

INDEX OF SHEETS

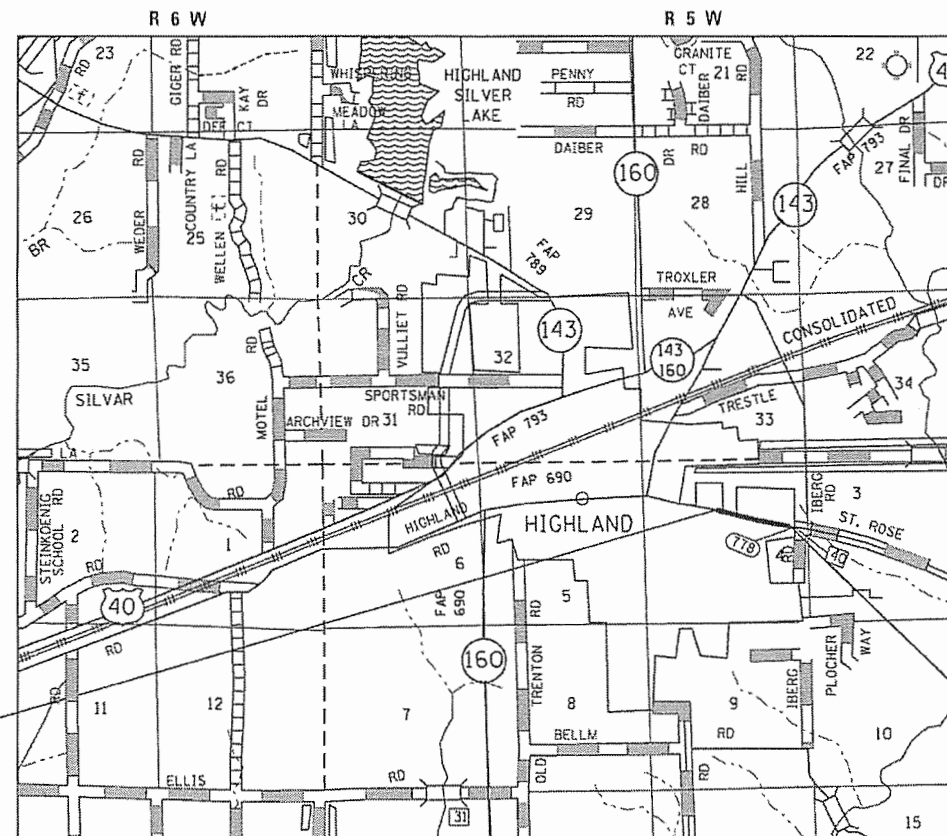
11-08-2019 LETTING ITEM 091

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	16-00069-00-RS	MADISON	40	1
CITY OF HIGHLAND, ILLINOIS		CONTRACT NO. 97712		

SHEET NO.	ITEM
1	COVER SHEET
2	GENERAL NOTES, HIGHWAY STANDARDS, & COMMITMENTS
3-4	SUMMARY OF QUANTITIES
5	TYPICAL SECTIONS
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13	TRAFFIC CONTROL PLAN
14-16	REMOVAL PLAN SHEETS
17-22	INTERSECTION DETAILS
23-25	PAVEMENT MARKING & SIGNAGE SHEETS
26	CONSTRUCTION DETAILS
27-40	CROSS SECTIONS

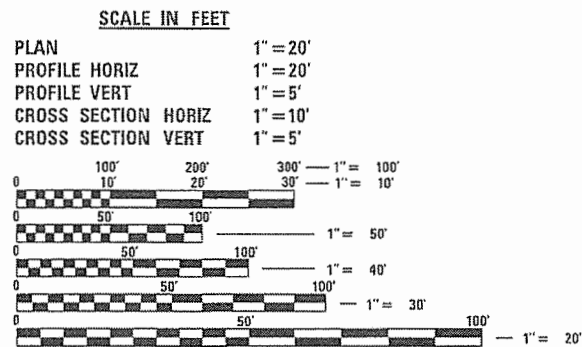
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION PLANS FOR PROPOSED

**STU FUNDS
CITY OF HIGHLAND
BROADWAY RESURFACING
MADISON COUNTY
FAU 8846
SECTION: 16-00069-00-RS
PROJECT NO.: XR6R(307)
JOB NO.: C-98-325-16**



BEGIN RESURFACING
BROADWAY
STA 112+59.15

END RESURFACING
BROADWAY
STA 137+10.98



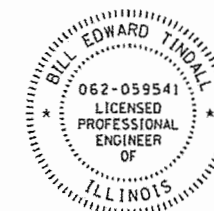
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

DESIGN DESIGNATION
CLASSIFICATION = MINOR ARTERIAL
DESIGN SPEED = 35 MPH
CURRENT ADT = 5,700
DESIGN YEAR ADT (2019) = 5,700

LOCATION MAP

SCALE: 1" = 5,000'
GROSS LENGTH = 2451.830 FEET (0.464 MILES)
NET LENGTH = 2451.830 FEET (0.464 MILES)



Bill Tindall, III
BILL TINDALL, P.E.
IL P.E. NO. 062-059541
License Expires 11/30/2019

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	
APPROVED	DATE
<i>Joseph R. Michaelis</i>	August 5, 2019
JOSEPH R. MICHAELIS	MAYOR OF HIGHLAND
PASSED	DATE
<i>Tom R. Schaefer</i>	August 27, 2019
DISTRICT 8 ENGINEER OF LOCAL ROADS & STREETS	
RELEASING FOR BID BASED ON LIMITED REVIEW	DATE
<i>Keith Robertops</i>	August 27, 2019
REGION FIVE ENGINEER	

OATES ASSOCIATES

Collinsville 100 Lanzer Court, Suite 1 Collinsville, IL 62234 618.345.2200	St. Louis 720 Olive, Suite 700 St. Louis, MO 63101 314.508.9381
Belleville 26 East Main Street Belleville, IL 62200 618.416.6568 www.oatesassociates.com	St. Charles 339 North Main, Suite 201 St. Charles, MO 63301 636.493.6277

ILLINOIS DESIGN FIRM LICENSE NO.: 184.201116

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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 BACK OF CURB TO THE NEAR EDGE OF THE OBJECT.
2. THE FOLLOWING UTILITY COMPANIES MAY HAVE FACILITIES LOCATED WITHIN THE LIMITS OF CONSTRUCTION WHICH MAY REQUIRE ADJUSTMENT, RELOCATION OR REMOVAL. ALL ARE MEMBERS OF J.U.L.I.E., UNLESS NOTED OTHERWISE.

AMEREN IP (GAS)
2600 NORTH CENTER
MARYVILLE, IL 62062
CONTACT: JOHN WESTERHEIDE
(618) 346-1245

CHARTER (COMMUNICATIONS)
815 CHARTER COMMONS
TOWN & COUNTRY, MO 63017
CONTACT: KEVIN WALTZ
(314) 393-5028

CITY OF HIGHLAND (WATER, SEWER, ELECTRIC, & FIBER OPTIC)
2610 PLAZA DRIVE
HIGHLAND, IL 62249
CONTACT: DAN COOK (ELECTRIC/FIBER)
(618) 654-7511
CONTACT RANDY RINDERER (WATER/SEWER)
(618) 654-6823

FRONTIER-SOUTH (COMMUNICATIONS)
111 EAST STATE STREET
MASCOUTAH, IL 62258
CONTACT: CHRIS MARTIN
(618) 566-9815

GENERAL CONSTRUCTION

3. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO ORDERING MATERIALS AND COMMENCING CONSTRUCTION.
4. THE CONTRACTOR SHALL STAGE ALL WORK IN SUCH A WAY AS TO MAINTAIN INGRESS AND EGRESS TO ALL ABUTTING PROPERTIES AT ALL TIMES DURING CONSTRUCTION. AGGREGATE FOR TEMPORARY ACCESS WILL BE MEASURED FOR PAYMENT AS SPECIFIED IN THE CONTRACT. THE COST OF ALL OTHER MATERIALS REQUIRED AND ALL OTHER LABOR NECESSARY TO COMPLY WITH THIS PROVISION WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT.
5. THE CONTRACTOR SHALL CONFINE ALL OPERATIONS TO THE CONSTRUCTION LIMITS LINE SHOWN ON THE PLANS. ANY AREA DISTURBED BEYOND THESE LIMITS SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
6. 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.
7. ALL EXISTING ROADWAY FEATURES INCLUDING, BUT NOT LIMITED TO, PAVEMENT, CURB, SIDEWALK, DRIVEWAY PAVEMENT, CULVERTS, RIPRAP, 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

8. 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."

PAVING

9. THE CONTRACTOR SHALL NOTE THE LOCATION OF ALL MANHOLE AND VALVE COVER FRAMES AND LIDS LOCATED WITHIN THE RESURFACING LIMITS. APPROPRIATE CARE SHALL BE TAKEN TO PROTECT THESE ITEMS DURING MILLING OPERATIONS.
10. THE THICKNESS OF THE HOT-MIX ASPHALT MIXTURES SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA MIXTURES ARE PLACED.
11. AT VARIOUS LOCATIONS, IT MAY BE NECESSARY TO TRANSITION PROPOSED GUTTER TO MEET EXISTING GUTTERS. THE MINIMUM LENGTH OF TRANSITIONAL COMBINATION CURB AND GUTTER SHALL BE 5 FEET, UNLESS DIRECTED OTHERWISE BY THE ENGINEER.

DRAINAGE

12. FLARED END SECTIONS ARE LOCATED BY STATION, OFFSET, AND FLOWLINE ELEVATION AT THE FLARED END OF THE FLARED END SECTION.

PAVEMENT MARKING


13. THE CONTRACTOR SHALL APPLY SHORT-TERM OR TEMPORARY PAVEMENT MARKINGS TO THE MILLED, PRIMED AND EACH HOT-MIX ASPHALT LAYER. A QUANTITY FOR SHORT-TERM OR TEMPORARY PAVEMENT MARKING EQUAL TO THE AMOUNT OF PERMANENT PAVEMENT MARKING TIMES THE NUMBER OF REQUIRED APPLICATIONS HAS BEEN INCLUDED IN THE PLANS. ONLY THE FINAL APPLICATION OF SHORT-TERM OR TEMPORARY PAVEMENT MARKINGS SHALL BE REMOVED AND SEPARATE PAYMENT WILL BE MADE FOR WORK ZONE PAVEMENT MARKING REMOVAL

ABBREVIATIONS, SYMBOLS, & APPROXIMATE QUANTITIES

14. 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	10	TON
MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	1.5	TON
CLASS D PATCHES, TYPE I, 9 INCHES	82	SQ YD
CLASS D PATCHES, TYPE II, 9 INCHES	82	SQ YD
CLASS D PATCHES, TYPE III, 9 INCHES	82	SQ YD
CLASS D PATCHES, TYPE IV, 9 INCHES	82	SQ YD

15. THE FOLLOWING SYMBOLS, ABBREVIATIONS AND PATTERNS SUPPLEMENT OR SUPERCEDE HIGHWAY STANDARD 000001:

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

COMMITMENTS

NONE AT THIS TIME

EMERGENCY SERVICE CONTACTS

RICK BLOEMKER, FIRE CHIEF
1115 BROADWAY
PO BOX 218
HIGHLAND, IL 62249
(618) 654-5901

BRAIN WILSON, EMS CHIEF
1122 BROADWAY
PO BOX 218
HIGHLAND, IL 62249
(618) 654-5901

HIGHLAND POLICE DEPARTMENT
820 MULBERRY ST.
HIGHLAND, IL 62249
(618) 654-2131

HIGHWAY STANDARDS

000001-07	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
482011-03	HMA SHLD. STRIPS/SHLDS. WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
542606-02	REINFORCED CONCRETE PIPE TEE
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS >= 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS >= 45 MPH
701311-03	LANE CLOSURE, 2L, 2W MOVING OPERATIONS-DAY ONLY
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
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
	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS (TWO-LANE TWO WAY RURAL TRAFFIC) (ROAD CLOSED TO THRU TRAFFIC)
BLR22-7	

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USER NAME = ryan.gueldener	DESIGNED -	REVISED -
PLOT SCALE = 10.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 8/12/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES, HIGHWAY STANDARDS, & COMMITMENTS

SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	16-00069-00-RS	MADISON	40	2
CITY OF HIGHLAND, ILLINOIS		CONTRACT NO. 97712		
ILLINOIS		FED. AID PROJECT		

SI	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY
	*	20200100	EARTH EXCAVATION	CU YD	560
	*	20800150	TRENCH BACKFILL	CU YD	9
	*	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	1,604
		25100635	HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	338
		28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	150
		28000305	TEMPORARY DITCH CHECKS	FOOT	40
		31100300	SUBBASE GRANULAR MATERIAL, TYPE A 4"	SQ YD	799
		35101100	AGGREGATE BASE COURSE, TYPE A 12"	SQ YD	1,342
		40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	10
		40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	4,271
		40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	1.5
		40600990	TEMPORARY RAMP	SQ YD	800
	*	40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	915
	*	40604090	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N30	TON	415

SI	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY
	*	42000900	HIGH-EARLY-STRENGTH PORTLAND CEMENT CONCRETE PAVEMENT 8"	SQ YD	1,242
		42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	6,108
		42400400	PORTLAND CEMENT CONCRETE SIDEWALK 7 INCH	SQ FT	823
	*	42400800	DETECTABLE WARNINGS	SQ FT	121
		44000100	PAVEMENT REMOVAL	SQ YD	903
	*	44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	9,492
		44000400	GUTTER REMOVAL	FOOT	412
		44000600	SIDEWALK REMOVAL	SQ FT	5,615
	*	44201749	CLASS D PATCHES, TYPE I, 9 INCH	SQ YD	82
	*	44201753	CLASS D PATCHES, TYPE II, 9 INCH	SQ YD	82
	*	44201757	CLASS D PATCHES, TYPE III, 9 INCH	SQ YD	82
	*	44201759	CLASS D PATCHES, TYPE IV, 9 INCH	SQ YD	82
		44300100	AREA REFLECTIVE CRACK CONTROL TREATMENT	SQ YD	9,492
	*	50105220	PIPE CULVERT REMOVAL	FOOT	148

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

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PLOT DATE = 9/30/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	16-00069-00-RS	MADISON	40	3
CITY OF HIGHLAND, ILLINOIS		CONTRACT NO. 97712		
ILLINOIS		FED. AID PROJECT		

SI	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY
		54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	2
		54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	4
		54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	5
		54216180	REINFORCED CONCRETE PIPE TEE, 12" PIPE WITH 12" RISER	EACH	1
		54248510	CONCRETE COLLAR	CU YD	0.6
		542A0217	PIPE CULVERTS, CLASS A, TYPE 1 12"	FOOT	45
		542A0220	PIPE CULVERTS, CLASS A, TYPE 1 15"	FOOT	71
		542A0223	PIPE CULVERTS, CLASS A, TYPE 1 18"	FOOT	202
*		56109210	WATER VALVES TO BE ADJUSTED	EACH	2
		60255500	MANHOLES TO BE ADJUSTED	EACH	1
		67100100	MOBILIZATION	L SUM	1
		70300100	SHORT TERM PAVEMENT MARKING	FOOT	756
		70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	84
		70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	13,544

SI	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY
*		72000100	SIGN PANEL - TYPE 1	SQ FT	104.8
*		72900200	METAL POST - TYPE B	FOOT	191
*		78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	13,544
*		X2500900	SEEDING, CLASS 1 (SPECIAL)	ACRE	0.75
*		X6062400	CONCRETE GUTTER (SPECIAL)	FOOT	414
*		X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1
*		X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	4,515
*		X7240205	REMOVE SIGN COMPLETE	EACH	18
*		Z0029604	HEADWALL REMOVAL	EACH	4

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

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ILLINOIS DESIGN FIRM LICENSE NO.: 184.001116

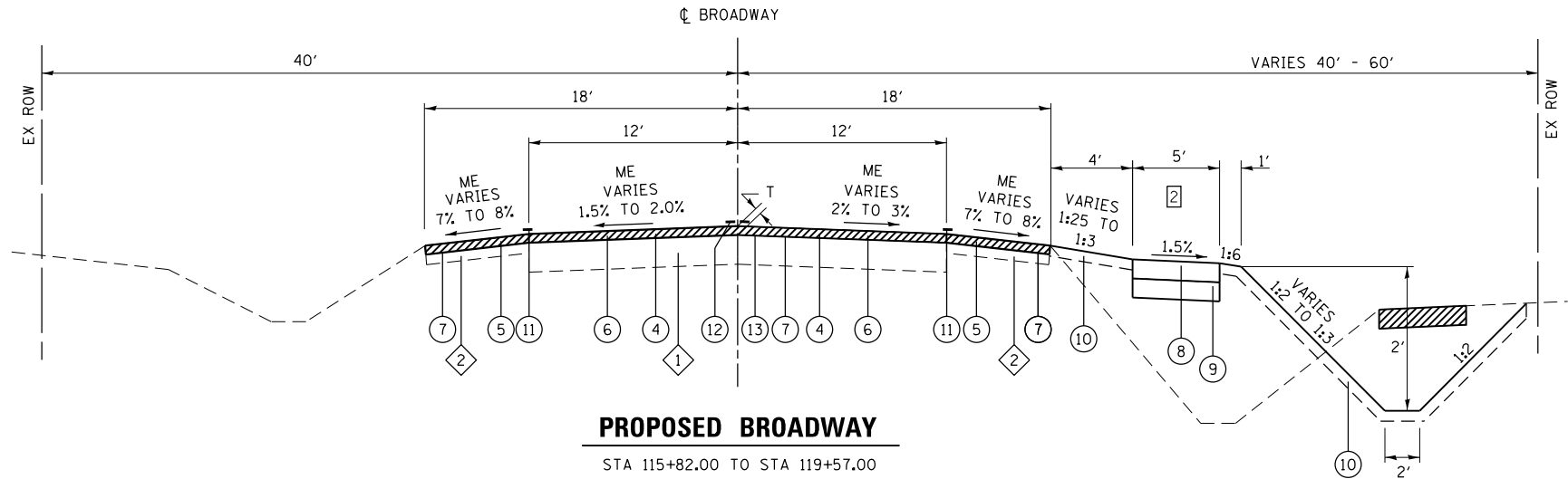


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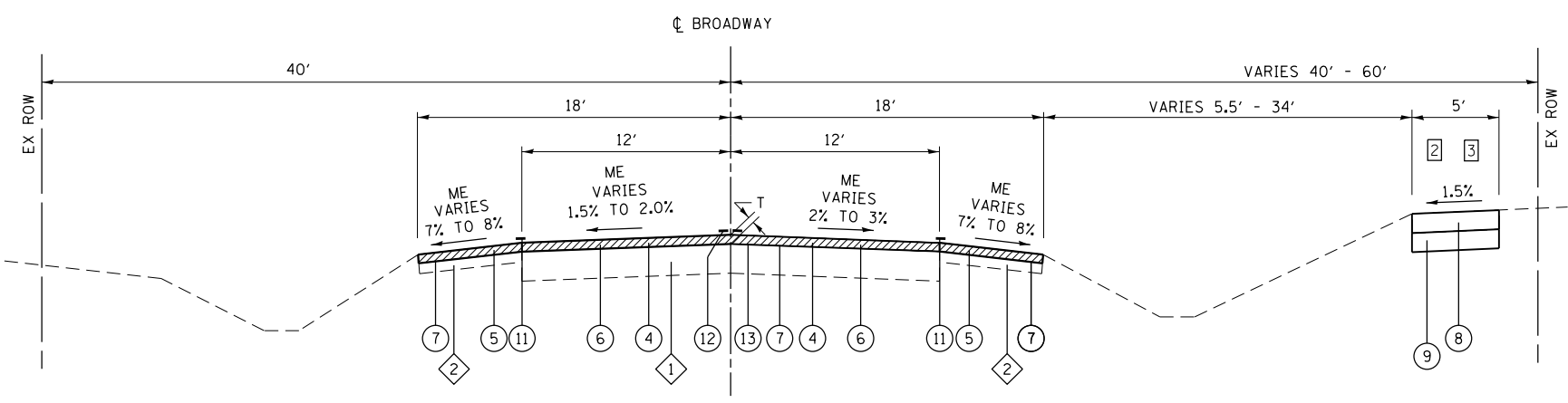
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
SCALE: NTS	SHEET 2	OF 2	SHEETS

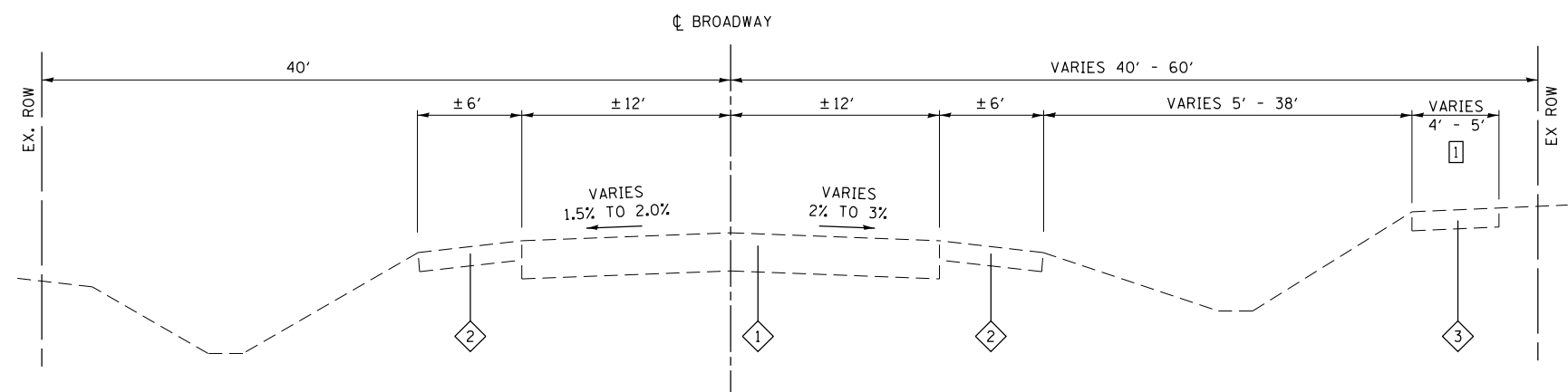
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	16-00069-00-RS	MADISON	40	4
CITY OF HIGHLAND, ILLINOIS		CONTRACT NO. 97712		
ILLINOIS FED. AID PROJECT				



PROPOSED BROADWAY
STA 115+82.00 TO STA 119+57.00



PROPOSED BROADWAY
STA 119+57.00 TO STA 137+10.98
STA 112+59.15 TO STA 115+82.00



EXISTING BROADWAY
STA 112+59.15 TO STA 137+10.98

TYPICAL SECTION LEGEND

- 1 EXISTING HOT-MIX ASPHALT PAVEMENT, 1 1/2"
- 2 EXISTING HOT-MIX ASPHALT SHOULDER, 6"
- 3 EXISTING CONCRETE SIDEWALK
- 4 PROPOSED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, 2 1/2"
- 5 PROPOSED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N30, 2 1/2"
- 6 PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
- 7 PROPOSED TACK COAT
- 8 PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 4"
- 9 PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A, 4"
- 10 PROPOSED TOPSOIL FURNISH AND PLACE, 4"
- 11 PROPOSED 4" WHITE EDGE LINE
- 12 PROPOSED 4" YELLOW DOUBLE CENTERLINE
- 13 AREA REFLECTIVE CRACK CONTROL TREATMENT

PROPOSED HMA SURFACE REMOVAL AND SIDEWALK REMOVAL
ME MATCH EXISTING

NOTES:

- 1 EXISTING SIDEWALK IS 4' WIDE WEST OF SUNRISE CT AND 5' WIDE EAST OF SUNRISE CT.
- 2 PROPOSED SIDEWALK TO BE CONSTRUCTED FROM HELVETIA DRIVE TO SUNRISE COURT ONLY.
- 3 SIDEWALK IS EXISTING FROM STA 128+75.00 TO STA 137+10.98

MIXTURES TABLE

MIXTURE USE	SURFACE	SHOULDER
THICKNESS	2-1/2 INCHES	2-1/2 INCHES
AC/PG	PG 64-22	PG 64-22
RAP % (MAX)	SEE BDE SPECIAL PROVISIONS	SEE BDE SPECIAL PROVISIONS
DESIGN AIR VOIDS	4.0% @ Ndes=70	4.0% @ Ndes=30
MIX COMPOSITION	IL-9.5	IL-9.5L
DENSITY TESTING METHOD	CORES / NUCLEAR	CORES / NUCLEAR
FRICTION AGG	MIXTURE "D"	MIXTURE "C"

MODEL: Default
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 ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115



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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	16-00069-00-RS	MADISON	40	5
CITY OF HIGHLAND, ILLINOIS		CONTRACT NO. 97712		
ILLINOIS FED. AID PROJECT				

GUTTER

STATION	STATION	OFFSET	SUB GRAN MAT A 4 (SQ YD)	GUTTER REM (FOOT)	CONC GUTTER (SPECIAL) (FOOT)
113+31	113+47	RT		33	37
113+74	113+87	RT		25	31
116+14	116+25	RT	13	39	31
116+53	116+56	RT		31	26
118+86	118+94	RT	10	32	21
119+23	119+28	RT		31	26
121+54	121+74	RT		58	58
122+01	122+07	RT		50	51
124+05	124+30	RT		50	56
124+57	124+72	RT		40	49
127+91	128+11	RT	6	23	28
TOTAL			29	412	414

SIDEWALK

STATION	STATION	OFFSET	SUB GRAN MAT A 4 (SQ YD)	PC CONC SIDEWALK 4 (SQ FT)	PC CONC SIDEWALK 7 (SQ FT)	DETECTABLE WARNINGS (SQ FT)	SIDEWALK REM (SQ FT)
112+59	113+42	RT	45	343	64	10	321
113+76	116+12	RT	131	1,039	142	21	915
116+55	118+82	RT	124	972	144	20	929
119+28	121+67	RT	136	1,070	156	20	1,004
121+98	124+22	RT	124	994	119	20	890
124+58	128+00	RT	191	1,590	130	20	1,389
128+39	128+75	RT	19	100	68	10	167
TOTAL			770	6,108	823	121	5,615

SIDEWALK NOTES:

- SEE CONSTRUCTION DETAILS SHEET AND HIGHWAY STANDARD 424001 FOR CURB RAMP DETAILS.

SEEDING & EROSION CONTROL

STATION	STATION	OFFSET	HD EROS CONTR BLANKET (SQ YD)	TEMP EROS CONTR SEED (POUND)	TEMP DITCH CHECKS (FOOT)	SEEDING CL 1 SPL (ACRE)
112+59	113+41	RT		5		0.03
113+76	116+25	RT	32	20	7	0.10
116+53	118+92	RT	269	20	24	0.10
119+22	121+68	RT	37	40	9	0.20
122+01	124+28	RT		20		0.10
124+59	128+10	RT		40		0.20
128+37	128+75	RT		5		0.02
TOTAL			338	150	40	0.75

SEEDING NOTES:

- THE QUANTITY FOR TEMPORARY EROSION CONTROL SEEDING ASSUMES 2 SEPARATE APPLICATIONS AT A RATE OF 100 LBS/ACRE PER APPLICATION. THE CONTRACTOR SHALL APPLY AS NECESSARY AND AS DIRECTED BY THE ENGINEER.
- THE APPLICATION RATE FOR FERTILIZER NUTRIENTS IS 90 LBS/ACRE FOR ESTIMATION PURPOSES.
- THE APPLICATION RATE FOR MULCH METHOD 2 IS 2 TONS/ACRE FOR ESTIMATION PURPOSES.
- FERTILIZER NUTRIENTS AND MULCH METHOD 2 APPLICATION INCLUDED WITH SEEDING, CL 1 SPECIAL. SEE SPECIAL PROVISION.

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)	TOPSOIL F & P 4 (SQ YD)
112+59	128+75	560	420	385	35	1,604
TOTAL		560	420	385	35	1,604

EARTHWORK NOTES:

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

SIGN

STATION	OFFSET	TYPE	DESCRIPTION	SIZE (FT X FT)	SIGN PANEL T1 (SQ FT)	METAL POST TY B (NOTE 1) (FOOT)	REMOVE SIGN COMPLETE (EACH)
113+78	RT	R1-1	STOP	30x30	4.9	15	1
113+78	RT	D3-1	BROADWAY	42x8	2.3		
113+78	RT	D3-1	KEEVEN	36x8	2.0		
114+09	RT	R12-1	WEIGHT LIMIT	24x30	5.0	14	1
116+58	RT	R1-1	STOP	30x30	4.9	15	1
116+58	RT	D3-1	BROADWAY	42x8	2.3		
116+58	RT	D3-1	SUN	36x8	2.0		
117+84	RT		PED CROSSING & NO PASSING				1
118+06	LT		PED CROSSING & NO PASSING				1
118+72	LT		STOP HERE FOR PED SIGN				1
119+31	RT	R1-1	STOP	30x30	4.9	15	1
119+31	RT	D3-1	BROADWAY	42x8	2.3		
119+31	RT	D3-1	SUNFISH	42x8	2.3		
122+02	RT	R1-1	STOP	30x30	4.9	15	1
122+02	RT	D3-1	BROADWAY	42x8	2.3		
122+02	RT	D3-1	SUNDEW	36x8	2.0		
123+06	LT	R4-1	DO NOT PASS	24x30	5.0	14	1
123+17	LT	R1-1	STOP	30x30	4.9	15	1
123+17	LT	D3-1	BROADWAY	42x8	2.3		
123+17	LT	D3-1	MEADOWLARK	48x8	2.7		
124+60	RT	R1-1	STOP	30x30	4.9	15	1
124+60	RT	D3-1	BROADWAY	42x8	2.3		
124+60	RT	D3-1	SUNFLOWER	48x8	2.7		
125+68	LT	R2-1	SPEED LIMIT	24x30	5.0	14	1
125+77	RT	R2-1	SPEED LIMIT	24x30	5.0	14	1
126+67	LT	R1-1	STOP	30x30	4.9	15	1
126+67	LT	D3-1	BROADWAY	42x8	2.3		
126+67	LT	D3-1	SUNSET	36x8	2.0		
127+54	RT		PED XING / STOP AT X-WALK				1
128+43	RT	R1-1	STOP	30x30	4.9	15	1
128+43	RT	D3-1	BROADWAY	42x8	2.3		
128+43	RT	D3-1	SUNRISE	36x8	2.0		
128+48	LT		PED XING / STOP AT X-WALK				1
129+61	LT	R1-1	STOP	30x30	4.9	15	1
129+61	LT	D3-1	BROADWAY	42x8	2.3		
129+61	LT	D3-1	SUNBEAM	42x8	2.3		
TOTAL:					104.8	191	18

SIGN NOTES:

- SEE SPECIAL PROVISION "EXPANSION JOINTS" FOR PLACEMENT IN PCC SIDEWALK.
- STREET NAME SIGNS (D3-1) SHALL BE BLUE IN COLOR. MATCH EXISTING SIGNAGE WITHIN CITY OF HIGHLAND.

MODEL: Default
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USER NAME = ryan.gueldener
DESIGNED -
DRAWN -
PLOT SCALE = 50.0000 ' / in.
CHECKED -
PLOT DATE = 9/30/2019
DATE -

REVISOR -
REVISOR -
REVISOR -
REVISOR -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

SCHEDULES

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	16-00069-00-RS	MADISON	40	6
CITY OF HIGHLAND, ILLINOIS		CONTRACT NO. 97712		
ILLINOIS FED. AID PROJECT				

PAVEMENT

STATION	STATION	OFFSET	AGG BASE CSE A 12	BIT MATLS TACK CT	TEMPORARY RAMP	HMA SC IL-9.5 "C" N30 (NOTE 1 & 2)	HMA SC IL-9.5 "D" N70 (NOTE 1 & 2)	HES PCC PAVEMENT 8	PAVEMENT REMOVAL	HMA SURF REM 2 1/2	AREA REF CR CON TREAT
			(SQ YD)	(POUND)	(SQ YD)	(TON)	(TON)	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)
112+59	113+59	LT/RT			400						
112+59	137+11	LT/RT		4,271			915			9,492	9,492
112+59	137+11	LT				229					
112+59	113+24	RT				6					
113+51		RT	173					156			
113+97	115+91	RT				18					
116+27		RT	228					217	242		
116+73	118+61	RT				18					
118+98		RT	229					219			
119+47	121+47	RT				19					
121+73		RT	243					217	221		
122+14	123+95	RT				17					
124+30		RT	264					238	242		
124+82	127+79	RT				28					
128+13		RT	205					195	198		
128+58	137+11	RT				80					
136+11	137+11	LT/RT			400						
TOTAL			1,342	4,271	800	415	915	1,242	903	9,492	9,492

PAVEMENT NOTES:

- APPLICATION RATES USED FOR QUANTITY ESTIMATES ARE AS FOLLOWS:
HOT-MIX ASPHALT:
BITUMINOUS MATERIALS TACK COAT (MILLED): 0.05 LBS/SO FT
HOT MIX ASPHALT: 0.056 TON/SO YD/IN
- BITUMINOUS MATERIALS TACK COAT INCLUDED WITH HMA SURFACE COURSE.
SEE SPECIAL PROVISION

PAVEMENT MARKING

STATION	STATION	OFFSET	COMMENT	SHORT TERM PVT MKING	SHRT TRM PVT MK REM	TEMP PVT MK LINE 4	THPL PVT MK LINE 4	TEMP PAVT MKING REMOV
				(FOOT)	(SQ FT)	(FOOT)	(FOOT)	(SQ FT)
112+59	137+11	CL	SKIPPED DASH	252	84			
112+59	137+11	CL	DOUBLE YELLOW CL			4,904	4,904	1,635
112+59	113+32	RT	SOLID EDGE WHITE			146	146	49
112+59	123+18	RT	SOLID EDGE WHITE			2,118	2,118	706
113+43	113+74	RT	CROSSWALK					
113+88	115+98	RT	SOLID EDGE WHITE			420	420	140
116+06	116+59	RT	CROSSWALK					
116+58	118+66	RT	SOLID EDGE WHITE			416	416	139
118+76	119+32	RT	CROSSWALK					
119+36	121+54	RT	SOLID EDGE WHITE			436	436	145
121+68	121+97	RT	CROSSWALK					
122+11	124+05	RT	SOLID EDGE WHITE			388	388	129
123+82	126+64	LT	SOLID EDGE WHITE			564	564	188
124+22	124+56	RT	CROSSWALK					
124+65	127+83	RT	SOLID EDGE WHITE			636	636	212
127+15	129+56	LT	SOLID EDGE WHITE			482	482	161
127+95	128+43	RT	CROSSWALK					
128+53	137+11	RT	SOLID EDGE WHITE			1,716	1,716	572
130+02	131+48	LT	SOLID EDGE WHITE			292	292	97
131+98	137+11	LT	SOLID EDGE WHITE			1,026	1,026	342
			# OF APPLICATIONS	3	1			
TOTAL				756	84	13,544	13,544	4,515

PAVEMENT MARKING NOTES:

- SEE HIGHWAY STANDARD 780001 FOR PAVEMENT MARKING DETAILS.

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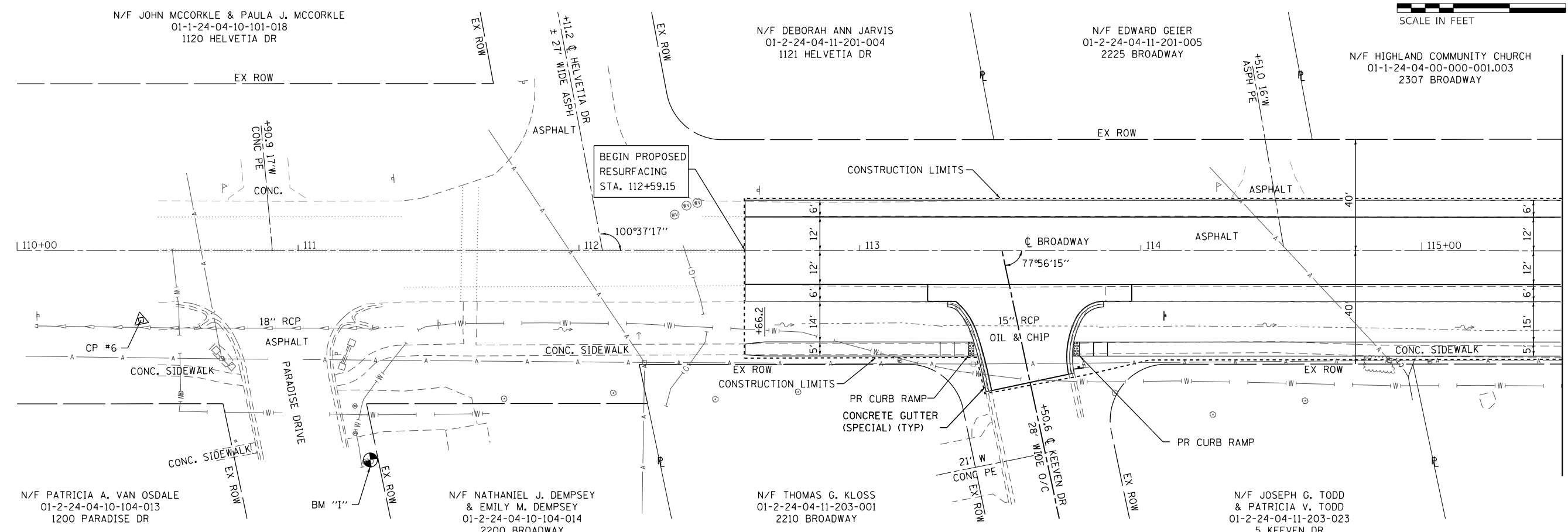


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PLOT DATE = 9/30/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

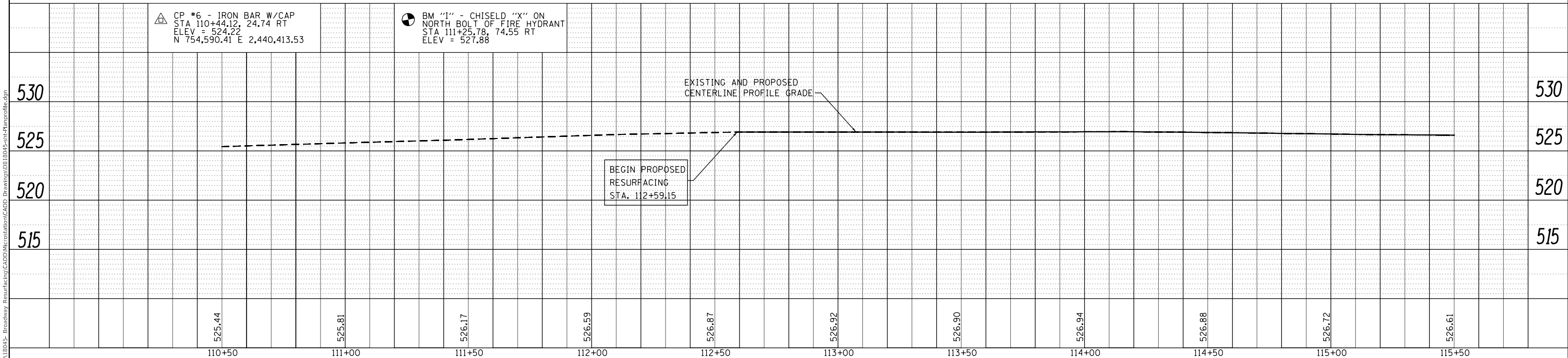
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	16-00069-00-RS	MADISON	40	7
CITY OF HIGHLAND, ILLINOIS		CONTRACT NO. 97712		
ILLINOIS		FED. AID PROJECT		



PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATIONS	
	NO.	



OATES ASSOCIATES
ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115

USER NAME = ryan.gueldener	DESIGNED -	REVISED -
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PLOT DATE = 8/12/2019	CHECKED -	REVISED -
	DATE -	REVISED -

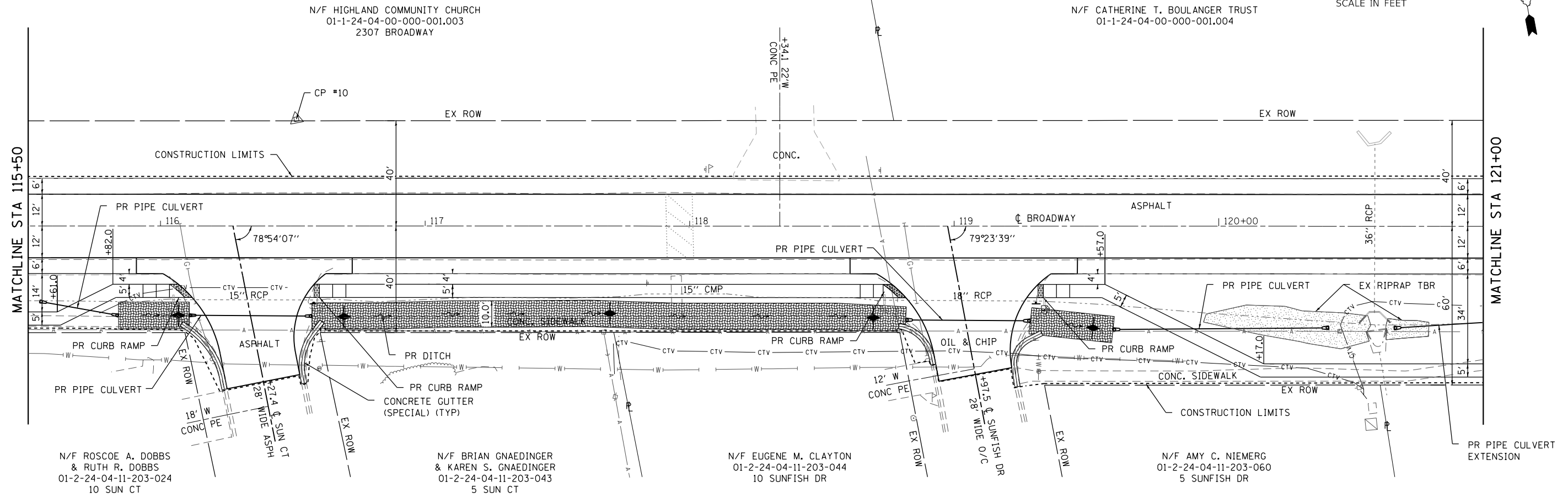
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE: 1"=20'			
SHEET 1	OF 5	SHEETS	
STA. 110+50		TO STA. 115+50	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	16-00069-00-RS	MADISON	40	8
CITY OF HIGHLAND, ILLINOIS		CONTRACT NO. 97712		
ILLINOIS		FED. AID PROJECT		

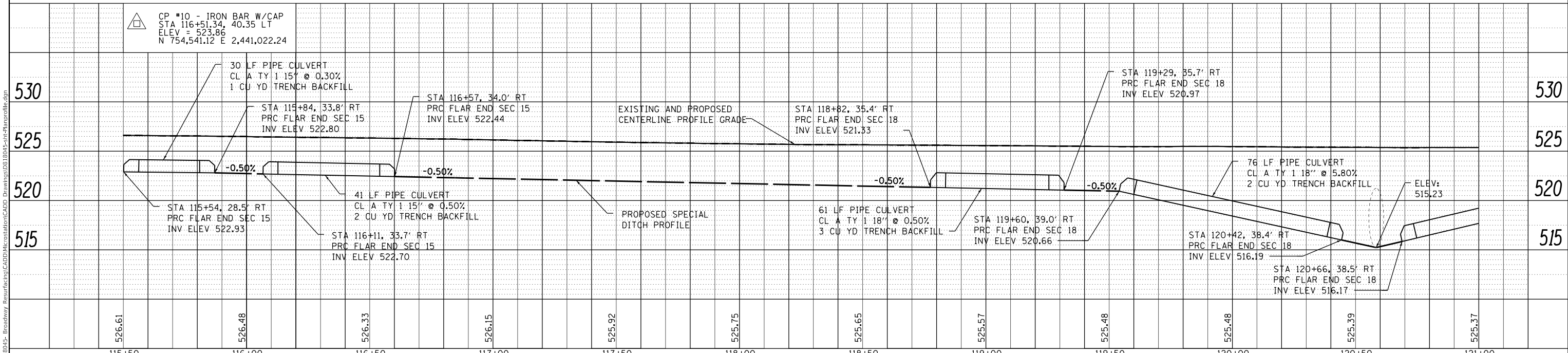
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PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	NOTE BOOK	
	NO.	
	FILE NAME	
	NO.	



PLAN SHEET LEGEND

- HEAVY DUTY EROSION CONTROL BLANKET
- TEMPORARY DITCH CHECK



MODEL: PP 2
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 OATES ASSOCIATES
 ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115

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PLOT DATE = 8/12/2019	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

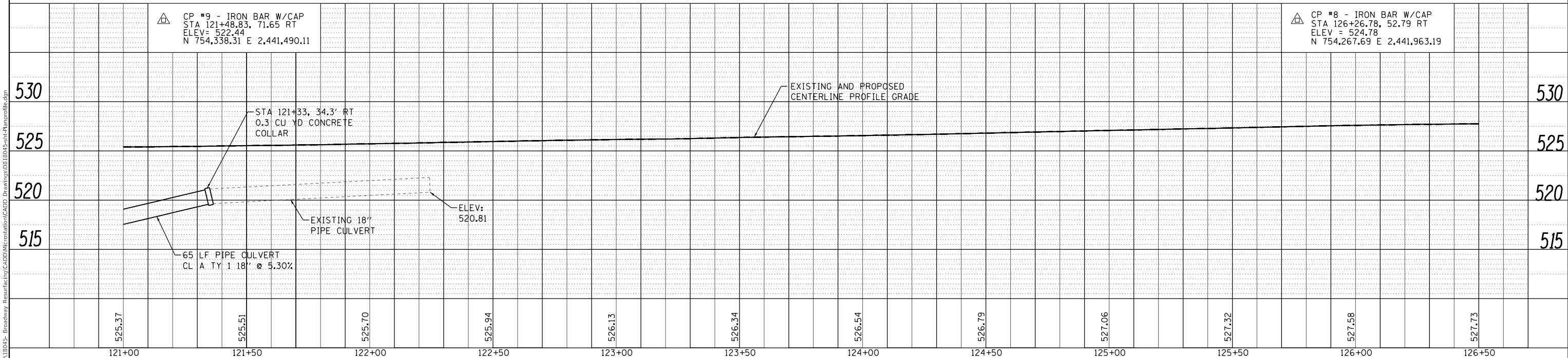
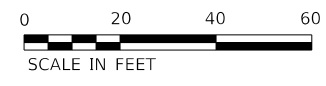
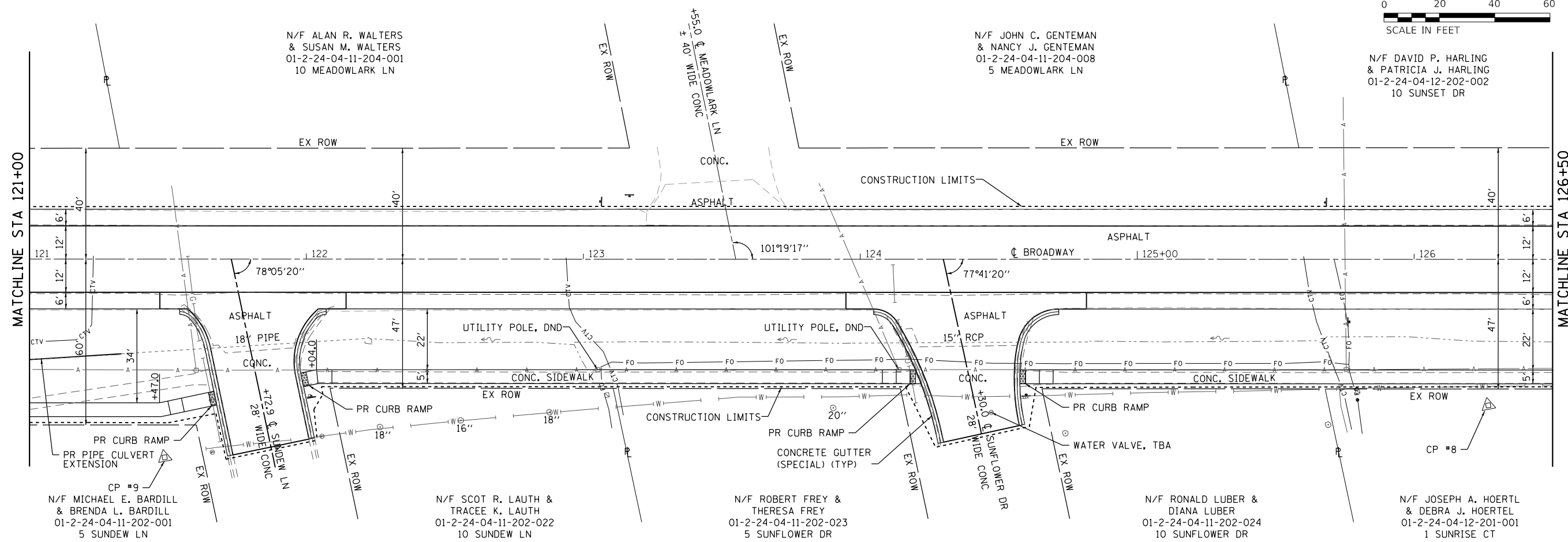
PLAN & PROFILE SHEETS
 SCALE: 1"=20'
 SHEET 2 OF 5 SHEETS
 STA. 115+50 TO STA. 121+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	16-00069-00-RS	MADISON	40	9
CITY OF HIGHLAND, ILLINOIS		CONTRACT NO. 97712		
ILLINOIS		FED. AID PROJECT		

PLAN	SURVISED	DATE
	PLOTTED	
	ALIGNMENT CHECKED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CADD FILE NAME	

PROFILE	SURVISED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CADD FILE NAME	

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121+00	121+50	122+00	122+50	123+00	123+50	124+00	124+50	125+00	125+50	126+00	126+50
525.37	525.51	525.70	525.94	526.13	526.34	526.54	526.79	527.06	527.32	527.58	527.73

OATES ASSOCIATES
 ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115

USER NAME = ryan.gueldeher	DESIGNED -	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 8/12/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

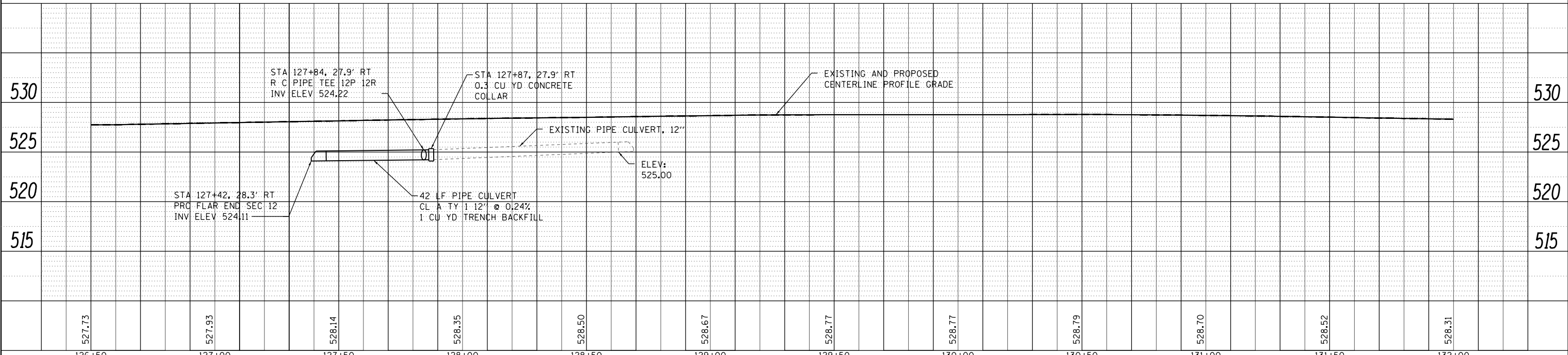
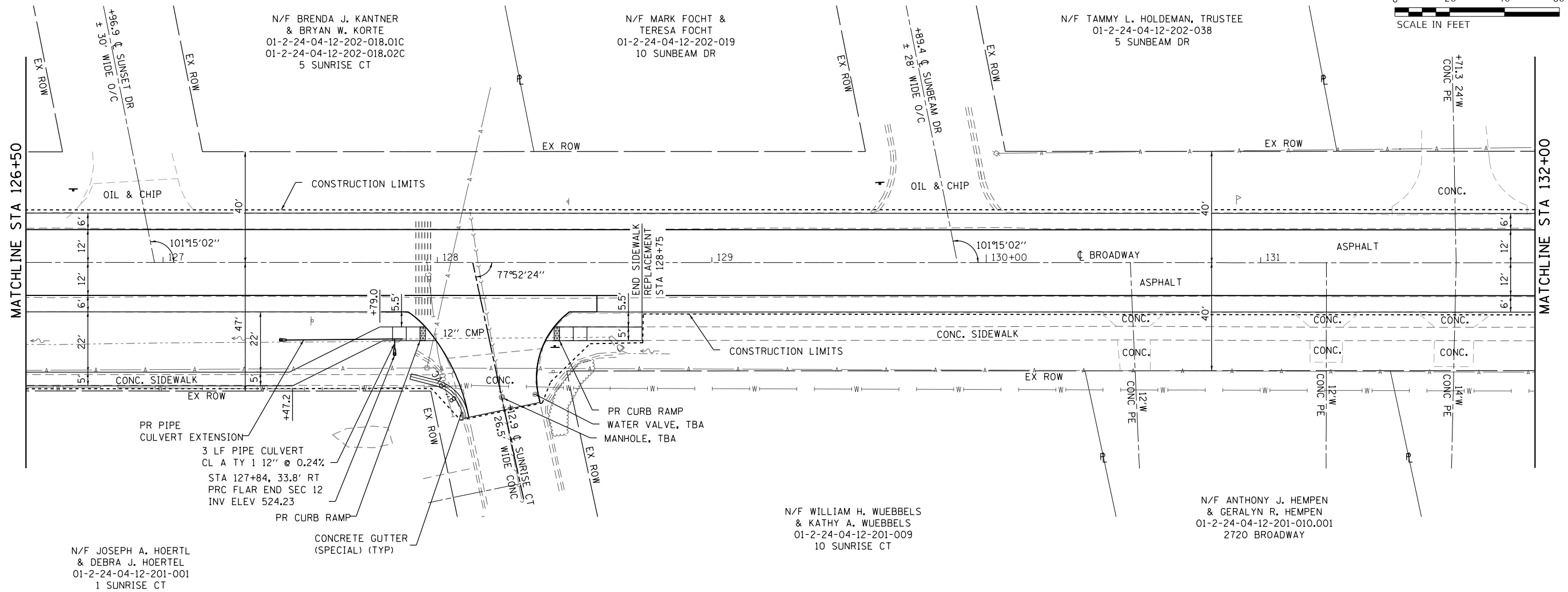
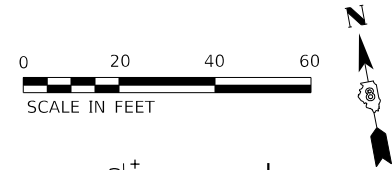
PLAN & PROFILE SHEETS
 SCALE: 1"=20' SHEET 3 OF 5 SHEETS STA. 121+00 TO STA. 126+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	16-00069-00-RS	MADISON	40	10
CITY OF HIGHLAND, ILLINOIS			CONTRACT NO. 97712	
ILLINOIS		FED. AID PROJECT		

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
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	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CADD FILE NAME	

MODEL: PP 4
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126+50	127+00	127+50	128+00	128+50	129+00	129+50	130+00	130+50	131+00	131+50	132+00
527.73	527.93	528.14	528.35	528.50	528.67	528.77	528.77	528.79	528.70	528.52	528.31

OATES ASSOCIATES
 ILLINOIS DESIGN FIRM LICENSE NO.: 184,001115

USER NAME = ryan.gueldener	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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PLOT DATE = 8/12/2019	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

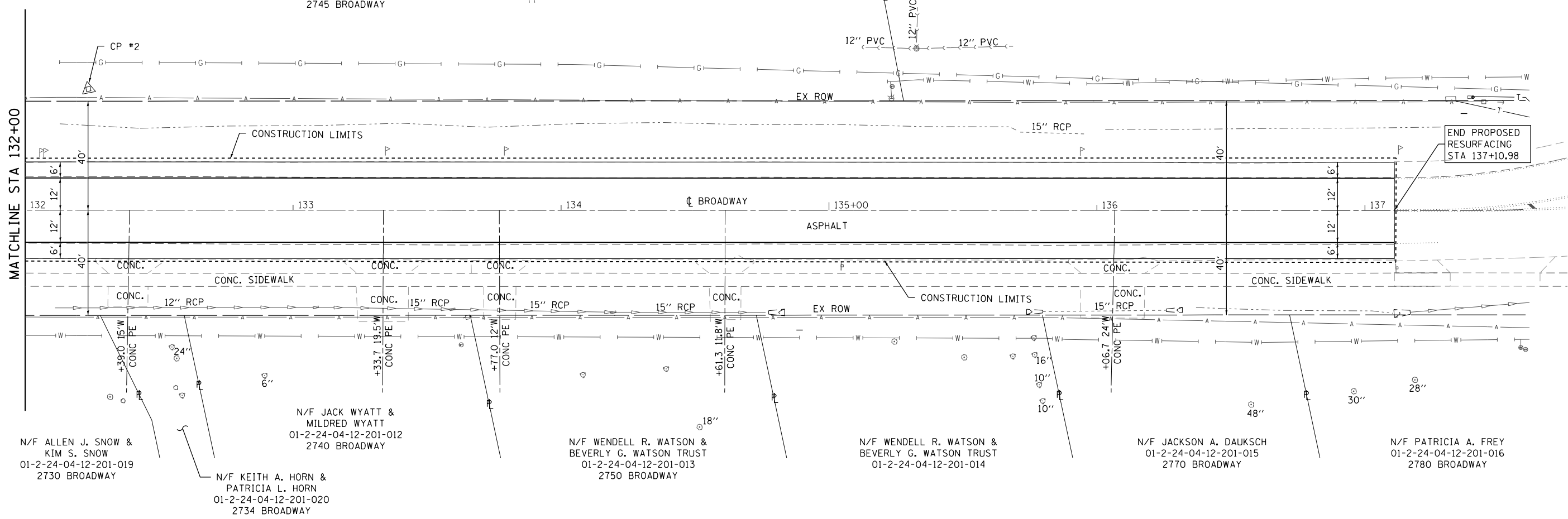
PLAN & PROFILE SHEETS
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F.A.U. RTE. 8846	SECTION 16-00069-00-RS	COUNTY MADISON	TOTAL SHEETS 40	SHEET NO. 11
CITY OF HIGHLAND, ILLINOIS		CONTRACT NO. 97712		
ILLINOIS		FED. AID PROJECT		



N/F HOPE EVANGELICAL
LUTHERAN CHURCH
01-1-24-04-00-000-002
2745 BROADWAY

N/F JEFFREY BECKER
01-2-24-04-12-203-009
12590 IBERG RD



N/F ALLEN J. SNOW &
KIM S. SNOW
01-2-24-04-12-201-019
2730 BROADWAY

N/F KEITH A. HORN &
PATRICIA L. HORN
01-2-24-04-12-201-020
2734 BROADWAY

N/F JACK WYATT &
MILDRED WYATT
01-2-24-04-12-201-012
2740 BROADWAY

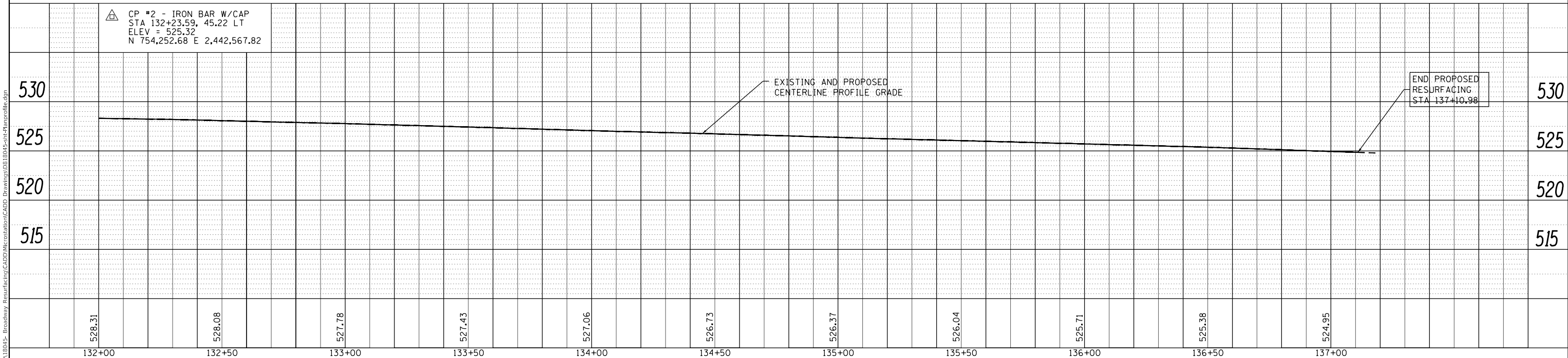
N/F WENDELL R. WATSON &
BEVERLY G. WATSON TRUST
01-2-24-04-12-201-013
2750 BROADWAY

N/F WENDELL R. WATSON &
BEVERLY G. WATSON TRUST
01-2-24-04-12-201-014

N/F JACKSON A. DAUKSCH
01-2-24-04-12-201-015
2770 BROADWAY

N/F PATRICIA A. FREY
01-2-24-04-12-201-016
2780 BROADWAY

CP #2 - IRON BAR W/CAP
STA 132+23.59, 45.22 LT
ELEV = 525.32
N 754,252.68 E 2,442,567.82



END PROPOSED
RESURFACING
STA 137+10.98

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATIONS	
	NO.	

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132+00 528.31
132+50 528.08
133+00 527.78
133+50 527.43
134+00 527.06
134+50 526.73
135+00 526.37
135+50 526.04
136+00 525.71
136+50 525.38
137+00 524.95

USER NAME	= ryan.gueldener	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
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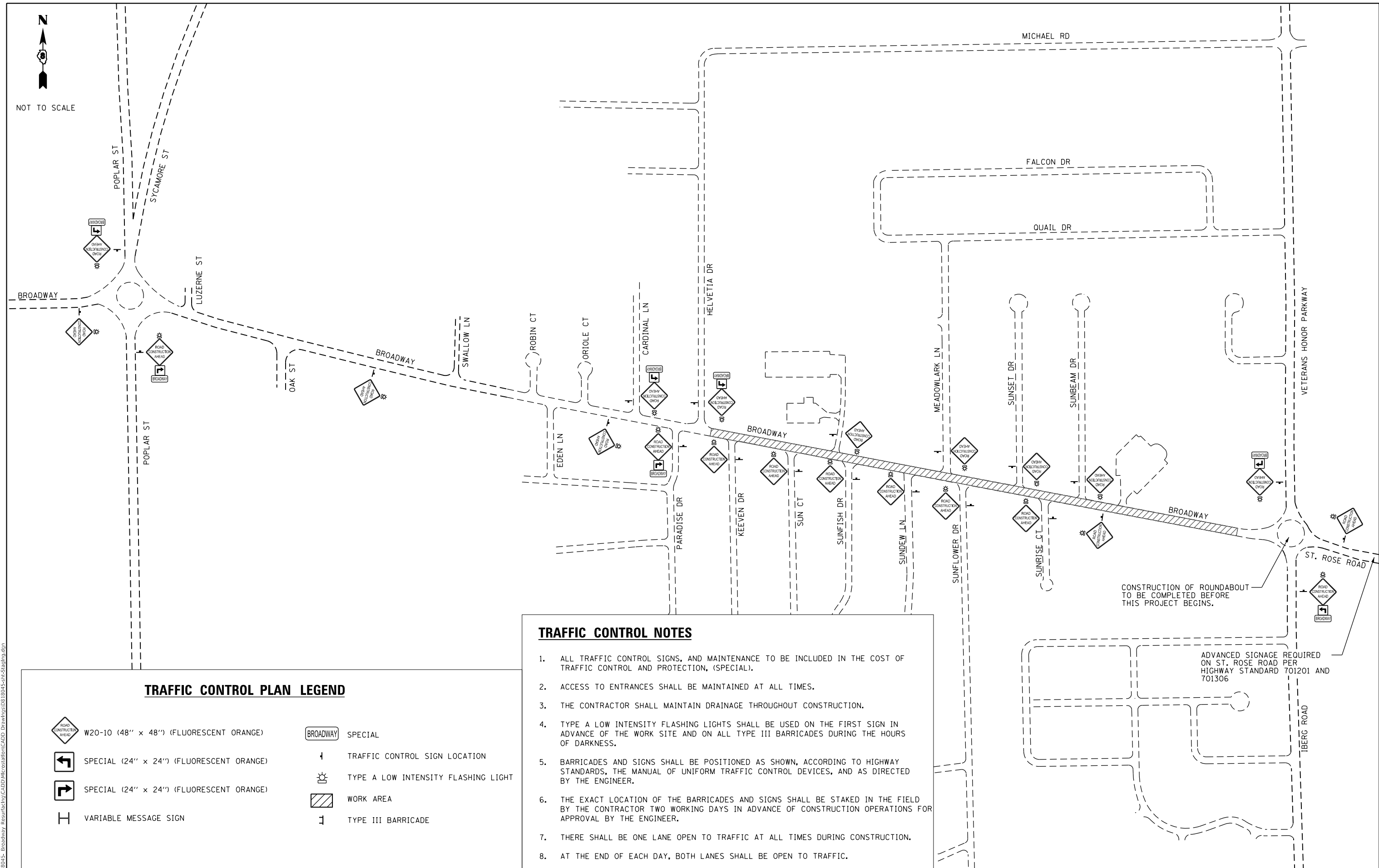
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: 1"=20'		SHEET 5	OF 5	SHEETS	STA. 132+00	TO STA. 137+11
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	16-00069-00-RS	MADISON	40	12
CITY OF HIGHLAND, ILLINOIS		CONTRACT NO. 97712		
ILLINOIS		FED. AID PROJECT		



NOT TO SCALE



TRAFFIC CONTROL PLAN LEGEND

- W20-10 (48" x 48") (FLUORESCENT ORANGE)
- SPECIAL (24" x 24") (FLUORESCENT ORANGE)
- SPECIAL (24" x 24") (FLUORESCENT ORANGE)
- VARIABLE MESSAGE SIGN
- TRAFFIC CONTROL SIGN LOCATION
- TYPE A LOW INTENSITY FLASHING LIGHT
- WORK AREA
- TYPE III BARRICADE

TRAFFIC CONTROL NOTES

1. ALL TRAFFIC CONTROL SIGNS, AND MAINTENANCE TO BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION, (SPECIAL).
2. ACCESS TO ENTRANCES SHALL BE MAINTAINED AT ALL TIMES.
3. THE CONTRACTOR SHALL MAINTAIN DRAINAGE THROUGHOUT CONSTRUCTION.
4. 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 THE HOURS OF DARKNESS.
5. BARRICADES AND SIGNS SHALL BE POSITIONED AS SHOWN, ACCORDING TO HIGHWAY STANDARDS, THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, AND AS DIRECTED BY THE ENGINEER.
6. 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.
7. THERE SHALL BE ONE LANE OPEN TO TRAFFIC AT ALL TIMES DURING CONSTRUCTION.
8. AT THE END OF EACH DAY, BOTH LANES SHALL BE OPEN TO TRAFFIC.

CONSTRUCTION OF ROUNDABOUT TO BE COMPLETED BEFORE THIS PROJECT BEGINS.

ADVANCED SIGNAGE REQUIRED ON ST. ROSE ROAD PER HIGHWAY STANDARD 701201 AND 701306

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

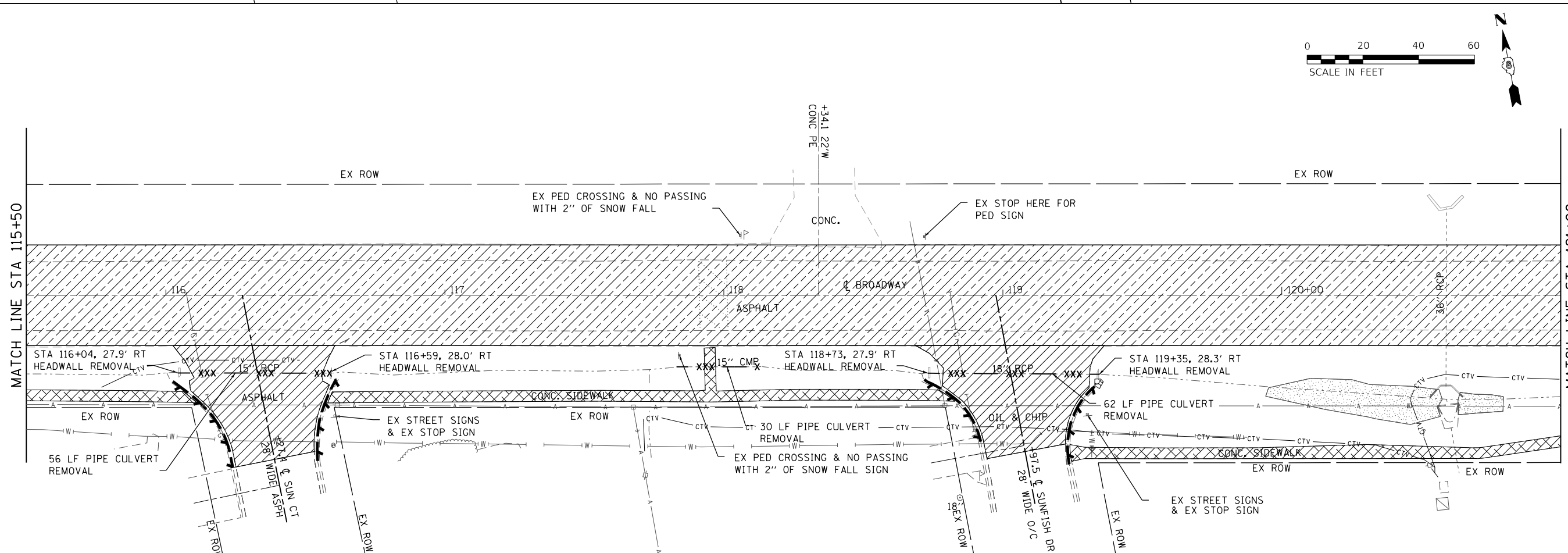
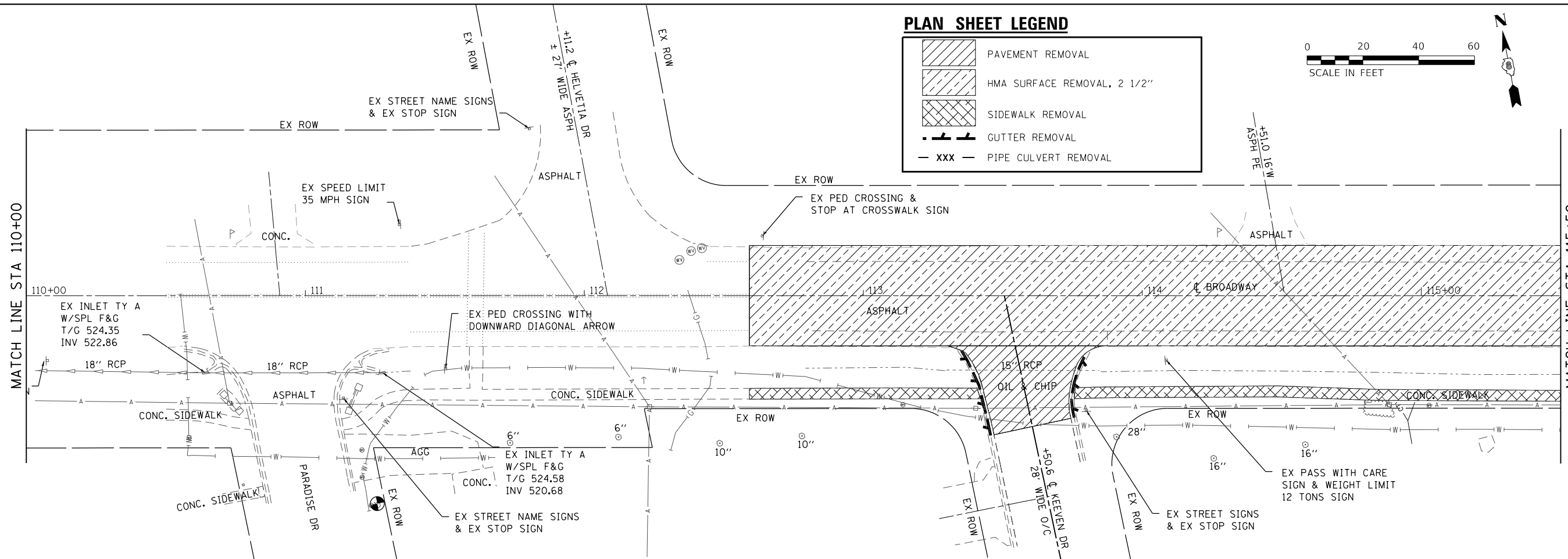
TRAFFIC CONTROL PLAN

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	16-00069-00-RS	MADISON	40	13
CITY OF HIGHLAND, ILLINOIS		CONTRACT NO. 97712		
ILLINOIS		FED. AID PROJECT		

PLAN SHEET LEGEND

	PAVEMENT REMOVAL
	HMA SURFACE REMOVAL, 2 1/2"
	SIDEWALK REMOVAL
	GUTTER REMOVAL
	PIPE CULVERT REMOVAL



MODEL: P1
 FILE NAME: H:\R18045 - Broadway Rehabilitation\CADD\Microstation\CADD Drawings\0818045-sht-rem.dgn



USER NAME = ryan.gueldener	DESIGNED -	REVISED -
PLOT SCALE = 40.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 8/12/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

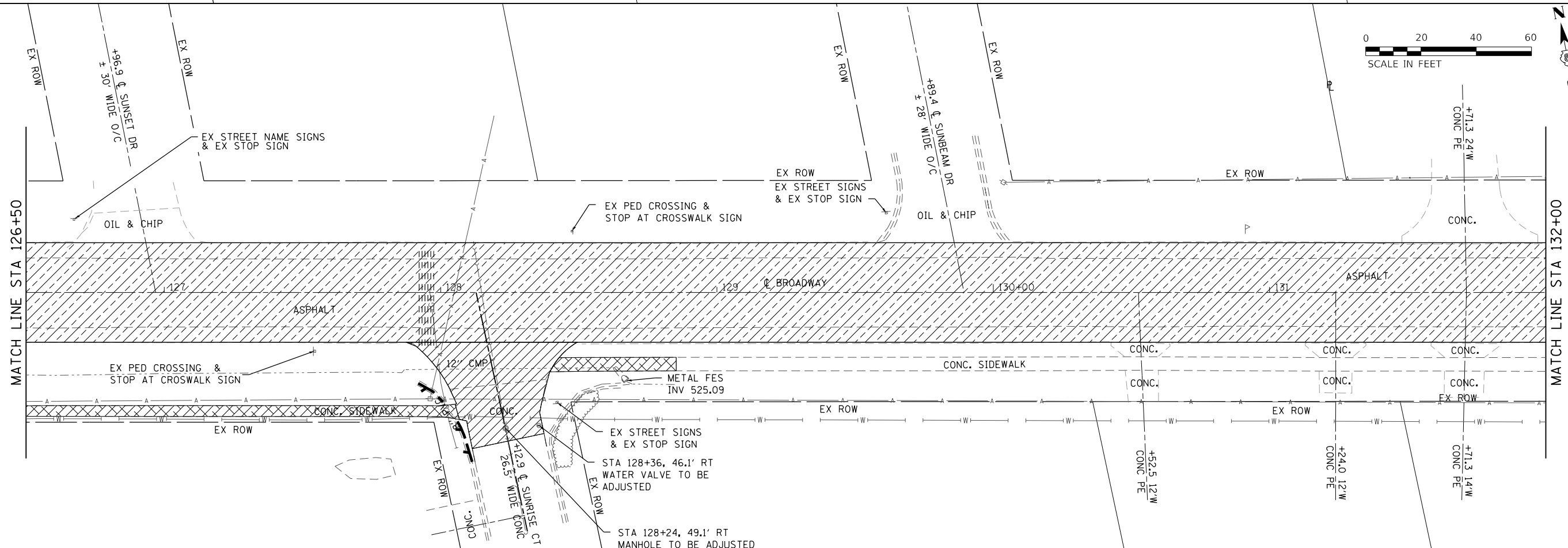
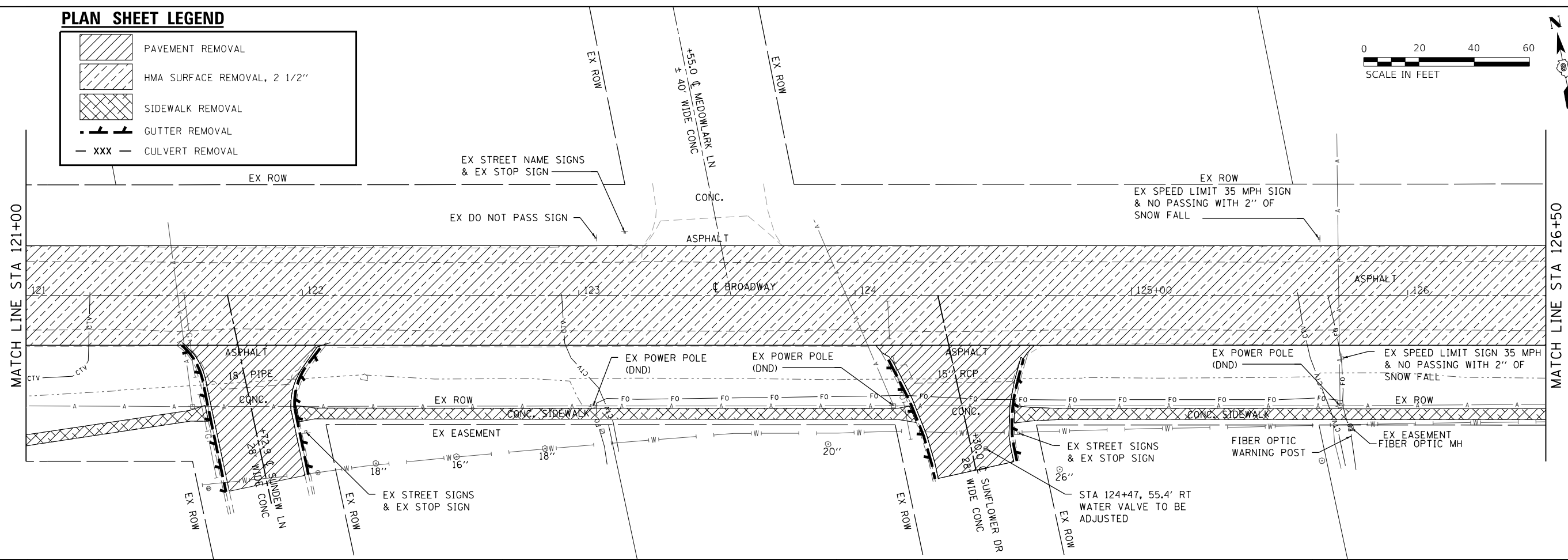
REMOVAL PLAN SHEETS

SCALE: 1" = 20' SHEET 1 OF 3 SHEETS STA. 110+00 TO STA. 121+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	16-00069-00-R5	MADISON	40	14
CITY OF HIGHLAND, ILLINOIS		CONTRACT NO. 97712		
ILLINOIS FED. AID PROJECT				

PLAN SHEET LEGEND

	PAVEMENT REMOVAL
	HMA SURFACE REMOVAL, 2 1/2"
	SIDEWALK REMOVAL
	GUTTER REMOVAL
	CULVERT REMOVAL



MODEL: P2
 FILE NAME: H:\R118045 - Broadway - Resurfacing\CADD\Microstation\CADD Drawings\0818045-sht-rem.dgn



USER NAME = ryan.gueldener	DESIGNED -	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
DATE = 8/12/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL PLAN SHEETS

SCALE: 1"=20' SHEET 2 OF 3 SHEETS STA. 121+00 TO STA. 132+00

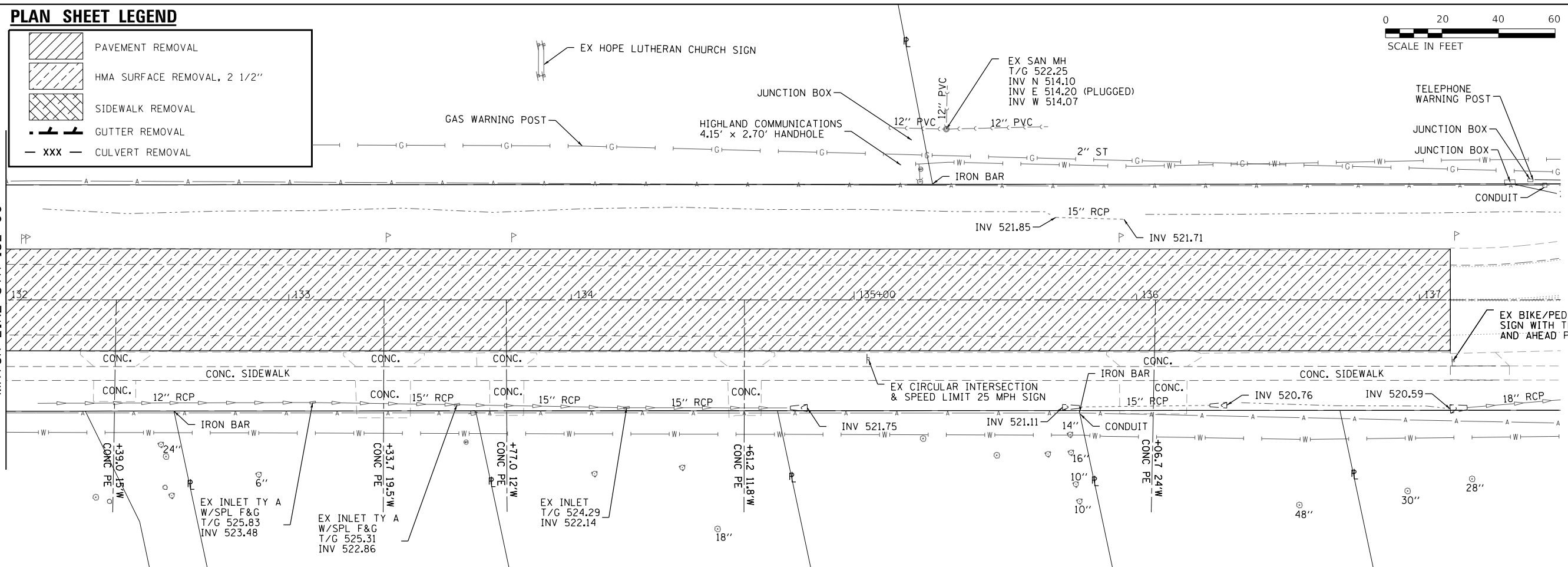
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	16-00069-00-R5	MADISON	40	15
CITY OF HIGHLAND, ILLINOIS		CONTRACT NO. 97712		
ILLINOIS		FED. AID PROJECT		

PLAN SHEET LEGEND

	PAVEMENT REMOVAL
	HMA SURFACE REMOVAL, 2 1/2"
	SIDEWALK REMOVAL
	GUTTER REMOVAL
	CULVERT REMOVAL



MATCH LINE STA 132+00



MODEL: P3
 FILE NAME: H:\18045_Prosody - Resurfacing\CADD\Microstation\CADD Drawings\18045-sht-rem.dgn



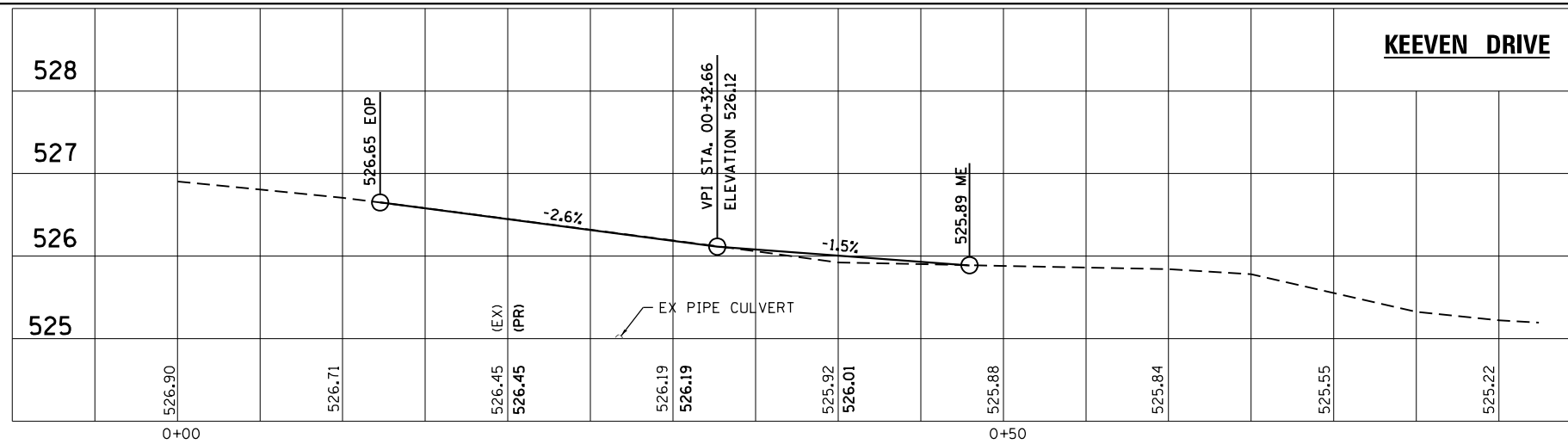
USER NAME = ryan.gueldener	DESIGNED -	REVISED -
PLOT SCALE = 40.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 8/12/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

REMOVAL PLAN SHEETS

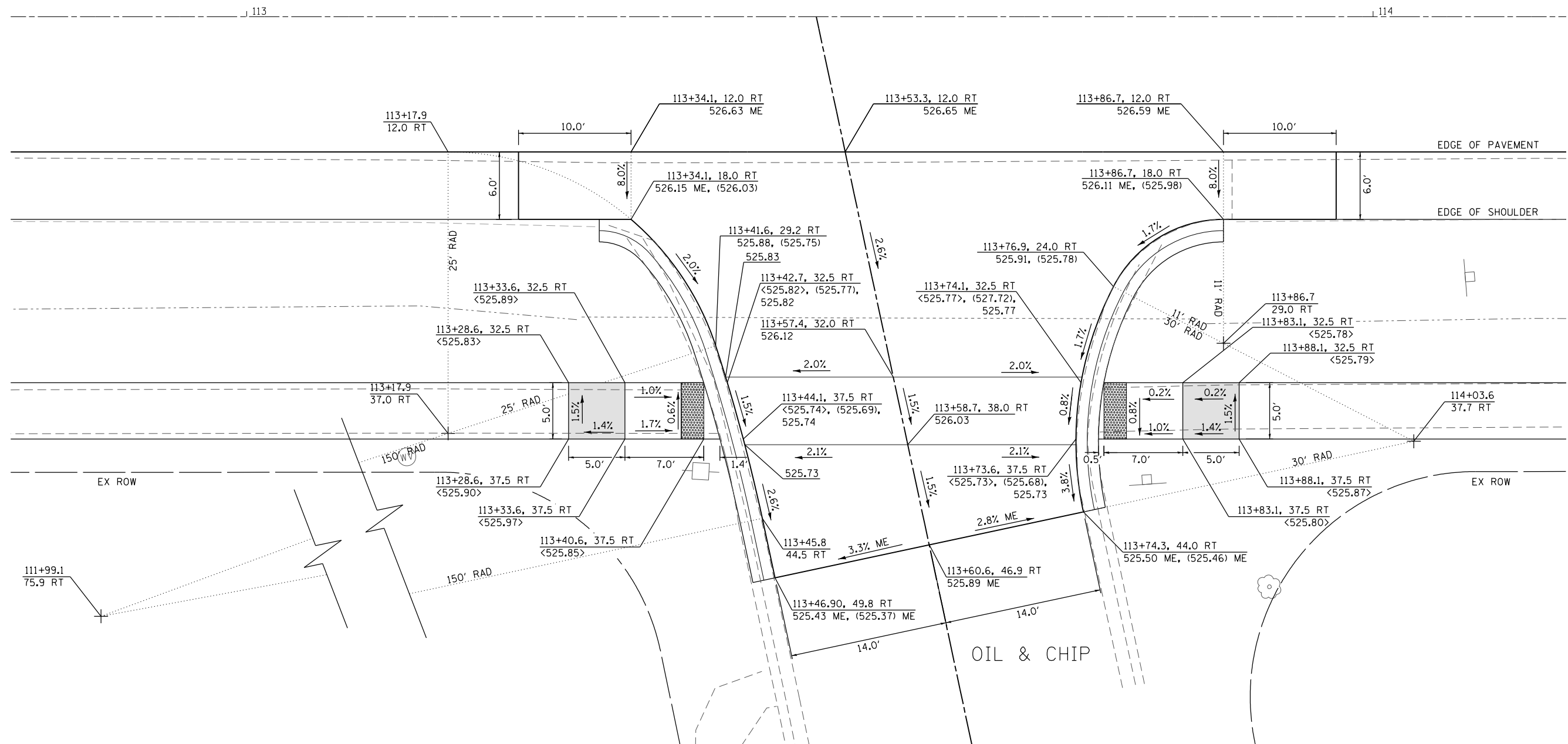
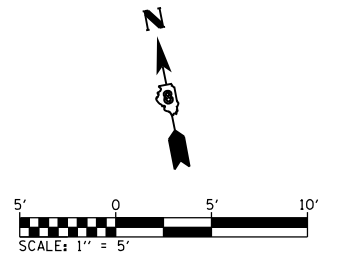
SCALE: 1" = 20' SHEET 3 OF 3 SHEETS STA. 132+00 TO STA. 137+11

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	16-00069-00-R5	MADISON	40	16
CITY OF HIGHLAND, ILLINOIS		CONTRACT NO. 97712		
ILLINOIS FED. AID PROJECT				



DETAIL LEGEND

- XXX.XX PAVEMENT
- (XXX.XX) FLOWLINE OF GUTTER
- <XXX.XX> SIDEWALK
- ME MATCH EXISTING
- FLAT LANDING AREA (2% MAX ALL DIRECTIONS)



MODEL: KEEVEN
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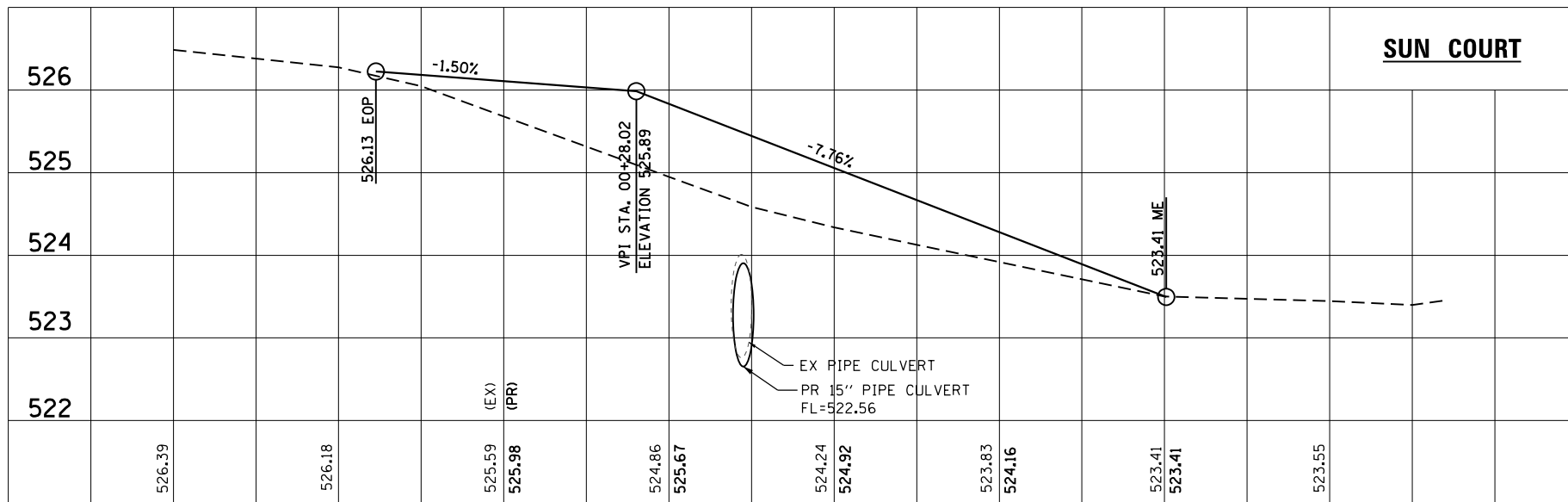
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PLOT SCALE = 10.0000' / in.	DRAWN -	REVISED -
DATE = 8/12/2019	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION DETAILS
KEEVEN DRIVE

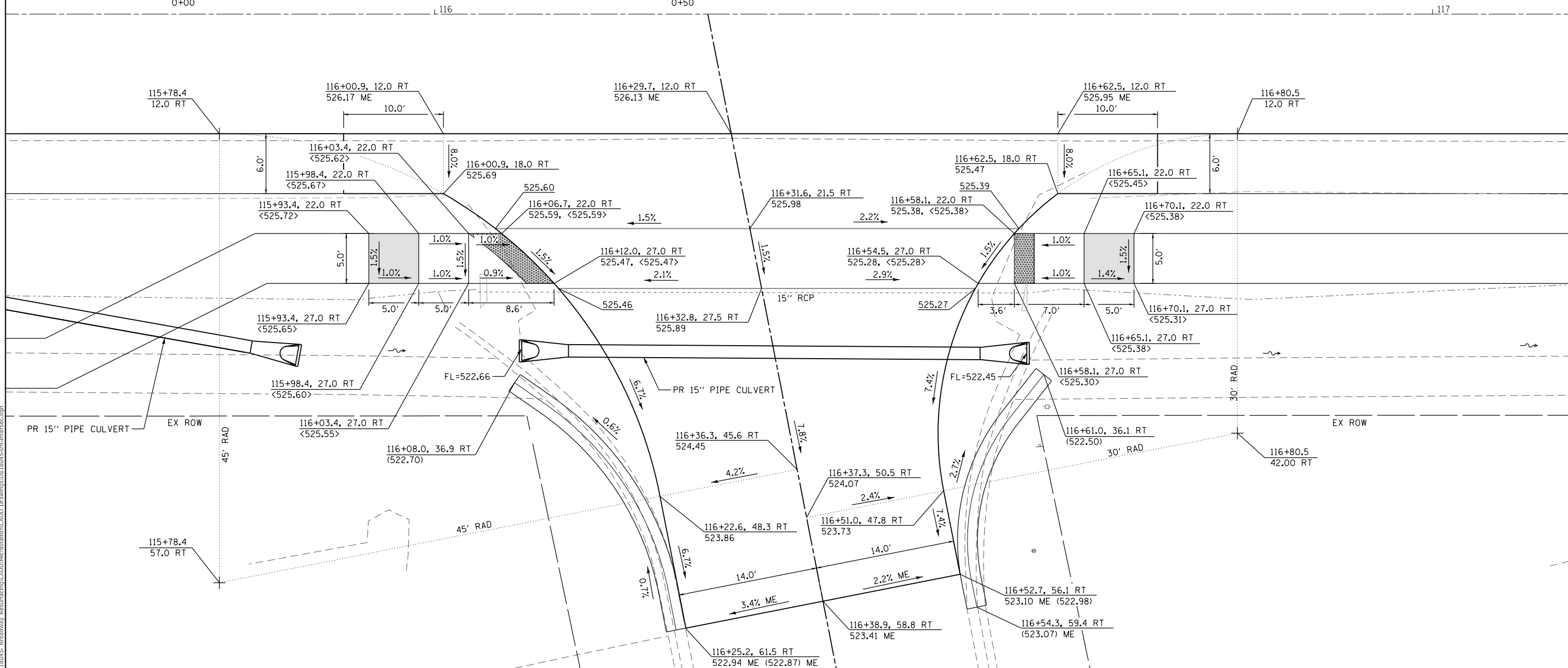
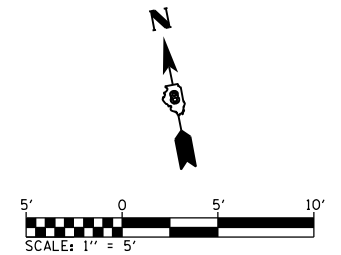
SCALE: 1" = 5' SHEET 1 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	16-00069-00-RS	MADISON	40	17
CITY OF HIGHLAND, ILLINOIS		CONTRACT NO. 97712		
ILLINOIS		FED. AID PROJECT		



DETAIL LEGEND

- XXX.XX PAVEMENT
- (XXX.XX) FLOWLINE OF GUTTER
- <XXX.XX> SIDEWALK
- ME MATCH EXISTING
- FLAT LANDING AREA (2% MAX ALL DIRECTIONS)



MODEL: SUN
 FILE NAME: I:\R18045_Produchy_Repair\factory\CADD\Microstation\CADD_Drawing\18045-sht-Intersec.dgn



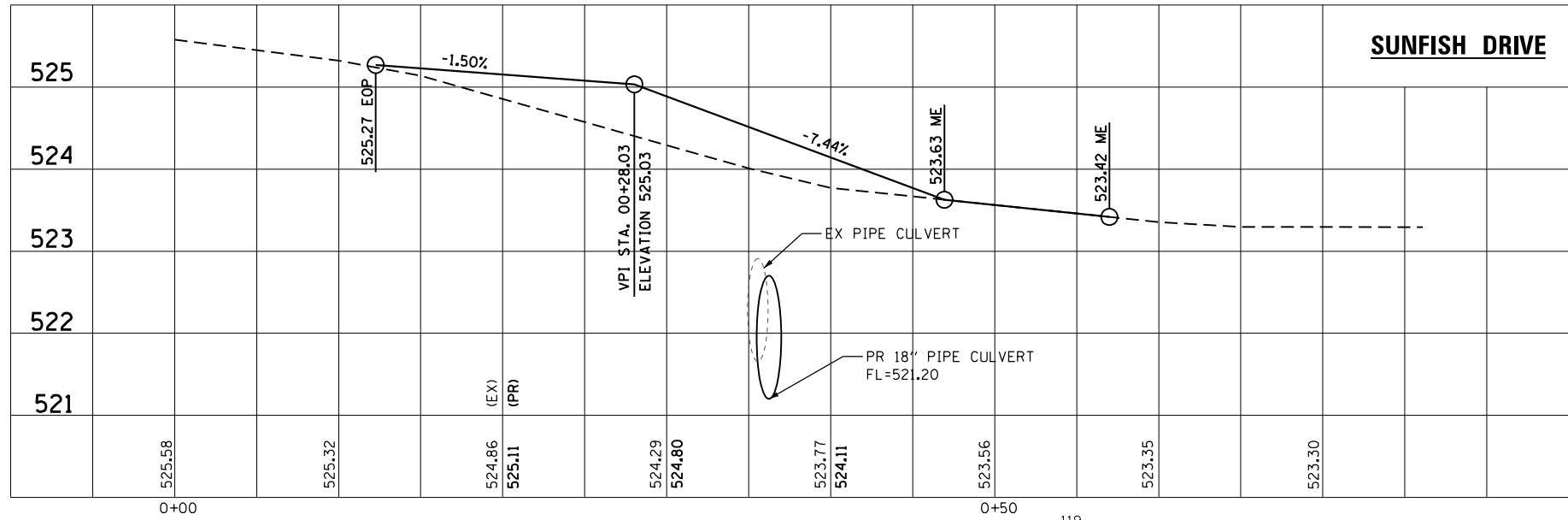
USER NAME = ryan.gueldener	DESIGNED -	REVISED -
PLOT SCALE = 10.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 8/12/2019	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION DETAILS
SUN COURT

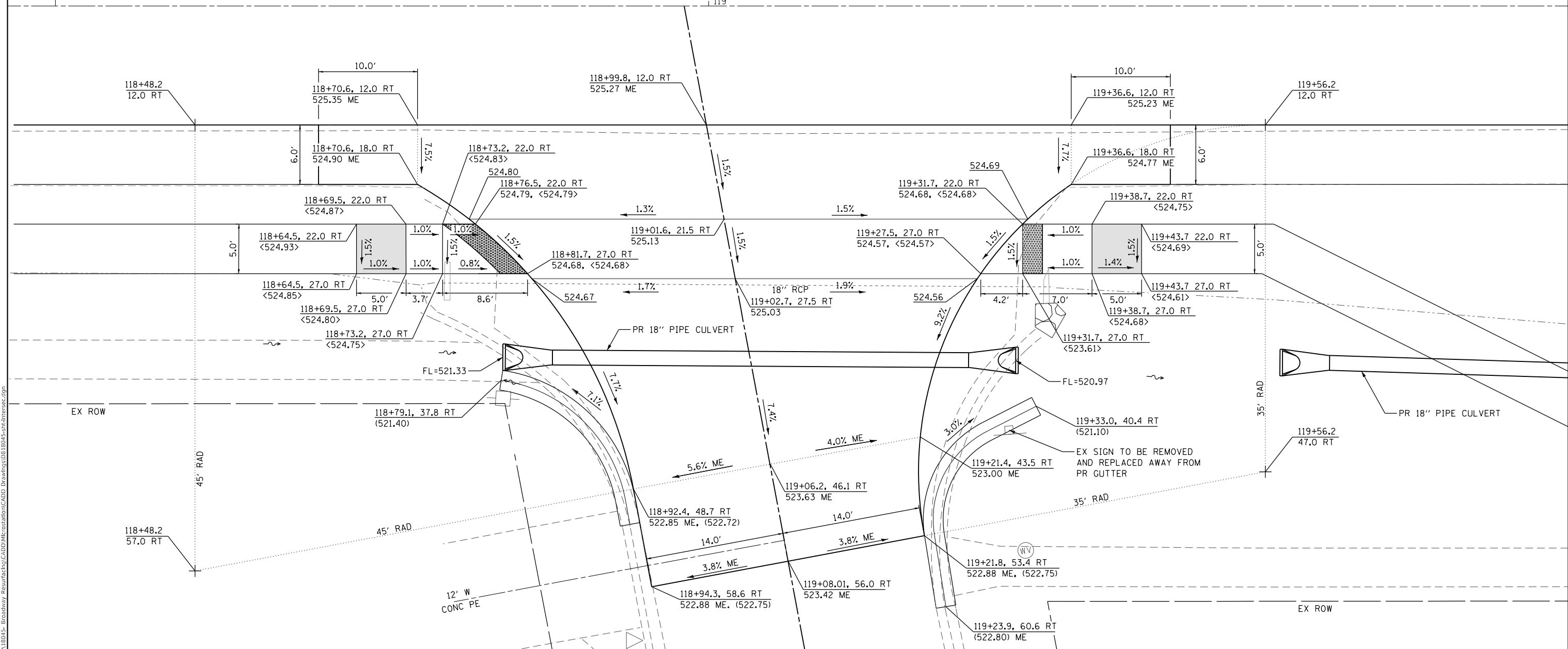
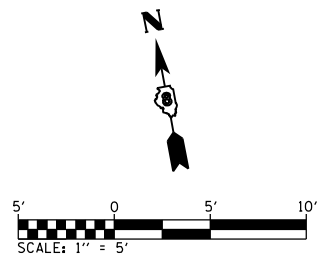
SCALE: 1" = 5' SHEET 2 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	16-00069-00-R5	MADISON	40	18
CITY OF HIGHLAND, ILLINOIS		CONTRACT NO. 97712		
ILLINOIS FED. AID PROJECT				



DETAIL LEGEND

XXX.XX	PAVEMENT
(XXX.XX)	FLOWLINE OF GUTTER
<XXX.XX>	SIDEWALK
ME	MATCH EXISTING
	FLAT LANDING AREA (2% MAX ALL DIRECTIONS)



MODEL: SUNFISH
 FILE NAME: H:\P18045_Prosodya_Restoration\CADD\Microstation\CADD Drawings\0818045-sht-Intersec.dgn



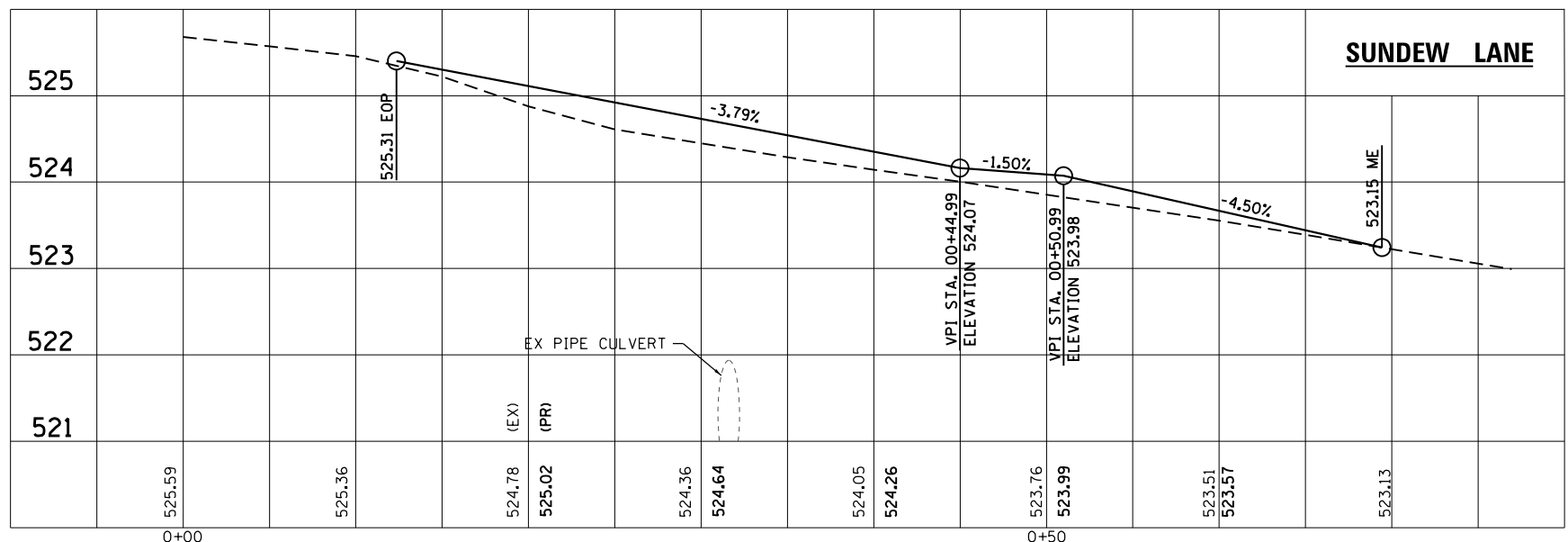
USER NAME = ryan.gueldener	DESIGNED -	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN -	REVISED -
DATE = 8/12/2019	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION DETAILS
SUNFISH DRIVE

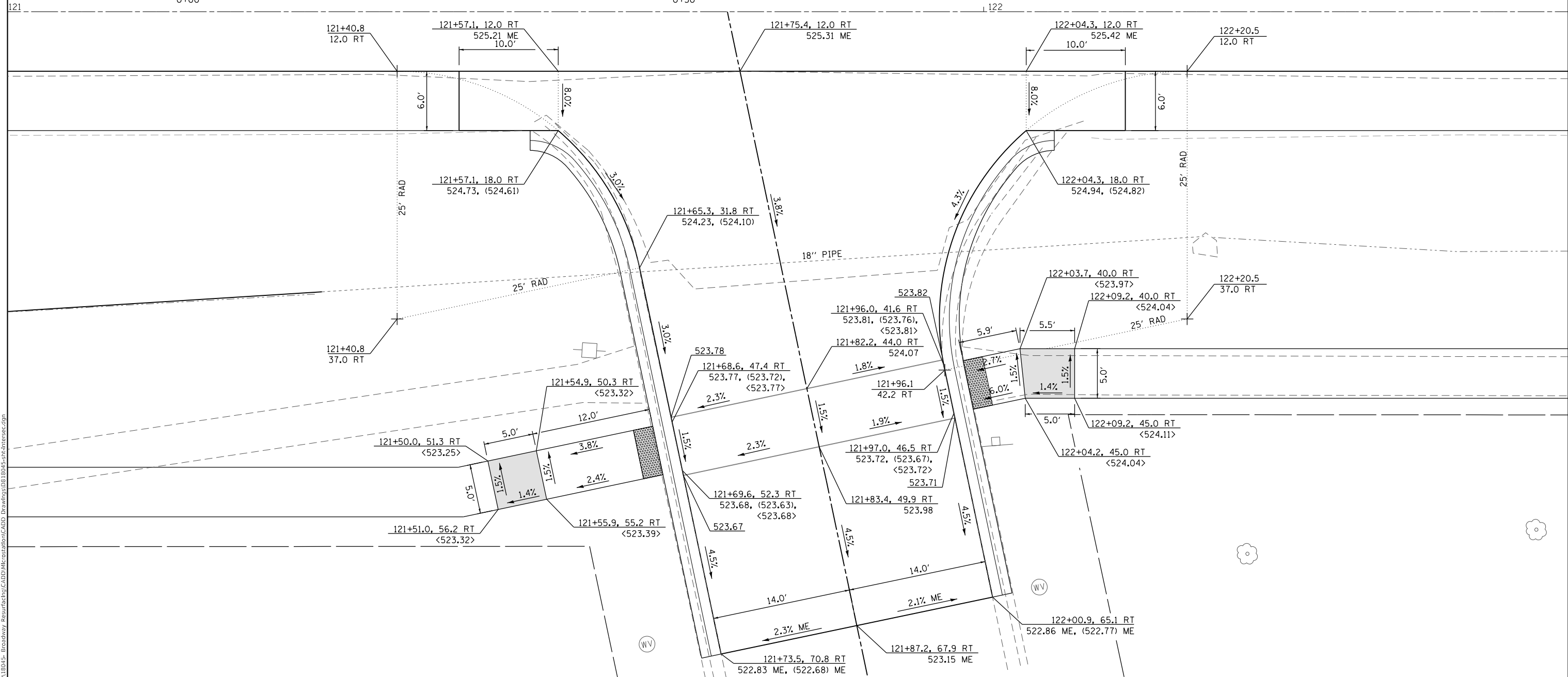
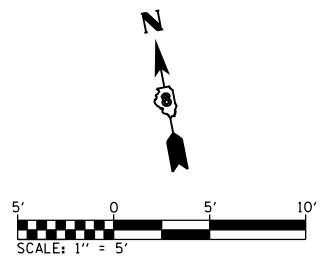
SCALE: 1" = 5' SHEET 3 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	16-00069-00-RS	MADISON	40	19
CITY OF HIGHLAND, ILLINOIS		CONTRACT NO. 97712		
ILLINOIS		FED. AID PROJECT		



DETAIL LEGEND

- XXX.XX PAVEMENT
- (XXX.XX) FLOWLINE OF GUTTER
- <XXX.XX> SIDEWALK
- ME MATCH EXISTING
- FLAT LANDING AREA (2% MAX ALL DIRECTIONS)



MODEL: SUNDEW
 FILE NAME: I:\18045_Prosody - Repair\Drawings\CADD\Microstation\CADD\Drawings\0818045-sht-Intersec.dgn
 ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115



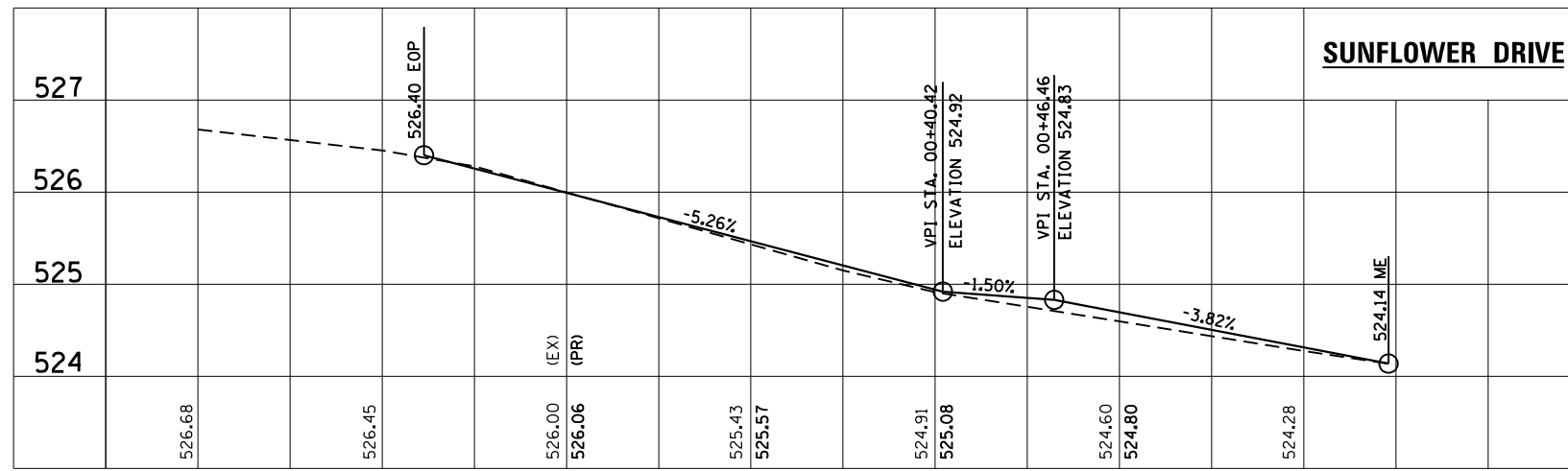
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DATE = 8/12/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION DETAILS
SUNDEW LANE**

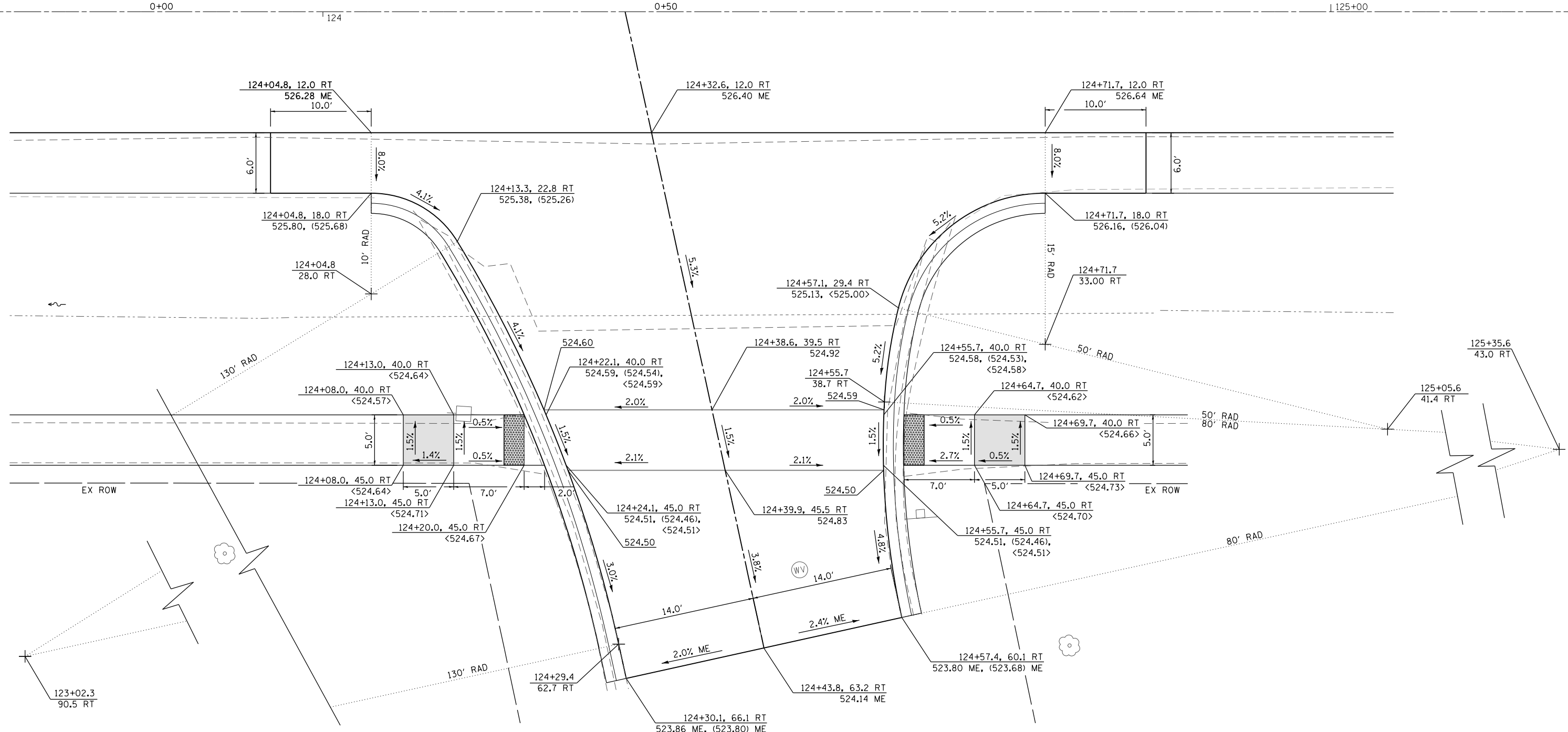
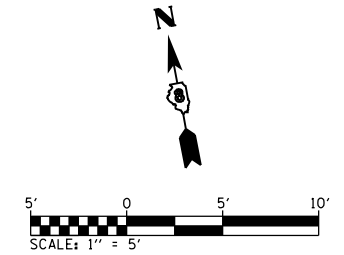
SCALE: 1" = 5' SHEET 4 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	16-00069-00-RS	MADISON	40	20
CITY OF HIGHLAND, ILLINOIS		CONTRACT NO. 97712		
ILLINOIS		FED. AID PROJECT		



DETAIL LEGEND

- XXX.XX PAVEMENT
- (XXX.XX) FLOWLINE OF GUTTER
- <XXX.XX> SIDEWALK
- ME MATCH EXISTING
- FLAT LANDING AREA (2% MAX ALL DIRECTIONS)



MODEL: SUNFLOWER.DWG
 FILE NAME: H:\18045 - Broadway - Resurfacing\CADD\Microstation\CADD Drawings\18045-sht-Intersec.dgn



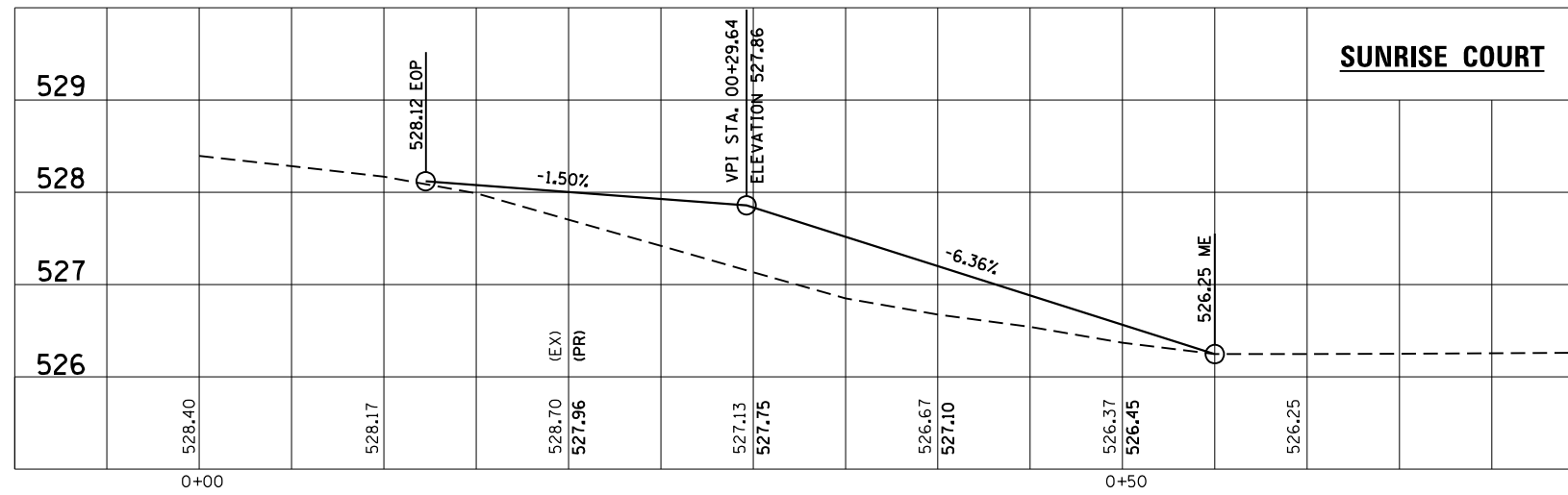
USER NAME = ryan.gueldener	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
DATE = 8/12/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION DETAILS
SUNFLOWER DRIVE

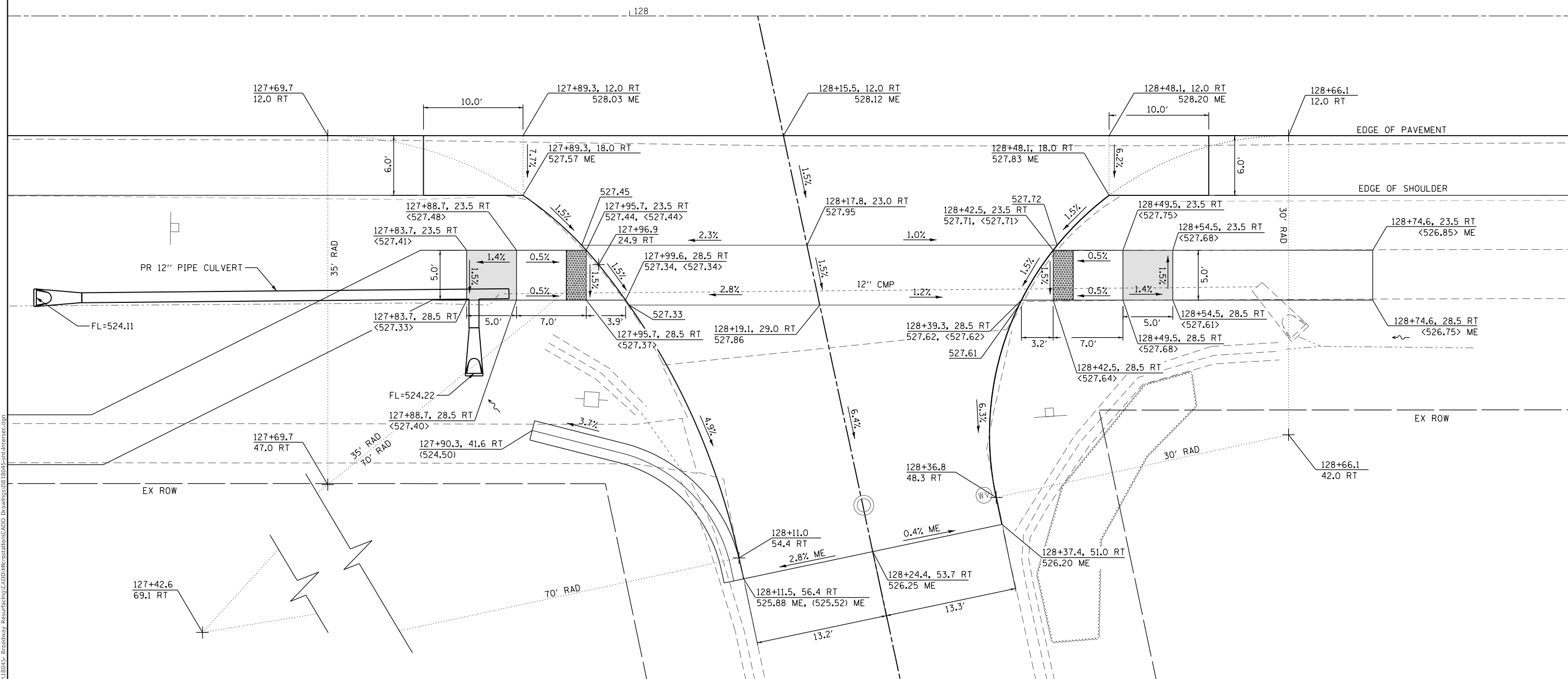
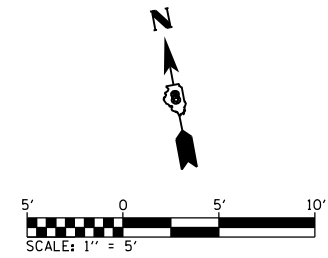
SCALE: 1" = 5' SHEET 5 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	16-00069-00-RS	MADISON	40	21
CITY OF HIGHLAND, ILLINOIS		CONTRACT NO. 97712		
ILLINOIS		FED. AID PROJECT		



DETAIL LEGEND

- XXX.XX PAVEMENT
- (XXX.XX) FLOWLINE OF GUTTER
- <XXX.XX> SIDEWALK
- ME MATCH EXISTING
- FLAT LANDING AREA (2% MAX ALL DIRECTIONS)



MODEL: SUNRISE
 FILE NAME: H:\18045 - Broadway Rehabilitation\CADD\Microstation\CADD Drawings\18045-Int-Intersec.dgn
 ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115



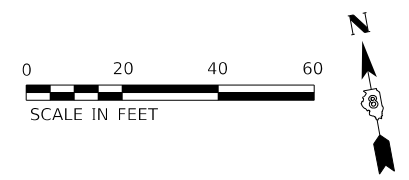
USER NAME = ryan.gueldener	DESIGNED -	REVISED -
DRAWN -	REVISED -	
CHECKED -	REVISED -	
DATE -	REVISED -	
PLOT SCALE = 10.0000' / in.		
PLOT DATE = 8/12/2019		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

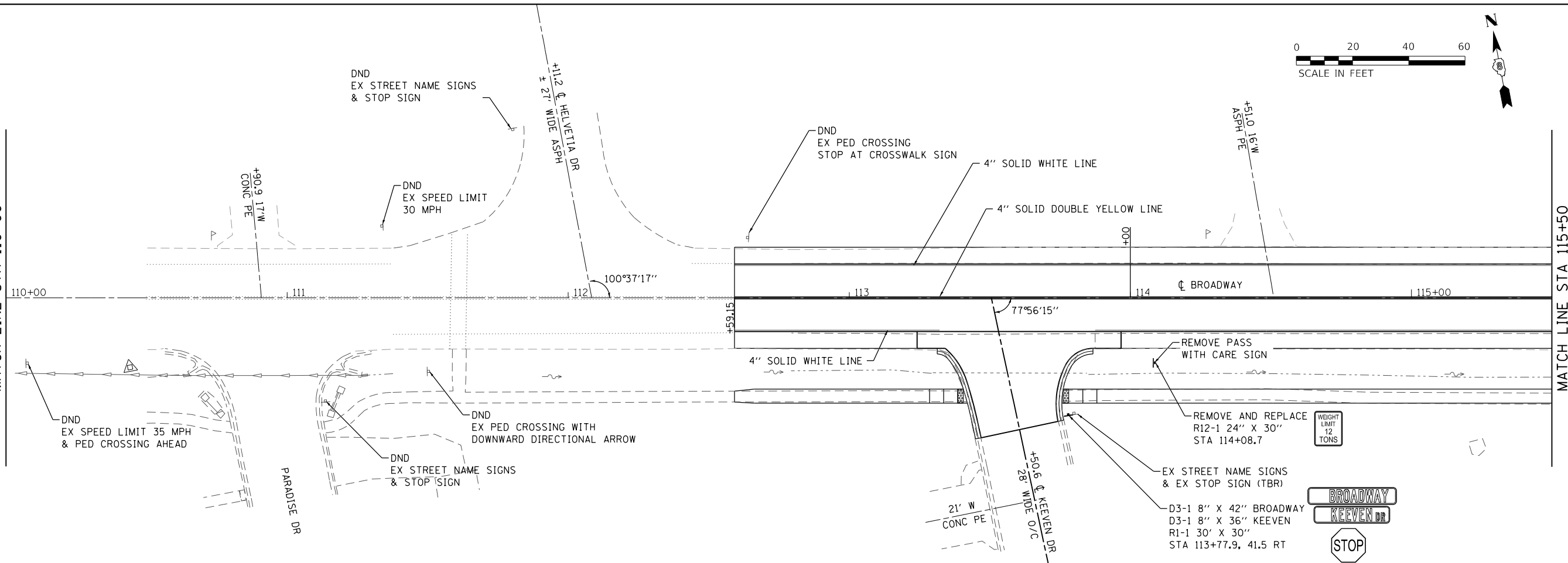
INTERSECTION DETAILS
SUNRISE COURT

SCALE: 1" = 5' SHEET 6 OF 6 SHEETS STA. TO STA.

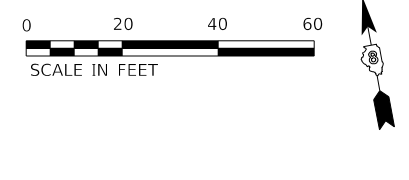
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	16-00069-00-RS	MADISON	40	22
CITY OF HIGHLAND, ILLINOIS		CONTRACT NO. 97712		
ILLINOIS		FED. AID PROJECT		



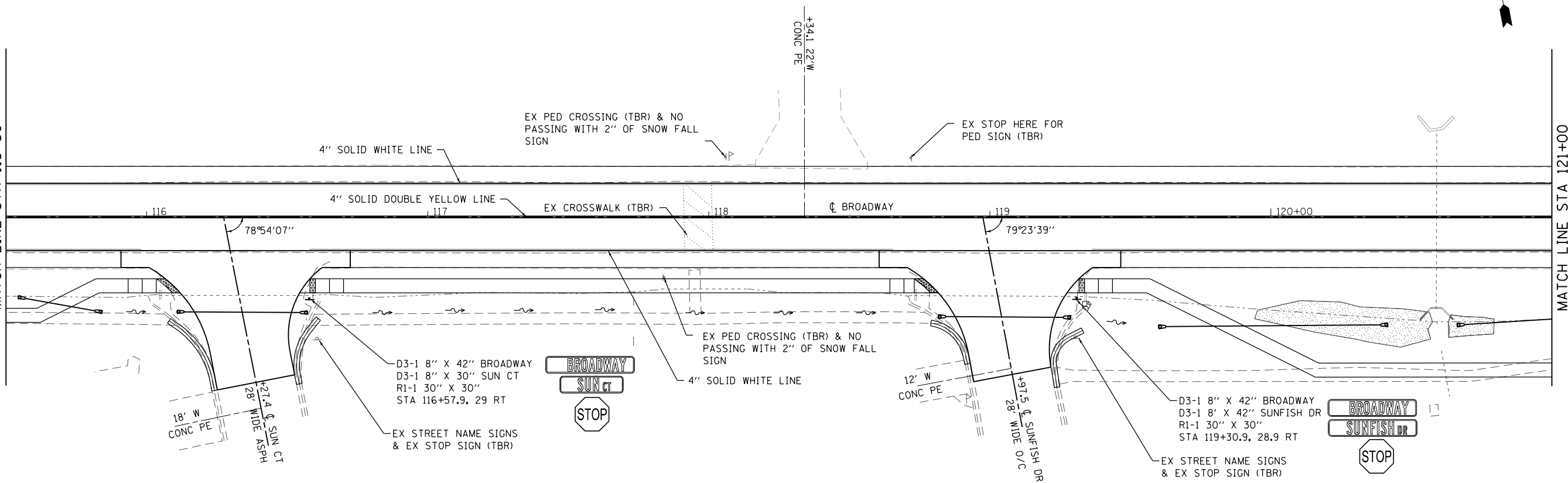
MATCH LINE STA 110+00



MATCH LINE STA 115+50



MATCH LINE STA 115+50



MATCH LINE STA 121+00

MODEL: P1
 FILE NAME: H:\R18045 - Broadway - Reurafactry\CADD\Microstation\CADD Drawings\0818045-sht-1b.mxd.dgn
 ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115



USER NAME	= ryan.guedener
DESIGNED	-
DRAWN	-
PLOT SCALE	= 40.0000 ' / in.
CHECKED	-
DATE	-
PLOT DATE	= 8/12/2019

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

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING & SIGNAGE SHEETS

SCALE: 1" = 20' SHEET 1 OF 3 SHEETS STA. 110+00 TO STA. 121+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	16-00069-00-R5	MADISON	40	23
CITY OF HIGHLAND, ILLINOIS		CONTRACT NO. 97712		
ILLINOIS FED. AID PROJECT				

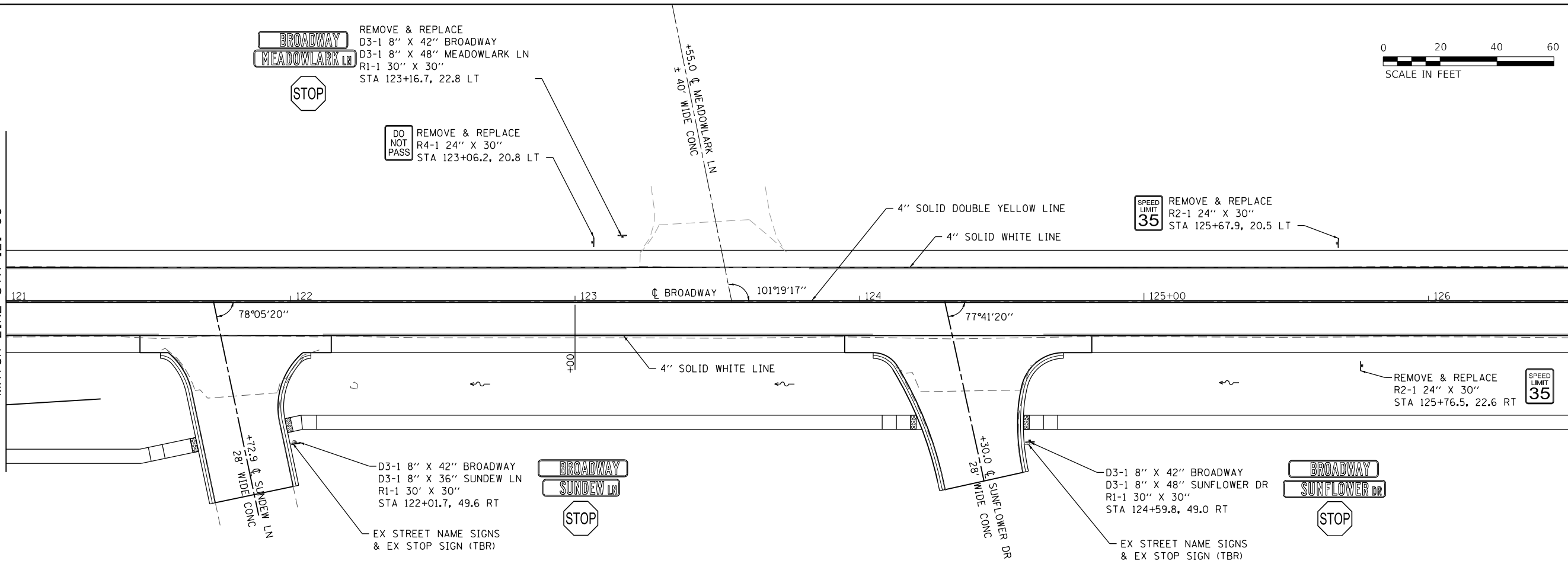
BROADWAY MEADOWLARK LN
 REMOVE & REPLACE
 D3-1 8" X 42" BROADWAY
 D3-1 8" X 48" MEADOWLARK LN
 R1-1 30" X 30"
 STA 123+16.7, 22.8 LT

DO NOT PASS
 REMOVE & REPLACE
 R4-1 24" X 30"
 STA 123+06.2, 20.8 LT



MATCH LINE STA 121+00

MATCH LINE STA 126+50



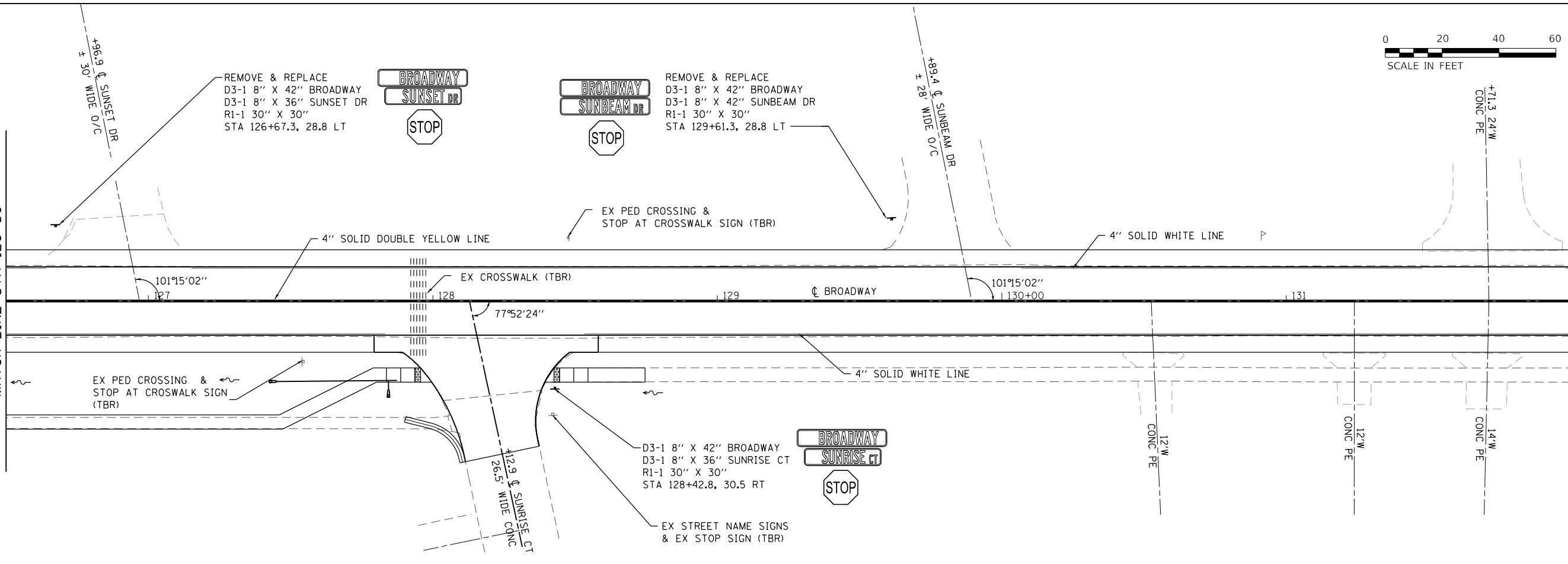
REMOVE & REPLACE
 D3-1 8" X 42" BROADWAY
 D3-1 8" X 36" SUNSET DR
 R1-1 30" X 30"
 STA 126+67.3, 28.8 LT

REMOVE & REPLACE
 D3-1 8" X 42" BROADWAY
 D3-1 8" X 42" SUNBEAM DR
 R1-1 30" X 30"
 STA 129+61.3, 28.8 LT



MATCH LINE STA 126+50

MATCH LINE STA 132+00



MODEL: P2
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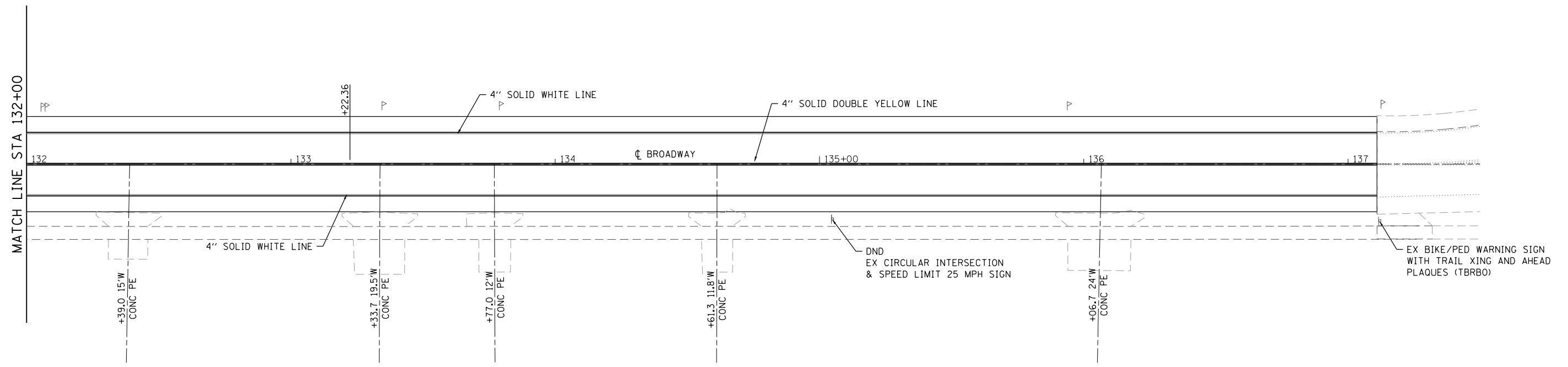
USER NAME = ryan.gueldener	DESIGNED -	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 8/12/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING & SIGNAGE SHEETS

SCALE: 1" = 20' SHEET 2 OF 3 SHEETS STA. 121+00 TO STA. 132+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	16-00069-00-R5	MADISON	40	24
CITY OF HIGHLAND, ILLINOIS		CONTRACT NO. 97712		
ILLINOIS		FED. AID PROJECT		



MODEL: P3
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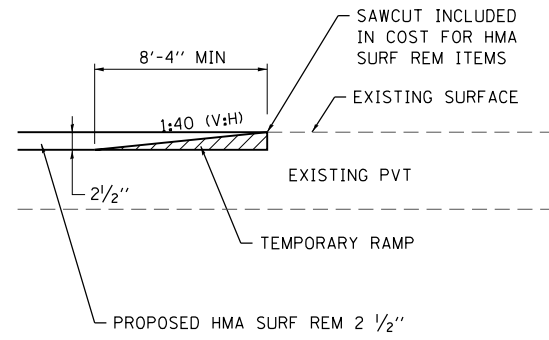
USER NAME = ryan.gueldener	DESIGNED -	REVISED -
PLOT SCALE = 40.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 8/12/2019	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

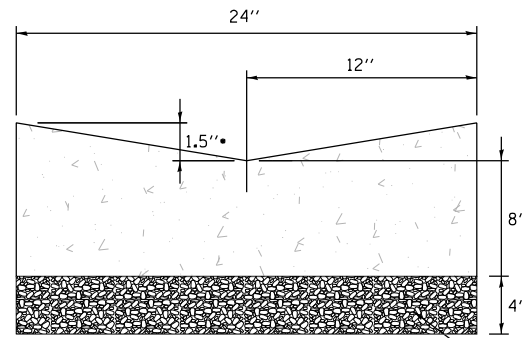
PAVEMENT MARKING & SIGNAGE SHEETS

SCALE: 1" = 20' SHEET 3 OF 3 SHEETS STA. 132+00 TO STA. 137+11

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	16-00069-00-RS	MADISON	40	25
CITY OF HIGHLAND, ILLINOIS		CONTRACT NO. 97712		
		ILLINOIS	FED. AID PROJECT	

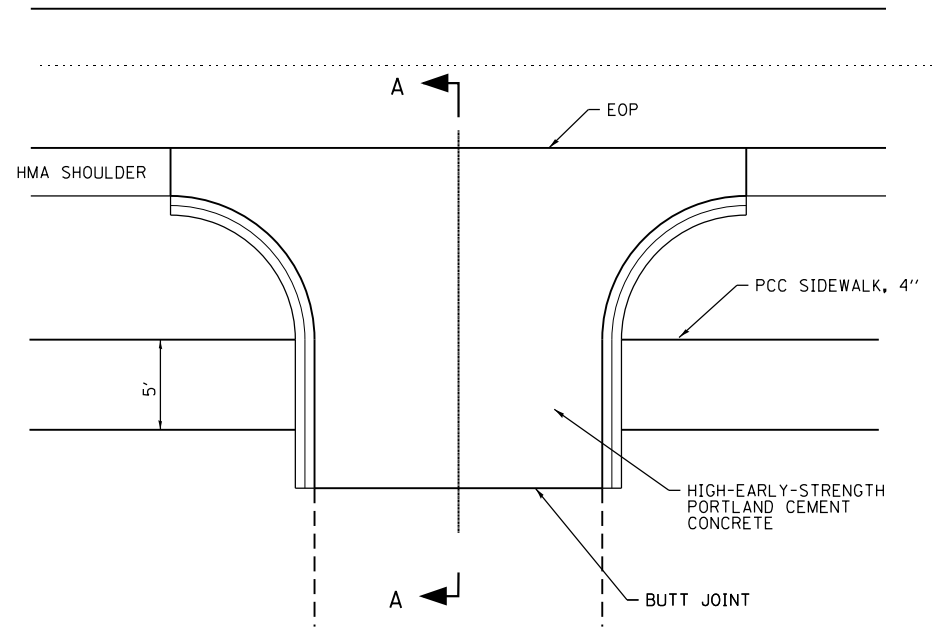


TEMPORARY RAMP DETAIL
(NOT TO SCALE)

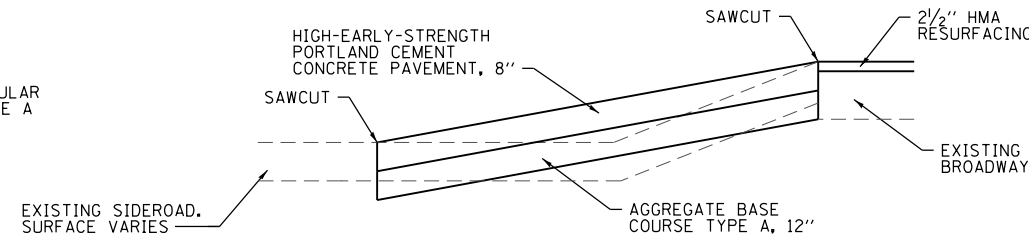


• MODIFY GUTTER SLOPE TO MEET ADA REQUIREMENTS AT CURB RAMP AND MAINTAIN DRAINAGE. SEE INTERSECTION DETAILS FOR MORE INFORMATION

CONCRETE GUTTER (SPECIAL) DETAIL
(NOT TO SCALE)

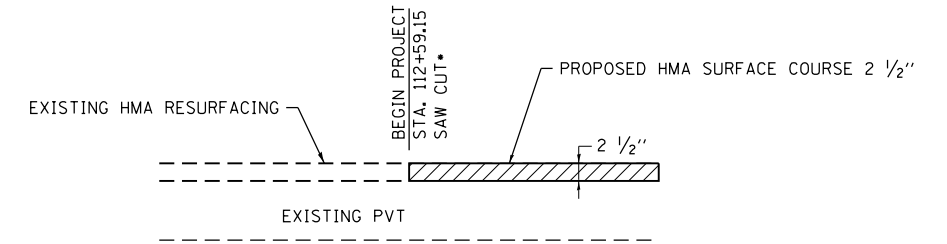


SIDEROAD DETAIL
(NOT TO SCALE)



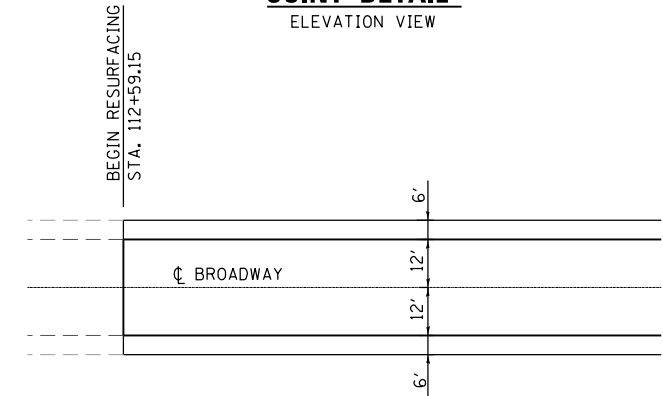
NOTE:
SEE INDIVIDUAL DETAIL SHEETS FOR MORE INFORMATION

SECTION A-A
(NOT TO SCALE)

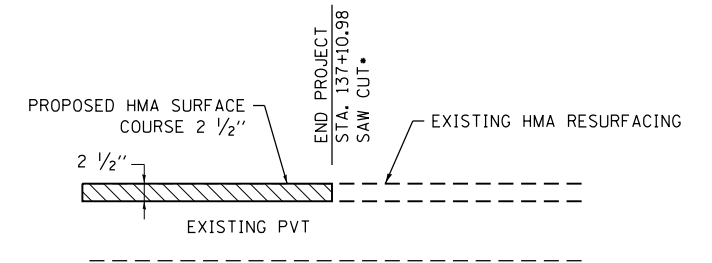


• COST OF SAWCUT TO BE INCLUDED IN HOT-MIX ASPHALT SURFACE REMOVAL 2 1/2"

JOINT DETAIL
ELEVATION VIEW

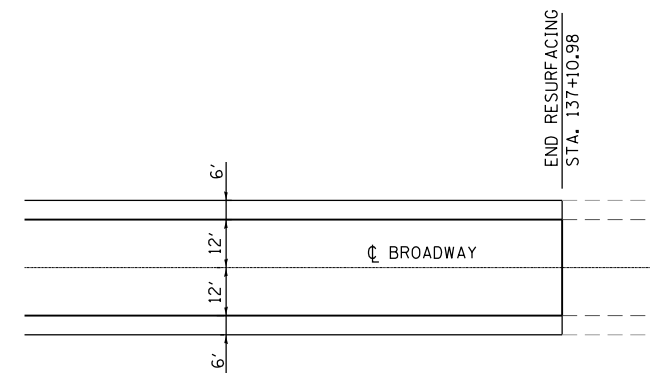


JOINT DETAIL
PLAN VIEW

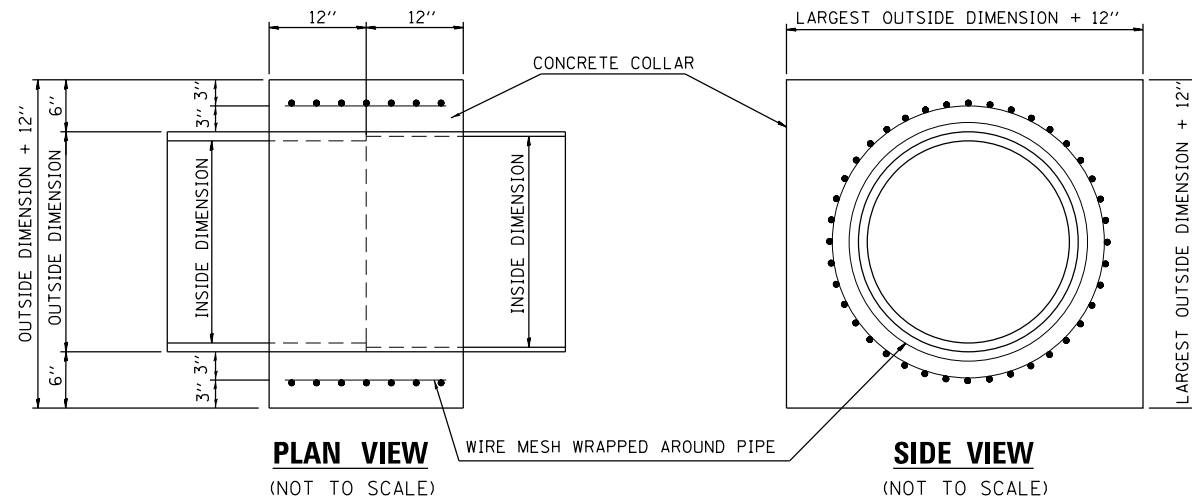


• COST OF SAWCUT TO BE INCLUDED IN HOT-MIX ASPHALT SURFACE REMOVAL 2 1/2"

JOINT DETAIL
ELEVATION VIEW



JOINT DETAIL
PLAN VIEW



CONCRETE COLLAR DETAIL
(NOT TO SCALE)

CONCRETE COLLAR NOTES:

1. CLASS SI CONCRETE SHALL BE USED THROUGHOUT.
2. WHEN CONCRETE COLLARS ARE USED TO CONNECT PIPES OF DIFFERENT OUTSIDE DIMENSIONS, THE CONCRETE COLLAR SHALL BE FORMED USING THE LARGEST OUTSIDE DIMENSION. (SEE END VIEW)
3. WIRE MESH AS SHOWN IN DETAIL SHALL BE INCLUDED IN THE UNIT PRICE FOR CONCRETE COLLAR.

MODEL: Default; FILE NAME: I:\18045_Prosody - Resurfacing\CADD\Microstation\CADD Drawings\18045-sht-02a.dwg



USER NAME = ryan.gueldener	DESIGNED -	REVISED -
PLOT SCALE = 40.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 9/30/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CONSTRUCTION DETAILS

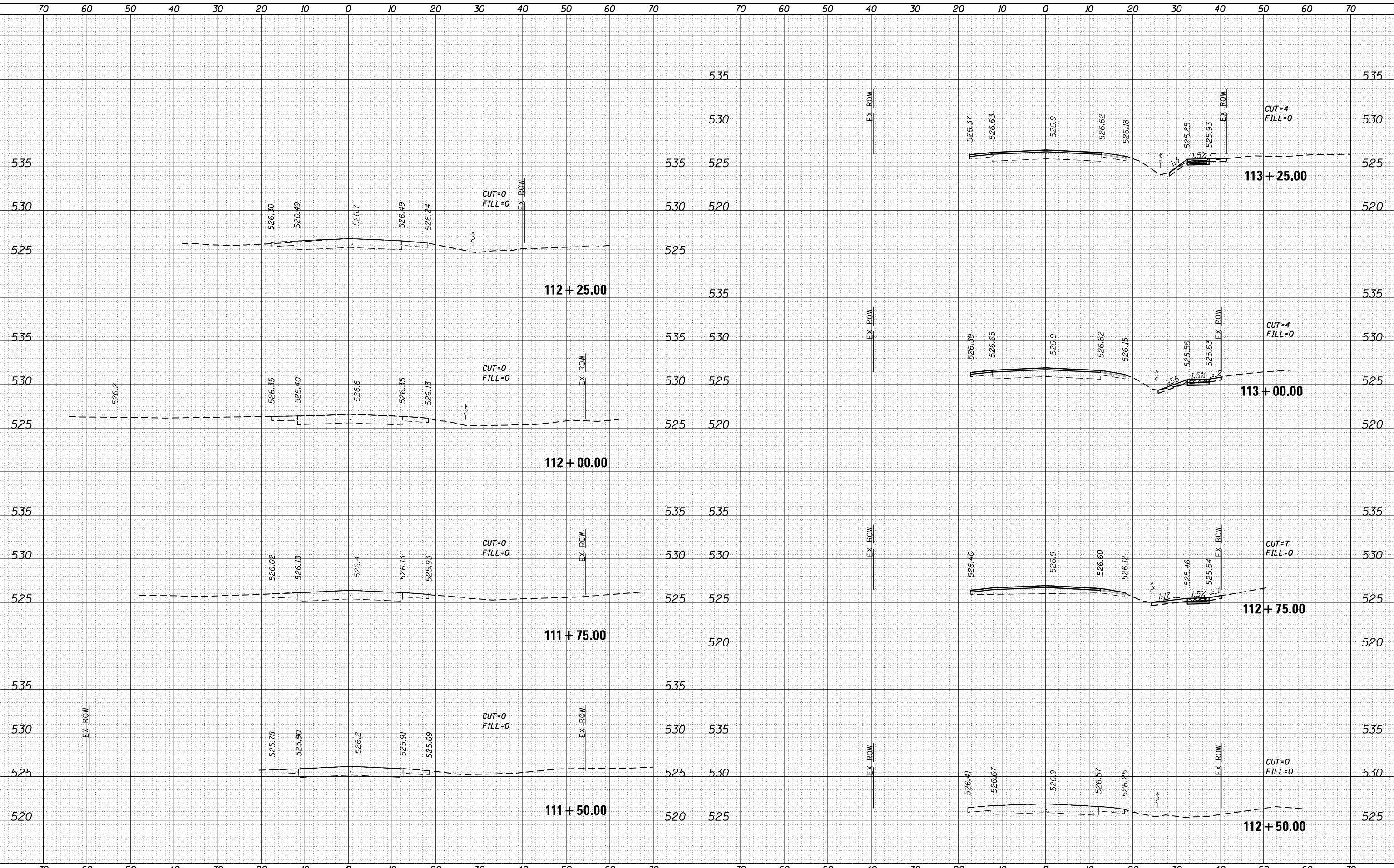
SCALE: NTS SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	16-00069-00-RS	MADISON	40	26
CITY OF HIGHLAND, ILLINOIS		CONTRACT NO. 97712		
ILLINOIS		FED. AID PROJECT		

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

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

MODEL: Default
 FILE NAME: H:\18045- Broadway Resurfacing\CADD\Microstation\CADD Drawings\0818045-ent-1-sec.dgn



OATES ASSOCIATES
 ILLINOIS DESIGN FIRM LICENSE NO.: 184,001115

USER NAME = ryan.gueldeher	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/12/2019	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE: SHEET 1 OF 14 SHEETS STA. 111+50.00 TO STA. 113+25.00

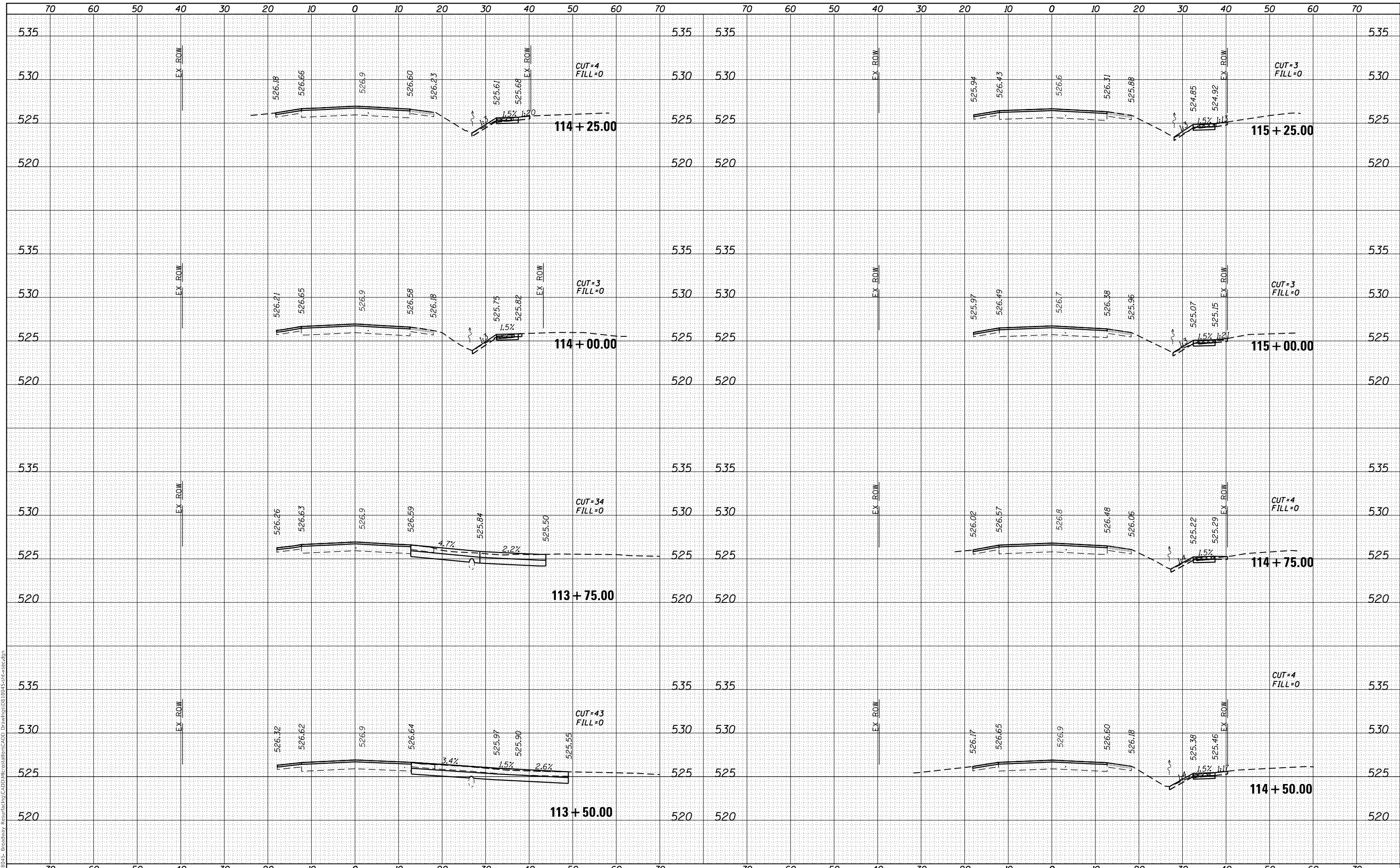
CROSS SECTIONS

F.A.U. RTE. 8846	SECTION 16-00069-00-R5	COUNTY MADISON	TOTAL SHEETS 40	SHEET NO. 27
CITY OF HIGHLAND, ILLINOIS		CONTRACT NO. 97712		
ILLINOIS		FED. AID PROJECT		

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

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

MODEL: Default
 FILE NAME: H:\18045- Broadway Resurfacing\CADD\Information\CADD Drawings\0818045-ent-sec.dgn



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 ILLINOIS DESIGN FIRM LICENSE NO.: 184,001115

USER NAME = ryan.gueldener	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/12/2019	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE: SHEET 2 OF 14 SHEETS STA. 113+50.00 TO STA. 115+25.00

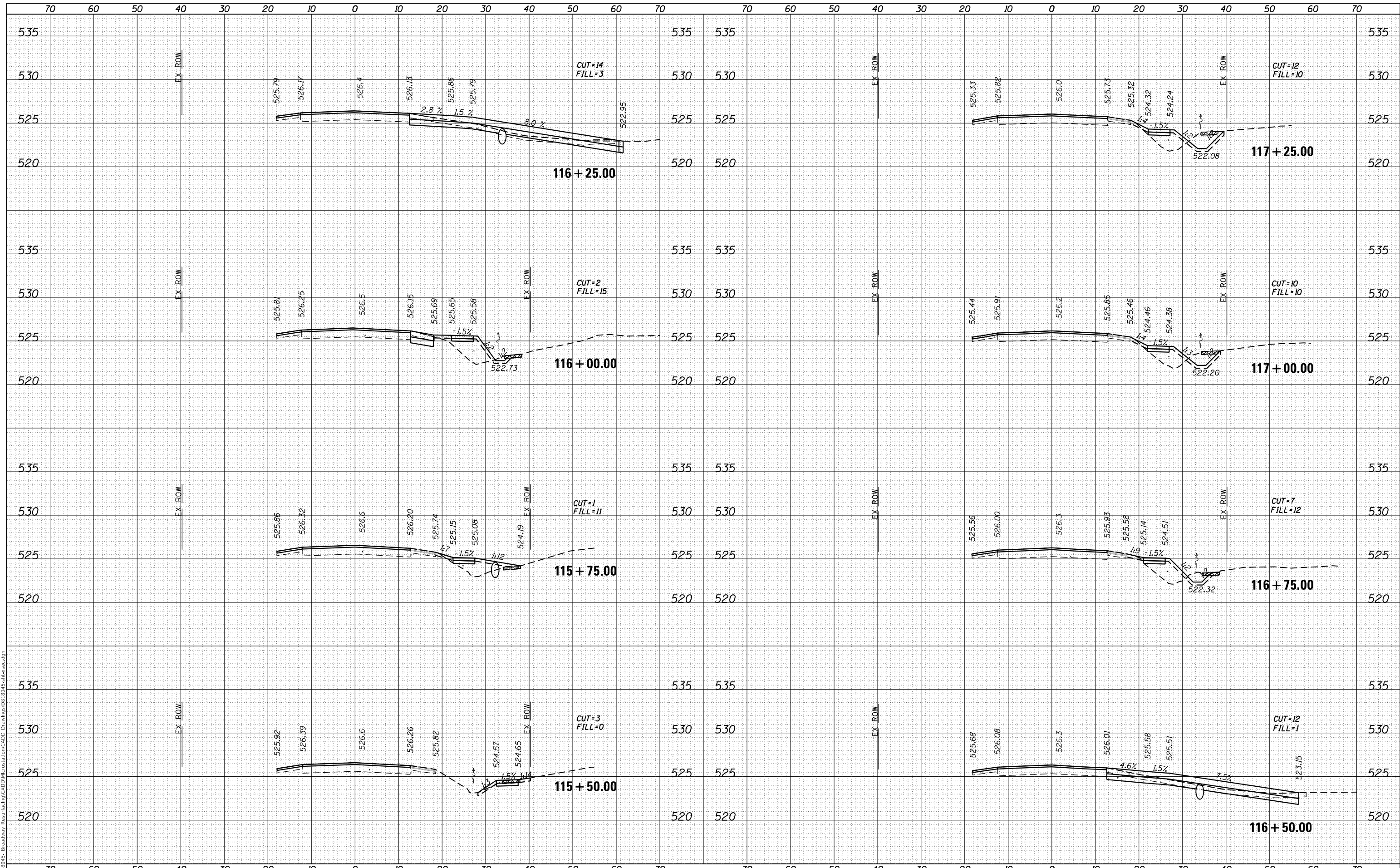
CROSS SECTIONS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	16-00069-00-R5	MADISON	40	28
CITY OF HIGHLAND, ILLINOIS		CONTRACT NO. 97712		
ILLINOIS		FED. AID PROJECT		

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

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

MODEL: Defaul
 FILE NAME: H:\18045- Broadway Resurfacing\CADD\Information\CADD Drawings\0818045-ent-sec.dgn



OATES ASSOCIATES
 ILLINOIS DESIGN FIRM LICENSE NO.: 184,001115

USER NAME = ryan.gueldeher	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/12/2019	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE:	SHEET 3	OF 14 SHEETS	STA. 115+50.00	TO STA. 117+25.00
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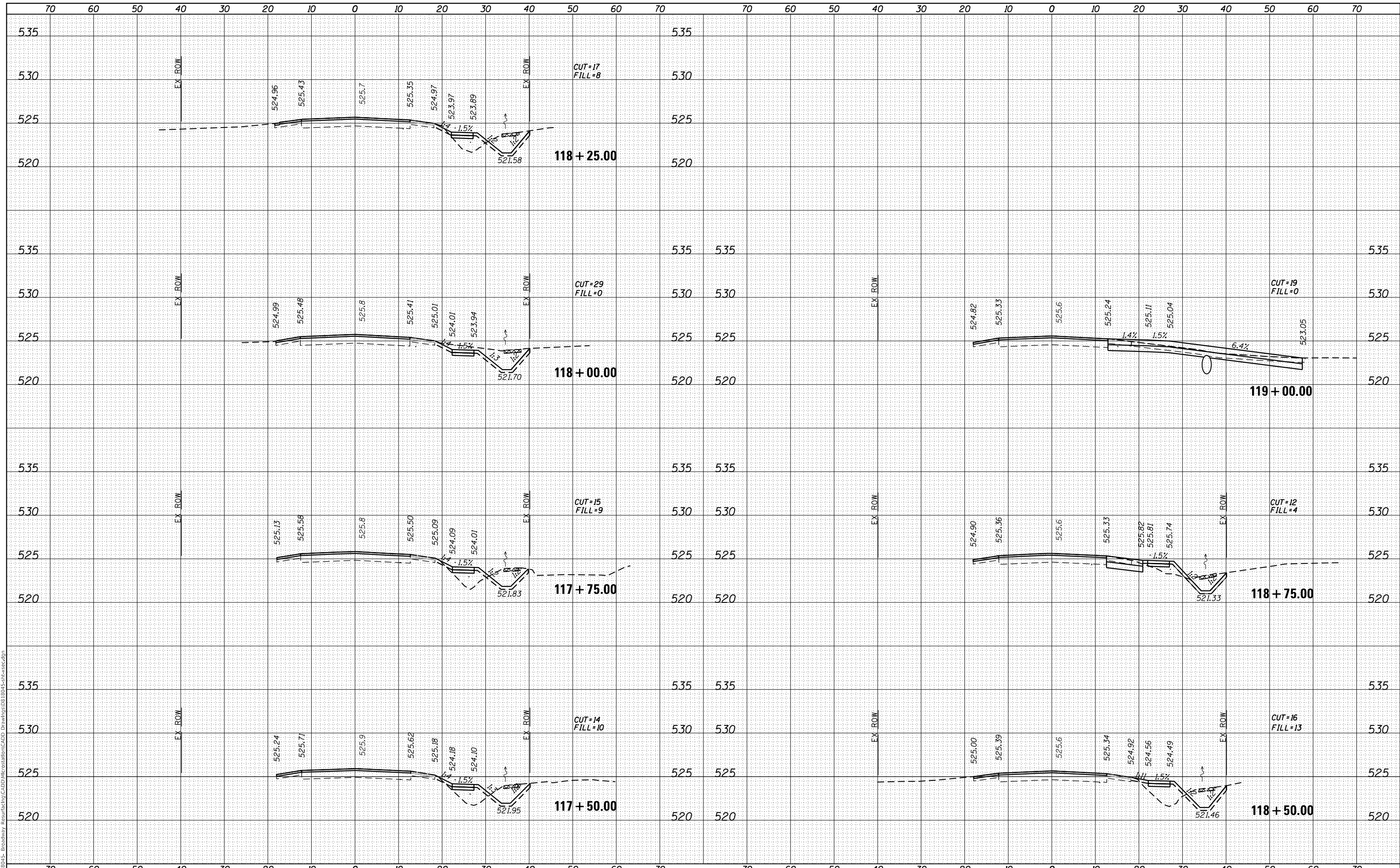
CROSS SECTIONS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	16-00069-00-R5	MADISON	40	29
CITY OF HIGHLAND, ILLINOIS		CONTRACT NO. 97712		
ILLINOIS		FED. AID PROJECT		

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

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

MODEL: Default
 FILE NAME: H:\18045- Broadway Resurfacing\CADD\microlation\CADD Drawings\0818045-ent-sec.dgn



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 ILLINOIS DESIGN FIRM LICENSE NO.: 184,001115

USER NAME = ryan.gueldener	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/12/2019	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

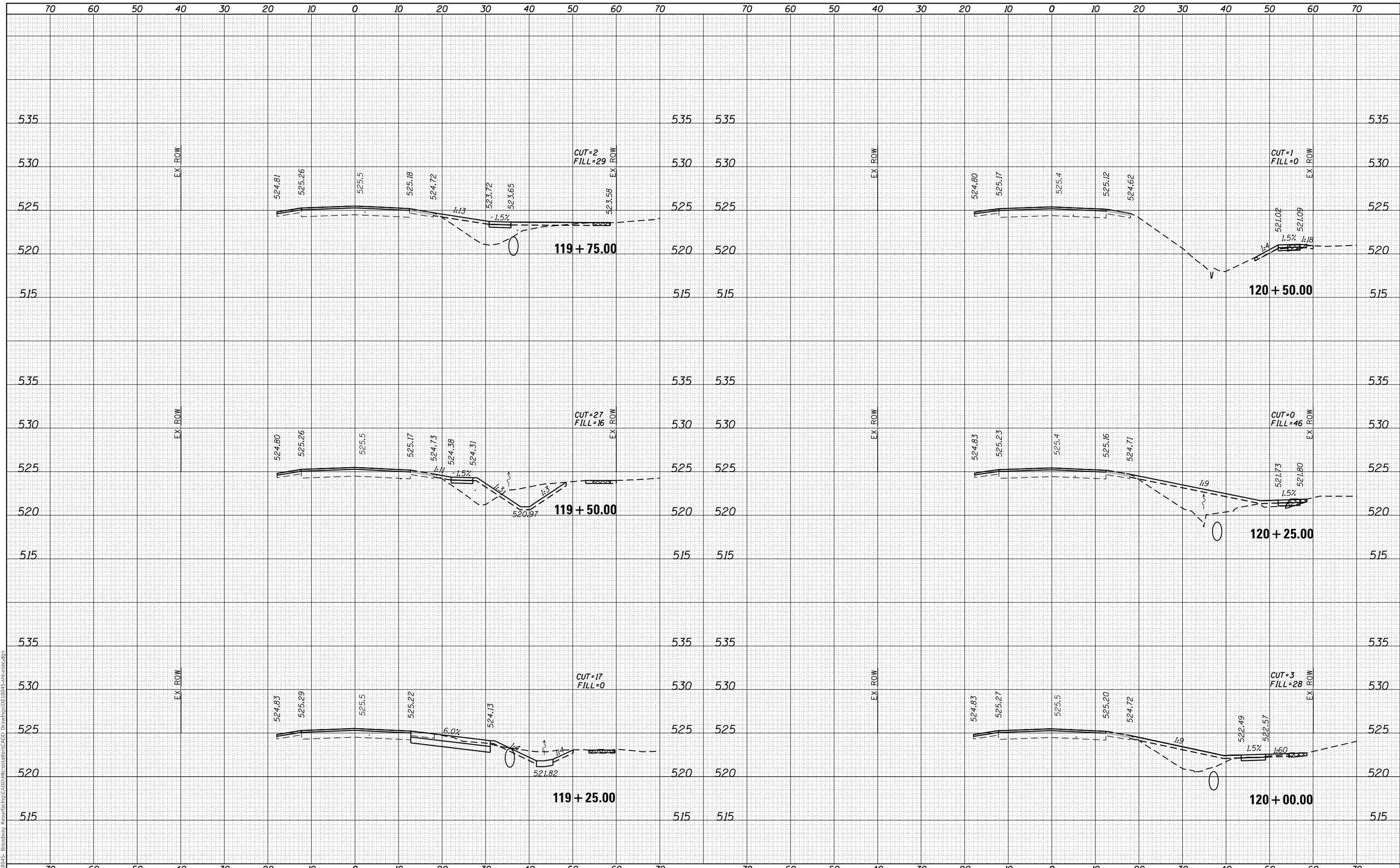
SCALE: SHEET 4 OF 14 SHEETS STA. 117+50.00 TO STA. 119+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	16-00069-00-R5	MADISON	40	30
CITY OF HIGHLAND, ILLINOIS		CONTRACT NO. 97712		
ILLINOIS		FED. AID PROJECT		

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

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

MODEL: Defaul
 FILE NAME: H:\184-00-1115-05 - Broadway Resurfacing\CADD\Microstation\CADD Drawings\0818045-ent-ssc.dgn



USER NAME = ryan.gueldeher	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/12/2019	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

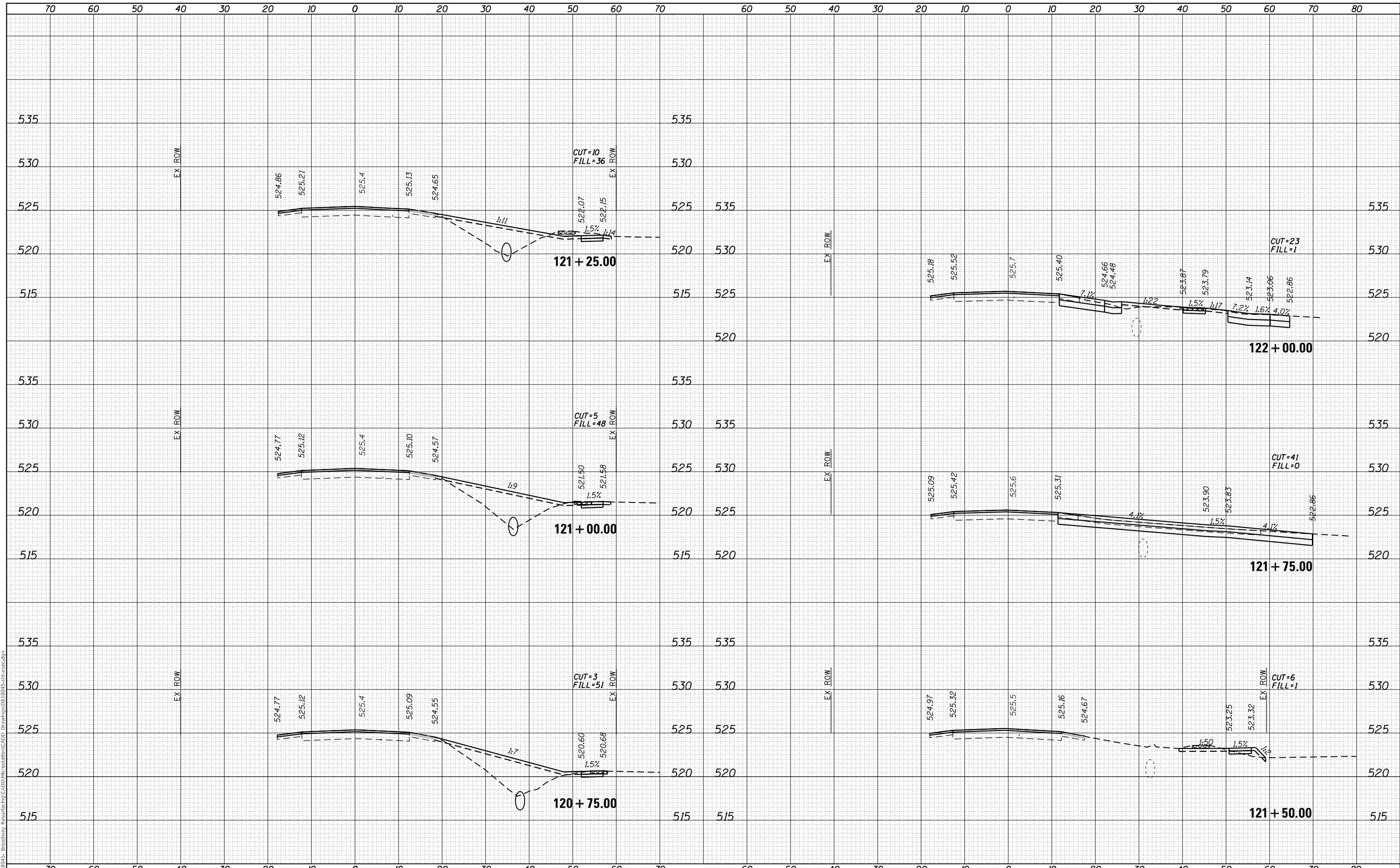
SCALE: SHEET 5 OF 15 SHEETS STA. 119+25.00 TO STA. 120+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	16-00069-00-R5	MADISON	40	31
CITY OF HIGHLAND, ILLINOIS		CONTRACT NO. 97712		
ILLINOIS		FED. AID PROJECT		

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

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

MODEL: Defaul
FILE NAME: H:\18045- Broadway Resurfacing\CADD\Microstation\CADD Drawings\0818045-ent-sec.dgn



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USER NAME = ryan.gueldeher	DESIGNED -	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 8/12/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE:	SHEET 6	OF 14	SHEETS	STA. 120+75.00	TO STA. 122+00.00
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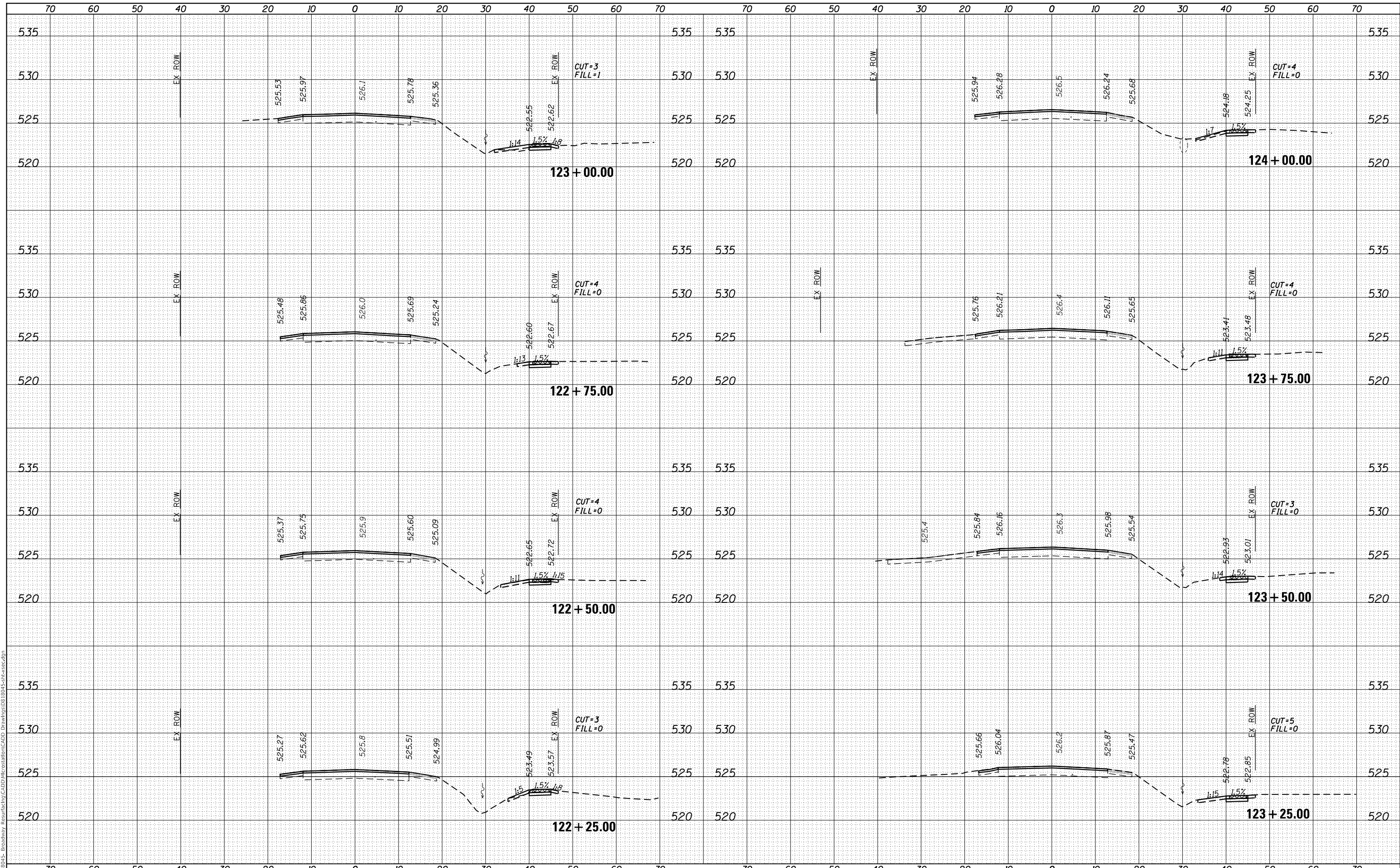
CROSS SECTIONS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	16-00069-00-R5	MADISON	40	32
CITY OF HIGHLAND, ILLINOIS		CONTRACT NO. 97712		
ILLINOIS		FED. AID PROJECT		

DATE	
BY	
FINAL SURVEY PLOTTED	
NOTE BOOK	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY PLOTTED	
NOTE BOOK	
AREAS CHECKED	

MODEL: Default
 FILE NAME: H:\18045- Broadway Resurfacing\CADD\microwat\cadd Drawings\0818045-ent-ssc.dgn



USER NAME = ryan.gueldener	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/12/2019	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE:	SHEET 7	OF 14	SHEETS	STA. 122+25.00	TO STA. 124+00.00
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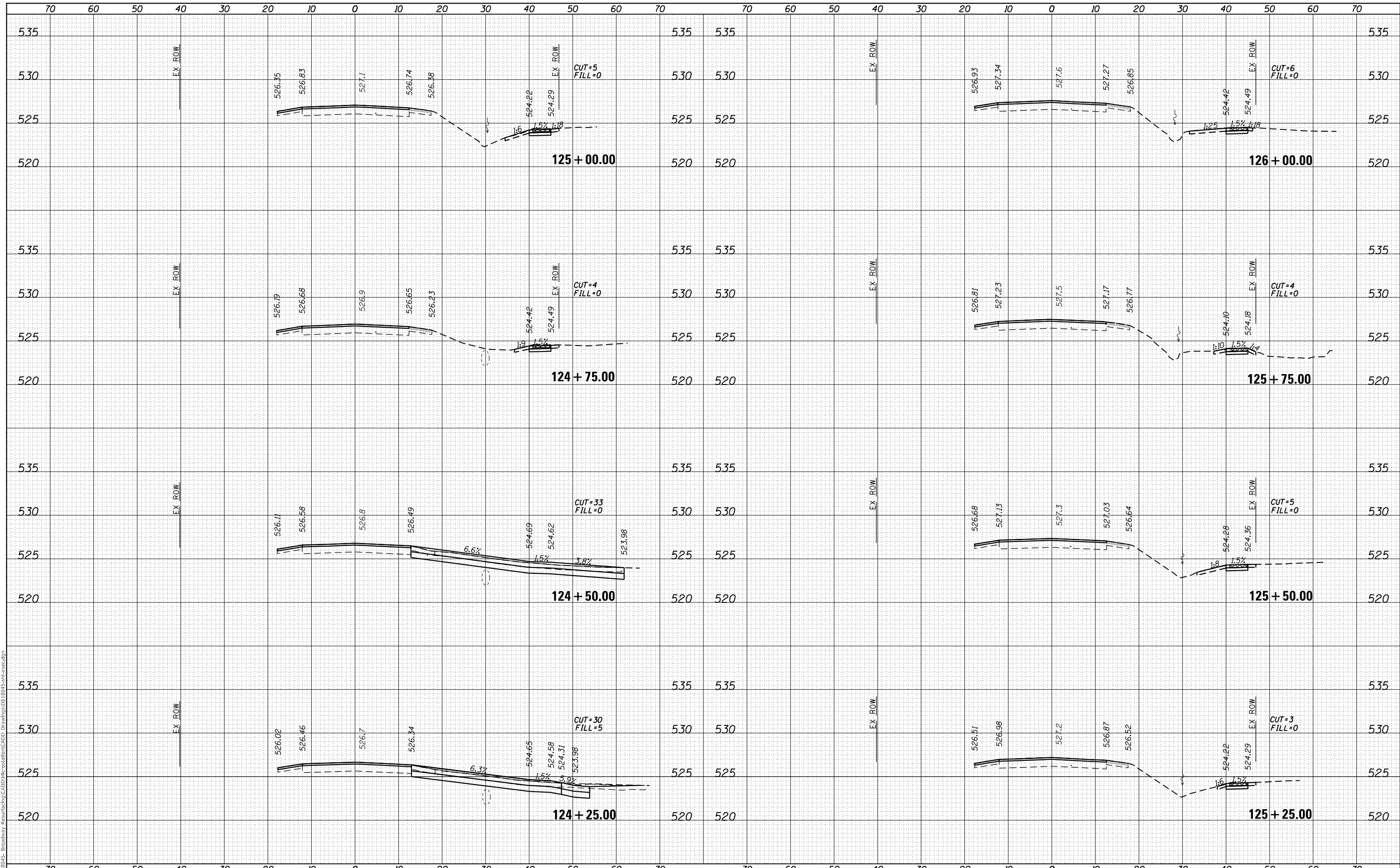
CROSS SECTIONS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	16-00069-00-R5	MADISON	40	33
CITY OF HIGHLAND, ILLINOIS		CONTRACT NO. 97712		
ILLINOIS		FED. AID PROJECT		

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

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

MODEL: Defaul
 FILE NAME: H:\18045- Broadway Resurfacing\CADD\microstation\CADD Drawings\0818045-ent-sec.dgn



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USER NAME = ryan.gueldener	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/12/2019	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE:	SHEET 8	OF 14 SHEETS	STA. 124+25.00	TO STA. 126+00.00
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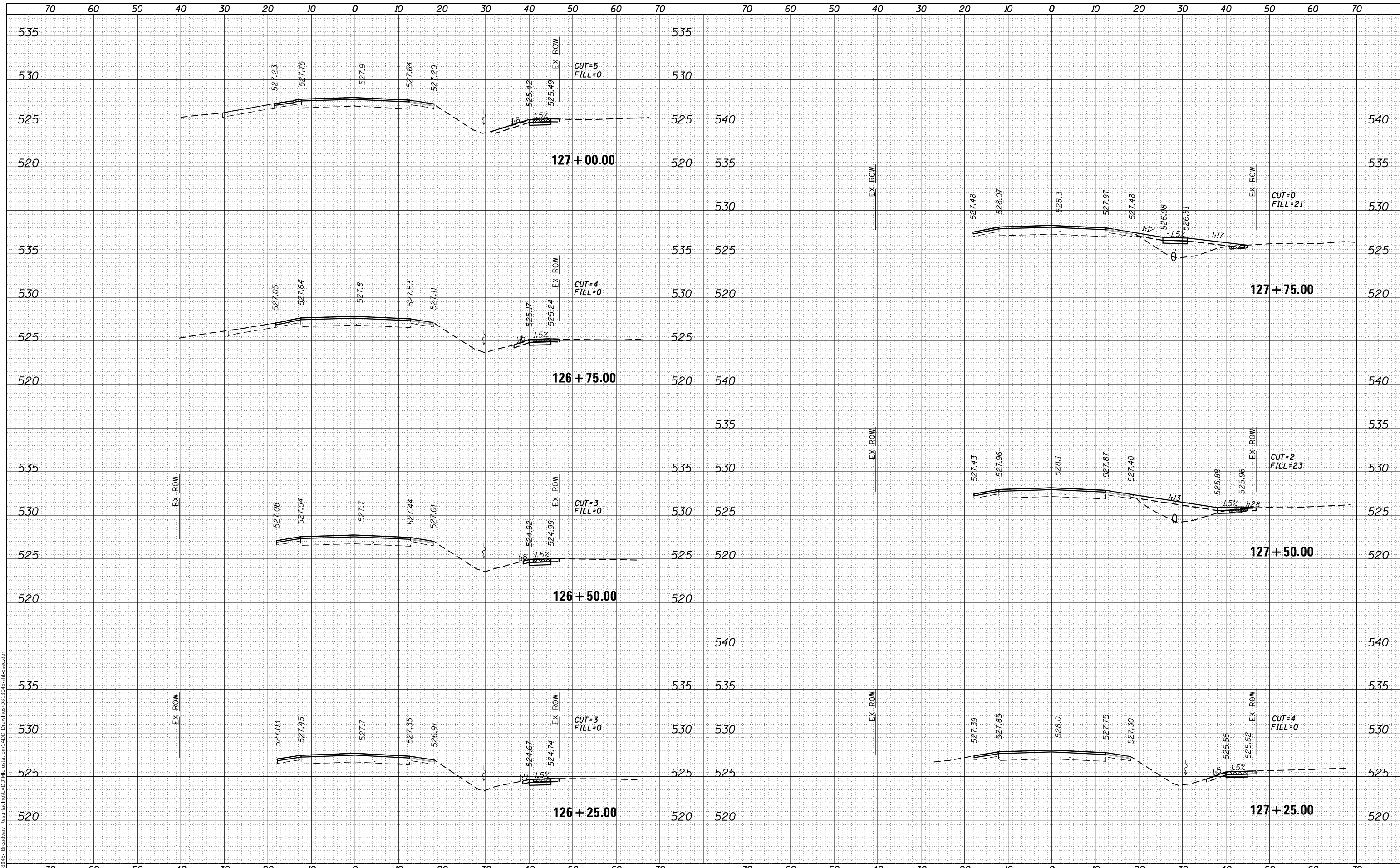
CROSS SECTIONS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	16-00069-00-R5	MADISON	40	34
CITY OF HIGHLAND, ILLINOIS		CONTRACT NO. 97712		
ILLINOIS		FED. AID PROJECT		

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

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

MODEL: Defaul
 FILE NAME: H:\18045- Broadway Resurfacing\CADD\microstation\CADD Drawings\0818045-ent-ssr.dgn



OATES ASSOCIATES
 ILLINOIS DESIGN FIRM LICENSE NO.: 184,001115

USER NAME = ryan.gueldener	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/12/2019	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE:	SHEET 9 OF 14 SHEETS	STA. 126+25.00 TO STA. 127+75.00
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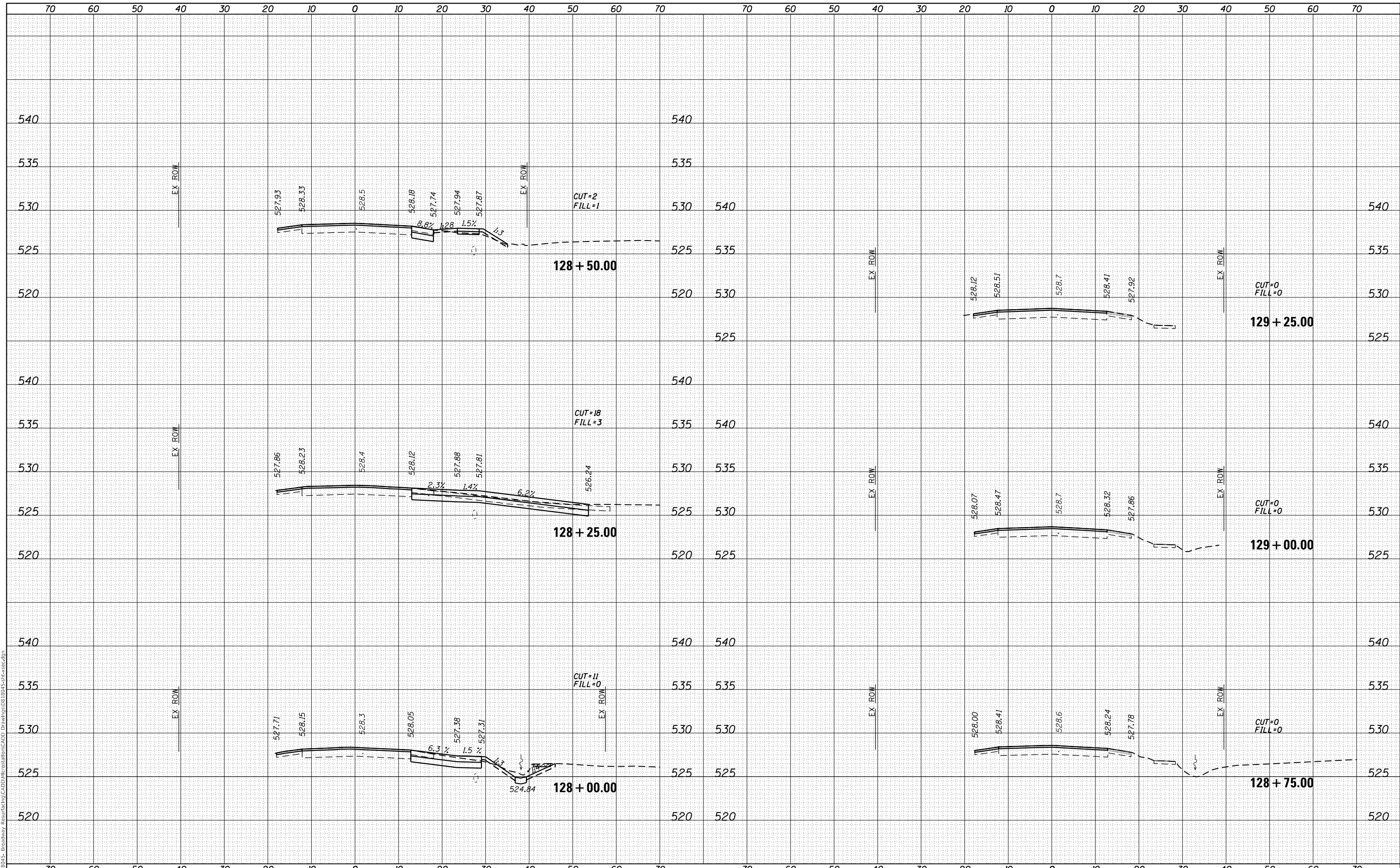
CROSS SECTIONS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	16-00069-00-R5	MADISON	40	35
CITY OF HIGHLAND, ILLINOIS			CONTRACT NO. 97712	
ILLINOIS		FED. AID PROJECT		

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

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

MODEL: Defaul
 FILE NAME: H:\18045- Broadway Resurfacing\CADD\micrstation\CADD Drawings\0818045-ent-sec.dgn



USER NAME = ryan.gueldener	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/12/2019	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

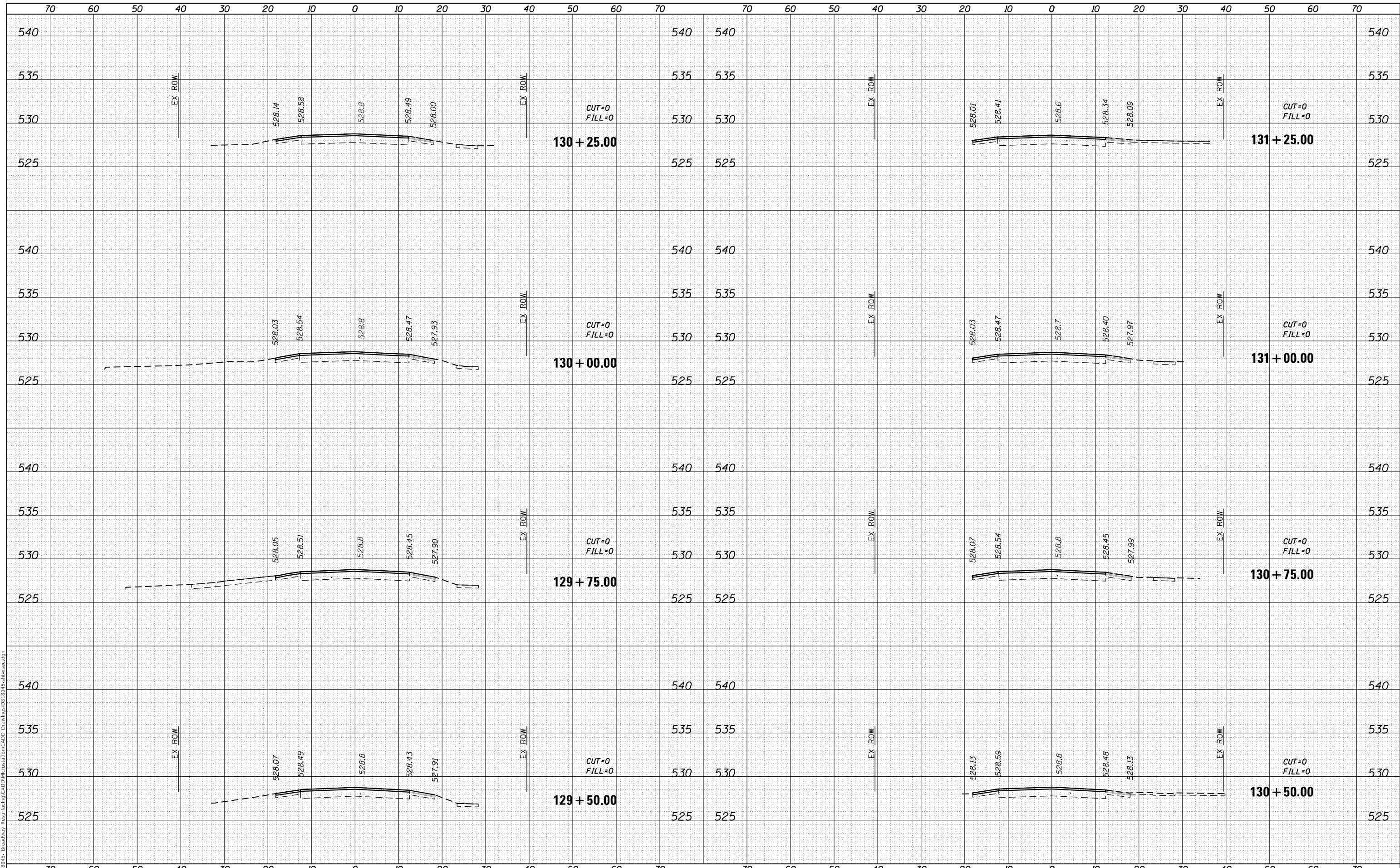
SCALE: SHEET 10 OF 14 SHEETS STA. 128+00.00 TO STA. 129+25.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	16-00069-00-R5	MADISON	40	36
CITY OF HIGHLAND, ILLINOIS		CONTRACT NO. 97712		
ILLINOIS		FED. AID PROJECT		

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

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

MODEL: Definit
 FILE NAME: H:\18045- Broadway Resurfacing\CADD\Information\CADD Drawings\0818045-ent-ssc.dgn



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 ILLINOIS DESIGN FIRM LICENSE NO.: 184,001115

USER NAME = ryan.gueldener	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/12/2019	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

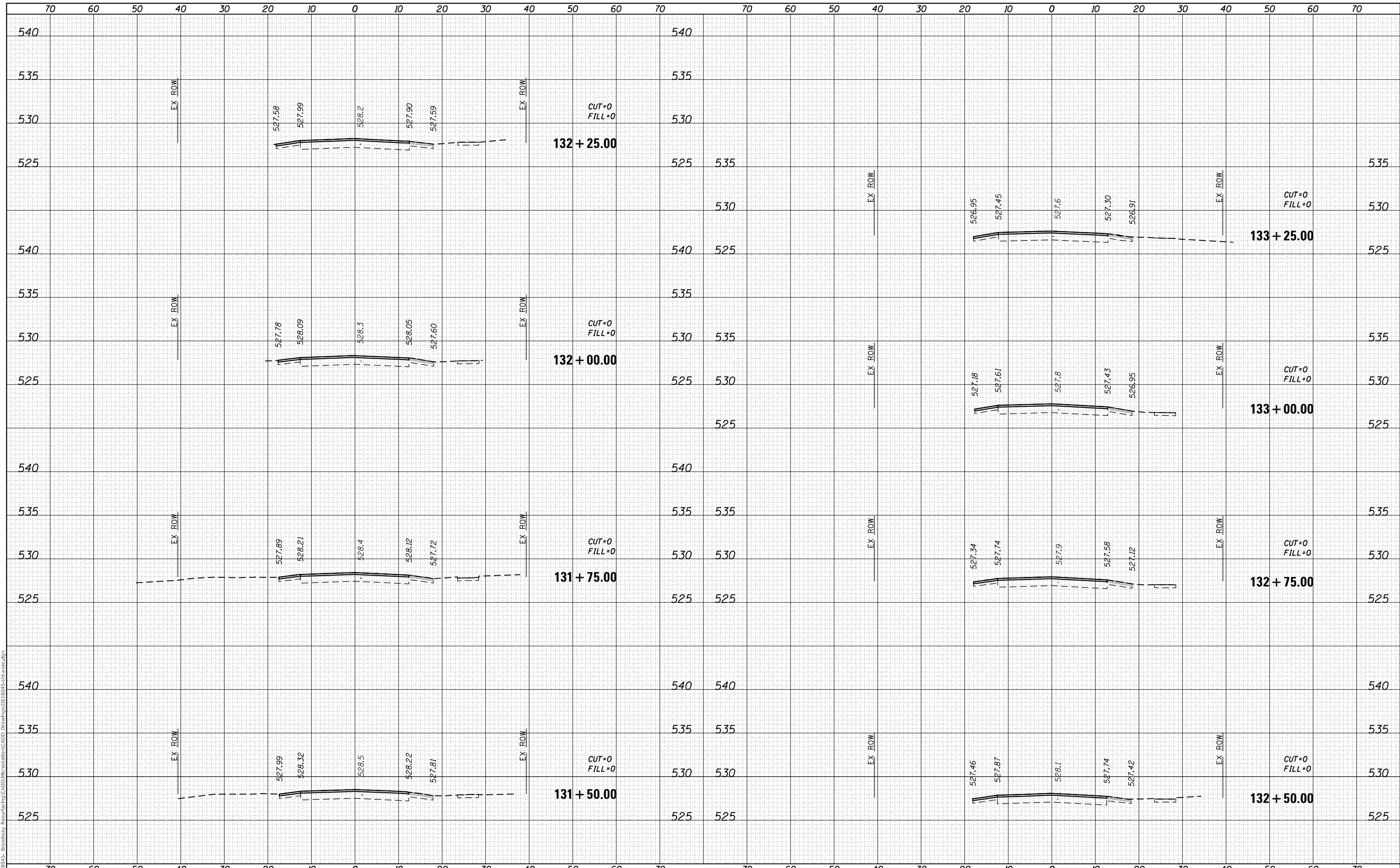
CROSS SECTIONS
 SCALE: SHEET 11 OF 14 SHEETS STA. 129+50.00 TO STA. 131+25.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	16-00069-00-R5	MADISON	40	37
CITY OF HIGHLAND, ILLINOIS		CONTRACT NO. 97712		
ILLINOIS		FED. AID PROJECT		

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

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

MODEL: Defaul
 FILE NAME: H:\18045- Broadway Resurfacing\CADD\Information\CADD Drawings\0818045-ent-ssc.dgn



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 ILLINOIS DESIGN FIRM LICENSE NO.: 184,001115

USER NAME = ryan.guelde	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/12/2019	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

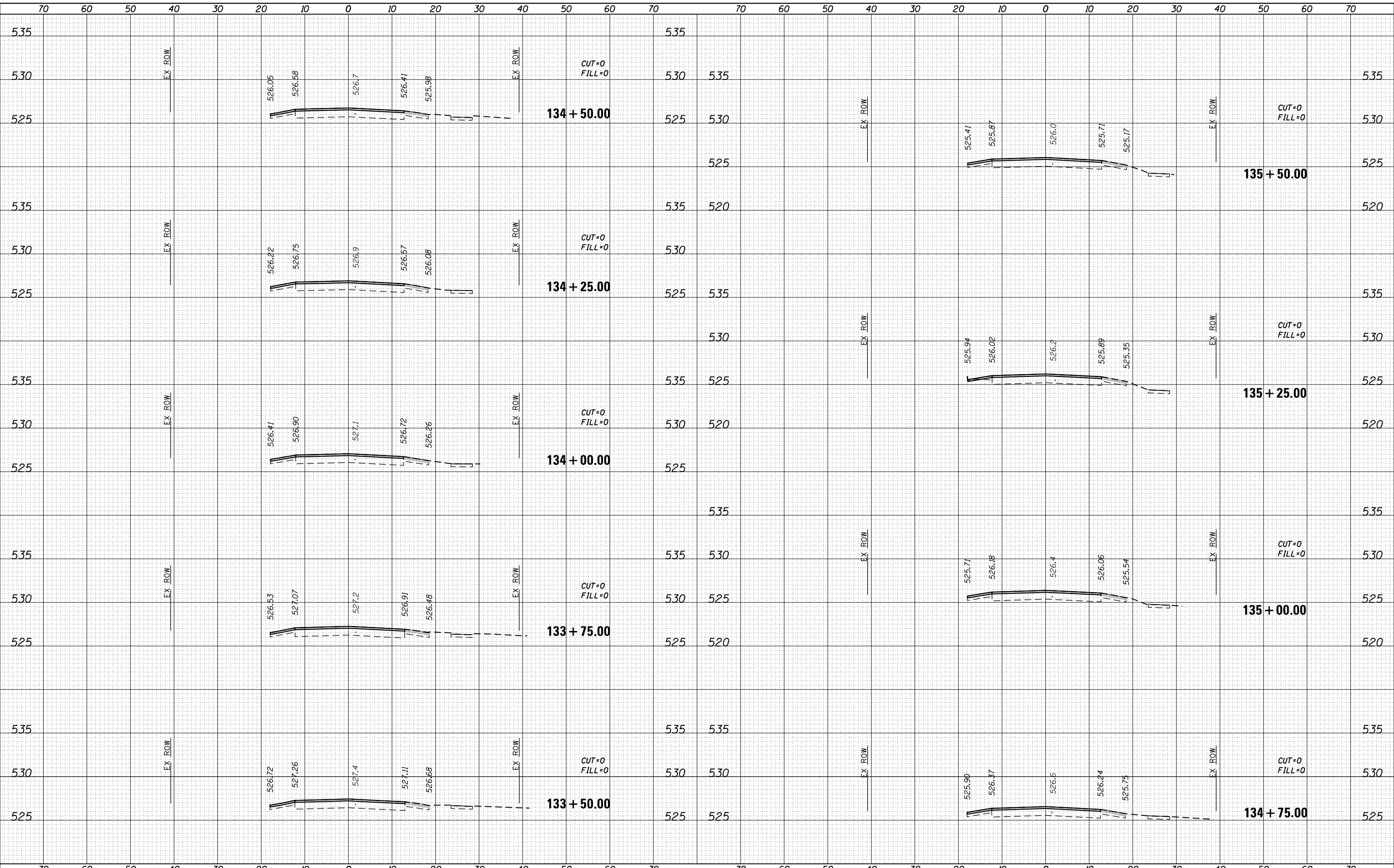
SCALE: SHEET 12 OF 14 SHEETS STA. 131+50.00 TO STA. 133+25.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	16-00069-00-R5	MADISON	40	38
CITY OF HIGHLAND, ILLINOIS		CONTRACT NO. 97712		
ILLINOIS		FED. AID PROJECT		

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

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

MODEL: Definit
 FILE NAME: H:\18495- Broadway Resurfacing\CADD\Information\CADD Drawings\0818045-ent-13r.cgm



OATES ASSOCIATES
 ILLINOIS DESIGN FIRM LICENSE NO.: 184,001115

USER NAME = ryan.gueldener	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/12/2019	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

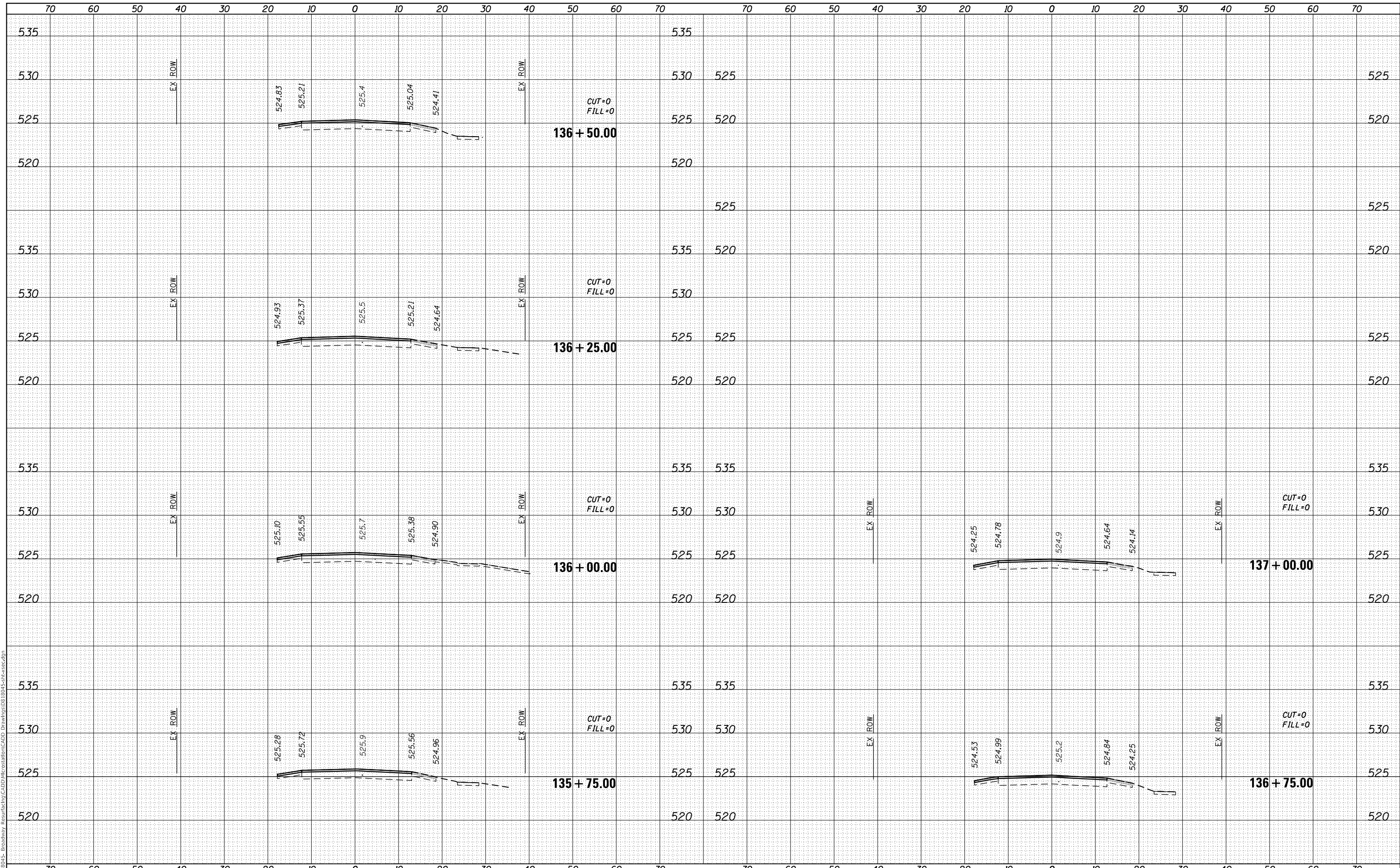
SCALE: SHEET 13 OF 14 SHEETS STA. 133+50.00 TO STA. 135+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	16-00069-00-R5	MADISON	40	39
CITY OF HIGHLAND, ILLINOIS		CONTRACT NO. 97712		
ILLINOIS		FED. AID PROJECT		

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

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

MODEL: Defaul
 FILE NAME: H:\18045- Broadway Resurfacing\CADD\micreation\CADD Drawings\0818045-ent-135-1.dgn



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 ILLINOIS DESIGN FIRM LICENSE NO.: 184,001115

USER NAME = ryan.gueldener	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/12/2019	DATE -	REVISED -

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 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

SCALE: SHEET 14 OF 14 SHEETS STA. 135+75.00 TO STA. 137+10.98

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8846	16-00069-00-R5	MADISON	40	40
CITY OF HIGHLAND, ILLINOIS		CONTRACT NO. 97712		
ILLINOIS		FED. AID PROJECT		