

08-05-2022 LETTING ITEM 021

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

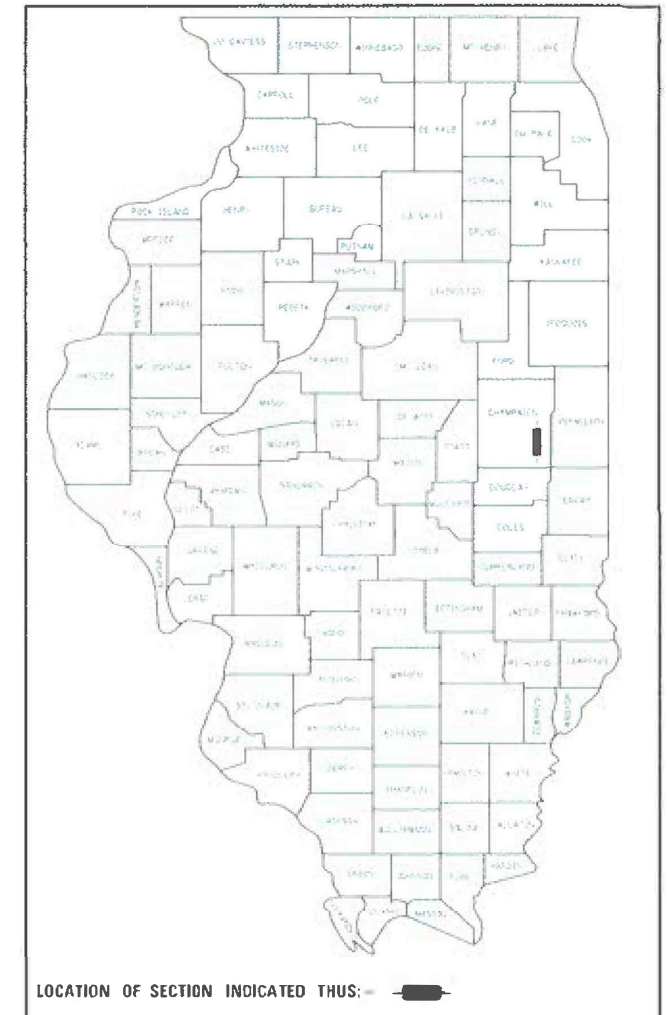
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1,119DR		CHAMPAIGN	74	1
ILLINOIS			CONTRACT NO. 70C07	

*FAS 1512 (US 150) & FAP 836 (IL 49)
D 95 031-18

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROPOSED HIGHWAY PLANS

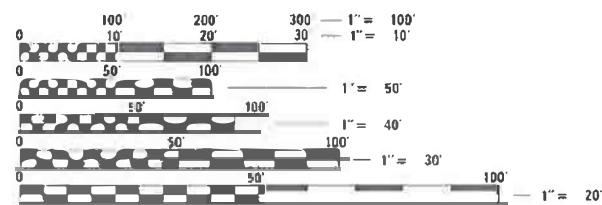
F.A.S. 1512 (U.S. 150) & F.A.P 836 (IL 49)
SECTION (1,119)DR
PROJECT STP - H7WJ(544)
DRAINAGE IMPROVEMENTS: CR2650E TO MARKET ST.
& US 150 TO PRAIRIE AVE. IN OGDEN
CHAMPAIGN COUNTY



CURRENT TRAFFIC DATA	
F.A.S. ROUTE 1512 (US 150)	
2017 ADT:	2750
2037 ADT:	3050
2037 DHV:	345
PU + PC% =	96.3 (2648)
SU% =	2.9 (80)
MU% =	0.8 (22)
F.A.P. ROUTE 836 (IL 49)	
2017 ADT:	3500
2037 ADT:	3850
2037 DHV:	360
PU + PC% =	86.3 (3021)
SU% =	5.1 (179)
MU% =	8.6 (300)

DESIGN DESIGNATION
MAJOR COLLECTOR

OGDEN TOWNSHIP

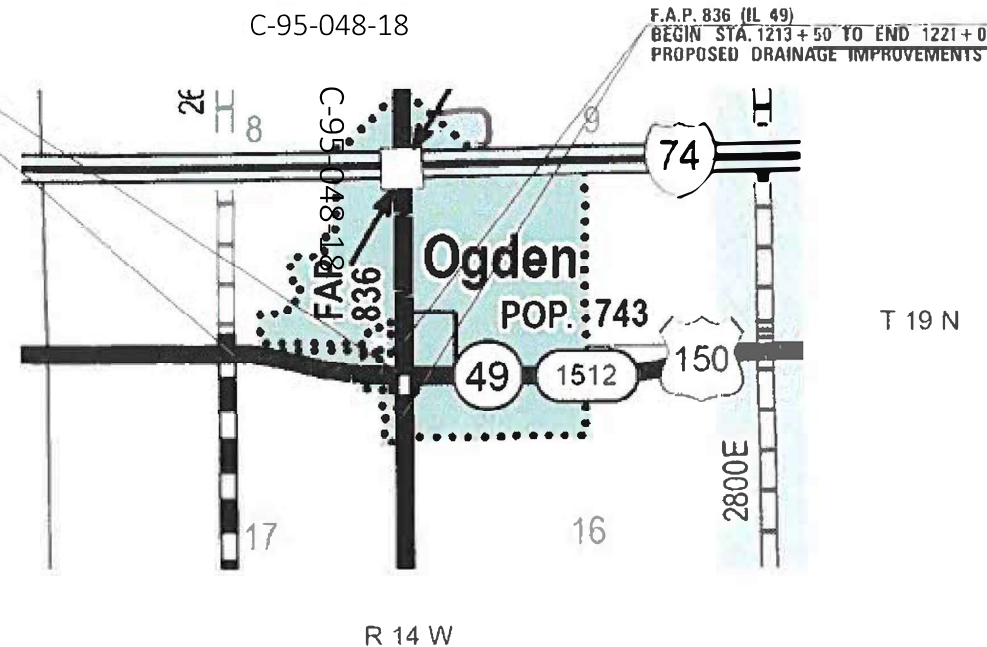


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

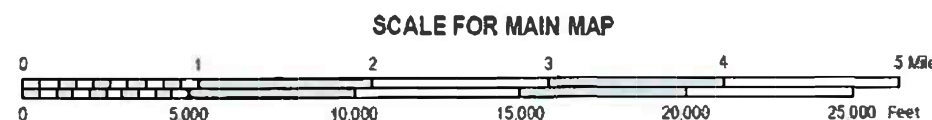
J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

PROJECT ENGINEER: TIM BRANDENBURG
PHONE NUMBER: (217)465-4181
CONTRACT NO. 70C07

F.A.S. 1512 (US 150)
BEGIN STA. 119+00 TO END 145+00
PROPOSED DRAINAGE IMPROVEMENTS



F.A.P. 836 (IL 49)
BEGIN STA. 1213+50 TO END 1221+00
PROPOSED DRAINAGE IMPROVEMENTS



CROSS LENGTH = 3400.0 FT. = 0.644 MILE
NET LENGTH = 5400.0 FT. = 1.024 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED 11/18 2021
Kensila Garnett REGIONAL ENGINEER

May 13, 2022 *J. A. Etk*
ENGINEER OF DESIGN AND ENVIRONMENT

May 13, 2022 *Stephen McQuinn*
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS & LIST OF STANDARDS
3	GENERAL NOTES
4 to 8	SUMMARY OF QUANTITIES
9 to 12	TYPICAL CROSS SECTIONS
13 to 15	STORM SEWER SCHEDULES
16 to 20	SCHEDULE OF QUANTITIES
21 to 27	US 150 PLAN & PROFILE SHEETS
28 to 29	IL 49 PLAN & PROFILE SHEETS
30 to 36	PLAN & DISTRICT DETAILS
37 to 62	US 150 CROSS SECTIONS
63 to 72	IL 49 CROSS SECTIONS
73 to 74	ROW PLANS

LIST OF STANDARDS

STANDARD NO.	DESCRIPTION
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
442201-03	CLASS C AND D PATCHES
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
482011-03	HMA SHLD. STRIPS/SHLDS. WITH RESURFACING OR WIDENING & RESURFACING PROJECTS
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
542306-03	PRECAST REINFORCED CONCRETE ELLIPTICAL FLARED END SECTION
542401-04	METAL FLARED END SECTION FOR PIPE CULVERTS
602401-07	PRECAST MANHOLE TYPE A 4' DIAMETER
602406-11	PRECAST MANHOLE TYPE A 6' DIAMETER
602421-09	PRECAST MANHOLE TYPE A 9' DIAMETER
602601-06	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-05	FRAME AND LIDS TYPE 1
604036-03	GRATE TYPE 8
606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011-04	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS >= 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY FOR SPEEDS >= 45 MPH
701311-03	LANE CLOSURE 2L, 2W MOVING OPERATIONS - DAY ONLY
701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS >= 45 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701901-08	TRAFFIC CONTROL DEVICES

*FAS 1512 (US 150) & FAP 836 (IL 49)

FILE NAME =	USER NAME = brandenburgtj	DESIGNED - TJB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS /LIST OF STANDARDS	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw\...\idot-pw.bentley.com\PWIDOT\Documents\IDOT Offices\District 5\Projects\0570C07\0570C07-shd-cover.dgn	DRAWN - TJB	CHECKED -	REVISED -			•	(1,119)DR	CHAMPAIGN	74	2	
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -	REVISED -			SCALE:		SHEET 1 OF 1 SHEETS		STA.	TO STA.
PLOT DATE = 11/17/2021	DATE - 3/12/2021	REVISED -	REVISED -			ILLINOIS FED. AID PROJECT					

G.N.-100
 ENGLISH UNITS OF MEASUREMENT SHALL GOVERN OVER AND SUPERSEDE ANY METRIC UNITS SHOWN IN THIS CONTRACT. WHERE INCLUDED, METRIC UNITS ARE FOR INFORMATION ONLY.

G.N.-100A
 ELECTRONIC FILES AND/OR ELECTRONIC SURVEY INFORMATION INCLUDING CADD FILES WILL NOT BE AVAILABLE TO THE CONTRACTOR.

G.N.-105.09A
 ALL ELEVATIONS SHOWN IN THE PLANS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. (NAVD 88)

G.N. -406H

MIXTURE REQUIREMENTS

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

Location	US 150 & IL 49	US 150 & IL 49
Mixture Use	Class D Patching / Bottom 6 1/2" Shlds / Base Course Widening	Surface / Incidental / Top 1 1/2" of Shoulders
AC/PG	PG 64 22	PG 64 22
Design Air Voids	4.0% @ Ndes=50	4.0% @ Ndes=50
Mix Comp(Gradation)	IL 19.0	IL 9.5
Friction Aggregate	N.A.	Mix C
Mixture Weight	112	112
Quality Management Program	QC/QA	QC/QA
Sublot Size	N.A.	N.A.
Material Transfer Device	No	No

G.N.-440B
 THE EXISTING TIE BARS BETWEEN THE EXISTING PAVEMENT AND EXISTING MEDIANS, GUTTERS AND/OR COMBINATION CURB AND GLTTERS THAT ARE FOUND SUITABLE FOR REUSE SHALL BE CLEANED, STRAIGHTENED, AND INCORPORATED INTO THE NEW CONSTRUCTION. ANY EXISTING TIE BARS THAT ARE FOUND UNSUITABLE TO BE INCORPORATED INTO THE PROPOSED CONSTRUCTION DUE TO EXCESSIVE RUSTING OR DISTRESS SHALL BE REMOVED FLUSH WITH THE FACE OF THE EXISTING CONCRETE AND DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT-OF-WAY IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS.

THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE VARIOUS REMOVAL PAY ITEMS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

G.N.- 542.07
 AT LOCATIONS WHERE END SECTIONS ARE SPECIFIED, CAST-IN-PLACE CONCRETE HEADWALLS WILL NOT BE ALLOWED.

G.N.- 542B
 ALL THE ENTRANCE CULVERT LENGTHS SHOWN IN THE P_LANS WERE CALCULATED WITH THE ASSUMPTION THAT METAL PIPES AND METAL END SECTIONS WOULD BE USED.

CONKEY BRANCH SPECIAL DRAINAGE DISTRICT COMMISSIONERS

Bob McMahon
 Ogden, IL 61859
 (217) 369-2755

Bill Wilson
 Ogden, IL 61859
 (217) 369-2670

USPS COORDINATION: GRETCHEN LANE (217) 582-2694 AND LEAH JANNUSCH MET WITH GRFTCHFN LANE MARCH 22, 2017 TO DISCUIS MOVING MBTO'S TO NORTH SIDE OF US 150. ON MAY 5, 2017 USPS CONFIRMED DESIRE FOR MBTO'S TO REMAIN ON SOUTH SIDE OF US 150. THIS IS DUE TO FEWER NUMBER OF PEDESTRIAN CROSSING'S ON US 150 RATHER THAN ON IL 49 ALONG THE SAME MAIL ROUTE.

SEE ARTICLE 107.20 OF STANDARD SPECIFICATIONS FOR HANDLING OF MAILBOXES

DESIGN COMMITMENT FOR ROBERT MCMAHON PARCEL NO. 5436002: AS A RESULT OF ROW NEGOTIATIONS, DELIVER ONLY ONE RED OAK AND ONE CRABAPPLE TO MR. MCMAHON OF 305 EAST LINCOLN, P.O. BOX 217, OGDEN. PLEASE CONTACT MR. MCMAHON AT 217-369-2755 PRIOR TO DELIVERY TO OBTAIN DESIRED LOCATION.

*FAS 1512 (US 150) & FAP 836 (IL 49)

FILE NAME =	USER NAME = brandenburgtj	DESIGNED - TJB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES			F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\idot-pw\Bentley.com\PWIDOT\Documents\IDOT Offices\District 5\Projects\0570C07\CDRAWING\drauhes\0570C07-shit-cover.dgn	PLLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -					*	(1,119)DR	CHAMPAIGN	74	3
	PLOT DATE = 11/17/2021	DATE - 3/19/2021	REVISED -		SCALE:	SHEET 1	OF 1	SHEETS	STA.	TO STA.	CONTRACT NO. 70C07	
										ILLINOIS FED. AID PROJECT		

LOCATION OF WORK:			CHAMPAIGN COUNTY		
			US 150	IL 49	
			RURAL TWO-LANE		
			DRAINAGE IMPROVEMENTS		
FUNDING BREAKOUT:			80% FED / 20% STATE		
CONSTRUCTION TYPE CODE:			0004		
CODE NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	QUANTITY	QUANTITY
20200100	EARTH EXCAVATION	CU YD	1,568.0	1,368.0	200.0
20800150	TRENCH BACKFLL	CU YD	409.0	251.0	158.0
20900110	POROUS GRANULAR BACKFILL	CU YD	114.0	114.0	0.0
21301060	EXPLORATION TRENCH 60" DEPTH	FOOT	2,900.0	2,900.0	0.0
* 25000200	SEEDING, CLASS 2	ACRE	5.5	4.9	0.6
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	495.0	441.0	54.0
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	495.0	441.0	54.0
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	495.0	441.0	54.0
* 25100115	MULCH, METHOD 2	ACRE	5.5	4.9	0.6
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	550.0	490.0	60.0
28000305	TEMPORARY DITCH CHECKS	FOOT	600.0	570.0	30.0
28000500	INLET AND PIPE PROTECTION	EACH	22.0	17.0	5.0
28100107	STONE RIPRAP, CLASS A4	SQ YD	632.0	632.0	0.0
28200200	FILTER FABRIC	SQ YD	632.0	632.0	0.0
35101400	AGGREGATE BASE COURSE, TYPE B	TON	120.0	112.0	8.0
*	SPECIALTY ITEMS				

FILE NAME =	USER NAME = brandenburgtj	DESIGNED - TJB	REVISED -
p:\dot-pw.bentley.com\PWIDOT\Documents\IDOT Offices\District 5\Projects\0570C07\CDRAWN\Drawings\0570C07-sh1-500.dgn		CHECKED -	REVISED -
		DATE - 2/15/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
SCALE:	SHEET 1	OF 5 SHEETS	STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	(1,119)DR	CHAMPAIGN	74	4
ILLINOIS FED. AID PROJECT			CONTRACT NO. 70C07	

LOCATION OF WORK:			CHAMPAIGN CO.		
			US 150	IL 49	
			RURAL TWO-LANE		
			DRAINAGE IMPROVEMENTS		
FUNDING BREAKOUT:			80% FED / 20% STATE		
CONSTRUCTION TYPE CODE:			0004		
CODE NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	QUANTITY	QUANTITY
35600712	HOT-MIX ASPHALT BASE COURSE WIDENING, 9 INCH	SQ YD	526.0	526.0	0.0
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	183.0	117.0	66.0
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	1,144.0	1,139.0	5.0
40604050	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX C, N50	TON	97.0	97.0	0.0
40800025	BITUMINOUS MATERIALS (PRIME COAT)	POUND	1,048.0	251.0	797.0
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	84.0	24.0	60.0
42300200	PCC DRIVEWAY PAVEMENT, 6 INCH	SQ YD	753.0	753.0	0.0
42300400	PCC DRIVEWAY PAVEMENT, 8 INCH	SQ YD	359.0	177.0	182.0
44000100	PAVEMENT REMOVAL	SQ YD	407.0	407.0	0.0
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2 INCH	SQ YD	684.0	684.0	0.0
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	706.0	662.0	44.0
44000500	COMBINATION CURB & GUTTER REMOVAL	FOOT	300.0	186.0	114.0
44201803	CLASS D PATCHES, TYPE II, 13"	SQ YD	23.0	12.0	11.0
44201807	CLASS D PATCHES, TYPE III, 13"	SQ YD	16.0	16.0	0.0
44201833	CLASS D PATCHES, TYPE IV, 15"	SQ YD	55.0	55.0	0.0
*	SPECIALTY ITEMS				

LOCATION OF WORK:			CHAMPAIGN CO.		
			US 150	IL 49	
			RURAL TWO-LANE DRAINAGE IMPROVEMENTS		
FUNDING BREAKOUT:			80% FED / 20% STATE		
CONSTRUCTION TYPE CODE:			0004		
CODE NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	QUANTITY	QUANTITY
48101200	AGGREGATE SHOULDERS, TYPE B	TON	533.0	533.0	0.0
48203029	HOT-MIX ASPHALT SHOULDERS, 8 INCH	SQ YD	1,225.0	1,225.0	0.0
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1.0	1.0	0.0
50105220	PIPE CULVERT REMOVAL	FOOT	588.0	533.0	55.0
54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, 36"	EACH	1.0	1.0	0.0
54213687	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 42"	EACH	4.0	4.0	0.0
54214515	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQRS 30"	EACH	4.0	3.0	1.0
54214719	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQRS 24"	EACH	2.0	0.0	2.0
54248510	CONCRETE COLLAR	CU YD	2.0	2.0	0.0
54262715	METAL FLARED END SECTIONS 15"	EACH	12.0	12.0	0.0
542A0247	PIPE CULVERTS, CLASS A, TYPE 1 42"	FOOT	124.0	124.0	0.0
542A5479	PIPE CULVERTS, CLASS A, TYPE 1 ERS 24"	FOOT	80.0	0.0	80.0
542A5485	PIPE CULVERTS, CLASS A, TYPE 1 ERS 30"	FOOT	48.0	48.0	0.0
542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	320.0	320.0	0.0
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	20.0	20.0	0.0
*	SPECIALTY ITEMS				

FILE NAME =	USER NAME = brändenburgtj	DESIGNED - TJB	REVISED -
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		DATE - 3/12/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 3 OF 5 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	(1,119)DR	CHAMPAIGN	74	6
CONTRACT NO. 70C07			ILLINOIS FED. AID PROJECT	

			LOCATION OF WORK:		CHAMPAIGN CO.	
					US 150	IL 49
					RURAL TWO-LANE	
					DRAINAGE IMPROVEMENTS	
			FUNDING BREAKOUT:		80% FED / 20% STATE	
			CONSTRUCTION TYPE CODE:		0004	
CODE NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	QUANTITY	QUANTITY	
550A0140	STORM SEWERS, CLASS A, TYPE 1 30"	FOOT	249.0	249.0	0.0	
550A0160	STORM SEWERS, CLASS A, TYPE 1 36"	FOOT	228.0	228.0	0.0	
550A4300	STORM SEWERS, CLASS A, TYPE 1 ERS 30"	FOOT	316.0	51.0	265.0	
550B0160	STORM SEWERS, CLASS B, TYPE 1 36"	FOOT	1,597.0	1,597.0	0.0	
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1.0	1.0	0.0	
60219000	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	1.0	1.0	0.0	
60223700	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	2.0	2.0	0.0	
60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2.0	2.0	0.0	
60224005	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 8 GRATE	EACH	4.0	3.0	1.0	
60224468	MANHOLES, TYPE A, 9'-DIAMETER, TYPE 8 GRATE	EACH	1.0	1.0	0.0	
60500050	REMOVING CATCH BASINS	EACH	1.0	1.0	0.0	
60603800	COMBINATION CONCRETE CURB & GUTTER TYPE B-6.12	FOOT	300.0	186.0	114.0	
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	445.0	445.0	0.0	
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	3.0	3.0	0.0	
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1.0	1.0	0.0	
*	SPECIALTY ITEMS					

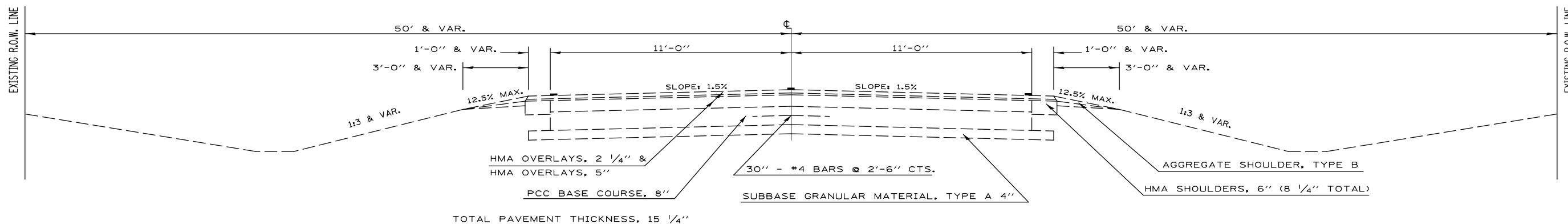
			LOCATION OF WORK:		CHAMPAIGN COUNTY	
					US 150	IL 49
					RURAL TWO-LANE	
					DRAINAGE IMPROVEMENTS	
			FUNDING BREAKOUT:		80% FED / 20% STATE	
			CONSTRUCTION TYPE CODE:		0004	
CODE NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	QUANTITY	QUANTITY	
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1.0	1.0	0.0	
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	5.0	5.0	0.0	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	12.0	10.0	2.0	
67100100	MOBILIZATION	L SUM	1.0	0.7	0.3	
70100450	TRAFFIC CONTROL & PROTECTION, STANDARD 701201	L SUM	1.0	0.7	0.3	
70100460	TRAFFIC CONTROL & PROTECTION, STANDARD 701306	L SUM	1.0	0.7	0.3	
70100500	TRAFFIC CONTROL & PROTECTION, STANDARD 701326	L SUM	1.0	1.0	0.0	
70102620	TRAFFIC CONTROL & PROTECTION, STANDARD 701501	L SUM	1.0	0.7	0.3	
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	28.0	14.0	14.0	
* 78001110	PAINT PAVEMENT MARKING LINE 4"	FOOT	5,200.0	5,200.0	0.0	
* A2007116	TREE, QUERCUS RUBRA (RED OAK), 2" CALIPER, BALLED & BURLAPPED	EACH	1.0	1.0	0.0	
* B2002616	TREE, MALUS ADAMS (ADAMS CRABAPPLE), 2" CALIPER, BALLED & BURLAPPED	EACH	1.0	1.0	0.0	
Ø Z0076600	TRAINEES	HOUR	1000	1000		
Ø Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOUR	1000	1000		

*= SPECIALTY ITEM Ø 0042

FILE NAME =	USER NAME = brandenburgtj	DESIGNED - TJB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
p:\1\1dot-pw.bentley.com\PWIDOT\Documents\IDOT Offices\District 5\Projects\0570C07\CDRAWN\drainage\0570C07-sh1-500.dgn		CHECKED -	REVISED -		SCALE:	SHEET 5	OF 5	SHEETS	STA.	TO STA.	1512	(1,119)DR	CHAMPAIGN	74	8
PLOT SCALE = 40.0000' / in.		DATE - 2/15/2017	REVISED -								CONTRACT NO. 70C07				
PLOT DATE = 11/17/2021									ILLINOIS FED. AID PROJECT						

EXISTING TYPICAL SECTION FAS 1512 (US 150)

STATION TO STATION
116+00.86 139+12.00



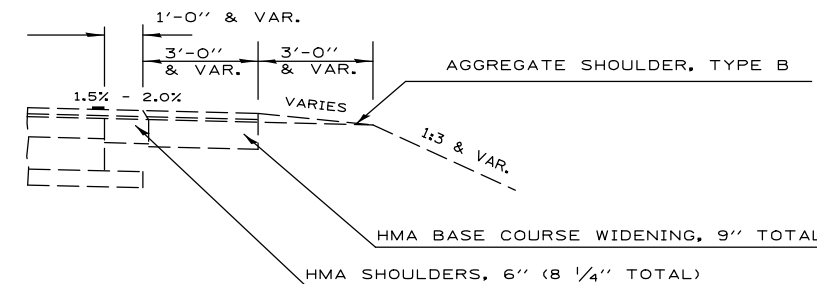
TOTAL PAVEMENT THICKNESS, 15 1/4"

S.E. TRANSITIONS

RIGHT			
BEGIN TRANS.	STA. 118+50	1.5%	
ATTAIN FULL	STA. 119+82	2.0%	
END FULL	STA. 128+33	2.0%	
END TRANS.	STA. 129+65	1.5%	
LEFT			
BEGIN TRANS.	STA. 131+11	1.5%	
ATTAIN FULL	STA. 132+43	2.0%	
END FULL	STA. 141+02	2.0%	
END TRANS.	STA. 142+34	1.5%	

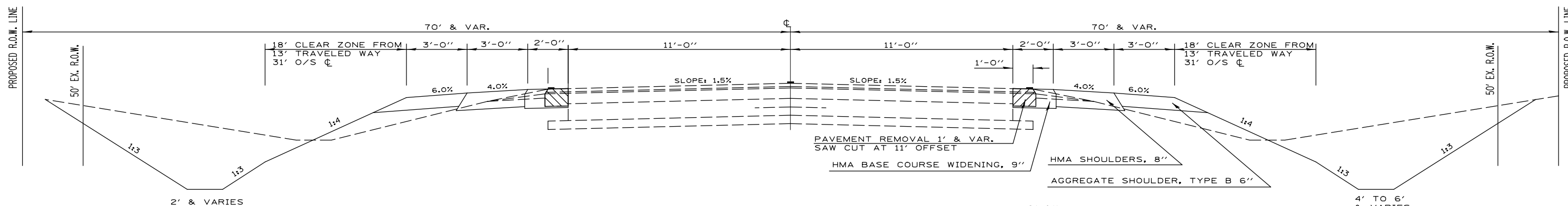
SHOULDER DETAIL (LOW SIDE S.E. CURVES)

STATION	TO	STATION
RT. 118+80.00		129+40.00
LT. 131+35.00		138+72.00



PROPOSED TYPICAL SECTION FAS 1512 (US 150)

STATION TO STATION
116+00.86 139+12.00

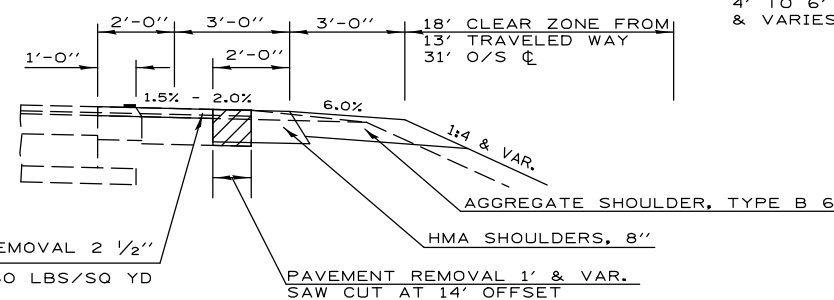


S.E. TRANSITIONS

RIGHT			
BEGIN TRANS.	STA. 118+50	1.5%	
ATTAIN FULL	STA. 119+82	2.0%	
END FULL	STA. 128+33	2.0%	
END TRANS.	STA. 129+65	1.5%	
LEFT			
BEGIN TRANS.	STA. 131+11	1.5%	
ATTAIN FULL	STA. 132+43	2.0%	
END FULL	STA. 141+02	2.0%	
END TRANS.	STA. 142+34	1.5%	

SHOULDER DETAIL (LOW SIDE S.E. CURVES)

STATION	TO	STATION
RT. 118+80.00		129+40.00
LT. 131+35.00		138+72.00



*FAS 1512 (US 150) & FAP 836 (IL 49)

FILE NAME :	USER NAME = piersonbr	DESIGNED - TJB	REVISED -
pw:\idot-pw\bentley.com\PIWIDOT\Documents\IDOT Offices\District 5\Projects\0570C07\CD\Drawings\0570C07-shd details type		CHECKED -	REVISED -
	PLOT SCALE = 40.0000' / in.	DATE - 1/10/2018	REVISED -
	PLOT DATE = 9/8/2021		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

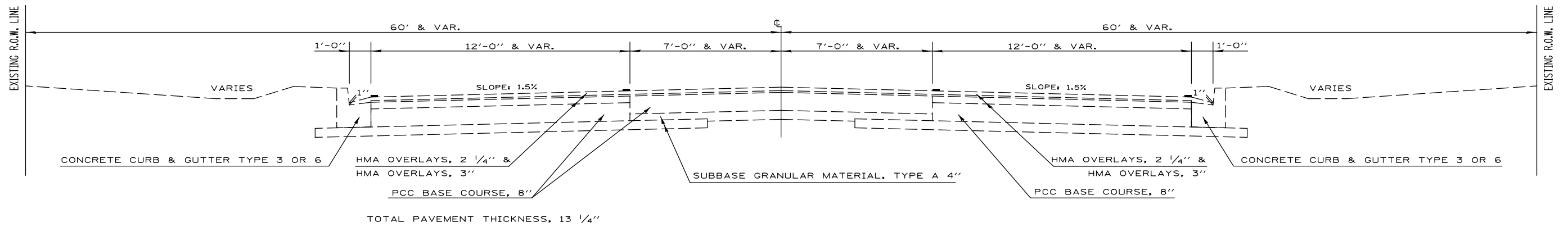
US 150 TYPICAL SECTIONS

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(1,119)DR	CHAMPAIGN	74	9
CONTRACT NO. 70C07				
ILLINOIS FED. AID PROJECT				

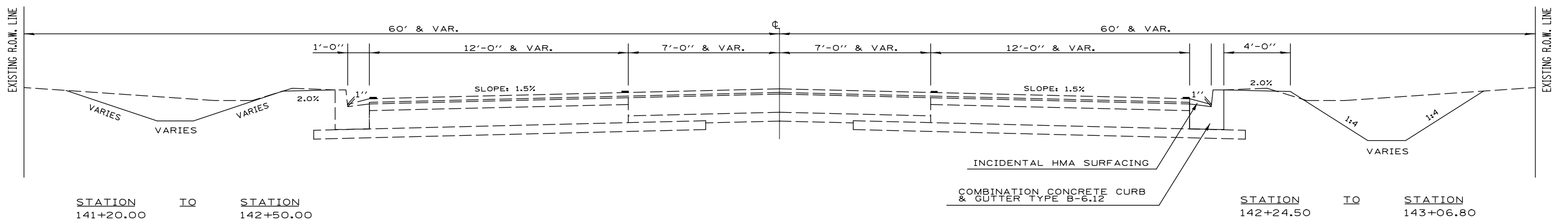
EXISTING TYPICAL SECTION FAS 1512 (US 150)

STATION TO STATION
139+12.00 146+00.00



PROPOSED TYPICAL SECTION FAS 1512 (US 150)

STATION TO STATION
139+12.00 146+00.00



*FAS 1512 (US 150) & FAP 836 (IL 49)

FILE NAME =	USER NAME = piersonbr	DESIGNED - TJB	REVISED -
p:\dot-pw-bentley.com\PIWIDOT\Documents\DOT Offices\District 5\Projects\057007\CDRAWN\Drawings\057007-shd details type 1.dwg		DRAWN - TJB	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 9/8/2021	DATE - 1/10/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

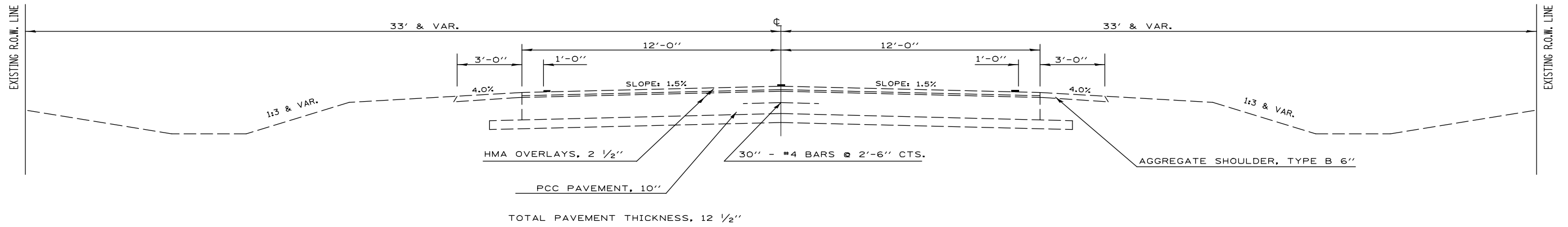
US 150 TYPICAL SECTIONS

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(1,119)DR	CHAMPAIGN	74	10
CONTRACT NO. 70C07			ILLINOIS FED. AID PROJECT	

EXISTING TYPICAL SECTION FAP 836 (IL 49)

STATION TO STATION
1218+58.20 1226+48.50



*FAS 1512 (US 150) & FAP 836 (IL 49)

FILE NAME =	USER NAME = piersonbr	DESIGNED - TJB	REVISED -
p:\dot-pw.bentley.com\PWIDOT\Documents\DOT Offices\District 5\Projects\057007\CDRAWN\Drawings\057007-shd details type			REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 9/8/2021	DATE - 1/10/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 49 TYPICAL SECTIONS			
SCALE:	SHEET 2	OF 2 SHEETS	STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(1,119)DR	CHAMPAIGN	74	12
			CONTRACT NO. 70C07	
ILLINOIS FED. AID PROJECT				

Proposed Storm Sewer in Southwest Ogden
 FAS Route 1512 US Route 150
 Section (1,119)DR
 Champaign County
 Contract No. 70C07

10 YEAR DESIGN

STORM SEWER COMPUTATION SHEET

	INITIALS	DATE
BY:	TJB	07/16/18
CHKD:		

SHEET 1 OF 1

FROM	TO	LENGTH (FT)	AREA		C w	A x C		LONGEST T.C.	INC. T.C.	I	DESIGN Q	Hydraulic Properties - Pipe			Min. Slope (ft/ft)	FULL PIPE		% OF FULL		DESIGN V	INVERT UPPER	ELEV LOWER	SLOPE %	
			INC.	TOTAL		INC.	TOTAL					SIZE	K	A		Q	V	Q	V					
1220+62 RT	1220+62 LT	50.0	3.03	3.03	0.64	1.94	1.94	7.70	0.25	5.82	11.29	30" ERS CL A	444.3	4.909	0.0011	14.74	3.00	76.6	111.0	3.33	667.00	666.95	0.10	
1220+62 LT	144+23.50 LT	221.0	0.56	3.59	0.64	0.36	2.30	7.95	1.09	5.77	13.26	30" ERS CL A	444.3	4.909	0.0011	14.74	3.00	90.0	113.0	3.39	666.85	666.60	0.11	
144+23.50 LT	141+70 LT	249.0	0.90	4.49	0.77	0.69	2.99	9.04	1.21	5.60	16.75	30" Class A	444.3	4.909	0.0011	14.74	3.00	113.7	114.0	3.42	666.50	666.25	0.10	
141+70 LT	141+18.50 RT	88.5	2.30	6.79	0.26	0.60	3.59	10.25	0.39	5.40	19.38	36" Class A	722	7.069	0.0011	23.95	3.39	80.9	111.0	3.76	666.15	666.05	0.11	
				6.79				10.64																
141+78 RT	141+18.50 RT	56.5	13.24	13.24	0.47	6.22	6.22	25.20	0.10	3.58	22.27	30" ERS CL A	444.3	4.909	0.0103	45.09	9.19	49.4	100.0	9.19	667.58	667.00	1.03	
141+18.50 RT	139+75 RT	139.5	0.47	20.50	0.81	0.38	10.19	25.30	0.45	3.57	36.38	36" Class A	722	7.069	0.0009	21.66	3.06	167.9	168.0	5.15	665.95	665.83	0.09	
139+75 RT	136+00 RT	375.0	0.61	21.11	0.73	0.45	10.63	25.75	1.18	3.53	37.54	36" Class B	722	7.069	0.0009	21.66	3.06	173.3	173.0	5.30	665.73	665.40	0.09	
136+00 RT	132+00 RT	400.0	1.40	22.51	0.40	0.56	11.19	26.93	1.22	3.44	38.51	36" Class B	722	7.069	0.0007	19.10	2.70	201.6	202.0	5.46	665.40	665.10	0.07	
132+00 RT	128+00 RT	400.0	0.00	22.51	0.00	0.00	11.19	28.15	1.26	3.35	37.50	36" Class B	722	7.069	0.0007	19.10	2.70	196.3	196.0	5.30	665.10	664.85	0.06	
128+00 RT	124+00 RT	400.0	1.00	23.51	0.40	0.40	11.59	29.41	1.25	3.26	37.80	36" Class B	722	7.069	0.0007	19.10	2.70	197.9	198.0	5.35	664.85	664.60	0.06	
124+00 RT	123+78 RT	30.0	0.00	23.51	0.00	0.00	11.59	30.66	0.10	3.17	36.76	36" Class B	722	7.069	0.0007	19.10	2.70	192.4	193.0	5.22	664.60	664.58	0.07	
	OUTFALL	2409.5		23.51			11.59	30.76		3.17	36.76									5.22				
												48" Class B	1556	12.566	0.0006									
												42" Class B	1090	9.621	0.0007									
												45x29 (36 ERS)	722	7.069	0.0009									
												38x24 (30 ERS)	444.3	4.909	0.0011									
												30x19 (24 ERS)	245.1	3.142	0.0015									

STORM SEWER STRUCTURE SCHEDULE - WITH BCA OUTLET														
NO.	STATION	OFFSET TO CENTER OF STRUCTURE	STRUCTURE TYPE	CODE NO.	HIGHWAY STANDARD	F.E.S.	MANHOLE, TYPE A	FLAT SLAB TOP	FRAME & GRATE	TOP OF GRATE	TOP OF MASONRY	FLOWLINE IN	FLOWLINE OUT	STRUCTURE DEPTH
								HS; DEPTH	HS; DEPTH	ELEVATION	ELEVATION			FOOT
	123+77.80	**47.6' RT.	F.E.S.	54213681	542301	36" RND				N.A.	N.A.		664.58 W	N.A.
	124+00	28.0' RT.	MANHOLE	60223800	602406		6'D FST T1F CL	602406; 8"	604001; 9"	669.90	*669.15	664.60 E	664.60 W	4.25
	128+00	32.0' RT.	MANHOLE	60224005	602406		6'D FST 4"RING T8G	602406; 8"	604036; 1"	669.80	*669.38	664.85 E	664.85 W	4.25
	132+00	32.5' RT.	MANHOLE	60223800	602406		6'D FST T1F CL	602406; 8"	604001; 9"	671.40	*670.65	665.10 E	665.10 W	5.25
	136+00	29.5' RT.	MANHOLE	60223700	602406		6'D FST T1F OL	602406; 8"	604001; 9"	670.70	*669.95	665.40 E	665.40 W	4.25
S2	139+75.00	37.3' RT.	MANHOLE	60223700	602406		6'D FST T1F OL	602406; 8"	604001; 9"	671.28	*670.53	665.83 E	665.73 W	4.50
S3	141+18.50	41.4' RT.	MANHOLE	60224468	602421		9'D FST 4"RING T8G	602421; 11"	604036; 1"	671.41	*671.00	666.05 N 667.00 E	665.95 W	4.50
S4	141+78.00	**44.5' RT.	F.E.S.	54214515	542306	30" ERS				N.A.	N.A.	667.58 E		N.A.
S5	141+70.00	38.0' LT.	MANHOLE	60224005	602406		6'D FST 4"RING T8G	602406; 8"	604036; 1"	671.06	*670.64	666.25 E	666.15 S	4.16
S6	144+23.50	48.0' LT.	MANHOLE	60224005	602406		6'D FST 4"RING T8G	602406; 8"	604036; 1"	670.90	*670.46	666.60 N	666.50 W	3.67
S7	1220+62.00	23.0' LT.	MANHOLE	60224005	602406		6'D FST 2"RING T8G	602406; 8"	604036; 1"	670.20	*669.95	666.95 E	666.85 S	2.67
S8	1220+62.00	**29.0' RT.	F.E.S.	54214515	542306	30" ERS				N.A.	N.A.	667.0 E		N.A.
		**OFFSET TO END OF F.E.S.									*FLAT SLAB TOP			
FIELD TILE	120+63.00	49.0' RT.	MANHOLE	60219000	602401		4'D FST 4"RING T8G	602601; 6"	604036; 1"	664.36	*663.94	660.75 N	660.75 S	3.00
FIELD TILE	120+75.00	39.8' RT.	MANHOLE	60218400	602401		4'D FST T1F CL	602601; 6"	604001; 9"	666.00	*665.25	660.75 N	660.75 S	4.25

STORM SEWER SCHEDULE - WITH BCA OUTLET

PIPE OD END AREA (SQ FT)		10.56	10.56	7.61	7.47	TRENCH EXCAVATION FOR STORM SEWERS															
						TRENCH BACKFILL							SHOWN FOR INFORMATION ONLY; NOT A PAY ITEM								
						CODE NO.	550B0160	550A0160	550A4300	550A0140	HEIGHT (average)	WIDTH	LENGTH	20800150	HEIGHT	TRENCH DEPTH	TOTAL TRENCH EXCAVATION	EXCAVATION ADJUSTED FOR SHRINKAGE (25%)	BACKFILL MATERIAL FROM TRENCH EXCAVATION	EARTHWORK BALANCE WASTE(+) OR SHORTAGE(-)	VOLUME OF PIPE, T.B. & BEDDING TO PIPE CENTER
FROM STRUCTURE	TO STRUCTURE	SLOPE (%)	LOWER INVERT	UPPER INVERT	CLASS B, TYPE 1, 36"	CLASS A, TYPE 1, 36"	CLASS A, TYPE 1, EQRS 30"	CLASS A, TYPE 1, 30"	(subgrade to pipe center)	(od+1.5'<5') (od+3'>5')	(+2' each side pavement)	TRENCH BACKFILL	(pipe center to bottom)	(subgrade to trench bottom)	CU. YD.	CU. YD.	CU. YD.	CU. YD.	CU. YD.	CU. YD.	
					(FT)	(FT)	(FT)	(FT)	(FT)	(FT)	(FT)	CU. YD.	(FT)	(FT)	CU. YD.	CU. YD.	CU. YD.	CU. YD.	CU. YD.	CU. YD.	
123+78 RT	124+00 RT	0.07	664.58	664.60	22.0				2.4	5.2	0.0	0.0	2.2	4.6	19.0	14.0	6.0	8.0	14.0		
124+00 RT	128+00 RT	0.06	664.60	664.85	400.0				1.6	5.2	0.0	0.0	2.2	3.8	293.0	220.0	45.0	175.0	248.0		
128+00 RT	132+00 RT	0.06	664.85	665.10	400.0				2.0	5.2	0.0	0.0	2.2	4.2	324.0	243.0	76.0	167.0	248.0		
132+00 RT	136+00 RT	0.07	665.10	665.40	400.0				3.3	6.7	0.0	0.0	2.2	5.5	546.0	410.0	249.0	161.0	297.0		
136+00 RT	139+75 RT	0.09	665.40	665.73	375.0				5.2	6.7	24.0	26.3	2.2	7.4	689.0	517.0	384.0	133.0	304.0		
139+75 RT	141+18.50 RT	0.09	665.83	665.95		139.5			4.4	6.7	24.0	21.5	2.2	6.6	228.0	171.0	104.0	67.0	125.0		
141+18.50 RT	141+78 RT	1.03	667.00	667.58			50.5		3.9	6.8	17.0	14.3	1.6	5.5	70.0	53.0	28.0	25.0	42.0		
141+18.50 RT	141+70 LT	0.11	666.05	666.15		88.5			4.2	6.7	60.0	50.8	2.2	6.4	141.0	106.0	24.0	82.0	116.0		
141+70 LT	144+23.50 LT	0.10	666.25	666.50			249.0		4.2	6.1	170.0	137.8	1.9	6.1	343.0	257.0	64.0	193.0	279.0		
144+23.50 LT	1220+62 LT	0.11	666.60	666.85			221.0		3.6	6.8	188.0	144.0	1.6	5.2	291.0	218.0	25.0	193.0	266.0		
1220+62 LT	1220+62 RT	0.10	666.95	667.00			44.0		3.0	5.3	32.0	14.3	1.6	4.6	40.0	30.0	5.0	25.0	35.0		
					SUBTOTAL	1597.0	228.0	315.5	249.0			409.0			2984.0	2239.0	1010.0	1229.0	1974.0		
					TOTAL =	1597.0	228.0	316.0	249.0			409.0			2984.0	2239.0	1010.0	1229.0	1974.0		
					ESTIMATED NO. OF PIPES REQUIRED																
					LAY LENGTH OF 7'-9"	207.0	30.0	41.0	33.0												

EXPLORATION TRENCH 60" DEPTH					
LOCATION	STA	STA	LT	RT	(FOOT)
US 150	119+00	139+00	0.0	2000.0	2000.0
US 150	119+00	128+00	900.0	0.0	900.0
ALONG EXISTING ROW				TOTAL =	2,900.0
				US 150	2,900.0
				IL 49	0.0

TEMPORARY DITCH CHECKS						
LOCATION	STA	STA	LENGTH	EACH	LENGTH	FOOT
US 150 RT	11900	13850.0	1950.0	(200' cts) 11.0	30.0	330.0
US 150 LT	11900	14050.0	2150.0	12.0	20.0	240.0
IL 49 LT	121400	121750.0	350.0	3.0	10.0	30.0
				TOTAL =		600.0
				US 150		570.0
				IL 49		30.0

INLET AND PIPE PROTECTION				
LOCATION	STA	TYPE	EACH	
US 150	49' RT	120+63	MH	1.0
	41' LT	122+00	PRC FES	1.0
	48' RT	123+78	PRC FES	1.0
	32' RT	128+00	MH	1.0
	37' LT	130+44	PE CMP	1.0
	36' LT	132+59	PE CMP	1.0
	36' LT	134+25	PE CMP	1.0
	36' LT	135+88	PE CMP	1.0
	30' RT	136+00	MH	1.0
	32' LT	137+53	PE CMP	1.0
	32' LT	139+52	PE CMP	1.0
	37' RT	139+75	MH	1.0
	41' RT	141+18	MH	1.0
	38' LT	141+70	MH	1.0
	45' RT	141+78	PRC FES	1.0
	46' RT	143+11	PRC FES	1.0
48' LT	144+23	S6 MH	1.0	
IL 49	33' LT	1213+75	EX CMP	1.0
	38' LT	1215+80	EX RCBC	1.0
	45' LT	1215+92	PRC FES	1.0
	23' LT	1220+62	MH	1.0
	28' RT	1220+62	PRC FES	1.0
		TOTAL =	22.0	
		US 150	17.0	
		IL 49	5.0	

COMBINATION CURB & GUTTER REMOVAL				
COMBINATION CONCRETE CURB & GUTTER TYPE B-6.12				
LOCATION	STA.	STA.	LENGTH	
				(foot)
IL 49 C.E.	LT	121555.2	121668.6	114.0
US 150 P.E.	RT	14227.5	14306.8	80.0
US 150	LT	14152.9	14162.9	10.0
US 150 C.E.	LT	14223	14318.6	96.0
			TOTAL =	300.0
			US 150	186.0
			IL 49	114.0

SEEDING SCHEDULE										
STATION	TO	STATION	RIGHT AREA (ACRE)	LEFT AREA (ACRE)	25000200 SEEDING CLASS 2 (ACRE)	25000400 NITROGEN FERT. (POUNDS)	25000500 PHOS. FERT. (POUNDS)	25000600 POTAS. FERT. (POUNDS)	25100115 MULCH METHOD 2 (ACRE)	28000250 TEMP. EROSION SEEDING (POUND)
US 150										
118+80.00		144+25	2.40	2.50	4.90	441.0	441.0	441.0	4.9	490.0
IL 49										
1213+75.00		1217+35.0	0.00	0.40	0.40	36.0	36.0	36.0	0.4	40.0
MARKET ST.										
1218+38.00		1221+00.0	0.10	0.10	0.20	18.0	18.0	18.0	0.2	20.0
TOTALS					5.5	495.0	495.0	495.0	5.5	550.0

EARTHWORK SCHEDULE				
LOCATION	EARTH EXCAVATION (CUT) CU YD	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (25%) CU YD	EMBANKMENT (FILL) CU YD	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) CU YD
US 150				
LT. 118+80 TO 144+25	512	384	708	-324
RT. 118+80 TO 144+00	856	642	2887	-2245
IL 49				
LT. 1213+75 TO 1217+35	162	122	10	112
MARKET ST.				
LT. 1218+38 TO 1221+00	7	5	0	5
RT. 1218+38 TO 1221+00	31	23	1	22
TOTAL	1568	1176	3606	-2430
STORM SEWER SHOWN FOR INFORMATION ONLY; NOT A PAY ITEM				
US 150				
RT. 123+78 TO 141+78	2310	1734	916	818
LT. 141+70 TO 144+24	343	257	64	193
IL 49				
LT. 1218+75 TO 1220+62	331	248	30	218
TOTAL	2984	2239	1010	1229

PAVEMENT REMOVAL								
LOCATION	STA.	STA.	LENGTH	WIDTH	AREA	AREA	DEPTH	VOLUME
			(foot)	(foot)	(sq ft)	(sq yd)	(foot)	(cu yd)
REMOVE EXISTING SAFETY SHOULDER; SAW CUT AT 11' - COST INCLUDED								
US 150 LT	118+80.0	131+35.0	1255.0	1.16	1,455.8	161.8	0.71	38.3
REMOVE +/-1' EXISTING WIDENING; SAW CUT AT 14' - COST INCLUDED								
US 150 LT	131+35.0	138+72.0	737.0	0.65	479.1	53.3	0.75	13.4
US 150 LT	138+72.0	141+25.3	253.3	0.33	83.6	9.3	0.75	2.4
REMOVE +/-1' EXISTING WIDENING; SAW CUT AT 14' - COST INCLUDED								
US 150 RT	118+80.0	129+40.0	1060.0	0.20	212.0	23.6	0.75	5.9
REMOVE EXISTING SAFETY SHOULDER; SAW CUT AT 11' - COST INCLUDED								
US 150 RT	129+40.0	138+34.0	894.0	0.95	849.3	94.4	0.71	22.4
US 150 RT	135+66.0	REMOVE EX. MBTO			225.0	25.0	0.50	4.2
US 150 RT	137+35.0	REMOVE EX. MBTO			353.0	39.3	0.50	6.6
					TOTAL =	407.0		
					US 150	407.0		
					IL 49	0.0		

PIPE CULVERT REMOVAL			
LOCATION	STA	FOOT	TYPE
US 150	122+00	66.0	EX. SINGLE 30" RCP W/ CIP END SECTIONS
US 150	121+34	36.0	EX. SINGLE 15" RCP W/ CIP END SECTIONS
US 150 RT	138+64	33.0	EX. SINGLE CMP W/ METAL END SECTIONS
US 150 RT	140+88	32.0	EX. SINGLE CMP W/ METAL END SECTIONS
US 150 RT	141+39	37.0	EX. SINGLE CMP W/ METAL END SECTIONS
US 150 RT	142+87	32.0	EX. SINGLE CMP W/ METAL END SECTIONS
IL 49 LT	1216+23	55.0	EX. SINGLE CMP W/ METAL END SECTIONS
US 150 LT	130+17	37.0	EX. SINGLE CMP W/ METAL END SECTIONS
US 150 LT	132+32	49.0	EX. SINGLE CMP W/ METAL END SECTIONS
US 150 LT	133+97	47.0	EX. SINGLE CMP W/ METAL END SECTIONS
US 150 LT	135+62	51.0	EX. SINGLE CMP W/ METAL END SECTIONS
US 150 LT	137+26	48.0	EX. SINGLE CMP W/ METAL END SECTIONS
US 150 LT	139+02	65.0	EX. SINGLE CMP W/ METAL END SECTIONS
TOTAL=		588.0	
US 150		533.0	
IL 49		55.0	

HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2 INCH									
LOCATION	STA.	STA.	LENGTH	WIDTH	AREA	AREA	DEPTH	VOLUME	TONS
			(foot)	(foot)	(sq ft)	(sq yd)	(foot)	(cu yd)	(112lbs/sy/in)
REMOVE EXISTING HMA SURFACE FROM 11' TO 14'									
US 150 LT	131+35.0	138+72.0	737.0	3.0	2,211.0	245.7	0.21	17.2	34.4
US 150 LT	138+72.0	141+25.3	253.3	3.0	759.9	84.5	0.21	6.0	11.9
REMOVE EXISTING HMA SURFACE FROM 11' TO 14'									
US 150 RT	118+80.0	129+40.0	1060.0	3.0	3,180.0	353.4	0.21	24.8	49.5
					TOTAL =	684.0		48.0	96.0
					US 150	684.0			
					IL 49	0.0			

BITUMINOUS MATERIALS (PRIME COAT)					
LOCATION	STA	DESCRIPTION	*AREA	AREA	POUNDS
			(sq ft)	(sq yd)	(0.25 lbs/sf)
US 150 RT	130+10.0	NEW MBTO	172.0	19.1	43.0
US 150 RT	132+23.0	NEW MBTO	172.0	19.1	43.0
US 150 RT	133+90.0	NEW MBTO	172.0	19.1	43.0
US 150 RT	135+66.0	REPLACE MBTO	172.0	19.1	43.0
US 150 RT	137+35.0	REPLACE MBTO	172.0	19.1	43.0
US 150 RT	138+47.0	ADD TO EX MBTO	61.0	6.8	16.0
US 150 RT	139+50.0	ADD TO EX MBTO	78.0	8.7	20.0
IL 49 LT	1219+50	20' HMA APRON	3,186.0	354.0	797.0
		*BY CADD		TOTAL =	1,048.0
				US 150	251.0
				IL 49	797.0

DRIVEWAY PAVEMENT REMOVAL					
LOCATION	STA.	DESCRIPTION	*AREA	AREA	COMMENTS
			(sq ft)	(sq yd)	
IL 49 C.E.	1216+21	LT	392.0	43.6	EX AGG SURFACE NOT INCLUDED
US 150 P.E.	142+87	RT	534.0	59.4	
US 150 P.E.	130+17	LT	376.0	41.8	EX AGG SURFACE NOT INCLUDED
US 150 P.E.	132+32	LT	962.0	106.9	
US 150 P.E.	133+97	LT	975.0	108.4	
US 150 P.E.	135+62	LT	969.0	107.7	
US 150 P.E.	137+26	LT	970.0	107.8	
US 150 P.E.	139+02	LT	984.0	109.4	EX AGG SURFACE NOT INCLUDED
US 150 C.E.	142+68	LT	188.0	20.9	EX AGG SURFACE NOT INCLUDED
		*BY CADD	TOTAL =	706.0	
			US 150	662.0	
			IL 49	44.0	

INCIDENTAL HOT-MIX ASPHALT SURFACING							
LOCATION	STA	DESCRIPTION	*AREA	SQ YDS	DEPTH	RATE	TONS
			(sq ft)	(sq yd)	(inch)	(112lbs/sy/in)	
US 150 RT	130+10.0	NEW MBTO	172.0	19.1	3.0	112.0	4.0
US 150 RT	132+23.0	NEW MBTO	172.0	19.1	3.0	112.0	4.0
US 150 RT	133+90.0	NEW MBTO	172.0	19.1	3.0	112.0	4.0
US 150 RT	135+66.0	REPLACE MBTO	172.0	19.1	3.0	112.0	4.0
US 150 RT	137+35.0	REPLACE MBTO	172.0	19.1	3.0	112.0	4.0
US 150 RT	138+47.0	ADD TO EX MBTO	61.0	6.8	3.0	112.0	2.0
US 150 RT	139+50.0	ADD TO EX MBTO	78.0	8.7	3.0	112.0	2.0
IL 49 LT	1219+50	20' HMA APRON	3186.0	354.0	3.0	112.0	60.0
		*BY CADD				TOTAL =	84.0
						US 150	24.0
						IL 49	60.0

FILE NAME =	USER NAME = piersonbr	DESIGNED - TJB	REVISED -
pw:\1dot-pw.bentley.com\PIW001\Documents\DOT Offices\District 5\Projects\0570C07\CDRAWN\Drawings\0570C07-shit-schedules.dwg	PROJECT = 0570C07	CHECKED -	REVISED -
	PLOT SCALE = 40.0000' / in.	DATE - 2/15/2017	REVISED -
	PLOT DATE = 9/8/2021		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SHEET 2 OF 5 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	(1,119)DR	CHAMPAIGN	74	17
CONTRACT NO. 70C07			ILLINOIS FED. AID PROJECT	

BITUMINOUS MATERIALS (TACK COAT)							
LOCATION	STA.	STA.	LENGTH	WIDTH	AREA	AREA	POUNDS
			(foot)	(foot)	(sq ft)	(sq yd)	(0.05 lbs/sf)
HOT-MIX ASPHALT SURFACE COURSE, MIX C, N50							
MAY CHOSE TO RESURFACE FROM 11' TO 16' WIDTH OVER BOTH WIDENING & SHOULDERS							
REPLACE EXISTING HMA SURFACE FROM 11' TO 14'							
US 150 LT	131+35.0	138+72.0	737.0	3.00	2,211.0	245.7	111.0
US 150 LT	138+72.0	141+25.3	253.3	3.00	759.9	84.5	38.0
REPLACE EXISTING HMA SURFACE FROM 11' TO 14'							
US 150 RT	118+80.0	129+40.0	1060.0	3.00	3,180.0	353.4	159.0
HOT-MIX ASPHALT BASE COURSE WIDENING, 9 INCH							
TO REPLACE EXISTING SAFETY SHOULDER; 11' - 13' LEFT							
US 150 LT	118+80.0	131+35.0	1255.0	2.20	2,761.0	306.8	139.0
TO REPLACE EXISTING SAFETY SHOULDER; 11' - 13' RIGHT							
US 150 RT	129+40.0	138+34.0	894.0	2.20	1,966.8	218.6	99.0
HOT-MIX ASPHALT SHOULDERS, 8 INCH							
LEFT 13' - 16'							
US 150 LT	118+80.0	131+35.0	1255.0	3.00	3,765.0	418.4	189.0
LEFT 14' - 16'							
US 150 LT	131+35.0	138+72.0	737.0	2.00	1,474.0	163.8	74.0
US 150 LT	138+72.0	141+25.3	253.3	2.25	569.9	63.4	29.0
RIGHT 14' - 16'							
US 150 RT	118+80.0	129+40.0	1060.0	2.10	2,226.0	247.4	112.0
RIGHT 13' - 16'							
US 150 RT	129+40.0	138+34.0	894.0	3.00	2,682.0	298.0	135.0
US 150 RT	139+58.2	140+58.6	100.4	3.00	301.2	33.5	16.0
CLASS D PATCHES							
US 150	122+00		18.5	26.30	486.6	54.1	25.0
US 150	141+50		55.5	4.50	249.8	27.8	13.0
IL 49	1220+62		24.0	4.00	96.0	10.7	5.0
TOTAL =							1,144.0
US 150							1139.0
IL 49							5.0

PACTHING SCHEDULE					
CLASS D PATCHES, TYPE II, 13"					
	STAGE	STA	LENGTH	WIDTH	*SQ YDS
IL 49 RT	I	1220+62	12.0	4.0	5.3
IL 49 RT	II	1220+62	12.0	4.0	5.3
US 150 LT	II	141+50	24.5	4.5	12.3
TOTAL =					23.0
*5 > 15 SY					US 150 12.0
					IL 49 11.0
CLASS D PATCHES, TYPE III, 13"					
	STAGE	STA	(LENGTH)	WIDTH	*SQ YDS
US 150 RT	I	141+50	31.0	4.5	15.5
TOTAL =					16.0
*15 > 25 SY					US 150 16.0
					IL 49 0.0
CLASS D PATCHES, TYPE IV, 15"					
	STAGE	STA	(LENGTH)	WIDTH	*SQ YDS
US 150 RT	I	122+00	18.5	14.2	29.2
US 150 LT	II	122+00	18.5	12.1	24.9
TOTAL =					55.0
*>25 SY					US 150 55.0
					IL 49 0.0

HOT-MIX ASPHALT BASE COURSE WIDENING, 9 INCH									
LOCATION	STA.	STA.	LENGTH	*WIDTH	AREA	AREA	DEPTH	VOLUME	TONS
			(foot)	(foot)	(sq ft)	(sq yd)	(foot)	(cu yd)	(112lbs/sy/in)
TO REPLACE EXISTING SAFETY SHOULDER; 11' - 13' LEFT									
US 150 LT	118+80.0	131+35.0	1255.0	2.20	2,761.0	306.8	0.75	76.7	154.7
TO REPLACE EXISTING SAFETY SHOULDER; 11' - 13' RIGHT									
US 150 RT	129+40.0	138+34.0	894.0	2.20	1,966.8	218.6	0.75	54.7	110.2
								FOR INFORMATION ONLY	
								132.0	265.0
*TOP WIDTH = 2'; PAY WIDTH = 2.2'					TOTAL =	526.0			
					US 150	526.0			
					IL 49	0.0			

HOT-MIX ASPHALT SURFACE COURSE, MIX C, N50									
LOCATION	STA.	STA.	LENGTH	WIDTH	AREA	AREA	DEPTH	VOLUME	TONS
			(foot)	(foot)	(sq ft)	(sq yd)	(foot)	(cu yd)	(112lbs/sy/in)
MAY CHOSE TO RESURFACE FROM 11' TO 16' WIDTH OVER BOTH WIDENING & SHOULDERS									
REPLACE EXISTING HMA SURFACE FROM 11' TO 14'									
US 150 LT	131+35.0	138+72.0	737.0	3.00	2,211.0	245.7	0.21	17.2	34.7
US 150 LT	138+72.0	141+25.3	253.3	3.00	759.9	84.5	0.21	6.0	12.0
REPLACE EXISTING HMA SURFACE FROM 11' TO 14'									
US 150 RT	118+80.0	129+40.0	1060.0	3.00	3,180.0	353.4	0.21	24.8	49.9
								TOTAL =	97.0
								US 150	97.0
								IL 49	0.0

HOT-MIX ASPHALT SHOULDERS, 8 INCH									
LOCATION	STA.	STA.	LENGTH	WIDTH	AREA	AREA	DEPTH	VOLUME	TONS
			(foot)	(foot)	(sq ft)	(sq yd)	(foot)	(cu yd)	(112lbs/sy/in)
LEFT 13' - 16'									
US 150 LT	118+80.0	131+35.0	1255.0	3.0	3,765.0	418.4	0.67	93.5	187.5
LEFT 14' - 16'									
US 150 LT	131+35.0	138+72.0	737.0	2.0	1,474.0	163.8	0.67	36.6	73.4
US 150 LT	138+72.0	141+25.3	253.3	2.3	569.9	63.4	0.67	14.2	28.5
RIGHT 14' - 16'									
US 150 RT	118+80.0	129+40.0	1060.0	2.1	2,226.0	247.4	0.67	55.3	110.9
RIGHT 13' - 16'									
US 150 RT	129+40.0	138+34.0	894.0	3.0	2,682.0	298.0	0.67	66.6	133.6
US 150 RT	139+58.2	140+58.6	100.4	3.0	301.2	33.5	0.67	7.5	15.1
								FOR INFORMATION ONLY	
TOTAL =						1,225.0		274.0	549.0
						US 150	1,225.0		
						IL 49	0.0		

AGGREGATE BASE COURSE, TYPE B						
LOCATION	STA	DESCRIPTION	AREA (sq ft)	CU YDS 6" depth	TONS/CY	TONS
US 150 RT	130+10.0	NEW MBTO	287.0	10.6	1.7	19.0
US 150 RT	132+23.0	NEW MBTO	287.0	10.6	1.7	19.0
US 150 RT	133+90.0	NEW MBTO	287.0	10.6	1.7	19.0
US 150 RT	135+66.0	REPLACE MBTO	286.0	10.6	1.7	19.0
US 150 RT	137+35.0	REPLACE MBTO	286.0	10.6	1.7	19.0
US 150 RT	138+47.0	ADD TO EX MBTO	112.0	4.1	1.7	8.0
US 150 RT	139+50.0	ADD TO EX MBTO	141.0	5.2	1.7	9.0
IL 49 LT	1219+50	20' HMA APRON	126.0	4.7	1.7	8.0
Total =						120.0
US 150						112.0
IL 49						8.0

AGGREGATE SURFACE COURSE, TYPE B									
LOCATION	STA.	LENGTH (foot)	WIDTH (foot)	AREA (sq ft)	AREA (sq yd)	DEPTH (foot)	VOLUME (cu yd)	TONS/CY	TONS
US 150 F.E.	138+64 RT	BY CADD		630.0	70.0	0.50	11.7	1.8	21.0
US 150 C.E.	140+88 RT	BY CADD		760.0	84.5	0.50	14.1	1.8	26.0
US 150 P.E.	141+39 RT	BY CADD		510.0	56.7	0.50	9.4	1.8	17.0
PINK HOUSE PARKING LOT - USE TWICE THE REQUIRED WIDTH TO ALLOW FOR CONSTRUCTION ACTIVITIES									
US 150	142+50 LT	173.5	9.0	1,561.5	173.5	0.50	28.9	1.8	53.0
IL 49	1219+50 LT	220.0	9.0	1,980.0	220.0	0.50	36.7	1.8	66.0
TOTAL =								183.0	
US 150								117.0	
IL 49								66.0	

AGGREGATE SHOULDERS, TYPE B									
LOCATION	STA	STA	(LENGTH) (foot)	WIDTH (foot)	*END AREA (sq ft)	CU YDS 6" depth	RATE (tons/cy)	TONS	
US 150									
RT	118+80.0	129+87.6	1107.6	3.0	2.1	84.9	1.7	145.0	
RT	130+27.8	132+00.0	172.2	3.0	2.1	13.2	1.7	23.0	
RT	132+40.8	133+67.6	126.8	3.0	2.1	9.7	1.7	17.0	
RT	134+07.8	135+44.2	136.4	3.0	2.1	10.5	1.7	18.0	
RT	135+84.3	137+12.7	128.4	3.0	2.1	9.8	1.7	17.0	
RT	137+53.8	138+43.6	89.8	3.0	2.1	6.9	1.7	12.0	
RT	139+54.4	140+60.4	106.0	3.0	2.1	8.1	1.7	14.0	
LT	118+80.0	129+98.0	1118.0	3.0	2.1	85.7	1.7	146.0	
LT	129+36.0	132+13.0	277.0	3.0	2.1	21.2	1.7	37.0	
LT	132+51.0	133+78.0	127.0	3.0	2.1	9.7	1.7	17.0	
LT	132+51.0	133+78.0	127.0	3.0	2.1	9.7	1.7	17.0	
LT	134+17.0	135+42.0	125.0	3.0	2.1	9.6	1.7	17.0	
LT	135+80.0	137+06.0	126.0	3.0	2.1	9.7	1.7	17.0	
LT	137+45.0	138+88.0	143.0	3.0	2.1	11.0	1.7	19.0	
LT	139+51.0	140+75.0	124.0	3.0	2.1	9.5	1.7	17.0	
*BY CADD							TOTAL=	533.0	
US 150							533.0		
IL 49							0.0		

PCC DRIVEWAY PAVEMENT, 6 INCH							
	STA.	Length (foot)	Width (foot)	Area (sq ft)	Area (sq yd)	Depth (ft)	(cu yd)
						6" depth	
US 150 P.E.	142+86.77	RT		797.0	88.6	0.50	14.8
US 150 P.E.	130+17	LT		910.0	101.2	0.50	16.0
US 150 P.E.	132+32	LT		908.0	100.9	0.50	16.8
US 150 P.E.	133+97	LT		908.0	100.9	0.50	16.8
US 150 P.E.	135+62	LT		908.0	100.9	0.50	16.8
US 150 P.E.	137+26	LT		908.0	100.9	0.50	16.8
US 150 P.E.	139+02	LT		1,430.0	158.9	0.50	26.5
TOTAL =				753.0			126.0
US 150				753.0			
IL 49				0.0			

PCC DRIVEWAY PAVEMENT, 8 INCH							
	STA.	Length (foot)	Width (foot)	Area (sq ft)	Area (sq yd)	Depth (ft)	(cu yd)
						8" depth	
IL 49 C.E.	1216+21.00	LT		1,633.0	181.5	0.67	40.5
US 150 C.E.	142+68.00	LT		1,590.0	176.7	0.67	39.5
TOTAL =				359.0			80.0
US 150				177.0			
IL 49				182.0			

PAINT PAVEMENT MARKING LINE 4"						
LOCATION	STA	STA	Length (foot)	White (foot)	Skip-Dash (foot)	Total (foot)
US 150	11800.0	14400.0	2600.0	5200.0	0.0	5,200.0
IL 49	NONE					
TOTAL=						5,200.0
US 150						5,200.0
IL 49						0.0

FILE NAME =	USER NAME = ppersonbr	DESIGNED - TJB	REVISED -
p:\1\dot-pw.bentley.com\PROJECTS\DOT Offices\District 5\Projects\0570C07\CDRAWING\drauhcs\0570C07-shit-schedules.dwg	PROJECT = 0570C07	CHECKED -	REVISED -
PLOT SCALE = 48.0000' / in.	DATE = 2/15/2017	REVISIONS	
PLOT DATE = 9/8/2021			

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET 4 OF 5 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	(1,119)DR	CHAMPAIGN	74	19
CONTRACT NO. 70C07				
ILLINOIS FED. AID PROJECT				

US 150 PROPOSED RT DITCH PROFILE		
VPI	STA	ELEV
1	118+86	664.18
2	120+75	664.38
3	121+96.40	664.50
4	123+77.80	664.58
5	124+00	668.20
6	128+00	669.80
7	132+00	671.40
8	136+00	670.70
9	138+00	671.70
10	138+54	673.00
11	138+74	673.00
12	139+75	671.28
13	140+75	672.30
14	140+93.50	672.30
15	141+18.50	671.41
16	141+47	671.80
17	141+60	672.00
18	141+90	667.60
19	144+00	667.90

US 150 PROPOSED LT DITCH PROFILE		
VPI	STA	ELEV
1	118+80	666.20
2	120+00	665.75
3	121+96.40	664.55
4	125+00	667.40
5	128+00	668.85
6	133+00	669.40
7	136+00	669.70
8	139+50	670.80
9	140+58	672.40
10	140+85	672.88
11	141+15	672.93
12	141+18	672.63
13	141+50	672.15
14	141+70	671.06
15	142+50	671.30
16	143+25	671.65
17	144+15	671.35
18	144+23.50	670.90

IL 49 PROPOSED LT DITCH PROFILE		
VPI	STA	ELEV
1	1213+77.34	668.52
2	1214+50	668.38
3	1217+35	667.90

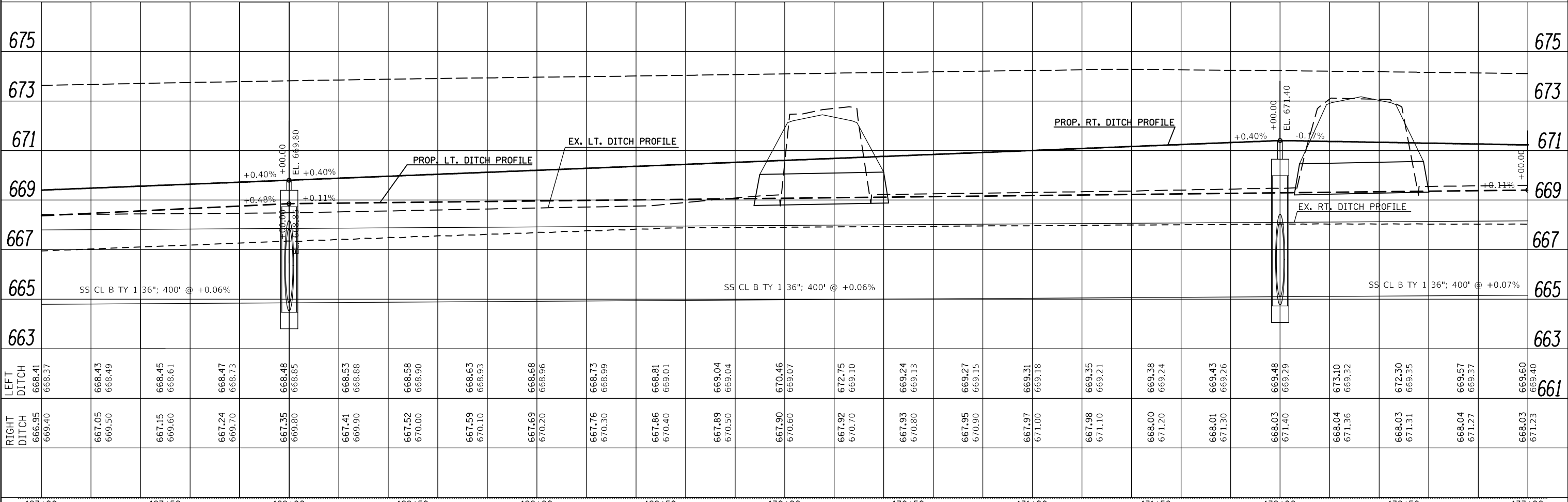
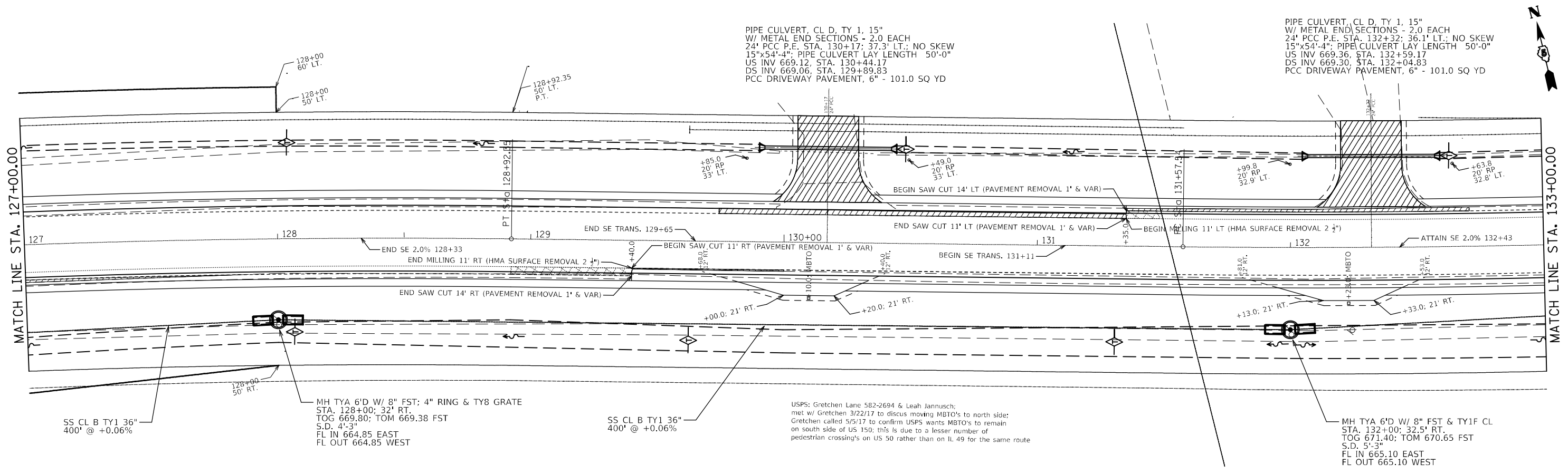
MARKET ST. PROPOSED LT DITCH PROFILE		
VPI	STA	ELEV
1	1218+37.80	670.90
2	1218+48	671.35
3	1219+00	671.50
4	1220+29	670.70
5	1220+62	670.20
6	1220+87	670.95

MARKET ST. PROPOSED RT DITCH PROFILE		
VPI	STA	ELEV
1	1219+74	668.10
2	1220+62	667.00
3	1220+81	668.50

FILE NAME =	USER NAME = piersonbr	DESIGNED - TJB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES				F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\dot-pw.bentley.com\PIWIDOT\Documents\DOT Offices\District 5\Projects\0570C07\CDRAWING\drauhcs\0570C07-shit-schedules.dwg	DRAWN - TJB	CHECKED -	REVISED -						1512	(1,119)DR	CHAMPAIGN	74	20
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 70C07								
PLOT DATE = 9/8/2021	DATE - 2/15/2017	REVISED -			SCALE:	SHEET 5	OF 5	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

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

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



127+00	127+50	128+00	128+50	129+00	129+50	130+00	130+50	131+00	131+50	132+00	132+50	133+00													
LEFT DITCH	668.41 668.37	668.43 668.49	668.45 668.61	668.47 668.73	668.48 668.85	668.53 668.88	668.58 668.90	668.63 668.93	668.68 668.96	668.73 668.99	668.81 669.01	669.04 669.04	670.46 669.07	672.75 669.10	669.24 669.13	669.27 669.15	669.31 669.18	669.35 669.21	669.38 669.24	669.43 669.26	669.48 669.29	673.10 669.32	672.30 669.35	669.57 669.37	669.60 669.40
RIGHT DITCH	666.95 669.40	667.05 669.50	667.15 669.60	667.24 669.70	667.35 669.80	667.41 669.90	667.52 670.00	667.59 670.10	667.69 670.20	667.76 670.30	667.86 670.40	667.89 670.50	667.90 670.60	667.92 670.70	667.93 670.80	667.95 670.90	667.97 671.00	667.98 671.10	668.00 671.20	668.01 671.30	668.03 671.40	668.04 671.36	668.03 671.31	668.04 671.27	668.03 671.23

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

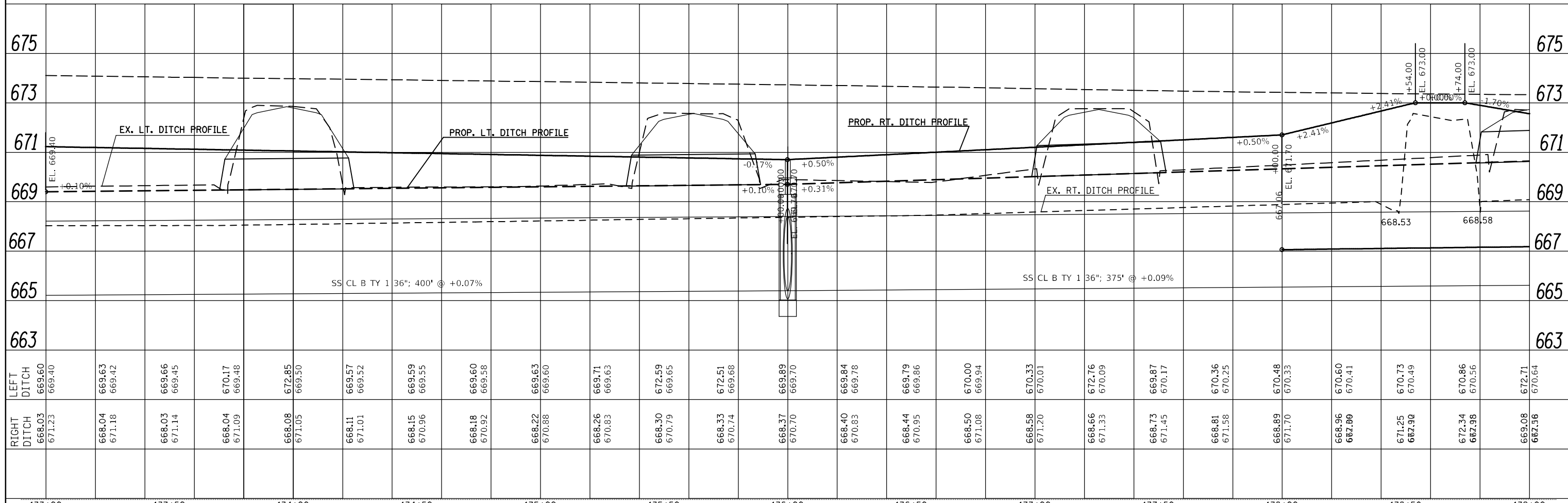
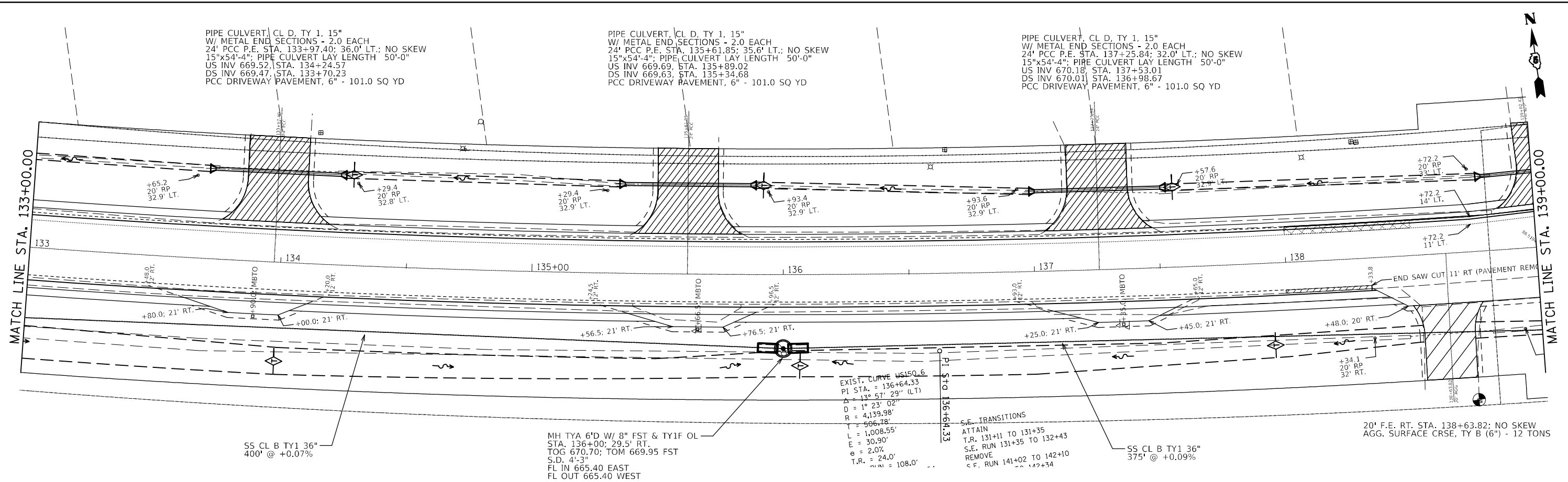
US 150 PLAN & PROFILE

SCALE: 1" = 20' SHEET 3 OF 6 SHEETS STA. 127+00.00 TO STA. 133+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	(1,119)DR	CHAMPAIGN	74	24
CONTRACT NO. 70C07			ILLINOIS FED. AID PROJECT	

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

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



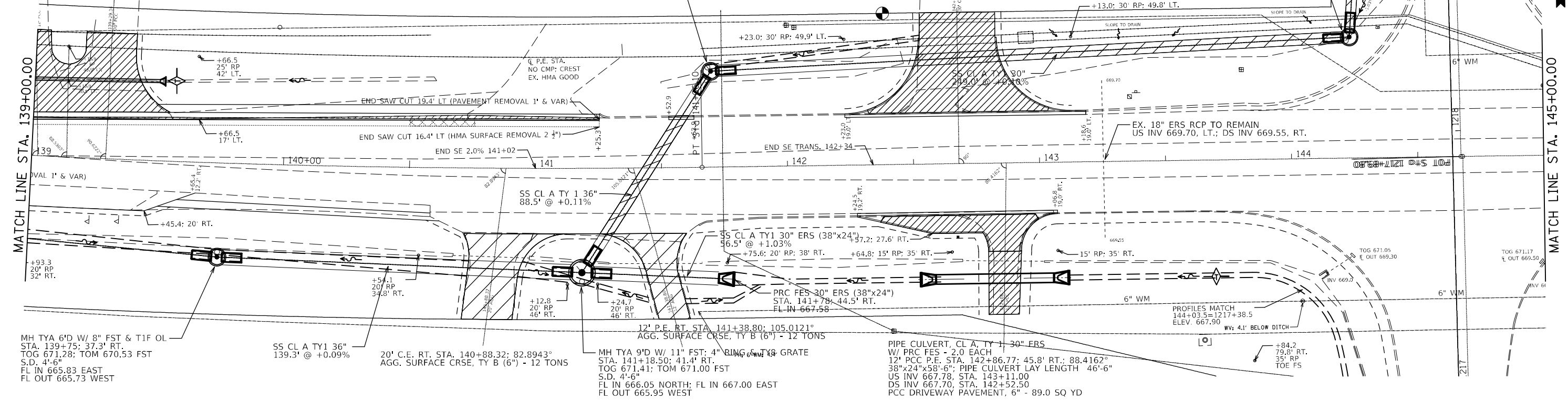
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DOT Offices\District 5\Projects\0570C07\CADD\Drawings\0570C07-sht-P1-Pr.f.dgn	CHECKED -	REVISED -	1512					(1,119)DR	CHAMPAIGN	74	25	
PLOT SCALE = 40.0000' / in.	DATE - 12/10/2019	REVISED -	CONTRACT NO. 70C07									
PLOT DATE = 11/22/2021	DATE - 12/10/2019	REVISED -	ILLINOIS FED. AID PROJECT									

PIPE CULVERT, CL D, TY 1, 15"
 W/ METAL END SECTIONS - 2.0 EACH
 12" PCC P.E. STA. 139+02.42; 86.5194°
 20' PCC P.E. STA. 139+29.34; 90.6222°
 15"x74'-4" PIPE CULVERT LAY LENGTH 70'-0"
 US INV 670.80, STA. 139+52.67; 31.6' LT.
 DS INV 670.56, STA. 138+78.33; 29.7' LT.
 PCC DRIVEWAY PAVEMENT, 6" - 159.0 SQ YD

MH TYA 6'D W/ 8" FST; 4" RING & TY8 GRATE
 STA. 141+70; 38.0' LT.
 TOG 671.06; TOM 670.64 FST
 S.D. 4'-2"
 FL IN 666.25 EAST
 FL OUT 666.15 SOUTH

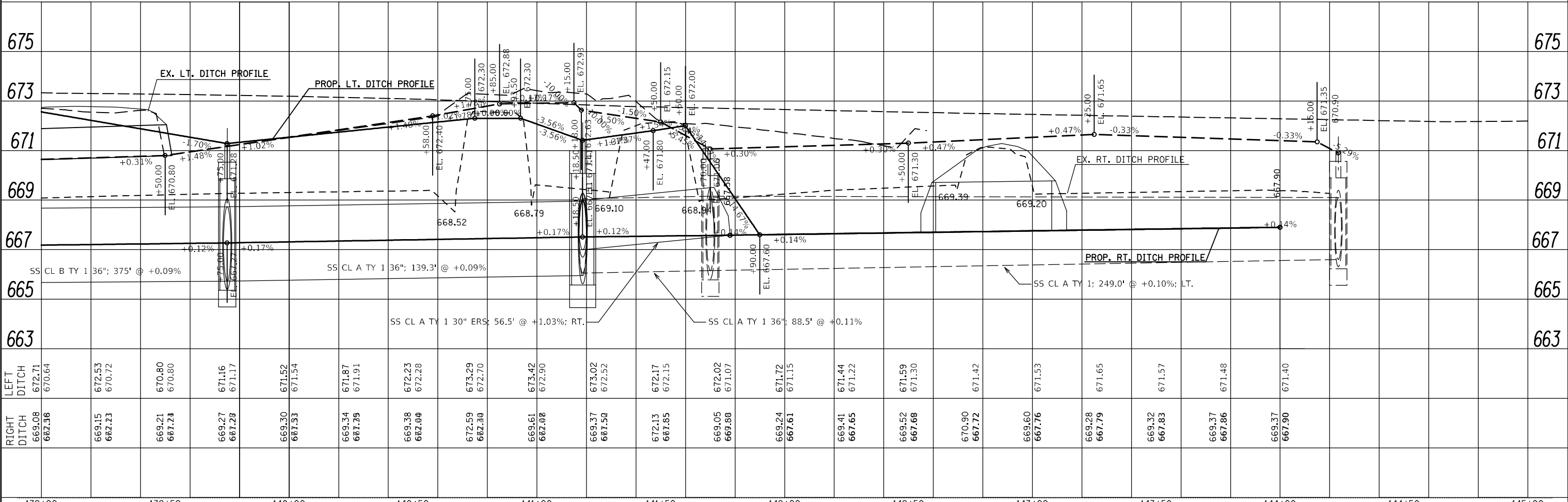
30" PCC C.E. STA. 142+68.0 LT.; NO SKEW
 PCC DRIVEWAY PAVEMENT, 8" - 177.0 SQ YD

MH TYA 6'D W/ 8" FST; 4" RING & TY8 GRATE
 STA. 144+23.50; 48.0' LT.
 TOG 670.90; TOM 670.46 FST
 S.D. 3'-8"
 FL IN 666.60 NORTH
 FL OUT 666.50 WEST
 +13.0; 30' RP; 49.8' LT.



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	BY _____	

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



139+00	139+50	140+00	140+50	141+00	141+50	142+00	142+50	143+00	143+50	144+00	144+50	145+00										
LEFT DITCH	672.71 670.64	672.53 670.72	670.80 670.80	671.16 671.17	671.52 671.54	671.87 671.91	672.23 672.28	673.29 672.70	672.30 672.30	673.42 672.90	673.02 672.52	672.17 672.15	672.02 671.07	671.72 671.15	671.44 671.22	671.59 671.30	671.42	671.53	671.65	671.57	671.48	671.40
RIGHT DITCH	669.08 667.96	669.15 667.23	669.21 667.24	669.27 667.28	669.30 667.33	669.34 667.29	669.38 667.00	672.59 667.30	669.61 667.08	669.37 667.54	672.13 667.85	669.05 667.88	669.24 667.61	669.41 667.65	669.52 667.68	670.90 667.72	669.60 667.76	669.28 667.79	669.32 667.83	669.37 667.86	669.37 667.90	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

US 150 PLAN & PROFILE

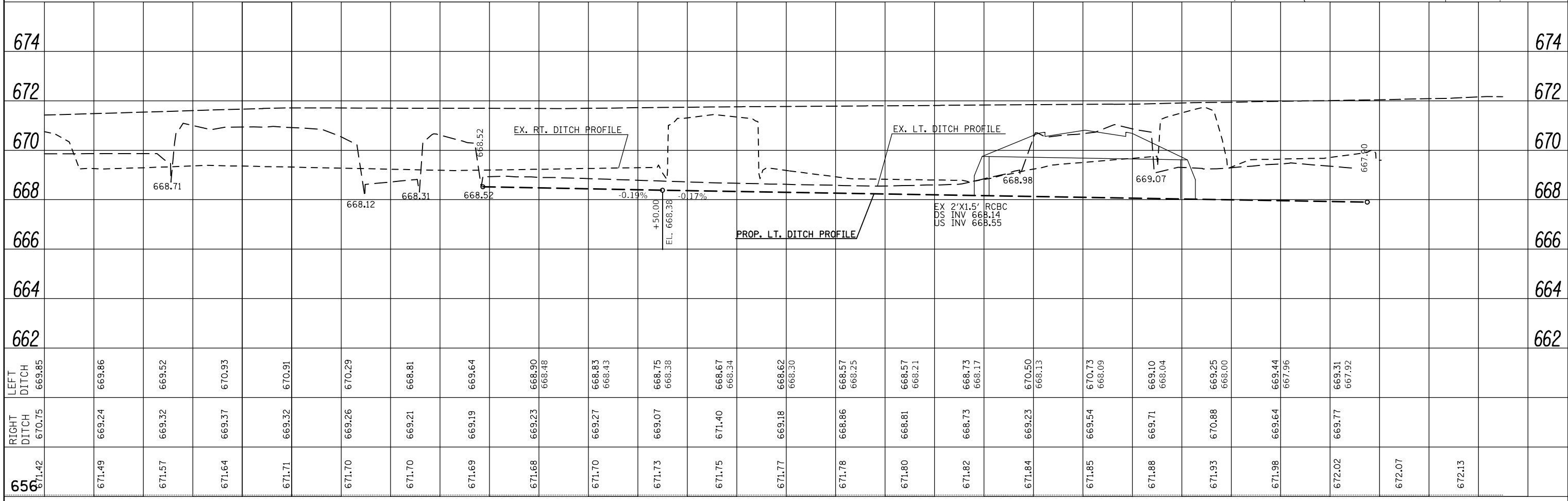
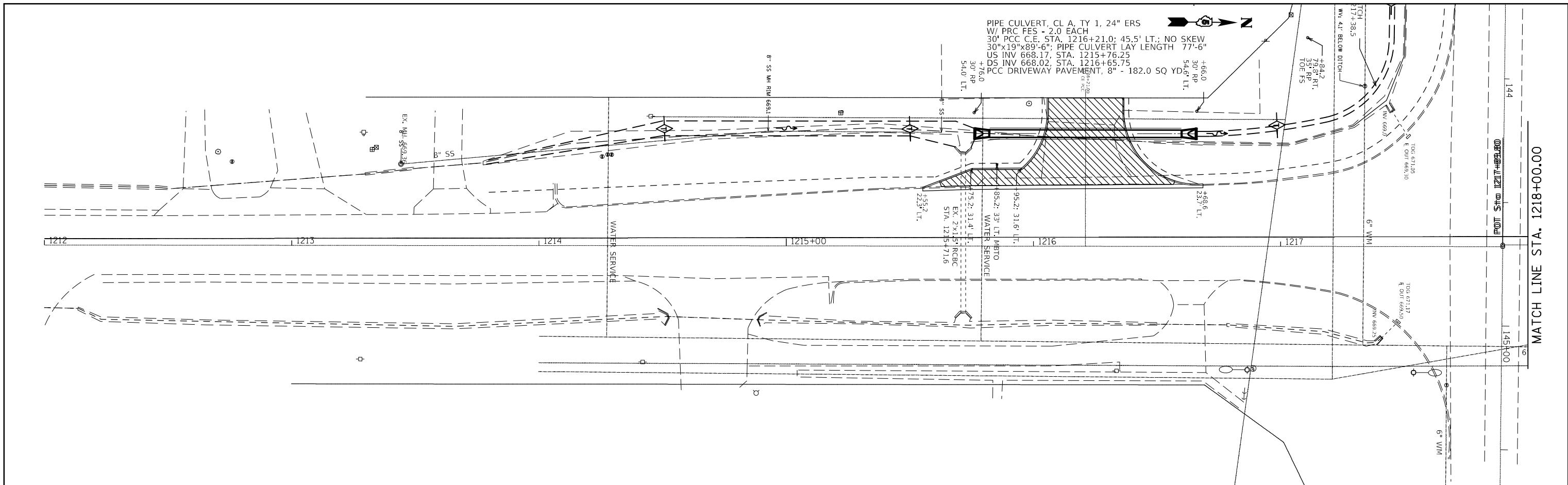
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	(1,119)DR	CHAMPAIGN	74	26
CONTRACT NO. 70C07			ILLINOIS FED. AID PROJECT	

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	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
NOTE BOOK NO.	CHECKED	
	FILE NAME	

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

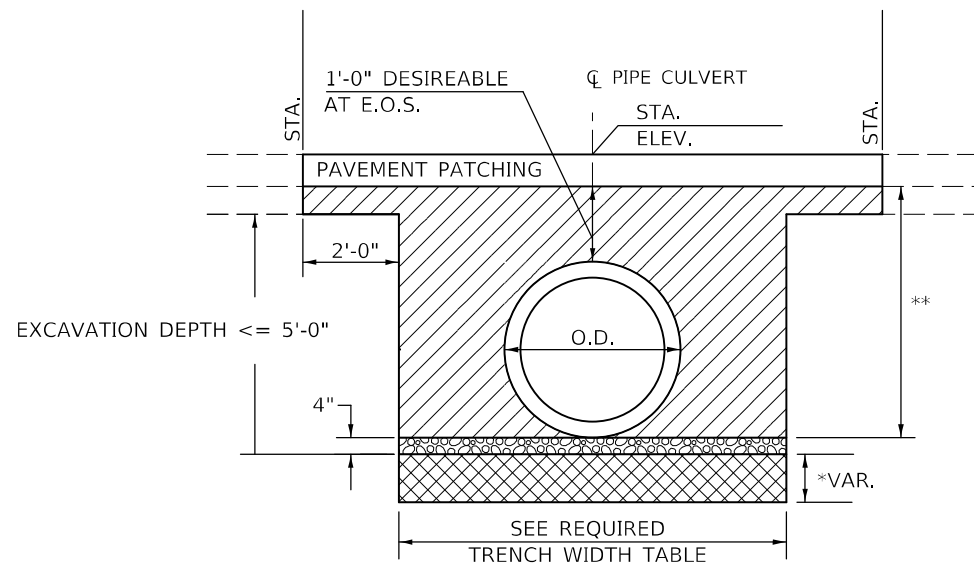


FILE NAME =	USER NAME = brandenburtj	DESIGNED - TJB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 49 PLAN & PROFILE	F.A.S. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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	PLOT DATE = 11/22/2021	DATE - 3/22/2021	REVISED -			ILLINOIS FED. AID PROJECT					

SCALE: 1" = 20' SHEET 1 OF 2 SHEETS STA. 1212+00.00 TO STA. 1218+00.00

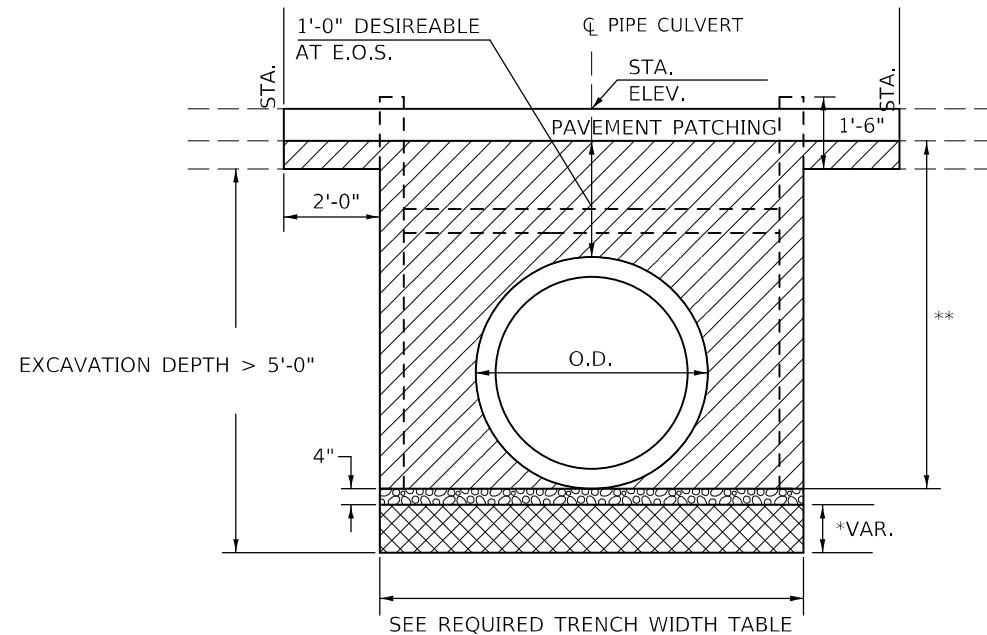
PIPE CULVERTS (EXCEPT ENTRANCE CULVERTS)

METHOD I CONSTRUCTION SHOWN SEE ARTICLE 542.04



INSIDE DIA. OR EQUIVALENT DIA.	REQUIRED TRENCH WIDTH
I.D. <= 24"	9" + O.D. + 9"
24" < I.D. <= 48"	12" + O.D. + 12"
I.D. > 48"	18" + O.D. + 18"

TRENCHING ARTICLE 542.04(B)



TRENCH PROTECTION REQUIRED WHEN EXCAVATION DEPTH EXCEEDS 5'
SEE EXCAVATION DEPTHS TABLE FOR CONTRACTOR OPTIONAL CONFIGURATIONS

STONE RIPRAP, CLASS A1

(IF REQUIRED)

* STONE RIPRAP, CLASS A1 SHALL BE USED TO ADDRESS UNSTABLE SOIL CONDITIONS AS DETERMINED BY THE GEOTECHNICAL ENGINEER.

THE WORK SHOWN IN THE DETAIL SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE PORTIONS OF SECTION 281 OF THE STANDARD SPECIFICATIONS.

THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR STONE RIPRAP, CLASS A1.

THE EXCAVATION AND DISPOSAL OF UNSUITABLE MATERIAL SHALL NOT BE MEASURED FOR PAYMENT. COST INCLUDED WITH STONE RIPRAP, CLASS A1.

POROUS GRANULAR BACKFILL

POROUS GRANULAR BACKFILL SHALL EXTEND 2 FT. BEYOND THE AGGREGATE SHOULDER.

THE WORK SHOWN IN THE DETAIL SHALL BE PERFORMED IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 209 AND SECTION 542 OF THE STANDARD SPECIFICATIONS.

THE COARSE AGGREGATE QUALITY SHALL BE CLASS D OR BETTER AND THE GRADATION SHALL BE CA-6 OR CA-10.

POROUS GRANULAR BACKFILL WILL BE MEASURED FOR PAYMENT IN CUBIC YARDS, IN PLACE AS SHOWN. IF THE CONTRACTOR CHOOSES TO EXCAVATE BEYOND THE LIMITS SHOWN, ADDITIONAL QUANTITIES OF POROUS GRANULAR BACKFILL WILL BE AT HIS/HER OWN EXPENSE.

THE AREA TO BE EXCAVATED FOR THE PROPOSED PIPE CULVERT AND END SECTIONS SHALL NOT BE MEASURED FOR PAYMENT. COST INCLUDED WITH PIPE CULVERTS.

**IN LIEU OF POROUS GRANULAR BACKFILL, THE CONTRACTOR MAY, AT NO ADDITIONAL COST TO THE DEPARTMENT, BACKFILL THE ENTIRE TRENCH, EXCEPT THE OUTER 3 FT, WITH CONTROLLED LOW-STRENGTH MATERIAL ACCORDING TO SECTION 593.

BILL OF MATERIAL

Item	Unit	Total
POROUS GRANULAR BACKFILL	CU YD	114.0
STONE RIPRAP, CLASS A1	TON	0.0

LEGEND	
	POROUS GRANULAR BACKFILL
	POROUS GRANULAR MATERIAL (CA-7) (included with pipe culvert)
	STONE RIPRAP, CLASS A1

EXCAVATION DEPTHS	SLOPES
5'-0" < EXCAVATION DEPTH <= 8'-0"	3/4' : 1'
8'-0" < EXCAVATION DEPTH <= 12'-0"	1' : 1'
12'-0" < EXCAVATION DEPTH <= 20'-0" MUST BE SLOPED FROM EXCAVATION BOTTOM OR SPECIAL DESIGN BY S.E. SEE ARTICLE 522.07 FOR TEMPORARY SOIL RETENTION SYSTEM	1' : 1'

OPTIONAL CONFIGURATIONS MAY BE CONSTRUCTED IN ACCORDANCE WITH OSHA REQUIREMENTS CONTAINED IN THE CODE OF FEDERAL REGULATIONS LABOR 29 PART 1926 SUBPART P - EXCAVATIONS.

WHEN THE CONTRACTOR CONTRACTS THE TRENCH WITH SLOPED OR BENCHED SIDES, NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR POROUS GRANULAR BACKFILL OUTSIDE THE VERTICAL LIMITS OF THE SPECIFIED TRENCH WIDTH.

SEE ARTICLE 107.28 FOR CONTRACTOR SAFETY RESPONSIBILITY.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

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USER NAME = brandenburgjtj	DESIGNED -	REVISED - 08/17 TJB
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 9/9/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

POROUS GRANULAR BACKFILL
STA. 121 + 96.40

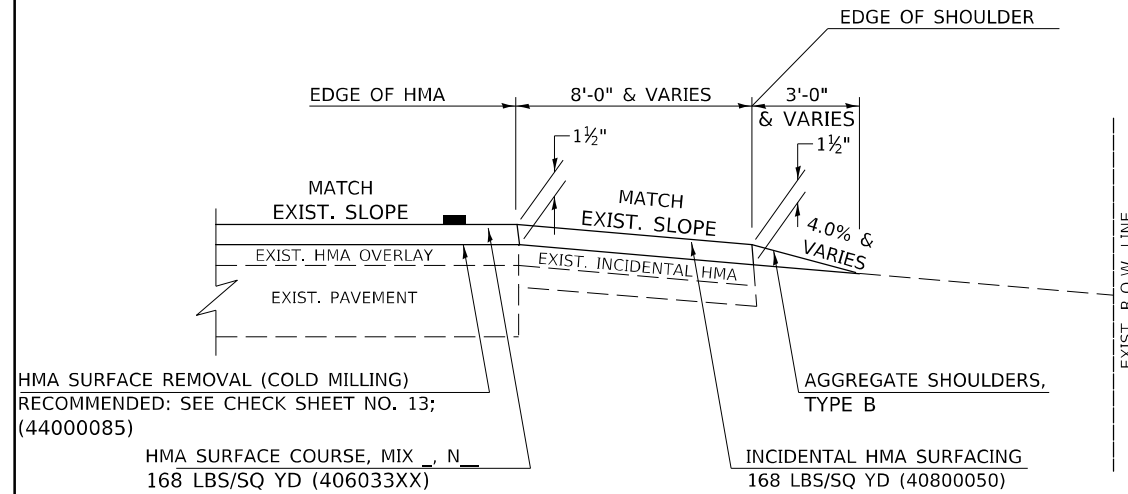
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DISTRICT 5 DETAIL NO. 20900110

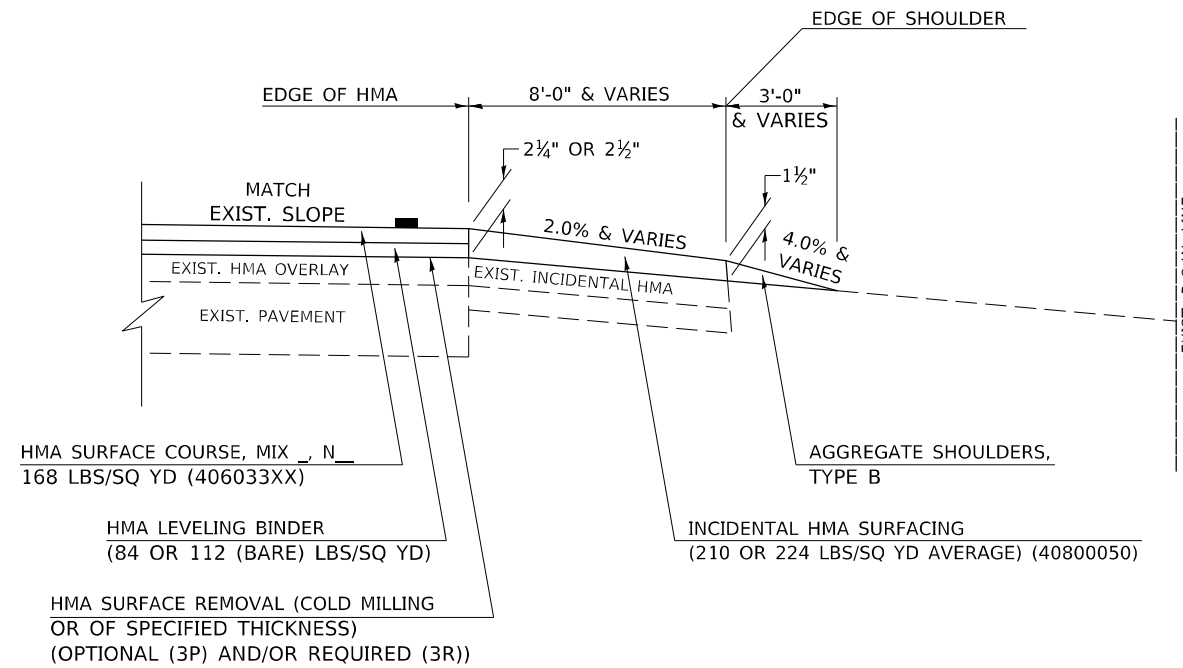
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	(1,119)DR	CHAMPAIGN	74	30
			CONTRACT NO. 70C07	
ILLINOIS FED. AID PROJECT				

PROJECTS WITHOUT RECONSTRUCTION

S.M.A.R.T. IMPROVEMENTS (POLICY RESURFACING; BDE 53-4.03; 1½")



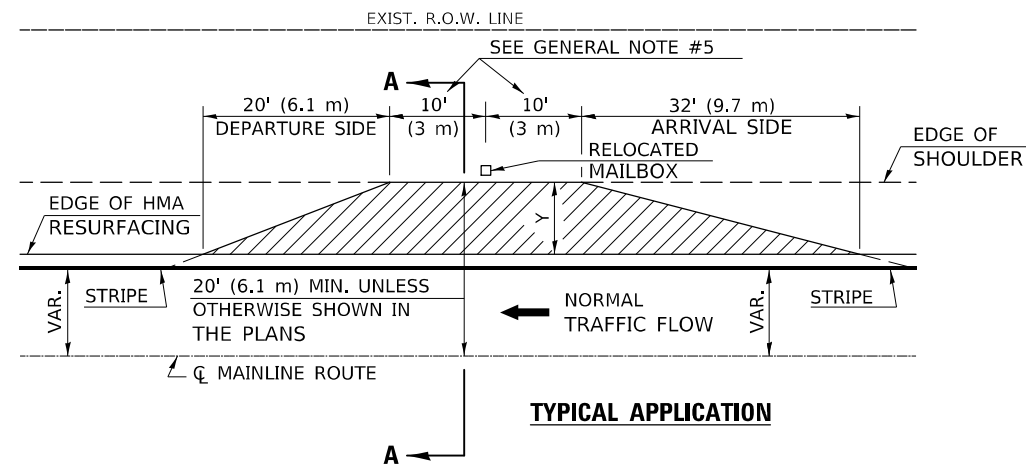
"3P" OR "3R" IMPROVEMENTS (POLICY RESURFACING; BDE 53-4.02; 2¼" OR 2½" ON BARE CONCRETE)



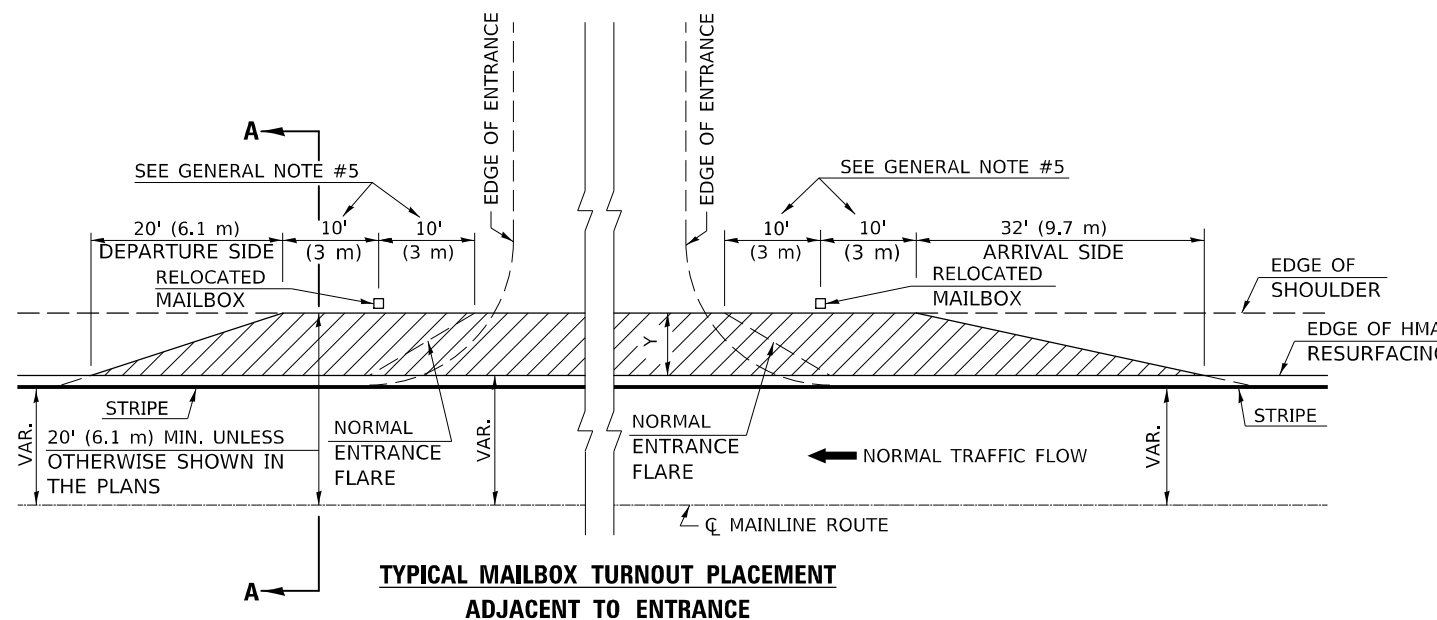
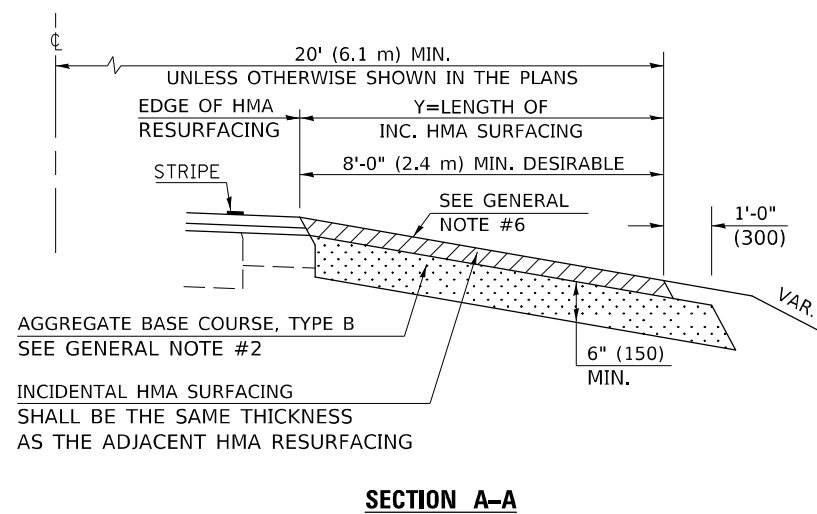
GENERAL NOTES

1. THE EXISTING SURFACE SHALL BE PREPARED IN ACCORDANCE WITH SECTION 408 OF THE STANDARD SPECIFICATIONS.
2. AGGREGATE BASE COURSE, TYPE B, 6" (150) MIN. SHALL BE USED WHERE IN THE OPINION OF THE ENGINEER THERE IS NOT SUFFICIENT BASE MATERIAL FOR THE PROPOSED MAILBOX TURNOUTS. THIS MATERIAL SHALL GENERALLY BE USED TO WIDEN ALL EXISTING MAILBOX TURNOUTS OR TO CONSTRUCT NEW MAILBOX TURNOUTS WHERE NONE NOW EXISTS.
3. ANY NECESSARY WORK BEHIND THE INCIDENTAL HMA SURFACING SHALL BE AS SHOWN IN THE PLANS AND/OR AS DIRECTED BY THE ENGINEER.
4. THE TEMPORARY RELOCATION OF EXISTING MAILBOXES SHALL BE IN ACCORDANCE WITH ARTICLE 107.20 OF THE STANDARD SPECIFICATIONS.
5. WHEN MORE THAN ONE RELOCATED MAILBOX IS INCLUDED IN A PARTICULAR LOCATION THE TWO 10' (3 m) DIMENSIONS AS SHOWN ABOVE SHALL BE FROM THE END MAILBOX.
6. CROSS SLOPE SHALL BE AS SHOWN ON THE STATION CROSS SECTIONS AND/OR AS DIRECTED BY THE ENGINEER.
MINIMUM 4% (1/2") DESIRABLE; MAXIMUM 8% (1")
7. WHEN MAILBOX TURNOUTS ARE CONSTRUCTED ADJACENT TO FIELD ENTRANCES, THE WIDTH OF THE INCIDENTAL HMA SURFACING CONSTRUCTED FOR THE FIELD ENTRANCE SHALL MATCH THE WIDTH OF THE PROPOSED MAILBOX TURNOUT SURFACING.
8. THE TOTAL SHOULDER WIDTH, 2.4 m (8') MINIMUM, SHALL BE PAVED BETWEEN SIDEROADS ENTRANCES AND/OR MAILBOX TURNOUTS AT LOCATIONS WHERE THE DISTANCE BETWEEN RADIUS OR TAPER CONTROL POINTS IS LESS THAN 15.0 m (50').
9. MAILBOXES SHALL BE MOUNTED SUCH THAT THE FACE OF THE MAILBOX IS 6" (150 mm) TO 12" (300 mm) AND THE POST A MINIMUM OF 24" (600 mm) FROM THE EDGE OF THE TURNOUT SURFACING.

PROJECTS WITH RECONSTRUCTION ("3R" IMPROVEMENTS)



WIDTH OF SHOULDER	4'-0" - 8'-0" (1.2 m - 2.4 m)	10'-0" (3.0 m)
WIDTH OF TURNOUT "Y"	8'-0" (2.4 m)	8'-0" - 10'-0" (2.4 m - 3.0 m)



Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 40800050B

USER NAME = plersonbr	DESIGNED -	REVISOR -
	DRAWN -	REVISOR -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISOR -
PLOT DATE = 9/8/2021	DATE -	REVISOR -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAILBOX TURNOUT (RURAL)

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

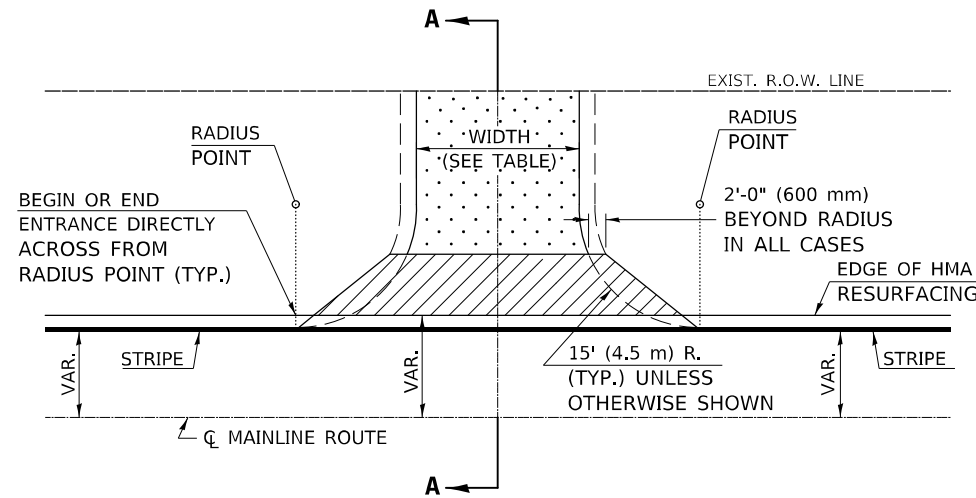
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	(1,119)DR	CHAMPAIGN	74	31
			CONTRACT NO. 70C07	
		ILLINOIS FED. AID PROJECT		

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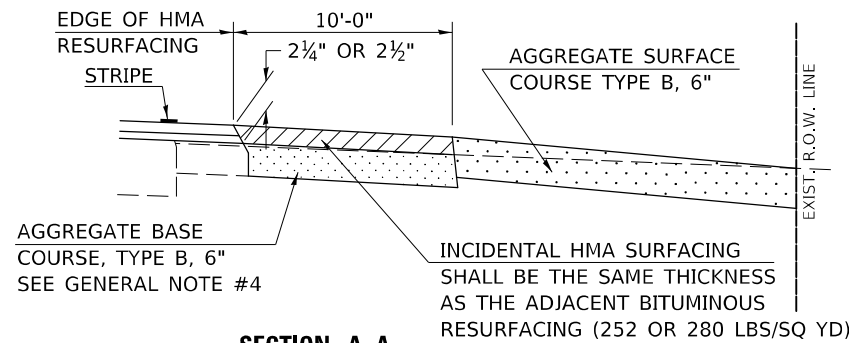
PROJECTS WITH RECONSTRUCTION

AGGREGATE ENTRANCE

(3R IMPROVEMENTS)

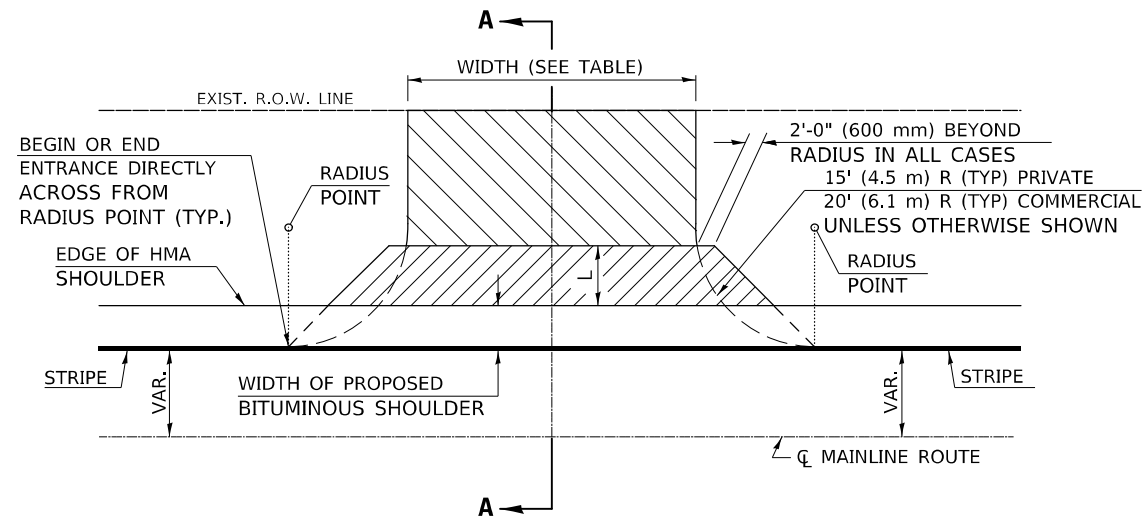


TYPICAL APPLICATION

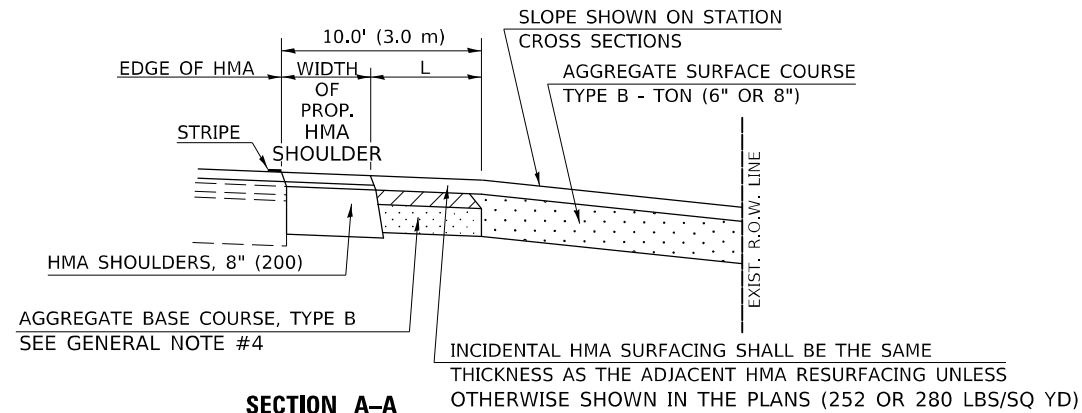


SECTION A-A

HMA OR PCC ENTRANCE



TYPICAL APPLICATION



SECTION A-A
"HMA EXAMPLE"

GENERAL NOTES

1. THE EXISTING SURFACE SHALL BE PREPARED IN ACCORDANCE WITH SECTION 408 OF THE STANDARD SPECIFICATIONS.
2. ANY NECESSARY WORK BEHIND THE HMA SHOULDER OR THE INCIDENTAL HMA SURFACING SHALL BE AS SHOWN IN THE PLANS AND/OR AS DIRECTED BY THE ENGINEER.
3. EARTH EXCAVATION REQUIRED FOR THE CONSTRUCTION OF THE AGGREGATE SURFACE COURSE SHALL BE INCLUDED IN THE COST OF AGGREGATE SURFACE COURSE.
4. AGGREGATE BASE COURSE, TYPE B, 6" (150 mm) MIN. SHALL BE USED WHERE IN THE OPINION OF THE ENGINEER THERE IS NOT SUFFICIENT BASE MATERIAL FOR THE PROPOSED ENTRANCES. THIS MATERIAL SHALL GENERALLY BE USED TO WIDEN ANY EXISTING RETURN OR TO CONSTRUCT NEW ENTRANCES WHERE NONE NOW EXISTS.
5. THE AGGREGATE BASE COURSE SHALL BE CONSTRUCTED 12" (300 mm) WIDER THAN THE SURFACE DIMENSIONS AS SHOWN ABOVE.
6. THE AGGREGATE BASE COURSE SHALL BE CONSTRUCTED 12" (300 mm) WIDER THAN THE SURFACE DIMENSIONS AS SHOWN ABOVE.
7. EXISTING FIELD ENTRANCES OF AGGREGATE OR EARTH WITH NO HMA APRON SHALL NOT RECEIVE A NEW HMA APRON WITHOUT PROPER APPROVAL THROUGH THE BUREAU OF OPERATIONS "POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS".

TO ASSURE APPROPRIATE ACCESS POLICIES ARE FOLLOWED ALL NEW ACCESS SHALL BE APPLIED FOR THROUGH THE BUREAU OF OPERATIONS PERMIT APPLICATION PROCESS. PLAN PREPARATION MEMORANDUMS 40-09 ALONG WITH DISTRICT PROJECT IMPLEMENTATION MEMO 104/01 DISCUSS THIS PROCEDURE.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

RURAL ENTRANCE DESIGN STANDARDS (PPM 40-09)

DESIGN ELEMENT	NEW CONSTRUCTION & 3R with CONSTRUCTION						3R w/out RECONSTRUCTION, 3P, SMART & CM								
	NONCOMMERCIAL			FIELD W/FARM IMPLEMENTS			COMMERCIAL			NONCOMMERCIAL			COMMERCIAL		
	min.	des.	max.	min.	max.	min.	des.	max.	min.	des.	max.	min.	des.	max.	
SURFACE WIDTH (FT)	12	16	24	24	30	1 LANE, 1 WAY			1 LANE, 1 WAY			1 LANE, 1 WAY			
						14	16	24							
RADIUS (FT)	15	25	40	30	30	2 LANE, 2 WAY			2 LANE, 2 WAY			2 LANE, 2 WAY			
						24	30	35							
SHOULDER WIDTH (FT)	2	2		2		1	3		resurface existing configuration; existing aggregate or earth entrances shall have the continuation of aggregate shoulders placed behind them						
SHOULDER SLOPE (%)	2	4	6	4		2	4	6							
ENTRANCE GRADE (%)	0	2 to 5	10 or 12	2 to 5	10 or 12	0	2 to 5	8 or 10							
SIDE SLOPE (FT)	1:10	1:6	1:4	1:6	1:4	1:10	1:6	1:4							
SURFACE TYPE															
INCIDENTAL HMA SURFACING (INCH)		2		2		3 or 4			taper from hma resurfacing thickness (2 1/2", 2 1/4" or 1 1/2") to 1 1/2" to minimize aggregate shoulder						
AGGREGATE SURFACE COURSE, TYPE B (INCH)		6		6		8			if applicable, use items: Preparation of Base & Aggregate Base Repair; see PPM 30-02						
PCC DRIVEWAY PAVEMENT (INCH)		6						6 or 8							

DISTRICT 5 DETAIL NO. 40800050C

USER NAME = plersonbr	DESIGNED -	REVISED - 09/07 KAG
	DRAWN -	REVISED - 05/08 KJT
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED - 04/10 KJT
PLOT DATE = 9/8/2021	DATE -	REVISED - 3/6/17 SWN

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PRIVATE COMMERCIAL ENTRANCES
(NONCOMMERCIAL AND COMMERCIAL RURAL)

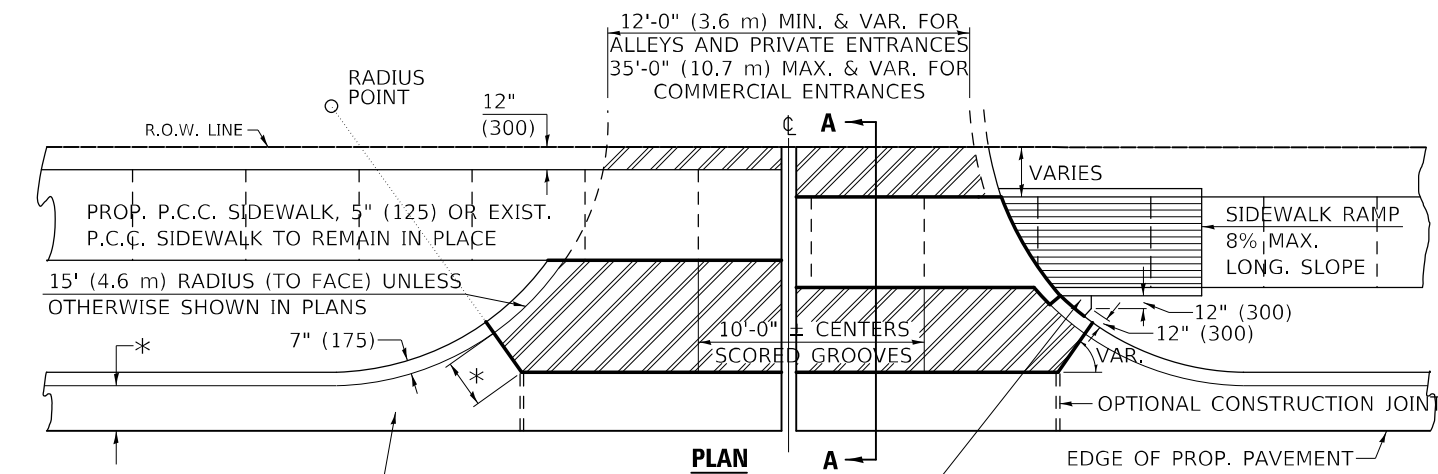
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	(1,119)DR	CHAMPAIGN	74	33
			CONTRACT NO. 70C07	
ILLINOIS FED. AID PROJECT				

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GENERAL NOTES

1. THIS LONGITUDINAL CURB EXPANSION JOINT SHALL BE PLACED ONLY WHERE THE PROPOSED P.C. CONCRETE SIDEWALK OR DRIVEWAY PAVEMENT MEETS AN EXISTING CONCRETE ENTRANCE. THE P.C.C. DRIVEWAY PAVEMENT WILL BE POURED MONOLITHIC WITH THE P.C.C. SIDEWALK WHEN THE DISTANCE BETWEEN THE SIDEWALK AND RIGHT-OF-WAY IS LESS THAN OR EQUAL TO 24" (600 mm). THE LONGITUDINAL EXPANSION JOINT BETWEEN THE DRIVEWAY PAVEMENT AND SIDEWALK WILL NOT BE NEEDED UNLESS THE DISTANCE EXCEEDS 24" (600 mm).
2. THE LONGITUDINAL CURB EXPANSION JOINT SHALL CONFORM TO SECTION 1051 OF THE STANDARD SPECS.
3. DRIVEWAYS THAT WILL MEET EXISTING OR PROPOSED CURB NEAR THE R.O.W. LINE SHALL HAVE THE CURB CONSTRUCTED FULL HEIGHT TO THE R.O.W. LINE.
4. DRIVEWAYS THAT WILL BE CONSTRUCTED WITH FULL HEIGHT CURBS AND NOT MEETING EXISTING OR PROPOSED CURBS NEAR THE R.O.W. LINE SHALL HAVE THE CURB SLOPED AS SHOWN ABOVE.
5. DEPRESSED CURB SHALL BE BUILT ONLY AT PRIVATE DRIVES WITH NO SIDEWALK RAMPS.
6. THE ENTRANCE GRADES WILL BE AS SHOWN ON THE STATION CROSS SECTIONS AND AS DIRECTED BY THE ENGINEER.
7. THE P.C. CONCRETE DRIVEWAY PAVEMENT SHALL BE CONSTRUCTED WITH SCORED GROOVES, AS SPECIFIED IN ARTICLE 424.06 OF THE STANDARD SPECIFICATIONS, AT APPROXIMATELY EVERY OTHER JOINT, EITHER IN THE EXISTING SIDEWALK OR THE PROPOSED SIDEWALK. THE PROPOSED P.C. CONCRETE SIDEWALK SHALL BE CONSTRUCTED PRIOR TO CONSTRUCTING THE P.C. CONC. DRIVEWAY PAVEMENT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
8. THE COMBINATION CONCRETE CURB AND GUTTER SHALL BE CONSTRUCTED AS SHOWN AND WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER LIN.FT. (METER) FOR COMBINATION CONCRETE CURB AND GUTTER OF THE TYPE SPECIFIED IN THE PLANS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
9. THE P.C. CONCRETE SIDEWALK SHALL BE CONSTRUCTED AS SHOWN ABOVE AND WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQ.FT. (m²) FOR P.C. CONCRETE SIDEWALK OF THE THICKNESS SPECIFIED IN THE PLANS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE EXTRA THICKNESS AS SHOWN ABOVE OR THE SEQUENCE OF CONSTRUCTION AS SPECIFIED.
10. BEFORE A CHANGE IN THE METHOD OF CONSTRUCTION IS ALLOWED, THE REQUEST SHALL BE SUBMITTED IN WRITING AND MUST BE APPROVED BY THE ENGINEER.
11. THE VARIABLE HEIGHT CURB ADJACENT TO THE P.C. CONCRETE DRIVEWAY PAVEMENT SHALL BE CONSTRUCTED MONOLITHIC WITH AND INCLUDED IN THE AREA OF THE P.C. CONCRETE DRIVEWAY PAVEMENT OF THE THICKNESS SPECIFIED IN THE PLANS. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQ.YD. (m²) FOR P.C. CONCRETE DRIVEWAY PAVEMENT OF THE THICKNESS SPECIFIED AS SPECIFIED, THE SCORED GROOVES, THE LONGITUDINAL CURB EXPANSION JOINTS, AND THE ADDITIONAL THICKNESS REQUIRED ADJACENT TO THE DEPRESSED COMBINATION CONCRETE CURB AND GUTTER, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.



PLAN

PROP. P.C.C. SIDEWALK, 5" (125) OR EXIST. P.C.C. SIDEWALK TO REMAIN IN PLACE

15' (4.6 m) RADIUS (TO FACE) UNLESS OTHERWISE SHOWN IN PLANS

7" (175)

12" (300)

10'-0" ± CENTERS SCORED GROOVES

12" (300)

12" (300)

EDGE OF PROP. PAVEMENT

OPTIONAL CONSTRUCTION JOINT

VARIES

SIDEWALK RAMP 8% MAX. LONG. SLOPE

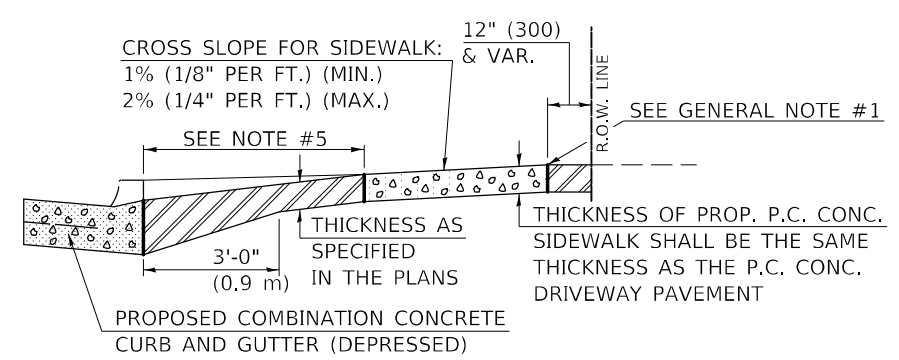
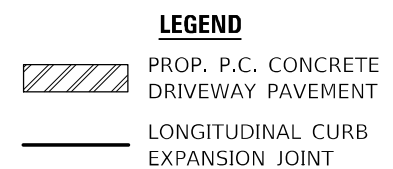
12'-0" (3.6 m) MIN. & VAR. FOR ALLEYS AND PRIVATE ENTRANCES
35'-0" (10.7 m) MAX. & VAR. FOR COMMERCIAL ENTRANCES

P.C. CONCRETE SIDEWALK, 5" (125) SHALL BE POURED BETWEEN THE CURB OF THE DRIVEWAY AND SIDEWALK RAMP, WHERE IN THE OPINION OF THE ENGINEER, CONSTRUCTION WILL CREATE A MOWING PROBLEM (I.E. POINTED AREAS ADJACENT TO HIGH CURBS).

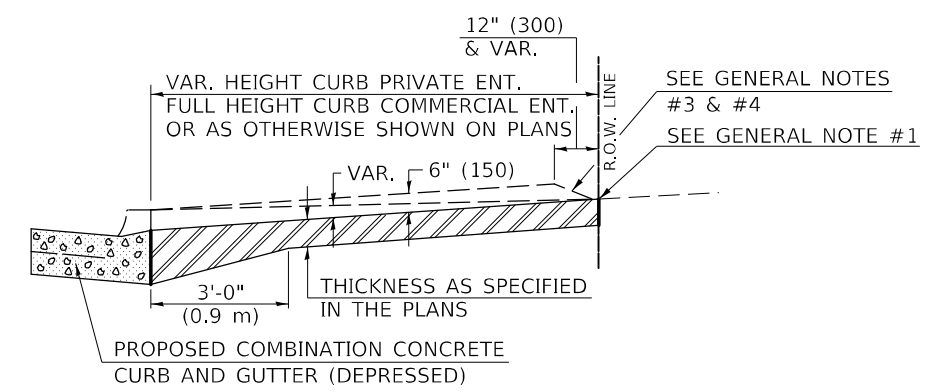
* WIDTH OF PROPOSED GUTTER FLAG

NOTE: SIDEWALK RAMPS SHALL BE CONSTRUCTED AT COMMERCIAL ENTRANCES. AT PRIVATE ENTRANCES RAMPS SHALL USUALLY BE NEEDED WHERE NARROW BOULEVARDS OR RADII GREATER THAN 15' (4.6 m) ARE CONSTRUCTED. THE BACK CURB RAMPS AT PRIVATE ENTRANCES MAY BE ELIMINATED IF GRADING CAN BE ACCOMPLISHED WITHOUT THE CURB.

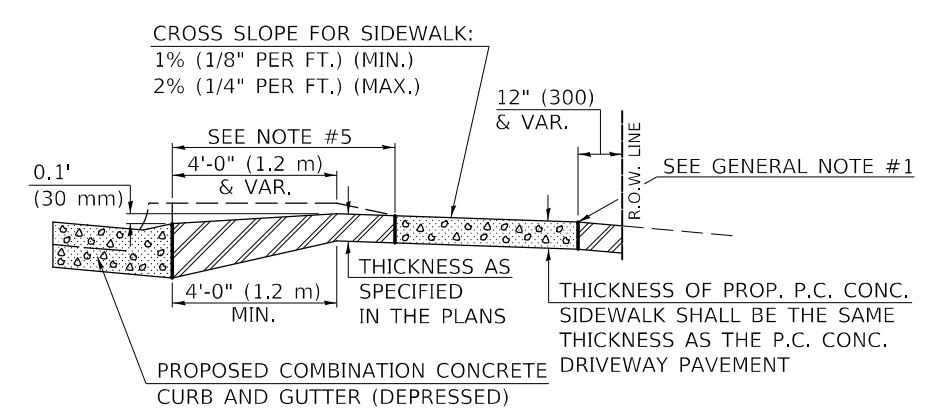
NOTE: THE ENTRANCE WIDTHS SHOWN ON THE PLANS SHALL BE INTERPRETED TO BE THE WIDTHS AT THE COMPLETED RADIUS, WHICH MAY BE LOCATED BEHIND THE R.O.W. LINE.



SECTION A-A WITH POSITIVE GRADE



SECTION A-A WITHOUT SIDEWALK



SECTION A-A WITH NEGATIVE GRADE

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

URBAN ENTRANCE DESIGN STANDARDS (PPM 40-09)												
DESIGN ELEMENT	NEW CONSTRUCTION & 3R with CONSTRUCTION			3R w/out RECONSTRUCTION, 3P, SMART & CM			NONCOMMERCIAL			COMMERCIAL		
	min.	des.	max.	min.	des.	max.	min.	des.	max.	min.	des.	max.
SURFACE WIDTH (FT)	12	12 or 14	24	1 LANE, 1 WAY			1 LANE, 1 WAY			1 LANE, 1 WAY		
				14	16	24	2 LANE, 2 WAY			2 LANE, 2 WAY		
		with		24	30	35	resurface existing configuration; existing hma or pcc entrances shall have "butt joints" constructed; existing aggregate or earth entrances shall have the continuation of aggregate shoulders placed behind them					
RADIUS (FT)	12	15 or 12	25	15	30	40						
ENTRANCE GRADE (%)	0	2 to 5	8	0	2 to 4	6						
SURFACE TYPE												
INCIDENTAL HMA SURFACING (INCH)				3 or 4			taper from hma resurfacing thickness (2 1/2", 2 1/4" or 1 1/2") to 1 1/2" for "butt joints" and to minimize aggregate shoulder					
AGGREGATE SURFACE COURSE, TYPE A (INCH)				8			if applicable, use items: Preparation of Base & Aggregate Base Repair; see PPM 30-02					
PCC DRIVEWAY PAVEMENT (INCH)	3	6		6 or 8								

DISTRICT 5 DETAIL NO. 42300AAA

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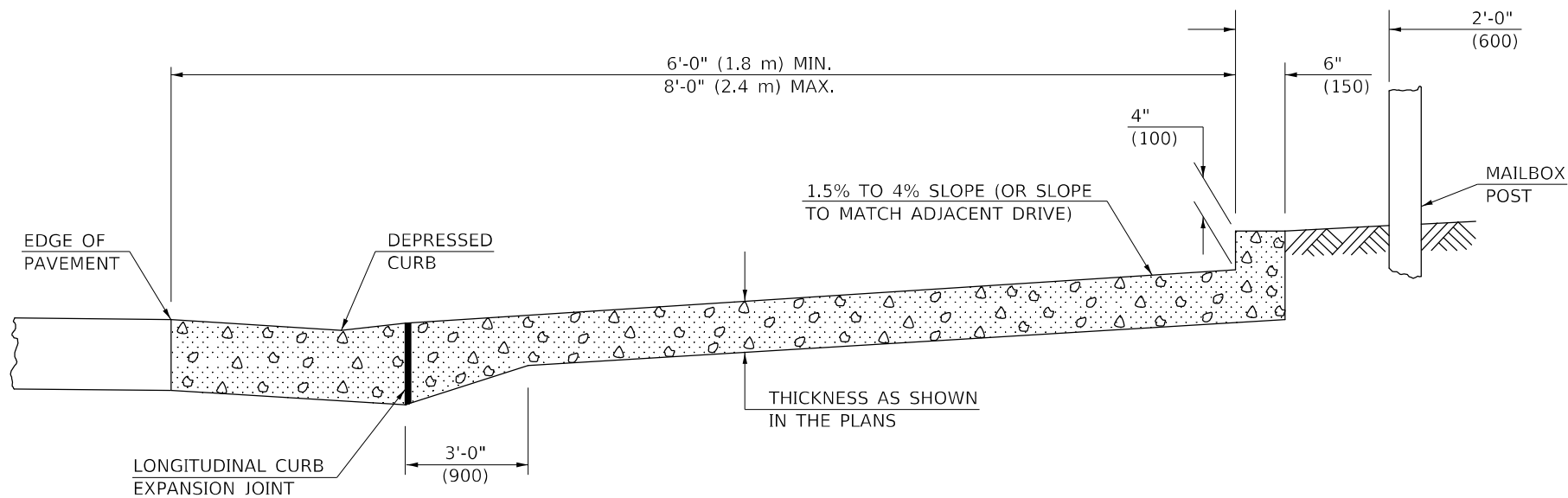
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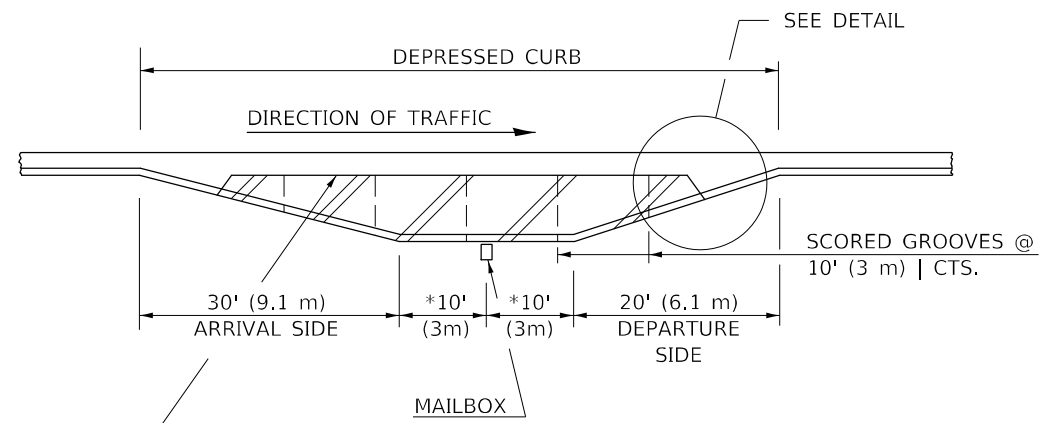
DRIVEWAY PAVEMENT (PCC) (NON & COMMERCIAL URBAN)

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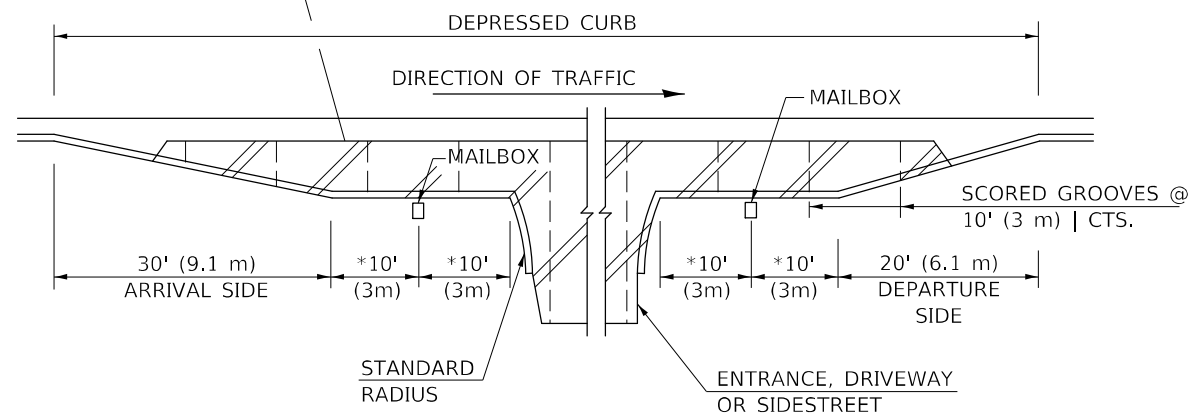
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	(1,119)DR	CHAMPAIGN	74	34
CONTRACT NO. 70C07				
ILLINOIS FED. AID PROJECT				



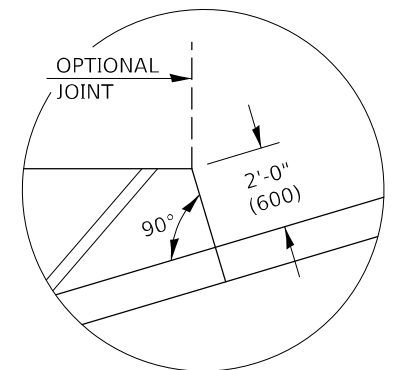
TYPICAL CROSS SECTION



* IF MORE THAN ONE MAILBOX PRESENT, THIS DIMENSION FROM END BOX



TYPICAL INSTALLATIONS



TYPICAL CORNER DETAIL

GENERAL NOTES

1. THE LONGITUDINAL CURB EXPANSION JOINT SHALL CONFORM TO SECTION 1051 OF THE STANDARD SPECIFICATIONS.
2. THE MAILBOX TURNOUT CROSS SLOPE WILL BE AS SHOWN ABOVE, AS SHOWN ON THE STATION CROSS SECTIONS, OR AS DIRECTED BY THE ENGINEER.
3. THE MAILBOX TURNOUT SHALL BE CONSTRUCTED WITH SCORED GROOVES AT APPROXIMATELY 10' (3 m) CENTERS. IN THE EVENT THERE IS EXISTING OR PROPOSED SIDEWALK PRESENT, THESE SCORED GROOVES SHALL BE PLACED IN LINE WITH EVERY OTHER JOINT IN THE ADJACENT SIDEWALK.
4. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (m²) FOR P.C. CONCRETE DRIVEWAY PAVEMENT OF THE THICKNESS SPECIFIED IN THE PLANS WHICH PRICE SHALL INCLUDE THE LONGITUDINAL CURB EXPANSION JOINT, MONOLITHIC CURB AS SHOWN, SCORED GROOVES, AND THE ADDITIONAL THICKNESS REQUIRED ADJACENT TO THE DEPRESSED COMBINATION CONCRETE CURB AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

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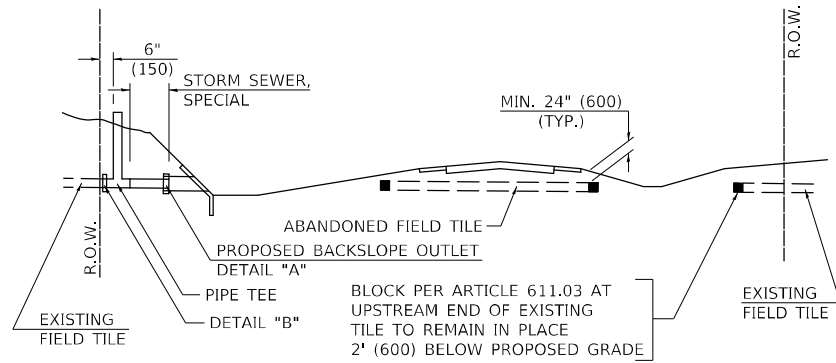
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DEPARTMENT OF TRANSPORTATION**

MAILBOX TURNOUT (URBAN IN CURB & GUTTER)

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

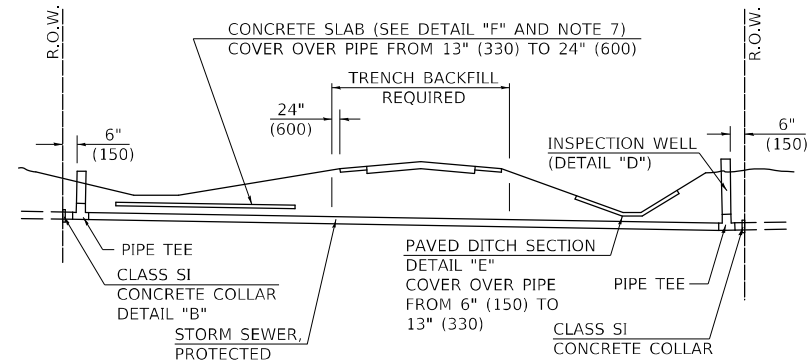
DISTRICT 5 DETAIL NO. 42300CCC

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 70C07				
ILLINOIS FED. AID PROJECT				



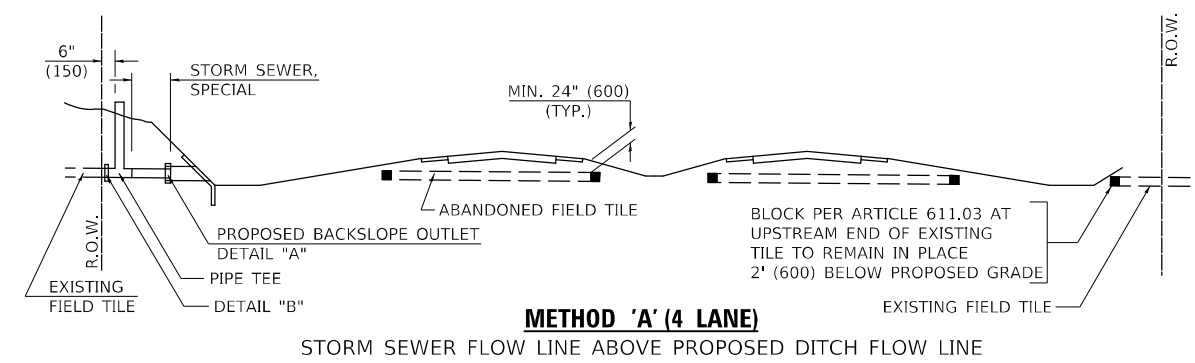
METHOD 'A' (2 LANE)

STORM SEWER FLOW LINE ABOVE PROPOSED DITCH FLOW LINE



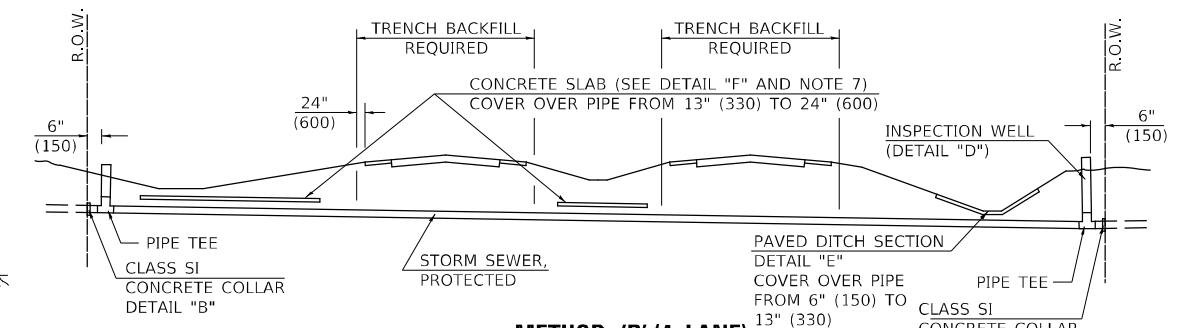
METHOD 'B' (2 LANE)

STORM SEWER LESS THAN 2' (600 mm) BELOW DITCH FLOW LINE AND STORM SEWERS CROSSING UNDER PAVEMENT AND PAVED DITCH



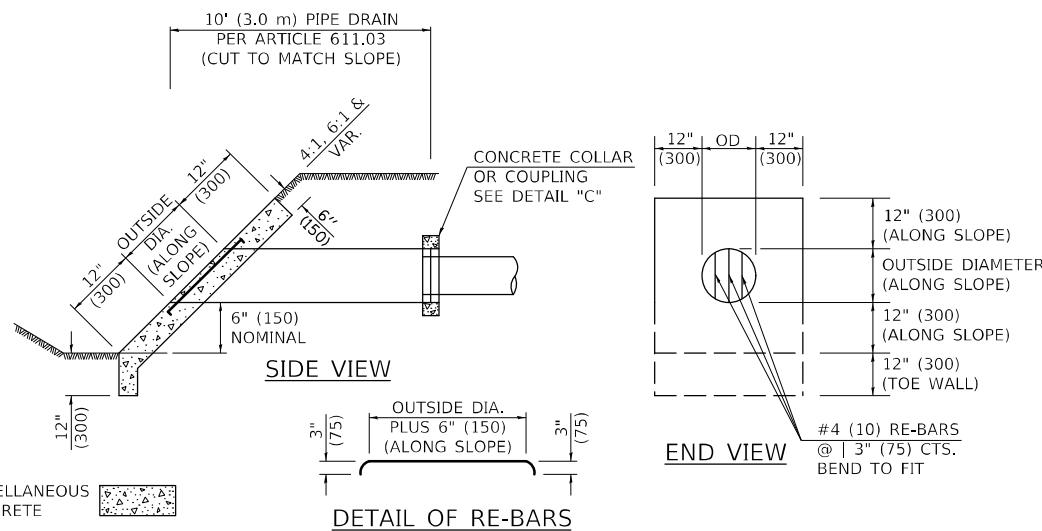
METHOD 'A' (4 LANE)

STORM SEWER FLOW LINE ABOVE PROPOSED DITCH FLOW LINE

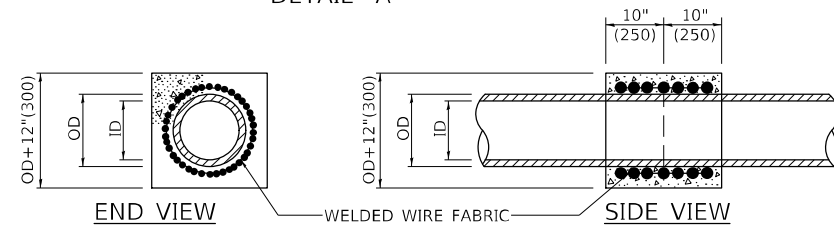


METHOD 'B' (4 LANE)

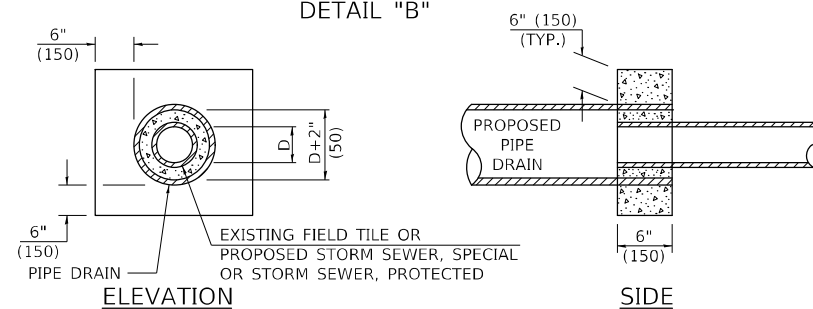
STORM SEWER LESS THAN 2' (600 mm) BELOW DITCH FLOW LINE AND STORM SEWERS CROSSING UNDER PAVEMENTS AND PAVED DITCHES



**HEADWALL FOR BACKSLOPE OUTLET
DETAIL "A"**



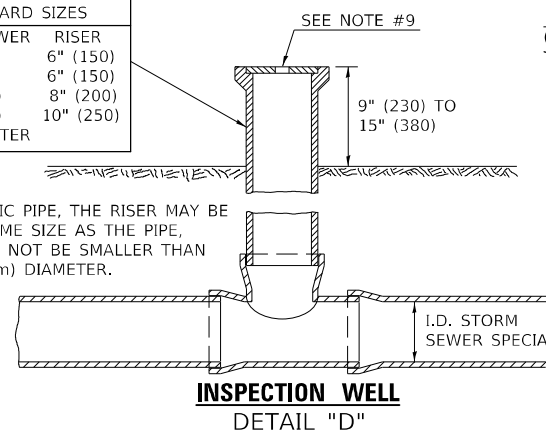
**CONCRETE COLLAR
DETAIL "B"**



**CLASS SI COLLAR
DETAIL "C"**

CONCRETE PIPE STANDARD SIZES	
STORM SEWER	RISER
6" (150)	6" (150)
8" (200)	6" (150)
10" (250)	8" (200)
12" (300)	8" (200)
OR GREATER	10" (250)

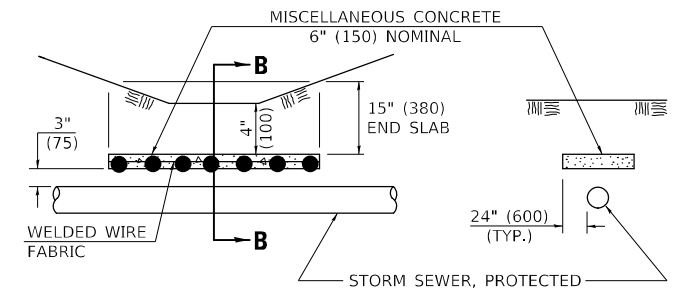
FOR PLASTIC PIPE, THE RISER MAY BE OF THE SAME SIZE AS THE PIPE, BUT SHALL NOT BE SMALLER THAN 4" (100 mm) DIAMETER.



**INSPECTION WELL
DETAIL "D"**

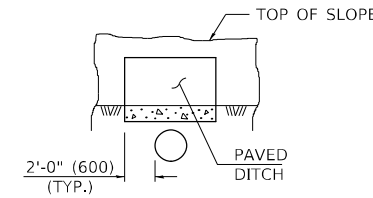
GENERAL NOTES

- EXISTING FIELD TILE ENCOUNTERED BY EXPLORATION TRENCH SHALL BE INSPECTED BY THE ENGINEER FOR UNOBSTRUCTED FLOW WITHIN THE LIMITS OF THE RIGHT-OF-WAY.
- ONLY FIELD TILE THAT DOES NOT HAVE SATISFACTORY FLOW AND OR HAS VISIBLE SIGNS OF DETERIORATION (SINK HOLES, ETC.) SHALL BE REPLACED WITHIN THE LIMITS OF THE RIGHT-OF-WAY IN ACCORDANCE WITH METHOD "B".
- INSPECTION WELLS SHALL BE CONSTRUCTED APPROXIMATELY 6" (150 mm) INSIDE OF BOTH RIGHT-OF-WAY LINES AT ALL FIELD TILE LOCATIONS.
- EXISTING FIELD TILE ABANDONED UNDER EXISTING PAVEMENTS OR PAVED SHOULDERS SHALL BE FILLED WITH FLOWABLE GROUT AS DIRECTED BY THE ENGINEER. THIS WORK WILL BE PAID FOR ACCORDING TO ARTICLE 109.04.
- NON-CIRCULAR FIELD TILE SHALL BE REPLACED WITH STORM SEWER, SPECIAL OF AT LEAST THE SAME CROSS SECTIONAL AREA. ALL EXISTING FIELD TILE SHALL BE REPLACED WITH STORM SEWER OF THE TYPE REQUIRED FOR THE MINIMUM DEPTH OF COVER.
- THE 6" (150 mm) CONCRETE SLAB OR DITCH LINING SHALL BE POURED THE LENGTH OF THE TRENCH AT ALL DITCH FLOW LINE LOCATIONS WITHIN THE RIGHT-OF-WAY WITH LESS THAN 2' (600 mm) OF EARTH COVER. MISCELLANEOUS CONCRETE SHALL BE USED ACCORDING TO SECTION 611.
- ALL MISCELLANEOUS SLABS, APRONS AND DITCH LININGS SHALL BE REINFORCED WITH WELDED WIRE FABRIC AS SHOWN FOR PAVED DITCH IN STANDARD 606401.
- HEADWALL FOR BACKSLOPE OUTLET MAY BE USED FOR PIPE DRAIN DIAMETERS UP TO 10" (250 mm). SPECIAL DESIGNS WILL BE REQUIRED FOR LARGER SIZES.
- THE INSPECTION WELL LID FOR P.C.C. PIPE SHALL BE CONSTRUCTED OF 3/8" (10 mm) CAST IRON AND PROVIDED WITH A 1" (25 mm) DIAMETER HOLE IN CENTER. THE LID FOR THE OTHER PIPE MATERIALS SHALL BE A GRATE ASSEMBLY PREFABRICATED FOR AND COMPATIBLE WITH THE PIPE SYSTEM.



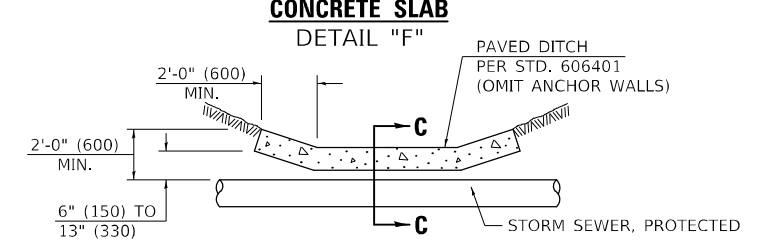
SLAB ELEVATION

SECTION B-B



SECTION C-C

**PAVED DITCH
DETAIL "E"**



PAVED DITCH ELEVATION

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 61101011A

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PLOT DATE = 9/8/2021	DATE -	REVISED -

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DEPARTMENT OF TRANSPORTATION**

FIELD TILE SYSTEMS (TREATMENT OF EXISTING)

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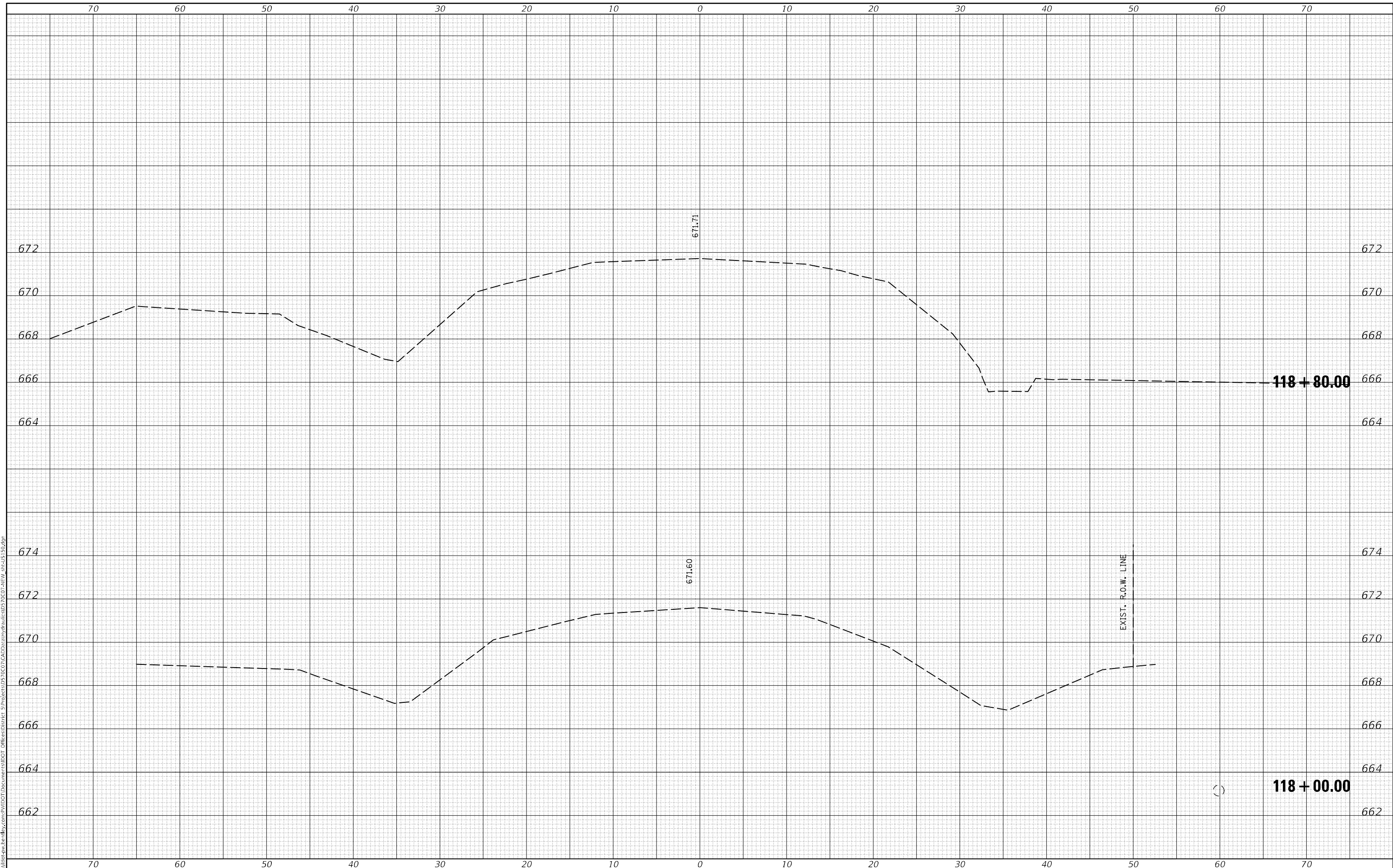
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			CONTRACT NO. 70C07	
			ILLINOIS FED. AID PROJECT	

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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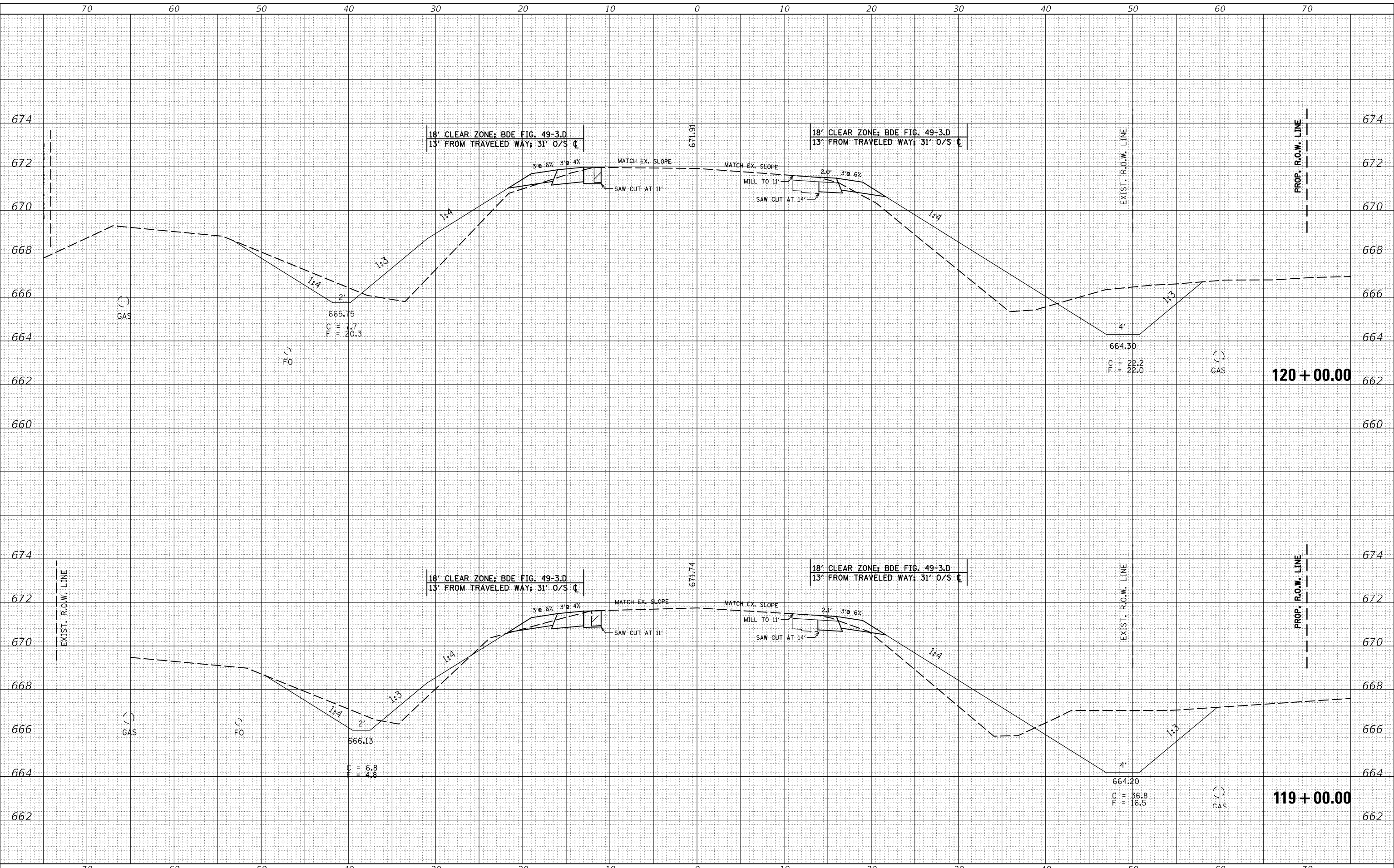
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1512	(1,119)DR	CHAMPAIGN	74	37
			CONTRACT NO. 70C07	
			ILLINOIS FED. AID PROJECT	

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

US 150 CROSS SECTION

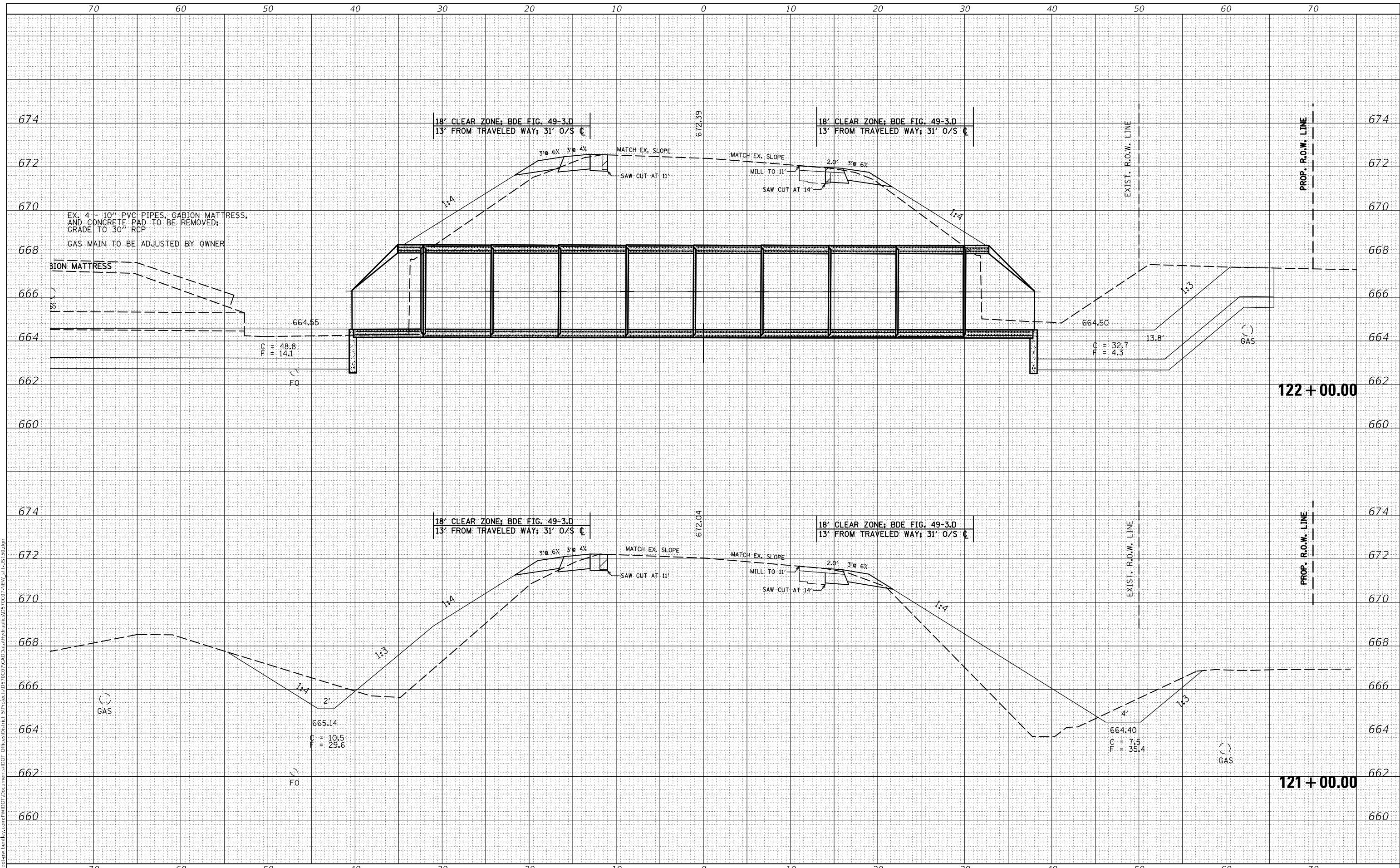
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	(1,119)DR	CHAMPAIGN	74	38
			CONTRACT NO. 70C07	
ILLINOIS FED. AID PROJECT				

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

US 150 CROSS SECTION

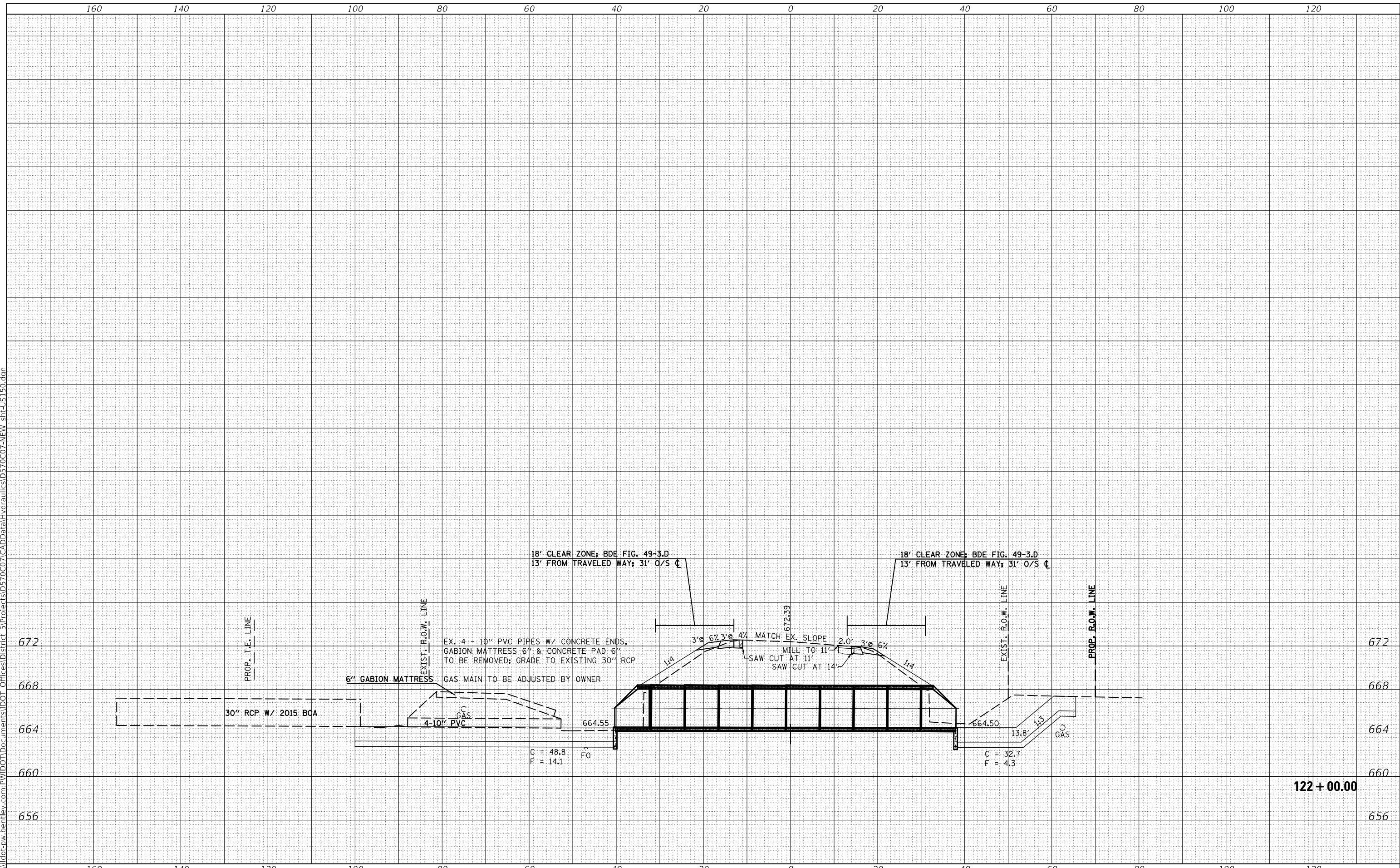
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1512	(1,119)DR	CHAMPAIGN	74	39
			CONTRACT NO. 70C07	
ILLINOIS FED. AID PROJECT				

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STATE OF ILLINOIS
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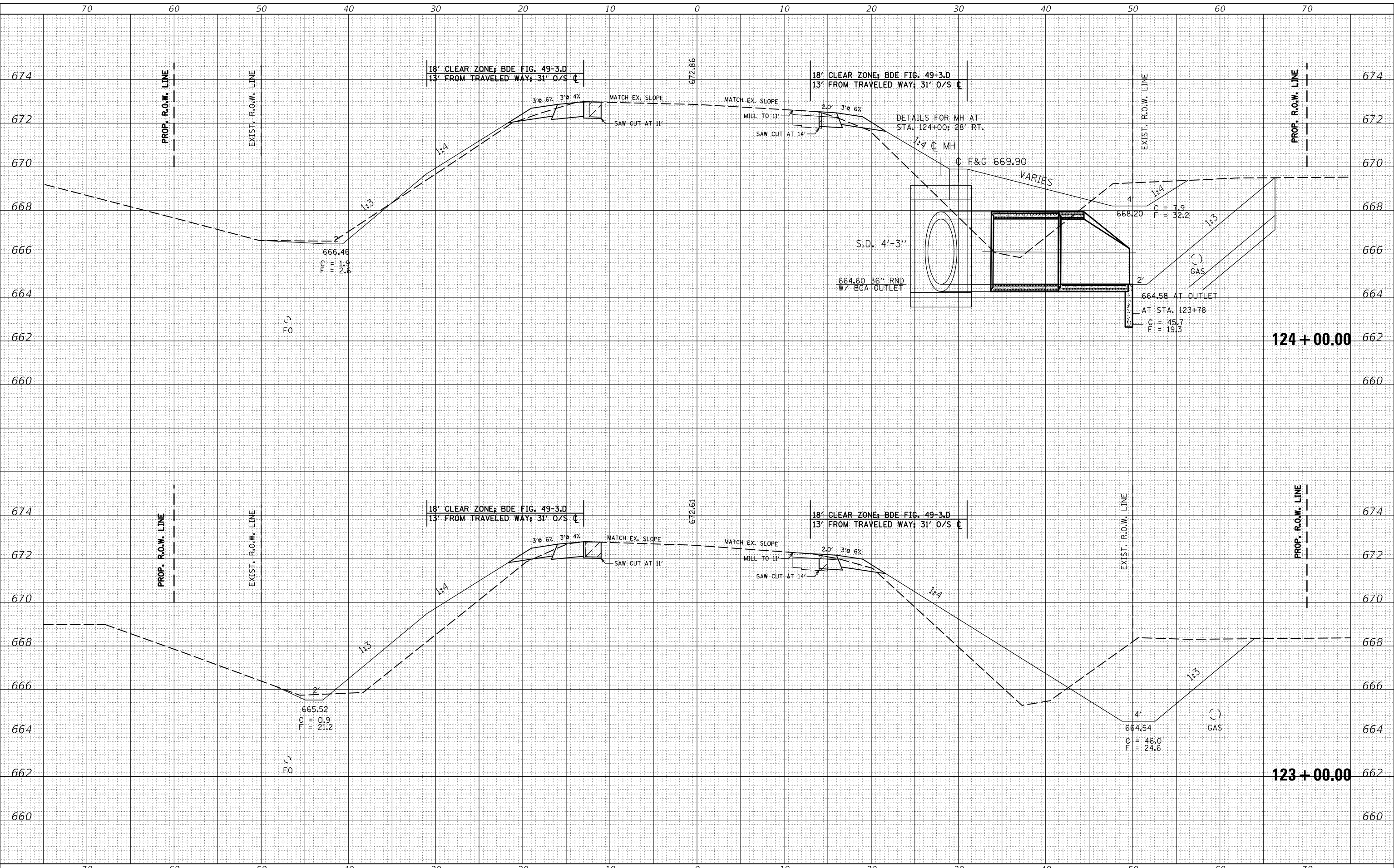
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ILLINOIS AID PROJECT			CONTRACT NO. 70C07	

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DEPARTMENT OF TRANSPORTATION**

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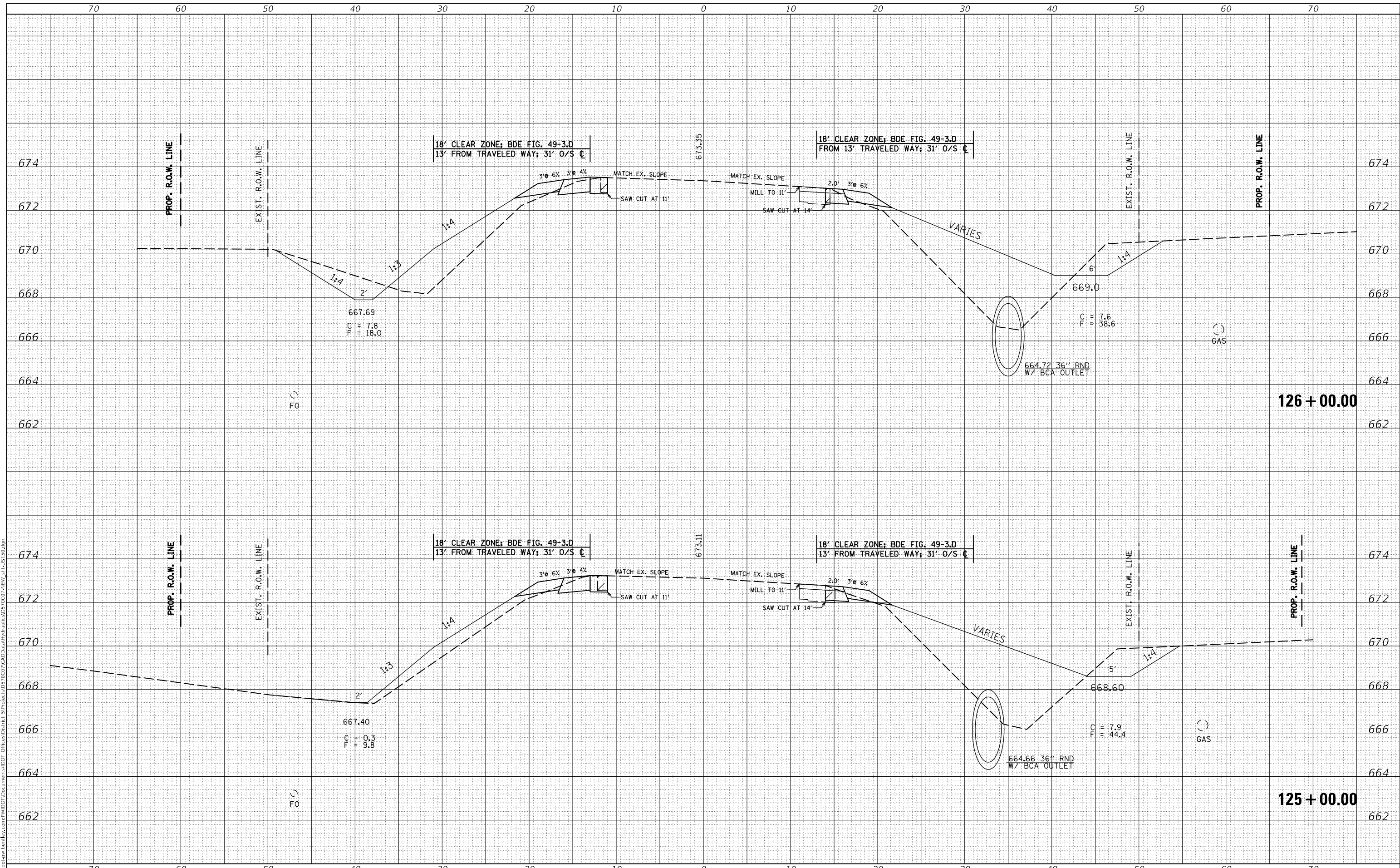
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CONTRACT NO. 70C07			ILLINOIS FED. AID PROJECT	

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

US 150 CROSS SECTION

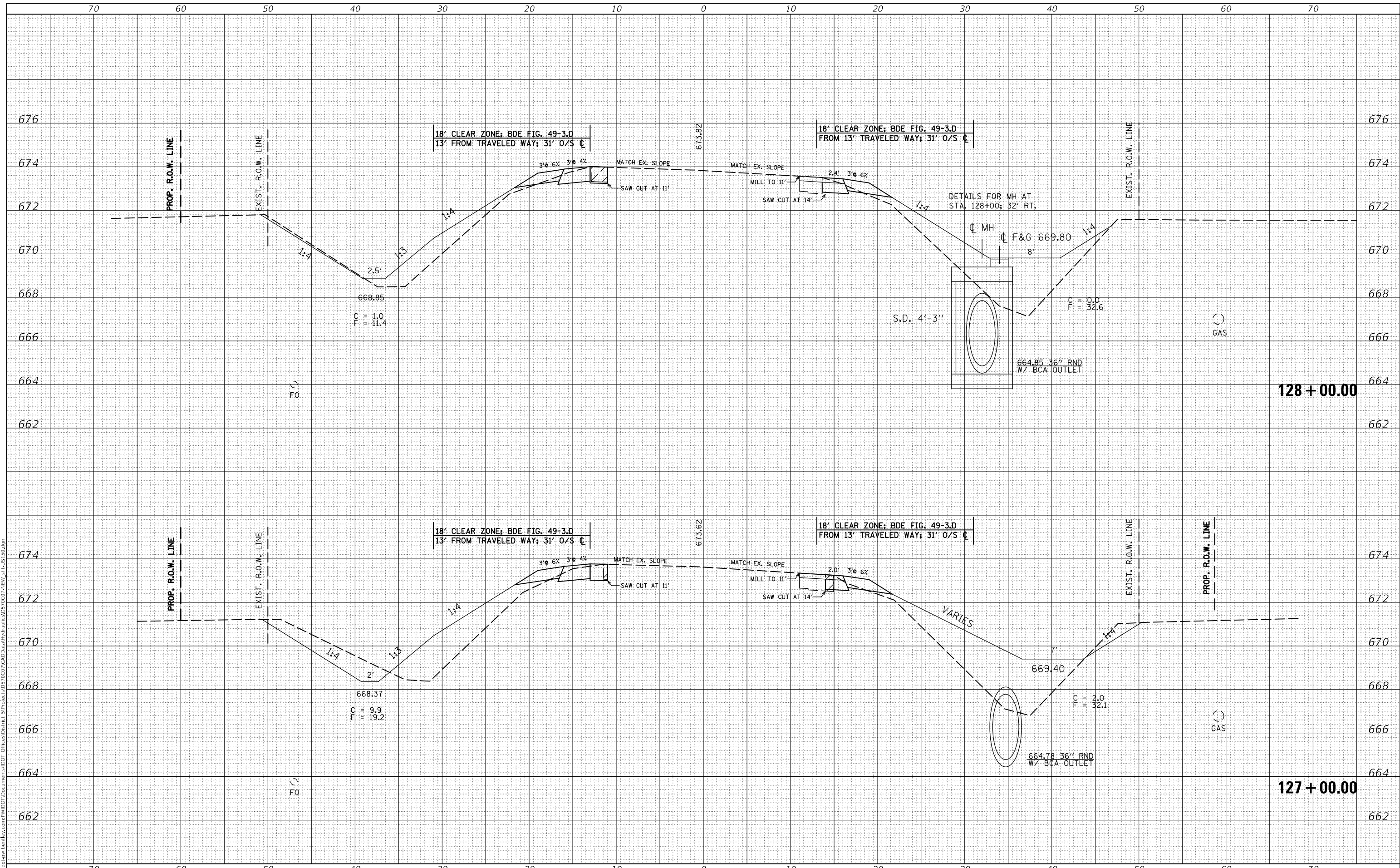
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			CONTRACT NO. 70C07	
ILLINOIS FED. AID PROJECT				

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NOTE BOOK	
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

US 150 CROSS SECTION

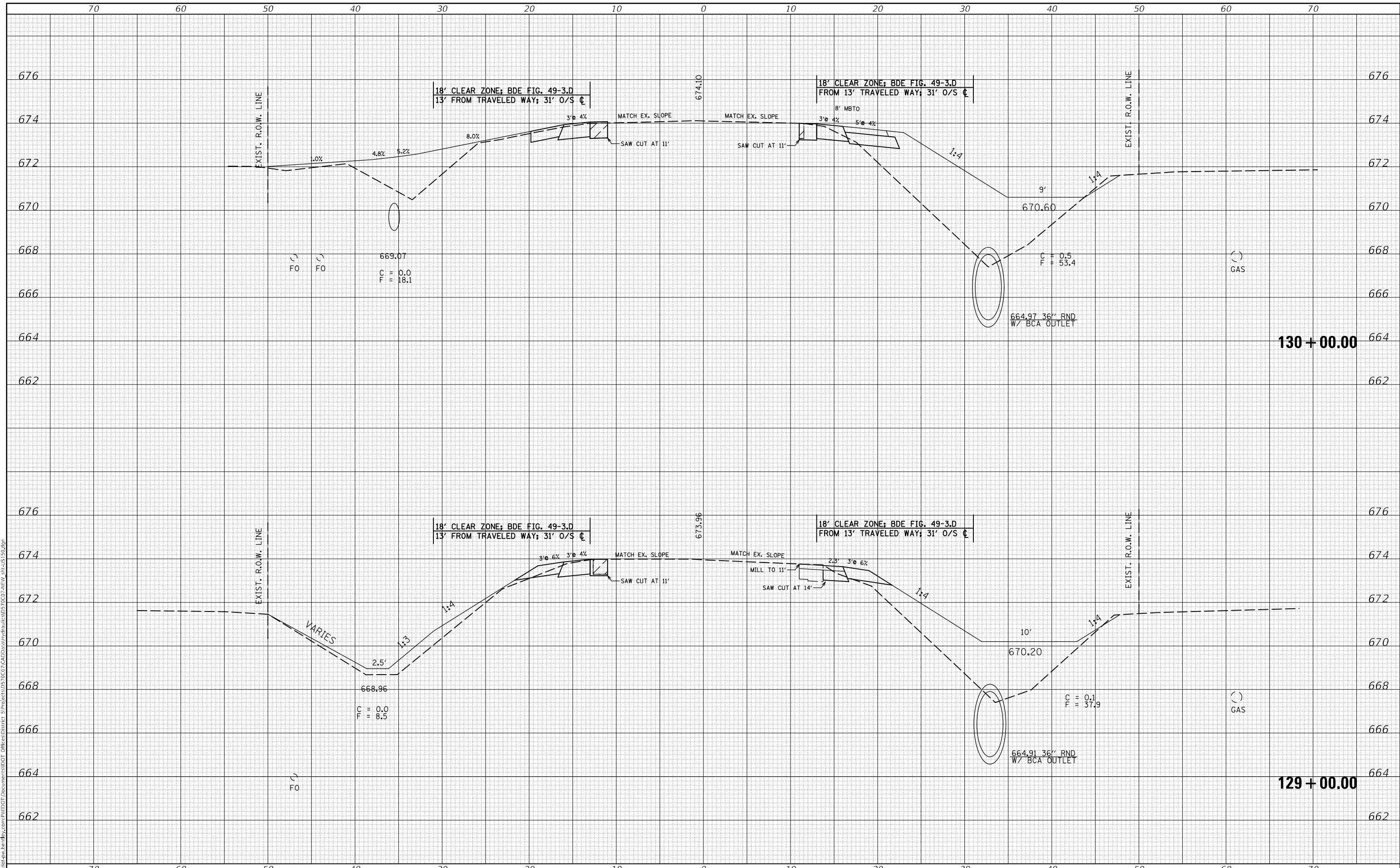
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	(1,119)DR	CHAMPAIGN	74	43
			CONTRACT NO. 70C07	
			ILLINOIS FED. AID PROJECT	

DATE	
BY	
SURVEYED	
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FINAL SURVEY	
NOTE BOOK	
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TEMPLATE	
AREAS CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
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MODEL: \$MODELNAME\$
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PLOT DATE = 9/8/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

US 150 CROSS SECTION

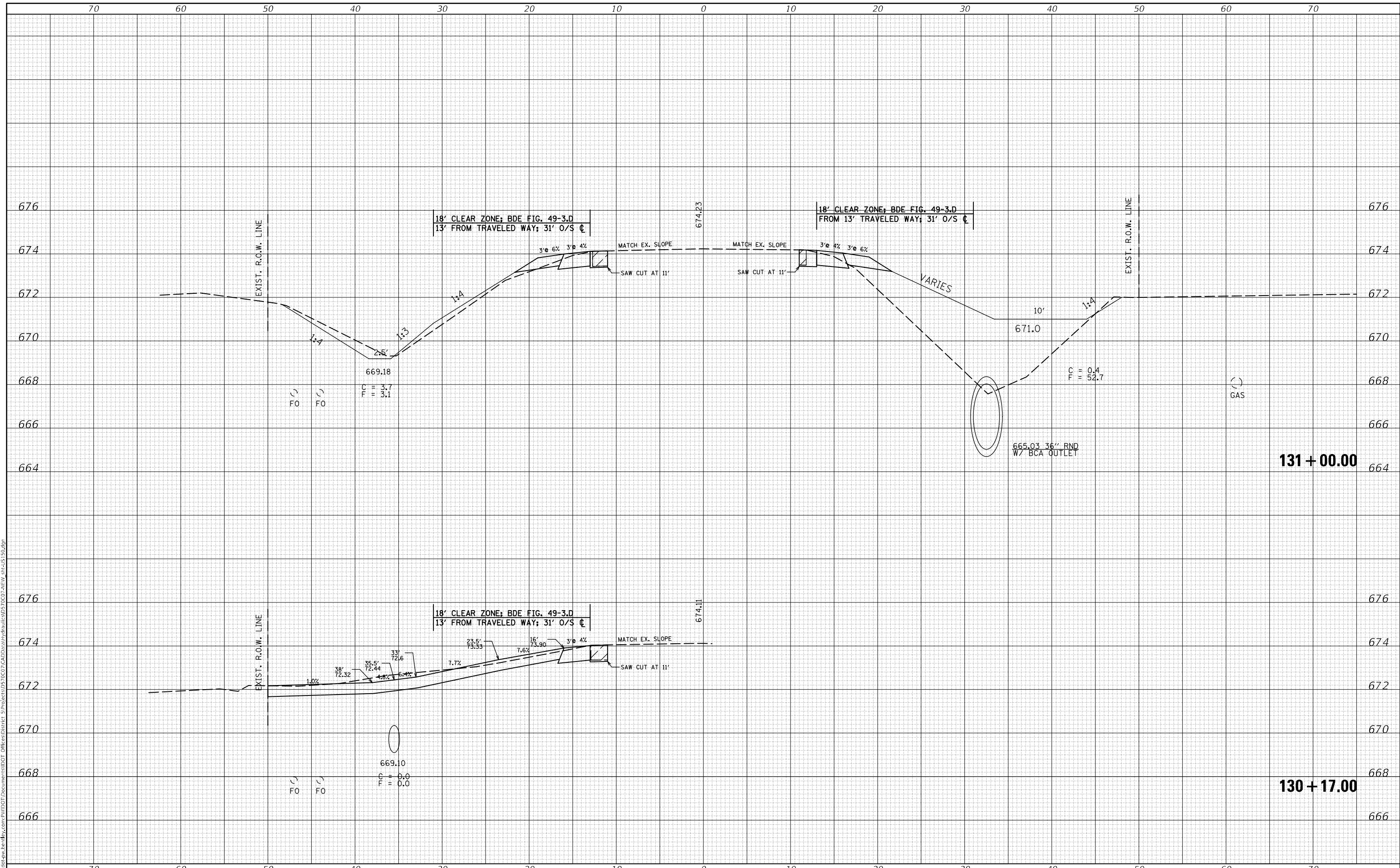
SCALE: SHEET 8 OF 26 SHEETS STA. 129+00.00 TO STA. 130+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	(1,119)DR	CHAMPAIGN	74	44
CONTRACT NO. 70C07				
ILLINOIS FED. AID PROJECT				

DATE	
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PLOTTED	
TEMPLATE	
AREAS CHECKED	
FINAL SURVEY	
NOTE BOOK	
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DATE	
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SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
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MODEL: \$MODELNAME\$
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USER NAME = plersonbr	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 9/8/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

US 150 CROSS SECTION

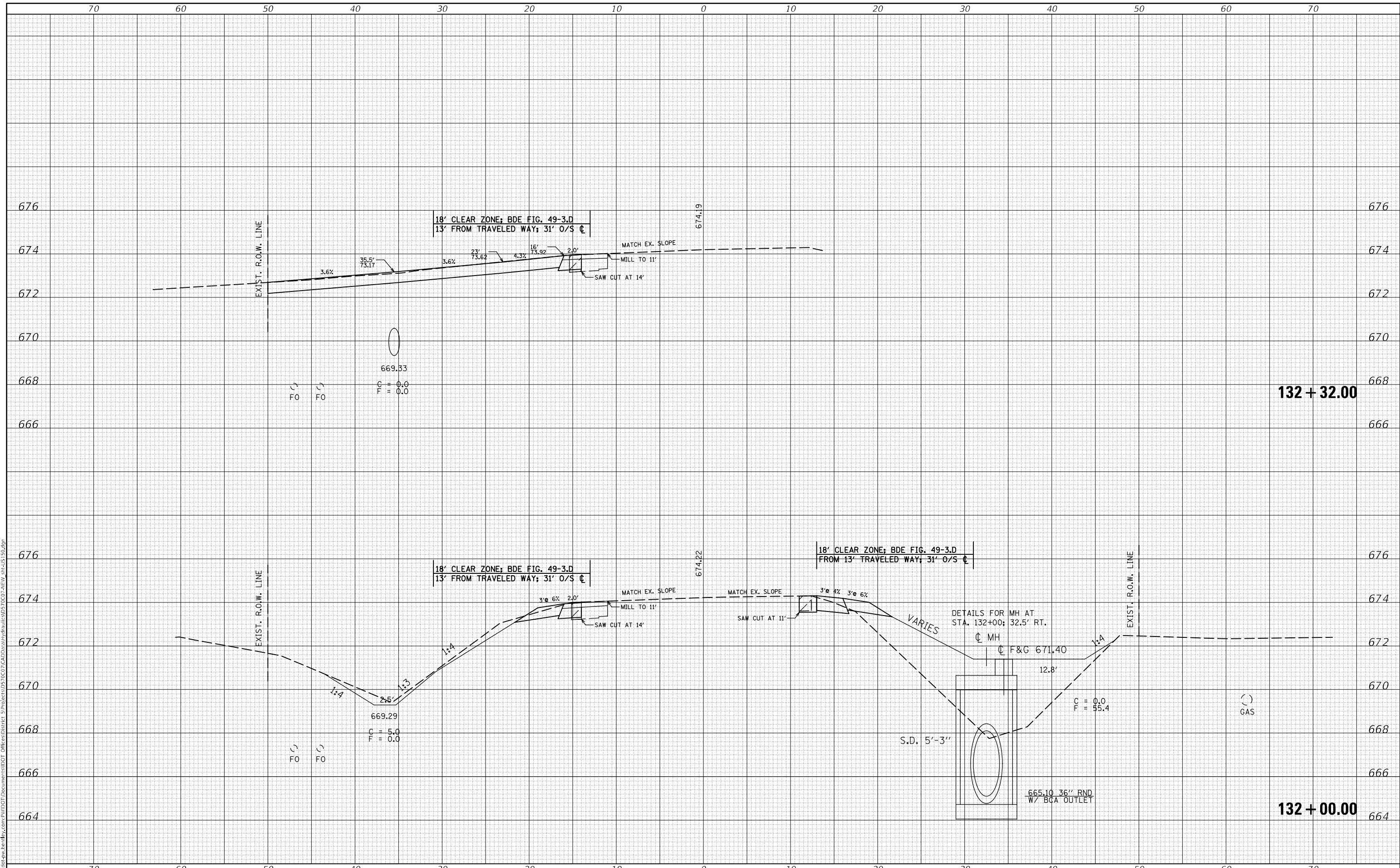
SCALE: SHEET 9 OF 26 SHEETS STA. 130+17.00 TO STA. 131+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	(1,119)DR	CHAMPAIGN	74	45
			CONTRACT NO. 70C07	
ILLINOIS FED. AID PROJECT				

DATE	
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SURVEYED	
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TEMPLATE	
AREAS CHECKED	
FINAL SURVEY	
NOTE BOOK	
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DATE	
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SURVEYED	
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TEMPLATE	
AREAS CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
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MODEL: \$MODELNAME\$
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USER NAME = plersonbr	DESIGNED -	REVISED -
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PLOT DATE = 9/8/2021	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

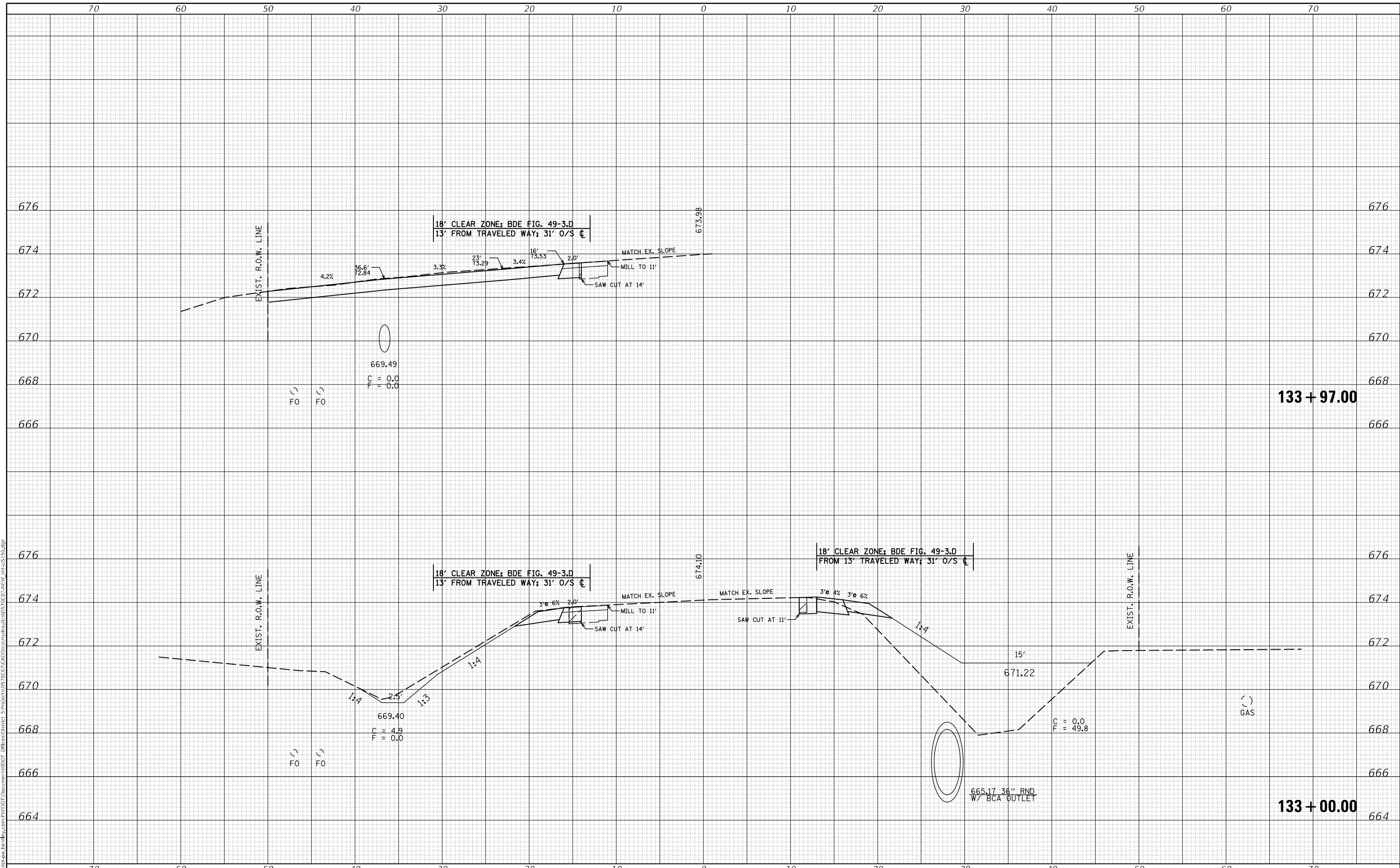
US 150 CROSS SECTION		
SCALE:	SHEET 10	OF 26 SHEETS
	STA. 132+00.00	TO STA. 132+32.00

F.A.S. RTE. 1512	SECTION (1,119)DR	COUNTY CHAMPAIGN	TOTAL SHEETS 74	SHEET NO. 46
			CONTRACT NO. 70C07	
ILLINOIS FED. AID PROJECT				

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

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

MODEL: \$MODELNAME\$
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USER NAME = plersonbr	DESIGNED -	REVISED -
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PLOT SCALE = 10,000 * / in.	CHECKED -	REVISED -
PLOT DATE = 9/8/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

US 150 CROSS SECTION

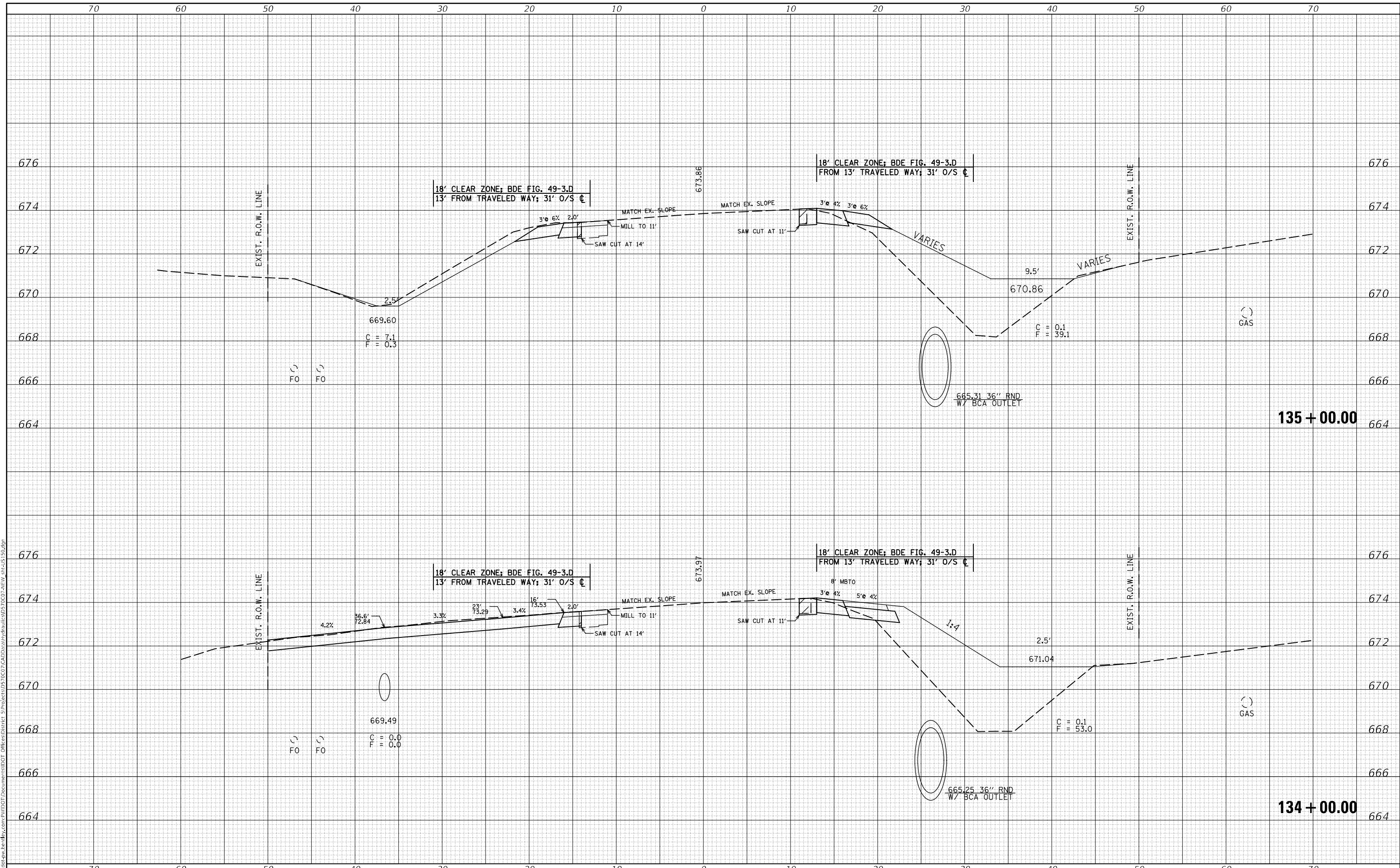
SCALE: SHEET 11 OF 26 SHEETS STA. 133+00.00 TO STA. 133+97.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	(1,119)DR	CHAMPAIGN	74	47
			CONTRACT NO. 70C07	
ILLINOIS FED. AID PROJECT				

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

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

MODEL: \$MODELNAME\$
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PLOT DATE = 9/8/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

US 150 CROSS SECTION

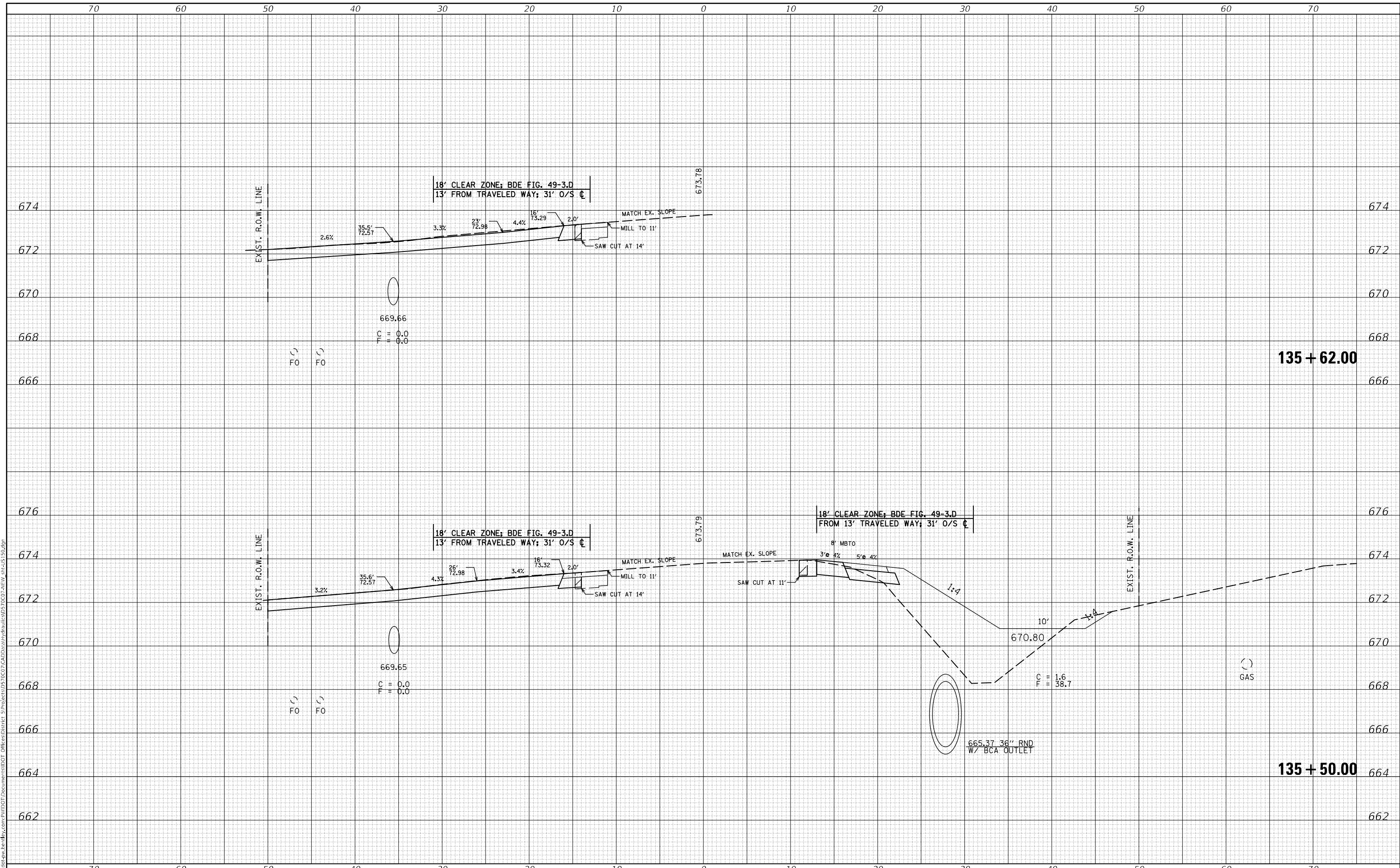
SCALE: SHEET 12 OF 26 SHEETS STA. 134+00.00 TO STA. 135+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	(1,119)DR	CHAMPAIGN	74	48
			CONTRACT NO. 70C07	
ILLINOIS FED. AID PROJECT				

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

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

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USER NAME = plersonbr	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 9/8/2021	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

US 150 CROSS SECTION

SCALE: SHEET 13 OF 26 SHEETS STA. 135+50.00 TO STA. 135+62.00

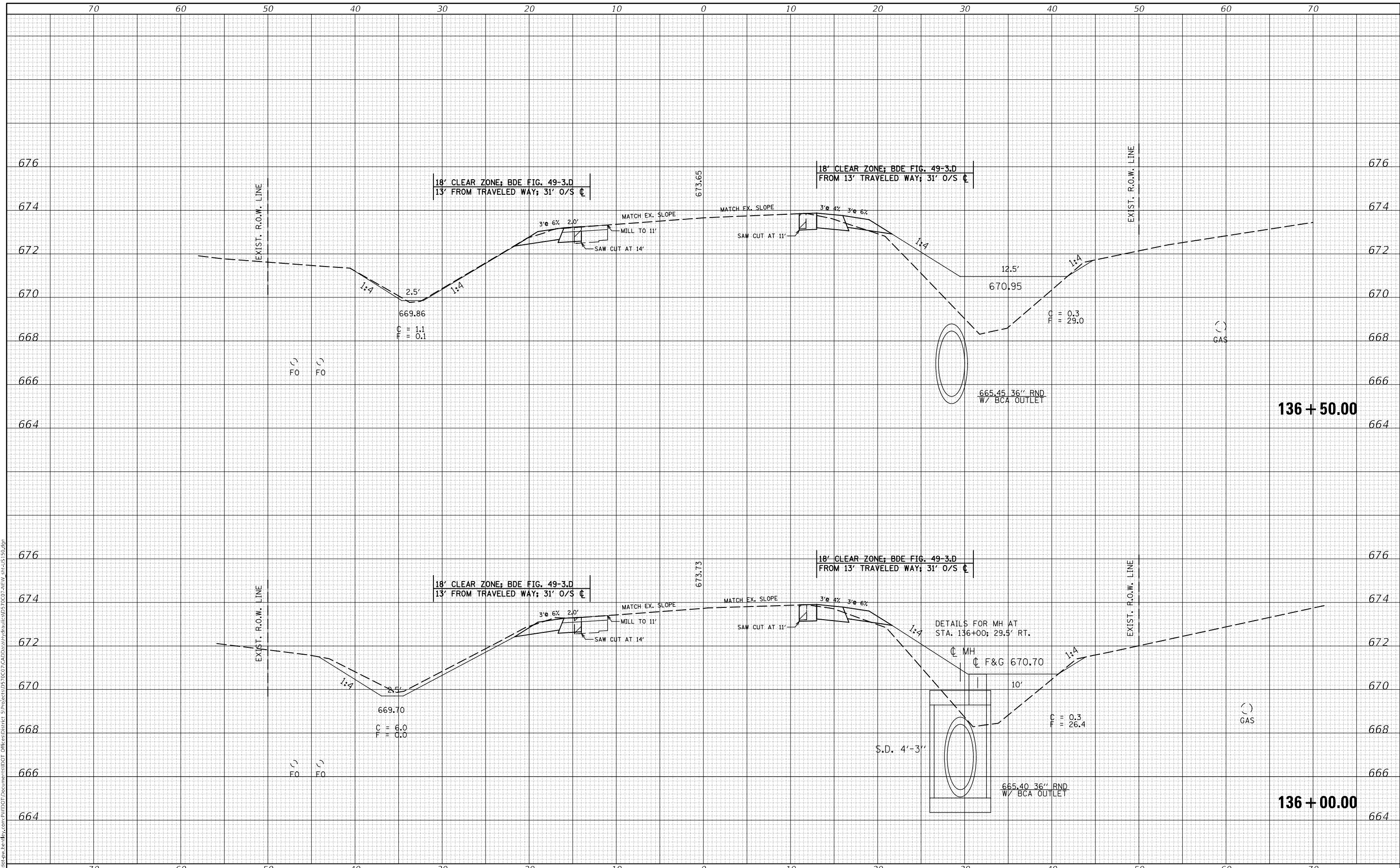
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	(1,119)DR	CHAMPAIGN	74	49
			CONTRACT NO. 70C07	

ILLINOIS FED. AID PROJECT

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

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

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PLOT DATE	= 9/8/2021

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

US 150 CROSS SECTION

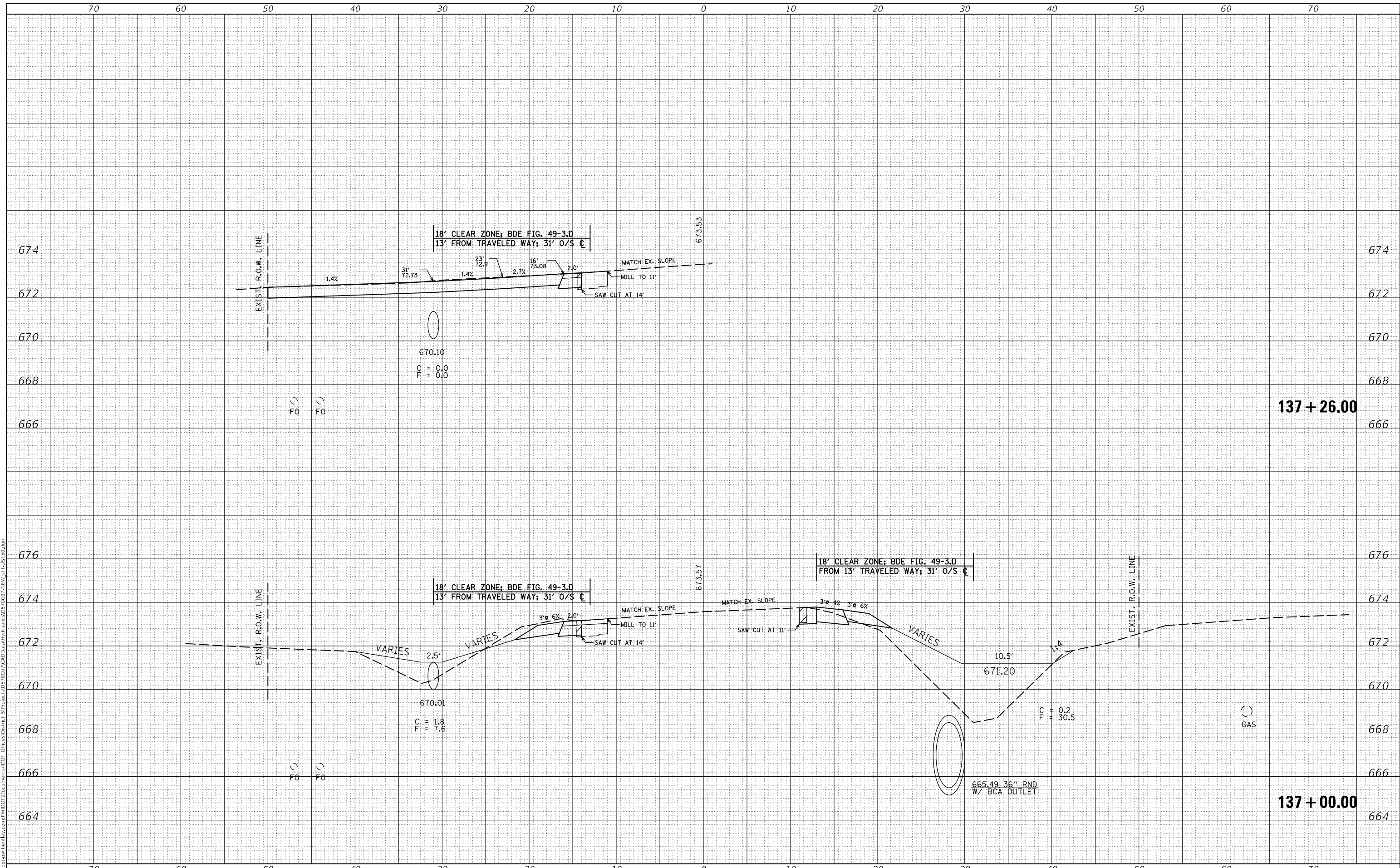
SCALE: SHEET 14 OF 26 SHEETS STA. 136+00.00 TO STA. 136+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	(1,119)DR	CHAMPAIGN	74	50
			CONTRACT NO. 70C07	
ILLINOIS FED. AID PROJECT				

DATE	
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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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	AREAS CHECKED

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

MODEL: \$MODELNAME\$
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	DRAWN -	REVISED -
PLOT SCALE = 10,0000 * / in.	CHECKED -	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

US 150 CROSS SECTION

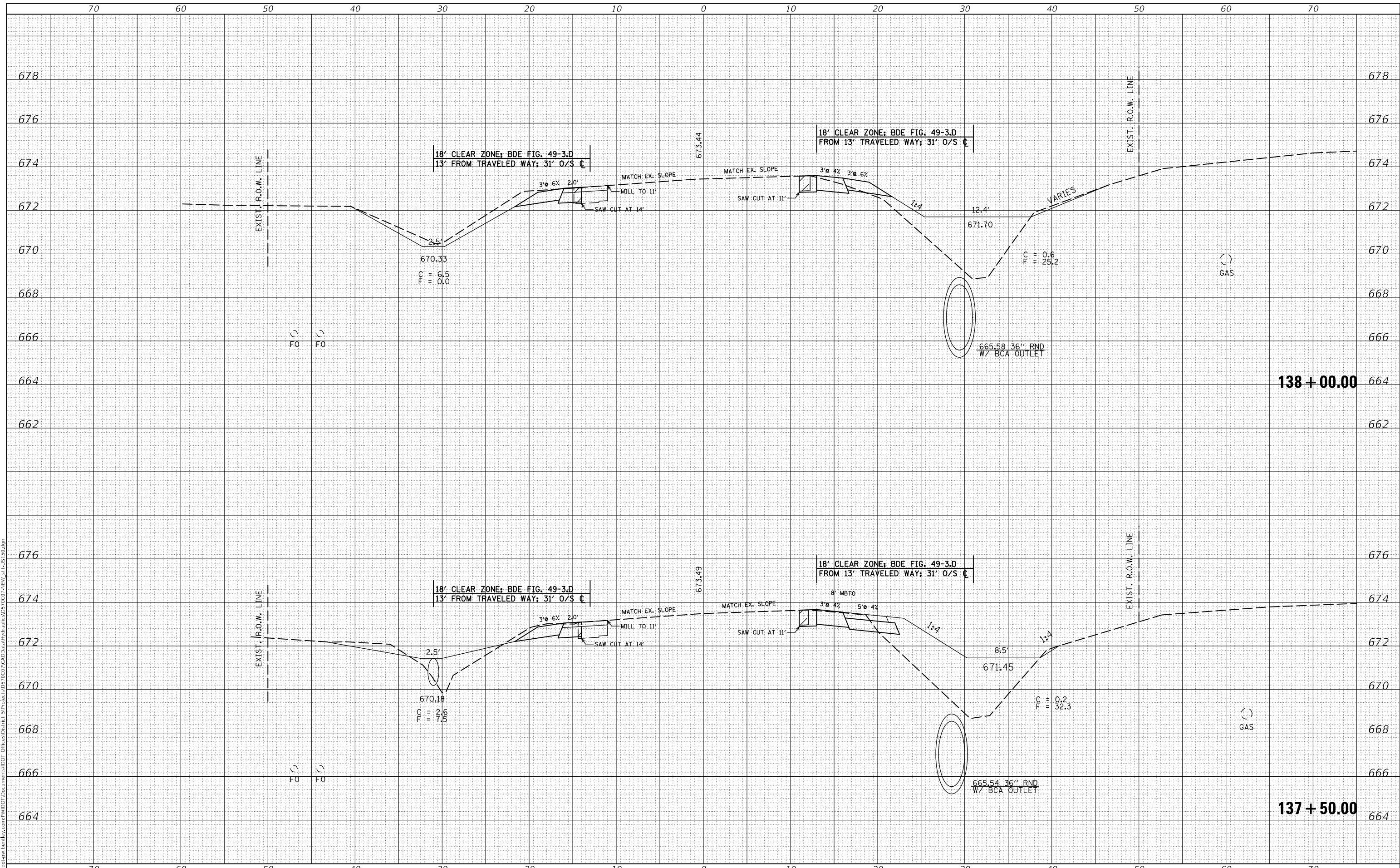
SCALE: SHEET 15 OF 26 SHEETS STA. 137+00.00 TO STA. 137+26.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	(1,119)DR	CHAMPAIGN	74	51
CONTRACT NO. 70C07				
ILLINOIS FED. AID PROJECT				

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

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

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USER NAME = plersonbr	DESIGNED -	REVISED -
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PLLOT DATE = 9/8/2021	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

US 150 CROSS SECTION

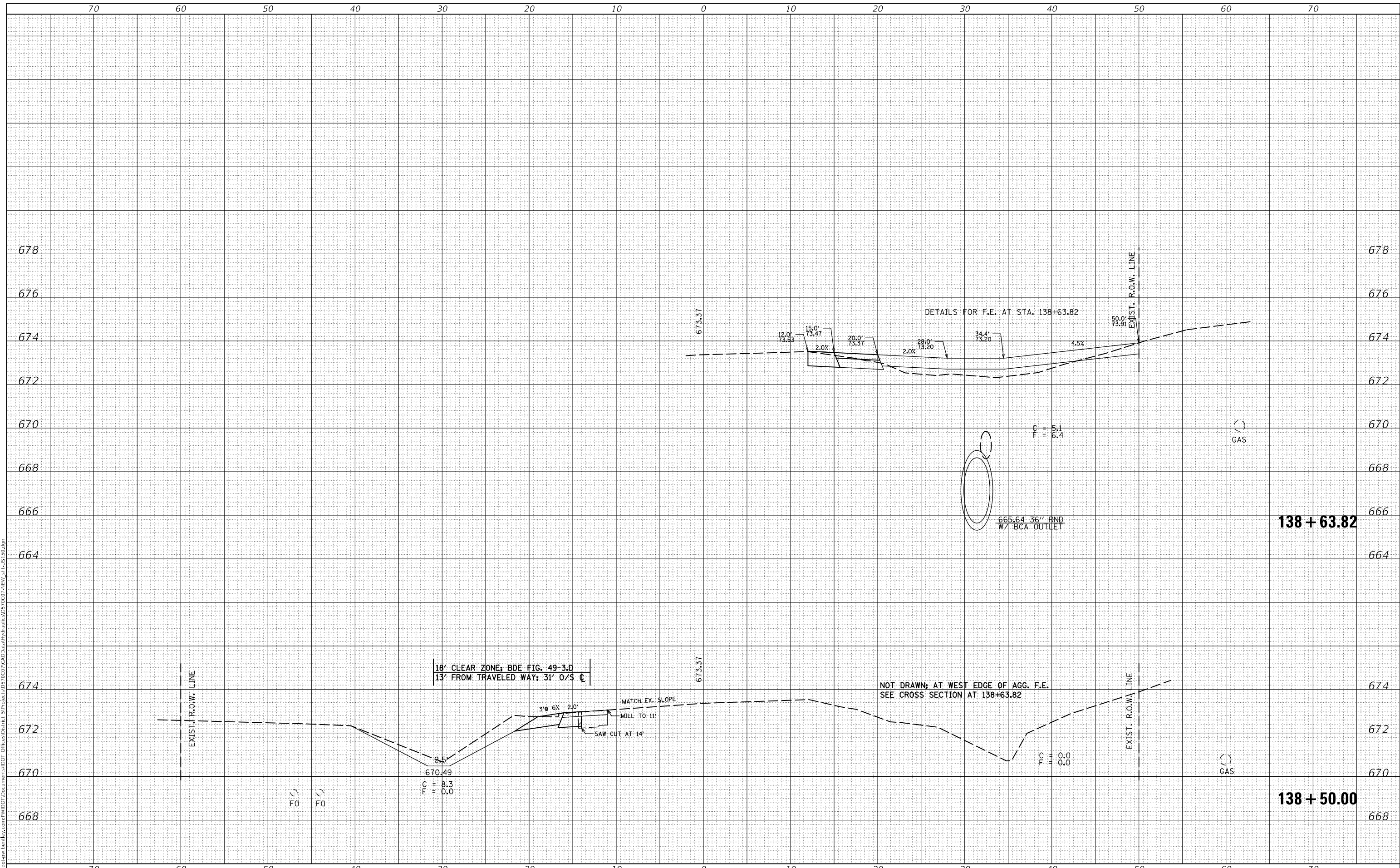
SCALE: SHEET 16 OF 26 SHEETS STA. 137+50.00 TO STA. 138+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	(1,119)DR	CHAMPAIGN	74	52
			CONTRACT NO. 70C07	
ILLINOIS FED. AID PROJECT				

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

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

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PLOT SCALE = 10,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 9/8/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

US 150 CROSS SECTION

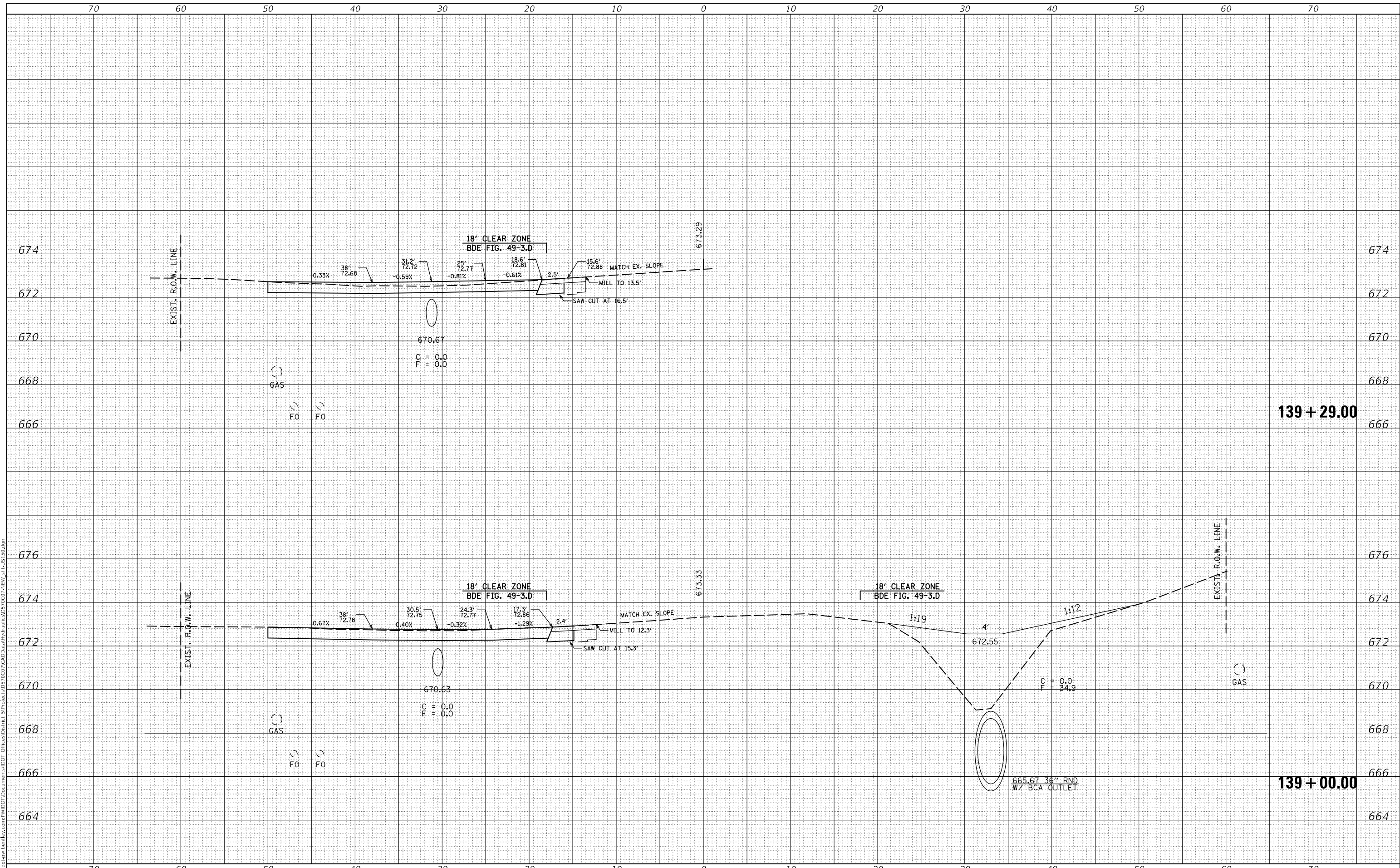
SCALE: SHEET 17 OF 26 SHEETS STA. 138+50.00 TO STA. 138+63.82

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	(1,119)DR	CHAMPAIGN	74	53
				CONTRACT NO. 70C07
ILLINOIS FED. AID PROJECT				

DATE	
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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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DATE	
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

US 150 CROSS SECTION

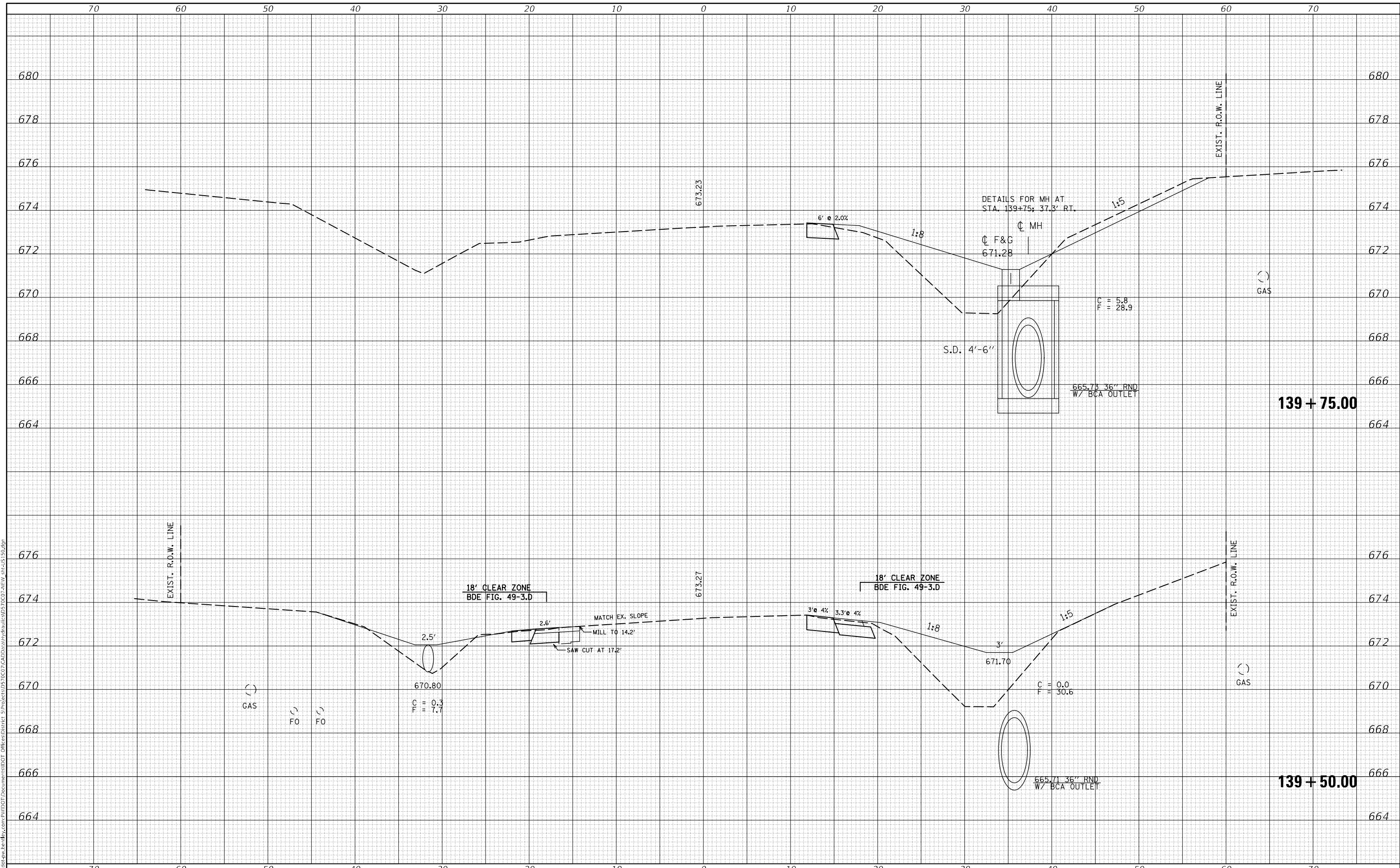
SCALE: SHEET 18 OF 26 SHEETS STA. 139+00.00 TO STA. 139+29.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	(1,119)DR	CHAMPAIGN	74	54
			CONTRACT NO. 70C07	
ILLINOIS			FED. AID PROJECT	

DATE	
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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

DATE	
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

US 150 CROSS SECTION

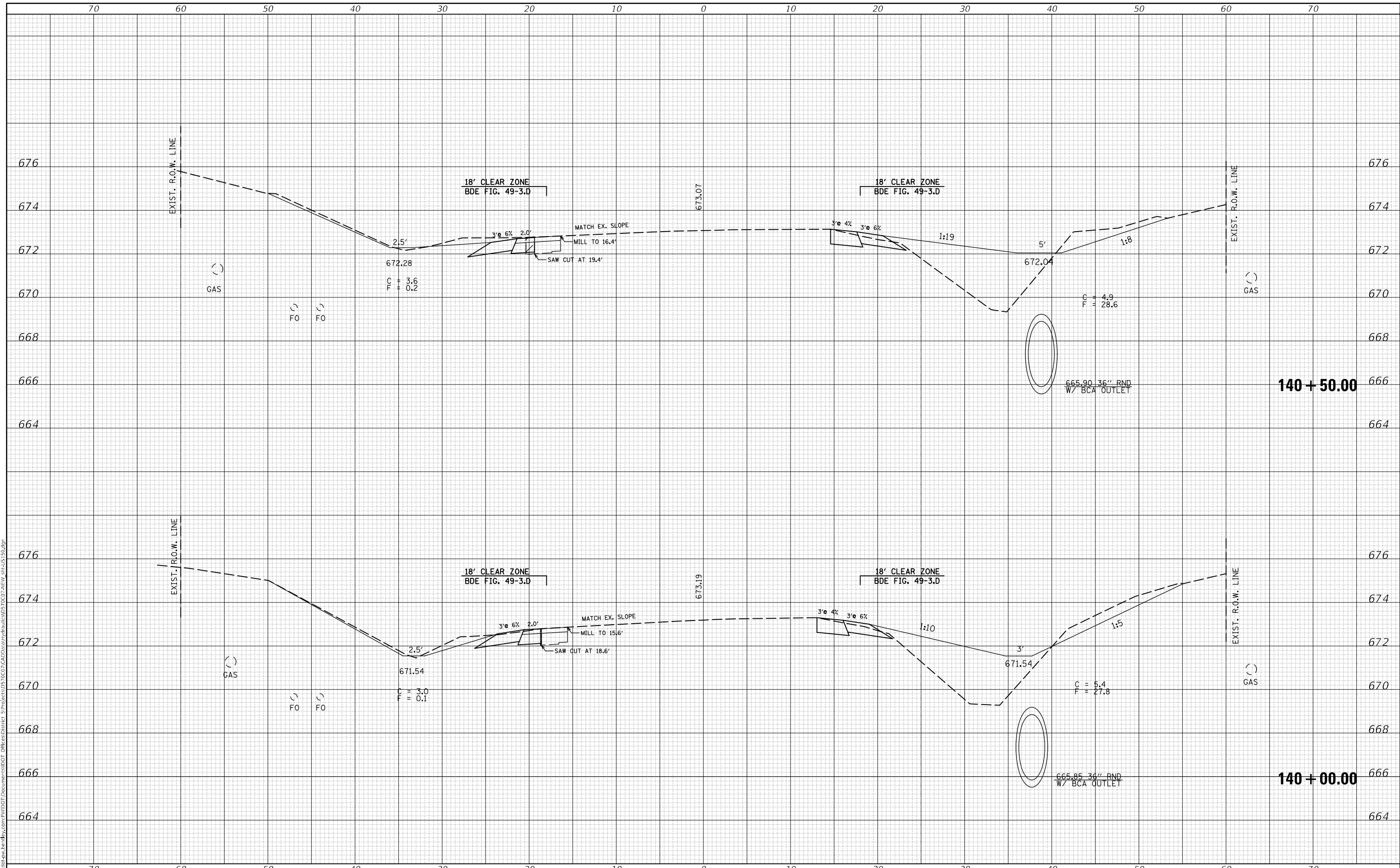
SCALE: SHEET 19 OF 26 SHEETS STA. 139+50.00 TO STA. 139+75.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	(1,119)DR	CHAMPAIGN	74	55
			CONTRACT NO. 70C07	
ILLINOIS FED. AID PROJECT				

DATE	
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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

DATE	
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

MODEL: \$MODELNAME\$
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

US 150 CROSS SECTION

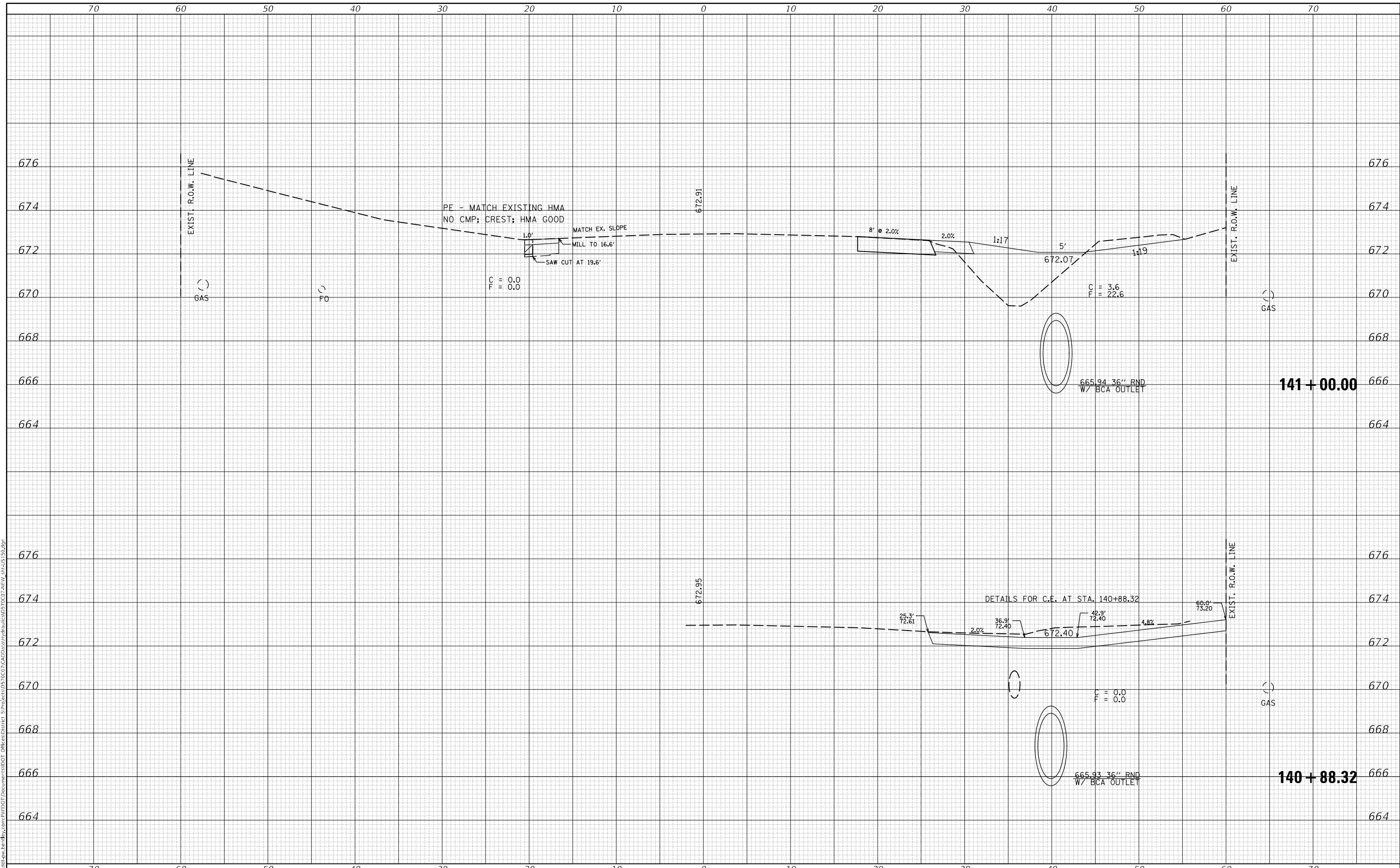
SCALE: SHEET 20 OF 26 SHEETS STA. 140+00.00 TO STA. 140+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	(1,119)DR	CHAMPAIGN	74	56
			CONTRACT NO. 70C07	
ILLINOIS FED. AID PROJECT				

DATE	
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FINAL SURVEY	
NOTE BOOK	
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TEMPLATE	
AREAS CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
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PLOT SCALE = 10,0000 * / in.	DRAWN -	REVISED -
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	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

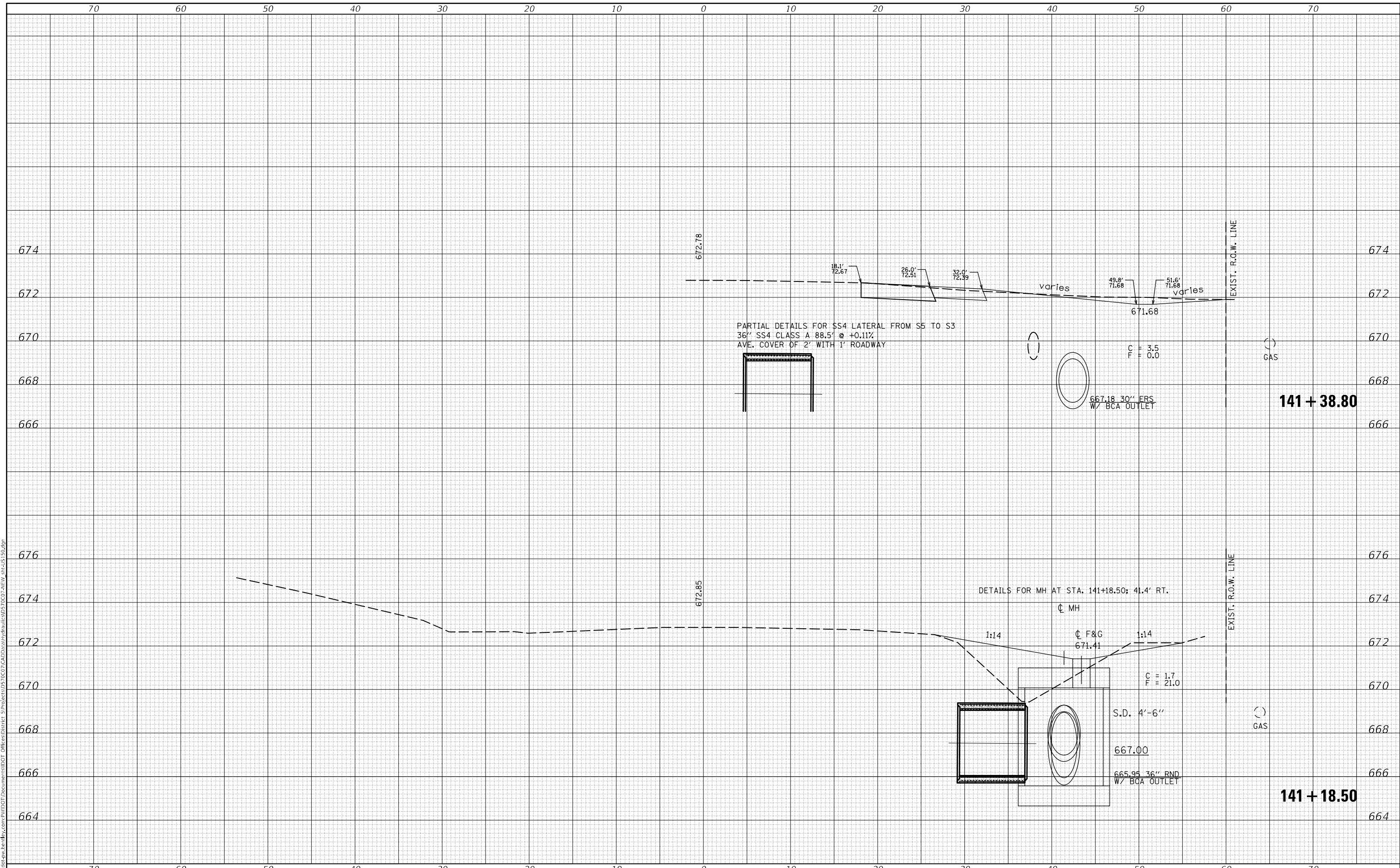
US 150 CROSS SECTION		
SCALE:	SHEET 21 OF 26 SHEETS	STA. 140+88.32 TO STA. 141+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	(1,119)DR	CHAMPAIGN	74	57
				CONTRACT NO. 70C07
ILLINOIS FED. AID PROJECT				

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

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

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

US 150 CROSS SECTION

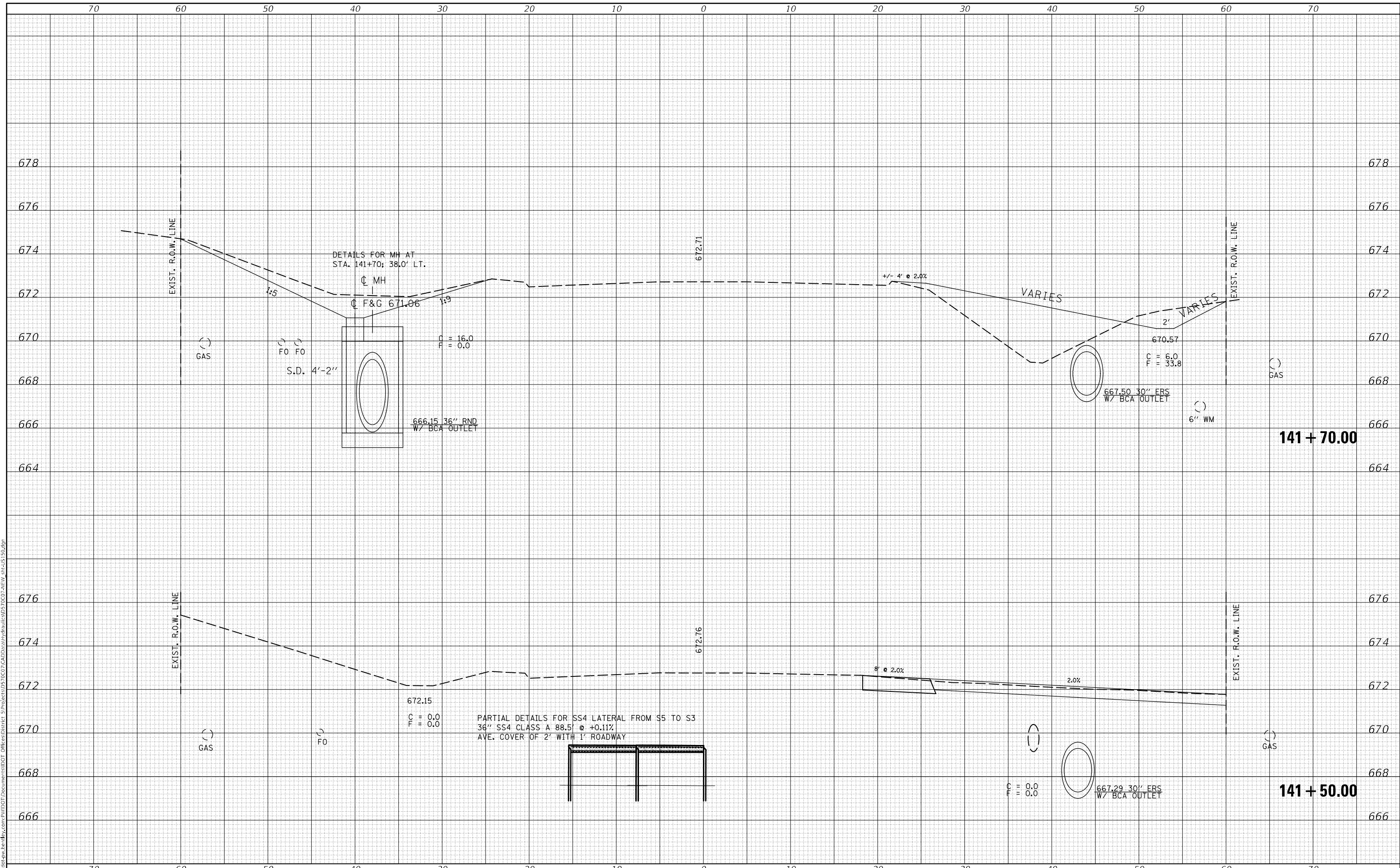
SCALE: SHEET 22 OF 26 SHEETS STA. 141+18.50 TO STA. 141+38.80

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	(1,119)DR	CHAMPAIGN	74	58
			CONTRACT NO. 70C07	
ILLINOIS FED. AID PROJECT				

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

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

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USER NAME = plersonbr	DESIGNED -	REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

US 150 CROSS SECTION

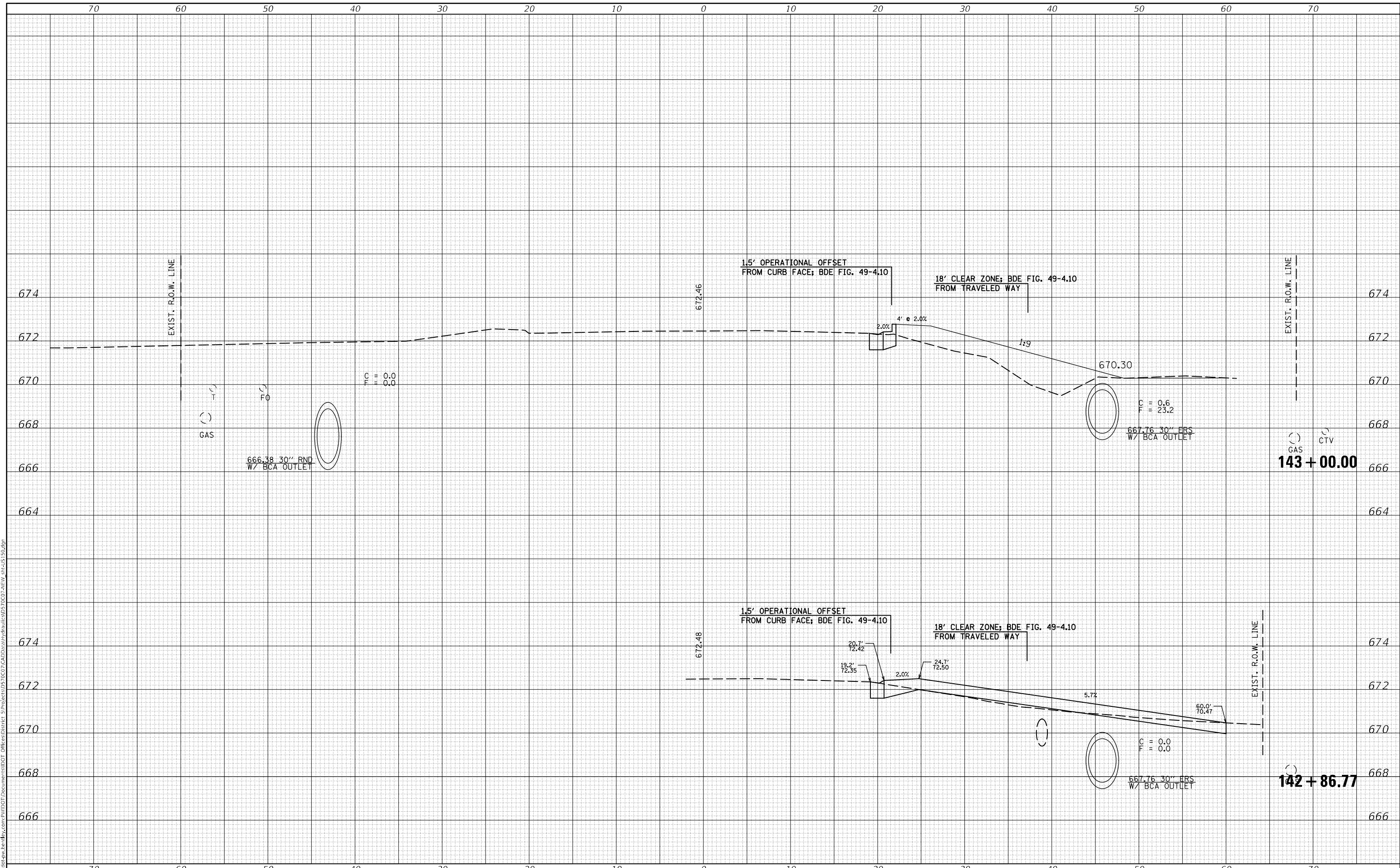
SCALE: SHEET 23 OF 26 SHEETS STA. 141+50.00 TO STA. 141+70.00

F.A.S. RTE. 1512	SECTION (1,119)DR	COUNTY CHAMPAIGN	TOTAL SHEETS 74	SHEET NO. 59
			CONTRACT NO. 70C07	
ILLINOIS FED. AID PROJECT				

DATE	
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NOTE BOOK	
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NOTE BOOK	
AREAS CHECKED	

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USER NAME = plersonbr	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 9/8/2021	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

US 150 CROSS SECTION

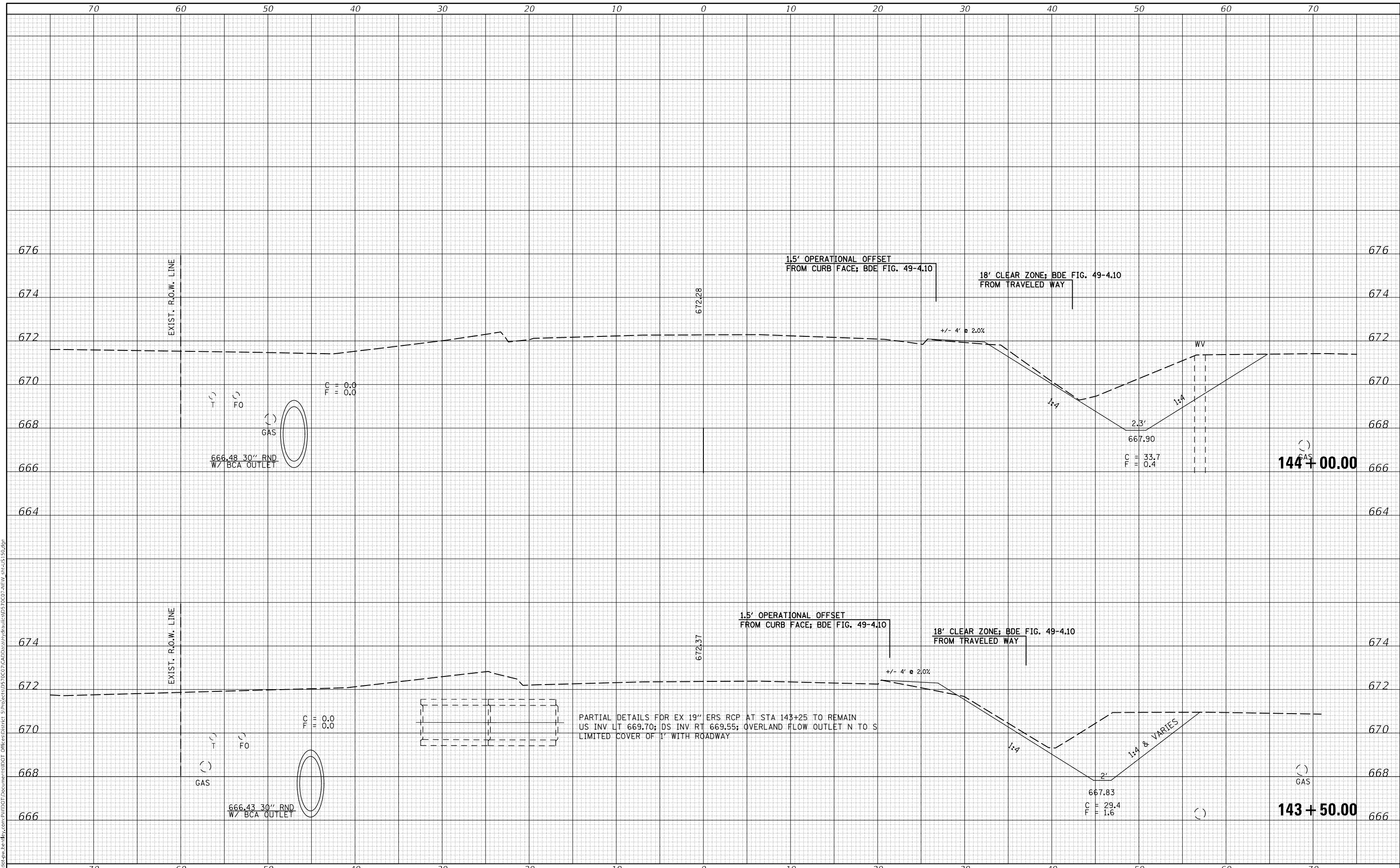
SCALE: SHEET 25 OF 26 SHEETS STA. 142+86.77 TO STA. 143+00.00

F.A.S. RTE. 1512	SECTION (1,119)DR	COUNTY CHAMPAIGN	TOTAL SHEETS 74	SHEET NO. 61
CONTRACT NO. 70C07			ILLINOIS FED. AID PROJECT	

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

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

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	DRAWN -	REVISED -
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PLOT DATE = 9/8/2021	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

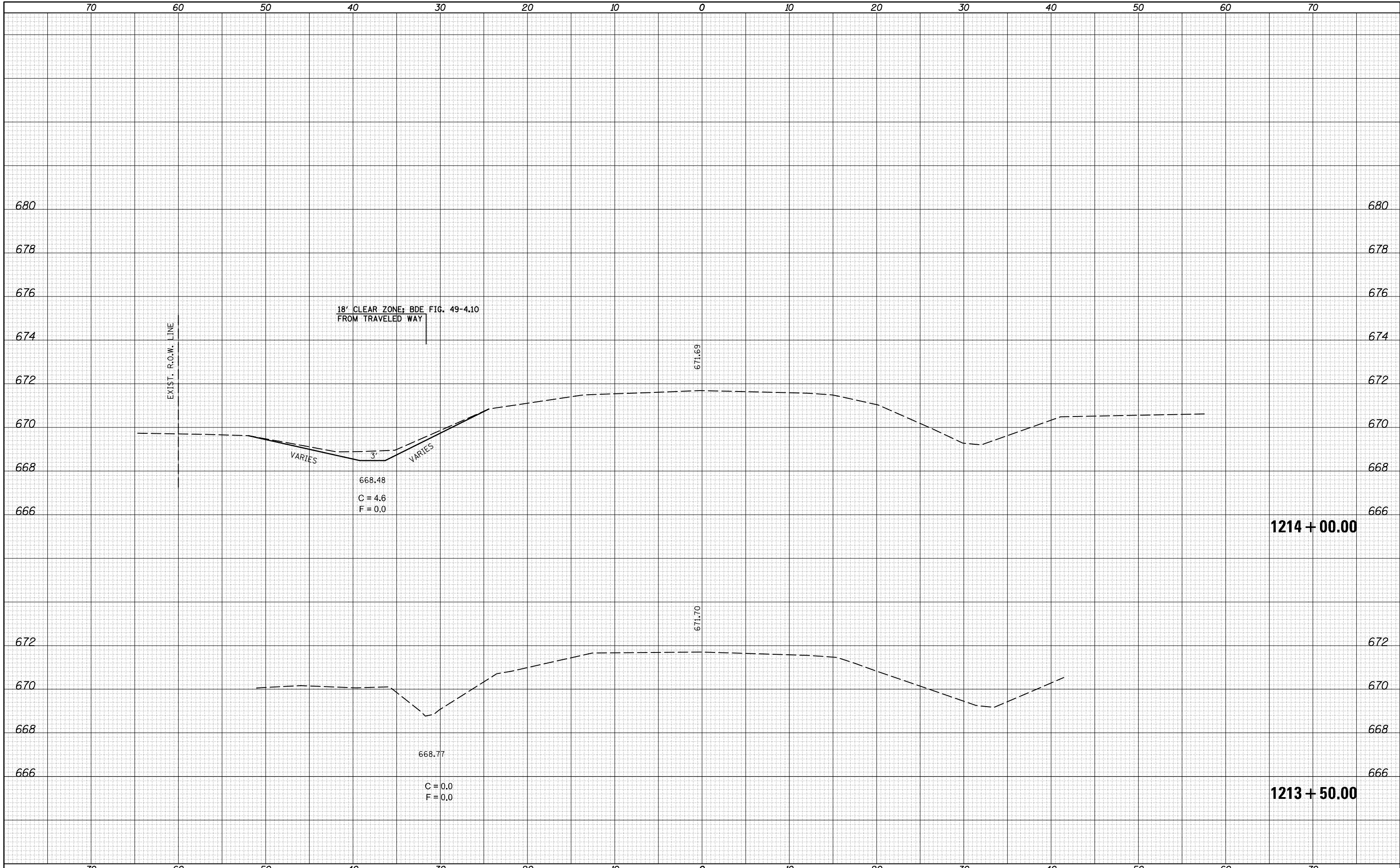
US 150 CROSS SECTION

SCALE: SHEET 26 OF 26 SHEETS STA. 143+50.00 TO STA. 144+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	(1,119)DR	CHAMPAIGN	74	62
CONTRACT NO. 70C07				
ILLINOIS FED. AID PROJECT				

DATE	
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ORIGINAL	
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 PLOT DATE = 9/8/2021

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

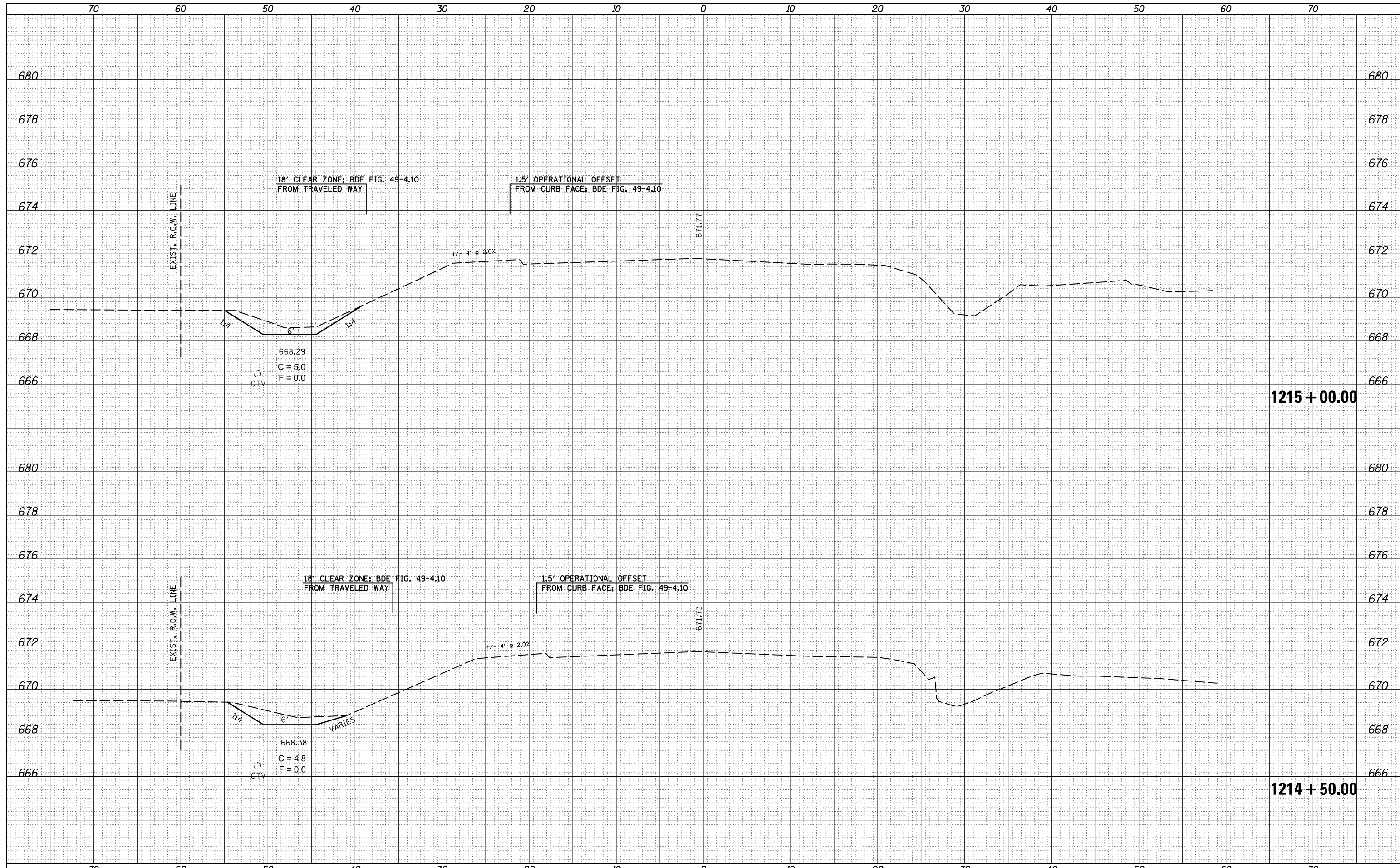
IL 49 CROSS SECTIONS

SCALE: SHEET 1 OF 6 SHEETS STA. 1213+50.00 TO STA. 1214+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
836	(1,119)DR	CHAMPAIGN	74	63
CONTRACT NO. 70C07			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.	



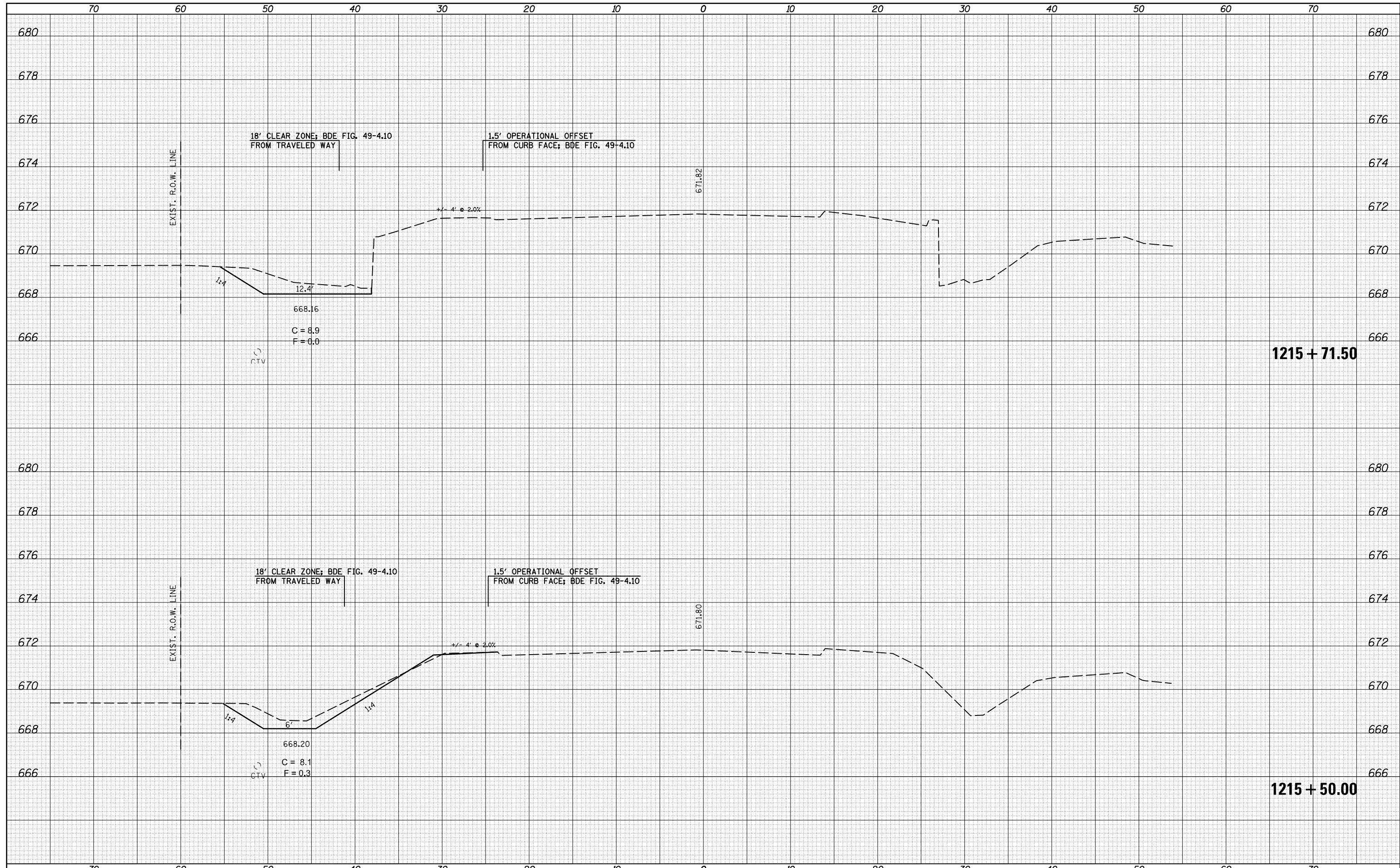
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p:\dot-pw.bentley.com\PIWIDOT\Documents\IDOT	Offices\District 5\Projects\0570C07\CADDData	DRAWN	REVISIED -	836	(1,119)DR	CHAMPAIGN	74	64
MODELNAME	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISIED -	CONTRACT NO. 70C07				
	PLOT DATE = 9/8/2021	DATE -	REVISIED -	SCALE: SHEET 2 OF 6 SHEETS STA. 1214+50.00 TO STA. 1215+00.00				ILLINOIS FED. AID PROJECT

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 49 CROSS SECTIONS

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	



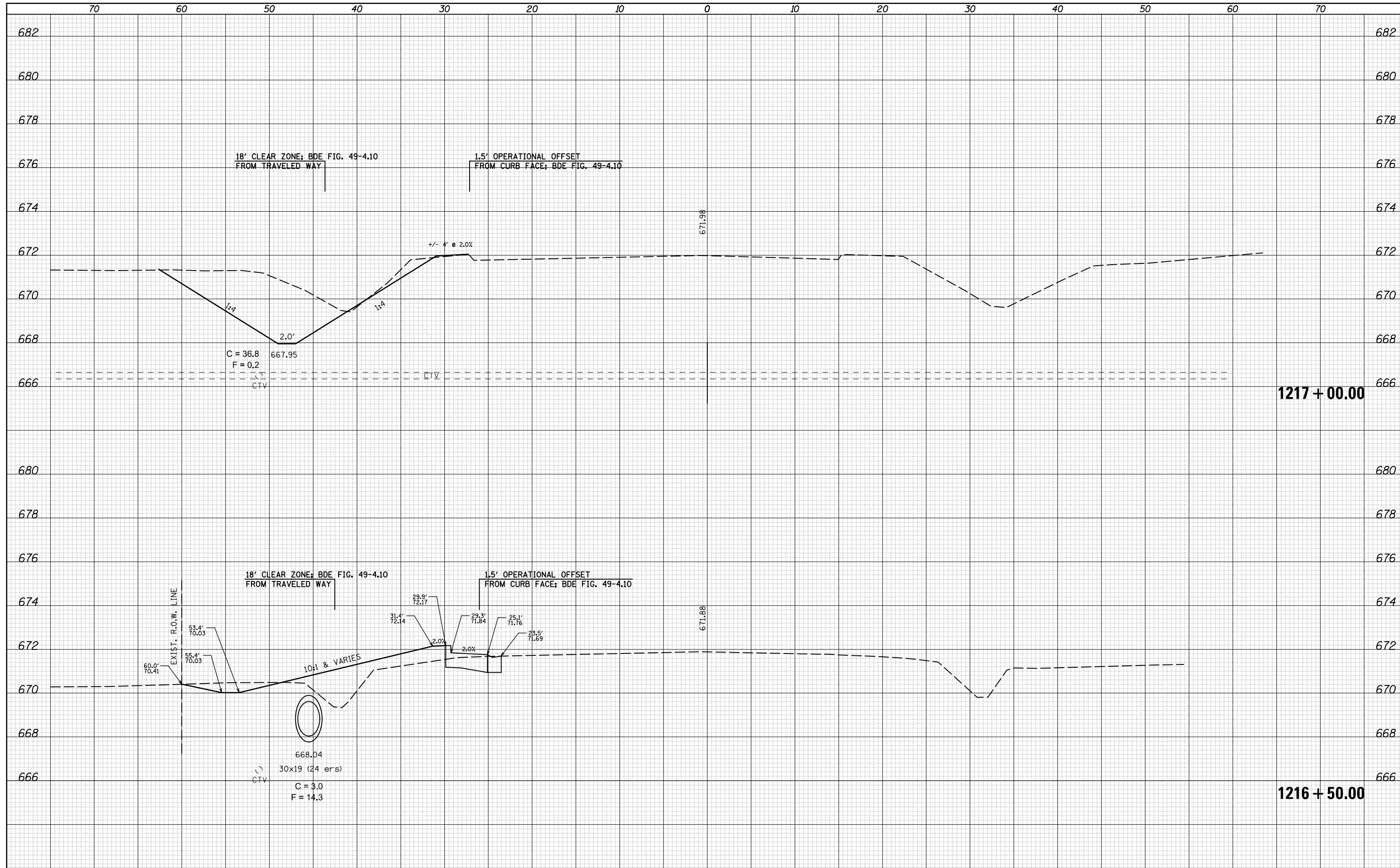
FILE NAME =	USER NAME = piersonbr	DESIGNED -	REVISIED -	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\dot-pw.bentley.com\PIWIDOT\Documents\IDOT	Offices\District 5\Projects\0570C07\CADDData	DRAWN	REVISIED -	836	(1,119)DR	CHAMPAIGN	74	65
MODELNAME	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISIED -	CONTRACT NO. 70C07				
	PLOT DATE = 9/8/2021	DATE -	REVISIED -	SCALE: SHEET 3 OF 6 SHEETS STA. 1215+50.00 TO STA. 1215+71.50				
								ILLINOIS FED. AID PROJECT

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 49 CROSS SECTIONS

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINAL SURVEY NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY NO.	



FILE NAME :	USER NAME :	DESIGNED :	REVISED :
p:\idot-pw.bentley.com\PIDOT\Documents\IDOT	piersonbr	-	-
Offices\District 5\Projects\0570C07\CADDData		DRAWN :	REVISED :
		0570C07-sht-49_xs.dgn	-
		CHECKED :	REVISED :
		-	-
		DATE :	REVISED :
		-	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

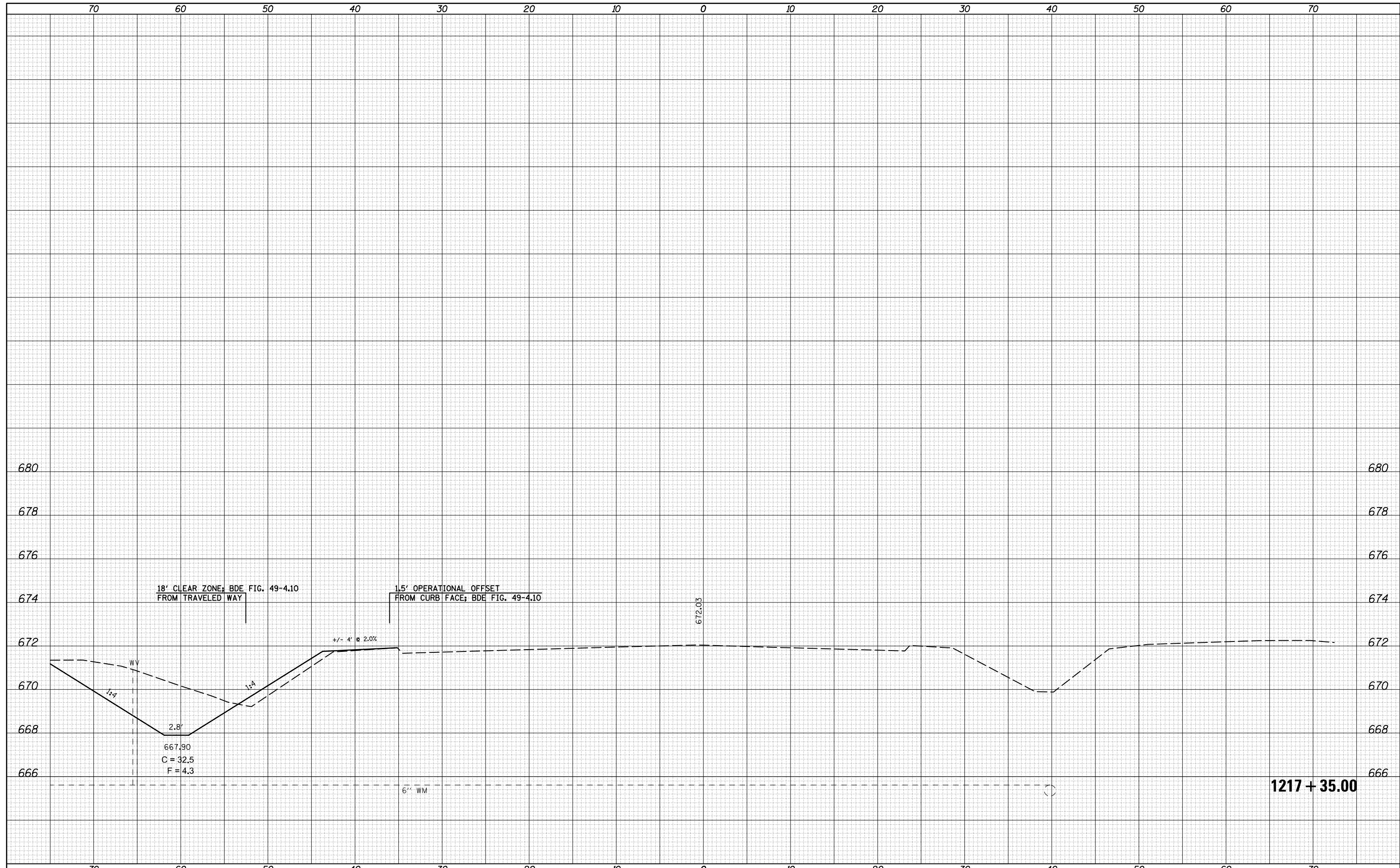
IL 49 CROSS SECTIONS

SCALE: SHEET 5 OF 6 SHEETS STA. 1216+50.00 TO STA. 1217+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
836	(1,119)DR	CHAMPAIGN	74	67
			CONTRACT NO. 70C07	
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINISHED SURVEY	
PLOTTED TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

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



FILE NAME =	USER NAME = piersonbr	DESIGNED -	REVISIED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 49 CROSS SECTIONS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\dot-pw.bentley.com\PIWIDOT\Documents\IDOT	Offices\District 5\Projects\0570C07\CADDData\DRAWN	0570C07-sh1-49_xs.dgn	0570C07-sh1-49_xs.dgn			836	(1,119)DR	CHAMPAIGN	74	68
\$MODELNAME\$	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISIED -			CONTRACT NO. 70C07				
	PLOT DATE = 9/8/2021	DATE -	REVISIED -			SCALE: SHEET 6 OF 6 SHEETS STA. 1217+35.00 TO STA. 1217+35.00				

1217 + 35.00

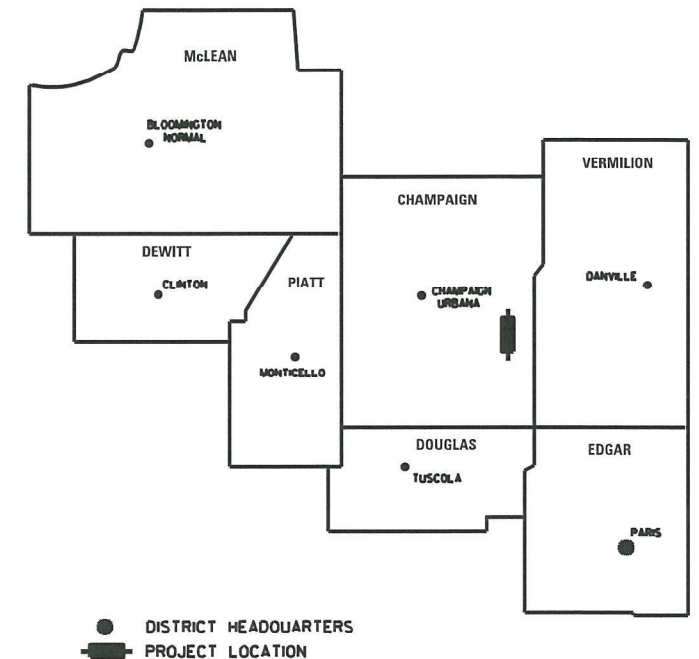
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RIGHT OF WAY PLANS
FOR PROPOSED
FEDERAL AID HIGHWAY

F.A.S. 1512 (U.S. 150) & F.A.P. 836 (IL 49)
 SECTION (1,119)DR
 JOB R-95-043-16
DRAINAGE IMPROVEMENTS: CR2650E TO MARKET ST.
CHAMPAIGN COUNTY

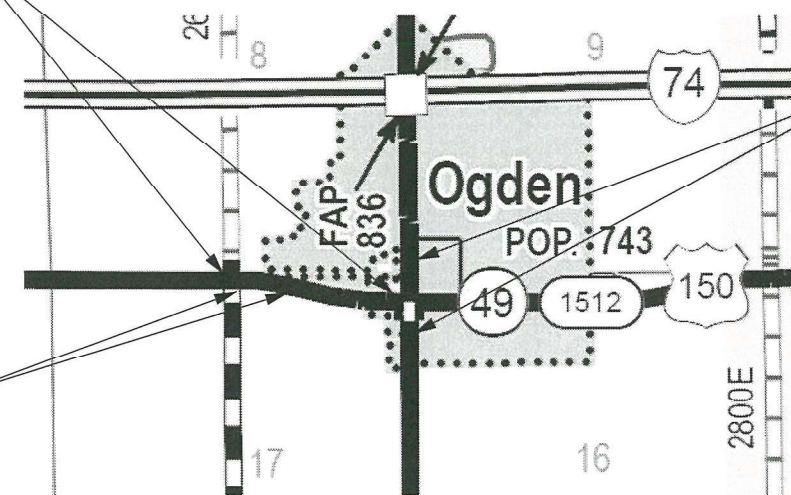
ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(1,119)DR	CHAMPAIGN	74	73
F.H.W.A. REG.	ILLINOIS	PROJECT		

*F.A.S. 1512 (US 150) & F.A.P. 836 (IL 49)

REGION 3 / DISTRICT 5



F.A.S. 1512 (U.S. 150)
 BEGIN STA. 119+00 TO END STA. 145+00
 PROPOSED DRAINAGE IMPROVEMENTS



F.A.P. 836 (IL 49)
 BEGIN STA. 1213+50 TO END STA. 1221+00
 PROPOSED DRAINAGE IMPROVEMENTS



NOT TO SCALE



SURVEYOR'S STATEMENT

I, DOUGLAS E. CARY, ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2918, DO HEREBY STATE THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THIS IS A TRUE AND CORRECT SET OF RIGHT OF WAY PLANS MADE UNDER MY DIRECT SUPERVISION FOR THE DIVISION OF HIGHWAYS, STATE OF ILLINOIS.

[Signature]
 DOUGLAS E. CARY
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2918
 LICENSE EXPIRES: 11/30/2022
 DATE: 11/30/2021

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

SUBMITTED NOVEMBER 30, 2021
Kensil A. Garnett
 KENSIL A. GARNETT, P.E.
 REGION 3 ENGINEER

EXAMINED NOVEMBER 30, 2021
[Signature]
 DISTRICT CHIEF OF PLATS & PLANS

PASSED NOVEMBER 30, 2021
 DISTRICT LAND ACQUISITION ENGINEER

CONTRACT NO. 70C07

LENGTH OF LAND ACQUISITION PROJECT F.A.S. 1512 (U.S. 150) = 917.20 LIN. FT. = 0.174 MILES

5436005 TE

CHAMPAIGN COUNTY FOREST PRESERVE DISTRICT
PART OF SECTION 8, TOWNSHIP 19 NORTH, RANGE 14 WEST OF THE SECOND
PRINCIPAL MERIDIAN, SITUATED IN CHAMPAIGN COUNTY, ILLINOIS.
PART OF 17-24-17-200-029

TEMPORARY EASEMENT AREA REQUIRED = 7,758 SF = 0.178 AC. +/-

SE 1/4 SEC. 8/19/14

5436001
SARA R. TANZILLO

PART OF THE NORTHWEST QUARTER OF THE NORTHEAST QUARTER OF
SECTION 17, TOWNSHIP 19 NORTH, RANGE 14 WEST OF THE SECOND
PRINCIPAL MERIDIAN, SITUATED IN CHAMPAIGN COUNTY, ILLINOIS.

PART OF 17-24-17-226-011

ROW AREA REQUIRED = 505 SF = 0.012 AC. +/-

5436004

SARA R. TANZILLO

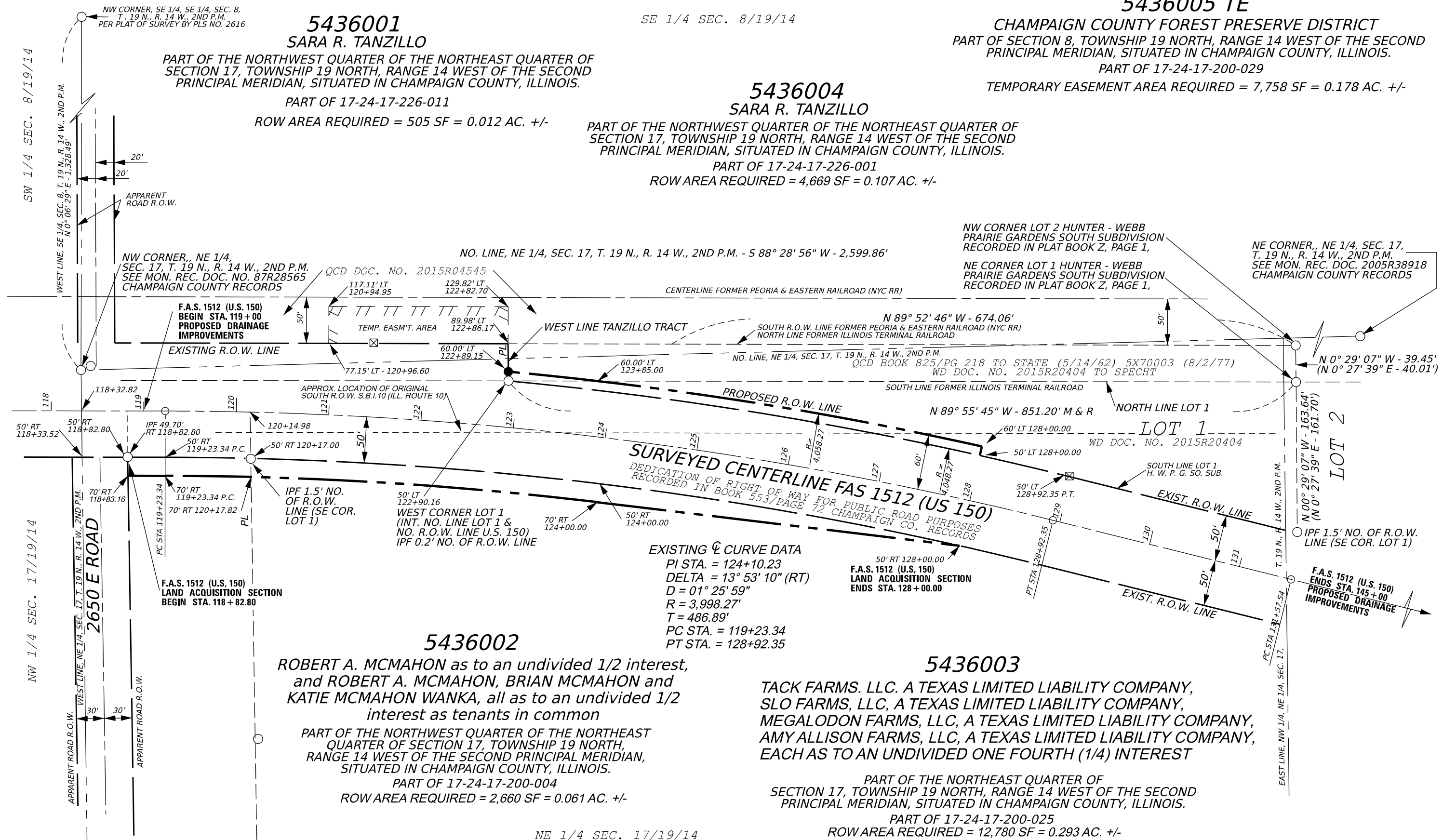
PART OF THE NORTHWEST QUARTER OF THE NORTHEAST QUARTER OF
SECTION 17, TOWNSHIP 19 NORTH, RANGE 14 WEST OF THE SECOND
PRINCIPAL MERIDIAN, SITUATED IN CHAMPAIGN COUNTY, ILLINOIS.

PART OF 17-24-17-226-001

ROW AREA REQUIRED = 4,669 SF = 0.107 AC. +/-

NW CORNER LOT 2 HUNTER - WEBB
PRAIRIE GARDENS SOUTH SUBDIVISION
RECORDED IN PLAT BOOK Z, PAGE 1,
NE CORNER LOT 1 HUNTER - WEBB
PRAIRIE GARDENS SOUTH SUBDIVISION
RECORDED IN PLAT BOOK Z, PAGE 1,

NE CORNER, NE 1/4, SEC. 17,
T. 19 N., R. 14 W., 2ND P.M.
SEE MON. REC. DOC. 2005R38918
CHAMPAIGN COUNTY RECORDS



EXISTING CURVE DATA
PI STA. = 124+10.23
DELTA = 13° 53' 10" (RT)
D = 01° 25' 59"
R = 3,998.27'
T = 486.89'
PC STA. = 119+23.34
PT STA. = 128+92.35

5436002
ROBERT A. MCMAHON as to an undivided 1/2 interest,
and ROBERT A. MCMAHON, BRIAN MCMAHON and
KATIE MCMAHON WANKA, all as to an undivided 1/2
interest as tenants in common

PART OF THE NORTHWEST QUARTER OF THE NORTHEAST
QUARTER OF SECTION 17, TOWNSHIP 19 NORTH,
RANGE 14 WEST OF THE SECOND PRINCIPAL MERIDIAN,
SITUATED IN CHAMPAIGN COUNTY, ILLINOIS.
PART OF 17-24-17-200-004
ROW AREA REQUIRED = 2,660 SF = 0.061 AC. +/-

5436003
TACK FARMS, LLC, A TEXAS LIMITED LIABILITY COMPANY,
SLO FARMS, LLC, A TEXAS LIMITED LIABILITY COMPANY,
MEGALODON FARMS, LLC, A TEXAS LIMITED LIABILITY COMPANY,
AMY ALLISON FARMS, LLC, A TEXAS LIMITED LIABILITY COMPANY,
EACH AS TO AN UNDIVIDED ONE FOURTH (1/4) INTEREST

PART OF THE NORTHEAST QUARTER OF
SECTION 17, TOWNSHIP 19 NORTH, RANGE 14 WEST OF THE SECOND
PRINCIPAL MERIDIAN, SITUATED IN CHAMPAIGN COUNTY, ILLINOIS.
PART OF 17-24-17-200-025
ROW AREA REQUIRED = 12,780 SF = 0.293 AC. +/-

* REVISED 10/15/2021 NAME CHANGE PARCEL 5436001 and 5436004
** REVISED 11/12/2021 NAME CHANGE PARCEL 5436003
*** REVISED 11/30/2021 MISSPELLINGS
**** REVISED 12/15/2021 NAME CHANGE PARCEL 5436002

* F.A.S. 1512 (U.S. 150) & F.A.P. 836 (IL 49)

MODEL: SHORLNAME
FILE: NAME: SHEET

USER NAME = \$USERS	DESIGNED - _____	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RIGHT OF WAY PLANS		F.A.P. RTE. _____	SECTION (1,119) DR	COUNTY CHAMPAIGN	TOTAL SHEETS 74	SHEET NO. 74
PLOT SCALE = 1" = 100'	DRAWN - D CARY	REVISED - **		PROJECT _____	JOB NO. R-95-043-16					
PLOT DATE = \$DATES	CHECKED - _____	REVISED - ***		SCALE: 1" = 100'	SHEET 2 OF 2 SHEETS	STA. 249+00 TO STA. 279+00	FED. ROAD DIST. NO. _____	ILLINOIS	FED. AID PROJECT	CONTRACT NO. 70C07
	DATE - _____	REVISED - ****								