

**Madison, Wisconsin**

# CITY OF MADISON

## CITY ENGINEERING DIVISION

### DEPARTMENT OF PUBLIC WORKS

# PLAN OF PROPOSED IMPROVEMENT

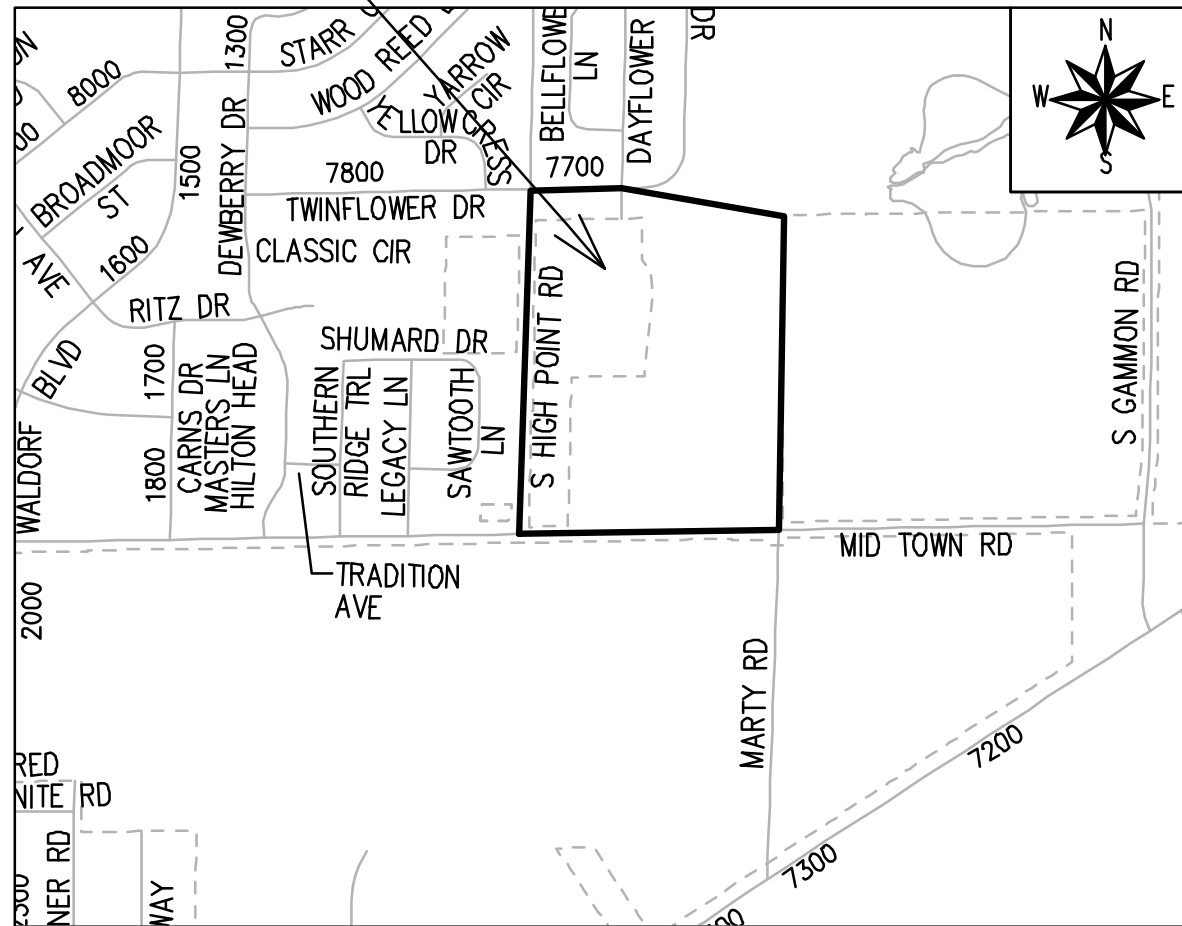
**INDEX OF SHEETS**

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X1-X4	CROSS SECTIONS
NO MAINTENANCE PLAN REQUIRED	

## 1705-1713 SOUTH HIGH POINT ROAD

**PROJECT LOCATION**

**CITY PROJECT NO. 14221**  
**CONTRACT NO. 9189**



PUBLIC IMPROVEMENT PROJECT APPROVED

APPROVED DATE: JUNE 7, 2022

BY THE COMMON COUNCIL OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN APPROVED BY:

ENG- Greg Fries Jun 23, 2023  
ENG- Greg Fries (Jun 23, 2023 13:35 CDT)

City Engineer Date

STREET DESIGNED BY:



Jun 22, 2023

STORM SEWER DESIGNED BY:

**LATERALS ONLY**

WATER DESIGNED BY:

**LATERALS ONLY**

SANITARY SEWER DESIGNED BY:

**LATERALS ONLY**

PLOT SCALE: 1 IN=1 FT\_XREF

PLOT NAME: ----

REV. DATE: 6/16/2023 6:25 AM

ORIGINATOR: CITY\_OF\_MADISON

THE LOCATION AND INFORMATION FOR PROPOSED NEW TREES, IN THE PUBLIC RIGHT OF WAY OR ON PUBLIC LANDS ARE APPROXIMATE AND ARE SHOWN FOR REFERENCE ONLY. THE LOCATIONS, SPECIFICATIONS AND PLANTING METHODS OF ALL PROPOSED NEW OR REPLACEMENT TREES IN THE PUBLIC RIGHT OF WAY OR ON PUBLIC LANDS SHALL BE APPROVED BY THE CITY FORESTER PRIOR TO INSTALLATION.

NO TREES IN THE RIGHT OF WAY OR ON PUBLIC LANDS SHALL BE TRIMMED, PRUNED, REMOVED OR ADVERSELY AFFECTED IN ANY WAY UNTIL THE DEVELOPER HAS RECEIVED WRITTEN PERMISSION FROM THE CITY ENGINEER OR CITY FORESTER. SAID WRITTEN PERMISSION SHALL INCLUDE LANGUAGE INDICATING THAT SECTION 10.101 OF THE MADISON GENERAL ORDINANCES AND ADMINISTRATIVE PROCEDURE MEMORANDUM NO. 6-2, REFERRING TO NOTIFICATION OF PROPERTY OCCUPANTS AND/OR OWNERS, HAS BEEN COMPLIED WITH.

DEVELOPER MUST SUBMIT A TRAFFIC CONTROL PLAN TO CITY TRAFFIC ENGINEERING AT LEAST 14 DAYS PRIOR TO THE START OF WORK. WORK SHALL NOT PROCEED UNTIL AN APPROVED TRAFFIC CONTROL PLAN IS IN PLACE.

UNDERDRAINS SHALL BE INSTALLED PER STANDARD DETAIL DRAWING 4.05 FOR 75' ON EACH SIDE OF THE LOW POINT, OR TO THE NEAREST CURB HIGH POINT. ALL UNDERDRAIN SHALL BE WRAPPED.

ALL GUTTERS SHALL DRAIN WITH A MINIMUM GRADE OF 0.5% TOWARD STORM SEWER INLETS.

ALL DITCHES SHALL DRAIN WITH A MINIMUM GRADE OF 0.5%

THE CROSS SLOPE OF SIDEWALKS AND BARRIER FREE SIDEWALK CURB RAMPS SHALL TYPICALLY BE 1.5%. THE LONGITUDINAL GRADE OF BARRIER FREE SIDEWALK CURB RAMPS SHALL NOT EXCEED 8.33%. ALL SIDEWALK RAMPS SHALL BE CONSTRUCTED ACCORDING TO S.D.D. 3.04. AT ALL OTHER LOCATIONS THE LONGITUDINAL GRADE OF SIDEWALKS SHALL NOT EXCEED 5.0 % OR THE ADJACENT STREET GRADE WHICHEVER IS GREATER NOR BE LESS THAN 0.5% AND SHALL DRAIN TOWARD STORM SEWER INLETS. SIDE SLOPES WITHIN TEN FEET OF A PUBLIC SIDEWALK SHALL NOT EXCEED 4:1. ALL SIDEWALK AND SIDEWALK RAMP ELEVATIONS AND GRADES SHALL BE FIELD VERIFIED AND SET TO COMPLY WITH THE CITY OF MADISON STANDARD SPECIFICATIONS AND THE A.D.A. GUIDELINES.

OBTAIN A PRINT OUT OF THE ALIGNMENTS FROM THE CITY PROJECT ENGINEER PRIOR TO STAKING THIS PROJECT. THE CITY PROJECT ENGINEER IS FADI EL MUSA, EMAIL: FELMUSAGONZALEZ@CITYOFMADISON.COM

CURB STATION AND OFFSETS SHALL BE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE INDICATED. CURB ELEVATIONS SHALL BE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE INDICATED.

POWER POLES AND OTHER OBSTRUCTIONS SHALL BE MOVED TO PROVIDE 2 FEET MINIMUM OF CLEAR DISTANCE FROM ANY FACE OF CURB OR EDGE OF SIDEWALK UNLESS OTHERWISE INDICATED ON THE PLANS.

ANY INFORMATION SHOWN ON THIS PLAN, WHICH IS NOT PART OF THIS RIGHT-OF-WAY PROJECT, IS PRELIMINARY AND NOT FOR CONSTRUCTION.

THERE MAY BE EXISTING UTILITIES OR OTHER FEATURES WHICH ARE EITHER NOT SHOWN OR SHOWN INCORRECTLY ON THIS PLAN. IT IS THE RESPONSIBILITY OF THE DEVELOPER TO LOCATE AND IDENTIFY ALL UTILITIES AND TOPOGRAPHY WHICH MAY AFFECT THE CONSTRUCTION OF THESE IMPROVEMENTS.

ALL PERMANENT SIGNING AND POSTING WILL BE DETERMINED AND PROVIDED BY THE TRAFFIC ENGINEERING DIVISION, FOLLOWING CONSTRUCTION OF THESE IMPROVEMENTS.

THE DEVELOPER SHALL PROVIDE, INSTALL AND MAINTAIN ALL STREET END BARRICADES, SIGNING AND TRAFFIC CONTROL, AS REQUIRED BY THE CITY TRAFFIC ENGINEER.

PAVEMENT SAWCUTS SHALL BE AS DIRECTED BY THE CITY CONSTRUCTION ENGINEER. SAWCUTS SHOWN ON THE PLAN ARE APPROXIMATE.




CURB ON CUL DE SACS SHALL BE INSTALLED ACCORDING TO S.D.D 3.05.


ALL WORK IN THE RIGHT OF WAY AND PUBLIC EASEMENTS SHALL BE IN ACCORDANCE WITH THE CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION LATEST EDITION.

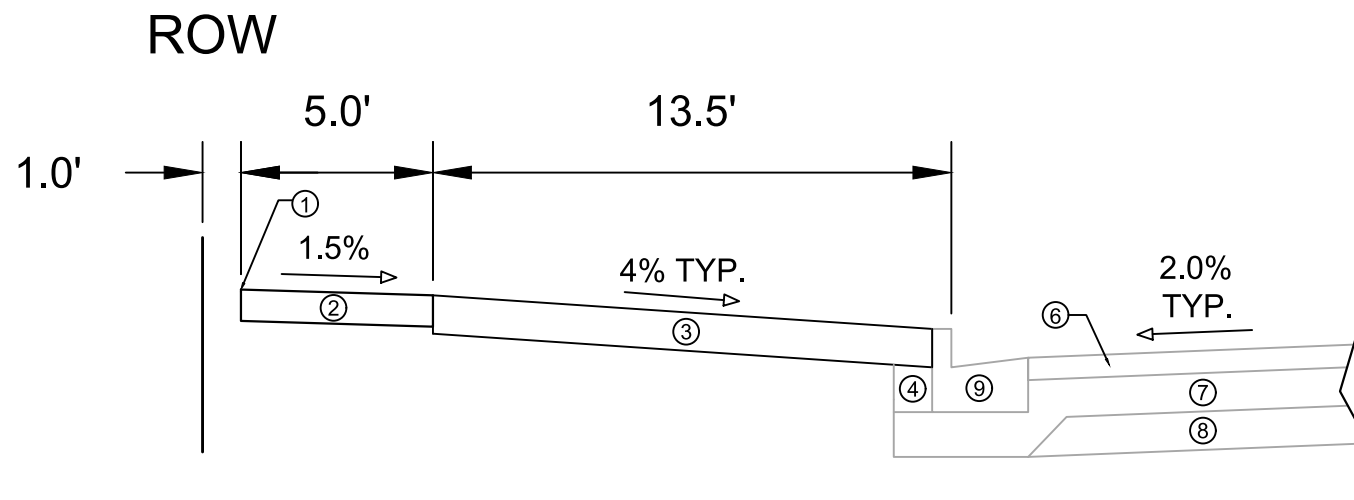
ALL PROPOSED IMPROVEMENTS IN THE RIGHT-OF-WAY ARE BASED ON SURVEY DATA PROVIDED BY THE DEVELOPER OR ITS CONSULTANT. IN THE CASE THAT THE PROPOSED IMPROVEMENTS CAN NOT BE INSTALLED PER THESE PLANS OR THE CITY OF MADISON STANDARD SPECIFICATION FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION, THE DEVELOPER SHALL BE RESPONSIBLE FOR THE COST OF EXTRA WORK DUE TO INACCURACIES OF THE SURVEY.

ALL UTILITY VERIFICATIONS AND ACCURACY OF THE DRAWINGS ARE THE RESPONSIBILITY OF THE DEVELOPER. ANY CONFLICTS THAT ARISE FROM MISSING OR ERRONEOUS INFORMATION WILL BE AT THE EXPENSE OF THE DEVELOPER. NO PRECAST STRUCTURES WILL BE APPROVED FOR STORM OR SANITARY SEWER UNTIL ALL POTENTIAL UTILITY CONFLICTS ARE RESOLVED.

**CONVENTIONAL SIGNS**  
**FIELD VERIFY ALL UTILITY LOCATIONS**

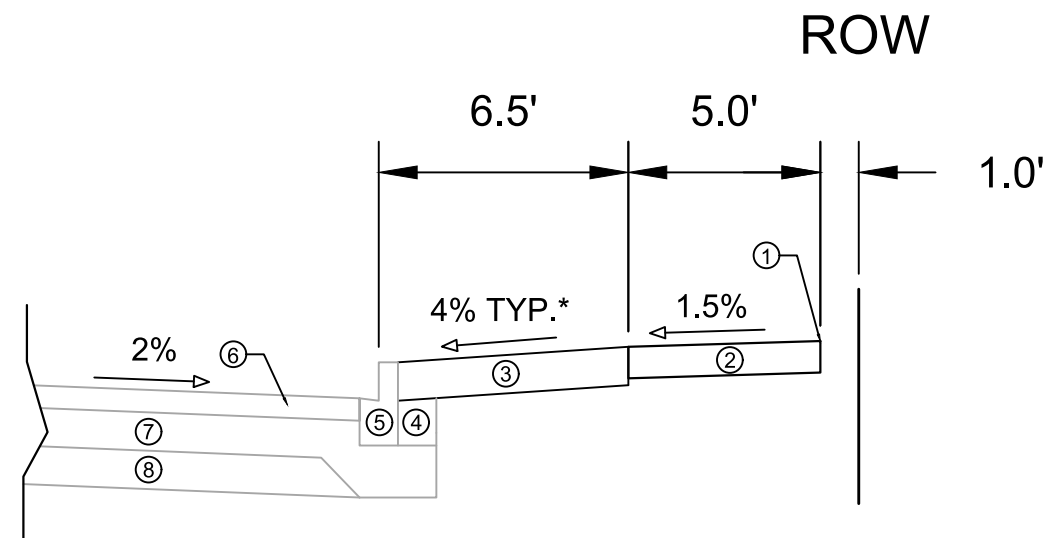
GAS	—— G ——
STORM SEWER	—— ST ——
SANITARY SEWER	—— SAN ——
WATER	—— W ——
BURIED ELECTRIC	—— E ——
OVERHEAD ELECTRIC	—— OH ——
POWER POLE	
ADA COMPLIANT RAMP W/ DETECTABLE WARNING FIELD	
COMBUSTIBLE FLUIDS	

14221	MADISON, WI	9189	14221	D-1
STANDARD COMMENTS				
1705-1713 S. HIGH POINT ROAD				
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14221				
D-1				



TYPICAL SECTION  
MID TOWN RD.

REVISED 6/16/2023 - FADI EL MUSA  
• ADDED SHEET TO SHOW SIDEWALK IMPROVEMENTS IN THE RIGHT OF WAY



TYPICAL SECTION  
S. HIGH POINT RD.

- ① POINT REFERRED TO ON PROFILE.
- ② 5" CONCRETE SIDEWALK.
- ③ 6" TOPSOIL, SEED AND MATTING .
- ④ EXISTING FILL TO REMAIN, INSTALL AT CURB REPLACEMENT LOCATIONS.
- ⑤ EXISTING CURB & GUTTER TYPE H, REPLACE AT LOCATIONS SHOWN IN P SHEETS OR AS DETERMINED BY THE ENGINEER.
- ⑥ EXISTING 5 1/4" ASPHALTIC PAVEMENT TO REMAIN.
- ⑦ EXISTING 4" GRADATION 2 CRUSHED STONE TO REMAIN
- ⑧ EXISTING 6" GRADATION 1 CRUSHED STONE TO REMAIN
- ⑨ EXISTING CURB & GUTTER TYPE A, REPLACE AT LOCATIONS SHOWN IN P SHEETS OR AS DETERMINED BY THE ENGINEER.

SPECIAL NOTES:

\* SEE X-SHEETS FOR CROSS SLOPES

MARK	REVISION	DATE	BY
14221		6/16/2023 12:15 PM	
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14221  
MADISON, WI  
9189  
CONTRACT NO:

TYPICAL SECTIONS  
1705-1713 S. HIGH POINT ROAD  
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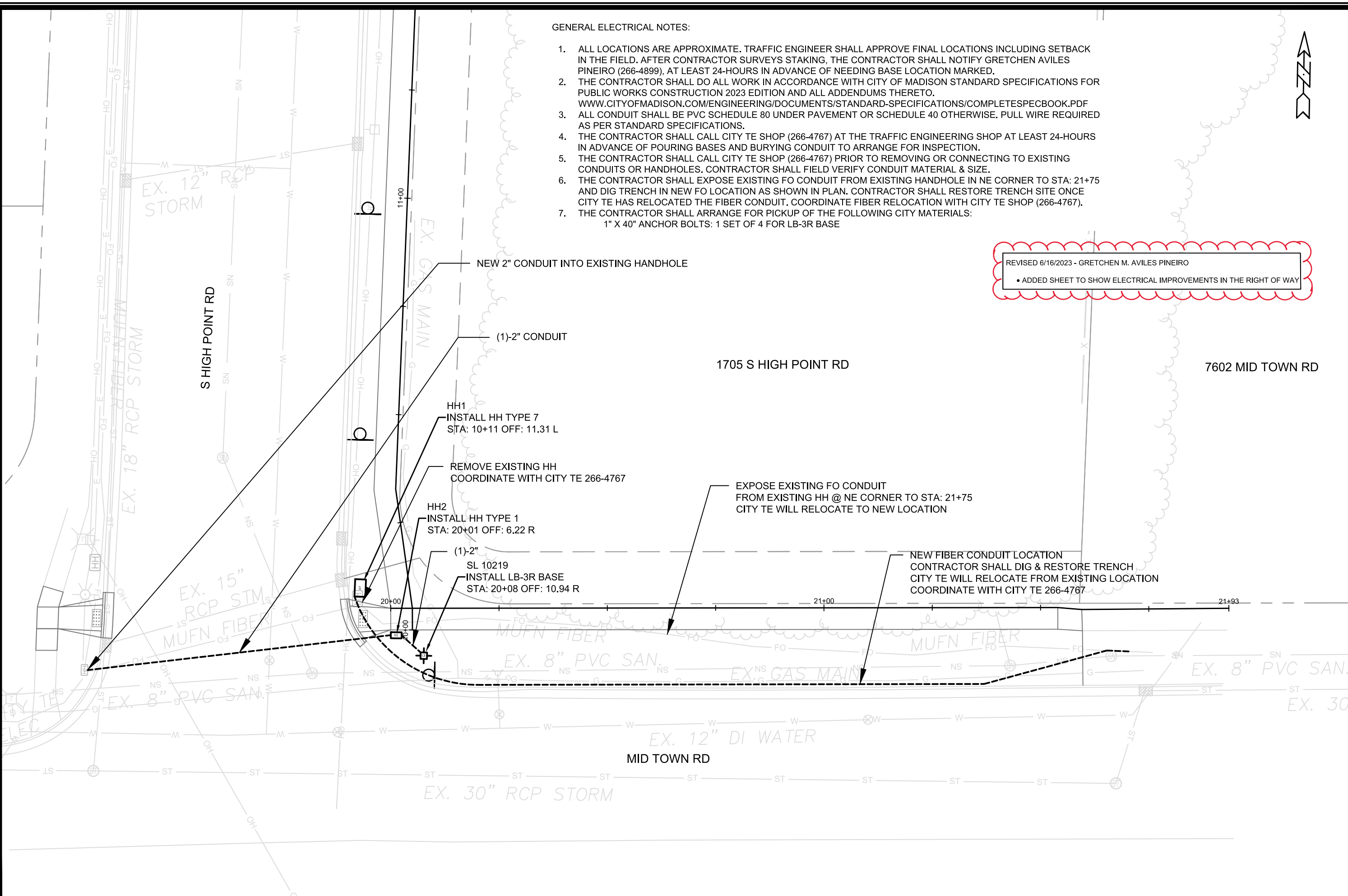


14221  
D-2

GENERAL ELECTRICAL NOTES:

1. ALL LOCATIONS ARE APPROXIMATE. TRAFFIC ENGINEER SHALL APPROVE FINAL LOCATIONS INCLUDING SETBACK IN THE FIELD. AFTER CONTRACTOR SURVEYS STAKING, THE CONTRACTOR SHALL NOTIFY GRETCHEN AVILES PINEIRO (266-4899), AT LEAST 24-HOURS IN ADVANCE OF NEEDING BASE LOCATION MARKED.
2. THE CONTRACTOR SHALL DO ALL WORK IN ACCORDANCE WITH CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION 2023 EDITION AND ALL ADDENDUMS THERETO. WWW.CITYOFMADISON.COM/ENGINEERING/DOCUMENTS/STANDARD-SPECIFICATIONS/COMPLETESPECBOOK.PDF
3. ALL CONDUIT SHALL BE PVC SCHEDULE 80 UNDER PAVEMENT OR SCHEDULE 40 OTHERWISE. PULL WIRE REQUIRED AS PER STANDARD SPECIFICATIONS.
4. THE CONTRACTOR SHALL CALL CITY TE SHOP (266-4767) AT THE TRAFFIC ENGINEERING SHOP AT LEAST 24-HOURS IN ADVANCE OF POURING BASES AND BURYING CONDUIT TO ARRANGE FOR INSPECTION.
5. THE CONTRACTOR SHALL CALL CITY TE SHOP (266-4767) PRIOR TO REMOVING OR CONNECTING TO EXISTING CONDUITS OR HANDHOLES. CONTRACTOR SHALL FIELD VERIFY CONDUIT MATERIAL & SIZE.
6. THE CONTRACTOR SHALL EXPOSE EXISTING FO CONDUIT FROM EXISTING HANDHOLE IN NE CORNER TO STA: 21+75 AND DIG TRENCH IN NEW FO LOCATION AS SHOWN IN PLAN. CONTRACTOR SHALL RESTORE TRENCH SITE ONCE CITY TE HAS RELOCATED THE FIBER CONDUIT. COORDINATE FIBER RELOCATION WITH CITY TE SHOP (266-4767).
7. THE CONTRACTOR SHALL ARRANGE FOR PICKUP OF THE FOLLOWING CITY MATERIALS:  
1" X 40" ANCHOR BOLTS: 1 SET OF 4 FOR LB-3R BASE

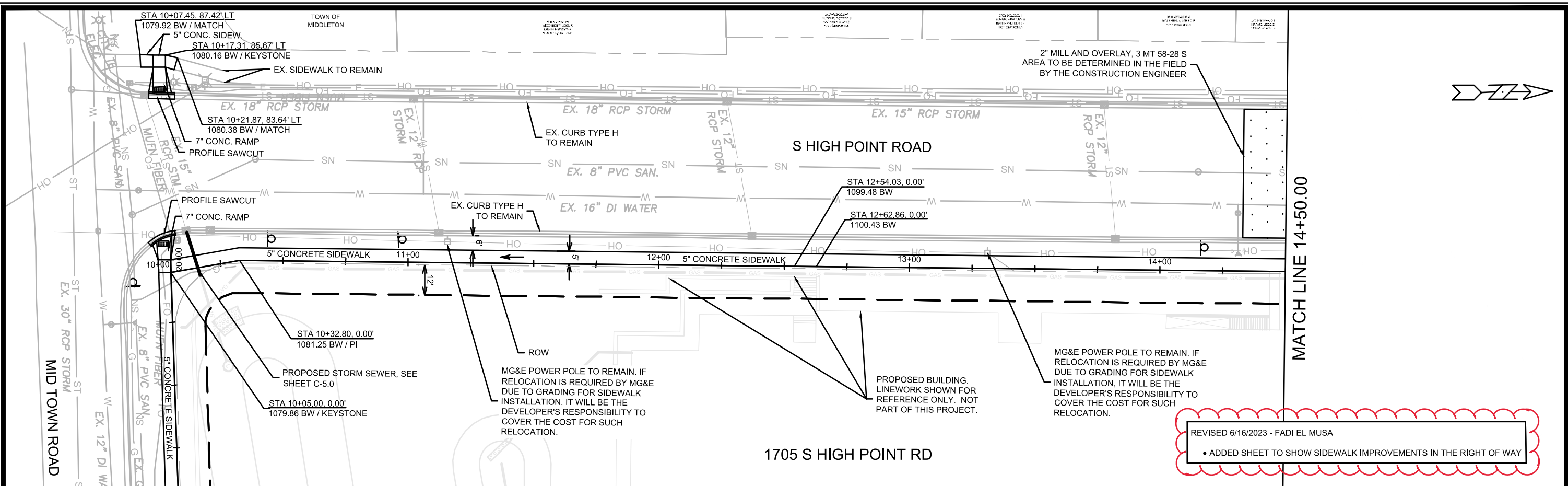
REVISED 6/16/2023 - GRETCHEN M. AVILES PINEIRO  
 • ADDED SHEET TO SHOW ELECTRICAL IMPROVEMENTS IN THE RIGHT OF WAY



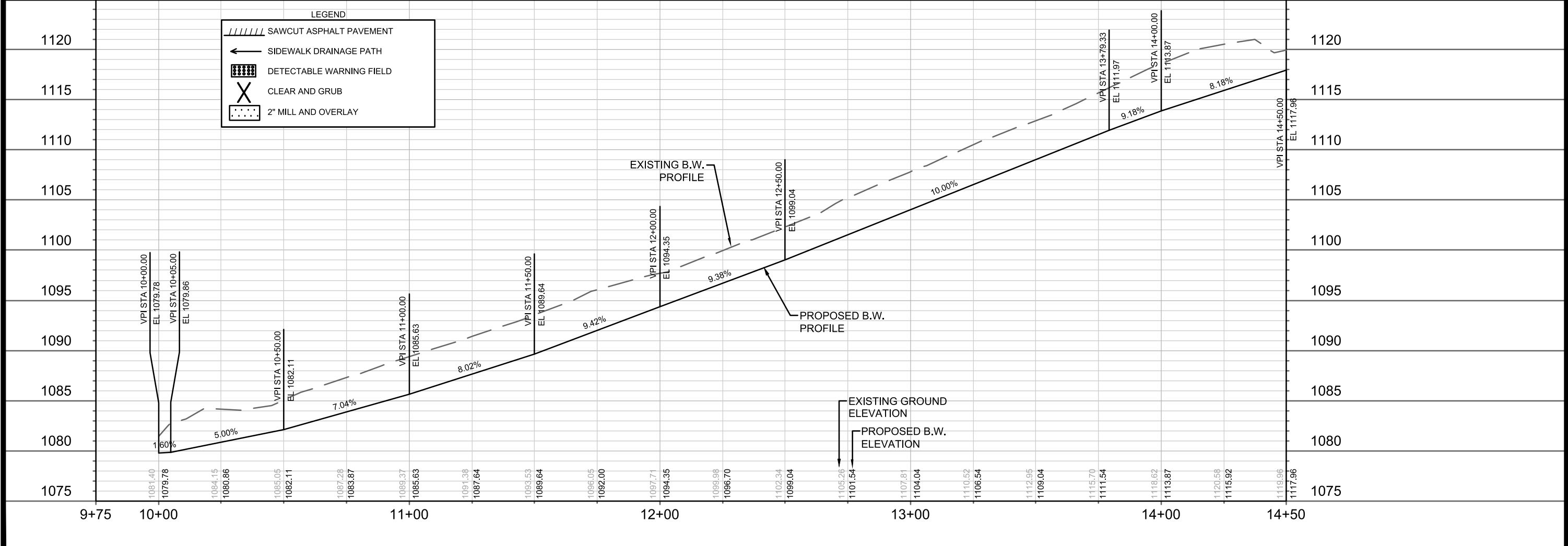
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14221  
 MADISON, WI  
 CONTRACT NO: 9189

ELECTRICAL PLAN  
 1705-1713 S. HIGH POINT ROAD  
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REVISED 6/16/2023 - FADI EL MUSA  
 • ADDED SHEET TO SHOW SIDEWALK IMPROVEMENTS IN THE RIGHT OF WAY



LEGEND

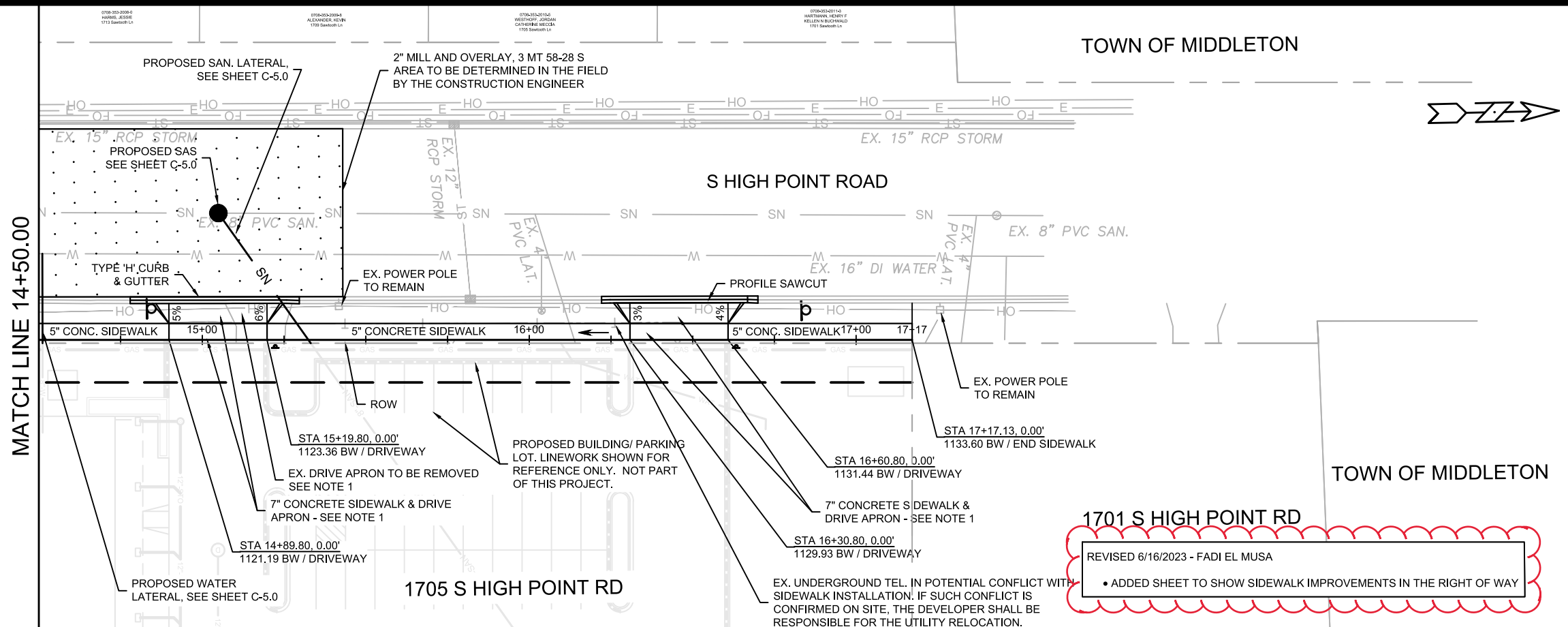
	SAWCUT ASPHALT PAVEMENT
	SIDEWALK DRAINAGE PATH
	DETECTABLE WARNING FIELD
	CLEAR AND GRUB

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REVISION	
MARK	
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Scale: 1" = 40'	
14221	P-1

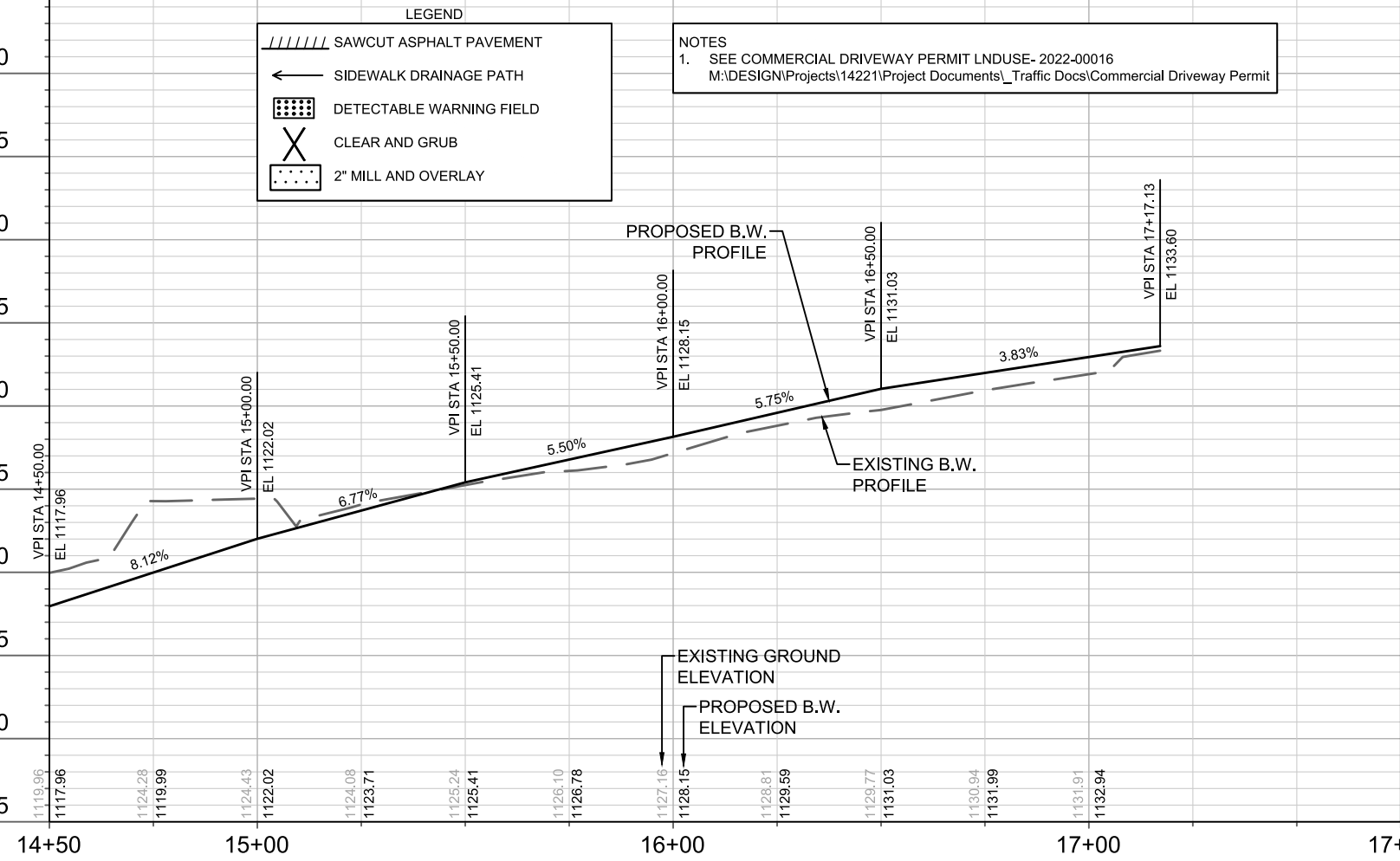
14221  
 MADISON, WI  
 CONTRACT NO.: 9189

PLAN & PROFILE - S HIGH POINT RD  
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 P-1



**1701 S HIGH POINT RD**  
 REVISED 6/16/2023 - FADI EL MUSA  
 • ADDED SHEET TO SHOW SIDEWALK IMPROVEMENTS IN THE RIGHT OF WAY



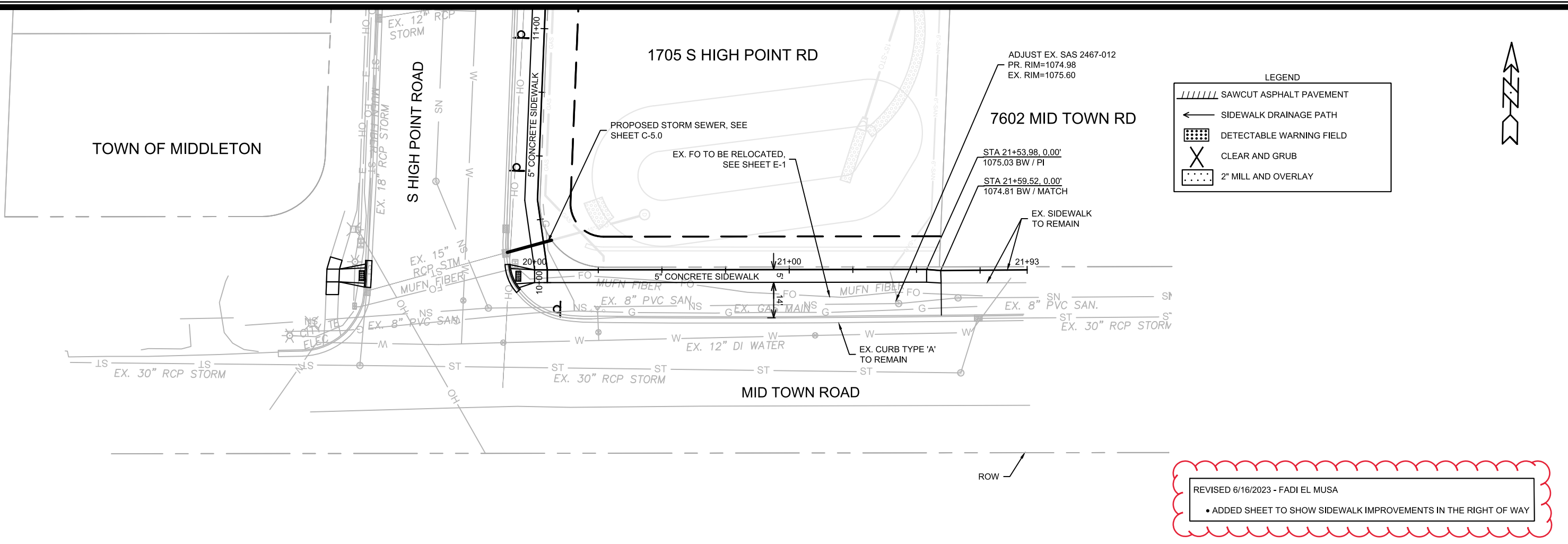
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Scale: 1" = 40'	
14221	P-2

14221  
 MADISON, WI  
 CONTRACT NO.: 9189

PLAN & PROFILE - S HIGH POINT RD  
 1705-1713 S. HIGH POINT ROAD  
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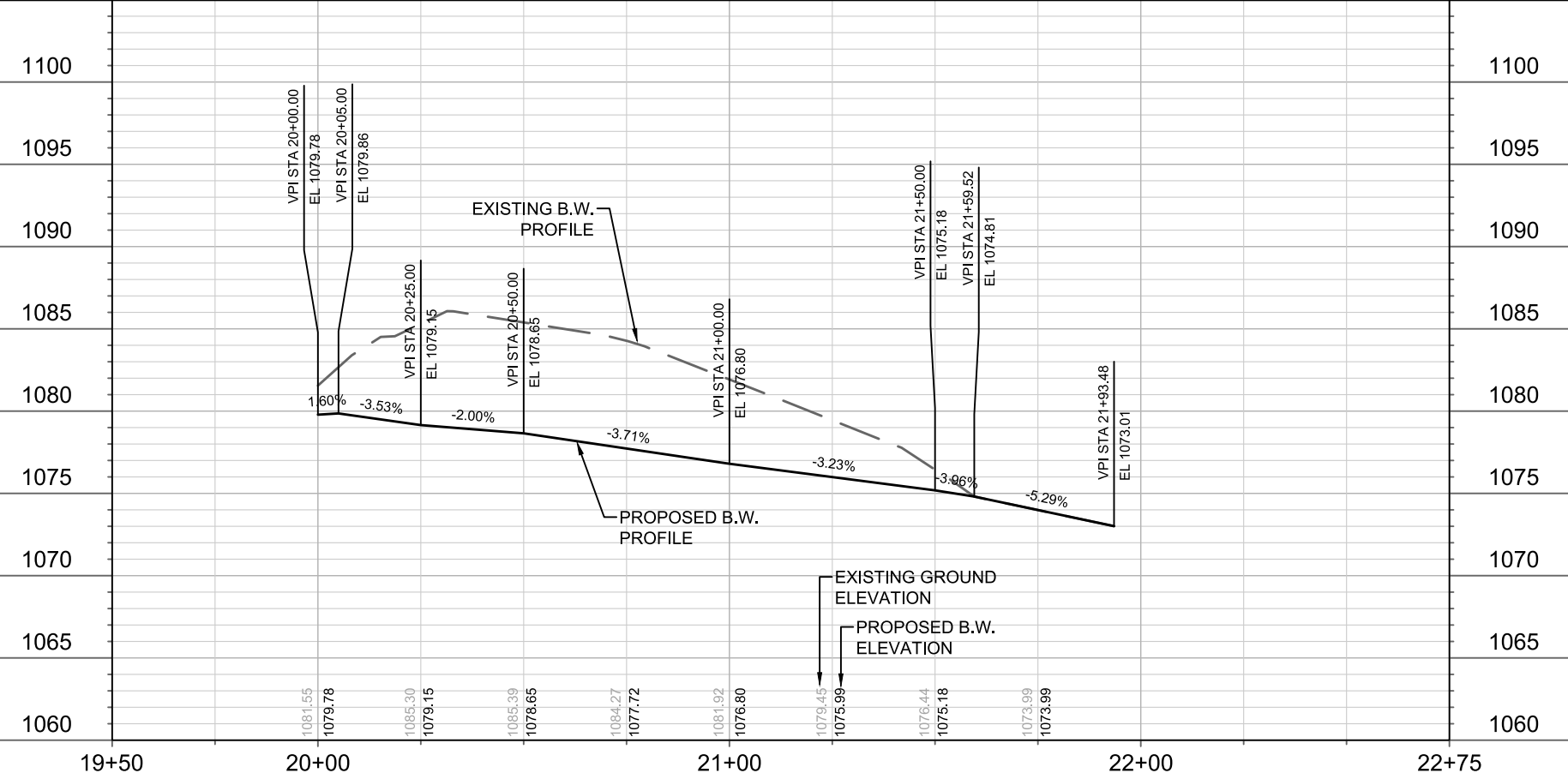




**LEGEND**

- SAWCUT ASPHALT PAVEMENT
- SIDEWALK DRAINAGE PATH
- DETECTABLE WARNING FIELD
- CLEAR AND GRUB
- 2" MILL AND OVERLAY

REVISED 6/16/2023 - FADI EL MUSA  
 • ADDED SHEET TO SHOW SIDEWALK IMPROVEMENTS IN THE RIGHT OF WAY



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				1" = 40'	14221	P-3	9189

**14221**

**MADISON, WI**

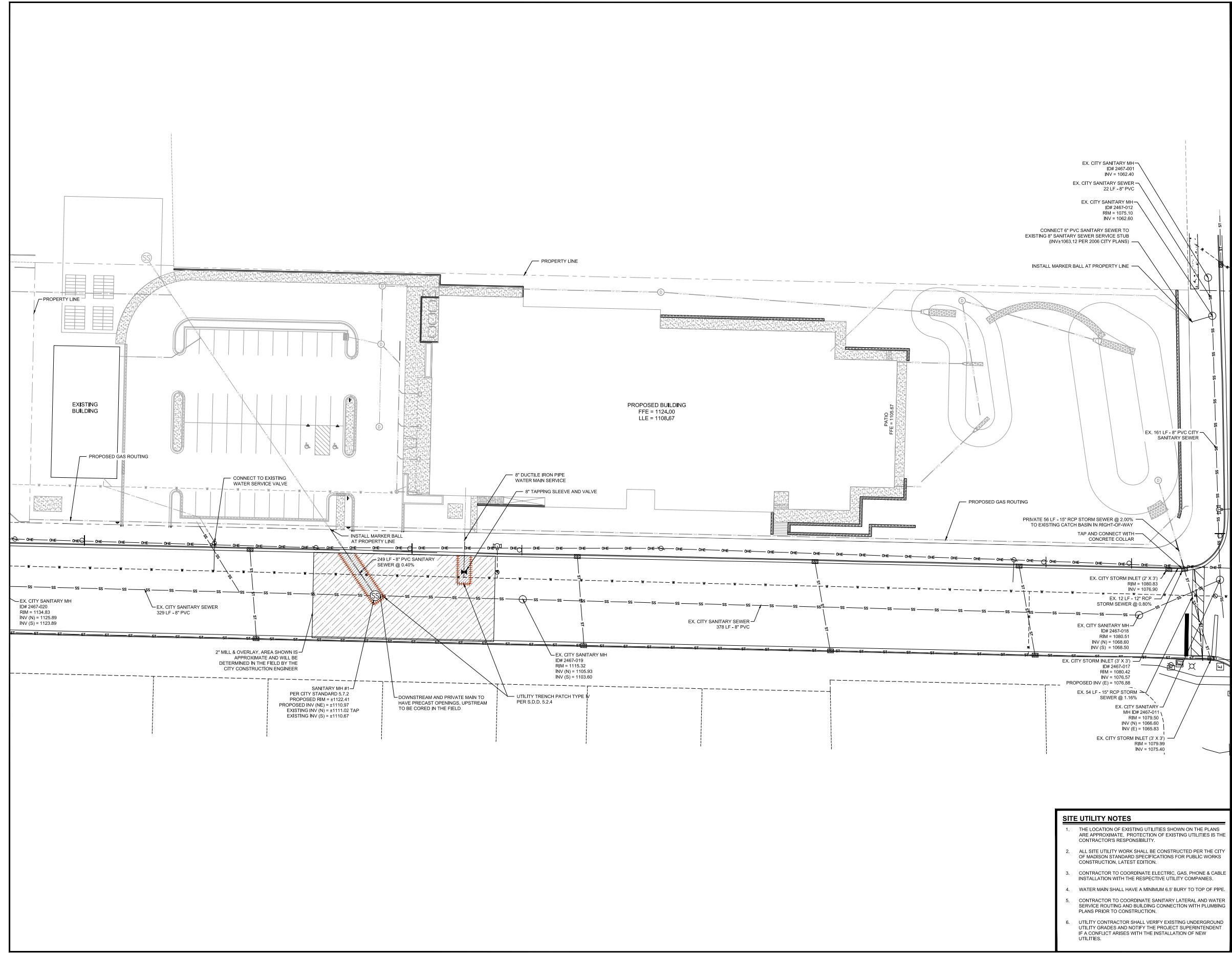
**1705-1713 S. HIGH POINT ROAD**

**PLAN & PROFILE - MID TOWN RD**

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P-3



**HICKORY HILL ACADEMY**  
 1719 S HIGH POINT ROAD  
 MADISON, WISCONSIN



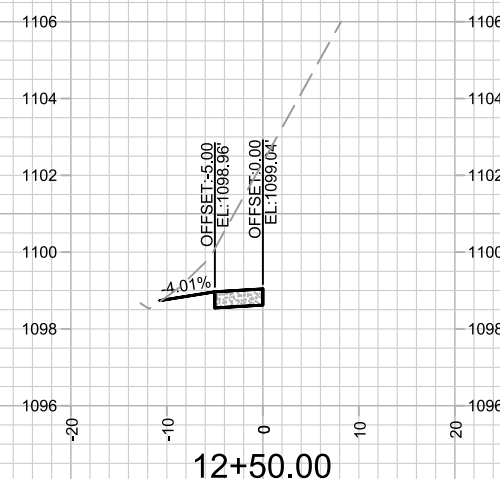
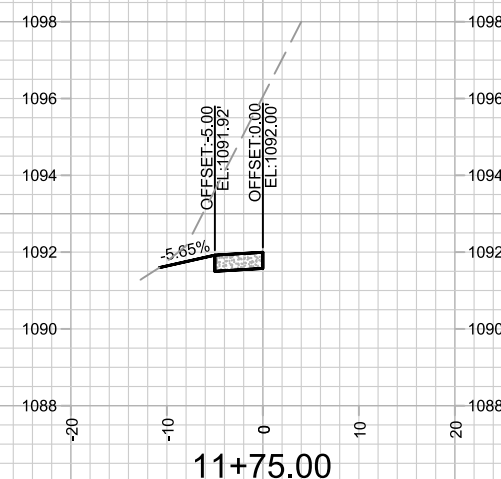
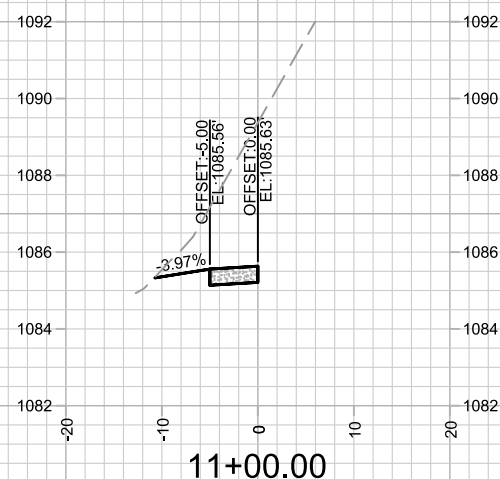
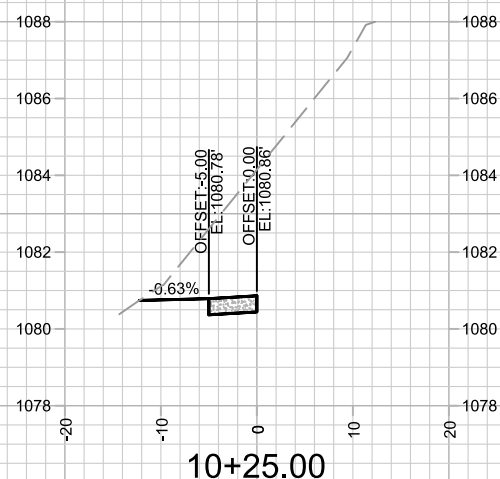
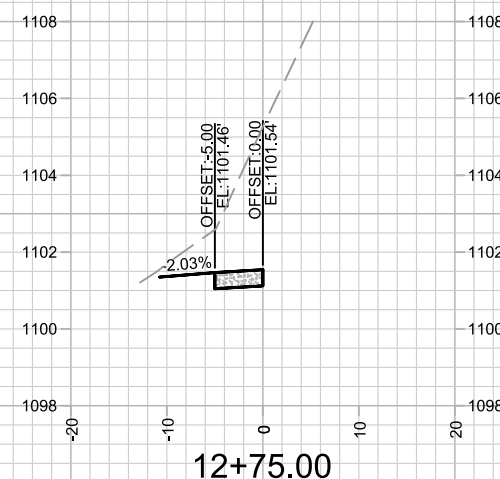
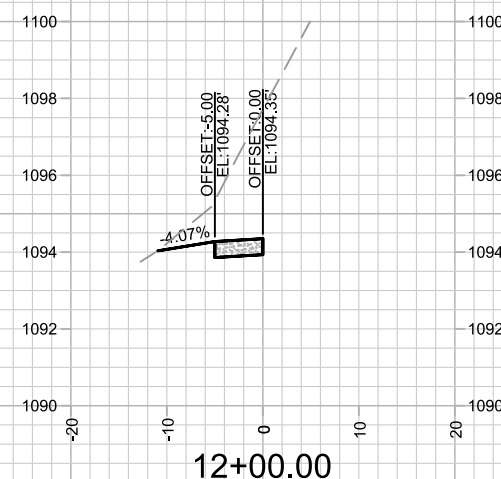
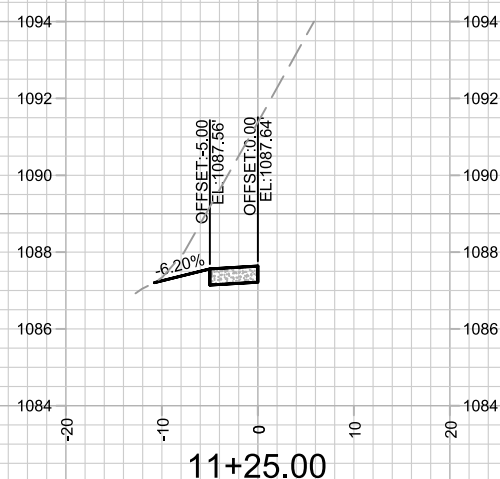
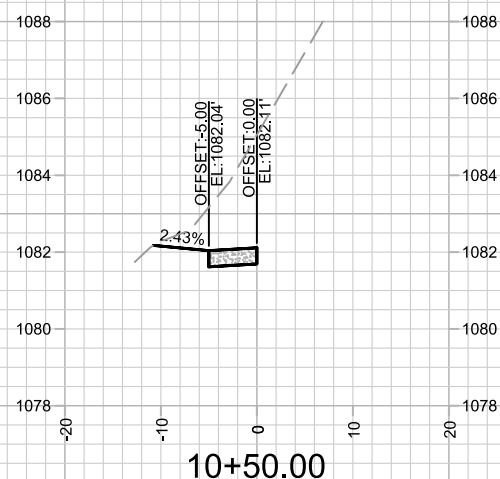
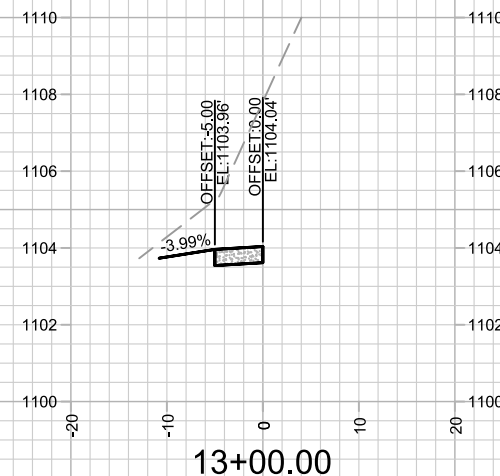
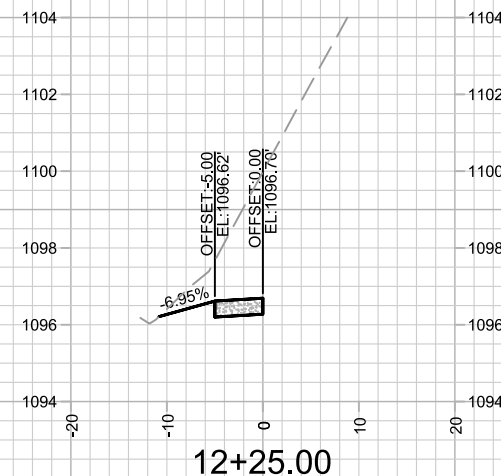
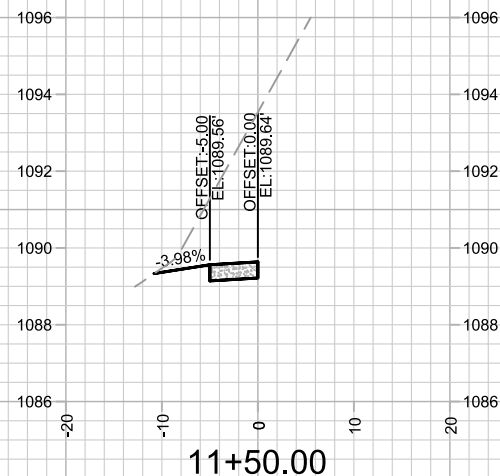
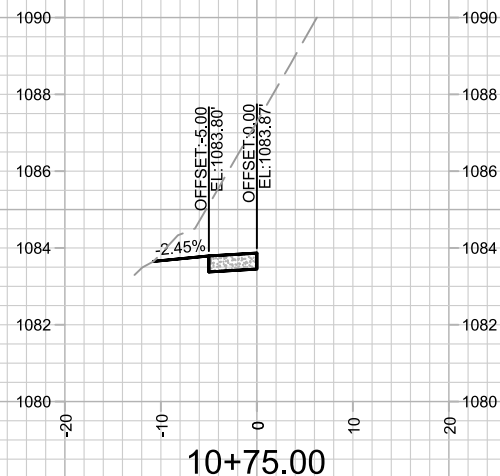
- SITE UTILITY NOTES**
- THE LOCATION OF EXISTING UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE. PROTECTION OF EXISTING UTILITIES IS THE CONTRACTOR'S RESPONSIBILITY.
  - ALL SITE UTILITY WORK SHALL BE CONSTRUCTED PER THE CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION.
  - CONTRACTOR TO COORDINATE ELECTRIC, GAS, PHONE & CABLE INSTALLATION WITH THE RESPECTIVE UTILITY COMPANIES.
  - WATER MAIN SHALL HAVE A MINIMUM 6.5' BURY TO TOP OF PIPE.
  - CONTRACTOR TO COORDINATE SANITARY LATERAL AND WATER SERVICE ROUTING AND BUILDING CONNECTION WITH PLUMBING PLANS PRIOR TO CONSTRUCTION.
  - UTILITY CONTRACTOR SHALL VERIFY EXISTING UNDERGROUND UTILITY GRADES AND NOTIFY THE PROJECT SUPERINTENDENT IF A CONFLICT ARISES WITH THE INSTALLATION OF NEW UTILITIES.

DATE: 08-16-2022  
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 DRAWN BY: DDC  
 FN: 19-05-124  
 Sheet Number:  
 C-5.0



REVISED 6/16/2023 - FADI EL MUSA

• ADDED SHEET TO SHOW SIDEWALK IMPROVEMENTS IN THE RIGHT OF WAY



MARK	REVISION	DATE	BY

14221  
MADISON, WI  
9189  
CONTRACT NO:

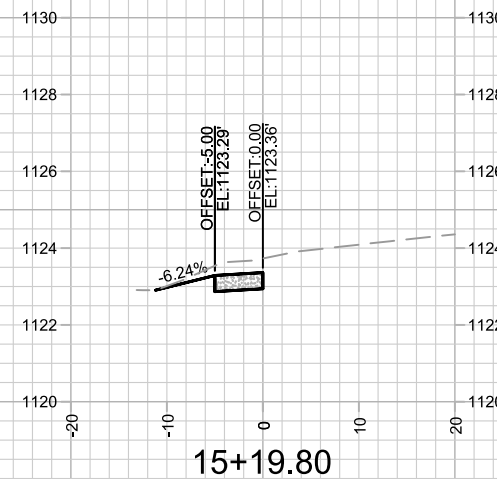
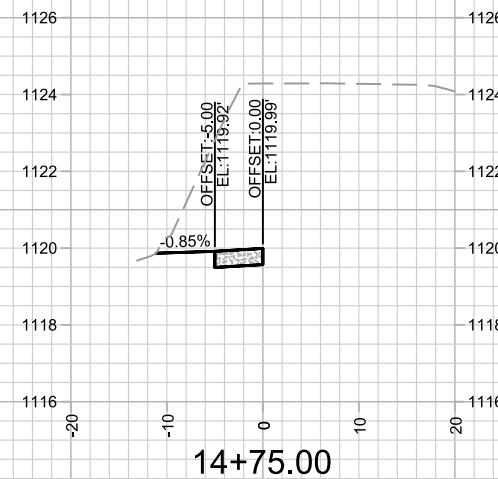
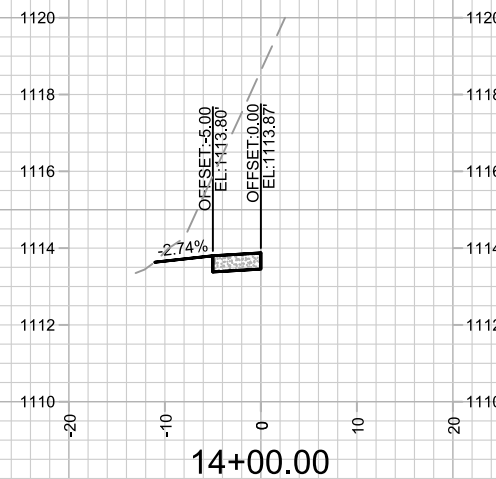
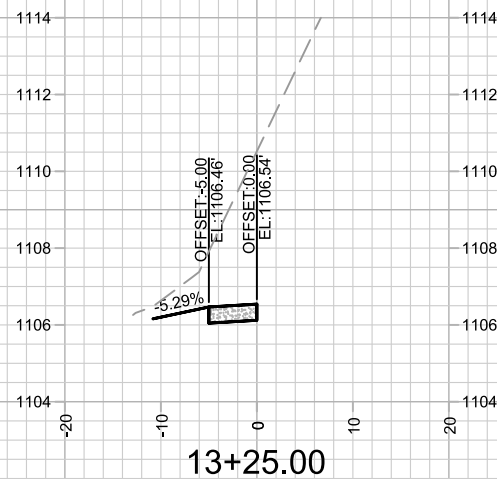
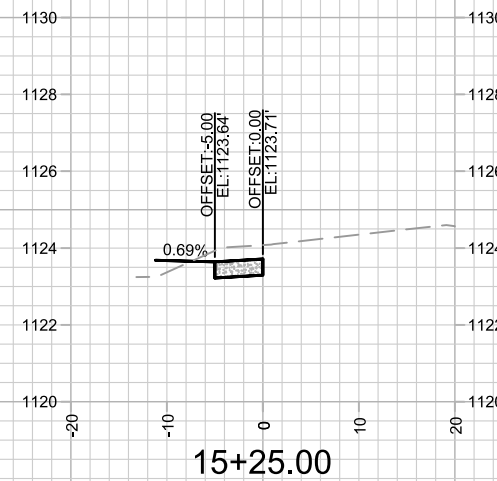
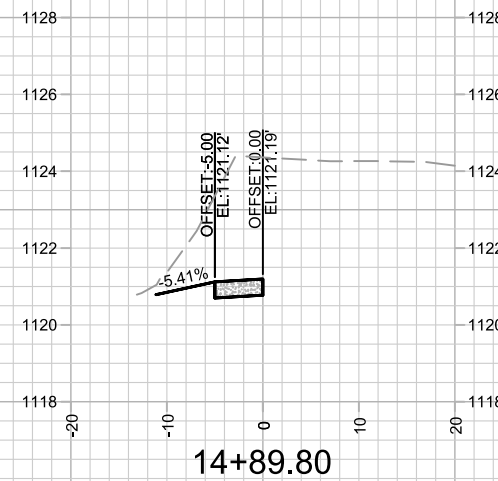
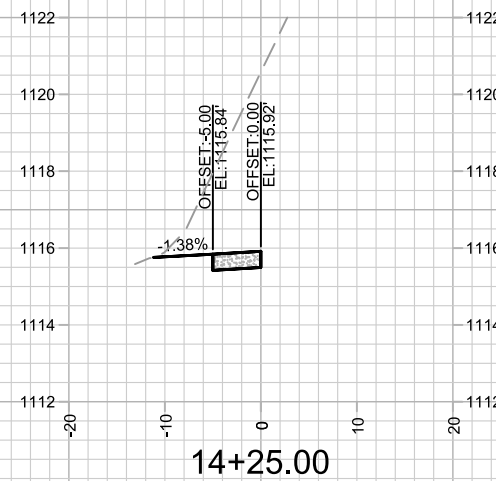
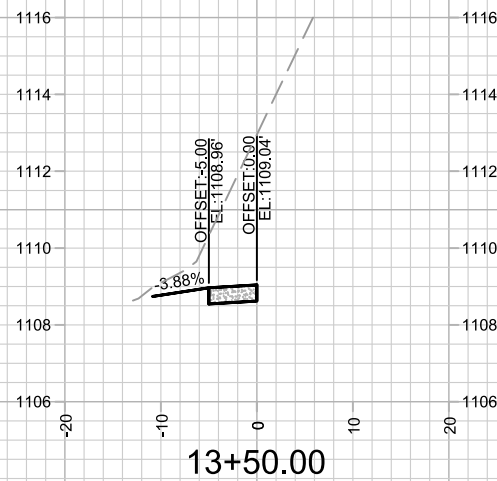
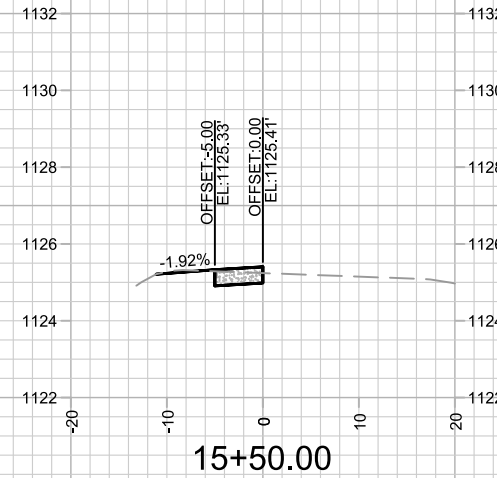
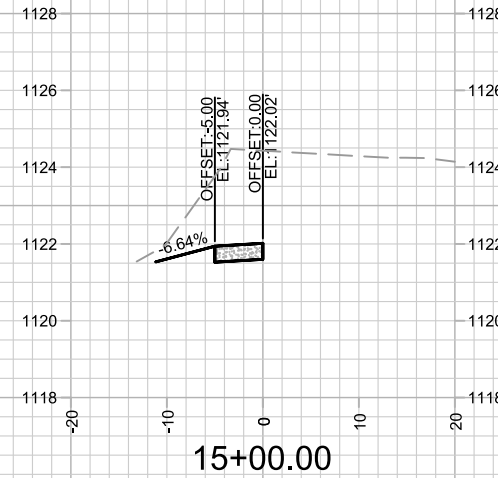
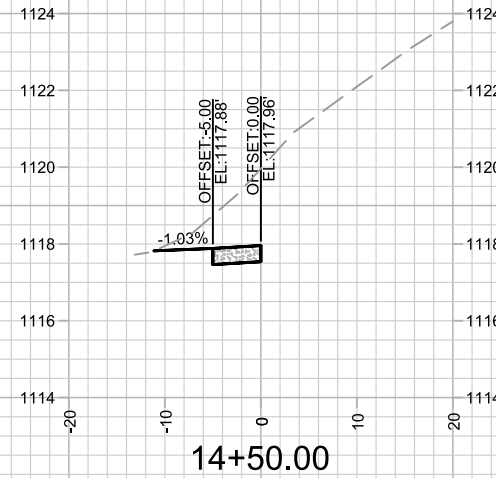
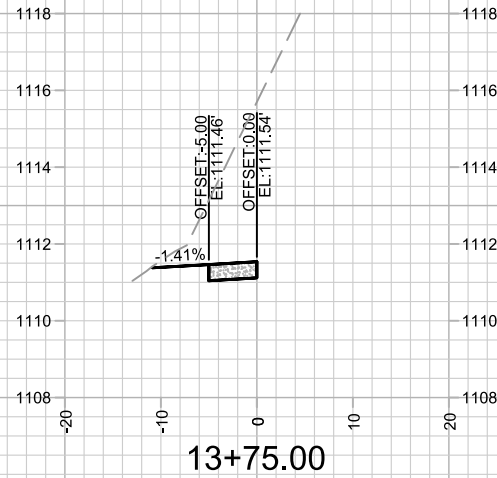
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1705-1713 S. HIGH POINT ROAD  
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X-1

REVISED 6/16/2023 - FADI EL MUSA

• ADDED SHEET TO SHOW SIDEWALK IMPROVEMENTS IN THE RIGHT OF WAY



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14221  
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9189  
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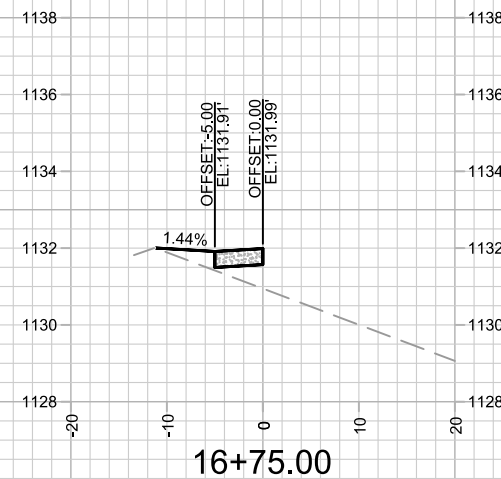
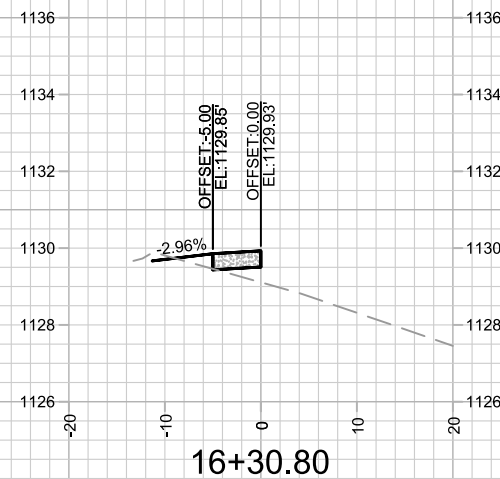
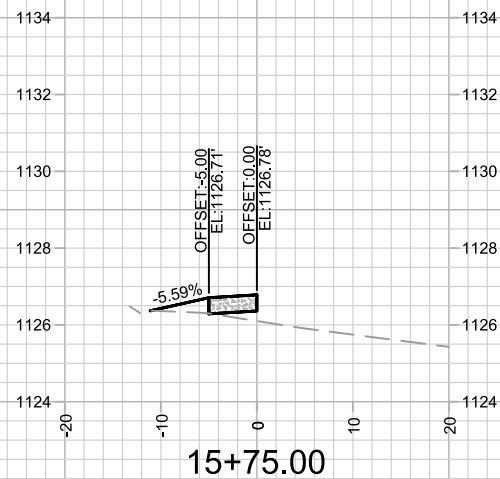
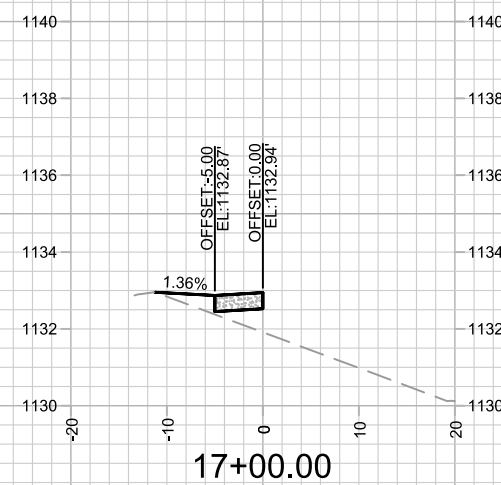
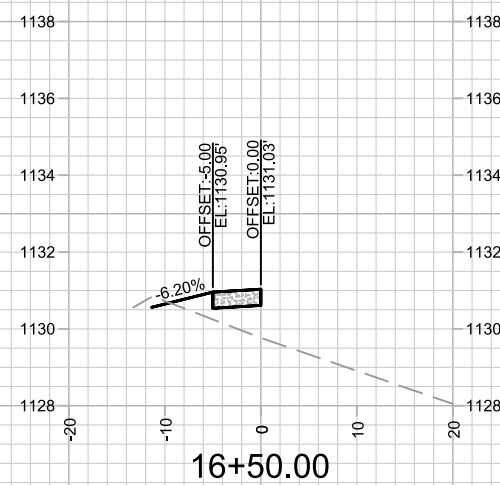
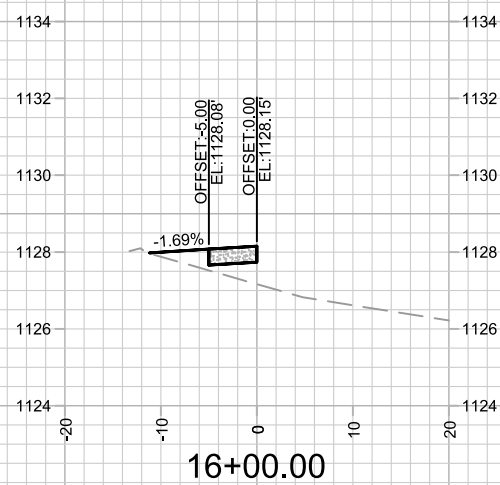
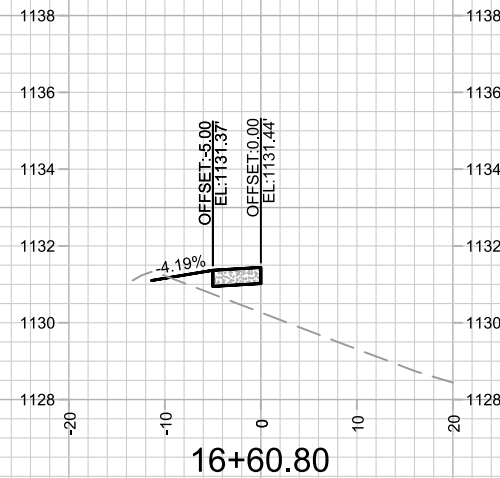
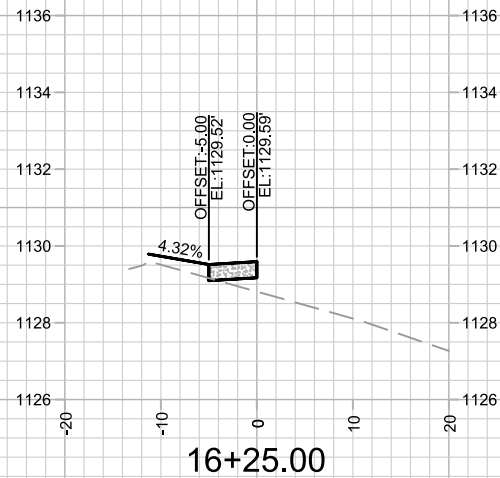
CROSS SECTIONS - S HIGH POINT RD  
1705-1713 S. HIGH POINT ROAD  
M:\DESIGN\Projects\14221\CAD\Sheet Set\14221 - X Sheets.dwg



14221  
X-2

REVISED 6/16/2023 - FADI EL MUSA

• ADDED SHEET TO SHOW SIDEWALK IMPROVEMENTS IN THE RIGHT OF WAY



MARK	REVISION	DATE	BY

14221  
MADISON, WI  
9189  
CONTRACT NO:

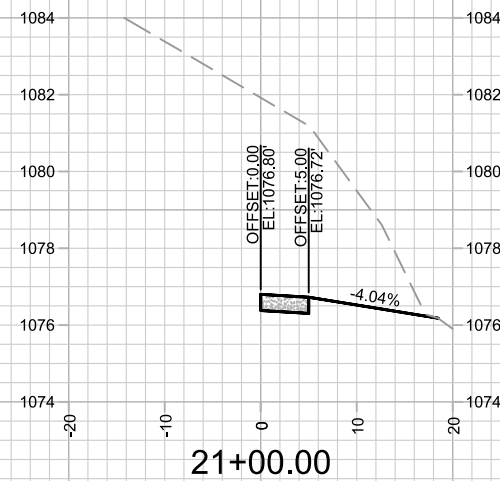
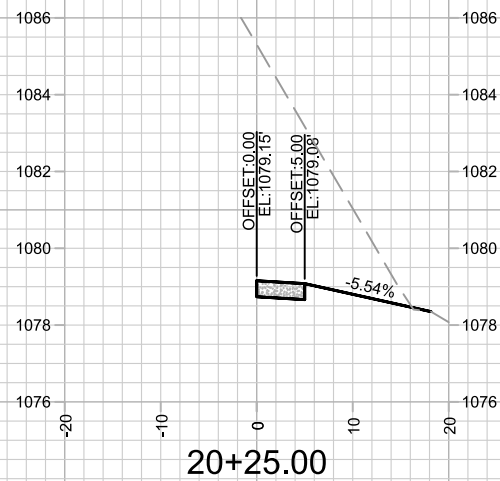
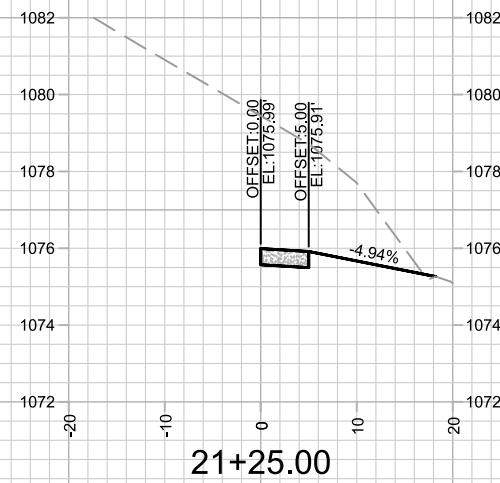
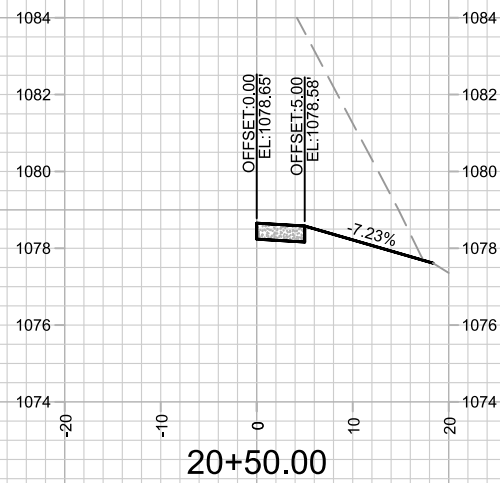
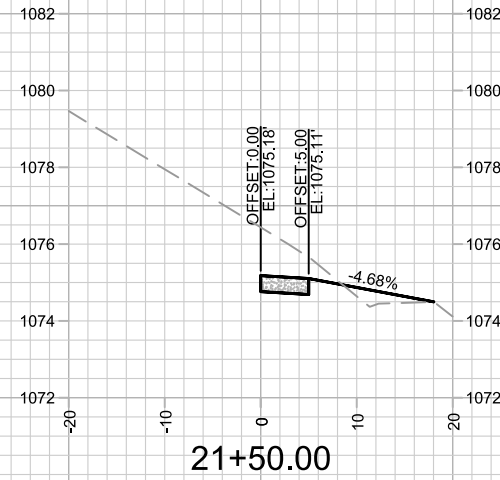
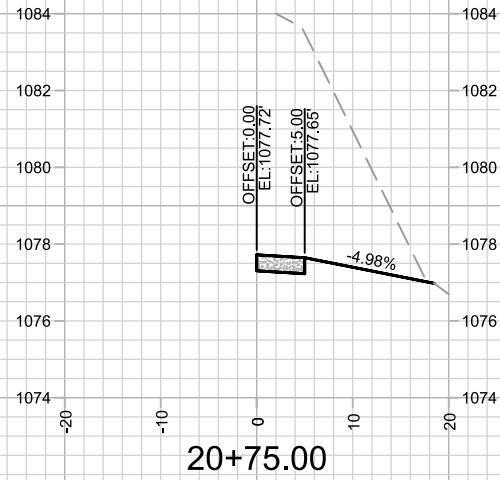
CROSS SECTIONS - S HIGH POINT RD  
1705-1713 S. HIGH POINT ROAD  
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14221  
X-3

REVISED 6/16/2023 - FADI EL MUSA

- ADDED SHEET TO SHOW SIDEWALK IMPROVEMENTS IN THE RIGHT OF WAY



MARK	REVISION	DATE	BY

Designed By: FBEG Date: 6/20/2023 10:32 AM Scale: #####  
14221 X-4

14221  
MADISON, WI  
9189  
CONTRACT NO:

CROSS SECTIONS - MID TOWN RD  
1705-1713 S. HIGH POINT ROAD  
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14221  
X-4