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# CITY OF KALAMAZOO

IN CO-OPERATION WITH  
MICHIGAN DEPARTMENT OF TRANSPORTATION



KALAMAZOO COUNTY

COUNTY KEY

## INDEX OF PLANS

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- 2 NOTE SHEET
- 3 TYPICAL CROSS SECTIONS
- 4-7 PLAN SHEETS
- 8 GRADING AND DRAINAGE DETAILS SHEET
- 9-10 PAVEMENT MARKING SHEETS

# MILLER ROAD REHABILITATION

EMERALD DRIVE TO SPRINKLE ROAD  
PROJECT NUMBER - 212227A



**PROJECT LIMITS**  
POB STA 11+25 TO POE STA 63+22



THE IMPROVEMENTS COVERED BY THESE PLANS SHALL BE DONE IN ACCORDANCE WITH THE MDOT 2020 STANDARD SPECIFICATIONS FOR CONSTRUCTION AS AMENDED BY SUPPLEMENTAL SPECIFICATIONS AND SPECIAL PROVISIONS, UNLESS OTHERWISE SPECIFIED.

PROJECT LENGTH: 1 MILE

PROJECT DESCRIPTION: REHABILITATION OF MILLER ROAD STARTING AT THE INTERSECTION OF EMERALD DRIVE EAST TO THE INTERSECTION OF SPRINKLE ROAD. PROJECT TO INCLUDE MILLING AND 3" HMA OVERLAY OF ENTIRE LENGTH. SELECT COMMERCIAL DRIVES (POB TO STA 26+00) TO HAVE APPROACH WORK UPDATED. NEW CURB AND GUTTER TO BE INSTALLED FROM THE POB (STA 11+25) TO THE RAILROAD TRESTLE (STA 16+15). GUTTER PAN WITH TRENCH DRAIN TO BE INSTALLED UNDER RAILROAD TRESTLE TO CORRECT DRAINAGE ISSUES. STORM SEWER REPAIRS AND ADJUSTMENTS AS NEEDED ALL ALONG THE PROJECT CORRIDOR. EXISTING GUARDRAIL AT RAILROAD TRESTLE TO BE BROUGHT UP TO CURRENT MDOT STANDARDS. BRIDGE AT DAVIS CREEK TO HAVE NEW PEDESTRIAN FENCING AND GUARDRAIL INSTALLED.

TRAFFIC DATA  
ADT 2021 = 7083  
ADT 2041 = 12819  
6% COMMERCIAL  
SPEED LIMIT = 40 MPH

PLANS PREPARED BY:



1925 BRETON ROAD SE, SUITE 100  
GRAND RAPIDS, MICHIGAN 49506

PREPARED UNDER THE SUPERVISION OF:



*Bartlett E. Franklin* 1-26-2022  
BARTLETT E. FRANKLIN, P.E. DATE

MUNICIPAL APPROVAL:



ANTHONY LADD, PE  
REGISTERED PROFESSIONAL ENGINEER

CITY OF KALAMAZOO  
ORGANIZATION

PUBLIC WORKS DIVISION MANAGER

TITLE

SIGNATURE

DATE

GENERAL NOTES

PUBLIC UTILITIES

MISS DIG/UNDERGROUND UTILITY NOTIFICATION

FOR THE PROTECTION OF UNDERGROUND UTILITIES AND IN CONFORMANCE WITH PUBLIC ACT 174 OF 2013, THE CONTRACTOR SHALL CONTACT MISS DIG SYSTEM, INC. BY PHONE AT 811 OR 800-482-7171 OR VIA THE WEB AT EITHER ELOCATE.MISSDIG.ORG FOR SINGLE ADDRESS OR RTE.MISSDIG.ORG, A MINIMUM OF 3 BUSINESS DAYS PRIOR TO EXCAVATING, EXCLUDING WEEKENDS AND HOLIDAYS.

THE EXISTING UTILITY COMPANIES LISTED BELOW REPRESENT THE BEST INFORMATION AVAILABLE. THIS INFORMATION DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY TO SATISFY HIMSELF AS TO ITS ACCURACY OR HIS RESPONSIBILITY, IN CASE UTILITIES HAVE BEEN CONSTRUCTED OR REMOVED.

UTILITY CONTACTS table with columns for utility name, contact name, and phone number.

EARTHWORK

EARTH EXCAVATION BEHIND EXISTING OR REPAIRED CURB AND GUTTER TO BE RESTORED AS SPECIFIED IN SPECIAL PROVISION "BERM GRADING, MODIFIED."

ALL EXCAVATED MATERIALS WILL BECOME THE PROPERTY OF THE CONTRACTOR. ANY EXCAVATED MATERIAL NOT USED ON THE PROJECT WILL BE REMOVED FROM THE SITE AND DISPOSED OF IN ACCORDANCE WITH SECTION 205.03 P. OF THE 2020 STANDARDS FOR CONSTRUCTION AND ANY APPLICABLE STATE AND/OR LOCAL ORDINANCES.

SOIL EROSION MEASURES

APPROPRIATE SOIL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO EARTH-DISTURBING ACTIVITIES. PLACE EARTH ESTABLISHMENT ITEMS AS SOON AS POSSIBLE ON POTENTIAL ERODABLE SLOPES AS DIRECTED BY ENGINEER.

SILT FENCE TO BE PLACED AS SHOWN ON PLANS AND AS DIRECTED BY ENGINEER.

INLET PROTECTION, FABRIC DROP TO BE PLACED IN ALL DRAINAGE STRUCTURES LOCATED WITHIN THE PROJECT AREA PRIOR TO THE COMMENCEMENT OF THE PROJECT.

TURF ESTABLISHMENT

TURF ESTABLISHMENT SHALL BE PLACED PER THE PLANS AND/OR AS DIRECTED BY THE ENGINEER.

LANDSCAPING

EXISTING VEGETATION SHALL NOT BE DAMAGED DURING CONSTRUCTION OPERATIONS, PER THE 2020 STANDARDS FOR CONSTRUCTION.

LAWN SPRINKLER SYSTEMS AND LANDSCAPING

OWNERS OF KNOWN LAWN SPRINKLER SYSTEMS SHALL BE NOTIFIED BY THE CONTRACTOR A MINIMUM OF 72 HOURS IN ADVANCE OF ANY WORK TO BE DONE THAT WILL AFFECT THOSE SYSTEMS. MODIFICATIONS TO THE SYSTEMS ARE THE RESPONSIBILITY OF THE OWNERS AND ARE NOT A PART OF THIS CONTRACT.

OWNERS OF LAWN SPRINKLER SYSTEMS THAT WERE UNKNOWN TO THE CONTRACTOR AT THE BEGINNING OF WORK AND UNCOVERED DURING THE WORK FOR THIS CONTRACT, SHALL BE NOTIFIED AS SOON AS POSSIBLE AND NO LATER THAN 24 HOURS AFTER DISCOVERY OF THE SYSTEM. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER FOR PLACEMENT OUTSIDE THE IMMEDIATE WORK AREA UNTIL MODIFICATIONS CAN TAKE PLACE. MODIFICATIONS TO THE SYSTEMS ARE THE RESPONSIBILITY OF THE OWNERS AND ARE NOT A PART OF THIS CONTRACT.

SIGNS

EXISTING SIGN RELOCATION

ANY PERMANENT SIGNS REQUIRING RELOCATION DUE TO CONTRACTOR OPERATIONS SHALL BE SALVAGED AND RESET BY THE CONTRACTOR AT LOCATIONS DESIGNATED BY THE ENGINEER. SIGNS AND POSTS DAMAGED DURING THE REMOVAL AND STORAGE OPERATIONS SHALL BE REPLACED WITH NEW SIGNS AND POSTS. THE COST OF THIS WORK SHALL BE BORNE BY THE CONTRACTOR.

SIGN LAYOUT

SIGN LAYOUTS SHALL BE DONE ACCORDING TO THE CURRENT ENGLISH EDITION OF "STANDARD HIGHWAY SIGNS" MANUAL OR AS DETAILED IN PLANS. LEGEND LENGTH SHALL BE DETERMINED USING THE "SIGNCAD" SOFTWARE.

SHEETING

HANDLING AND INSTALLATION OF ALL SIGNS SHALL CONFORM TO THE SHEETING MANUFACTURER'S SPECIFICATIONS AND GUIDELINES AND MDOT SPECIAL DETAIL SIGN-200-SERIES, EXCEPT AS NOTED BELOW IN SIGN INSTALLATION NOTES.

SIGNS THAT HAVE BEEN WRINKLED OR TWISTED SHEETING MAY BE REJECTED. SIGNS SHALL NOT HAVE BACKERPLATES INSTALLED.

MAILBOXES

ANY MAILBOXES REQUIRING RELOCATION DUE TO CONTRACTOR OPERATIONS SHALL BE RESET ON NEW POSTS BY THE CONTRACTOR. THE COST OF THIS WORK TO BE BORNE BY THE CONTRACTOR.

PAVEMENT MARKINGS

NEW PAVEMENT MARKINGS TO BE PLACED FOLLOWING CURRENT LAYOUT WITH ADJUSTMENTS TO NARROWER LANE WIDTHS AS SHOWN ON THE PLANS. PRIOR TO PERMANENT PLACEMENT OF PAVEMENT MARKINGS, CONTRACTOR SHALL LAYOUT PROPOSED PAVEMENT MARKINGS. CONTRACTOR TO PROVIDE THE ENGINEER DOCUMENTED NOTICE OF AT LEAST 2 CALENDAR DAYS PRIOR TO THE CONTRACTOR'S PAVEMENT MARKING CREW ARRIVING ONSITE TO LAYOUT. CONTRACTOR TO NOTIFY THE ENGINEER IF IT IS DISCOVERED DURING LAYOUT THAT THE PAVEMENT WIDTH OR GEOMETRY HAS BEEN ALTERED OR IS DIFFERENT FROM THE PLANNED CONFIGURATION. THE CONTRACTOR AND ENGINEER WILL DISCUSS AND DOCUMENT THE RESOLUTION FOR MARKING LAYOUT IN SUCH AREAS. THE ENGINEER MUST APPROVE THE LAYOUT PRIOR TO APPLICATION.

PLAN SCALE

THE FINAL PLANS SUBMITTED WITH THE PROPOSAL ARE NOT TO SCALE.

RAILROAD CONTACTS table with columns for railroad name, contact name, and phone number.

SPECIAL CONSIDERATIONS AT RAILROAD CROSSINGS

ANY WORK (OR EQUIPMENT BEING STAGED ONSITE DURING THE WORK) PERFORMED AT OR NEAR A RAILROAD CROSSING MUST NOT OBSTRUCT THE VIEW OF FLASHING LIGHT UNITS OR GATES TO ONCOMING TRAFFIC AT ANY TIME.

DO NOT EXTEND CLOSURE TAPER(S) THROUGH THE CROSSING. TRAFFIC LANE SHIFTS CANNOT TRANSITION OVER THE CROSSING.

DO NOT PLACE CONSTRUCTION TRAFFIC CONTROL DEVICES IN THE RAILROAD CROSSING OR CLOSER THAN 25 FEET FROM THE OUTSIDE RAIL ON EITHER CROSSING APPROACH.

A TRAFFIC REGULATOR IS REQUIRED AT THE RAILROAD CROSSING WHILE IT IS IN THE ZONE WHERE TRAFFIC IS BEING DIRECTED OVER A CROSSING IN OPPOSING DIRECTION THAN NORMAL. THE TRAFFIC REGULATOR WILL SERVE TO STOP TRAFFIC AND PREVENT THEM FROM ENTERING THE CROSSING UPON A TRAIN APPROACHING THE CROSSING. WHEN THE RAILROAD CROSSING IS IN THE INFLUENCE ZONE OF ACTIVE CONSTRUCTION WORK, BUT NOT A LANE CLOSURE, THE ROADWAY TRAFFIC REGULATOR WILL GIVE IMMEDIATE PREFERENCE TO CLEARING ANY TRAFFIC FROM BACKING UP OVER THE CROSSING.

PLACE A TEMPORARY STOP LINE AND SIGN R15-1 (CROSSBUCK) TO INDICATE THE STOPPING POINT IN ADVANCE OF THE CROSSING FOR VEHICLES TRAVELING IN A DIRECTION OPPOSED TO NORMAL FLOW. PLACE TEMPORARY W10-2 (ADVANCE WARNING) IF TRAFFIC IS SHIFTED AWAY FROM THE EXISTING SIGN.

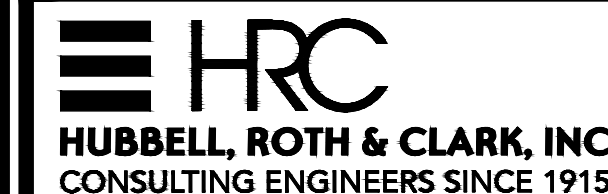
NIGHTTIME WORK OR NIGHTTIME TRAFFIC CONTROL THAT IMPACTS THE CROSSING REQUIRES APPROVAL FROM THE RAILROAD. THE CONTRACTOR IS REQUIRED TO PROVIDE LIGHTING TO ILLUMINATE TRAFFIC REGULATORS AND RAILROAD FLAGGERS WHEN NIGHTTIME WORK IS BEING PERFORMED. THIS APPROVAL MAY NECESSITATE TEMPORARY RAILROAD FLASHERS.

CHANGES IN CONTRACT DURING CONSTRUCTION PHASE THAT IMPACTS CROSSINGS REQUIRES APPROVAL FROM THE RAILROAD.

NOTES APPLYING TO STANDARD PLANS table with columns for Title and Plan No., covering ROAD, PAVEMENT MARKINGS, and SIGNING.

MISCELLANEOUS QUANTITIES table with columns for QTY, UNIT, and DESCRIPTION.

MAINTENANCE OF TRAFFIC QUANTITIES table with columns for QTY, UNIT, and DESCRIPTION.



1925 BRETON RD SE, SUITE 100 GRAND RAPIDS, MI 49506.

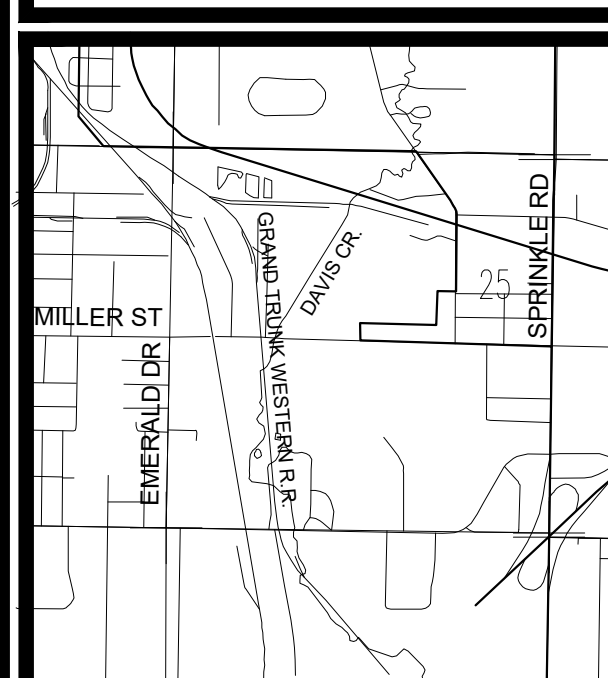
PHONE: (616) 649-9432

WEB SITE: http:// www.hrc-engr.com



Revision table with columns for date and description.

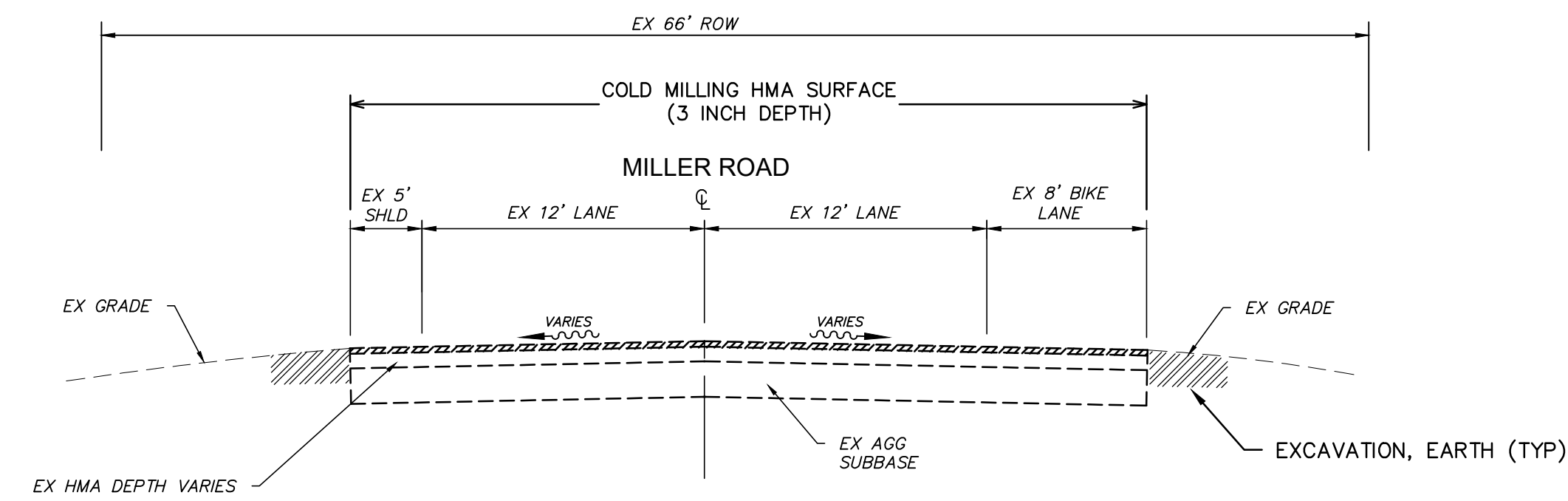
Approval table with columns for date, name, and role.



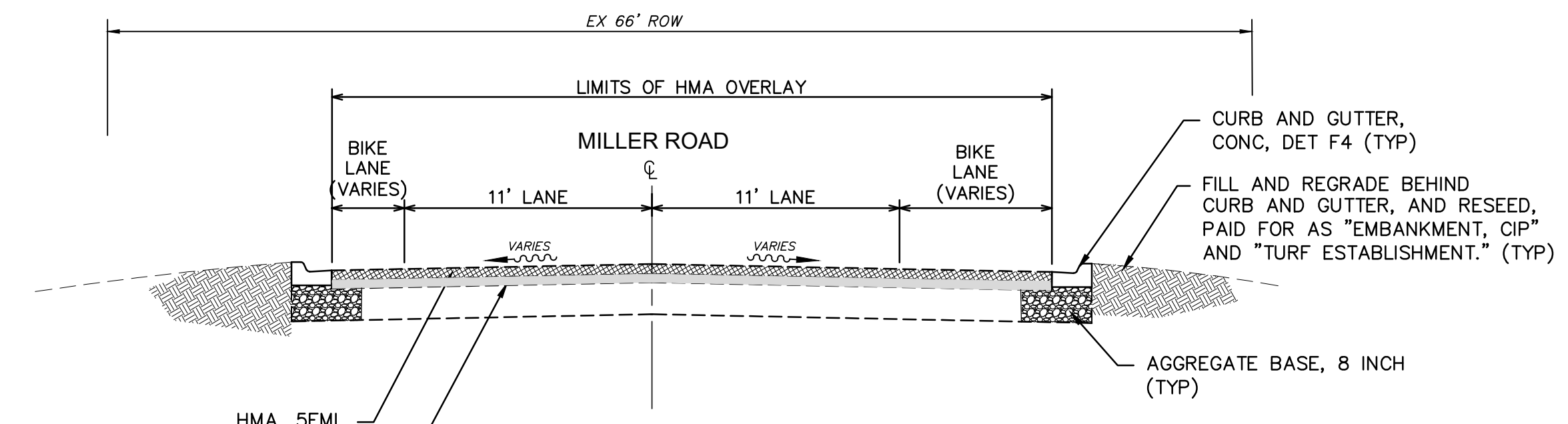
CITY OF KALAMAZOO MILLER ROAD REHABILITATION

NOTE SHEET

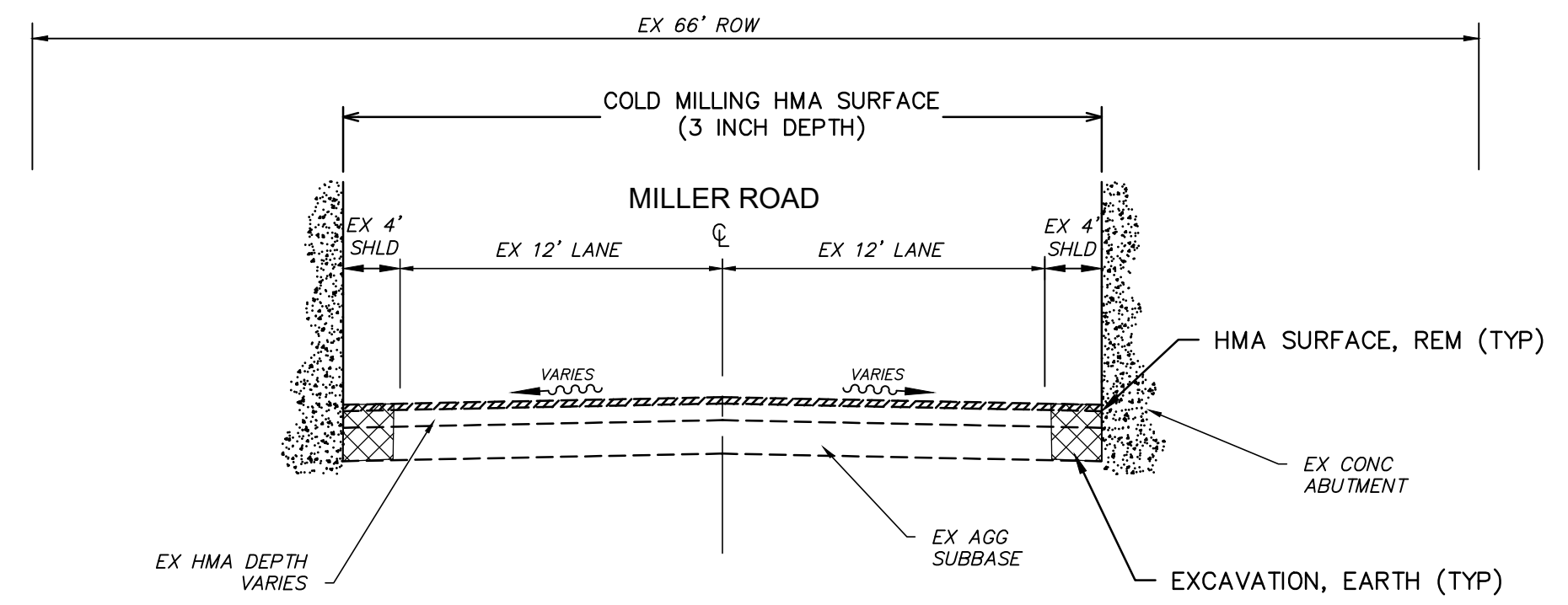
Table with columns for HRC JOB NO., SCALE, DATE, and SHEET NO.



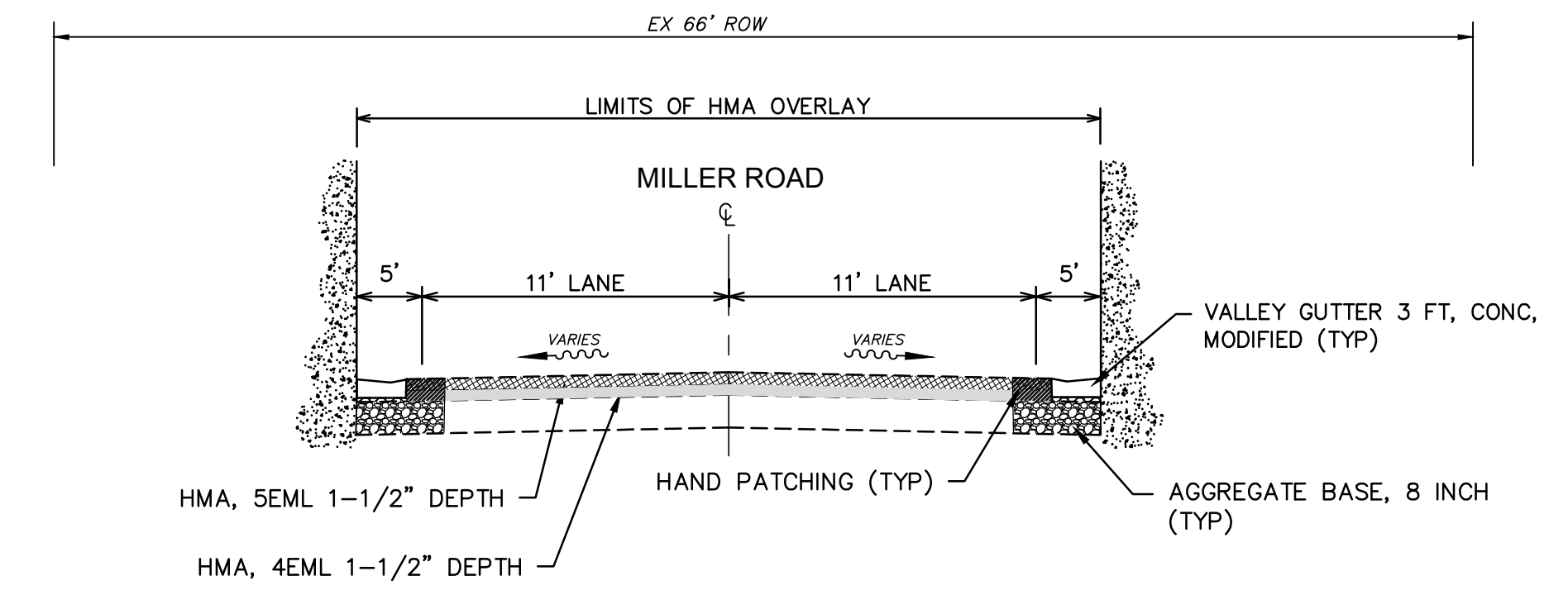
EXISTING TYPICAL REMOVAL SECTION  
APPLIES: POB STA 11+25 TO STA 16+15



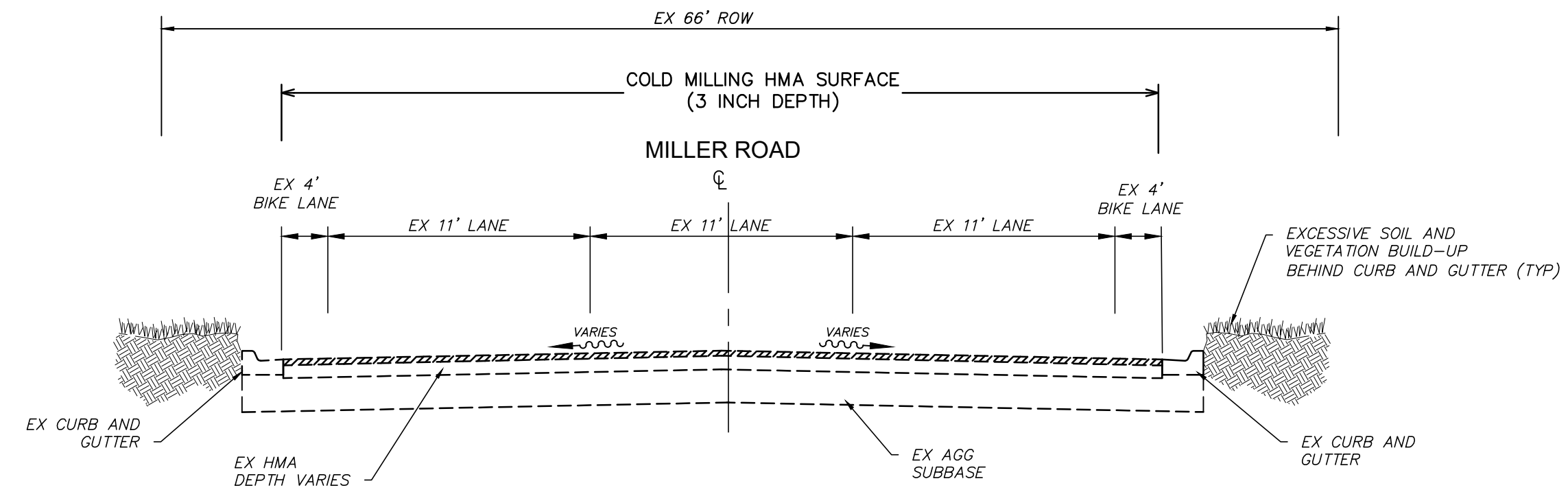
PROPOSED TYPICAL SECTION  
APPLIES: POB STA 11+25 TO STA 16+15



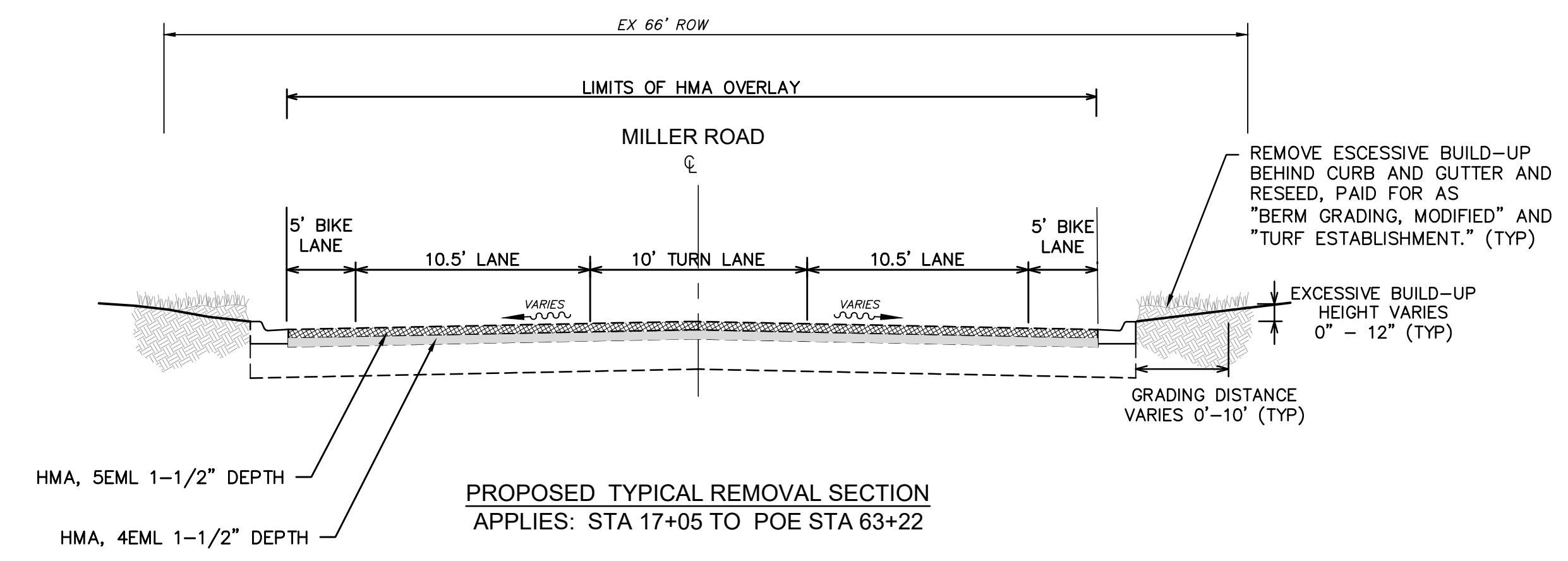
EXISTING TYPICAL REMOVAL SECTION  
APPLIES: STA 16+15 TO STA 17+05



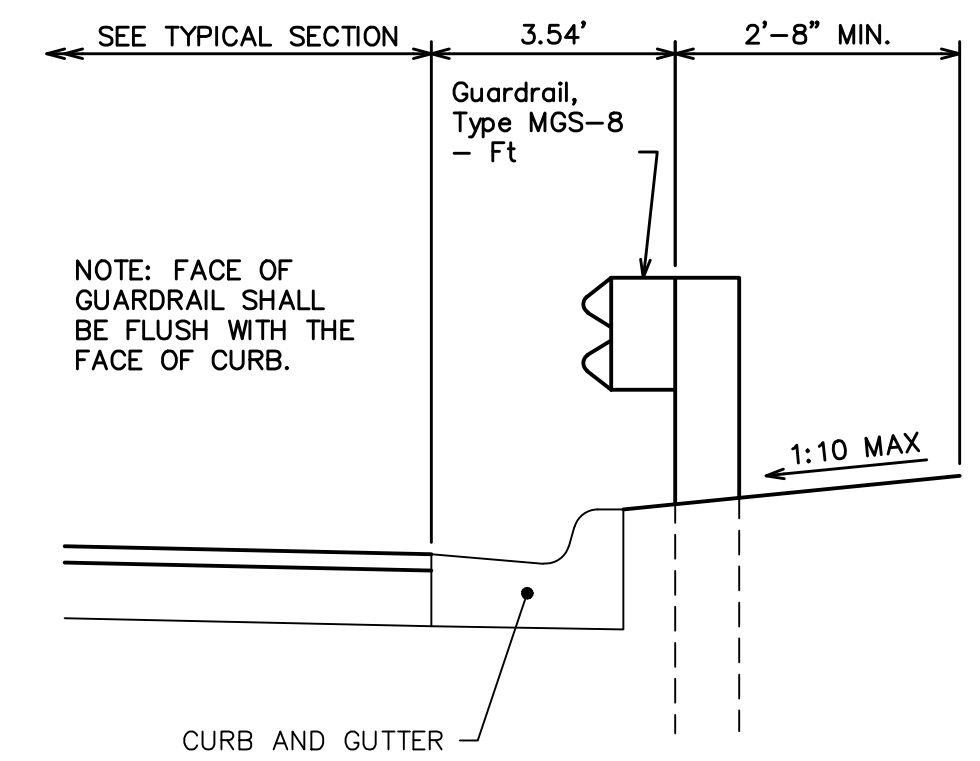
PROPOSED TYPICAL SECTION  
APPLIES: STA 16+15 TO STA 17+05



EXISTING TYPICAL REMOVAL SECTION  
APPLIES: STA 17+05 TO POE STA 63+22



PROPOSED TYPICAL REMOVAL SECTION  
APPLIES: STA 17+05 TO POE STA 63+22



GUARDRAIL DETAIL WITH CURB AND GUTTER  
NTS

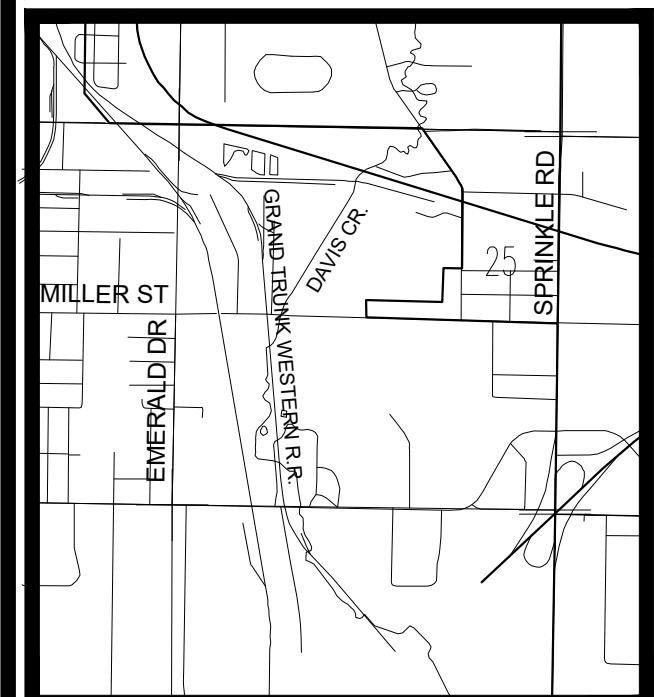
NOTE: FACE OF GUARDRAIL SHALL BE FLUSH WITH THE FACE OF CURB.

HMA APPLICATION ESTIMATE			
ITEM	RATE: LBS/ SYD	PERFORMANCE GRADE	REMARKS
HMA, 5EML	165 LBS/SYD (1.5 INCHES)	64-28	TOP COURSE
HMA, 4EML	165 LBS/SYD (1.5 INCHES)	64-28	LEVELING COURSE
HMA APPROACH, HIGH STRESS	165 LBS/SYD (1.5 INCHES) PER LIFT 330 LBS/SQYD (3 INCHES) TOTAL	70-28	COMMERCIAL DRIVES
HAND PATCHING	220 LBS/SYD (2 INCHES) PER LIFT 440 LBS/SQYD (4 INCHES) TOTAL	64-28	WHERE NEEDED
HMA BOND COAT	0.05 - 0.165 GAL/ SYD		FOR INFORMATION ONLY



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GRAND RAPIDS, MI 49506.  
PHONE: (616) 649-9432  
WEB SITE: <http://www.hrc-engr.com>

01/26/2022	FINAL PLAN SUBMITTAL
DATE	ADDITIONS AND/OR REVISIONS
DESIGNED	DRW
DRAWN	DRW
CHECKED	BEF
APPROVED	

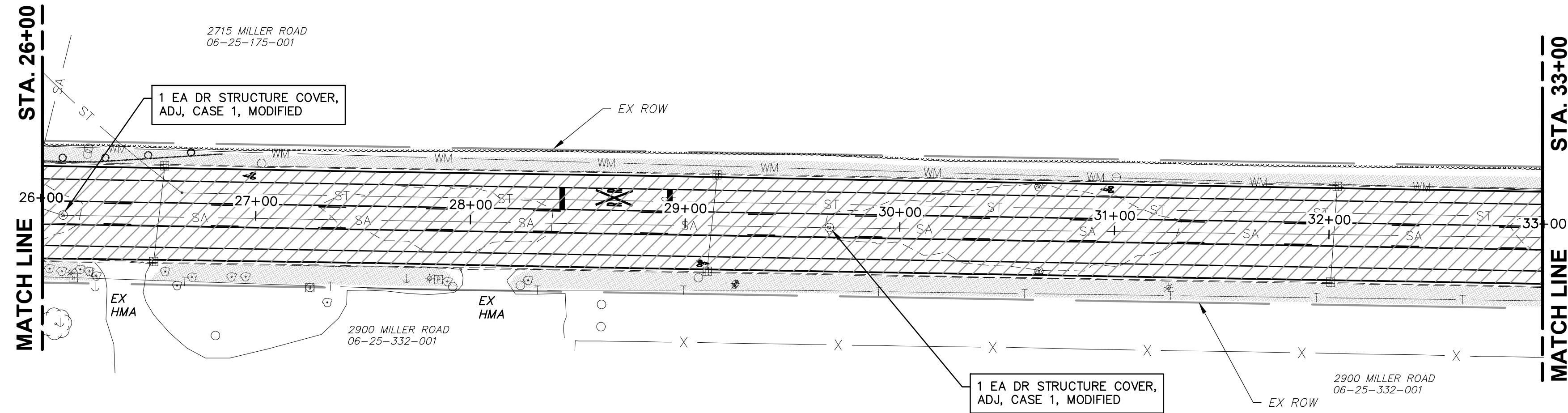
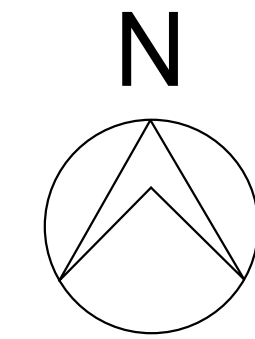


CITY OF  
**KALAMAZOO**  
MILLER ROAD  
REHABILITATION

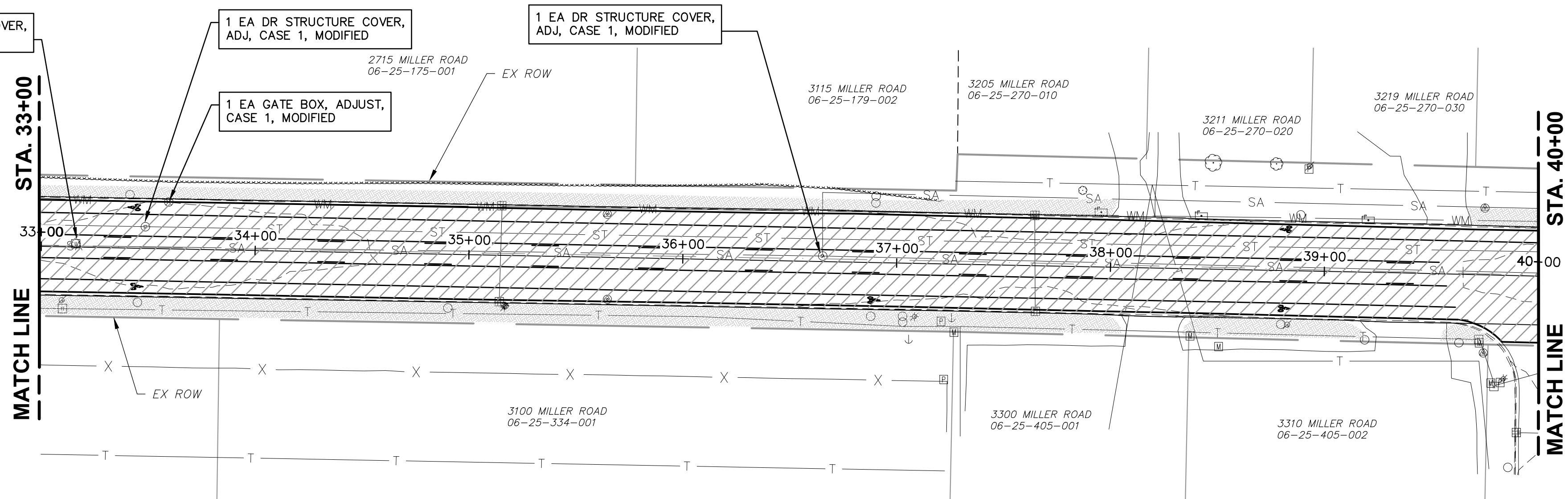
TYPICAL CROSS  
SECTIONS

HRC JOB NO. 20210105	SCALE NTS
DATE January 2022	SHEET NO. 3 OF 10





MILLER ROAD



MILLER ROAD

QUANTITIES THIS SHEET		
QTY	UNIT	DESCRIPTION
26	Sta	Berm Grading, Modified
5	Ea	Dr Structure Cover, Adj, Case 1, Modified
6594	Syd	Cold Milling HMA Surface
545	Ton	HMA, 4EML
545	Ton	HMA, 5EML
1	Ea	Gate Box, Adjust, Case 1, Modified

LEGEND

- COLD MILLING HMA SURFACE, 3 INCH DEPTH  
HMA, 4EML, 1.5 INCH DEPTH  
HMA, 5EML, 1.5 INCH DEPTH
- BERM GRADING, MODIFIED  
TURF ESTABLISHMENT



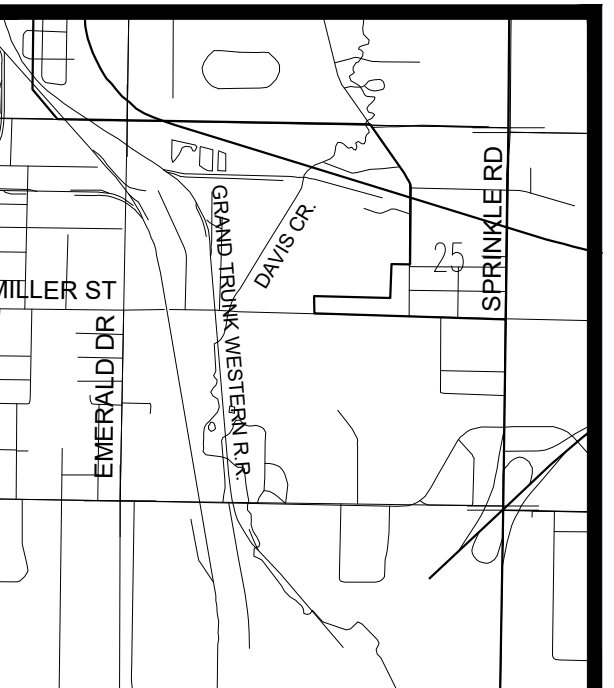
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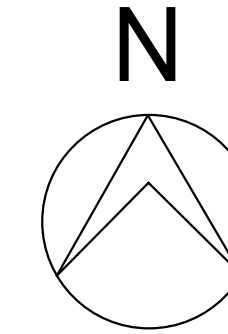
01/26/2022	FINAL PLAN SUBMITTAL
DATE	ADDITIONS AND/OR REVISIONS
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DRAWN	DRW
CHECKED	BEF
APPROVED	




CITY OF  
**KALAMAZOO**  
MILLER ROAD  
REHABILITATION

STA 26+00 TO STA 40+00

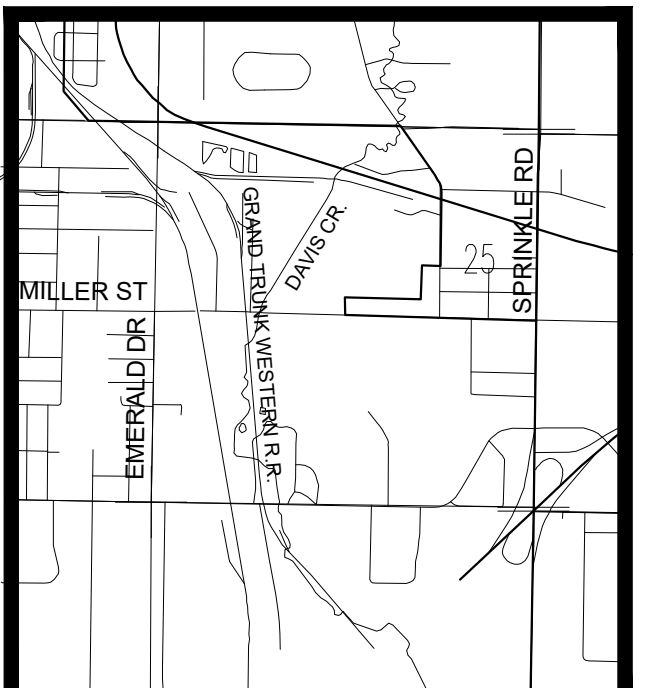
HRC JOB NO. 20210105	SCALE 1" = 40'
DATE January 2022	SHEET NO. 5 OF 10



**HRC**  
**HUBBELL, ROTH & CLARK, INC.**  
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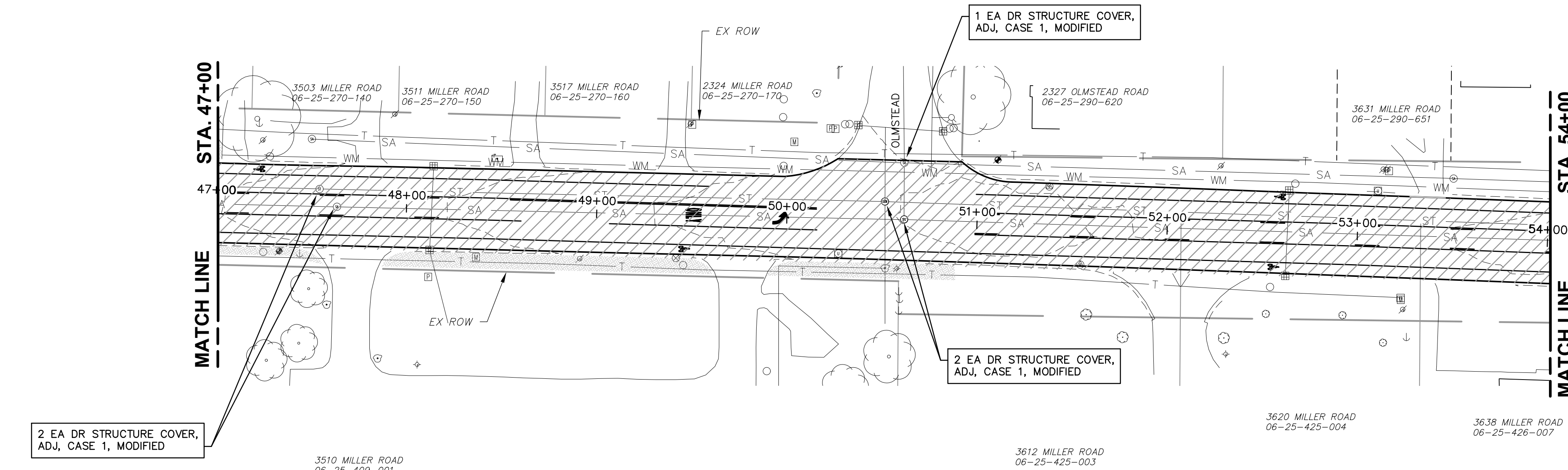
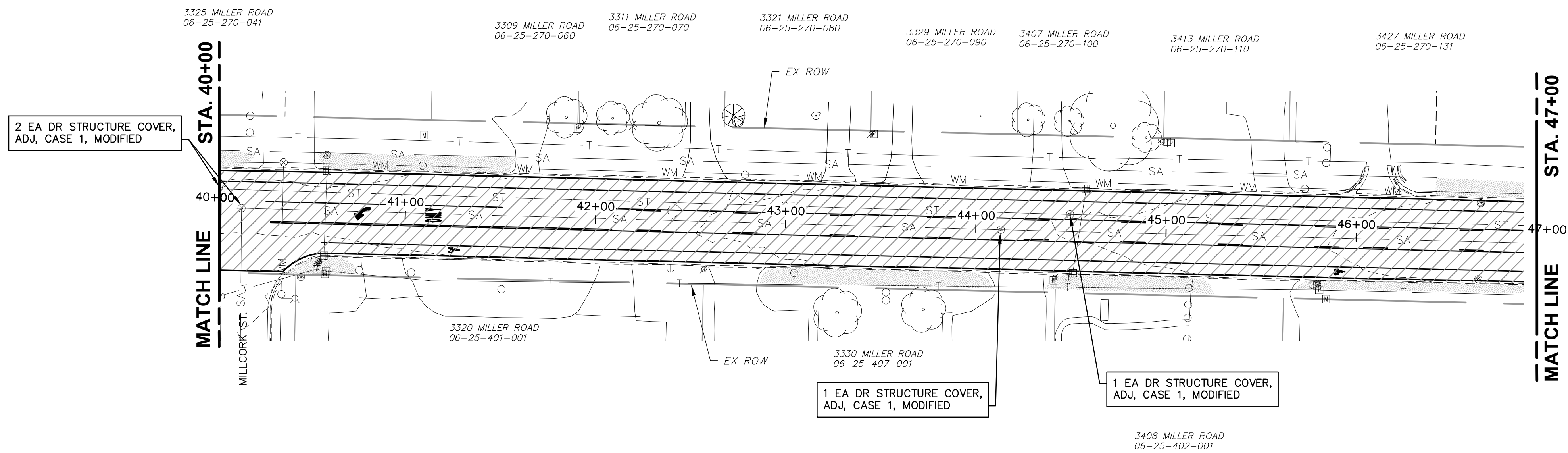
01/26/2022	FINAL PLAN SUBMITTAL
DATE	ADDITIONS AND/OR REVISIONS
DESIGNED	
DRAWN	DRW
CHECKED	BEF
APPROVED	



**CITY OF KALAMAZOO**  
**MILLER ROAD REHABILITATION**


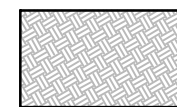
**STA 40+00 TO STA 54+00**

HRC JOB NO. 20210105	SCALE 1" = 40'
DATE January 2022	SHEET NO. 6 of 10



QUANTITIES THIS SHEET		
QTY	UNIT	DESCRIPTION
17	Sta	Berm Grading, Modified
9	Ea	Dr Structure Cover, Adj, Case 1, Modified
6817	Syd	Cold Milling HMA Surface
563	Ton	HMA, 4EML
563	Ton	HMA, 5EML

LEGEND

	COLD MILLING HMA SURFACE, 3 INCH DEPTH HMA, 4EML, 1.5 INCH DEPTH HMA, 5EML, 1.5 INCH DEPTH
	BERM GRADING, MODIFIED TURF ESTABLISHMENT



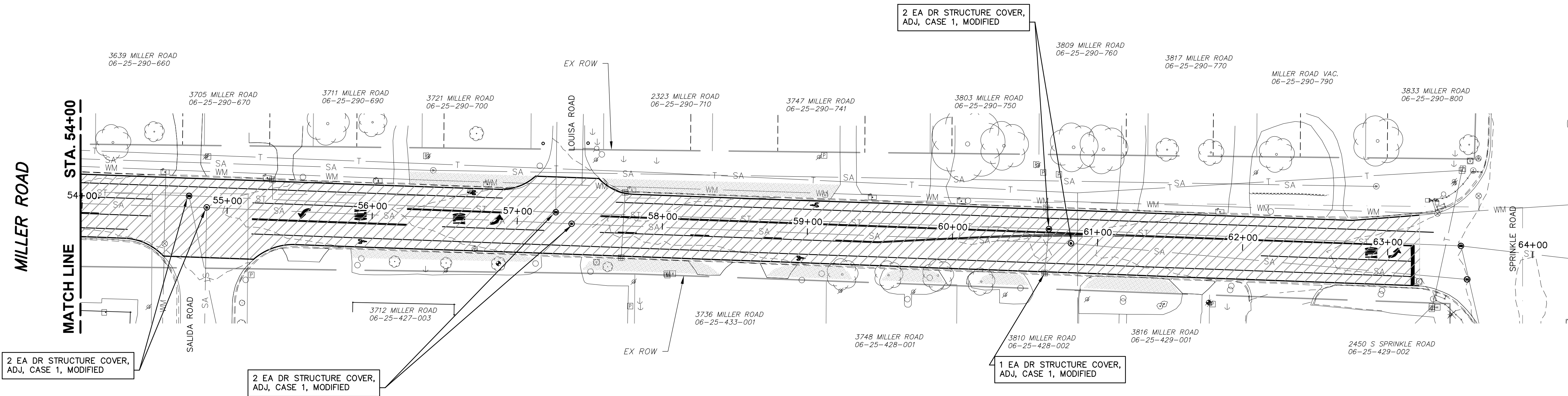
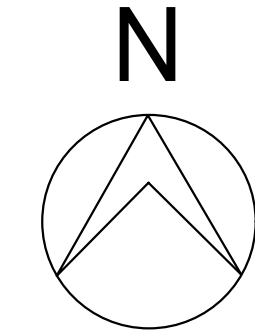
THREE FULL WORKING DAYS  
 BEFORE YOU DIG, CALL THE  
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 800-482-7171 OR 811.

1/26/2022 2:04 PM

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V:\202101\20210105\C\Sheets\PI\_20210105.dwg

Wilcox, Denielle



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PHONE: (616) 649-9432



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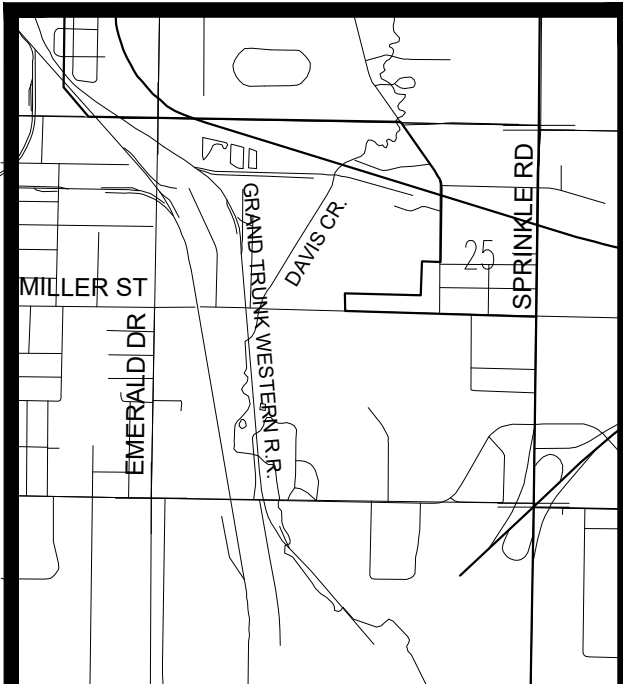


01/26/2022	FINAL PLAN SUBMITTAL
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DESIGNED	
DRAWN	DRW
CHECKED	BEF
APPROVED	

QUANTITIES THIS SHEET		
QTY	UNIT	DESCRIPTION
11	Sta	Berm Grading, Modified
7	Ea	Dr Structure Cover, Adj, Case 1, Modified
4534	Syd	Cold Milling HMA Surface
374	Ton	HMA, 4EML
374	Ton	HMA, 5EML

**LEGEND**

-  COLD MILLING HMA SURFACE, 3 INCH DEPTH  
HMA, 4EML, 1.5 INCH DEPTH  
HMA, 5EML, 1.5 INCH DEPTH
-  BERM GRADING, MODIFIED  
TURF ESTABLISHMENT

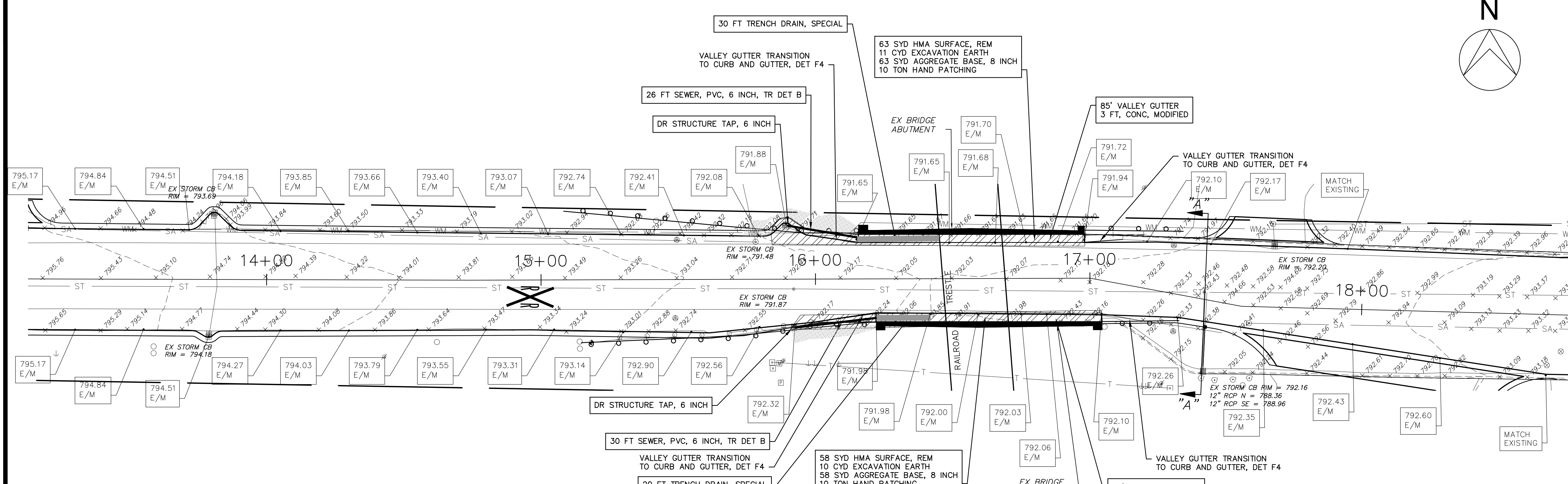
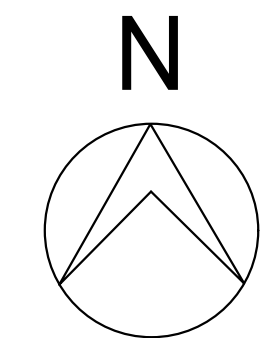


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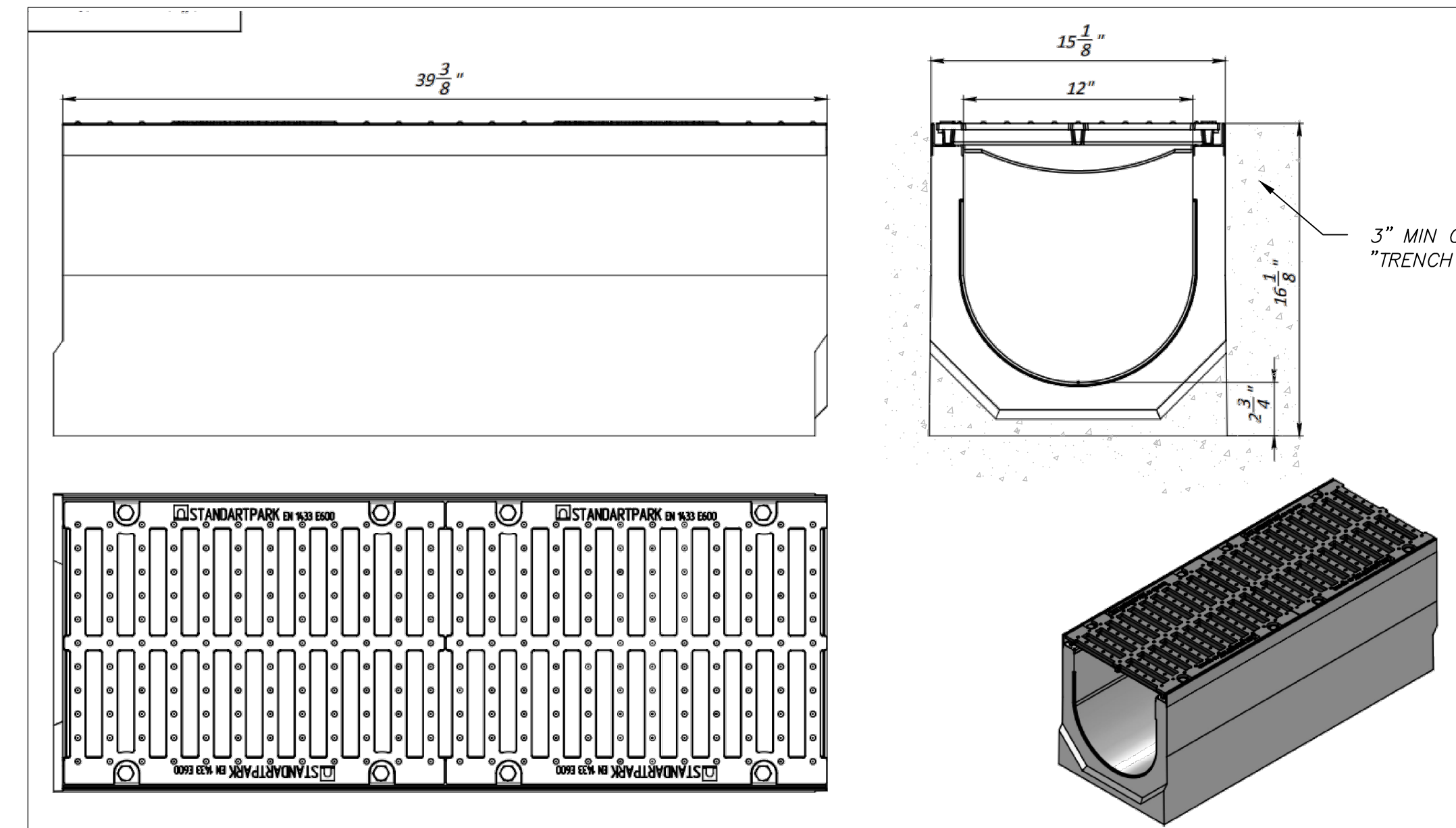
**CITY OF  
 KALAMAZOO  
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**STA 54+00  
 TO  
 POE 63+22**

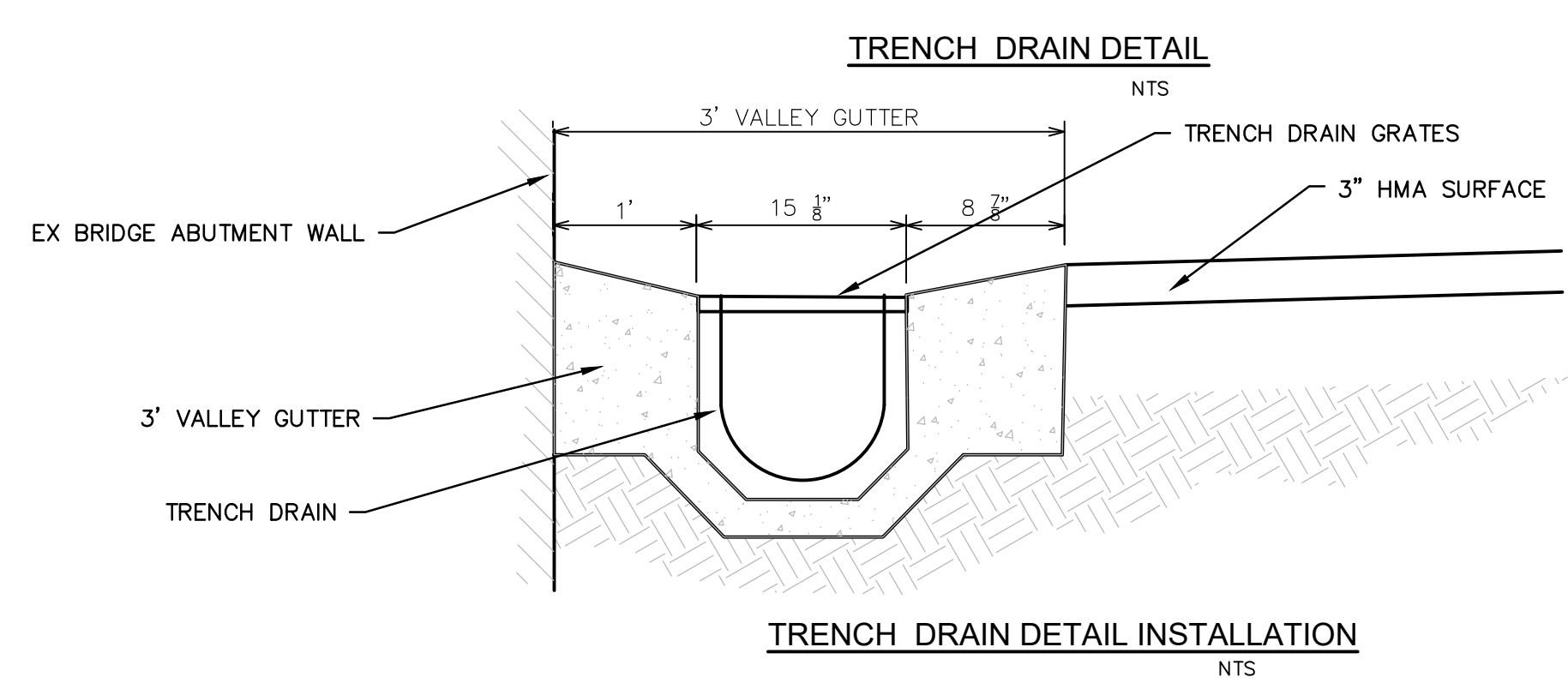
HRC JOB NO. 20210105	SCALE 1" = 40'
DATE January 2022	SHEET NO. 7 of 10



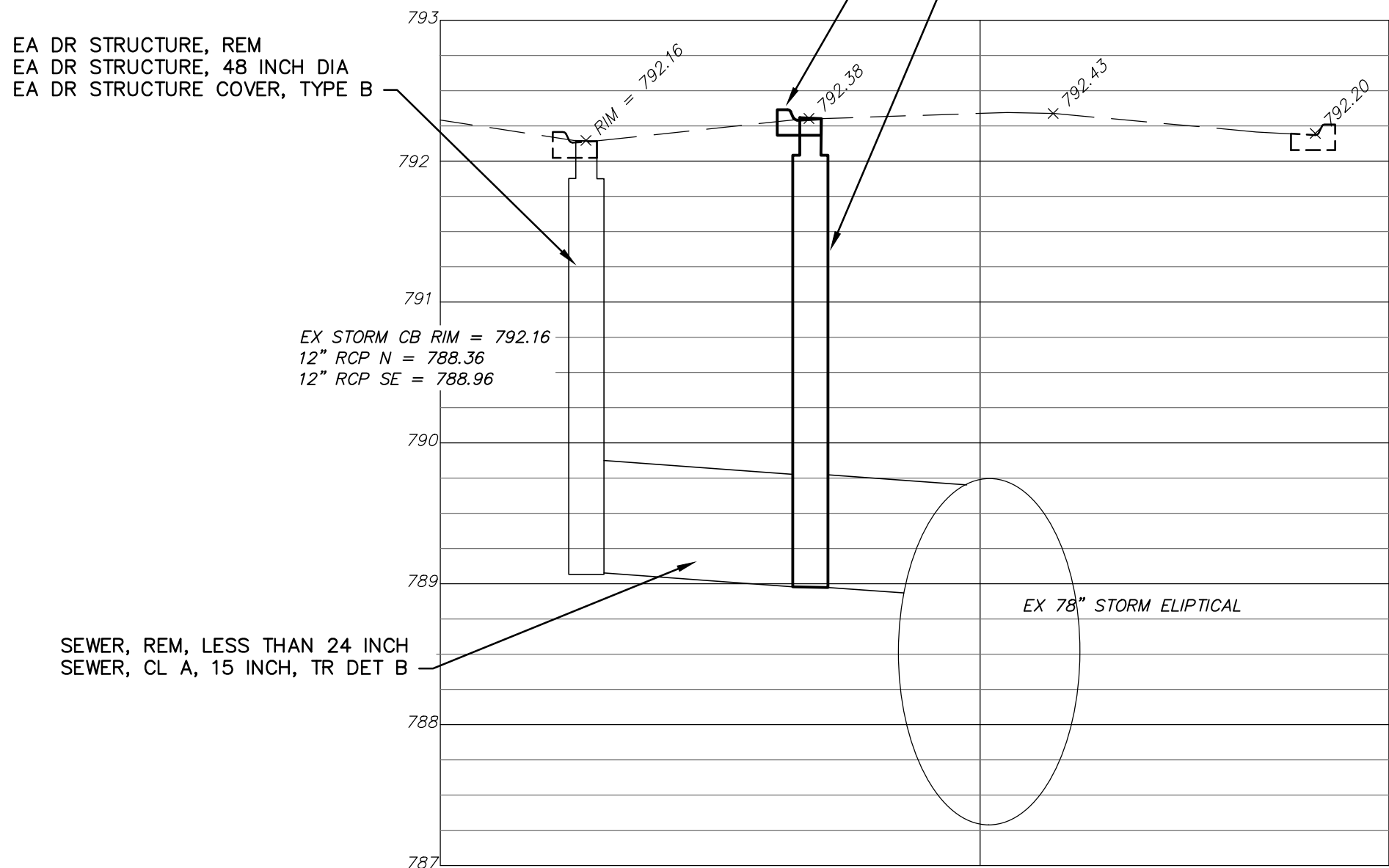
GRADING DETAIL  
1" = 20"



3" MIN CONC TO BE INCLUDED  
"TRENCH DRAIN, SPECIAL"



- 1 EA DR STRUCTURE, REM
- 1 EA DR STRUCTURE, 48 INCH DIA
- 1 EA DR STRUCTURE COVER, TYPE B



CROSS SECTION "A" - "A"  
NTS

GRADING DETAIL LEGEND

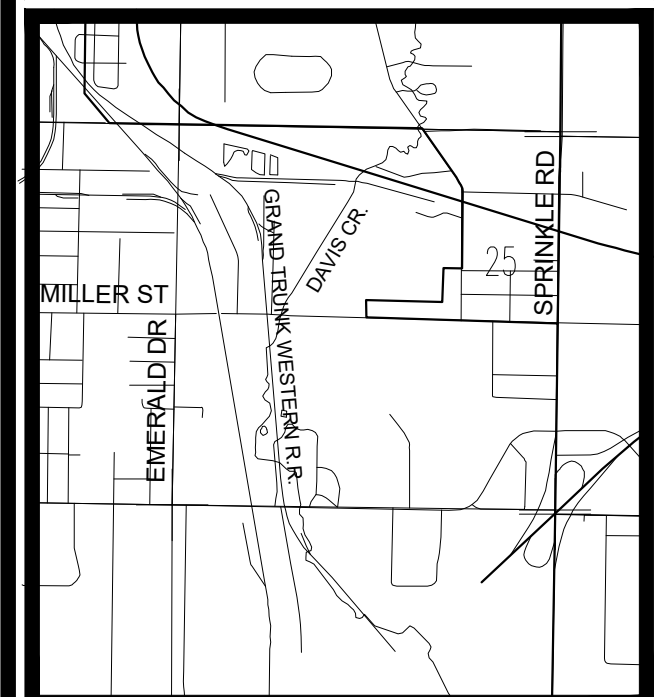
- +XXX.XX EXISTING SPOT ELEVATION
- XXX.XX E/M PROPOSED SPOT ELEVATION
- [Hatched Box] BERM GRADING, MODIFIED
- [Diagonal Lines Box] TURF ESTABLISHMENT
- [Diagonal Lines Box] HMA SURFACE, REM
- [Diagonal Lines Box] EXCAVATION EARTH
- [Diagonal Lines Box] AGGREGATE BASE, 8 INCH
- [Diagonal Lines Box] HAND PATCHING
- [Solid Line Box] TRENCH DRAIN, SPECIAL

QUANTITIES THIS SHEET

QTY	UNIT	DESCRIPTION
281	Cyd	Excavation, Earth
1	Sta	Berm Grading, Modified
628	Syd	Aggregate Base, 8 inch
50	Ft	Trench Drain, Special
2	Ea	Dr Structure, Tap, 6 inch
121	Syd	HMA Surface, Rem
70	Ton	Hand Patching
170	Ft	Valley Gutter, 3 Ft, Conc, Modified
56	Ft	Sewer, PVC, 6 Inch, Tr Det B

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DESIGNED	DRW
DRAWN	DRW
CHECKED	BEF
APPROVED	



CITY OF  
**KALAMAZOO**  
MILLER ROAD  
REHABILITATION

HRC JOB NO. 20210105	SCALE 1" = 40'
DATE January 2022	SHEET NO. 8 OF 10



1/31/2022 2:44 PM

HRC\_01W.ctb

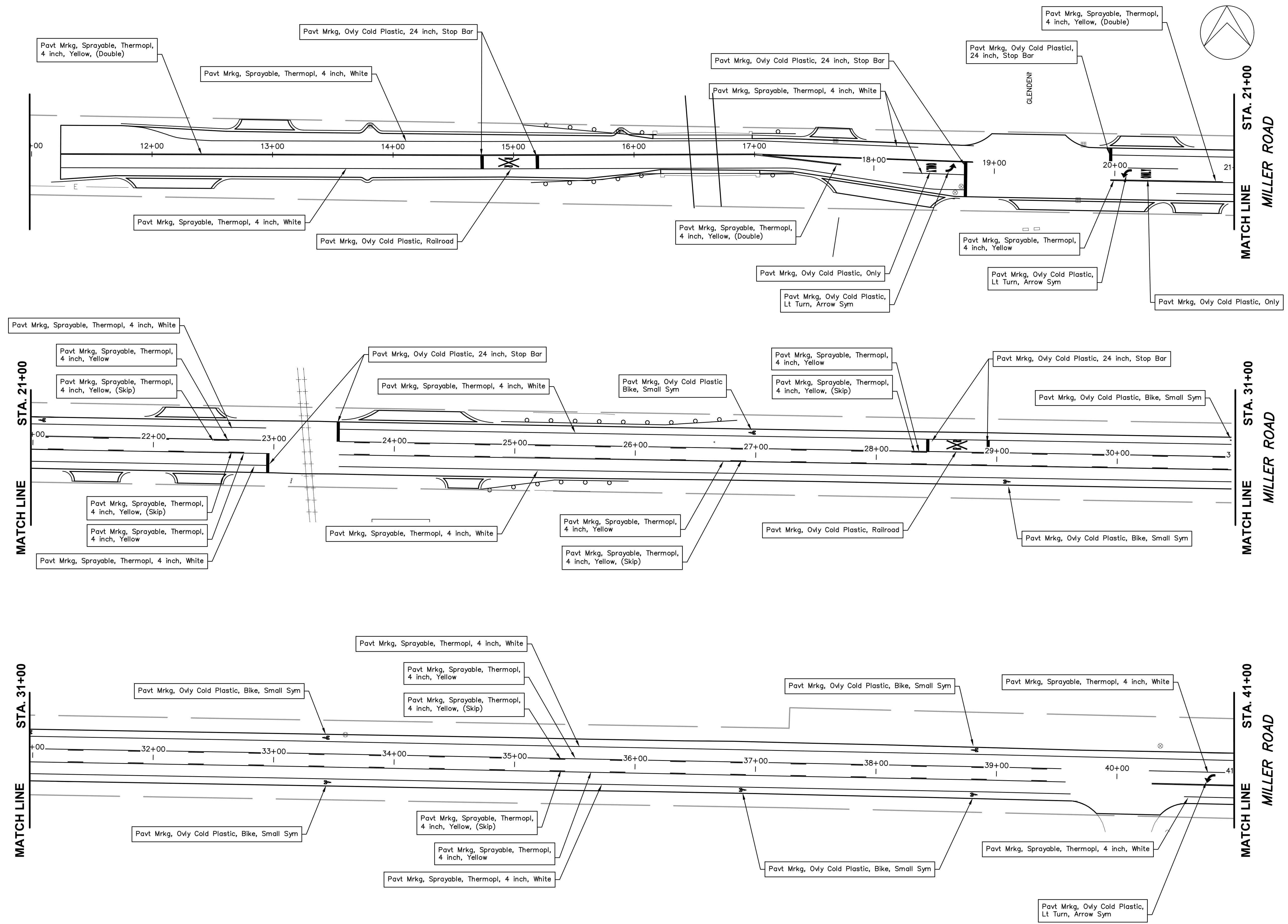
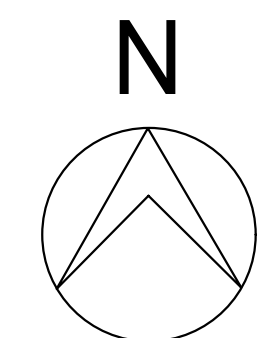
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Wilcox, Danielle

MILLER ROAD

MILLER ROAD

MILLER ROAD



STA. 21+00

STA. 31+00

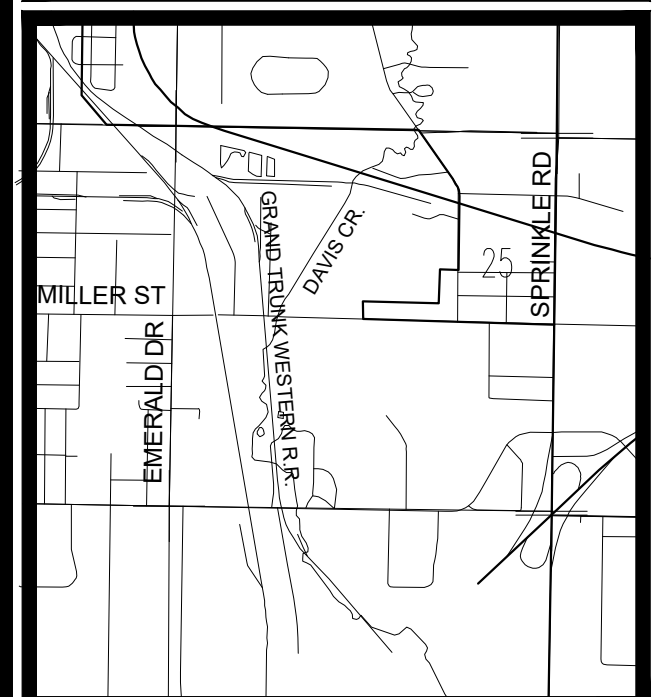
STA. 41+00

QUANTITIES FOR PAVEMENT MARKINGS SHOWN ON SHEET 10



**HRC**  
**HUBBELL, ROTH & CLARK, INC**  
 CONSULTING ENGINEERS SINCE 1915  
 1925 BRETTON RD SE, SUITE 100  
 GRAND RAPIDS, MI 49506.  
 PHONE: (616) 649-9432  
 WEB SITE: [http:// www.hrc-engr.com](http://www.hrc-engr.com)

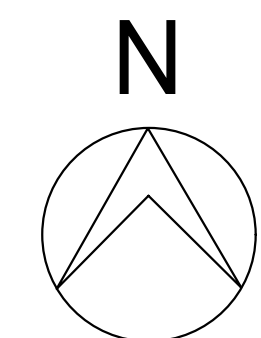
DATE	ADDITIONS AND/OR REVISIONS
01/31/2022	REVISIONS PER COK
01/26/2022	FINAL PLAN SUBMITTAL
DESIGNED	
DRAWN	DRW
CHECKED	BEF
APPROVED	



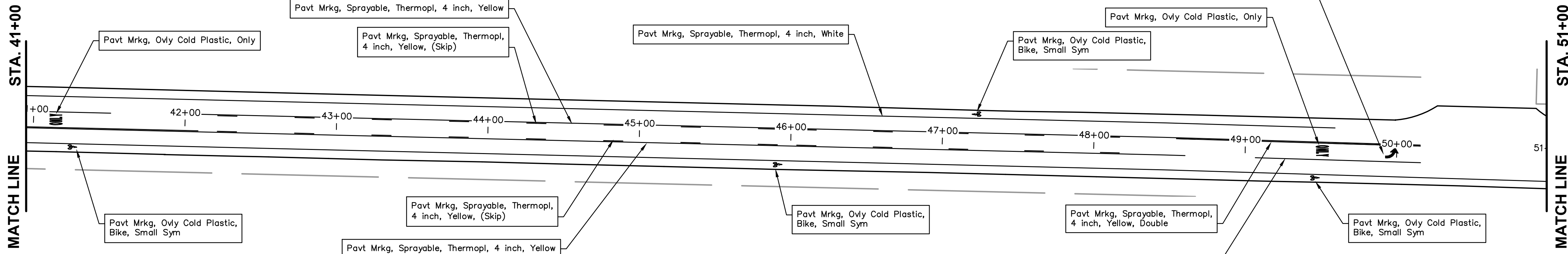
**CITY OF KALAMAZOO**  
**MILLER ROAD REHABILITATION**

**PAVEMENT MARKINGS**  
**POB 11+25 TO STA 41+00**

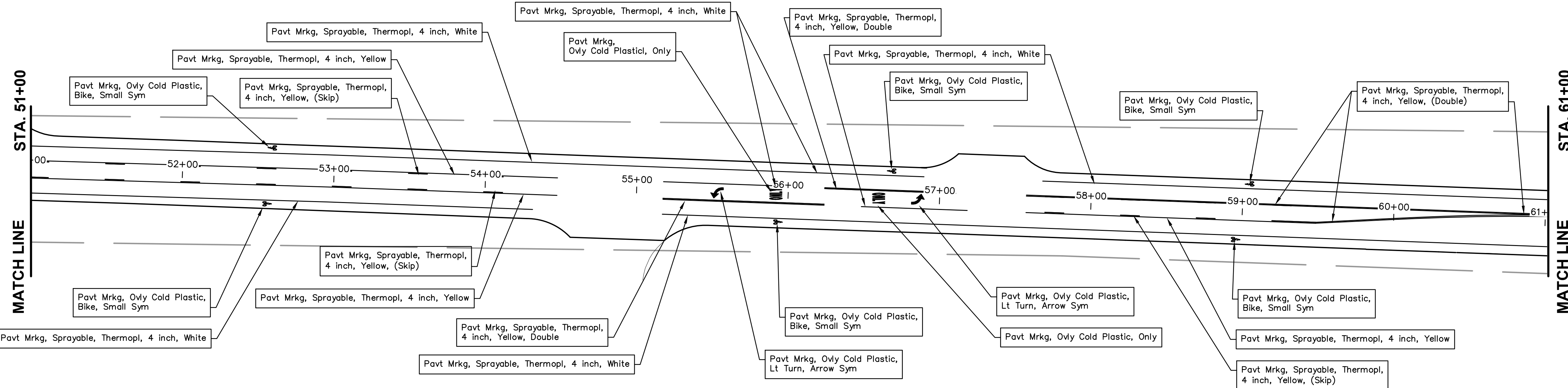
HRC JOB NO. 20210105	SCALE 1" = 40'
DATE January 2022	SHEET NO. 9 OF 10



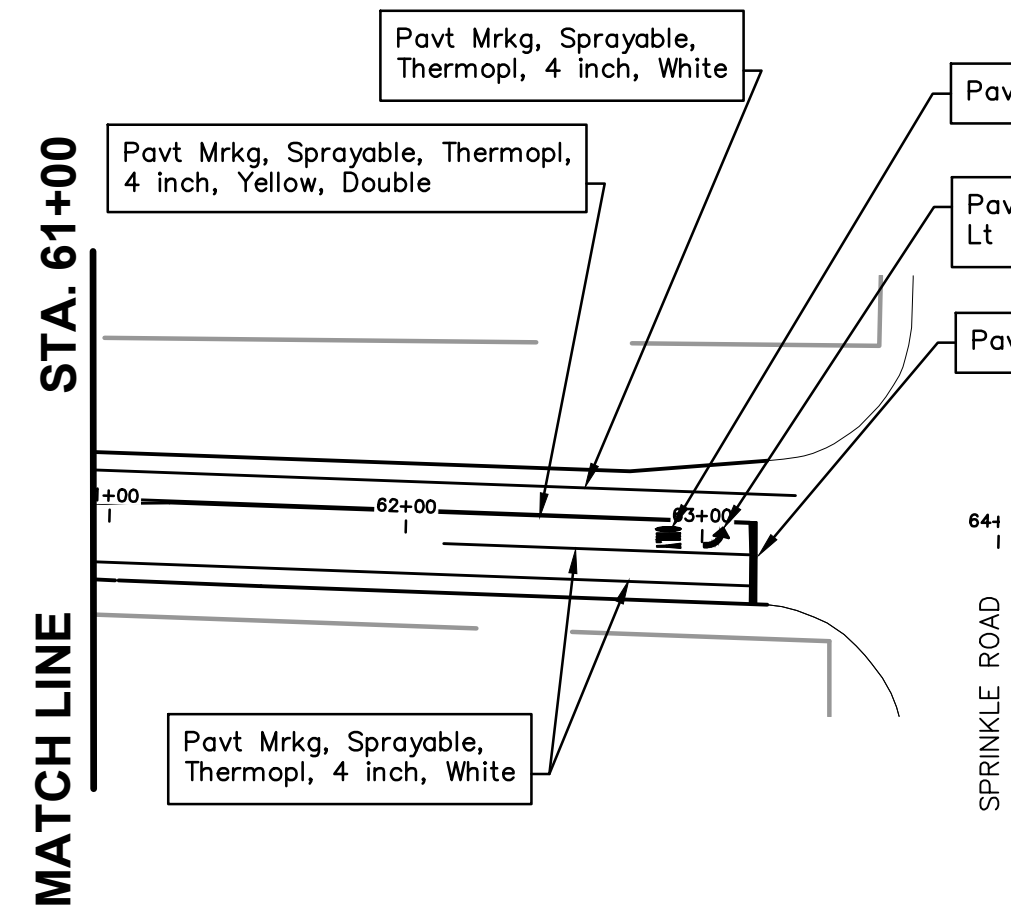
MILLER ROAD



MILLER ROAD



MILLER ROAD

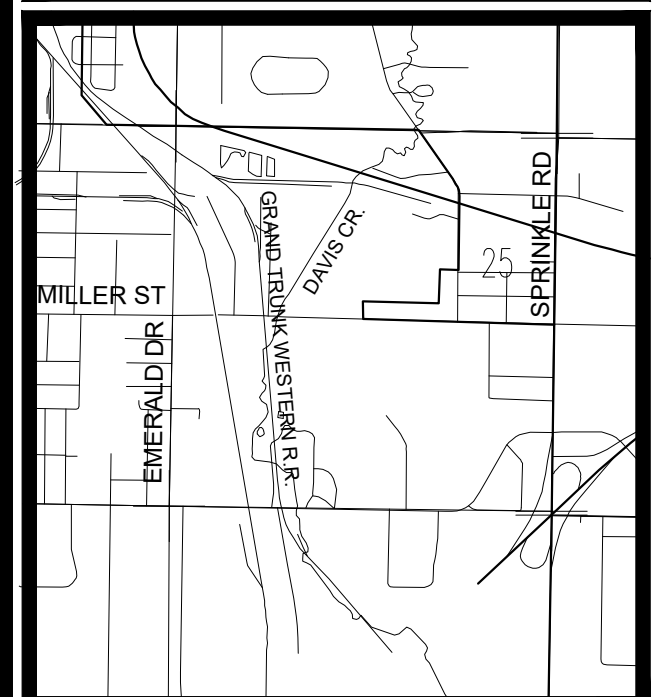


PAVEMENT MARKING QUANTITIES		
QTY	UNIT	DESCRIPTION
155	Ft	Pavt Mrkg, Ovl Cold Plastic, 24 inch, Stop Bar
19	Ea	Pavt Mrkg, Ovl Cold Plastic, Bike, Small Sym
7	Ea	Pavt Mrkg, Ovl Cold Plastic, Lt Turn Arrow Sym
7	Ea	Pavt Mrkg, Ovl Cold Plastic, Only
2	Ea	Pavt Mrkg, Ovl Cold Plastic, Railroad Sym
10243	Ft	Pavt Mrkg, Sprayable Thermopl, 4 inch, White
11340	Ft	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow



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DATE	ADDITIONS AND/OR REVISIONS
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DRAWN	DRW
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APPROVED	



**CITY OF KALAMAZOO**  
**MILLER ROAD REHABILITATION**

**PAVEMENT MARKINGS**  
**STA 41+00 TO POE 63+22**

HRC JOB NO. 20210105	SCALE 1" = 40'
DATE January 2022	SHEET NO. 10 OF 10