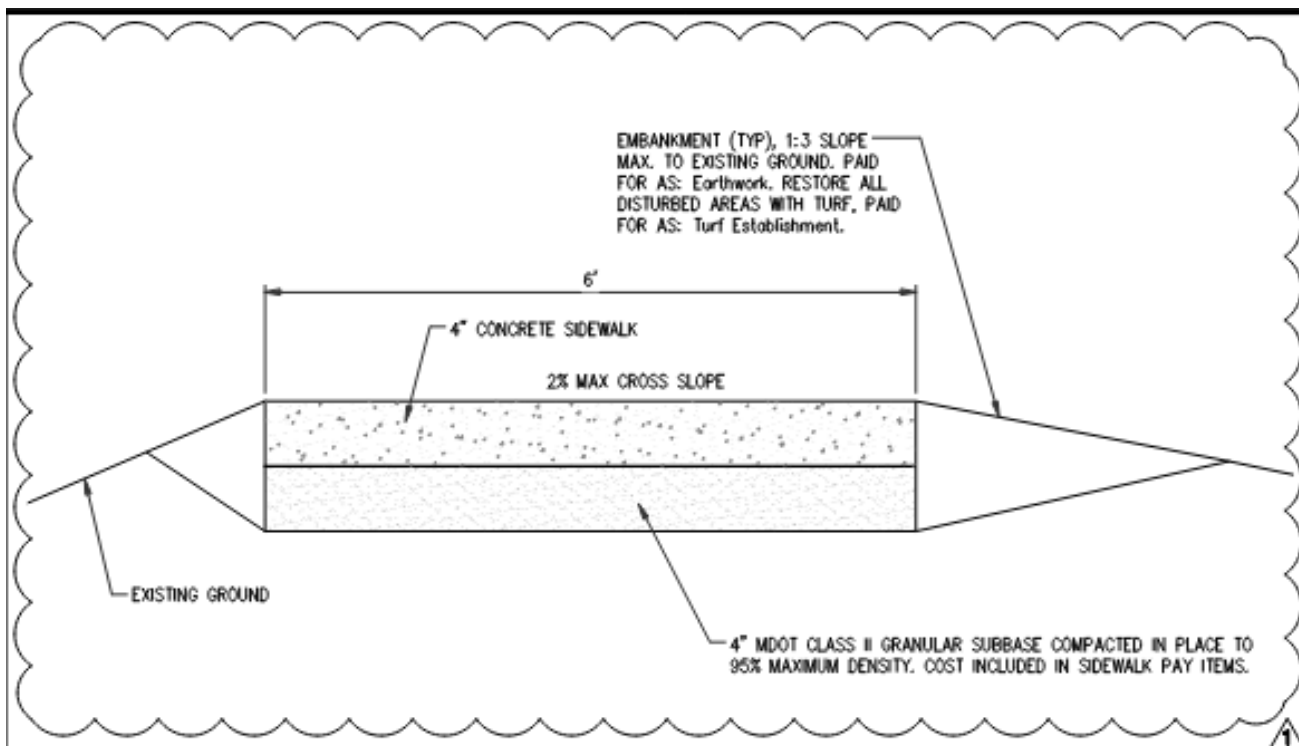
Title: _____
(typed or printed)

Phone: _____

Email: _____

Address: _____

Bidder's Contractor License No.: (if applicable) _____



NOTES:

1. SEAL ALL EXPANSION JOINTS, BUILDING TO SIDEWALK JOINTS, SIDEWALK TO BRICK JOINTS, AND CURB TO BRICK JOINTS WITH SELF LEVELING POLYURETHANE JOINT SEALANT (GRAY) OR EQUAL. EXPANSION JOINT AND SEALANT INCLUDED IN Sidewalk, Conc, 4 inch PAY ITEM.

SIDEWALK DETAIL
 NOT TO SCALE



CONSTRUCTION PLANS FOR CHARTER TOWNSHIP OF UNION REMUS ROAD (M-20) SIDEWALK SECTIONS 16 & 21, T14N R4W ISABELLA COUNTY, MICHIGAN

UTILITY CONTACT LIST

THE EXISTING UTILITIES LISTED BELOW AND SHOWN ON THESE PLANS REPRESENT THE BEST INFORMATION AVAILABLE AS OBTAINED FROM THEIR OWNERS. THIS INFORMATION DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY TO BE SATISFIED AS TO ITS ACCURACY AND THE LOCATION OF EXISTING UTILITIES.

ROADS
ISABELLA CO. ROAD COMMISSION
2261 E REMUS RD
MT PLEASANT, MI 48858
CONTACT: PAT GAFFNEY
TELEPHONE: 989-773-7131
PGAFFNEY@ISABELLARoads.COM

STORM SEWER
ISABELLA COUNTY DRAIN COMMISSION
200 N MAIN ST
MT PLEASANT, MI 48858
CONTACT: ROBERT J. WILLOUGHBY
TELEPHONE: 989-317-4072
DRAIN@ISABELLACOUNTY.ORG

SANITARY, STORM, WATER
MOUNT PLEASANT DPW
320 W BROADWAY ST
MT PLEASANT, MI 48858
CONTACT: JASON MOORE
TELEPHONE: 989-779-5405
MTPDPWMISSDIG@GMAIL.COM

ELECTRIC
CONSUMERS ENERGY CO.
530 W WILLOW ST
LANSING, MI 48906
CONTACT: KURT GOLDING
TELEPHONE: 231-929-6242
MISSDIGDESIGN@CSEENERGY.COM

GAS
WOLVERINE PIPELINE CO
8075 CREEKSIDE DR STE #210
PORTAGE, MI 49024
CONTACT: SEAN GRINDLAY
TELEPHONE: (248) 563-7640
SGRINDLAY@NSI-CONSULTING.COM

CABLE TV & TELEPHONE
CHARTER COMMUNICATIONS
1392 TRADE CENTRE DR
TRAVERSE CITY, MI 49696
CONTACT: PATRICK DELISI
TELEPHONE: 810-247-3899
PATRICK.DELISI@CHARTER.COM

FIBER & CABLE INTERNET
CMS INTERNET LLC
131 S MAIN ST
MT PLEASANT, MI 48858
CONTACT: ANDY KASDORF
TELEPHONE: 989-817-4046
MISSDIG@CMSINTER.NET

FIBER
KEPS TECHNOLOGIES INC.
DBA ACD-NET
1800 N GRAND RIVER AVE
LANSING, MI 48906
CONTACT: STEVE SCHOEN
TELEPHONE: 517-999-3251
SCHOEN.STEVE@ACD.NET

ROADS/TRAFFIC SIGNALS
MICHIGAN DEPARTMENT OF
TRANSPORTATION - MT PLEASANT TSC
1212 CORPORATE DR
MT PLEASANT, MI 48858
CONTACT: BILL MAYHEW
TELEPHONE: 989-773-7756
HALLJ20@MICHIGAN.GOV

SANITARY, STORM, WATER
UNION CHARTER TOWNSHIP
2010 S LINCOLN RD
MT PLEASANT, MI 48858
CONTACT: KIM SMITH
TELEPHONE: 989-772-4600 EXT:224
KSMITH@UNIONTOWNSHIPMI.COM

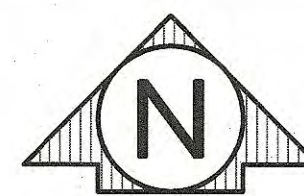
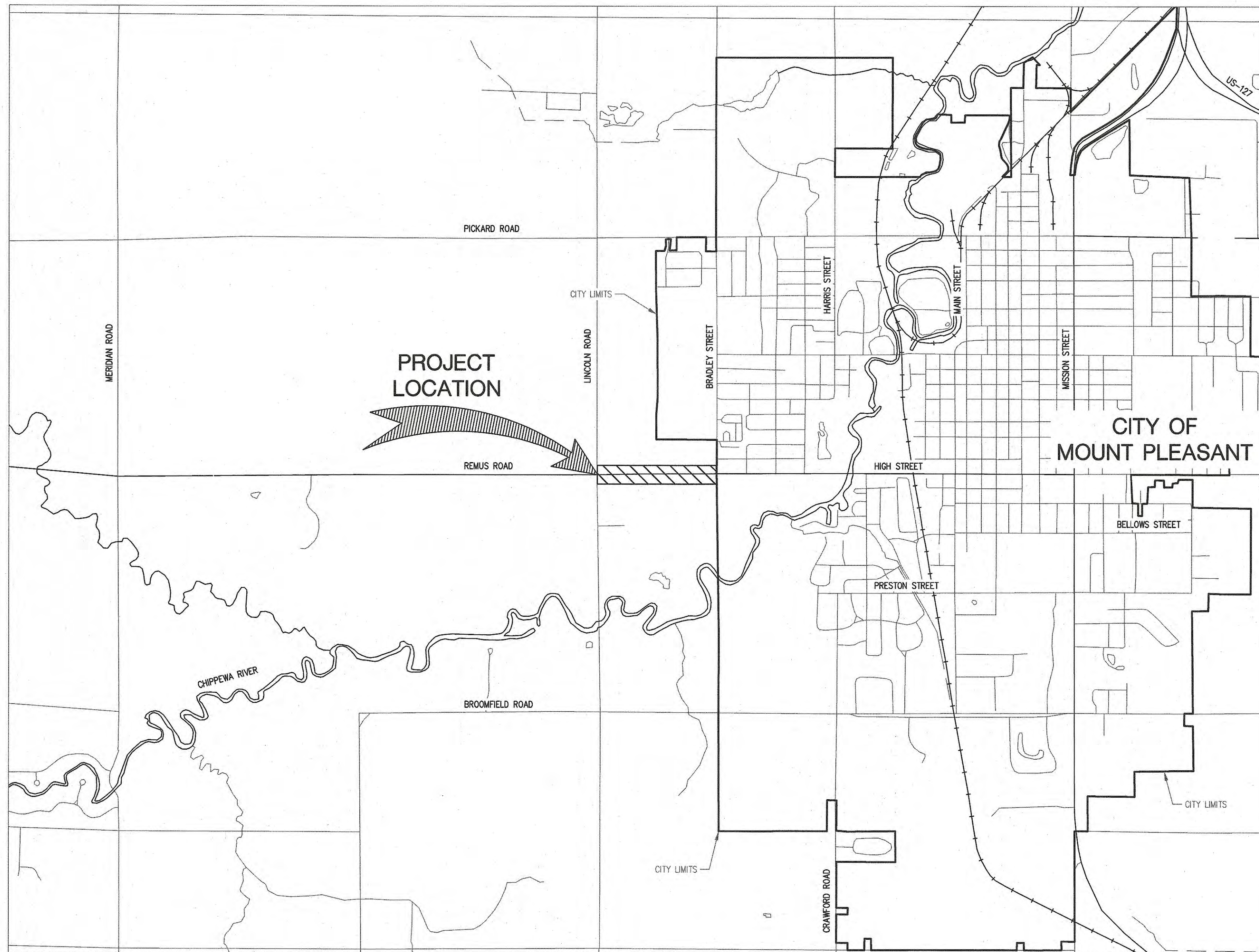
GAS
CONSUMERS ENERGY
2400 WEISS ST
SAGINAW, MI 48602
CONTACT: KYLE SKRABUT
TELEPHONE: 989-751-1284
KYLE.SKRABUT@CSEENERGY.COM

GAS
DTE GAS TRANSMISSION
2000 2ND AVE
DETROIT, MI 48226
CONTACT: BARBARA SAUNDERS
TELEPHONE: 313-235-5111
DET_MAPPINGTEAM_ACCOUNT@DTEENERGY.COM

CABLE INTERNET & TELEPHONE
WINN TELECOM
402 N MISSION ST
MT PLEASANT, MI 48858
CONTACT: BRYCE BROWN
TELEPHONE: 989-953-9800
BBROWN@WINNTEL.COM

CABLE INTERNET & CABLE TV
FRONTIER/VERISON
311 S CEDAR
IMLAY CITY, MI 48444
CONTACT: KATHRYN ANDERSON
TELEPHONE: 810-724-3127
MI.MISDIG.FACILITIES.DESIGN.REQUEST@FTR.COM

FIBER
EVERSTREAM
3950 SPARKS DR SE
GRAND RAPIDS, MI 49546
CONTACT: BRIAN KUNTER
TELEPHONE: 616-608-8945
BKUNTER@EVERSTREAM.NET



OWNER INFORMATION
CHARTER TOWNSHIP OF UNION
2010 S. LINCOLN
MT. PLEASANT, MI 48858

SHEET INDEX

- 1 - COVER SHEET
- 2 - NOTES SHEET
- 3 - LEGEND SHEET
- 4 - CONTROL SHEET
- 5 - DETAIL SHEET
- 6-7 - GRADING DETAIL SHEETS
- 8-9 - REMOVAL SHEETS
- 10 - PLAN SHEET - STA 2+31 (P.O.B.) TO STA 9+00
- 11 - PROFILE SHEET- STA 2+31 (P.O.B.) TO STA 9+00
- 12 - PLAN SHEET- STA 9+00 TO STA 16+00
- 13 - PROFILE SHEET- STA 9+00 TO STA 16+00
- 14 - PLAN SHEET- STA 16+00 TO STA 23+00
- 15 - PROFILE SHEET- STA 16+00 TO STA 23+00
- 16 - PLAN SHEET- STA 23+00 TO STA 29+77 (P.O.E.)
- 17 - PROFILE SHEET- STA 23+00 TO STA 29+77 (P.O.E.)

PROJECT DESCRIPTION

CONSTRUCTION OF SIDEWALK ALONG REMUS ROAD FROM LINCOLN ROAD TO BRADLEY STREET, AS WELL AS MISCELLANEOUS CURB AND GUTTER CONSTRUCTION AND DITCH EARTHWORK.

MDOT STANDARD PLANS

WHERE THE FOLLOWING ITEMS ARE CALLED FOR ON THE PLANS, THEY ARE TO CONFORM TO THE MDOT STANDARD PLANS LISTED UNLESS OTHERWISE INDICATED.

- R-28-J* CURB RAMP AND DETECTABLE WARNING DETAILS
- R-29-1 DRIVEWAY OPENINGS & APPROACHES AND CONCRETE SIDEWALKS
- R-30-G CONCRETE CURB AND CONCRETE CURB & GUTTER

*INDICATES SPECIAL DETAIL



Know what's below.
Call before you dig.

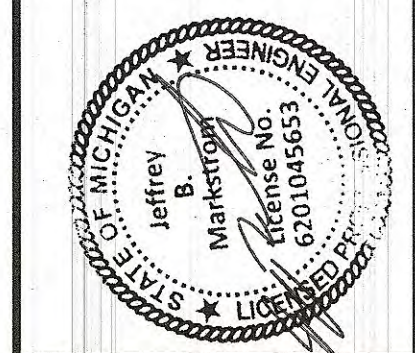
PLAN SUBMITTALS AND CHANGES

BIDDING DOCUMENTS	
DATE	DESCRIPTION
8/6/21	ISSUED FOR BIDS

REV:

SHT# 1 OF 17

JOB No: 21M0030



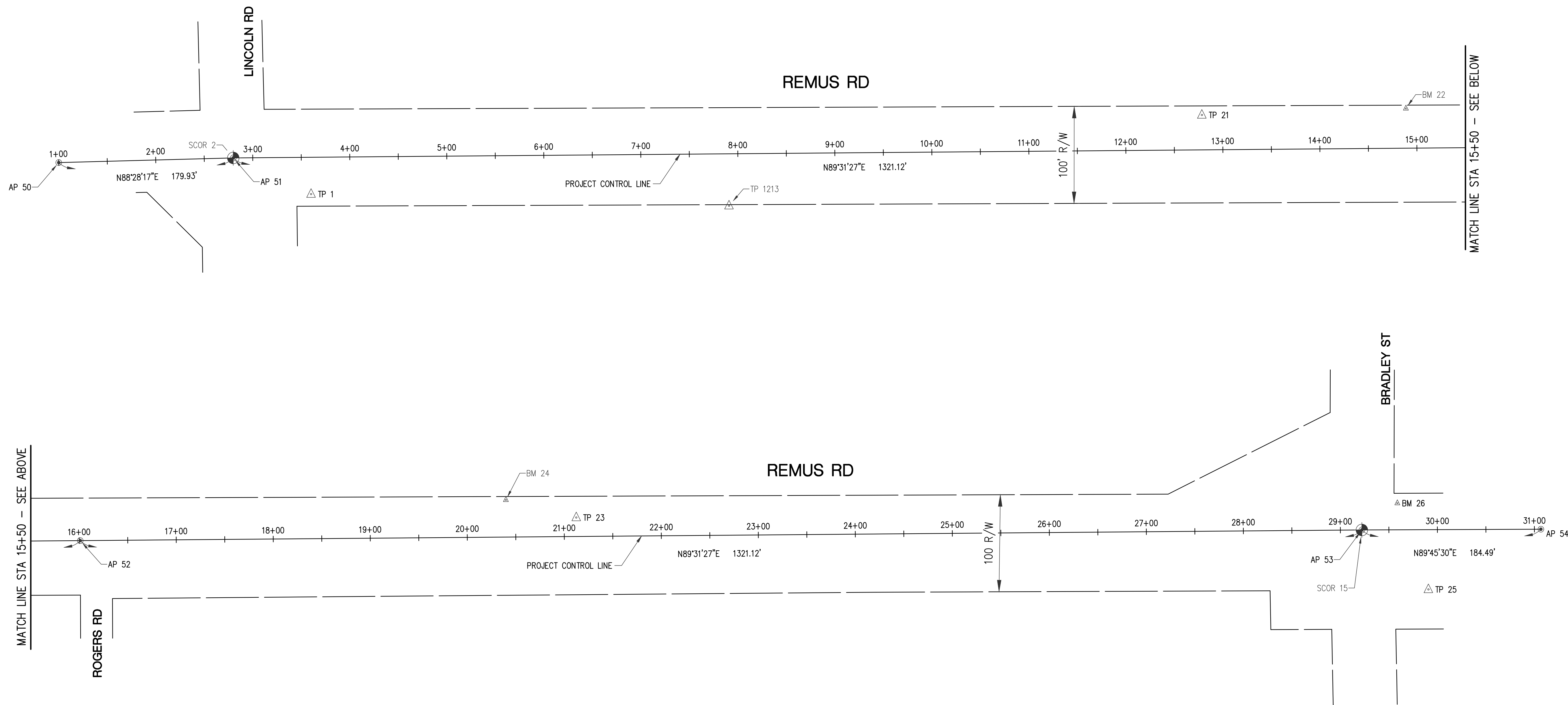
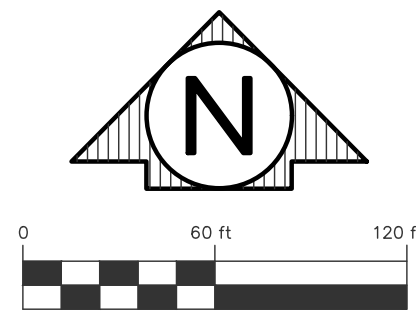
PLAN DATE: AUGUST 2021
PROJECT MGR: JBM
REVIEWER: DER
SCALE: NOT TO SCALE

ROWE PROFESSIONAL SERVICES COMPANY
O: (989) 772-2138
F: (989) 773-7757
www.rowepsco.com



PREPARED FOR
**CHARTER TOWNSHIP OF UNION
REMUS ROAD (M-20) SIDEWALK**

COVER SHEET



EAST REMUS ROAD

BENCHMARK DATA TABLE

NUMBER	NORTHING	EASTING	ELEVATION	STATION	OFFSET	DESCRIPTION
BM 22	764575	13007727	782.34	14+88.95	40.89' LT	TOP SOUTHEAST HYDRANT FLANGE BOLT ON NORTH SIDE OF M-20, BETWEEN ROAD COMMISSION AND BLOCK CO., 1/4 MILE± EAST OF LINCOLN ROAD
BM 24	764577	13008278	777.75	20+40.14	38.27' LT	FOUND CHISELED "+" ON HYDRANT LOWER FLANGE BOLT NORTH SIDE M-20, 900'± WEST OF BRADLEY STREET
BM 26	764573	13009197	774.85	29+58.83	27.46' LT	TOP NORTHWEST FLANGE BOLT ON HYDRANT IN NORTHEAST QUAD OF M-20 AND BRADLEY STREET

TRAVERSE POINT DATA TABLE

NUMBER	NORTHING	EASTING	STATION	OFFSET	DESCRIPTION
TP 1	764486.5750	13006598.4510	3+59.81	37.93' RT	FOUND MDOT DISK SET IN 12" CONCRETE POST SET TO A DEPTH OF 6 FEET, 53.1'± EAST OF BACK OF CURB OF LINCOLN ROAD, 20.5'± WEST OF M-20 EAST SIGN, 17.1'± NORTHEAST OF NORTHEAST CORNER OF CONCRETE GTE ACCESS COVER
TP 21	764568.1060	13007516.6080	12+78.62	35.97' LT	SET IRON AND ROWE TRAVERSE CAP, 1000'± EAST OF LINCOLN ROAD NORTH SIDE M-20, 15'± EAST OF EAST EDGE OF DRIVE TO BLOCK CO., 15'± NORTH OF BACK OF CURB
TP 23	764558.6250	13008350.6050	21+12.51	19.57' LT	SET IRON AND ROWE TRAVERSE CAP, 3' NORTH OF NORTH BACK OF CURB M-20, 800'± WEST OF BRADLEY STREET, 45'± EAST OF CURB INLET AND STORM MANHOLE
TP 25	764484.5160	13009228.9600	29+90.47	61.56' RT	SET IRON AND ROWE TRAVERSE CAP, SOUTHEAST QUADRANT OF M-20 AND BRADLEY STREET, 8'± SOUTH OF BACK OF CURB, 19'± WEST OF MT. PLEASANT CITY LIMIT SIGN
TP 1213	764474.5760	13007029.2180	7+90.47	53.51' RT	SET NAIL AND FLAGGING 12' NORTH OF NORTH EDGE SIGN "CCU"

ALIGNMENT POINT DATA TABLE

NUMBER	NORTHING	EASTING	STATION	OFFSET	DESCRIPTION
AP 50	764519.0400	13006338.3888	1+00.00	0.00' RT	POINT OF BEGINNING OF SOUTH REMUS ROAD ALIGNMENT
AP 51	764523.8400	13006518.2570	2+79.93	0.00' RT	POINT OF INTERSECTION OF SOUTH REMUS ROAD ALIGNMENT
AP 52	764534.8120	13007839.3275	16+01.05	0.00' RT	POINT OF INTERSECTION OF SOUTH REMUS ROAD ALIGNMENT
AP 53	764545.7840	13009160.3980	29+22.16	0.00' RT	POINT OF INTERSECTION OF SOUTH REMUS ROAD ALIGNMENT
AP 54	764546.5621	13009344.8819	31+06.65	0.00' RT	POINT OF ENDING OF SOUTH REMUS ROAD ALIGNMENT

SECTION CORNER DATA TABLE

NUMBER	NORTHING	EASTING	STATION	OFFSET	DESCRIPTION
QCOR F7 15	764545.7840	13009160.3980	29+22.16	0.00' RT	F-7, NORTH 1/4 CORNER OF SECTION 21, T14N-R4W, ISABELLA COUNTY, MICHIGAN, FOUND REMON MONUMENT IN MONUMENT BOX
SCOR E7 2	764523.8400	13006518.2570	2+79.93	0.00' RT	E-7, NORTHEAST CORNER OF SECTION 21, T14N-R4W, ISABELLA COUNTY, MICHIGAN, FOUND REMON MONUMENT IN MONUMENT BOX

LEGEND

- ALIGNMENT POINT
- ▲ BENCHMARK
- △ TRAVERSE POINT
- ⊙ SECTION CORNER

NOTES

VERTICAL DATUM IS NAVD88
HORIZONTAL DATUM IS NAD83 (CORS2011) MCS SOUTH PLANE, INTERNATIONAL FEET



PLAN SUBMITTALS AND CHANGES

BIDDING DOCUMENTS	
DATE	DESCRIPTION
8/6/21	ISSUED FOR BIDS

REV:

SHT# 4 OF 17
JOB No: 21M0030

ROWE PROFESSIONAL SERVICES COMPANY

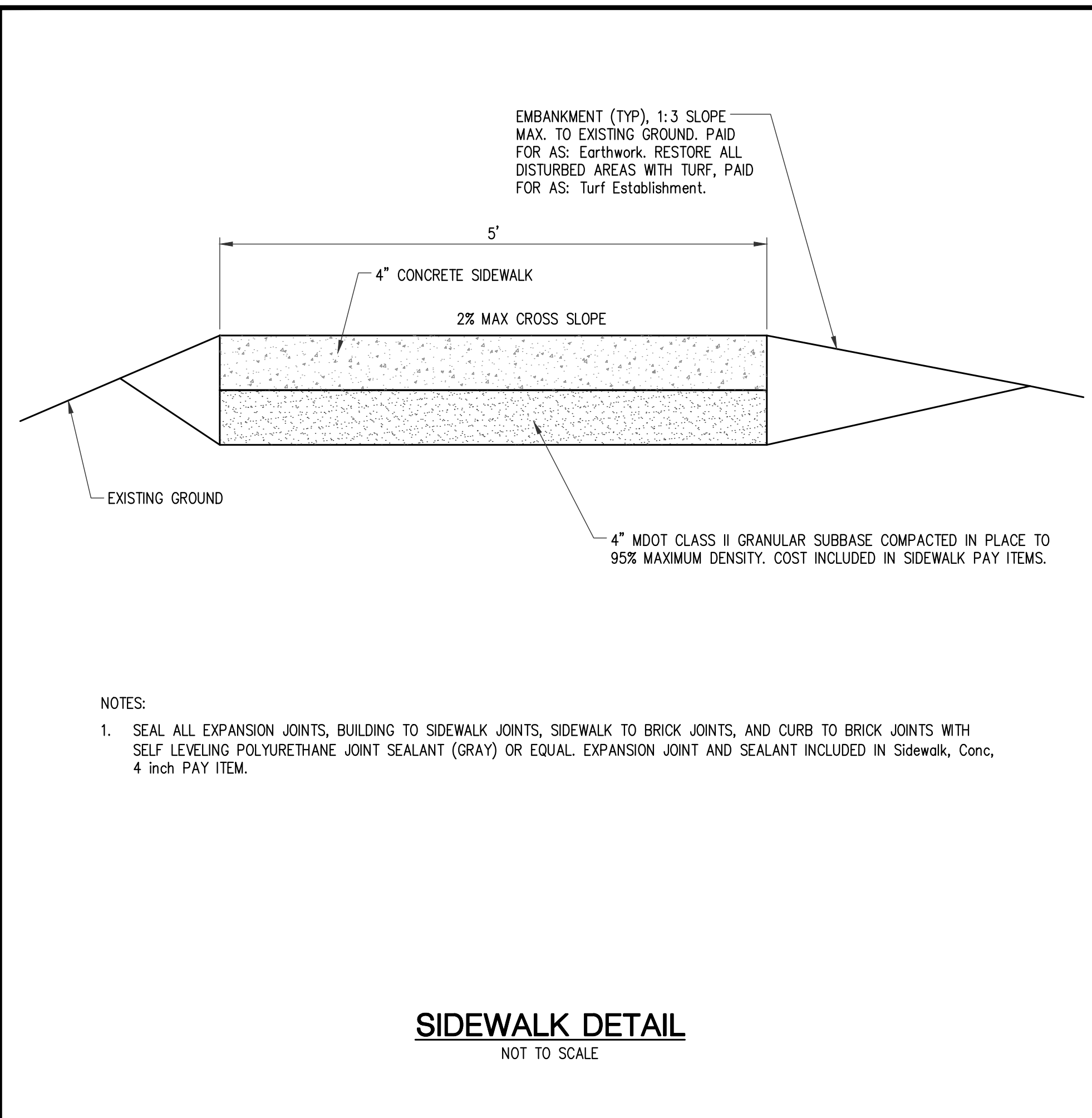


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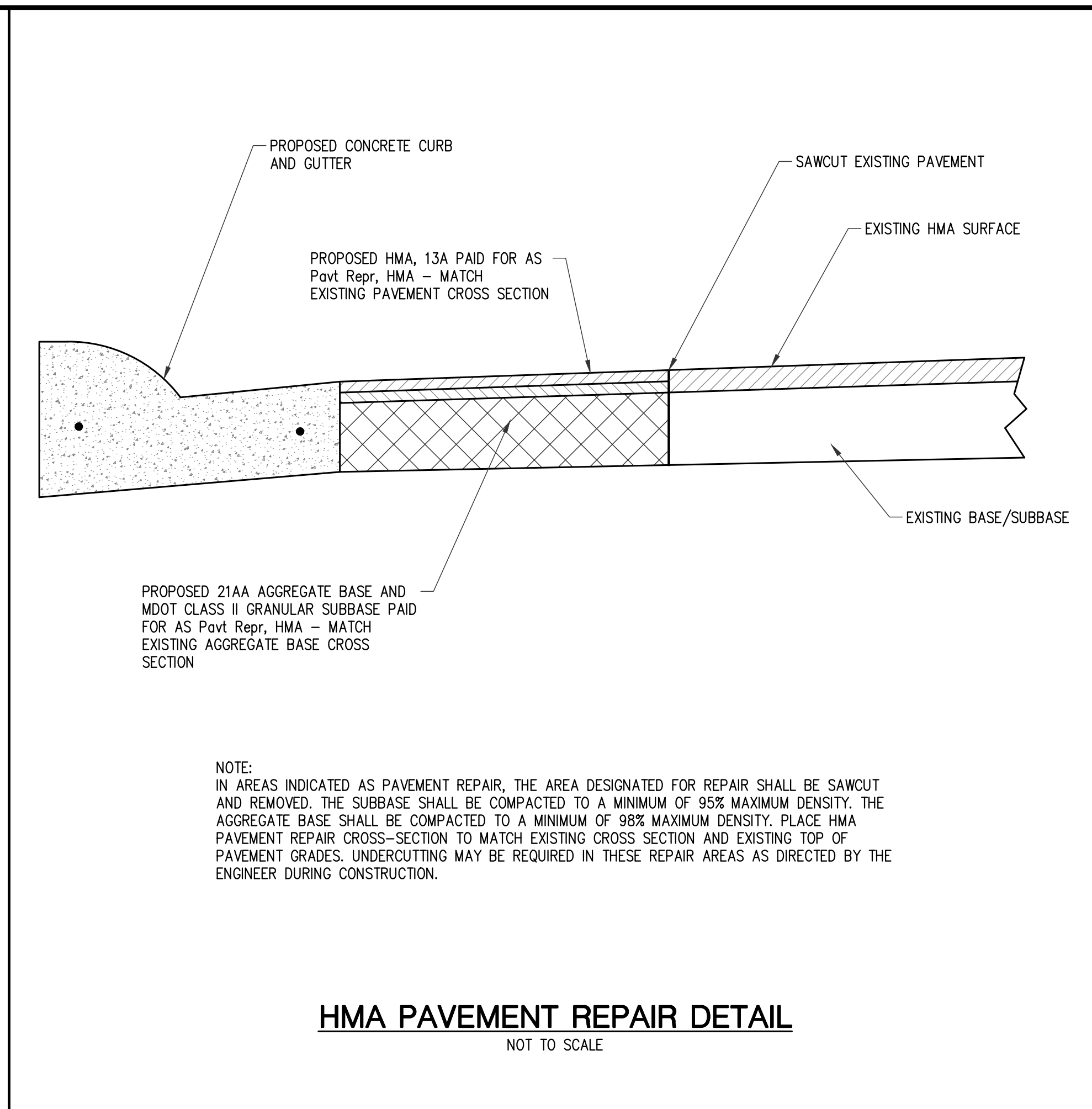
127 S. Main Street
Mt. Pleasant, MI 48858

PREPARED FOR
CHARTER TOWNSHIP OF UNION
REMUS ROAD (M-20) SIDEWALK

CONTROL SHEET



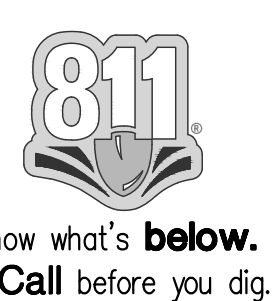
SIDEWALK DETAIL
NOT TO SCALE



HMA PAVEMENT REPAIR DETAIL
NOT TO SCALE

	SLOPES	STREAMS AND WATERWAYS	SURFACE DRAINAGEWAYS	ENCLOSED DRAINAGE (Inlet & Outfall Control)	LAKE FILL SURFACE AREAS	EMBANK AND STORAGE AREAS	ADJACENT PROPERTIES
36	CATCH BASIN, DRAIN INLET	FOLLOW UP WITH HEAVY CONCRETED KNURPY MAY USE FLEXIBLE CURB OVER ALLET			*	*	*
49	CHECK, SLOPE, AND REPAIR	REMOVED FROM SLOPE TO EXPOSE SUBSOIL CAN BE CONSTRUCTED OF LOGS, STAKES, HAY BALS, LUMBER, MASONRY, OR SOIL BOLS	*	*			
54	SOIL FENCE	USED TO PREVENT EROSION AND LOSS OF SOILS USED TO CONSTRUCT AND MAINTAIN AS NECESSARY	*				*

SESC MEASURES



PLAN SUBMITTALS AND CHANGES	
BIDDING DOCUMENTS	
DATE	DESCRIPTION
8/6/21	ISSUED FOR BIDS

REV:

SHT# 5 OF 17
JOB No: 21M0030

PREPARED FOR
**CHARTER TOWNSHIP OF UNION
REMUS ROAD (M-20) SIDEWALK**
DETAIL SHEET

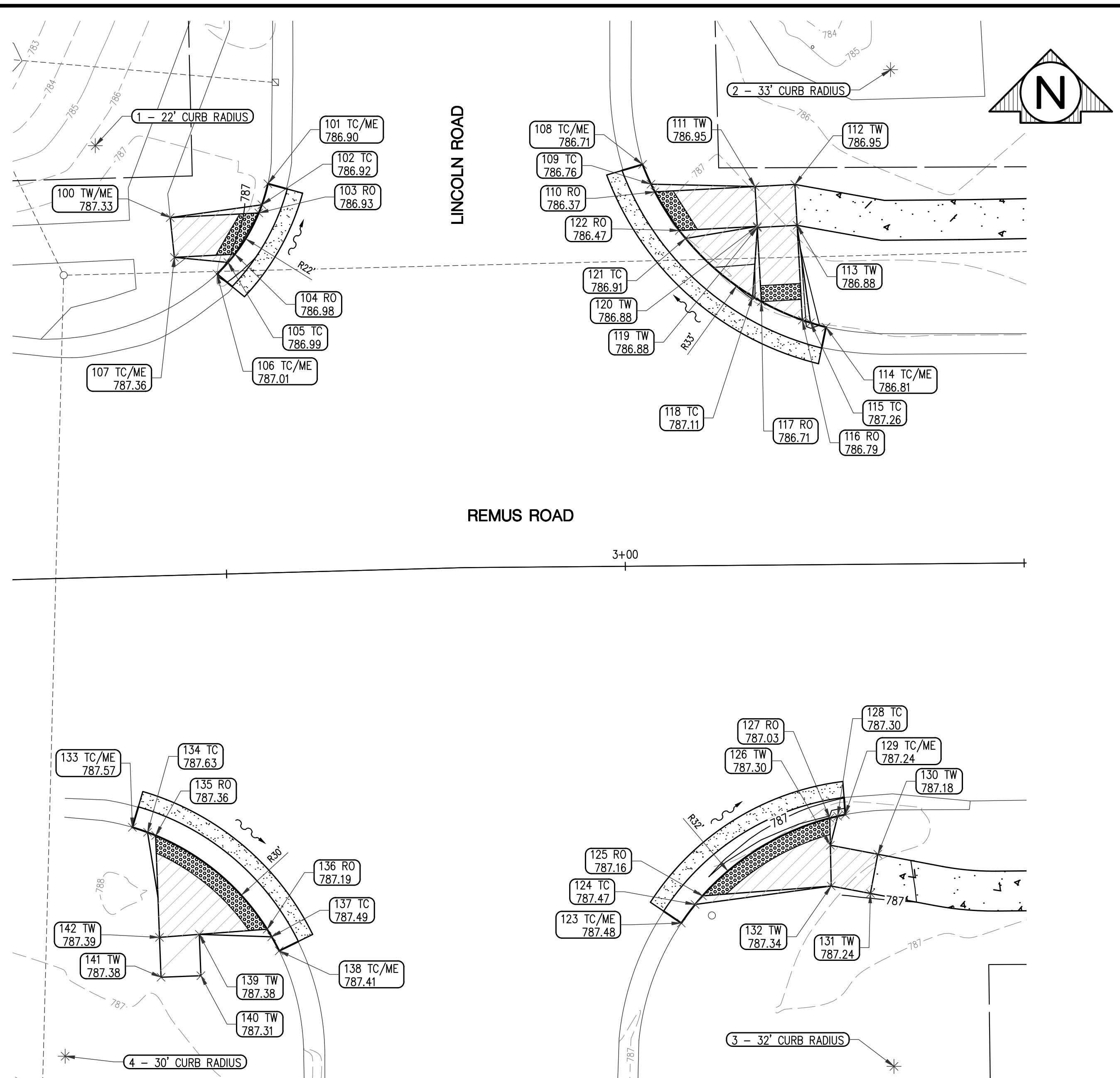
ROWE PROFESSIONAL SERVICES COMPANY

127 S. Main Street
Mt. Pleasant, MI 48858

O: (989) 772-2138
F: (989) 773-7757
www.rowepsc.com

PLAN DATE: AUGUST 2021
PROJECT MGR: JBM
REVIEWER: DER
SCALE: NOT TO SCALE

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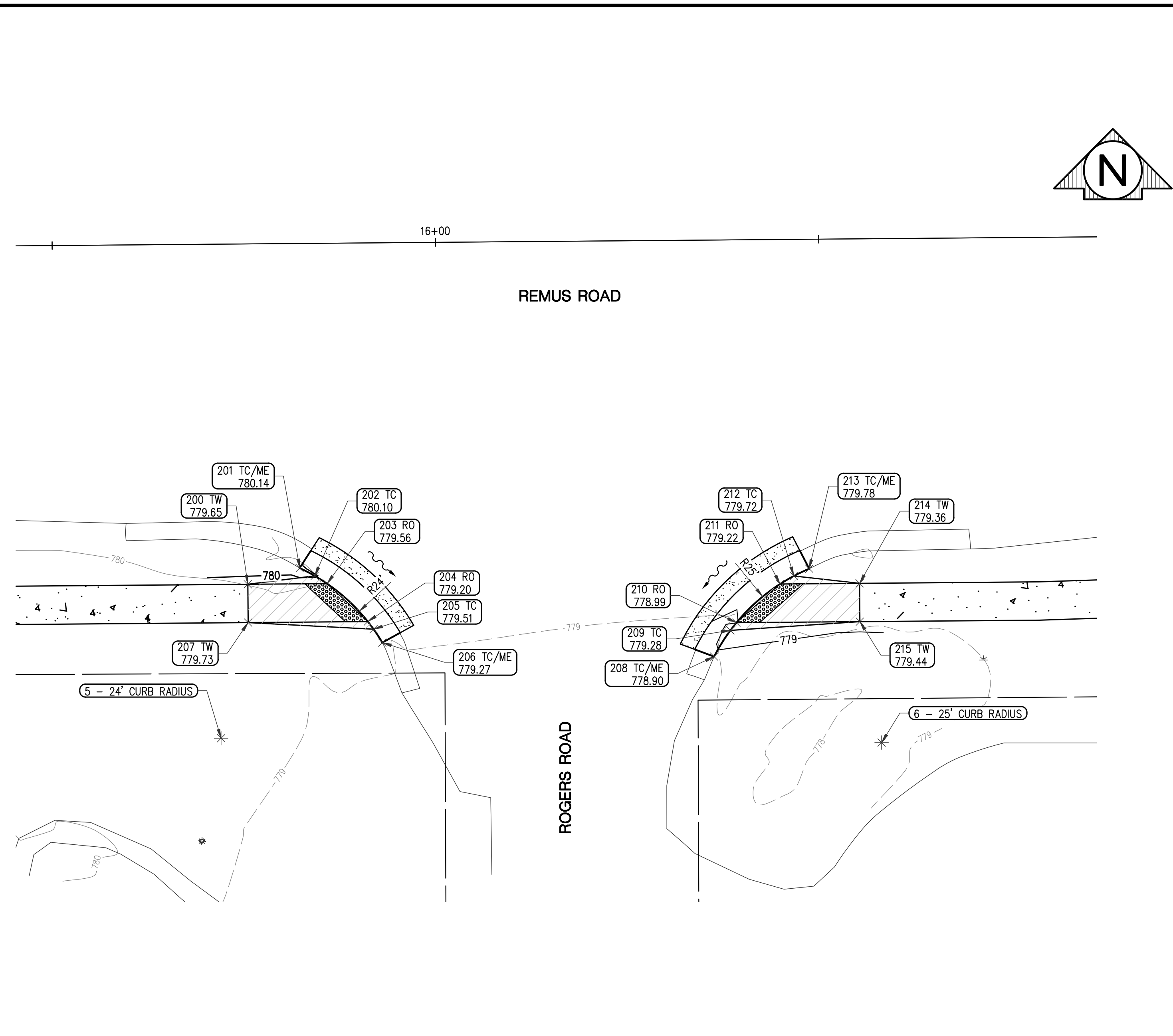
REMUS ROAD AND LINCOLN ROAD INTERSECTION

GRADING POINTS				
POINT	DESCRIPTION	STATION	OFFSET	ELEVATION
100	TW/ME	2+44.13	44.85' L	787.33
101	TC/ME	2+56.49	48.78' L	786.90
102	TC	2+55.66	46.16' L	786.92
103	RO	2+55.25	45.15' L	786.93
104	RO	2+52.11	40.06' L	786.98
105	TC	2+51.22	39.04' L	786.99
106	TC/ME	2+49.79	37.63' L	787.01
107	TC/ME	2+44.52	39.86' L	787.36
108	TC/ME	3+02.58	50.36' L	786.71
109	TC	3+03.62	47.88' L	786.76
110	RO	3+04.09	46.91' L	786.37
111	TW	3+16.66	47.48' L	786.95
112	TW	3+21.65	47.70' L	786.95
113	TW	3+21.89	42.57' L	786.88
114	TC/ME	3+25.41	29.77' L	786.81
115	TC	3+23.47	30.34' L	787.26
116	RO	3+22.45	30.69' L	786.79
117	RO	3+17.33	33.04' L	786.71

GRADING POINTS				
POINT	DESCRIPTION	STATION	OFFSET	ELEVATION
118	TC	3+16.24	33.69' L	787.11
119	TW	3+16.90	42.34' L	786.88
120	TW	3+16.89	42.48' L	786.88
121	TC	3+07.90	41.04' L	786.91
122	RO	3+07.12	42.04' L	786.47
123	TC/ME	3+06.65	44.79' R	787.48
124	TC	3+08.40	42.46' R	787.47
125	RO	3+09.32	41.40' R	787.16
126	TW	3+25.41	35.19' R	787.30
127	RO	3+25.37	31.78' R	787.03
128	TC	3+26.37	31.55' R	787.30
129	TC/ME	3+27.32	31.36' R	787.24
130	TW	3+31.36	36.36' R	787.18
131	TW	3+30.39	41.27' R	787.24
132	TW	3+25.48	40.30' R	787.34
133	TC/ME	2+37.35	31.43' R	787.57
134	TC	2+39.23	32.11' R	787.63
135	RO	2+40.23	32.53' R	787.36

GRADING POINTS				
POINT	DESCRIPTION	STATION	OFFSET	ELEVATION
136	RO	2+53.89	44.65' R	787.19
137	TC	2+54.44	45.62' R	787.49
138	TC/ME	2+55.34	47.41' R	787.41
139	TW	2+45.38	45.07' R	787.38
140	TW	2+45.44	50.26' R	787.31
141	TW	2+40.44	50.32' R	787.38
142	TW	2+40.38	45.32' R	787.39

RADIUS POINTS				
POINT	DESCRIPTION	STATION	OFFSET	
1	22' CURB RADIUS	2+34.98	54.12' L	
2	33' CURB RADIUS	3+33.77	61.99' L	
3	32' CURB RADIUS	3+33.16	62.97' R	
4	30' CURB RADIUS	2+28.16	59.89' R	



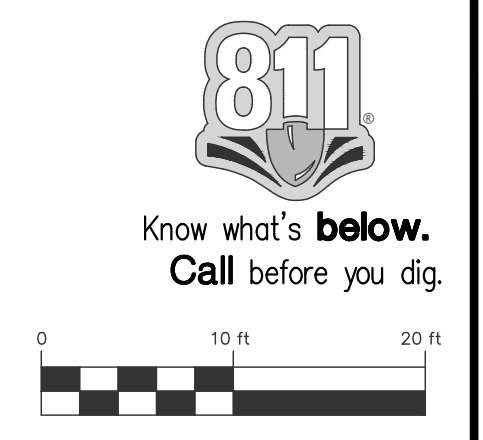
REMUS ROAD AND ROGERS ROAD INTERSECTION

GRADING POINTS				
POINT	DESCRIPTION	STATION	OFFSET	ELEVATION
200	TW	15+75.16	44.39' R	779.65
201	TC/ME	15+81.94	42.34' R	780.14
202	TC	15+83.89	43.37' R	780.10
203	RO	15+85.50	44.39' R	779.56
204	RO	15+90.78	49.39' R	779.20
205	TC	15+91.51	50.39' R	779.51
206	TC/ME	15+92.64	52.14' R	779.27
207	TW	15+75.16	49.39' R	779.73
208	TC/ME	16+35.91	54.33' R	778.90
209	TC	16+38.06	50.93' R	779.28
210	RO	16+38.85	49.93' R	778.99
211	RO	16+44.59	44.93' R	779.22
212	TC	16+46.40	43.90' R	779.72
213	TC/ME	16+48.41	42.98' R	779.78
214	TW	16+54.96	44.93' R	779.36
215	TW	16+54.96	49.93' R	779.44

RADIUS POINTS				
POINT	DESCRIPTION	STATION	OFFSET	
5	24' CURB RADIUS	15+71.51	64.45' R	
6	25' CURB RADIUS	16+57.66	65.73' R	

SITE GRADING LEGEND
 ME = MATCH EXISTING
 RO = RAMP OPENING
 TC = TOP OF CURB
 TW = TOP OF SIDEWALK

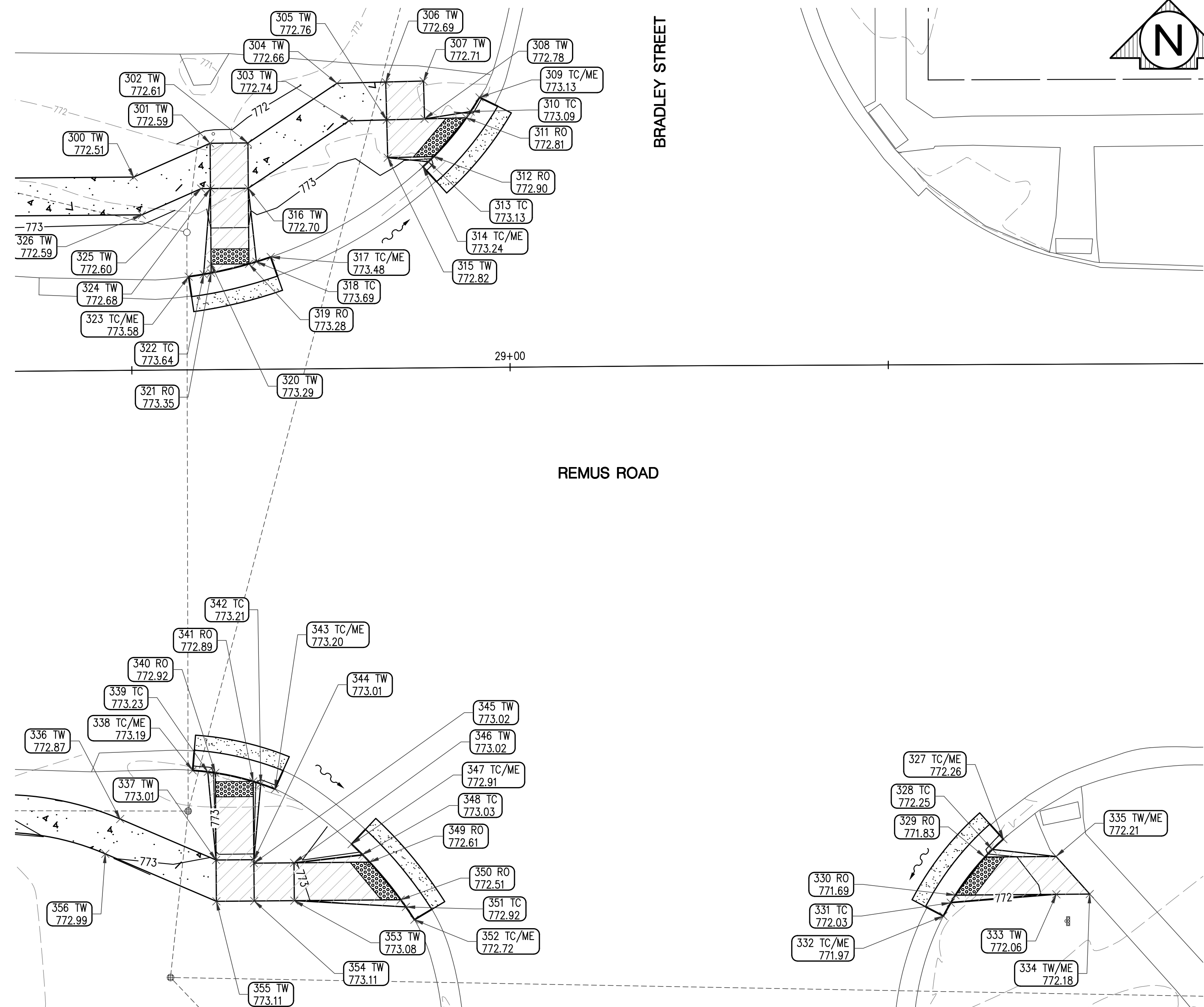
NOTES
 1. RAMP OPENING ELEV. = FULL HEIGHT CURB ELEV. - 0.33



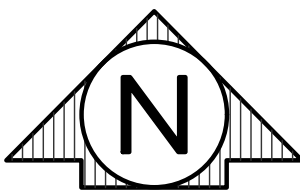
PLAN SUBMITTALS AND CHANGES	
BIDDING DOCUMENTS	
DATE	DESCRIPTION
8/6/21	ISSUED FOR BIDS

PLAN DATE: AUGUST 2021
 PROJECT MGR: JBM
 REVIEWER: DER
 SCALE: 1" = 10'
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REMUS ROAD (M-20) SIDEWALK
 GRADING DETAIL SHEET
 REV:
 SH# 6 OF 17
 JOB No: 21M0030

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REMUS ROAD AND BRADLEY STREET INTERSECTION

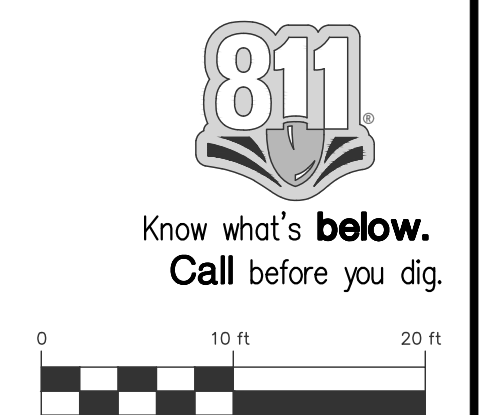


GRADING POINTS				
POINT	DESCRIPTION	STATION	OFFSET	ELEVATION
300	TW	28+50.46	25.54' L	772.51
301	TW	28+60.59	29.92' L	772.59
302	TW	28+65.59	29.92' L	772.61
303	TW	28+78.96	32.73' L	772.74
304	TW	28+77.42	37.70' L	772.66
305	TW	28+83.96	32.82' L	772.76
306	TW	28+83.87	37.82' L	772.69
307	TW	28+88.87	37.91' L	772.71
308	TW	28+88.96	32.91' L	772.78
309	TC/ME	28+96.25	35.69' L	773.13
310	TC	28+95.06	33.83' L	773.09
311	RO	28+94.49	33.01' L	772.81
312	RO	28+90.14	27.93' L	772.90
313	TC	28+89.42	27.24' L	773.13
314	TC/ME	28+88.69	26.57' L	773.24
315	TW	28+84.05	27.82' L	772.82
316	TW	28+65.59	23.94' L	772.70
317	TC/ME	28+68.48	14.82' L	773.48
318	TC	28+66.57	14.22' L	773.69
319	RO	28+65.59	13.94' L	773.28
320	TW	28+60.59	13.94' L	773.29
321	RO	28+60.59	12.78' L	773.35
322	TC	28+59.59	12.61' L	773.64
323	TC/ME	28+57.61	12.32' L	773.58
324	TW	28+60.59	23.94' L	772.68
325	TW	28+59.35	23.94' L	772.60
326	TW	28+51.49	20.53' L	772.59
327	TC/ME	29+64.94	62.73' R	772.26
328	TC	29+63.48	64.09' R	772.25

GRADING POINTS				
POINT	DESCRIPTION	STATION	OFFSET	ELEVATION
329	RO	29+62.50	65.09' R	771.83
330	RO	29+58.58	70.11' R	771.69
331	TC	29+57.96	71.11' R	772.03
332	TC/ME	29+56.98	72.86' R	771.97
333	TW	29+71.92	70.05' R	772.06
334	TW/ME	29+76.33	70.04' R	772.18
335	TW/ME	29+71.90	65.05' R	772.21
336	TW	28+47.97	59.28' R	772.87
337	TW	28+60.59	64.80' R	773.01
338	TC/ME	28+57.60	52.93' R	773.19
339	TC	28+59.59	53.14' R	773.23
340	RO	28+60.59	53.29' R	772.92
341	RO	28+65.59	54.46' R	772.89
342	TC	28+66.58	54.79' R	773.21
343	TC/ME	28+68.45	55.48' R	773.20
344	TW	28+65.59	64.80' R	773.01
345	TW	28+65.59	65.26' R	773.02
346	TW	28+70.89	65.26' R	773.02
347	TC/ME	28+78.52	62.85' R	772.91
348	TC	28+79.95	64.26' R	773.03
349	RO	28+80.90	65.26' R	772.61
350	RO	28+84.97	70.26' R	772.51
351	TC	28+85.63	71.21' R	772.92
352	TC/ME	28+86.74	72.90' R	772.72
353	TW	28+70.89	70.26' R	773.08
354	TW	28+65.59	70.26' R	773.11
355	TW	28+60.59	70.26' R	773.11
356	TW	28+45.96	63.86' R	772.99

SITE GRADING LEGEND
 ME = MATCH EXISTING
 RO = RAMP OPENING
 TC = TOP OF CURB
 TW = TOP OF SIDEWALK

NOTES
 1. RAMP OPENING ELEV. = FULL HEIGHT CURB ELEV. - 0.33



PLAN SUBMITTALS AND CHANGES	
BIDDING DOCUMENTS	
DATE	DESCRIPTION
8/6/21	ISSUED FOR BIDS

PLAN DATE: AUGUST 2021
 PROJECT MGR: JBM
 REVIEWER: DER
 SCALE: 1" = 10'

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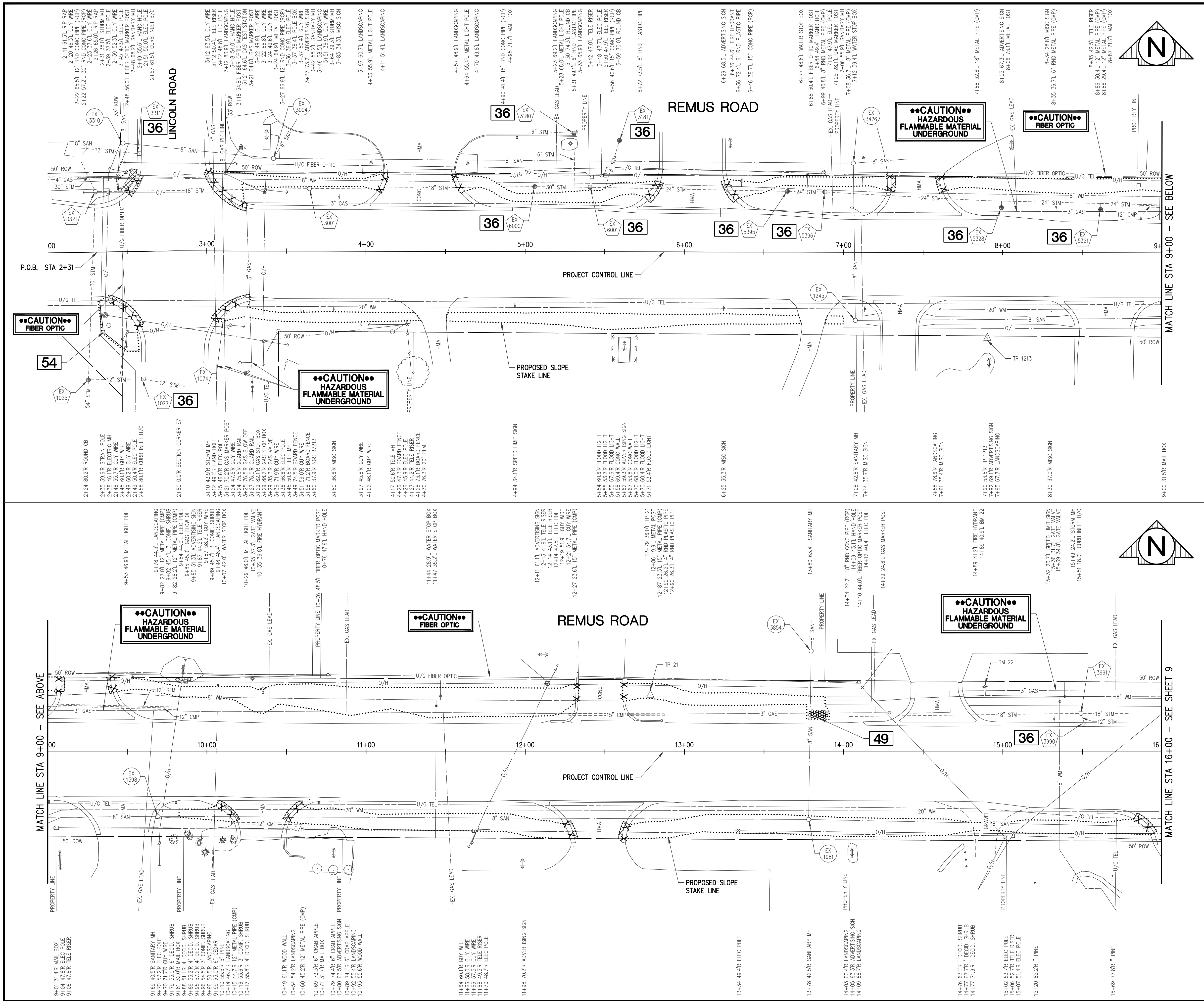
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PREPARED FOR
CHARTER TOWNSHIP OF UNION
REMUS ROAD (M-20) SIDEWALK

GRADING DETAIL SHEET

REV: _____
 SHT# 7 OF 17
 JOB No: 21M0030

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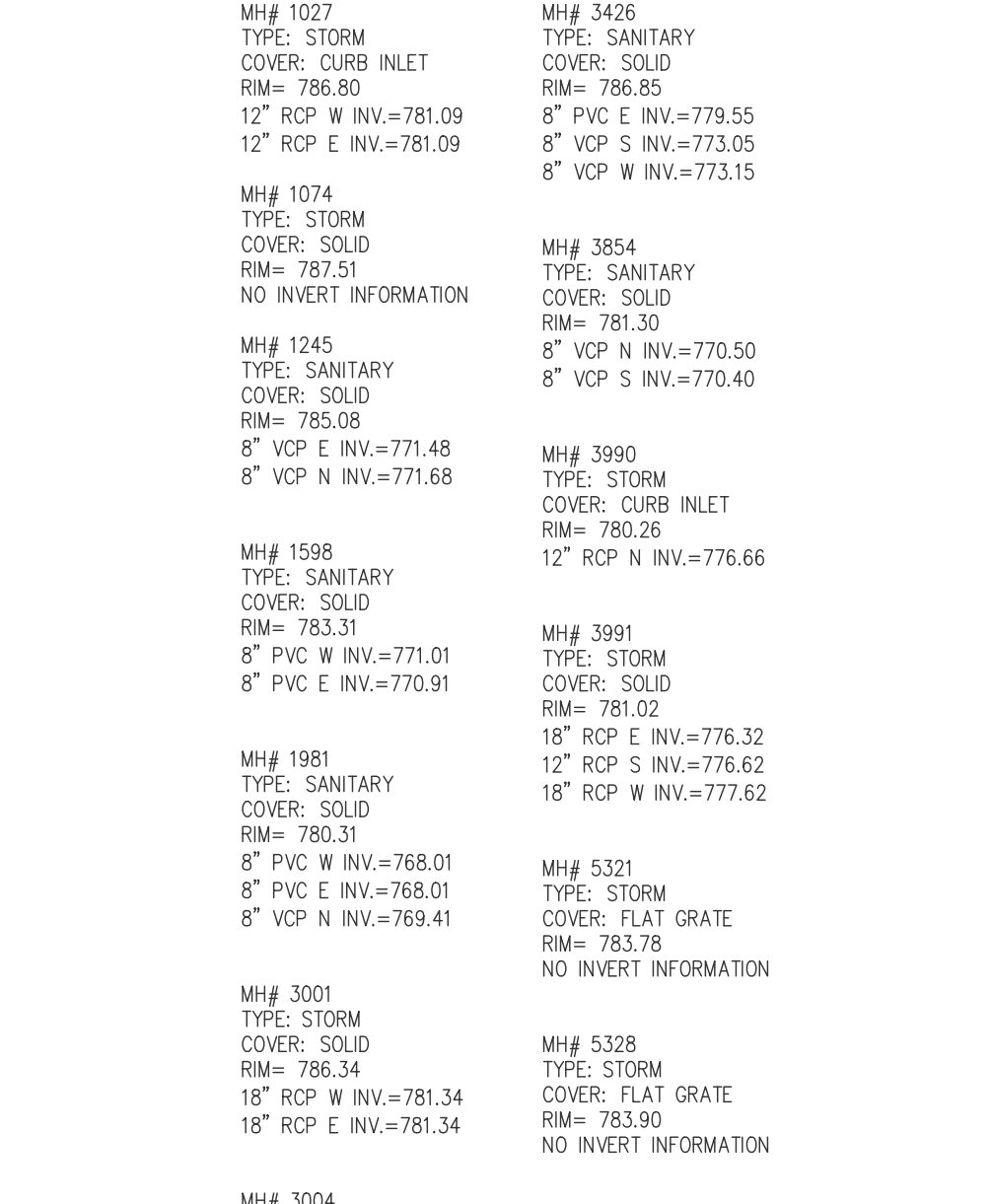


SHEET QUANTITIES

DESCRIPTION	QUANTITY	UNITS
Curb and Gutter, Rem	285	Ft
Pavt, Rem	60	Syd
Sidewalk, Rem	7	Syd
Erosion Control, Check Dam, Stone	10	Ft
Erosion Control, Inlet Protection, Fabric Drop	11	Ea
Erosion Control, Silt Fence	50	Ft

EXISTING STRUCTURES

MH# 1025 TYPE: STORM COVER: BETHNE RIM= 785.39 54" RCP S INV.=768.99 12" RCP E INV.=779.89 30" RCP NW INV.=778.69	MH# 3321 TYPE: STORM COVER: SOLID RIM= 787.73 30" RCP S INV.=781.93 18" RCP E INV.=782.93 30" RCP NW INV.=781.93
MH# 1027 TYPE: STORM COVER: CURB INLET RIM= 786.80 12" RCP W INV.=781.09 12" RCP E INV.=781.09 NO INVERT INFORMATION	MH# 5426 TYPE: SANITARY COVER: SOLID RIM= 786.85 8" PVC E INV.=779.55 8" VCP S INV.=773.05 8" VCP W INV.=773.15
MH# 1074 TYPE: STORM COVER: SOLID RIM= 787.51 NO INVERT INFORMATION	MH# 3854 TYPE: SANITARY COVER: SOLID RIM= 781.30 8" RCP N INV.=770.50 8" VCP S INV.=770.40
MH# 1245 TYPE: SANITARY COVER: SOLID RIM= 785.08 8" VCP E INV.=771.48 8" VCP N INV.=771.68	MH# 3990 TYPE: STORM COVER: CURB INLET RIM= 780.26 12" RCP N INV.=776.66
MH# 1598 TYPE: SANITARY COVER: SOLID RIM= 783.31 8" PVC W INV.=771.01 8" PVC E INV.=770.91	MH# 3991 TYPE: STORM COVER: SOLID RIM= 781.02 18" RCP E INV.=776.32 12" RCP S INV.=776.62 18" RCP W INV.=777.62
MH# 1981 TYPE: SANITARY COVER: SOLID RIM= 780.31 8" PVC W INV.=768.01 8" PVC E INV.=768.01 8" VCP N INV.=769.41	MH# 5321 TYPE: STORM COVER: FLAT GRATE RIM= 783.78 NO INVERT INFORMATION
MH# 3001 TYPE: STORM COVER: SOLID RIM= 786.34 18" RCP W INV.=781.34 18" RCP E INV.=781.34	MH# 5326 TYPE: STORM COVER: FLAT GRATE RIM= 783.90 NO INVERT INFORMATION
MH# 3004 TYPE: SANITARY COVER: SOLID RIM= 785.66 8" VCP W INV.=775.26 8" VCP E INV.=775.16 6" PVC NE INV.=778.66	MH# 5395 TYPE: STORM COVER: FLAT GRATE RIM= 785.27 24" OTH E INV.=781.47 24" OTH W INV.=781.47
MH# 3180 TYPE: STORM COVER: FLAT GRATE RIM= 786.29 6" PVC W INV.=784.49 6" PVC S INV.=784.49	MH# 5396 TYPE: STORM COVER: FLAT GRATE RIM= 784.90 24" OTH E INV.=781.70 24" OTH W INV.=781.70
MH# 3181 TYPE: STORM COVER: FLAT GRATE RIM= 783.45 8" PVC S INV.=782.35	MH# 6000 TYPE: STORM COVER: FLAT GRATE RIM= 784.76 30" SL C W INV.=780.96 30" SL C E INV.=780.96
MH# 3310 TYPE: SANITARY COVER: SOLID RIM= 786.97 8" VCP W INV.=776.67 8" VCP N INV.=776.67 8" VCP E INV.=776.67	MH# 6001 TYPE: STORM COVER: SOLID RIM= 784.32 30" SL C W INV.=781.32 30" SL C E INV.=781.22
MH# 3311 TYPE: STORM COVER: CURB INLET RIM= 786.41 12" RCP W INV.=783.31	



811
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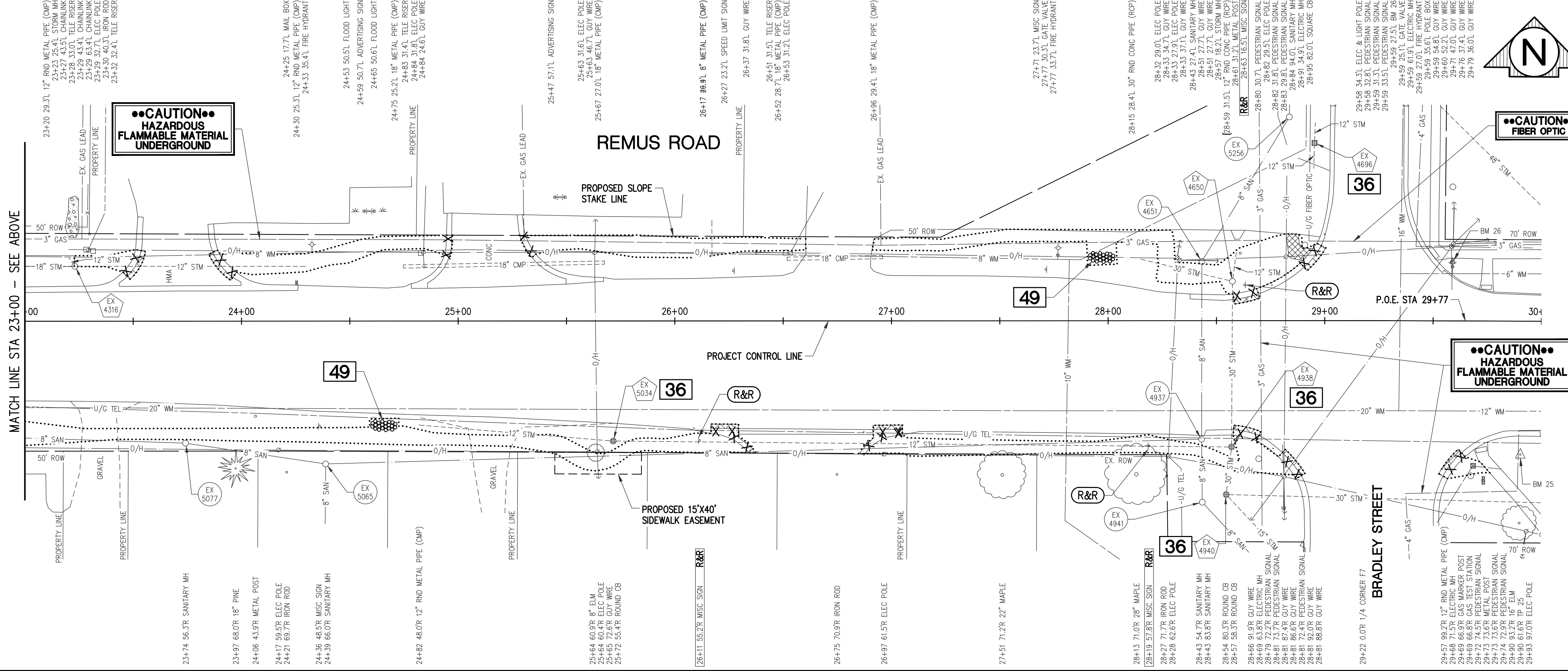
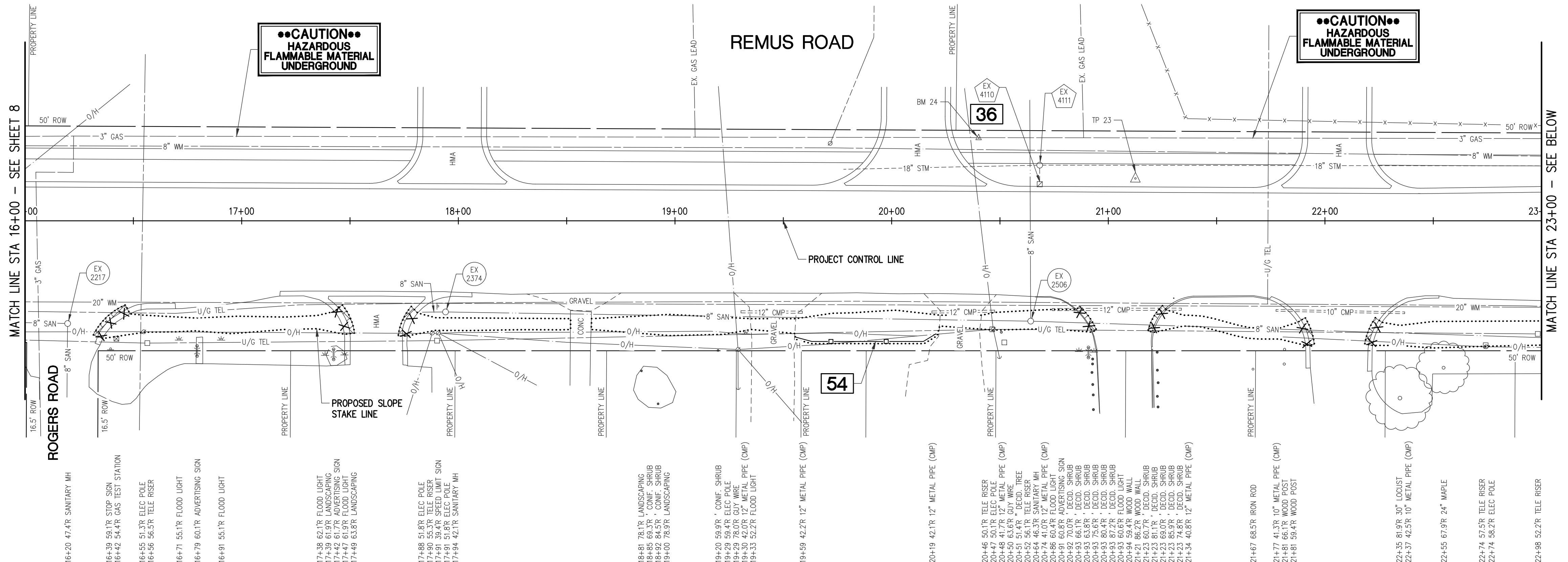
PREPARED FOR
CHARTER TOWNSHIP OF UNION
REMOVED ROAD (M-20) SIDEWALK
STA 2+31 (P.O.B.) TO STA 16+00
REMOVAL SHEET

PLAN DATE: AUGUST 2021
PROJECT MGR: JBM
REVIEWER: DER
SCALE: 1" = 30'

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REVISIONS:
DATE: 8/6/21
DESCRIPTION: ISSUED FOR BIDS

SHEET # **8** OF 17
JOB No: 21M0030



SHEET QUANTITIES		
DESCRIPTION	QUANTITY	UNITS
Curb and Gutter, Rem	235	Ft
ParV, Rem	45	Syd
Sidewalk, Rem	10	Syd
Erosion Control, Check Dam, Stone	20	Ft
Erosion Control, Inlet Protection, Fabric Drop	5	Ea
Erosion Control, Silt Fence	70	Ft
Sign, Type III, Rem	3	Ea

EXISTING STRUCTURES

- MH# 2217
TYPE: SANITARY
COVER: SOLID
RM= 779.29
8" VCP S INV.=766.69
8" VCP W INV.=766.89
- MH# 2374
TYPE: SANITARY
COVER: SOLID
RM= 778.72
8" PVC N INV.=767.72
8" PVC W INV.=767.72
- MH# 2506
TYPE: SANITARY
COVER: SOLID
RM= 776.42
8" PVC N INV.=766.62
8" PVC W INV.=766.62
8" PVC E INV.=766.52
- MH# 4110
TYPE: STORM
COVER: FLAT GRATE
NO INVERT INFORMATION
- MH# 4111
TYPE: STORM
COVER: SOLID
NO INVERT INFORMATION
- MH# 4316
TYPE: STORM
COVER: SOLID
RM= 776.90
18" RCP N INV.=773.70
12" CMP NW INV.=774.00
12" CMP E INV.=773.70
- MH# 4650
TYPE: SANITARY
COVER: SOLID
RM= 773.25
30" RCP S INV.=767.45
30" RCP W INV.=767.45
12" RCP N INV.=769.75
- MH# 4651
TYPE: SANITARY
COVER: SOLID
RM= 773.17
8" PVC S INV.=763.07
8" PVC NE INV.=763.27
- MH# 4696
TYPE: SANITARY
COVER: FLAT GRATE
RM= 773.37
12" RCP N INV.=768.07
12" RCP S INV.=768.07
- MH# 4937
TYPE: SANITARY
COVER: SOLID
RM= 775.50
8" PVC N INV.=762.76
8" PVC W INV.=762.86
- MH# 4938
TYPE: STORM
COVER: BEEHIVE
RM= 773.04
30" RCP N INV.=766.84
30" CMP S INV.=766.84
12" CMP W INV.=767.04
- MH# 4940
TYPE: STORM
COVER: BEEHIVE
RM= 772.13
15" CMP SE INV.=766.93
30" CMP N INV.=766.83
30" CMP E INV.=766.63
- MH# 4941
TYPE: SANITARY
COVER: SOLID
RM= 772.46
8" PVC N INV.=762.76
8" PVC SE INV.=762.86
- MH# 5034
TYPE: STORM
COVER: BEEHIVE
RM= 773.31
12" CMP N INV.=771.21
12" CMP W INV.=771.31
- MH# 5065
TYPE: SANITARY
COVER: SOLID
RM= 775.50
8" PVC S INV.=760.20
8" PVC W INV.=760.20
8" PVC E INV.=764.40
- MH# 5077
TYPE: SANITARY
COVER: SOLID
RM= 775.33
8" PVC N INV.=764.73
8" PVC E INV.=764.63
- MH# 5256
TYPE: SANITARY
COVER: SOLID
RM= 771.70
8" PVC N INV.=763.50
8" PVC SW INV.=763.50

PLAN SUBMITTALS AND CHANGES	
BIDDING DOCUMENTS	
DATE	DESCRIPTION
8/6/21	ISSUED FOR BIDS



PLAN DATE: AUGUST 2021
PROJECT MGR: JBM
REVIEWER: DER
SCALE: 1" = 30'

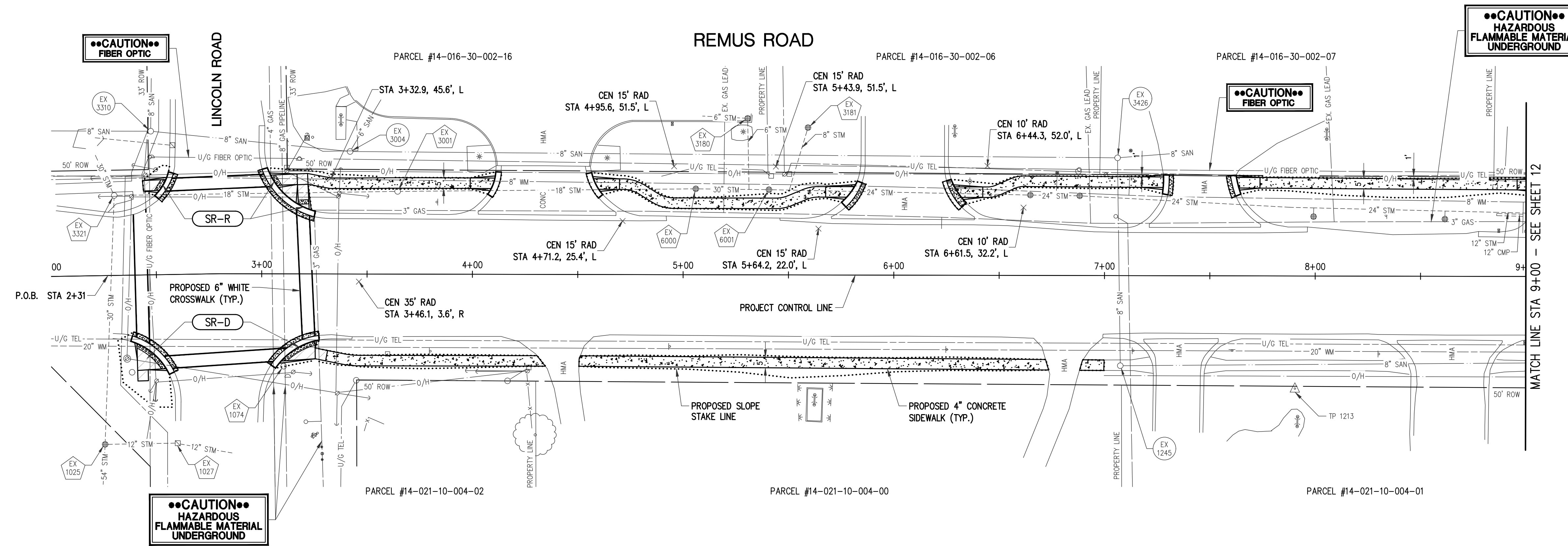
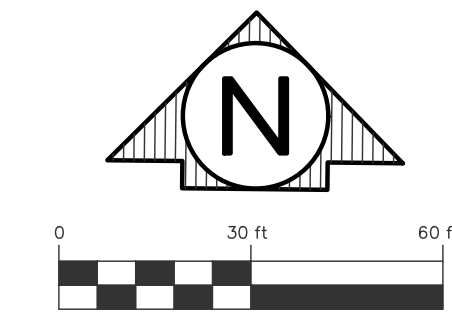
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REMOVED ROAD (M-20) SIDEWALK
STA 16+00 TO STA 29+77 (P.O.E.)
REMOVED SHEET

REV: _____
SHEET # **9** OF 17
JOB No: 21M0030

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CAUTION
HAZARDOUS
FLAMMABLE MATERIAL
UNDERGROUND

CAUTION
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CAUTION
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CAUTION
HAZARDOUS
FLAMMABLE MATERIAL
UNDERGROUND

MATCH LINE STA 9+00 - SEE SHEET 12

SHEET QUANTITIES

DESCRIPTION	QUANTITY	UNITS
Pavt Repr, HMA	34	Syd
Curb Ramp Opening, Conc	120	Ft
Detectable Warning Surface	55	Ft
Sidewalk Ramp, Conc, 6 inch	520	Sft
Sidewalk, Conc, 4 inch	3,990	Sft
Pavt Mrlng, Ovtly Cold Plastic, 6 inch, Crosswalk	445	Ft



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PLAN SUBMITTALS AND CHANGES

BIDDING DOCUMENTS	
DATE	DESCRIPTION
8/6/21	ISSUED FOR BIDS

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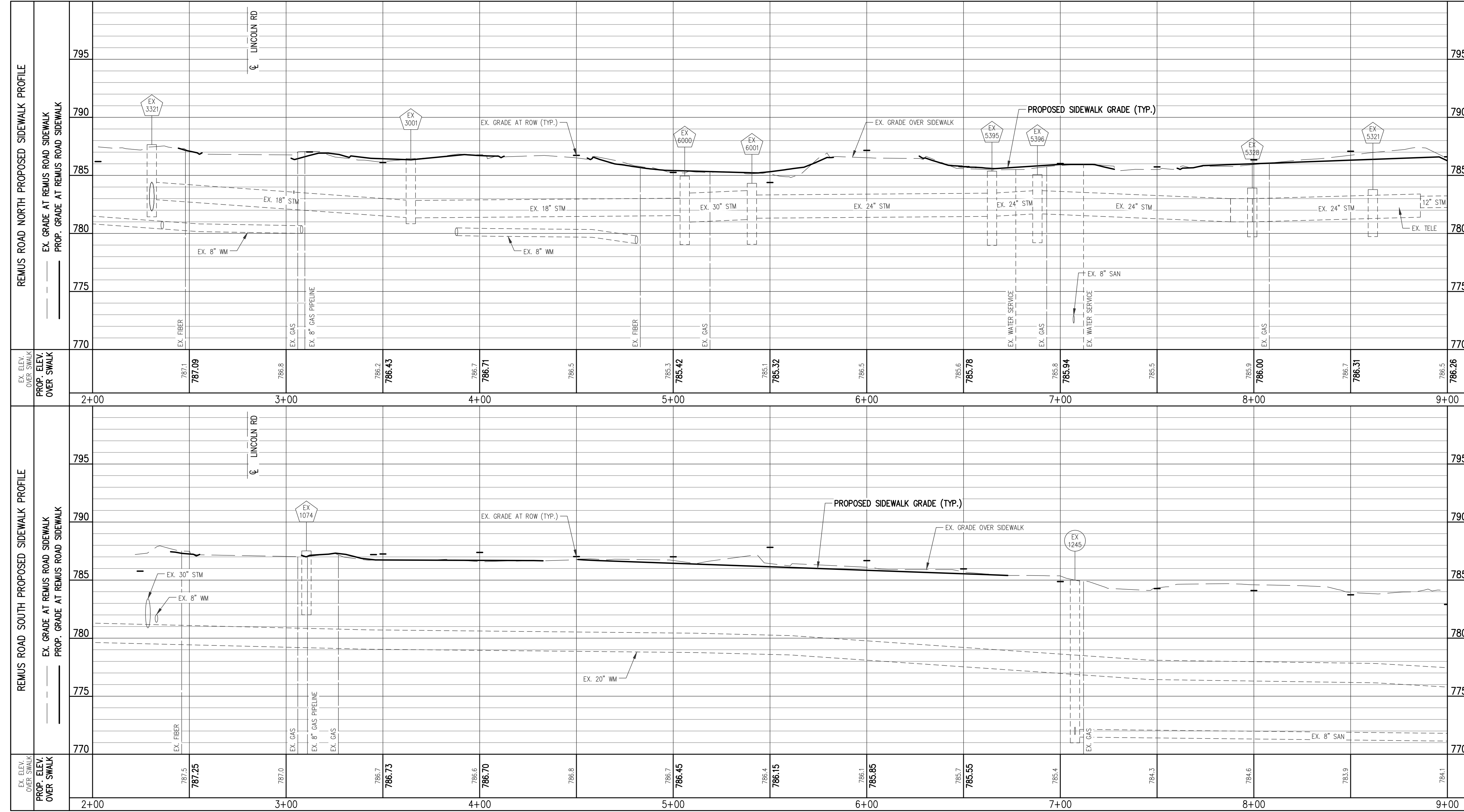
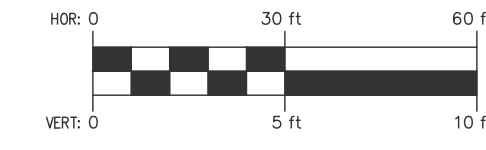
SHT# 10 OF 17
JOB No: 21M0030

PLAN DATE: AUGUST 2021
PROJECT MGR: JBM
REVIEWER: DER
SCALE: 1" = 30'

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REMUS ROAD (M-20) SIDEWALK
STA 2+31 (P.O.B.) TO STA 9+00
PLAN SHEET



PLAN SUBMITTALS AND CHANGES	
BIDDING DOCUMENTS	
DATE	DESCRIPTION
8/6/21	ISSUED FOR BIDS

PLAN DATE: AUGUST 2021
 PROJECT MGR: JBM
 REVIEWER: DER
 SCALE: HORZ: 1"=30'; VERT: 1"=5'

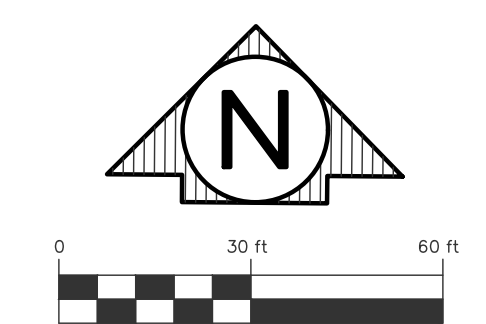
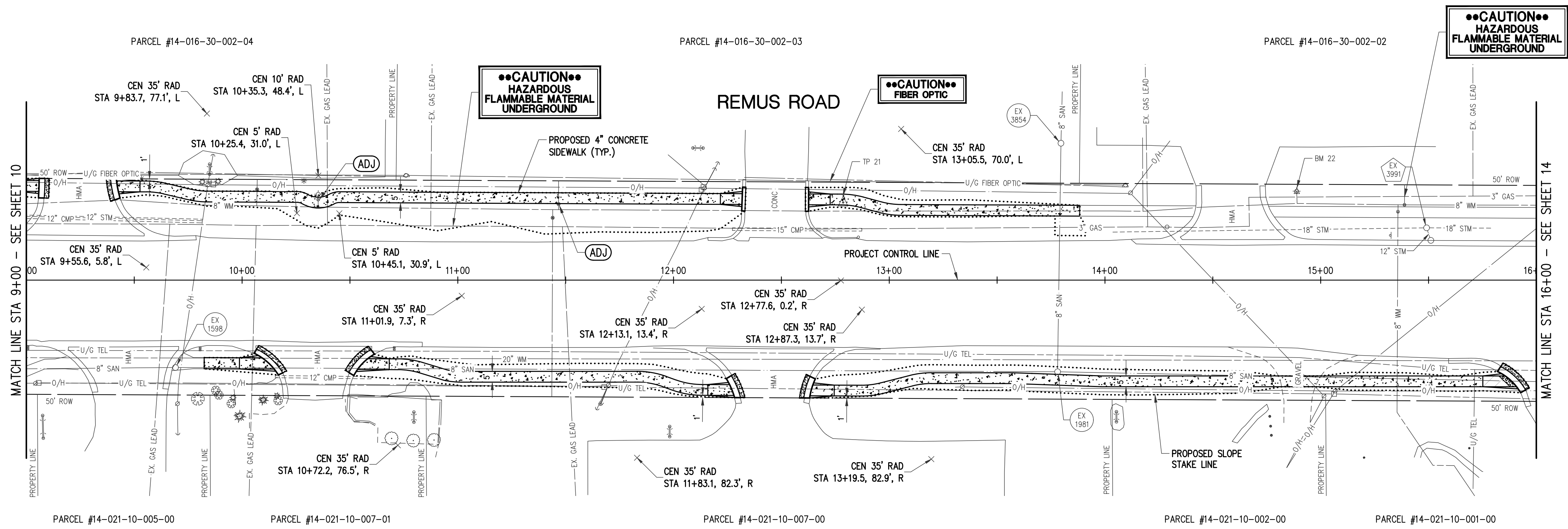
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REBUS ROAD (M-20) SIDEWALK
 STA 2+31 (P.O.B.) TO STA 9+00
 PROFILE SHEET

REV: _____
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 JOB No: 21M0030

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PLAN DATE: AUGUST 2021
 PROJECT MGR: JBM
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 SCALE: 1" = 30'

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 STA 9+00 TO STA 16+00
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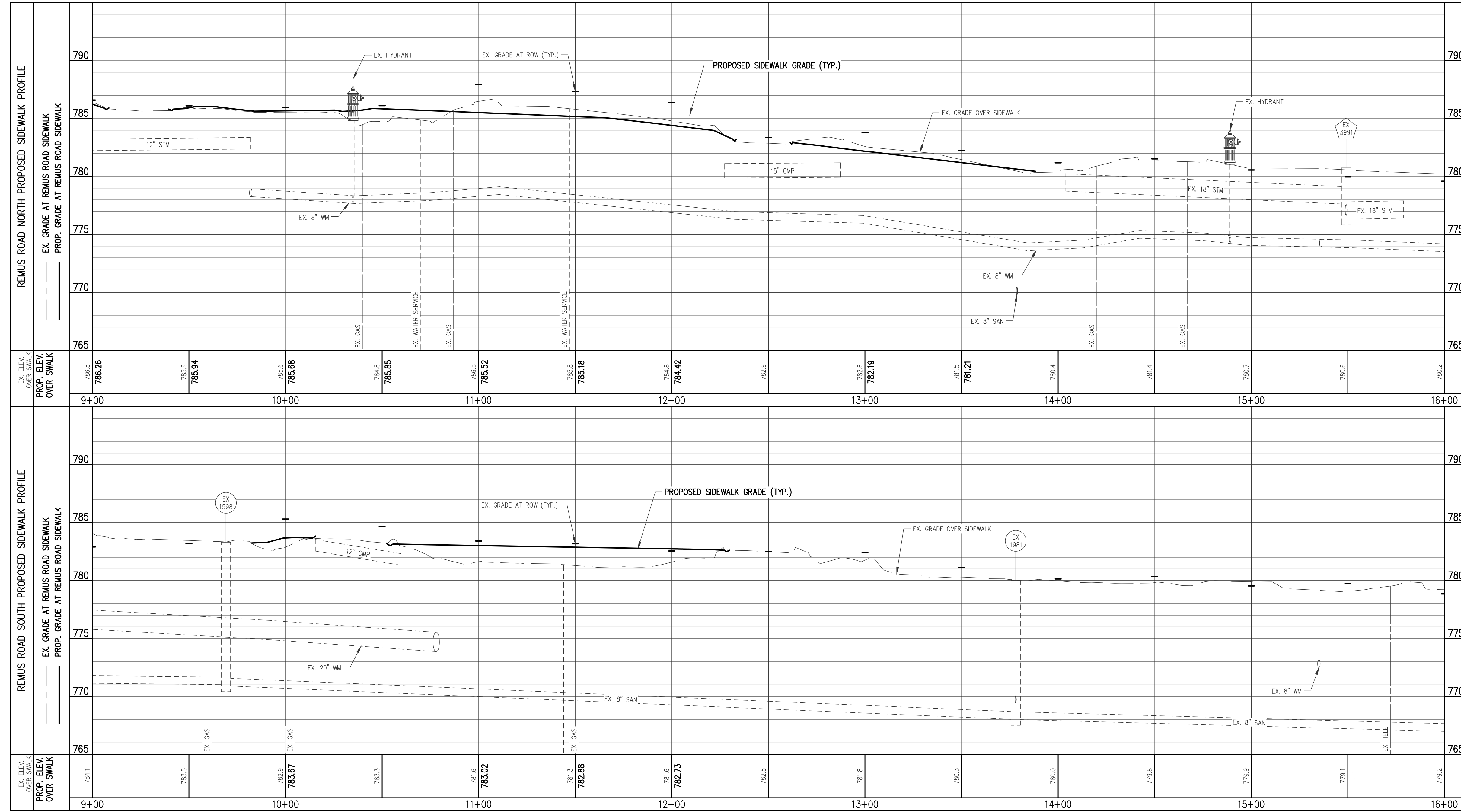
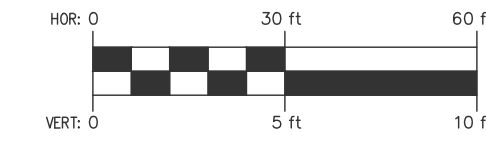
SHEET QUANTITIES		
DESCRIPTION	QUANTITY	UNITS
Pavt Repr, HMA	25	Syd
Curb Ramp Opening, Conc	105	Ft
Detectable Warning Surface	8	Ft
Sidewalk Ramp, Conc, 6 inch	80	Sft
Sidewalk, Conc, 4 inch	4,780	Sft
Curb Stop and Box, Adj, Case 1	1	Ea
Gate Box, Adj, Case 1	1	Ea



PLAN SUBMITTALS AND CHANGES	
BIDDING DOCUMENTS	
DATE	DESCRIPTION
8/6/21	ISSUED FOR BIDS


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 SHT# 12 OF 17
 JOB No: 21M0030

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PLAN SUBMITTALS AND CHANGES	
BIDDING DOCUMENTS	
DATE	DESCRIPTION
8/6/21	ISSUED FOR BIDS

PLAN DATE: AUGUST 2021
 PROJECT MGR: JBM
 REVIEWER: DER
 SCALE: HORZ: 1"=30'; VERT: 1"=5'

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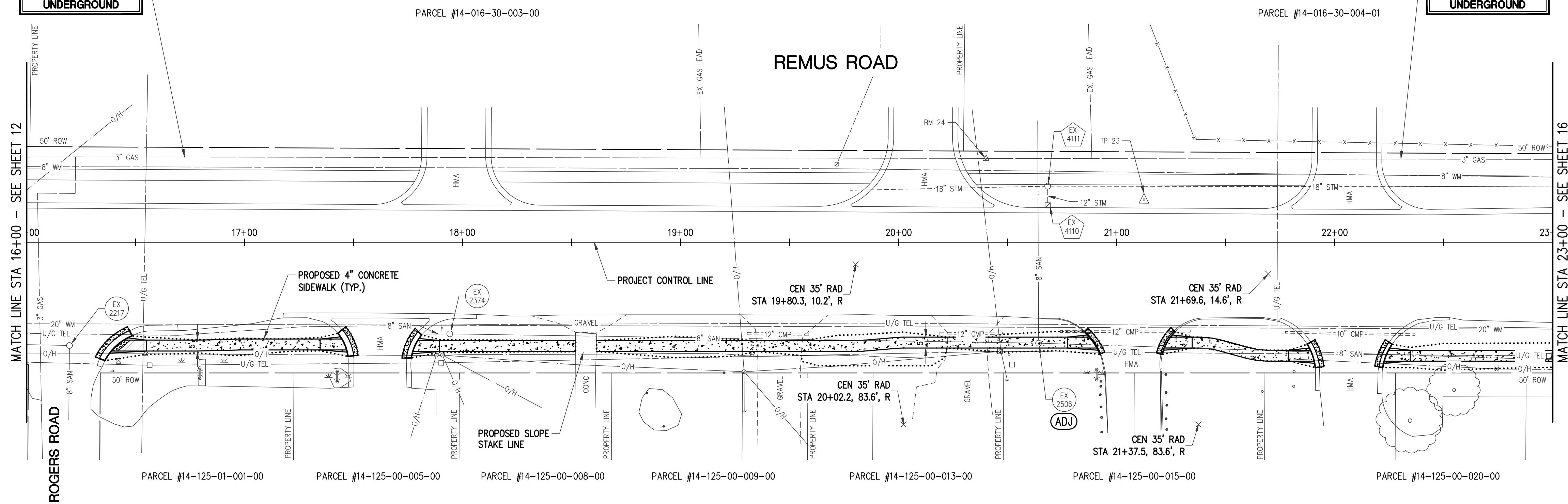
PREPARED FOR
CHARTER TOWNSHIP OF UNION
REMUS ROAD (M-20) SIDEWALK
 STA 9+00 TO STA 16+00
 PROFILE SHEET

REV: _____
 SHT# 13 OF 17
 JOB No: 21M0030

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●●CAUTION●●
HAZARDOUS
FLAMMABLE MATERIAL
UNDERGROUND

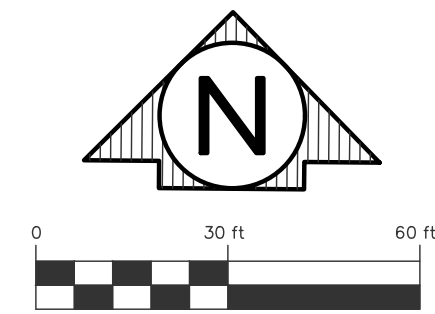
●●CAUTION●●
HAZARDOUS
FLAMMABLE MATERIAL
UNDERGROUND



MATCH LINE STA 16+00 - SEE SHEET 12

MATCH LINE STA 23+00 - SEE SHEET 16

SHEET QUANTITIES		
DESCRIPTION	QUANTITY	UNITS
Pavt Repr, HMA	23	Syd
Curb Ramp Opening, Conc	90	Ft
Detectable Warning Surface	8	Ft
Sidewalk Ramp, Conc, 6 inch	85	Sft
Sidewalk, Conc, 4 inch	2,755	Sft
Dr Structure Cover, Adj, Case 1	1	Ea



PLAN DATE: AUGUST 2021
PROJECT MGR: JBM
REVIEWER: DER
SCALE: 1" = 30'

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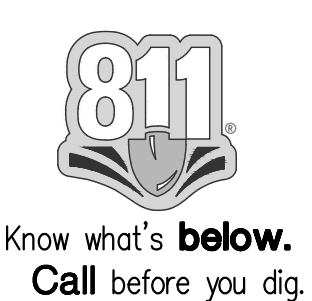
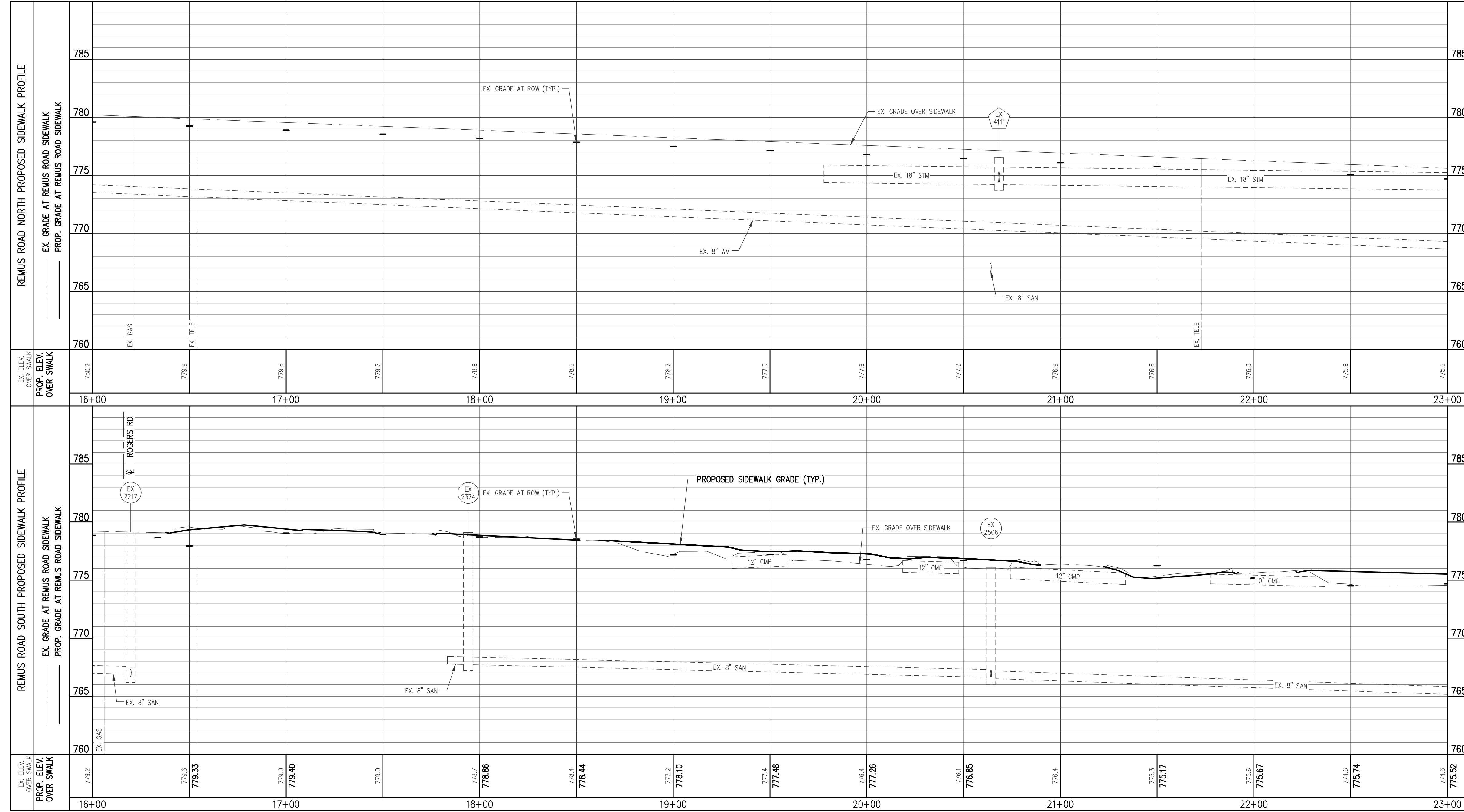
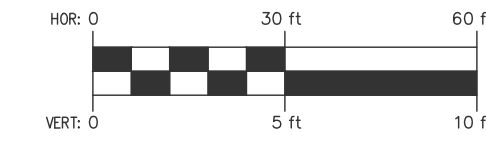
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CHARTER TOWNSHIP OF UNION
REMUS ROAD (M-20) SIDEWALK
STA 16+00 TO STA 23+00
PLAN SHEET



PLAN SUBMITTALS AND CHANGES	
BIDDING DOCUMENTS	
DATE	DESCRIPTION
8/6/21	ISSUED FOR BIDS

REV:
SHT# 14 OF 17
JOB No: 21M0030



PLAN SUBMITTALS AND CHANGES	
BIDDING DOCUMENTS	
DATE	DESCRIPTION
8/6/21	ISSUED FOR BIDS

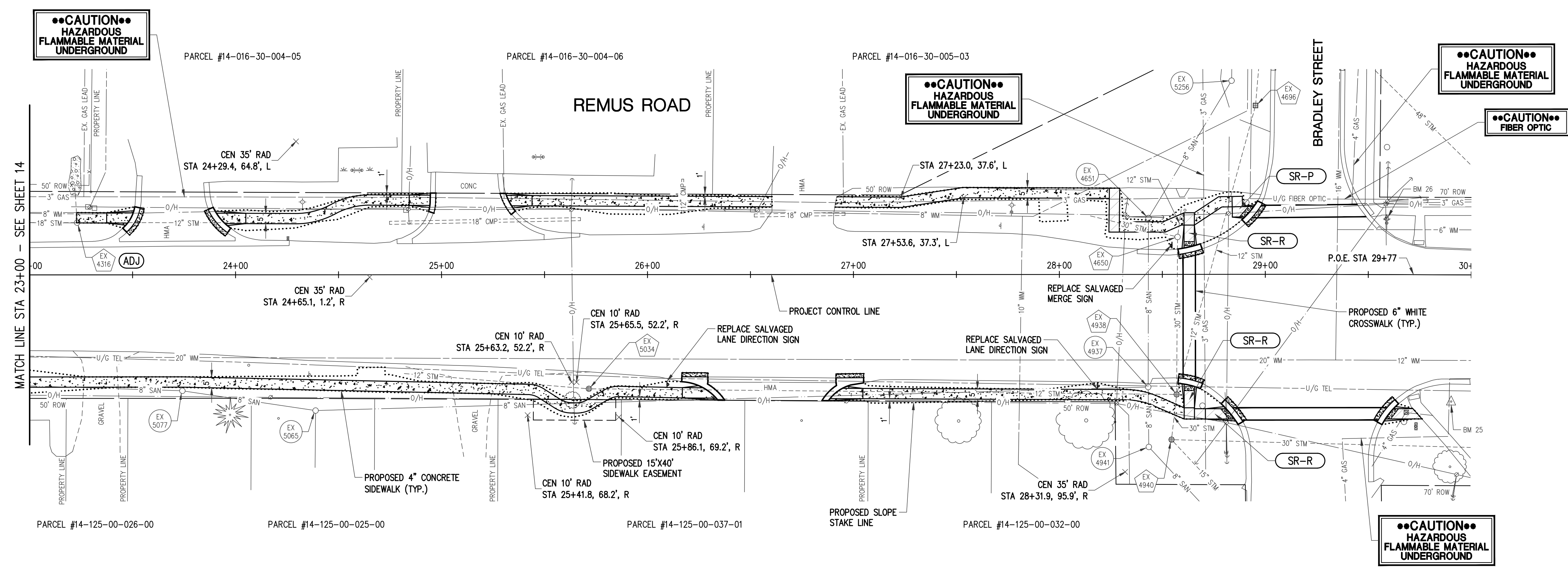
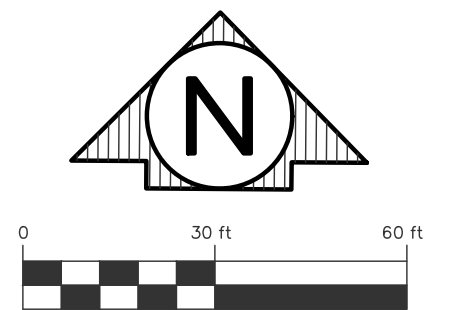
PLAN DATE: AUGUST 2021
 PROJECT MGR: JBM
 REVIEWER: DER
 SCALE: HORZ: 1"=30'; VERT: 1"=5'

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REMUS ROAD (M-20) SIDEWALK
 STA 16+00 TO STA 23+00
 PROFILE SHEET

REV: _____
 SHT# 15 OF 17
 JOB No: 21M0030

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MATCH LINE STA 23+00 - SEE SHEET 14

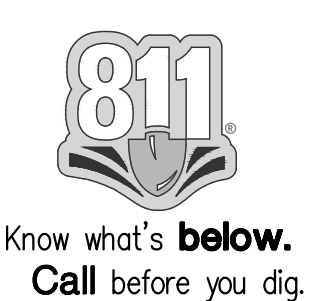
PLAN DATE: AUGUST 2021
 PROJECT MGR: JBM
 REVIMER: DER
 SCALE: 1" = 30'

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CHARTER TOWNSHIP OF UNION
REMUS ROAD (M-20) SIDEWALK
 STA 23+00 TO STA 29+77 (P.O.E.)
 PLAN SHEET

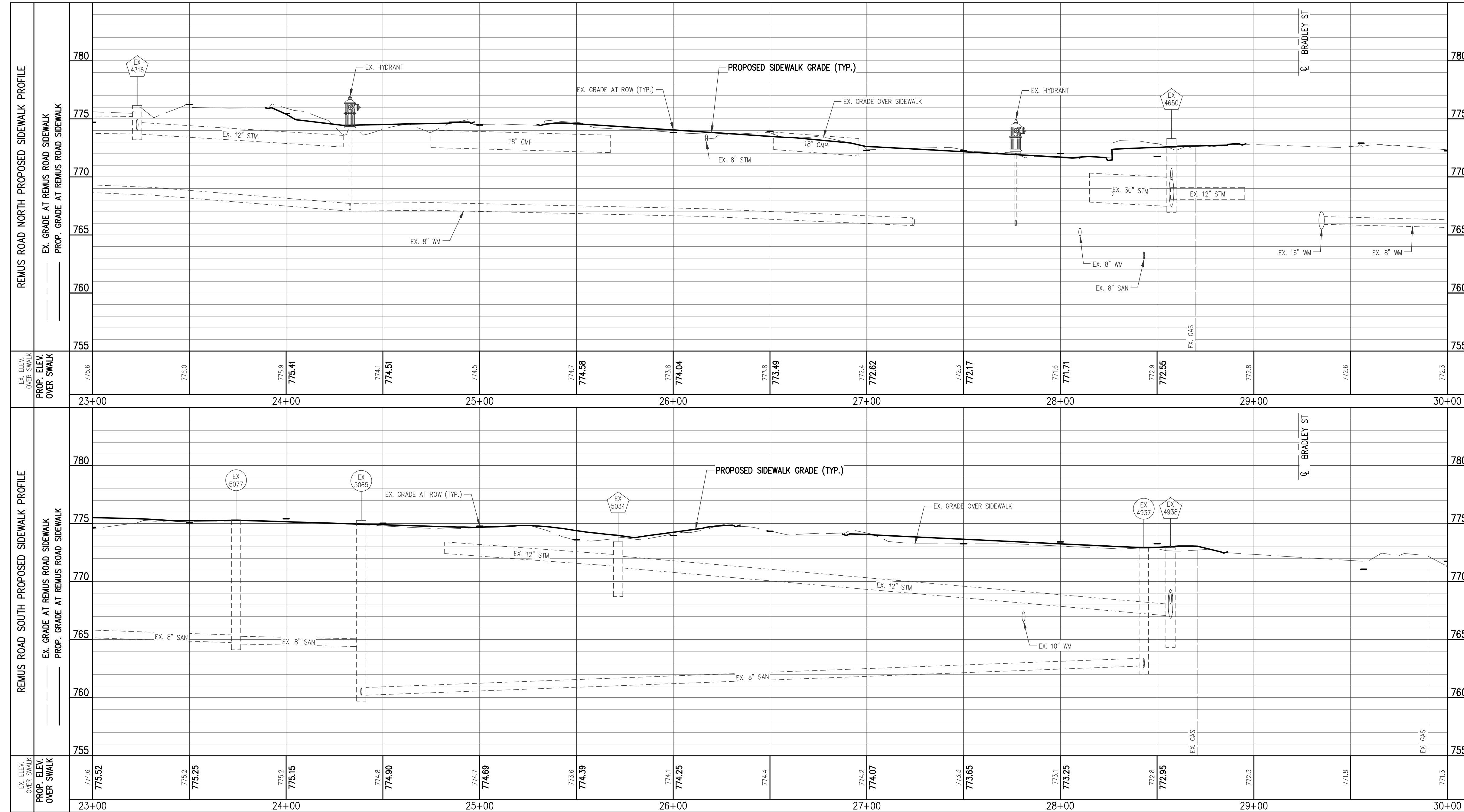
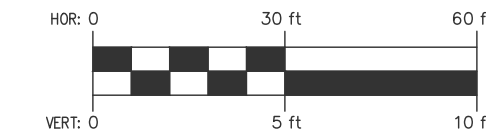
SHEET QUANTITIES		
DESCRIPTION	QUANTITY	UNITS
Pavt Repr, HMA	25	Syd
Curb Ramp Opening, Conc	120	Ft
Driveway Opening, Conc, Det M	30	Ft
Detectable Warning Surface	31	Ft
Sidewalk Ramp, Conc, 6 inch	545	Sft
Sidewalk, Conc, 4 inch	4,825	Sft
Pavt Mrkg, Ovlly Cold Plastic, 6 inch, Crosswalk	370	Ft
Dr Structure Cover, Adj, Case 1	1	Ea
Sign, Type III, Erect, Salv	3	Ea



PLAN SUBMITTALS AND CHANGES	
BIDDING DOCUMENTS	
DATE	DESCRIPTION
8/6/21	ISSUED FOR BIDS

REV: _____
 SHT# 16 OF 17
 JOB No: 21M0030

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PLAN SUBMITTALS AND CHANGES	
BIDDING DOCUMENTS	
DATE	DESCRIPTION
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PLAN DATE: AUGUST 2021
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PREPARED FOR
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REMUS ROAD (M-20) SIDEWALK
 STA 23+00 TO STA 29+77 (P.O.E.)
 PROFILE SHEET

REV: _____
 SHT# 17 OF 17
 JOB No: 21M0030

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