

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DIST 8 TM BUILD 2021-1	ST. CLAIR	27	1
		ILLINOIS	CONTRACT NO. 76N85	

INDEX OF SHEETS

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- 2 HIGHWAY STANDARDS, GENERAL NOTES AND COMMITMENTS
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# PROPOSED IMPROVEMENT PLANS

SECTION: DISTRICT 8 TM BUILDING 2021-1  
UNMARKED ROUTE  
PARKING LOT IMPROVEMENTS  
ST. CLAIR COUNTY

C-98-124-20

PLANS PREPARED BY



WWW.FUHRMANN-ENG.COM

1022 Eastport Plaza Drive Collinsville, Illinois 62234  
Phone: (618) 855-8000

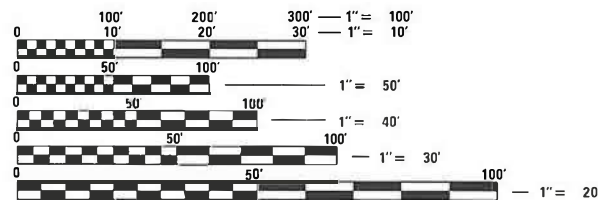
Illinois Professional Design Firm No. 184-003252  
License Expires 4/30/2021



*Brian D. Schmidt* 3/28/2021  
Date

License Expires 11/30/2021

MY SEAL APPLIES TO SHEETS: 23

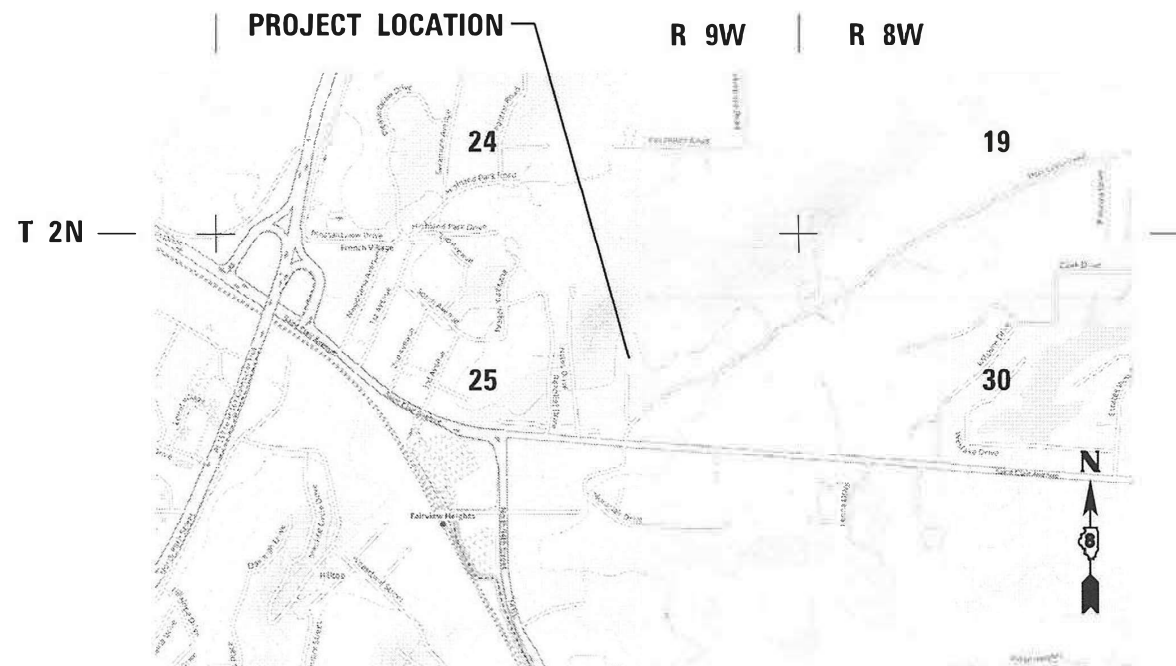


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS  
1-800-892-0123  
OR 811

PROJECT ENGINEER: BILLIE OWEN (618) 346-3209  
PROJECT MANAGER: PHILLIP FREIMUTH (618) 346-3194

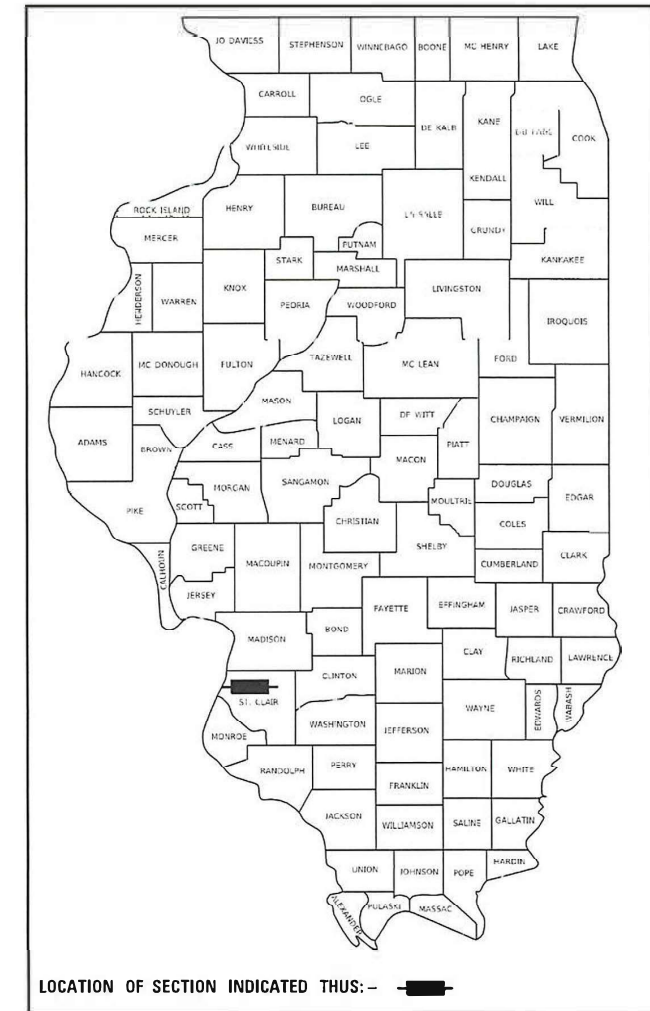
CONTRACT NO. 76N85



NET AREA OF IMPROVEMENTS = 3.958 ACRES

**HMG** ENGINEERS, INC.  
9360 HOLY CROSS LANE  
BREESE, ILLINOIS 62230  
Engineers • Surveyors (618) 526-9611  
IL PROF. DESIGN FIRM NO. 184.000899  
EXPIRES 04/30/2021

RESPONSIBLE FOR SHEETS 1-22: 24-27  
*Kent J. Schwaner* 03/20/2021  
KENT, J. SCHWANER, P.E.  
IL PROF. ENGINEER NO. 062.066103  
EXPIRES 11/30/2021



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
SUBMITTED *March 26, 2021*  
*K. Roberts* REGIONAL ENGINEER  
May 7, 2021  
*Scott A. Etk*  
ENGINEER OF DESIGN AND ENVIRONMENT  
May 7, 2021  
*James M. Jan*  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION 13

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## HIGHWAY STANDARDS

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
420001-09	PAVEMENT JOINTS
420701-03	PAVEMENT WELDED WIRE REINFORCEMENT
424016-05	MID-BLOCK CURB RAMPS FOR SIDEWALKS
606001-07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606201-04	TYPE B GUTTER (INLET, OUTLET, AND ENTRANCE)
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
701011-04	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES
821101-02	LUMINAIRE WIRING IN POLE
830021-03	LIGHT POLE STEEL TENON TOP
836001-04	LIGHT POLE FOUNDATION

## COMMITMENTS

- NONE

## GENERAL NOTES

- ALL ELEVATIONS REFER TO THE NAVD 88 DATUM.
- PAVEMENT MARKING WILL BE PERFORMED BY DISTRICT 8 SIGN SHOP PERSONNEL.
- THE CONTRACTOR SHALL PROVIDE POSITIVE AND ADEQUATE DRAINAGE AT ALL TIMES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING POSITIVE DRAINAGE IN THE DISTURBED AREAS ACCORDING TO THE PLANS AND TO THE SATISFACTION OF THE ENGINEER.
- THE CONTRACTOR SHALL EXERCISE CARE IN PERFORMING REMOVALS SO AS NOT TO DISRUPT ADJOINING FEATURES THAT ARE TO REMAIN IN PLACE. ANY DAMAGE CAUSED TO ADJOINING FEATURES AS A RESULT OF THE CONTRACTOR'S NEGLIGENCE SHALL BE REPAIRED AT NO ADDITIONAL COST TO THE CONTRACT TO THE SATISFACTION OF THE ENGINEER.
- ALL AREAS DISTURBED FOR ANY REASON SHALL BE PERMANENTLY SEEDED AS DIRECTED BY THE ENGINEER. ALL AREAS DISTURBED BY THE CONTRACTOR OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE SEEDED AT THE CONTRACTOR'S EXPENSE.
- THE FOLLOWING LIST OF J.U.L.I.E. MEMBER UTILITY COMPANIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

COMPANY	ABOVE GROUND	BELOW GROUND
AMEREN IL (GAS & ELECTRIC)	X	X
AT&T IL (COMMUNICATIONS)	X	X
VILLAGE OF CASEYVILLE (WATER & SANITARY SEWER)		X
CHARTER COMMUNICATIONS, INC. (CABLE TV)	X	X
CITY OF FAIRVIEW HEIGHTS (WATER & SANITARY SEWER)		X
IL AMERICAN WATER COMPANY (WATER)		X
CITY OF O'FALLON (WATER & SANITARY SEWER)		X
- IN ADDITION TO J.U.L.I.E. MEMBER UTILITY COMPANIES, THERE ARE EXISTING SITE UTILITIES THROUGHOUT THE PROJECT AREA.
- THE CONTRACTOR SHALL BE AWARE THAT THERE ARE MANHOLES & VALVES LOCATED WITHIN THE RESURFACING LIMITS. CARE SHALL BE TAKEN IN THESE LOCATIONS.
- THE CONTRACTOR SHALL EXERCISE CARE IN WORKING AROUND EXISTING UTILITIES TO REMAIN IN PLACE AND AGREES TO BE RESPONSIBLE FOR REPAIR AND MAINTENANCE OF SERVICE, IF DAMAGED BY THE CONTRACTOR'S ACTIVITIES, AS DEEMED SUCH BY THE ENGINEER.
- THE ILLINOIS DEPARTMENT OF TRANSPORTATION STRONGLY ENCOURAGES THE PRIME CONTRACTOR AND THEIR APPROVED SUB-CONTRACTORS TO HIRE MINORITY, WOMEN AND DISADVANTAGED INDIVIDUALS FROM ITS FEDERALLY FUNDED HIGHWAY CONSTRUCTION CAREERS TRAINING PROGRAM (HCCTP) TO HELP MEET WORKFORCE AND TRAINEE GOALS. THIS PROGRAM IS TRAINING MINORITIES, WOMEN AND DISADVANTAGED INDIVIDUALS IN HIGHWAY CONSTRUCTION-RELATED SKILLS, E.G., MATH FOR THE TRADES, JOB READINESS, TECHNICAL SKILLS COURSEWORK (CARPENTRY, CONCRETE FLATWORK, BLUEPRINT READING, SITE PLANS, SITE WORK, TOOLS USE, ETC.) AND OSHA 10 HOUR CERTIFICATION, TO PREPARE THEM FOR A CAREER IN THE HIGHWAY CONSTRUCTION TRADES. GRADUATES ARE WELL-TRAINED AND READY TO BECOME PRODUCTIVE ENTRY-LEVEL CONSTRUCTION WORKERS. PLEASE CONTACT THE DISTRICT 8 EEO OFFICE AT 618-346-3360 AND/OR THE HCCTP COORDINATOR AT 618/874-6528 TO LEARN MORE ABOUT THE PROGRAM AND FOR ASSISTANCE IN MEETING WORKFORCE AND TRAINEE GOALS.
- THE FOLLOWING APPLICATION RATES / UNIT WEIGHTS WERE USED IN THE CALCULATION / ESTIMATION OF PLAN QUANTITIES:

AGGREGATE MATERIALS	2.05 TONS / CU YD
RIPRAP	1.6 TONS / CU YD
BITUMINOUS MATERIALS (TACK COAT)	0.05 LBS / SQ FT (OVER EXISTING BASE)
	0.025 LBS / SQ FT (BETWEEN HMA LIFTS)
HOT-MIX ASPHALT	112 LBS / SQ YD / IN

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**HMG** HMG ENGINEERS, INC.  
 9360 HOLY CROSS LANE  
 BREESE, ILLINOIS 62230  
 Engineers + Surveyors (618) 526-9611  
 IL PROF. DESIGN FIRM NO. 184.000899

USER NAME =	kschwierjohn
PLOT SCALE =	100,0000' / in.
PLOT DATE =	3/26/2021

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**HIGHWAY STANDARDS, GENERAL NOTES**  
**AND COMMITMENTS**

SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DIST 8 TM BUILD 2021-1	ST. CLAIR	27	2
CONTRACT NO. 76N85				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	100% STATE	
				CONSTR. CODE	
				FVHTS	TM BLDG
				0005	URBAN
28200200	FILTER FABRIC	SQ YD	176		176
35100300	AGGREGATE BASE COURSE, TYPE A 4"	SQ YD	200		200
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	12		12
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	11746		11746
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	59		59
40600990	TEMPORARY RAMP	SQ YD	911		911
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	2283		2283
40604052	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	TON	1207		1207
40800029	BITUMINOUS MATERIALS (TACK COAT)	POUND	301		301
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	65		65
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	190		190
42400800	DETECTABLE WARNINGS	SQ FT	10		10
44000100	PAVEMENT REMOVAL	SQ YD	200		200
44000153	HOT-MIX ASPHALT SURFACE REMOVAL, 1"	SQ YD	3656		3656

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 IL PROF. DESIGN FIRM NO. 184.000899

USER NAME = kschwierjohn	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 / in.	CHECKED -	REVISED +
PLOT DATE = 3/29/2021	DATE -	REVISED +

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: SHEET 1 OF 3 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DIST 8 TM BUILD 2021-1	ST. CLAIR	27	3
			CONTRACT NO. 76N85	
ILLINOIS FED. AID PROJECT				

100%  
STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				FVHTS TM BLDG	
				0005	URBAN
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	13974	13974	
44000300	CURB REMOVAL	FOOT	1040	1040	
44000600	SIDEWALK REMOVAL	SQ FT	205	205	
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	7	7	
60602800	CONCRETE GUTTER, TYPE B	FOOT	850	850	
67100100	MOBILIZATION	L SUM	1	1	
* 81028320	UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	221	221	
* 81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	690	690	
* 82110008	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	5	5	
* 83060820	LIGHT POLE, GALVANIZED STEEL, 40 FT. M.H., TENON MOUNT	EACH	1	1	
* 83060825	LIGHT POLE, GALVANIZED STEEL, 40 FT. M.H., TENON MOUNT-TWIN	EACH	2	2	
* 83600300	LIGHT POLE FOUNDATION, 30" DIAMETER	FOOT	18	18	
84200600	REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	2	2	
84200804	REMOVAL OF POLE FOUNDATION	EACH	2	2	

\* SPECIALTY ITEM

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: SHEET 2 OF 3 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DIST 8 TM BUILD 2021-1	ST. CLAIR	27	4
			CONTRACT NO. 76N85	
ILLINOIS FED. AID PROJECT				

100%  
STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				FVHTS TM BLDG
				0005 URBAN
X0100002	GRADING AND SHAPING SPECIAL	SQ YD	1582	1582
X2501020	SEEDING, CLASS 2A (SPECIAL)	ACRE	0.5	0.5
X2810208	STONE RIPRAP, CLASS A4 (SPECIAL)	TON	94	94
X4200408	PORTLAND CEMENT CONCRETE PAVEMENT 8", SPECIAL	SQ YD	200	200
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	468	468
X6060052	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (SPECIAL)	FOOT	833	833
X6060078	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24 (SPECIAL)	FOOT	231	231
X6060097	CLASS SI CONCRETE (OUTLET), SPECIAL	CU YD	6	6
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1
Z0004002	BOLLARDS	EACH	10	10
Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500	500
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1

∅

∅ 0042

REV. - MS

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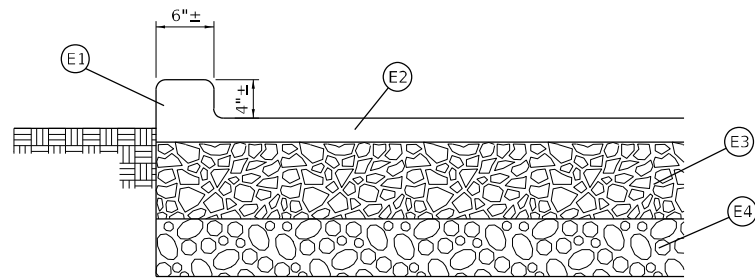
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**STATE OF ILLINOIS  
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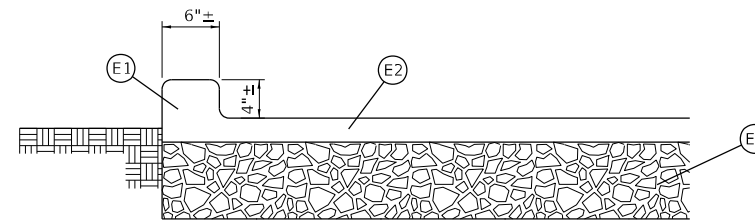
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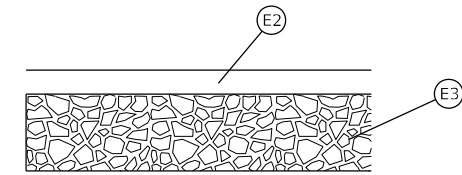
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	DIST 8 TM BUILD 2021-1	ST. CLAIR	27	5
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ILLINOIS FED. AID PROJECT				



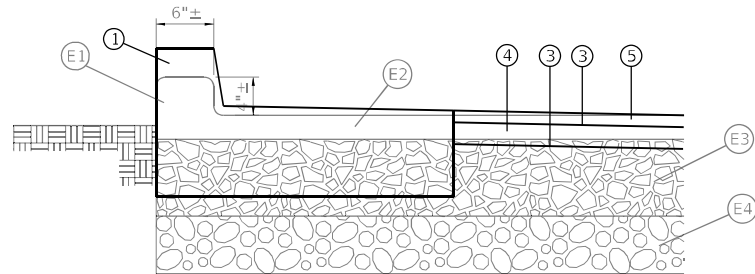
**EXISTING TYPICAL SECTION (SOUTH ROADWAY)**



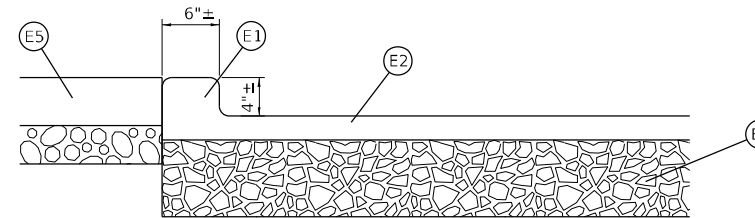
**EXISTING TYPICAL SECTION (SOUTH PARKING LOT)**



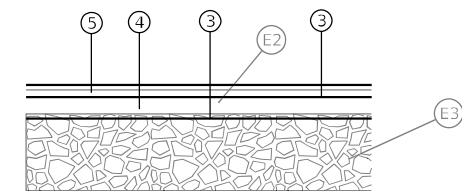
**EXISTING TYPICAL SECTION (SOUTH STORAGE YARD AND SOUTH PARKING LOT)**



**PROPOSED TYPICAL SECTION (SOUTH ROADWAY)**



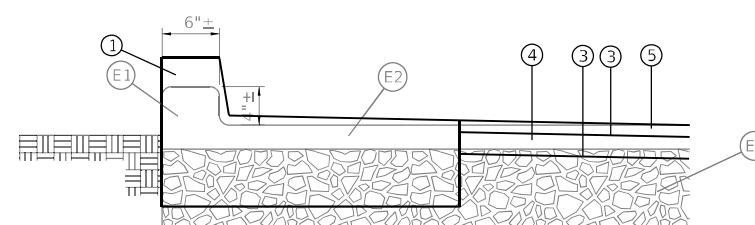
**EXISTING TYPICAL SECTION (SOUTH PARKING LOT)**



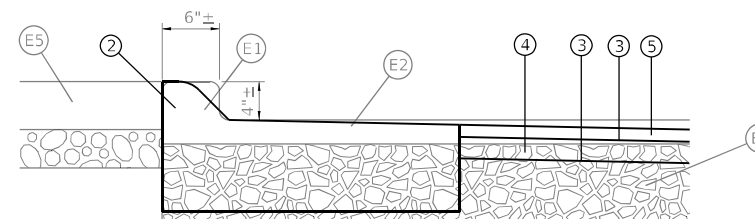
**PROPOSED TYPICAL SECTION (SOUTH STORAGE YARD AND SOUTH PARKING LOT)**

**LEGEND**

- ⓔ1 EX HMA CURB
- ⓔ2 EX HMA SURF (2.5"±)
- ⓔ3 EX BAM (8"±)
- ⓔ4 EX AGG BASE (6"±)
- ⓔ5 EX PCC SIDEWALK (5"±)
- ⓔ6 EX HMA SURF (3"±)
- ⓔ7 EX AGG BASE
- ⓔ8 EX HMA SURF (2"±)
- ⓔ9 EX BAM
- ① PR CONB CONC C&G, TY B-6.24 (SPL)
- ② PR COMB CONC C&G, TY M-4.24 (SPL)
- ③ PR BIT MAT (TACK COAT)
- ④ PR HMA BIND CSE, IL-19.0, N70 (MIN 2.25")
- ⑤ PR HMA SURF CSE, IL-9.5, MIX "C", N70 (1.25")
- ⑥ PR CONC GUTTER, TY B



**PROPOSED TYPICAL SECTION (SOUTH PARKING LOT)**



**PROPOSED TYPICAL SECTION (SOUTH PARKING LOT)**

MIXTURE USE	HMA SURFACE	HMA BINDER	INCIDENTAL
APPLICATION	HMA SC, IL-9.5, "C", N70	HMA BC, IL-19.0, N70	INCIDENTAL HMA SURF
AC/PG	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)	SEE SPECIAL PROVISIONS	SEE SPECIAL PROVISIONS	SEE SPECIAL PROVISIONS
DESIGN AIR VOIDS	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=70
MIX COMPOSITION	IL 9.5	IL 19.0	IL 9.5
FRICTION AGG	MIXTURE "C"		MIXTURE "C"
QUALITY MGMT PROG.			

**HMA MIXTURE COMPOSITION**

**NOTES:**  
EXISTING TYPICAL SECTION INFORMATION FOR SOUTH ROADWAY, SOUTH PARKING LOT AND SOUTH STORAGE YARD TAKEN FROM MICROFILM.

EXISTING TYPICAL SECTION INFORMATION FOR NORTH ROADWAY NORTH STORAGE YARD TAKEN FROM PAVEMENT CORES RANGING IN DEPTHS FROM 5" TO 8".

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USER NAME = kschwierjohn	DESIGNED -	REVISED -
PLOT SCALE = 20,000' / in.	DRAWN -	REVISED -
PLOT DATE = 3/26/2021	CHECKED -	REVISED -
	DATE -	REVISED -

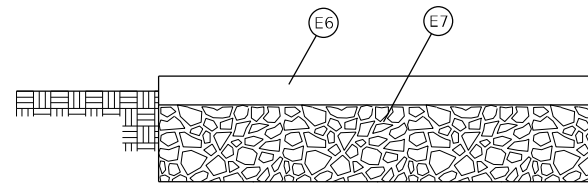
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DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

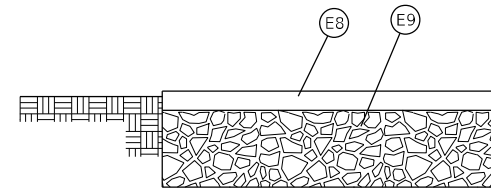
**TYPICAL SECTIONS AND HMA  
MIXTURE COMPOSITION**

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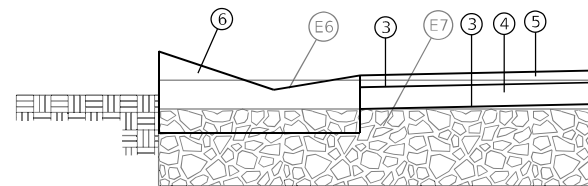
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DIST 8 TM BUILD 2021-1	ST. CLAIR	27	6
CONTRACT NO. 76N85				
ILLINOIS		FED. AID PROJECT		



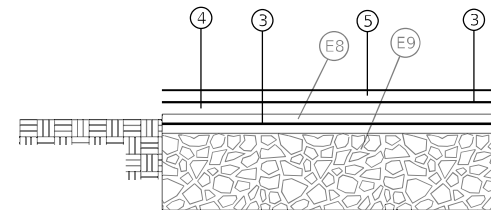
**EXISTING TYPICAL SECTION (NORTH ROADWAY)**



**EXISTING TYPICAL SECTION (NORTH STORAGE YARD)**



**PROPOSED TYPICAL SECTION (NORTH ROADWAY)**



**PROPOSED TYPICAL SECTION (NORTH STORAGE YARD)**

**LEGEND**

- ⓔ1 EX HMA CURB
- ⓔ2 EX HMA SURF (2.5"±)
- ⓔ3 EX BAM (8"±)
- ⓔ4 EX AGG BASE (6"±)
- ⓔ5 EX PCC SIDEWALK (5"±)
- ⓔ6 EX HMA SURF (3"±)
- ⓔ7 EX AGG BASE
- ⓔ8 EX HMA SURF (2"±)
- ⓔ9 EX BAM
- ① PR CONB CONC C&G, TY B-6.24 (SPL)
- ② PR COMB CONC C&G, TY M-4.24 (SPL)
- ③ PR BIT MAT (TACK COAT)
- ④ PR HMA BIND CSE, IL-19.0, N70 (MIN 2.25")
- ⑤ PR HMA SURF CSE, IL-9.5, MIX "C", N70 (1.25")
- ⑥ PR CONC GUTTER, TY B

**NOTES:**

EXISTING TYPICAL SECTION INFORMATION FOR SOUTH ROADWAY, SOUTH PARKING LOT AND SOUTH STORAGE YARD TAKEN FROM MICROFILM.

EXISTING TYPICAL SECTION INFORMATION FOR NORTH ROADWAY NORTH STORAGE YARD TAKEN FROM PAVEMENT CORES RANGING IN DEPTHS FROM 5" TO 8".

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**HMG** HMG ENGINEERS, INC.  
 9360 HOLY CROSS LANE  
 BREESE, ILLINOIS 62230  
 Engineers + Surveyors  
 (618) 526-9611  
 IL PROF. DESIGN FIRM NO. 184.000899

USER NAME	= kschwierjohn
PLOT SCALE	= 20,000' / in.
PLOT DATE	= 3/26/2021

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

REVISED	-
REVISED	-
REVISED	-
REVISED	-

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS AND HMA MIXTURE COMPOSITION			
SCALE: 1"=1'-0"	SHEET 2	OF 2 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DIST 8 TM BUILD 2021-1	ST. CLAIR	27	7
			CONTRACT NO. 76N85	
ILLINOIS FED. AID PROJECT				

REMOVAL SCHEDULE

LOCATION	HMA SURFACE REMOVAL, 1"	HMA SURFACE REMOVAL, 3"	HMA SURFACE REMOVAL, VARIABLE DEPTH	HMA SURFACE REMOVAL - BUTT JOINT	PAVEMENT REMOVAL	CURB REMOVAL	SIDEWALK REMOVAL
	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	FOOT	SQ FT
SOUTH ROADWAY		735.1				217.5	
SOUTH PARKING LOT		4986.3	467.6		200.0	821.9	204.9
SOUTH STORAGE YARD		6384.8		58.3			
NORTH ROADWAY		1687.8					
NORTH STORAGE YARD	3655.3						
TOTAL :	3655.3	13794.0	467.6	58.3	200.0	1039.4	204.9
USE :	3656	13794	468	59	200	1040	205

EROSION CONTROL SCHEDULE

LOCATION	STONE DUMPED RIPRAP, CLASS A4 (SPECIAL)	FILTER FABRIC	GRADING AND SHAPING SPECIAL	SEEDING, CLASS 2A (SPECIAL)
	TON	SQ YD	SQ YD	ACRE
SOUTH ROADWAY			206.0	0.04
SOUTH PARKING LOT			630.0	0.13
SOUTH STORAGE YARD				
NORTH ROADWAY	93.5	175.3	746.0	0.15
NORTH STORAGE YARD				
TOTAL :	93.5	175.3	1582.0	0.32
USE :	94	176	1582	0.5

PAVING SCHEDULE

LOCATION	AGGREGATE BASE COURSE, TYPE A 4"	AGGREGATE SURFACE COURSE, TYPE B	PCC PVMT 8", SPL	PCC SIDEWALK 5 INCH	DETECTABLE WARNINGS	CONCRETE GUTTER, TYPE B	CLASS SI CONCRETE (OUTLET)	CLASS SI CONCRETE (OUTLET), SPL	BOLLARDS	COMB CONC C&G, TY B-6.24 (SPL)	COMB CONC C&G, TY M-4.24 (SPL)	BITUMINOUS MATERIALS (TACK COAT)	HMA BINDER COURSE, IL-19.0, N70	HMA SURFACE COURSE, 1L-9.5, MIX "C" N70	BITUMINOUS MATERIALS (TACK COAT)	INCIDENTAL HMA SURFACING	TEMPORARY RAMP
	SQ YD	TON	SQ YD	SQ FT	SQ FT	FOOT	CU YD	CU YD	EACH	FOOT	FOOT	POUND	TON	TON	POUND	TON	SQ YD
SOUTH ROADWAY										234.5		448.0	105.9	46.5			56.1
SOUTH PARKING LOT	200.0		200.0	190.0	10.0					597.6	231.0	3532.2	672.4	366.3			173.5
SOUTH STORAGE YARD												4309.7	804.5	446.9	192.7	48.1	357.0
NORTH ROADWAY		8.8				850.0	6.4	5.7	10			1031.4	264.1	104.8	21.3	3.3	182.5
NORTH STORAGE YARD		2.5										2423.9	436.0	242.4	86.8	13.5	141.1
TOTAL :	200.0	11.3	200.0	190.0	10.0	850.0	6.4	5.7	10	832.1	231.0	11745.2	2282.9	1206.9	300.8	64.9	910.2
USE :	200	12	200	190	10	850	7	6	10	833	231	11746	2283	1207	301	65	911

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**HMG** HMG ENGINEERS, INC.  
9360 HOLY CROSS LANE  
BREESE, ILLINOIS 62230  
Engineers & Surveyors  
(618) 526-9611  
IL PROF. DESIGN FIRM NO. 184.000899

USER NAME =	kschwierjohn
PLOT SCALE =	100,0000' / in.
PLOT DATE =	3/29/2021

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

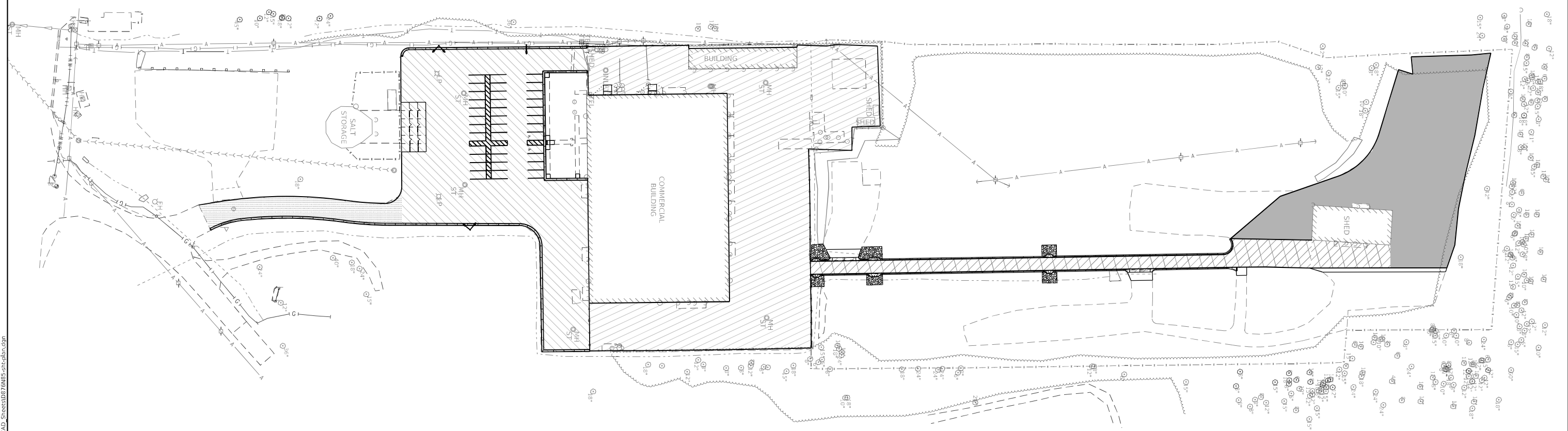
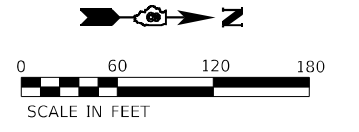
DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES			
SCALE:	SHEET 1	OF 1	SHEETS
STA.		TO STA.	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DIST 8 TM BUILD 2021-1	ST. CLAIR	27	8
			CONTRACT NO. 76N85	
		ILLINOIS	FED. AID PROJECT	





LEGEND	
	SOUTH ROADWAY
	SOUTH PARKING LOT
	SOUTH STORAGE YARD
	NORTH ROADWAY
	NORTH STORAGE YARD

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**HMG** HMG ENGINEERS, INC.  
 9360 HOLY CROSS LANE  
 BREESE, ILLINOIS 62230  
 Engineers + Surveyors (618) 526-9611  
 IL PROF. DESIGN FIRM NO. 184.000899

USER NAME = kschwierjohn  
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 PLOT DATE = 3/26/2021

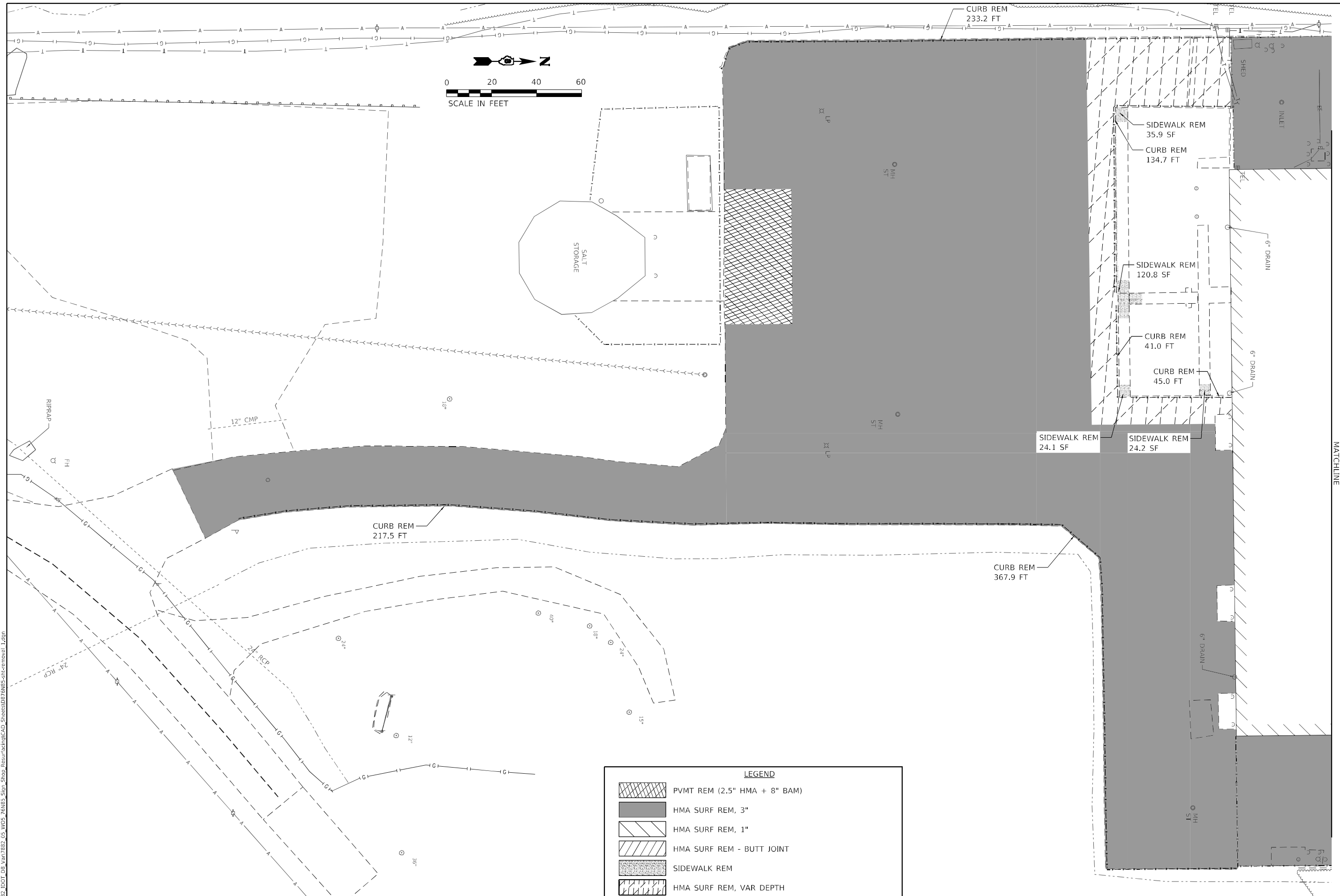
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 DRAWN -  
 CHECKED -  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**OVERALL PLAN**  
 SCALE: 1" = 60'    SHEET 1 OF 1 SHEETS    STA.    TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DIST 8 TM BUILD 2021-1	ST. CLAIR	27	9
CONTRACT NO. 76N85				
ILLINOIS FED. AID PROJECT				



**LEGEND**

	PVMT REM (2.5" HMA + 8" BAM)
	HMA SURF REM, 3"
	HMA SURF REM, 1"
	HMA SURF REM - BUTT JOINT
	SIDEWALK REM
	HMA SURF REM, VAR DEPTH

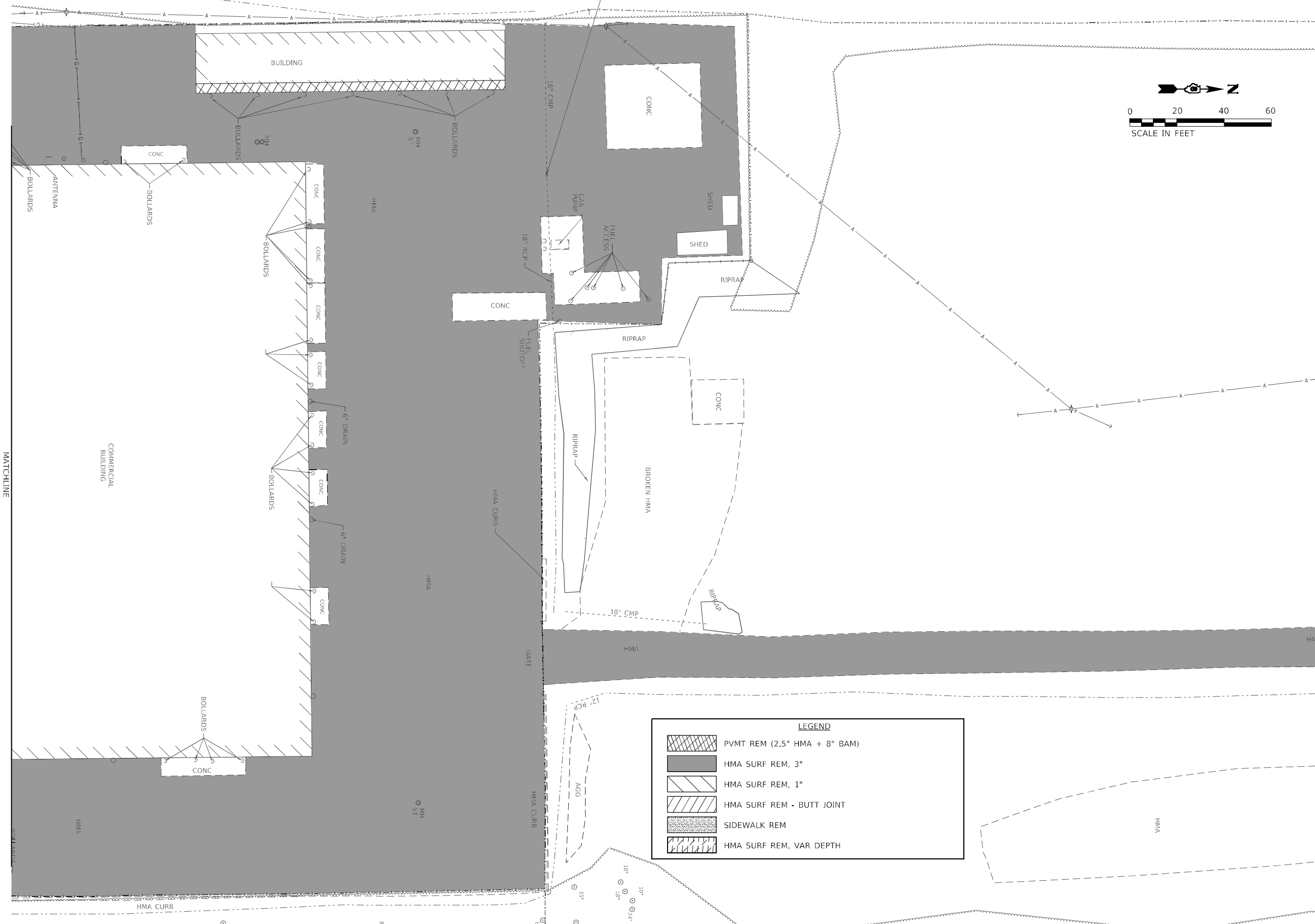
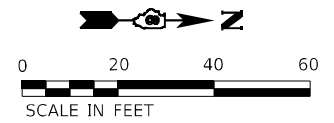
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 HMG ENGINEERS, INC.  
 9360 HOLY CROSS LANE  
 BREESE, ILLINOIS 62230  
 Engineers + Surveyors (618) 526-9611  
 IL PROF. DESIGN FIRM NO. 184.000899

USER NAME = kschwierjohn	DESIGNED -	REVISED -
PLOT SCALE = 40,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 3/29/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>REMOVALS</b>	
SCALE: 1" = 20'	SHEET 1 OF 3 SHEETS
STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DIST 8 TM BUILD 2021-1	ST. CLAIR	27	10
CONTRACT NO. 76N85				
ILLINOIS FED. AID PROJECT				



**LEGEND**

	PVMT REM (2.5" HMA + 8" BAM)
	HMA SURF REM, 3"
	HMA SURF REM, 1"
	HMA SURF REM - BUTT JOINT
	SIDEWALK REM
	HMA SURF REM, VAR DEPTH

MODEL: Default  
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**HMG** HMG ENGINEERS, INC.  
 9360 HOLY CROSS LANE  
 BREESE, ILLINOIS 62230  
 Engineers + Surveyors (618) 526-9611  
 IL PROF. DESIGN FIRM NO. 184.000899

USER NAME = kschwlerjohn  
 PLOT SCALE = 40,0000' / in.  
 PLOT DATE = 3/29/2021

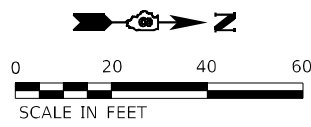
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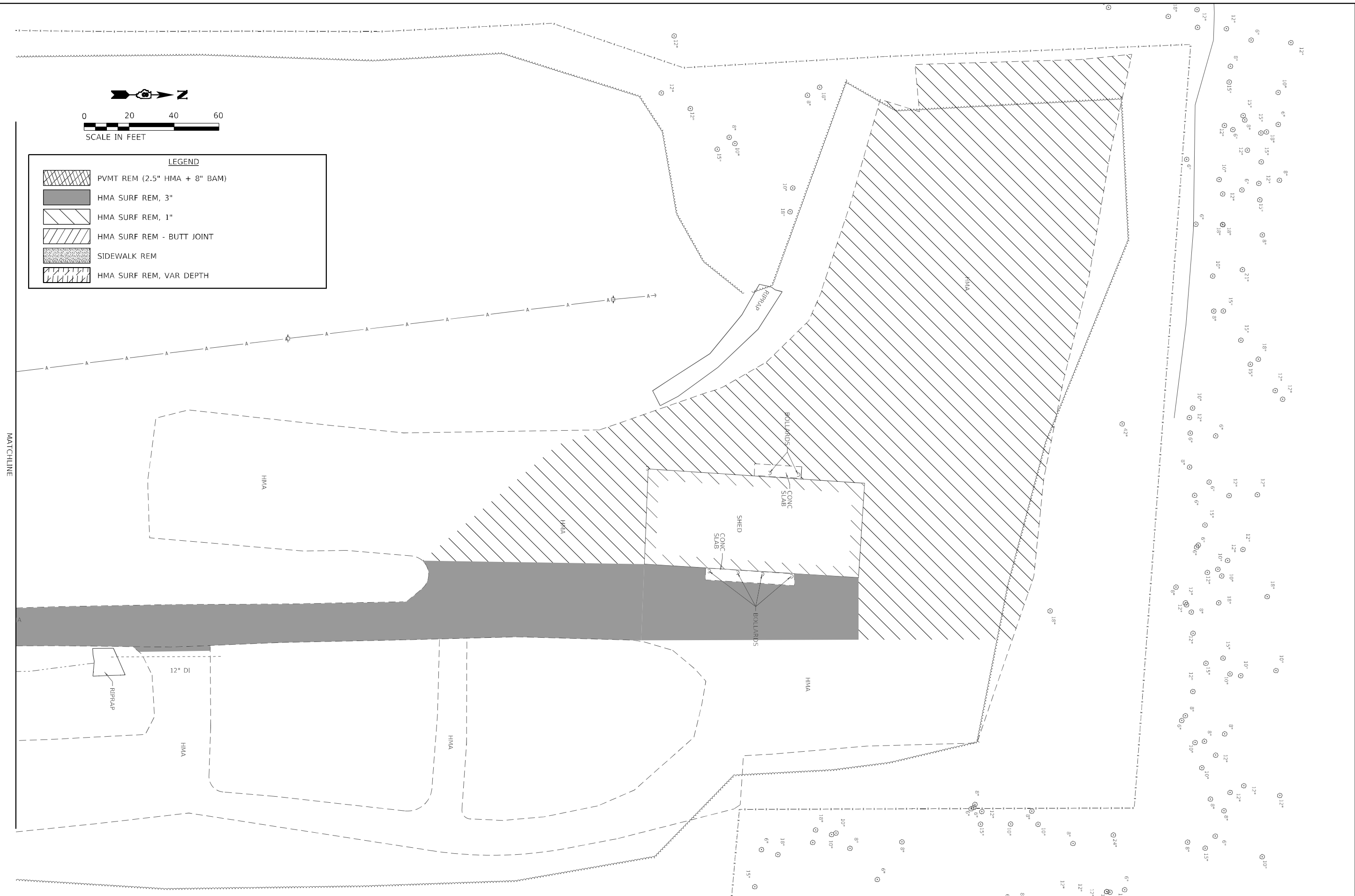
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**REMOVALS**  
 SCALE: 1" = 20' SHEET 2 OF 3 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DIST 8 TM BUILD 2021-1	ST. CLAIR	27	11
CONTRACT NO. 76N85				
ILLINOIS FED. AID PROJECT				



LEGEND	
	PVMT REM (2.5" HMA + 8" BAM)
	HMA SURF REM, 3"
	HMA SURF REM, 1"
	HMA SURF REM - BUTT JOINT
	SIDEWALK REM
	HMA SURF REM, VAR DEPTH



MODEL: Default  
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**HMG** HMG ENGINEERS, INC.  
 9360 HOLY CROSS LANE  
 BREESE, ILLINOIS 62230  
 Engineers & Surveyors (618) 526-9611  
 IL PROF. DESIGN FIRM NO. 184.000899

USER NAME =	kschwlerjohn
PLOT SCALE =	40,0000' / in.
PLOT DATE =	3/29/2021

DESIGNED -	
DRAWN -	
CHECKED -	
DATE -	

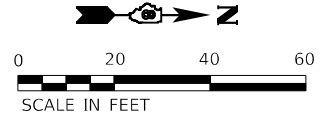
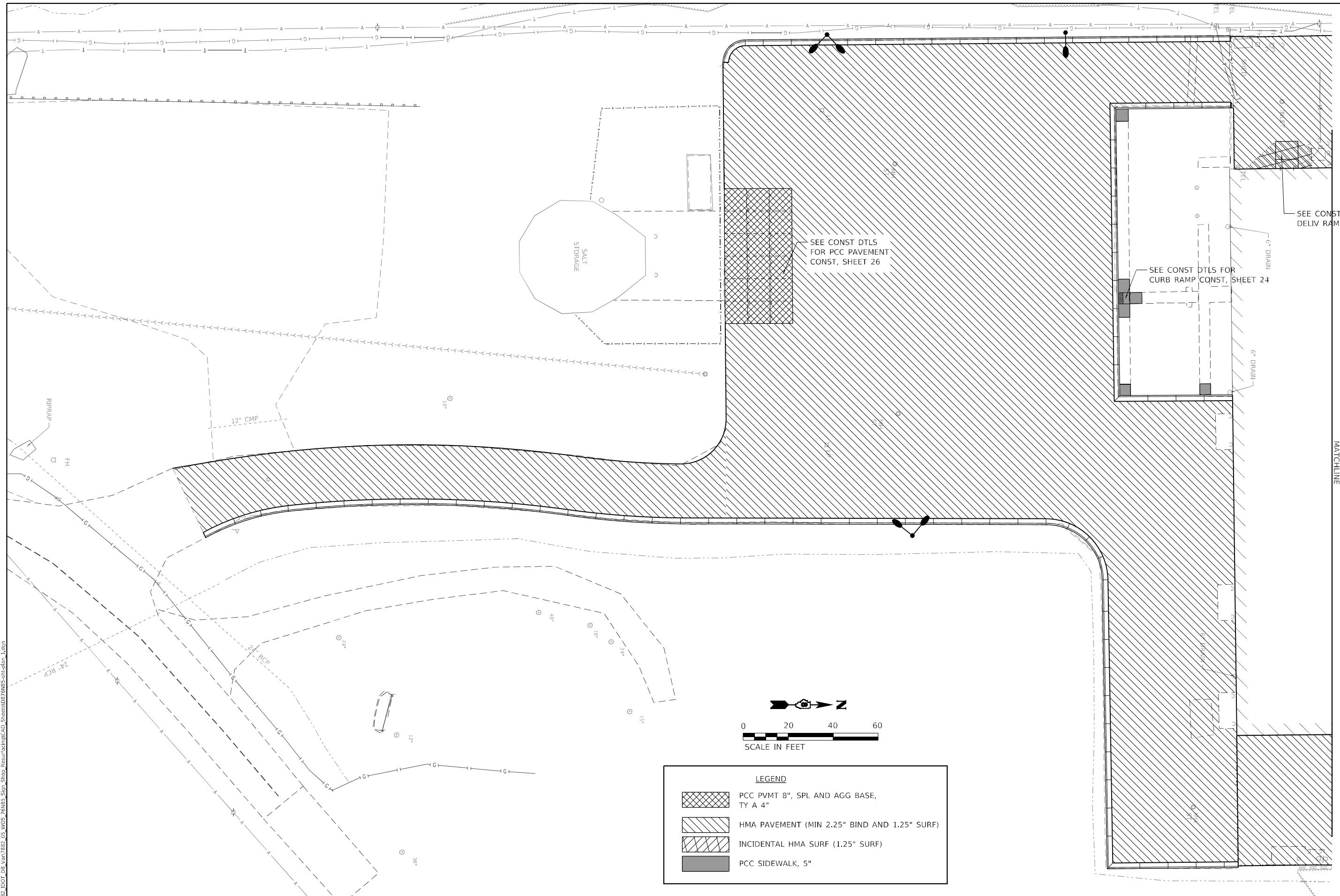
REVISED -	
REVISED -	
REVISED -	
REVISED -	

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

SCALE: 1" = 20'		SHEET 3	OF 3 SHEETS	STA.	TO STA.
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**REMOVALS**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DIST 8 TM BUILD 2021-1	ST. CLAIR	27	12
CONTRACT NO. 76N85				
ILLINOIS FED. AID PROJECT				



**LEGEND**

	PCC PVMT 8", SPL AND AGG BASE, TY A 4"
	HMA PAVEMENT (MIN 2.25" BIND AND 1.25" SURF)
	INCIDENTAL HMA SURF (1.25" SURF)
	PCC SIDEWALK, 5"

SEE CONST DTLS FOR DELIV RAMP CONST, SHEET 25

SEE CONST DTLS FOR CURB RAMP CONST, SHEET 24

SEE CONST DTLS FOR PCC PAVEMENT CONST, SHEET 26

MATCHLINE

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**HMG** HMG ENGINEERS, INC.  
9360 HOLY CROSS LANE  
BREESE, ILLINOIS 62230  
Engineers + Surveyors (618) 526-9611  
IL PROF. DESIGN FIRM NO. 184.000899

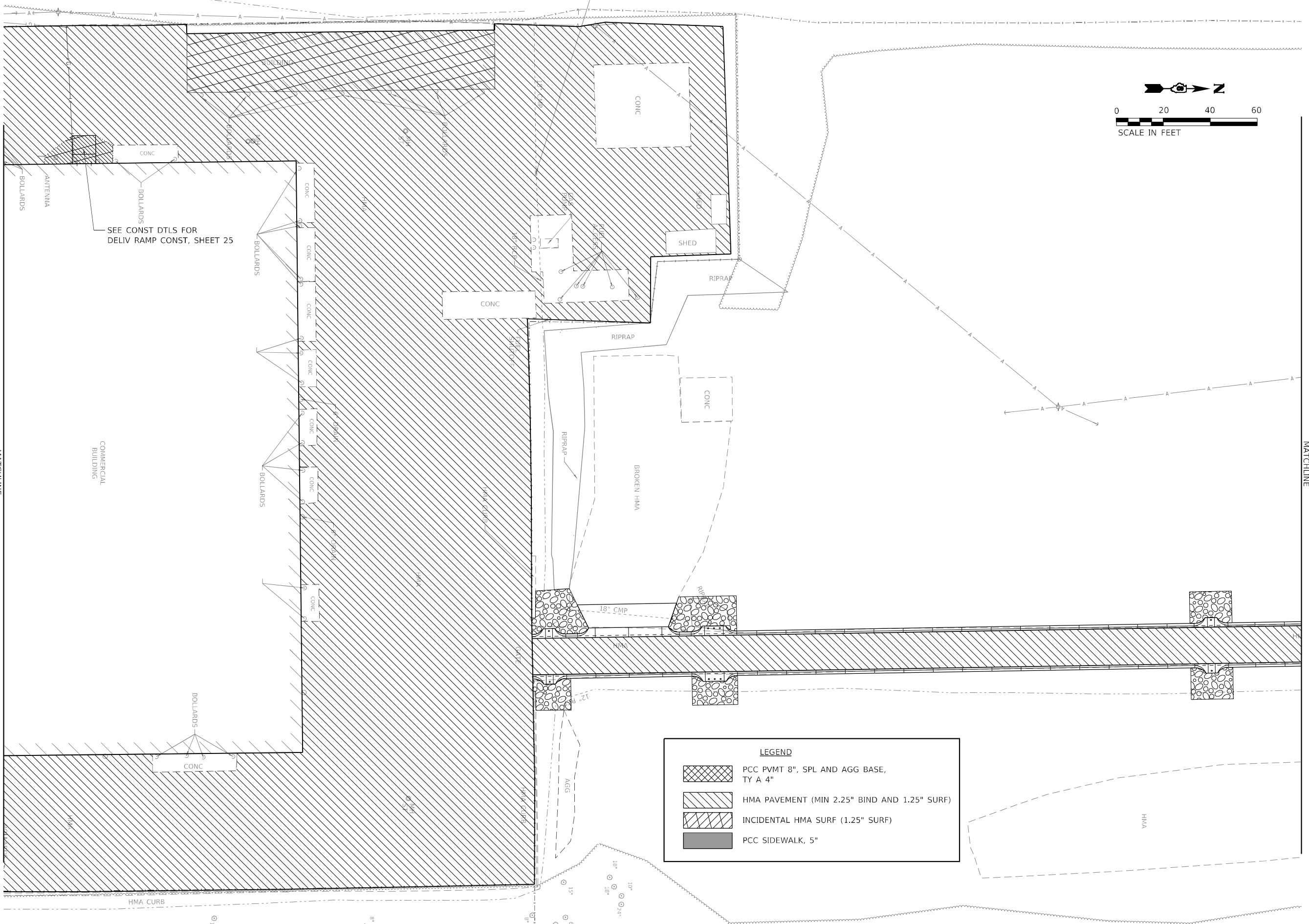
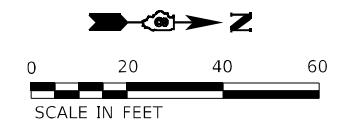
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PLOT SCALE = 40,000' / in.	DRAWN -	REVISED -
PLOT DATE = 3/26/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVING PLAN**

SCALE: 1" = 20' SHEET 1 OF 3 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DIST 8 TM BUILD 2021-1	ST. CLAIR	27	13
CONTRACT NO. 76N85				
ILLINOIS FED. AID PROJECT				



**LEGEND**

	PCC PVMT 8", SPL AND AGG BASE, TY A 4"
	HMA PAVEMENT (MIN 2.25" BIND AND 1.25" SURF)
	INCIDENTAL HMA SURF (1.25" SURF)
	PCC SIDEWALK, 5"

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**HMG** HMG ENGINEERS, INC.  
9360 HOLY CROSS LANE  
BREESE, ILLINOIS 62230  
Engineers & Surveyors (618) 526-9611  
IL PROF. DESIGN FIRM NO. 184.000899

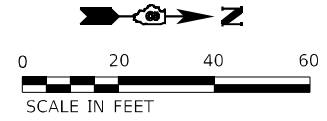
USER NAME = kschwlerjohn	DESIGNED -	REVISED -
PLOT SCALE = 40,000' / in.	DRAWN -	REVISED -
PLOT DATE = 3/26/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

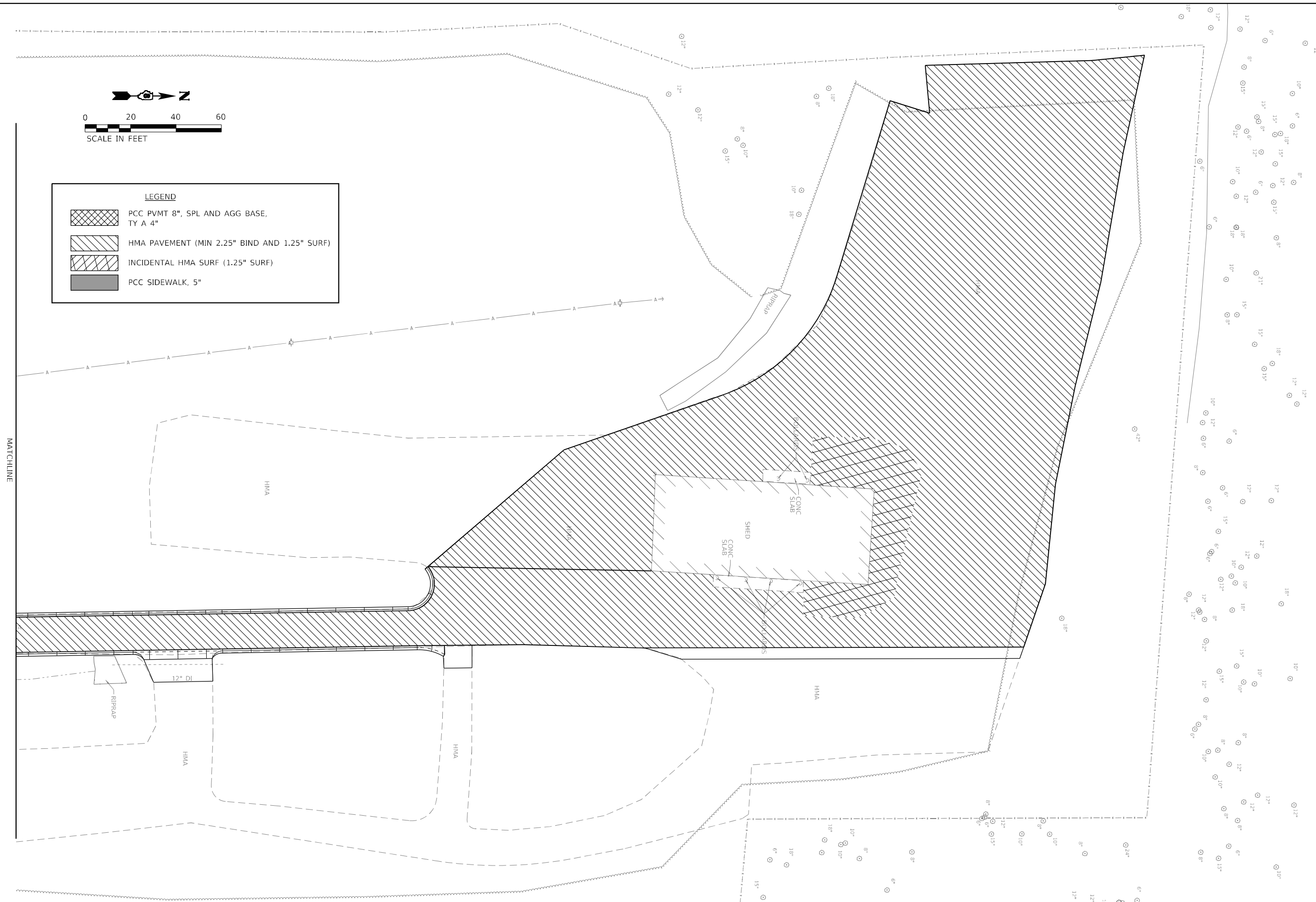
**PAVING PLAN**

SCALE: 1" = 20' SHEET 2 OF 3 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DIST 8 TM BUILD 2021-1	ST. CLAIR	27	14
ILLINOIS FED. AID PROJECT			CONTRACT NO. 76N85	



LEGEND	
	PCC PVMT 8", SPL AND AGG BASE, TY A 4"
	HMA PAVEMENT (MIN 2.25" BIND AND 1.25" SURF)
	INCIDENTAL HMA SURF (1.25" SURF)
	PCC SIDEWALK, 5"



MODEL: Default  
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**HMG** HMG ENGINEERS, INC.  
 9360 HOLY CROSS LANE  
 BREESE, ILLINOIS 62230  
 Engineers & Surveyors (618) 526-9611  
 IL PROF. DESIGN FIRM NO. 184.000899

USER NAME = kschwierjohn  
 PLOT SCALE = 40,000' / in.  
 PLOT DATE = 3/26/2021

DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -

REVISED -  
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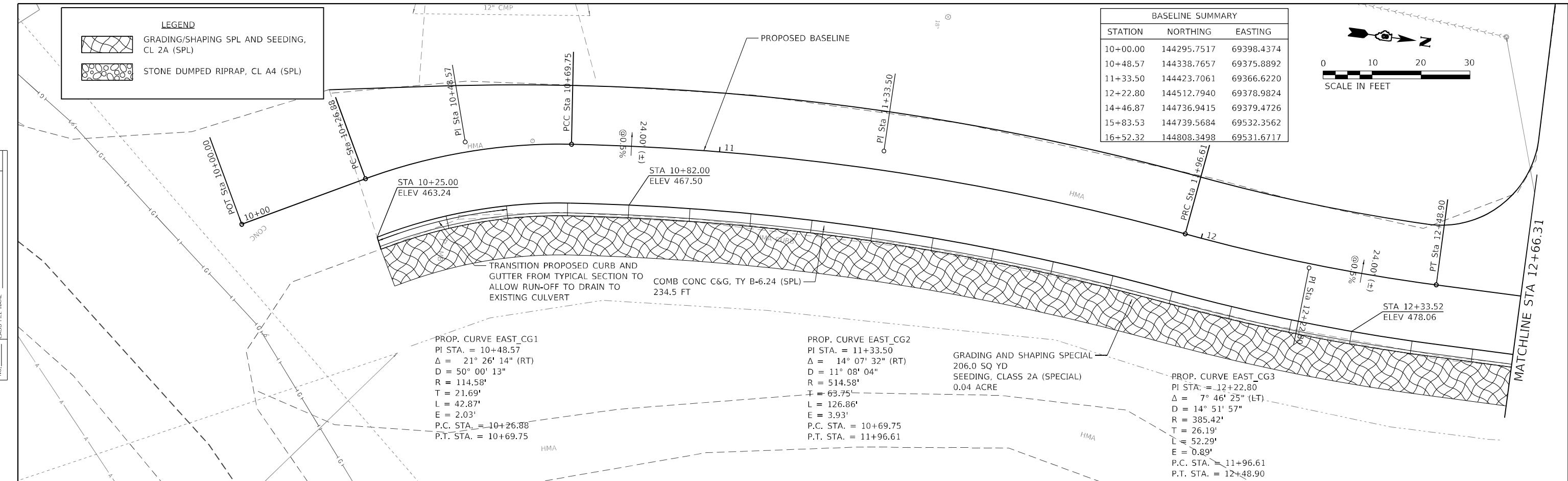
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PAVING PLAN**  
 SCALE: 1" = 20'    SHEET 3 OF 3 SHEETS    STA.    TO STA.

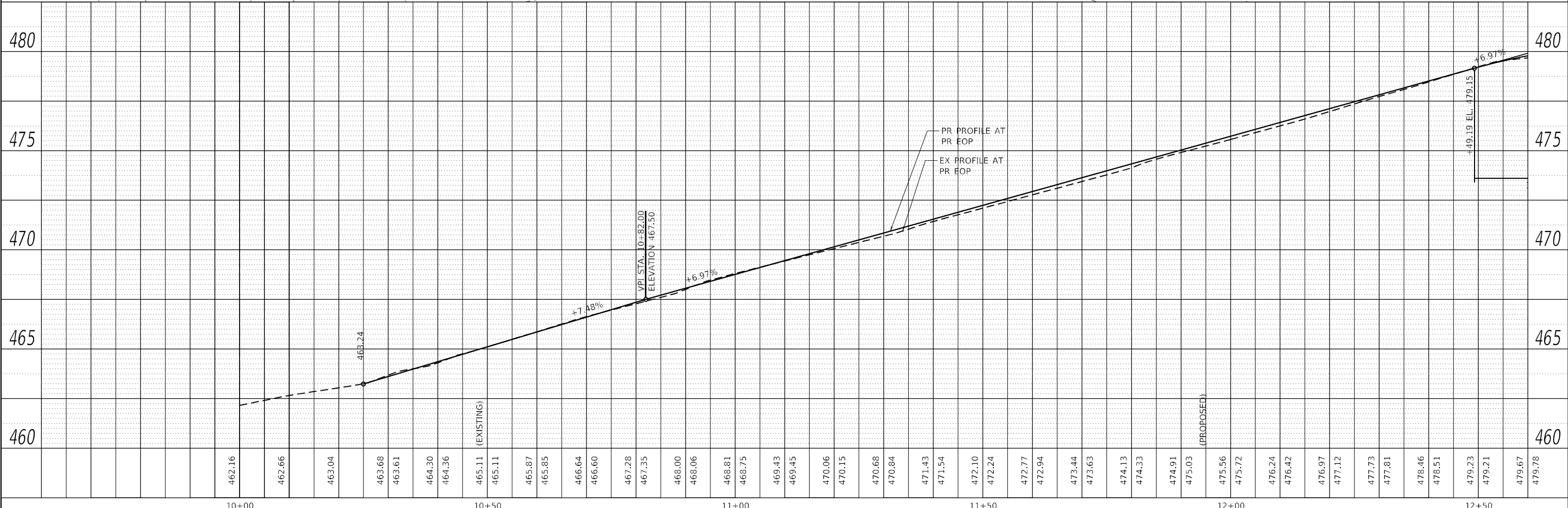
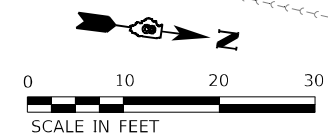
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	DIST 8 TM BUILD 2021-1	ST. CLAIR	27	15
CONTRACT NO. 76N85				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	
	CHECKED	
	FILED	
	NO. _____	
	NOTE BOOK	
	NO. _____	
	CADD FILE NAME	
	_____	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATION	
	NO. _____	
	NOTE BOOK	
	NO. _____	
	CADD FILE NAME	
	_____	



BASELINE SUMMARY		
STATION	NORTHING	EASTING
10+00.00	144295.7517	69398.4374
10+48.57	144338.7657	69375.8892
11+33.50	144423.7061	69366.6220
12+22.80	144512.7940	69378.9824
14+46.87	144736.9415	69379.4726
15+83.53	144739.5684	69532.3562
16+52.32	144808.3498	69531.6717



<b>HMG</b> HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BIRESE, ILLINOIS 62230 Engineers • Surveyors (618) 526-9611 IL PROF. DESIGN FIRM NO. 184.000899	USER NAME = kscnwierjohn	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN AND PROFILE</b> <b>SOUTH ROADWAY</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 20,0000 * / in.	DRAWN -	REVISED -			DIST 8 TM BUILD 2021-1	ST. CLAIR	27	16	
	PLOT DATE = 3/26/2021	CHECKED -	REVISED -			CONTRACT NO. 76N85				
	DATE -	REVISED -	REVISED -			ILLINOIS FED. AID PROJECT				

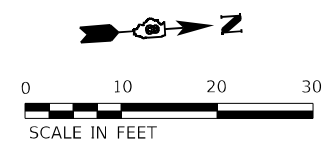
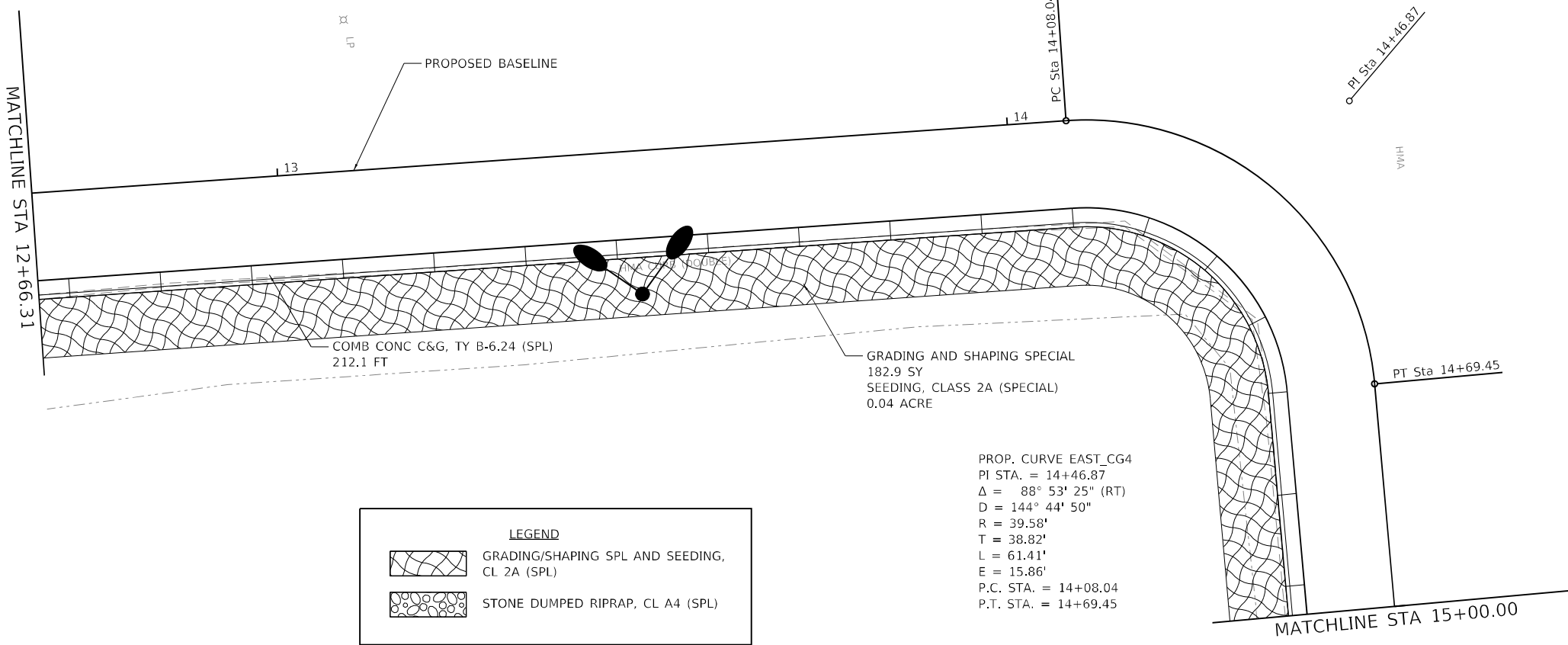
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PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	BY	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	BY	
	NO.	

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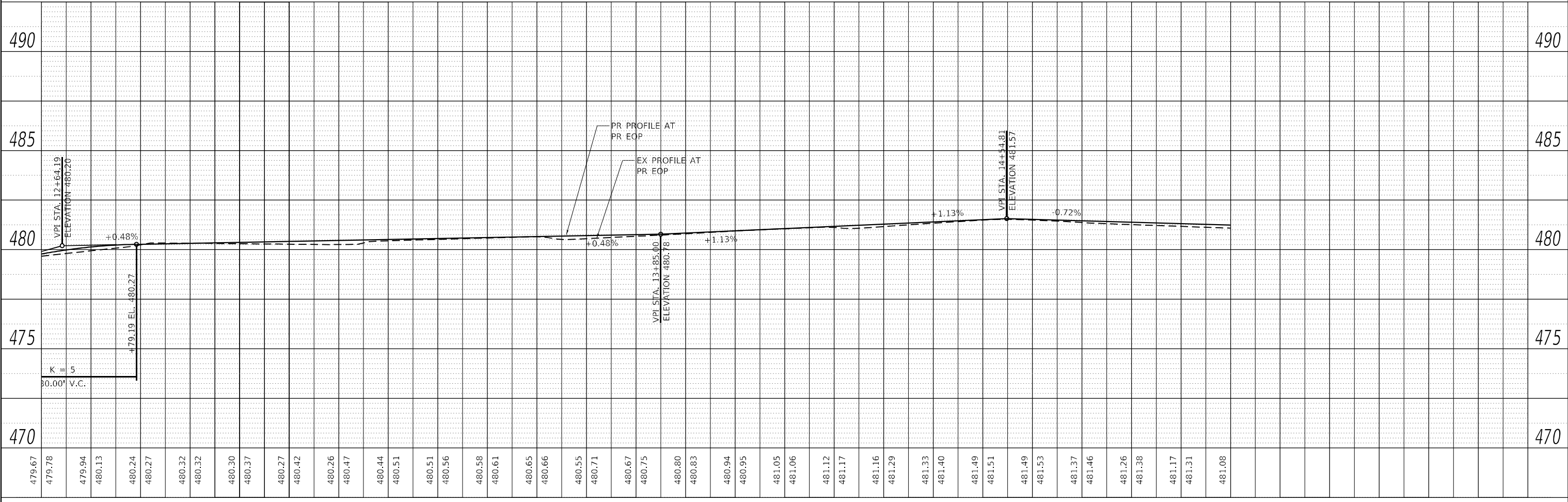


**LEGEND**

	GRADING/SHAPING SPL AND SEEDING, CL 2A (SPL)
	STONE DUMPED RIPRAP, CL A4 (SPL)

**BASELINE SUMMARY**

STATION	NORTHING	EASTING
10+00.00	144295.7517	69398.4374
10+48.57	144338.7657	69375.8892
11+33.50	144423.7061	69366.6220
12+22.80	144512.7940	69378.9824
14+46.87	144736.9415	69379.4726
15+83.53	144739.5684	69532.3562
16+52.32	144808.3498	69531.6717

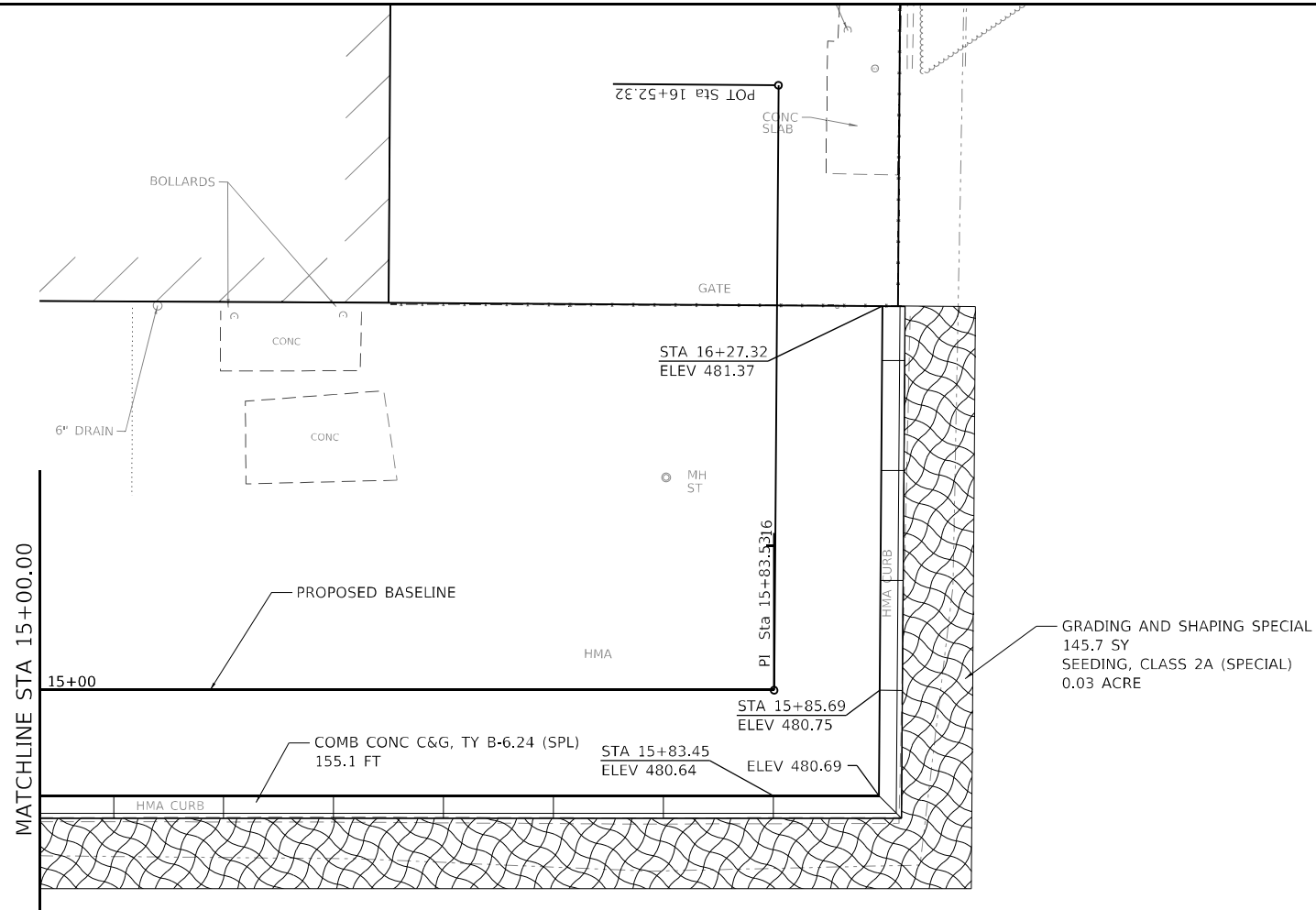
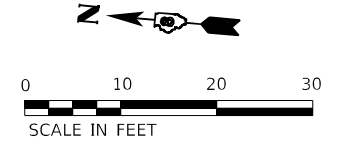


<b>HMG ENGINEERS, INC.</b> 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611 IL PROF. DESIGN FIRM NO. 184.000899	USER NAME = kscnwlejohn DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS          DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN AND PROFILE          SOUTH PARKING LOT</b>		F.A. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.
	PLOT SCALE = 20,0000' / in. PLOT DATE = 3/26/2021	SCALE:		SHEET 2 OF 7 SHEETS STA. TO STA.	DIST 8 TM BUILD 2021-1 ST. CLAIR CONTRACT NO. 76N85 ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNED		
	CHECKED		
	FILED		
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	NO.		

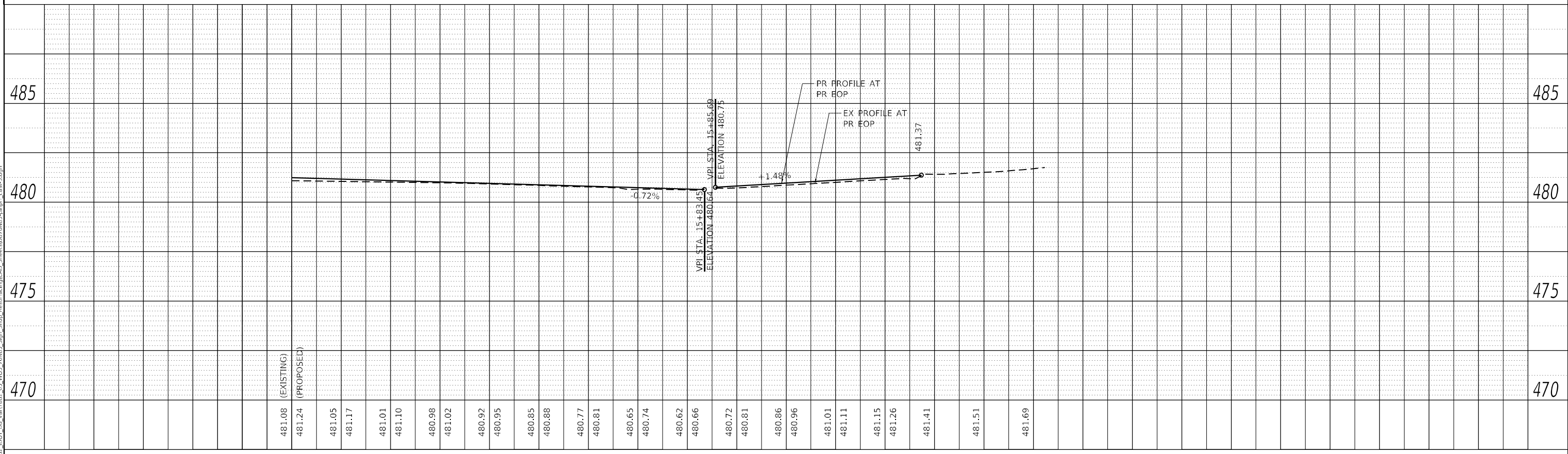
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	PLOTTED		
	GRADES		
	CHECKED		
	STRUCTURE		
	NOTATION		
	NO.		

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BASELINE SUMMARY		
STATION	NORTHING	EASTING
10+00.00	144295.7517	69398.4374
10+48.57	144338.7657	69375.8892
11+33.50	144423.7061	69366.6220
12+22.80	144512.7940	69378.9824
14+46.87	144736.9415	69379.4726
15+83.53	144739.5684	69532.3562
16+52.32	144808.3498	69531.6717

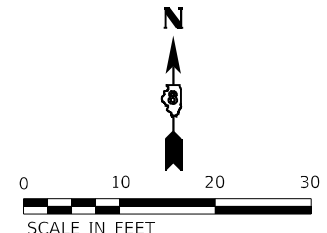
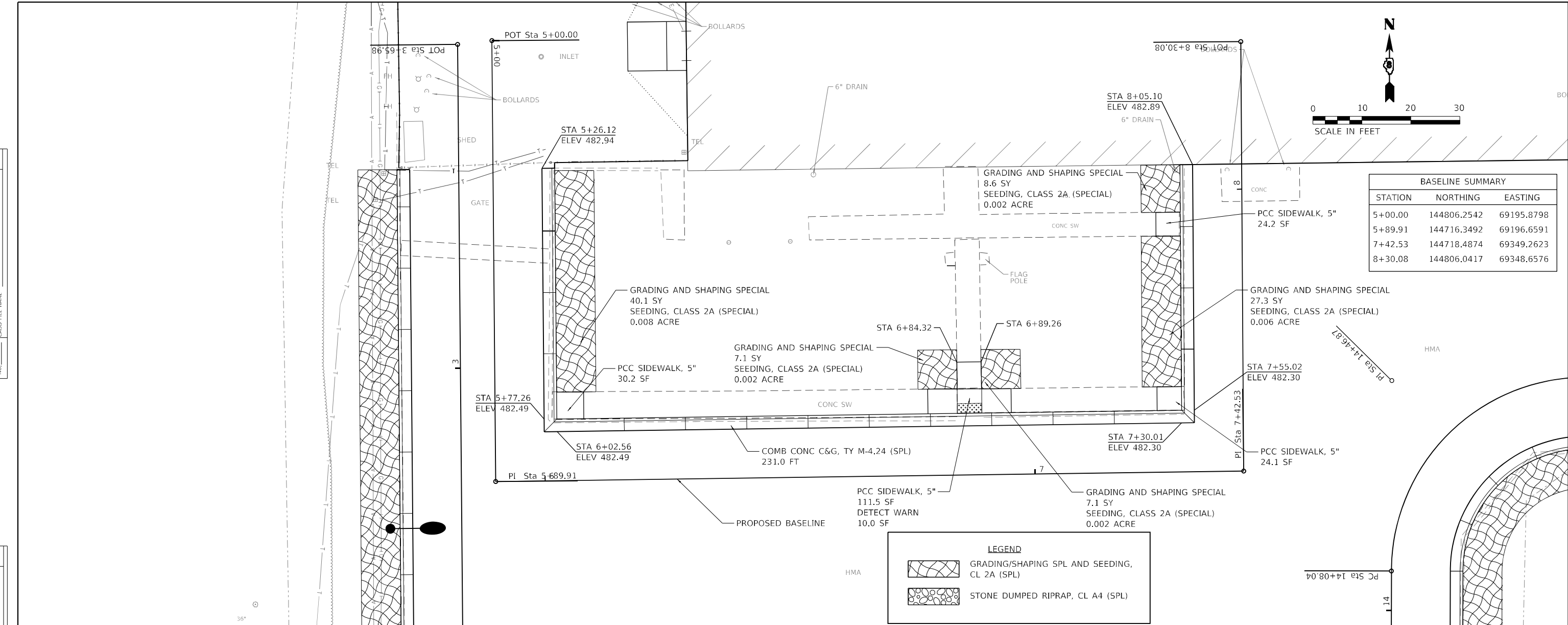
LEGEND	
	GRADING/SHAPING SPL AND SEEDING, CL 2A (SPL)
	STONE DUMPED RIPRAP, CL A4 (SPL)



<b>HMG ENGINEERS, INC.</b> 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 (618) 526-9611 IL PROF. DESIGN FIRM NO. 184.000899	USER NAME = kscnwlejohn DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN AND PROFILE</b> <b>SOUTH PARKING LOT</b>	F.A. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO. DIST 8 TM BUILD 2021-1 ST. CLAIR 27 18 CONTRACT NO. 76N85
	PLOT SCALE = 20,0000 * / in. PLOT DATE = 3/26/2021	SCALE: SHEET 3 OF 7 SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT

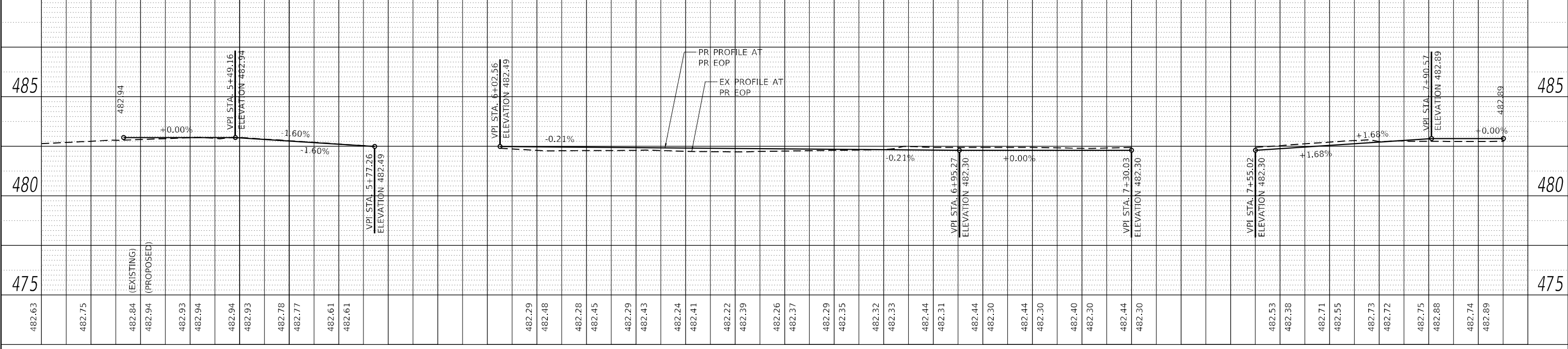
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	PLOTTED	
	ALIGNED	
	CHECKED	
	BY	
	NO.	
	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	BY	
	NO.	
	FILE NAME	

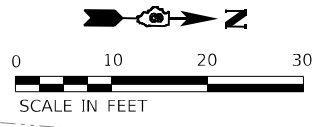


BASELINE SUMMARY		
STATION	NORTHING	EASTING
5+00.00	144806.2542	69195.8798
5+89.91	144716.3492	69196.6591
7+42.53	144718.4874	69349.2623
8+30.08	144806.0417	69348.6576

LEGEND	
	GRADING/SHAPING SPL AND SEEDING, CL 2A (SPL)
	STONE DUMPED RIPRAP, CL A4 (SPL)

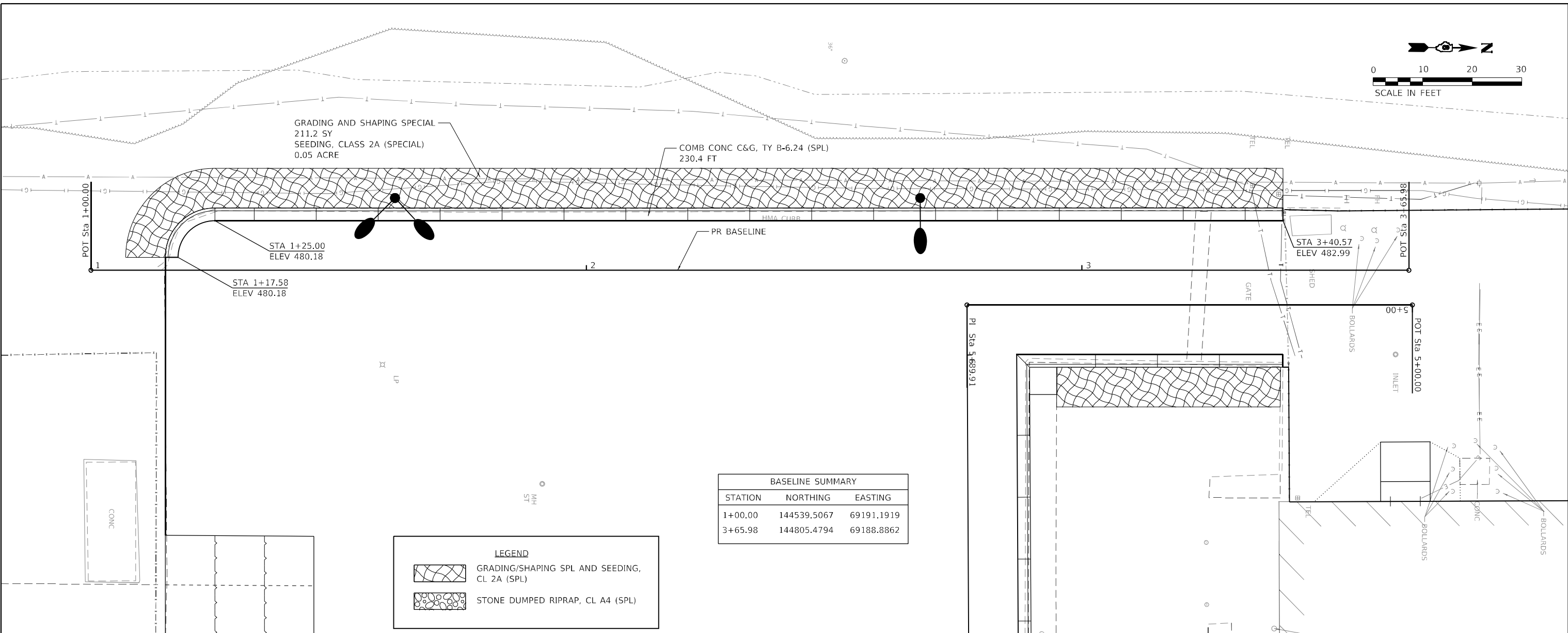


<b>HMG ENGINEERS, INC.</b> 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 Engineers • Surveyors (618) 526-9611 IL PROF. DESIGN FIRM NO. 184.000899	USER NAME = kschweiljohn DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN AND PROFILE</b> <b>SOUTH PARKING LOT</b>	SCALE:	SHEET 4 OF 7 SHEETS	STA. TO STA.	F.A. RTE.	SECTION DIST 8 TM BUILD 2021-1	COUNTY ST. CLAIR	TOTAL SHEETS 27	SHEET NO. 19
	PLOT SCALE = 20,000' / in. PLOT DATE = 3/26/2021	DATE -			CONTRACT NO. 76N85	ILLINOIS FED. AID PROJECT						



PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNED		
	CHECKED		
	FILED		
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	NO.		

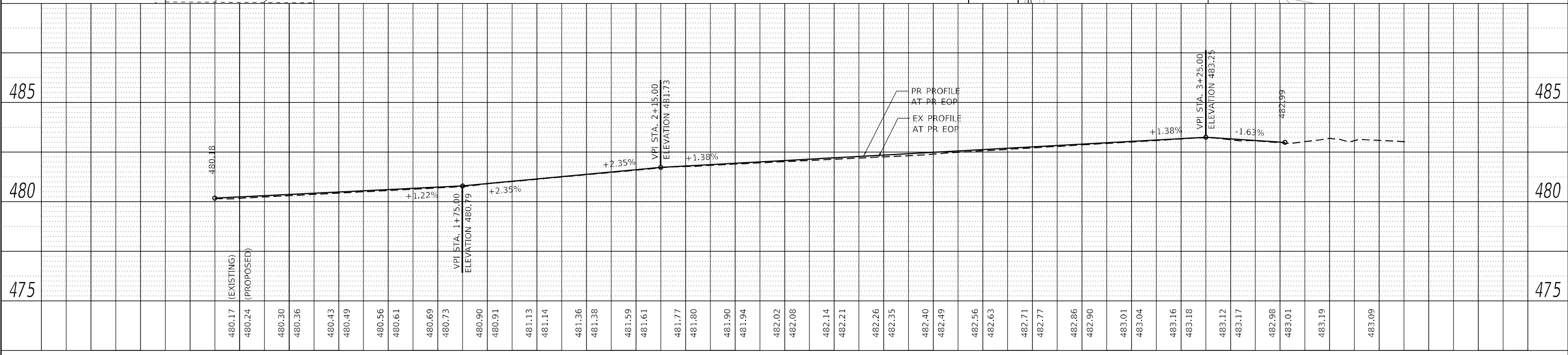
PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES		
	CHECKED		
	STRUCTURE		
	NOTATIONS		
	NO.		
	NO.		



BASELINE SUMMARY		
STATION	NORTHING	EASTING
1+00.00	144539.5067	69191.1919
3+65.98	144805.4794	69188.8862

**LEGEND**

- GRADING/SHAPING SPL AND SEEDING, CL 2A (SPL)
- STONE DUMPED RIPRAP, CL A4 (SPL)



**HMG ENGINEERS, INC.**  
 9360 HOLY CROSS LANE  
 BIRESE, ILLINOIS 62230  
 (618) 526-9611  
 IL PROF. DESIGN FIRM NO. 184.000899

USER NAME =	kschwlerjohn	DESIGNED -	REVISED -
PLOT SCALE =	20,000' / in.	DRAWN -	REVISED -
PLOT DATE =	3/26/2021	CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

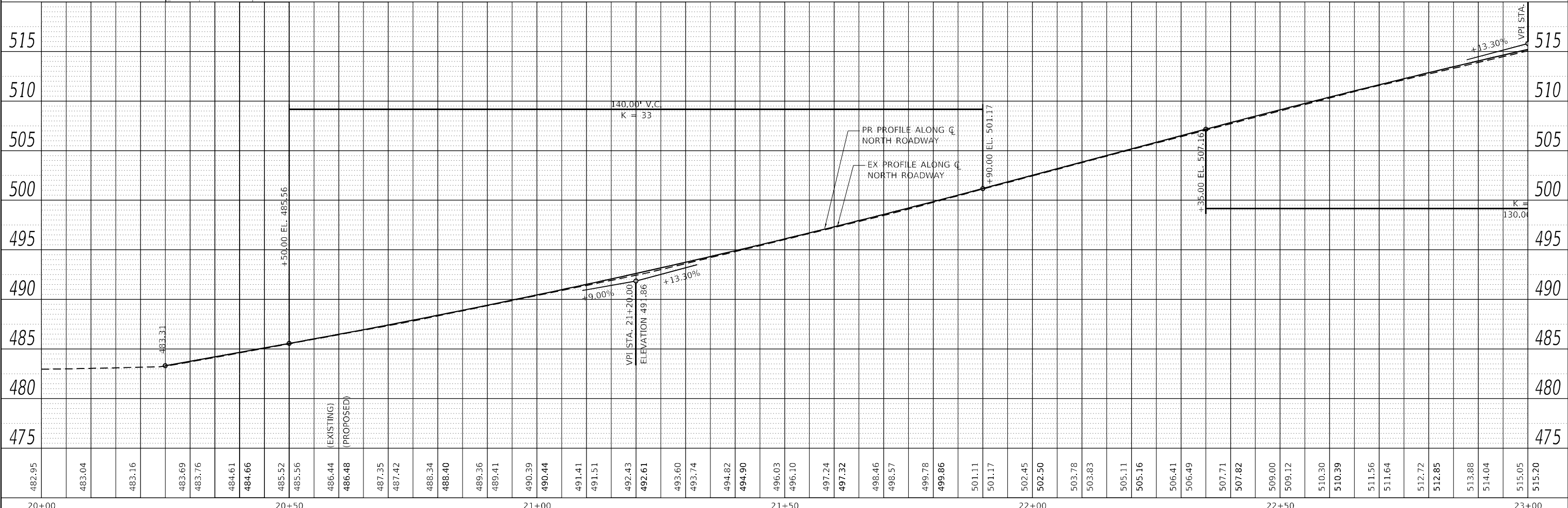
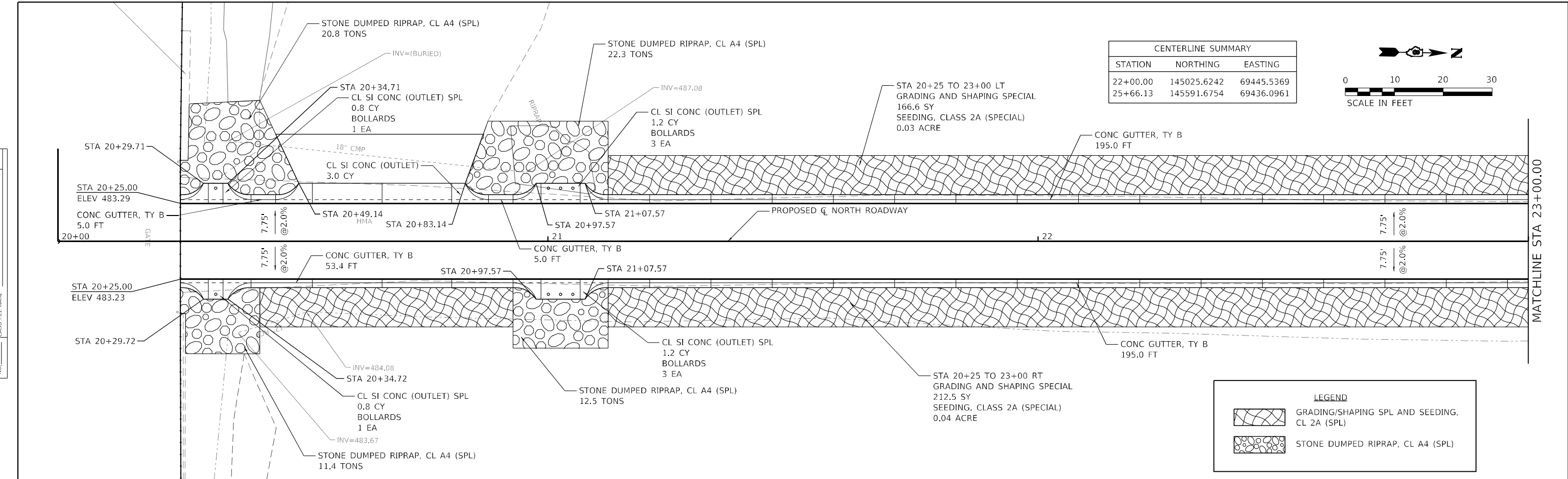
PLAN AND PROFILE	
SOUTH PARKING LOT	
SCALE:	SHEET 5 OF 7 SHEETS
STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DIST 8 TM BUILD 2021-1	ST. CLAIR	27	20
CONTRACT NO. 76N85				
ILLINOIS FED. AID PROJECT				

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	PLOTTED	
	ALIGNED	
	CHECKED	
	GRADES	
	NOTED	
	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTED	
	FILE NAME	
	NO.	

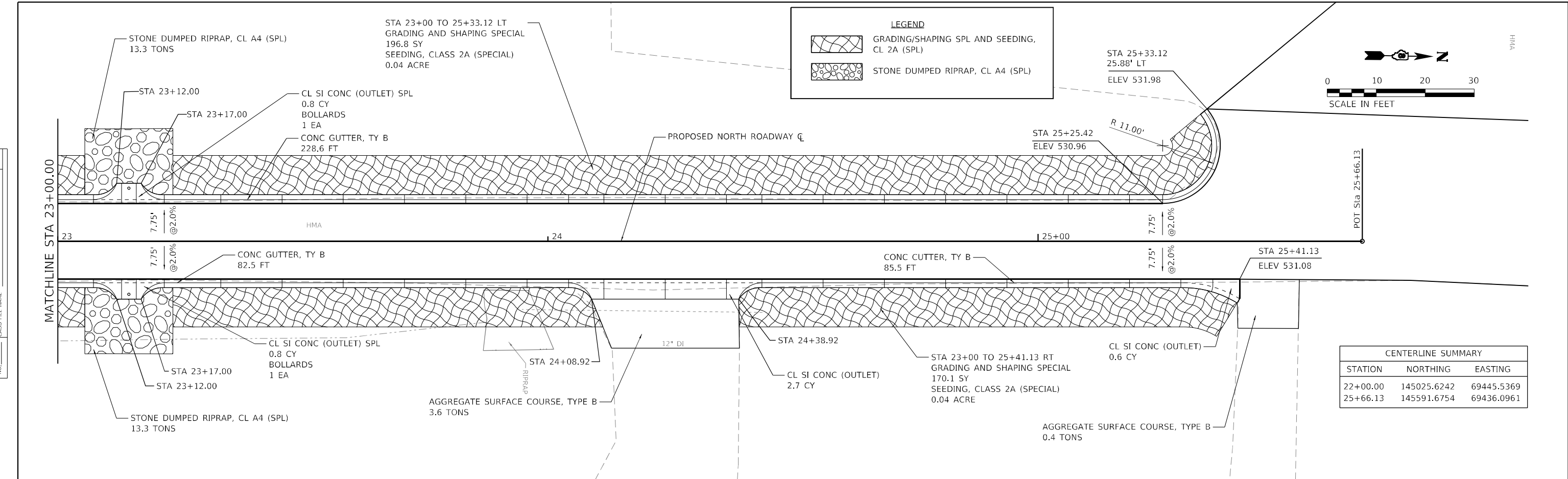


<b>HMG</b> HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BREESE, ILLINOIS 62230 Engineers • Surveyors (618) 526-9611 IL PROF. DESIGN FIRM NO. 184.000899	USER NAME = kscnwlejohn DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN AND PROFILE</b> <b>NORTH ROADWAY</b>	F.A. RTE. SECTION DIST 8 TM BUILD 2021-1	COUNTY ST. CLAIR	TOTAL SHEETS 27	SHEET NO. 21
	PLOT SCALE = 20,0000' / in. PLOT DATE = 3/26/2021	SCALE:			SHEET 6 OF 7 SHEETS	STA. TO STA.	CONTRACT NO. 76N85	ILLINOIS FED. AID PROJECT

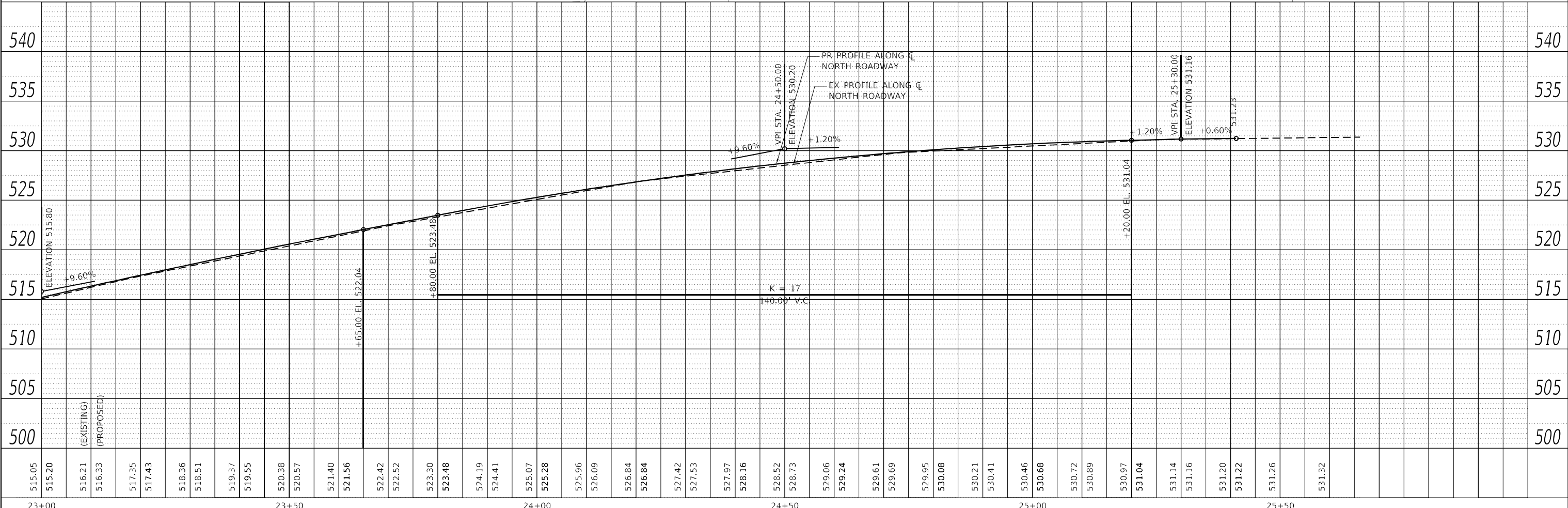
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	PLOTTED		
	ALIGNED		
	CHECKED		
	FILED		
	CADD FILE NAME		
	NO.		

PROFILE	SURVEYED	BY	DATE
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	NOTATION		
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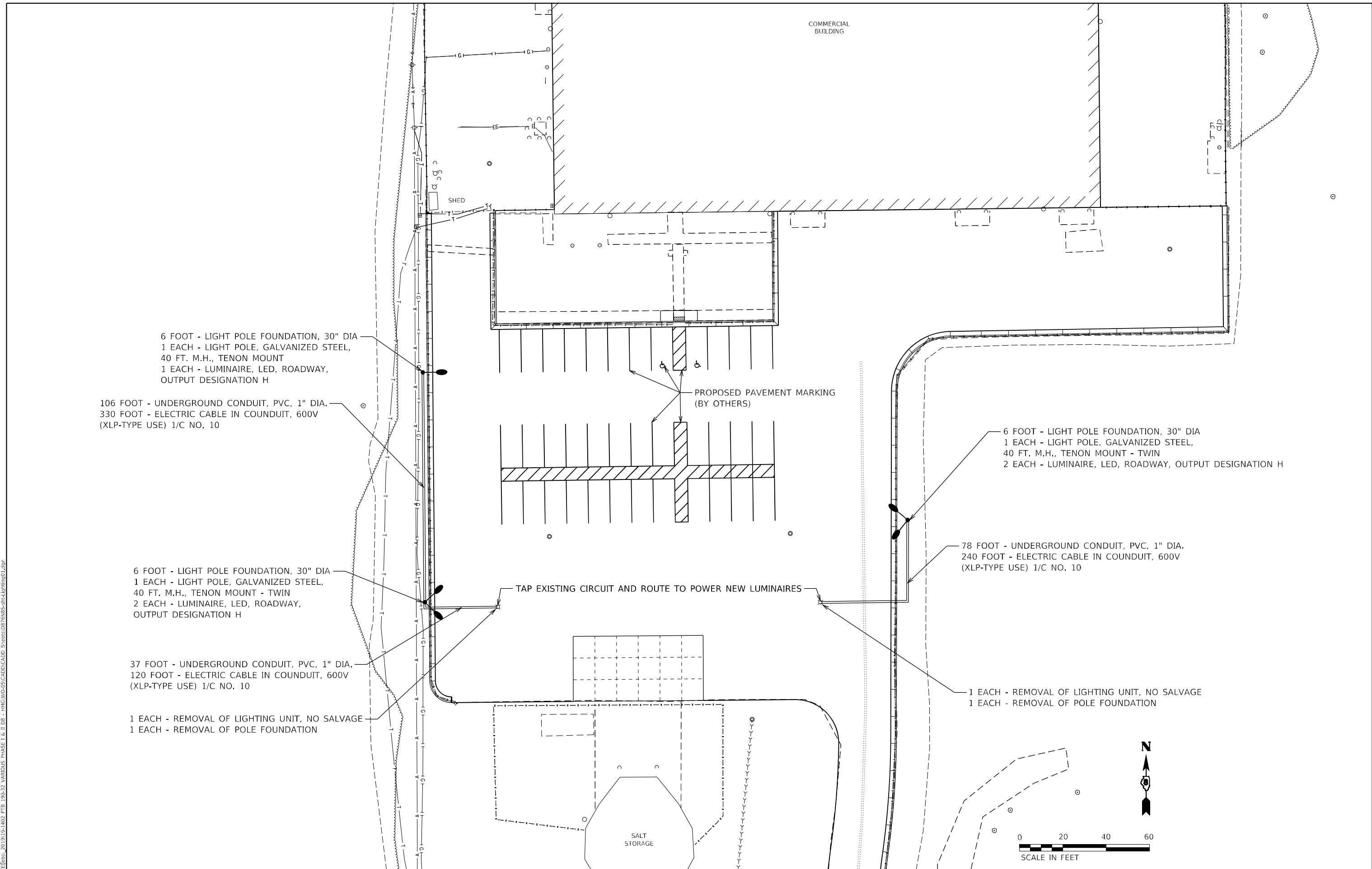


CENTERLINE SUMMARY		
STATION	NORTHING	EASTING
22+00.00	145025.6242	69445.5369
25+66.13	145591.6754	69436.0961



<b>HMG</b> HMG ENGINEERS, INC. 9360 HOLY CROSS LANE BIRESE, ILLINOIS 62230 Engineers • Surveyors (618) 526-9611 IL PROF. DESIGN FIRM NO. 184.000899	USER NAME = kscnwlejohn	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN AND PROFILE</b> <b>NORTH ROADWAY</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 20,0000' / in.	CHECKED -	REVISED -			DIST 8 TM BUILD 2021-1	ST. CLAIR	27	22	
	PLOT DATE = 3/26/2021	DATE -	REVISED -			CONTRACT NO. 76N85				
						ILLINOIS FED. AID PROJECT				

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6 FOOT - LIGHT POLE FOUNDATION, 30" DIA  
 1 EACH - LIGHT POLE, GALVANIZED STEEL,  
 40 FT. M.H., TENON MOUNT  
 1 EACH - LUMINAIRE, LED, ROADWAY,  
 OUTPUT DESIGNATION H  
 106 FOOT - UNDERGROUND CONDUIT, PVC, 1" DIA.  
 330 FOOT - ELECTRIC CABLE IN CONDUIT, 600V  
 (XLP-TYPE USE) 1/C NO. 10

6 FOOT - LIGHT POLE FOUNDATION, 30" DIA  
 1 EACH - LIGHT POLE, GALVANIZED STEEL,  
 40 FT. M.H., TENON MOUNT - TWIN  
 2 EACH - LUMINAIRE, LED, ROADWAY,  
 OUTPUT DESIGNATION H  
 37 FOOT - UNDERGROUND CONDUIT, PVC, 1" DIA.  
 120 FOOT - ELECTRIC CABLE IN CONDUIT, 600V  
 (XLP-TYPE USE) 1/C NO. 10  
 1 EACH - REMOVAL OF LIGHTING UNIT, NO SALVAGE  
 1 EACH - REMOVAL OF POLE FOUNDATION

6 FOOT - LIGHT POLE FOUNDATION, 30" DIA  
 1 EACH - LIGHT POLE, GALVANIZED STEEL,  
 40 FT. M.H., TENON MOUNT - TWIN  
 2 EACH - LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H

78 FOOT - UNDERGROUND CONDUIT, PVC, 1" DIA.  
 240 FOOT - ELECTRIC CABLE IN CONDUIT, 600V  
 (XLP-TYPE USE) 1/C NO. 10

1 EACH - REMOVAL OF LIGHTING UNIT, NO SALVAGE  
 1 EACH - REMOVAL OF POLE FOUNDATION

TAP EXISTING CIRCUIT AND ROUTE TO POWER NEW LUMINAIRES

PROPOSED PAVEMENT MARKING (BY OTHERS)



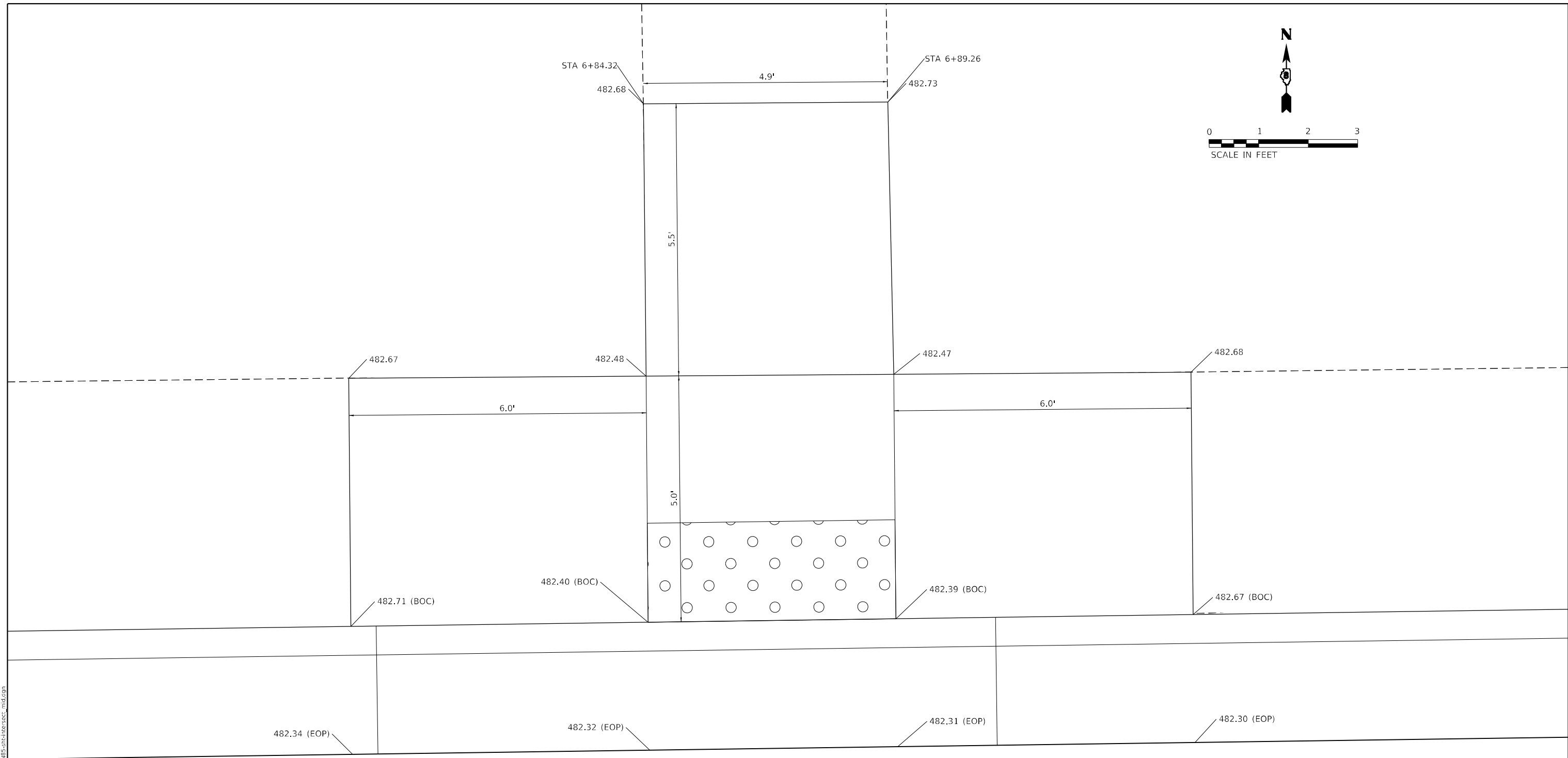
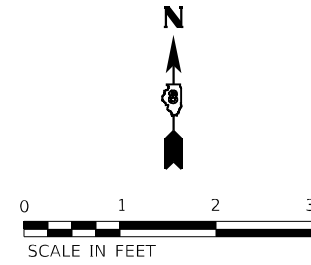
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PLOT DATE = 3/19/2021	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

SCALE: 1"=20'	SHEET 1	OF 1	SHEETS	STA.	TO STA.
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**LIGHTING DETAILS**  
**DISTRICT 8 TM BUILDING 2021-1**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	D8 TM BUILD 2021-1	ST CLAIR	27	23
			CONTRACT NO. 76N85	
ILLINOIS FED. AID PROJECT				



**CURB RAMP**

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**HMG** HMG ENGINEERS, INC.  
 9360 HOLY CROSS LANE  
 BREESE, ILLINOIS 62230  
 Engineers + Surveyors  
 (618) 526-9611  
 IL PROF. DESIGN FIRM NO. 184.000899

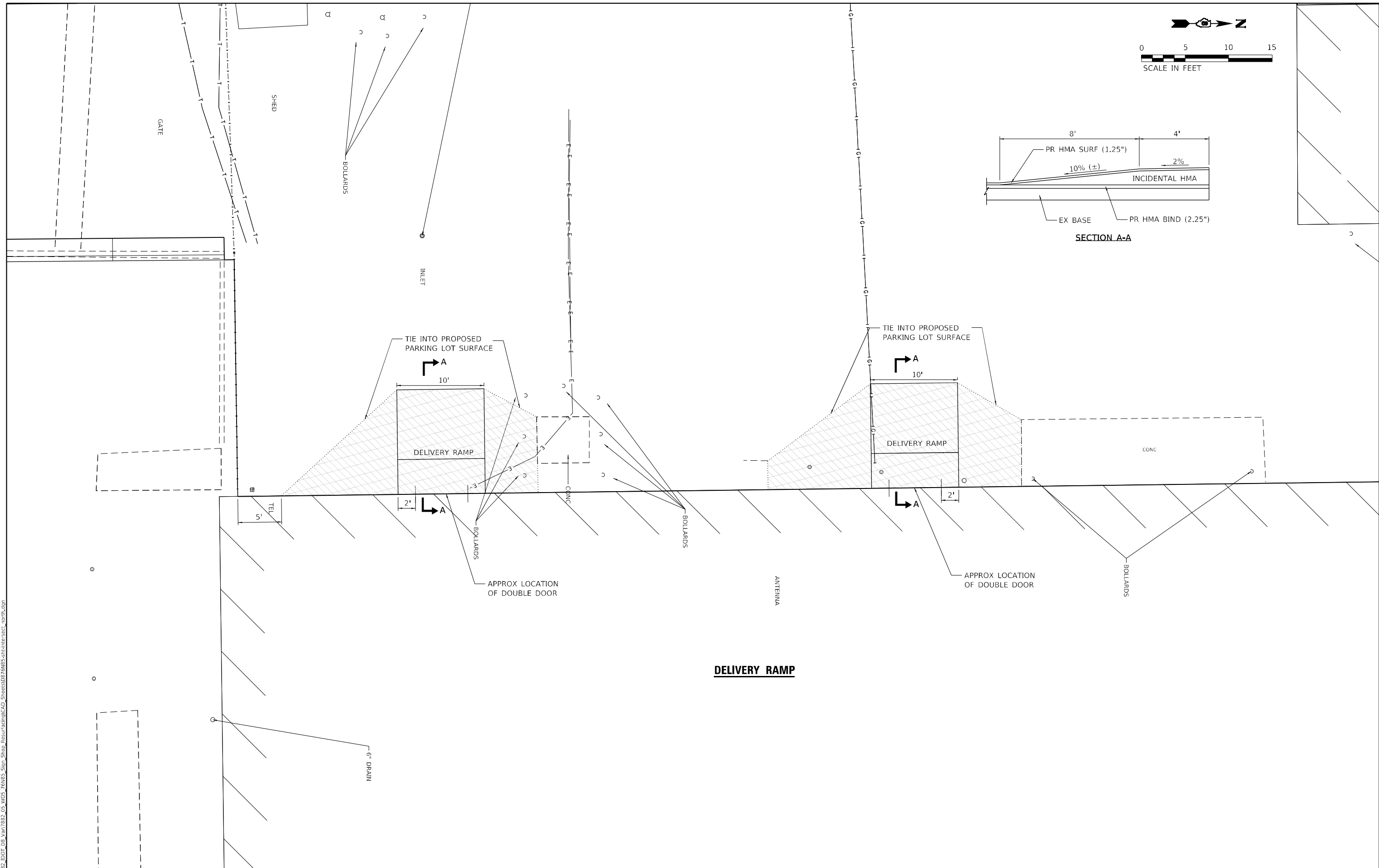
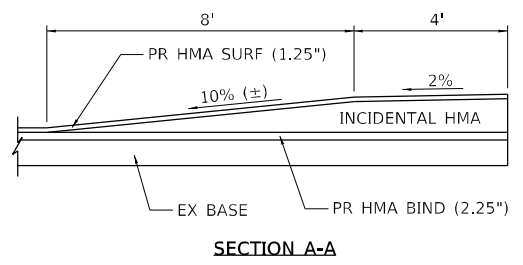
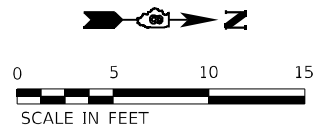
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PLOT DATE = 3/26/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>CONSTRUCTION DETAILS</b>			
SCALE:	SHEET 1	OF 4 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DIST 8 TM BUILD 2021-1	ST. CLAIR	27	24
ILLINOIS FED. AID PROJECT			CONTRACT NO. 76N85	





**DELIVERY RAMP**

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**HMG** HMG ENGINEERS, INC.  
 9360 HOLY CROSS LANE  
 BREESE, ILLINOIS 62230  
 Engineers + Surveyors (618) 526-9611  
 IL PROF. DESIGN FIRM NO. 184.000899

USER NAME = kschwierjohn	DESIGNED -	REVISED -
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	DATE -	REVISED -

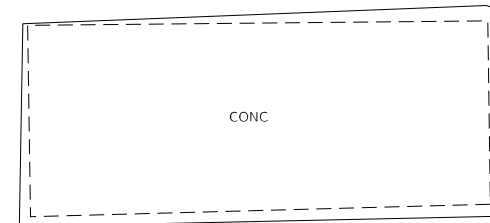
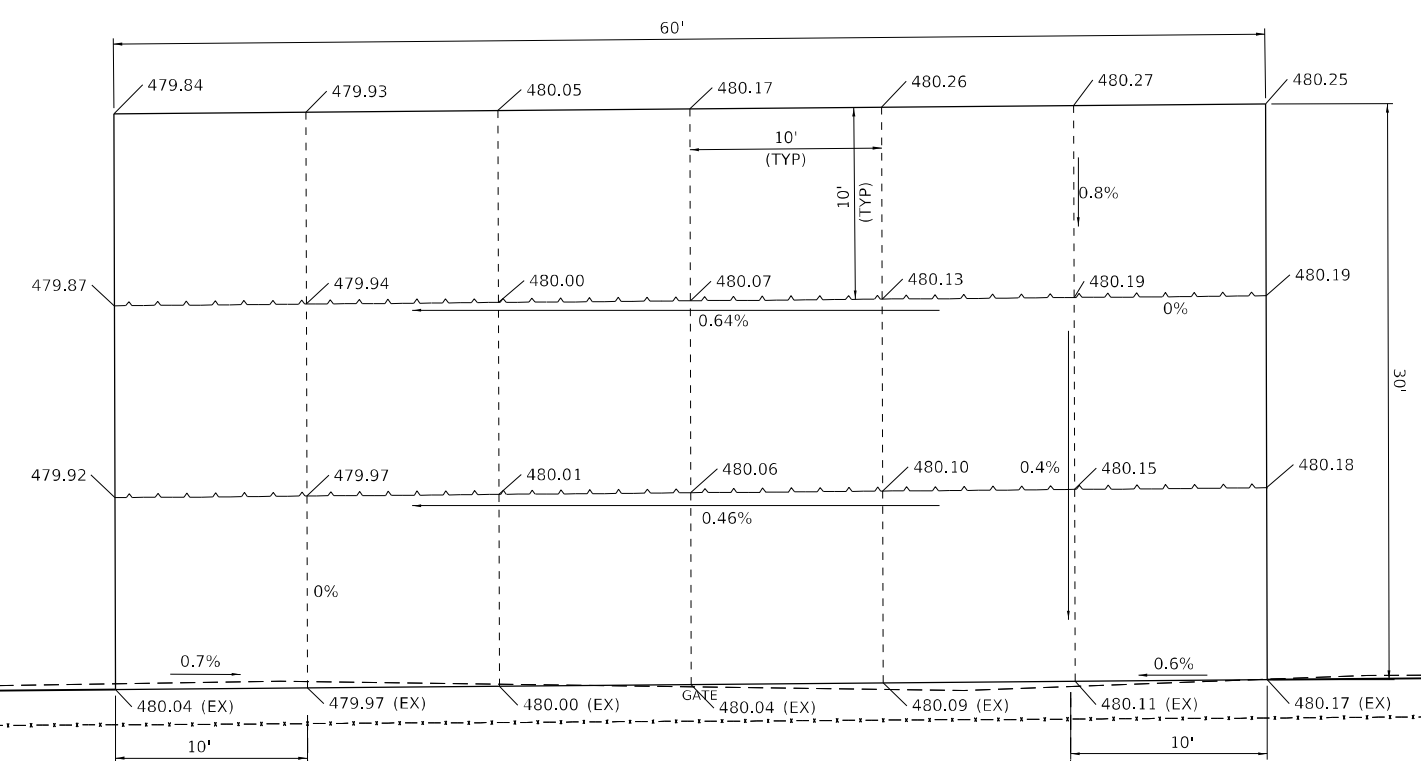
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>CONSTRUCTION DETAILS</b>			
SCALE:	SHEET 2 OF 4 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DIST 8 TM BUILD 2021-1	ST. CLAIR	27	25
			CONTRACT NO. 76N85	
ILLINOIS FED. AID PROJECT				



LEGEND	
-----	TRANSVERSE CONTRACTION JOINT
~~~~~	LONGITUDINAL SAWED JOINT



**PCC PAVEMENT**

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**HMG** HMG ENGINEERS, INC.  
 9360 HOLY CROSS LANE  
 BREESE, ILLINOIS 62230  
 Engineers + Surveyors (618) 526-9611  
 IL PROF. DESIGN FIRM NO. 184.000899

USER NAME = kschwlerjohn  
 PLOT SCALE = 10,000' / in.  
 PLOT DATE = 3/26/2021

DESIGNED -  
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 DATE -

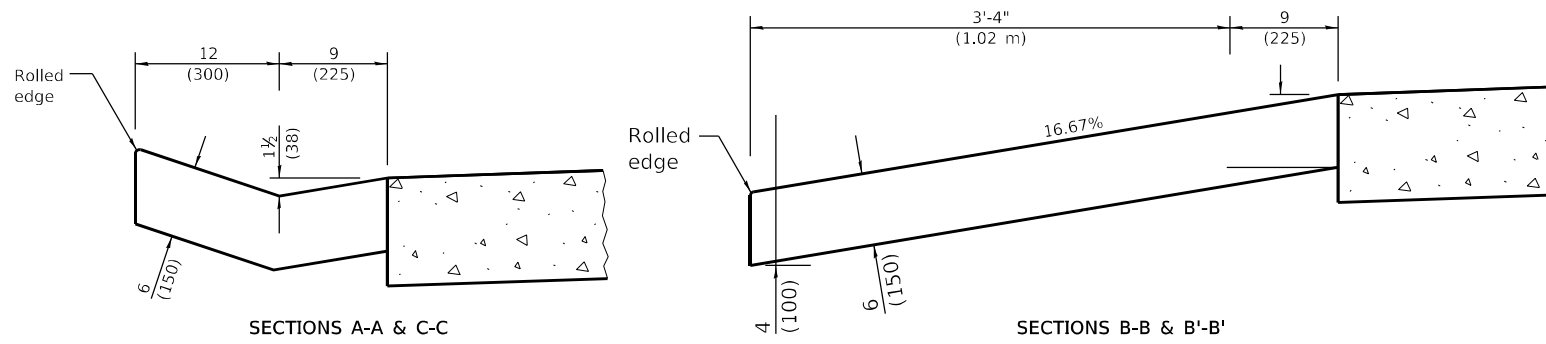
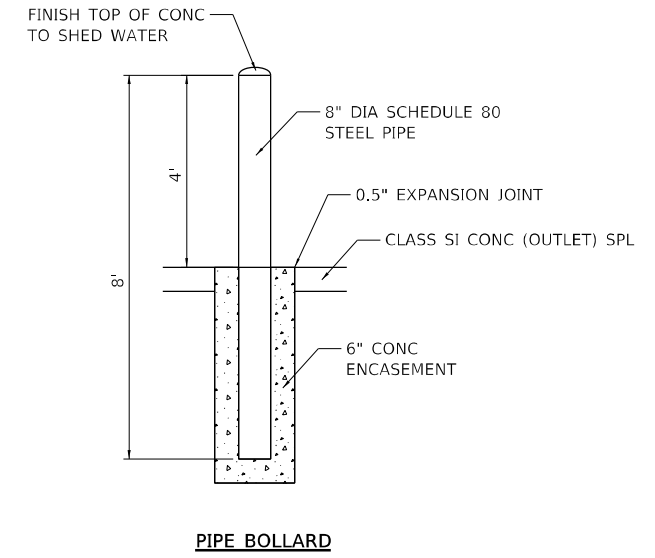
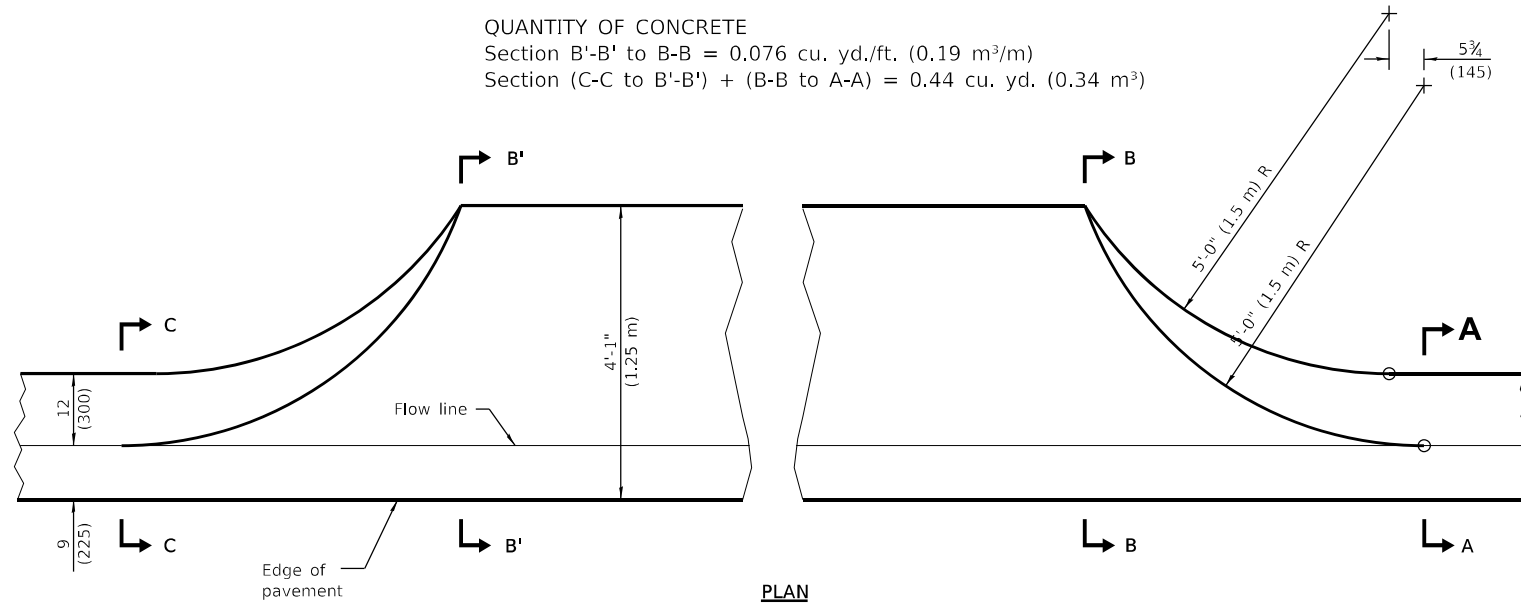
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

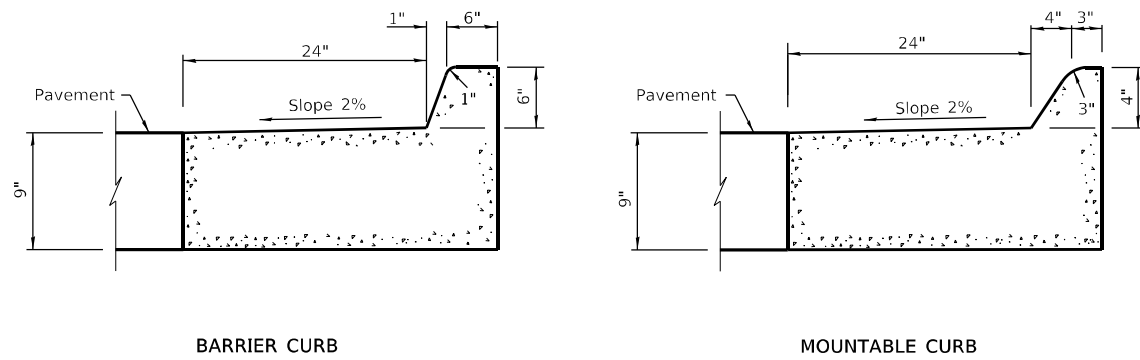
**CONSTRUCTION DETAILS**  
 SCALE: SHEET 3 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 76N85				
ILLINOIS FED. AID PROJECT				

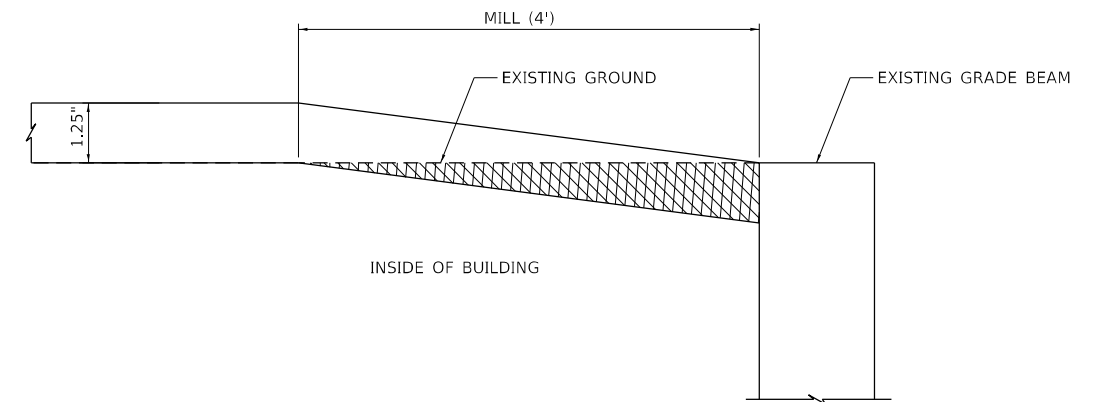
QUANTITY OF CONCRETE  
 Section B'-B' to B-B = 0.076 cu. yd./ft. (0.19 m<sup>3</sup>/m)  
 Section (C-C to B'-B') + (B-B to A-A) = 0.44 cu. yd. (0.34 m<sup>3</sup>)



CLASS SI CONCRETE (OUTLET), SPECIAL



COMBINATION CONCRETE CURB AND GUTTER, (SPECIAL)



MODEL: Default  
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**HMG** HMG ENGINEERS, INC.  
 9360 HOLY CROSS LANE  
 BREESE, ILLINOIS 62230  
 Engineers + Surveyors (618) 526-9611  
 IL PROF. DESIGN FIRM NO. 184.000899

USER NAME = kschwlerjohn  
 PLOT SCALE = 20,000' / in.  
 PLOT DATE = 3/26/2021

DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS

SCALE: SHEET 4 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DIST 8 TM BUILD 2021-1	ST. CLAIR	27	27
CONTRACT NO. 76N85				
ILLINOIS FED. AID PROJECT				