

INDEX OF SHEETS

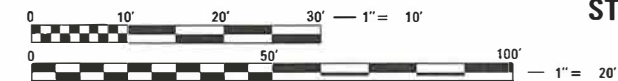
SHEET NO.	ITEM
1	COVER SHEET
2	GENERAL NOTES AND COMMITMENTS
3-6	SUMMARY OF QUANTITIES
7-11	TYPICAL SECTIONS
12-15	SCHEDULES
16-21	PLAN AND PROFILE SHEETS
22	TRAFFIC DETOUR PLAN
23-26	EROSION CONTROL
27-30	DRAINAGE SHEETS
31-34	ROW PLAN SHEETS
35	REMOVAL SHEET
36-42	ROUNDBOUT DETAILS
43-48	PAVEMENT MARKING AND SIGNING SHEETS
49-50	CONSTRUCTION DETAILS
51-60	CROSS SECTIONS

03/11/2022 LETTING ITEM 155

HIGHWAY STANDARDS

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
202001-01	EARTH MEDIAN DITCH CHECK
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420001-10	PAVEMENT JOINTS
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424026-03	ENTRANCE /ALLEY PEDESTRIAN CROSSING
424031-02	MEDIAN PEDESTRIAN CROSSINGS
442201-03	CLASS C AND D PATCHES
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
602401-07	PRECAST MANHOLE TYPE A 4' (1.22 m) DIAMETER
602601-06	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-05	FRAME AND LIDS TYPE 1
604006-05	FRAME AND GRATE TYPE 3
640001-01	SIGHT SCREEN CHAIN LINK FENCE
664001-02	CHAIN LINK FENCE
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 m) AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-05	RURAL LANE CLOSURE, 2L, 2W, 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
728001-01	TELESCOPING STEEL SIGN SUPPORT
780001-05	TYPICAL PAVEMENT MARKINGS
782001-01	CURB REFLECTORS
BLR21-9	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS
BLR28-1	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER

BEGIN SECTION
STA. 44 + 94



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

CONTRACT NO. 97767

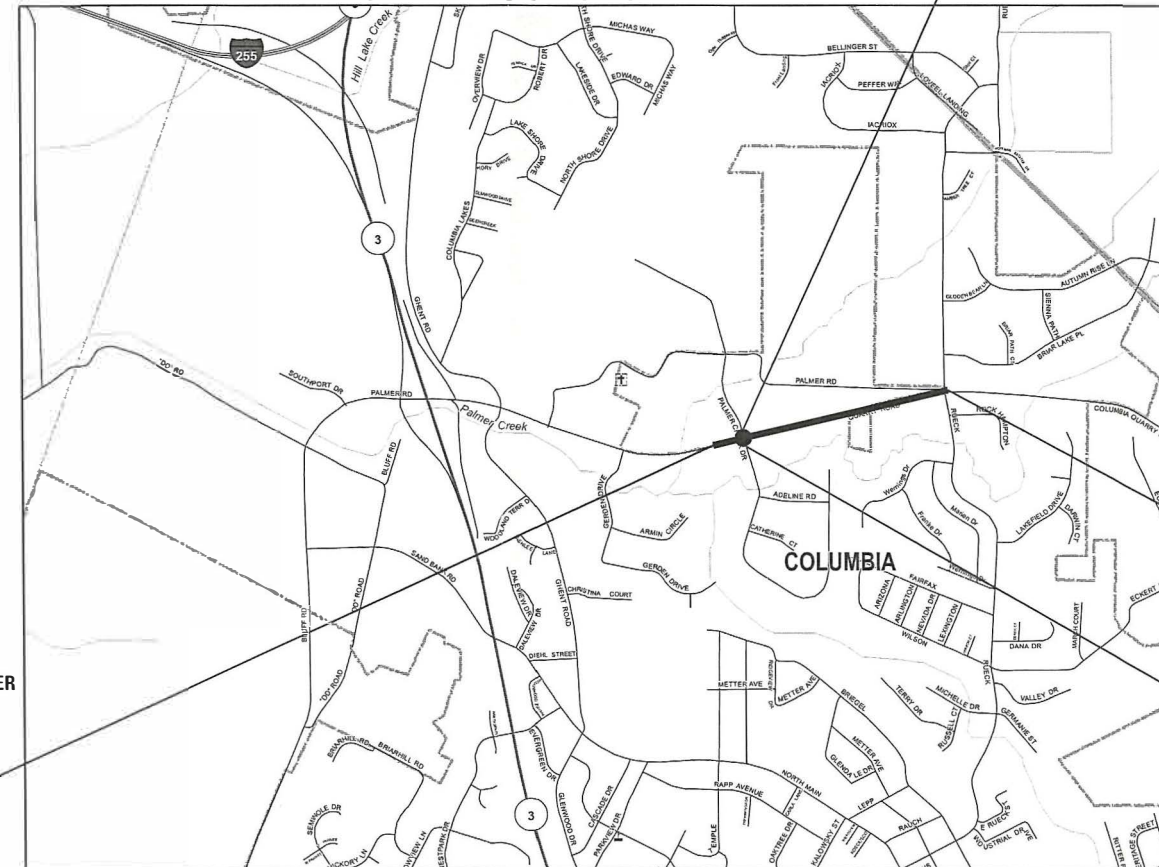
DESIGN DESIGNATION

ROADWAY CLASSIFICATION = MAJOR COLLECTOR
DESIGN SPEED = 40 MPH
DESIGN ADT (2021) = 2,850

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION
PLANS FOR PROPOSED
QUARRY ROAD ROUNDBOUT

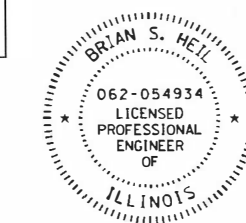
CITY OF COLUMBIA
FAU ROUTE 9311 (QUARRY ROAD)
CMAQ/STU FUNDS
SECTION 18-00054-01-PV/19-00054-02-RS
MONROE COUNTY
PROJECT 7EW9(331)
JOB C-98-010-23



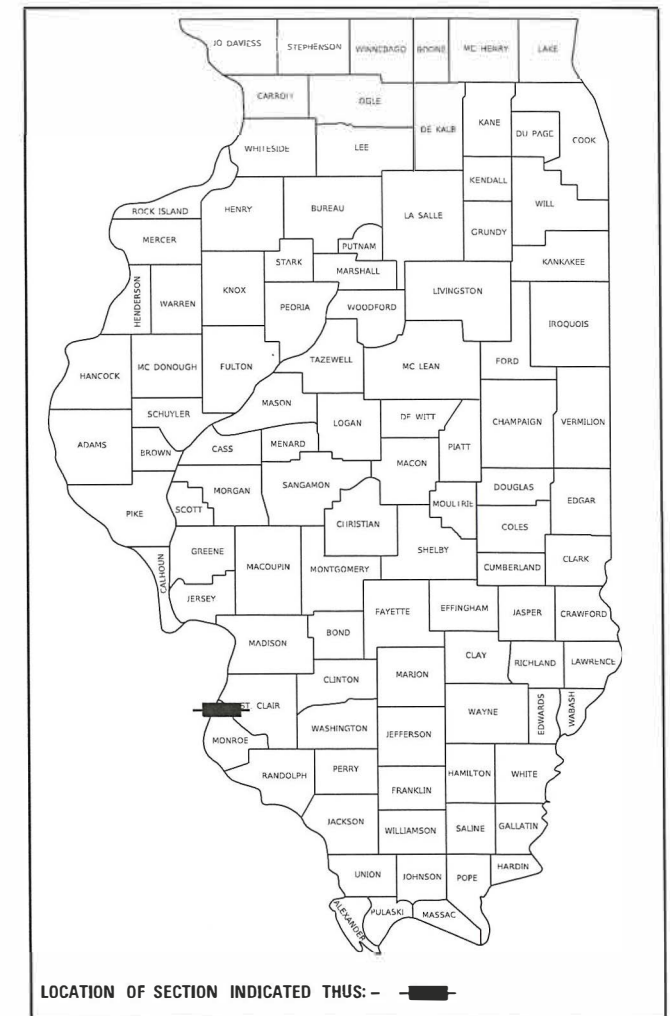
LOCATION MAP

QUARRY ROAD
GROSS LENGTH = 2,649 FT. = 0.502 MILE
NET LENGTH = 2,649 FT. = 0.502 MILE

PALMER CREEK DRIVE /FR. CARL SCHERRER DRIVE
GROSS LENGTH = 430 FT. = 0.081 MILE
NET LENGTH = 430 FT. = 0.081 MILE



Brian Heil 11/18/21
Date
BRIAN HEIL, P.E.
IL P.E. NO. 062-054934
LICENSE EXPIRES 02-28-2022



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APPROVED: *[Signature]* 11/18/21 DATE
BOB HILL MAYOR OF COLUMBIA

PASSED: 12-3-2021 DATE
[Signature] DISTRICT 8 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID BASED ON LIMITED REVIEW: 12-3-2021 DATE
[Signature] 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.oatesassoc.com
ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115

St. Louis
720 Olive, Suite 700
St. Louis, MO 63101
314.588.8381

St. Charles
330 North Main, Suite 201
St. Charles, MO 63301
636.493.6277

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UTILITIES

- 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 AND A MINIMUM HORIZONTAL CLEARANCE OF 32 INCHES ON ALL SIDEWALKS, MEASURED FROM THE EDGE OF WALK TO THE NEAR EDGE OF THE OBJECT.
- THE FOLLOWING UTILITY COMPANIES MAY HAVE FACILITIES LOCATED WITHIN THE LIMITS OF CONSTRUCTION WHICH MAY REQUIRE ADJUSTMENT, RELOCATION OR REMOVAL. REFER TO THE "STATUS OF UTILITIES TO BE ADJUSTED" SPECIAL PROVISION FOR ADDITIONAL INFORMATION.

AMEREN ILLINOIS*
 JEBB BALCH (ELECTRIC)
 (618) 236-4309
 KEN KELEHER (GAS)
 (618) 236-4372

HARRISONVILLE TELEPHONE COMPANY (COMMUNICATIONS)*
 RANDY THRONE
 213 SOUTH MAIN STREET, PO BOX 149
 WATERLOO, IL 62298
 (618) 939-9234

CHARTER COMMUNICATIONS (COMMUNICATIONS)*
 815 CHARTER COMMONS
 TOWN & COUNTRY, MO 63017
 (618) 779-4179

CITY OF COLUMBIA (WATER & SEWER)*
 TIM AHRENS
 110 WEST SAND BANK ROAD
 COLUMBIA, IL 62236
 (618) 281-4264

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

- THE CONTRACTOR SHALL CONTACT THE CITY'S FIRE AND POLICE DEPARTMENTS 48 HOURS IN ADVANCE OF ANY LANE RESTRICTIONS AT THE FOLLOWING SHARED PHONE NUMBER: 618-281-5151
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO ORDERING MATERIALS AND COMMENCING CONSTRUCTION.
- 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.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL CONTACT THE LOCAL POSTMASTER FOR APPROVAL OF ALL TEMPORARY MAILBOX LOCATIONS. THE COST OF ALL MATERIALS REQUIRED AND ALL 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.
- 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.
- 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.

PAVING

- THE CONTRACTOR SHALL NOTE THE LOCATION OF ALL MANHOLE AND VALVE COVER FRAMES AND LIDS LOCATED WITHIN RESURFACING LIMITS. APPROPRIATE CARE SHALL BE TAKEN TO PROTECT THESE ITEMS DURING MILLING OPERATIONS.
- ALL PATCHING SHALL BE COMPLETED PRIOR TO HOT-MIX ASPHALT SURFACE REMOVAL.
- AT VARIOUS LOCATIONS, IT MAY BE NECESSARY TO TRANSITION PROPOSED COMBINATION CONCRETE CURB AND GUTTER TO MEET EXISTING CURBS OR GUTTERS. THE MINIMUM LENGTH OF TRANSITIONAL COMBINATION CURB AND GUTTER SHALL BE 15 FEET, UNLESS DIRECTED OTHERWISE BY THE ENGINEER.

DRAINAGE

- 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.
- 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.
- 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.
- THE CONTRACTOR SHALL INCLUDE THE COST OF MAKING CONNECTIONS TO EXISTING DRAINAGE STRUCTURES IN THE CONTRACT UNIT PRICE FOR THE STORM SEWER ITEMS INVOLVED.

PAVEMENT MARKING


- TEMPORARY PAVEMENT MARKING HAS BEEN INCLUDED IN THE SUMMARY OF QUANTITIES IN THE EVENT THE PERMANENT PAVEMENT MARKINGS ARE UNABLE TO BE INSTALLED PRIOR TO CONSTRUCTION SHUTDOWN (I.E. WEATHER RESTRICTIONS). THE ENGINEER SHALL DETERMINE IF THE TEMPORARY PAVEMENT MARKING WILL NEED TO BE INSTALLED.
- 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

- 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	200 TON
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	400 CU YD
AGGREGATE BASE COURSE, TYPE B, 12"	200 SQ YD
PAVEMENT PATCHING, TYPE 1, 11 INCH	10 SQ YD
PAVEMENT PATCHING, TYPE 2, 11 INCH	50 SQ YD
PAVEMENT PATCHING, TYPE 3, 11 INCH	200 SQ YD
PAVEMENT PATCHING, TYPE 4, 11 INCH	150 SQ YD
WATER VALVES TO BE ADJUSTED	5 EACH

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

	FLARED END SECTION
BO	BY OTHERS (USED IN CONJUNCTION WITH TBA & TBR)
CONST	CONSTRUCTION
CP	CONTROL POINT
ELEV	ELEVATION
INCDTL	INCIDENTAL
K	LENGTH OF VERTICAL CURVE PER PERCENT GRADE DIFFERENCE
N/F	NOW OR FORMERLY
O/C	OIL AND CHIP
PVI	POINT OF VERTICAL INTERSECTION
TBA	TO BE ADJUSTED
TBRL	TO BE RELOCATED
DND	DO NOT DISTURB
TYP	TYPICAL
VWGF	VARIABLE WIDTH GUTTER FLAG
W	WIDTH
ME	MATCH EXISTING

COMMITMENTS

- CAREFULLY REMOVE THE "GEDERN ESTATES" SIGN LETTERS AND DELIVER THEM TO THE ENGINEER.
- CAREFULLY REMOVE THE LIMESTONE CAPS ON THE TOP OF THE "GEDERN ESTATES" SIGN AND DELIVER TO THE ENGINEER.

EMERGENCY CONTACTS DURING LANE CLOSURE

COLUMBIA EMS KIM LAMPRECHT (618) 281-4163	COLUMBIA FIRE DEPARTMENT MIKE ROEDIGER (618) 281-6688 X432	COLUMBIA POLICE DEPARTMENT JERRY PAUL (618) 281-6616 X445
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MIXTURES TABLE

LOCATION(S):	QUARRY RD	QUARRY RD	QUARRY RD	MULTI-USE PATH	QUARRY RD	QUARRY RD
MIXTURE USE(S):	ROAD SURFACE	SHOULDERS (LOWER)	SHOULDERS (UPPER)	SURFACE	BINDER	INCIDENTAL SURFACING
PG:	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ Ndes=70	4.0% @ Ndes=30	4.0% @ Ndes=30	4.0% @ Ndes=30	4.0% @ Ndes=70	4.0% @ Ndes=70
MIXTURE COMPOSITION:	IL-9.5	IL-19.0L	IL-9.5L	IL-9.5L	IL-19.0	IL-9.5
FRICITION AGG:	MIXTURE "C"		MIXTURE "C"	MIXTURE "C"		MIXTURE "B"
MIXTURE WEIGHT:	112.0 LB/SQ YD/IN	112.0 LB/SQ YD/IN	112.0 LB/SQ YD/IN	112.0 LB/SQ YD/IN	112.0 LB/SQ YD/IN	112.0 LB/SQ YD/IN
QUALITY MANAGEMENT PROGRAM:	QC/QA	QC/QA	QC/QA	QC/QA	QC/QA	QC/QA
SUBLOT SIZE:	N/A	N/A	N/A	N/A	N/A	N/A
MATERIAL TRANSFER DEVICE (REQUIRED?)	NO	NO	NO	NO	NO	NO

MODEL: Default
 FILE NAME: I:\18124 - Columbia Quarry\8\CADD\Microstation\PH II CADD_Sheets\0818124_Sht-General Notes.dgn
 ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115



USER NAME = brian.heil	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 2.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 11/17/2021	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES AND COMMITMENTS

SCALE: N/A SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9311	18-00054-01-PV/ 19-00054-02-R5	MONROE	60	2
CONTRACT NO. 97767			ILLINOIS FED. AID PROJECT	

SI	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
						CMAQ/0021	STU/0004
*		20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	6	6	
*		20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	54	54	
*		20200100	EARTH EXCAVATION	CU YD	3,605	2,500	1,105
*		20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	400		400
*		20400800	FURNISHED EXCAVATION	CU YD	1,145	900	245
*		20800150	TRENCH BACKFILL	CU YD	652	333	319
		25000400	NITROGEN FERTILIZER NUTRIENT	POUND	135		135
		25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	135		135
		25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	135		135
		25100115	MULCH, METHOD 2	ACRE	1.5		1.5
		25100630	EROSION CONTROL BLANKET	SQ YD	323	323	
		28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	300	250	50
		28000305	TEMPORARY DITCH CHECKS	FOOT	10	10	
		28000400	PERIMETER EROSION BARRIER	FOOT	3,983	1,400	2,583

SI	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
						CMAQ/0021	STU/0004
		28000500	INLET AND PIPE PROTECTION	EACH	25	12	13
		28100107	STONE RIPRAP, CLASS A4	SQ YD	83	46	37
		28200200	FILTER FABRIC	SQ YD	83	46	37
		35100500	AGGREGATE BASE COURSE, TYPE A 6"	SQ YD	3,046	1,000	2,046
		35101100	AGGREGATE BASE COURSE, TYPE A 12"	SQ YD	3,929	3,929	
		35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	1,156	300	856
		35102200	AGGREGATE BASE COURSE, TYPE B 10"	SQ YD	148	148	
		35102400	AGGREGATE BASE COURSE, TYPE B 12"	SQ YD	200		200
		35400200	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 7"	SQ YD	252	100	152
		40200500	AGGREGATE SURFACE COURSE, TYPE A 6"	SQ YD	78		78
		40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	200	100	100
		40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	8,228	8,228	
		40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	4,506	1,230	3,276
		40600990	TEMPORARY RAMP	SQ YD	133	114	19

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

MODEL: Default
FILE NAME: H:\P18124 - Columbia Quarry Re/CADD/Microstation\PH I CADD Sheets\0818124-SH-500.dgn



USER NAME = brian.heil	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/21/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
SCALE:	SHEET 1 OF 4 SHEETS	STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9311	18-00054-01-PV/ 19-00054-02-RS	MONROE	60	3
CONTRACT NO. 97767			ILLINOIS FED. AID PROJECT	

SI	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
						CMAQ/0021	STU/0004
		40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	1,777	700	1,077
		40604052	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	TON	590	200	390
		40604090	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5L, MIX "C", N30	TON	303	100	203
		40800029	BITUMINOUS MATERIALS (TACK COAT)	POUND	349		349
		40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	101		101
		42000301	PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)	SQ YD	1,940	1,769	171
		42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	163	80	83
		42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	329	120	209
		42400400	PORTLAND CEMENT CONCRETE SIDEWALK 7 INCH	SQ FT	689	449	240
	*	42400800	DETECTABLE WARNINGS	SQ FT	120	80	40
		44000100	PAVEMENT REMOVAL	SQ YD	2,806	1,163	1,643
		44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	120		120
		44000600	SIDEWALK REMOVAL	SQ FT	2,406	740	1,666
	*	44200128	PAVEMENT PATCHING, TYPE I, 11 INCH	SQ YD	10		10

SI	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
						CMAQ/0021	STU/0004
	*	44200132	PAVEMENT PATCHING, TYPE II, 11 INCH	SQ YD	50		50
	*	44200136	PAVEMENT PATCHING, TYPE III, 11 INCH	SQ YD	200		200
	*	44200138	PAVEMENT PATCHING, TYPE IV, 11 INCH	SQ YD	150		150
		48100500	AGGREGATE SHOULDERS, TYPE A 6"	SQ YD	934	179	755
		48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	505	56	449
		50105220	PIPE CULVERT REMOVAL	FOOT	49		49
		54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	2	2	
		54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	2		2
		550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	FOOT	1,609	619	990
		550A2520	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12"	FOOT	521	445	76
		550A2560	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 24"	FOOT	81		81
		56109210	WATER VALVES TO BE ADJUSTED	EACH	5	2	3
		60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1		1
		60218500	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 3 FRAME AND GRATE	EACH	2	2	

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

MODEL: Default
FILE NAME: I:\1918124 - Columbia Quarry Re/CAD/Microstation\1918124-5H-500.dgn



USER NAME = brian.heil	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 11/17/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES	
SCALE:	SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9311	18-00054-01-PV/ 19-00054-02-RS	MONROE	60	4
CONTRACT NO. 97767			ILLINOIS FED. AID PROJECT	

SI	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
						CMAQ/0021	STU/0004
	*	60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	7	3	4
	*	60240220	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	EACH	13	7	6
		60600605	CONCRETE CURB, TYPE B	FOOT	122		122
		60604300	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (VARIABLE WIDTH GUTTER FLAG)	FOOT	588	588	
		60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	3,414	1,100	2,314
		60605900	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-9.12	FOOT	167	167	
		60608300	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12	FOOT	274	274	
		60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	1,332	1,332	
		G7100100	MOBILIZATION	L SUM	1	0.7	0.3
		70300100	SHORT TERM PAVEMENT MARKING	FOOT	930	222	708
		70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	106	26	80
		70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	66	66	
		70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	9,367	4,662	4,705
		70300261	TEMPORARY PAVEMENT MARKING - LINE 12"- PAINT	FOOT	186	186	

SI	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
						CMAQ/0021	STU/0004
		70300281	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	180	80	100
	*	72000100	SIGN PANEL - TYPE 1	SQ FT	110		110
	*	72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	9	5	4
	*	72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	2		2
	*	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	244		244
	*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	7,670	2,965	4,705
	*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	114	114	
	*	78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	66	66	
	*	78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	1,697	1,697	
	*	78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	72	72	
	*	78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	180	80	100
	*	78200020	CURB REFLECTORS	EACH	34	34	
		78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	3,739	1,971	1,768
	*	84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	1	1	

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

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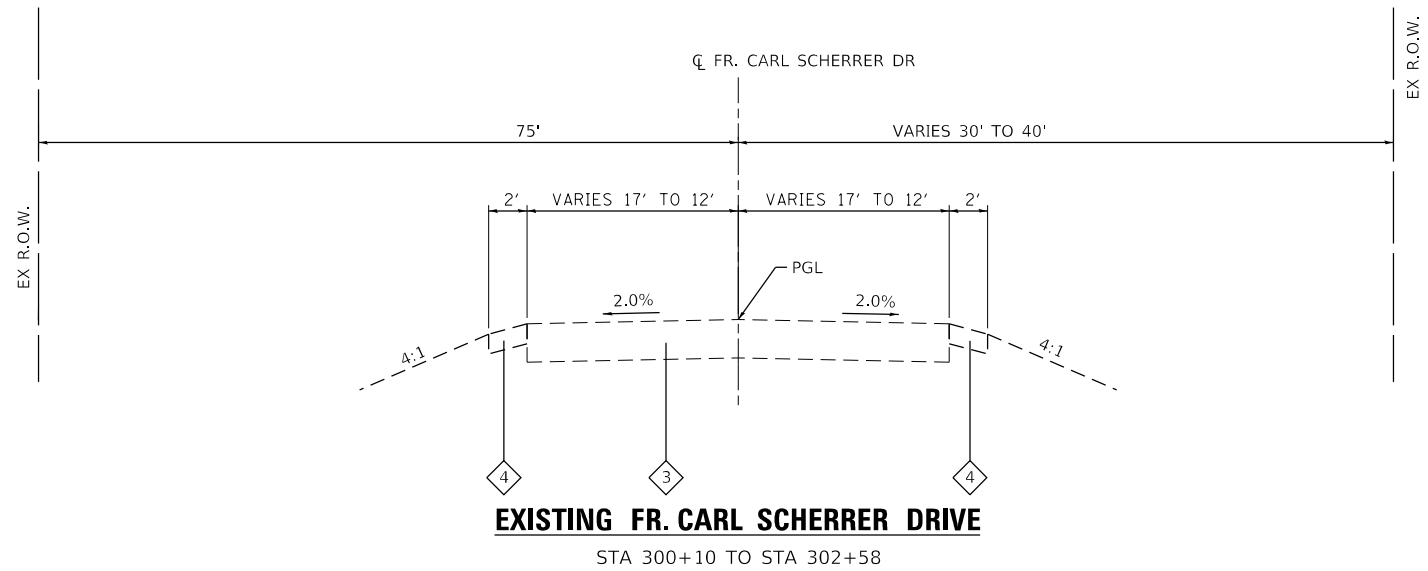


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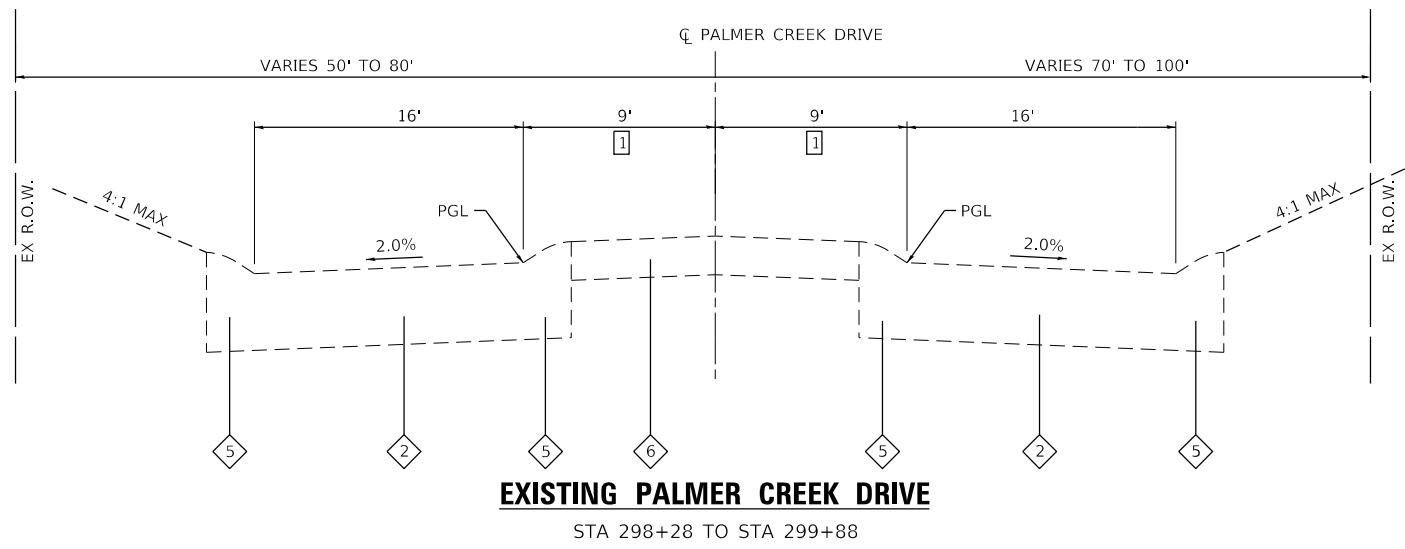
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES	
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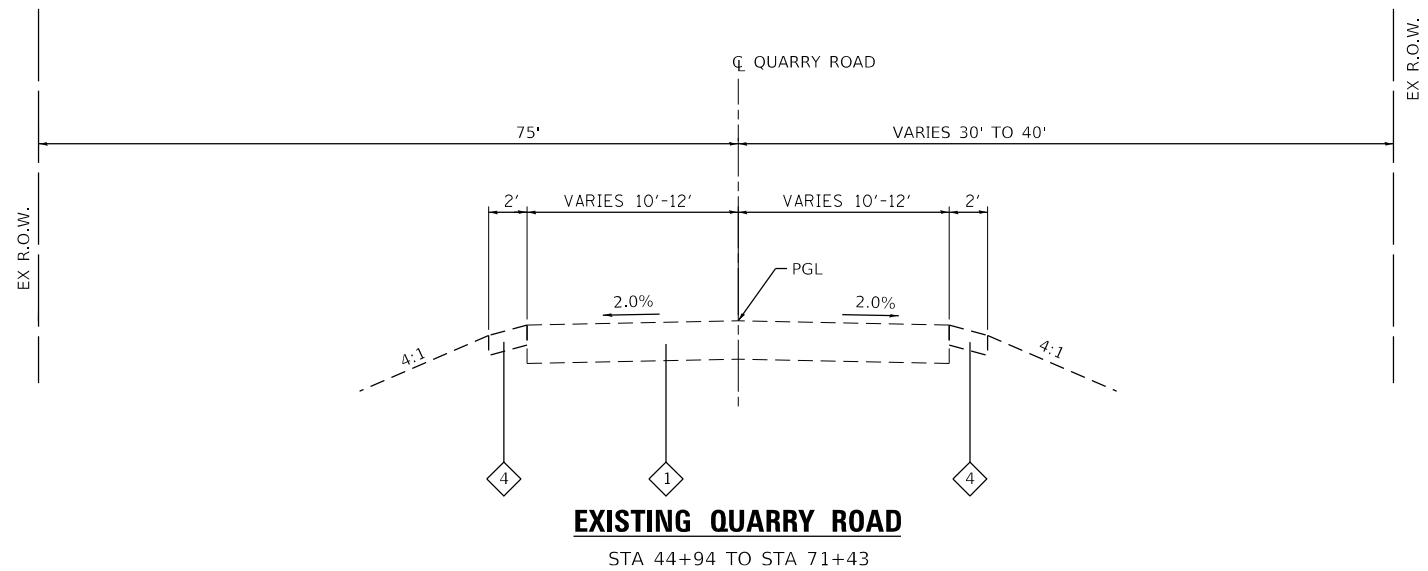
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9311	18-00054-01-PV/ 19-00054-02-RS	MONROE	60	5
CONTRACT NO. 97767			ILLINOIS FED. AID PROJECT	



EXISTING FR. CARL SCHERRER DRIVE
STA 300+10 TO STA 302+58



EXISTING PALMER CREEK DRIVE
STA 298+28 TO STA 299+88



EXISTING QUARRY ROAD
STA 44+94 TO STA 71+43

TYPICAL SECTION LEGEND

- 1 EXISTING HOT-MIX ASPHALT 4", WITH 10" AGGREGATE BASE
- 2 EXISTING PORTLAND CEMENT CONCRETE PAVEMENT, 6"
- 3 EXISTING HOT-MIX ASPHALT PAVEMENT, 3" ON 10" AGGREGATE BASE
- 4 EXISTING AGGREGATE SHOULDER, 6"
- 5 EXISTING INTEGRAL ROLLED CONCRETE CURB & GUTTER
- 6 EXISTING LANDSCAPE MEDIAN

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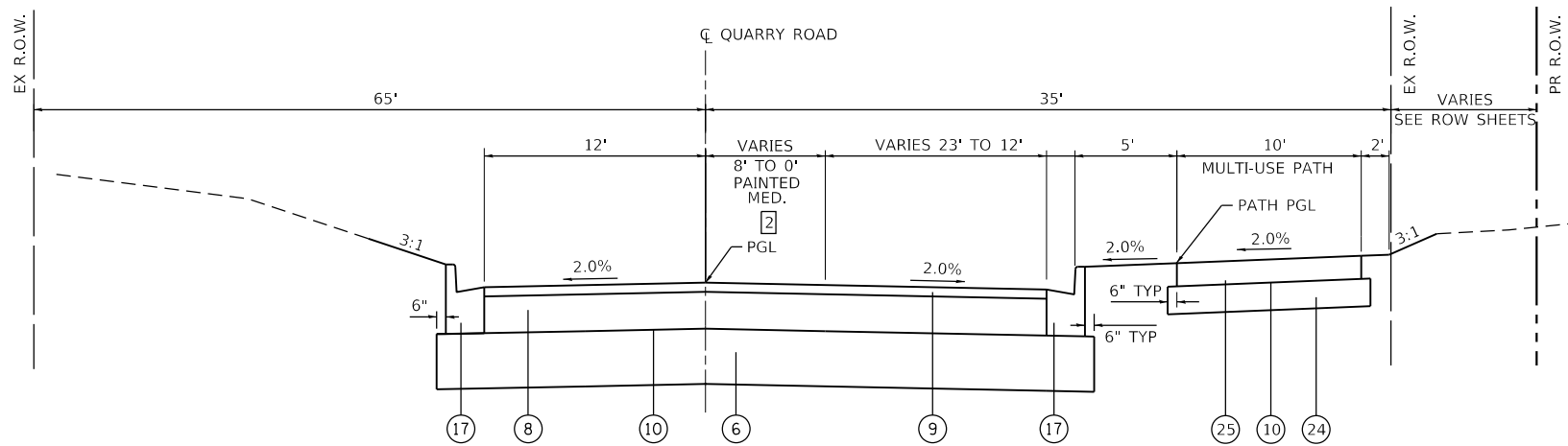
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

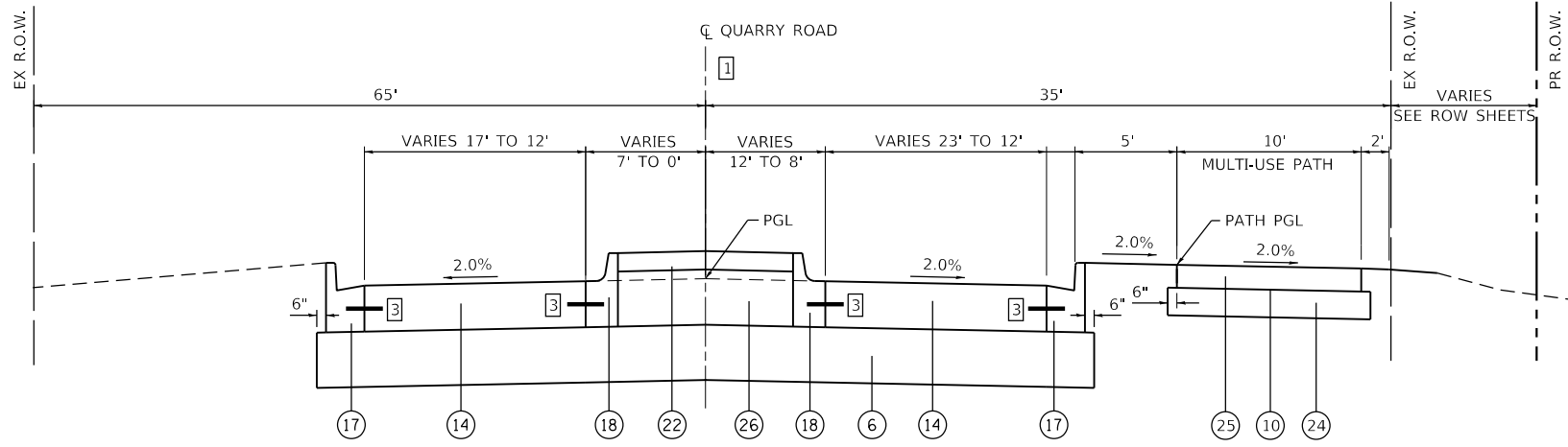
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SCALE: NTS SHEET 1 OF 5 SHEETS STA. TO STA.

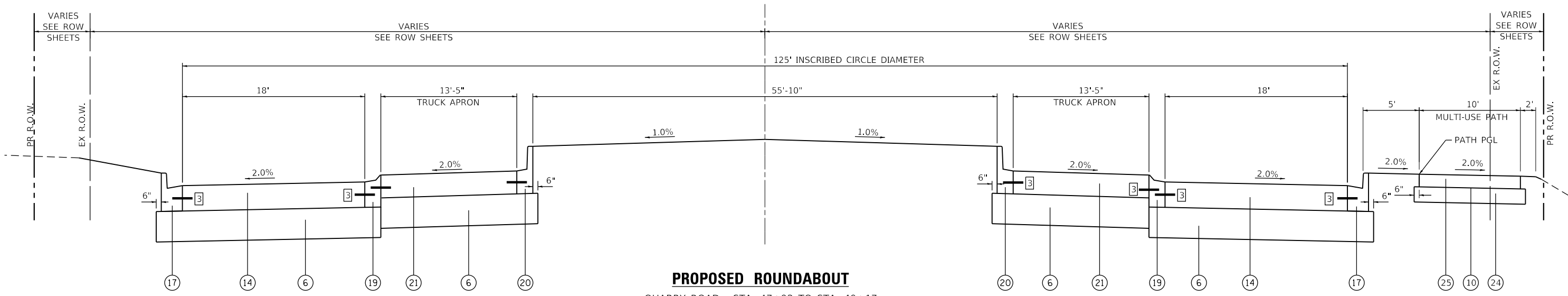
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9311	18-00054-01-PV/ 19-0054-02-R5	MONROE	60	7
QUARRY ROAD PHASE II			CONTRACT NO. 97767	
ILLINOIS FED. AID PROJECT				



PROPOSED QUARRY ROAD
STA. 49+70 TO STA. 51+67



PROPOSED QUARRY ROAD
STA. 49+17 TO STA. 49+70



PROPOSED ROUNDABOUT

QUARRY ROAD - STA. 47+92 TO STA. 49+17
PALMER CREEK/FR. CARL SCHERRER DR. - STA. 299+38 TO STA. 300+62

TYPICAL SECTION LEGEND

- 1 EXISTING HOT-MIX ASPHALT 4", WITH 10" AGGREGATE BASE
- 2 EXISTING PORTLAND CEMENT CONCRETE PAVEMENT, 6"
- 3 EXISTING HOT-MIX ASPHALT PAVEMENT, 3" ON 10" AGGREGATE BASE
- 4 PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- 5 PROPOSED AGGREGATE BASE COURSE, TYPE B, 4"
- 6 PROPOSED AGGREGATE BASE COURSE, TYPE A, 12"
- 7 PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N70, (2.25" MIN)
- 8 PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N70, 7.5"
- 9 PROPOSED HOT-MIX ASPHALT SURFACE COURSE, IL 9.5, MIX "C", N70, 1.5"
- 10 PROPOSED BITUMINOUS MATERIALS PRIME COAT
- 11 PROPOSED BITUMINOUS MATERIALS TACK COAT
- 12 PROPOSED HOT-MIX ASPHALT SHOULDERS, 8"
- 13 PROPOSED AGGREGATE SHOULDERS TYPE A, 6"
- 14 PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT, 8" (JOINTED)
- 15 PROPOSED PORTLAND CEMENT CONCRETE BASE COURSE WIDENING, 7"
- 16 PROPOSED STRIP REFLECTIVE CRACK CONTROL
- 17 PROPOSED CONCRETE CURB & GUTTER, TYPE B-6.24
- 18 PROPOSED CONCRETE CURB & GUTTER, TYPE B-6.12, VWGF
- 19 PROPOSED CONCRETE CURB & GUTTER, TYPE M-2.12
- 20 PROPOSED CONCRETE CURB & GUTTER, TYPE B-9.12
- 21 PROPOSED STAMPED & COLORED PORTLAND CEMENT CONCRETE PAVEMENT, 10" (JOINTED)
- 22 PROPOSED CONCRETE MEDIAN SURFACE, 4"
- 23 PROPOSED EARTH MEDIAN
- 24 PROPOSED AGGREGATE BASE COURSE, TYPE A, 6"
- 25 PROPOSED HOT-MIX ASPHALT SURFACE COURSE, IL 9.5L, MIX "C", N30, 2"
- 26 PROPOSED AGGREGATE BASE COURSE, TYPE B, 10"

TYPICAL SECTION NOTES

- 1 SEE ROUNDABOUT DETAILS FOR LANE & MEDIAN WIDTH TRANSITIONS
- 2 PAINTED MEDIAN BEGINS AT STA 49+70 AND TRANSITIONS FROM 8.5' TO 0' AT STA. 51+67
- 3 TIE BARS INSTALLED PER HIGHWAY STANDARD BLR28

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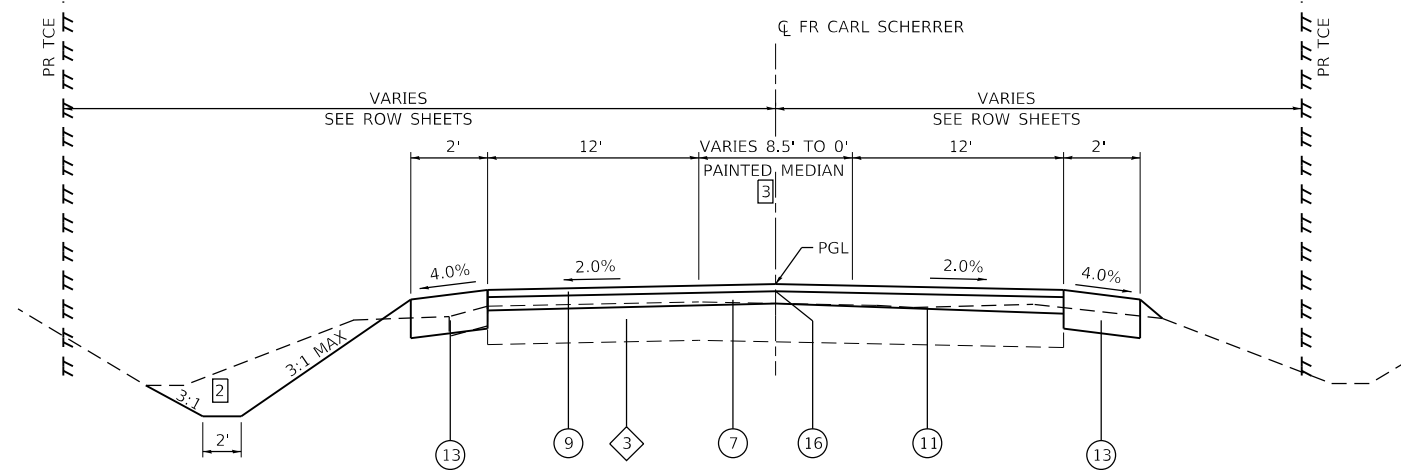


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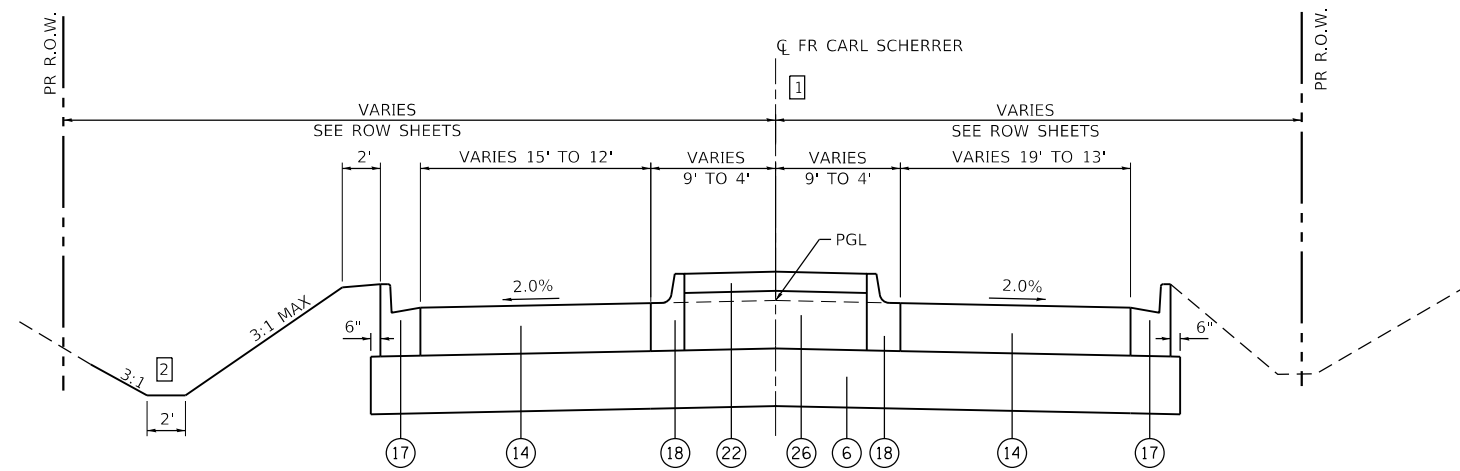
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS	
SCALE: NTS	SHEET 3 OF 5 SHEETS
STA.	TO STA.

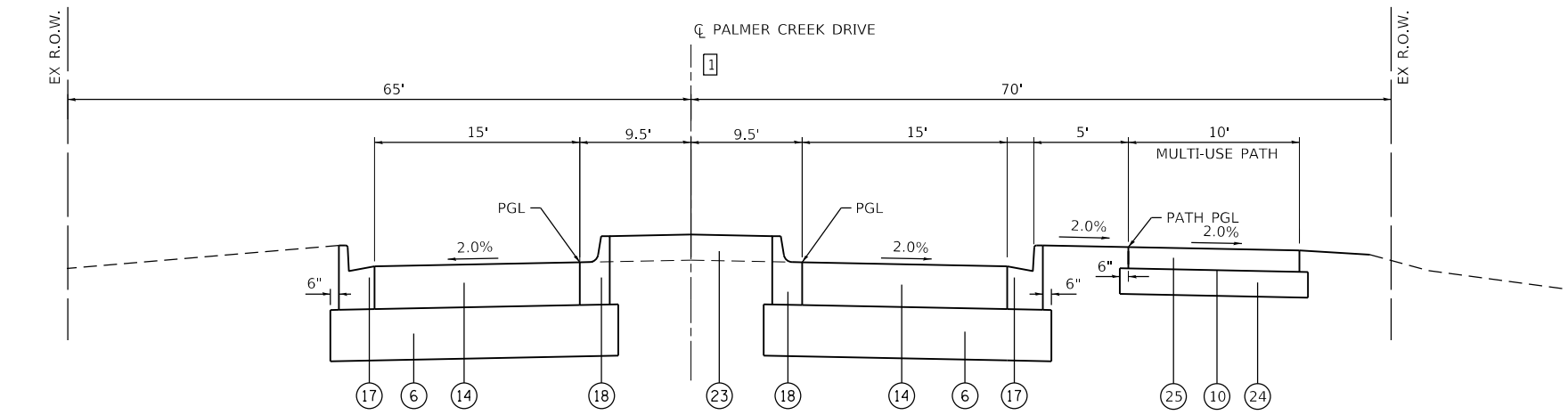
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9311	18-00054-01-PV/ 19-00054-02-R5	MONROE	60	9
QUARRY ROAD PHASE II			CONTRACT NO. 97767	
ILLINOIS FED. AID PROJECT				



PROPOSED FR. CARL SCHERRER DRIVE
STA 301+16 TO STA 302+58



PROPOSED FR CARL SCHERRER DRIVE
STA. 300+62 TO STA. 301+16



PROPOSED PALMER CREEK DRIVE
STA. 298+28 TO STA. 299+38

TYPICAL SECTION LEGEND

- 1 EXISTING HOT-MIX ASPHALT 4", WITH 10" AGGREGATE BASE
- 2 EXISTING PORTLAND CEMENT CONCRETE PAVEMENT, 6"
- 3 EXISTING HOT-MIX ASPHALT PAVEMENT, 3" ON 10" AGGREGATE BASE
- 4 PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- 5 PROPOSED AGGREGATE BASE COURSE, TYPE B, 4"
- 6 PROPOSED AGGREGATE BASE COURSE, TYPE A, 12"
- 7 PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N70, (2.25" MIN)
- 8 PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N70, 7.5"
- 9 PROPOSED HOT-MIX ASPHALT SURFACE COURSE, IL 9.5, MIX "C", N70, 1.5"
- 10 PROPOSED BITUMINOUS MATERIALS PRIME COAT
- 11 PROPOSED BITUMINOUS MATERIALS TACK COAT
- 12 PROPOSED HOT-MIX ASPHALT SHOULDERS, 8"
- 13 PROPOSED AGGREGATE SHOULDERS TYPE A, 6"
- 14 PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT, 8" (JOINTED)
- 15 PROPOSED PORTLAND CEMENT CONCRETE BASE COURSE WIDENING, 7"
- 16 PROPOSED STRIP REFLECTIVE CRACK CONTROL
- 17 PROPOSED CONCRETE CURB & GUTTER, TYPE B-6.24
- 18 PROPOSED CONCRETE CURB & GUTTER, TYPE B-6.12, VWGF
- 19 PROPOSED CONCRETE CURB & GUTTER, TYPE M-2.12
- 20 PROPOSED CONCRETE CURB & GUTTER, TYPE B-9.12
- 21 PROPOSED STAMPED & COLORED PORTLAND CEMENT CONCRETE PAVEMENT, 10" (JOINTED)
- 22 PROPOSED CONCRETE MEDIAN SURFACE, 4"
- 23 PROPOSED EARTH MEDIAN
- 24 PROPOSED AGGREGATE BASE COURSE, TYPE A, 6"
- 25 PROPOSED HOT-MIX ASPHALT SURFACE COURSE, IL 9.5L, MIX "C", N30, 2"
- 26 PROPOSED AGGREGATE BASE COURSE, TYPE B, 10"

TYPICAL SECTION NOTES

- 1 SEE ROUNDABOUT DETAILS FOR LANE & MEDIAN WIDTH TRANSITIONS
- 2 SEE PROFILE & CROSS SECTIONS FOR DITCH SLOPE & ELEVATIONS
- 3 PAINTED MEDIAN BEGINS AT STA 301+16 AND TRANSITIONS FROM 8.5' TO 0' AT STA. 302+58

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PLOT DATE = 11/18/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE: NTS	SHEET 5 OF 5 SHEETS	STA. TO STA.
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TYPICAL SECTIONS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9311	18-00054-01-PV/ 19-00054-02-R5	MONROE	60	11
QUARRY ROAD PHASE II			CONTRACT NO. 97767	
ILLINOIS FED. AID PROJECT				

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)	FURNISHED EXCAVATION (CU YD)
44+94	47+50	74	59	493	-433	433
47+50	49+20	639	511	478	33	
49+20	71+20	2,710	2,168	2,888	-721	687
298+28	299+38	75	60	52	8	
300+63	302+50	106	84	113	-28	20
TOTAL		3,605	2,885	4,025	-1,145	1,145

EARTHWORK NOTES:

- ESTIMATED SHRINKAGE FACTOR = 20%.
- APPROXIMATE EMBANKMENT QUANTITY IS SHOWN FOR INFORMATION ONLY.
- APPROXIMATE EARTHWORK BALANCE IS SHOWN FOR INFORMATION ONLY.

STORM SEWER

STATION	STATION	OFFSET	TRENCH BACKFILL (CU YD)	STONE RIPRAP CL A4 (SQ YD)	FILTER FABRIC (SQ YD)	PRC FLAR END SEC 12 (EACH)	PRC FLAR END SEC 24 (EACH)	SS RG CL A 1 12 (FOOT)	SS RG CL A 2 12 (FOOT)	SS RG CL A 2 24 (FOOT)	MAN TA 4 DIA T1F CL (EACH)	MAN TA 4 DIA T3F&G (EACH)	INLETS TA T3F&G (EACH)	INLETS TB T3F&G (EACH)	PIPE CULVERT REM (FOOT)
45+07	45+47	RT	49	14	14	1			81						
45+47	47+35	RT	119						188					1	
47+35	47+98	RT	22						68					1	
47+98	49+06	RT	30						108					1	
49+06	49+93	RT	20					91						1	
49+93	51+50	RT	29					150						1	
51+50	53+00	RT	26					150					1	1	
48+20	48+30	LT	1	29	29	1		18							
48+30	48+29	LT	1					10					1		
48+30	48+75	LT	8					49				1			
48+75	48+77	LT	1					10					1		
48+77	49+05	LT	9					49				1			
49+05	49+94	LT	18					92					1	1	
53+84	54+11	RT	18	26	26		1			33					
54+11	54+28	LT	14	14	14		1			48	1				
54+11	54+80	RT	16					69						1	
54+41		LT	44												49
54+80	56+50	RT	37					171						1	
56+50	58+00	RT	35					150						1	
58+00	59+50	RT	35					150						1	
59+50	60+75	RT	30					125						1	
60+75	62+50	RT	41					175							
62+50	64+00	RT	29					150					1	1	
66+00	66+45	RT	11						48						
67+30	67+07	RT	9						28				1		
													1		
TOTAL			652	83	83	2	2	1,609	521	81	1	2	7	13	49

SEEDING

STATION	STATION	OFFSET	SEEDING CL 2A (SPL) (ACRE)	NITROGEN FERT NUTR (POUND)	PHOSPHORUS FERT NUTR (POUND)	POTASSIUM FERT NUTR (POUND)	MULCH METHOD 2 (ACRE)	TEMP EROS SEEDING (NOTE 1) (POUND)
44+94	51+64	RT	0.25	23	23	23	0.25	50
44+94	51+64	LT	0.25	23	23	23	0.25	50
51+64	66+75	RT	0.50	45	45	45	0.50	100
51+64	71+20	LT	0.25	23	23	23	0.25	50
66+75	71+20	RT	0.25	23	23	23	0.25	50
TOTAL			1.5	135	135	135	1.5	300

SEEDING NOTES:

- 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.

EROSION CONTROL

STATION	STATION	OFFSET	EROSION CONTR BLANKET (SQ YD)	TEMPORARY DITCH CHECK (FOOT)	PERIMETER EROS BAR (FOOT)	INLET & PIPE PROTECTION (EACH)
44+94	48+22	RT			348	3
44+94	48+08	LT			359	
48+28	50+00	LT				6
48+50	49+88	LT			303	
48+55	50+31	RT			141	2
51+50	54+46	RT			192	2
53+07	53+66	LT			72	
54+70	66+56	RT			1194	9
55+41	57+01	LT			161	1
63+50	71+23	LT			782	
67+00	71+36	RT			431	2
301+30	301+93	LT	323	10		
TOTAL			323	10	3,983	25

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCHEDULES

SCALE: N/A SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9311	18-00054-01-PV/ 19-00054-02-R5	MONROE	60	12
CONTRACT NO. 97767			ILLINOIS FED. AID PROJECT	

PAVEMENT

STATION	STATION	OFFSET	AGG BASE CSE B 4 (SQ YD)	AGG BASE CSE A 12 (SQ YD)	PCC BASE CSE W 7 (SQ YD)	BIT MATLS PRIME CT (NOTE 5) (POUND)	BIT MATLS TACK CT (POUND)	HMA BC IL-19.0 N70 (TON)	TEMPORARY RAMP (SQ YD)	HMA SC IL-9.5 C N70 (NOTE 1) (TON)	INCIDENTAL HMA SURF (NOTE 3) (TON)	BIT MATLS TACK CT (NOTE 3) (POUND)	PCC PVT 8 JOINTED (SQ YD)	PAVEMENT REM (NOTE 2) (SQ YD)	STRIP REF CR CON TR (FOOT)	AGGREGATE SHLDS A 6 (SQ YD)	HMA SHOULDER 8 (SQ YD)	STAMPED CLRDPCCPVT 10 J (SQ YD)	HMA SURF REM VAR DP (NOTE 4) (SQ YD)
44+94	47+40	RT/LT	84				498	149	38	63					244				529
44+94	47+47	LT														113	56		
45+86	47+40	LT	78		68										153				
47+39	49+70	RT/LT		1,980					19				1,141	1,518				379	
49+70	53+00	RT/LT		1,181		2,174	435	406	19	82					330				
53+00	65+00	RT/LT	465				2,160	842		269					1,200		73		289
53+00	55+10	LT	20		20										195				
54+28	71+20	LT														755	376		
56+10	63+31	LT	105		105										639				
63+41	65+48	RT	37		12										192				
65+00	71+20	RT/LT					1,116	380	19	139					620				453
65+72	67+72	LT	25		25										195				
66+32	67+19	RT	179										171	183					
68+07	69+21	RT	147		6										93				
69+40	71+20	LT	16		16										174				
71+20	71+40	CL									16	31							68
298+28	299+38	RT/LT		490									416	666					
300+63	301+15	RT/LT		278					19				212	439					
301+15	302+58	RT/LT					297		19	37						66			
RUECK ROAD INTERSECTION																			
											52	275							611
TOTAL			1,156	3,929	252	2,174	4,506	1,777	133	590	68	306	1,940	2,806	4,035	934	505	379	1,950

PAVEMENT NOTES:

- APPLICATION RATES USED FOR QUANTITY ESTIMATES ARE AS FOLLOWS:
BITUMINOUS MATERIALS PRIME COAT (AGG BASE) : 0.25 LBS/SF
BITUMINOUS MATERIALS TACK COAT (MILLED OR EXISTING PAVEMENT) : 0.05 LBS/SF
BITUMINOUS MATERIALS TACK COAT (HMA LIFT) : 0.025 LBS/SF
HOT-MIX ASPHALT: 112 LBS /SY/ INCH THICKNESS
- MONOLITHIC CURB TO BE INCLUDED IN UNIT COST OF PAVEMENT REMOVAL
- NOT A TOTAL QUANTITY, SEE ENTRANCE SCHEDULE.
- DEPTH OF REMOVAL AT RUECK RD SHALL BE 1.5".
- NOT A TOTAL QUANTITY, SEE MULTI-USE PATH SCHEDULE.

SIDEWALK AND MULTI-USE PATH

STATION	STATION	OFFSET	AGG BASE CSE A 6 (SQ YD)	BIT MATLS PRIME CT (NOTE 4) (POUND)	HMA SC IL-9.5L C N30 (NOTE 2 & 3) (TON)	SIDEWALK REMOVAL (SQ FT)	PC CONC SIDEWALK 4 (NOTE 1) (SQ FT)	PC CONC SIDEWALK 7 (NOTE 1) (SQ FT)	DETECTABLE WARNINGS (NOTE 1) (SQ FT)	REM LT U SALV (EACH)	RELOC EX LT UNIT (EACH)
44+94	48+12	RT	431	845	43						
48+12	49+00	RT	19			670	120	449	80		
49+00	66+45	RT	2,119	4,271	213						
66+45	67+08	RT				123	240	40			
67+08	71+20	RT	477	938	47	1736	86				
66+51		RT									1
299+48										1	
TOTAL			3,046	6,054	303	2,406	329	689	120	1	1

SIDEWALK NOTES:

- SIDEWALK RAMPS ACCESSIBLE TO THE DISABLED ARE REQUIRED. SEE PLAN SHEETS FOR LOCATIONS AND TYPES. SEE CONSTRUCTION DETAILS SHEET AND HIGHWAY STANDARD 424001, 424026, AND 424031 FOR CURB RAMP DETAILS.
- APPLICATION RATES USED FOR QUANTITY ESTIMATES ARE AS FOLLOWS:
HOT-MIX ASPHALT: 112 LBS/SQ YD/INCH THICKNES
- THE PROPOSED SURFACE COURSE SHALL BE 2 IN. THICK.
- NOT A TOTAL QUANTITY, SEE PAVEMENT SCHEDULE.

CURB & GUTTER

STATION	STATION	OFFSET	AGG BASE CSE B 10 (SQ YD)	CONC CURB TB (FOOT)	COMB CC&G TB6.12 VWGF (FOOT)	COMB CC&G TB6.24 (NOTE 1) (FOOT)	COMB CC&G TB9.12 (FOOT)	COMB CC&G TM2.12 (FOOT)	CONC MEDIAN SURF 4 (SQ FT)
44+94	47+97	RT				456			
47+40	47+92	CL	37		118				333
47+47	48+34	LT				141			
48+29	48+98	CL					167	274	
48+69	52+64	LT				444			
48+89	71+43	RT				2373			
49+17	49+70	CL	38		114				343
66+22	67+30	RT		122					
298+28	299+38		33		235				294
300+63	301+15		40		121				362
TOTAL			148	122	588	3,414	167	274	1,332

CURB & GUTTER NOTES:

- AGG SUBBASE UNDER CURB SHOWN IN PAVEMENT SCHEDULE

MODEL: Default
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DATE -
PLOT DATE = 11/18/2021

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES

SCALE: N/A SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9311	18-00054-01-PV/ 19-00054-02-R5	MONROE	60	13
CONTRACT NO. 97767			ILLINOIS FED. AID PROJECT	

PAVEMENT MARKING

STATION	STATION	OFFSET	DESCRIPTION	COLOR	SHORT TERM PAVT MKNG (NOTE 1) (FOOT)	SHRT TRM PAVT MK REM (NOTE 1) (SQ FT)	TEMP PVT MK L&S PNT (NOTE 3) (FOOT)	TEMP PVT MK L 4 PNT (NOTE 3) (FOOT)	TEMP PVT MK L 12 PNT (NOTE 3) (FOOT)	TEMP PVT MK L 24 PNT (NOTE 3) (FOOT)	THPL PVT MK LINE 4 (FOOT)	THPL PVT MK LINE 12 (FOOT)	PAINT PVT MK LTRS & SYMB (SQ FT)	PAINT PVT MK LINE 4 (FOOT)	PAINT PVT MK LINE 12 (FOOT)	PAINT PVT MK LINE 24 (FOOT)	CURB REFLECTORS (NOTE 2) (EACH)	PAVMT MRKG REM WTR BL (NOTE 3) (SQ FT)	PAINT CURB (FOOT)		
44+94	45+42	CL	10'-30' SKIP DASH	YELLOW	15	2		20			20							7			
45+42	47+40	CL	DOUBLE YELLOW TAPER	YELLOW	120	14		788	38		788	38						301			
44+94	47+40	RT/LT	EDGE LINE	WHITE				490			490							164			
47+40	47+92	CL	SPLITTER ISLAND					150						150			8	50	118		
47+40	47+92	RT/LT	EDGE LINE	WHITE				188						188				63			
47+84	47+97	RT	APPROACH	WHITE			18.0		20				18.0		20			38			
48+10	48+99	CL	CENTRAL ISLAND	YELLOW				280						280				94			
49+10	49+28	LT	APPROACH	WHITE			18.0		20				18.0		20			38			
49+10	49+70	RT/LT	EDGE LINE	WHITE				160						160				54			
49+17	49+70	CL	SPLITTER ISLAND					150						150			8	50	114		
49+70	51+67	CL	DOUBLE YELLOW TAPER	YELLOW	120	14		788	38		788	38						301			
49+70	71+20	RT/LT	EDGE LINE	WHITE				4215			4215							1404			
51+67	71+20	CL	10'-30' SKIP DASH	YELLOW	588	66		490			490							164			
66+75		RT	CROSSWALK	WHITE						100						100		200			
PALMER CREEK DRIVE / FATHER CARL SCHERRER DRIVE																					
298+28	299+38	CL	SPLITTER ISLAND					246						246			10	82	235		
298+28	299+38	RT/LT	EDGE LINE	WHITE				238						238				80			
299+08	299+18	RT/LT	CROSSWALK	WHITE					80							80		160			
299+30	299+43	RT	APPROACH	WHITE			15.0		16				15.0		16			31			
300+57	300+71	LT	APPROACH	WHITE			15.0		16				15.0		16			31			
300+63	301+15	CL	SPLITTER ISLAND					140						140			8	47	121		
300+63	301+15	RT/LT	EDGE LINE	WHITE				145						145				49			
301+15	302+58	CL	DOUBLE YELLOW TAPER	YELLOW	87	10		570	38		570	38						228			
301+15	302+58	RT/LT	EDGE LINE	WHITE				309			309							103			
TOTAL							930	106	66.0	9,367	186	180	7,670	114	66.0	1,697	72	180	34	3,739	588

PAVEMENT MARKING NOTES:

- QUANTITY REPRESENTS THREE APPLICATIONS AND REMOVAL WILL ONLY BE PAID FOR ON THE FINISH SURFACE
- SEE STANDARD DETAIL 782001 FOR DETAILS.
- TEMPORARY PAVEMENT MARKINGS SHALL BE USED AT THE ENGINEER'S DISCRETION
- SEE DETAIL G FOR CURB REFLECTOR STANDARDS
CURB REFLECTOR QUANTITY INCLUDES THE FOLLOWING TYPES

26	ONE-WAY AMBER REFLECTORS
8	ONE-WAY CRYSTAL REFLECTORS
34 TOTAL	

ENTRANCE

STATION	OFFSET	TYPE	WIDTH "W" (FT)	DEPTH "D" (FT)	AGG SURF CSE A 6 (SQ YD)	INCIDENTAL HMA SURF (NOTE 1) (NOTE 2) (TON)	BIT MATLS TACK CT (NOTE 2) (POUND)	PCC DRIVEWAY PAVT 6 (SQ YD)	DRIVE PAVEMENT REM (SQ YD)	CH LK FENCE REM & RE-E (FOOT)	WOOD FENCE REM & RE-E (FOOT)
45+18	RT	AGG	24		11			41			
52+50	RT	AGG	24		11			41			
52+91	LT	HMA	24	11	11	12	15			87	
53+93	LT	HMA	30	16	17	21	28				
54+58	RT	HMA	14		17			40	120		40
58+21.5	RT	AGG	24		11			41			
TOTAL					78	33	43	163	120	87	40

ENTRANCE NOTES:

- INCIDENTAL HMA PRIVATE ENTRANCE IS 6" THICK.
- NOT A TOTAL QUANTITY, SEE PAVEMENT SCHEDULE.

TREE REMOVAL

STATION	STATION	OFFSET	TREE REMOV 6-15 (UNIT)	TREE REMOV OVER 15 (UNIT)
48+55		RT	6	
51+84		LT		24
51+97		LT		30
TOTAL			6	54

MODEL: Default
FILE NAME: I:\18124 - Columbus Quarry 86\CADD\Microstation\PH II CADD_Sheets\0818124-1-Sht-Schedule.dgn



USER NAME = brian.heil	DESIGNED -	REVISED -
PLOT SCALE = 100.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 12/16/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES	
SCALE: N/A	SHEET 3 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9311	18-00054-01-PV/ 19-00054-02-R5	MONROE	60	14
CONTRACT NO. 97767				
ILLINOIS FED. AID PROJECT				

SIGN

STATION	OFFSET	MUTCD TYPE	DESCRIPTION	SIZE (IN X IN)	SIGN PANEL T1 (NOTE 2) (SQ FT)	TELES STL SIN SUPPORT (FOOT)	REMOV SIGN PANEL ASSY TA (EACH)	RELOC SIN PAN ASSY TA (EACH)	REMOVE SIGN SPECIAL (EACH)	SIGN PANEL T1 SPL (NOTE 2) (SQ FT)	TELES STL SIN SUPPORT SPL (FOOT)	NOTES
QUARRY ROAD												
43+80	RT	16.5	W2-6 CIRCULATORY INTERSECTION	30 X 30	6.25	18.0	1					20 MPH (REMOVE EX SPEED LIMIT SIGN)
			W13-1PL ADVISORY SPEED PLAQUE	18 X 18	2							
46+80	RT	16.5	W3-2 YIELD AHEAD	30 X 30					6.25	16.5		
47+45	LT	5	R4-7 KEEP RIGHT	24 X 30					5	15.5		
47+80	RT	28.5	R1-2 YIELD	36 X 36			2		4.5	16.0		REMOVE STREET NAME & STOP SIGN
			R5-1 DO NOT ENTER	30 X 30				6				
47+87	LT	6	D1-1 DIRECTIONAL STREET NAME	36 X 24					6	15.0		"Quarry Road"
49+23	RT	6	D1-1 DIRECTIONAL STREET NAME	36 X 24					6	15.0		"Quarry Road"
49+29	LT	28	R1-2 YIELD	36 X 36			2		4.5	16.0		REMOVE STREET NAME & STOP SIGN
			R5-1 DO NOT ENTER	30 X 30				6				
49+62	RT	5	R4-7 KEEP RIGHT	24 X 30					5	15.5		
50+28	LT	20	W3-2 YIELD AHEAD	30 X 30					6	16.5		
52+50	LT	16.5	W2-6 CIRCULATORY INTERSECTION	30 X 30	6.25	18.0						
			W13-1PL ADVISORY SPEED PLAQUE	18 X 18	2							
53+00	RT	16.5	R2-1 SPEED LIMIT	24 X 30	5	15.5						40 MPH
65+00	RT	16.5	R2-1 SPEED LIMIT	24 X 30	5	15.5	1					40 MPH (REMOVE OLD SIGN)
66+48	RT	32	D3-1 STREET NAME	9 X 24				1				
			D3-1 STREET NAME	9 X 24								
66+48	RT	46	R1-1 STOP SIGN	18 X 18	2.25	14.5						FACING BIKE TRAIL
67+02	RT	32	R1-1 STOP SIGN	30 X 30				1				
67+10	RT	31	R1-1 STOP SIGN	18 X 18	2.25	14.5						FACING BIKE TRAIL
67+99	RT	16.5	W3-1 STOP AHEAD	30 X 30	6.25	16.5	1					(REMOVE SIGN)
69+90	LT	19	R2-1 SPEED LIMIT	24 X 30	5	15.5	1					40 MPH (REMOVE OLD SIGN)
71+23	RT	16.5	R1-1 STOP SIGN	30 X 30	6.25	16.0	1					(REMOVE OLD SIGN)
			R1-3P ALL WAY	18 X 6	0.75							
PALMER CREEK DRIVE / FATHER CARL SCHERRER DRIVE												
296+28	RT	28.5	W2-6 CIRCULATORY INTERSECTION	30 X 30	6.25	18.0						20 MPH
			W13-1PL ADVISORY SPEED PLAQUE	18 X 18	2							
298+28	RT	28.5	W3-2 YIELD AHEAD	30 X 30					6.25	16.5		
299+06	RT	28.5	W11-2 PEDESTRIAN CROSSING	30 X 30					6.25	17.5		
			W16-7PL DIAGONAL ARROW PLAQUE	24 X 12			2					
299+07	LT	28.5	R1-1 STOP SIGN	18 X 18					2.25	14.5		FACING BIKE TRAIL
299+10	LT		SUBDIVISION SIGN					1				"Gedern Estates"
299+19	RT	29	R1-1 STOP SIGN	18 X 18					2.25	14.5		FACING BIKE TRAIL
299+20	LT	33	W11-2 PEDESTRIAN CROSSING	30 X 30					6.25	17.5		
			W16-7PL DIAGONAL ARROW PLAQUE	24 X 12			2					
299+28	RT	32	R1-2 YIELD	36 X 36					4.5	16.0		
			R5-1 DO NOT ENTER	30 X 30			6					
299+32	LT	5	D1-1 DIRECTIONAL STREET NAME	36 X 24					6	15.0		"Palmer Creek Drive"
300+68	RT	5	D1-1 DIRECTIONAL STREET NAME	36 X 24					6	15.0		"Fr. Carl Scherrer Drive"
300+72	LT	30	R1-2 YIELD	36 X 36					4.5	16.0		
			R5-1 DO NOT ENTER	30 X 30			6					
300+72	CL		R4-7 KEEP RIGHT	24 X 30					5	15.5		
301+72	LT	18	W3-2 YIELD AHEAD	30 X 30					6.25	16.5		
304+00	LT	18.5	W2-6 CIRCULATORY INTERSECTION	30 X 30	6.25	18.0						
			W13-1PL ADVISORY SPEED PLAQUE	18 X 18	2							
INSCRIBED CIRCLE												
48+35	13.5	RT	R6-1R ONE WAY	36 X 12	3	16						ONE WAY SIGN MOUNTED ON TOP OF CHEVRON
			R6-4 DIRECTIONAL CHEVRON	48 X 24	8							
48+42	20	LT	R6-1R ONE WAY	36 X 12	3	16						ONE WAY SIGN MOUNTED ON TOP OF CHEVRON
			R6-4 DIRECTIONAL CHEVRON	48 X 24	8							
48+67	20	RT	R6-1R ONE WAY	36 X 12	3	16						ONE WAY SIGN MOUNTED ON TOP OF CHEVRON
			R6-4 DIRECTIONAL CHEVRON	48 X 24	8							
48+74	13.5	LT	R6-1R ONE WAY	36 X 12	3	16						ONE WAY SIGN MOUNTED ON TOP OF CHEVRON
			R6-4 DIRECTIONAL CHEVRON	48 X 24	8							
TOTALS					110.0	244.0	9	2	1	128.0	300.5	

SIGN NOTES

- SEE SIGNING SHEET FOR ADDITIONAL INFORMATION
- PER HIGHWAY STANDARD 728001, SIGN SUPPORT BASES SHALL BE PLACED PRIOR TO MEDIAN SURFACE BEING POURED.

VARIABLE DEPTH MILLING

STATION	PROP CL ELEV	EXIST CL ELEV	PGL RAISE AT CL (FT)	DEPTH OF MILLING AT CL (FT)
45+00	436.23	435.79	0.44	0.00
45+50	436.50	436.03	0.47	0.00
46+00	436.44	436.17	0.27	0.04
46+50	436.29	436.25	0.04	0.27
47+00	436.14	436.06	0.08	0.23
47+40	436.02	435.82	0.20	0.11
ROUNDABOUT OMISSION				
53+50	439.77	439.36	0.41	0.00
54+00	440.22	439.59	0.63	0.00
54+50	440.67	440.12	0.55	0.00
55+00	441.15	440.76	0.39	0.00
55+50	441.87	441.50	0.37	0.00
56+00	442.87	442.44	0.43	0.00
56+50	444.13	443.72	0.41	0.00
57+00	445.43	445.09	0.34	0.00
57+50	446.59	446.21	0.38	0.00
58+00	447.55	447.03	0.52	0.00
58+50	448.31	447.83	0.48	0.00
59+00	449.01	448.43	0.58	0.00
59+50	449.71	448.97	0.74	0.00
60+00	450.41	449.74	0.67	0.00
60+50	451.11	450.55	0.56	0.00
61+00	451.81	451.30	0.51	0.00
61+50	452.51	452.03	0.48	0.00
62+00	453.21	452.69	0.52	0.00
62+50	453.91	453.39	0.52	0.00
63+00	454.59	454.25	0.34	0.00
63+50	455.11	454.97	0.14	0.17
64+00	455.41	455.06	0.35	0.00
64+50	455.61	454.91	0.70	0.00
65+00	455.81	455.10	0.71	0.00
65+50	456.10	455.60	0.50	0.00
66+00	456.71	456.28	0.43	0.00
66+50	457.68	457.29	0.39	0.00
67+00	458.91	458.58	0.33	0.00
67+50	460.15	459.78	0.37	0.00
68+00	461.38	460.81	0.57	0.00
68+50	462.22	461.60	0.62	0.00
69+00	462.56	461.99	0.57	0.00
69+50	462.41	462.04	0.37	0.00
70+00	461.76	461.67	0.09	0.22
70+50	460.61	460.67	-0.06	0.37
71+00	458.97	458.86	0.11	0.20

MILLING NOTES:

- MINIMUM HMA OVERLAY IS 3.75"

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USER NAME = brian.heil
DESIGNED -
DRAWN -
PLOT SCALE = 100.0000' / in.
CHECKED -
PLOT DATE = 10/21/2021
DATE -

REVISOR -
REVISOR -
REVISOR -
REVISOR -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

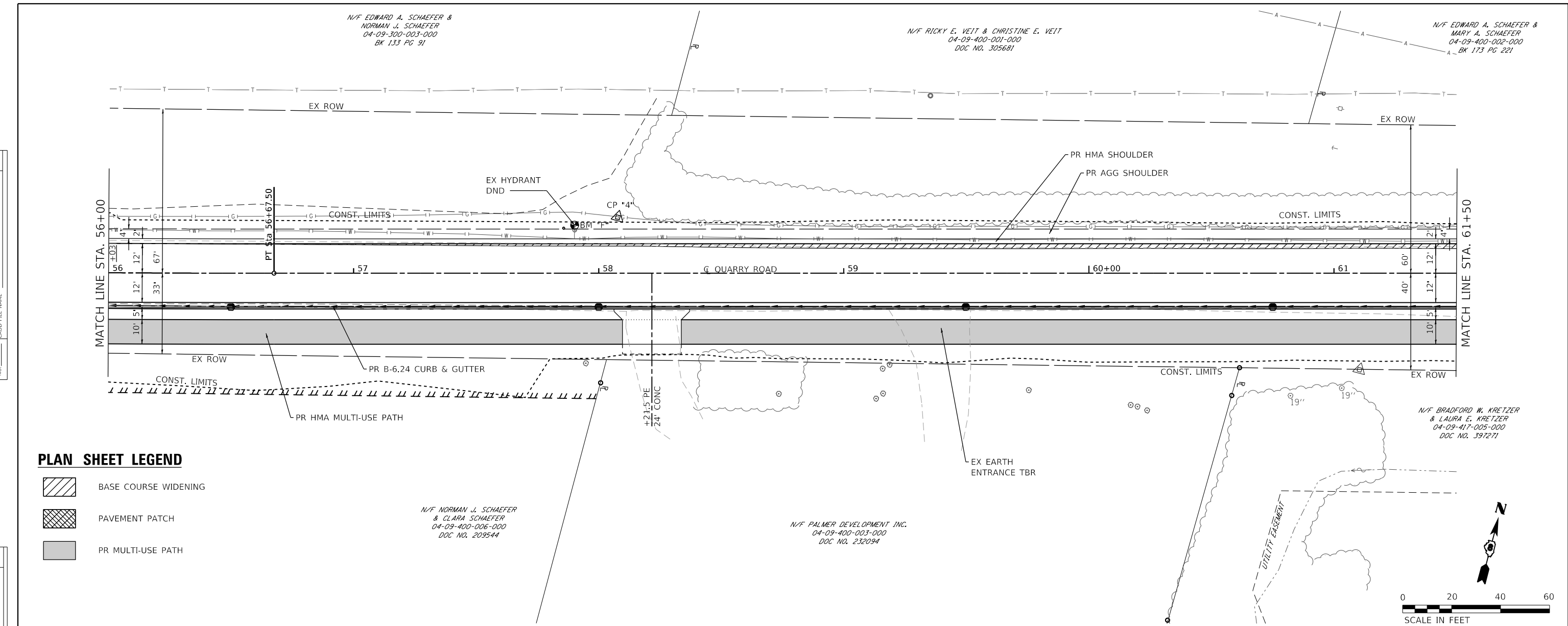
SCHEDULES

SCALE: N/A SHEET 4 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9311	18-00054-01-PV/ 19-00054-02-R5	MONROE	60	15
CONTRACT NO. 97767				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	GRADES CHECKED	
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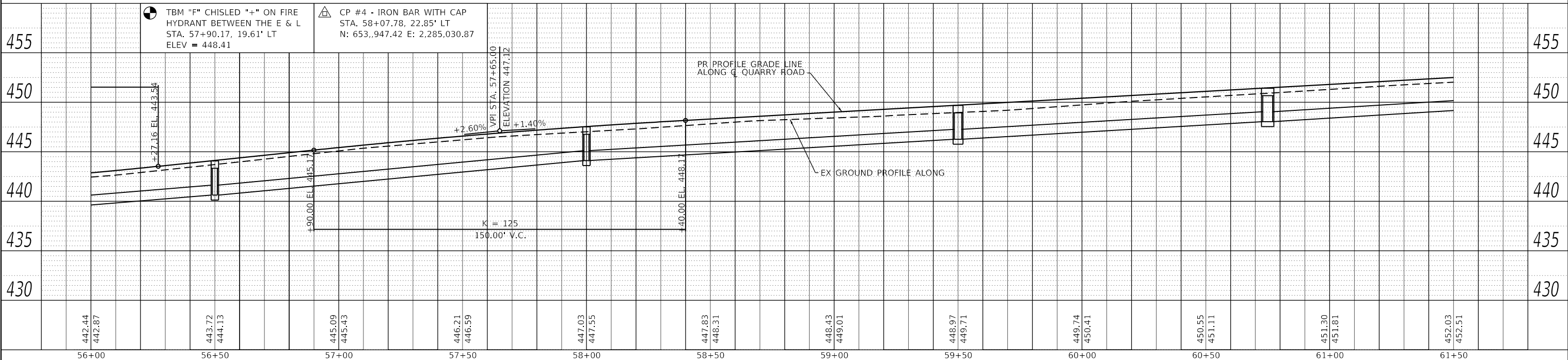
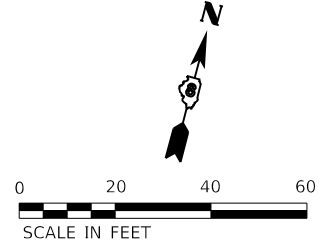
PLAN SHEET LEGEND

- BASE COURSE WIDENING
- PAVEMENT PATCH
- PR MULTI-USE PATH

N/F NORMAN J. SCHAEFER & CLARA SCHAEFER
04-09-400-006-000
DOC NO. 209544

N/F PALMER DEVELOPMENT INC.
04-09-400-003-000
DOC NO. 232094

N/F BRADFORD W. KRETZER & LAURA E. KRETZER
04-09-417-005-000
DOC NO. 397271



● TBM "F" CHISLED "+" ON FIRE HYDRANT BETWEEN THE E & L STA. 57+90.17, 19.61' LT ELEV = 448.41

▲ CP #4 - IRON BAR WITH CAP STA. 58+07.78, 22.85' LT N: 653,947.42 E: 2,285,030.87

442.44	442.87	443.72	444.13	445.09	445.43	446.21	446.59	447.03	447.55	447.83	448.31	448.43	449.01	448.97	449.71	449.74	450.41	450.55	451.11	451.30	451.81	452.03	452.51
56+00	56+50	57+00	57+50	58+00	58+50	59+00	59+50	60+00	60+50	61+00	61+50												

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ILLINOIS DESIGN FIRM LICENSE NO.: 184,001115

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PLOT SCALE = 40,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/14/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**




PLAN & PROFILE SHEETS

SCALE: 1" = 20' SHEET 4 OF 6 SHEETS STA. 56+00 TO STA. 61+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9311	18-00054-01-PV/ 19-00054-02-R5	MONROE	60	19
CONTRACT NO. 97767				

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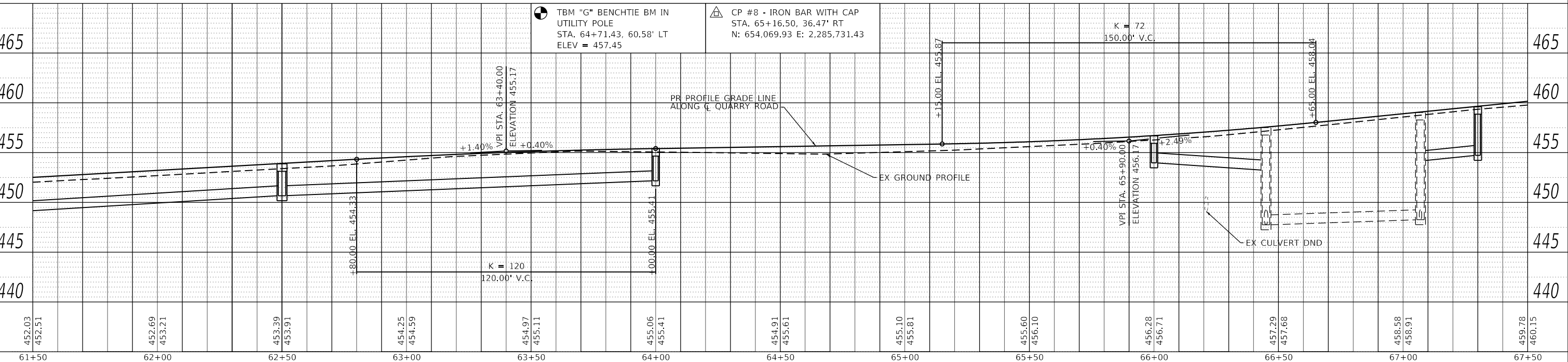
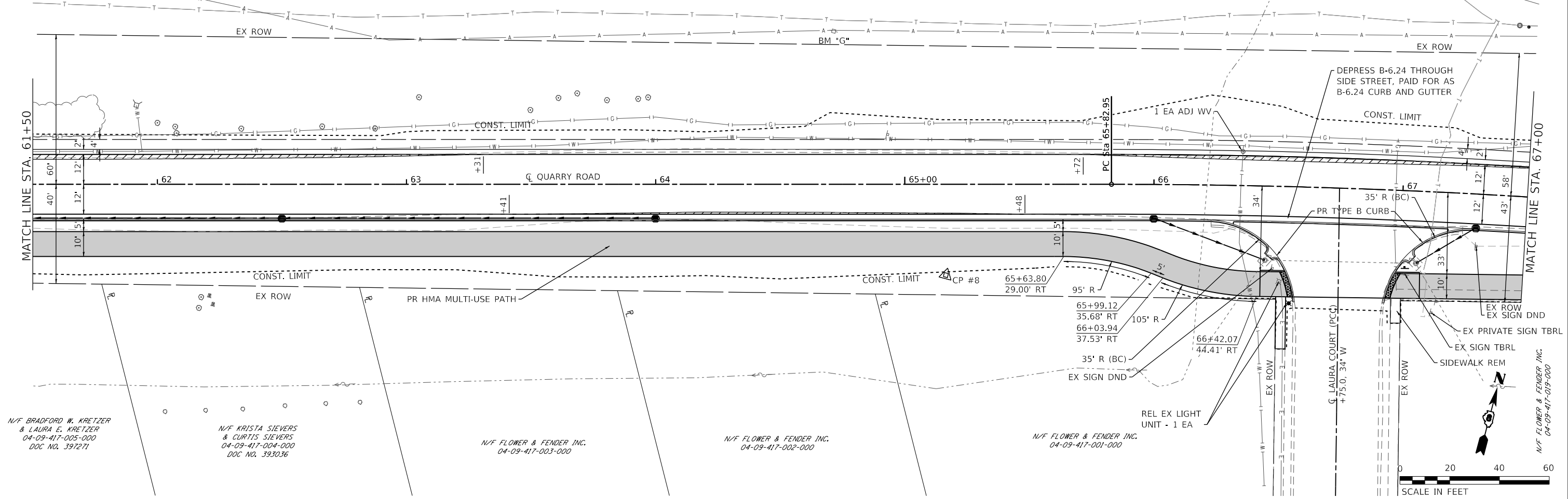
-  BASE COURSE WIDENING
-  PAVEMENT PATCH
-  PR MULTI-USE PATH

PROP. CURVE PR_QUARRY_13
 PI STA. = 68+00.88
 $\Delta = 9^\circ 03' 43''$ (RT)
 $D = 2^\circ 05' 01''$
 $R = 2,750.00'$
 $T = 217.92'$
 $L = 434.94'$
 $E = 8.62'$
 P.C. STA. = 65+82.95
 P.T. STA. = 70+17.89

N/F EDWARD A. SCHAEFER &
 MARY A. SCHAEFER
 04-09-400-002-000
 BK 173 PG 221

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	GRADES CHECKED	
	STRUCTURE NOTATION CHECKED	
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PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
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MODEL: Sheet 5 - Quarry Road
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 ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115

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DATE -	




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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN & PROFILE SHEETS
 SCALE: 1" = 20' SHEET 5 OF 6 SHEETS STA. 56+00 TO STA. 61+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9311	18-00054-01-PV/ 19-00054-02-R5	MONROE	60	20
CONTRACT NO. 97767				
ILLINOIS FED. AID PROJECT				

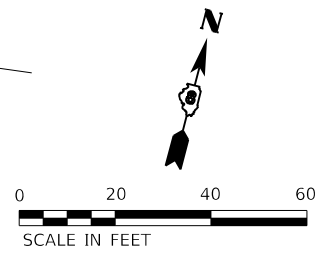
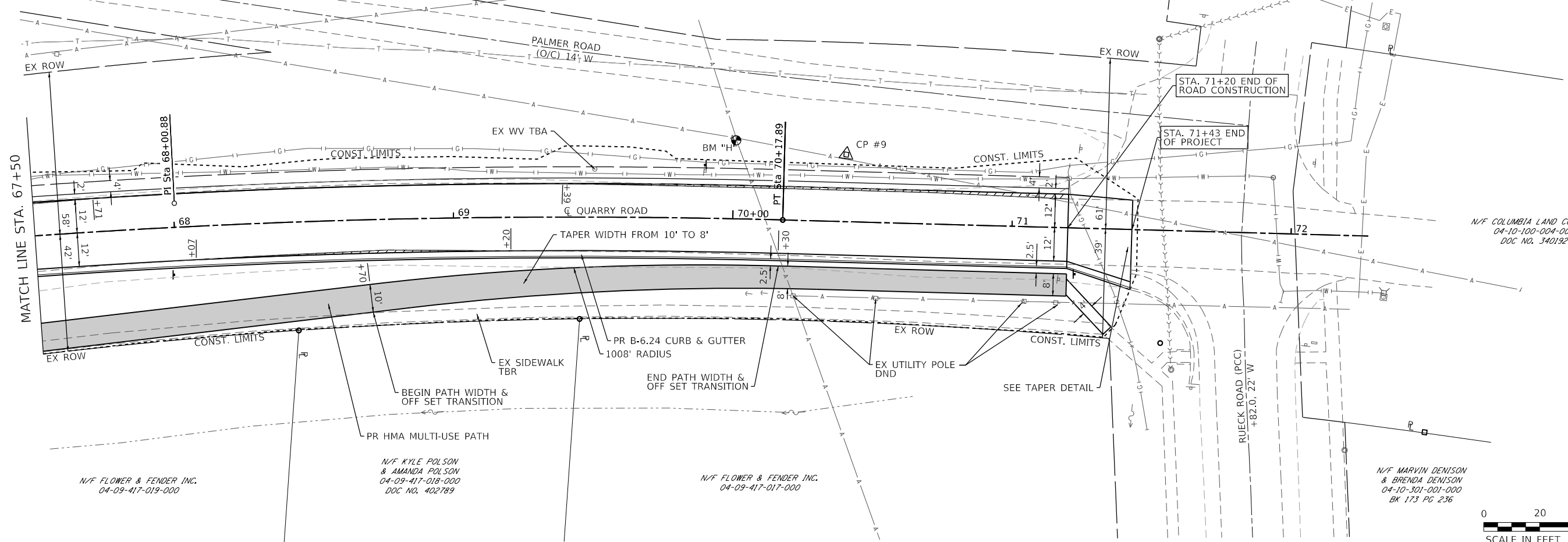
PLAN SHEET LEGEND

-  BASE COURSE WIDENING
-  PAVEMENT PATCH
-  PR MULTI-USE PATH

N/F WALNUT RIDGE DEVELOPMENT I INC.
04-09-200-002-000
DOC NO. 397038

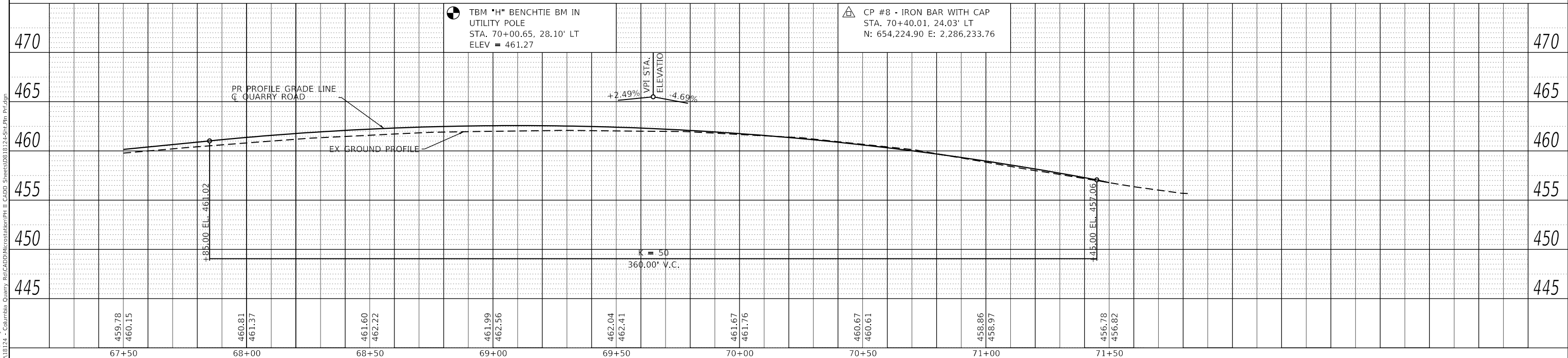
N/F BRIAR LAKE ESTATES SUBDIVISION TRUST
04-10-100-006-000
DOC NO. 295610

N/F COLUMBIA LAND CO. LLC
04-10-100-004-000
DOC NO. 340192



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

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



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




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PLOT DATE = 10/14/2021	DATE -	REVISED -

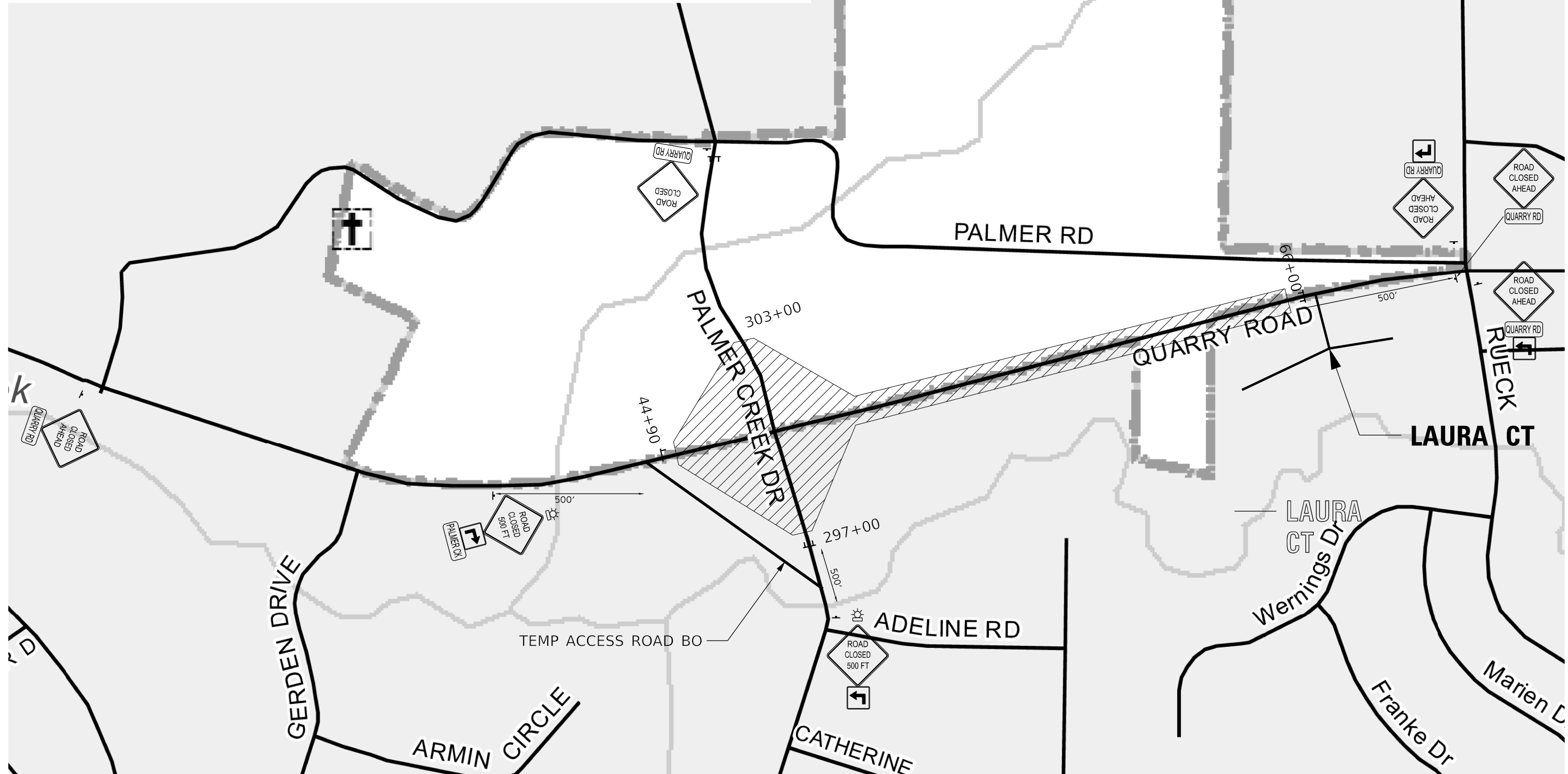
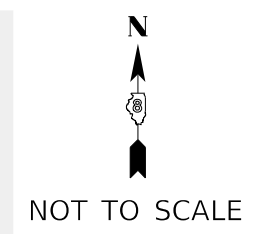
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN & PROFILE SHEETS
SCALE: 1" = 20'
SHEET 6 OF 6 SHEETS
STA. 56+00 TO STA. 61+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9311	18-00054-01-PV/ 19-00054-02-R5	MONROE	60	21
				CONTRACT NO. 97767
		ILLINOIS	FED. AID PROJECT	

TRAFFIC CONTROL PLAN LEGEND

-  W20-10 (48" x 48") (FLUORESCENT ORANGE)
-  SPECIAL (24" x 24") (FLUORESCENT ORANGE)
-  SPECIAL (24" x 24") (FLUORESCENT ORANGE)
-  TYPE III BARRICADES WITH TWO STEADY BURNING LIGHTS
-  SPECIAL
-  TRAFFIC CONTROL SIGN LOCATION
-  TYPE A LOW INTENSITY FLASHING LIGHT
-  WORK AREA
-  CHANGEABLE MESSAGE BOARD



MODEL: Default
 FILE NAME: I:\18124 - Columbus Quarry 80\CADD\Microstation\PH II CADD - Sheets\18124\18124-02.dgn
 ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115


 OATES ASSOCIATES
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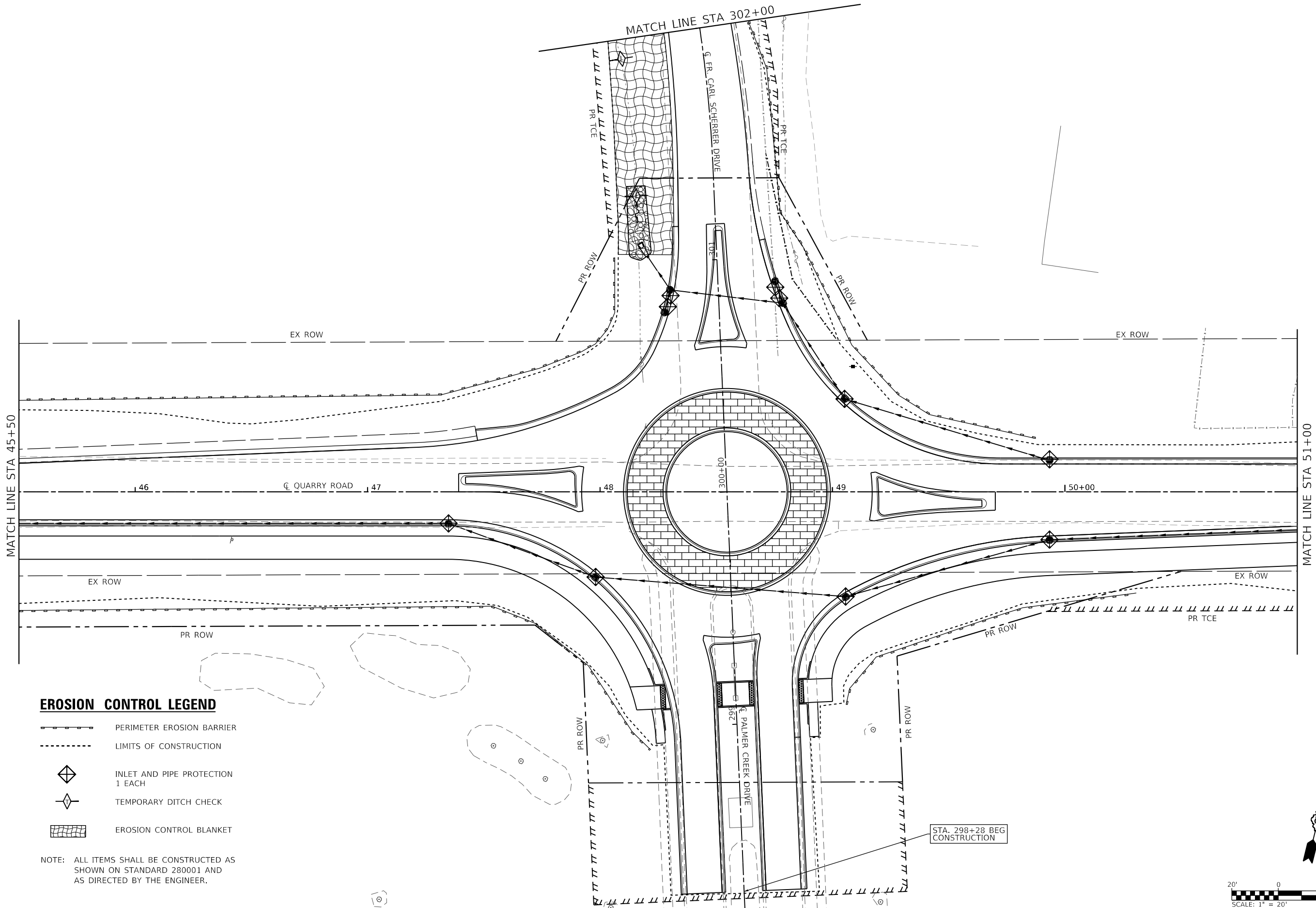
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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC DETOUR PLAN
 SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9311	18-00054-01-PV/ 19-00054-02-R5	MONROE	60	22
CONTRACT NO. 97767				
ILLINOIS FED. AID PROJECT				

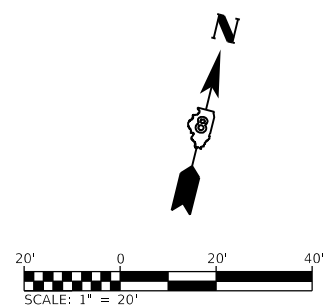
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EROSION CONTROL LEGEND

- PERIMETER EROSION BARRIER
- LIMITS OF CONSTRUCTION
- INLET AND PIPE PROTECTION 1 EACH
- TEMPORARY DITCH CHECK
- EROSION CONTROL BLANKET

NOTE: ALL ITEMS SHALL BE CONSTRUCTED AS SHOWN ON STANDARD 280001 AND AS DIRECTED BY THE ENGINEER.



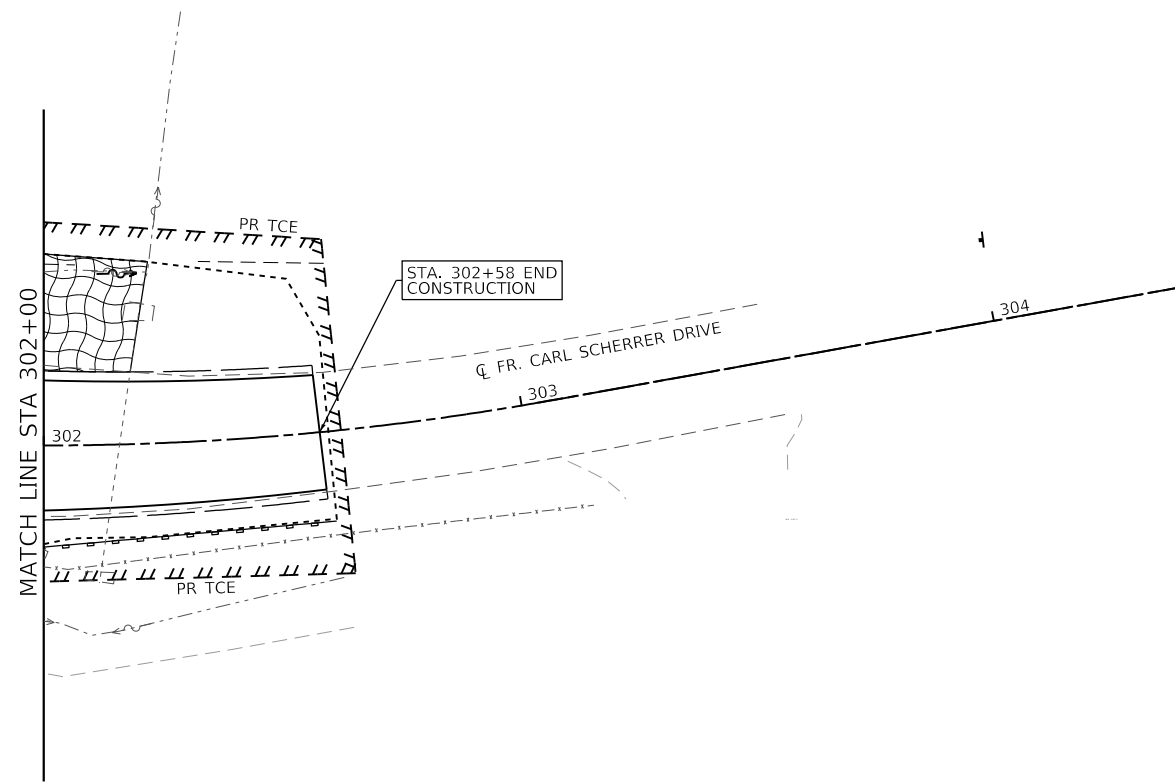
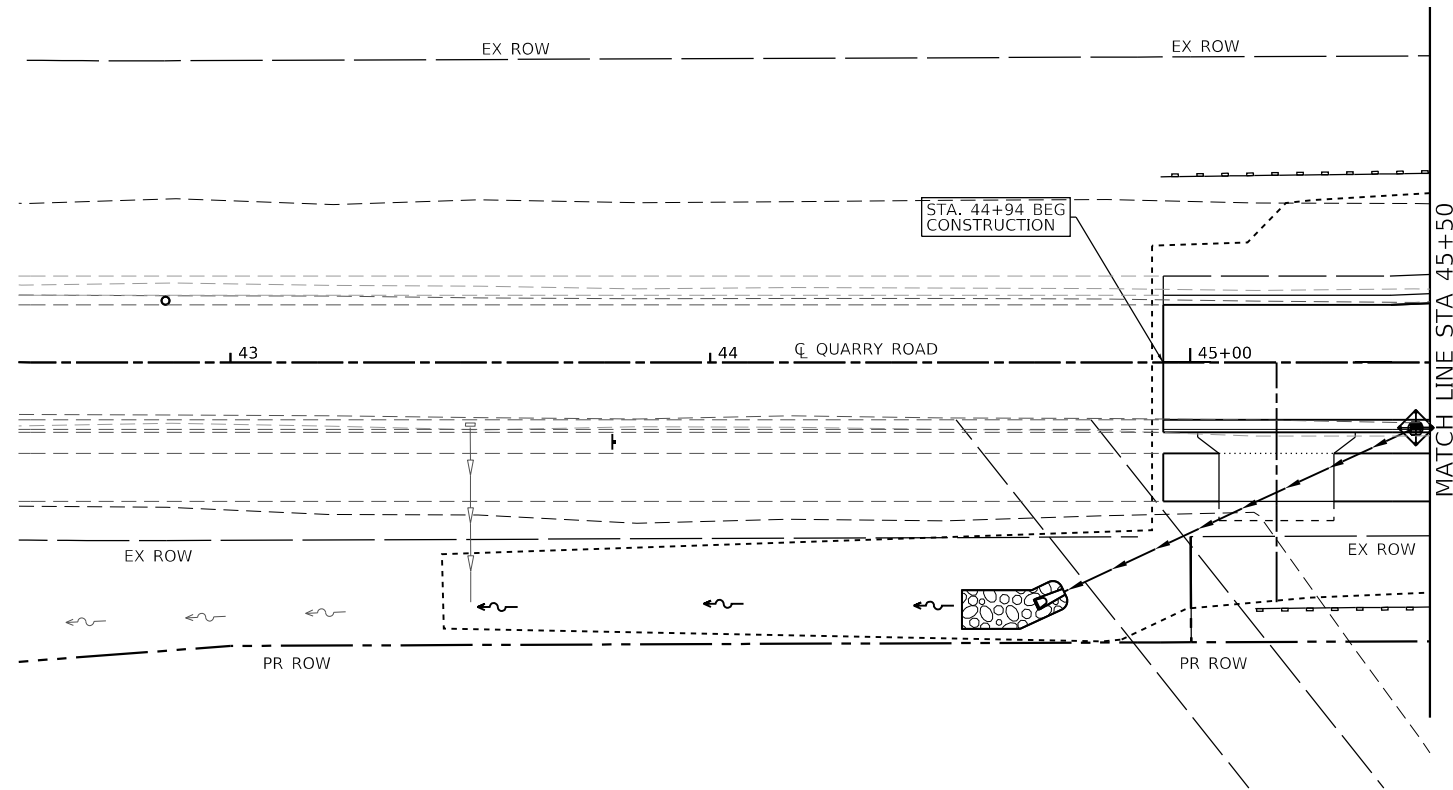
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	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL

SCALE: 1" = 20' SHEET 1 OF 4 SHEETS STA. 45+50 TO STA. 51+00

F.A.U. RTE. 9311	SECTION 18-00054-01-PV/19-00054-02-R5	COUNTY MONROE	TOTAL SHEETS 60	SHEET NO. 23
CONTRACT NO. 97767				
ILLINOIS FED. AID PROJECT				



EROSION CONTROL LEGEND

- PERIMETER EROSION BARRIER
- LIMITS OF CONSTRUCTION
- INLET AND PIPE PROTECTION
1 EACH
- TEMPORARY DITCH CHECK
- EROSION CONTROL BLANKET

NOTE: ALL ITEMS SHALL BE CONSTRUCTED AS SHOWN ON STANDARD 280001 AND AS DIRECTED BY THE ENGINEER.

MODEL: Sheet 2
FILE NAME: I:\18124 - Columbus Quarry 80\CADD\Microstation\PH II_CADD_Sheets\0818124-14-PRW-Exc-Eros_Contr.dgn



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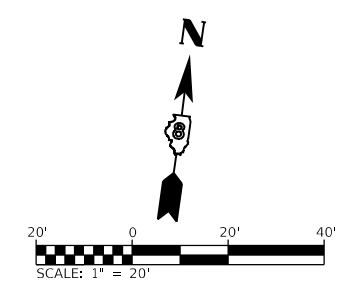
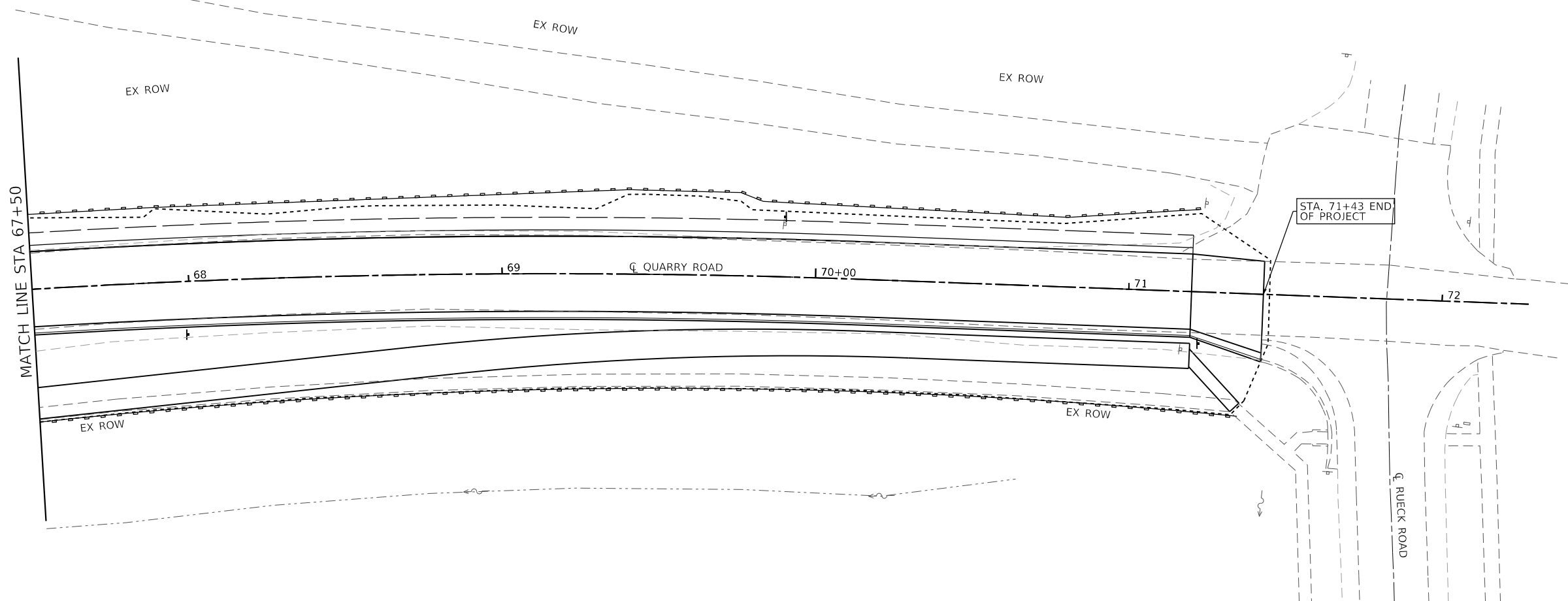
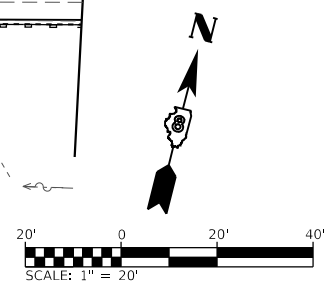
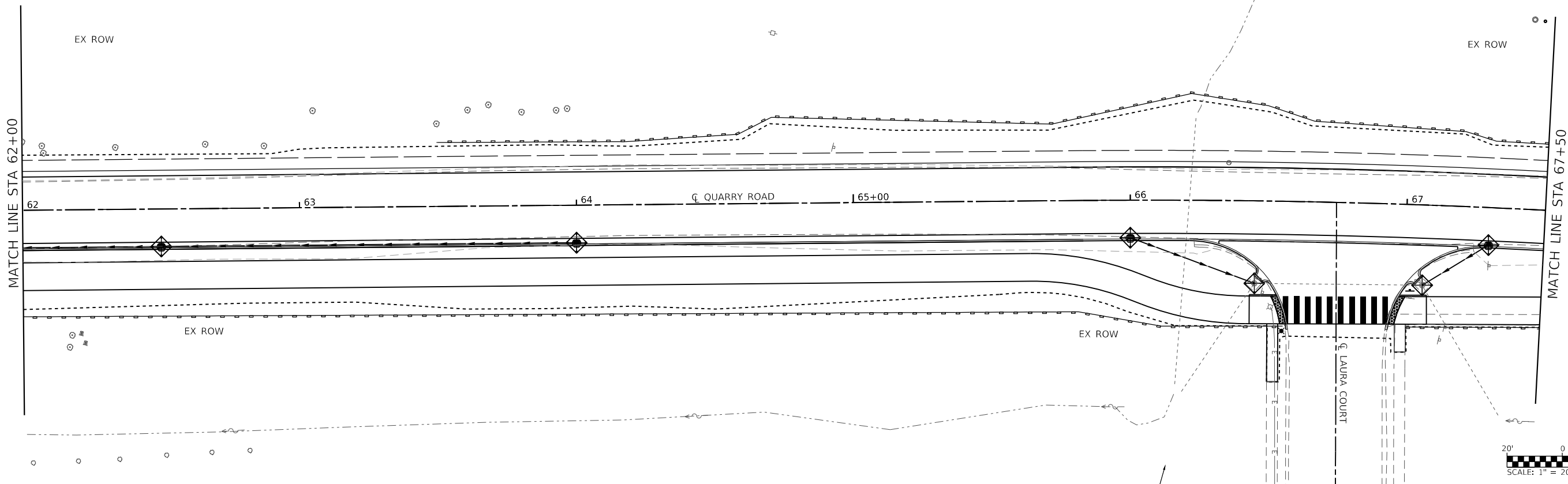
DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL

SCALE: 1"=20' SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9311	18-00054-01-PV/ 19-00054-02-R5	MONROE	60	24
CONTRACT NO. 97767				
ILLINOIS FED. AID PROJECT				



EROSION CONTROL LEGEND

- PERIMETER EROSION BARRIER
- LIMITS OF CONSTRUCTION
- INLET AND PIPE PROTECTION
1 EACH
- TEMPORARY DITCH CHECK
- EROSION CONTROL BLANKET

NOTE: ALL ITEMS SHALL BE CONSTRUCTED AS SHOWN ON STANDARD 280001 AND AS DIRECTED BY THE ENGINEER.

MODEL: Sheet 4
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USER NAME = brian.heil
PLOT SCALE = 40.0000 ' / in.
PLOT DATE = 10/14/2021

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

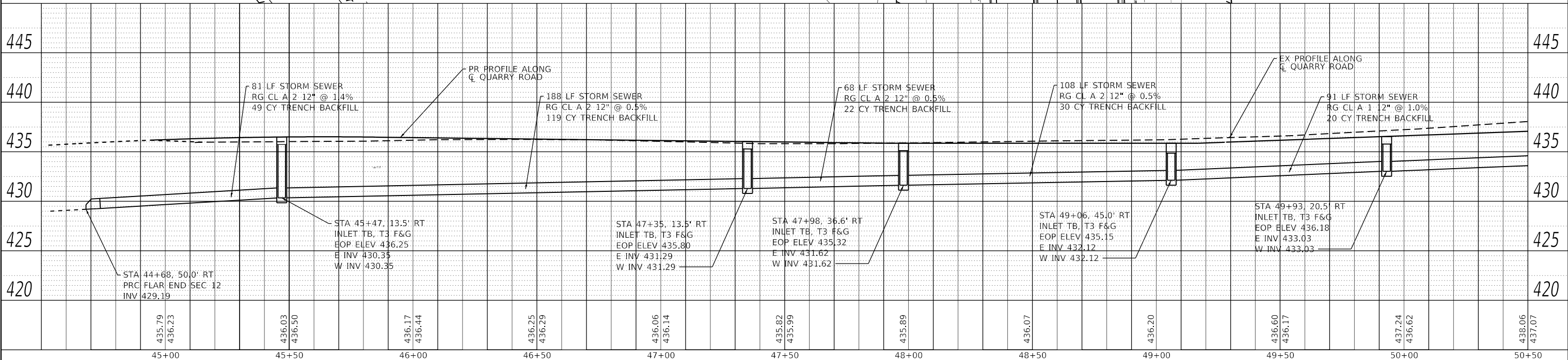
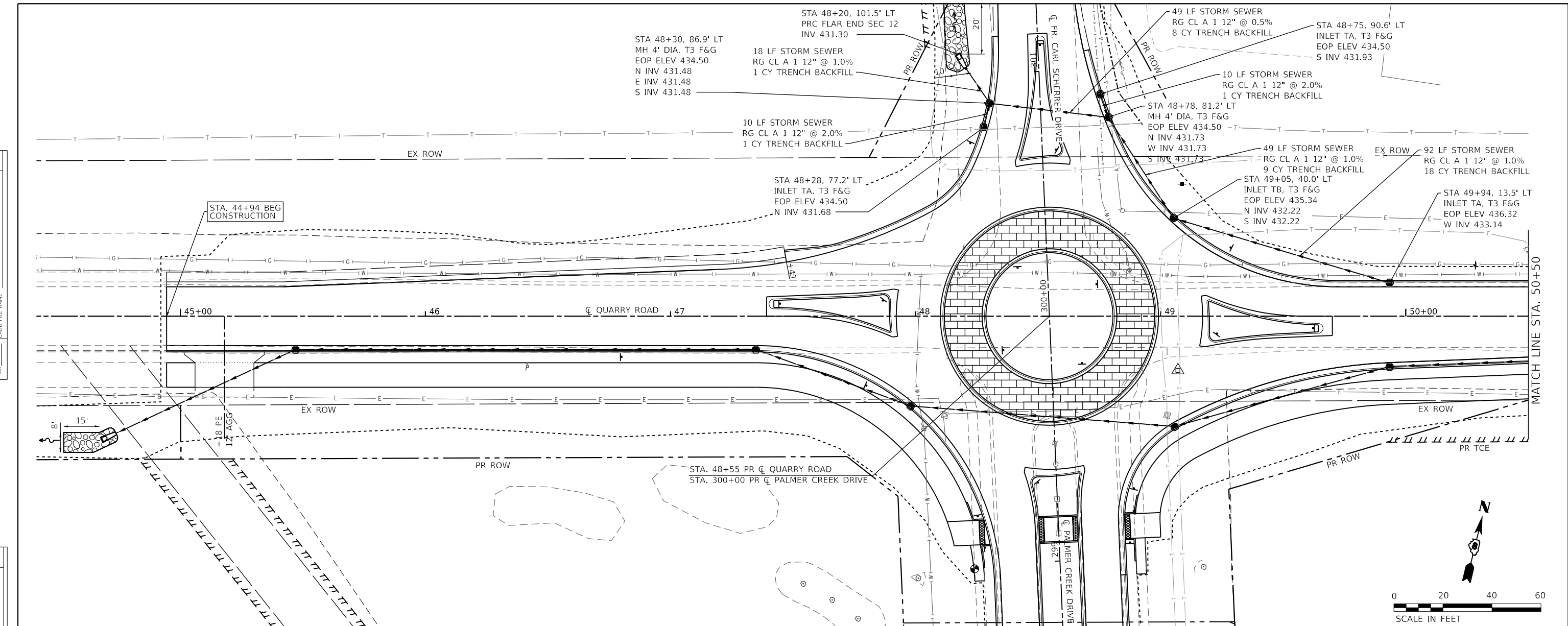
EROSION CONTROL

SCALE: 1"=20' SHEET 4 OF 4 SHEETS STA. 62+00 TO STA. 71+36

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9311	18-00054-01-PV/ 19-00054-02-R5	MONROE	60	26
CONTRACT NO. 97767			ILLINOIS FED. AID PROJECT	

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

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



45+00	435.79 436.23	45+50	436.03 436.50	46+00	436.17 436.44	46+50	436.25 436.29	47+00	436.06 436.14	47+50	435.82 435.99	48+00	435.89	48+50	436.07	49+00	436.20	49+50	436.60 436.17	50+00	437.24 436.62	50+50	438.06 437.07
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ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115

USER NAME = brian.heil	DESIGNED -	REVISED -
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PLOT DATE = 10/14/2021	DATE -	REVISED -

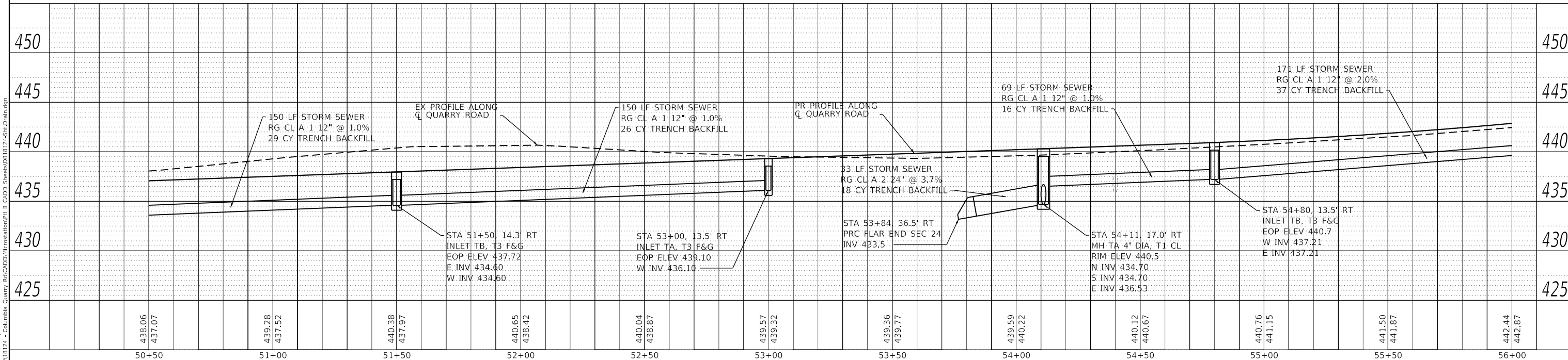
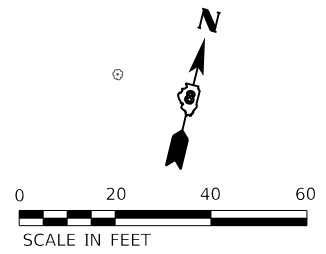
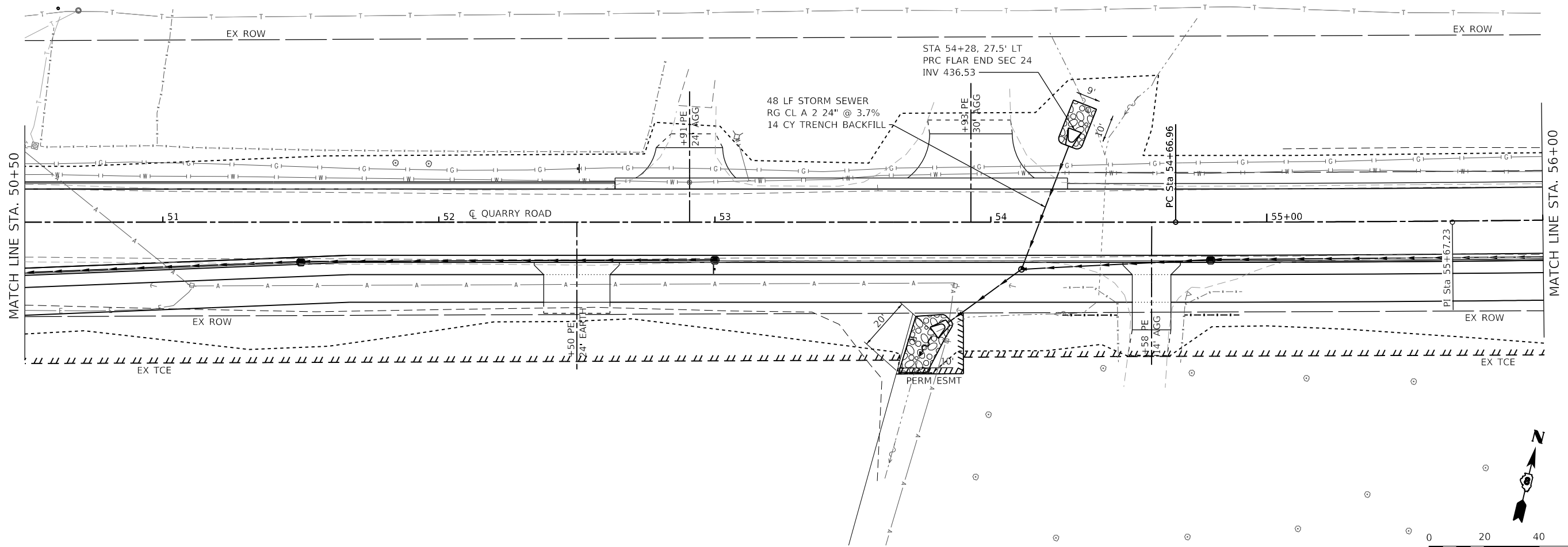
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DRAINAGE SHEETS	
SCALE: 1" = 20'	SHEET 1 OF 4 SHEETS
STA. 45+45	TO STA. 50+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9311	18-00054-01-PV/ 19-00054-02-R5	MONROE	60	27
CONTRACT NO. 97767				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	GRADES	
	NOTARIS	
	STRUCTURE	
	NOTARIS	
	CHWD	
	NO.	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	GRADES	
	NOTARIS	
	STRUCTURE	
	NOTARIS	
	CHWD	
	NO.	
	NO.	



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50+50	51+00	51+50	52+00	52+50	53+00	53+50	54+00	54+50	55+00	55+50	56+00													

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ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115

USER NAME = brihan.heil	DESIGNED -	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

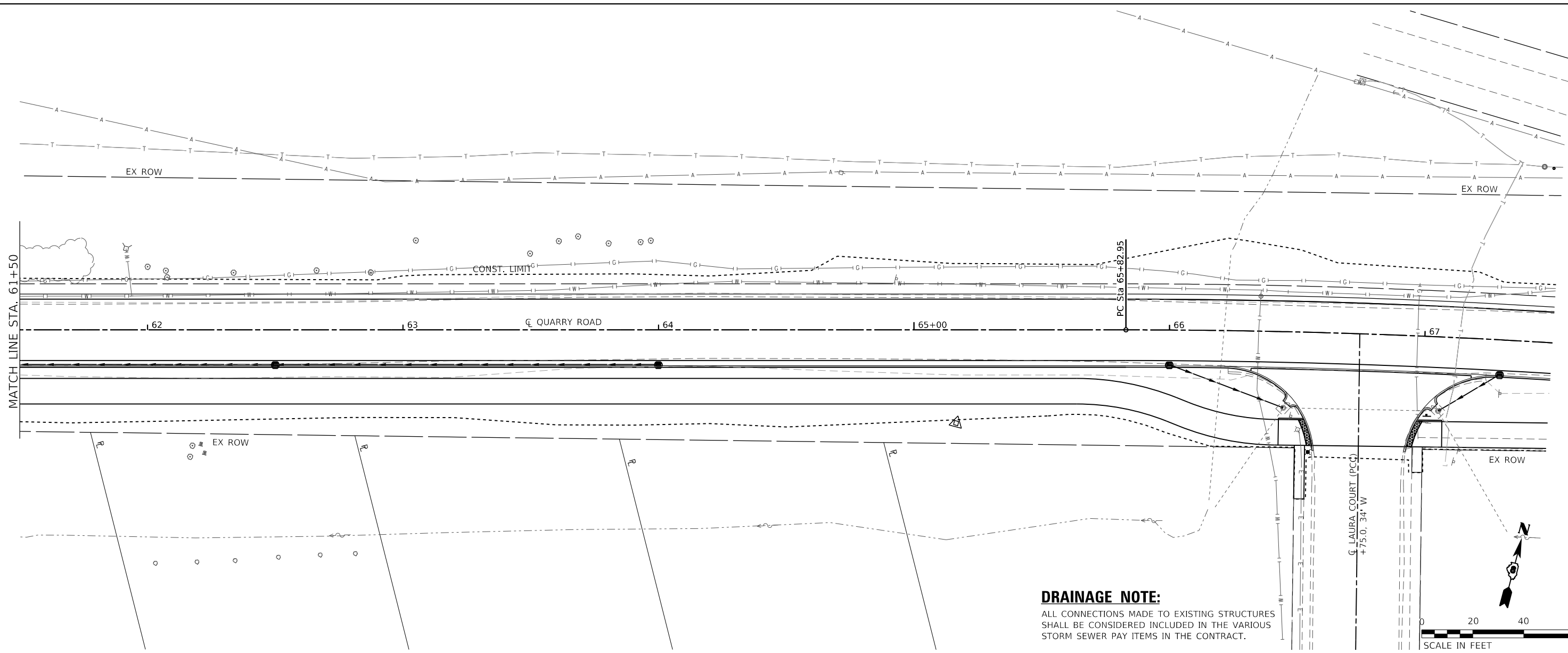
DRAINAGE SHEETS	
SCALE: 1" = 20'	SHEET 2 OF 4 SHEETS
STA. 50+50	TO STA. 51+67

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 97767			ILLINOIS FED. AID PROJECT	

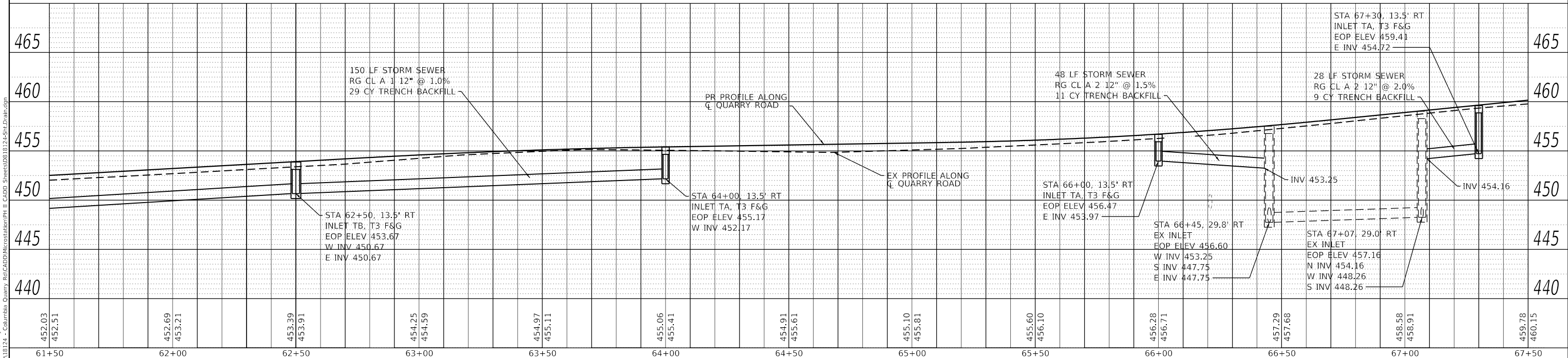
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	PLOTTED	BY
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	NOTE BOOK NO.	
	CADD FILE NAME	

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

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DRAINAGE NOTE:
 ALL CONNECTIONS MADE TO EXISTING STRUCTURES SHALL BE CONSIDERED INCLUDED IN THE VARIOUS STORM SEWER PAY ITEMS IN THE CONTRACT.



61+50	62+00	62+50	63+00	63+50	64+00	64+50	65+00	65+50	66+00	66+50	67+00	67+50
452.03 452.51	452.69 453.21	453.39 453.91	454.25 454.59	454.97 455.11	455.06 455.41	454.91 455.61	455.10 455.81	455.60 456.10	456.28 456.71	457.29 457.68	458.58 458.91	459.78 460.15

OATES ASSOCIATES
 ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115

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	DRAWN -	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/14/2021	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE: 1" = 20'	SHEET 4 OF 4 SHEETS	STA. 56+00 TO STA. 61+50
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DRAINAGE SHEETS

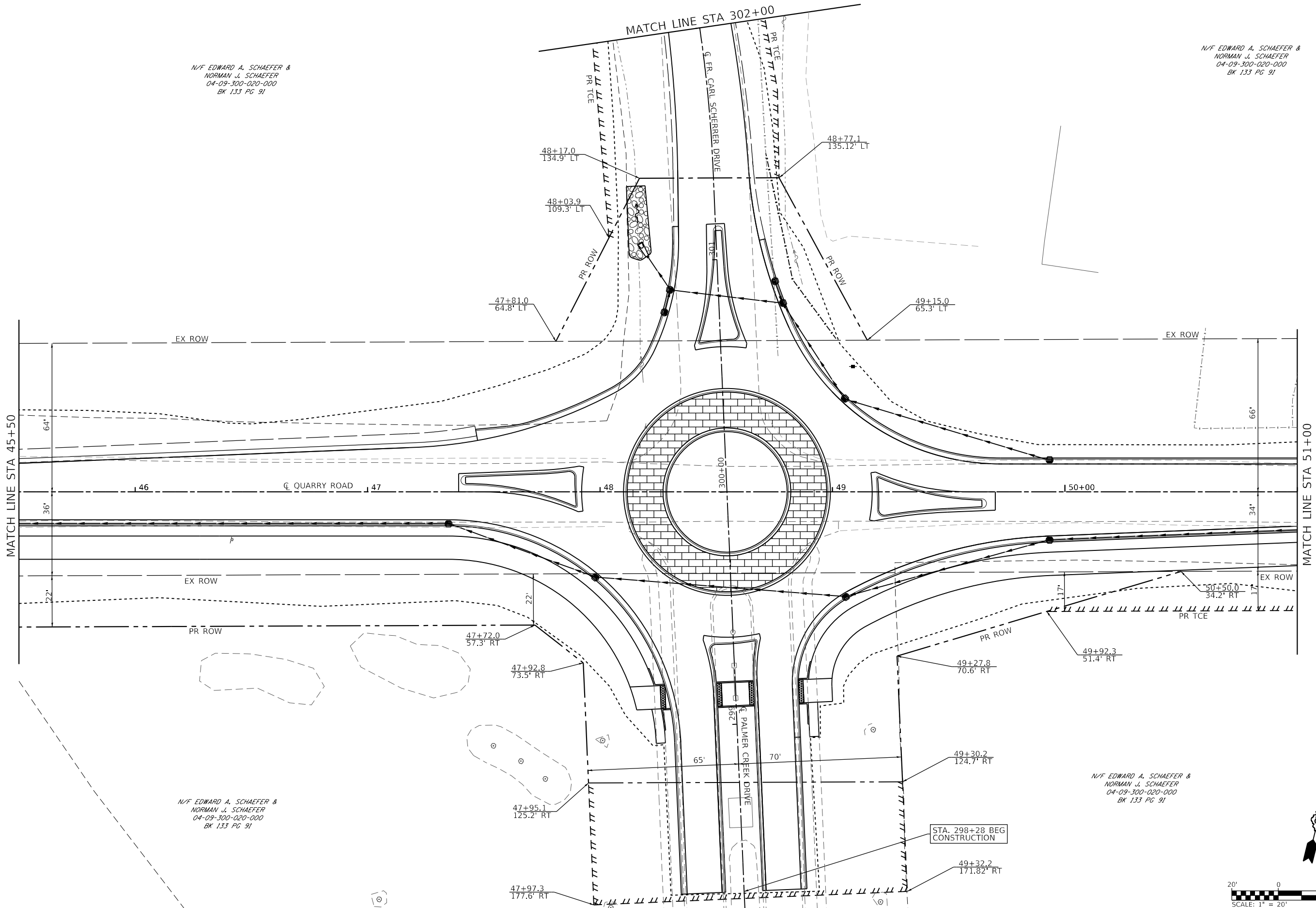
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9311	18-00054-01-PV/ 19-00054-02-R5	MONROE	60	30
CONTRACT NO. 97767			ILLINOIS FED. AID PROJECT	

N/F EDWARD A. SCHAEFER &
NORMAN J. SCHAEFER
04-09-300-020-000
BK 133 PG 91

N/F EDWARD A. SCHAEFER &
NORMAN J. SCHAEFER
04-09-300-020-000
BK 133 PG 91

N/F EDWARD A. SCHAEFER &
NORMAN J. SCHAEFER
04-09-300-020-000
BK 133 PG 91

N/F EDWARD A. SCHAEFER &
NORMAN J. SCHAEFER
04-09-300-020-000
BK 133 PG 91



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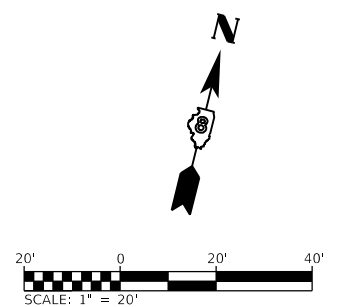
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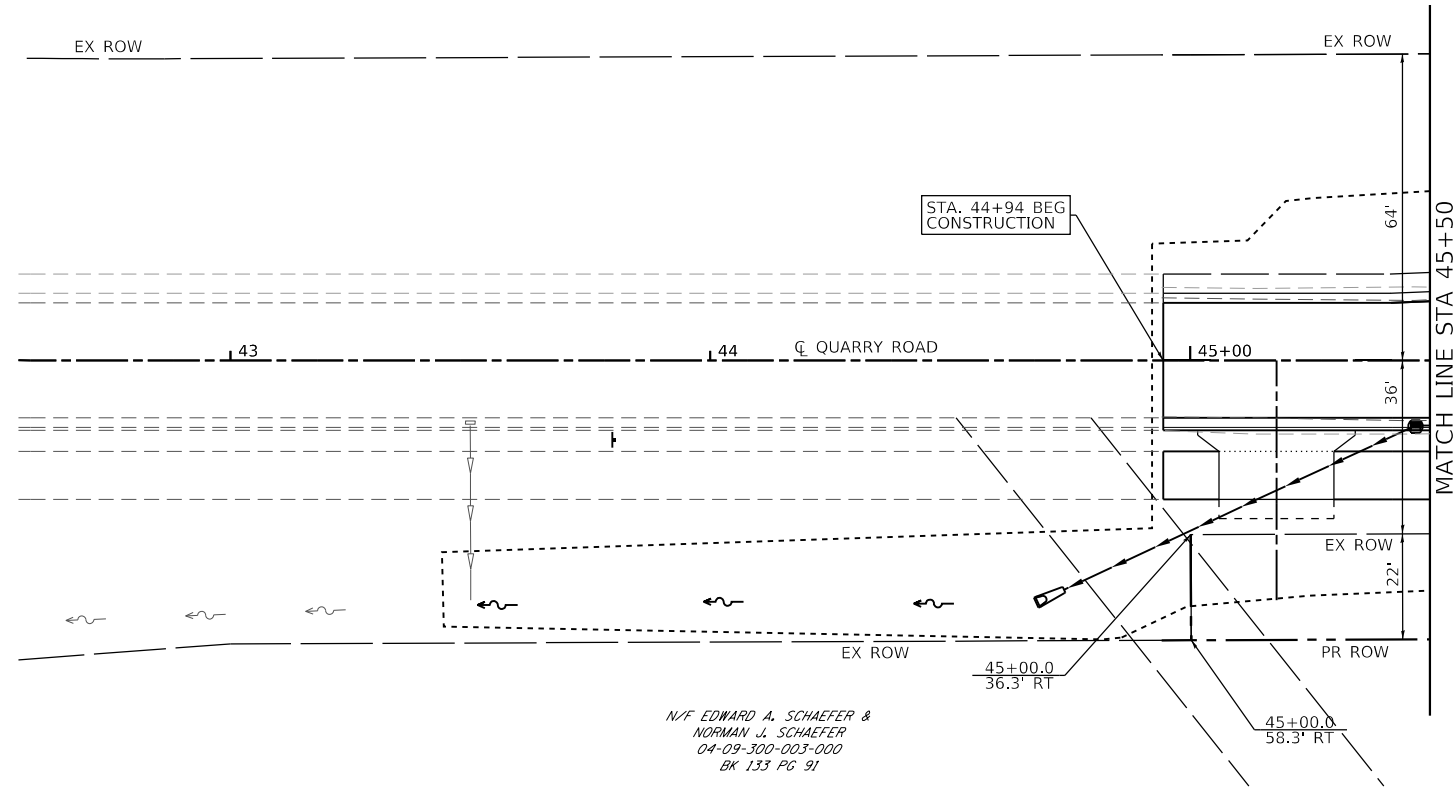
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROW PLAN SHEETS
SCALE: 1" = 20'
SHEET 1 OF 4 SHEETS
STA. 45+50 TO STA. 51+00

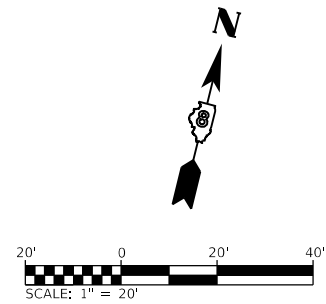
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CONTRACT NO. 97767				
ILLINOIS FED. AID PROJECT				



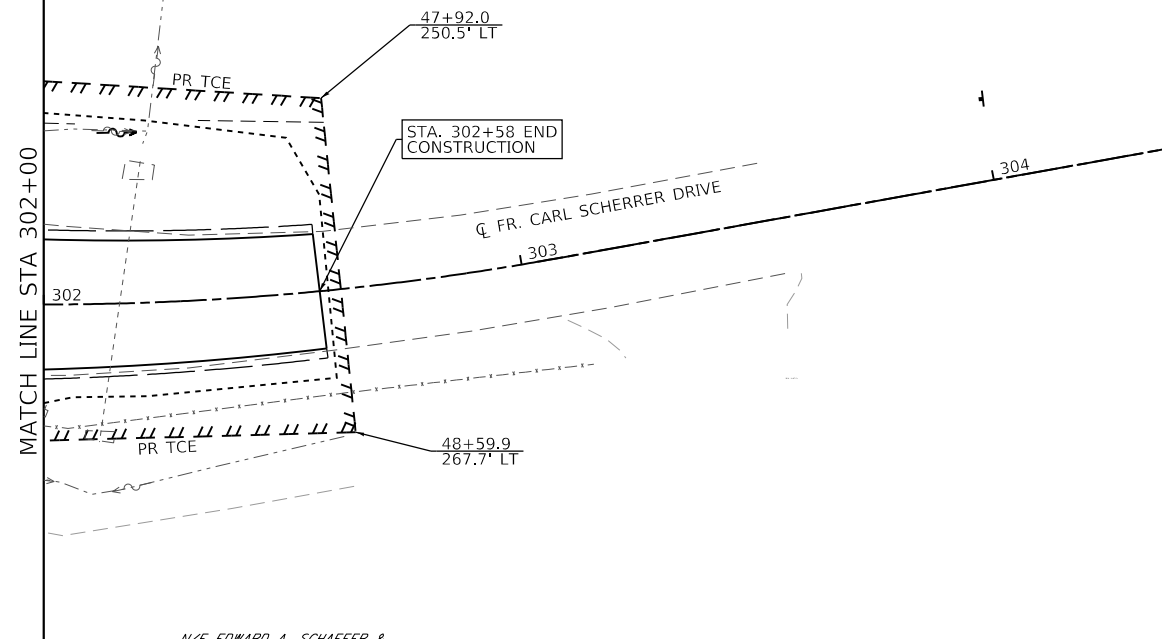
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NORMAN J. SCHAEFER
04-09-300-003-000
BK 133 PG 91



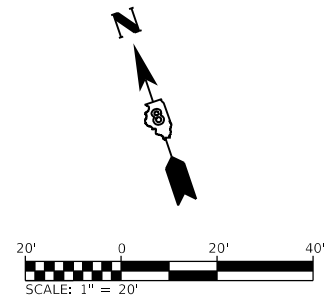
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NORMAN J. SCHAEFER
04-09-300-003-000
BK 133 PG 91



N/F EDWARD A. SCHAEFER &
NORMAN J. SCHAEFER
04-09-300-003-000
BK 133 PG 91



N/F EDWARD A. SCHAEFER &
NORMAN J. SCHAEFER
04-09-300-003-000
BK 133 PG 91



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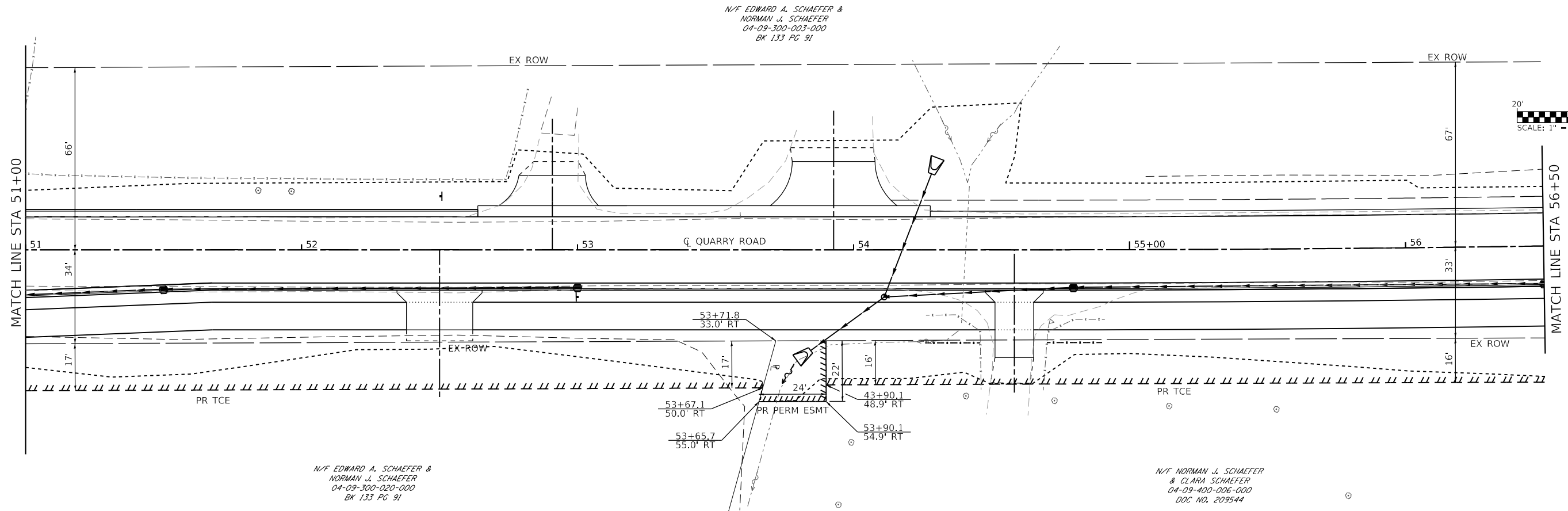
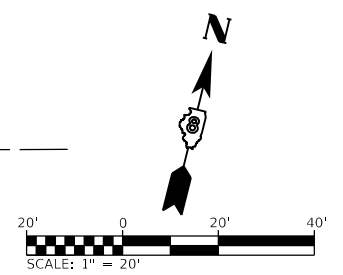
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PLOT DATE = 10/14/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROW PLAN SHEETS

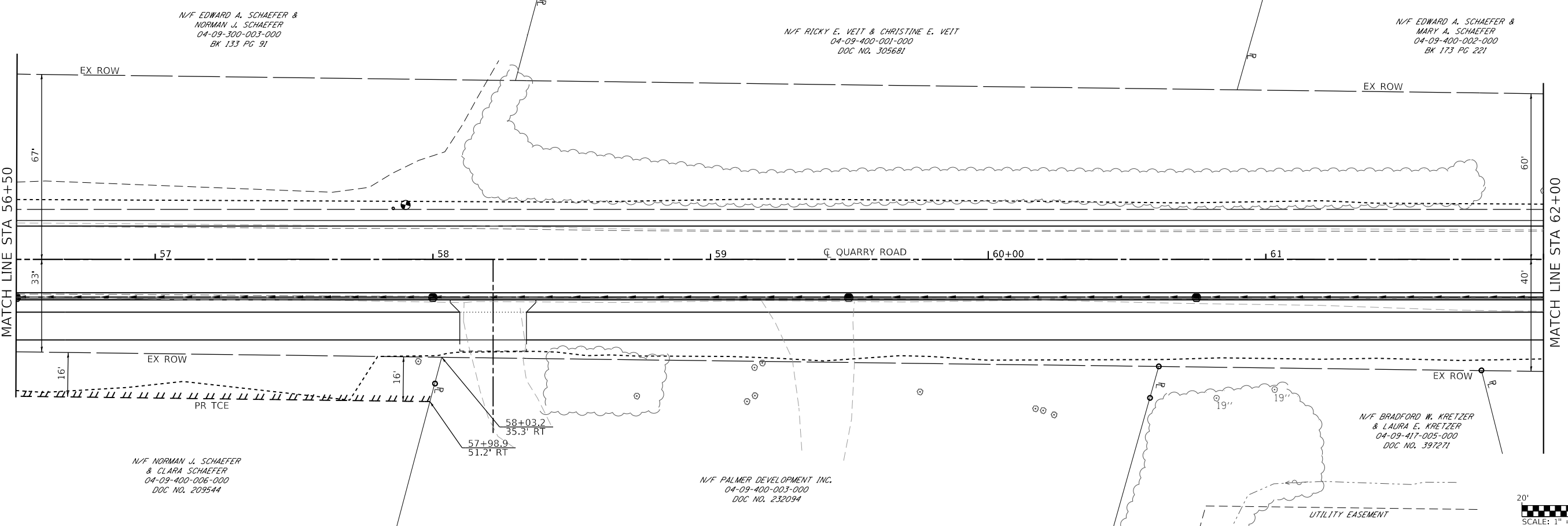
SCALE: 1"=20' SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9311	18-00054-01-PV/ 19-00054-02-R5	MONROE	60	32
CONTRACT NO. 97767				
ILLINOIS FED. AID PROJECT				



N/F EDWARD A. SCHAEFER &
NORMAN J. SCHAEFER
04-09-300-020-000
BK 133 PG 91

N/F NORMAN J. SCHAEFER
& CLARA SCHAEFER
04-09-400-006-000
DOC NO. 209544



N/F EDWARD A. SCHAEFER &
NORMAN J. SCHAEFER
04-09-300-003-000
BK 133 PG 91

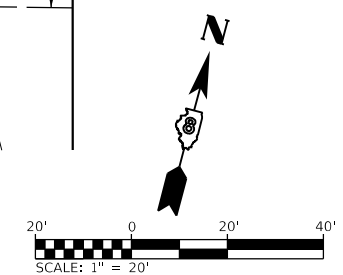
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04-09-400-001-000
DOC NO. 305681

N/F EDWARD A. SCHAEFER &
MARY A. SCHAEFER
04-09-400-002-000
BK 173 PG 221

N/F NORMAN J. SCHAEFER
& CLARA SCHAEFER
04-09-400-006-000
DOC NO. 209544

N/F PALMER DEVELOPMENT INC.
04-09-400-003-000
DOC NO. 232094

N/F BRADFORD W. KRETZER
& LAURA E. KRETZER
04-09-417-005-000
DOC NO. 397271



MODEL: Sheet 3
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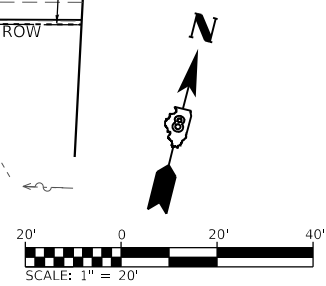
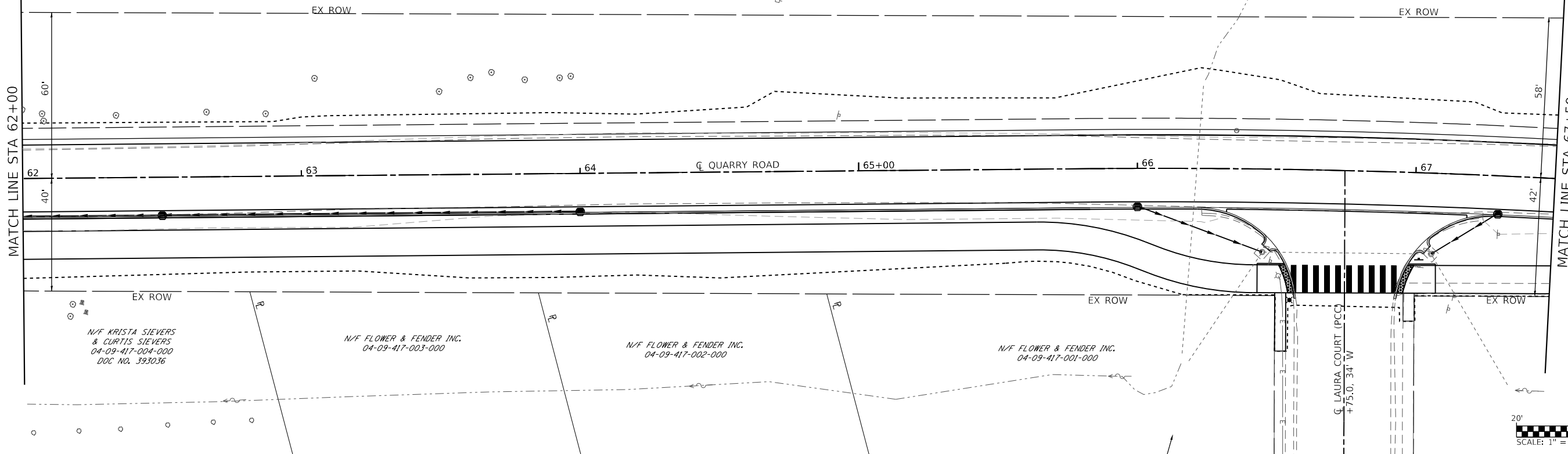
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

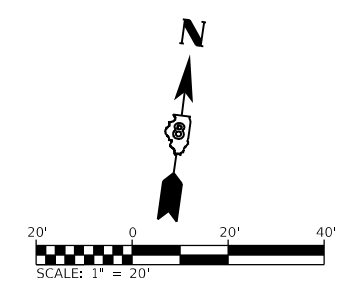
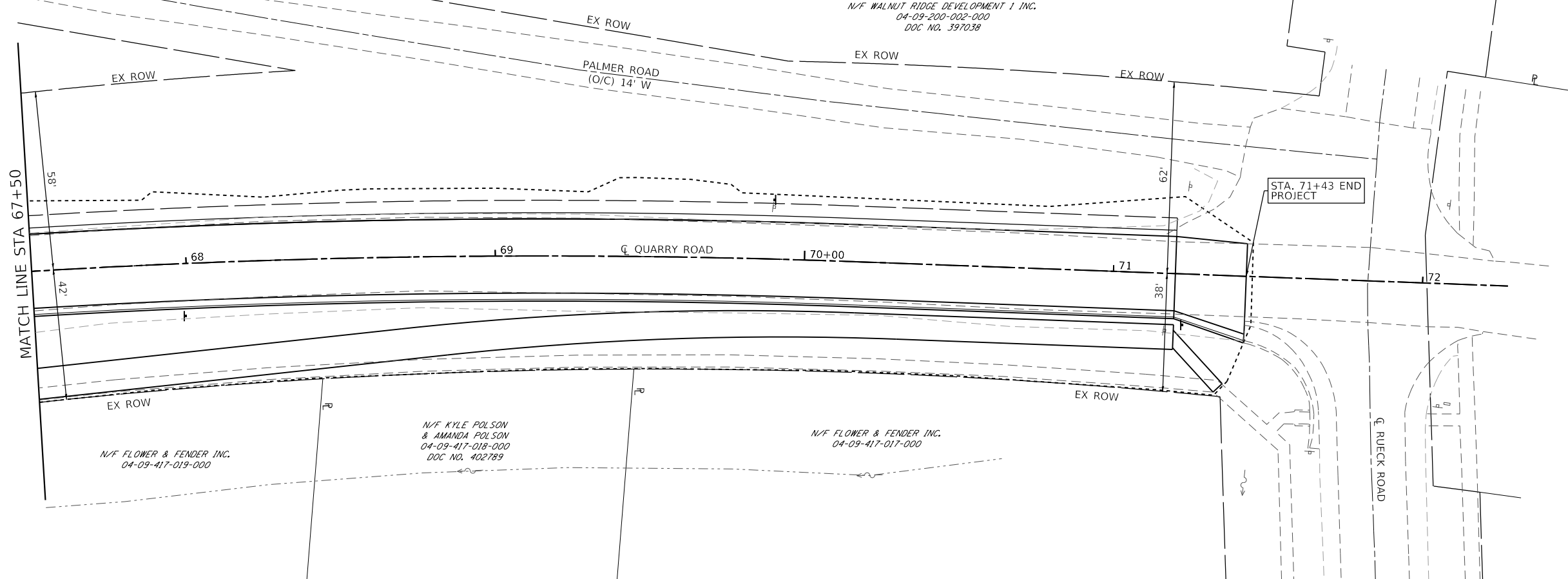
ROW PLAN SHEETS
SCALE: 1"=20' SHEET 3 OF 4 SHEETS STA. 51+00 TO STA. 62+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9311	18-00054-01-PV/ 19-00054-02-R5	MONROE	60	33
				CONTRACT NO. 97767
ILLINOIS FED. AID PROJECT				

N/F EDWARD A. SCHAEFER &
MARY A. SCHAEFER
04-09-400-002-000
BK 173 PG 221



N/F WALNUT RIDGE DEVELOPMENT 1 INC.
04-09-200-002-000
DOC NO. 397038



MODEL: Sheet 4
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USER NAME = brian.heil	DESIGNED -	REVISED -
PLOT SCALE = 40.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 10/14/2021	CHECKED -	REVISED -
	DATE -	REVISED -



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROW PLAN SHEETS

SCALE: 1"=20' SHEET 4 OF 4 SHEETS STA. 62+00 TO STA. 71+36

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9311	18-00054-01-PV/ 19-00054-02-R5	MONROE	60	34
			CONTRACT NO. 97767	
ILLINOIS FED. AID PROJECT				

PLAN SHEET LEGEND

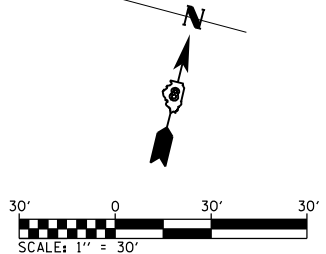
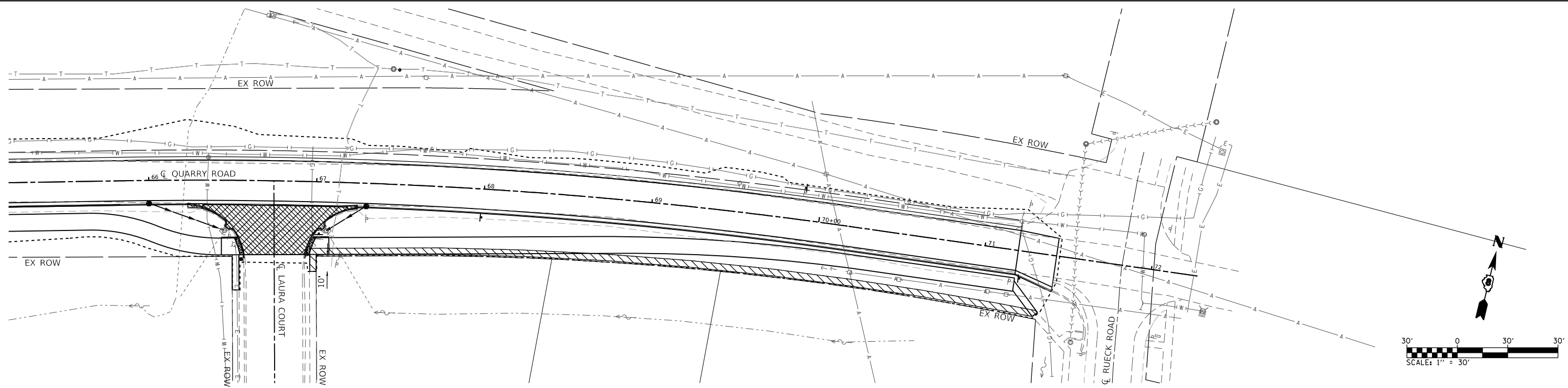
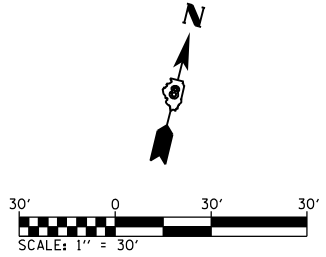
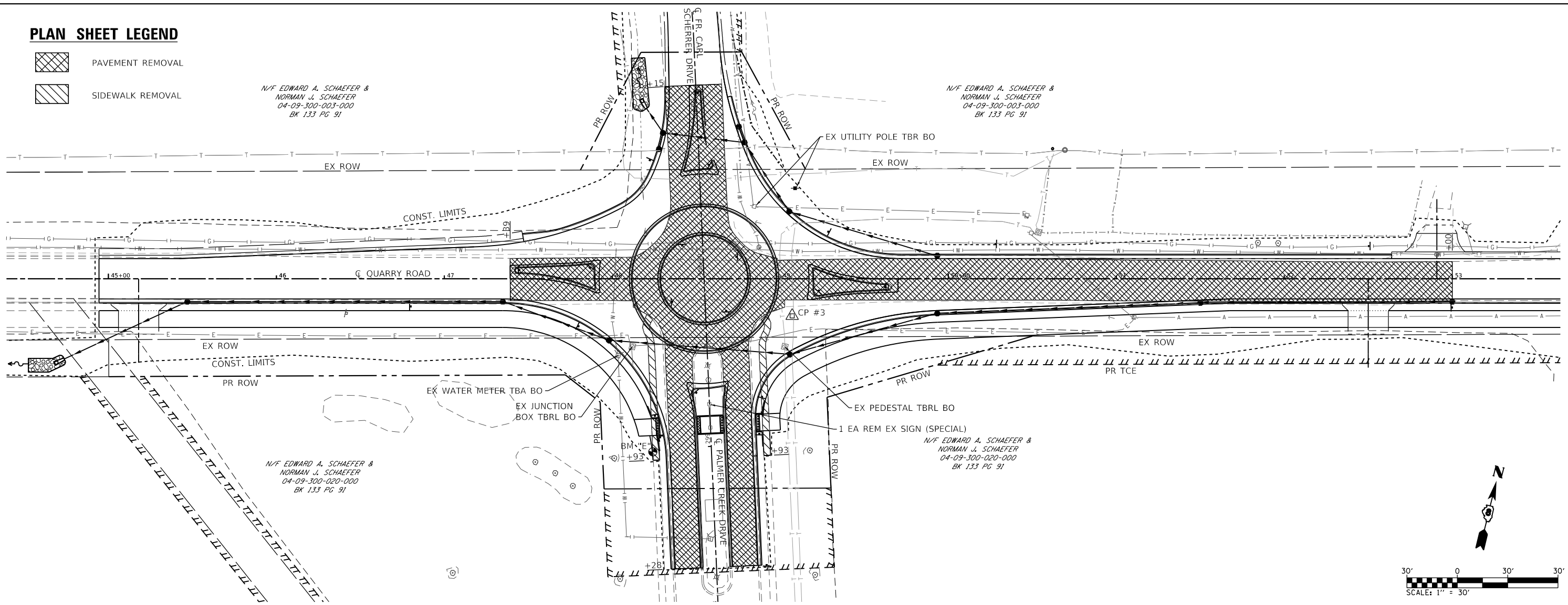
-  PAVEMENT REMOVAL
-  SIDEWALK REMOVAL

N/F EDWARD A. SCHAEFER &
NORMAN J. SCHAEFER
04-09-300-003-000
BK 133 PG 91

N/F EDWARD A. SCHAEFER &
NORMAN J. SCHAEFER
04-09-300-003-000
BK 133 PG 91

N/F EDWARD A. SCHAEFER &
NORMAN J. SCHAEFER
04-09-300-020-000
BK 133 PG 91

N/F EDWARD A. SCHAEFER &
NORMAN J. SCHAEFER
04-09-300-020-000
BK 133 PG 91



MODEL: Default
FILE NAME: I:\18124 - Columbus Quarry\B\CADD\Microstation\PH II CADD_Sheets\18124-1-Sht-Removal.dgn



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PLOT SCALE = 60.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 10/14/2021	CHECKED -	REVISED -
	DATE -	REVISED -

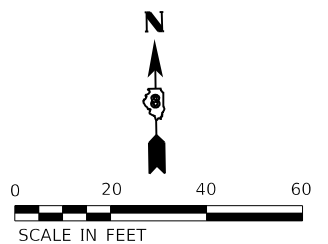
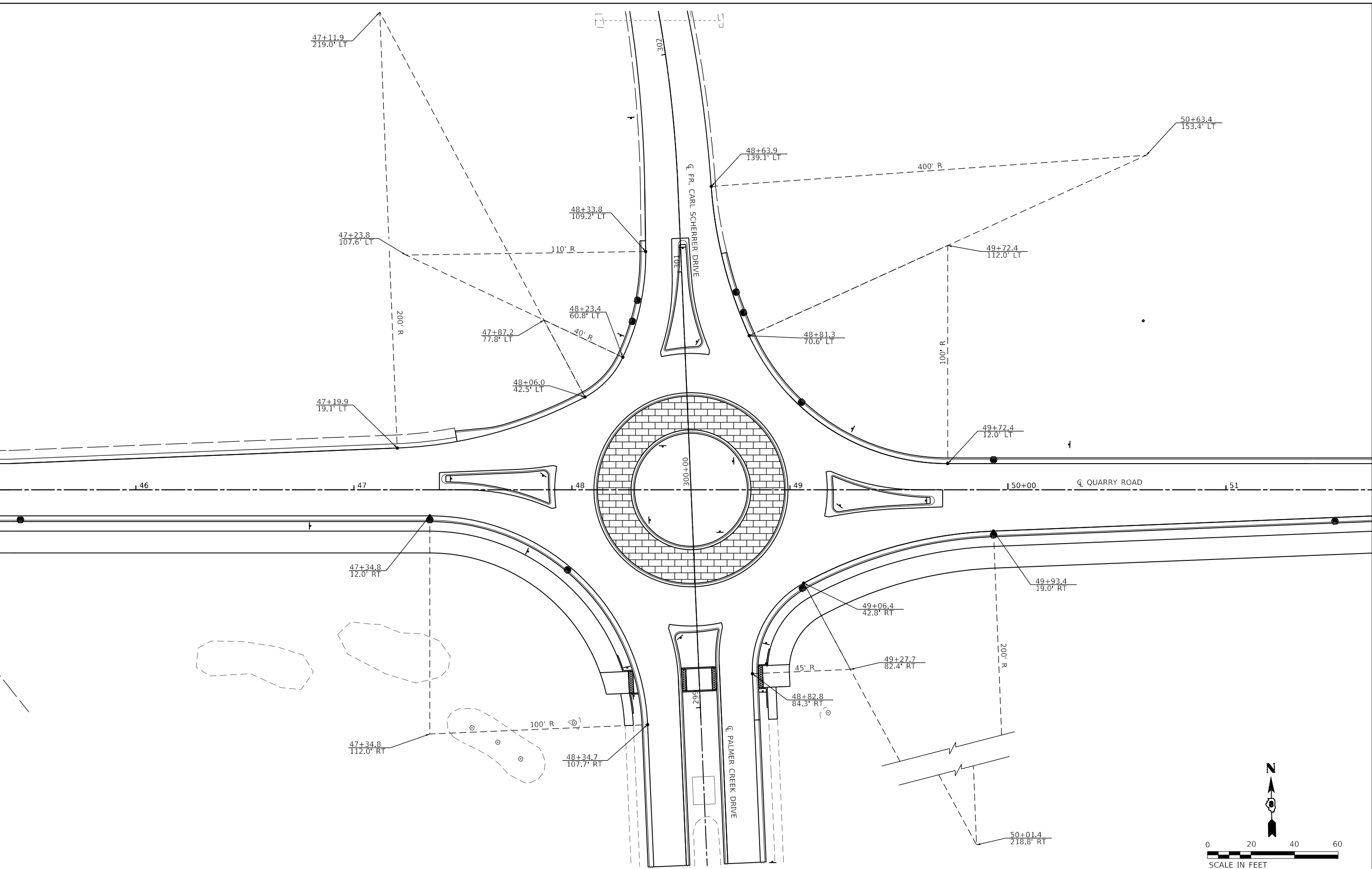
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL SHEET

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

F.A.U. RTE. 9311	SECTION 18-00054-01-PV/ 19-00054-02-RS	COUNTY MONROE	TOTAL SHEETS 60	SHEET NO. 35
CONTRACT NO. 97767				
ILLINOIS FED. AID PROJECT				

MODEL: Default
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 ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115



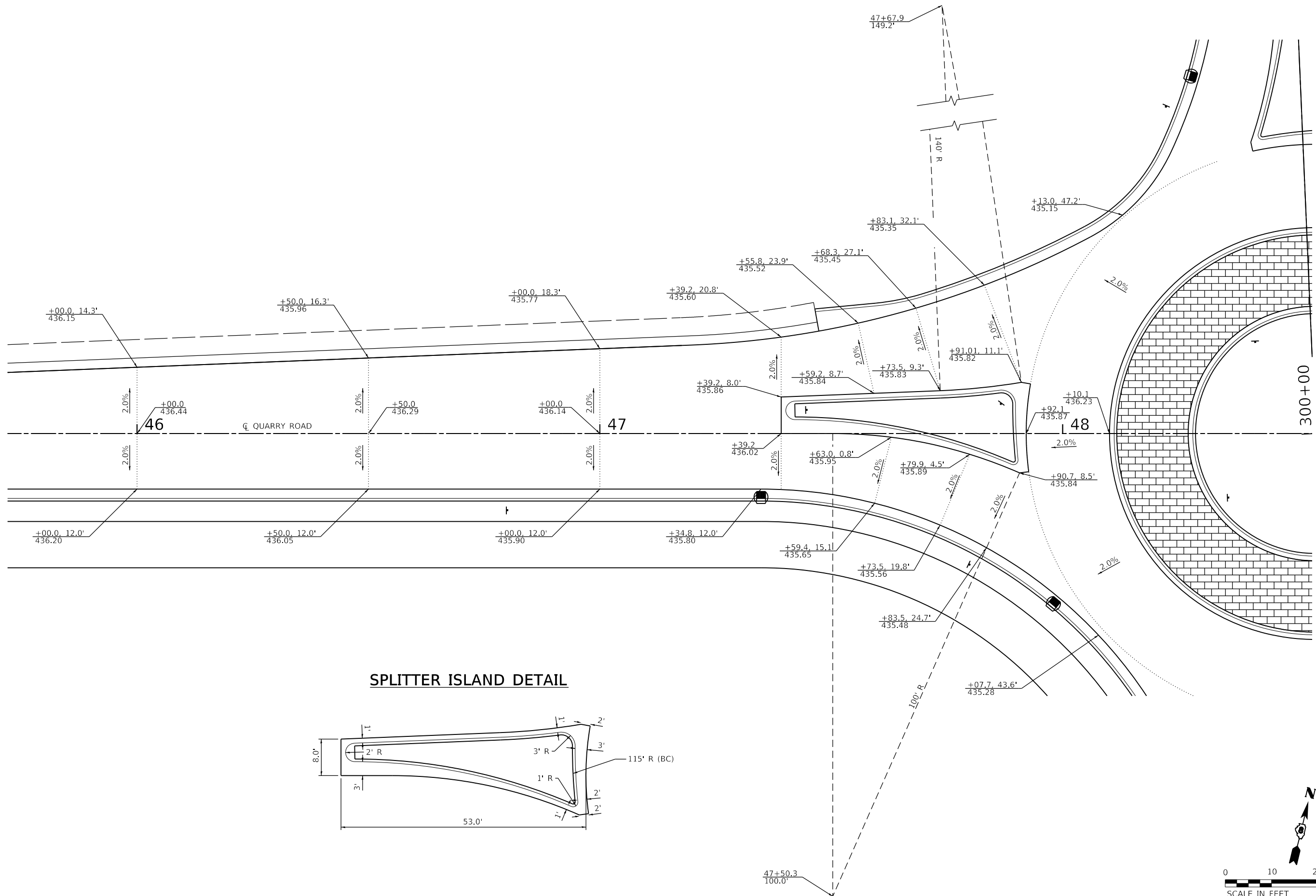
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PLOT DATE = 10/14/2021	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

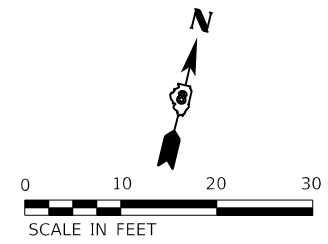
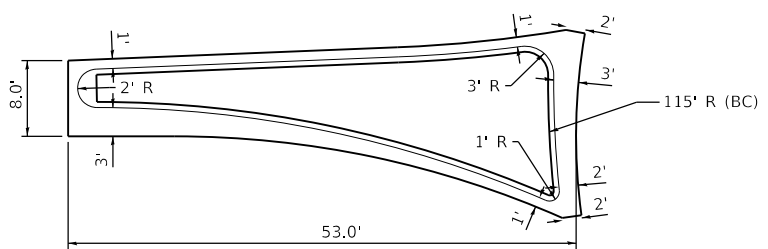
ROUNDABOUT DETAILS
 SCALE: 1" = 20' SHEET 1 OF 7 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9311	18-00054-01-PV/ 19-00054-02-R5	MONROE	60	36
CONTRACT NO. 97767				
ILLINOIS FED. AID PROJECT				

MODEL: Sheet 2 - West
 FILE NAME: I:\180224 - Columbus Quarry\8\CADD\Microstation\PH II CADD - Sheets\08181214\PHIISht-Interactcbrn_Details.dgn



SPLITTER ISLAND DETAIL



USER NAME = brian.heil	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/14/2021	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

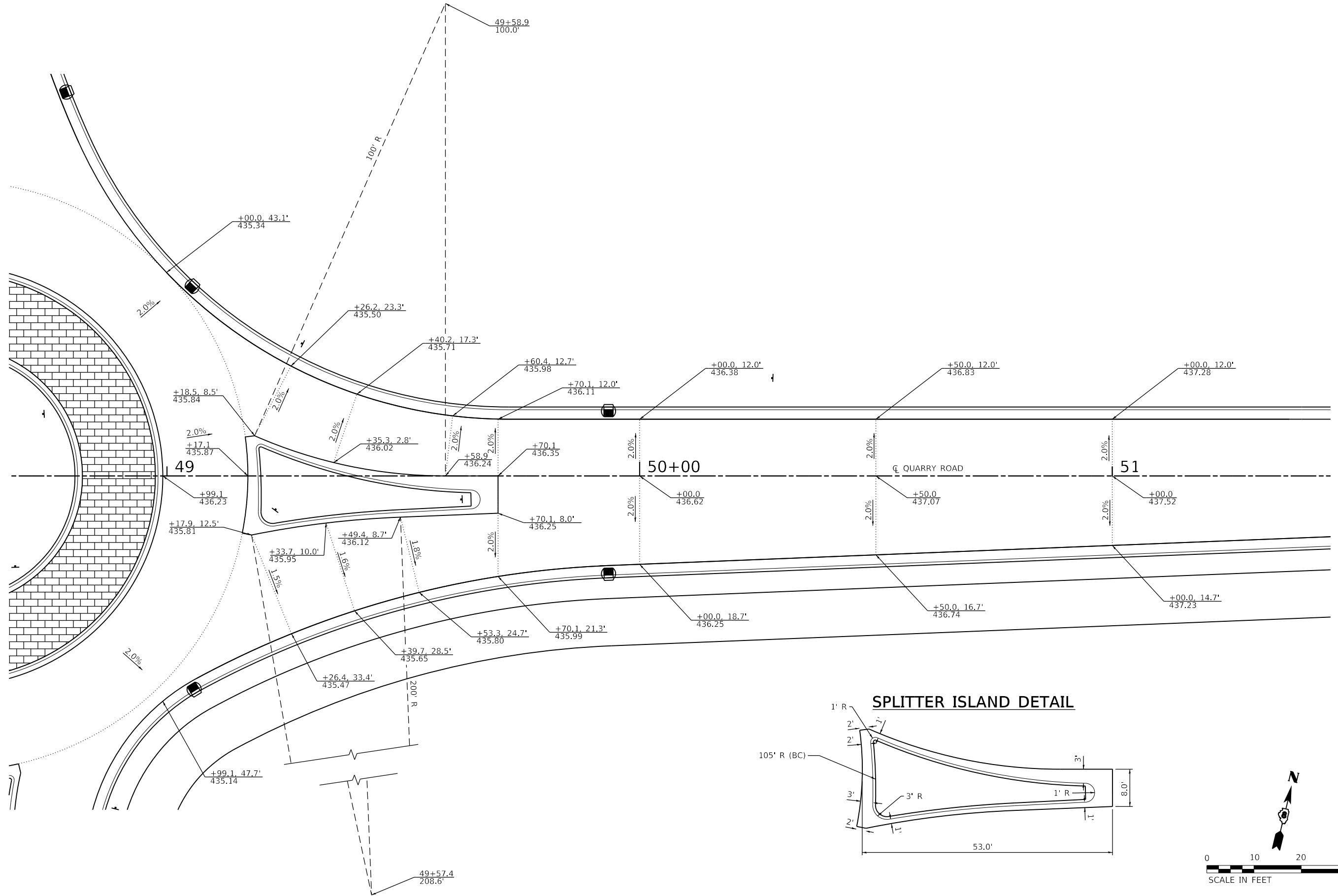
ROUNDABOUT DETAILS

SCALE: 1" = 10' SHEET 2 OF 7 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9311	18-00054-01-PV/ 19-00054-02-R5	MONROE	60	37
CONTRACT NO. 97767				

ILLINOIS FED. AID PROJECT

MODEL: Sheet 3 - First
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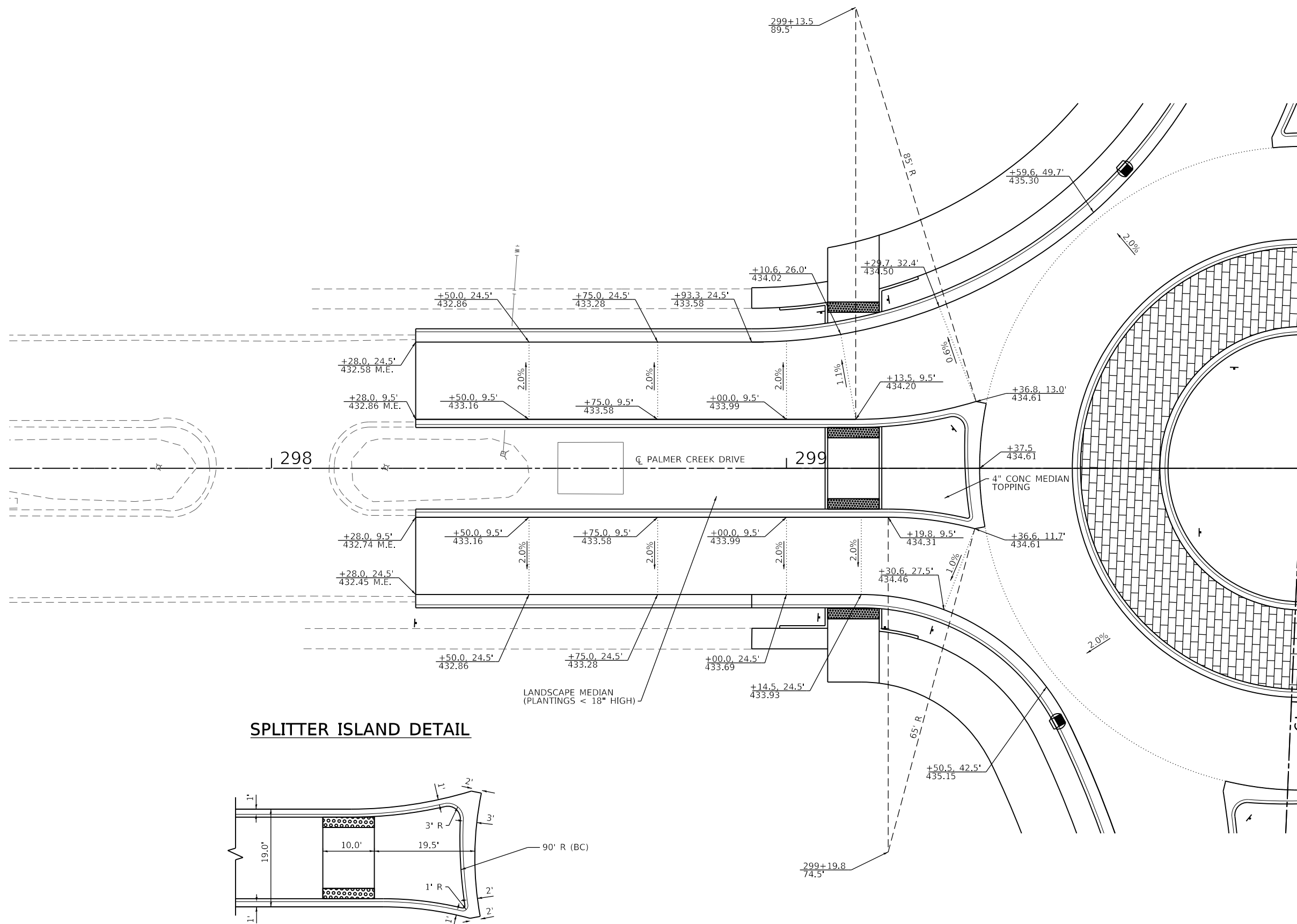


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	DATE -	REVISED -

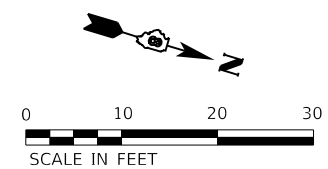
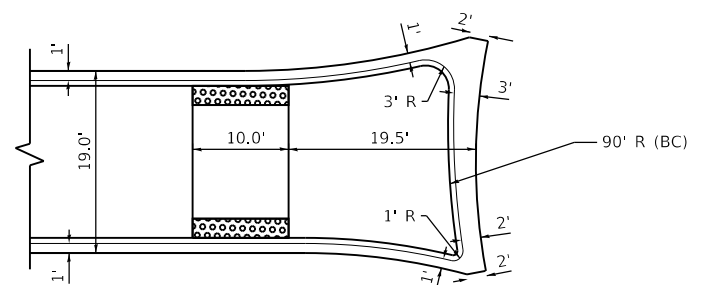
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ROUNDABOUT DETAILS
 SCALE: 1" = 10' SHEET 3 OF 7 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9311	18-00054-01-PV/ 19-00054-02-R5	MONROE	60	38
CONTRACT NO. 97767				
ILLINOIS FED. AID PROJECT				



SPLITTER ISLAND DETAIL



MODEL: Sheet 4 - 50'x40' FILE NAME: I:\R181224 - Columbus Quarry 80\CADD\Microstation\PH II_CADD_Sheets\08181224\PH1E\SHI_Interaction_Details.dgn



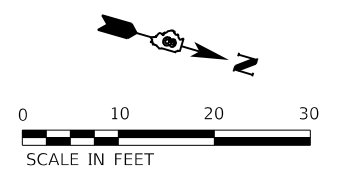
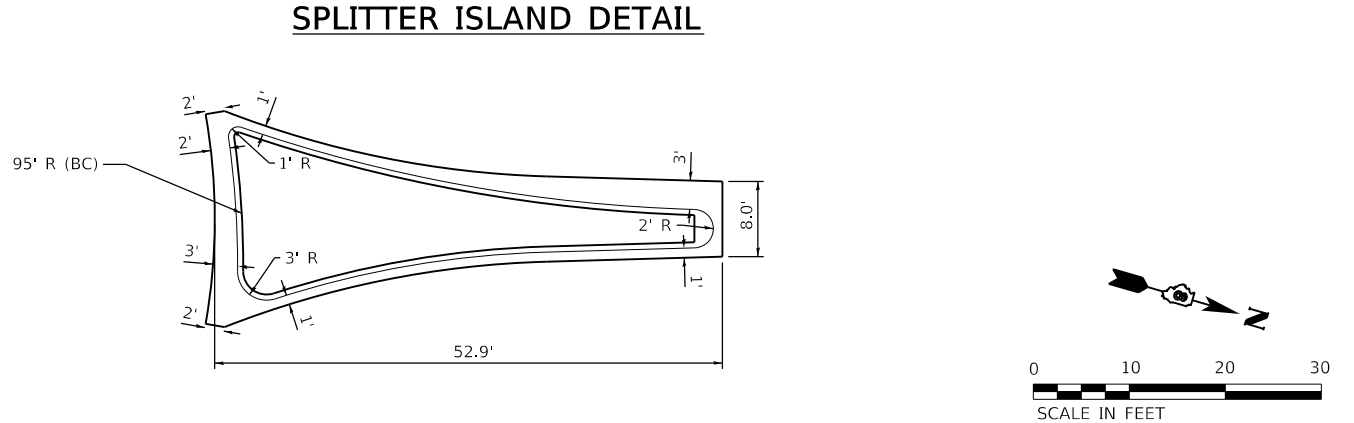
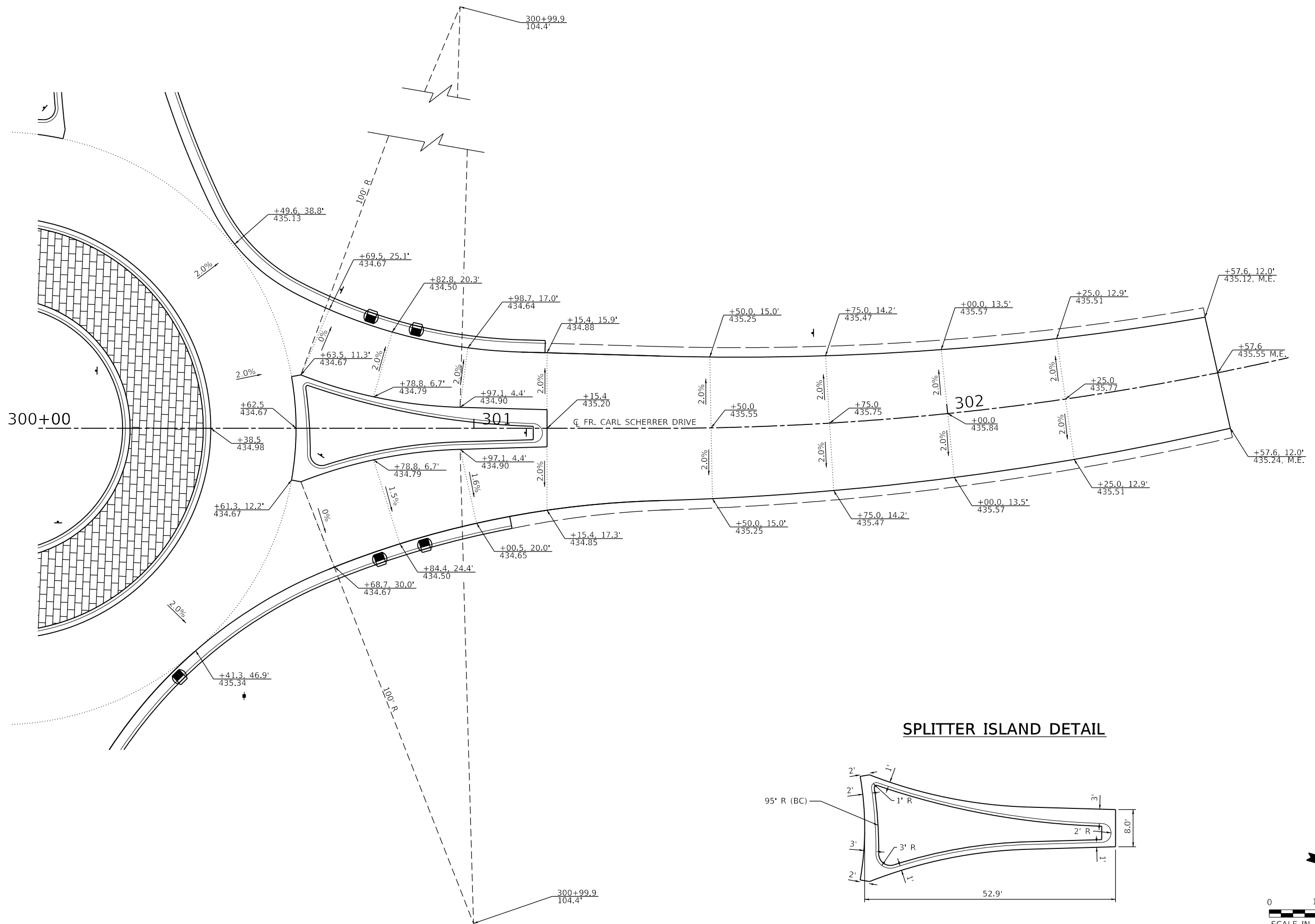
USER NAME = brian.heil	DESIGNED -	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/14/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROUNDABOUT DETAILS

SCALE: 1" = 10' SHEET 4 OF 7 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9311	18-00054-01-PV/ 19-00054-02-R5	MONROE	60	39
			CONTRACT NO. 97767	
ILLINOIS FED. AID PROJECT				



MODEL: Sheet 5 - North
 FILE NAME: R:\18224 - Columbus Quarry\8\CADD\Microstation\PH II_CADD_Sheets\0818224_P\14-15-FINIS-Sub-Interac\cbn_Details.dgn



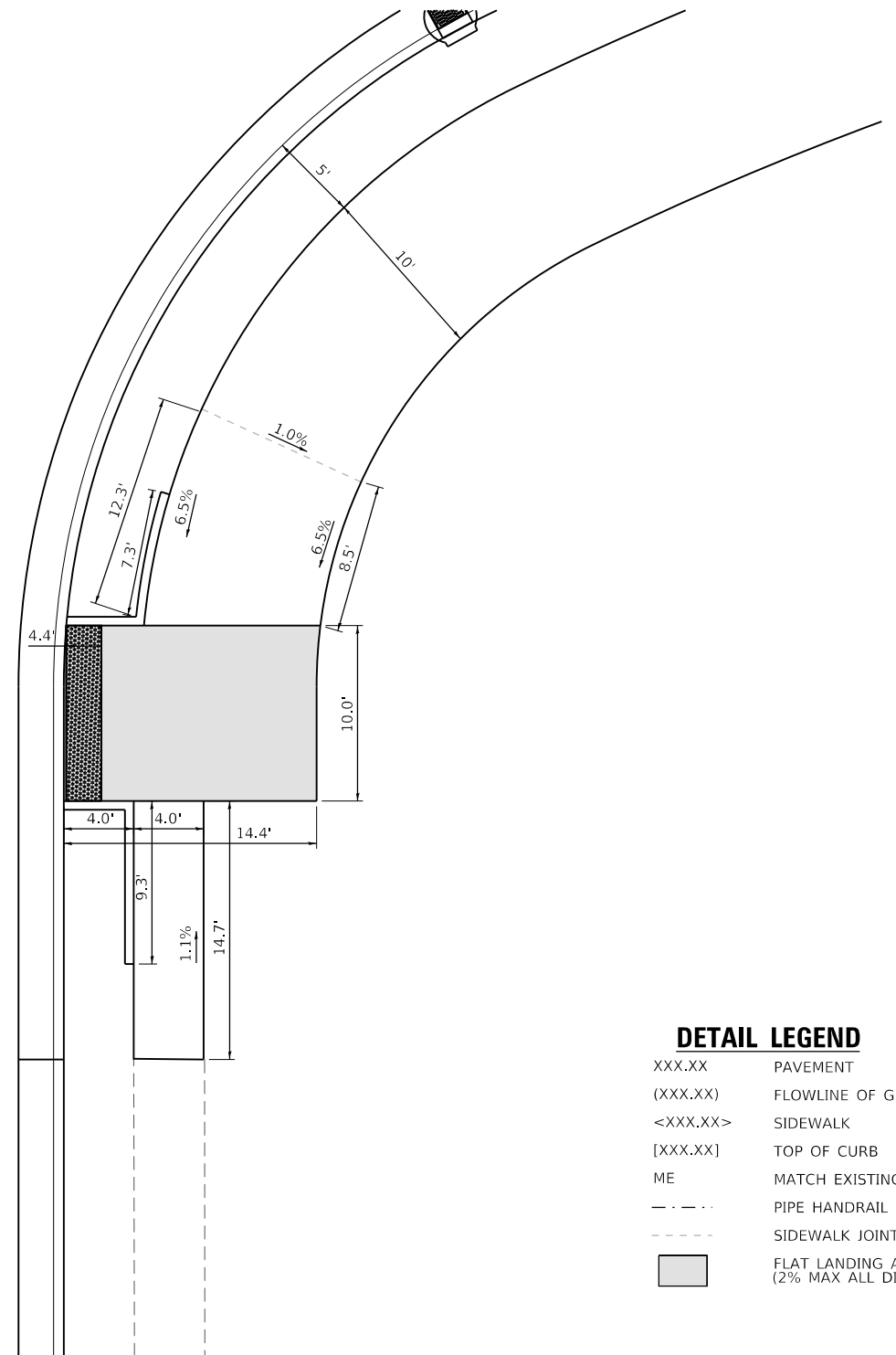
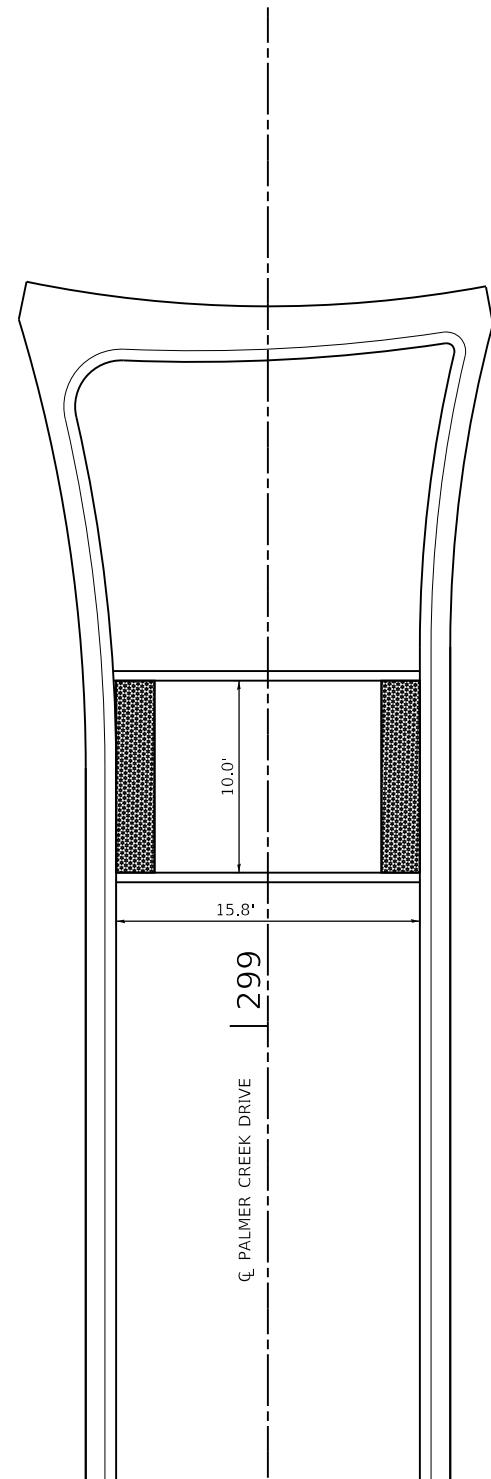
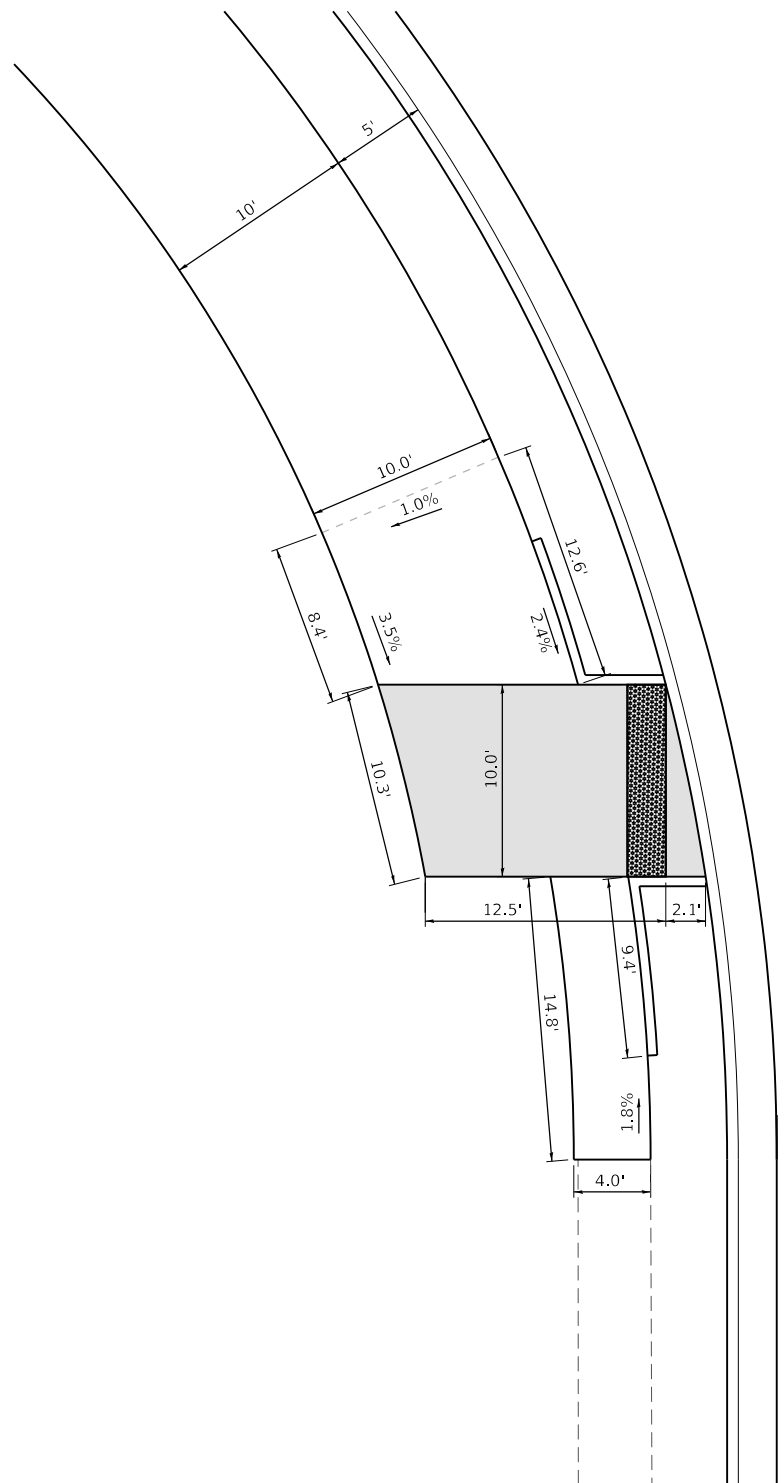
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PLOT SCALE = 20.0000" / in.	DRAWN -	REVISED -
PLOT DATE = 10/14/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROUNDABOUT DETAILS

SCALE: 1" = 10' SHEET 5 OF 7 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9311	18-00054-01-PV/ 19-00054-02-R5	MONROE	60	40
CONTRACT NO. 97767				
ILLINOIS FED. AID PROJECT				

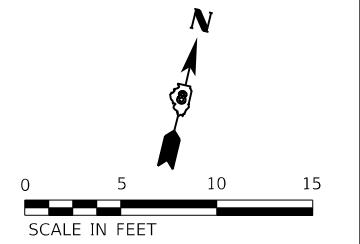


NOTES

1. FOLLOW HIGHWAY STANDARD 424001 AND 424031.
2. ADA RAMP SIDE CURBS MAY BE ADDED OR DELETED IN THE FIELD BY THE ENGINEER BASED ON FIELD CONDITIONS.

DETAIL LEGEND

XXX.XX	PAVEMENT
(XXX.XX)	FLOWLINE OF GUTTER
<XXX.XX>	SIDEWALK
[XXX.XX]	TOP OF CURB
ME	MATCH EXISTING
---	PIPE HANDRAIL
- - -	SIDEWALK JOINT
	FLAT LANDING AREA (2% MAX ALL DIRECTIONS)



MODEL: Sheet 6 - PC Sidewalk
 FILE NAME: \\p101324 - Columns Quarry 80\CADD\Information\PH II CADD - Sheet\08181214\PHIISide\Interac\cbn_Details.dgn

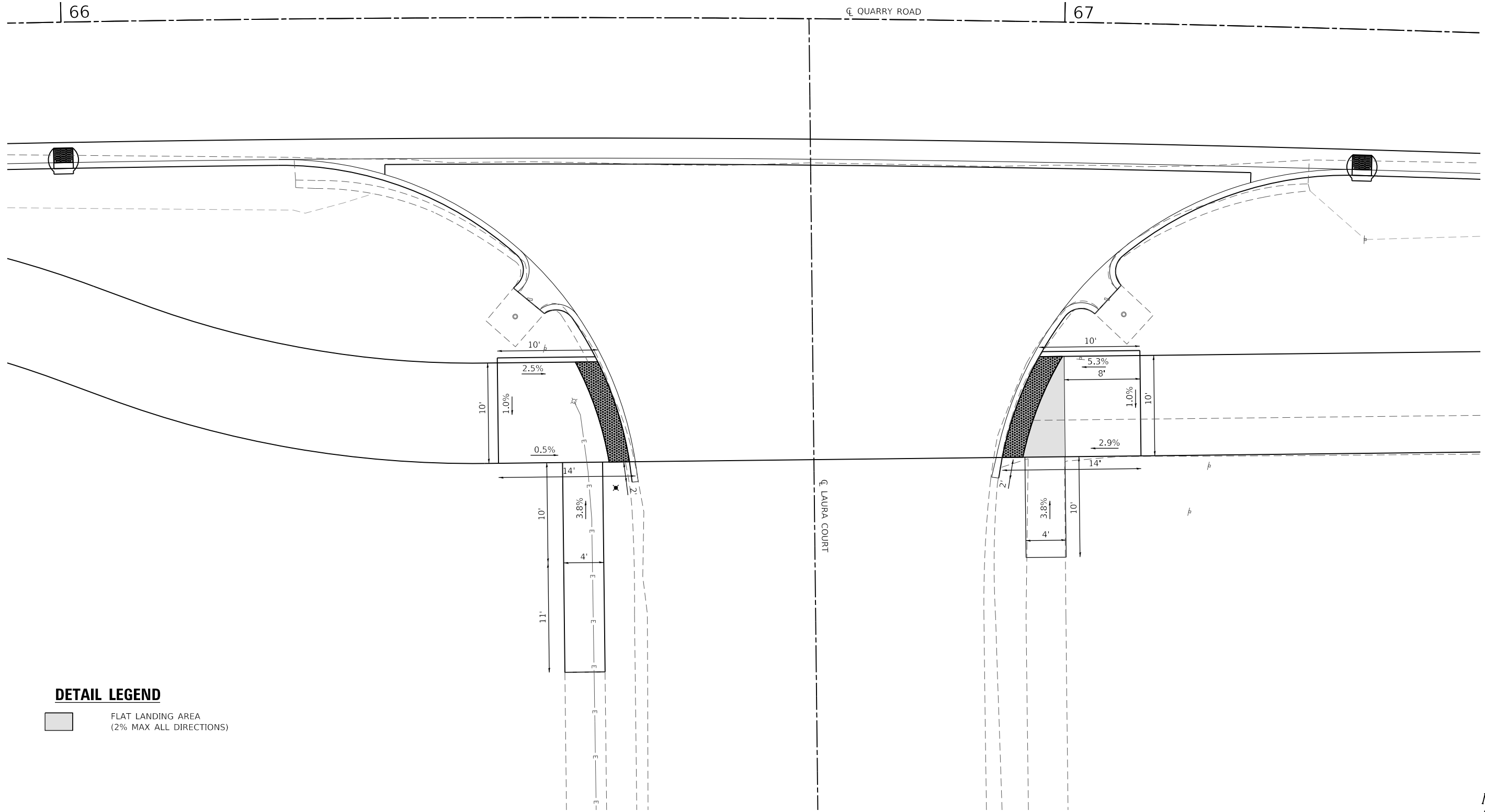


USER NAME = brian.heil	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/14/2021	DATE -	REVISED -


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUNDABOUT DETAILS
 SCALE: 1" = 5' SHEET 6 OF 7 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9311	18-00054-01-PV/ 19-00054-02-R5	MONROE	60	41
CONTRACT NO. 97767				
ILLINOIS FED. AID PROJECT				



DETAIL LEGEND

 FLAT LANDING AREA
 (2% MAX ALL DIRECTIONS)

NOTES

1. FOLLOW HIGHWAY STANDARD 424001.
2. ADA RAMP SIDE CURBS MAY BE ADDED OR DELETED IN THE FIELD BY THE ENGINEER BASED ON FIELD CONDITIONS.

MODEL: Sheet 7 - Laura Court
 FILE NAME: I:\181024 - Courbels Quarry\6\CADD\Microstation\PH II_CADD_Sheets\0818124-14-PhII-Sht-Intersectbn_Details.dgn



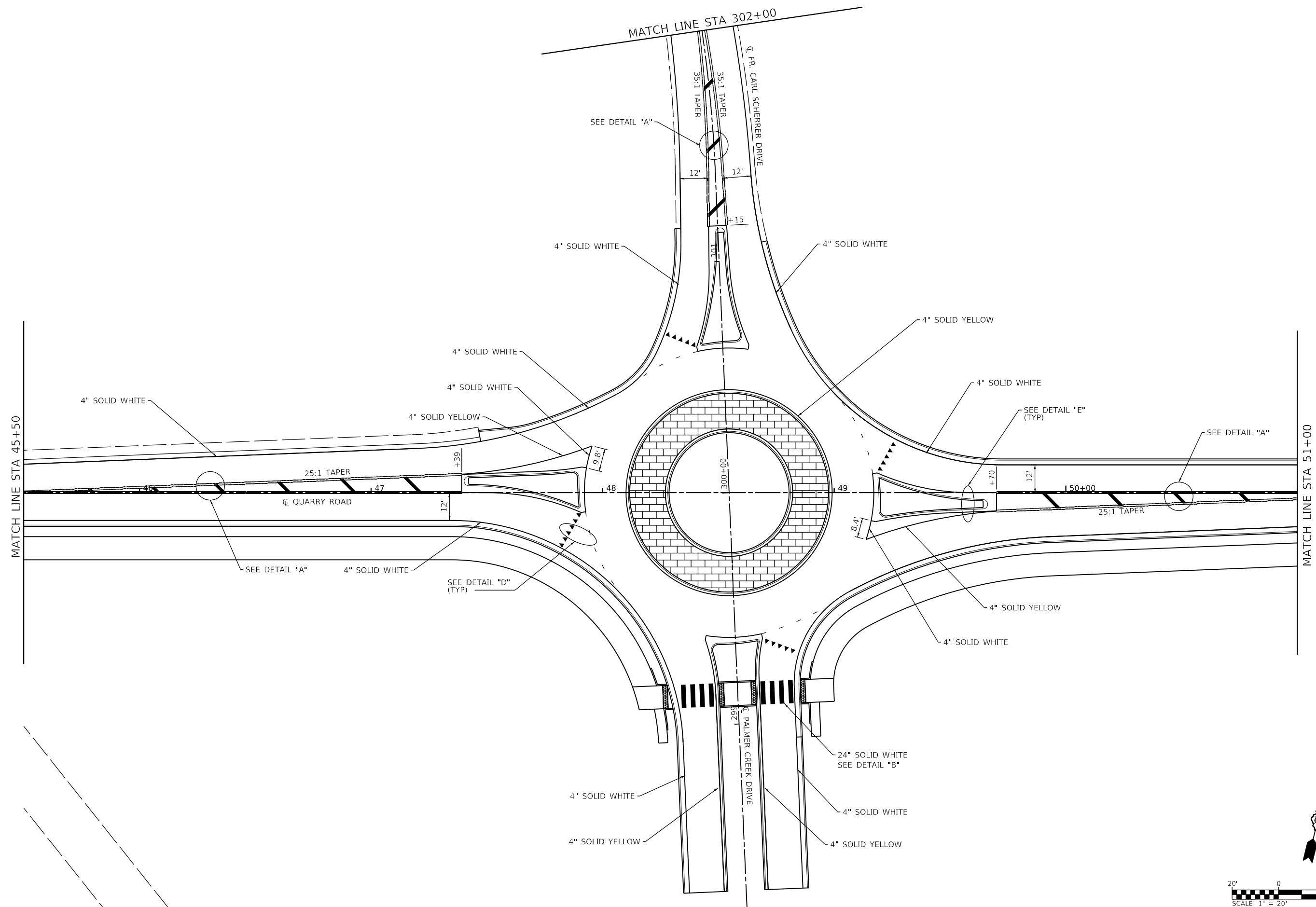
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PLOT SCALE = 10.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 10/14/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROUNDABOUT DETAILS	
SCALE: 1" = 5'	SHEET 7 OF 7 SHEETS STA. TO STA.

F.A.U. RTE. 9311	SECTION 18-00054-01-PV/ 19-00054-02-R5	COUNTY MONROE	TOTAL SHEETS 60	SHEET NO. 42
CONTRACT NO. 97767				
ILLINOIS FED. AID PROJECT				

MODEL: Sheet 1 - PMK
 FILE NAME: I:\181724 - Columbus Quarry\6\CADD\Microstation\PH II_CADD_Sheets\08181724-1-PMK-Sht-PMK.dgn



USER NAME = brian.heil
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 PLOT DATE = 10/14/2021

DESIGNED -	REVISD -
DRAWN -	REVISD -
CHECKED -	REVISD -
DATE -	REVISD -

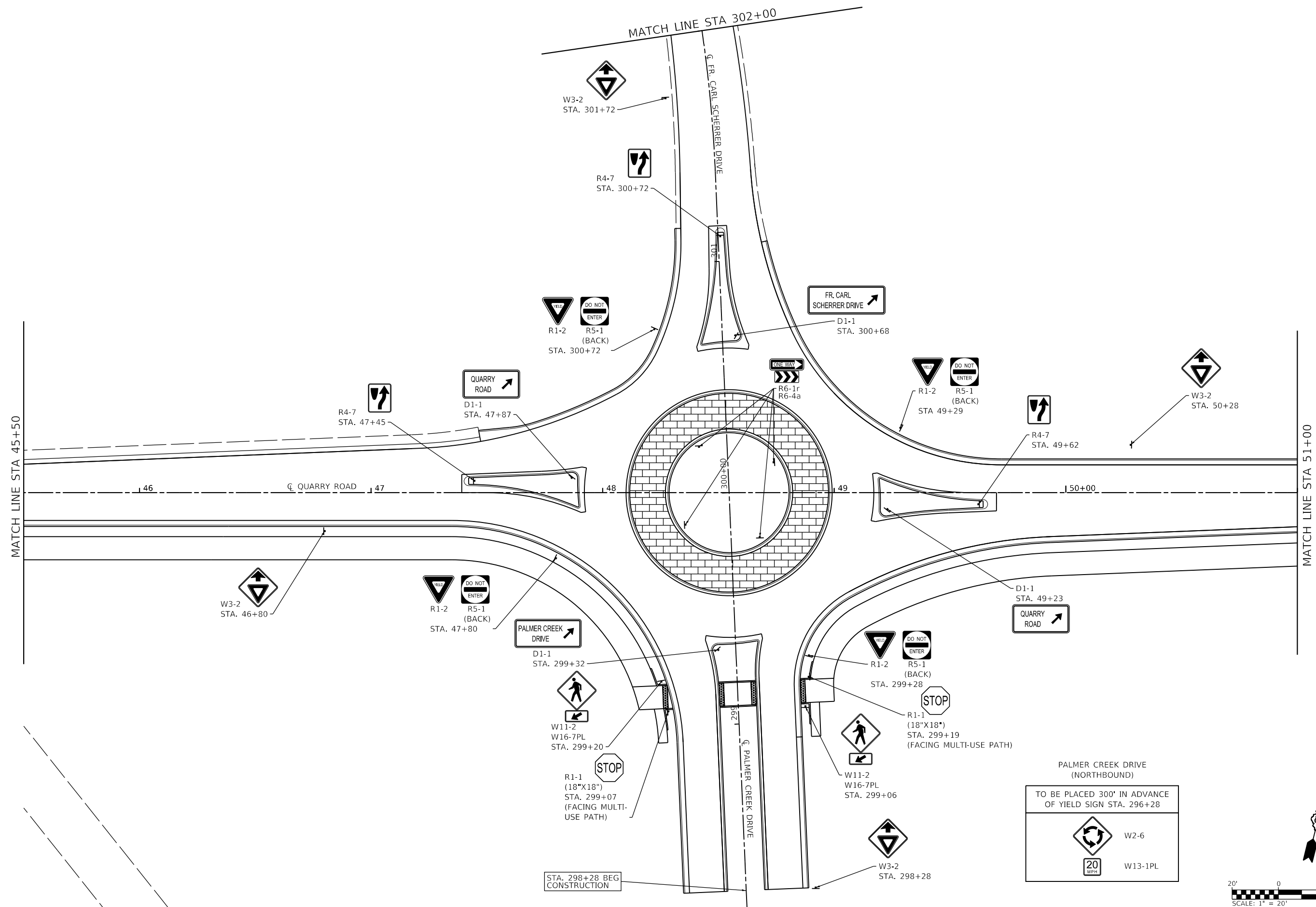
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING & SIGNING SHEETS

SCALE: 1" = 20' SHEET 1 OF 6 SHEETS STA. 45+50 TO STA. 51+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9311	18-00054-01-PV/ 19-00054-02-R5	MONROE	60	43
CONTRACT NO. 97767			ILLINOIS FED. AID PROJECT	

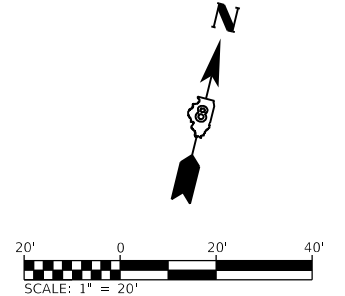
MODEL Sheet 2 - Sign
 FILE NAME: I:\18724 - Columbus Quarry\8\CADD\Microstation\PH II CADD - Sheets\0818724-14-PAVE-Sign_PMK_Sign.dgn



PALMER CREEK DRIVE
(NORTHBOUND)

TO BE PLACED 300' IN ADVANCE
OF YIELD SIGN STA. 296+28

	W2-6
	W13-1PL

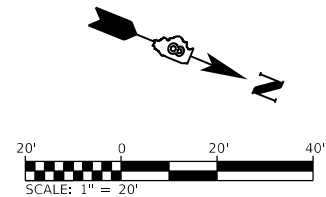
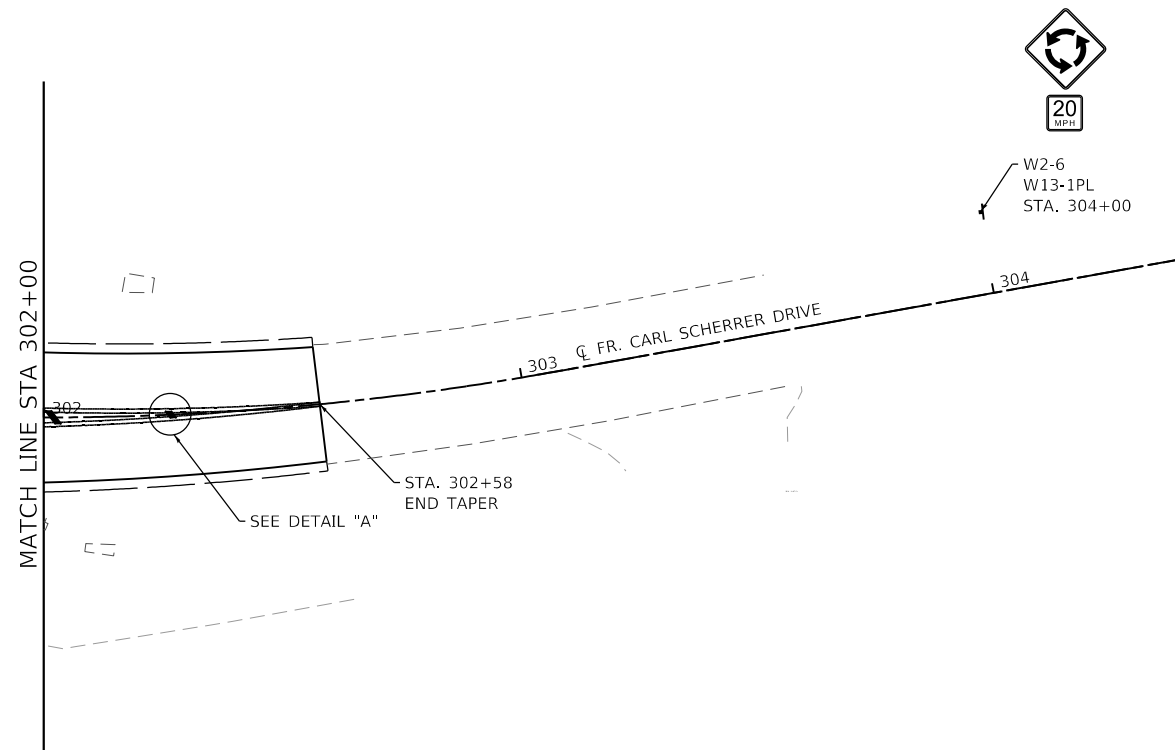
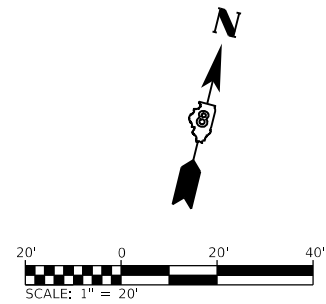
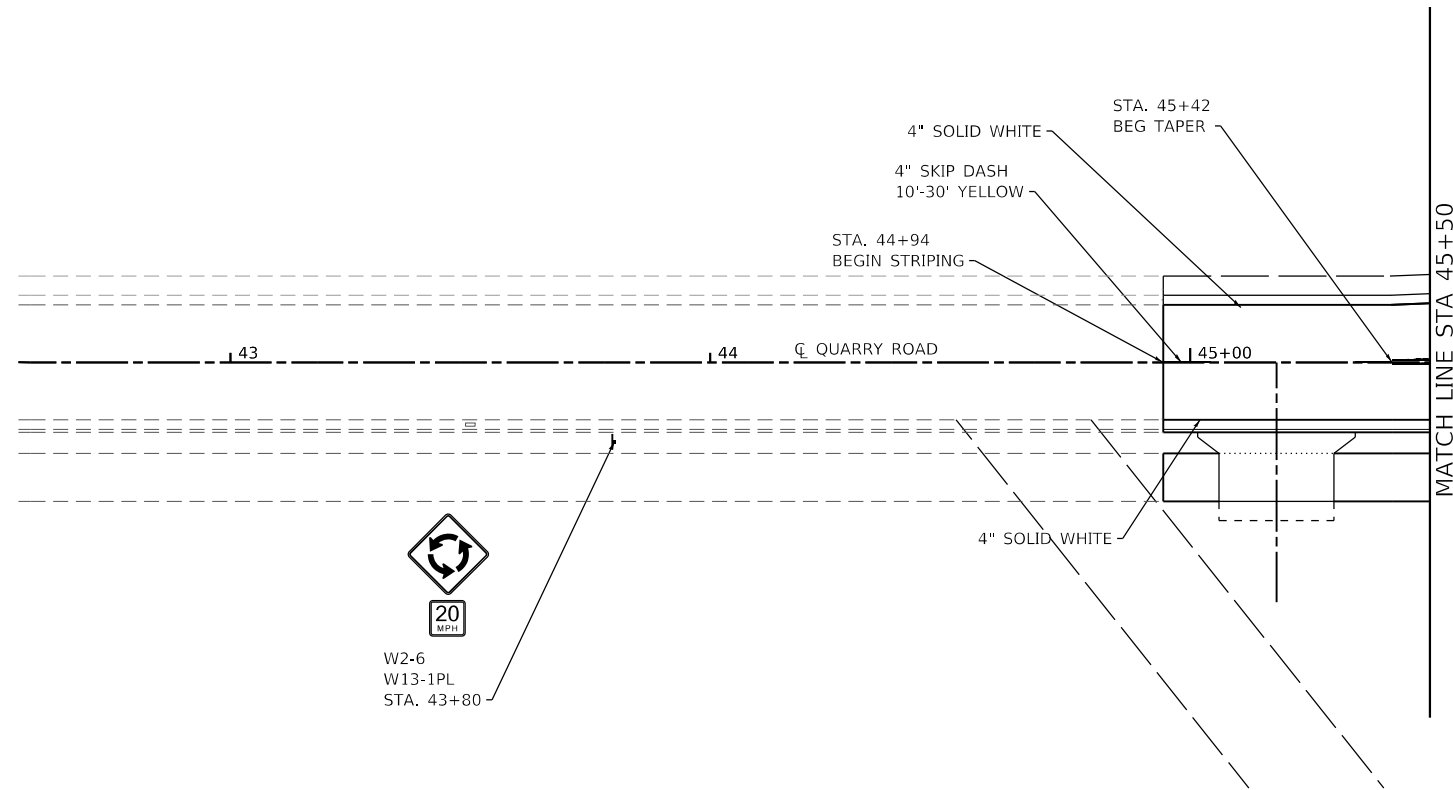


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PLOT SCALE = 40.0000 ' / in.	DRAWN -	REVISED -
DATE = 10/14/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING & SIGNING SHEETS			
SCALE: 1" = 20'	SHEET 2 OF 6 SHEETS	STA. 45+50 TO STA. 51+00	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9311	18-00054-01-PV/ 19-00054-02-R5	MONROE	60	44
			CONTRACT NO. 97767	
ILLINOIS FED. AID PROJECT				



MODEL: Sheet 3
 FILE NAME: I:\R18124 - Columbus Quarry\B\CADD\Microstation\PH II_CADD_Sheets\0818124-14-PAVE-Signs_PMK_Shm.dgn



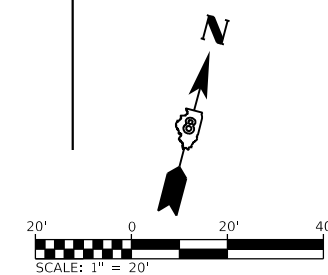
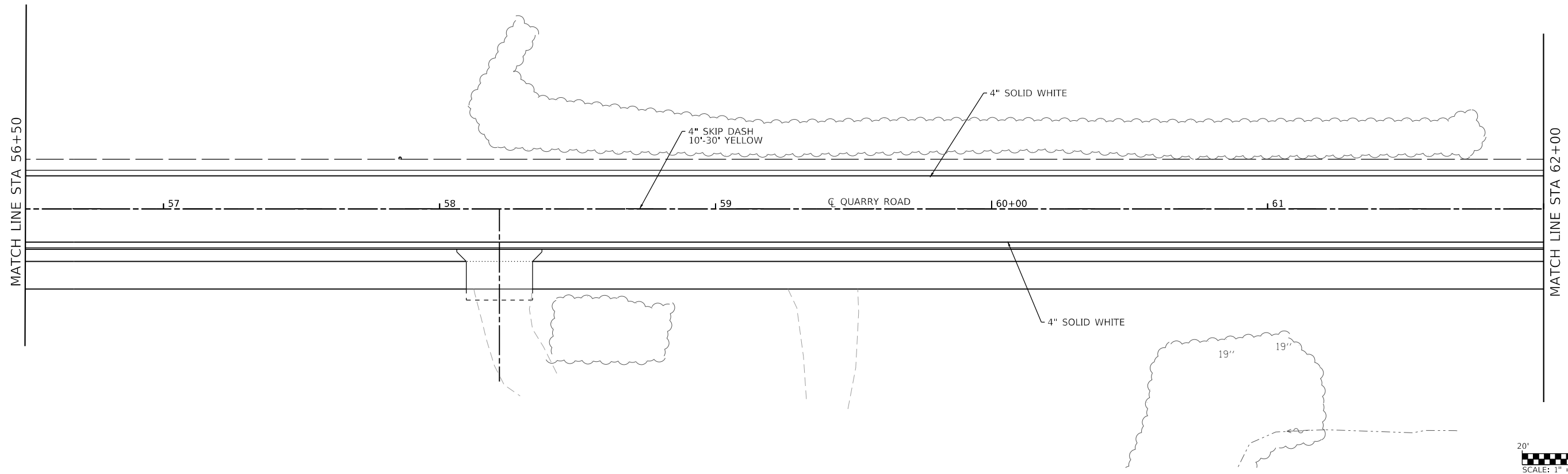
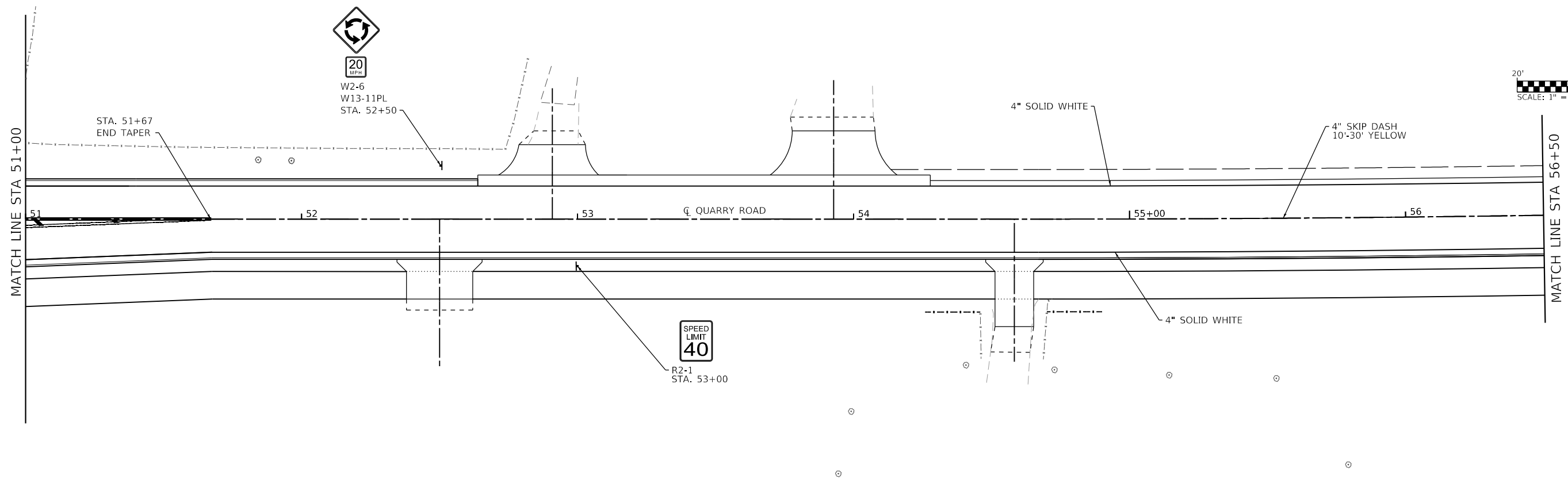
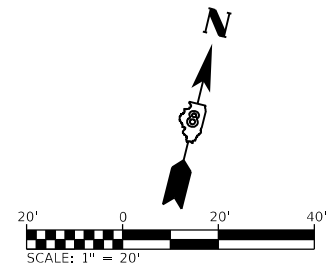
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PLOT SCALE = 40.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 10/14/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING & SIGNING SHEETS

SCALE: 1"=20' SHEET 3 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9311	18-00054-01-PV/ 19-00054-02-R5	MONROE	60	45
CONTRACT NO. 97767				
ILLINOIS FED. AID PROJECT				



MODEL: Sheet 4
 FILE NAME: I:\R18124 - Columbus Quarry 8\CADD\Microstation\PH II CADD_Sheets\0818124-14-PAVE-Sign-RMK_Sign.dgn



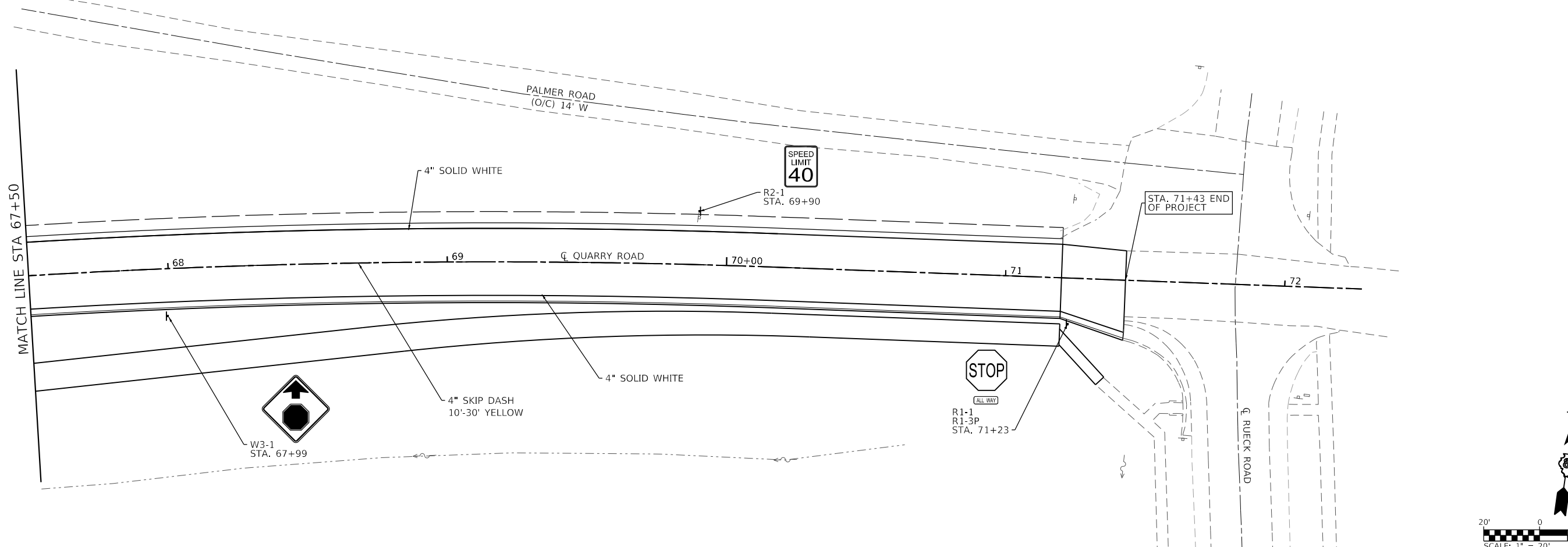
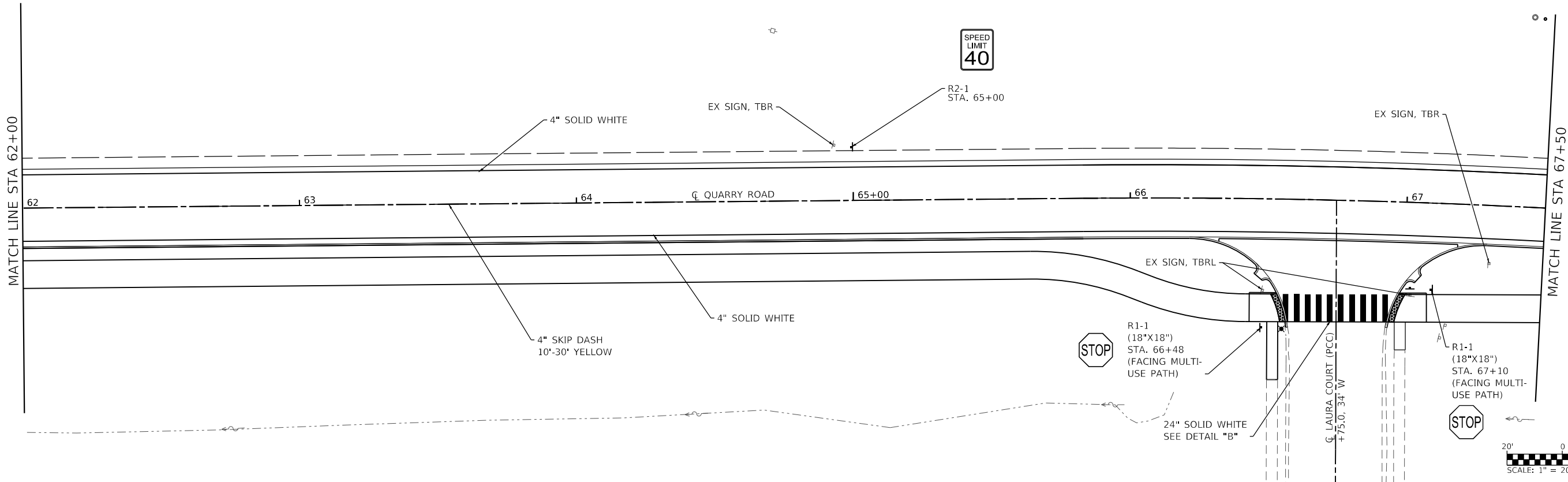
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PLOT DATE = 10/14/2021	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING & SIGNING SHEETS

SCALE: 1"=20' SHEET 4 OF 6 SHEETS STA. 51+00 TO STA. 62+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9311	18-00054-01-PV/ 19-00054-02-RS	MONROE	60	46
CONTRACT NO. 97767				
ILLINOIS FED. AID PROJECT				



MODEL SHEET 5
 FILE NAME: I:\R18124 - Columbus Quarry 8\CADD\Microstation\PH II CADD_Sheets\0818124-14-PAVE-Sign-RMK-Sheet.dgn



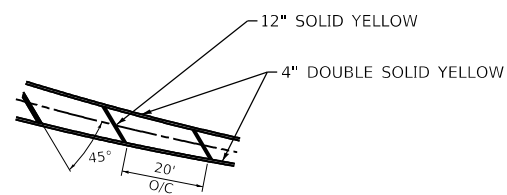
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PLOT SCALE =	40.0000 ' / in.
PLOT DATE =	10/14/2021

DESIGNED -	REVISD -
DRAWN -	REVISD -
CHECKED -	REVISD -
DATE -	REVISD -

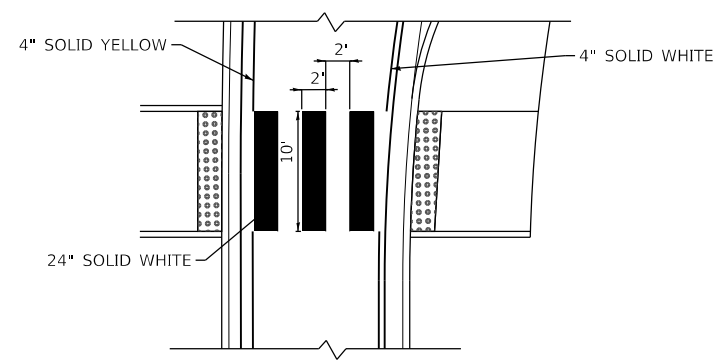
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING & SIGNING SHEETS
 SCALE: 1"=20' SHEET 5 OF 6 SHEETS STA. 62+00 TO STA. 71+36

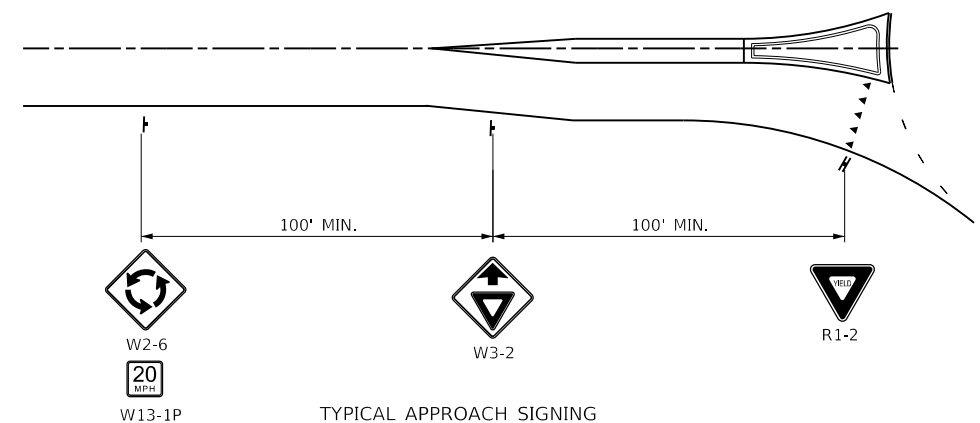
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9311	18-00054-01-PV/ 19-00054-02-R5	MONROE	60	47
CONTRACT NO. 97767				
ILLINOIS FED. AID PROJECT				



DETAIL "A"
(NOT TO SCALE)



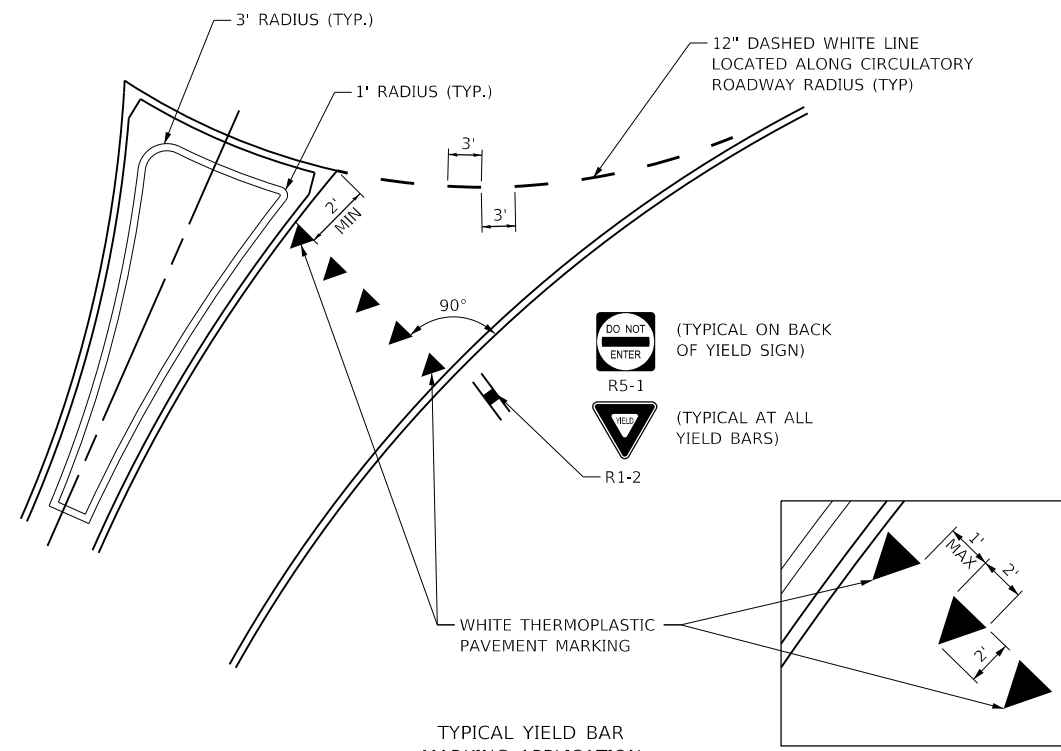
DETAIL "B"
(NOT TO SCALE)



TYPICAL APPROACH SIGNING

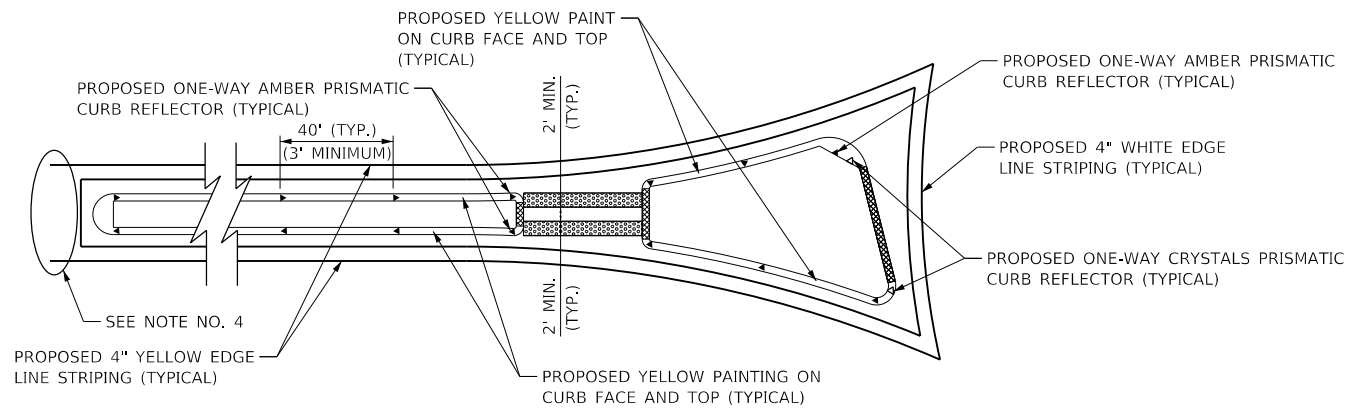
- NOTES:
- 100' MINIMUM FROM YIELD AHEAD SIGN (W3-2A) OR END OF SPLITTER ISLAND, WHICHEVER IS GREATER DISTANCE FROM THE INTERSECTION.

DETAIL "C"
(NOT TO SCALE)



TYPICAL YIELD BAR MARKING APPLICATION

DETAIL "D"
(NOT TO SCALE)



TYPICAL PRISMATIC REFLECTORS, STRIPING AND CURB PAINTING AROUND SPLITTER ISLANDS

- NOTES:
- PRISMATIC REFLECTORS SHALL BE MONO-DIRECTIONAL AND POSITIONED SO THAT THE REFLECTIVE FACE IS FACING THE APPROACHING TRAFFIC.
 - PRISMATIC REFLECTORS SHALL BE CRYSTAL OR AMBER IN COLOR.
 - ▷ ONE-WAY CRYSTAL PRISMATIC CURB REFLECTOR
 - ▶ ONE-WAY AMBER PRISMATIC CURB REFLECTOR
 - CURB FACE AND TOP SHALL BE PAINTED AS PER THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION". SPLITTER ISLANDS AND MEDIAN SURFACES CAN BE UNPAINTED OR IF PAINTED, SHALL NOT BE SIMILAR COLOR TO THE TRUCK APRONS.
 - WHITE PAINTING ON CURB FACE AND TOP
 - SEE PAVEMENT MARKING PLANS FOR PAVEMENT MARKINGS IN THE VICINITY OF THE SPLITTER ISLANDS.

DETAIL "E"
(NOT TO SCALE)

MODEL: Sheet 6 - Detail
FILE NAME: 18-00054-02-R5.dwg
CADD: Sheets\08181224 - Columbus Quarry 80\CADD\Microstation\PH II CADD - Sheets\08181224-14-PAVE-SIG-RMK-Sign.dgn



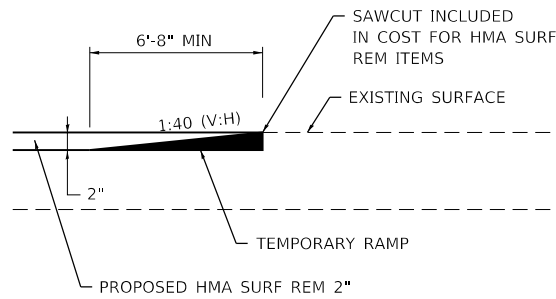
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PLOT DATE = 10/14/2021	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

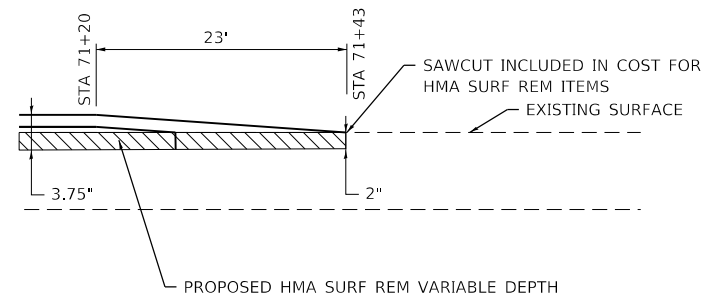
PAVEMENT MARKING & SIGNING SHEETS

SCALE: 1" = 20' SHEET 6 OF 6 SHEETS STA. 45+50 TO STA. 51+00

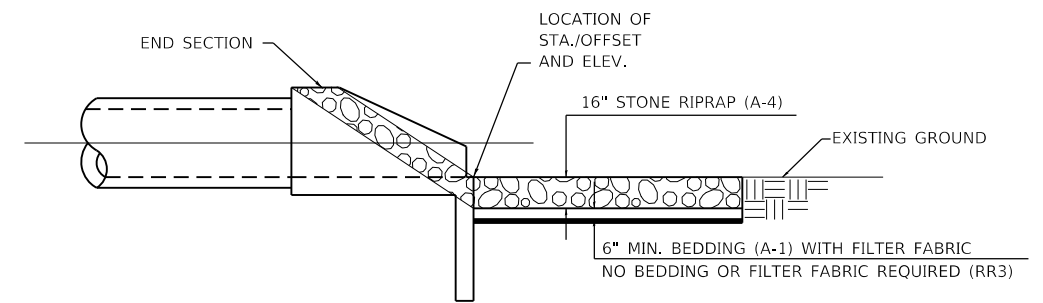
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9311	18-00054-01-PV/ 19-00054-02-R5	MONROE	60	48
CONTRACT NO. 97767				
ILLINOIS FED. AID PROJECT				



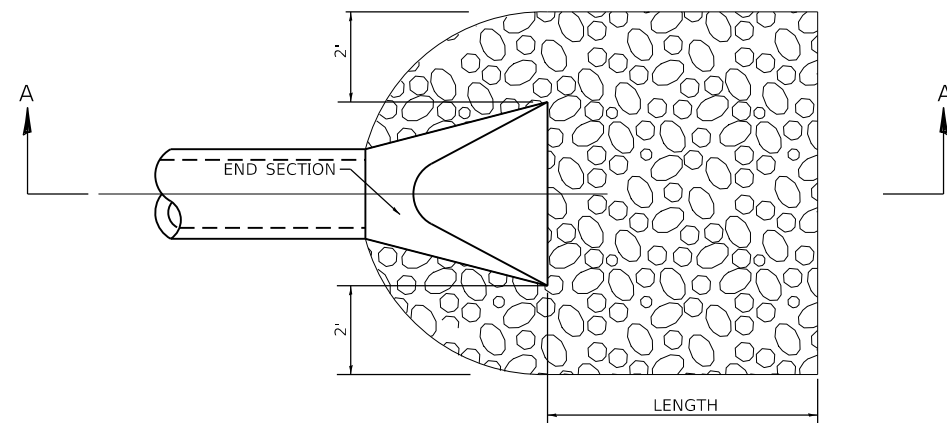
TEMPORARY RAMP DETAIL
(NOT TO SCALE)



END OF PROJECT TAPER DETAIL
(NOT TO SCALE)

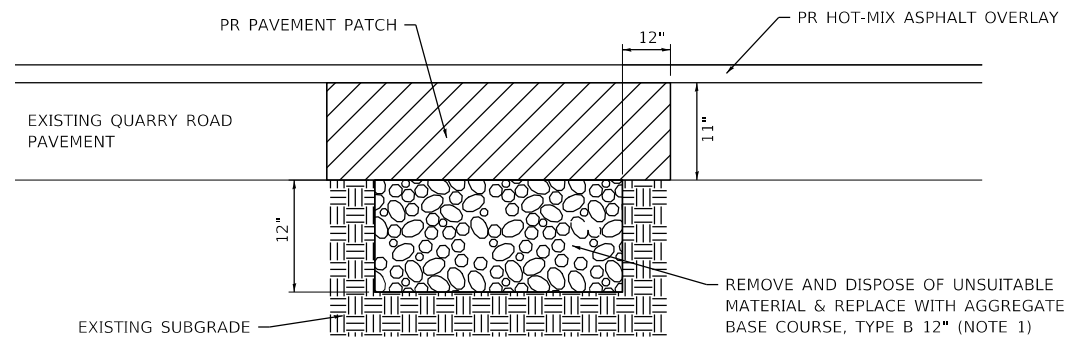


SECTION A-A



SEE PLAN & PROFILE SHEETS
FOR LENGTH OF PROTECTION

PIPE CULVERT



PAVEMENT PATCHING
(NOT TO SCALE)

PATCHING NOTES:

1. THE ENGINEER IN THE FIELD WILL DETERMINE WHICH PATCHES (IF ANY) REQUIRE THIS WORK. A QUANTITY FOR THIS SUBGRADE REMEDIATION WORK IS INCLUDED IN THE CONTRACT.

TYPICAL RIPRAP DETAIL

MODEL: Default
FILE NAME: I:\18124 - Columbus Quarry 8\CAD\Microstation\PH II CAD - Sheets\0818124-1-Sht-Detail.dgn



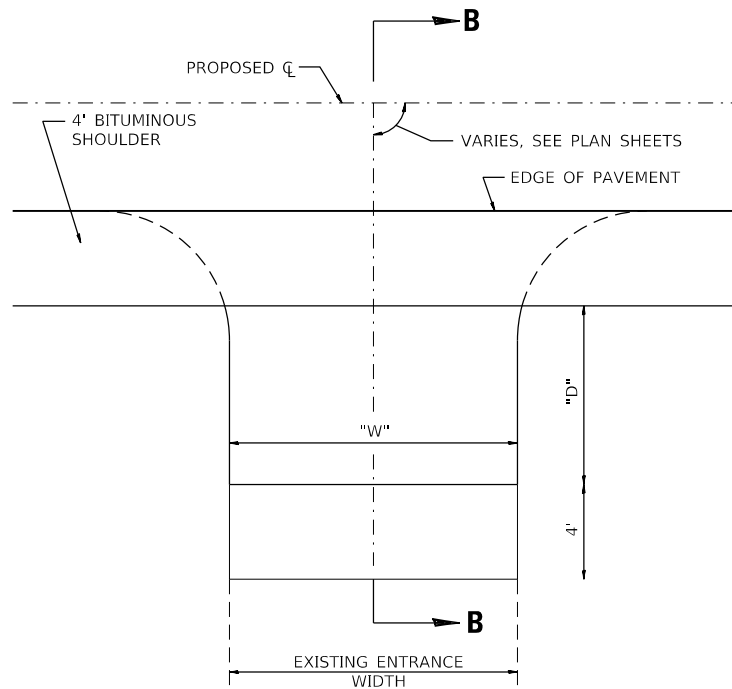
USER NAME = brian.heil	DESIGNED -	REVISED -
PLOT SCALE = 2,000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/14/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

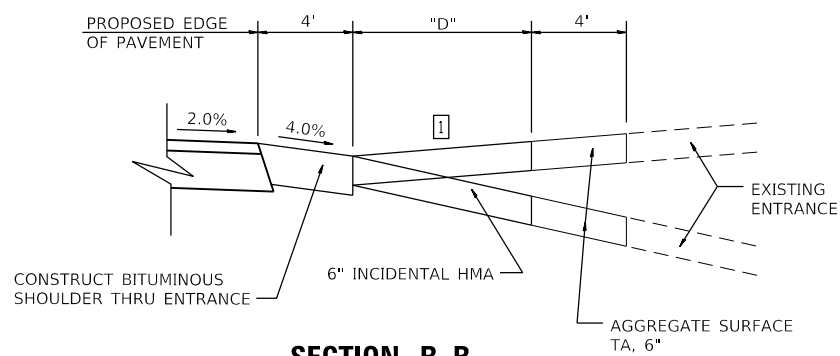
CONSTRUCTION DETAILS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9311	18-00054-01-PV/ 19-00054-02-R5	MONROE	60	49
			CONTRACT NO. 97767	
		ILLINOIS	FED. AID PROJECT	



PLAN VIEW



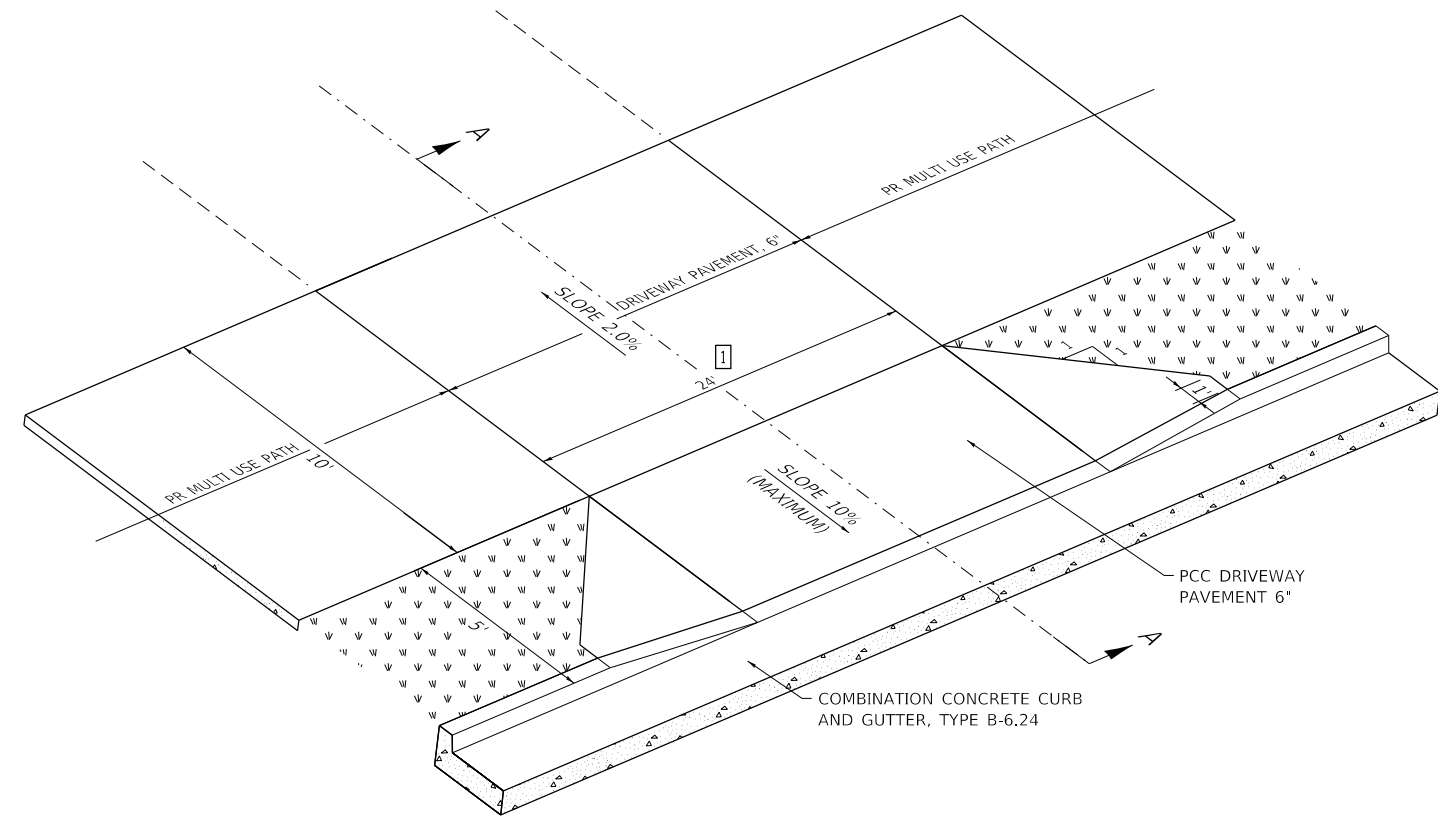
SECTION B-B

1 SEE CROSS SECTIONS FOR SLOPE
SEE PLANS FOR EXISTING SURFACE TYPE

PRIVATE ENTRANCE ADJACENT TO BITUMINOUS SHOULDER

(NOT TO SCALE)

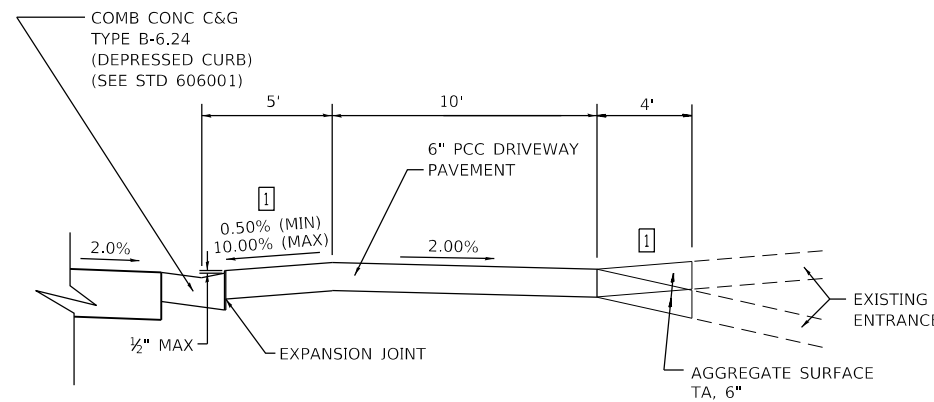
STA. 52+91 LT
STA. 53+93 LT



3-D VIEW

(NOT TO SCALE)

1 14' AT STA 54+48



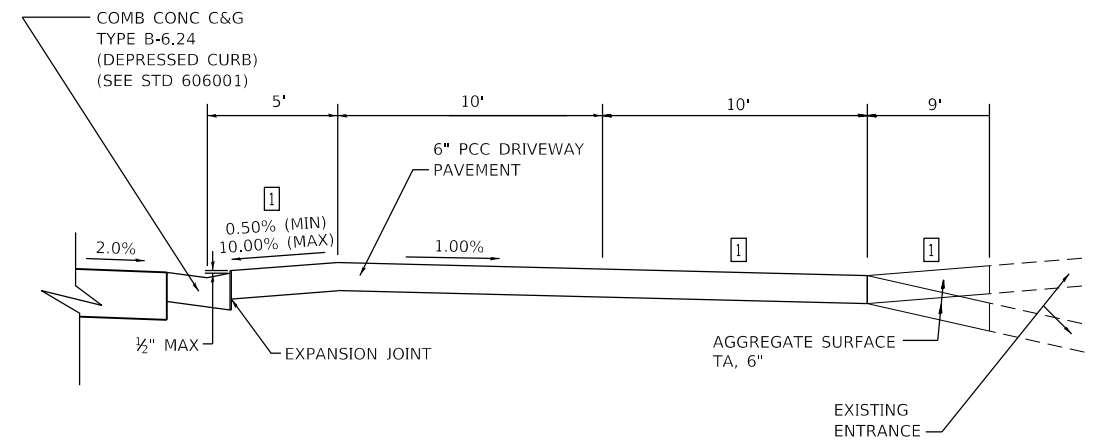
SECTION A-A

1 SEE CROSS SECTIONS FOR SLOPE
SEE PLANS FOR EXISTING SURFACE TYPE

FIELD ENTRANCE WITH PROPOSED MULTI USE PATH

(NOT TO SCALE)

STA. 45+18 RT
STA. 52+50 RT
STA. 58+21.5 RT



SECTION A-A

1 SEE CROSS SECTIONS FOR SLOPE
SEE PLANS FOR EXISTING SURFACE TYPE

PRIVATE ENTRANCE WITH PROPOSED MULTI USE PATH

(NOT TO SCALE)

STA. 54+58 RT

MODEL: Default
FILE NAME: I:\18124 - Columbus Quarry 8\CADD\Microstation\PH II CADD Sheets\0818124-15-18-Corridor.dgn



USER NAME = brian.heil	DESIGNED -	REVISED -
PLOT SCALE = 2,000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/14/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CONSTRUCTION DETAILS

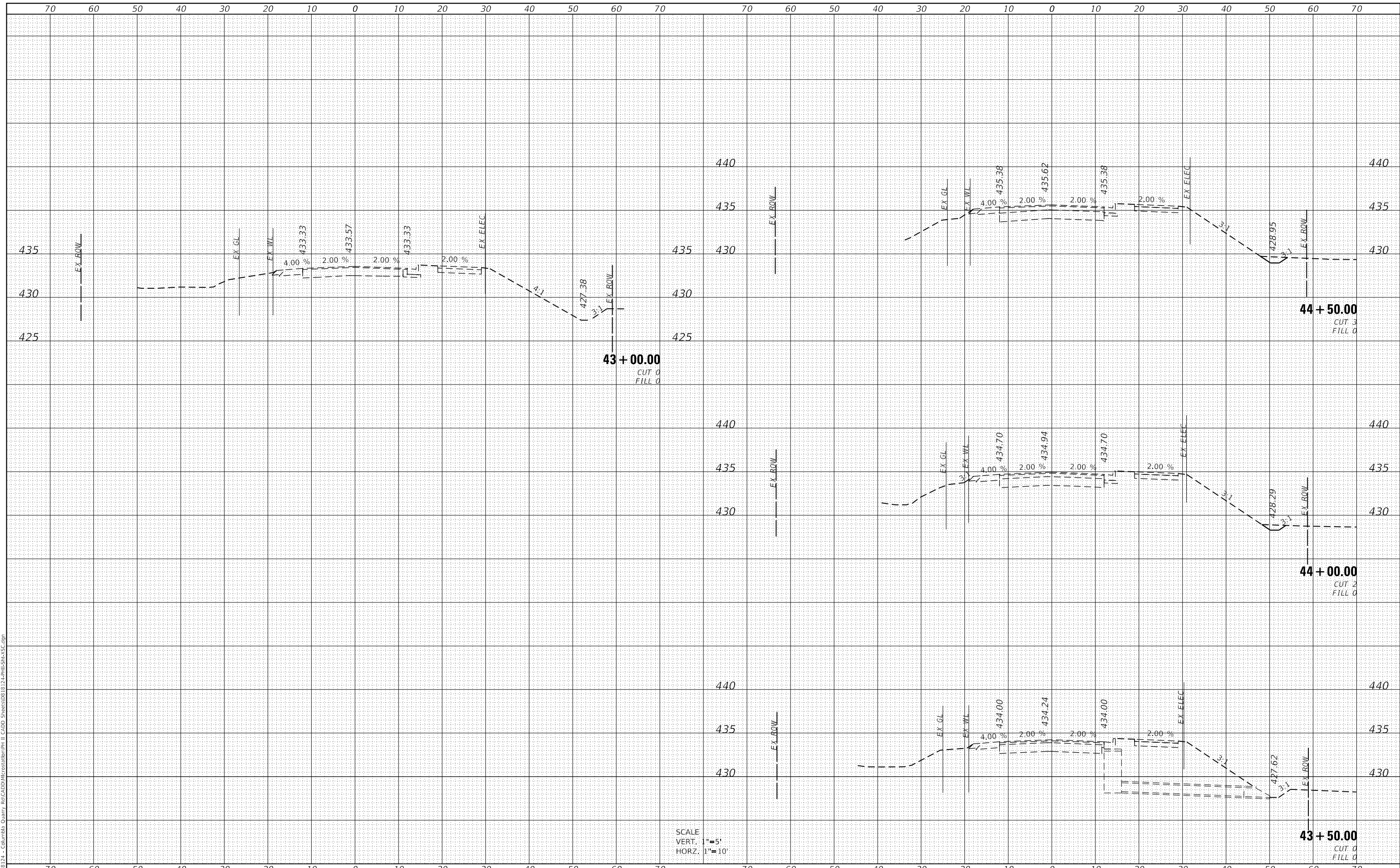
SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9311	18-00054-01-PV/ 19-00054-02-R5	MONROE	60	50
CONTRACT NO. 97767			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: Definit
 FILE NAME: 18-00054-02-R5 - Columbia Quarry Re-CADD/Modification/PH II CADD Sheets/08/19/19-Phils-Shirley-VSC.dgn



SCALE
 VERT. 1"=5'
 HORZ. 1"=10'

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTION SHEETS
 QUARRY ROAD**

SCALE: SHEET 1 OF 9 SHEETS STA. 43+00 TO STA. 44+50

USER NAME = briar,heil	DESIGNED -	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/14/2021	CHECKED -	REVISED -
	DATE -	REVISED -

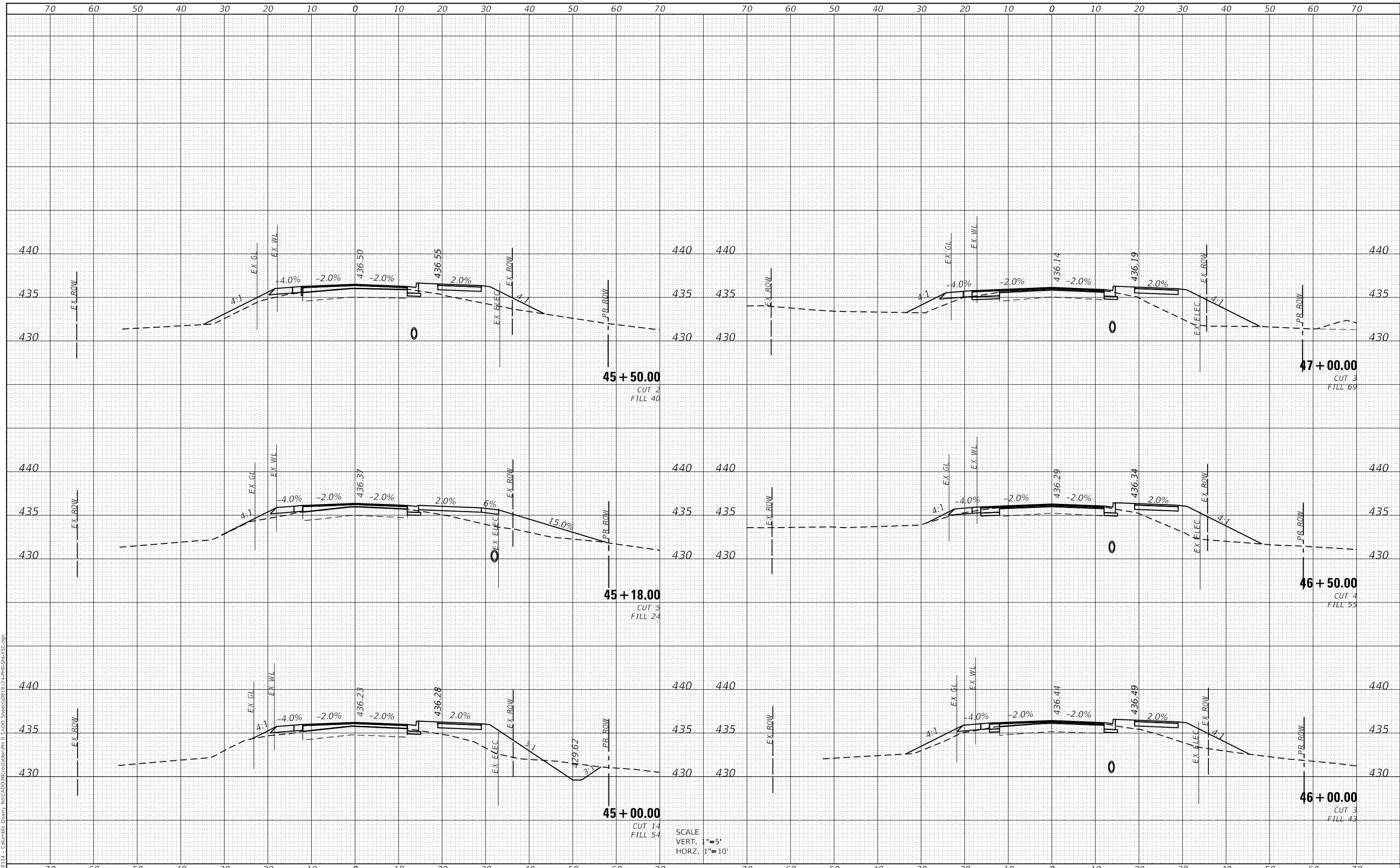
F.A.U. RTE. 9311	SECTION 18-00054-01-PV/ 19-00054-02-R5	COUNTY MONROE	TOTAL SHEETS 60	SHEET NO. 51
CONTRACT NO. 97767			ILLINOIS FED. AID PROJECT	



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: Definit
 FILE NAME: H:\18124 - Columbia Quarry Re-CADD\18124-01-PV-19-00054-02-R5.dgn



SCALE
 VERT. 1"=5'
 HORZ. 1"=10'

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTION SHEETS
 QUARRY ROAD**

USER NAME =	brian.heil	DESIGNED -	REVISD -
		DRAWN -	REVISD -
PLOT SCALE =	20.0000' / in.	CHECKED -	REVISD -
PLOT DATE =	10/14/2021	DATE -	REVISD -

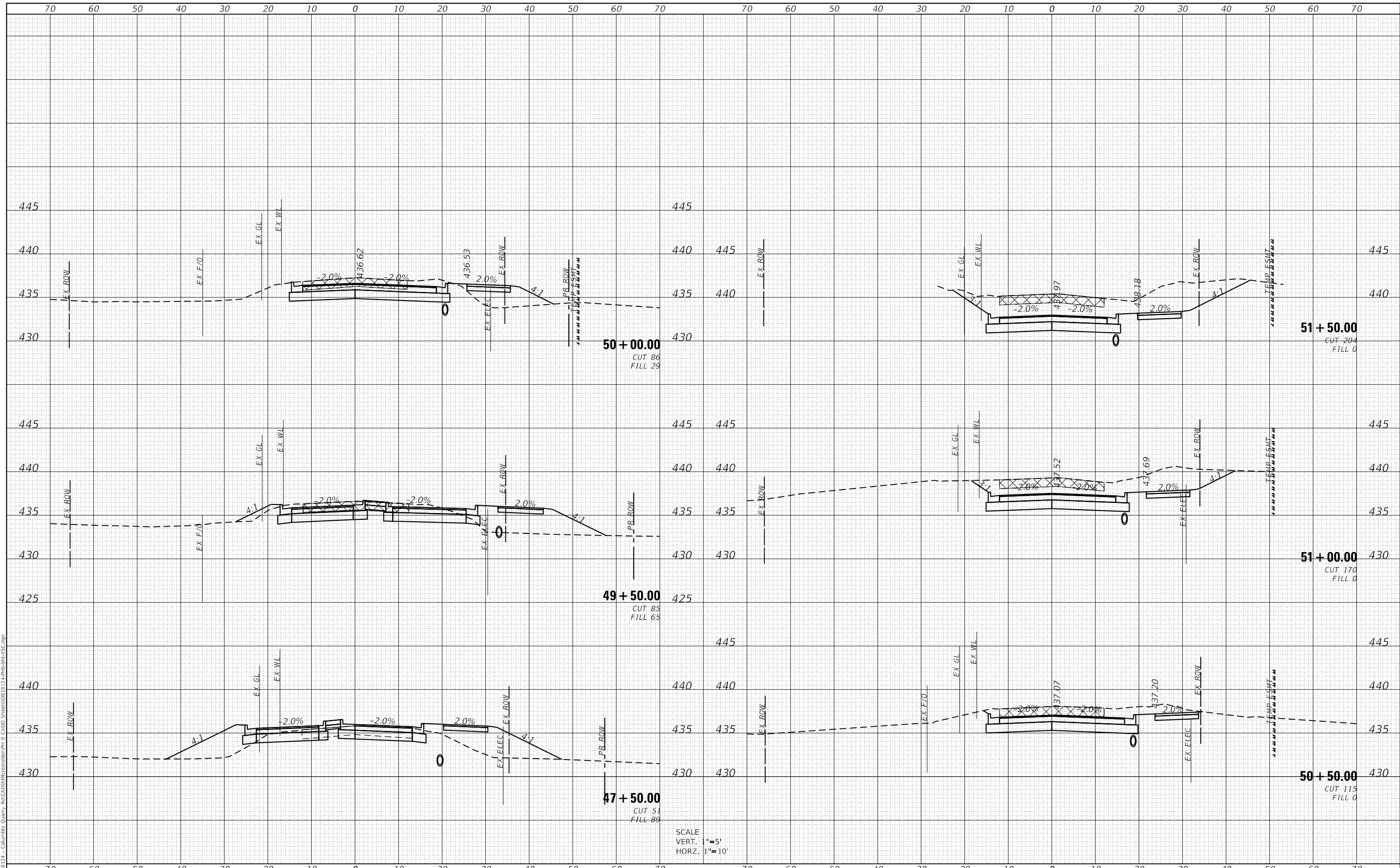
SCALE: SHEET 2 OF 9 SHEETS STA. 45+00.00 TO STA. 47+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9311	18-00054-01-PV/ 19-00054-02-R5	MONROE	60	52
CONTRACT NO. 97767			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: Definit
 FILE NAME: H:\18124 - Columbia Quarry Re-CADD\Information\PH II CADD Sheets\08 B\12-Phils-Shir-VS-Cogn



SCALE
 VERT. 1"=5'
 HORZ. 1"=10'



USER NAME = briar,heil	DESIGNED -	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/14/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTION SHEETS
 QUARRY ROAD**

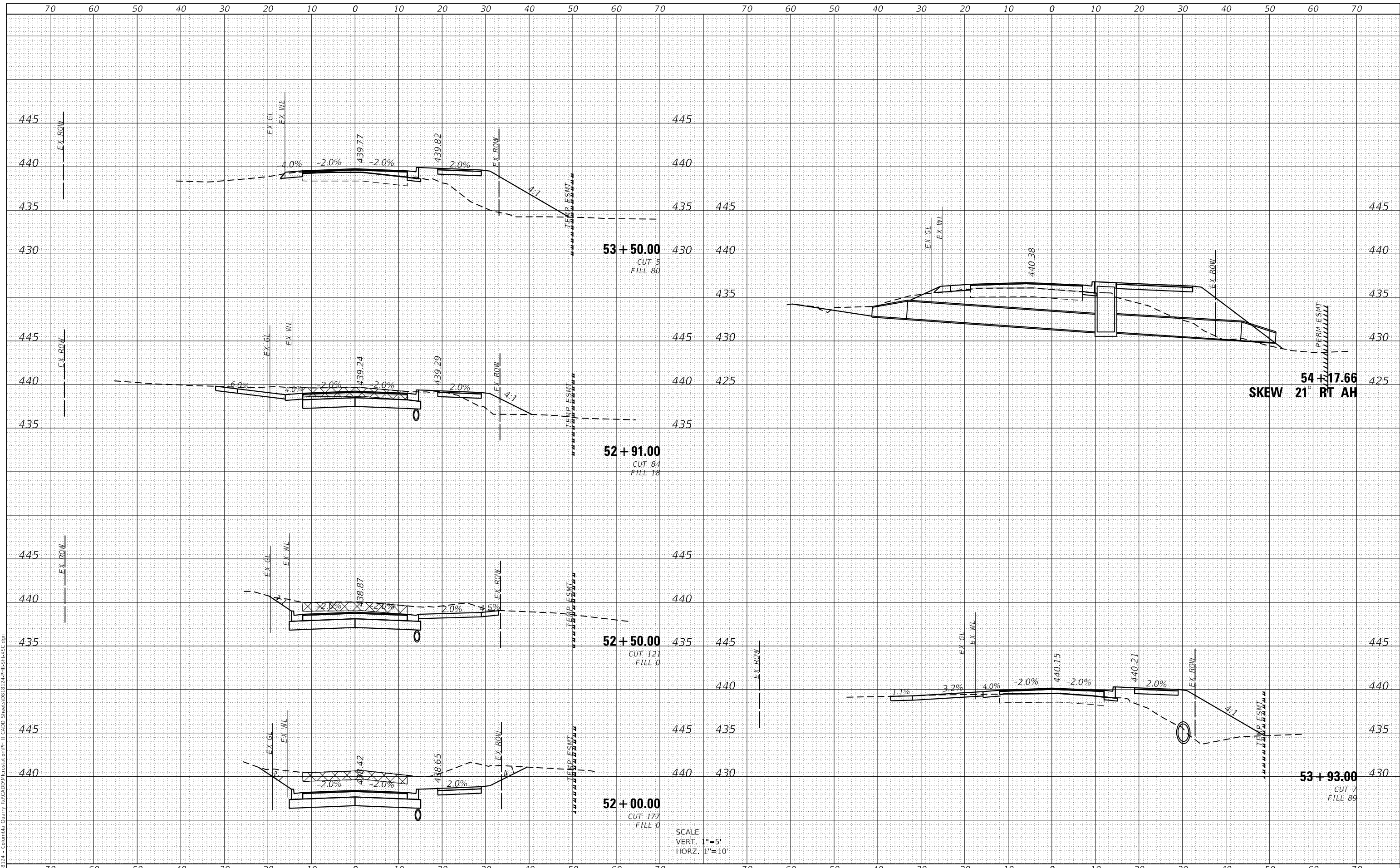
SCALE: SHEET 3 OF 9 SHEETS STA. 47+50.00 TO STA. 51+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9311	18-00054-01-PV/ 19-00054-02-R5	MONROE	60	53
CONTRACT NO. 97767			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: Definit
 FILE NAME: H:\18124 - Columbia Quarry 26\CADD\Information\PH II CADD Sheets\08 B 12-14-Phils-Shiv-NC.dgn



USER NAME =	brian.heil	DESIGNED -	REVISD -
		DRAWN -	REVISD -
PLOT SCALE =	20.0000 ' / in.	CHECKED -	REVISD -
PLOT DATE =	10/14/2021	DATE -	REVISD -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTION SHEETS
QUARRY ROAD**

SCALE: SHEET 4 OF 9 SHEETS STA. 52+00.00 TO STA. 54+17.66

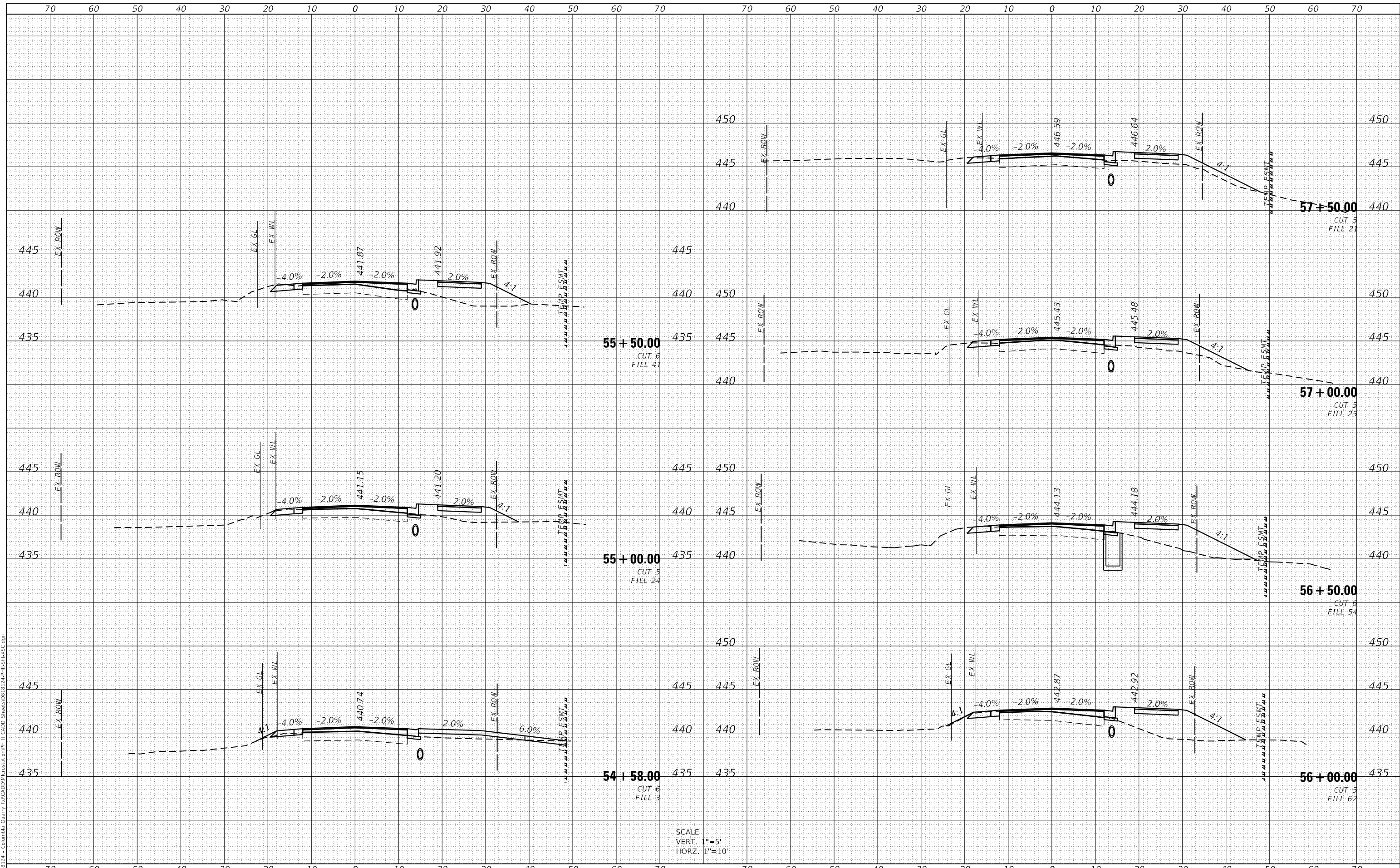
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9311	18-00054-01-PV/ 19-00054-02-R5	MONROE	60	54
			CONTRACT NO. 97767	

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: Definit
 FILE NAME: H:\18124 - Columbia Quarry Re-CADD\Information\PH II CADD Sheets\0818124-Phil-Shirley-SC.dgn



SCALE
 VERT. 1"=5'
 HORZ. 1"=10'



USER NAME =	brian.heil	DESIGNED -	REVISD -
		DRAWN -	REVISD -
PLOT SCALE =	20.0000' / in.	CHECKED -	REVISD -
PLOT DATE =	10/14/2021	DATE -	REVISD -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTION SHEETS
 QUARRY ROAD

SCALE: SHEET 5 OF 9 SHEETS STA. 54+58.00 TO STA. 57+50.00

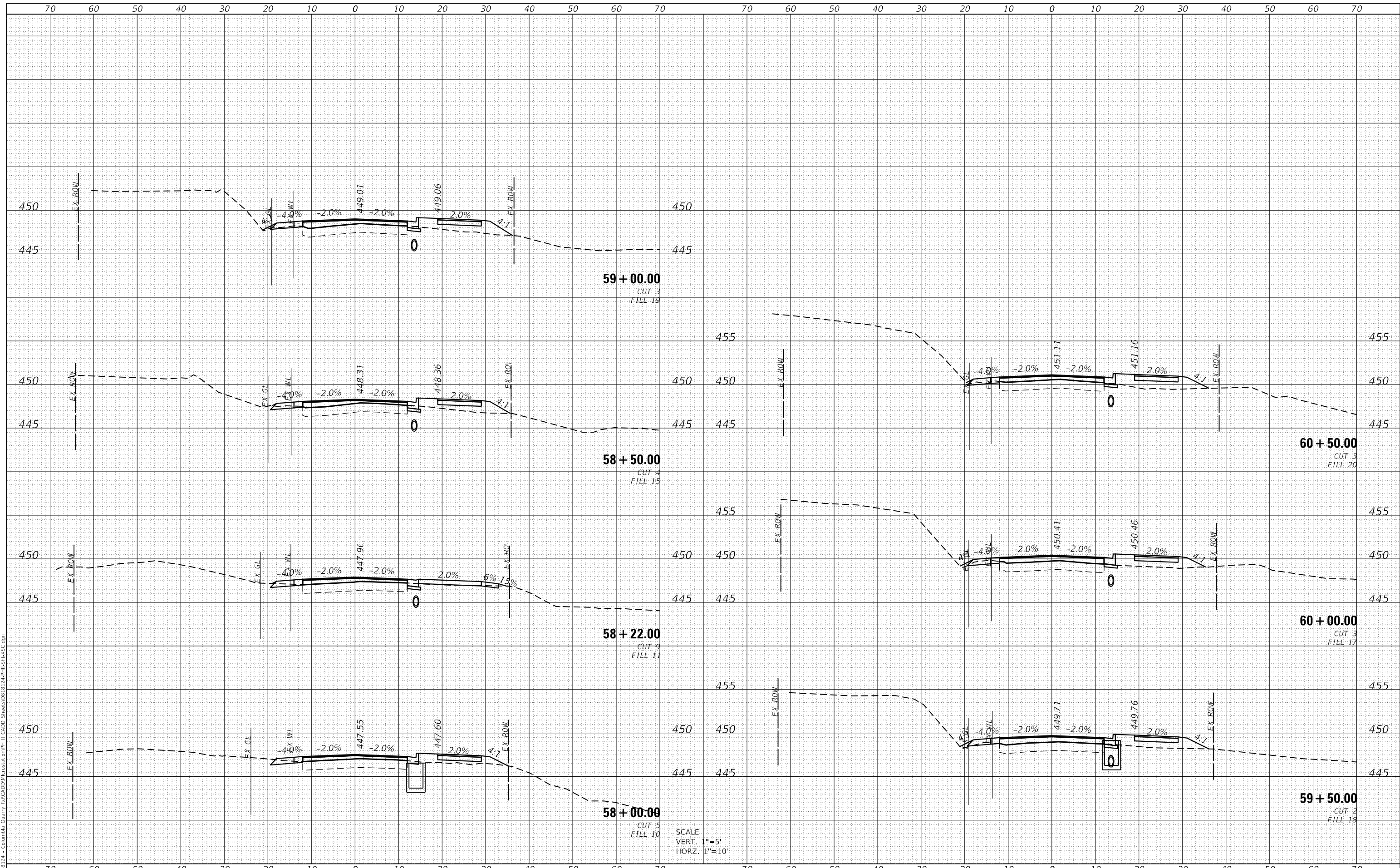
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9311	18-00054-01-PV/ 19-00054-02-R5	MONROE	60	55
CONTRACT NO. 97767				

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: Definit
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SCALE
 VERT. 1"=5'
 HORZ. 1"=10'



USER NAME = brian.heil	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/14/2021	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTION SHEETS
 QUARRY ROAD**

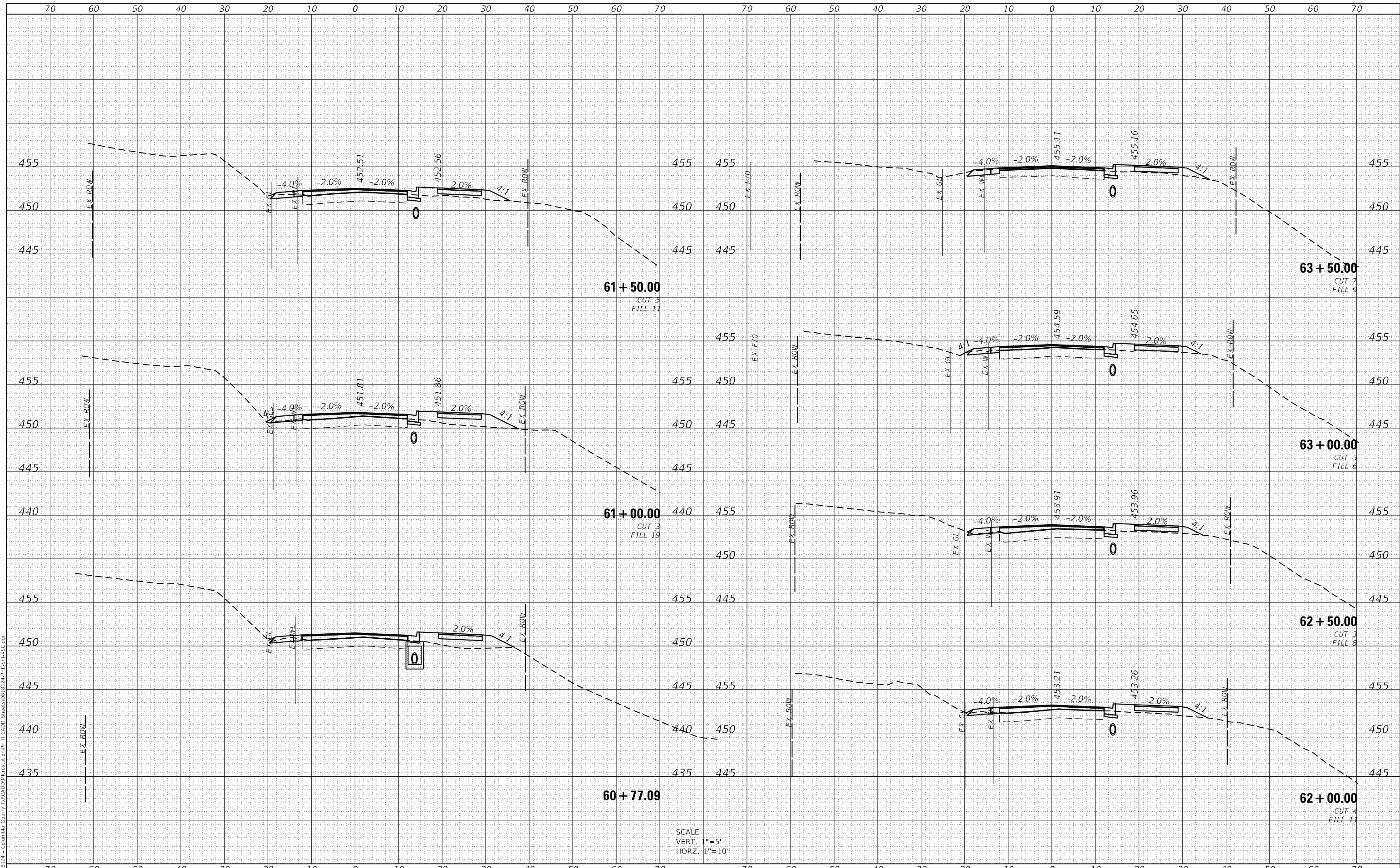
SCALE: SHEET 6 OF 9 SHEETS STA. 58+00.00 TO STA. 60+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9311	18-00054-01-PV/ 19-00054-02-R5	MONROE	60	56
CONTRACT NO. 97767			ILLINOIS FED. AID PROJECT	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

MODEL: Defaul
 FILE NAME: H:\18124 - Columbia Quarry Re-CADD\Information\PHI II CADD Sheets\08 B\12-Phill-Shir-VS.dgn



USER NAME = brian.heil	DESIGNED -	REVISD -
	DRAWN -	REVISD -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISD -
PLOT DATE = 10/14/2021	DATE -	REVISD -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

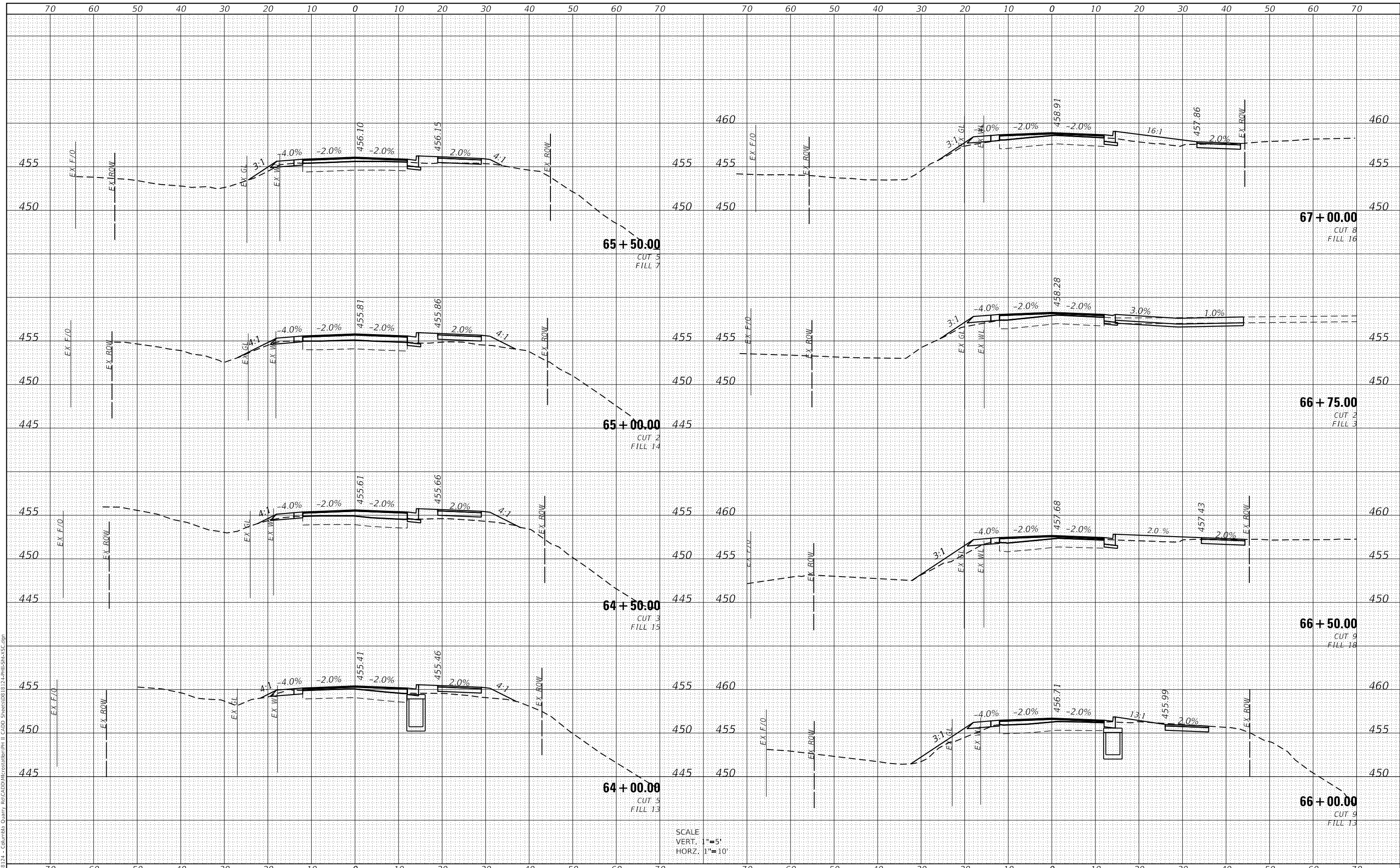
CROSS SECTION SHEETS		
QUARRY ROAD		
SCALE:	SHEET 7 OF 9 SHEETS	STA. 60+77.09 TO STA. 63+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9311	18-00054-01-PV/ 19-00054-02-R5	MONROE	60	57
CONTRACT NO. 97767			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: Definit
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USER NAME = brian.heil	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/14/2021	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

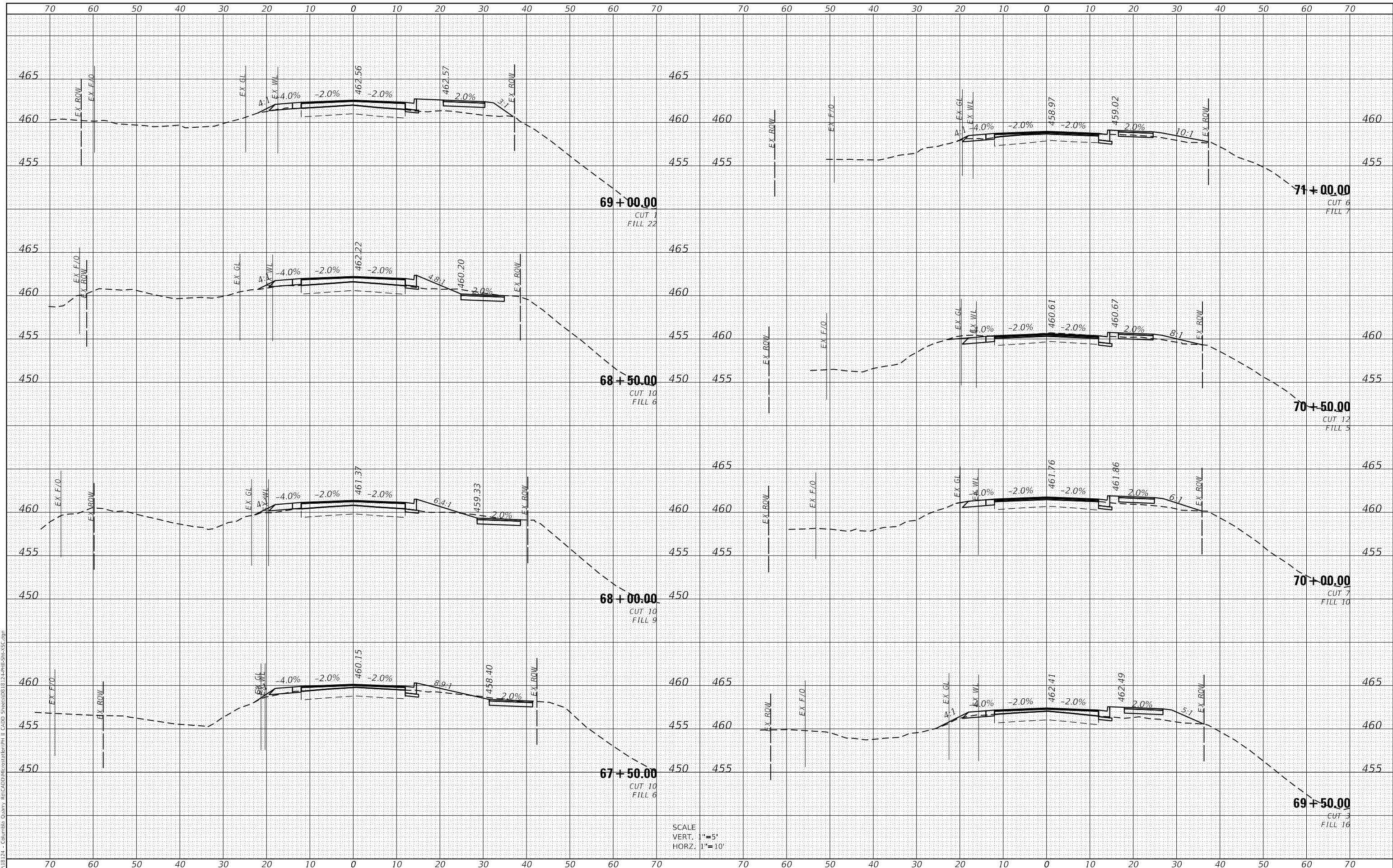
CROSS SECTION SHEETS		
QUARRY ROAD		
SCALE:	SHEET 8 OF 9 SHEETS	STA. 64+00.00 TO STA. 67+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9311	18-00054-01-PV/ 19-00054-02-R5	MONROE	60	58
CONTRACT NO. 97767			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:\18124 - Columbia Quarry Re-CAD\DWG\18124-11-CrossSectionPH1111.dwg
 USER: brian.heil



SCALE
 VERT. 1"=5'
 HORZ. 1"=10'



USER NAME = brian.heil	DESIGNED -	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/14/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTION SHEETS
 QUARRY ROAD**

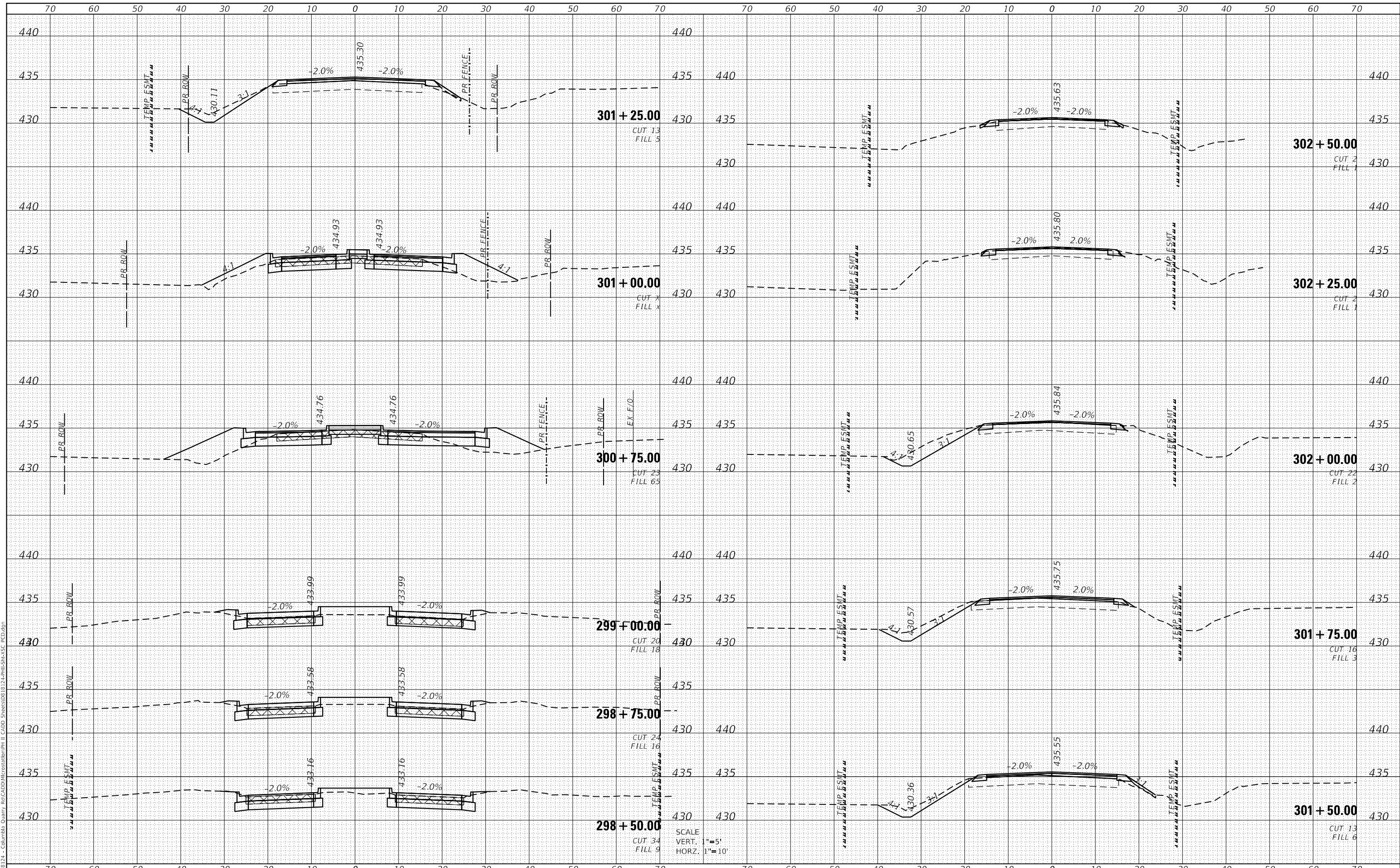
SCALE: SHEET 9 OF 9 SHEETS STA. 67+50.00 TO STA. 71+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9311	18-00054-01-PV/ 19-00054-02-R5	MONROE	60	59
CONTRACT NO. 97767			ILLINOIS FED. AID PROJECT	

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

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

MODEL: Definit
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USER NAME =	brian.heil	DESIGNED -	REVISD -
		DRAWN -	REVISD -
PLOT SCALE =	20.0000' / in.	CHECKED -	REVISD -
PLOT DATE =	10/14/2021	DATE -	REVISD -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTION SHEETS
 PALMER CREEK DRIVE**

SCALE: SHEET 1 OF 1 SHEETS STA. 298+50.00 TO STA. 302+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9311	18-00054-01-PV/ 19-00054-02-R5	MONROE	60	60
CONTRACT NO. 97767				
ILLINOIS FED. AID PROJECT				