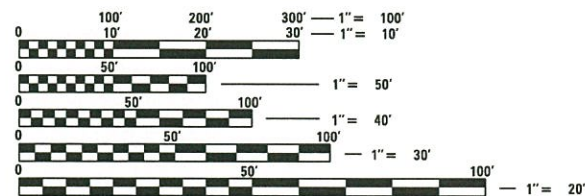


INDEX OF SHEETS

SHEET NO.	ITEM
1	COVER SHEET
2	GENERAL NOTES AND COMMITMENTS
3-5	SUMMARY OF QUANTITIES
6-7	TYPICAL SECTIONS
8-10	SCHEDULE OF QUANTITIES
11-12	PLAN AND PROFILE SHEETS
13	TRAFFIC CONTROL PLAN
14	EROSION CONTROL SHEET
15-16	DRAINAGE PLAN AND PROFILE SHEETS
17	REMOVAL SHEET
18-21	INTERSECTION DETAIL SHEETS
22-23	DITCH GRADING DETAILS
24	PAVEMENT MARKING & SIGNAGE SHEET
25-27	MISCELLANEOUS DETAILS
28-31	CROSS SECTION SHEETS

HIGHWAY STANDARDS

000001-07	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420001-09	PAVEMENT JOINTS
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424026-03	ENTRANCE /ALLEY PEDESTRIAN CROSSING
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
602301-04	INLET - TYPE A
602306-03	INLET - TYPE B
602401-06	PRECAST MANHOLE TYPE A 4' (1.22 m) DIAMETER
602601-06	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
604001-05	FRAME AND LIDS TYPE 1
604006-05	FRAME AND GRATE TYPE 3
604091-03	FRAME AND GRATE TYPE 24
606001-07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING FOR SPEEDS $\geq$ 45 MPH
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
780001-05	TYPICAL PAVEMENT MARKINGS
BLR21-9	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS



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.

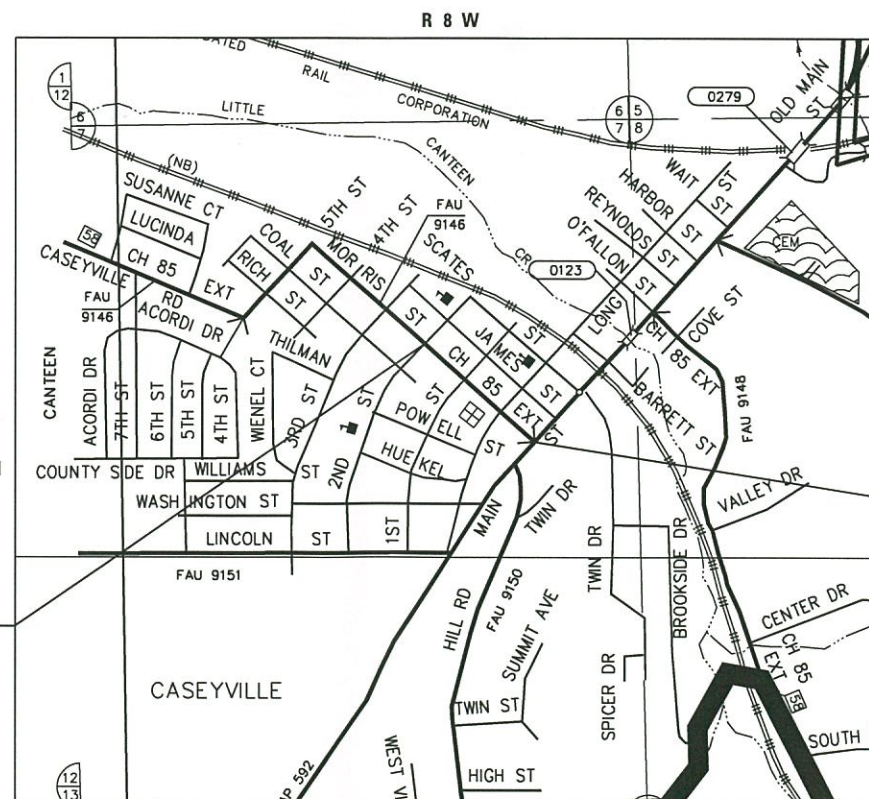
J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

BEGIN SECTION
STA. 19 + 59

SCALE IN FEET	
PLAN	1" = 20'
PROFILE HORIZ	1" = 20'
PROFILE VERT	1" = 5'
CROSS SECTION HORIZ	1" = 10'
CROSS SECTION VERT	1" = 5'

DESIGN DESIGNATION

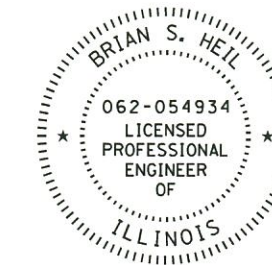
MORRIS STREET
ROADWAY CLASSIFICATION = MINOR COLLECTOR
DESIGN SPEED = 30 MPH
CURRENT ADT (2018) = 1,250
DESIGN YEAR ADT (2030) = 1,650



LOCATION MAP
(NOT TO SCALE)

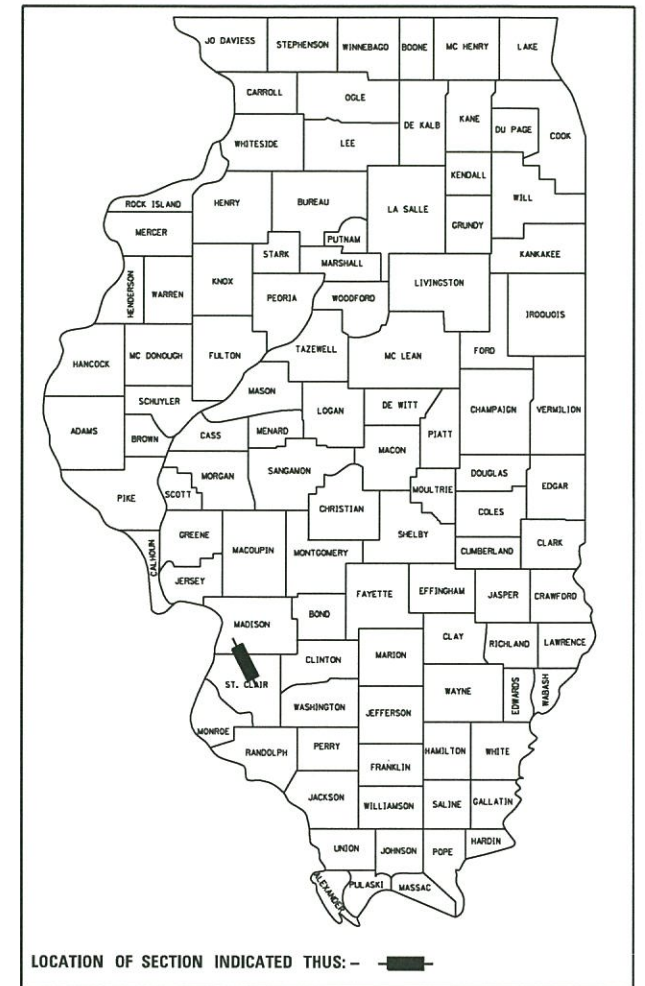
GROSS LENGTH = 1.102' = (0.209 MILES)
NET LENGTH = 1.102' = (0.209 MILES)

END SECTION
STA. 30 + 61



Brian Heil 4/23/20
BRIAN HEIL, P.E.
IL P.E. NO. 062-054934
LICENSE EXPIRES 11-30-2021

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9146	16-00019-00-RS	ST. CLAIR	31	1
FEDERAL AID PROJECT	ILLINOIS	CONTRACT NO. 97740		



STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	
APPROVED <i>[Signature]</i>	4-23-20 DATE
XXXX	MAYOR OF CASEYVILLE
PASSED <i>[Signature]</i>	May 28, 2020 DATE
DISTRICT 8 ENGINEER OF LOCAL ROADS & STREETS	
RELEASING FOR BID BASED ON LIMITED REVIEW	May 28, 2020 DATE
Keith Roberts REGION 5 ENGINEER	



Collinsville
100 Lanter Court, Suite 1
Collinsville, IL 62234
618.345.2200
Belleville
20 East Main Street
Belleville, IL 62200
618.416.4688
www.oatesassociates.com
ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115

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OF THE STATE OF ILLINOIS

GENERAL NOTES

UTILITIES

1. ABOVE-GROUND UTILITY FACILITIES OR APPURTENANCES SHALL BE RELOCATED OR ADJUSTED BY THEIR RESPECTIVE OWNERS TO PROVIDE A MINIMUM HORIZONTAL CLEARANCE OF 1.5 FEET, MEASURED FROM THE FACE OF CURB TO THE NEAR EDGE OF THE OBJECT.
2. ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE TO BE GIVEN TO ALL UTILITIES WITHIN THE PROJECT AREA BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-MEMBERS, THE COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

AT&T*
160 W DIVISION STREET
MARYVILLE, IL 62062
DARREN SIMMONS
(618) 346-6499

VILLAGE OF CASEYVILLE* (WATER & SEWER)
909 S MAIN STREET
CASEYVILLE, IL 62232
BRIAN RADER
(618) 344-1233

CHARTER COMMUNICATIONS* (COMMUNICATIONS)
815 CHARTER COMMONS
TOWN & COUNTRY, MO 63017
RICK GILREATH
(636) 346-7344

AMEREN ILLINOIS* (GAS & ELECTRIC)
1050 WEST BOULEVARD
BELLEVILLE, IL 62221
MICHAEL FULLER
(618) 236-4372

MEMBERS OF J.U.L.I.E. CALL TOLL FREE (800) 892-0123 OR 811 AND ARE INDICATED BY A ***. NON J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.

GENERAL

3. THE CONTRACTOR SHALL PROVIDE BLOCKOUTS IN THE PROPOSED SIDEWALK FOR PLACEMENT OF SIGN POSTS AND MAILBOX SUPPORTS, AS DIRECTED BY THE ENGINEER. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE FOR PORTLAND CEMENT CONCRETE SIDEWALK.
4. THE CONTRACTOR SHALL FERTILIZE, SEED AND MULCH ALL EARTH SURFACES DISTURBED BY CONSTRUCTION. FERTILIZER, SEEDING AND MULCH WITHIN THE CONSTRUCTION LIMITS WILL BE PAID FOR AS PROVIDED IN THE CONTRACT. FERTILIZER, SEEDING AND MULCH OUTSIDE THESE LIMITS WILL NOT BE MEASURED FOR PAYMENT. SEE THE SEEDING SCHEDULE FOR ESTIMATED PLAN QUANTITIES.
5. ALL EXISTING ROADWAY FEATURES INCLUDING, BUT NOT LIMITED TO, PAVEMENT, CURB, SIDEWALK, DRIVEWAY PAVEMENT, CULVERTS, HEADWALLS, LANDSCAPE, RIPRAP, AND GUARDRAIL, WHICH INTERFERE WITH THE PROPOSED CONSTRUCTION SHALL BE REMOVED BY THE CONTRACTOR UNLESS NOTED OTHERWISE ON THE PLANS. ALL FEATURES WHICH ARE TO BE REMOVED AND FOR WHICH THERE IS NO SPECIFIC PAY ITEM, WILL NOT BE MEASURED SEPARATELY FOR PAYMENT AND THE COST OF THIS REMOVAL WORK SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE FOR EARTH EXCAVATION.

EARTHWORK

6. EARTH EXCAVATION INCLUDES THE REMOVAL OF THE EXISTING BITUMINOUS (OIL & CHIP) ROADWAY SURFACE AND AGGREGATE BASE. THE CONTRACTOR MAY INCORPORATE THESE MATERIALS INTO THE PROPOSED EMBANKMENT. SURPLUS AND/OR UNSUITABLE MATERIAL SHALL BE DISPOSED OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION."
7. PRIOR TO STARTING EARTHWORK OPERATIONS IN AREAS THAT DO NOT REQUIRE EXCAVATION, THE EXISTING BITUMINOUS (OIL & CHIP) ROADWAY SURFACE SHALL BE SCARIFIED OR BROKEN BY MECHANICAL MEANS, REDUCING ALL PARTICLES TO A SIZE NOT LARGER THAN 4 INCHES IN THE LARGEST DIMENSION. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE FOR EARTH EXCAVATION.

PAVING

8. AT VARIOUS LOCATIONS, IT MAY BE NECESSARY TO TRANSITION PROPOSED COMBINATION CONCRETE CURB AND GUTTER TO MEET EXISTING CONDITIONS. THE MINIMUM LENGTH OF TRANSITIONAL COMBINATION CURB AND GUTTER SHALL BE 10 FEET, UNLESS DIRECTED OTHERWISE BY THE ENGINEER.
9. AREAS SHOWING DEPRESSED CURB SHALL BE MEASURED AND PAID FOR AT THE CONTRACT UNIT PRICE FOR COMBINATION CURB AND GUTTER, TYPE B.6-24.

DRAINAGE

10. STORM SEWER INVERTS SHOWN ON THE PLANS HAVE BEEN CALCULATED TO THE CENTER OF THE STRUCTURE. THE STORM SEWER SLOPES SHOWN ON THE PLANS ARE THE PERCENT GRADE FROM CENTER TO CENTER OF STRUCTURE. THE LENGTH OF STORM SEWERS SHOWN ON THE PLANS IS THE DISTANCE FROM CENTER TO CENTER OF STRUCTURE. STORM SEWER WILL BE MEASURED AND PAID FOR AS SPECIFIED IN ARTICLES 550.09 AND 550.10 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION." FLARED END SECTIONS ARE LOCATED BY STATION, OFFSET AND FLOWLINE ELEVATION AT THE FLARED END OF THE FLARED END SECTION.

11. STORM SEWERS AND CULVERTS MAY HAVE MINIMAL DEPTH BELOW THE MODIFIED SOIL LAYER. THE CONTRACTOR SHALL TAKE WHATEVER PRECAUTIONS ARE NECESSARY TO PROTECT THE PIPES FROM DAMAGE DURING THE SOIL MODIFICATION PROCESS. IN THE EVENT THAT PIPES ARE DAMAGED, THEY SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER. ALL COSTS INCURRED TO REPAIR OR REPLACE DAMAGED PIPES SHALL BE AT THE CONTRACTOR'S EXPENSE.
12. THE OFFSETS TO ALL INLETS AND MANHOLES ARE GIVEN TO THE CENTER OF THE OPENING AT THE BASE OF THE FRAME AND GRATE OR LID. CONCENTRIC DRAINAGE STRUCTURES WERE ASSUMED WHEN CALCULATING THESE DIMENSIONS.
13. ALL TYPE 3 FRAMES AND GRATES SHALL BE FURNISHED BY THE CONTRACTOR WITH TYPE 3 GRATES AND OPEN CURB BOXES. SEE HIGHWAY STANDARD 604006 AND THE SPECIAL PROVISIONS FOR DETAILS.
14. ALL DRAINAGE STRUCTURES CONSTRUCTED, ADJUSTED OR RECONSTRUCTED UNDER THE CONTRACT, SHALL BE CLEANED OF ANY ACCUMULATION OF SILT, DEBRIS OR FOREIGN MATTER AT THE END OF EACH WORKING DAY AND AT THE TIME OF FINAL INSPECTION. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE FOR THE VARIOUS DRAINAGE STRUCTURE ITEMS INCLUDED IN THE CONTRACT.

PAVEMENT MARKING

15. A QUANTITY FOR TEMPORARY PAVEMENT MARKING EQUAL TO THE AMOUNT OF PERMANENT PAVEMENT MARKING HAS BEEN INCLUDED IN THE PLANS IN THE EVENT THE PERMANENET PAVEMENT MARKINGS ARE UNABLE TO BE INSTALLED DUE TO WEATHER RESTRICTIONS. ONCE WEATHER CONDITIONS ALLOW FOR THE PERMANENT PAVEMENT MARKING INSTALLATION.. THE TEMPORARY PAVEMENT MARKINGS SHALL BE REMOVED UTILIZING THE PAY ITEM FOR TEMPORARY PAVEMENT MARKING REMOAAVAL.
16. THE PAVEMENT MARKING LOCATIONS SHOWN IN THE PLANS ARE APPROXIMATE. PROPOSED CROSSWALKS AND STOP BARS SHALL BE ADJUSTED AS DIRECTED BY THE ENGINEER, IF NECESSARY, TO MATCH FIELD CONDITIONS.

APPROXIMATE QUANTITIES, SYMBOLS & ABBREVIATIONS

17. THE FOLLOWING ITEMS AND APPROXIMATE QUANTITIES ARE INCLUDED IN THE "SUMMARY OF QUANTITIES" IN ORDER TO ESTABLISH A UNIT COST FOR WORK WHICH MAY BE REQUIRED TO CONSTRUCT THIS SECTION. THE ACTUAL QUANTITY OF EACH ITEM SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

AGGREGATE FOR TEMPORARY ACCESS 50 TON

18. THE FOLLOWING SYMBOLS AND ABBREVIATIONS SUPPLEMENT OR SUPERCEDE HIGHWAY STANDARD 000001:

	FLARED END SECTION
BO	BY OTHERS (USED IN CONJUNCTION WITH TBA & TBR)
CONSTR	CONSTRUCTION
CP	CONTROL POINT
DND	DO NOT DISTURB
ESMT	EASEMENT
FH	FIRE HYDRANT
ELEV	ELEVATION
K	LENGTH OF VERTICAL CURVE PER PERCENT GRADE DIFFERENCE
N/F	NOW OR FORMERLY
O/C	OIL AND CHIP
PERM	PERMANENT
PP	POWER POLE
PVI	POINT OF VERTICAL INTERSECTION
PVC	POLYVINYL CHLORIDE PIPE
RG	RUBBER GASKET
TCE	TEMPORARY CONSTRUCTION EASEMENT
TBA	TO BE ADJUSTED
TBR	TO BE REMOVED
TBRL	TO BE RELOCATED
TYP	TYPICAL
W	WIDTH

EMERGENCY CONTACTS FOR ROAD CLOSURE

CASEYVILLE POLICE DEPARTMENT CHIEF TOM COPPOTELLI 618-344-2151 EXT 113	CASEYVILLE FIRE DEPARTMENT 618-344-6703	EMS SERVICES MEDSTAR AMBULANCE 618-443-5061
CASEYVILLE ELEMENTARY SCHOOL 618-346-6205	CASEYVILLE POST OFFICE 618-344-4594	

COMMITMENTS

NONE

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File Name: I:\00111007\Microstation\Sheet\0011007-Sht-Gen_Notes.dgn



ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115

USER NAME = b,heil	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 4/22/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES AND COMMITMENTS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9146	16-00019-00-RS	ST. CLAIR	31	2
		CONTRACT NO. 97740		
		ILLINOIS	FED. AID PROJECT	

SI	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY
*		20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	54
	*	20200100	EARTH EXCAVATION	CU YD	465
	*	20800150	TRENCH BACKFILL	CU YD	216
		21400100	GRADING AND SHAPING DITCHES	FOOT	295
	*	25000110	SEEDING, CLASS 1A	ACRE	0.5
		25000400	NITROGEN FERTILIZER NUTRIENT	POUND	45
		25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	45
		25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	45
		25100115	MULCH, METHOD 2	ACRE	0.5
		28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	100
		28000305	TEMPORARY DITCH CHECKS	FOOT	55
		28000500	INLET AND PIPE PROTECTION	EACH	31
	*	28100105	STONE RIPRAP, CLASS A3	SQ YD	8
		28200200	FILTER FABRIC	SQ YD	8

SI	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY
	*	30200650	PROCESSING MODIFIED SOIL 12"	SQ YD	4,513
		30201700	PORTLAND CEMENT	TON	115
		35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	365
		40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	40
		40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	50
		40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	8,374
		40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	1,675
		40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	938
		40604052	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	TON	313
		40800029	BITUMINOUS MATERIALS (TACK COAT)	POUND	182
		40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	89
		42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	319
		42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	4,043
	*	42400800	DETECTABLE WARNINGS	SQ FT	192

NOTES: SP - SEE PROJECT SPECIFIC SPECIAL PROVISIONS
SI - SPECIALTY ITEM

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 OATES ASSOCIATES www.oatesassociates.com ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115	USER NAME = b.heil	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.U. RTE. 9146	SECTION 16-00019-00-RS	COUNTY ST. CLAIR	TOTAL SHEETS 31	SHEET NO. 3
	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -										
	PLOT DATE = 4/28/2020	CHECKED -	REVISED -		SCALE: SHEET 1 OF 3 SHEETS STA. TO STA.				WEST MORRIS STREET CONTRACT NO. 97740				
		DATE -	REVISED -						ILLINOIS FED. AID PROJECT				

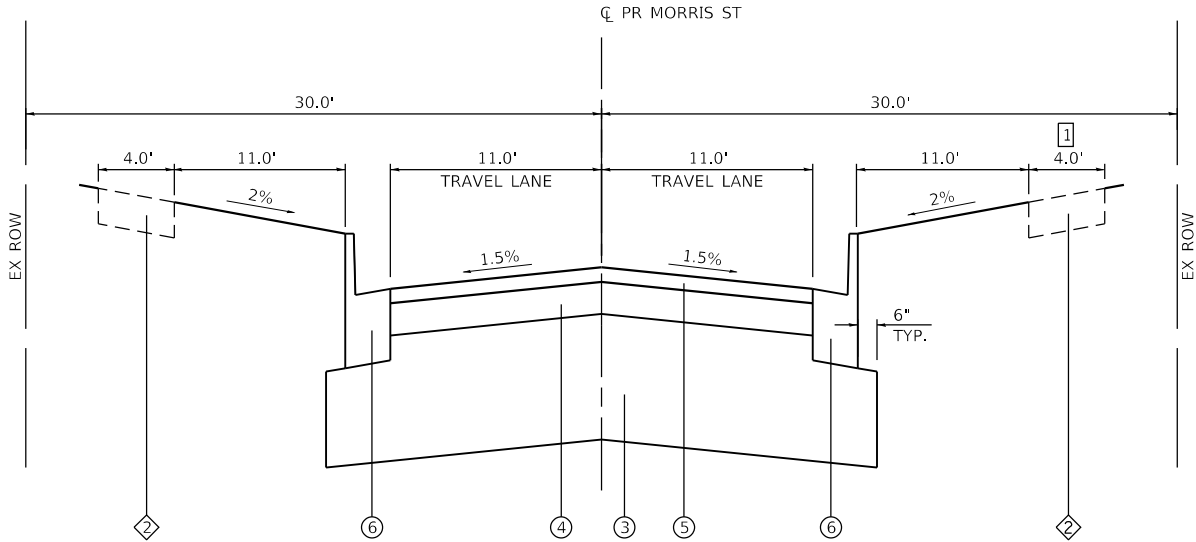
SI	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY
		44000100	PAVEMENT REMOVAL	SQ YD	242
		44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	155
		44000600	SIDEWALK REMOVAL	SQ FT	2,748
		50105220	PIPE CULVERT REMOVAL	FOOT	455
	*	50901760	PIPE HANDRAIL	FOOT	50
		52200700	PRECAST MODULAR RETAINING WALL	SQ FT	148
		54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	6
		54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	1
		54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	EACH	1
		542C0217	PIPE CULVERTS, CLASS C, TYPE 1 12"	FOOT	45
		542C0235	PIPE CULVERTS, CLASS C, TYPE 1 30"	FOOT	17
		550A4000	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 18"	FOOT	82
		550A4100	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 24"	FOOT	195
		550B2320	STORM SEWERS, RUBBER GASKET, CLASS B, TYPE 1 12"	FOOT	749

SI	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY
		550B2360	STORM SEWERS, RUBBER GASKET, CLASS B, TYPE 1 24"	FOOT	207
		550B2380	STORM SEWERS, RUBBER GASKET, CLASS B, TYPE 1 30"	FOOT	54
		60218500	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 3 FRAME AND GRATE	EACH	1
		60234200	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	EACH	1
	*	60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	9
		60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	1
		60240210	INLETS, TYPE B, TYPE 1 FRAME, OPEN LID	EACH	1
		60240220	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	EACH	2
		60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	3,186
		67100100	MOBILIZATION	L SUM	1
		70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	230
		70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	569
		70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	139
*		72000100	SIGN PANEL - TYPE 1	SQ FT	132.3

NOTES: SP - SEE PROJECT SPECIFIC SPECIAL PROVISIONS
SI - SPECIALTY ITEM

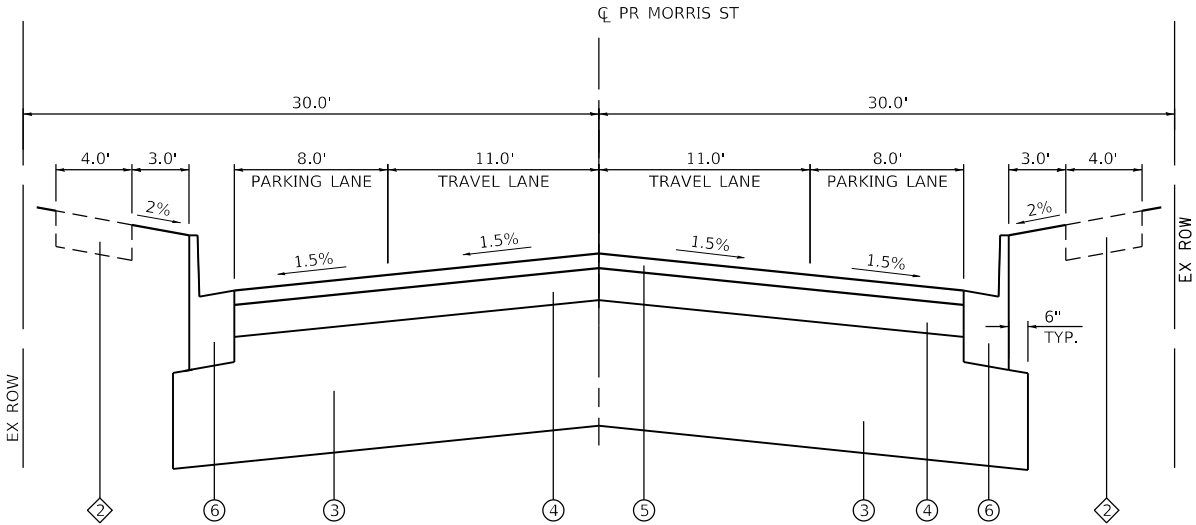
TYPICAL SECTION LEGEND

- 1 EXISTING OIL AND CHIP SURFACE
- 2 EXISTING SIDEWALK
- 3 PROPOSED CEMENT MODIFIED SOIL, 12"
- 4 PROPOSED HMA BINDER, IL-19.0 N70, 4 1/2"
- 5 PROPOSED HMA SURFACE, IL-9.5, MIX "C" N70, 1 1/2"
- 6 PROPOSED COMB CONC CURB AND GUTTER TYPE B-6.24
- 7 PROPOSED DEPRESSED CONCRETE CURB AND GUTTER TYPE B-6.24
- 8 PROPOSED COMB CONC CURB AND GUTTER TYPE B-6.24 WITH INVERTED GUTTER PAN



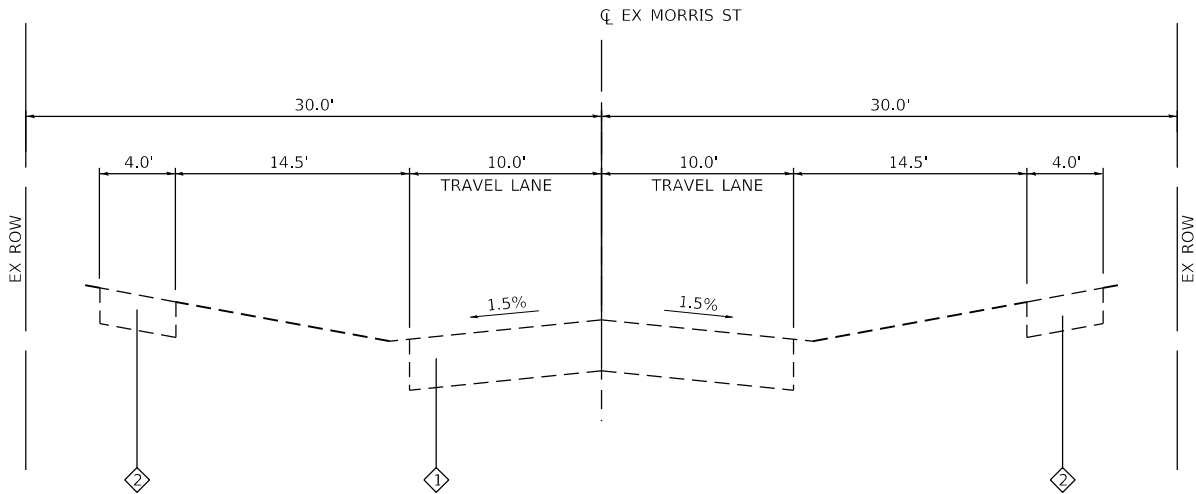
PROPOSED MORRIS STREET

STA 19+59 TO STA 20+84
STA 21+74 TO STA 22+06
STA 22+75 TO STA 24+10
STA 25+54 TO STA 25+86
STA 27+19 TO STA 29+48
STA 30+17 TO STA 30+61



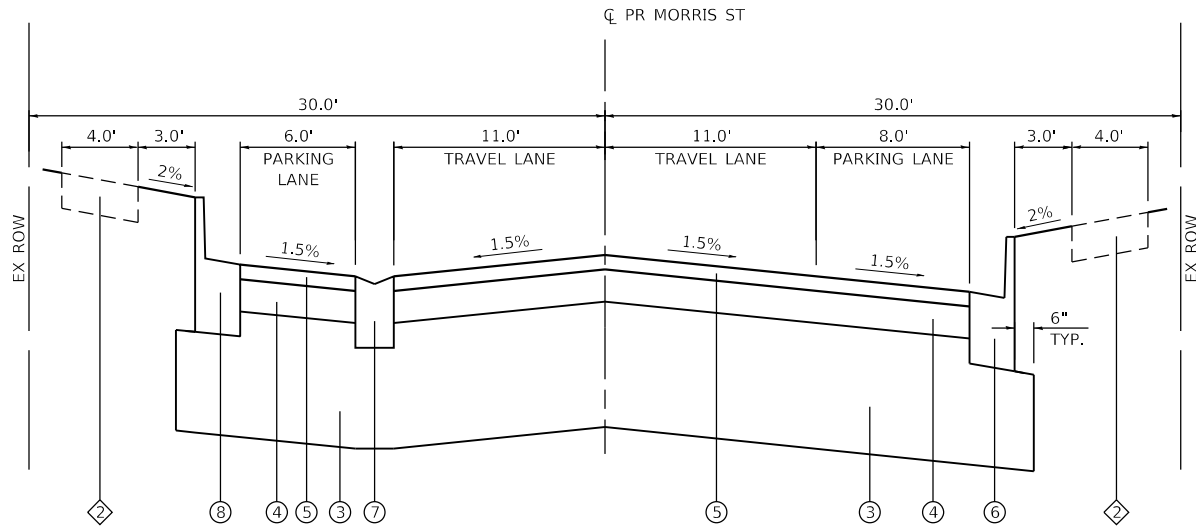
PROPOSED MORRIS STREET

STA 22+06 TO STA 22+75
STA 25+86 TO STA 26+35
STA 26+71 TO STA 27+19



EXISTING MORRIS STREET

STA 19+59 TO STA 30+61



PROPOSED MORRIS STREET

STA 20+84 TO STA 21+74

TYPICAL SECTION NOTES

- 1 NO SIDEWALK FROM STA 27+78 TO STA 30+48.5
PR SIDEWALK TO BE INSTALLED.

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DRAWN	-	REVIS	-	REVISED	-
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PLOT DATE	= 4/14/2020	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9146	16-00019-00-RS	ST. CLAIR	31	6
CONTRACT NO. 97740				
ILLINOIS FED. AID PROJECT				

TYPICAL SECTION LEGEND

- 1 EXISTING OIL AND CHIP SURFACE
- 2 EXISTING SIDEWALK
- 3 PROPOSED CEMENT MODIFIED SOIL, 12"
- 4 PROPOSED HMA BINDER, IL-19.0 N70, 4½"
- 5 PROPOSED HMA SURFACE, IL-9.5, MIX "C" N70, 1½"
- 6 PROPOSED COMB CONC CURB AND GUTTER TYPE B-6.24
- 7 PROPOSED DEPRESSED CONCRETE CURB AND GUTTER TYPE B-6.24
- 8 PROPOSED COMB CONC CURB AND GUTTER TYPE B-6.24 WITH INVERTED GUTTER PAN

STRUCTURAL DESIGN TRAFFIC:YEAR: 2030

PV = 1,584SU = 33MU = 33

ROAD/STREET CLASSIFICATION:CLASS: III

PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:

P = 96%S = 2%M = 2%

TRAFFIC FACTOR:ACTUAL = 0.17

MIN = 0.5

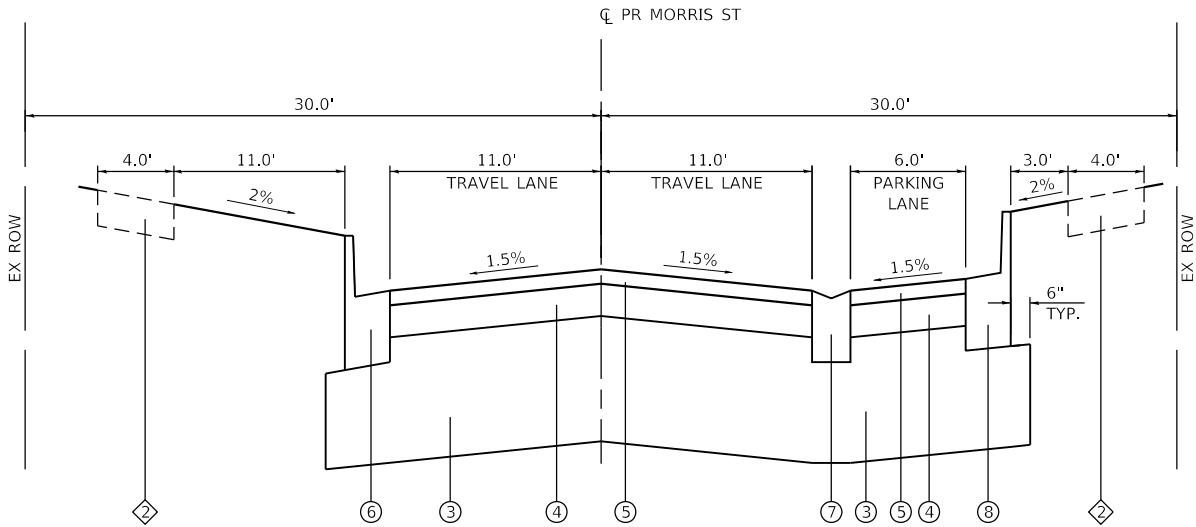
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STRUCTURAL SUPPORT RATING:

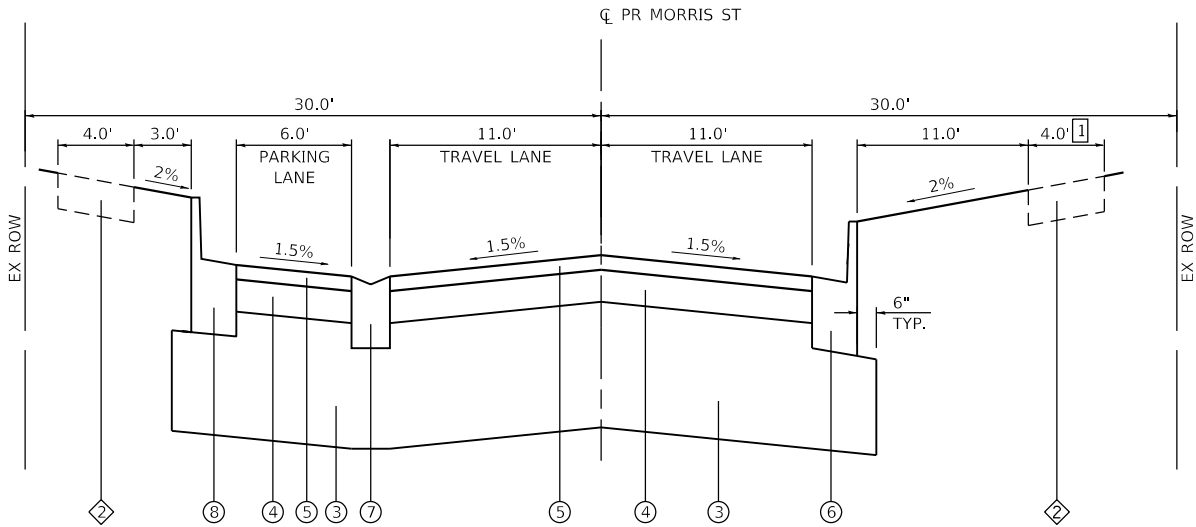
SSR = POOR

MIXTURES TABLE

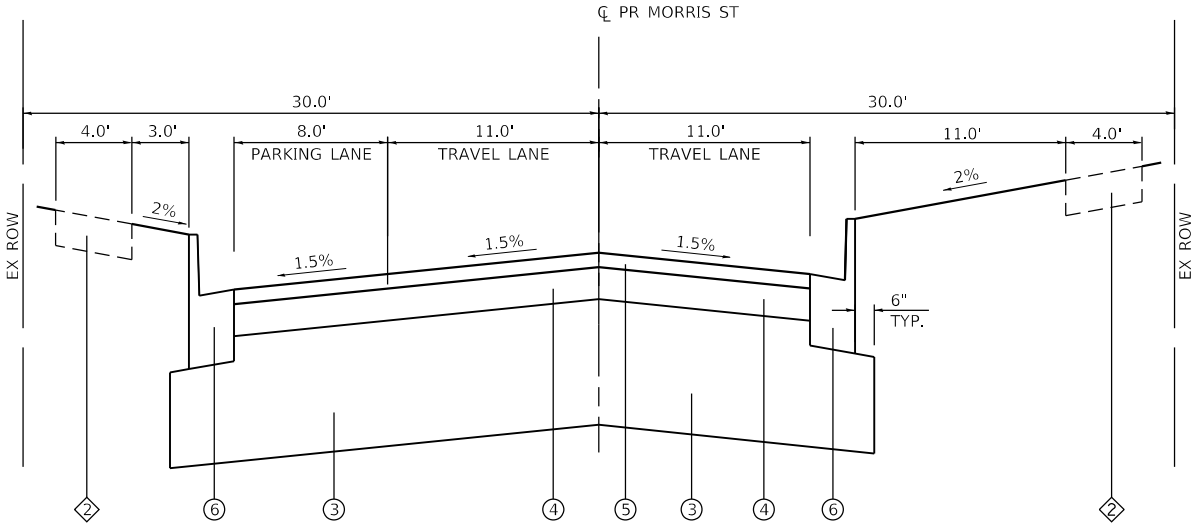
MIXTURE USE	SURFACE	BINDER	INCIDENTAL SURFACING
THICKNESS	1.5"	4.5"	4"
AC/PG	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)	SEE BDE SPECIAL PROVISIONS	SEE BDE SPECIAL PROVISIONS	SEE BDE SPECIAL PROVISIONS
DESIGN AIR VOIDS	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=70
MIX COMPOSITION	IL-9.5	IL-19.0	IL-9.5
FRICITION AGG	MIXTURE "C"		MIXTURE "C"



PROPOSED MORRIS STREET
STA 24+81 TO STA 25+54



PROPOSED MORRIS STREET
STA 24+10 TO STA 24+81
STA 29+48 TO STA 30+17



PROPOSED MORRIS STREET
STA 26+35 TO STA 26+71

TYPICAL SECTION NOTES

- 1 NO SIDEWALK FROM STA 27+78 TO STA 30+48.5
PR SIDEWALK TO BE INSTALLED.

Model: Default
File Name: I:\0011007\Microstation\Sheets\08.11007-sh-typical.dgn



USER NAME = matt.fields	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 4/14/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9146	16-00019-00-RS	ST. CLAIR	31	7
CONTRACT NO. 97740				
ILLINOIS FED. AID PROJECT				

SIGN

STATION	OFFSET	DESCRIPTION	SIZE (FT X FT)	SIGN PANEL T1 (SQ FT)	REMOV SIN PAN ASSY TA (EACH)	TELES STL SIN SUPPORT (FOOT)
19+62	RT	R1-1	30 X 30	6.3		15.5
19+77	LT				1	
19+77	RT				1	
19+83	LT	D3-1 MORRIS	36 X 9	2.3		17.0
		D3-1 2ND	36 X 9	2.3		
		R1-1	30 X 30	6.3		
19+83	LT				1	
20+12	RT				1	
20+16	RT	R1-1	30 X 30	6.3		15.5
20+27	LT				1	
20+33	LT	R1-1	30 X 30	6.3		15.5
20+50	RT	R2-1	24 X 30	5		15.5
20+82	RT	R7-1R	12 X 18	1.5		14.5
20+83	LT	R7-1L	12 X 18	1.5		14.5
22+72	LT	R7-1R	12 X 18	1.5		14.5
22+77	RT	R7-1L	12 X 18	1.5		14.5
23+27	LT				1	
23+49	RT	W11-2	30 X 30	6.3		17.5
		W16-7P	24 X 12	2.0		
23+57	LT				1	
23+63	LT				1	
23+64	LT	D3-1 MORRIS	36 X 9	2.3		17.0
		D3-1 2ND	36 X 9	2.3		
		R1-1	30 X 30	6.3		
23+96	RT				1	
23+97	RT	R1-1	30 X 30	6.3		15.5
24+11	LT	W11-2	30 X 30	6.3		17.5
		W16-7P	24 X 12	2.0		
24+13	RT	R7-1L	12 X 18	1.5		14.5
25+06	LT	R7-1R	12 X 18	1.5		14.5
25+39	RT				1	
25+53	LT	R7-1L	12 X 18	1.5		14.5
26+95	RT	R7-8	12 X 18	1.5		14.5
27+00	LT				1	
27+15	RT	R1-1	30 X 30	6.3		15.5
27+21	RT				1	
27+34	LT	D3-1 MORRIS	36 X 9	2.3		17.0
		D3-1 2ND	36 X 9	2.3		
		R1-1	30 X 30	6.3		
27+35	LT				1	
27+66	RT	R1-1	30 X 30	6.3		15.5
27+72	RT				1	
27+79	LT				1	
27+83	RT	R7-1L	12 X 18	1.5		14.5
27+84	LT	R1-1	30 X 30	6.3		15.5
28+02	LT				1	
28+03	RT				1	
28+26	LT	R2-1	24 X 30	5		15.5
28+70	LT	R7-1L	12 X 18	1.5		14.5
29+15	RT	R7-1B	12 X 18	6.3		14.5
30+08	RT				1	
30+09	RT	R7-1R	12 X 18	1.5		14.5
30+16	LT				1	
30+26	RT				1	
30+35	RT	R1-1	30 X 30	1.5		17.0
		D3-1 MORRIS	36 X 9	2.3		
		D3-1 S MAIN ST	36 X 9	2.3		
30+40	RT				1	
TOTAL:				132.3	21	416.5

PAVEMENT MARKING

STATION	STATION	OFFSET	TEMP PVT MK LINE 4 (FOOT)	TEMP PVT MK LINE 6 (FOOT)	TEMP PVT MK LINE 12 (FOOT)	THPL PVT ML LTR & SYM (SQ FT)	THPL PVT MK LINE 4 (YELLOW) (NOTE 1) (FOOT)	THPL PVT MK LINE 6 (WHITE) (NOTE 1) (FOOT)	THPL PVT MK LINE 12 (WHITE) (NOTE 1) (FOOT)	TEMP PAVT MKING REMOV (SQ FT)
19+59	30+61	CL	230				230			92.0
19+62		RT			11				11	11.0
19+67		LT/RT		22				22		11.0
19+73		LT/RT		23				23		11.5
19+87	20+13	LT		25				25		12.5
19+87	20+13	RT		25				25		12.5
19+89	20+11	LT		22				22		11.0
19+89	20+11	RT		22				22		11.0
19+89	20+00	LT			11				11	11.0
20+00	20+11	RT			11				11	11.0
20+21		LT/RT		27				27		13.5
20+28		LT/RT		23				23		11.5
20+32		LT			11				11	11.0
23+50		LT/RT		22				22		11.0
23+57		LT/RT		25				25		12.5
23+68	23+93	LT		25				25		12.5
23+68	23+93	RT		25				25		12.5
23+69	23+91	LT		22				22		11.0
23+69	23+91	RT		22				22		11.0
23+69	23+80	LT			11				11	11.0
23+80	23+91	RT			11				11	11.0
24+03		LT/RT		26				26		13.0
24+10		LT/RT		22				22		11.0
26+95		RT				3.1				
27+15		RT			11				11	11.0
27+21		LT/RT		22				22		11.0
27+27		LT/RT		25				25		12.5
27+37	27+63	RT		26				26		13.0
27+38	27+63	LT		25				25		12.5
27+39	27+62	LT		22				22		11.0
27+39	27+61	RT		22				22		11.0
27+39	27+50	LT			11				11	11.0
27+50	27+61	RT			11				11	11.0
27+72		LT/RT		27				27		13.5
27+79		LT/RT		22				22		11.0
27+83		LT			11				11	11.0
30+50		RT			29				29	29.0
TOTAL			230	569	139	3.1	230	569	139	515.5

PAVEMENT MARKING NOTES:

1. SEE HIGHWAY STANDARD 780001 FOR PAVEMENT MARKING DETAILS.

EROSION CONTROL

STATION	STATION	OFFSET	TEMP EROS CONTR SEED (NOTE 1) (POUND)	TEMP DITCH CHECKS (FOOT)	INLET & PIPE PROTECTION (EACH)
MORRIS STREET					
19+58	30+61	LT/RT	100		31
29+80	30+20	RT		10	
2ND STREET					
0+00	1+60	LT		27	
1ST STREET					
0+00	2+00	RT		18	
TOTAL			100	55	31

EROSION CONTROL NOTES:

1. THE QUANTITY FOR TEMPORARY EROSION CONTROL SEEDING ASSUMES TWO SEPARATE APPLICATIONS AT A RATE OF 100 POUNDS/ACRE PER APPLICATION. THE CONTRACTOR SHALL APPLY AS NECESSARY AND AS DIRECTED BY THE ENGINEER IN THE FIELD.

CURB & GUTTER

STATION	STATION	OFFSET	COMB CC&G TB6.24 (FOOT)
19+66	19+86	RT	36
19+67	19+86	LT	36
20+11	23+69	LT	750
20+13	23+69	RT	610
23+91	27+39	RT	488
23+91	27+39	LT	580
27+61	30+52	RT	312
27+61	30+51	LT	374
TOTAL			3,186

MODEL Default
FILE Name: I:\B11007MicroStation\Sheets\08-11007-Sign-Schedule.dgn



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ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115

USER NAME = matt.fields	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 4/14/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9146	16-00019-00-RS	ST. CLAIR	31	8
WEST MORRIS STREET		CONTRACT NO. 97740		
		ILLINOIS	FED. AID PROJECT	

DRAINAGE

STATION	OFFSET	STATION	OFFSET	TRENCH BACKFILL	GRADING & SHAP DITCH	STONE RIPRAP CL A3	FILTER FABRIC	PIPE CULVERT REMOV	PRC FLAR END SEC 12	PRC FLAR END SEC 18	PRC FLAR END SEC 30	P CUL CL C 1 12	P CUL CL C 1 30	SS CL A EQRS 18	SS CL A EQRS 24	SS RG CL B 1 12	SS RG CL B 1 24	SS RG CL B 1 30	PIPE TEE CL B 12 12 RISE	PIPE TEE CL B 24 12 RISE	MAN TA 4 DIA T3F&G	INLETS TA T1F OL	INLETS TA T3F&G	INLETS TA T24F&G	INLETS TB T1F OL	INLETS TB T3F&G	INLETS SPL	ABANDON EX CULVERT	CONN TO EXIST SEWER		
				(CU YD)	(FOOT)	(SQ YD)	(SQ YD)	(FOOT)	(EACH)	(EACH)	(EACH)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	
MORRIS STREET																															
19+80	LT	19+80	LT	1					1							14															
19+80	LT	19+80	RT	1				35								41												1			
19+80	RT	19+82	RT	1					1							14												1			
20+15	RT	20+16	LT					34																							
20+18	LT	20+19	LT	1					1							18															
20+19	LT	20+19	RT	9												34												1			
20+19	RT	20+18	RT	3					1							17												1			
20+19	RT	20+99	RT	5												81											1				
20+99	RT	21+59	RT	13												60								1							
22+60	RT	22+77	LT	7												40							1								
22+77	LT	23+60	LT	6												83												1			
23+60	LT	23+60	RT	1				32						41														1			
23+60	RT	23+63	RT	6							1							14										1			
23+60	RT	24+00	RT	14														40													
23+63	LT	23+60	LT	17					1							18															
23+99	LT	24+00	LT	1						1						12															
24+00	LT	24+00	RT	9				32						41														1			
24+00	LT	24+40	LT	8												40								1							
24+00	RT	24+40	RT	4													48											1			
24+40	LT	24+50	LT	2												10								1							
24+40	RT	24+50	RT	2													10							1							
24+40	RT	24+40	RT	2												7				1											
24+50	LT	24+60	LT	2												10								1							
24+50	RT	24+60	RT	2													10							1							
24+50	RT	24+50	RT	2												7				1											
24+60	RT	26+01	RT	39													139							1							
24+60	RT	24+60	RT	2												7				1											
25+65	RT																						1								
26+01	LT	26+01	RT	9												40								1							
26+01	RT	26+50	RT	7												47					1										
26+50	LT	26+50	RT	8				49								40									1						
26+50	RT	26+86	RT	2												34			1												
26+86	RT	27+30	LT	13												61											1	1			
27+69	LT	27+70	LT	2											58											1					
27+30	LT	27+31	LT	1					1							14															
27+70	LT	27+70	RT	11											41													1			
27+70	RT	27+72	RT	3											96													1		1	
27+80	LT	27+78	RT					36																							
30+23	RT																												1		
2ND STREET																															
1+06	LT	1+49	LT		115			25				45																			
1ST STREET																															
2+22	RT	2+39	RT		180	8	8	17					17																		
TOTAL				216	295	8	8	455	6	1	1	45	17	82	195	749	207	54	1	3	1	1	9	1	1	2	12	1	1		

RETAINING WALL

STATION	STATION	OFFSET	PIPE HANDRAIL (FOOT)	PRECAST MOD RET WALL (SQ FT)
29+91	30+25	RT	50	148
TOTAL			50	148

EARTHWORK

STATION	STATION	EARTH EXCAVATION (CU YD)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (NOTE 1) (CU YD)	EMBANKMENT (NOTE 2) (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (NOTE 3) (CU YD)
19+58	30+61	465	350	100	250
TOTAL		465	350	100	250

- EARTHWORK NOTES:
- ESTIMATED SHRINKAGE FACTOR = 25%.
 - APPROXIMATE EMBANKMENT QUANTITY IS SHOWN FOR INFORMATION ONLY.
 - APPROXIMATE EARTHWORK BALANCE IS SHOWN FOR INFORMATION ONLY.

TREE REMOVAL

STATION	OFFSET	TREE REMOV OVER 15 (UNIT)
28+49	RT	54
TOTAL		54

MODEL Default
FILE Name: I:\0011007\Microstation\Sheets\08-11007-Sht-Schedule.dgn



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ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115

USER NAME = b,hell	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 4/28/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9146	16-00019-00-RS	ST. CLAIR	31	9
CONTRACT NO. 97740				
		ILLINOIS	FED. AID PROJECT	

SEEDING

STATION	STATION	OFFSET	SEEDING CL 1A	NITROGEN FERT NUTR (NOTE 1)	PHOSPHORUS FERT NUTR (NOTE 1)	POTASSIUM FERT NUTR (NOTE 1)	MULCH METHOD 2 (NOTE 1)
			(ACRE)	(POUND)	(POUND)	(POUND)	(ACRE)
19+58	30+61	LT/RT	0.5	45	45	45	0.5
TOTAL			0.5	45	45	45	0.5

PAVEMENT

STATION	STATION	OFFSET	PROCESS MOD SOIL 12	PORTLAND CEMENT	AGG SURF CSE B	BIT MATLS PR CT	BIT MATLS TACK CT	HMA BC IL-19.0 N70	HMA SC IL-9.5 C N70	BIT MATLS TACK CT	INCIDENTAL HMA SURF	PAVEMENT REM
			(SQ YD)	(NOTES 1, 2, & 3) (TON)	(NOTE 1 & 2) (TON)	(NOTE 1) (POUND)	(NOTE 1) (POUND)	(NOTE 1 & 2) (TON)	(NOTE 1 & 2) (TON)	(NOTE 1) (POUND)	(NOTE 1) (TON)	(SQ YD)
MORRIS STREET												
19+59	23+80	LT/RT	1,776	45		3,255	651	365	122			
19+59	19+67	LT/RT										
19+59	19+67	LT/RT								8	4	
19+88	20+11	LT								21	11	
19+89	20+11	RT								23	10	
21+82	21+99	LT								8	5	
21+82	21+99	RT								10	4	
23+69	23+91	LT								21	10	
23+69	23+91	RT								22	11	
23+80	27+50	LT/RT	1,583	40		2,931	586	328	109			
25+62	25+79	LT								17	4	
25+62	25+79	RT								7	8	
27+37	27+61	LT								23	11	
27+39	27+61	RT								22	11	
27+50	30+61	LT/RT	1,154	29		2,188	438	245	82			
30+00	30+61	LT/RT										242
21+90		LT/RT			15							
2ND STREET												
1+40		LT			15							
1ST STREET												
2+25		RT			10							
TOTAL			4,513	115	40	8,374	1,675	938	313	182	89	242

PAVEMENT NOTES:

1.

APPLICATION RATES USED FOR QUANTITY ESTIMATES ARE AS FOLLOWS:
HOT-MIX ASPHALT: 0.056 TON/SQ YD/INCH THICKNESS
TACK COAT: 0.025 LBS/SQ FT
PRIME COAT: 0.25 LBS/SQ FT
AGG SURF CSE: 2.1 TON/CU YD
CEMENT: 119.6 LBS/CU FT
2.

ASSUMED THICKNESSES USED FOR QUANTITY ESTIMATES ARE AS FOLLOW:
SURFACE COURSE: 1.5 INCHES
BINDER COURSE: 4.5 INCHES
AGG SURF CSE: 6 INCHES
PROCESS MOD SOIL 12 INCHES
3.

SOIL DENSITY ASSUMED TO BE 95% COMPACTION.
ASSUMED QUANTITY OF CEMENT = 5%

SIDEWALK

STATION	STATION	OFFSET	PC CONC SIDEWALK 4 (NOTE 1)	DETECTABLE WARNINGS (NOTE 1)	SIDEWALK REM
			(SQ FT)	(SQ FT)	(SQ FT)
19+68	19+96	LT	155	16	158
19+68	19+98	RT	160	16	118
20+14	20+37	LT	175	16	181
20+14	20+34	RT	126	16	143
21+74	22+06	LT	80		131
22+84	23+06	RT	40		87
22+86	23+12	LT	40		103
23+42	23+67	LT	190	16	175
23+42	23+67	RT	192	16	175
23+94	24+19	LT	187	16	138
23+94	24+18	RT	188	16	135
25+35	26+06	RT	237		277
26+72	27+37	RT	354	16	285
27+12	27+37	LT	187	16	126
27+64	27+88	LT	181	16	133
27+64	28+82	RT	699	16	
28+71	29+50	LT	100		328
29+04	30+34	RT	752		55
TOTAL			4,043	192	2,748

SIDEWALK NOTES:

1.

SIDEWALK RAMPS ACCESSIBLE TO THE DISABLED ARE REQUIRED.
SEE PLAN SHEETS FOR LOCATIONS AND TYPES.
SEE CONSTRUCTION DETAILS SHEET AND HIGHWAY STANDARD 424001 FOR CURB RAMP DETAILS.
2.

PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL CONTACT EACH PROPERTY OWNER AND VERIFY THE LOCATION AND WIDTH OF ALL APPROACH SIDEWALKS.

ENTRANCE

STATION (NOTE 1)	OFFSET	AGG BASE CSE B 4	PCC DRIVEWAY PAVT 6 (NOTE 2)	DRIVEWAY PAVEMENT REM
		(SQ YD)	(SQ YD)	(SQ YD)
21+90	RT	20	17	27
21+90	LT	25	21	
22+95	RT	25	22	20
22+99	LT	31	28	
24+58	RT	39	34	
24+91	LT	29	25	
25+70	LT	25	16	16
25+70	RT	19	21	
28+85	LT	36	32	
28+93	RT	43	38	52
29+06	LT	26	22	
29+33	LT	47	43	40
TOTAL		365	319	155

ENTRANCE NOTES:

1.

PRIOR TO CONSTRUCTION, THE ENGINEER WILL CONTACT EACH PROPERTY OWNER AND VERIFY THE LOCATION AND WIDTH OF ALL ENTRANCES. THE CONTRACTOR SHALL CONFIRM THE FINAL LOCATIONS AND WIDTHS WITH THE ENGINEER PRIOR TO CONSTRUCTION. SEE CONSTRUCTION DETAILS SHEET FOR ENTRANCE DETAILS.
2.

DEPRESSED CURB AND GUTTER THROUGH ENTRANCES SHALL BE MEASURED FOR PAYMENT AS COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24.
3.

DEPTH MEASURED FROM B/C AT THIS LOCATION. CONTRACTOR IS NOT REQUIRED TO MEET 2% ADA REQUIREMENTS AT THIS LOCATION.

MODEL Default
FILE Name: I:\0011007\Microstation\Sheets\08-11007-Sht-Schedule.dgn



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ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115

USER NAME = b,hell	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 5/20/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE:	SHEET 3	OF 3	SHEETS	STA.	TO STA.
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9146	16-00019-00-RS	ST. CLAIR	31	10
CONTRACT NO. 97740				
		ILLINOIS	FED. AID PROJECT	

PROFILE		BY	DATE
SURVEYED _____			
PLOTTED _____			
GRADES CHECKED _____			
B/LK NOTED _____			
STRUCTURE NOTATIONS CHKD _____			

Plan and profile view of a road project. The plan view at the top shows the layout of West Morris Street, including existing and proposed lanes, sidewalks, and driveways. It includes property lines and owner information for several parcels. The profile view at the bottom shows the existing and proposed grade lines, with vertical curve data and stationing from 19+50 to 25+00. A table at the bottom right provides project details, including the designer's name (Oates Associates), the project name (State of Illinois Department of Transportation), and the sheet number (1 of 2).

LEGEND

- INCIDENTAL HMA, 6"
- LIMITS OF CONSTRUCTION
- PCC SIDEWALK, 4"
- PCC DRIVEWAY PAVT, 6"

PLAN VIEW

West Morris Street

Stationing: 19+50 to 25+00

PROFILE VIEW

Existing Profile Grade Line

Proposed Profile Grade Line

Vertical Curve Data:

- K = 83, 250.00' V.C.
- K = 105, 200.00' V.C.

Table 1: Stationing and Elevation Data

Station	Existing Elevation (ft)	Proposed Elevation (ft)
19+50	435.25	435.25
20+00	435.96	435.96
20+50	436.15	436.15
21+00	436.27	436.27
21+50	436.45	436.45
22+00	436.45	436.45
22+50	435.29	435.29
23+00	434.98	434.98
23+50	434.69	434.69
24+00	434.38	434.38
24+50	434.32	434.32
25+00	434.37	434.37

Table 2: Project Details

USER NAME	DESIGNED	REVISED
b.heil	-	-
PLOT SCALE	40.0000' / in.	40.0000' / in.
PLOT DATE	4/21/2020	4/21/2020

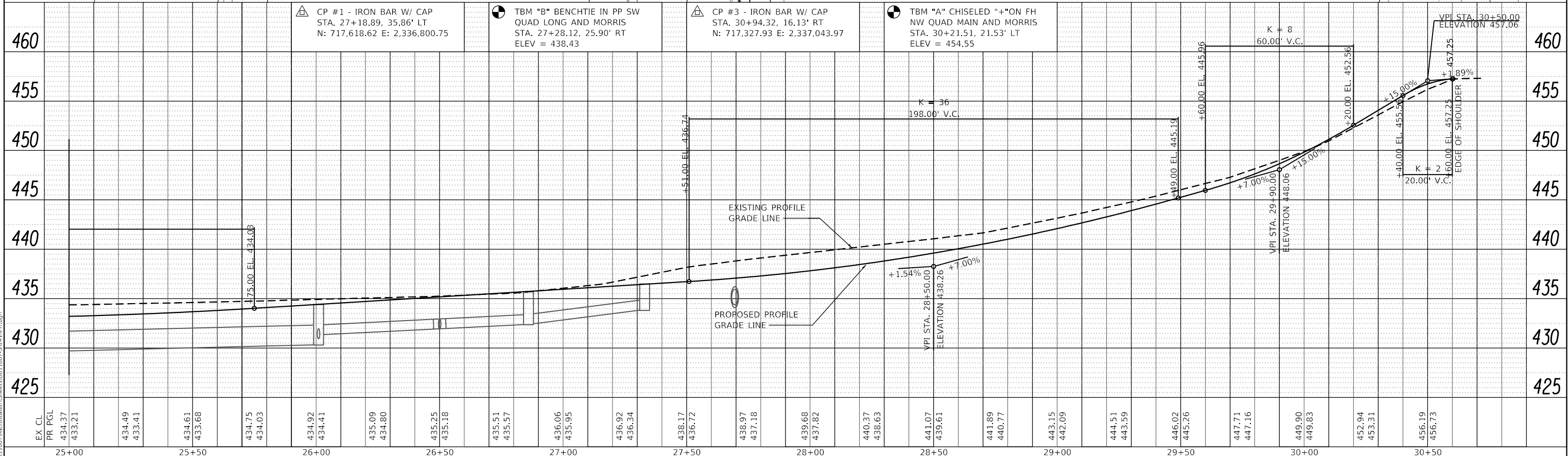
Table 3: Section and County Information

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
16-00019-00-RS	ST. CLAIR	31	11

Table 4: Scale and Sheet Information

SCALE	SHEET	OF	SHEETS	STA.	TO STA.
1" = 20'	1	2	2	19+69	25+00

PROFILE	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
NOTE BOOK _____	GRADES CHECKED _____		
NO. _____	B.M. NOTED _____		
	STRUCTURE NOTATIONS CHKD _____		

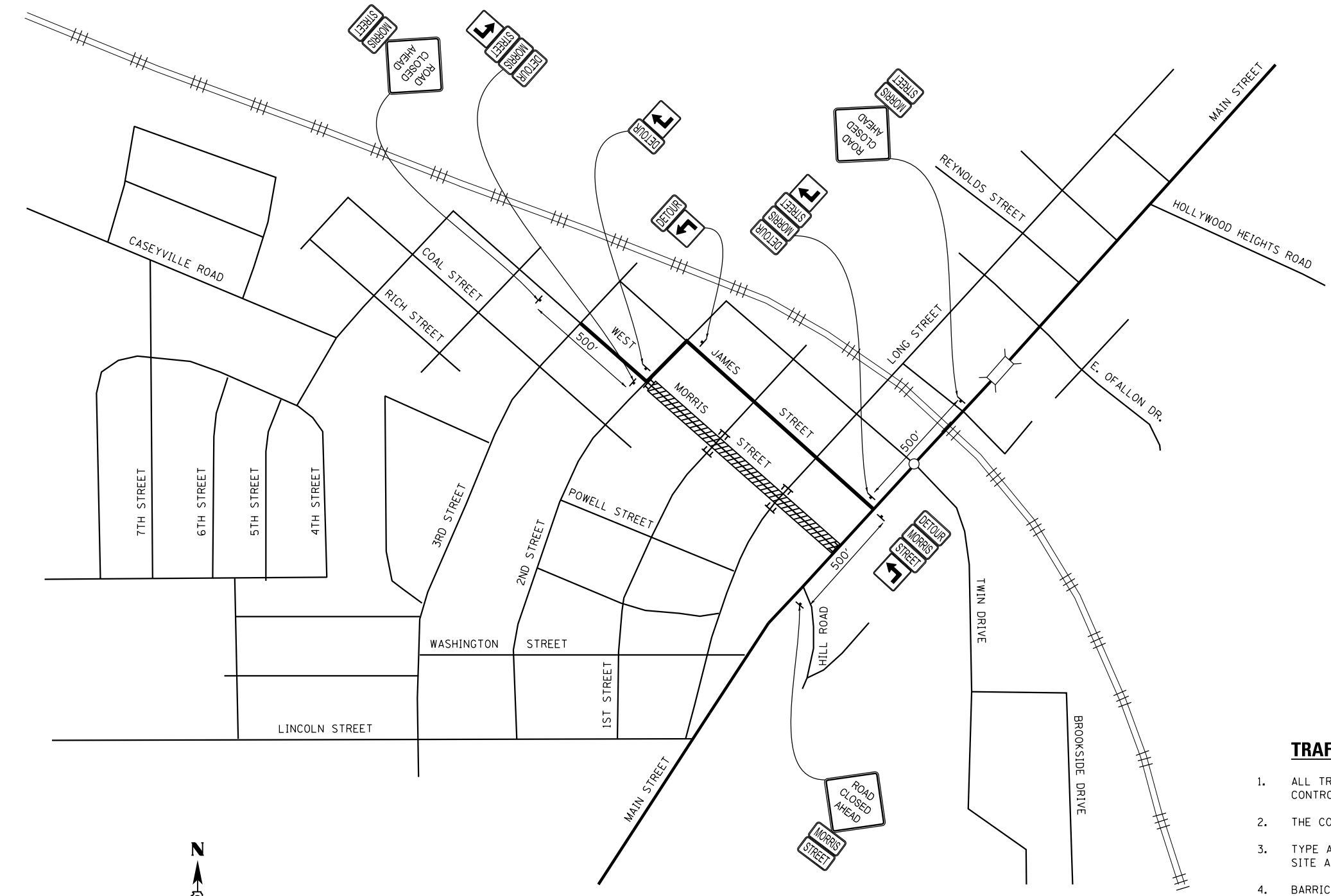


TRAFFIC CONTROL PLAN LEGEND

	W20-3 (48" x 48") (FLUORESCENT ORANGE)
	SPECIAL (24" x 24") (FLUORESCENT ORANGE)
	SPECIAL (24" x 24") (FLUORESCENT ORANGE)
	TYPE III BARRICADES WITH R-11-2 (60" x 30") (WHITE) AND TYPE A LOW INTENSITY FLASHING LIGHTS
	M4-8 (24" x 12") (ORANGE)
	M4-8a (24" x 18") (ORANGE)
	M6-3 (21" x 15") (FLOURESCENT ORANGE)
	SPECIAL
	TRAFFIC CONTROL SIGN LOCATION
	WORK AREA

TRAFFIC CONTROL NOTES

- ALL TRAFFIC CONTROL SIGNS, BARRICADES, AND MAINTENANCE TO BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION, (SPECIAL).
- THE CONTRACTOR SHALL MAINTAIN DRAINAGE THROUGHOUT CONSTRUCTION.
- TYPE A LOW INTENSITY FLASHING LIGHTS SHALL BE USED ON THE FIRST SIGN IN ADVANCE OF THE WORK SITE AND ON ALL TYPE III BARRICADES DURING HOURS OF DARKNESS.
- BARRICADES AND SIGNS SHALL BE POSITIONED AS SHOWN, ACCORDING TO HIGHWAY STANDARDS, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, AND AS DIRECTED BY THE ENGINEER.
- THE EXACT LOCATION OF THE BARRICADES AND SIGNS SHALL BE STAKED IN THE FIELD BY THE CONTRACTOR TWO WORKING DAYS IN ADVANCE OF CONSTRUCTION OPERATIONS FOR APPROVAL BY THE ENGINEER.



NOT TO SCALE

MODEL Default
FILE Name: I:\0011007\Microstation\Sheets\08-11007-Sign-Detour.dgn



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ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115

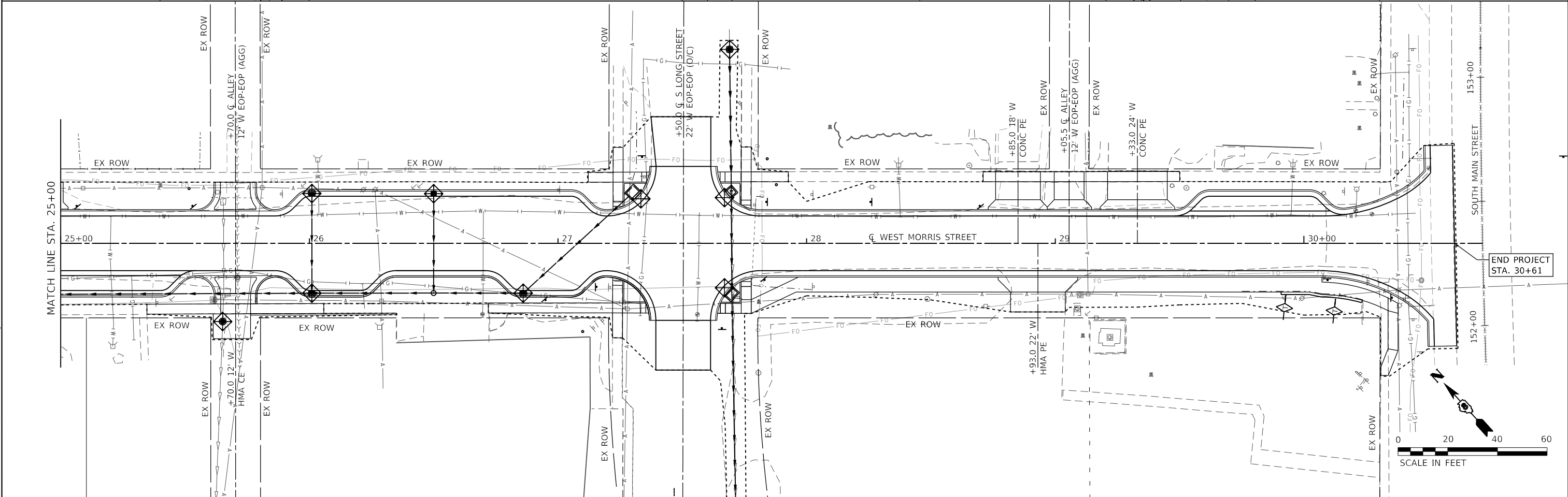
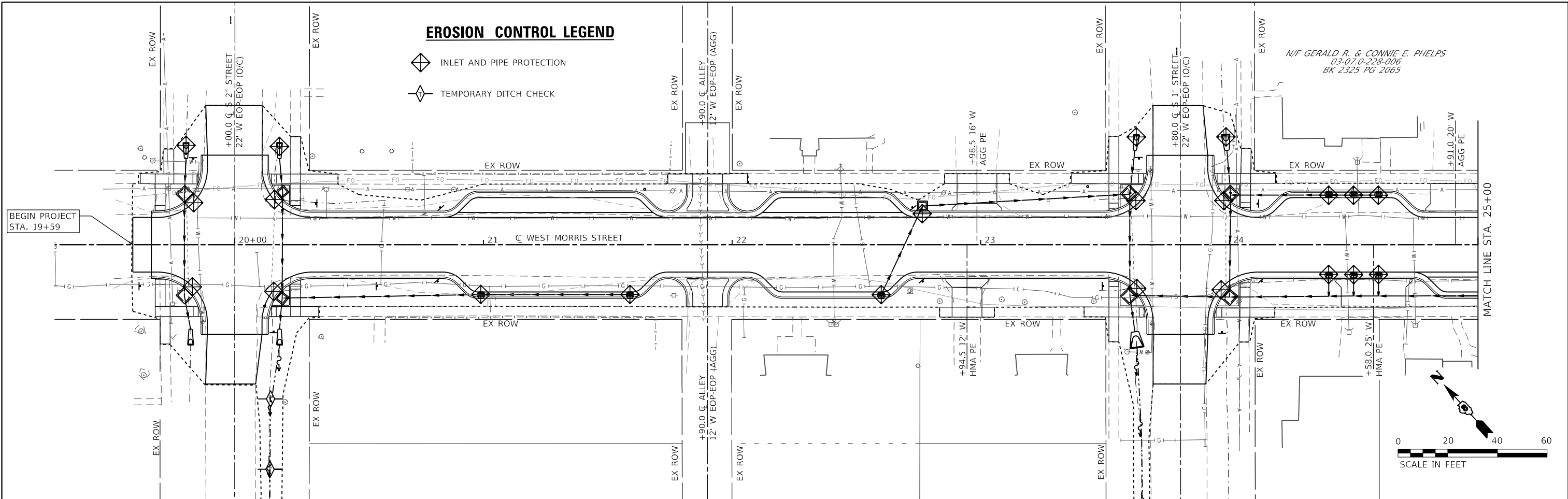
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	DRAWN -	REVISED -
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PLOT DATE = 4/14/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN

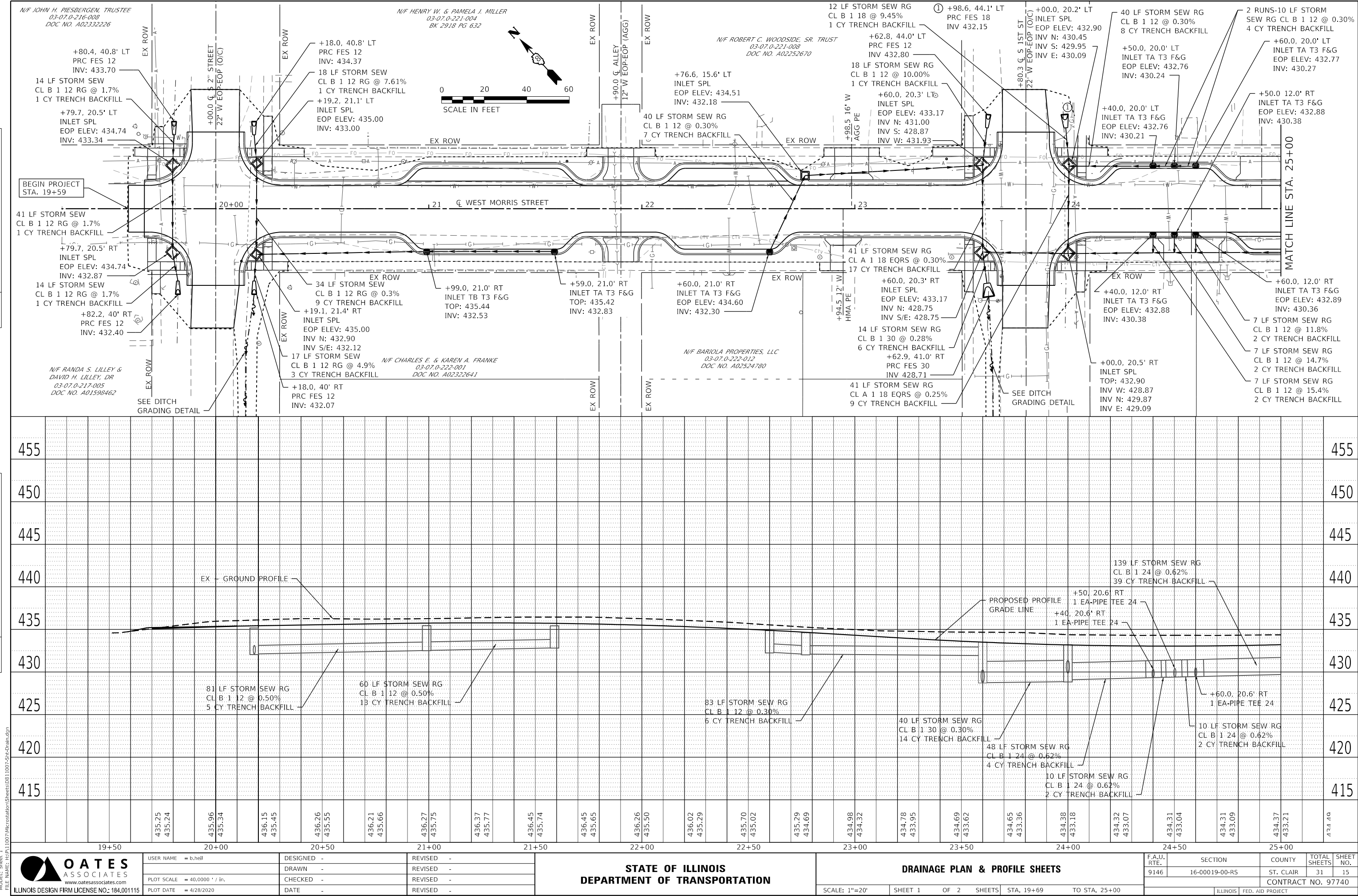
SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9146	16-00019-00-RS	ST. CLAIR	31	13
CONTRACT NO. 97740				
ILLINOIS FED. AID PROJECT				



PLAN	SURVEYED	DATE
BY		
PLANNED		
NOTED		
NO.		

PROFILE			BY	DATE
	SURVEYED			
	PLOTTED			
NOTE BOOK	GRADES CHECKED			
	B.M. NOTED			
NO. _____	STRUCTURE NOTATIONS CHKD			



MODEL Sheet 1
FILE NAME: H:\11007\Microstation\Sheets\11007-S&P-Drain.dgn

 OATES ASSOCIATES www.oatesassociates.com ILLINOIS DESIGN FIRM LICENSE NO.: 184,001115	USER NAME = b.heil	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE PLAN & PROFILE SHEETS				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40,0000 ' / in.	DRAWN -	REVISED -						9146	16-00019-00-RS	ST. CLAIR	31	15
	PLOT DATE = 4/28/2020	CHECKED -	REVISED -						CONTRACT NO. 97740				
	DATE -	REVISED -	ILLINOIS FED. AID PROJECT										
					SCALE: 1"=20'	SHEET 1	OF 2	SHEETS	STA. 19+69	TO STA. 25+00			

MODEL: Sheet 1
FILE NAME: I:\RA11007\Microstation\Sheets\08-11007-Sht-Removal.dgn



USER NAME = b.heil
PLOT SCALE = 40,0000 ' / in.
PLOT DATE = 5/1/2020

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

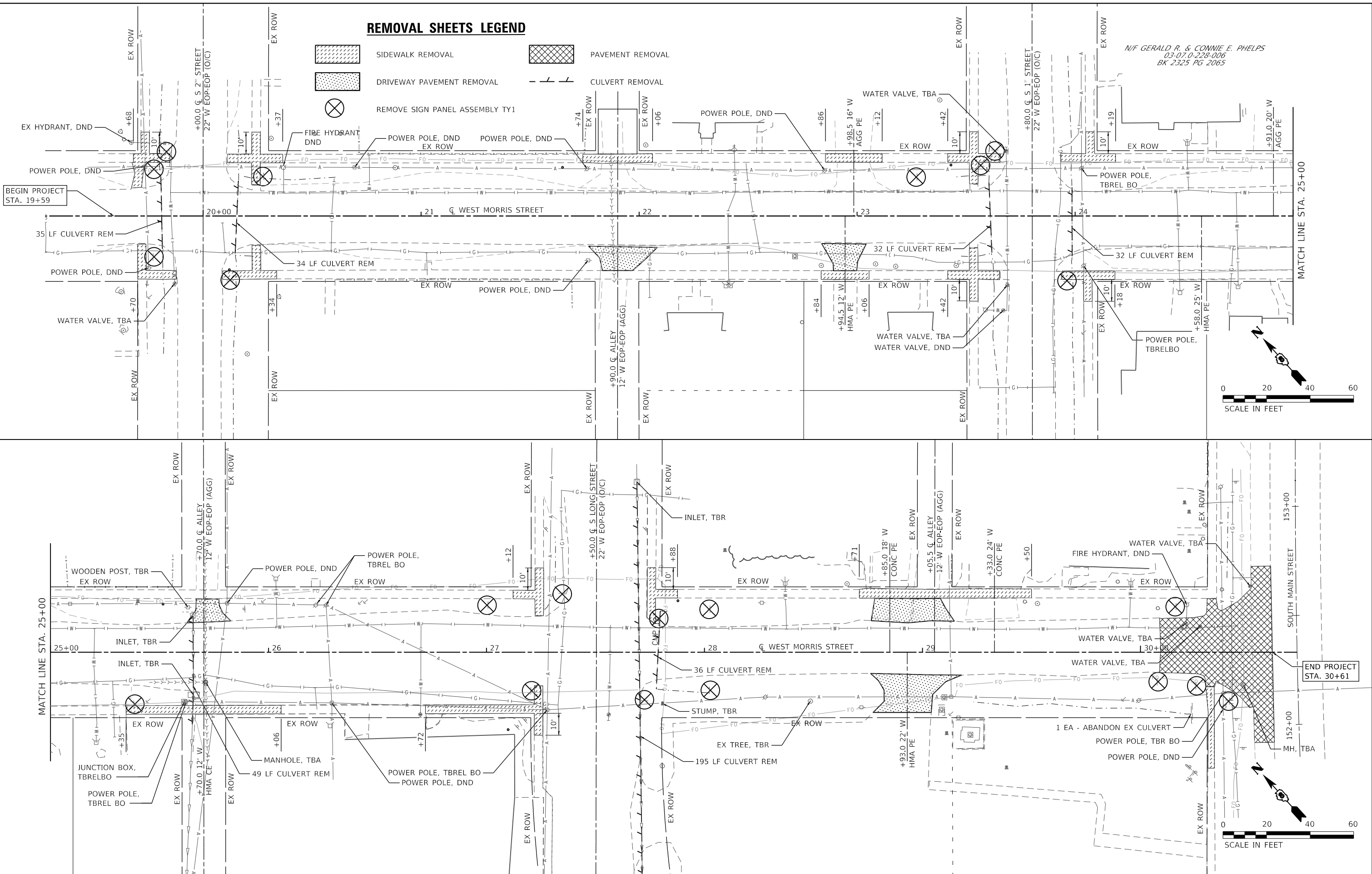
REMOVAL SHEET

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9146	16-00019-00-RS	ST. CLAIR	31	17
CONTRACT NO. 97740				
ILLINOIS FED. AID PROJECT				

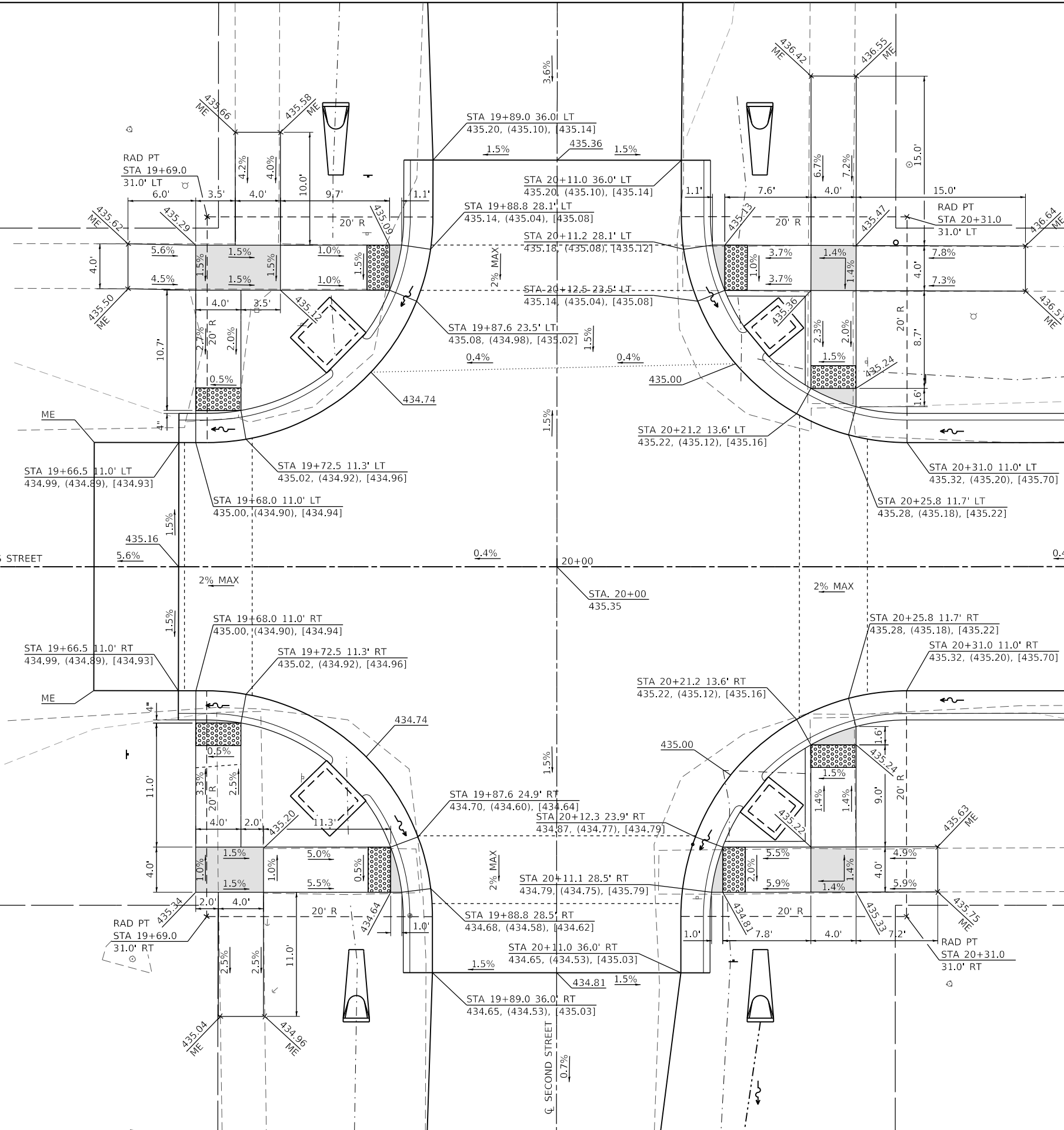
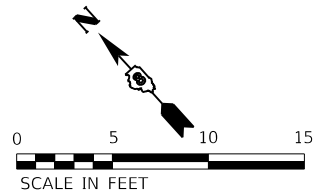
REMOVAL SHEETS LEGEND

- SIDWALK REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- REMOVE SIGN PANEL ASSEMBLY TY1
- PAVEMENT REMOVAL
- CULVERT REMOVAL



N/F GERALD R. & CONNIE E. PHELPS
03-07.0-228-006
BK 2325 PG 2065





DETAIL LEGEND

- XXX.XX EDGE OF PAVEMENT
- (XXX.XX) FLOWLINE
- <XXX.XX> SIDEWALK
- [XXX.XX] TOP OF CURB
- ME MATCH EXISTING
- FLAT LANDING AREA
- (2.0% MAX ALL DIRECTIONS)
- DETECTABLE WARNING



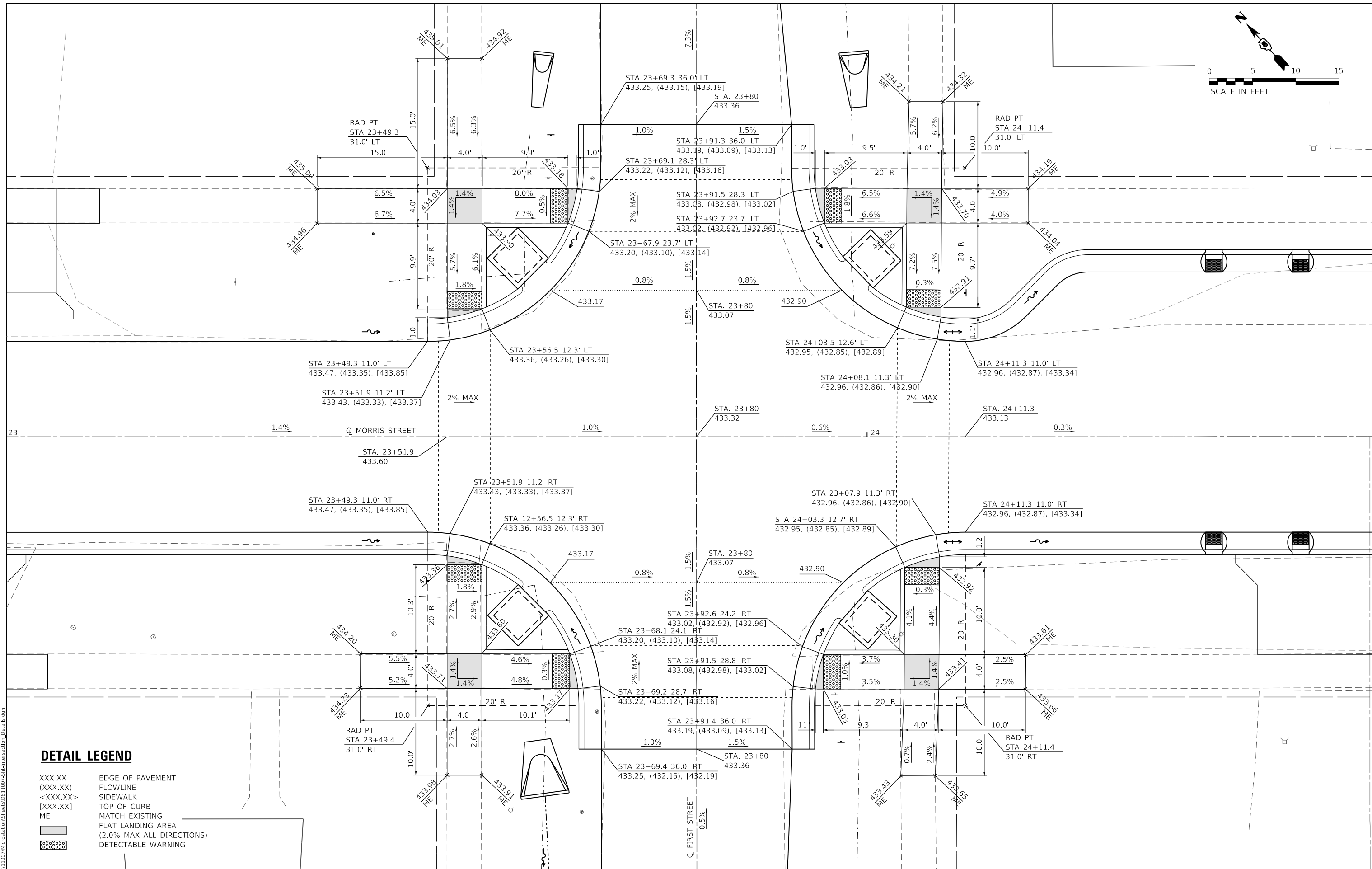
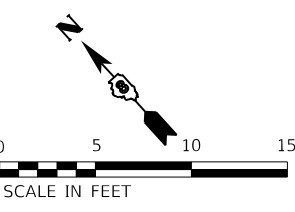
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PLOT DATE = 4/30/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION DETAIL SHEETS

SCALE: 1"=5' SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9146	16-00019-00-RS	ST. CLAIR	31	18
CONTRACT NO. 97740				
ILLINOIS FED. AID PROJECT				



DETAIL LEGEND

- XXX.XX EDGE OF PAVEMENT
- (XXX.XX) FLOWLINE
- <XXX.XX> SIDEWALK
- [XXX.XX] TOP OF CURB
- ME MATCH EXISTING
- FLAT LANDING AREA
- (2.0% MAX ALL DIRECTIONS)
- DETECTABLE WARNING

MODEL 2_1ST
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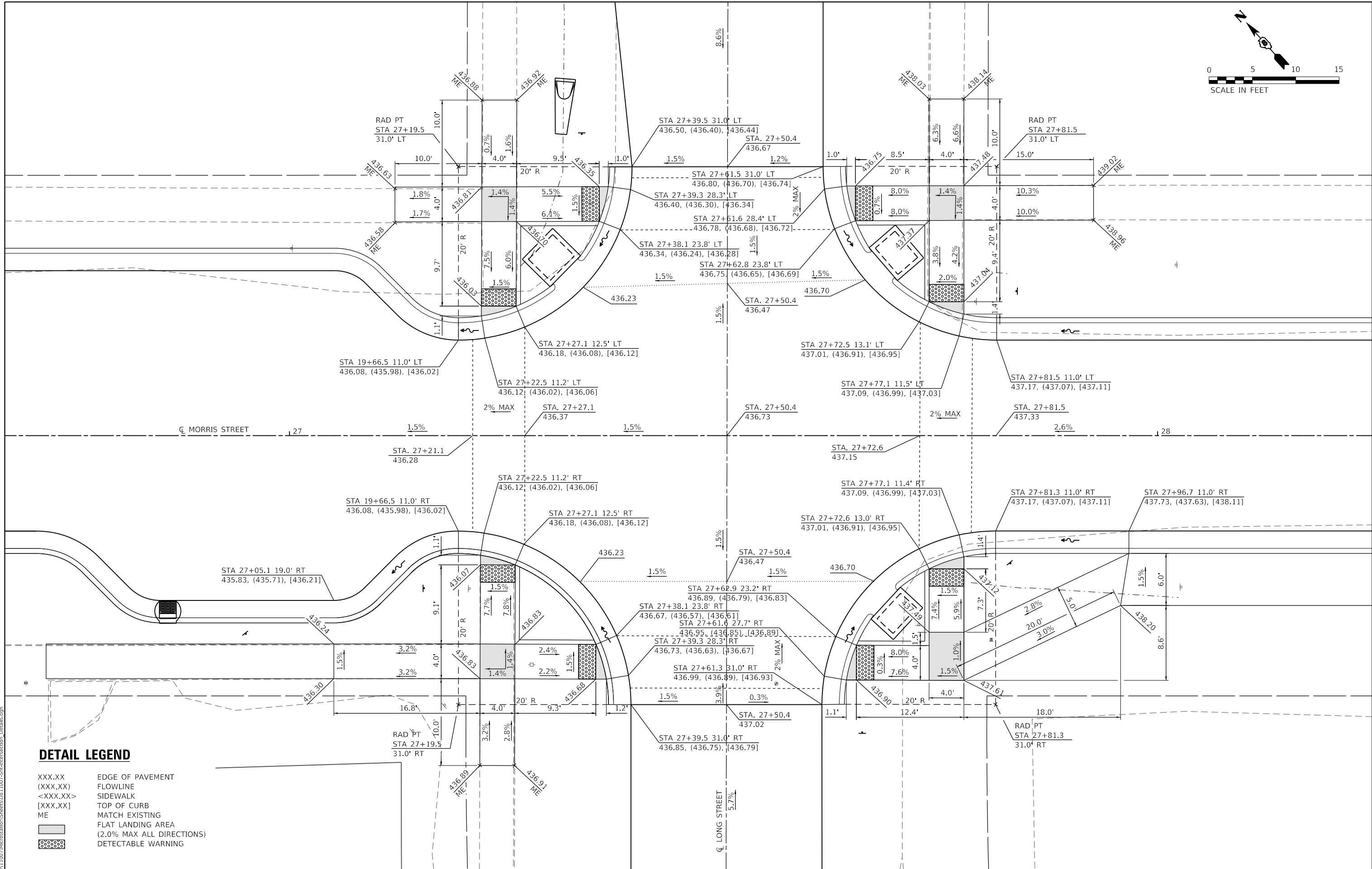
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PLOT DATE = 4/30/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

INTERSECTION DETAIL SHEETS

SCALE: 1"=5' SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9146	16-00019-00-RS	ST. CLAIR	31	19
CONTRACT NO. 97740				
ILLINOIS FED. AID PROJECT				



XXX.XX	EDGE OF PAVEMENT
(XXX.XX)	FLOWLINE
<XXX.XX>	SIDEWALK
[XXX.XX]	TOP OF CURB
ME	MATCH EXISTING
	FLAT LANDING AREA
	(2.0% MAX ALL DIRECTIONS)
	DETECTABLE WARNING



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USER NAME = b.heil	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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PLOT DATE = 4/28/2020	DATE -	REVISED -

INTERSECTION DETAIL SHEETS

SCALE: 1"=5'	SHEET 3	OF 4	SHEETS	STA.	TO STA.
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9146	16-00019-00-R5	ST. CLAIR	31	20
		CONTRACT NO. 97740		
ILLINOIS		FED. AID PROJECT		

MODEL: 4_11157
FILE NAME: 16-0019-00-11007-MicroStationSheets108-11007-SiteIntersection_Details.dgn

DETAIL LEGEND

XXX.XX EDGE OF PAVEMENT
(XXX.XX) FLOWLINE
<XXX.XX> SIDEWALK
[XXX.XX] TOP OF CURB
ME MATCH EXISTING
 FLAT LANDING AREA
 (2.0% MAX ALL DIRECTIONS)
 DETECTABLE WARNING



ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115

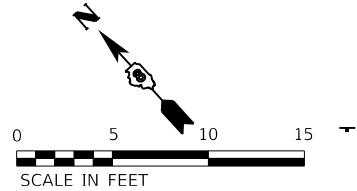
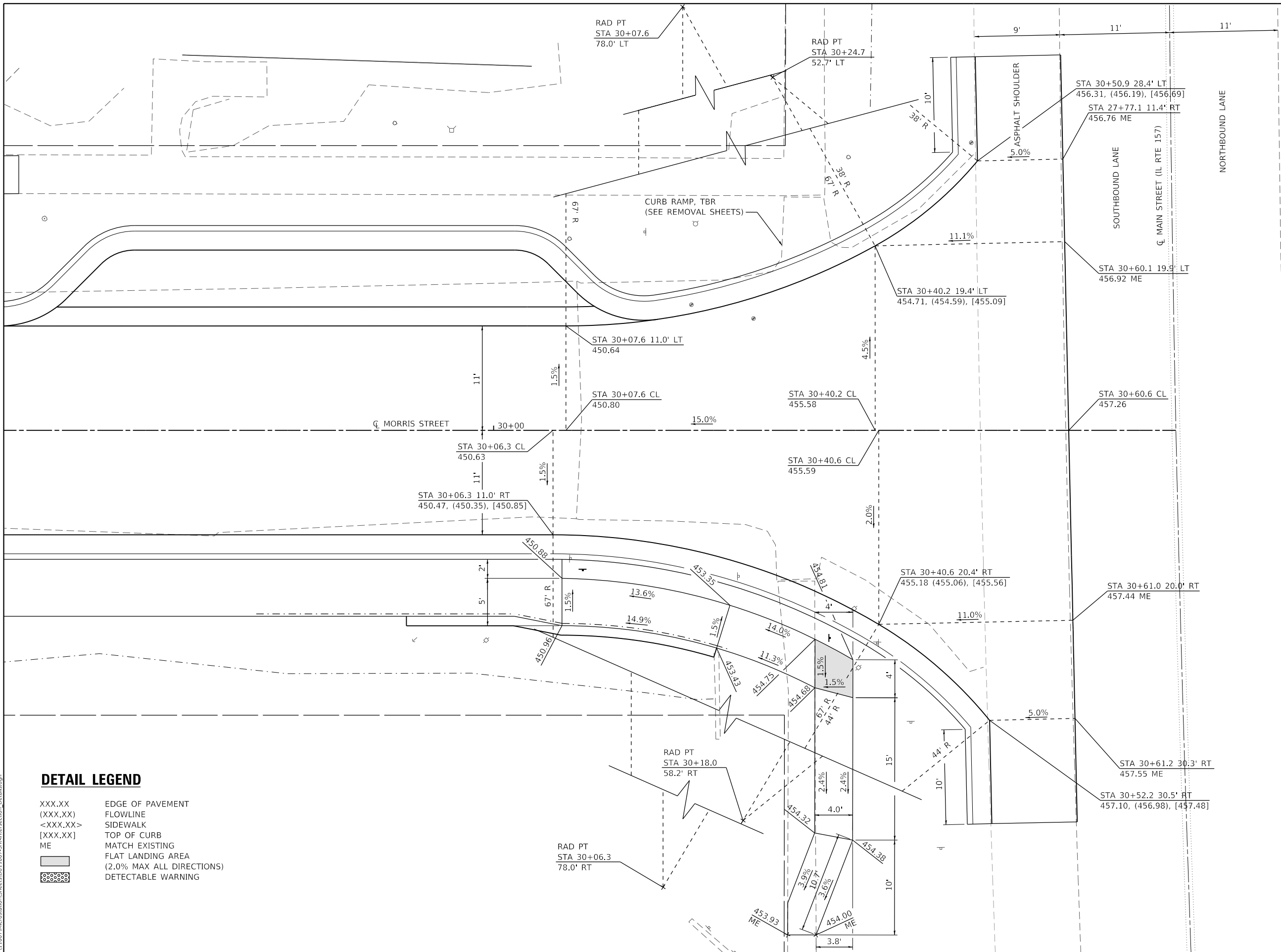
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PLOT DATE = 4/30/2020	DATE -	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

INTERSECTION DETAIL SHEETS

SCALE: 1"=5' SHEET 4 OF 4 SHEETS STA. TO STA.

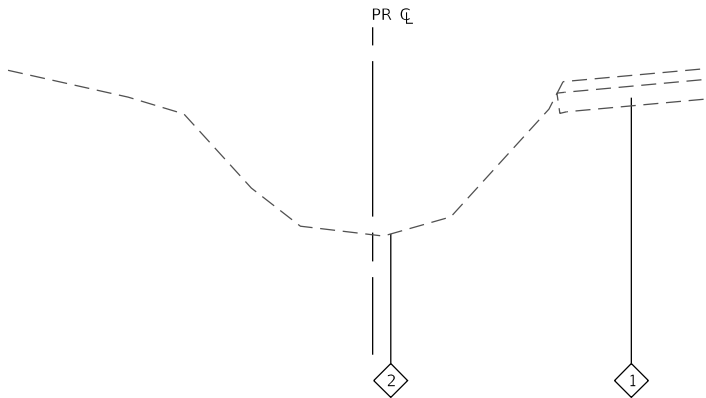
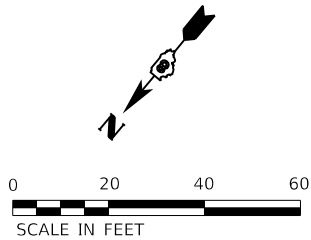
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9146	16-00019-00-RS	ST. CLAIR	31	21
CONTRACT NO. 97740				
ILLINOIS FED. AID PROJECT				



EROSION CONTROL LEGEND

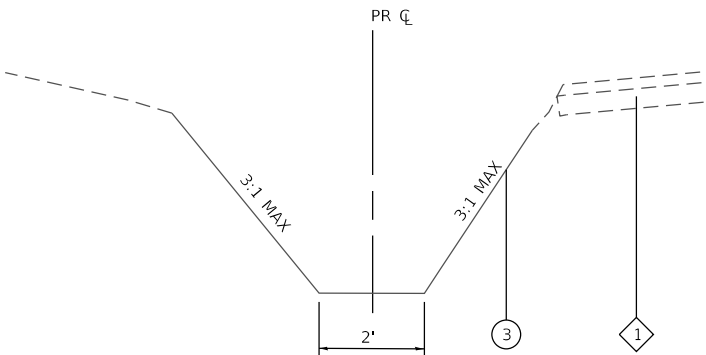


TEMPORARY DITCH CHECK



EXISTING SOUTH 2ND STREET DITCH

STA. 0+00 TO STA. 2+20
(NOT TO SCALE)

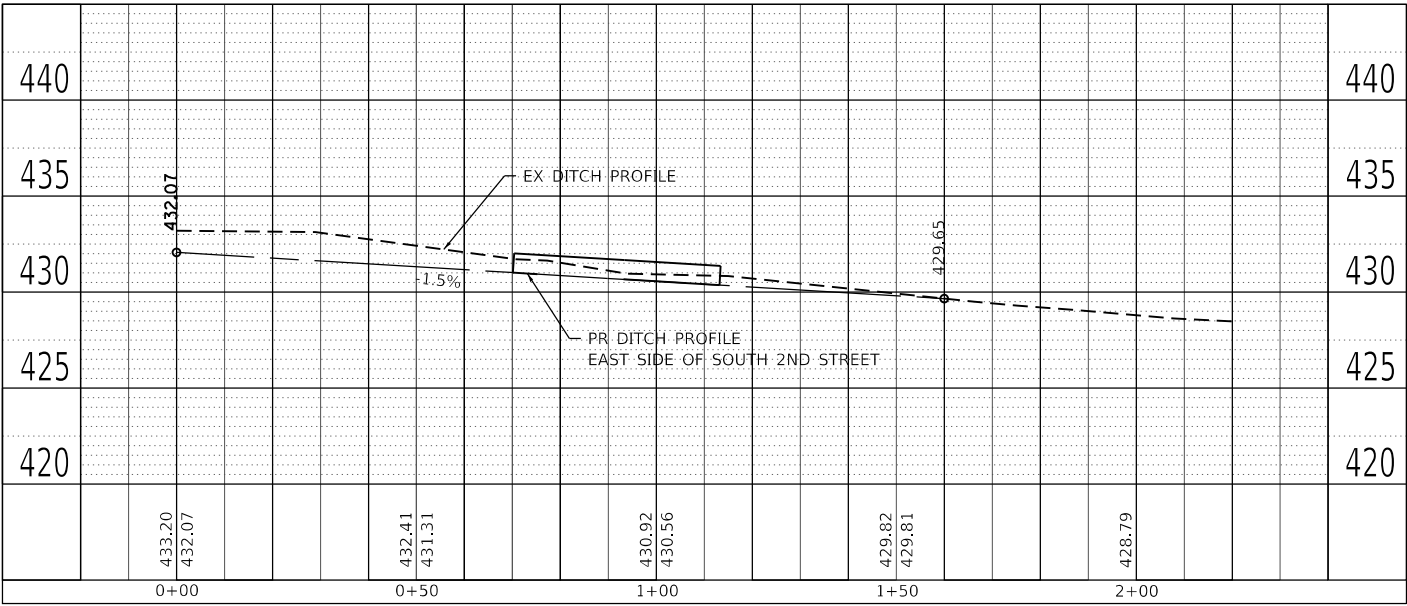
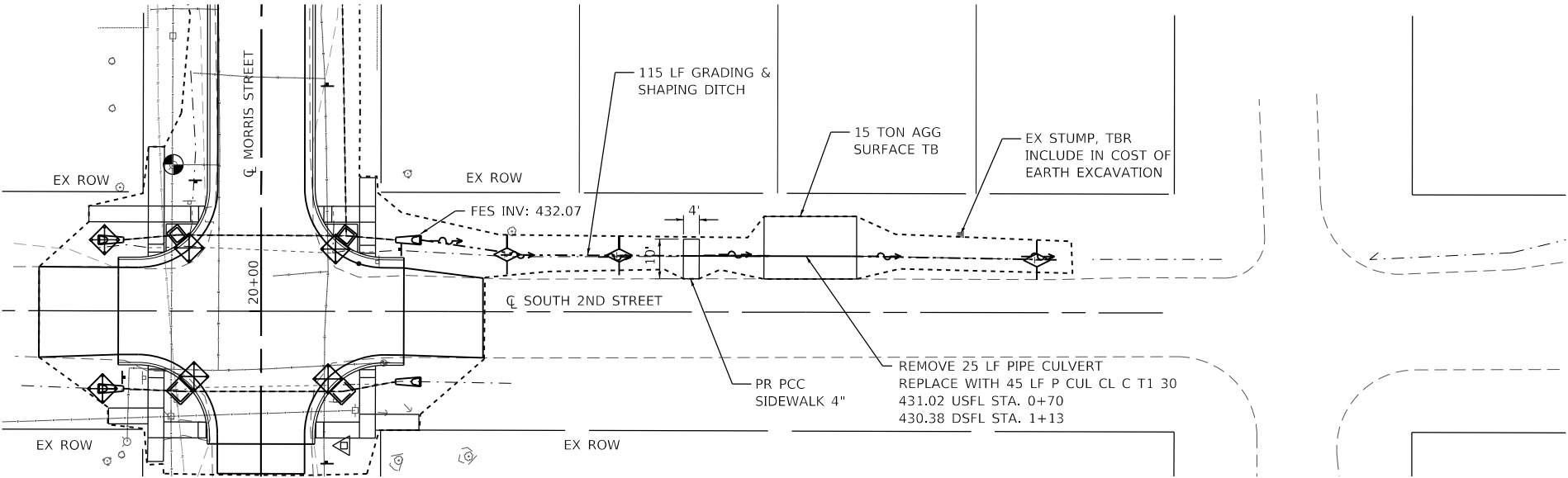


PROPOSED SOUTH 2ND STREET DITCH

STA. 0+00 TO STA. 1+60
(NOT TO SCALE)

TYPICAL SECTION LEGEND

- 1 EXISTING BITUMINOUS SHOULDER
- 2 EXISTING EARTH DITCH
- 3 PROPOSED EARTH DITCH



MODEL: Default
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PLOT DATE = 4/21/2020	DATE -	REVISED -

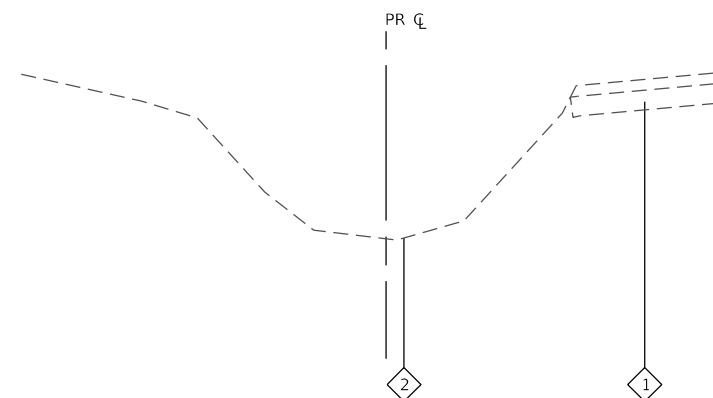
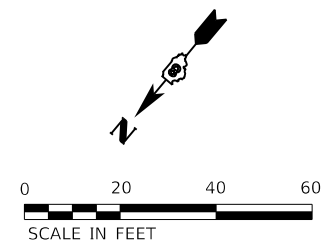
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DITCH GRADING DETAILS

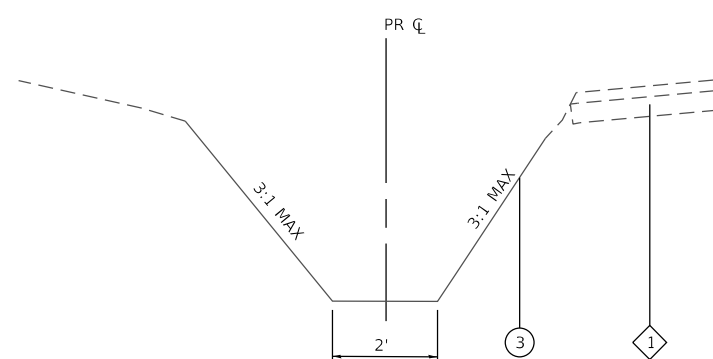
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9146	16-00019-00-RS	ST. CLAIR	31	22
CONTRACT NO. 97740				
ILLINOIS FED. AID PROJECT				

TEMPORARY DITCH CHECK



STA. 0+00 TO STA. 2+10
(NOT TO SCALE)

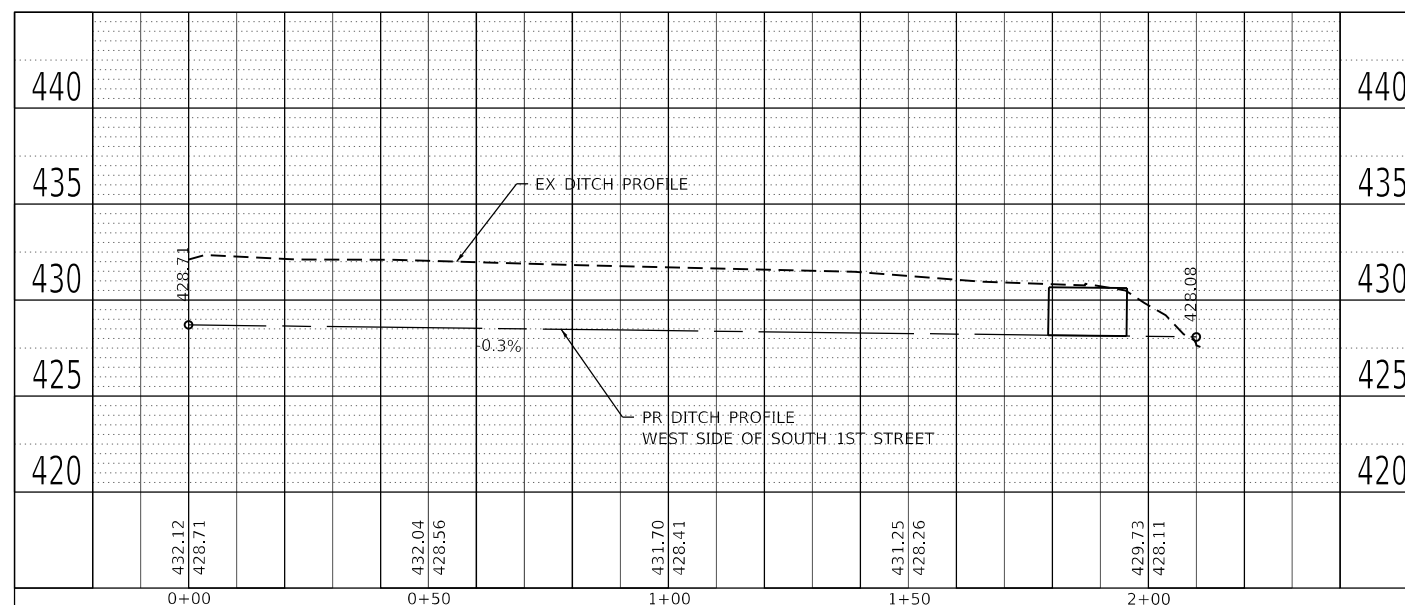
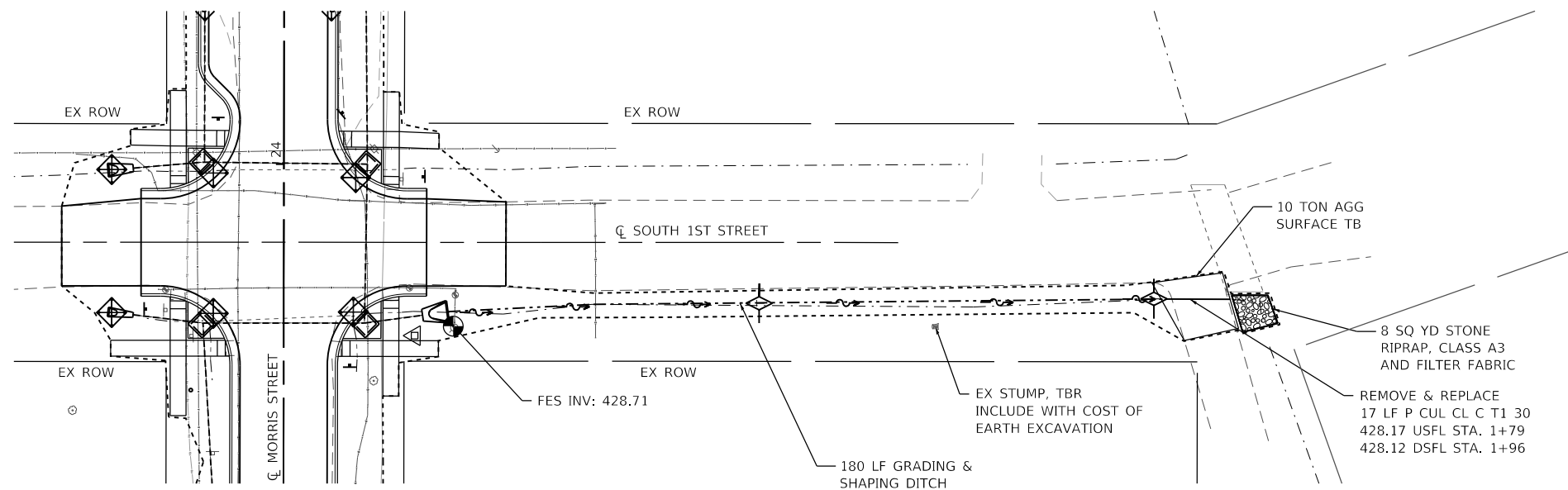


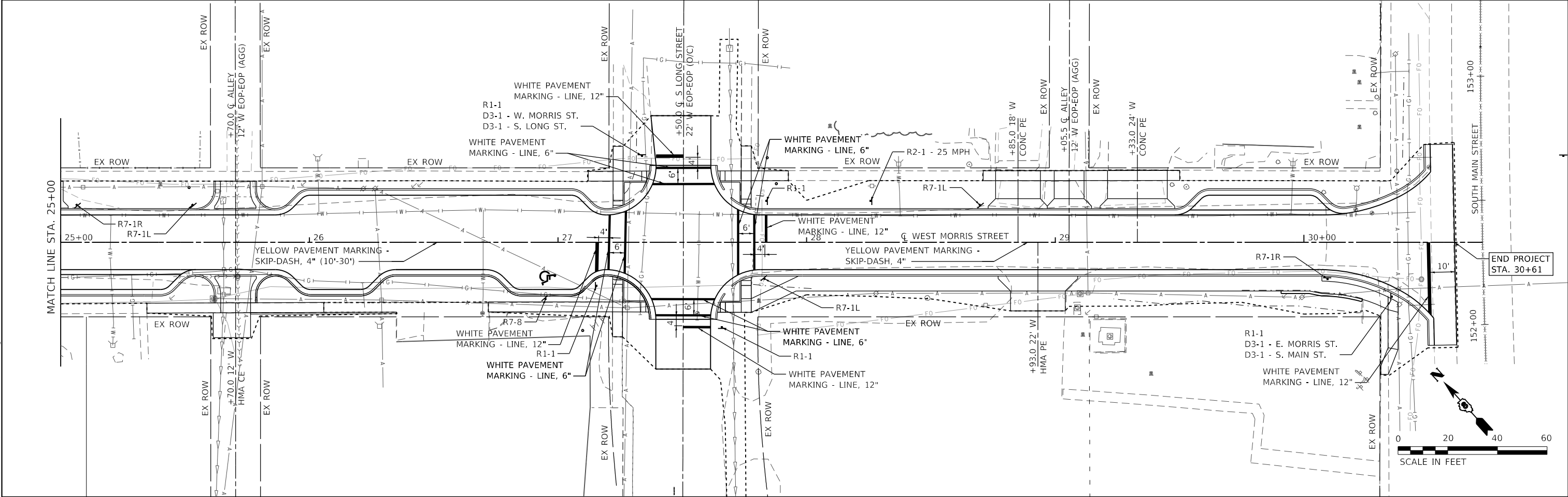
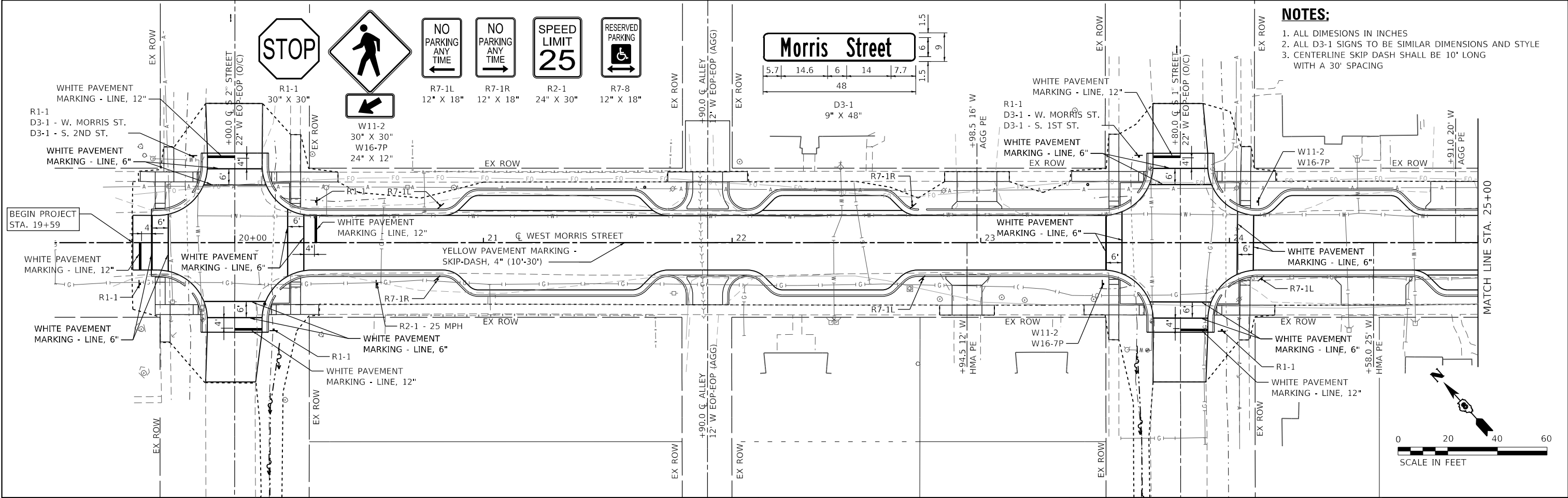
STA. 0+00 TO STA. 2+10
(NOT TO SCALE)

1 EXISTING BITUMINOUS SHOULDER

2 EXISTING EARTH DITCH

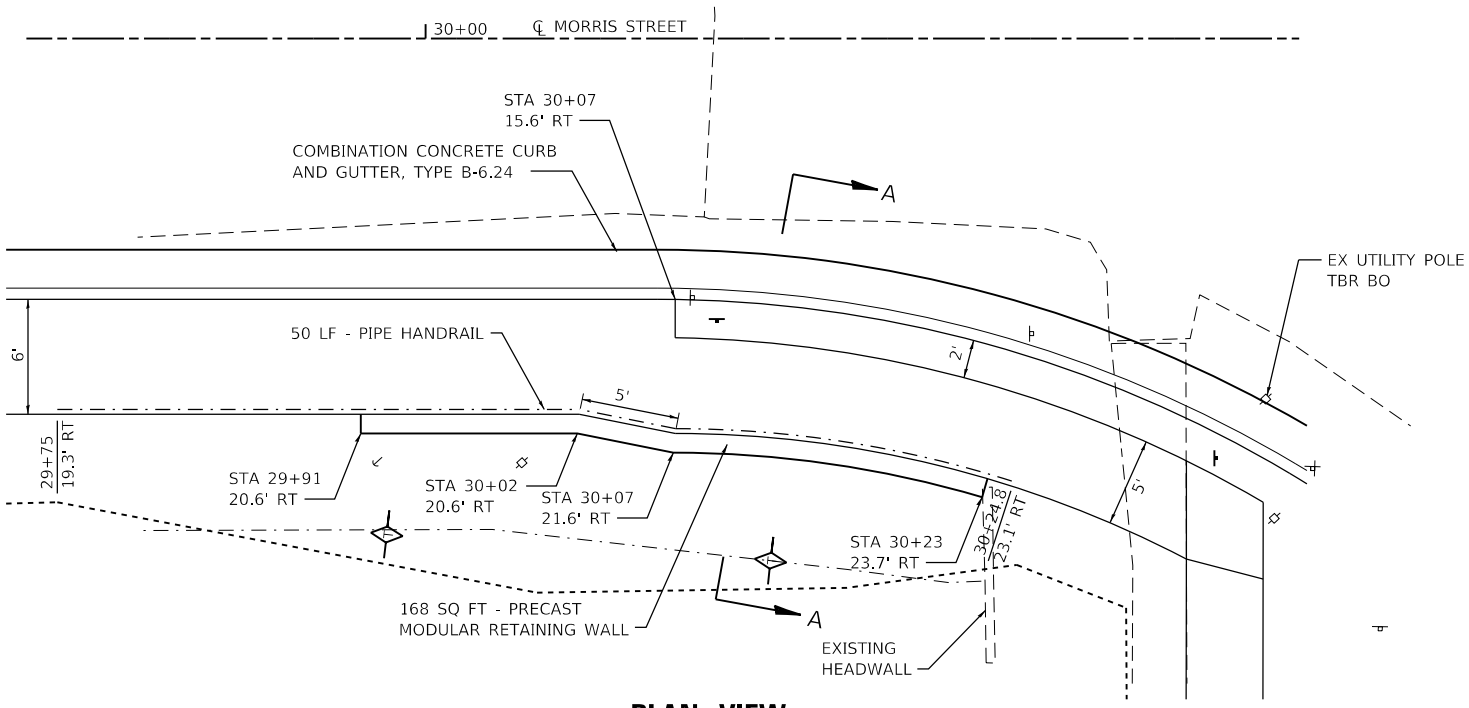
3 PROPOSED EARTH DITCH





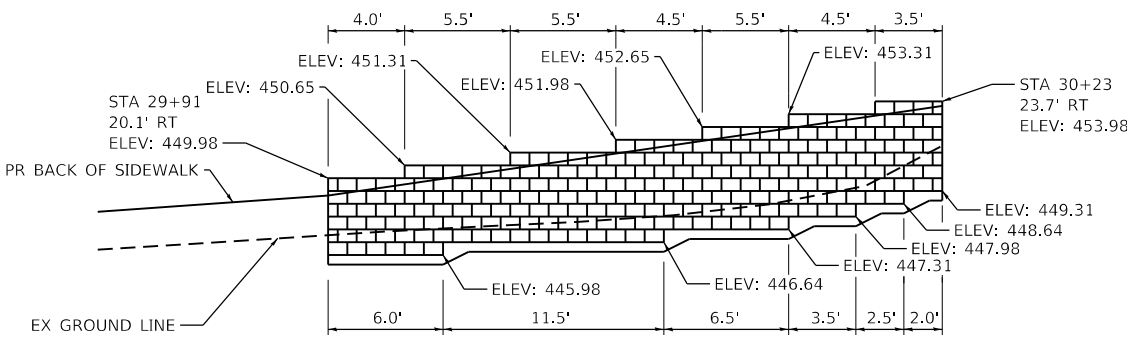
- NOTES:**
1. ALL DIMENSIONS IN INCHES
 2. ALL D3-1 SIGNS TO BE SIMILAR DIMENSIONS AND STYLE
 3. CENTERLINE SKIP DASH SHALL BE 10' LONG WITH A 30' SPACING

 OATES ASSOCIATES www.oatesassociates.com ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115	USER NAME = b.neil		DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND SIGNAGE SHEET					F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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			DATE -	REVISED -							ILLINOIS FED. AID PROJECT				
						SCALE:	SHEET 1	OF 1	SHEETS	STA.	TO STA.				



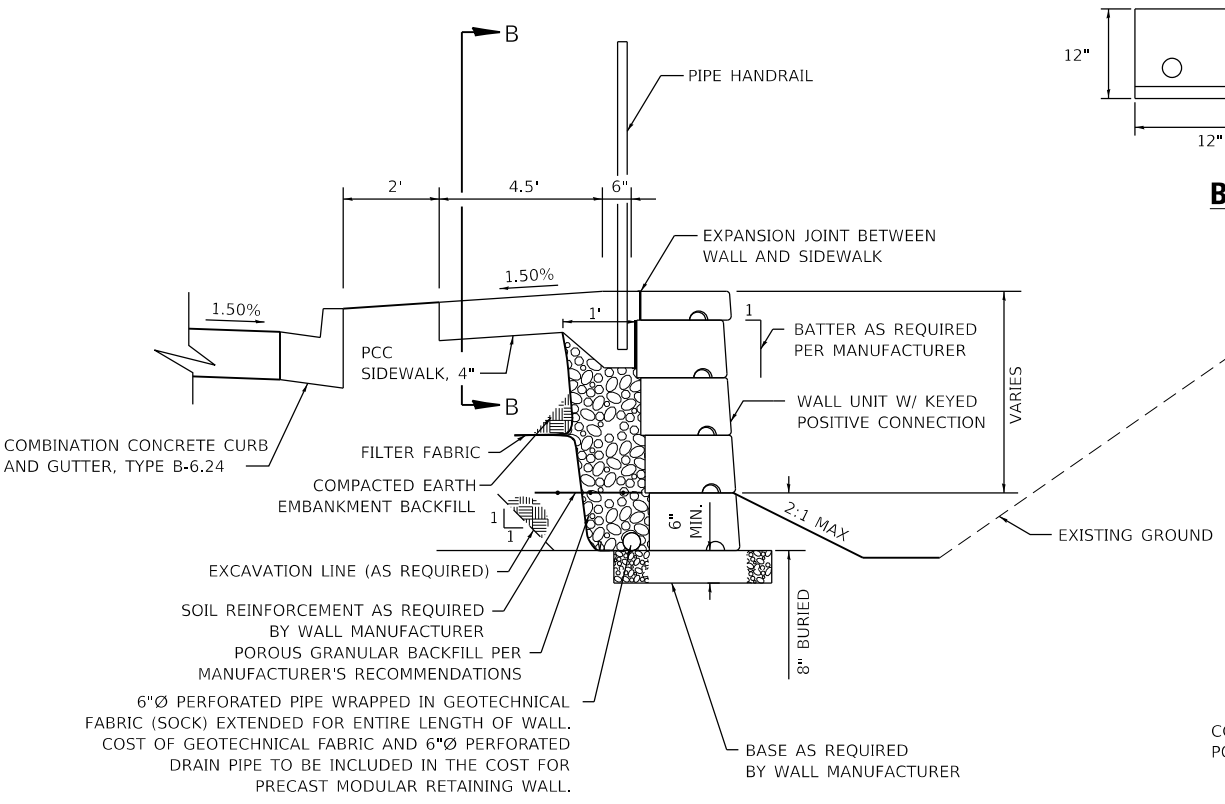
PLAN VIEW

SCALE: 1"=5'



ELEVATION VIEW

SCALE: 1"=5'



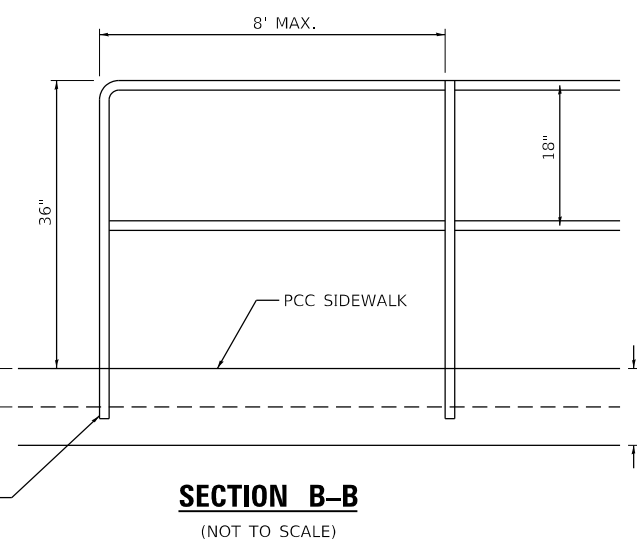
SECTION A-A

(NOT TO SCALE)

BLOCK DETAIL

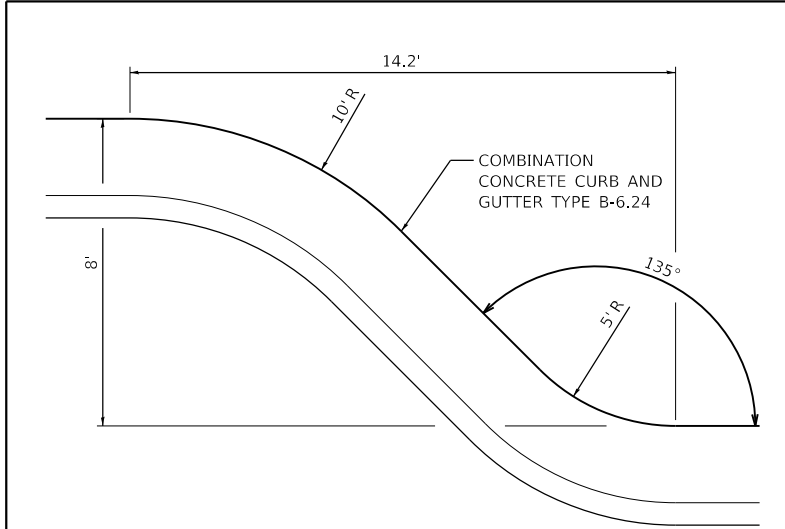
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PRECAST MODULAR RETAINING WALL DETAIL



SECTION B-B

(NOT TO SCALE)



PARKING LANE BUMP OUT DETAIL

(NOT TO SCALE)

MODEL Default
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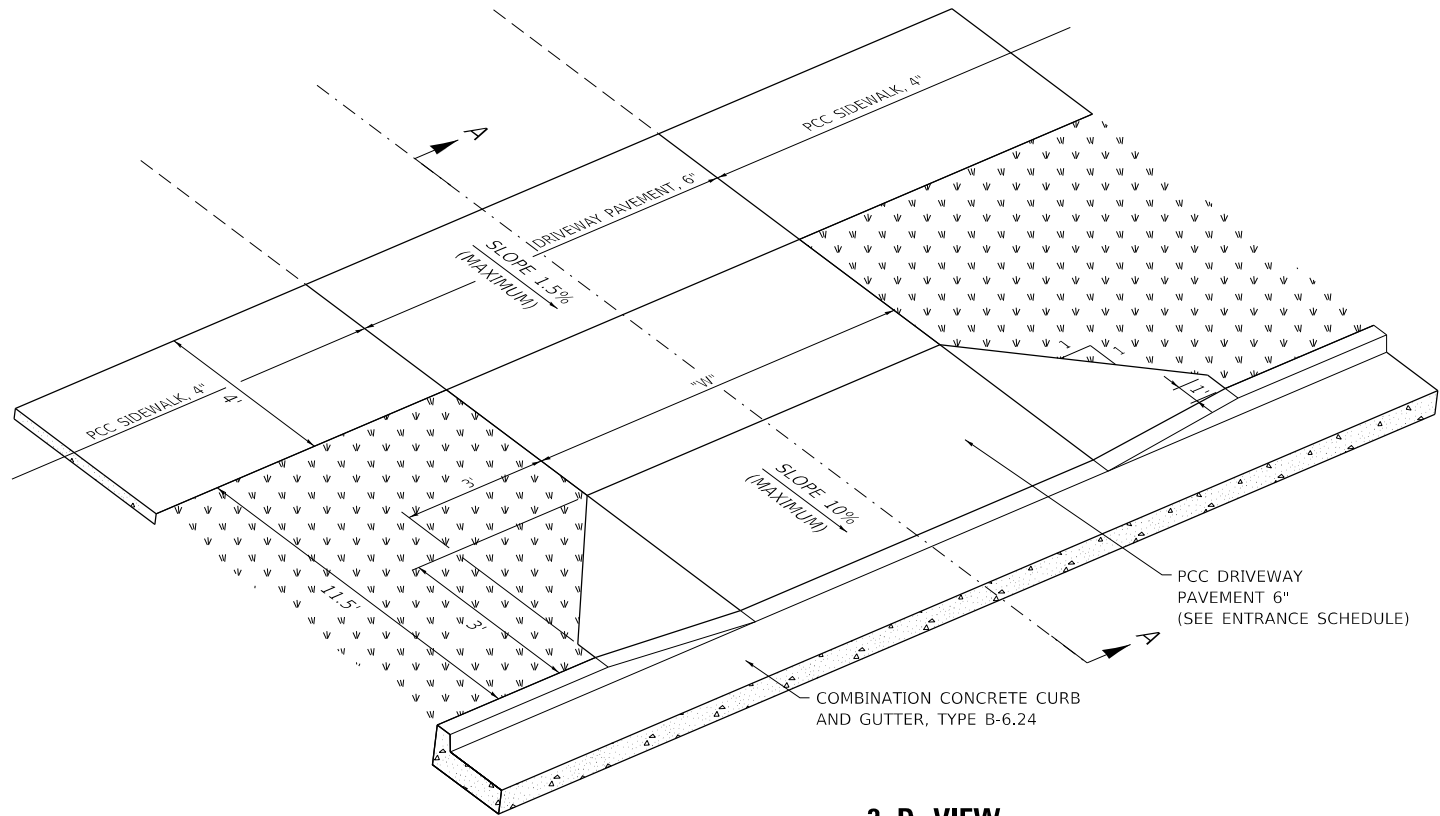
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DRAWN -	REVISED -	
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PLOT DATE = 5/1/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

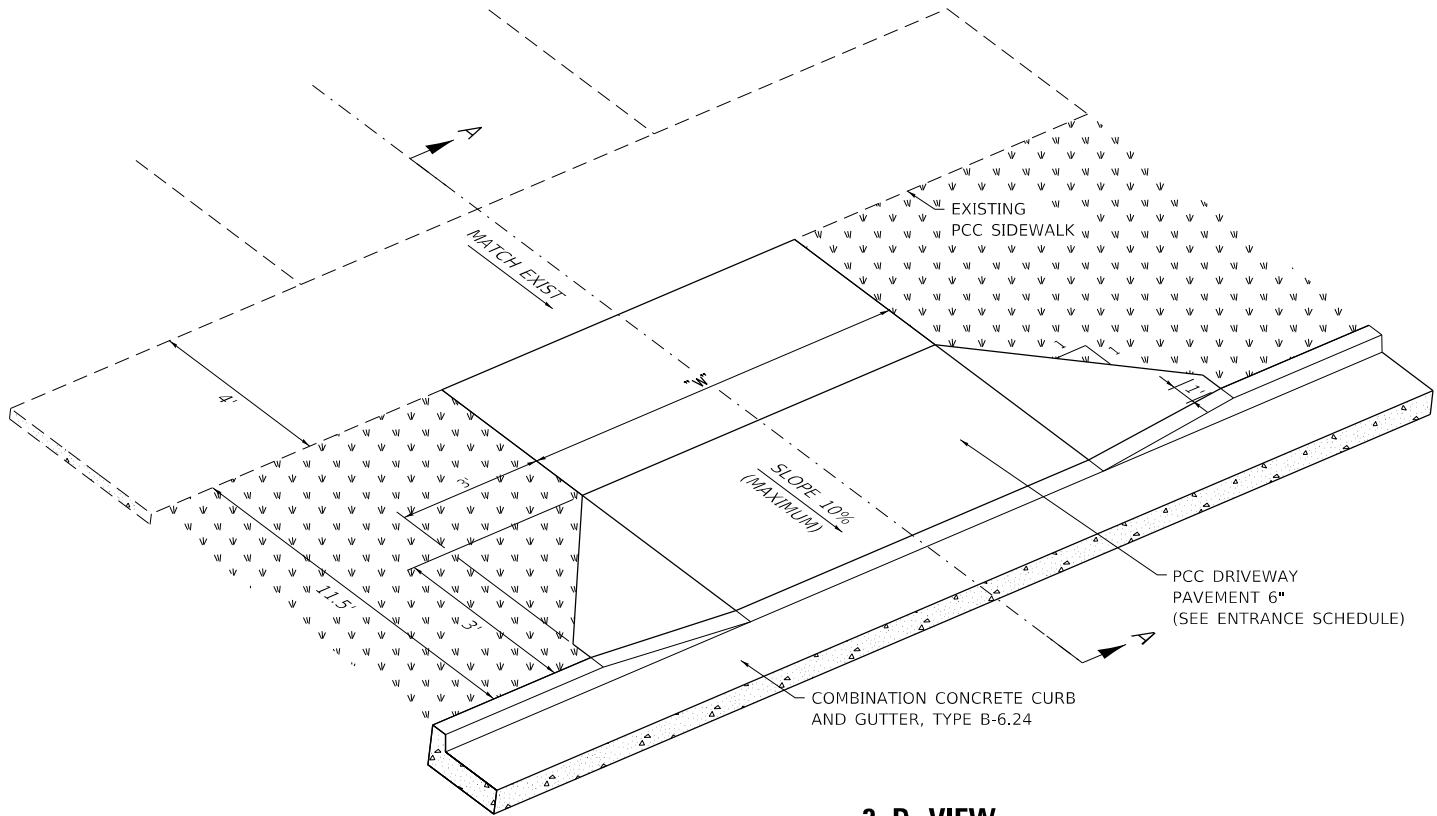
MISCELLANEOUS DETAILS

SCALE:	SHEET 1	OF 3	SHEETS	STA.	TO STA.
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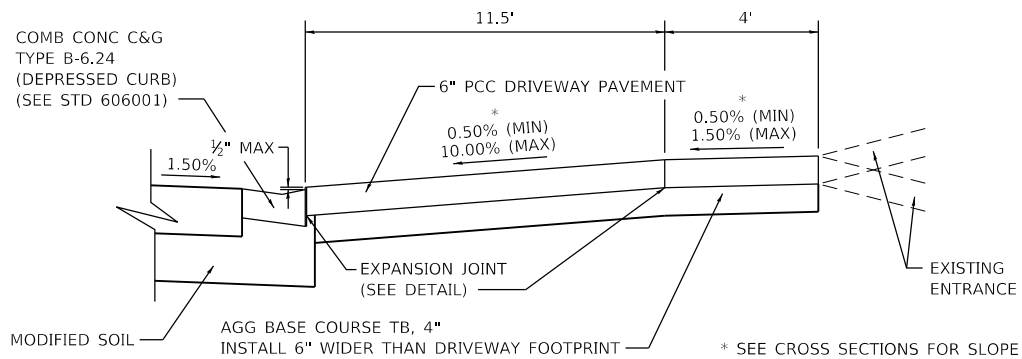
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9146	16-00019-00-RS	ST. CLAIR	31	25
CONTRACT NO. 97740				
ILLINOIS FED. AID PROJECT				



3-D VIEW
(NOT TO SCALE)



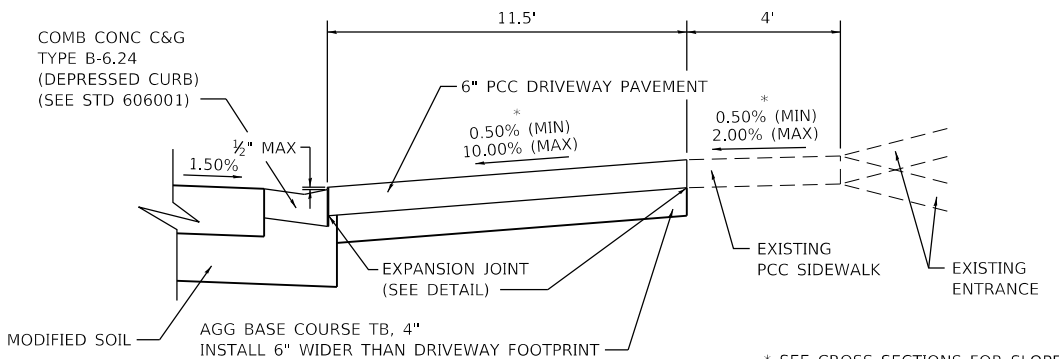
3-D VIEW
(NOT TO SCALE)



SECTION A-A
(NOT TO SCALE)

PRIVATE ENTRANCE WITH PROPOSED SIDEWALK

(NOT TO SCALE)
STA. 22+94.5 RT
STA. 22+98.5 LT
STA. 28+85.0 LT
STA. 29+05.5 LT
STA. 29+33.0 LT



SECTION A-A
(NOT TO SCALE)

PRIVATE ENTRANCE WITHOUT PROPOSED SIDEWALK

(NOT TO SCALE)
STA. 24+58.0 RT
STA. 24+91.0 LT

MODEL Default
FILE Name: 16-00019-00-RS-11007-Sidewalk.dgn



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DRAWN -	REVISED -	REVISED -
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PLOT DATE = 4/14/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

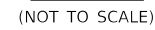
MISCELLANEOUS DETAILS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9146	16-00019-00-RS	ST. CLAIR	31	26
CONTRACT NO. 97740				
ILLINOIS FED. AID PROJECT				



(NOT TO SCALE)
STA. 28+93.0 RT



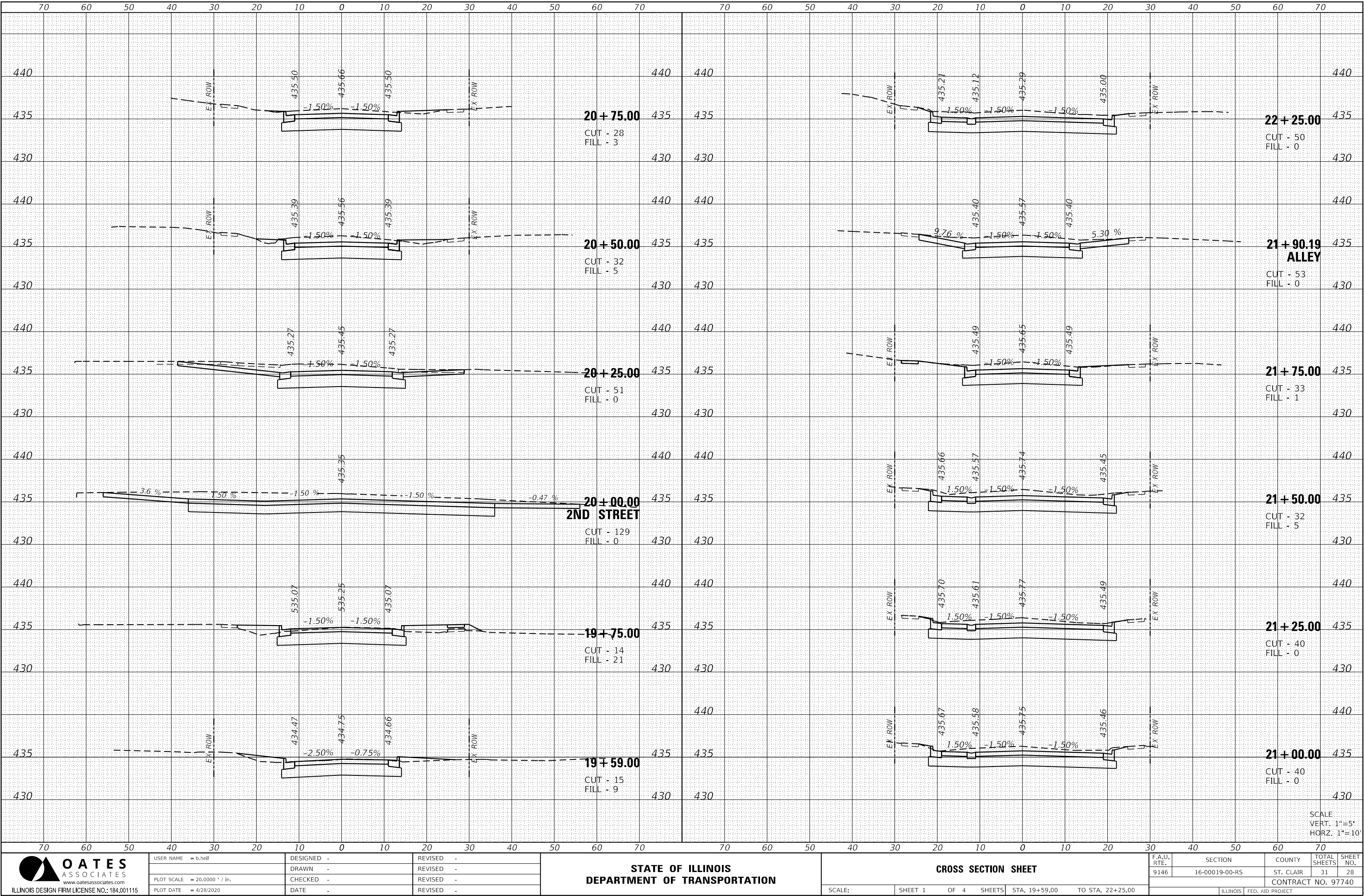
(NOT TO SCALE)

STATION	OFFSET	W (FT)	D (FT)
19+80	20.5' LT	4	4
19+80	20.5' RT	4	4
20+19.2	21.1' LT	2.5	3
20+19.1	21.4' RT	3	3
22+76.6	15.6' LT	3	3
23+60.0	20.3' LT	4	4
23+60.0	20.3' RT	4	4
24+00.0	20.2' LT	4	3.5
24+00.0	20.5' RT	4	3.5
27+30.3	20.2' LT	4	3.5
27+70.0	20.5' LT	4	3
27+70.0	20.5' RT	4	2.5

FINAL	SURVEYED	DATE
SURVEY	PLOTTED	BY
NOTE BOOK	TEMPLATE	
NO.	AREAS CHECKED	

ORIGINAL	SURVEYED	DATE
SURVEY	PLOTTED	BY
NOTE BOOK	TEMPLATE	
NO.	AREAS CHECKED	

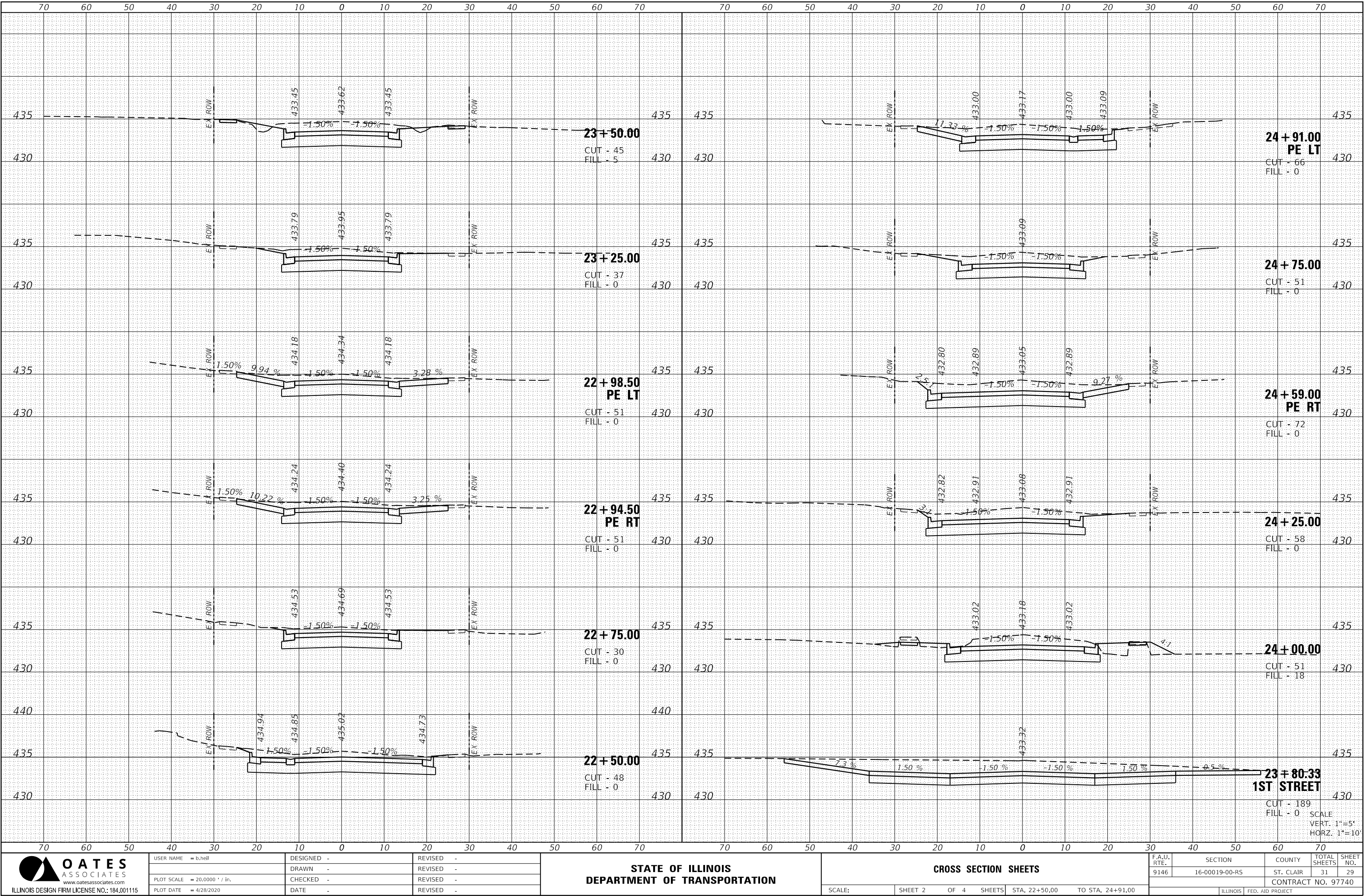
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FINAL	SURVEYED	DATE
SURVEY	PLOTTED	BY
NOTE BOOK	TEMPLATE	
NO.	AREAS CHECKED	

ORIGINAL	SURVEYED	DATE
SURVEY	PLOTTED	BY
NOTE BOOK	TEMPLATE	
NO.	AREAS CHECKED	

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	DRAWN -	REVISED -
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PLOT DATE = 4/28/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTION SHEETS

SCALE: SHEET 2 OF 4 SHEETS STA. 22+50.00 TO STA. 24+91.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9146	16-00019-00-RS	ST. CLAIR	31	29
CONTRACT NO. 97740				
ILLINOIS FED. AID PROJECT				

FINAL	SURVEYED	DATE
SURVEY	PLOTTED	BY
NOTE BOOK	TEMPLATE	
NO.	AREAS CHECKED	

ORIGINAL	SURVEYED	DATE
SURVEY	PLOTTED	BY
NOTE BOOK	TEMPLATE	
NO.	AREAS CHECKED	

MODEL: Default
FILE NAME: H:\11007\MicroStation\Sheets\08.11007-SH-28-28.dgn



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PLOT SCALE = 20.0000 ' / in.
PLOT DATE = 4/28/2020

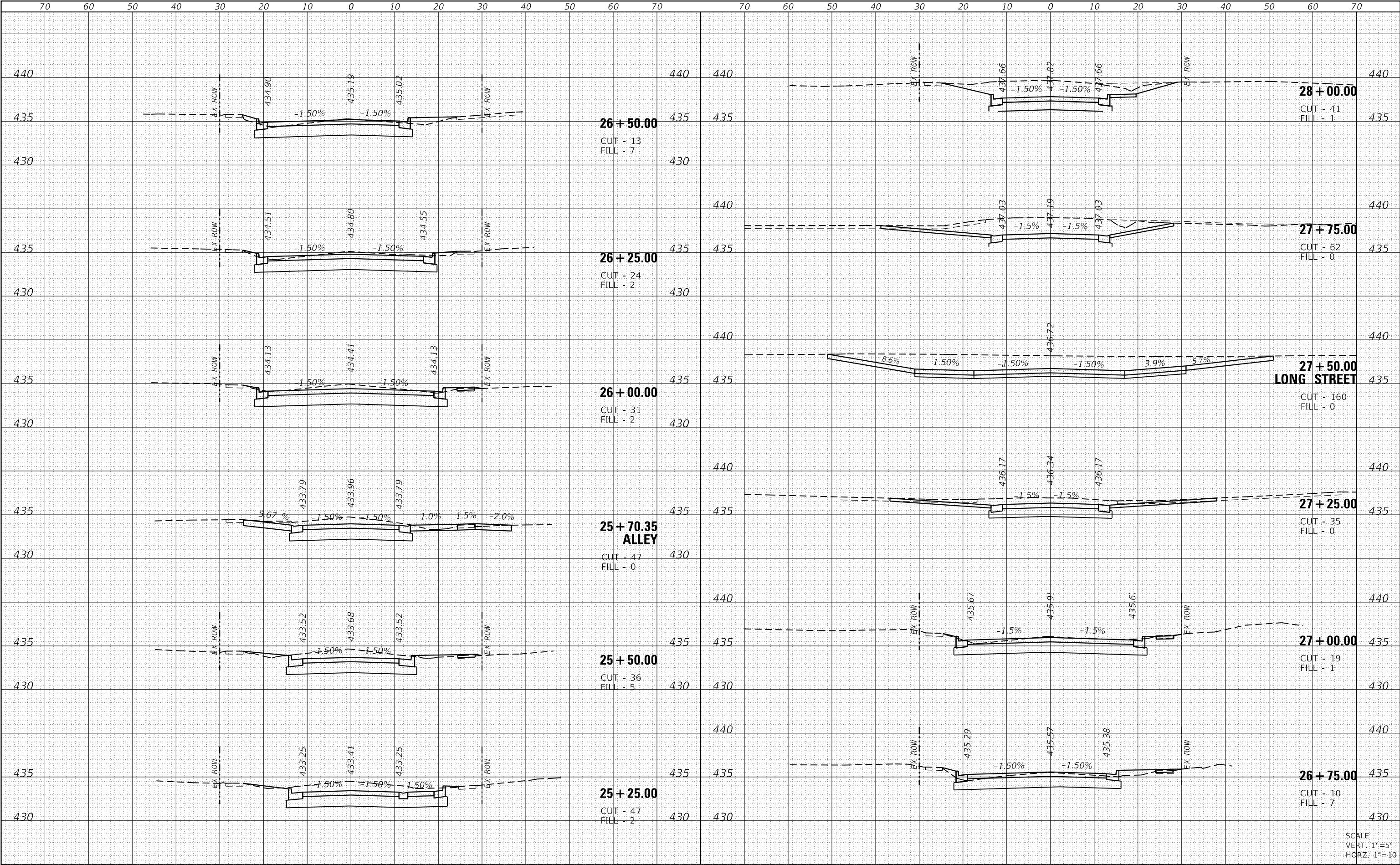
REVISD -
REVISD -
REVISD -
REVISD -
DATE -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTION SHEETS

SCALE: SHEET 3 OF 4 SHEETS STA. 25+25.00 TO STA. 28+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9146	16-0009-00-R5	ST. CLAIR	31	30
CONTRACT NO. 97740				
ILLINOIS FED. AID PROJECT				



FINAL	SURVEYED	DATE
SURVEY	PLOTTED	BY
NOTE BOOK	TEMPLATE	
NO.	AREAS CHECKED	

ORIGINAL	SURVEYED	DATE
SURVEY	PLOTTED	BY
NOTE BOOK	TEMPLATE	
NO.	AREAS CHECKED	

MODEL: Default
FILE NAME: H:\11007\MicroStation\Sheets\08 11007-SHA-28c.dgn



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PLOT DATE = 4/28/2020

DESIGNED -
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CHECKED -
DATE -

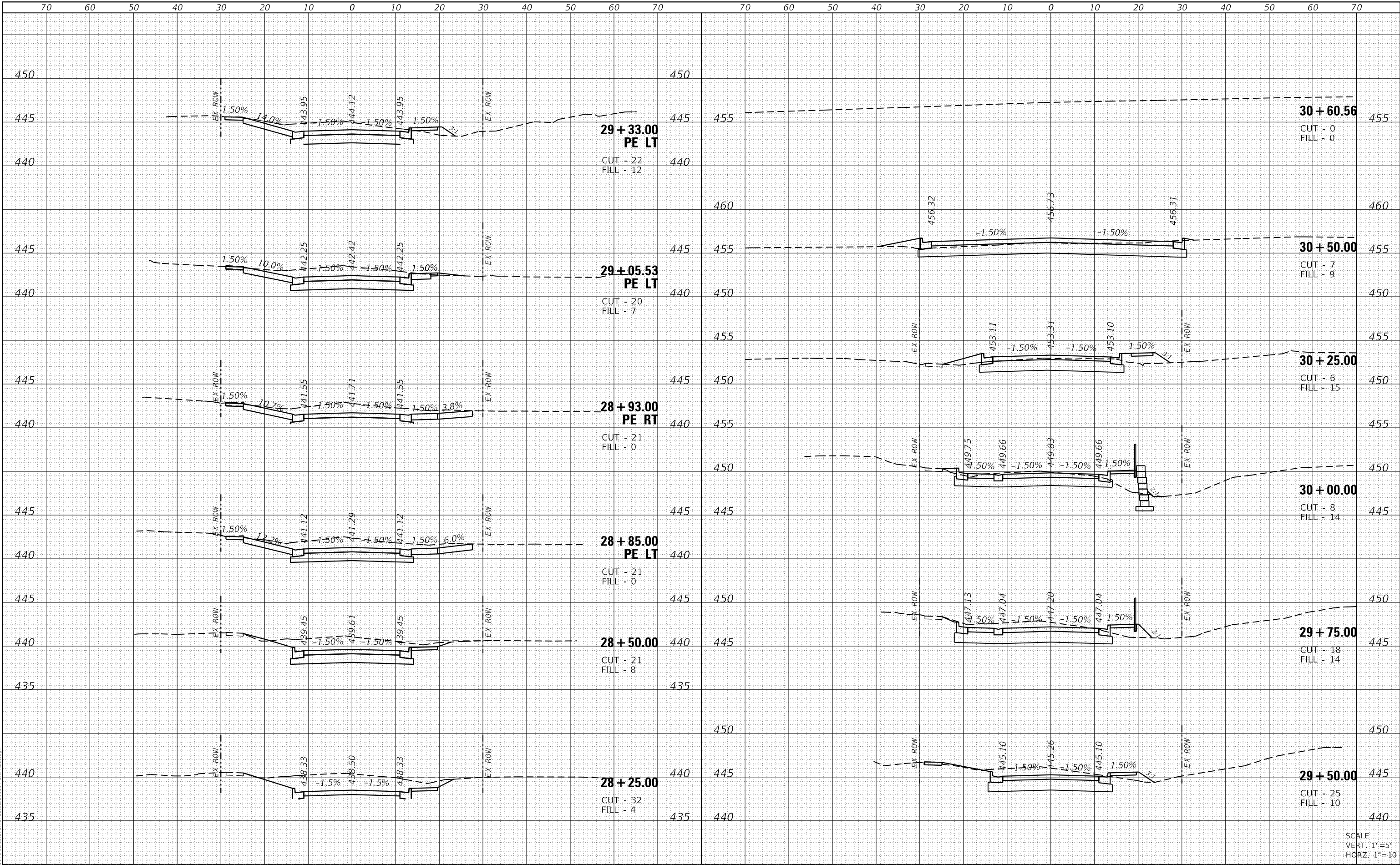
REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTION SHEETS

SCALE: SHEET 4 OF 4 SHEETS STA. 28+25.00 TO STA. 30+60.56

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9146	16-00019-00-RS	ST. CLAIR	31	31
CONTRACT NO. 97740				
ILLINOIS FED. AID PROJECT				



SCALE:
VERT. 1"=5'
HORIZ. 1"=10'