

INDEX OF SHEETS

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COMMITMENTS

NONE

EMERGENCY CONTACT DURING CLOSURE

BILL GRIDER - CELL (618) 435-7380
OFFICE (618) 644-1644 EXT-231

MIX TABLE

MIXTURE USE	SURFACE	BINDER	INCIDENTAL
AC/PG	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=30
MIX COMP (GRADATION)	IL 9.5	IL 9.5 FG	IL 19.0 L
FRICTION AGGREGATE	MIXTURE "C"	MIXTURE "C"	
RAP % (MAX)	SEE SPECIAL PROVISIONS	SEE SPECIAL PROVISIONS	SEE SPECIAL PROVISIONS
QUALITY MANAGEMENT PROGRAM	QC/QA	QC/QA	QC/QA

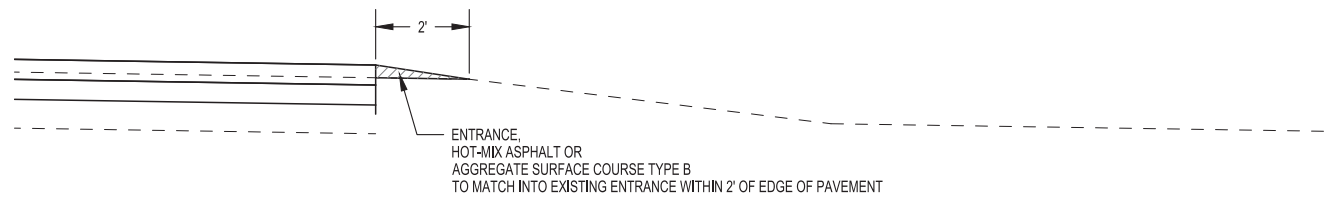
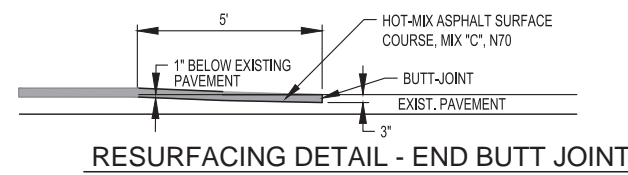
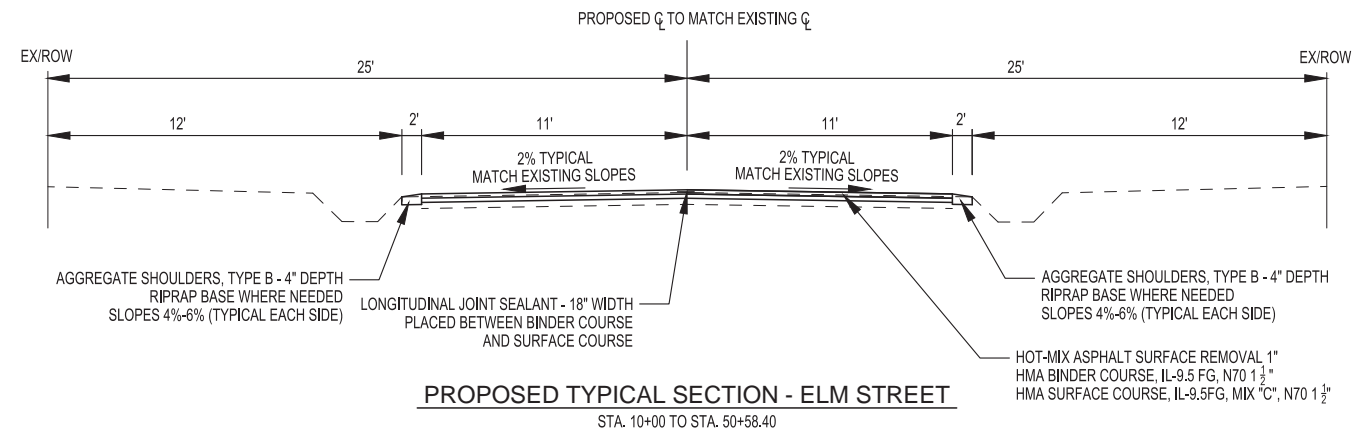
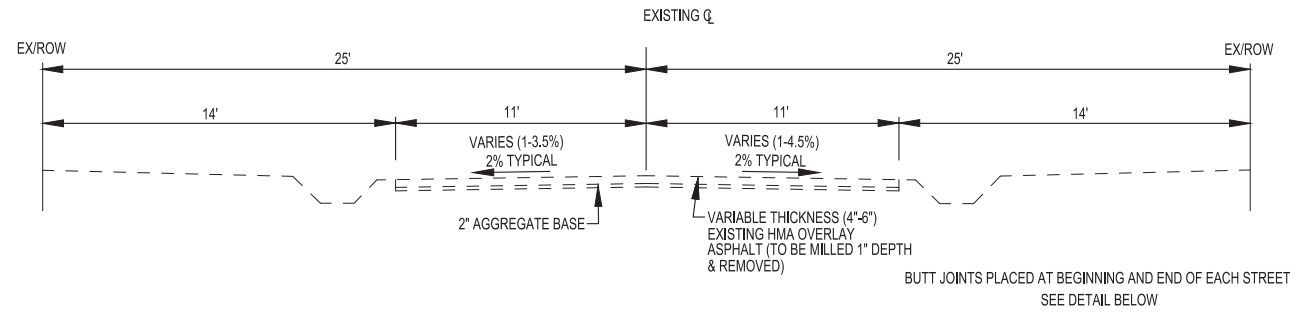
STANDARDS

000001-07	Standard Symbols, Abbreviations, and Patterns
280001-07	Temporary Erosion Control Systems
482011-03	HMA SHLD. STRIPS / SHLDS. With Resurfacing or Widening and Resurfacing Projects
701001-02	Off-Road Operations, 2L, 2W, More Than 15' (4.5 m) Away
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
701301-04	Lane Closure, 2L, 2W, Day Only, Short Time Operations
701306-04	Lane Closure 2L, 2W, Slow Moving Operation Day Only, For Speeds Less than 45 MPH
701501-06	Urban Lane Closure, 2L, 2W, Undivided
701901-08	Traffic Control Devices

GENERAL NOTES

- Pavement grades shown are at the top of pavement surfaces, unless otherwise noted in the plans.
- Erosion control measures shall be in accordance with IDOT Specifications. Placement shall be directed by the Engineer.
- All elevations refer to U.S.G.S. mean sea level datum.
- Any reference to a standard in the plans shall be interpreted to mean the edition as indicated by the sub-number listed on this sheet.
- Aggregate Surface Course, Type A and Aggregate Shoulders, Type B Calculated at a rate of 2.05 TON/CY
- Asphalt Binder and Surface Course, and well as Incidental HMA Calculated at a Rate of 2.02 TON/CY
- Bituminous Material (Tack Coat), used for asphalt surfaces, Calculated at a Rate of 0.05 Gallons/SY, and using a conversion of 8 pounds per gallon
- Riprap is calculated at a rate of 110 lb/cubic foot
- Legend
CE - Commercial Entrance
FE - Field Entrance
PE - Personal Entrance

REVISION ISSUED	DATE	BY	COUNTY	SECTION	ROUTE NO.	FIELD BOOK	FILE LOCATION	SAVE DATE
PRE-FINAL REVIEW	10/08/19	AJR	BOND	18-0045-00RS	FAU 9835	772, 776, 777	CP, AJR	11/20/2019 08:20
MILANO & GRUNLOH ENGINEERS, LLC			114 W. WASHINGTON AVE. PO BOX 887					
EFFINGHAM, IL 62401			Phone: (217) 347-1262 (800) 677-2714					
Email: mgen@mgengineers.com			Web: www.mgengineers.com					
Design Firm #184-003108								
INDEX OF SHEETS, GENERAL NOTES, MIX TABLE & STANDARDS		ELM STREET						
		SECTION 18-0045-00RS						
		CITY OF GREENVILLE, ILLINOIS						
SHEET #		2						
OF		37						
JOB #		18283						



REVISION/ISSUED		DATE	BY
XXX		XXX	XXX
COUNTY	BOND	CONTRACT #87720	
SECTION	18-0045	BLANDS	
ROUTE NO.	00-RS	FED. ROAD DIST. NO. 8	
FIELD BOOK		772, 776, 777	
DRAWN BY		CP, AJR	
CHECKED BY		MT	
FILE LOCATION		S:\2018\0823\ENGINEERING	
SAVE DATE		11/20/2019 08:20	
MILANO & GRUNLOH ENGINEERS, LLC 114 W. WASHINGTON AVE. PO BOX 887 EFFINGHAM, IL 62403 Phone: (217) 347-7262 (800) 677-2714 Email: mgen@mgengineers.com Web: www.mgengineers.com Design Firm # 184-003108			
TYPICAL SECTIONS		ELM STREET SECTION 18-0045-00-RS CITY OF GREENVILLE, ILLINOIS	
SHEET #		4 OF 37	
JOB #		18283	

FROM STATION	TO STATION	OFFSET	BITUMINOUS MATERIALS (TACK COAT)	BITUMINOUS MATERIALS (TACK COAT)	HOT-MIX ASPHALT BINDER COURSE, IL-9.5 FG, N70	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C" N70	LONGITUDINAL JOINT SEALANT	AGGREGATE SHOULDERS, TYPE B 4"	INCIDENTAL HOT-MIX ASPHALT SURFACING
			POUND	POUND	TON	TON	FOOT	TON	TON
9+87.96	15+50.00		580.2	40800029	40602970	40604052	Z0033700	48101200	40800050
9+87.92	11+58.96	LT						11.0	
10+27.38	11+78.04	RT						11.4	
11+58.96	12+39.18	LT		7.2					1.9
11+78.04	12+18.00	RT		3.8					1.0
12+18.00	16+61.58	RT					27.9		
12+39.18	18+06.00	LT					35.5		
15+50.00	21+00.00		576.5		121.3	121.3	550		
16+61.58	17+70.41	RT					4.1		
18+06.00	18+33.66	LT		2.6					0.7
18+33.66	19+00.22	LT					4.2		
18+19.54	20+56.13	RT					14.8		
19+00.22	19+28.25	LT		2.6					0.7
19+28.25	19+56.16	LT					1.8		
20+34.75	32+93.32	LT					78.8		
20+56.13	21+81.77	RT					7.9		
21+00.00	26+50.00		537.8		113.2	113.2	550		
21+81.77	22+32.72	RT		4.8					1.3
22+32.72	23+54.63	RT					7.6		
23+54.63	32+98.76	LT					59.1		
26+50.00	32+00.00		537.8		113.2	113.2	550		
32+00.00	37+50.00		590.1		124.2	124.2	550		
33+47.62	44+79.27	LT					69.8		
33+54.05	36+52.33	RT					18.7		
36+52.33	36+76.05	RT		2.1					0.6
36+76.05	39+51.01	RT					17.5		
37+50.00	41+50.00		391.1		82.3	82.3	400		
39+51.02	46+78.63	RT					45.6		
41+50.00	46+50.00		488.9		102.9	102.9	500		
44+79.27	46+46.26	LT					15.5		
46+50.00	50+58.40		403.6		84.9	84.9	408		
46+46.26	50+58.40	LT					25.8		
46+78.63	47+50.33	RT		6.3					1.7
47+50.33	50+58.40	RT					19.3		
TOTALS			4,106.0	29.4	864.1	864.1	4,070.0	476.3	7.9
USE			4,106.0	29.0	864.0	864.0	4,070.0	476.0	8.0

FROM STATION	TO STATION	THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW)	THERMOPLASTIC PAVEMENT MARKING - LINE 24" (YELLOW)	TEMPORARY PAVEMENT MARKING - LINE 4"	TEMPORARY PAVEMENT MARKING REMOVAL
		FOOT	FOOT	FOOT	SQ FT
10+04.25	10+06.25		17.2		
10+04.25	15+50.00	140.0		140.0	46.2
15+50.00	21+00.00	140.0		140.0	46.2
19+69.95	19+89.95		20.0		
21+00.00	26+50.00	140.0		140.0	46.2
26+50.00	32+97.78	130.0		130.0	42.9
32+97.78	32+99.78		11.0		
33+07.31	33+26.92		19.6		
33+26.65	33+45.20		18.5		
33+39.26	33+41.26		11.4		
33+40.26	37+50.00	110.0		110.0	36.3
37+50.00	41+50.00	100.0		100.0	33.0
41+50.00	47+50.00	120.0		120.0	39.6
46+50.00	50+58.00	100.0		100.0	33.0
SUBTOTALS		980.0	97.7	980.0	323.4
USE		980.0	98.0	980.0	323.0

FROM STATION	TO STATION	HOT-MIX ASPHALT SURFACE REMOVAL, 1"	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
FROM STATION	TO STATION	SQ YD	SQ YD
9+87.95	10+27.42		47.0
9+96.28	15+50.00	1,405.0	
15+50.00	21+00.00	1,425.0	
19+67.09	20+23.19		29.0
21+00.00	26+50.00	1,363.0	
26+50.00	32+00.00	1,347.0	
32+00.00	37+50.00	1,517.0	
33+04.73	33+39.16		17.0
33+07.59	33+42.87		18.0
37+50.00	41+50.00	1,071.0	
41+50.00	46+50.00	1,378.0	
46+50.00	50+53.55	1,444.0	
50+53.55	50+59.55		15.0
TOTAL		10,950.0	126.0

STATION	OFFSET	INLET & PIPE PROTECTION
		EACH
12+14.62	16.31' RT	1
15+61.81	14.68' LT	2
17+69.05	18.22' RT	1
18+31.31	18.09' LT	1
18+61.65	19.44' RT	1
19+26.57	17.86' LT	1
18+18.35	17.44' RT	1
20+53.49	16.06' RT	1
20+88.44	16.74' LT	1
21+81.64	22.35' RT	1
23+29.26	23.06' RT	1
26+52.18	14.22' LT	1
26+57.52	14.44' LT	1
32+89.20	16.52' LT	1
33+42.03	24.10' LT	1
36+51.63	17.18' RT	1
39+43.36	18.04' RT	1
40+87.45	18.52' RT	1
44+71.74	18.12' LT	1
45+22.76	26.73' LT	1
TOTAL		21

FROM STATION	TO STATION	OFFSET SIDE	PERIMETER EROSION BARRIER
			FOOT
10+03.82	11+69.15	25' LT	165.3
10+85.04	11+83.01	25' RT	98.0
12+16.01	15+34.69	25' RT	318.7
12+34.10	12+53.18	25' LT	19.1
30+70.64	32+90.00	25' LT	219.4
31+16.70	33+07.62	25' RT	190.9
42+76.15	44+70.21	25' RT	194.1
TOTALS			1,205.5
USE			1,206.0

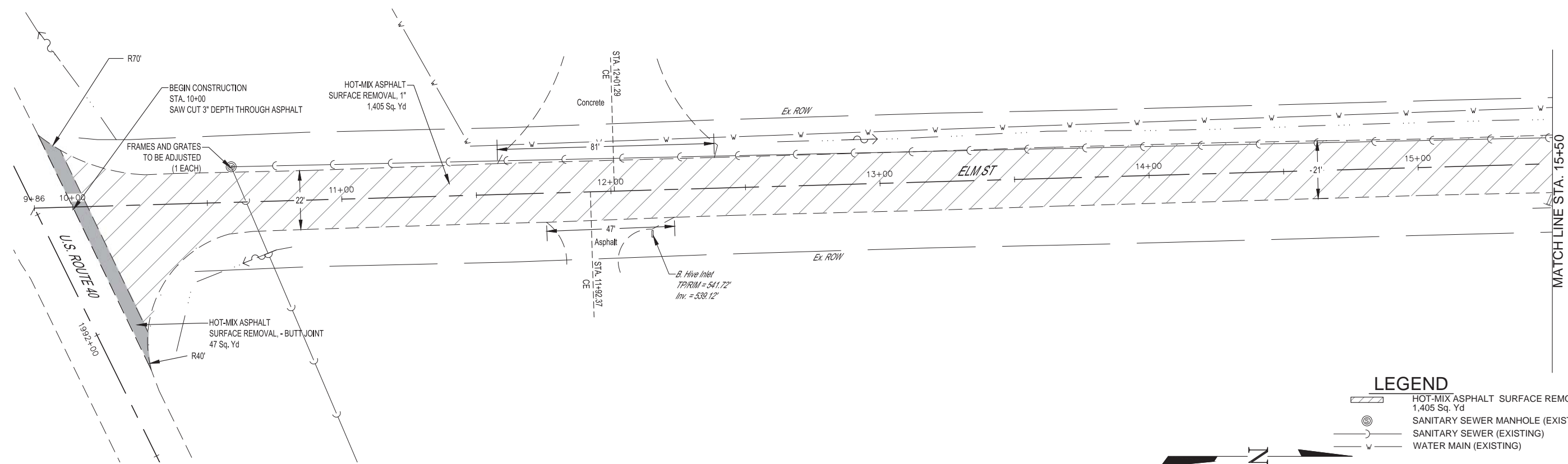
FROM STATION	TO STATION	SEEDING CLASS 1 (SPECIAL)
		ACRE
10+00	50+58.40	2.0
TOTALS		2.0

EARTHWORK SCHEDULE				
(1)	(2)	(3)	(4)	(5)
EARTH EXCAVATION (CUT ONLY)	RIPRAP EMBANKMENT	EXCAVATION TO BE USED AS EMBANKMENT ((1)*0.75)	EARTH EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE(-) FURNISHED EXCAVATION
CUBIC YARD	CUBIC YARD	CUBIC YARD	CUBIC YARD	CUBIC YARD
135	14	100	0	135
	TON			
	21			

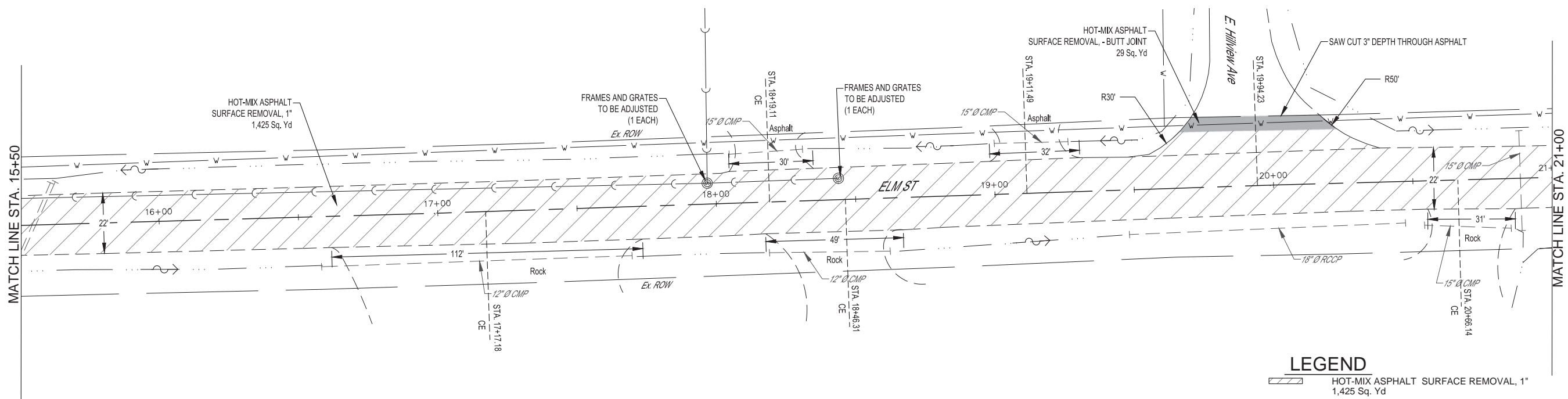
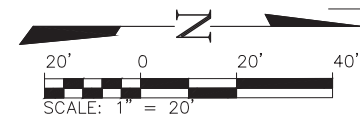
OFFSET	STATION	VALVE BOXES TO BE ADJUSTED	FRAME AND GRATES TO BE ADJUSTED
		EACH	EACH
13.04' LT	10+59.45		1.0
7.50' LT	17+96.87		1.0
7.58' LT	18+44.21		1.0
12.81' LT	33+06.29	1.0	
9.81' RT	33+50.47	1.0	
12.14' RT	44+91.41		1.0
1.78' RT	49+26.46		1.0
TOTAL		2.0	5.0

STATION	OFFSET	TEMPORARY DITCH CHECKS
		FOOT
10+48	28.31' RT	5.0
13+00	16.78' LT	5.0
14+00	16.85' LT	5.0
15+00	16.60' LT	5.0
16+00	18.45' LT	5.0
16+00	17.57' RT	5.0
17+00	18.08' LT	5.0
19+00	18.00' RT	5.0
17+71	40.00' LT	5.0
20+11	47.00' LT	5.0
21+00	17.38' LT	5.0
21+36	23.80' RT	5.0
22+00	15.30' LT	5.0
23+00	13.72' LT	5.0
23+00	24.12' RT	5.0
24+00	14.00' LT	5.0
24+00	23.14' RT	5.0
25+00	14.06' LT	5.0
25+00	22.33' RT	5.0
26+00	14.09' LT	5.0
26+00	20.88' RT	5.0
27+00	13.86' LT	5.0
27+00	20.57' RT	5.0
28+00	13.95' LT	5.0
28+00	19.90' RT	5.0
29+00	14.46' LT	5.0
29+00	18.34' RT	5.0
30+00	15.12' LT	5.0
30+00	17.05' RT	5.0
31+00	15.68' RT	5.0
34+00	14.91' LT	5.0
34+00	19.65' RT	5.0
35+00	19.00' LT	5.0
35+00	16.65' RT	5.0
36+00	21.94' LT	5.0
36+00	15.22' RT	5.0
37+00	19.62' LT	5.0
37+00	17.75' RT	5.0
38+00	17.98' LT	5.0
38+00	18.77' RT	5.0
39+00	20.03' LT	5.0
39+00	17.22' RT	5.0
40+00	17.63' LT	5.0
40+00	20.14' RT	5.0
41+00	15.83' LT	5.0
41+00	21.07' RT	5.0
42+00	18.87' LT	5.0
42+00	19.84' RT	5.0
43+00	17.41' RT	5.0
44+00	16.86' RT	5.0
45+00	15.40' RT	5.0
46+00	21.29' LT	5.0
46+00	15.54' RT	5.0
47+00	20.84' LT	5.0
48+00	18.10' LT	5.0
48+00	18.93' RT	5.0
49+00	18.93' LT	5.0
50+00	19.94' LT	5.0
TOTAL		290.0

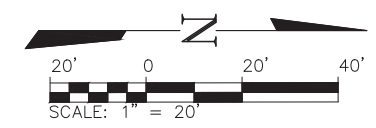
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BY		BY	
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SECTION	18-0045-00-RS	CONTRACT	9720
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FIELD BOOK	772, 776, 777	FED. AID PROJECT	
DRAWN BY	CP, AJR	FILE LOCATION	S:\2018\88303\9835
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MILANO & GRUNLOH ENGINEERS, LLC 114 W. WASHINGTON AVE. PO BOX 597 EFFINGHAM, IL 62401 Phone: (217) 947-7262 (800) 677-2714 Email: mgen@milanoandgrunloh.com Web: www.milanoandgrunloh.com Design Firm # 184-003108			
SCHEDULES OF QUANTITIES ELM STREET SECTION 18-0045-00-RS CITY OF GREENVILLE, ILLINOIS			
SHEET #			
5 OF 37			
JOB #			
18283			



- LEGEND**
- HOT-MIX ASPHALT SURFACE REMOVAL, 1\"/>
 - SANITARY SEWER MANHOLE (EXISTING)
 - SANITARY SEWER (EXISTING)
 - WATER MAIN (EXISTING)



- LEGEND**
- HOT-MIX ASPHALT SURFACE REMOVAL, 1\"/>
 - SANITARY SEWER MANHOLE (EXISTING)
 - SANITARY SEWER (EXISTING)
 - WATER MAIN (EXISTING)



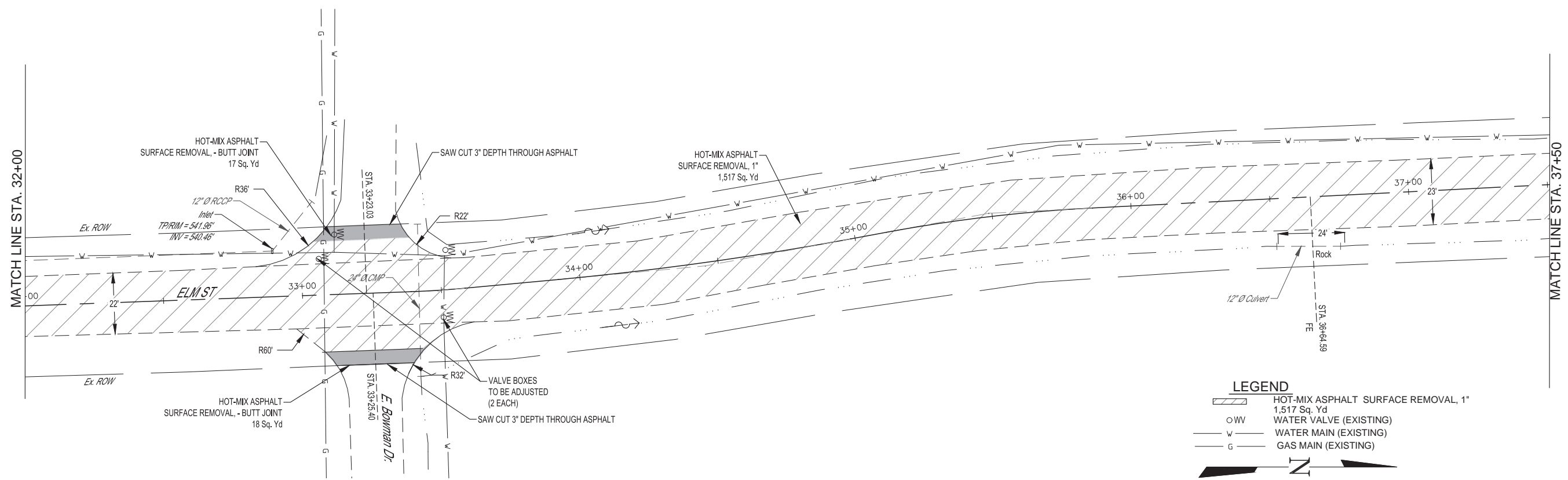
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10/09/19	CP, AJR	PRE-FINAL REVIEW
BY	DATE	REVISION
CP, AJR	10/09/19	PRE-FINAL REVIEW
COUNTY	SECTION	ROUTE NO.
BOND	18-00045-00-RS	FAU 9835
BLANKS	FED. ROAD DIST. NO. 9	FED. ROAD DIST. NO. 9
CONTRACT	FILE LOCATION	SAVE DATE
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MILANO & GRUNLOH ENGINEERS, LLC
 114 W. WASHINGTON AVE. | PO BOX 887
 EFFINGHAM, IL 62401
 Phone: (217) 347-7262 | (800) 677-2714
 Email: mgenengineers@mgenengineers.com
 Web: www.mgenengineers.com
 Design Firm #184-003108



REMOVAL
 ELM STREET
 SECTION 18-00045-00-RS
 CITY OF GREENVILLE, ILLINOIS

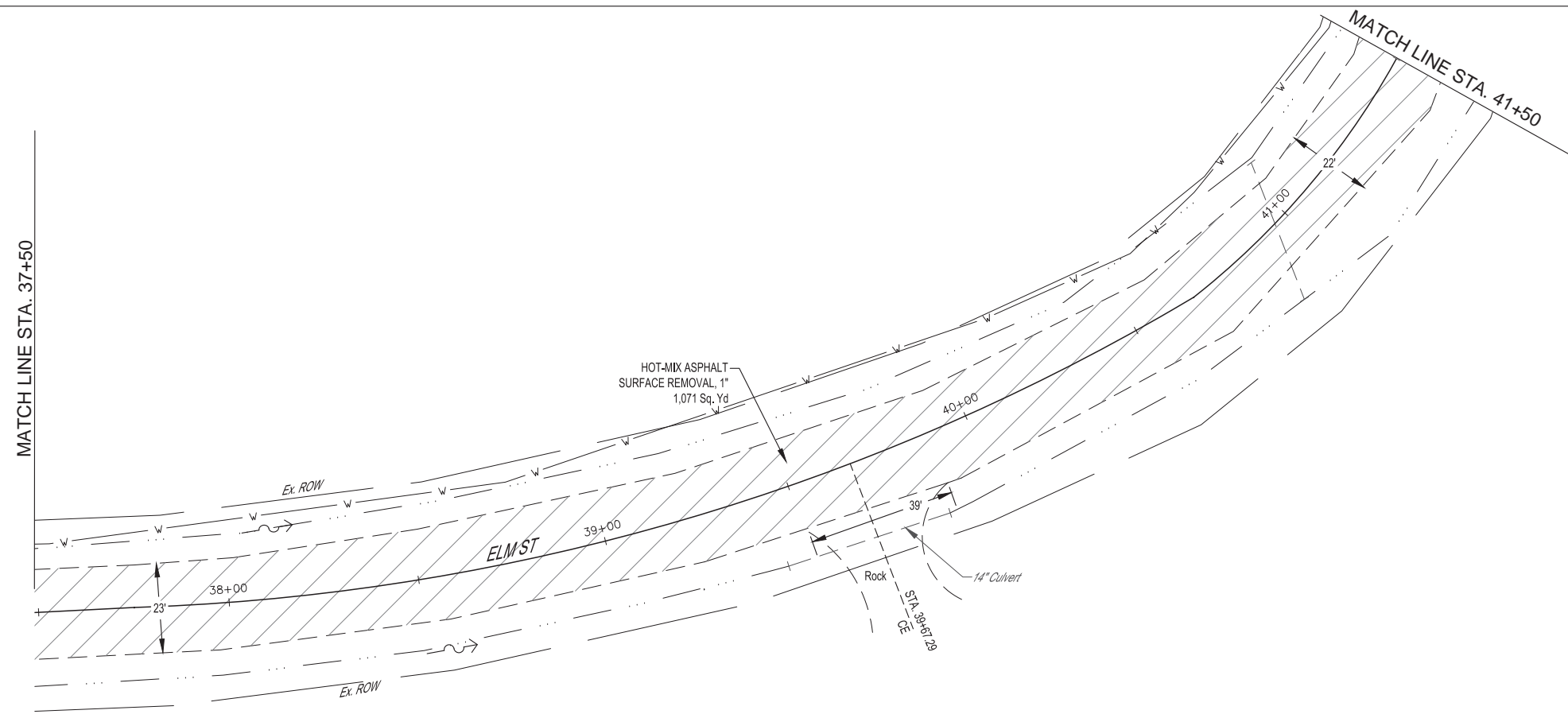
SHEET #
 7 OF 37
 JOB #
 18283



LEGEND

- HOT-MIX ASPHALT SURFACE REMOVAL, 1" 1,517 Sq. Yd
- WATER VALVE (EXISTING)
- WATER MAIN (EXISTING)
- GAS MAIN (EXISTING)

SCALE: 1" = 20'



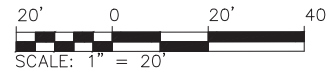
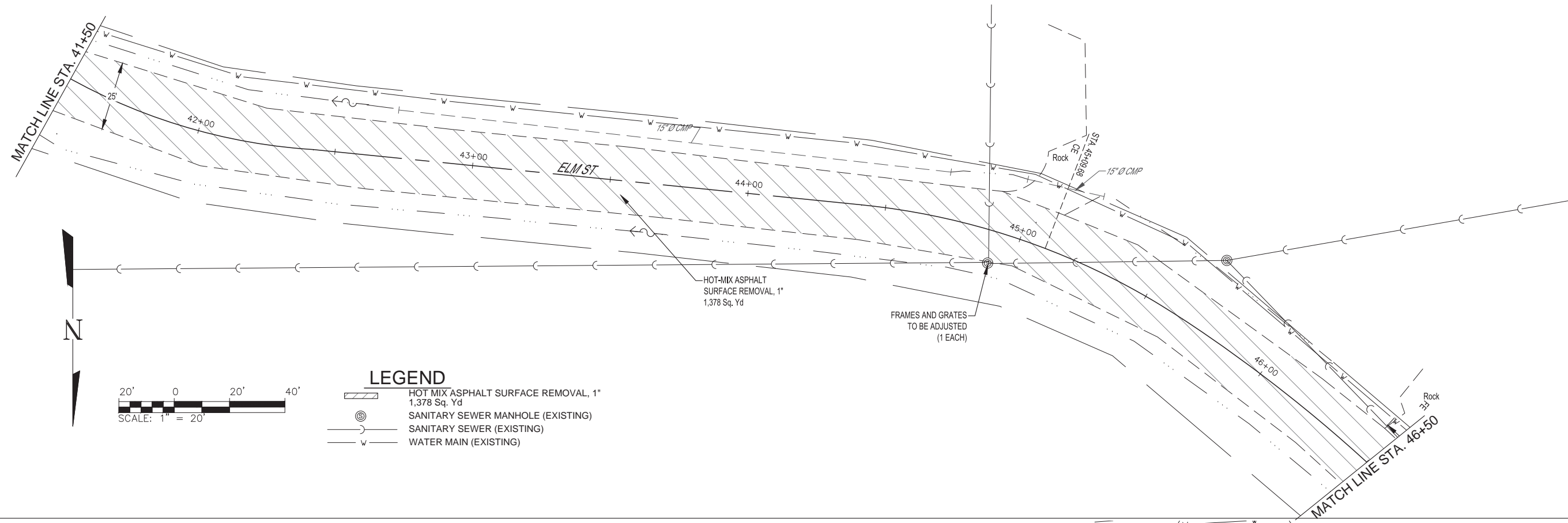
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- HOT-MIX ASPHALT SURFACE REMOVAL, 1" 1,071 Sq. Yd
- WATER MAIN (EXISTING)

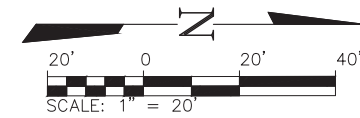
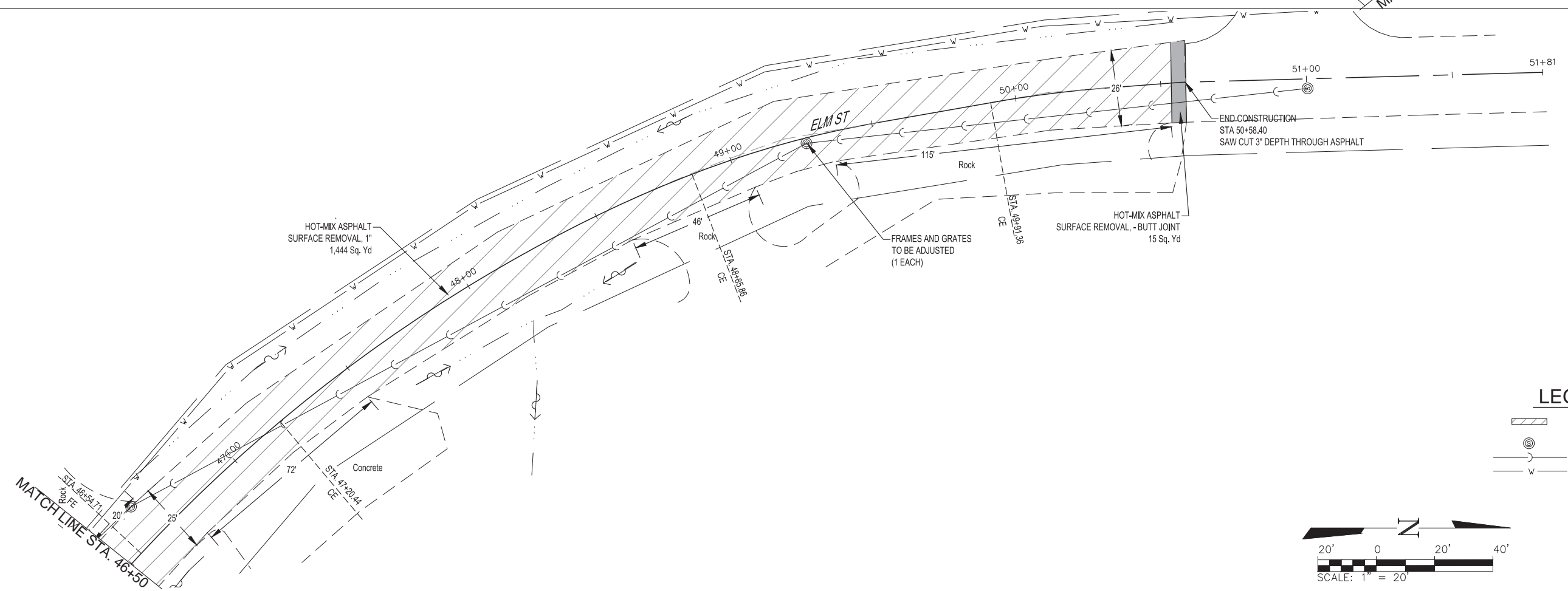
SCALE: 1" = 20'

REVISION ISSUED	DATE	BY	COUNTY	SECTION	ROUTE NO.	FIELD BOOK	DRAWN BY	CHECKED BY	FILE LOCATION	SAVE DATE	
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CONTRACT	97720										
REMOVAL	ELM STREET										
SECTION 18-0045-00-RS		CITY OF GREENVILLE, ILLINOIS									
SHEET #	9	OF 37									
JOB #	18283										

MILANO & GRUNLOH ENGINEERS, LLC
 114 W. WASHINGTON AVE. | PO BOX 887
 EFFINGHAM, IL 62401
 Phone: (217) 347-7262 | (800) 677-2714
 Email: mgeengineers@mgeengineers.com
 Web: www.mgeengineers.com
 Design Firm # 184-003108



- LEGEND**
- HOT MIX ASPHALT SURFACE REMOVAL, 1" 1,378 Sq. Yd
 - SANITARY SEWER MANHOLE (EXISTING)
 - SANITARY SEWER (EXISTING)
 - WATER MAIN (EXISTING)



- LEGEND**
- HOT MIX ASPHALT SURFACE REMOVAL, 1" 1,444 Sq. Yd
 - SANITARY SEWER MANHOLE (EXISTING)
 - SANITARY SEWER (EXISTING)
 - WATER MAIN (EXISTING)

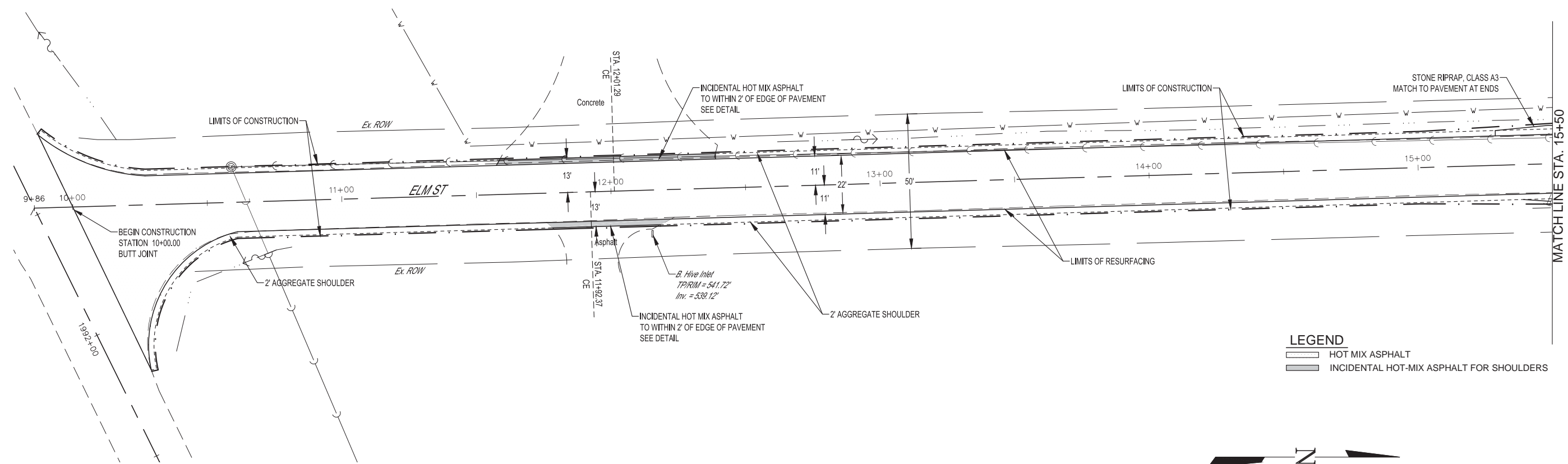
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					FILE LOCATION: S:\2018\18283\CONSTRUCTION\DWG	
					SAVE DATE: 11/20/2019 08:09	
					CONTRACT 97720	

MILANO & GRUNLOH ENGINEERS, LLC
 114 W. WASHINGTON AVE. | PO BOX 887
 EFFINGHAM, IL 62407
 Phone: (217) 347-7262 | (800) 677-2714
 Email: mgenrngineers@mgenrngineers.com
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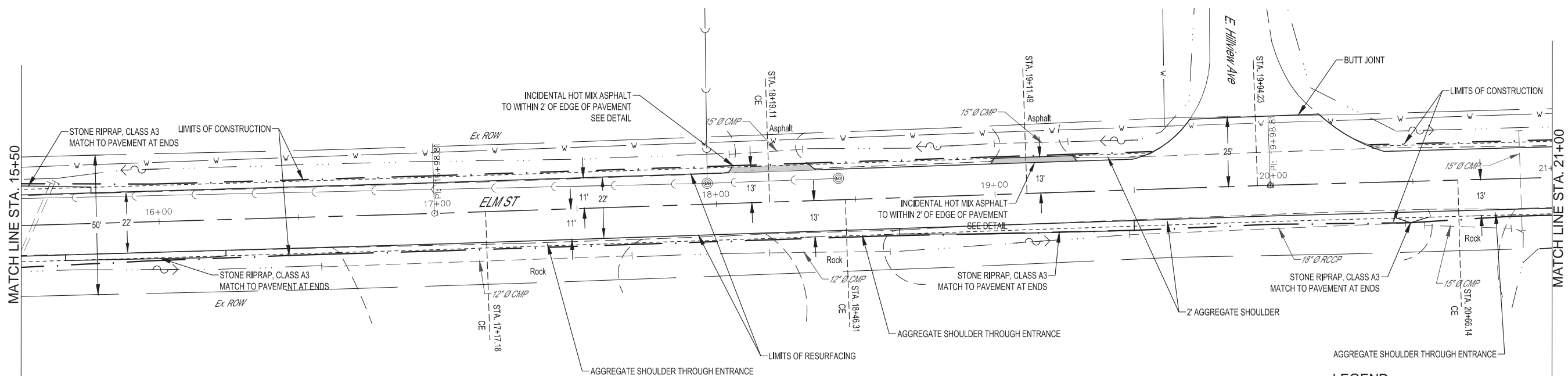
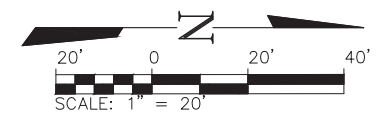


REMOVAL
 ELM STREET
 SECTION 18-0045-00-RS
 CITY OF GREENVILLE, ILLINOIS

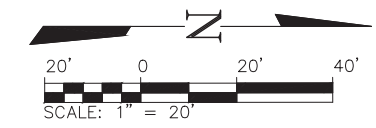
SHEET #
 10 OF 37
 JOB #
 18283



LEGEND
 HOT MIX ASPHALT
 INCIDENTAL HOT-MIX ASPHALT FOR SHOULDERS



LEGEND
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 INCIDENTAL HOT-MIX ASPHALT FOR SHOULDERS
 SANITARY SEWER MANHOLE (EXISTING)



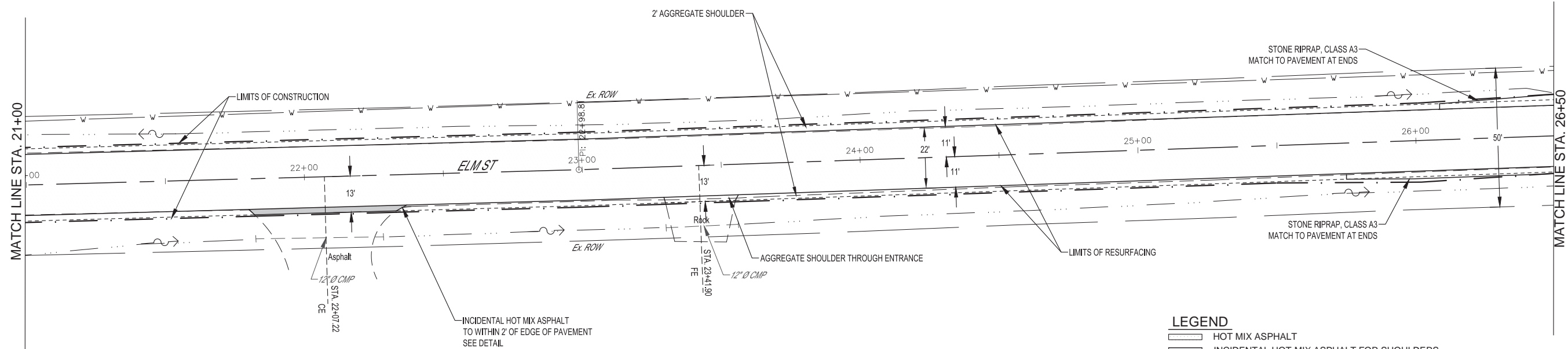
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10/08/19	PRE-FINAL REVIEW
BY	DATE
CAJR	
COUNTY	BOND
SECTION	BLANKS
ROUTE NO.	FAU 18-0045-00-RS
FED. ROAD DIST. NO. 9	9835
FED. AID PROJECT (JURISDICTION)	CONTRACT 97720
FIELD BOOK	772, 776, 777
DRAWN BY	CP, AJR
CHECKED BY	MT
FILE LOCATION	S:\2018\18033\CONSTR\STREET.DWG
SAVE DATE	11/19/2019 10:04

MILANO & GRUNLOH ENGINEERS, LLC
 114 W. WASHINGTON AVE. | PO BOX 887
 EFFINGHAM, IL 62403 | (800) 877-2714
 Phone: (217) 347-7262 | (800) 877-2714
 Email: mgen@mgengineers.com
 Web: www.mgen.com
 Design Firm # 184-003108

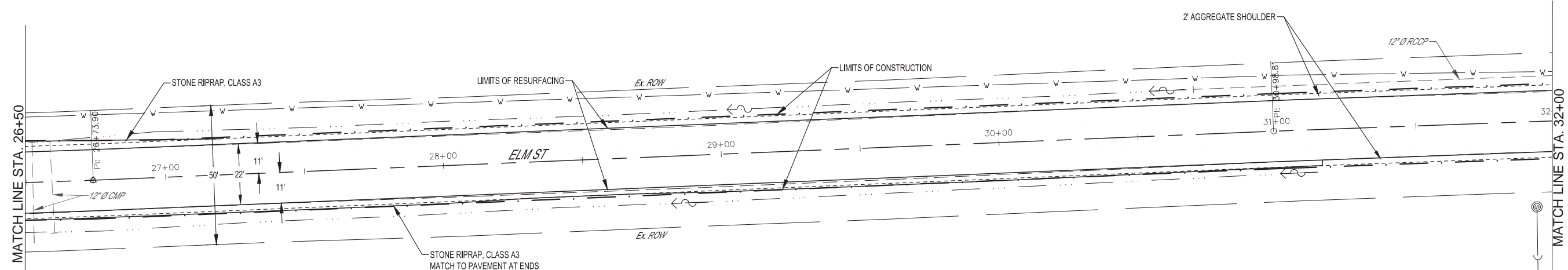
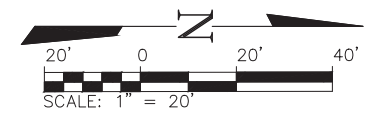


PLAN
ELM STREET
SECTION 18-0045-00-RS
CITY OF GREENVILLE, ILLINOIS

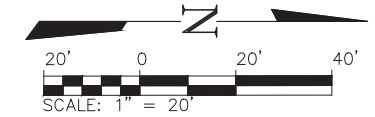
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11 OF 37
JOB #
18283



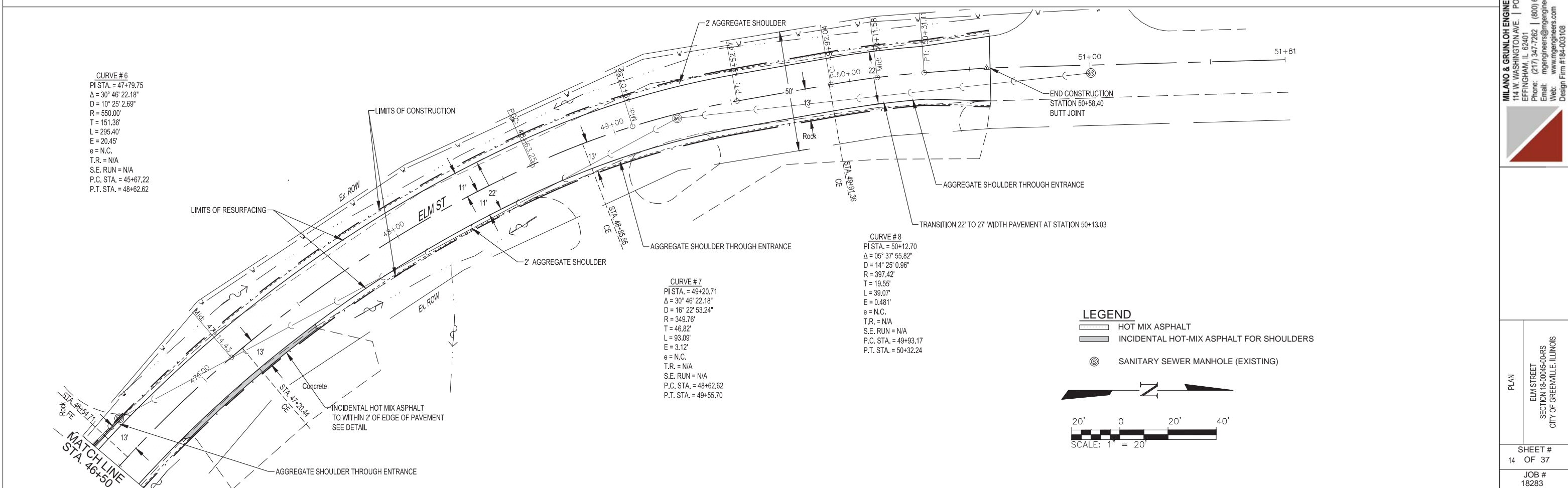
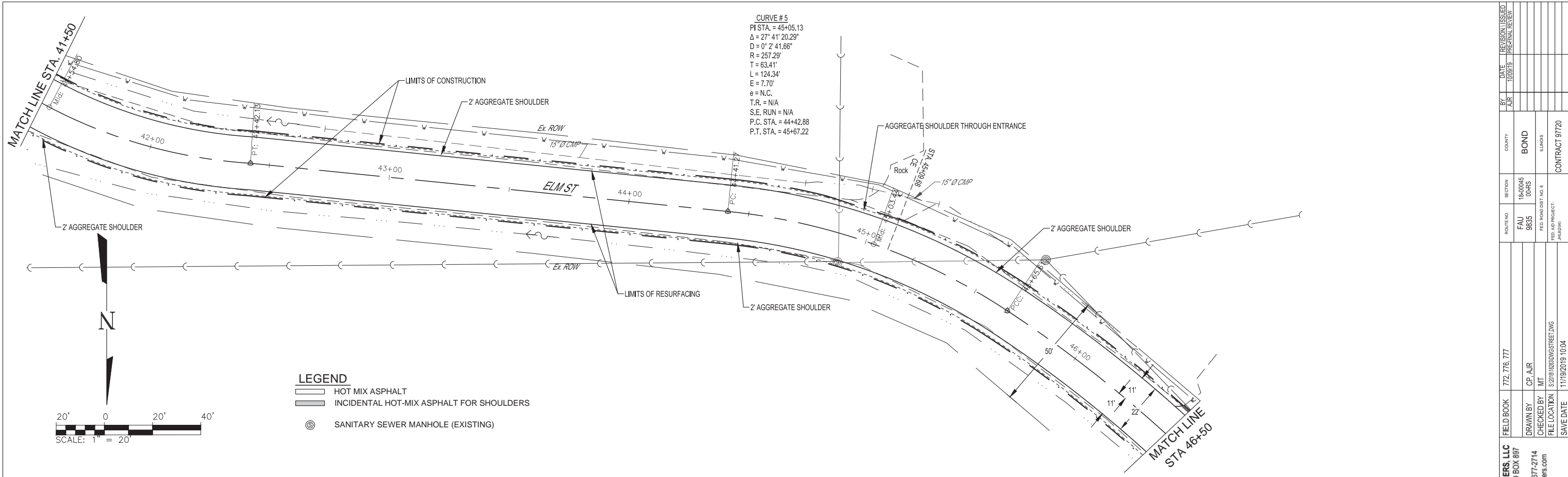
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 [Symbol] INCIDENTAL HOT-MIX ASPHALT FOR SHOULDERS



LEGEND
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 [Symbol] INCIDENTAL HOT-MIX ASPHALT FOR SHOULDERS



PLAN	ELM STREET		SECTION 18-0045-00-RS	COUNTY BOND	DATE 10/08/19	REVISION ISSUED PRE-FINAL REVIEW
	CITY OF GREENVILLE, ILLINOIS					
FIELD BOOK	772, 776, 777	ROUTE NO.	FAU 9835	SECTION 18-0045-00-RS	BY CAJR	
DRAWN BY	CP, AJR	FED. ROAD DIST. NO. 9	MT			
CHECKED BY	MT	FED. AID PROJECT (INDICATE)				
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SAVE DATE	11/19/2019 10:04					
MILANO & GRUNLOH ENGINEERS, LLC 114 W. WASHINGTON AVE. PO BOX 887 EFFINGHAM, IL 62407 Phone: (217) 347-7262 (800) 677-2714 Email: mgenr@mgengineers.com Web: www.mgengineers.com Design Firm # 184-003108						
SHEET #		18283				
JOB #		18283				



DATE	REVISION/ISSUED
10/09/19	PRE-FINAL REVIEW

BY	DATE	COUNTY	SECTION	ROUTE NO.	FIELD BOOK
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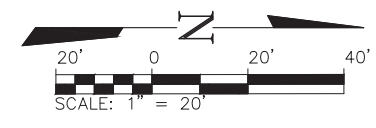
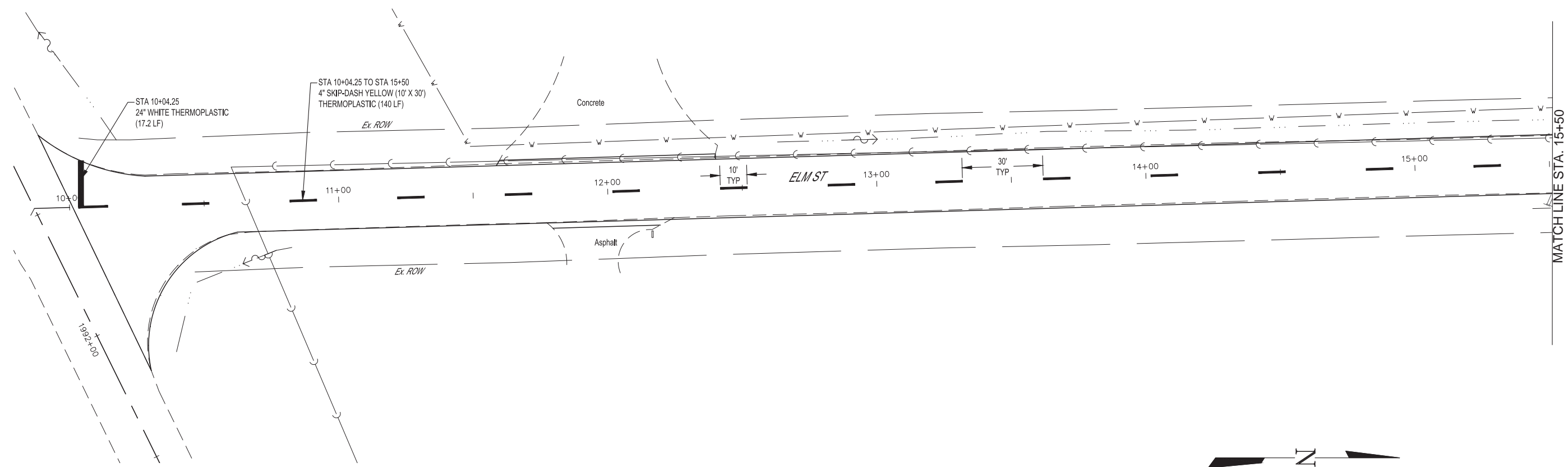
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CP, AJR	MT	S:\2018\18030\DISTRICT.DWG	11/19/2019 10:04

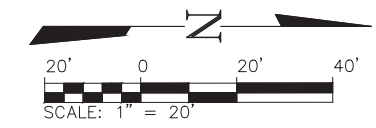
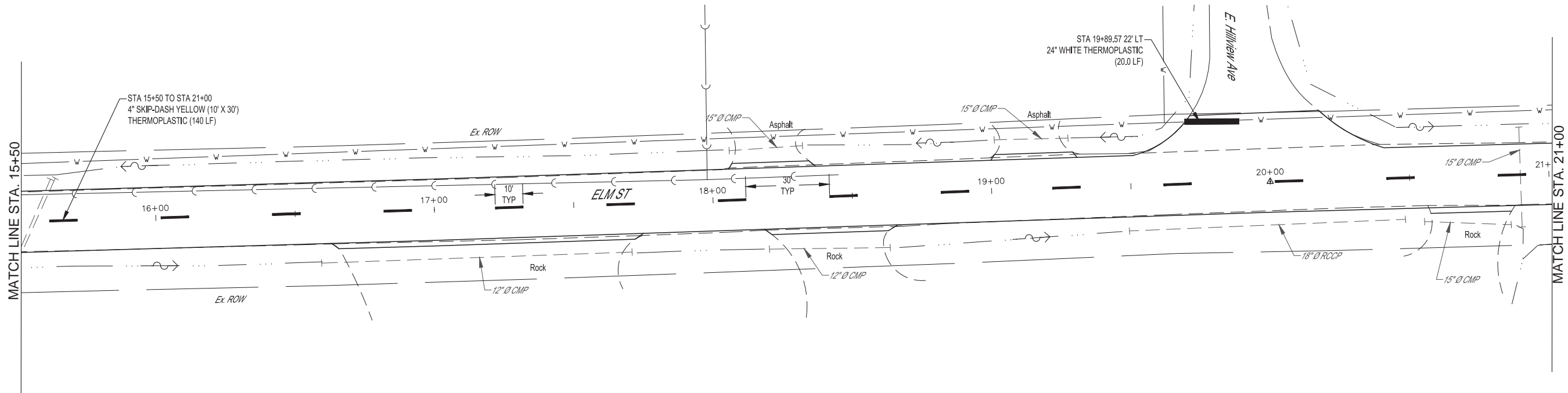
MILANO & GRUNLOH ENGINEERS, LLC
 114 W. WASHINGTON AVE. | PO BOX 887
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PLAN	SHEET #	JOB #
ELM STREET SECTION 18-0045-00-RS CITY OF GREENVILLE, ILLINOIS	14 OF 37	18283



TEMPORARY PAVEMENT MARKING - LINE 4\"/>



TEMPORARY PAVEMENT MARKING - LINE 4\"/>

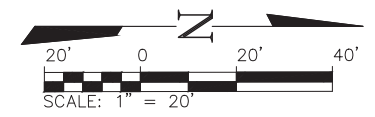
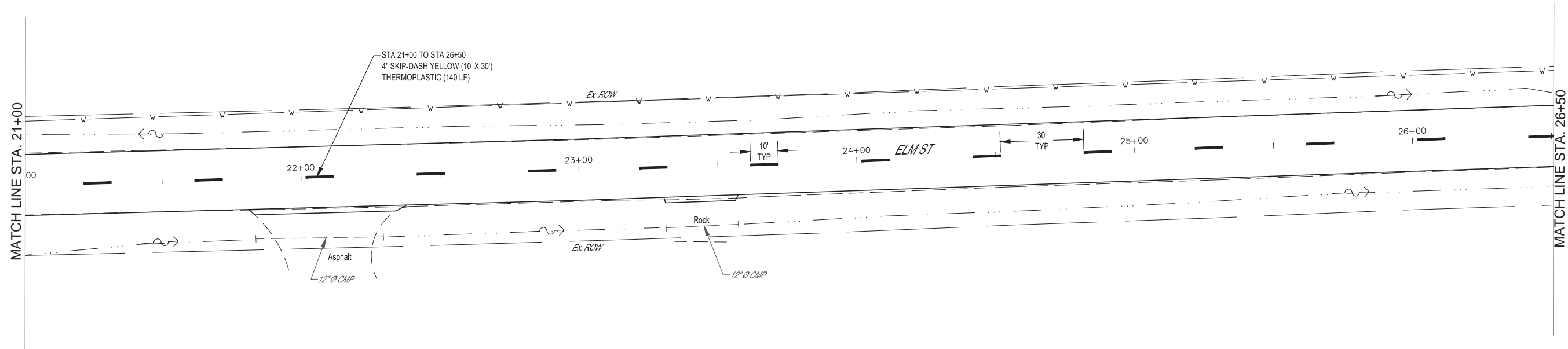
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PRE-FINAL REVIEW	10/08/19	AJR	BOND	18-0045-00-RS	FAU 9835	772, 776, 777
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				FED. AID PROJECT	FILE LOCATION: S:\2018\18283\CONTRACT MARKING.DWG	
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MILANO & GRUNLOH ENGINEERS, LLC
 114 W. WASHINGTON AVE. | PO BOX 887
 EFFINGHAM, IL 62401
 Phone: (217) 347-1262 | (800) 677-2714
 Email: mgenr@mgengineers.com
 Web: www.mgenr.com
 Design Firm #184-003108

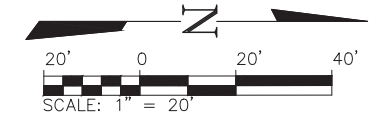
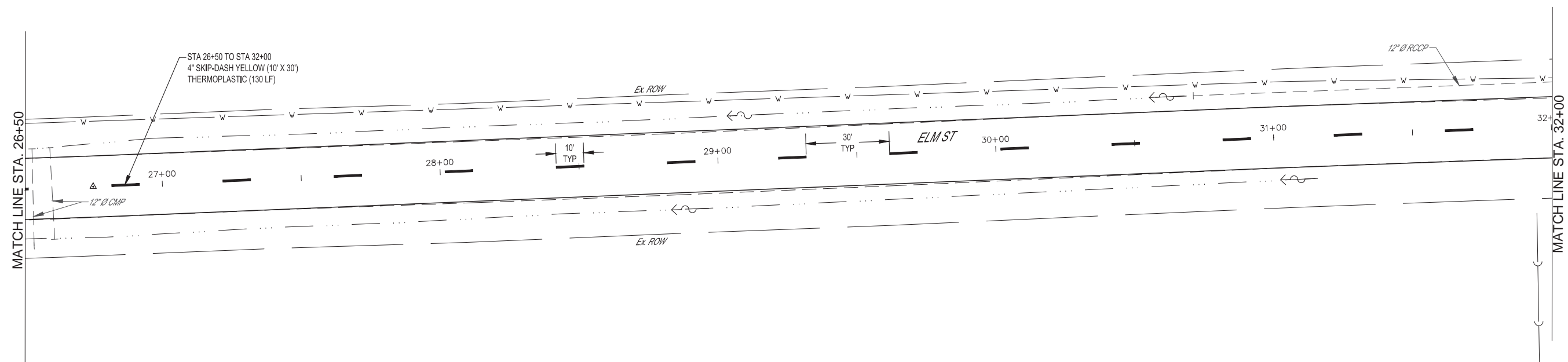


PAVEMENT MARKING
 ELM STREET
 SECTION 18-0045-00-RS
 CITY OF GREENVILLE, ILLINOIS

SHEET #
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 JOB #
 18283

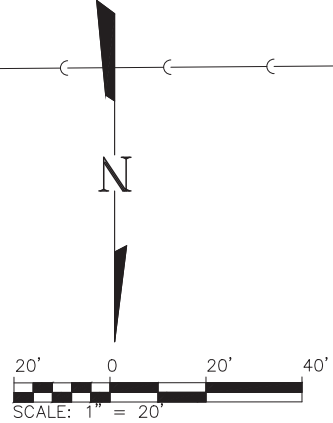
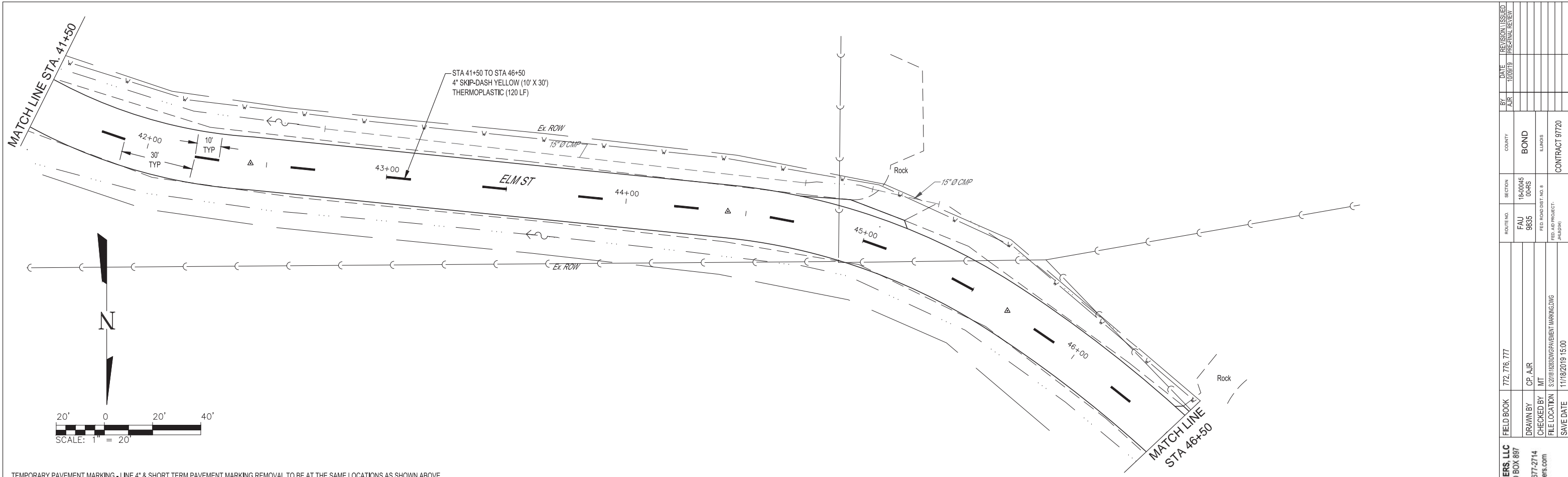


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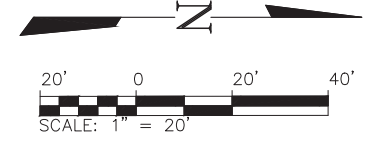
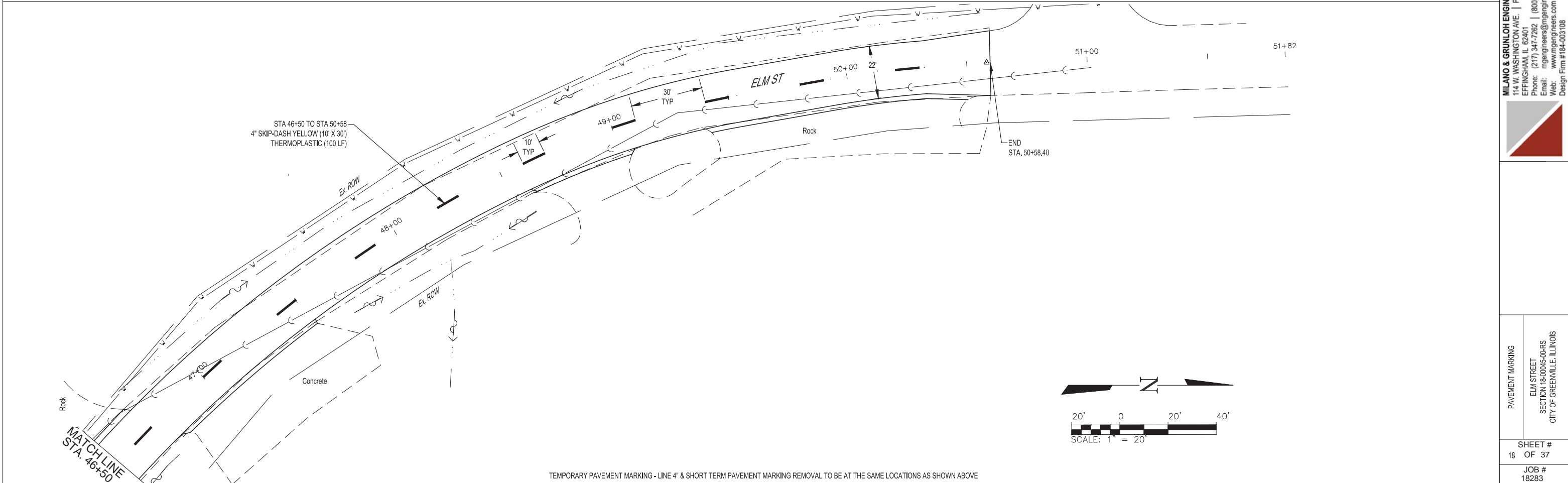


TEMPORARY PAVEMENT MARKING - LINE 4\"/>

PAVEMENT MARKING	ELM STREET SECTION 16-0045-00-RS CITY OF GREENVILLE, ILLINOIS	
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JOB #		18283
FIELD BOOK	772, 776, 777	
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CHECKED BY	MT	
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ROUTE NO.	FAU 9835	
SECTION	16-0045-00-RS	
COUNTY	BOND	
BY	AJR	
DATE	10/08/19	
REVISION	ISSUED	
	PRE-FINAL REVIEW	
MILANO & GRUNLOH ENGINEERS, LLC		
114 W. WASHINGTON AVE. PO BOX 887		
EFFINGHAM, IL 62401		
Phone: (217) 347-1262 (800) 677-2714		
Email: mgenr@mgengineers.com		
Web: www.mgenr.com		
Design Firm # 184-003108		



TEMPORARY PAVEMENT MARKING - LINE 4" & SHORT TERM PAVEMENT MARKING REMOVAL TO BE AT THE SAME LOCATIONS AS SHOWN ABOVE



TEMPORARY PAVEMENT MARKING - LINE 4" & SHORT TERM PAVEMENT MARKING REMOVAL TO BE AT THE SAME LOCATIONS AS SHOWN ABOVE

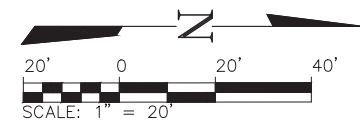
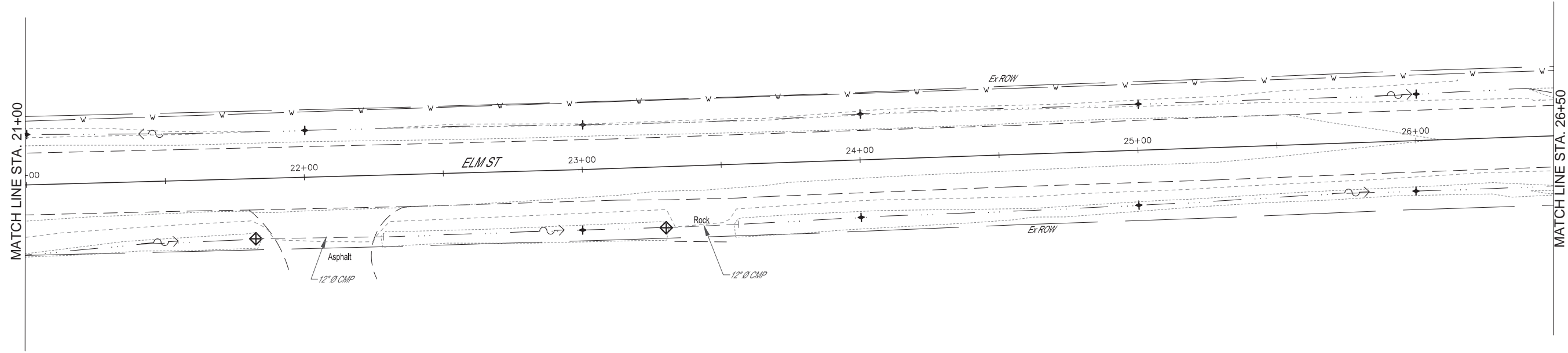
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10/09/19	PRE-FINAL REVIEW
BY	FAJR
COUNTY	BOND
SECTION	18-0045-00-RS
ROUTE NO.	FAU 9835
FED. ROAD DIST. NO. 9	
FED. AID PROJECT	
CONTRACT	97720
FIELD BOOK	772, 776, 777
DRAWN BY	CP, AJR
CHECKED BY	MT
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SAVE DATE	11/18/2019 15:00

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 114 W. WASHINGTON AVE. | PO BOX 887
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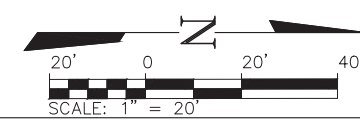
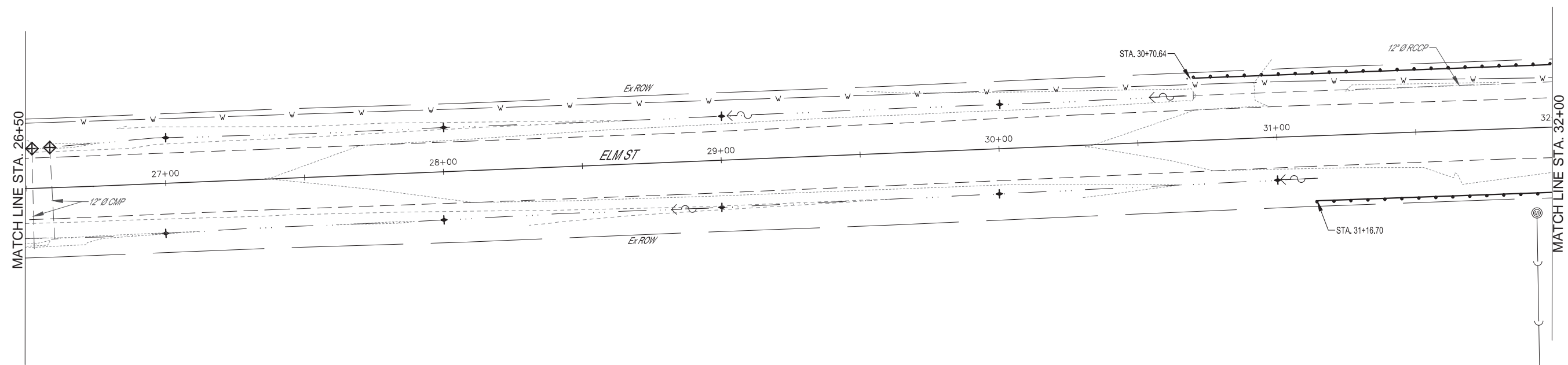


PAVEMENT MARKING
 ELM STREET
 SECTION 18-0045-00-RS
 CITY OF GREENVILLE, ILLINOIS

SHEET #
 18 OF 37
 JOB #
 18283

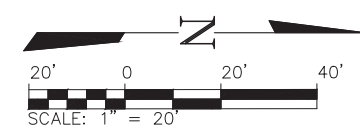
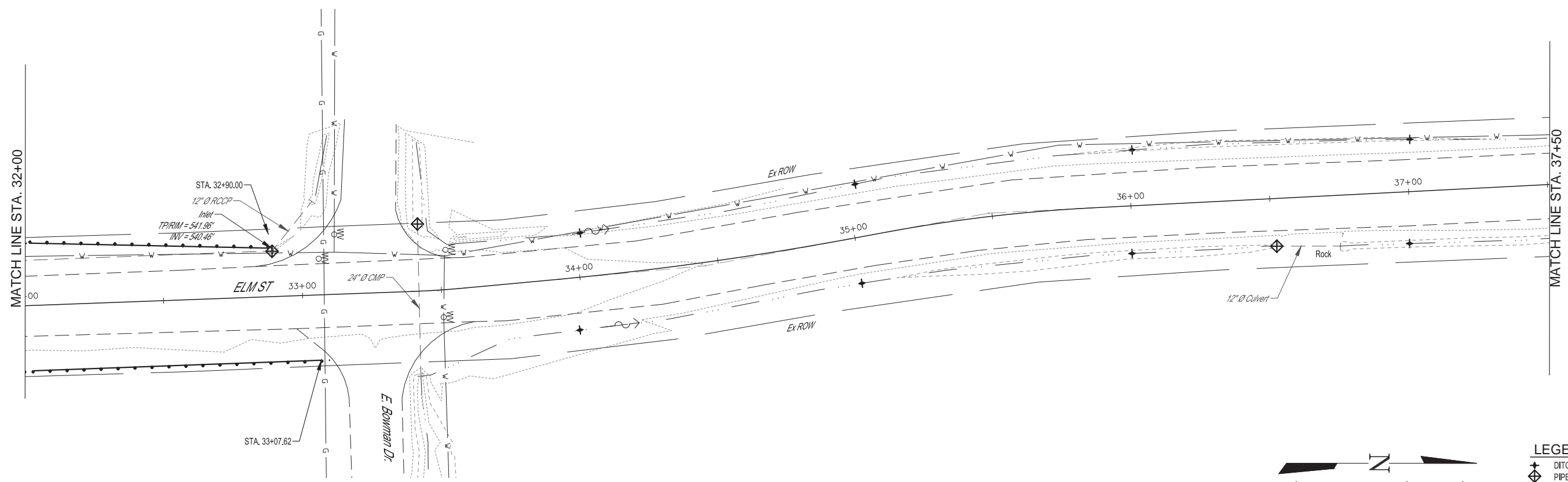


- LEGEND**
- DITCH CHECK (100' INTERVAL)
 - PIPE & INLET PROTECTION
 - PERIMETER EROSION CONTROL

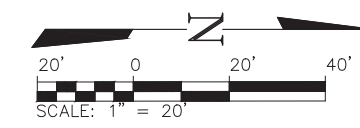
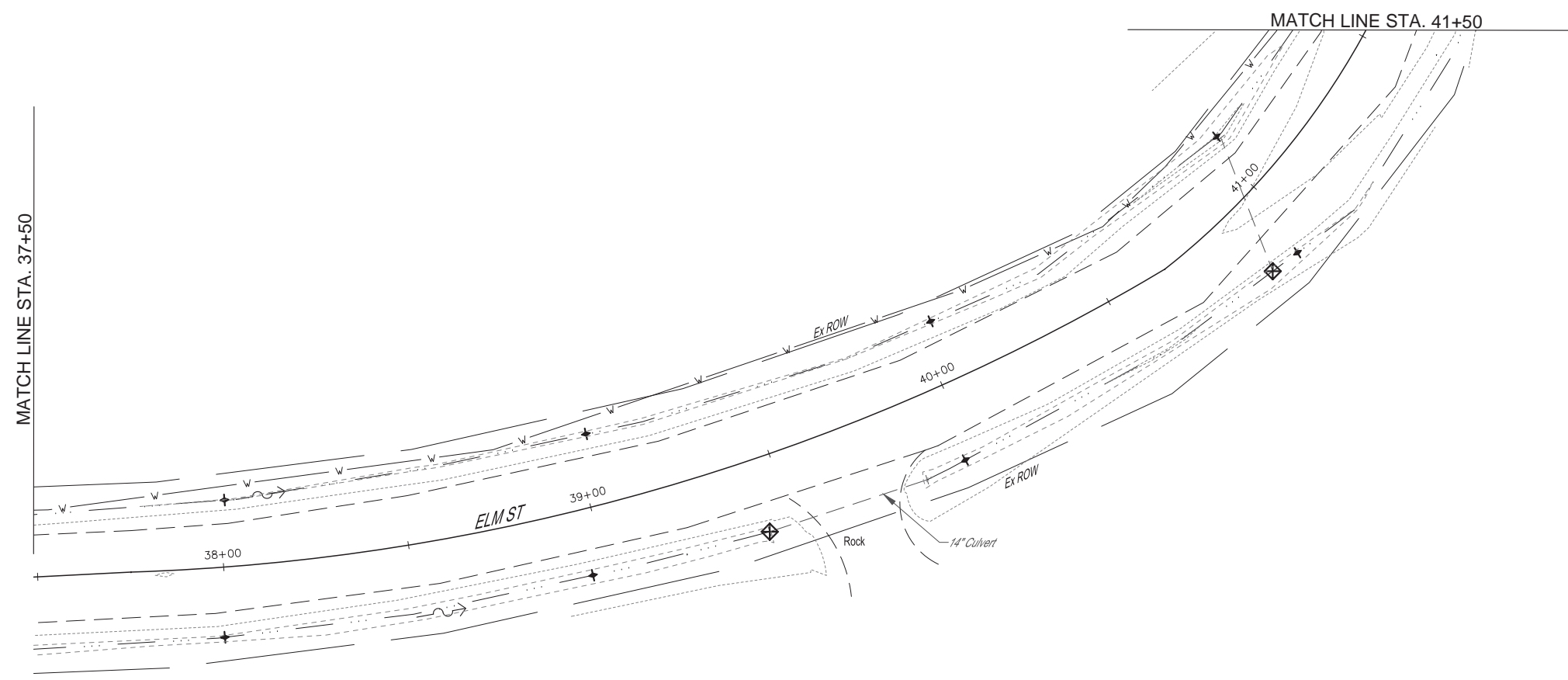


- LEGEND**
- DITCH CHECK (100' INTERVAL)
 - PIPE & INLET PROTECTION
 - PERIMETER EROSION CONTROL

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SECTION 16-0064-00-RS		ROUTE NO. FAU 9835		BLANKS					
CITY OF GREENVILLE, ILLINOIS		DRAWN BY CP, AJR		SECTION 16-0064-00-RS					
SHEET # 20 OF 37		CHECKED BY MT		ROUTE NO. 18-0064-00-RS					
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		MILANO & GRUNLOH ENGINEERS, LLC		SECTION 16-0064-00-RS					
		114 W. WASHINGTON AVE. PO BOX 887		SECTION 16-0064-00-RS					
		EFFINGHAM, IL 62401		SECTION 16-0064-00-RS					
		Phone: (217) 347-1262 (800) 677-2714		SECTION 16-0064-00-RS					
		Email: mgen@mgengineers.com		SECTION 16-0064-00-RS					
		Web: www.mgengineers.com		SECTION 16-0064-00-RS					
		Design Firm # 184-003108		SECTION 16-0064-00-RS					



- LEGEND**
- DITCH CHECK (100' INTERVAL)
 - PIPE & INLET PROTECTION
 - PERIMETER EROSION CONTROL



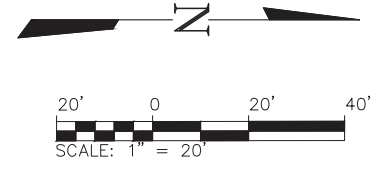
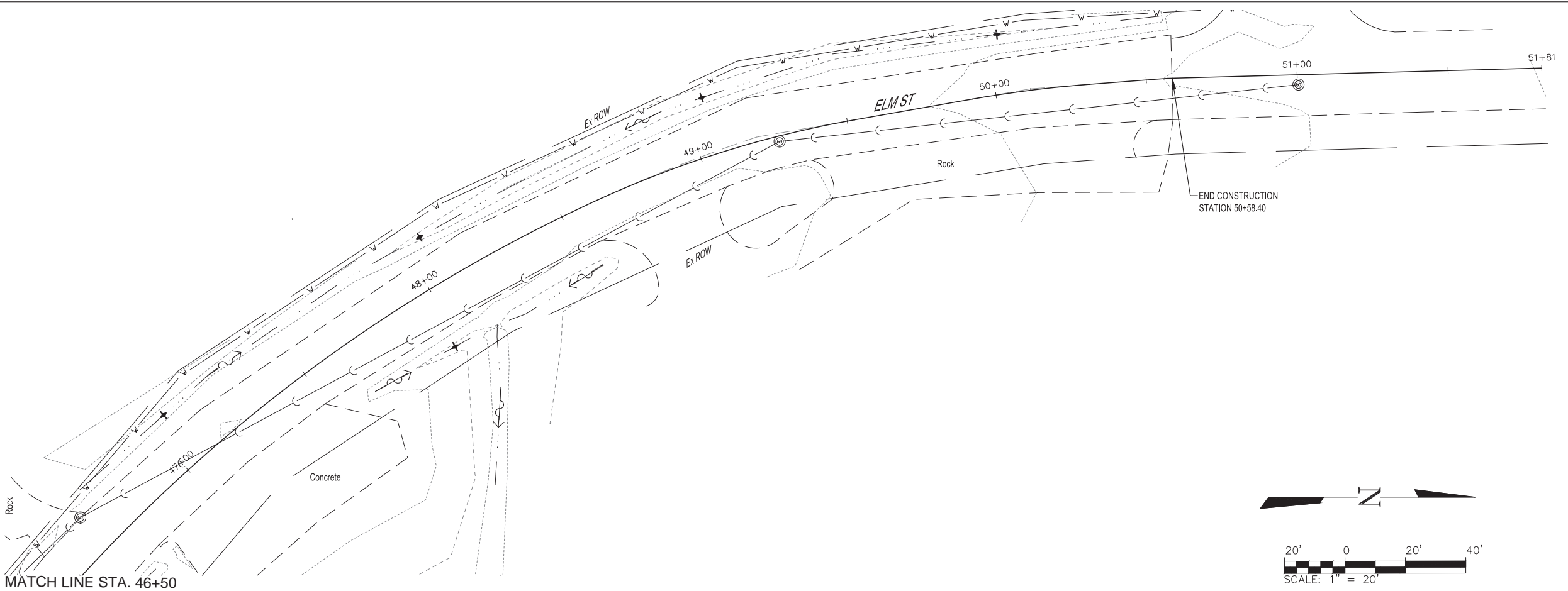
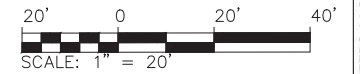
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- DITCH CHECK (100' INTERVAL)
 - PIPE & INLET PROTECTION
 - PERIMETER EROSION CONTROL

EROSION CONTROL		ELM STREET SECTION 18-0045-00-RS CITY OF GREENVILLE, ILLINOIS	
SHEET # 21 OF 37		JOB # 18283	
MILANO & GRUNLOH ENGINEERS, LLC 114 W. WASHINGTON AVE. PO BOX 887 EFFINGHAM, IL 62401 Phone: (217) 347-7262 (800) 677-2714 Email: mgenr@mgengineers.com Web: www.mgenr.com Design Firm # 184-003108		FIELD BOOK 772, 776, 777	FILE LOCATION S:\2018\18283\EROSION CONTROL.DWG
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BY AJR	DATE 10/09/19	REVISION ISSUED PRE-FINAL REVIEW	CONTRACT 97720



LEGEND

- DITCH CHECK (100' INTERVAL)
- PIPE & INLET PROTECTION
- PERIMETER EROSION CONTROL



LEGEND

- DITCH CHECK (100' INTERVAL)
- PIPE & INLET PROTECTION
- PERIMETER EROSION CONTROL

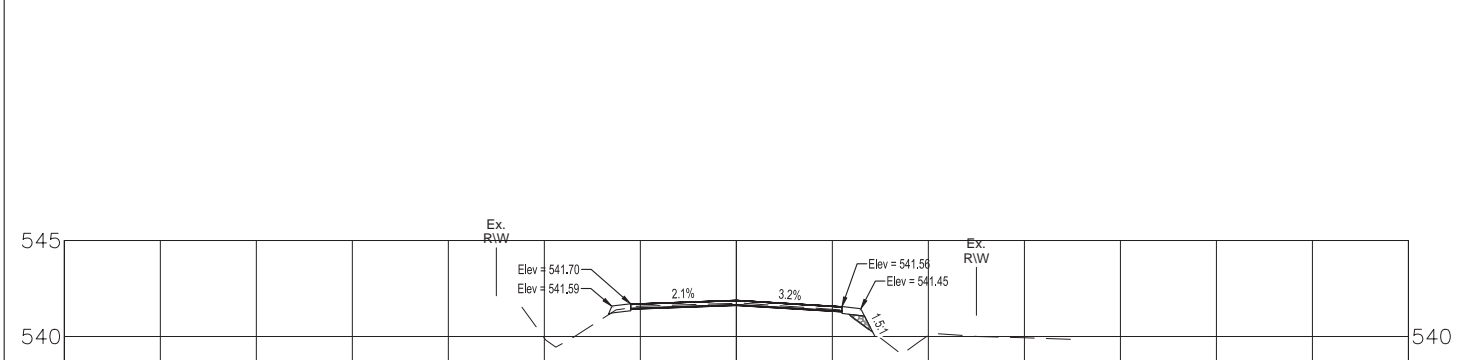
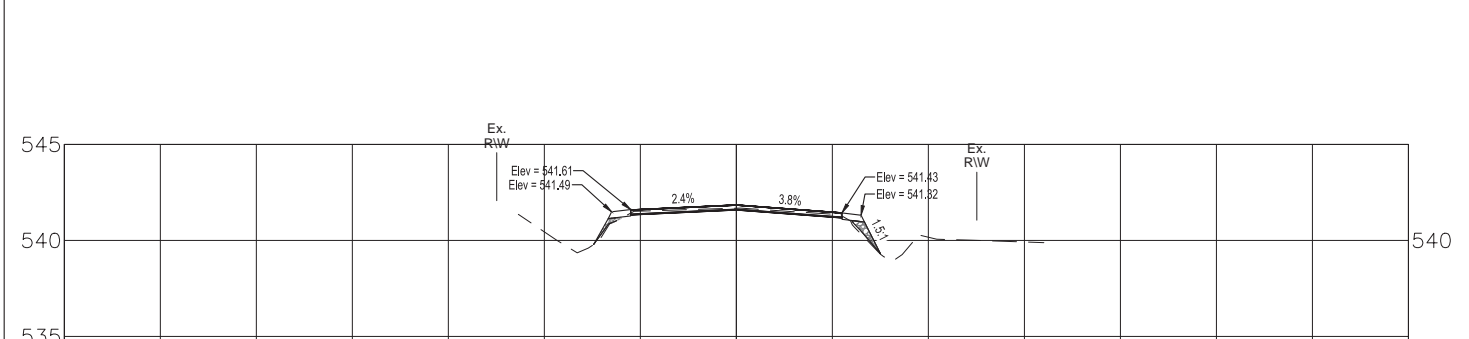
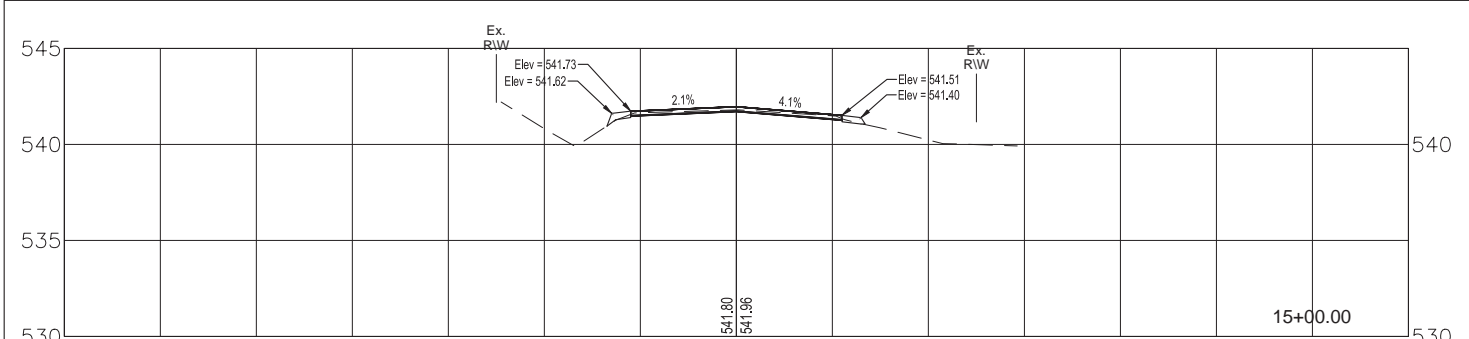
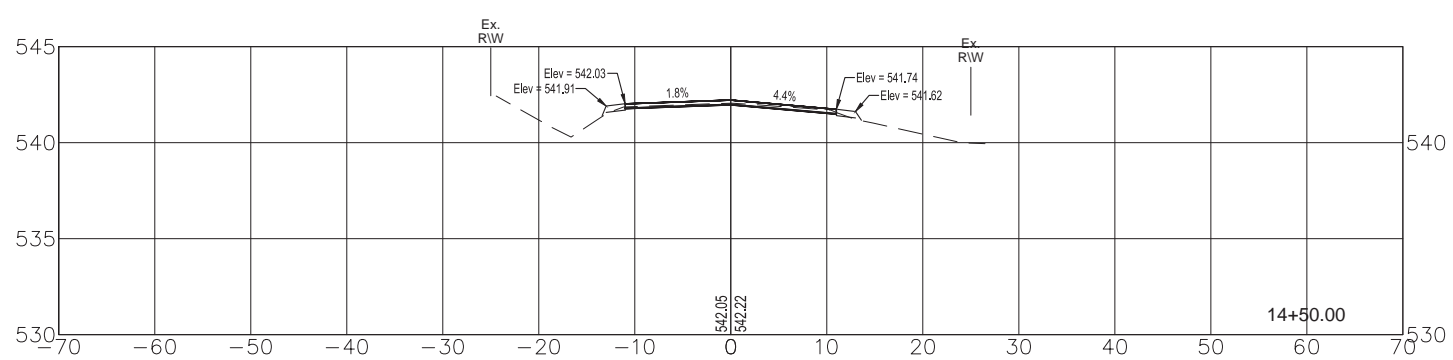
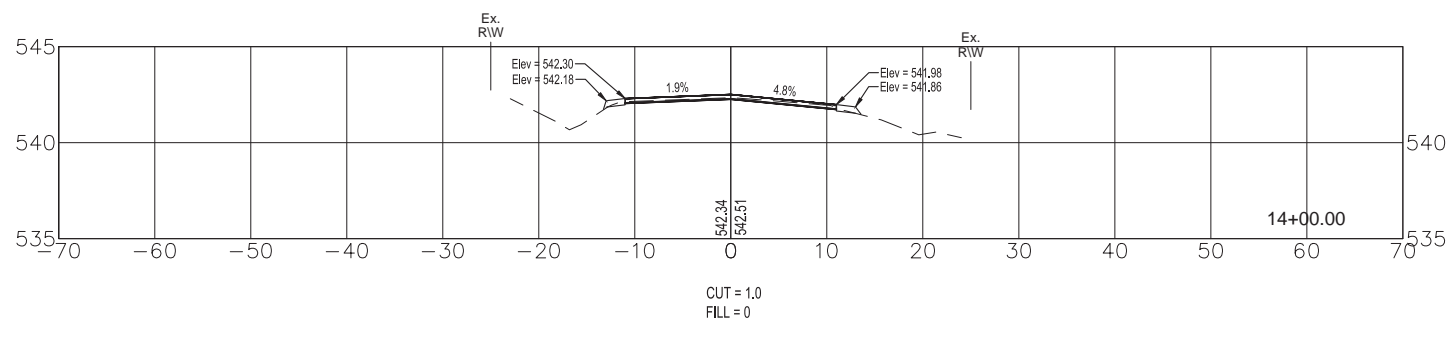
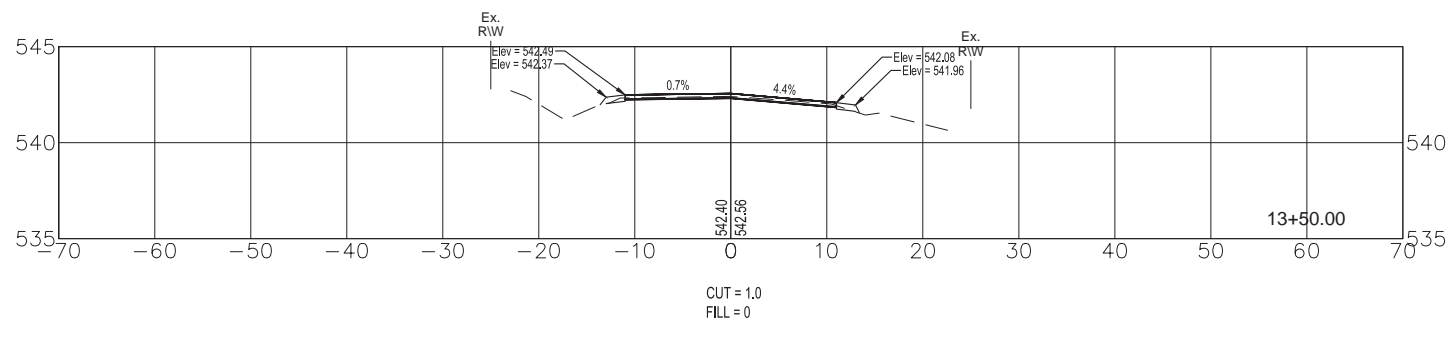
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10/08/19	PRE-FINAL REVIEW
BY	FAJR
COUNTY	BOND
SECTION	18-00045
ROUTE NO.	FAU 9835
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	FED. ROAD DIST. NO. 9
	FED. AID PROJECT
	(JURISDICTION)
	CONTRACT 97720

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 Phone: (217) 347-7262 | (800) 677-2714
 Email: mgeengineers@mgeengineers.com
 Web: www.mgeengineers.com
 Design Firm #184-003108

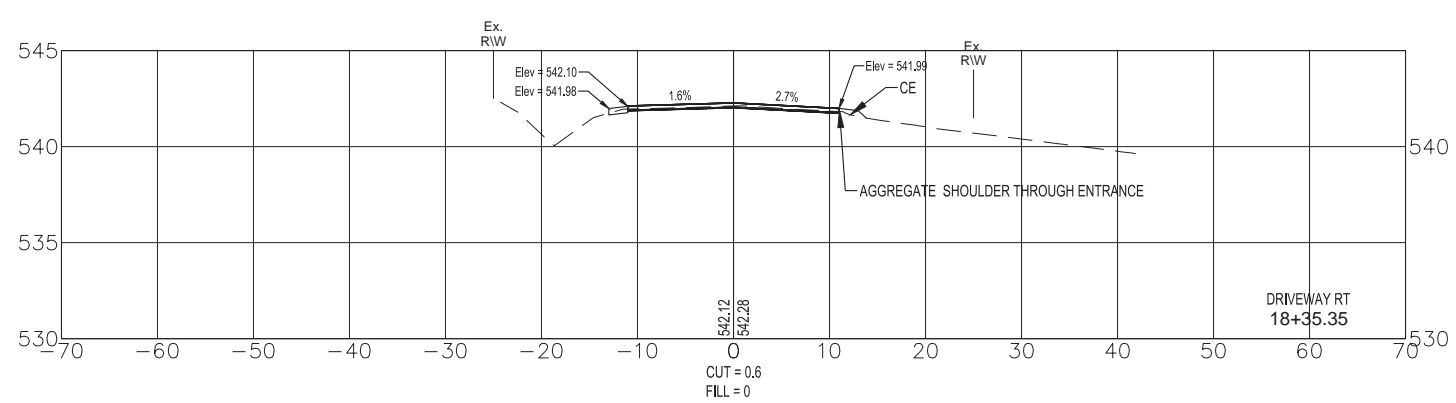
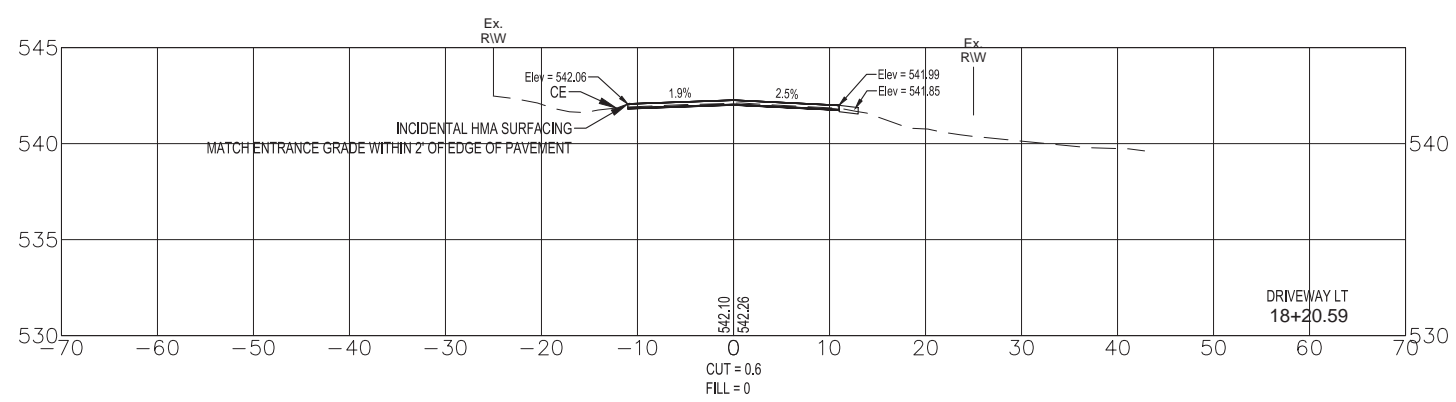
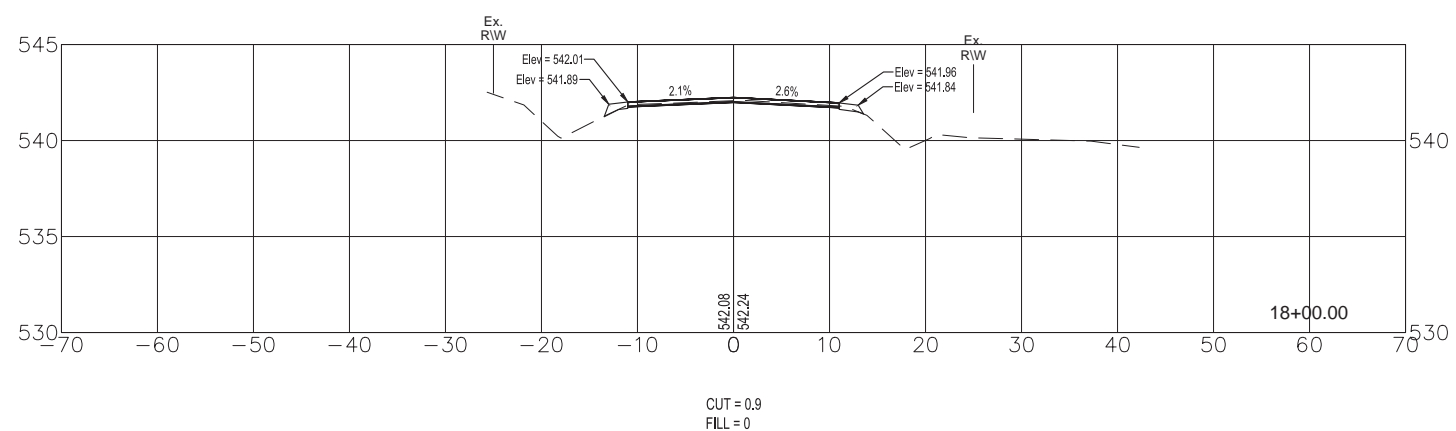
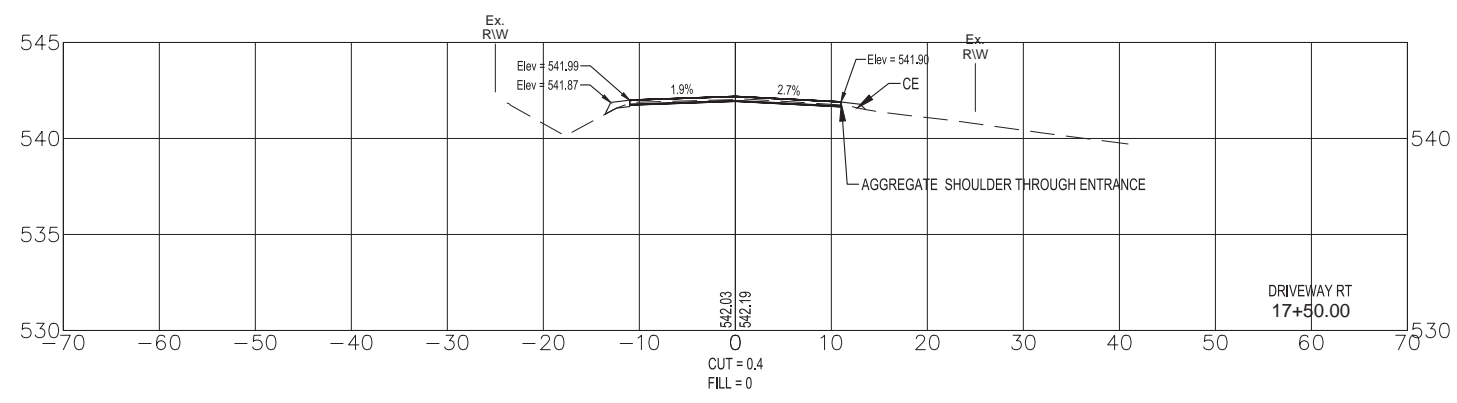
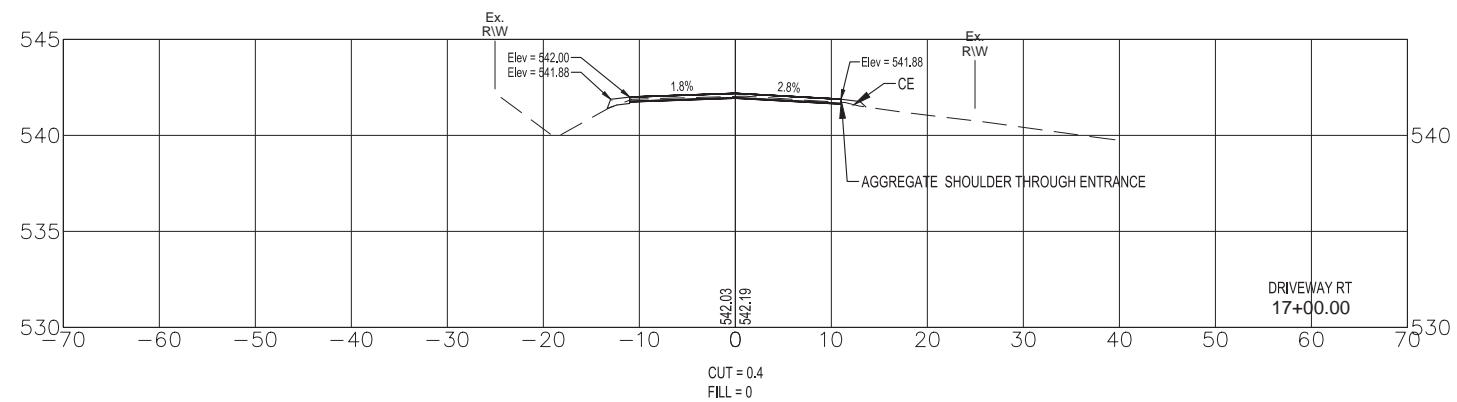
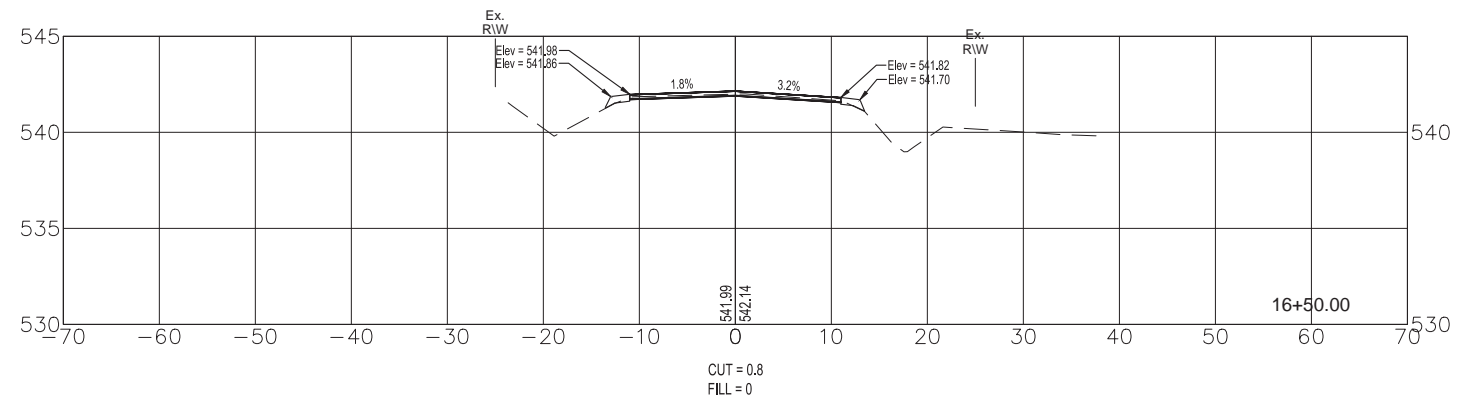


EROSION CONTROL
 ELM STREET
 SECTION 18-00045-00-RS
 CITY OF GREENVILLE, ILLINOIS

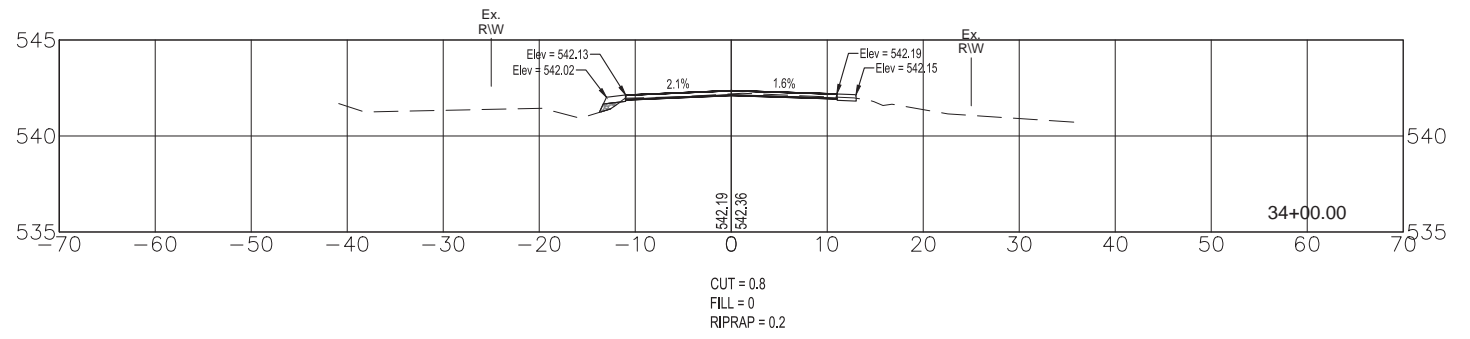
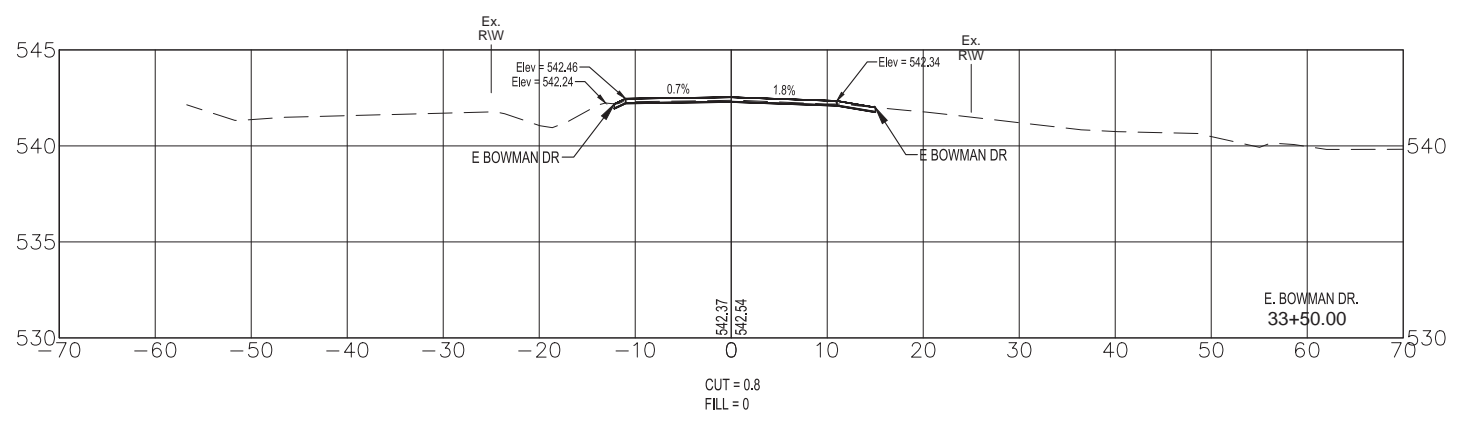
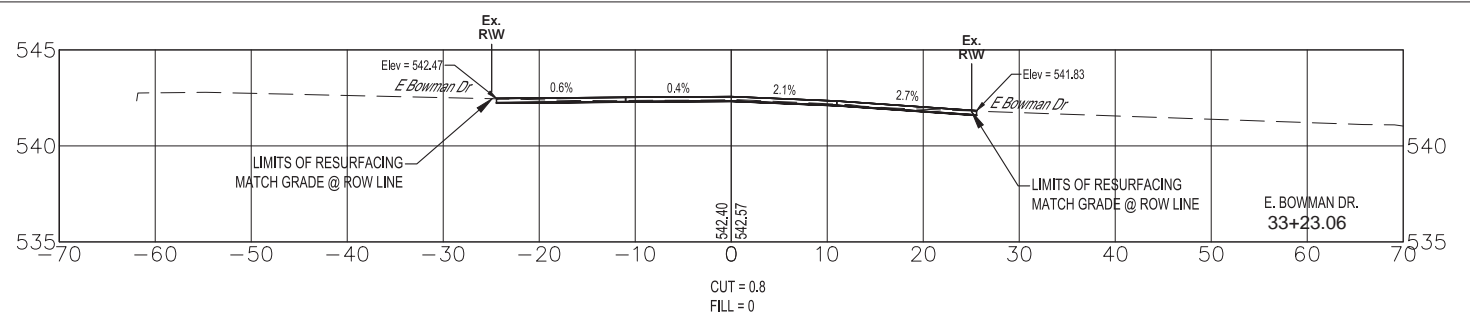
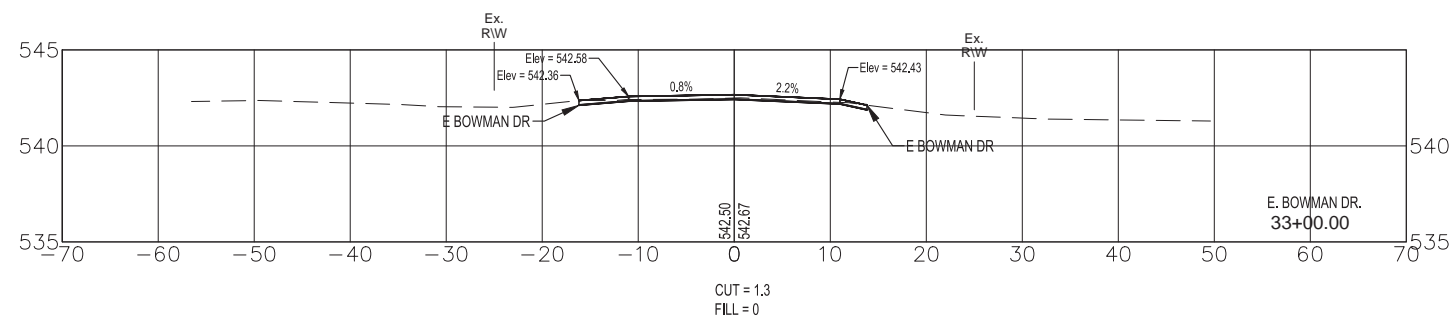
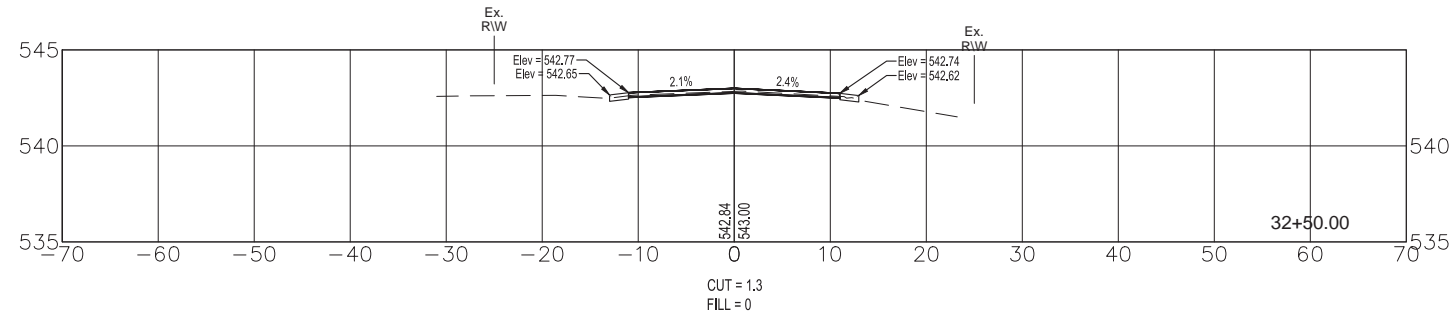
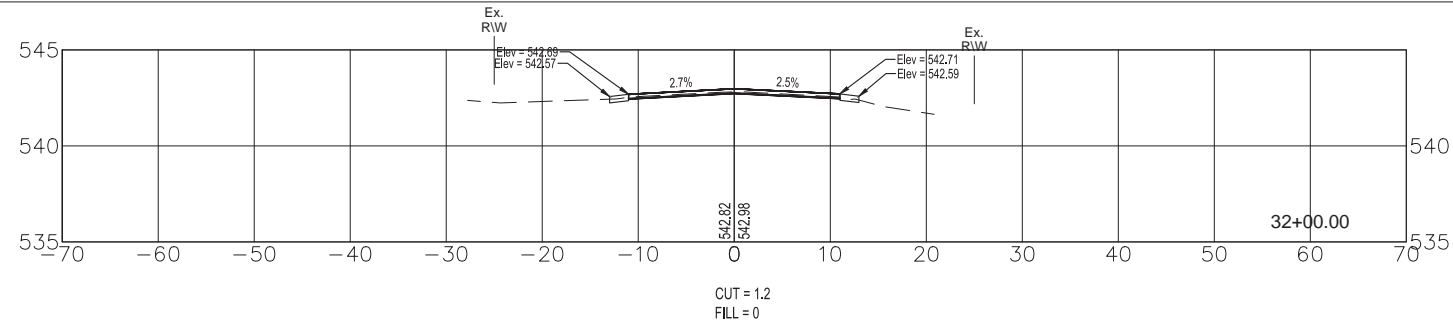
SHEET #
 22 OF 37
 JOB #
 18283



DATE	10/09/19	REVISION	ISSUED
		PRE-FINAL	REVIEW
BY	CAJR	COUNTY	BOND
SECTION	18-00045-00-RS	BLANDS	
ROUTE NO.	FAU 9835	FED. ROAD DIST. NO. 9	
FED. AID PROJECT	(None)	CONTRACT	97720
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MILANO & GRUNLOH ENGINEERS, LLC 114 W. WASHINGTON AVE. PO BOX 887 EFFINGHAM, IL 62403 (600) 677-2714 Phone: (217) 347-7262 Email: mgenr@mgengineers.com Web: www.mgenr.com Design Firm # 184-003108			
CROSS SECTIONS	ELM STREET SECTION 18-00045-00-RS CITY OF GREENVILLE, ILLINOIS		
SHEET #	24 OF 37		
JOB #	18283		



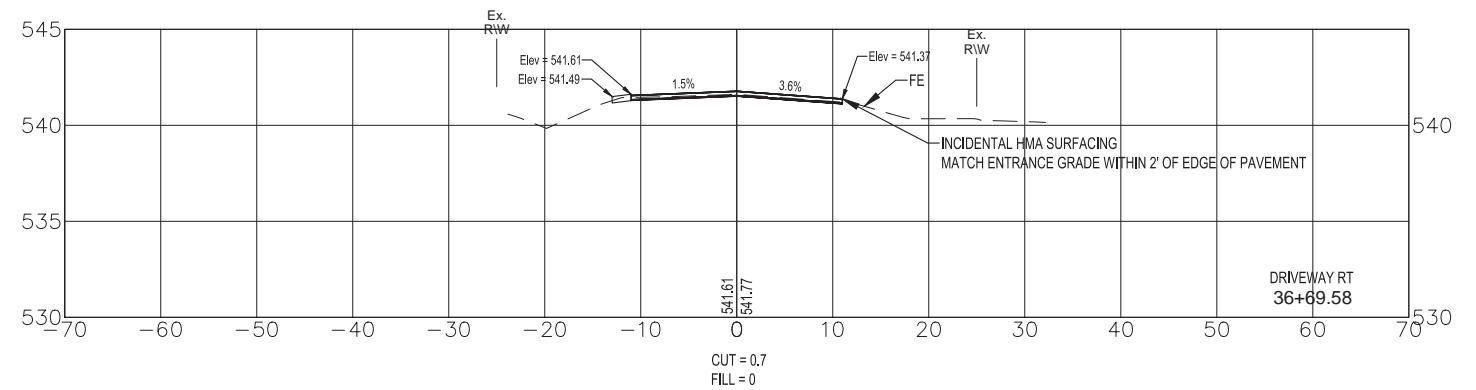
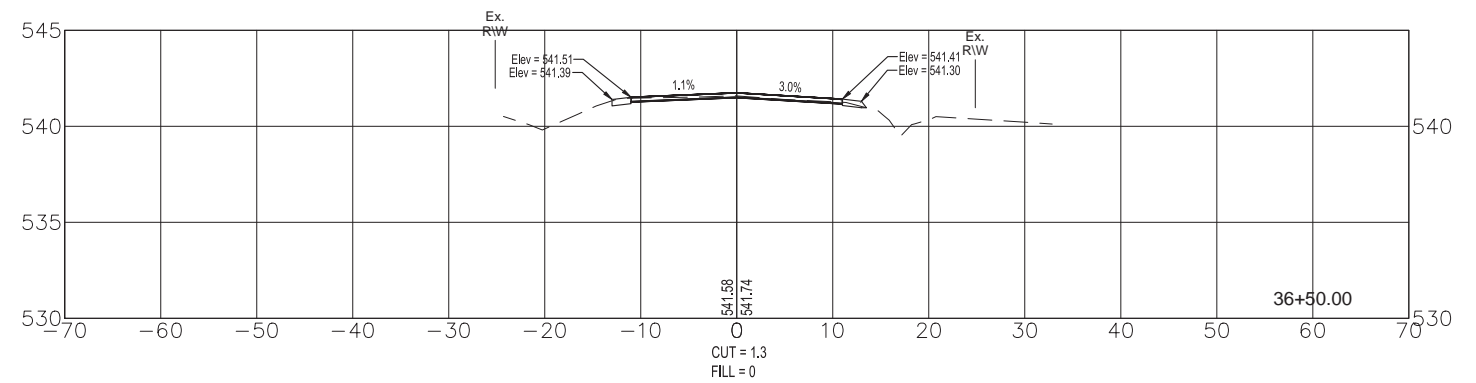
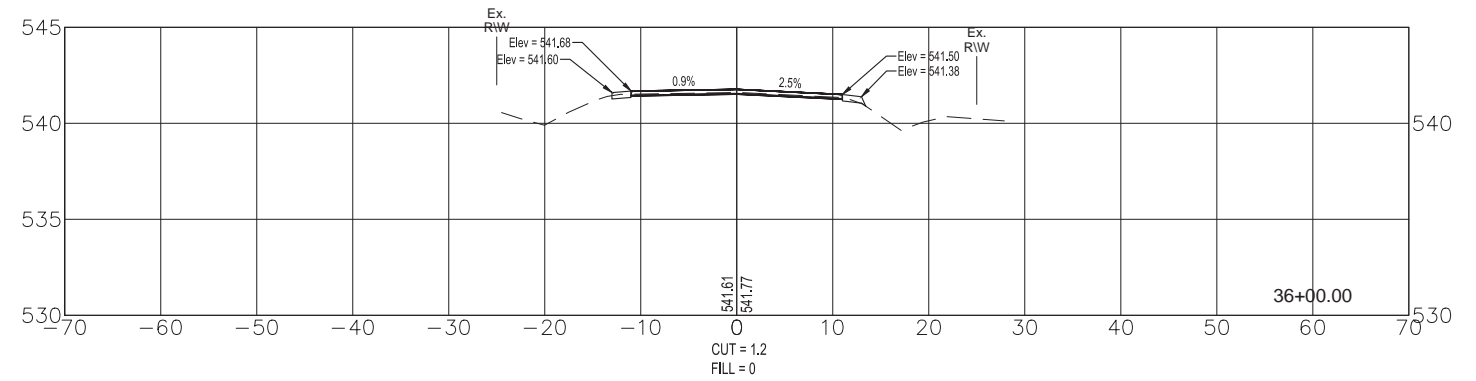
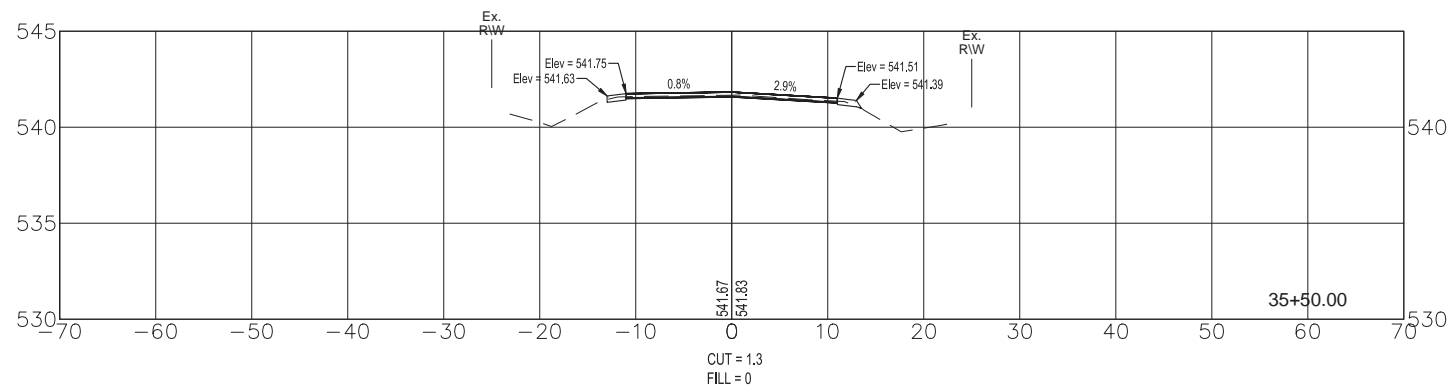
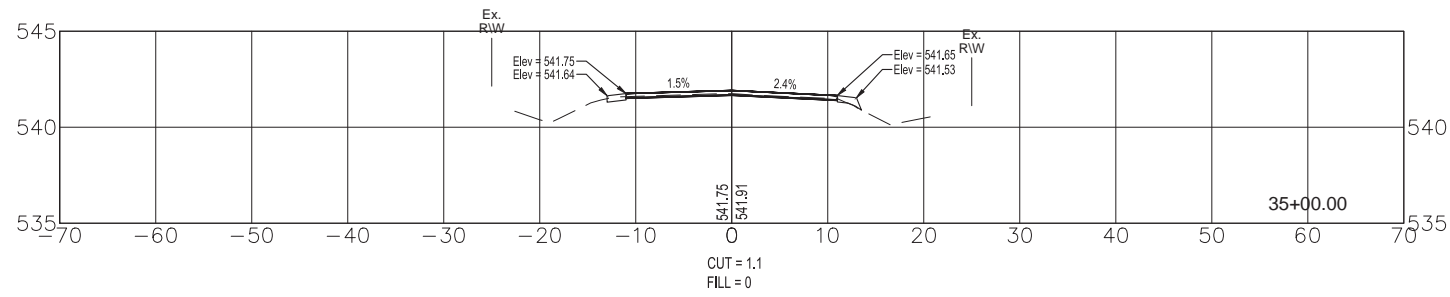
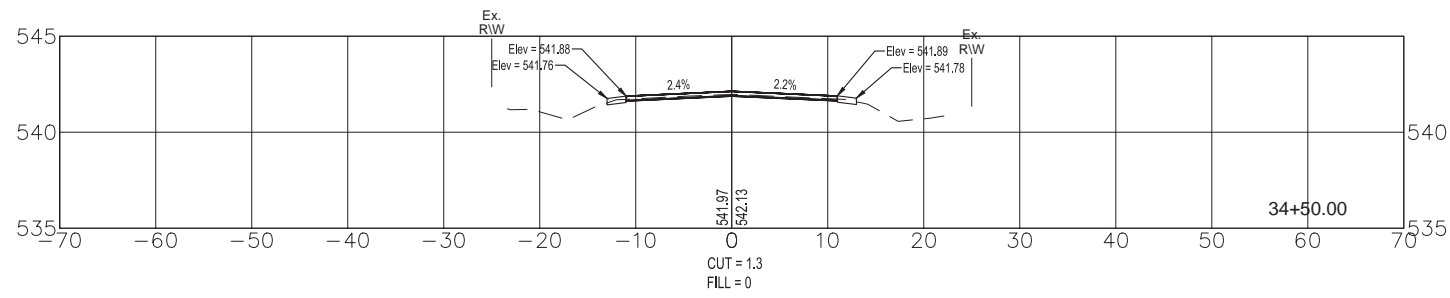
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PRE-FINAL REVIEW	10/08/19	AJR	BOND	18-0045-00-RS	FAU 9835	DRAWN BY	CP, AJR
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MILANO & GRUNLOH ENGINEERS, LLC 114 W. WASHINGTON AVE. PO BOX 887 EFFINGHAM, IL 62407 Phone: (217) 347-7262 (800) 677-2714 Email: mgenr@mgengineers.com Web: www.mgengineers.com Design Firm # 184-003108							
CROSS SECTIONS ELM STREET SECTION 18-0045-00-RS CITY OF GREENVILLE, ILLINOIS							
SHEET # 25 OF 37							
JOB # 18283							



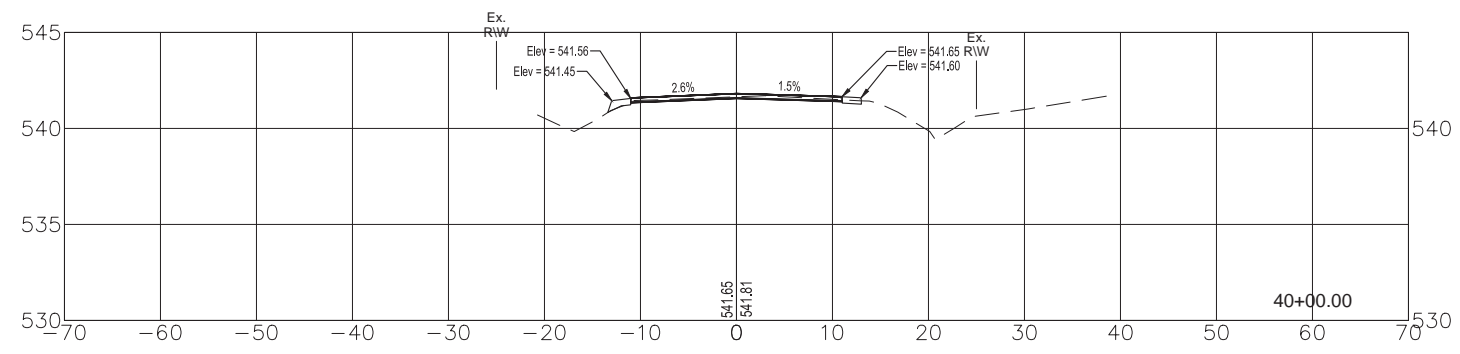
REVISION ISSUED	DATE	BY	COUNTY	SECTION	ROUTE NO.	FIELD BOOK	DESIGNER	FILE LOCATION	SAVE DATE
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								31 OF 37	
								JOB #	
								18283	

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 114 W. WASHINGTON AVE. | PO BOX 887
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 Web: www.mgenengineers.com
 Design Firm # 184-003108

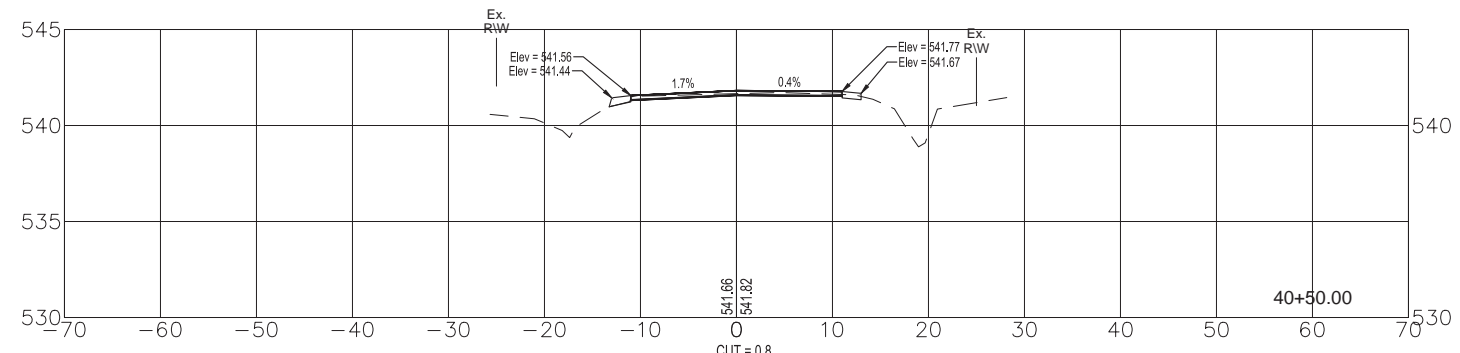




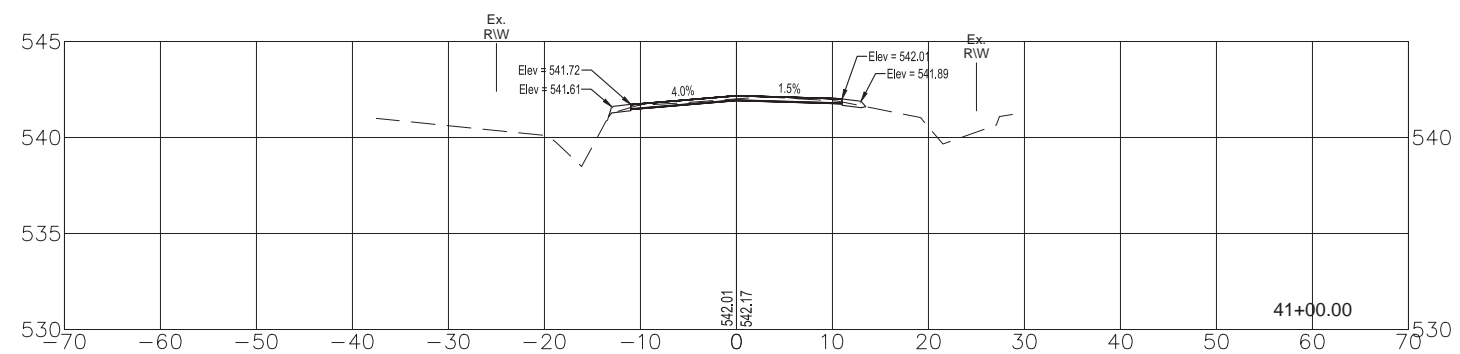
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FIELD BOOK		772, 776, 777		DRAWN BY		CP, AJR		CHECKED BY	
MILANO & GRUNLOH ENGINEERS, LLC		114 W. WASHINGTON AVE. PO BOX 887		FILE LOCATION		S:\2018\18030\SECTION\DRAWING		SAVE DATE	
EFFINGHAM, IL 62402		Phone: (217) 347-7262 (800) 677-2714		E-MAIL		mgenr@engr.com		www.mgenr.com	
Design Firm # 184-003108									
CROSS SECTIONS		ELM STREET		SECTION 18-00045-00-RS		CITY OF GREENVILLE, ILLINOIS		SHEET #	
								32 OF 37	
								JOB #	
								18283	



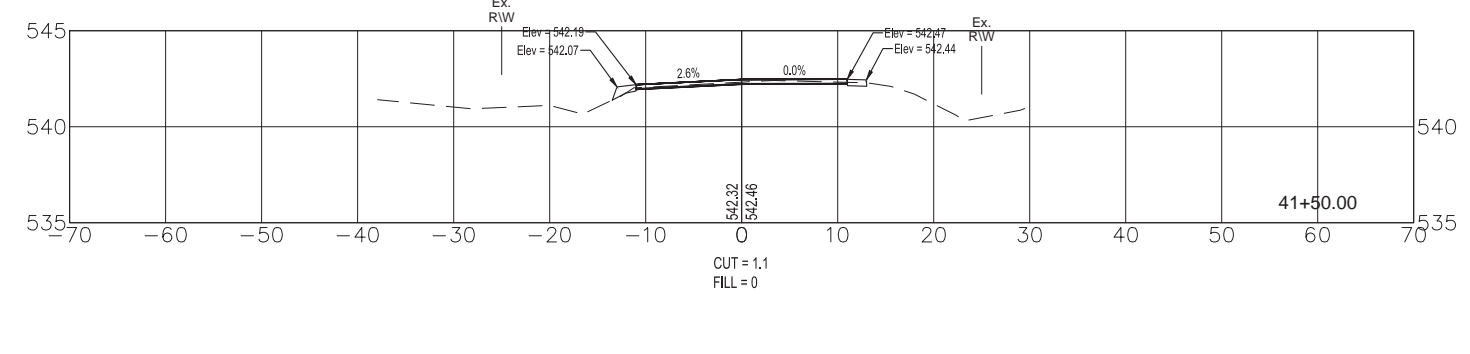
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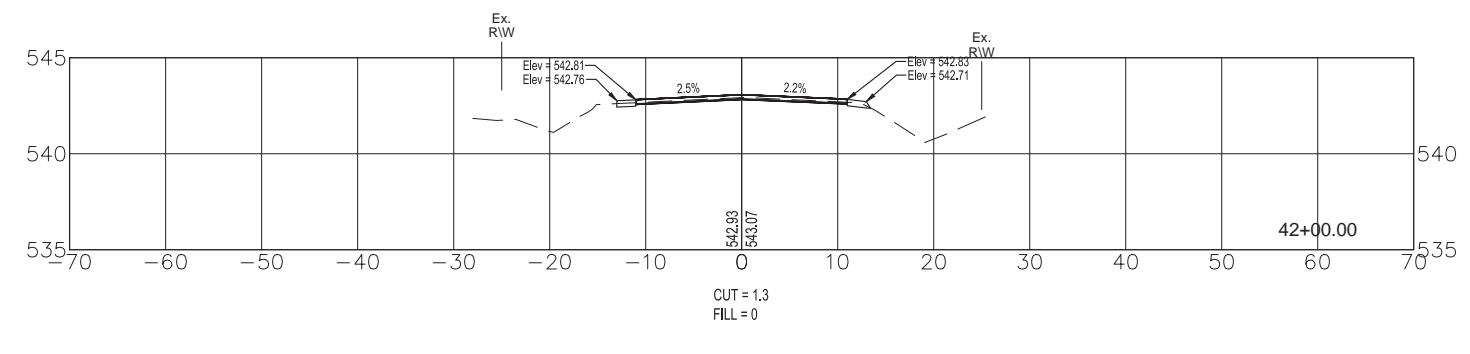
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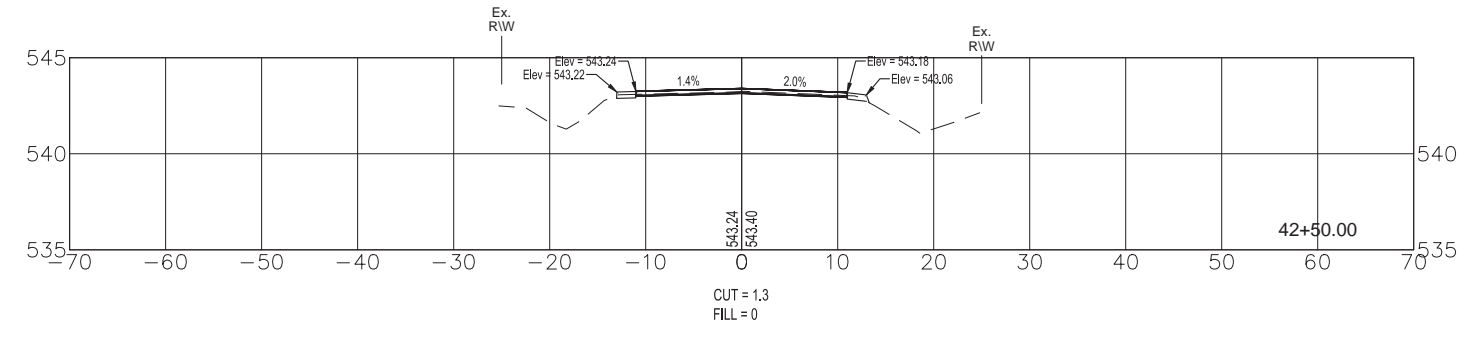
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CUT = 1.1
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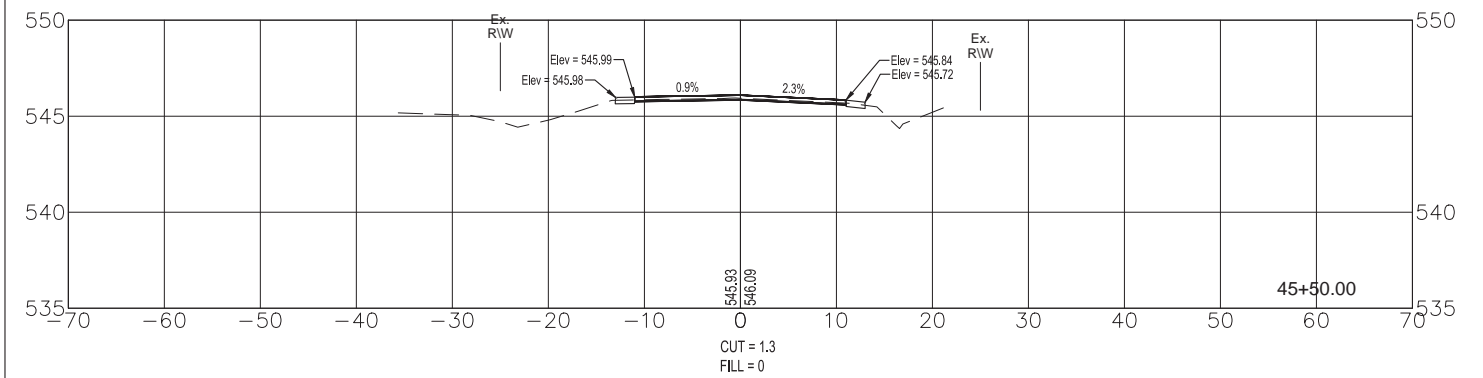
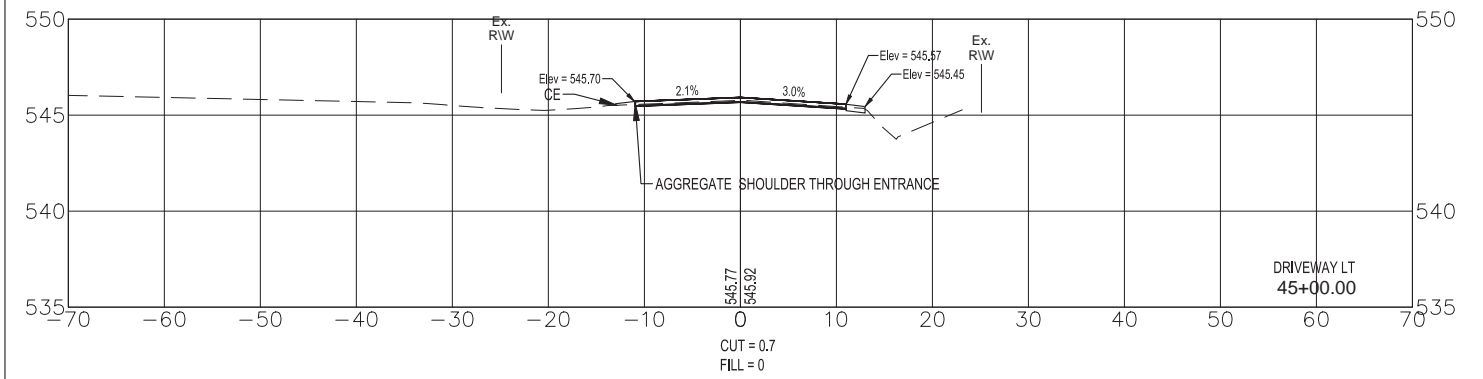
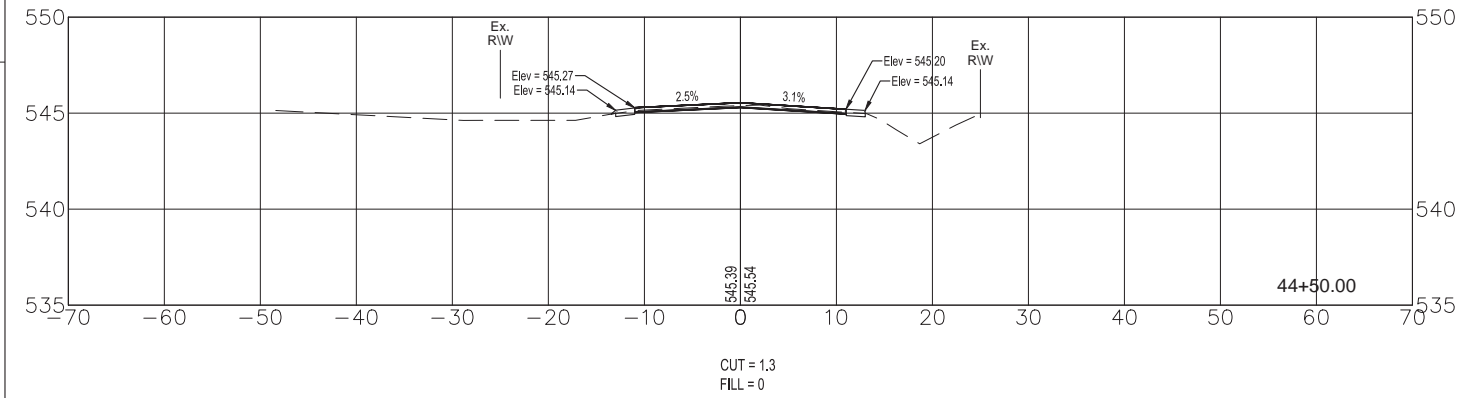
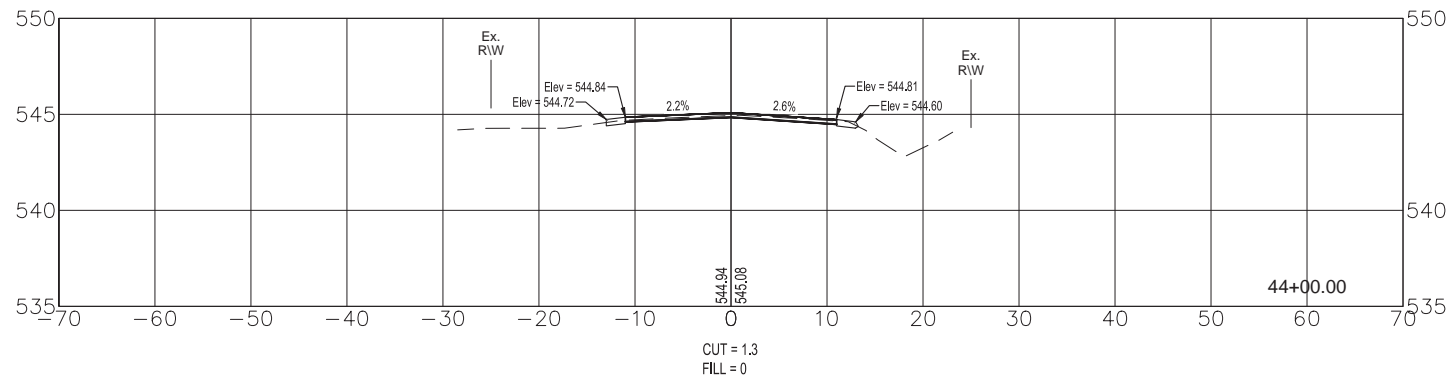
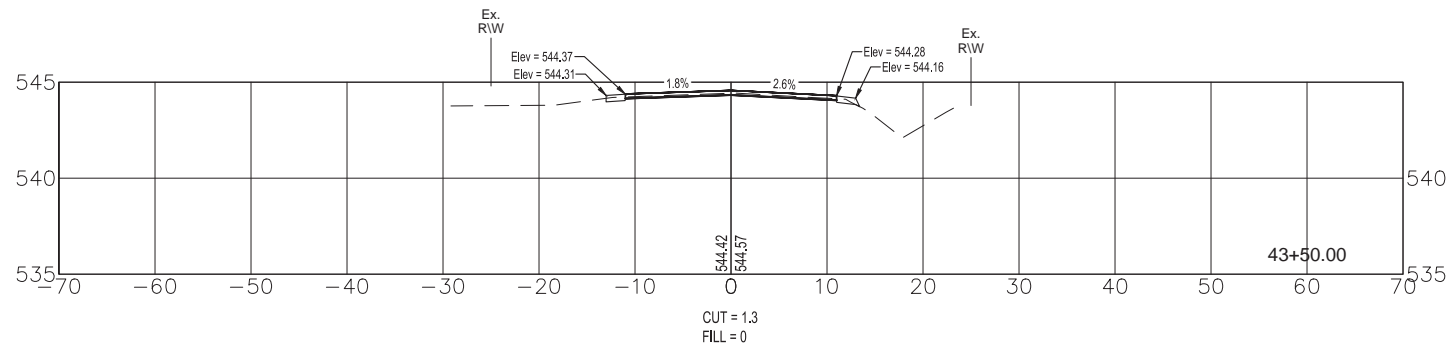
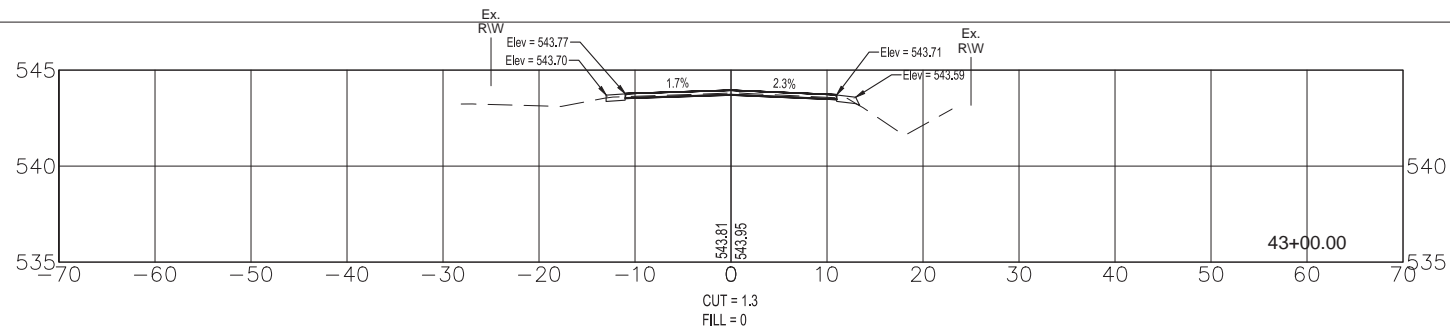


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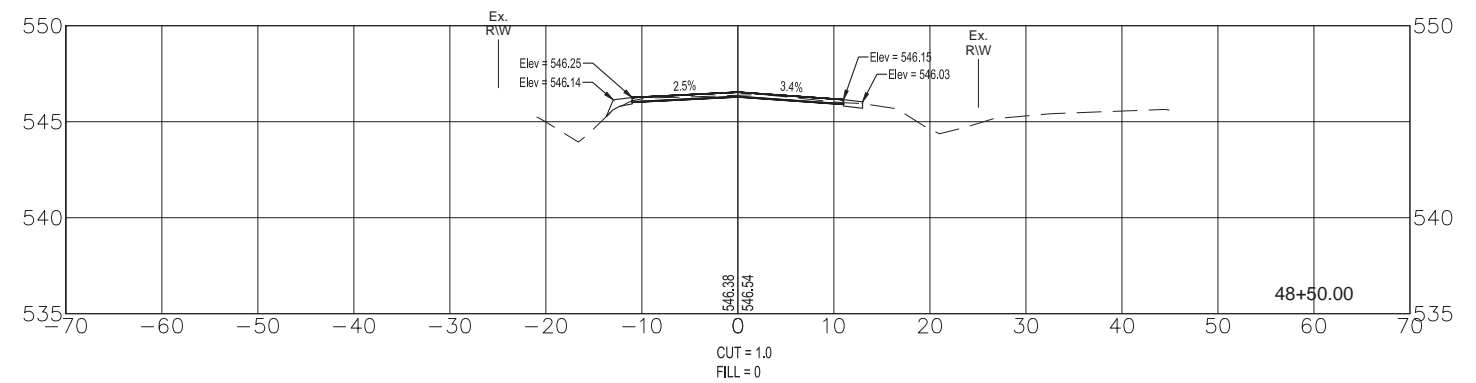
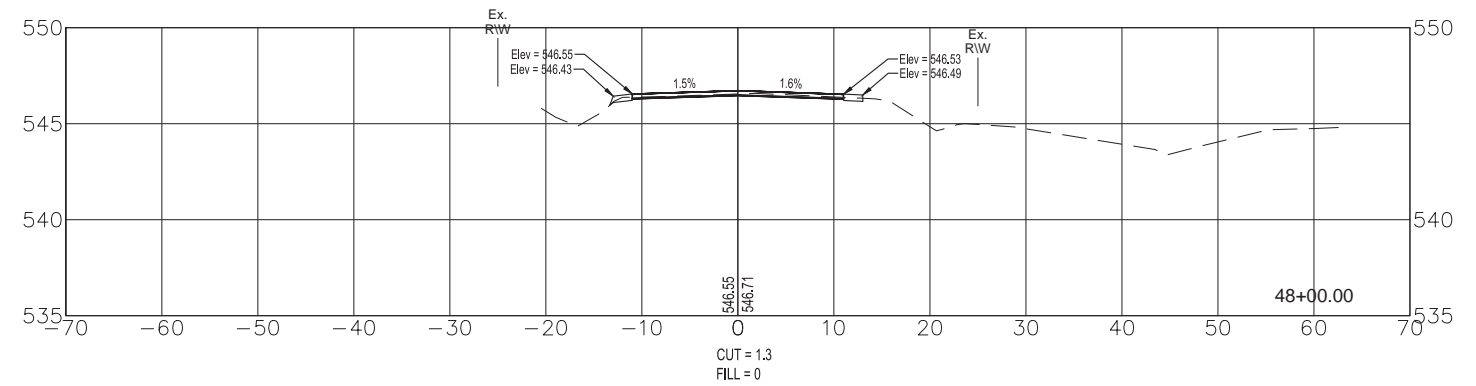
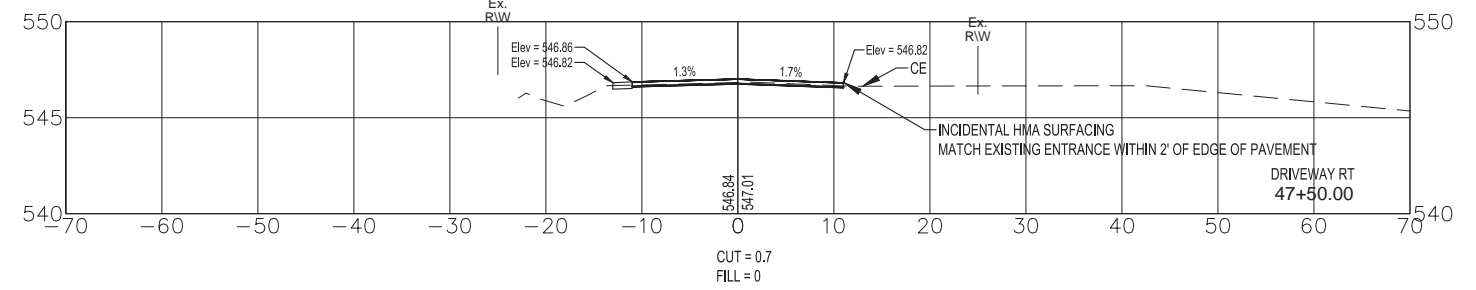
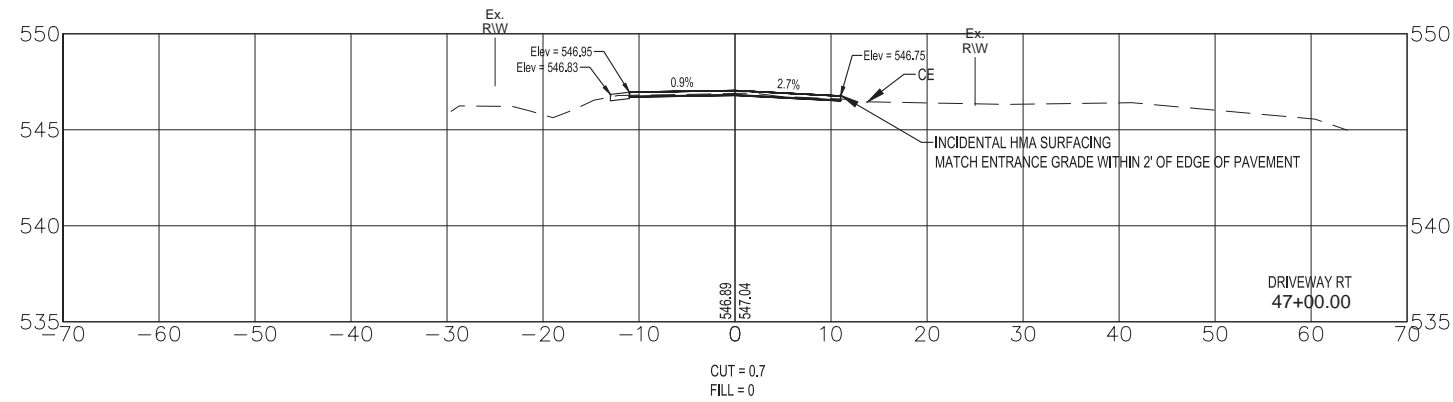
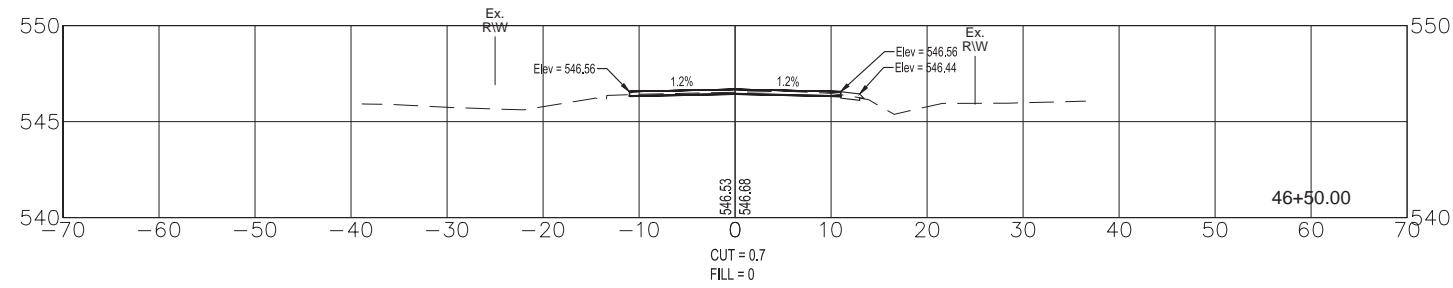
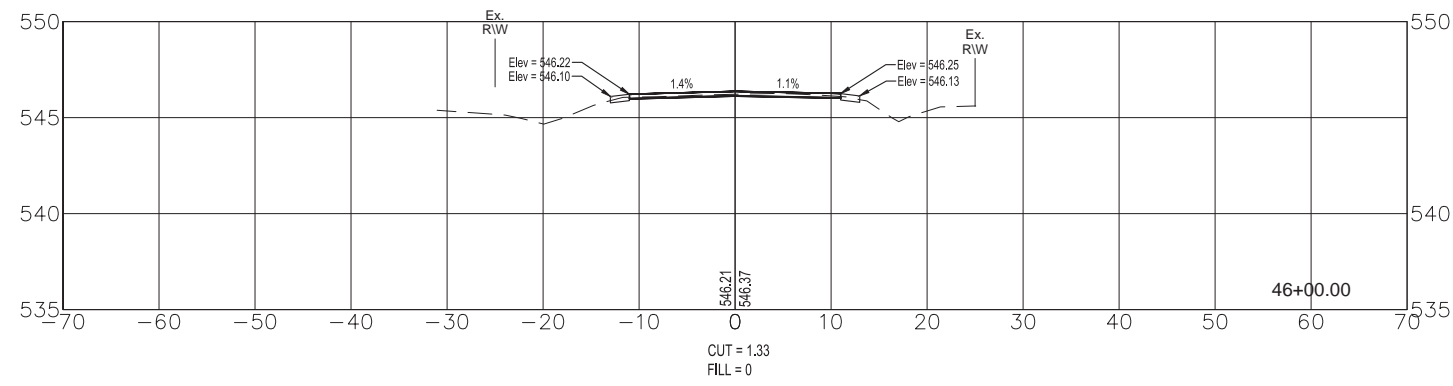


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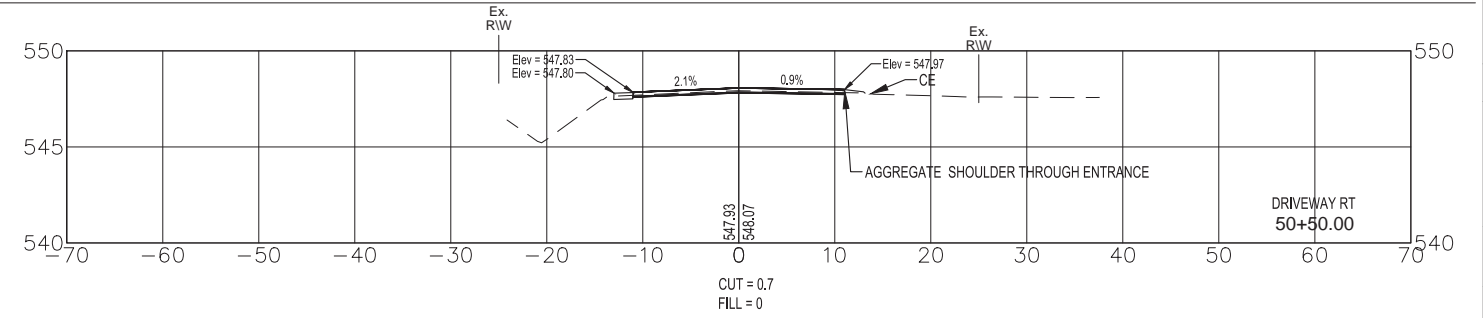
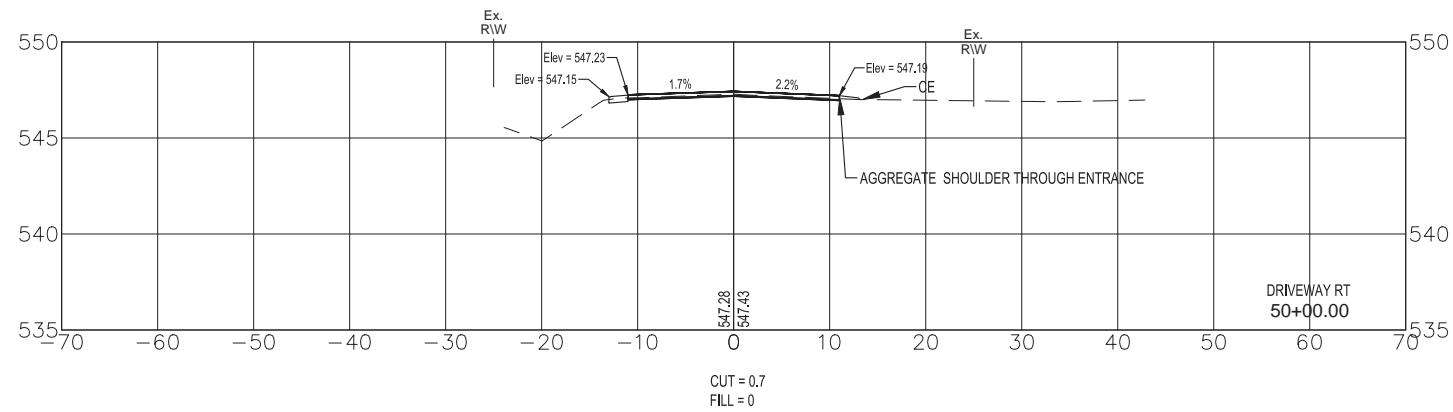
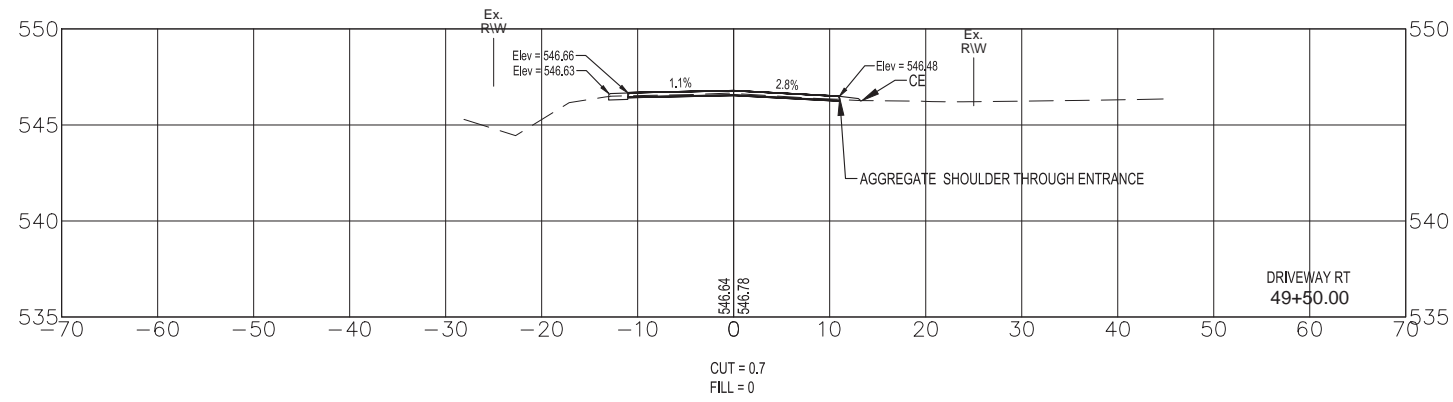
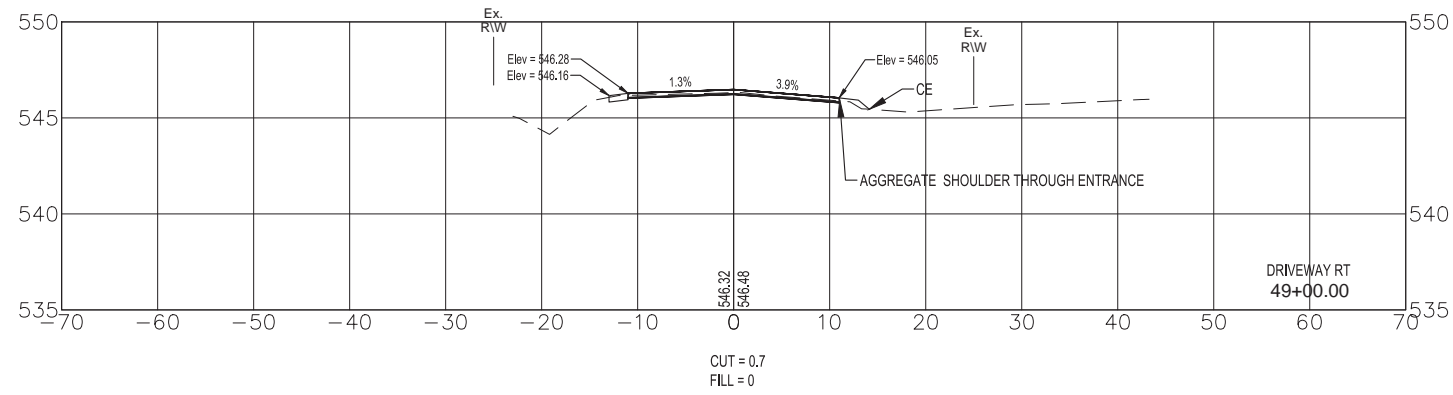
REVISION ISSUED	DATE	BY	COUNTY	SECTION	ROUTE NO.	FED. ROAD DIST. NO. & BLANKS	FED. AID PROJECT (JURISDICTION)
PRE-FINAL REVIEW	10/08/19	AJR	BOND	18-0045-00-RS	FAU 9835		
FIELD BOOK		DRAWN BY		CHECKED BY		FILE LOCATION	
772, 776, 777		CP, AJR		MT		S:\2018\18030\SECTIONSDWG	
MILANO & GRUNLOH ENGINEERS, LLC		114 W. WASHINGTON AVE. PO BOX 887		EFFINGHAM, IL 62401		Phone: (217) 347-7262 (800) 677-2714	
		Email: mgen@mgengineers.com		Web: www.mgenengineers.com		Design Firm # 184-003108	
CROSS SECTIONS		ELM STREET		SECTION 18-0045-00-RS		CITY OF GREENVILLE, ILLINOIS	
		SHEET #		34		OF 37	
		JOB #		18283			
		CONTRACT		97720			
		SAVE DATE		11/19/2019 10:19			



REVISION ISSUED		DATE	BY	COUNTY	SECTION	ROUTE NO.	FED. ROAD DIST. NO. & BLANKS	FED. AID PROJECT (JGD001)
PRE-FINAL REVIEW		10/08/19	AJR	BOND	18-0045-00-RS	FAU 9835		CONTRACT 97720
FIELD BOOK		772, 776, 777	CP, AJR					
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MILANO & GRUNLOH ENGINEERS, LLC 114 W. WASHINGTON AVE. PO BOX 887 EFFINGHAM, IL 62403 Phone: (217) 347-7262 (800) 677-2714 Email: mgenr@engr.com Web: www.mgenr.com Design Firm # 184-003108								
CROSS SECTIONS		ELM STREET SECTION 18-0045-00-RS CITY OF GREENVILLE, ILLINOIS						
SHEET #		35 OF 37						
JOB #		18283						



REVISION ISSUED	DATE	BY	COUNTY	SECTION	ROUTE NO.	FED. ROAD DIST. NO. & BLANKS	FED. AID PROJECT (JURISDICTION)	CONTRACT
PRELIMINARY REVIEW	10/08/19	AJR	BOND	18-0045 00-RS	FAU 9835			97720
FIELD BOOK		DRAWN BY		CHECKED BY		FILE LOCATION		SAVE DATE
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MILANO & GRUNLOH ENGINEERS, LLC 114 W. WASHINGTON AVE. PO BOX 887 EFFINGHAM, IL 62407 Phone: (217) 347-7262 (800) 677-2714 Email: mgenr@engr.com Web: www.mgenr.com Design Firm # 184-003108								
CROSS SECTIONS ELM STREET SECTION 18-0045-00-RS CITY OF GREENVILLE, ILLINOIS								
SHEET # 36 OF 37								
JOB # 18283								



REVISION ISSUED	DATE	BY	COUNTY	SECTION	ROUTE NO.	FIELD BOOK	MILANO & GRUNLOH ENGINEERS, LLC
PRE-FINAL REVIEW	10/08/19	AJR	BOND	18-0045 00-RS	FAU 9835	772, 776, 777	114 W. WASHINGTON AVE. PO BOX 887 EFFINGHAM, IL 62403 Phone: (217) 347-7262 (800) 677-2714 Email: mgenr@mgengineers.com Web: www.mgenr.com Design Firm # 184-003108
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CROSS SECTIONS		ELM STREET SECTION 18-0045-00-RS CITY OF GREENVILLE, ILLINOIS					
SHEET #		37 OF 37					
JOB #		18283					

