

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.S. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1252	(R-4)CR	BUREAU	100*	1
ILLINOIS			CONTRACT NO. 66F91	

* 100 + 7 = 107 TOTAL SHEETS.

R-93-004-18
P-93-019-17
D-93-005-22

INDEX OF SHEETS

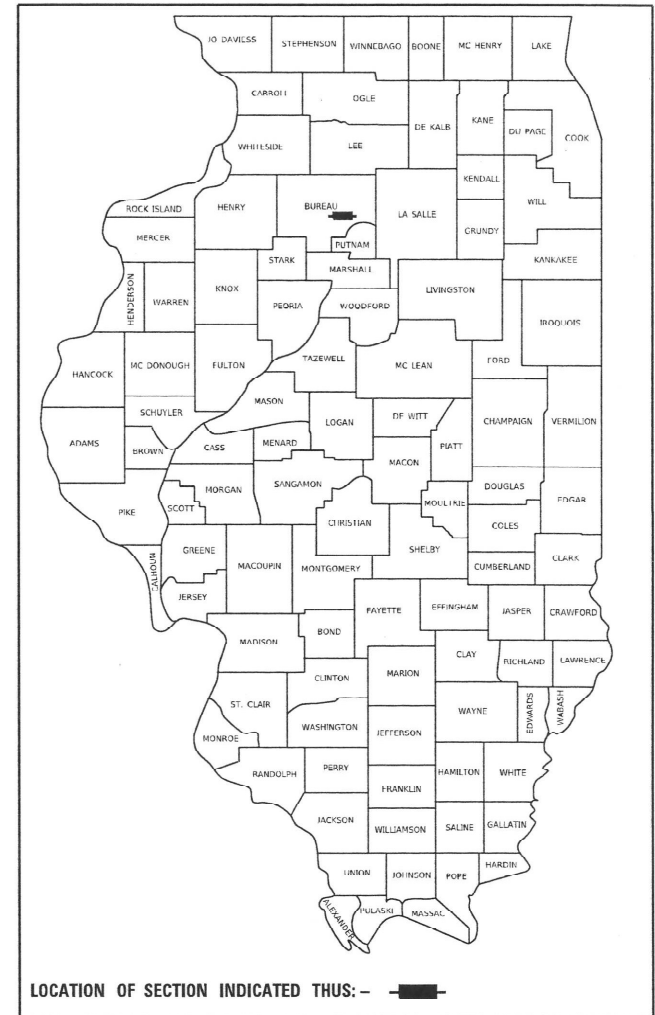
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HIGHWAY STANDARDS

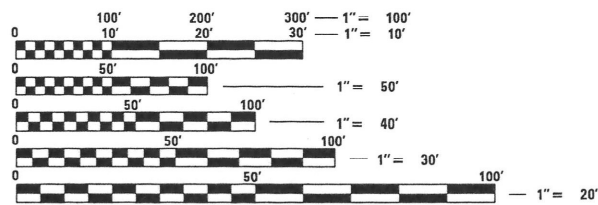
SEE SHEET 2 FOR LIST OF STANDARDS

PROPOSED
HIGHWAY PLANS

FAS ROUTE 1252 (IL 29)
SECTION (R-4)CR
PROJECT STP-IUGQ(682)
CULVERT REMOVAL AND REPLACEMENT
BUREAU COUNTY



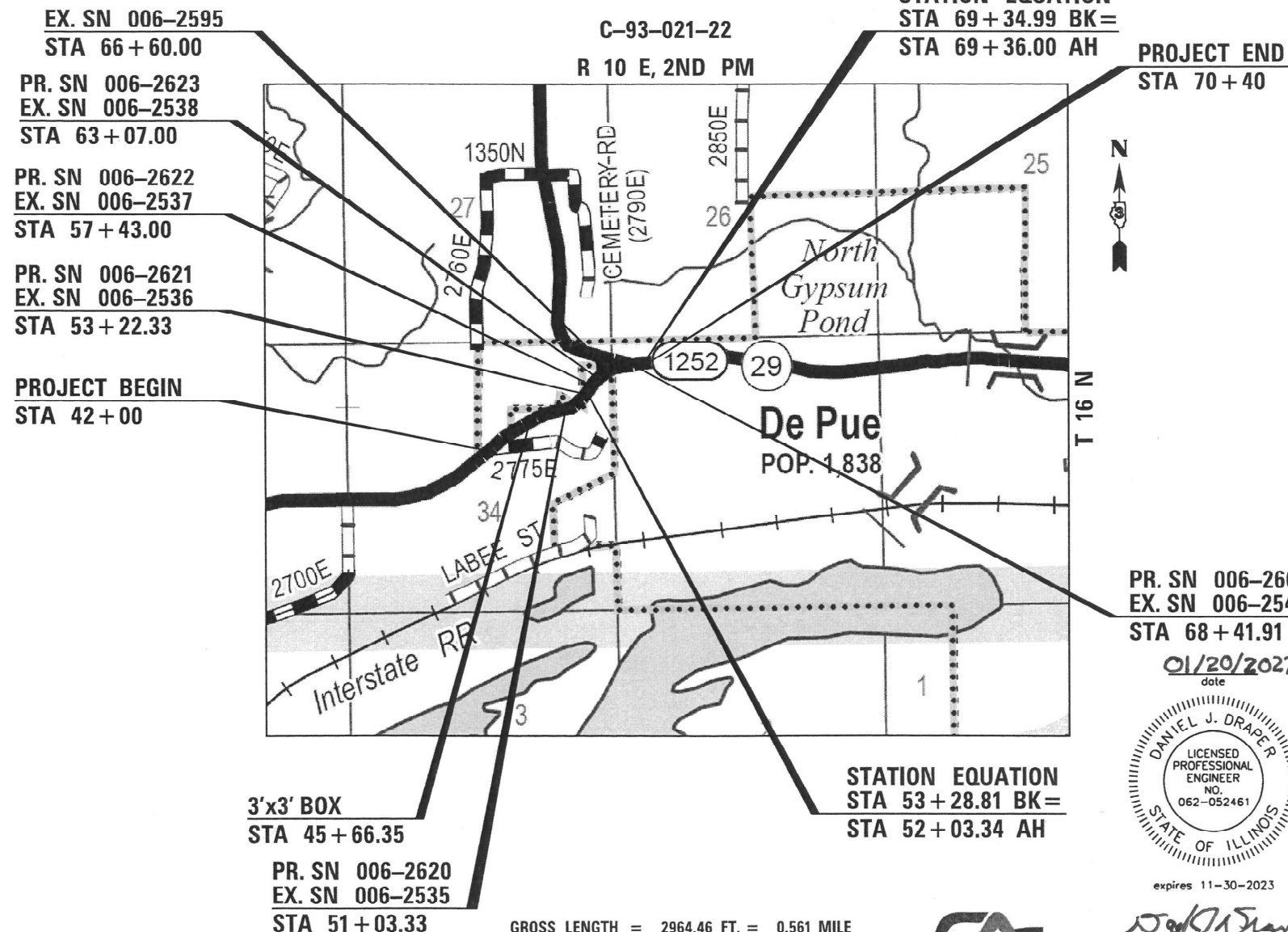
MAJOR COLLECTOR
ADT=950 (2019)
S.U.=4.2% M.U.=1.6% P.V.=94.2%



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 EXCAVATORS
1-800-892-0123
OR 811

PROJECT ENGINEER: BRAD DUNCAN, P.E.
UNIT CHIEF: LUIS CALDERON, P.E.
DISTRICT 3 NO. (815) 434-6131
CONTRACT NO. 66F91



PR. SN 006-2609
EX. SN 006-2540
STA 68+41.91

01/20/2022
date



expires 11-30-2023

signature
PROFESSIONAL DESIGN FIRM
LICENSE NO. 184-001717

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED February 04, 2022

REGIONAL ENGINEER

March 25, 2022

ENGINEER OF DESIGN AND ENVIRONMENT

March 23, 2022

DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

GENERAL NOTES

THE HMA SURFACE OF ALL MAILBOX TURNOUTS, PRIVATE ENTRANCES, COMMERCIAL ENTRANCES, AND SIDE ROADS SHALL BE MADE NEATLY, IN A WORKMANLIKE MANNER, AND SHALL ACCURATELY CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. IF REQUIRED BY THE ENGINEER, THE CONTRACTOR SHALL SAW CUT THE HMA SURFACE TO CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. THIS WORK WILL BE INCLUDED IN THE COST OF THE HMA SURFACE.

EXCEPT AS NOTED ON THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.

BEFORE ORDERING PIPE CULVERTS OR PIPE DRAINS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR EXACT LENGTHS.

THE ENGINEER WILL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HMA LIFTS.

THE FINISHED EARTHWORK SHALL HAVE A VEGETATION SUSTAINING SOIL COVERING THE TOP FOUR INCHES (100 MILLIMETERS) IN AREAS TO BE SEEDED OR SODDED. THE VEGETATION SUSTAINING SOIL REQUIRED WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF FURNISHED EXCAVATION.

SHORT TERM PAVEMENT MARKING SHALL BE USED TO OUTLINE EXIT AND ENTRANCE RAMPS FOR THE PRIME COAT APPLICATION AND EACH RESURFACING LIFT.

ON EXISTING PAVEMENT WHICH MAY BE SUPERELEVATED, THE NEW HMA PAVEMENT SHALL BE BUILT WITH THE SAME SUPERELEVATION UNLESS NEW SUPERELEVATION RATES ARE GIVEN ON THE PLANS.

ALL ELEVATIONS REFERRING TO U.S.G.S. MEAN SEA LEVEL DATUM.

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

GRANULAR MATERIALS	2.05	TONS / CU YD
HMA RESURFACING	112	LBS / SQ YD / IN
SHORT TERM PAVEMENT MARKIN	10	FT /100 FT OF APPLICATION
MIX FOR CRACKS, JTS & FLGWY	0.0003	TONS / SQ YD
BINDER (HAND METHOD)	0.0005	TONS / SQ YD

THE WORK REQUIRED TO CONNECT ANY SEWER TO AN EXISTING DRAINAGE STRUCTURE OR PIPE WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE BID FOR THE SEWER ITEMS.

MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:

FRONTIER, AMEREN ILLINOIS, COMCAST, AND THE VILLAGE OF DEPUE

COMMITMENTS

TREES 3" (INCHES) OR GREATER IN DIAMETER AT BREAST HEIGHT SHALL NOT BE CLEARED FROM APRIL 1ST THROUGH SEPTEMBER 30TH.

PRE AND POST DETOUR INSPECTIONS OF LOCAL ROADS WILL BE MADE BY CONSTRUCTION STAFF AND COORDINATED WITH COUNTY ENGINEERS AND TOWNSHIP COMMISSIONERS.

HIGHWAY STANDARDS

BLR 17-4	TRAFFIC CONTROL DEVICES - DAY LABOR CONSTRUCTION
BLR 22-7	TYPICAL APP OF T.C.D. RURAL LOCAL HIGHWAY (2-LANE 2-WAY RURAL TRAF.) (ROAD CLOSED TO THRU TRAFFIC)
000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
442201-03	CLASS C AND D PATCHES
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
542401-04	METAL FLARED END SECTION FOR PIPE CULVERTS
602301-04	INLET, TYPE A
604036-03	GRATE, TYPE 8
606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606101-05	TYPE A GUTTER (INLET, OUTLET AND ENTRANCE)
630001-12	STEEL PLATE BEAM GUARDRAIL
630201-07	PCC/HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
630301-09	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631006-08	TRAFFIC BARRIER TERMINAL, TYPE 1B
631011-10	TRAFFIC BARRIER TERMINAL, TYPE 2
666001-01	RIGHT-OF-WAY MARKERS
701001-02	OFF-ROAD OPERATIONS 2L, 2W, MORE THAN 15' (4.5 m) AWAY
701006-05	OFF-ROAD OPERATIONS 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701011-04	OFF-ROAD MOVING OPERATIONS 2L, 2W, DAY ONLY
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
701901-08	TRAFFIC CONTROL DEVICES
720011-01	METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
725001-01	OBJECT AND TERMINAL MARKERS
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE
AS BUILT INFORMATION

SUPERVISING CONSTRUCTION FIELD ENGINEER

RESIDENT ENGINEER / TECHNICIAN

START & END DATES
OF CONSTRUCTION:

INSPECTORS:

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE

PREPARED BY: _____
DISTRICT STUDIES & PLANS ENGINEER

DATE: _____

EXAMINED BY: _____
DISTRICT CONSTRUCTION ENGINEER

DISTRICT MATERIALS ENGINEER

DISTRICT OPERATIONS ENGINEER

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PLOT DATE =	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1252	(R-4)CR	BUREAU	100	2
			CONTRACT NO. 66F91	
ILLINOIS FED. AID PROJECT				

REV. 3/3/22

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
				STP-RURAL	STP-RURAL	STP-RURAL	STP-RURAL	STP-RURAL	STP-RURAL	STP-RURAL
				FED 80%/ STATE 20%	FED 80%/ STATE 20%	FED 80%/ STATE 20%	FED 80%/ STATE 20%	FED 80%/ STATE 20%	FED 80%/ STATE 20%	FED 80%/ STATE 20%
				ROADWAY	MINOR STRUCTURES	MINOR STRUCTURES	MINOR STRUCTURES	MINOR STRUCTURES	MINOR STRUCTURES	MINOR STRUCTURES
				0005	0004	0004	0004	0004	0004	0004
				RURAL	006-2620	006-2621	006-2622	006-2623	006-2595	006-2609
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	879	879						
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	389	389						
20200100	EARTH EXCAVATION	CU YD	2116	2116						
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	168				92	76		
20700220	POROUS GRANULAR EMBANKMENT	CU YD	7927	721	1742	1483	1886	847	20	1228
20800150	TRENCH BACKFILL	CU YD	39	39						
25000300	SEEDING, CLASS 3	ACRE	1.50	1.50						
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	152	152						
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	152	152						
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	152	152						
25100630	EROSION CONTROL BLANKET	SQ YD	133	133						
25100635	HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	8023	8023						
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	555	555						
28000305	TEMPORARY DITCH CHECKS	FOOT	20	20						

* SPECIALTY ITEM

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PLOT DATE =	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 1 OF 7 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1252	(R-4)ES	BUREAU	100	3
ILLINOIS FED. AID PROJECT			CONTRACT NO. 66F91	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
				STP-RURAL	STP-RURAL	STP-RURAL	STP-RURAL	STP-RURAL	STP-RURAL	STP-RURAL
				FED 80%/ STATE 20%	FED 80%/ STATE 20%	FED 80%/ STATE 20%	FED 80%/ STATE 20%	FED 80%/ STATE 20%	FED 80%/ STATE 20%	FED 80%/ STATE 20%
				ROADWAY	MINOR STRUCTURES	MINOR STRUCTURES	MINOR STRUCTURES	MINOR STRUCTURES	MINOR STRUCTURES	MINOR STRUCTURES
				0005	0004	0004	0004	0004	0004	0004
				RURAL	006-2620	006-2621	006-2622	006-2623	006-2595	006-2609
28000400	PERIMETER EROSION BARRIER	FOOT	2992	2992						
28000500	INLET AND PIPE PROTECTION	EACH	1	1						
28100105	STONE RIPRAP, CLASS A3	SQ YD	963	963						
28100107	STONE RIPRAP, CLASS A4	SQ YD	790	16	107	147	77	177	46	220
28200200	FILTER FABRIC	SQ YD	790	16	107	147	77	177	46	220
31100500	SUBBASE GRANULAR MATERIAL, TYPE A 6"	SQ YD	1487	1487						
35501332	HOT-MIX ASPHALT BASE COURSE, 12"	SQ YD	1161	1161						
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	100	100						
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	3877	3877						
40600370	LONGITUDINAL JOINT SEALANT	FOOT	2905	2905						
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	2	2						
40600900	HOT-MIX ASPHALT BINDER COURSE (HAND METHOD), N50	TON	4	4						
40602965	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N50	TON	568	568						
40604000	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5FG, MIX "C", N50	TON	568	568						

* SPECIALTY ITEM

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PLOT DATE =	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 2 OF 7 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1252	(R-4)ES	BUREAU	100	4
ILLINOIS FED. AID PROJECT			CONTRACT NO. 66F91	

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
				STP-RURAL	STP-RURAL	STP-RURAL	STP-RURAL	STP-RURAL	STP-RURAL	STP-RURAL
				FED 80%/ STATE 20%	FED 80%/ STATE 20%	FED 80%/ STATE 20%	FED 80%/ STATE 20%	FED 80%/ STATE 20%	FED 80%/ STATE 20%	FED 80%/ STATE 20%
				ROADWAY	MINOR STRUCTURES	MINOR STRUCTURES	MINOR STRUCTURES	MINOR STRUCTURES	MINOR STRUCTURES	MINOR STRUCTURES
				0005	0004	0004	0004	0004	0004	0004
				RURAL	006-2620	006-2621	006-2622	006-2623	006-2595	006-2609
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	58	58						
44000100	PAVEMENT REMOVAL	SQ YD	1226	1226						
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	8634	8634						
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	841	841						
44201819	CLASS D PATCHES, TYPE III, 14 INCH	SQ YD	14	14						
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	69	69						
48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	2601	2601						
50100300	REMOVAL OF EXISTING STRUCTURES NO. 1	EACH	1	1						
50100400	REMOVAL OF EXISTING STRUCTURES NO. 2	EACH	1		1					
50100500	REMOVAL OF EXISTING STRUCTURES NO. 3	EACH	1			1				
50100600	REMOVAL OF EXISTING STRUCTURES NO. 4	EACH	1				1			
50100700	REMOVAL OF EXISTING STRUCTURES NO. 5	EACH	1					1		
50100800	REMOVAL OF EXISTING STRUCTURES NO. 6	EACH	1							1
50102400	CONCRETE REMOVAL	CU YD	5						5	

* SPECIALTY ITEM



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 3 OF 7 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1252	(R-4)ES	BUREAU	100	5
ILLINOIS FED. AID PROJECT			CONTRACT NO. 66F91	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
				STP-RURAL	STP-RURAL	STP-RURAL	STP-RURAL	STP-RURAL	STP-RURAL	STP-RURAL
				FED 80%/ STATE 20%	FED 80%/ STATE 20%	FED 80%/ STATE 20%	FED 80%/ STATE 20%	FED 80%/ STATE 20%	FED 80%/ STATE 20%	FED 80%/ STATE 20%
				ROADWAY	MINOR STRUCTURES	MINOR STRUCTURES	MINOR STRUCTURES	MINOR STRUCTURES	MINOR STRUCTURES	MINOR STRUCTURES
				0005	0004	0004	0004	0004	0004	0004
				RURAL	006-2620	006-2621	006-2622	006-2623	006-2595	006-2609
50104400	CONCRETE HEADWALL REMOVAL	EACH	2	2						
50105220	PIPE CULVERT REMOVAL	FOOT	66	66						
50200100	STRUCTURE EXCAVATION	CU YD	8210	721	1812	1510	1897	863	53	1354
50800105	REINFORCEMENT BARS	POUND	95040		16820	15690	13350	9160	4700	35320
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	470						470	
52200015	PERMANENT SHEET PILING	SQ FT	5146			477				4669
54003000	CONCRETE BOX CULVERTS	CU YD	577.5		104	77	67	53	65	212
54010303	PRECAST CONCRETE BOX CULVERTS 3' X 3'	FOOT	92	92						
542A1063	PIPE CULVERTS, CLASS A, TYPE 2 18"	FOOT	50	50						
542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	32	32						
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	1	1						
54262715	METAL FLARED END SECTIONS 15"	EACH	2	2						
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	1	1						
60500060	REMOVING INLETS	EACH	1	1						

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 4 OF 7 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1252	(R-4)ES	BUREAU	100	6
ILLINOIS FED. AID PROJECT			CONTRACT NO. 66F91	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
				STP-RURAL	STP-RURAL	STP-RURAL	STP-RURAL	STP-RURAL	STP-RURAL	STP-RURAL
				FED 80%/ STATE 20%	FED 80%/ STATE 20%	FED 80%/ STATE 20%	FED 80%/ STATE 20%	FED 80%/ STATE 20%	FED 80%/ STATE 20%	FED 80%/ STATE 20%
				ROADWAY	MINOR STRUCTURES	MINOR STRUCTURES	MINOR STRUCTURES	MINOR STRUCTURES	MINOR STRUCTURES	MINOR STRUCTURES
				0005	0004	0004	0004	0004	0004	0004
				RURAL	006-2620	006-2621	006-2622	006-2623	006-2595	006-2609
60602500	CONCRETE GUTTER, TYPE A	FOOT	201	201						
60609200	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.12	FOOT	355	355						
60610400	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24	FOOT	438	438						
* 63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	2275	2275						
* 63100041	TRAFFIC BARRIER TERMINAL, TYPE 1B	EACH	4	4						
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	2	2						
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	17	17						
63200310	GUARDRAIL REMOVAL	FOOT	2459	2459						
66600105	FURNISHING AND ERECTING RIGHT OF WAY MARKERS	EACH	45	45						
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	9	9						
67100100	MOBILIZATION	L SUM	1	1						
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	91	91						
70300100	SHORT TERM PAVEMENT MARKING	FOOT	593	593						
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	198	198						

* SPECIALTY ITEM

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 5 OF 7 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1252	(R-4)ES	BUREAU	100	7
ILLINOIS FED. AID PROJECT			CONTRACT NO. 66F91	

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							
				STP-RURAL	STP-RURAL	STP-RURAL	STP-RURAL	STP-RURAL	STP-RURAL	STP-RURAL	
				FED 80%/ STATE 20%	FED 80%/ STATE 20%	FED 80%/ STATE 20%	FED 80%/ STATE 20%	FED 80%/ STATE 20%	FED 80%/ STATE 20%	FED 80%/ STATE 20%	
				ROADWAY	MINOR STRUCTURES	MINOR STRUCTURES	MINOR STRUCTURES	MINOR STRUCTURES	MINOR STRUCTURES	MINOR STRUCTURES	
				0005	0004	0004	0004	0004	0004	0004	0004
				RURAL	006-2620	006-2621	006-2622	006-2623	006-2595	006-2609	
70300221	TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT	FOOT	11858	11858							
70300281	TEMPORARY PAVEMENT MARKING - LINE 24" - PAINT	FOOT	12	12							
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	17	17							
* 78003181	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - STANDARD - LINE 24"	FOOT	12	12							
* 78008310	POLYUREA PAVEMENT MARKING TYPE II - LINE 4"	FOOT	23716	23716							
* 78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	11858	11858							
* 78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	12	12							
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	37	37							
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	54	54							
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	37	37							
X0327809	LINEAR DELINEATOR PANELS, 4 INCH	EACH	54	54							
X2810108	STONE RIPRAP, CLASS A4 (SPECIAL)	SQ YD	13						13		
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	218	218							
* X6330725	STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS)	FOOT	88	88							

* SPECIALTY ITEM



USER NAME = CHAMLIN	DESIGNED - DJD	REVISED -
	DRAWN - NV	REVISED -
PLOT SCALE =	CHECKED -	REVISED -
PLOT DATE =	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 6 OF 7 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1252	(R-4)ES	BUREAU	100	8
ILLINOIS FED. AID PROJECT			CONTRACT NO. 66F91	

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							
				STP-RURAL	STP-RURAL	STP-RURAL	STP-RURAL	STP-RURAL	STP-RURAL	STP-RURAL	
				FED 80%/ STATE 20%	FED 80%/ STATE 20%	FED 80%/ STATE 20%	FED 80%/ STATE 20%	FED 80%/ STATE 20%	FED 80%/ STATE 20%	FED 80%/ STATE 20%	
				ROADWAY	MINOR STRUCTURES	MINOR STRUCTURES	MINOR STRUCTURES	MINOR STRUCTURES	MINOR STRUCTURES	MINOR STRUCTURES	
				0005	0004	0004	0004	0004	0004	0004	0004
				RURAL	006-2620	006-2621	006-2622	006-2623	006-2595	006-2609	
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1							
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1							
Z0016702	DETOUR SIGNING	L SUM	1	1							
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	63	63							
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	7540	7540							
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1							
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	70	70							
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1							
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	15	15							

* SPECIALTY ITEM

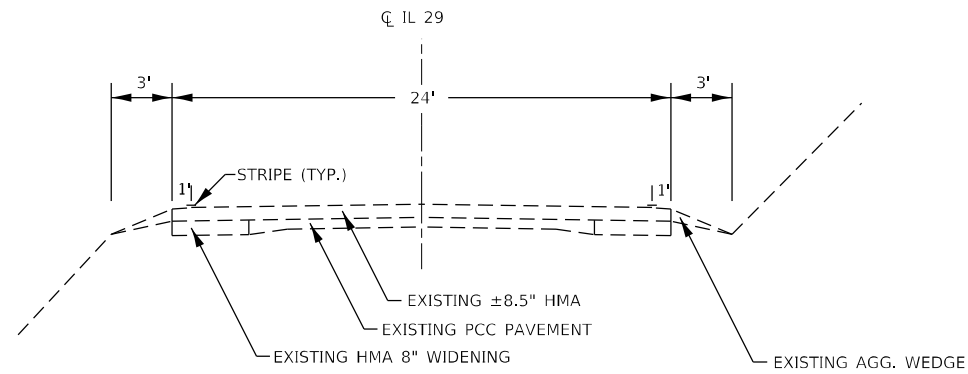
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

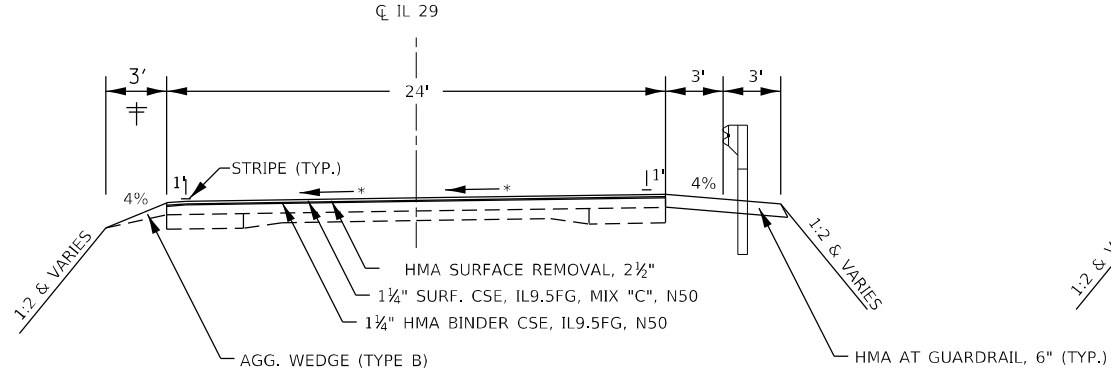
SUMMARY OF QUANTITIES

SCALE: SHEET 7 OF 7 SHEETS STA. TO STA.

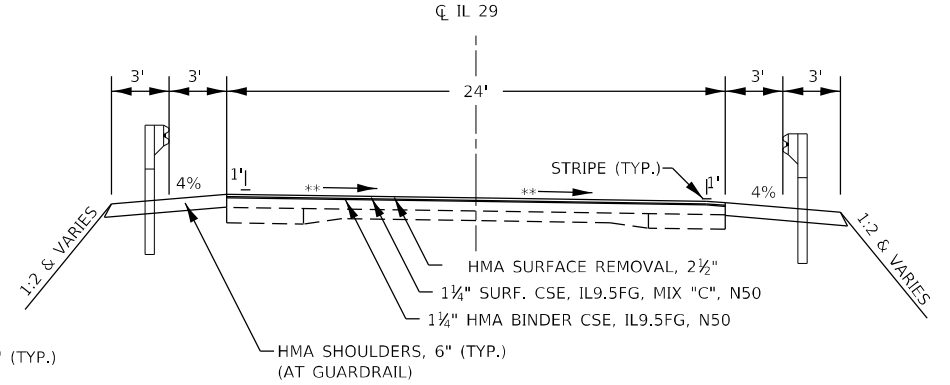
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1252	(R-4)ES	BUREAU	100	9
			CONTRACT NO. 66F91	
		ILLINOIS FED. AID PROJECT		



EXISTING IL 29 TYPICAL
STA 42+00.00 TO STA 70+40.00



PROPOSED IL 29 TYPICAL
(SUPERELEVATED SECTION) * 5% SUPERELEVATION
STA. 53+73.34
TO STA. 58+46.40

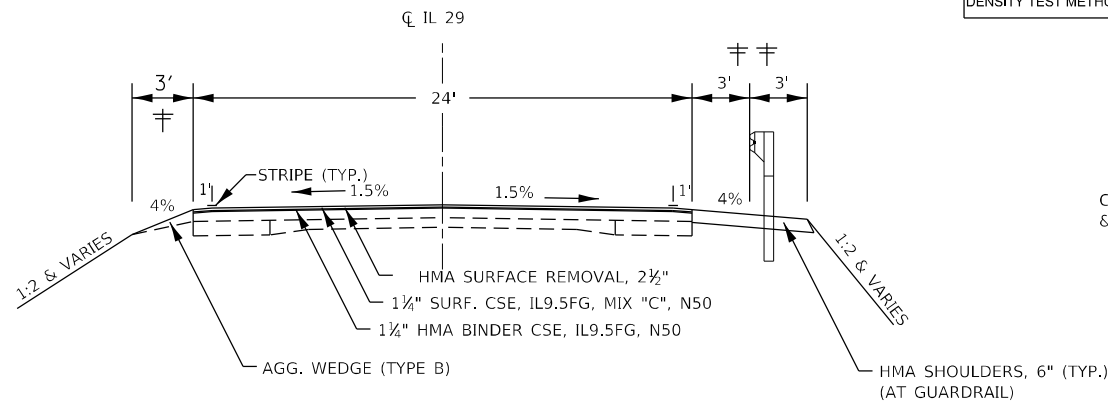


PROPOSED IL 29 TYPICAL
(SUPERELEVATED SECTION) ** 1.5% SUPERELEVATION
STA 66+64.28
TO STA 69+22.32

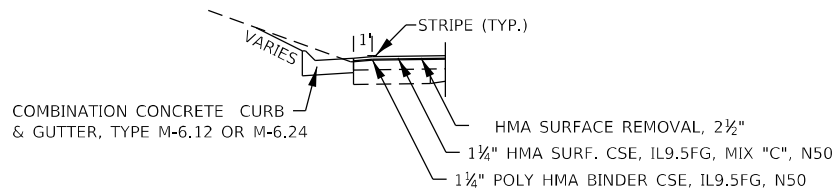
HMA MIXTURE REQUIREMENT TABLE						
LOCATIONS:	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT
MIXTURE USE(S):	HMA BINDER COURSE	HMA SURFACE COURSE	HMA INCIDENTAL	HMA BASE COURSE	HMA SHOULDERS BOTTOM LIFT(S)	HMA SHOULDERS TOP LIFT
BINDER GRADE (PG):	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N50	4.0% @ N50	4.0% @ N50	4.0% @ N50	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION: (MIXTURE GRADATION)	IL-9.5 FG	IL-9.5 FG	IL-9.5FG	IL-19.0	IL-19.0	IL-9.5 FG
FRICTION AGGREGATE:		MIXTURE C				MIXTURE C
MIXTURE WEIGHT:	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN
QUALITY MANAGEMENT PROGRAM:	QC/QA	QC/QA	QC/QA	QC/QA	QC/QA	QC/QA
SUBLOT SIZE:	N/A	N/A	N/A	N/A	N/A	N/A
DENSITY TEST METHOD:	CORES	CORES	SATISFACTION OF THE ENGINEER	CORES	CORES	CORES

≡ SEE DETAIL A FOR LOCATIONS WITH CURB & GUTTER

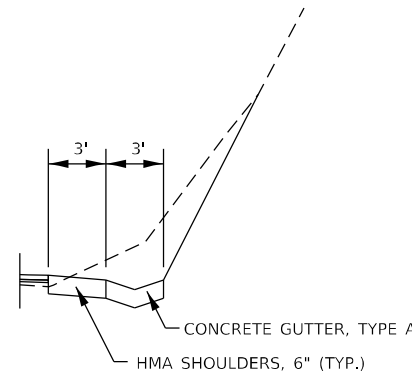
≡≡ SEE DETAIL B FOR LOCATIONS WITH CONCRETE GUTTER, TYPE A



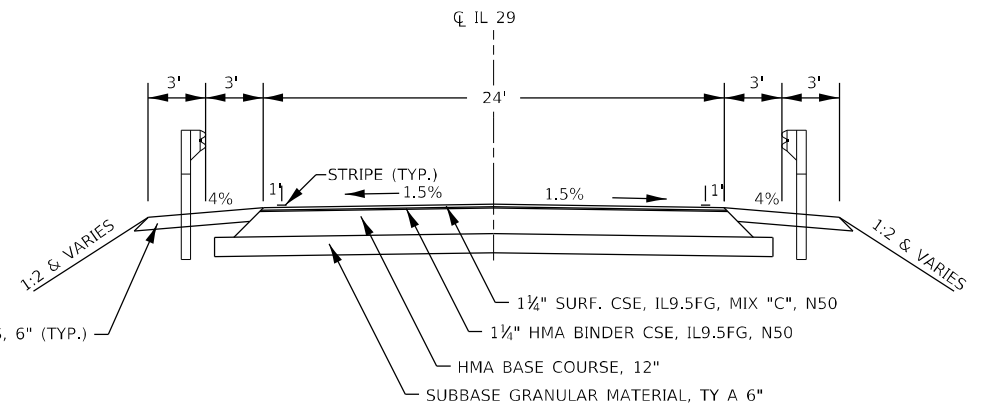
PROPOSED IL 29 TYPICAL △
STA 42+00.00 TO STA 45+41.37
STA 45+91.42 TO STA 50+61.31
STA 51+43.66 TO STA 53+28.81 BK
STA EQ. STA 53+28.81 BK = STA 52+03.34 AH
STA 52+03.34 AH TO STA 52+70.92
STA 53+72.08 TO STA 57+08.16
STA 57+79.35 TO STA 62+81.76
STA 63+32.23 TO STA 66+30
STA 66+30 TO STA 66+90 (PAVING OMISSION)
STA 66+90 TO STA 68+03.31
STA 68+82.98 TO STA 69+34.99 BK
STA EQ. - STA 69+34.99 BK = STA 69+36.00 AH
STA 69+36.00 AH TO STA 70+40.33



DETAIL A
STA 46+51.26 TO STA 50+06.24 M-6.12
STA 53+86.82 TO STA 56+57.62 M-6.24
STA 63+76.51 TO STA 65+43.37 M-6.24



DETAIL B
STA 51+68 TO STA 53+28.81 BK
STA EQ. STA 53+28.81 BK = STA 52+03.34 AH
STA 52+03.34 AH TO STA 52+43



PROPOSED IL 29 TYPICAL △
(RECONSTRUCTION OVER CULVERTS)
STA 45+41.37 TO STA 45+91.42
STA 50+61.31 TO STA 51+43.66
STA 52+70.92 TO STA 53+72.08
STA 57+08.16 TO STA 57+79.35
STA 62+81.76 TO STA 63+32.23
STA 68+03.11 TO STA 68+82.98

△ SEE SUPER ELEVATION TYPICAL SECTIONS AND TRANSITION DETAILS FOR ADDITIONAL INFORMATION.

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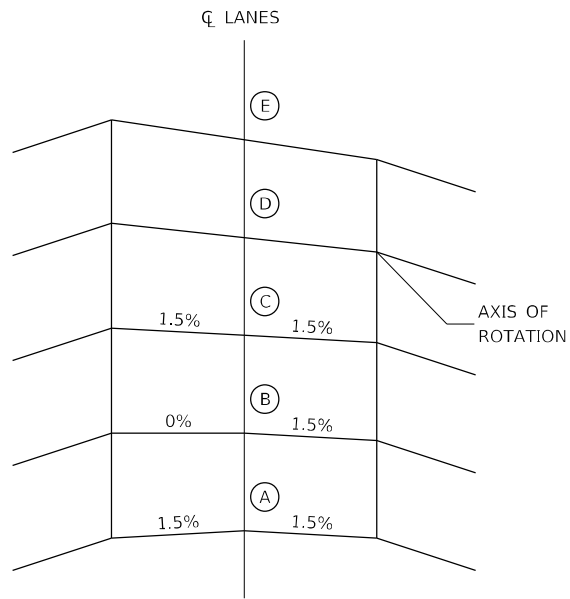
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	DRAWN - NV	REVISED -
PLOT SCALE =	CHECKED -	REVISED -
PLOT DATE =	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

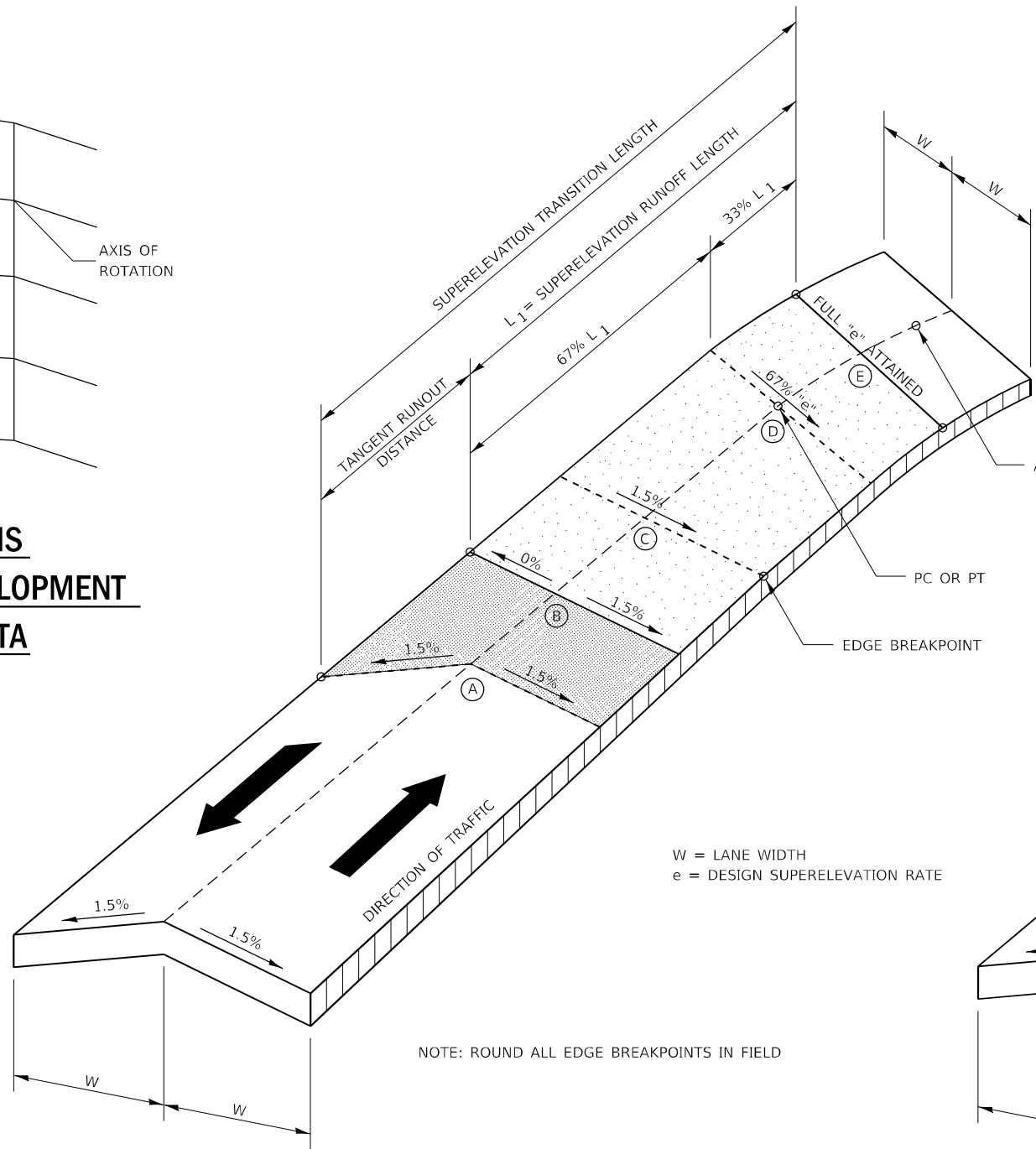
TYPICAL SECTIONS

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1252	(R-4)CR	BUREAU	100	10
CONTRACT NO. 66F91				
ILLINOIS FED. AID PROJECT				



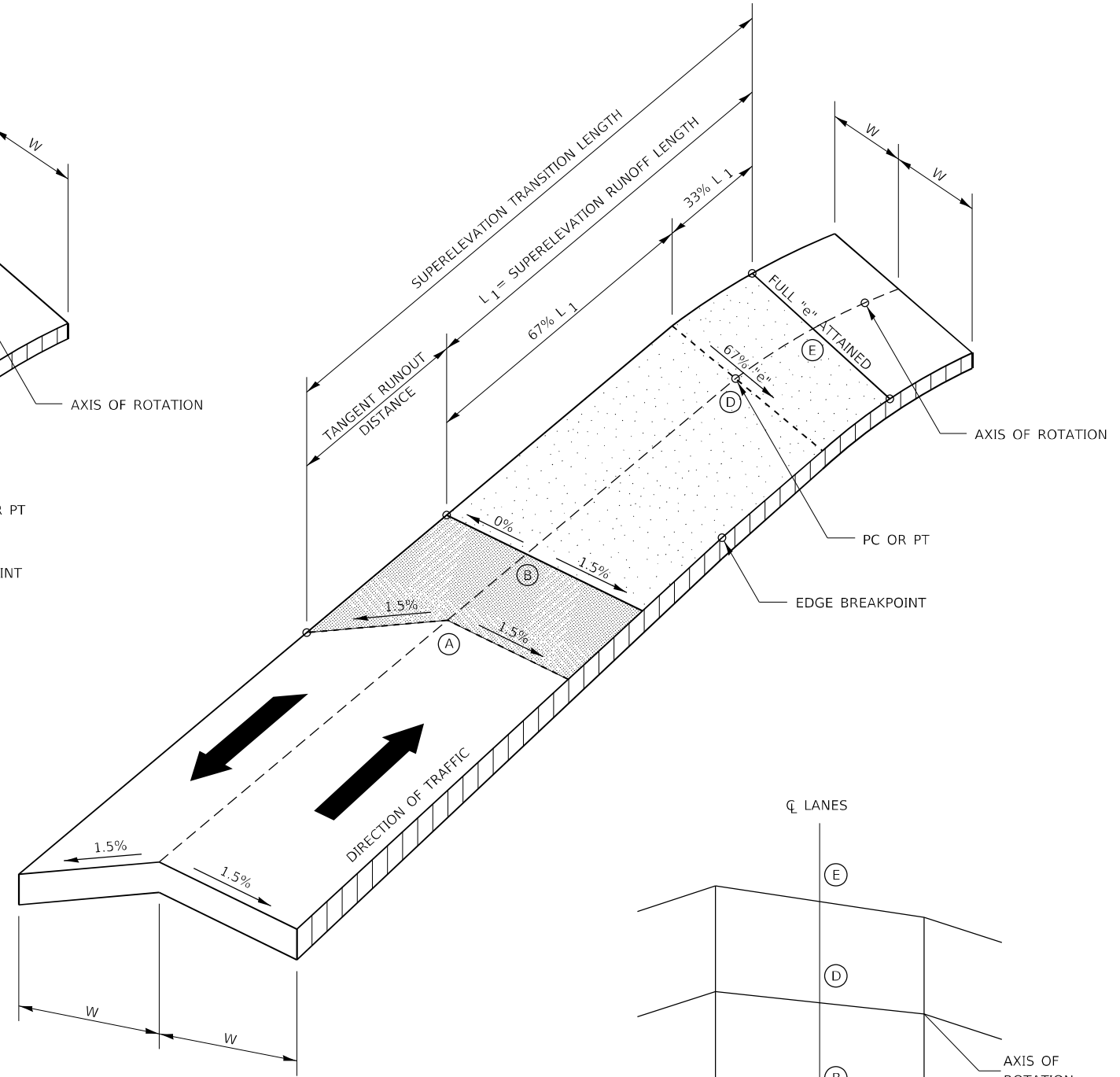
**CROSS SECTIONS
SUPERELEVATION DEVELOPMENT
FOR CURVE AT STA**



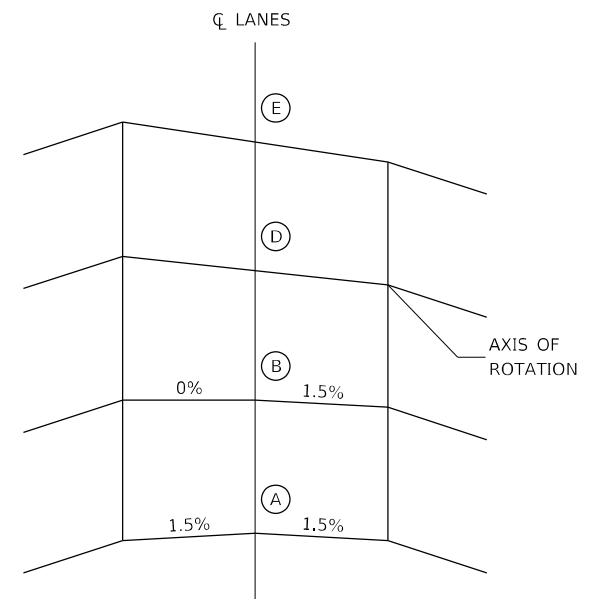
W = LANE WIDTH
e = DESIGN SUPERELEVATION RATE

NOTE: ROUND ALL EDGE BREAKPOINTS IN FIELD

SUPERELEVATION TRANSITION POINTS - PI STA. 56+22.18 (SE = 5%)					
LOCATION	A	B	C	D	E
APPROACH - CURVE AT 56+22.18	52+06.94	52+45.34	52+83.74	53+30.68	53+73.34
DEPARTURE - CURVE AT 52+22.18	60+12.81	59+74.41	59+36.01	58+89.07	58+46.41



SUPERELEVATION TRANSITION POINTS - PI STA. 66+51.61 (SE = 1.5%)					
LOCATION	A	B	C	D	E
APPROACH - CURVE AT 66+51.61	65+88.28	66+26.28		66+51.61	66+64.28
DEPARTURE - CURVE AT 66+51.61	69+99.33	69+61.33		69+34.99 BK	69+22.32 AH



**CROSS SECTIONS
SUPERELEVATION DEVELOPMENT
FOR CURVE AT STA**

SUPERELEVATION TRANSITION ON TWO-LANE HIGHWAY



USER NAME = CHAMLIN
DRAWN - NV
CHECKED -
DATE -

DESIGNED - DID
DRAWN - NV
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1252	(R-4)CR	BUREAU	100	11
CONTRACT NO. 66F91				

ILLINOIS FED. AID PROJECT

DRAINAGE SCHEDULE

LOCATION STA	TO STA	SIDE	TRENCH BACKFILL CU YD	CLASS D PATCHES, TYPE 11, 14 INCH CU YD	CONCRETE HEADWALL REMOVAL EACH	PIPE CULVERT REMOVAL FOOT	PIPE CULVERTS, CLASS A, TYPE 2 18" FOOT	PIPE CULVERTS, CLASS D, TYPE 1 15" EACH	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18" EACH	METAL FLARED END SECTIONS 15" EACH	INLETS, TYPE A, GRATE EACH	REMOVING INLETS EACH	
													43+56.00
44+49.00	TO	44+49.00	LT/RT	34.6	13.3	--	48.6	50.0	--	1	--	1	1
TOTAL					39	14	2	66	50	32	1	2	1

GUARDRAIL SCHEDULE

LOCATION STA	TO STA	SIDE	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FT POSTS FOOT	TRAFFIC BARRIER TERM., TYPE 1B EACH	TRAFFIC BARRIER TERM., TYPE 2 EACH	TRAFFIC BARRIER TERM. TYPE 1 (SPECIAL) TANGENT EACH	GUARDRAIL REMOVAL FOOT	TERM. MARKER DIRECT APPLY EACH	GUARDRAIL REFLECTOR, TYPE A WHITE EACH	LINEAR DELINEATOR PANELS, 4 INCH WHITE EACH	STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS) FOOT	HMA SHOULDER, 6" (AT STEEL PLATE BEAM GUARDRAIL) SQ YD		
													43+12.00	TO
44+00.00	TO	46+00.00	LT	100.0	--	--	2	203.0	2	4	4	--	161.72	
49+77.00	TO	51+65.00	RT	112.5	1	--	1	98.0	1	3	3	--	126.70	
50+57.00	TO	52+57.00	LT	100.0	--	--	2	179.0	2	4	4	--	164.18	
52+20.00	TO	53+95.00	LT	100.0	1	--	1	135.0	1	3	3	--	122.45	
52+45.00	TO	54+45.00	RT	100.0	--	--	2	148.0	2	4	4	--	154.44	
56+30.00	TO	58+17.50	RT	112.5	1	--	1	154.0	1	3	3	--	136.48	
57+00.00	TO	63+87.50	LT	612.5	1	--	1	576.0	1	10	10	--	468.92	
61+72.00	TO	67+34.50	RT	462.5	--	--	2	303.0	2	8	8	--	406.65	
66+30.00	TO	68+28.00	LT	125.0	--	1	1	202.0	1	3	3	37.5	237.96	
67+95.00	TO	70+46.00	RT	200.0	--	1	1	142.0	1	4	4	--	182.94	
68+67.00	TO	70+16.00	LT	50.0	--	--	1	150.0	1	3	3	50.0	219.99	
TOTAL					2275.0	4	2	17	2459	17	54	54	87.5	2601

BOX CULVERT REMOVAL SCHEDULE

LOCATION	DESCRIPTION	LENGTH FOOT	STRUCTURE NO. 1 EACH	STRUCTURE NO. 2 EACH	STRUCTURE NO. 3 EACH	STRUCTURE NO. 4 EACH	STRUCTURE NO. 5 EACH	STRUCTURE NO. 6 EACH
51+03.00	5' X 4' BOX (SN 006-2535)	104	--	1	--	--	--	--
53+20.00	5' X 4' BOX (SN 006-2536)	135	--	--	1	--	--	--
57+43.00	5' X 4' BOX (SN 006-2537)	110	--	--	--	1	--	--
63+07.00	5' X 4' BOX (SN 006-2538)	63	--	--	--	--	1	--
68+40.00	10' X 8' BOX (SN 006-2540)	76	--	--	--	--	--	1

RAISED REFLECTIVE PAVEMENT MARKER SCHEDULE

LOCATION STA	TO STA	LENGTH FOOT	RAISED REFLECTIVE PAVEMENT MARKER TWO-WAY AMBER EACH	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL EACH	
					42+00.00
STA EQ. 53+28.81 BK	TO	52+03.34 AH			
52+03.34	TO	69+34.99	1731.7	22	22
STA EQ. 69+34.99 BK	TO	69+36.00 AH			
69+36.00	TO	70+40.00	104	1	1
TOTAL			37	37	

TEMPORARY PAVEMENT MARKING SCHEDULE

LOCATION STA	TO STA	LENGTH FOOT	SHORT TERM PAVEMENT MARKING FOOT	SHORT TERM PAVEMENT MARKING REMOVAL SQ FT	TEMPORARY PAVEMENT MARKING - LINE 4"		TEMPORARY PAVEMENT MARKING - LINE 24"	
					WHITE FOOT	YELLOW FOOT		
42+00.00	TO	53+28.81	1128.81	226	75	2258	2258	--
STA EQ. 53+28.81 BK	TO	52+03.34 AH						
52+03.34	TO	69+34.99	1731.65	346	115	3463	3463	--
STA EQ. 69+34.99 BK	TO	69+36.00 AH						
69+36.00	TO	70+40.00	104	21	7	208	208	12
TOTAL			2964.46	593	198	11858		12

PERMANENT SURVEY MARKER SCHEDULE

MONUMENT	DESCRIPTION	EXISTING	PROPOSED	MONUMENT	RESPONSIBILITY
N/A	NO PERMANENT SURVEY MARKERS OR SECTION CORNER MARKERS TO BE SET ON THIS JOB	N/A	N/A	N/A	N/A

ONLY THE ORIGINAL SCOPE OF THIS JOB HAS BEEN SEARCHED FOR MONUMENTS. R.E. MUST INFORM PLATS AND PLANS TO SEARCH FOR ADDITIONAL MONUMENTS PRIOR TO MILLING IF ADDENDUMS HAVE BEEN ADDED TO THIS JOB.

NO KNOWN LAND SURVEY OR CENTERLINE CONTROL MONUMENTS ARE ON THE ROAD SURFACE THAT WILL BE DISTURBED BY THE CULVERT REPLACEMENTS.

UNKNOWN MONUMENTS MAY EXIST. IF AN UNLISTED MONUMENT IS FOUND, R.E. IS REQUIRED TO PROTECT THE MONUMENT FROM DAMAGE UNTIL A PLATS AND PLANS LAND SURVEYOR CAN DOCUMENT THE MONUMENT. PLATS AND PLANS WILL RESET SUCH MONUMENTS IN KIND FOLLOWING CONSTRUCTION.

NO MONUMENT RECORDS ARE REQUIRED FOR THIS JOB.

CURB & GUTTER SCHEDULE

LOCATION STA	TO STA	SIDE	COMBINATION CONCRETE CURB & GUTTER, TYPE M-6.12 FOOT	COMBINATION CONCRETE CURB & GUTTER, TYPE M-6.24 FOOT	CONCRETE GUTTER, TYPE A FOOT
51+68.00	TO	53+28.81	--	--	160.8
STA EQUATION 53+28.81 BK	TO	52+03.34 AH	--	--	--
52+03.34	TO	52+43.00	--	--	39.7
53+86.82	TO	56+57.62	--	270.8	--
63+76.51	TO	65+43.37	--	166.9	--
TOTAL			355	438	201

CURB & GUTTER REMOVAL SCHEDULE

LOCATION STA	TO STA	SIDE	COMBINATION CONCRETE CURB AND GUTTER REMOVAL FOOT
STA EQUATION 53+28.81 BK	TO	52+03.34 AH	
53+87	TO	56+99	312.0
63+77	TO	65+43	166.0
TOTAL			841

SIDEROAD & ENTRANCE SCHEDULE

LOCATION STA	SIDE	TYPE	SUBBASE GRANULAR MATERIAL, TYPE A 6" SQ YD	BIT MATL (TACK COAT) POUND	HMA BINDER CSE, IL 9.5FG, N50 TON	HMA SURF CSE, IL 9.5, MIX "C", N50 TON	INCIDENTAL HOT-MIX ASPHALT SURFACING TON	HMA SURF REMOVAL 2 1/2" SQ YD	HMA SURF REMOVAL, VARIABLE DEPTH SQ YD
65+73.24	LT	SIDE ROAD	--	162.09	25.68	25.68	--	371.20	--
67+69.67	RT	PE	94.35	42.57	--	--	15.85	--	133.84
68+47.99	LT	CE	227.98	105.75	--	--	38.30	--	83.57
TOTAL			344	320	26	26	58	372	218

PERMANENT PAVEMENT MARKING SCHEDULE

LOCATION STA	TO STA	LENGTH FOOT	POLYUREA PAVEMENT MARKING TYPE II - LINE 4"		PREFORMED PLASTIC PAVEMENT MARKING, TY B - 24" FOOT	GROOVING FOR RECESSED PAVEMENT MARKING 5" FOOT	GROOVING FOR RECESSED PAVEMENT MARKING 25" FOOT	
			WHITE FOOT	YELLOW FOOT				
			42+00.00	TO				53+28.81
STA EQ. 53+28.81 BK	TO	52+03.34 AH						
52+03.34	TO	69+34.99	1731.65	6927	6927	--	6927	--
STA EQ. 69+34.99 BK	TO	69+36.00 AH						
69+36.00	TO	70+40.00	104	416	416	12	416	12
TOTAL			2965	23716	12	11858	12	

NOTE: TWO SEPARATE APPLICATIONS OF THE POLYUREA PAVEMENT MARKING WILL BE REQUIRED. THE SECOND APPLICATION SHALL BE PLACED A MINIMUM OF 14 DAYS AFTER THE FIRST APPLICATION.

TEMPORARY INFORMATION SIGNING SCHEDULE

LOCATION	SIZE (IN)	TEMPORARY INFORMATION SIGNING SQ FT
ROAD DETOUR AHEAD SOUTH OF IL 26	42X72	21
ROAD CLOSED TO THRU TRAFFIC IL 29	42X72	21
ROAD DETOUR AHEAD EAST OF DEPUE	42X72	21
TOTAL		63

RIGHT OF WAY MARKERS SCHEDULE

LOCATION STA	OFFSET	SIDE	FURNISHING AND ERECTING RIGHT OF WAY MARKERS EACH
43+50.00	30'	LT	1
45+00.00	65'	LT	1
45+25.00	35'	RT	1
45+74.23	65'	LT	1
45+75.00	50'	RT	1
46+00.00	50'	RT	1
46+42.28	30'	LT	1
46+75.00	35'	RT	1
50+00.00	50'	RT	1
50+50.00	65'	RT	1
51+00.00	50'	RT	1
51+00.00	40'	LT	1
51+75.00	55'	LT	1
52+25.00	40'	LT	1
53+00.00	40'	LT	1
STA EQ. 53+28.81 BK = 52+03.34 AH			
52+25.00	60'	LT	1
52+75.00	60'	LT	1
53+25.00	40'	LT	1
53+50.00	50'	RT	1
53+94.85	70'	RT	1
54+50.00	50'	RT	1
56+50.00	50'	RT	1
56+75.00	70'	RT	1
57+24.20	70'	RT	1
57+50.00	45'	LT	1
57+60.08	45'	LT	1
57+75.00	55'	LT	1
58+00.00	55'	LT	1
58+25.00	45'	LT	1
61+25.00	45'	LT	1
62+50.00	55'	LT	1
62+50.00	30'	RT	1
63+00.00	55'	LT	1
63+00.00	70'	RT	1
63+50.00	45'	LT	1
63+50.00	70'	RT	1
64+00.00	30'	RT	1
66+00.00	30'	RT	1
66+50.00	40'	RT	1
66+85.66	100'	LT	1
67+45.05	45'	LT	1
68+00.00	40'	RT	1
69+00.00	70'	RT	1
69+50.00	70'	RT	1
70+00.00	30'	RT	1
TOTAL			45

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USER NAME = CHAMLIN	DESIGNED - DID	REVISED -
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PLOT DATE =	CHECKED -	REVISED -
	DATE -	REVISED -

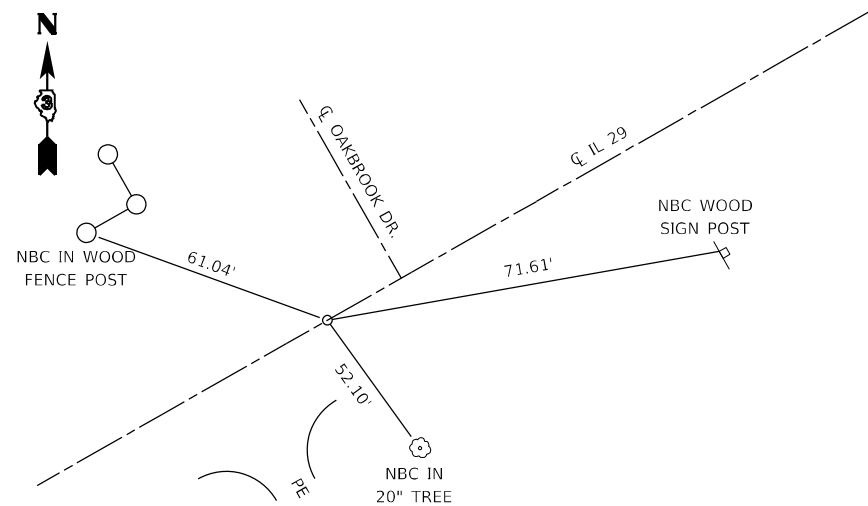
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES

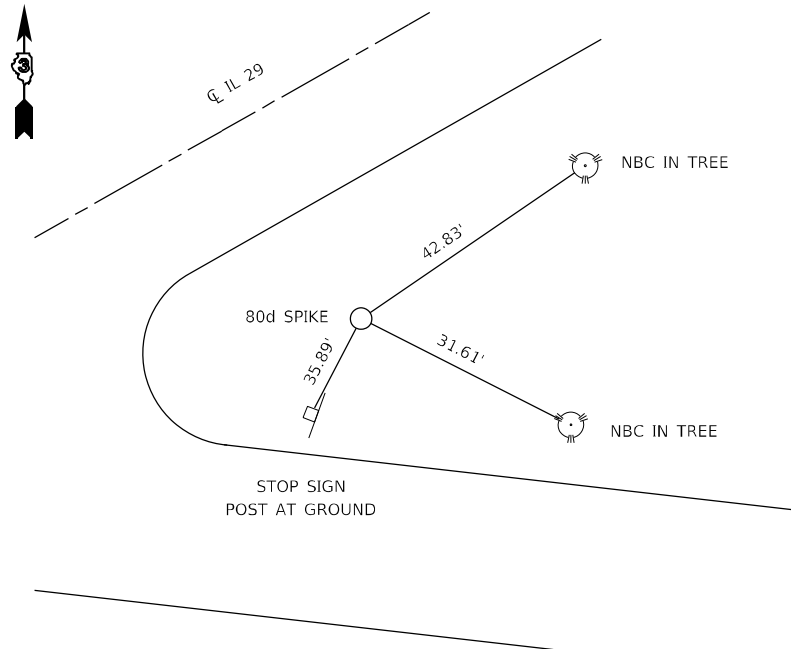
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F.A.S. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1252	(R-4)CR	BUREAU	100	13
		CONTRACT NO. 66F91		
		ILLINOIS FED. AID PROJECT		

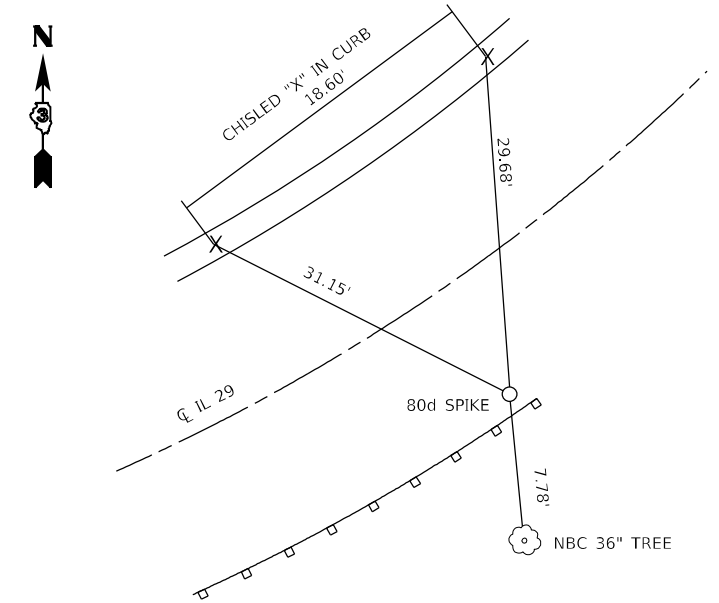
STA EQ. 675+00.00 (BK) = 38+56.96 (AH)



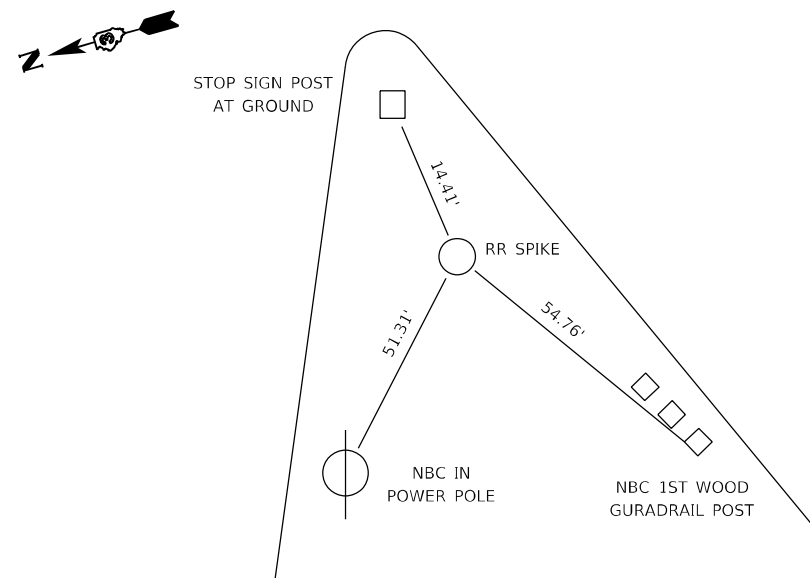
CP 6519 STA 40+42.24, 34.04' RT



CP 6516 STA 54+34.06, 13.92' RT

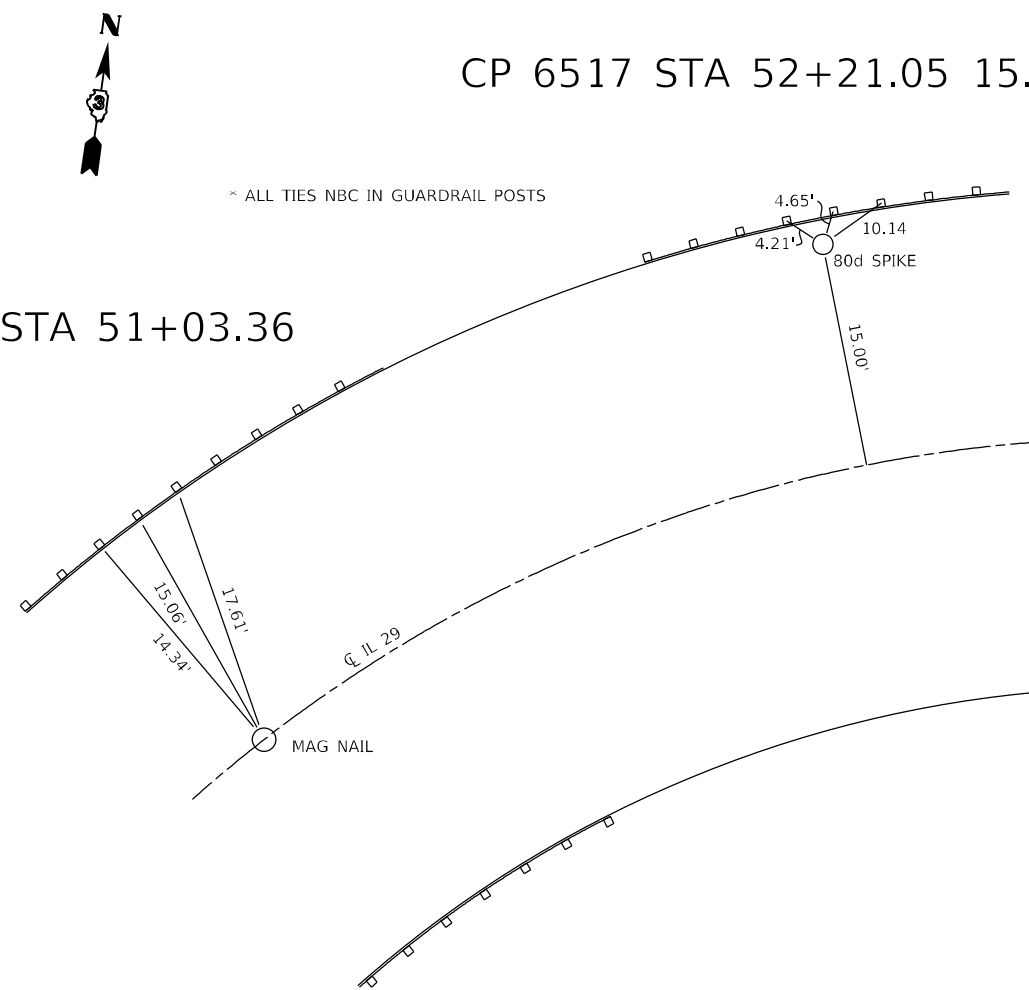


CP 650 70+46.26, 20.08' LT



CP 6517 STA 52+21.05 15.23' LT

SN 006-2535 STA 51+03.36



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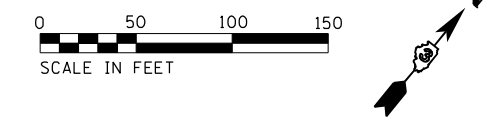
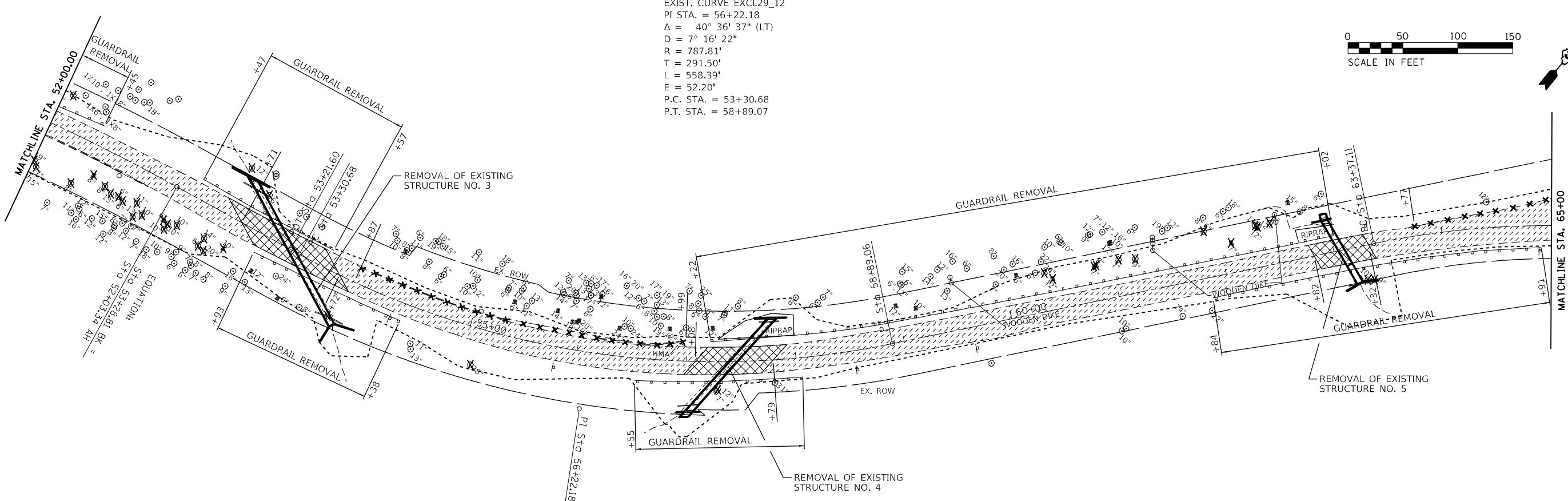
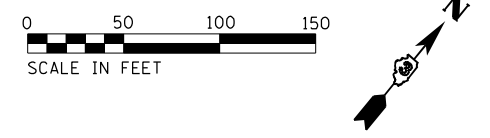
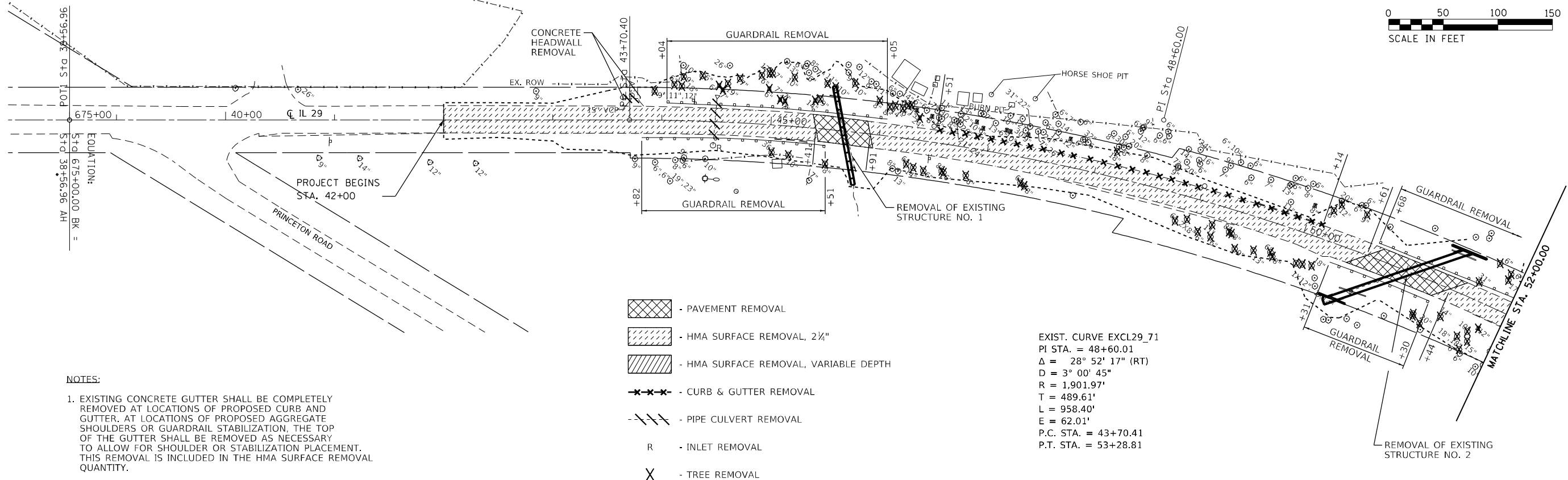
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 REVISED - --

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ALIGNMENT & TIES

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1252	(R-4)CR	BUREAU	100	14
CONTRACT NO. 66F91				
ILLINOIS FED. AID PROJECT				



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



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PLOT DATE =	DATE -	REVISED -

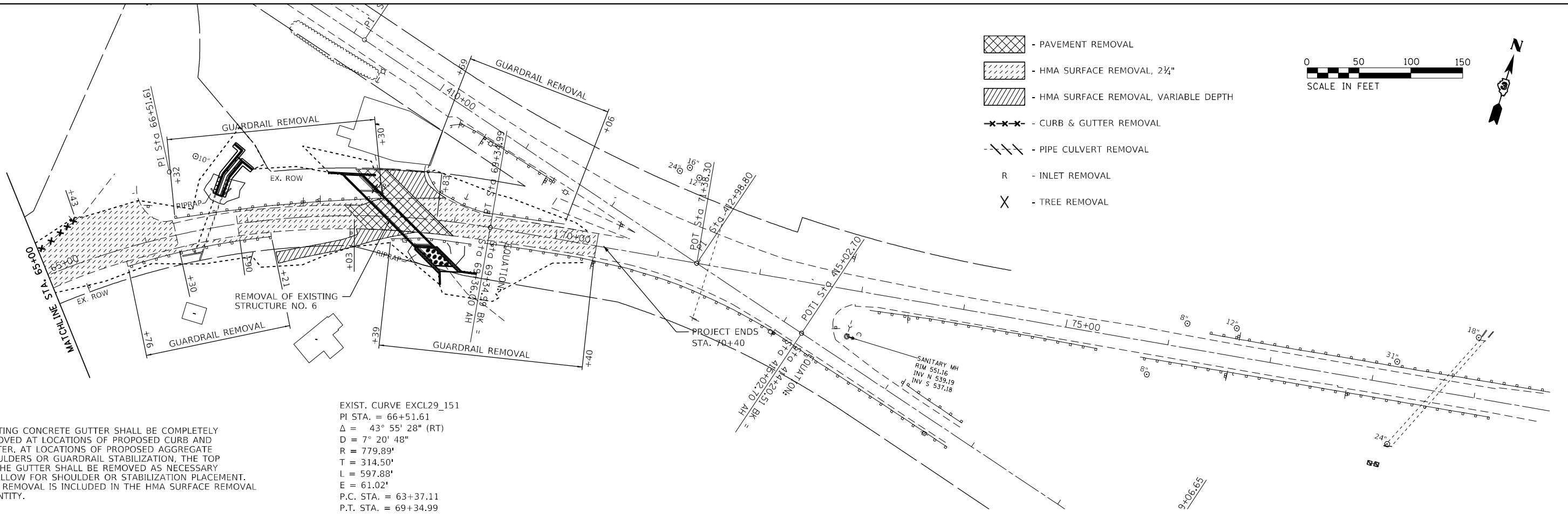
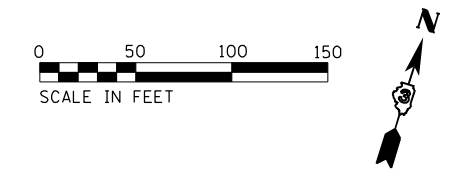
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 29 REMOVAL PLAN	
SCALE:	SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1252	(R-4)CR	BUREAU	100	15
CONTRACT NO. 66F91				
ILLINOIS FED. AID PROJECT				

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-  - PAVEMENT REMOVAL
-  - HMA SURFACE REMOVAL, 2 1/4"
-  - HMA SURFACE REMOVAL, VARIABLE DEPTH
-  - CURB & GUTTER REMOVAL
-  - PIPE CULVERT REMOVAL
- R - INLET REMOVAL
- X - TREE REMOVAL



NOTES:

1. EXISTING CONCRETE GUTTER SHALL BE COMPLETELY REMOVED AT LOCATIONS OF PROPOSED CURB AND GUTTER. AT LOCATIONS OF PROPOSED AGGREGATE SHOULDERS OR GUARDRAIL STABILIZATION, THE TOP OF THE GUTTER SHALL BE REMOVED AS NECESSARY TO ALLOW FOR SHOULDER OR STABILIZATION PLACEMENT. THIS REMOVAL IS INCLUDED IN THE HMA SURFACE REMOVAL QUANTITY.

EXIST. CURVE EXCL29_151
 PI STA. = 66+51.61
 $\Delta = 43^\circ 55' 28''$ (RT)
 D = 7° 20' 48"
 R = 779.89'
 T = 314.50'
 L = 597.88'
 E = 61.02'
 P.C. STA. = 63+37.11
 P.T. STA. = 69+34.99



USER NAME = CHAMLIN	DESIGNED - DID	REVISED -
	DRAWN - NV	REVISED -
PLOT SCALE =	CHECKED -	REVISED -
PLOT DATE =	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

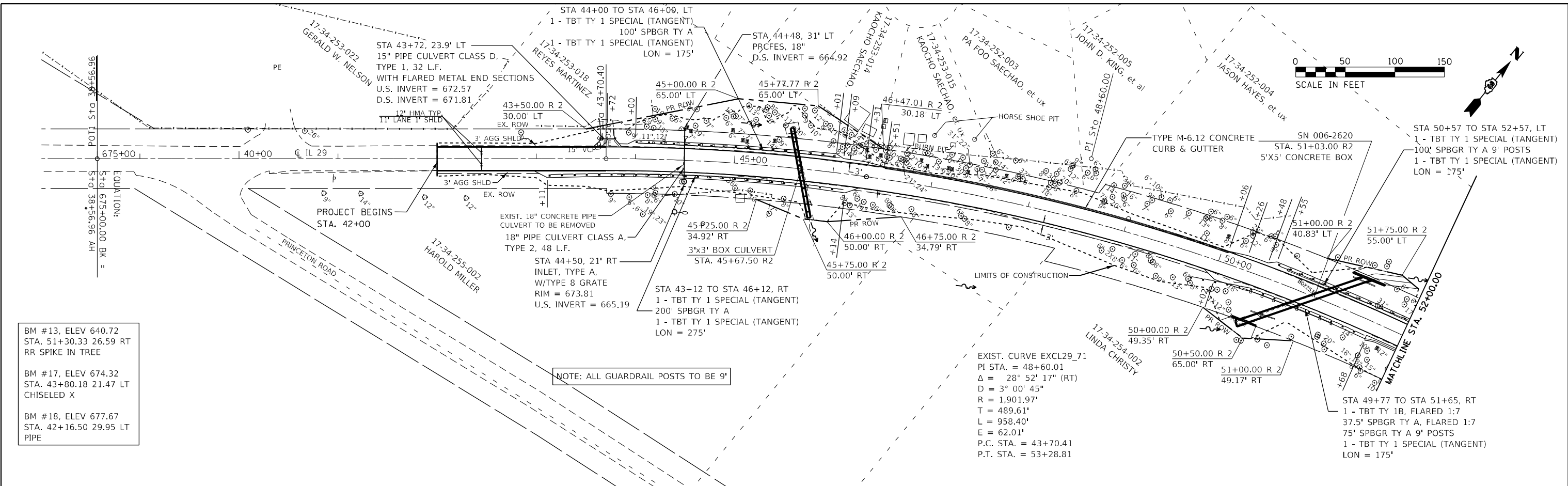
IL 29 REMOVAL PLAN			
SCALE:	SHEET 2	OF 2 SHEETS	STA. TO STA.

F.A.S. RTE. 1252	SECTION (R-4)CR	COUNTY BUREAU	TOTAL SHEETS 100	SHEET NO. 16
CONTRACT NO. 66F91				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	
	CHECKED	
	FILED	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES	
	CHECKED	
	STRUCTURE	
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	NO.	

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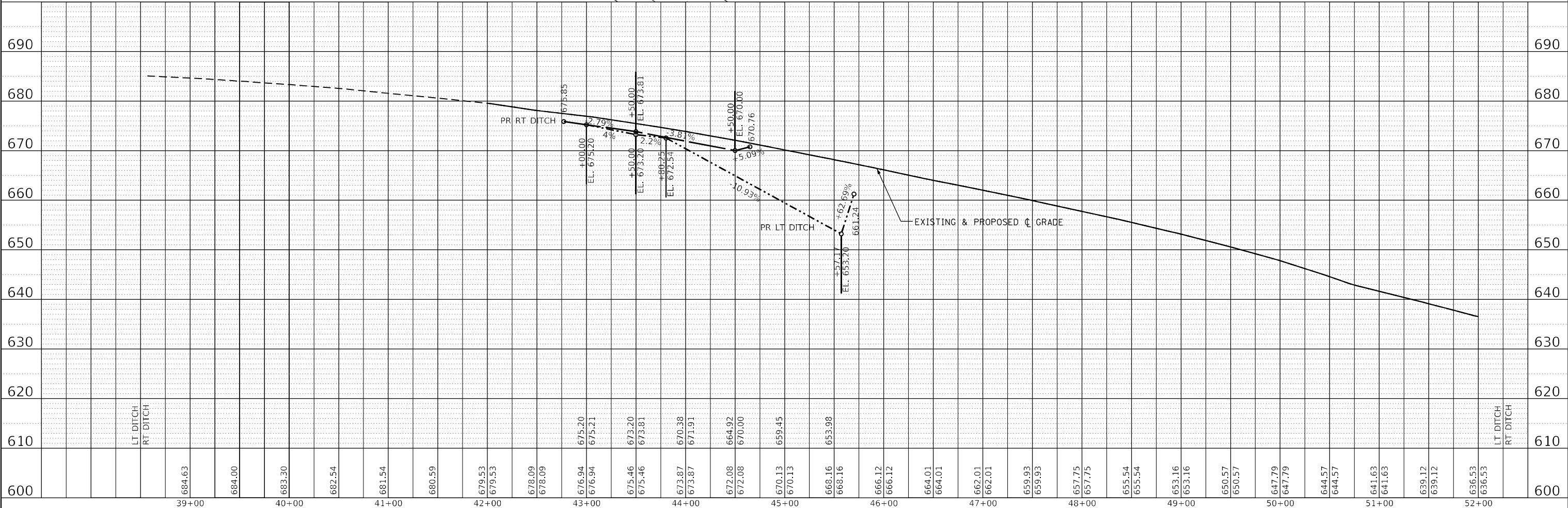
BM #13, ELEV 640.72
 STA. 51+30.33 26.59 RT
 RR SPIKE IN TREE

BM #17, ELEV 674.32
 STA. 43+80.18 21.47 LT
 CHISELED X

BM #18, ELEV 677.67
 STA. 42+16.50 29.95 LT
 PIPE

NOTE: ALL GUARDRAIL POSTS TO BE 9'

EXIST. CURVE EXCL29_71
 PI STA. = 48+60.01
 $\Delta = 28^\circ 52' 17''$ (RT)
 $D = 3^\circ 00' 45''$
 $R = 1,901.97'$
 $T = 489.61'$
 $L = 958.40'$
 $E = 62.01'$
 P.C. STA. = 43+70.41
 P.T. STA. = 53+28.81



USER NAME =	DESIGNED - DID	REVISED -
	DRAWN - NV	REVISED -
PLOT SCALE =	CHECKED -	REVISED -
PLOT DATE =	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

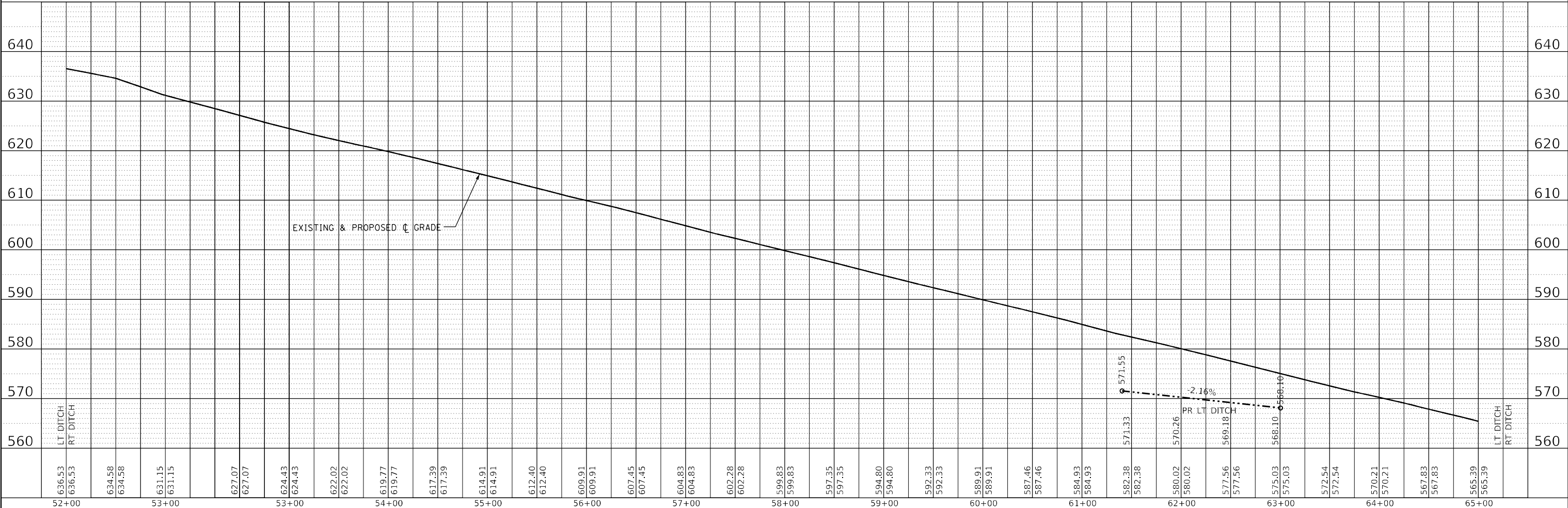
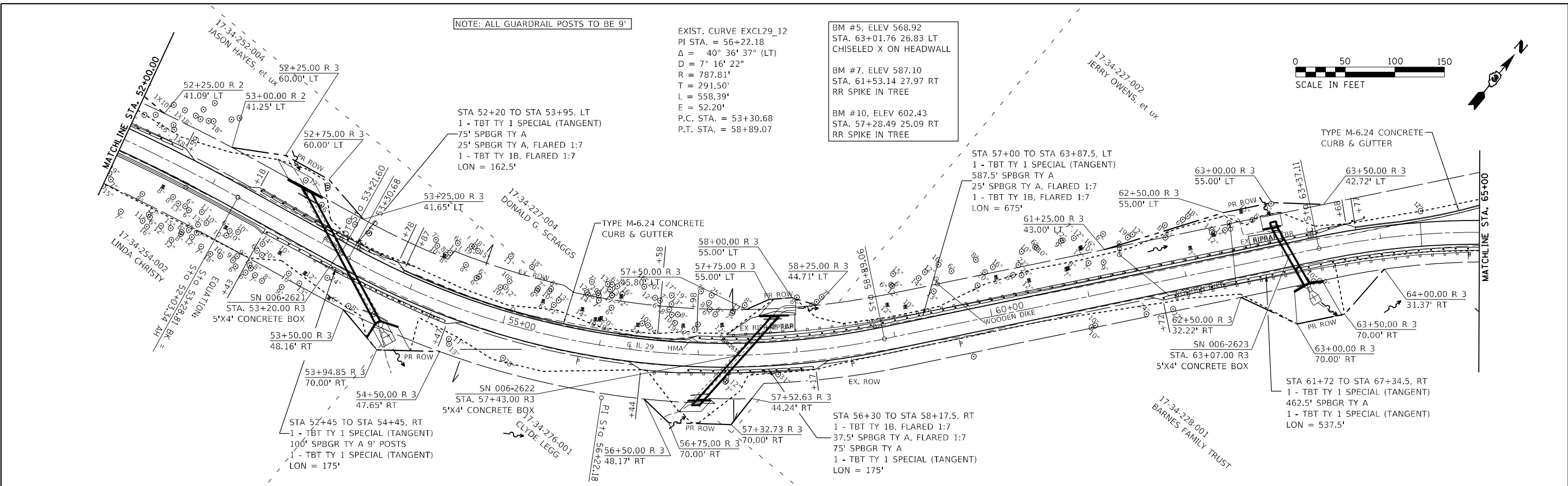
IL 29 PLAN & PROFILE			
SCALE:	SHEET 1	OF 3 SHEETS	STA. 39+00 TO STA. 52+00

F.A.P. RTE. 1252	SECTION (R-4)CR	COUNTY BUREAU	TOTAL SHEETS 100	SHEET NO. 17
ILLINOIS				FED. AID PROJECT
CONTRACT NO. 66F91				

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATION	
	NO.	

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636.53	636.53	634.58	634.58	631.15	631.15	627.07	627.07	624.43	624.43	622.02	622.02	619.77	619.77	617.39	617.39	614.91	614.91	612.40	612.40	609.91	609.91	607.45	607.45	604.83	604.83	602.28	602.28	599.83	599.83	597.35	597.35	594.80	594.80	592.33	592.33	589.91	589.91	587.46	587.46	584.93	584.93	582.38	582.38	580.02	580.02	577.56	577.56	575.03	575.03	572.54	572.54	570.21	570.21	567.83	567.83	565.39	565.39																																																		
52+00				53+00				53+00				54+00				54+00				55+00				55+00				56+00				56+00				57+00				57+00				58+00				58+00				59+00				59+00				60+00				60+00				61+00				61+00				62+00				62+00				63+00				63+00				64+00				64+00				65+00				65+00			



USER NAME = CHAMLIN	DESIGNED - DJD	REVISED -
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PLOT DATE =	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

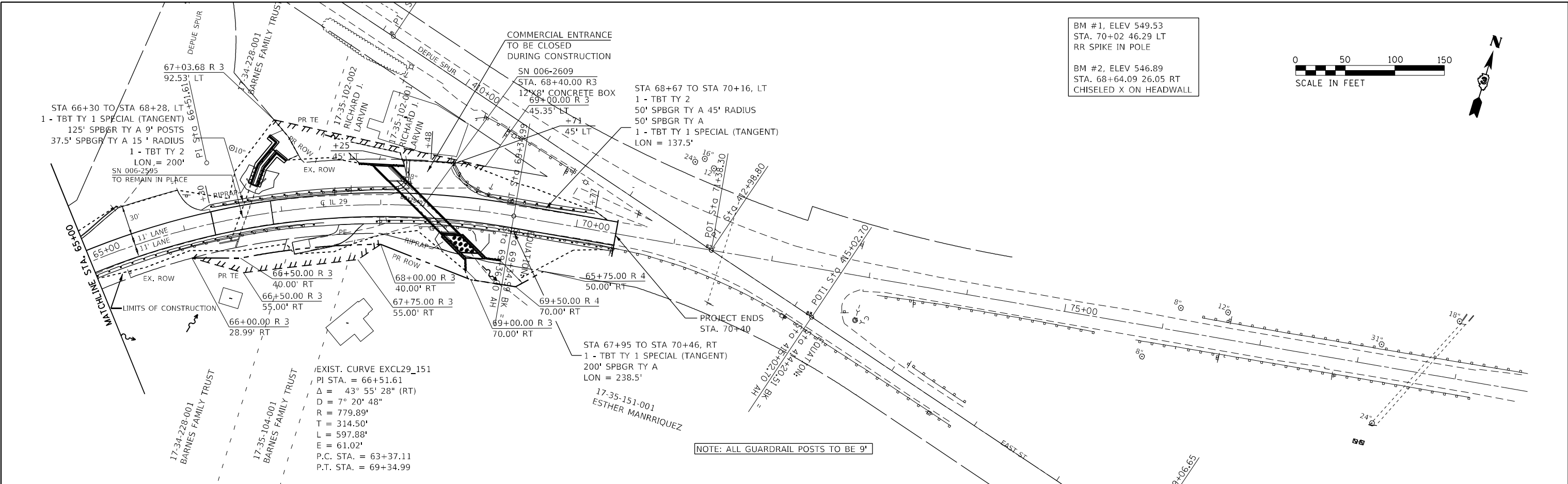
IL 29			
PLAN & PROFILE			
SCALE:	SHEET 2	OF 3	SHEETS
	STA. 52+00	TO STA. 65+00	

F.A.P. RTE. 1252	SECTION (R-4)CR	COUNTY BUREAU	TOTAL SHEETS 100	SHEET NO. 18
CONTRACT NO. 66F91				
ILLINOIS FED. AID PROJECT				

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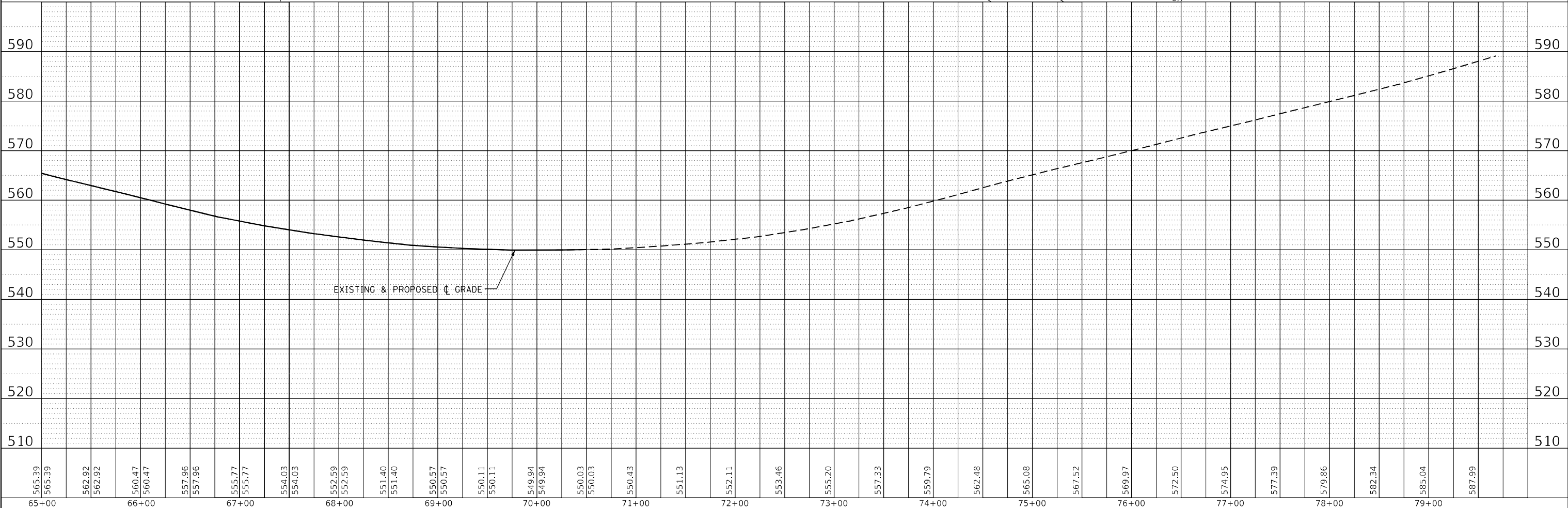
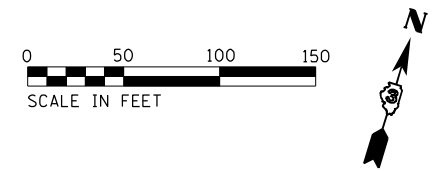
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BM #1, ELEV 549.53
STA. 70+02 46.29 LT
RR SPIKE IN POLE

BM #2, ELEV 546.89
STA. 68+64.09 26.05 RT
CHISELED X ON HEADWALL



565.39	65+00
565.39	66+00
562.92	66+00
562.92	67+00
560.47	67+00
560.47	68+00
557.96	68+00
557.96	69+00
555.77	69+00
555.77	70+00
554.03	70+00
554.03	71+00
552.59	71+00
552.59	72+00
551.40	72+00
551.40	73+00
550.57	73+00
550.57	74+00
550.11	74+00
550.11	75+00
549.94	75+00
549.94	76+00
550.03	76+00
550.03	77+00
550.43	77+00
550.43	78+00
551.13	78+00
551.13	79+00
552.11	79+00
552.11	80+00
553.46	80+00
553.46	81+00
555.20	81+00
555.20	82+00
557.33	82+00
557.33	83+00
559.79	83+00
559.79	84+00
562.48	84+00
562.48	85+00
565.08	85+00
565.08	86+00
567.52	86+00
567.52	87+00
569.97	87+00
569.97	88+00
572.50	88+00
572.50	89+00
574.95	89+00
574.95	90+00
577.39	90+00
577.39	91+00
579.86	91+00
579.86	92+00
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585.04	93+00
585.04	94+00
587.99	94+00
587.99	95+00

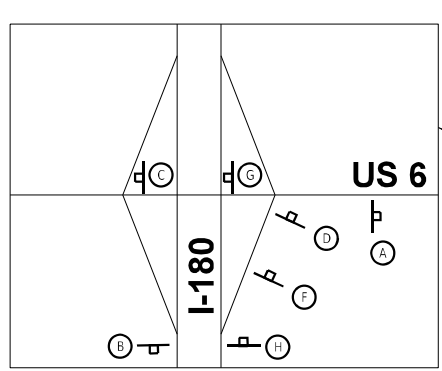
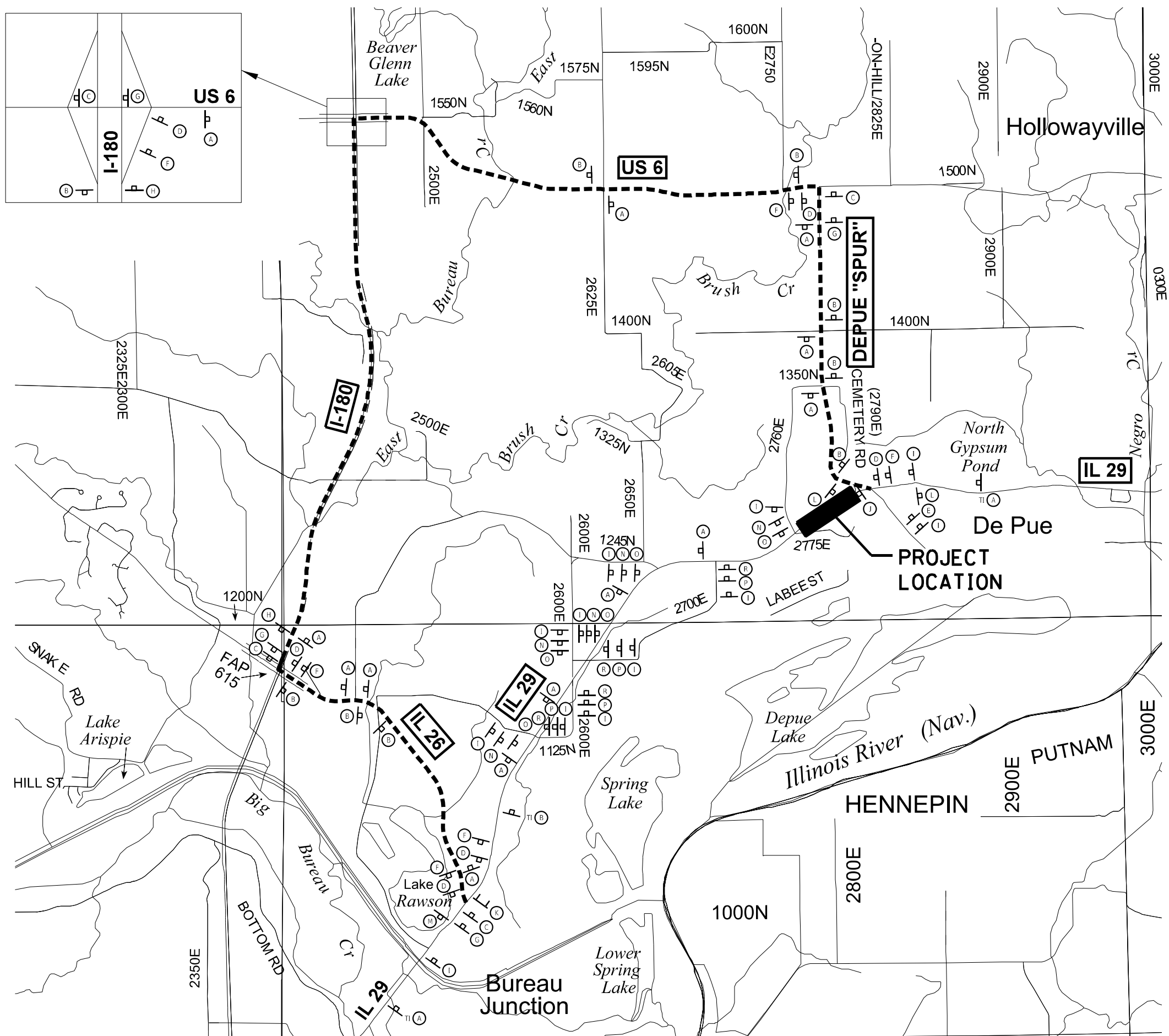
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DRAWN - NV	REVISED -	
CHECKED -	REVISED -	
DATE -	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 29
PLAN & PROFILE**

SCALE: SHEET 3 OF 3 SHEETS STA. 65+00 TO STA. 79+00

F.A.P. RTE. 1252	SECTION (R-4)CR	COUNTY BUREAU	TOTAL SHEETS 100	SHEET NO. 19
CONTRACT NO. 66F91			ILLINOIS FED. AID PROJECT	



- EXISTING CONFLICTING DIRECTIONAL SIGNS TO BE COVERED. DRILLING INTO FACE OF SIGN WILL NOT BE ALLOWED. NO TAPE WILL BE ALLOWED ON EXISTING FACES OF SIGNS.
- CONFIRMATION DETOUR ROUTE SIGNING AS A MINIMUM SHALL BE ERECTED ADJACENT TO EXISTING ROUTE CONFIRMATION SIGNS.
- DETOUR, CARDINAL DIRECTION, AND DIRECTIONAL ARROW SIGNS SHALL BE BLACK ON FLUORESCENT ORANGE SHEETING.

FO = FLUORESCENT ORANGE SHEETING

A	DETOUR NORTH ILLINOIS 29	M4-8-2412FO M3-1-2412FO M1-5-2424	B	DETOUR SOUTH ILLINOIS 29	M4-8-2412FO M3-3-2412FO M1-5-2424	C	DETOUR ILLINOIS 29 ←	M4-8-2412FO M1-5-2424 M6-1-2115FO
D	DETOUR ILLINOIS 29 →	M4-8-2412FO M1-5-2424 M6-1-2115FO	E	DETOUR NORTH ILLINOIS 29 ↑	M4-8-2412FO M3-1-2412FO M1-5-2424 M6-1-2115FO	F	DETOUR ILLINOIS 29 ↓	M4-8-2412FO M1-5-2424 M5-1R-2115FO
G	DETOUR ILLINOIS 29 ↙	M4-8-2412FO M1-5-2424 M5-1L-2115FO	H	DETOUR ILLINOIS 29 ↘	M4-8-2412FO M1-5-2424 M6-2-2115FO	I	DETOUR AHEAD	W20-2-48-48FO
J	ROAD CLOSED →	R11-2-4830 M4R-10-4818	K	ROAD CLOSED ← 3 MILES AHEAD LOCAL TRAFFIC ONLY (ON TYPE III BARRICADE)	R11-4-4830 M4L-10-4818	L	END DETOUR NORTH ILLINOIS 29	M4-8a-2415 M3-1-2412 M1-5-2424
M	END DETOUR SOUTH ILLINOIS 29	M4-8a-2415FO M3-1-2412FO M1-5-2424	N	DETOUR NORTH ILLINOIS 29 ↙	M4-8-2412FO M3-1-2412FO M1-5-2424 M5-1R-2115FO	O	DETOUR NORTH ILLINOIS 29 →	M4-8-2412FO M3-1-2412FO M1-5-2424 M6-1-2115FO
P	DETOUR NORTH ILLINOIS 29 ↘	M4-8-2412FO M3-1-2412FO M1-5-2424 M5-1L-2115FO	R	DETOUR NORTH ILLINOIS 29 ←	M4-8-2412FO M3-1-2412FO M1-5-2424 M6-1-2115FO	Q SKIPPED INTENTIONALLY		

TEMPORARY INFORMATION SIGNS

ROAD DETOUR AHEAD EXPECT DELAYS TI A	ROAD CLOSED TO THRU TRAFFIC TI B
---	--

SEE TEMPORARY INFORMATION SIGNING DETAILS

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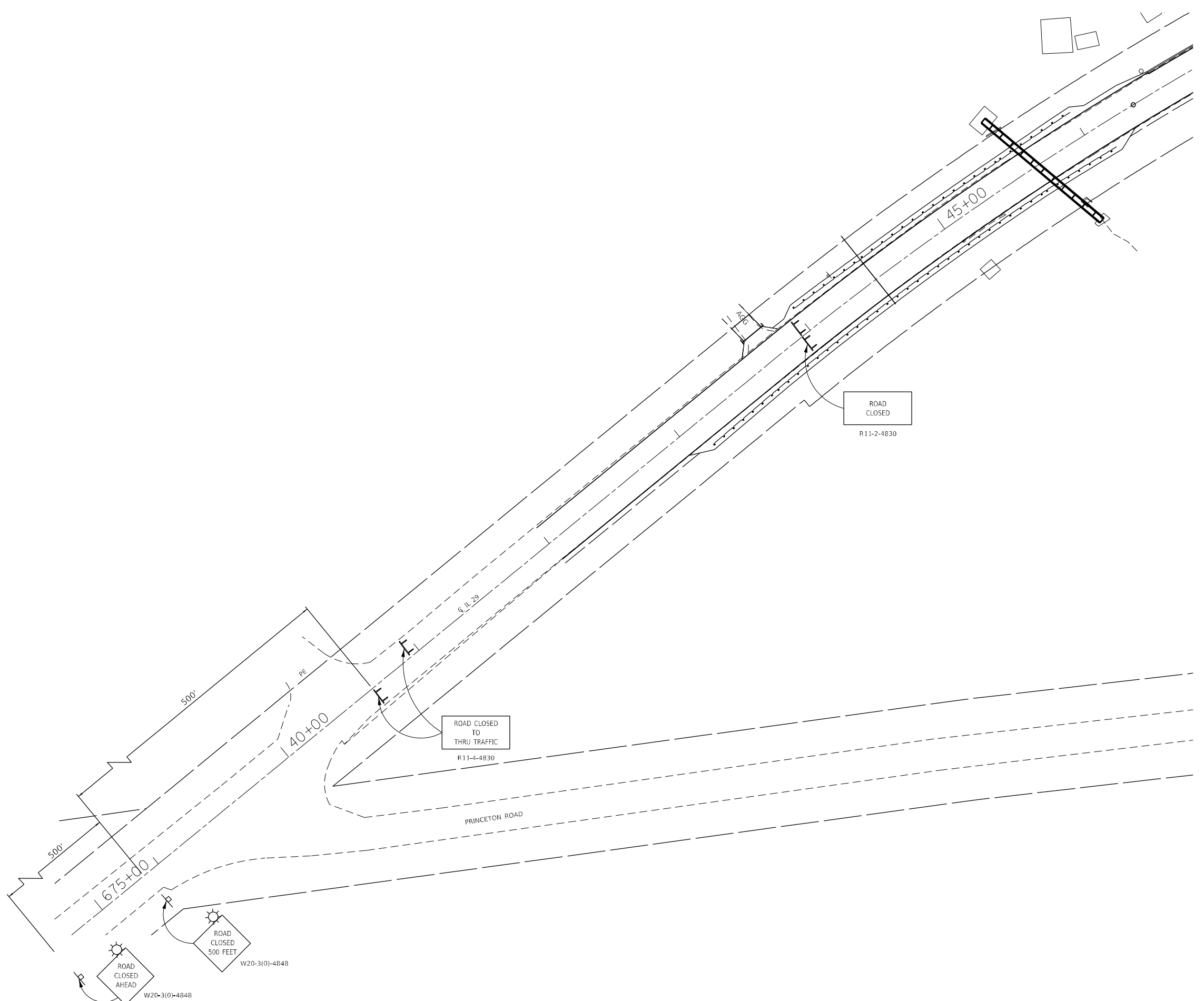
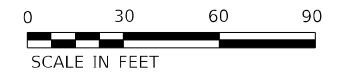
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETOUR DETAIL

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1252	(R-4)CR	BUREAU	100	20
CONTRACT NO. 66F91				
ILLINOIS		FED. AID PROJECT		

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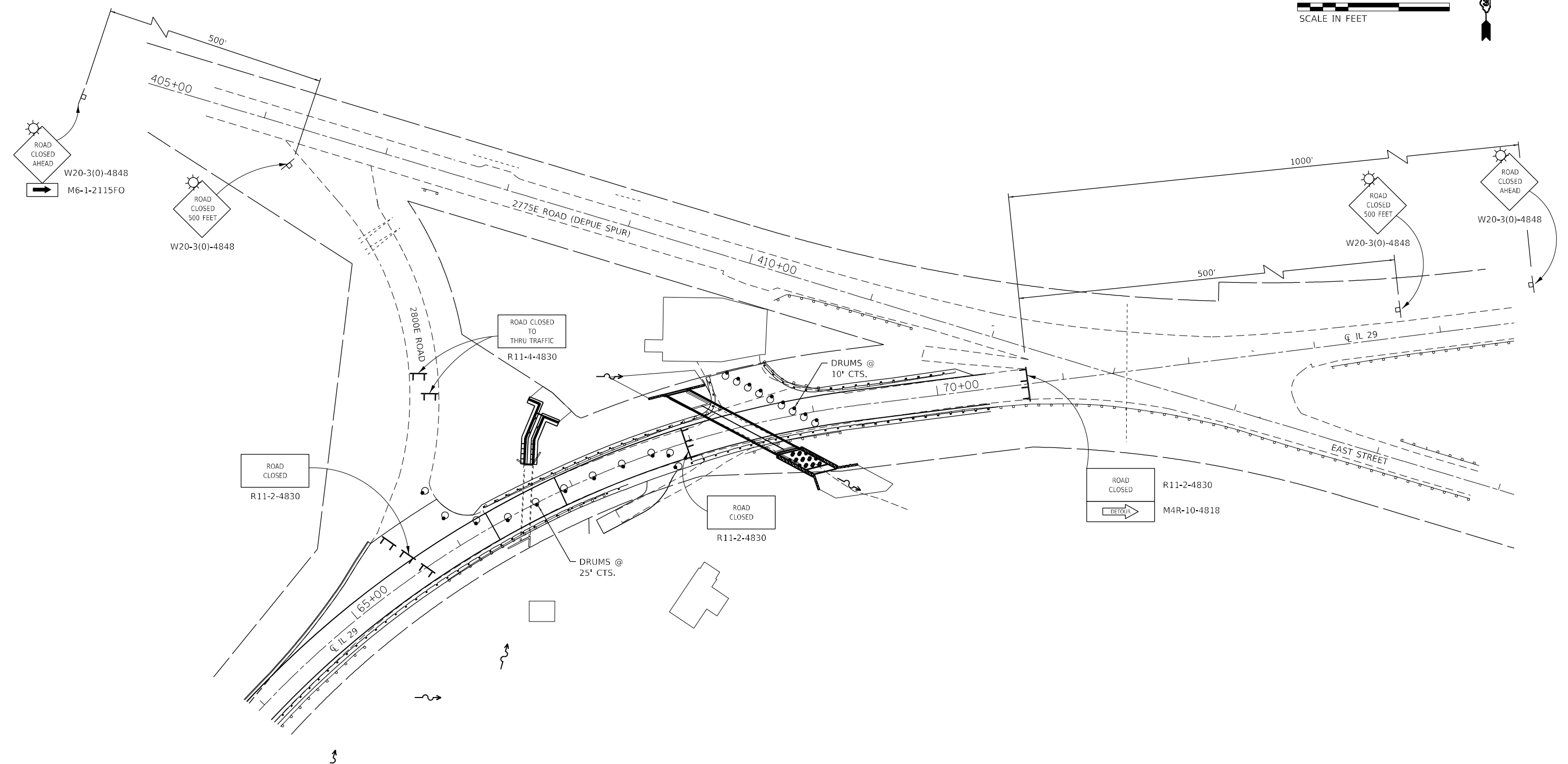
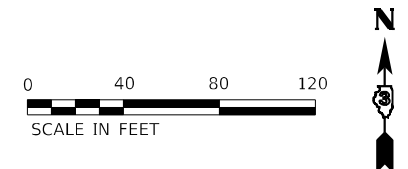
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DRAWN -	NV	REVISED -	
CHECKED -		REVISED -	
DATE -		REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1252	(R-4)CR	BUREAU	100	21
CONTRACT NO. 66F91				
ILLINOIS FED. AID PROJECT				



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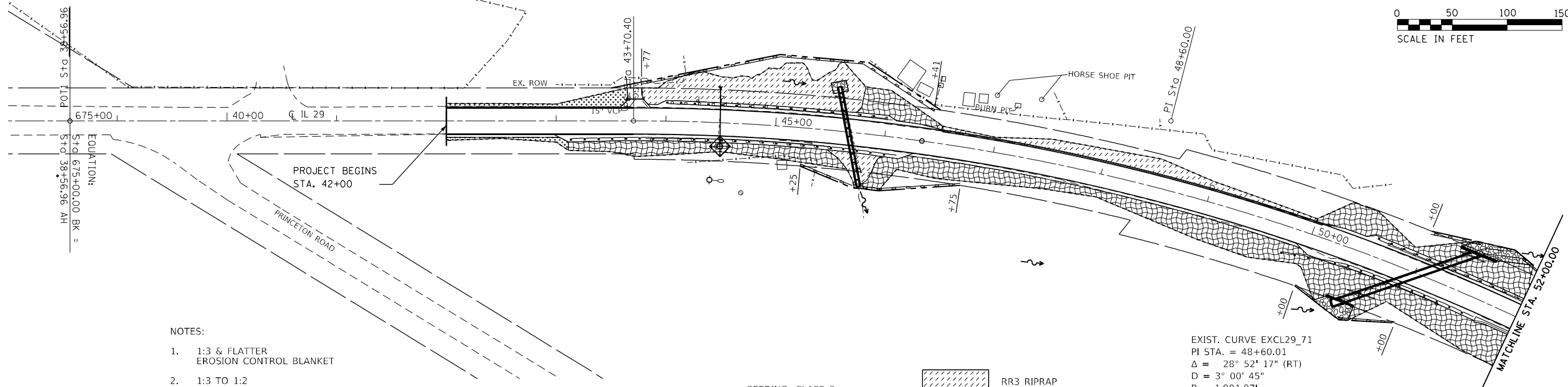
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	DRAWN - NV	REVISED -
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PLOT DATE =	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CLOSURE DETAIL

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1252	(R-4)CR	BUREAU	100	22
CONTRACT NO. 66F91				
ILLINOIS FED. AID PROJECT				



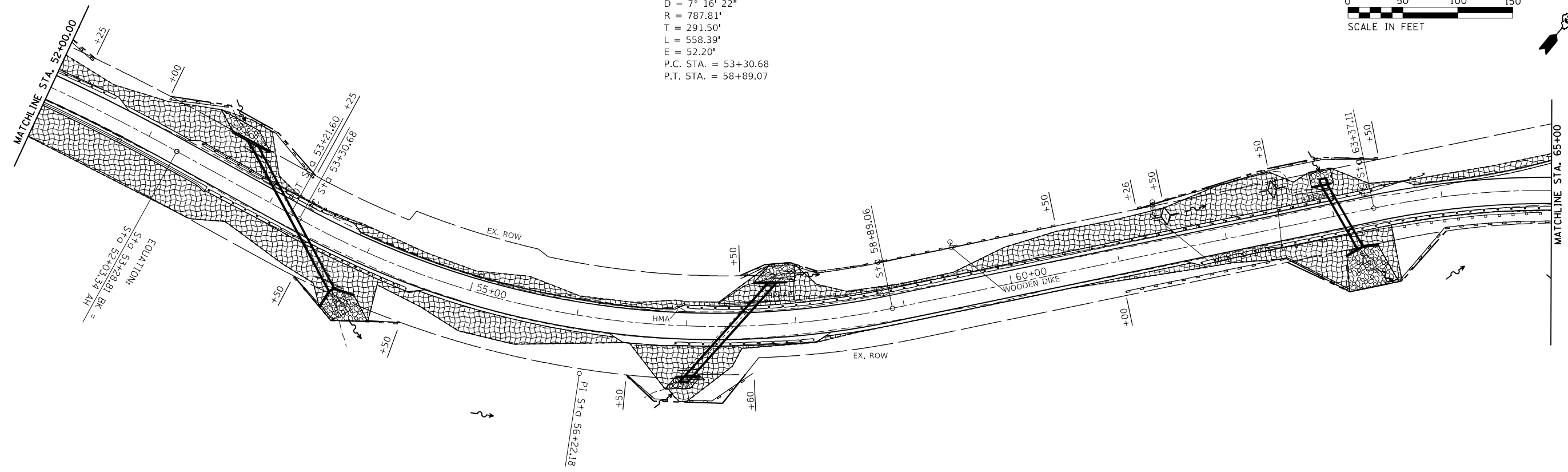
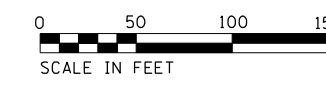
NOTES:

1. 1:3 & FLATTER EROSION CONTROL BLANKET
2. 1:3 TO 1:2 HEAVY DUTY EROSION CONTROL BLANKET
3. STEEPER THAN 1:2 FRONT SLOPE / BACK SLOPE RR3 END OF CULVERTS 1:4
4. SEE CULVERT PLANS FOR LAYOUT OF RIP RAP AT ENDS OF CULVERTS

	SEEDING, CLASS 3 FERTILIZER NUTRIENTS AND EROSION CONTROL BLANKET		RR3 RIPRAP
	PERIMETER EROSION BARRIER		RR4 RIPRAP
	INLET AND PIPE PROTECTION		SEEDING, CLASS 3 FERTILIZER NUTRIENTS AND HEAVY DUTY EROSION CONTROL BLANKET
	TEMPORARY DITCH CHECKS		

EXIST. CURVE EXCL29_71
 PI STA. = 48+60.01
 $\Delta = 28^\circ 52' 17''$ (RT)
 $D = 3^\circ 00' 45''$
 $R = 1,901.97'$
 $T = 489.61'$
 $L = 958.40'$
 $E = 62.01'$
 P.C. STA. = 43+70.41
 P.T. STA. = 53+28.81

EXIST. CURVE EXCL29_12
 PI STA. = 56+22.18
 $\Delta = 40^\circ 36' 37''$ (LT)
 $D = 7^\circ 16' 22''$
 $R = 787.81'$
 $T = 291.50'$
 $L = 558.39'$
 $E = 52.20'$
 P.C. STA. = 53+30.68
 P.T. STA. = 58+89.07



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 SHEET: D:\p\h\...

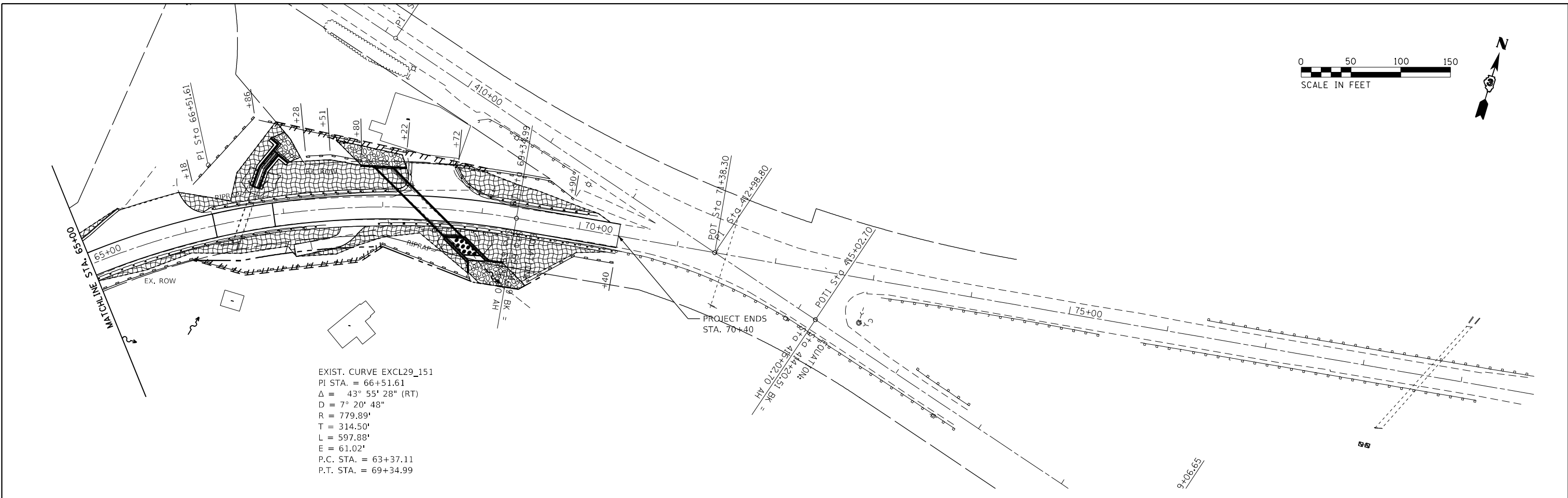
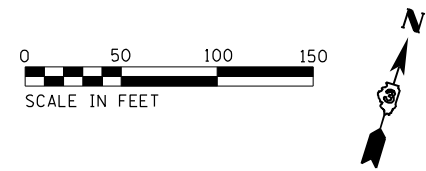


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	DRAWN - NV	REVISED -
PLOT SCALE =	CHECKED -	REVISED -
PLOT DATE =	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

IL 29 EROSION CONTROL PLAN	
SCALE:	SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1252	(R-4)CR	BUREAU	100	23
CONTRACT NO. 66F91				
ILLINOIS FED. AID PROJECT				



EXIST. CURVE EXCL29_151
 PI STA. = 66+51.61
 $\Delta = 43^\circ 55' 28''$ (RT)
 $D = 7^\circ 20' 48''$
 $R = 779.89'$
 $T = 314.50'$
 $L = 597.88'$
 $E = 61.02'$
 P.C. STA. = 63+37.11
 P.T. STA. = 69+34.99

NOTES:

1. 1:3 & FLATTER
EROSION CONTROL BLANKET
2. 1:3 TO 1:2
HEAVY DUTY EROSION CONTROL BLANKET
3. STEEPER THAN 1:2
FRONT STOPE / BACK SLOPE
RR3
END OF CULVERTS 1:4
4. SEE CULVERT PLANS FOR
LAYOUT OF RIP RAP AT
ENDS OF CULVERTS

	SEEDING, CLASS 3 FERTILIZER NUTRIENTS AND EROSION CONTROL BLANKET		RR3 RIPRAP
	RR4 RIPRAP		SEEDING, CLASS 3 FERTILIZER NUTRIENTS AND HEAVY DUTY EROSION CONTROL BLANKET
	PERIMETER EROSION BARRIER		INLET AND PIPE PROTECTION
	TEMPORARY DITCH CHECKS		

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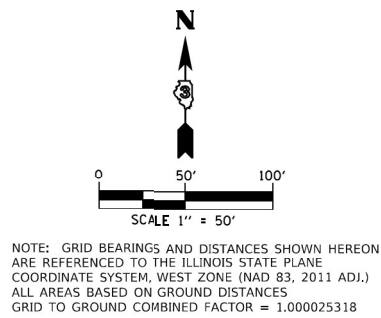
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PLOT SCALE =	DRAWN - NV	REVISED -
PLOT DATE =	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 29 EROSION CONTROL PLAN			
SCALE:	SHEET 2	OF 2	SHEETS
	STA.		TO STA.

F.A.S. RTE. 1252	SECTION (R-4)CR	COUNTY BUREAU	TOTAL SHEETS 100	SHEET NO. 24
CONTRACT NO. 66F91				
ILLINOIS FED. AID PROJECT				

NE. 1/4 OF SEC. 34, T. 16 N., R. 10 E. OF THE 4TH P.M.



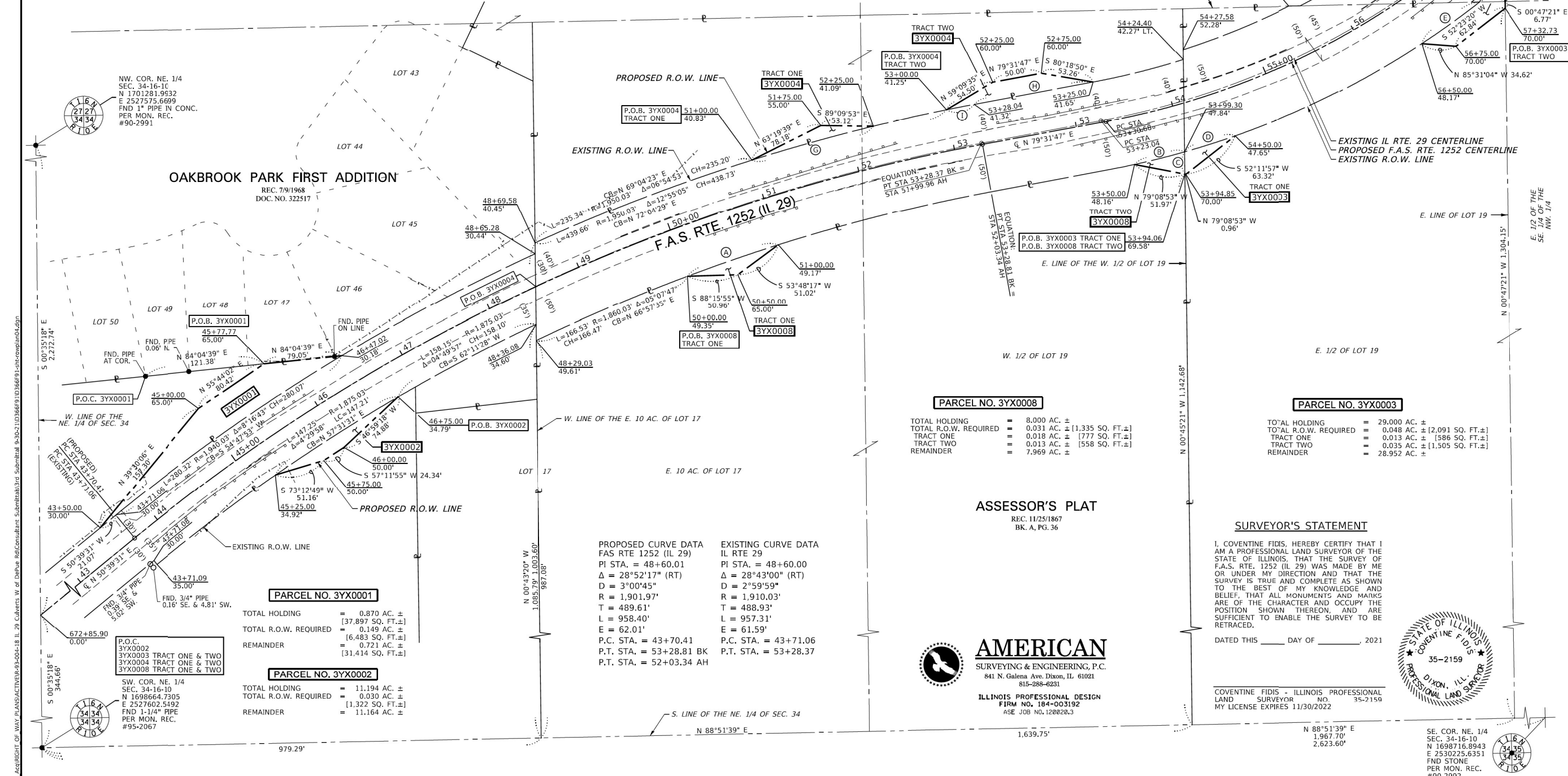
PARCEL NO. 3YX0004

TOTAL HOLDING = 2,500 AC. ± [108,900 SQ. FT. ±]
 TOTAL R.O.W. REQUIRED = 0.063 AC. ± [2,734 SQ. FT. ±]
 TRACT ONE = 0.020 AC. ± [871 SQ. FT. ±]
 TRACT TWO = 0.043 AC. ± [1,863 SQ. FT. ±]
 REMAINDER = 2,437 AC. ± [106,166 SQ. FT. ±]

- (A) L=97.41'
R=1,860.03'
Δ=03°00'02"
CH=97.40'
CB=N 71°01'30" E
- (B) L=52.30'
R=868.98'
Δ=03°26'55"
CH=52.30'
CB=N 75°58'56" E
- (C) S 00°45'21" E 22.45'
- (D) L=53.77'
R=868.98'
Δ=03°32'44"
CH=53.76'
CB=N 72°29'07" E
- (E) L=71.88'
R=868.98'
Δ=04°44'23"
CH=71.86'
CB=N 54°21'24" E
- (F) N 88°47'42" E 25.81'
- (G) L=127.69'
R=1,950.03'
Δ=03°45'07"
CH=127.67'
CB=S 74°24'23" W
- (H) S 79°22'31" W 122.45'
- (I) L=28.65'
R=1,950.03'
Δ=02°56'18"
CH=28.65'
CB=S 78°57'16" W

PROPOSED CURVE DATA
 FAS RTE 1252 (IL 29)
 PI STA. = 56+22.18
 Δ = 40°36'37" (LT)
 D = 7°16'22"
 R = 787.81'
 T = 291.50'
 L = 558.39'
 E = 52.20'
 P.C. STA. = 53+30.68
 P.T. STA. = 58+89.06

EXISTING CURVE DATA
 IL RTE 29
 PI STA. = 56+24.00
 Δ = 40°21'16" (LT)
 D = 6°59'46"
 R = 818.98'
 T = 300.96'
 L = 576.82'
 E = 53.55'
 P.C. STA. = 53+23.04
 P.T. STA. = 58+99.86



ASSESSOR'S PLAT
 REC. 11/25/1867
 BK. A, PG. 36

SURVEYOR'S STATEMENT

I, COVENTINE FIDIS, HEREBY CERTIFY THAT I AM A PROFESSIONAL LAND SURVEYOR OF THE STATE OF ILLINOIS, THAT THE SURVEY OF F.A.S. RTE. 1252 (IL 29) WAS MADE BY ME OR UNDER MY DIRECTION AND THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT ALL MONUMENTS AND MARKS ARE OF THE CHARACTER AND OCCUPY THE POSITION SHOWN THEREON, AND ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.

DATED THIS ____ DAY OF _____, 2021



AMERICAN
 SURVEYING & ENGINEERING, P.C.
 841 N. Galena Ave. Dixon, IL 61021
 815-288-6231
 ILLINOIS PROFESSIONAL DESIGN
 FIRM NO. 184-003192
 ASE JOB NO. 120802.3

USER NAME = stoddardkw	DESIGNED - GB	REVISED -
DRAWN - CH	REVISED -	
CHECKED - PS	REVISED -	
DATE - 7/19/2021	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAT OF HIGHWAYS

F.A.S. RTE. 1252	SECTION (R-4)ICR	COUNTY BUREAU	TOTAL SHEETS 100	SHEET NO. 26
PROJECT SHEET 4 OF 5 SHEETS	JOB NO. R-93-004-18	CONTRACT NO. D366F91		

SCALE: 1"=50'

F.A.S. RTE. 1252	SECTION (R-4)ICR	COUNTY BUREAU	TOTAL SHEETS 100	SHEET NO. 26
CONTRACT NO. 66F91				

SCALE: SHEET 1 OF 3 SHEETS STA. TO STA. ILLINOIS FED. AID PROJECT

USER NAME = CHAMLIN	DESIGNED - DJD	REVISED -
DRAWN - NV	REVISED -	
CHECKED -	REVISED -	
DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIGHT-OF-WAY PLANS - FOR INFORMATION ONLY

F.A.S. RTE. 1252	SECTION (R-4)ICR	COUNTY BUREAU	TOTAL SHEETS 100	SHEET NO. 26
CONTRACT NO. 66F91				

SCALE: SHEET 1 OF 3 SHEETS STA. TO STA. ILLINOIS FED. AID PROJECT

F.A.S. RTE. 1252	SECTION (R-4)ICR	COUNTY BUREAU	TOTAL SHEETS 100	SHEET NO. 26
CONTRACT NO. 66F91				

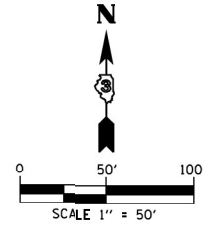
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NE. 1/4 OF SEC. 34, T. 16 N., R. 10 E. OF THE 4TH P.M.

NW. 1/4 OF SEC. 35, T. 16 N., R. 10 E. OF THE 4TH P.M.



NOTE: GRID BEARINGS AND DISTANCES SHOWN HEREON ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, WEST ZONE (NAD 83, 2011 ADJ.) ALL AREAS BASED ON GROUND DISTANCES GRID TO GROUND COMBINED FACTOR = 1.000025318

- 1 P.O.B. 3YX0010
- A L=10.90'
R=773.98'
Δ=0°48'25"
LC=10.90'
CB=S 44°10'24" W
- B L=43.65'
R=717.88'
Δ=03°29'03"
LC=43.65'
CB=N 40°45'47" E
- C L=43.93'
R=739.89'
Δ=03°24'06"
LC=43.92'
CB=S 63°36'27" W
- D L=168.33'
R=717.88'
Δ=13°26'06"
LC=167.95'
CB=N 64°34'20" E
- E L=70.77'
R=739.89'
Δ=05°28'48"
LC=70.74'
CB=S 68°02'54" W
- F L=70.77'
R=739.89'
Δ=05°28'48"
LC=70.74'
CB=S 68°02'54" W
- G L=173.43'
R=739.89'
Δ=08°52'55"
LC=173.08'
CB=N 74°35'07" W
- H S 66°29'54" W 35.50'
I S 88°51'55" W 53.97'
J S 00°51'21" E 16.53'
K S 66°29'54" W 71.51'
L L=43.53'
R=863.98'
Δ=02°53'13"
LC=43.53'
CB=N 50°59'19" E
- M L=70.70'
R=739.89'
Δ=05°14'01"
LC=70.67'
CB=S 47°11'37" W
- N S 00°51'21" E 30.77'
O N 85°26'56" E 46.09'
P L=173.43'
R=739.89'
Δ=08°52'55"
LC=173.08'
CB=N 74°35'07" W
- Q L=24.23'
R=717.88'
Δ=01°58'03"
LC=24.23'
CB=N 72°15'25" E
- R N 87°56'52" E 111.91'
S R=697.88'
Δ=00°41'54"
LC=8.50'
CB=N 82°29'43" E
- T N 82°50'40" E 48.44'
U R=739.89'
Δ=02°08'18"
LC=27.61'
CB=S 71°51'27" W
- V L=114.70'
R=739.89'
Δ=08°52'55"
LC=114.58'
CB=N 66°20'51" E
- W L=114.70'
R=739.89'
Δ=08°52'55"
LC=114.58'
CB=N 66°20'51" E
- X S 81°57'04" W 8.28'
Y N 45°37'42" W 10.79'
Z N 57°13'42" W 22.44'
- a L=94.80'
R=717.88'
Δ=07°33'52"
LC=94.73'
CB=N 69°26'27" E

PROPOSED CURVE DATA
FAS RTE 1252 (IL 29)
PI STA. = 56+22.18
Δ = 40°21'16" (LT)
D = 7°16'22"
R = 787.81'
T = 291.50'
L = 558.39'
E = 52.20'
P.C. STA. = 53+30.68
P.T. STA. = 58+89.07

EXISTING CURVE DATA
IL RTE 29
PI STA. = 56+24.00
Δ = 40°21'16" (LT)
D = 6°59'46"
R = 818.98'
T = 300.96'
L = 576.82'
E = 53.55'
P.C. STA. = 53+23.04
P.T. STA. = 58+99.86

PARCEL NO. 3YX0005

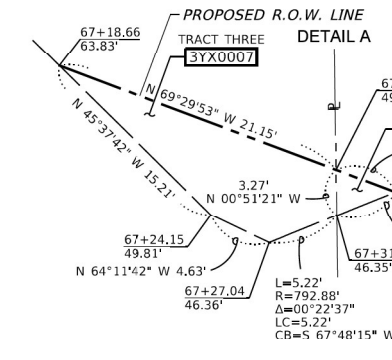
TOTAL HOLDING = 41.370 AC. ±
TOTAL R.O.W. REQUIRED = 0.021 AC. ± [1908 SQ. FT.±]
TRACT ONE = 0.010 AC. ± [1448 SQ. FT.±]
TRACT TWO = 0.011 AC. ± [1460 SQ. FT.±]
REMAINDER = 41.349 AC. ±

L=64.15'
R=773.98'
Δ=04°44'56"
LC=64.13'
CB=N 41°23'43" E

PARCEL NO. 3YX0009

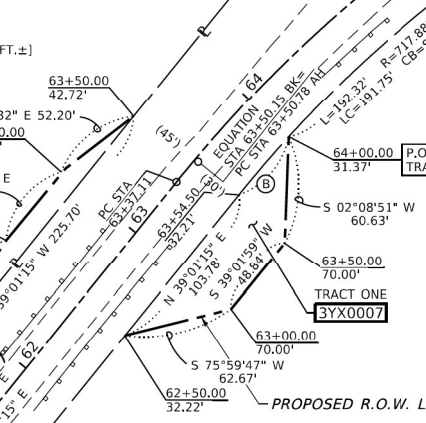
TOTAL HOLDING = 0.312 AC. ± [13,570 SQ. FT.±]
TOTAL R.O.W. REQUIRED = 0.000 AC. ± [7 SQ. FT.±]
REMAINDER = 0.312 AC. ± [13,563 SQ. FT.±]

TEMPORARY EASEMENT #1 = 0.053 AC. ± [2,325 SQ. FT.±]
PURPOSE: GRADING AND SHAPING
NOTE: THE BUILDING AND DECK ARE NOT TO BE DISTURBED



PARCEL NO. 3YX0006

TOTAL HOLDING = 6.810 AC. ±
TOTAL R.O.W. REQUIRED = 0.039 AC. ± [1,689 SQ. FT.±]
REMAINDER = 6.771 AC. ±



PARCEL NO. 3YX0007

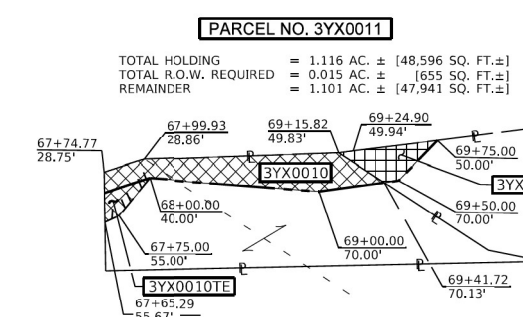
TOTAL HOLDING = 8.783 AC. ±
TOTAL R.O.W. REQUIRED = 0.124 AC. ± [5,414 SQ. FT.±]
TRACT ONE = 0.085 AC. ± [3,712 SQ. FT.±]
TRACT TWO = 0.037 AC. ± [1,614 SQ. FT.±]
TRACT THREE = 0.002 AC. ± [88 SQ. FT.±]
REMAINDER = 8.659 AC. ±

TEMPORARY EASEMENT #1 = 0.051 AC. ± [2,203 SQ. FT.±]
TEMPORARY EASEMENT #2 = 0.018 AC. ± [780 SQ. FT.±]
PURPOSE: GRADING AND SHAPING

PARCEL NO. 3YX0010

TOTAL HOLDING = 0.269 AC. ± [11,718 SQ. FT.±]
TOTAL R.O.W. REQUIRED = 0.055 AC. ± [2,400 SQ. FT.±]
REMAINDER = 0.214 AC. ± [9,318 SQ. FT.±]

TEMPORARY EASEMENT #1 = 0.006 AC. ± [277 SQ. FT.±]
PURPOSE: GRADING AND SHAPING



PARCEL NO. 3YX0011

TOTAL HOLDING = 1.116 AC. ± [48,596 SQ. FT.±]
TOTAL R.O.W. REQUIRED = 0.015 AC. ± [655 SQ. FT.±]
REMAINDER = 1.101 AC. ± [47,941 SQ. FT.±]

PROPOSED CURVE DATA
FAS RTE 1252 (IL 29)
PI STA. = 66+51.61
Δ = 43°55'28" (RT)
D = 7°20'43"
R = 779.89'
T = 314.50'
L = 597.88'
E = 61.02'
P.C. STA. = 63+37.11
P.T. STA. = 69+34.99 BK
P.T. STA. = 69+36.00 AH

EXISTING CURVE DATA
IL RTE 29
PI STA. = 66+51.60
Δ = 43°49'24" (RT)
D = 7°39'40"
R = 747.88'
T = 300.82'
L = 572.03'
E = 58.23'
P.C. STA. = 63+50.78
P.T. STA. = 69+22.81

SURVEYOR'S STATEMENT

I, COVENTINE FIDIS, HEREBY CERTIFY THAT I AM A PROFESSIONAL LAND SURVEYOR OF THE STATE OF ILLINOIS, THAT THE SURVEY OF F.A.S. RTE. 1252 (IL 29) WAS MADE BY ME OR UNDER MY DIRECTION AND THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT ALL MONUMENTS AND MARKS ARE OF THE CHARACTER AND OCCUPY THE POSITION SHOWN THEREON, AND ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.

DATED THIS ____ DAY OF _____, 2021



AMERICAN SURVEYING & ENGINEERING, P.C.
841 N. Galema Ave. Dixon, IL 61021
815-288-6831

MODEL: Default
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SUBMITTED: 03/22/2021 10:36:59 AM
DATE PLOTTED: 03/22/2021 10:36:59 AM
PLOTTER: HP DesignJet T1300

USER NAME = stoddardkw	DESIGNED - GB	REVISED -
DRAWN - CH	REVISOR -	
CHECKED - PS	REVISOR -	
DATE = 7/19/2021	DATE =	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAT OF HIGHWAYS		F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PROJECT	JOB NO. R-93-004-18	1252	(R-4)CR	BUREAU	100	27
SCALE: 1"=50'	SHEET 5 OF 5 SHEETS	STA. 57+00	TO STA. 70+00	CONTRACT NO. D366F91		

USER NAME = CHAMLIN	DESIGNED - DJD	REVISED -
DRAWN - NV	REVISOR -	
CHECKED -	REVISOR -	
DATE =	DATE =	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIGHT-OF-WAY PLANS - FOR INFORMATION ONLY		F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE: 1"=50'	SHEET 1 OF 3 SHEETS	1252	(R-4)CR	BUREAU	100	27
STA. TO STA.		ILLINOIS FED. AID PROJECT				



GENERAL NOTES

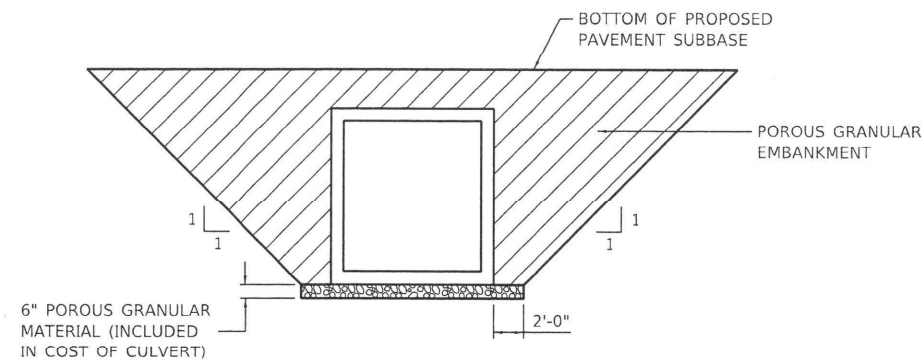
The design fill height for this box is 10 ft. 4½ in. The precast box culvert sections shall conform to the requirements of ASTM C 1577.

Drain holes shall be provided on exterior culvert walls for each precast box segment with a clear rise greater than 3 ft. The drain hole shall be located within 1/3 of the clear rise of the box culvert, shall not intercept the haunch, and shall conform to the requirements of Article 503.11 of the Standard Specification.

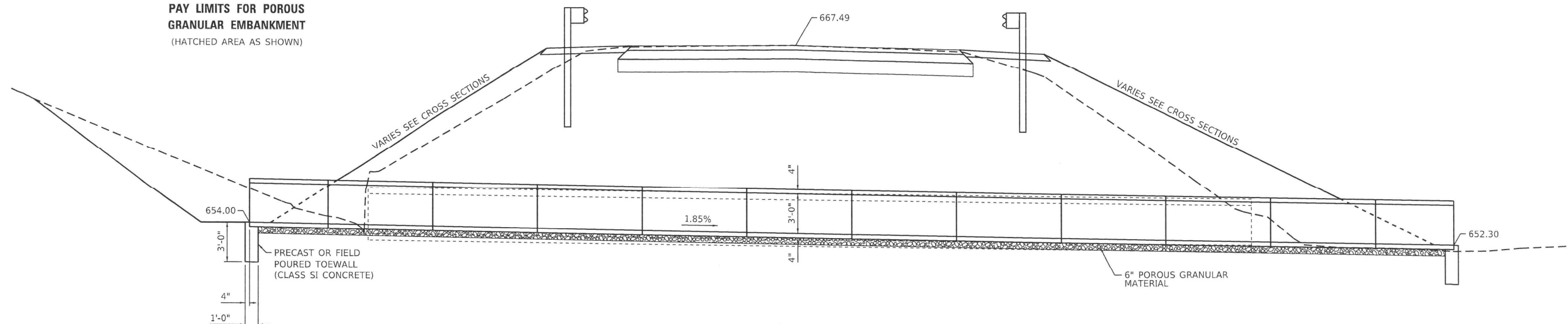
The 6 in. thick layer of porous granular material required for the precast concrete box culvert per Art. 540.06 of the Standard Specifications shall also apply to the end sections. Cost of the porous granular material will not be paid for separately but shall be included in the unit price of the work for which it is required.

Nonwoven geotextile fabric shall conform to the requirements of Art. 1080.01 of the Standard Specifications. The minimum weight of the fabric shall be 6 ounces per square yard.

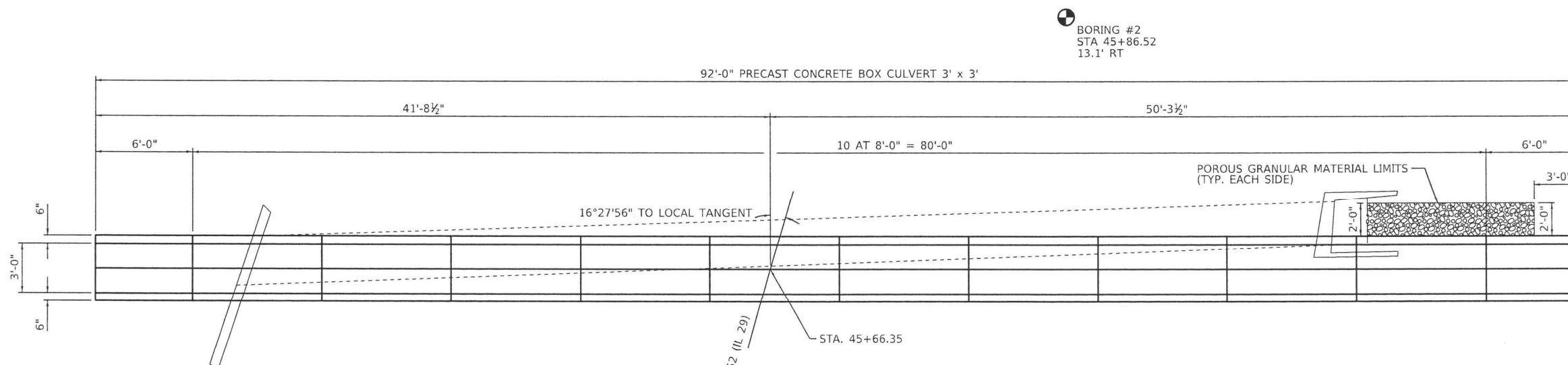
Precast concrete box culverts and box culvert end sections shall be backfilled with Porous Granular Embankment according to detail.



PAY LIMITS FOR POROUS GRANULAR EMBANKMENT
(HATCHED AREA AS SHOWN)



ELEVATION ALONG BOX CENTERLINE



PLAN

BORING #2
STA 45+86.52
13.1' RT

BORING #1
STA 45+38.37
13.2' RT

EXIST. STRUCTURE: BUILT AS PROJECT 7, SECTION R-4 IN 1924.
STRUCTURE CONSISTS OF A 3'X3' REINFORCED
CONCRETE BOX CULVERT 67' LONG.

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Precast Concrete Box Culverts, 3' x 3'	Foot	92
Stone Riprap, Class A4	Sq. Yd.	16
Filter Fabric	Sq. Yd.	16
Porous Granular Embankment	Cu. Yd.	721
Structure Excavation	Cu. Yd.	721

4/14/22
Date

JAMES K. CLINARD
LICENSED STRUCTURAL ENGINEER
NO. 081-004655
STATE OF ILLINOIS

expires 11-30-2022

signature

PROFESSIONAL DESIGN FIRM
LICENSE NO. 184-001717

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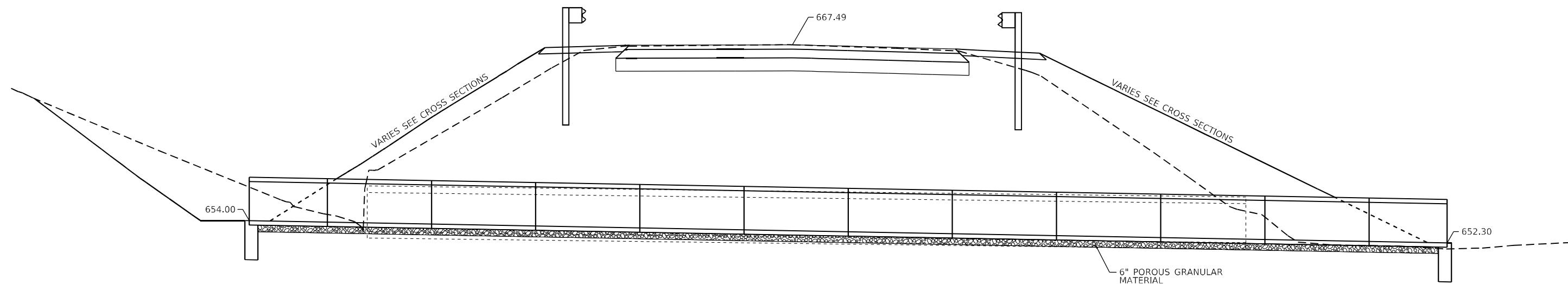
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PLOT SCALE =	DRAWN - LAG	REVISED -
PLOT DATE =	CHECKED - JKC	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

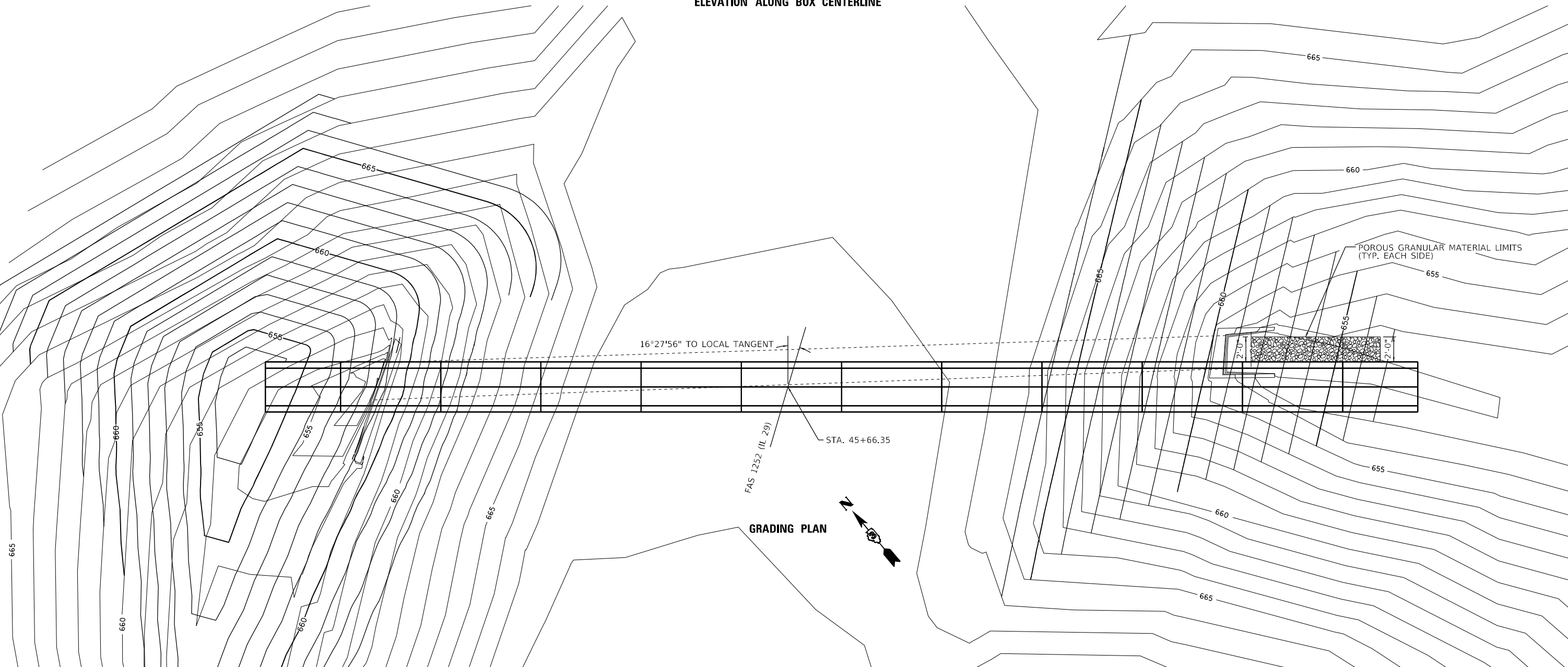
PRECAST CONCRETE BOX CULVERT 3' x 3'
STA. 45 + 66.35

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

F.A.S. RTE. 1252	SECTION (R-4)CR	COUNTY BUREAU	TOTAL SHEETS 100	SHEET NO. 28
CONTRACT NO. 66F91			ILLINOIS FED. AID PROJECT	



ELEVATION ALONG BOX CENTERLINE



GRADING PLAN

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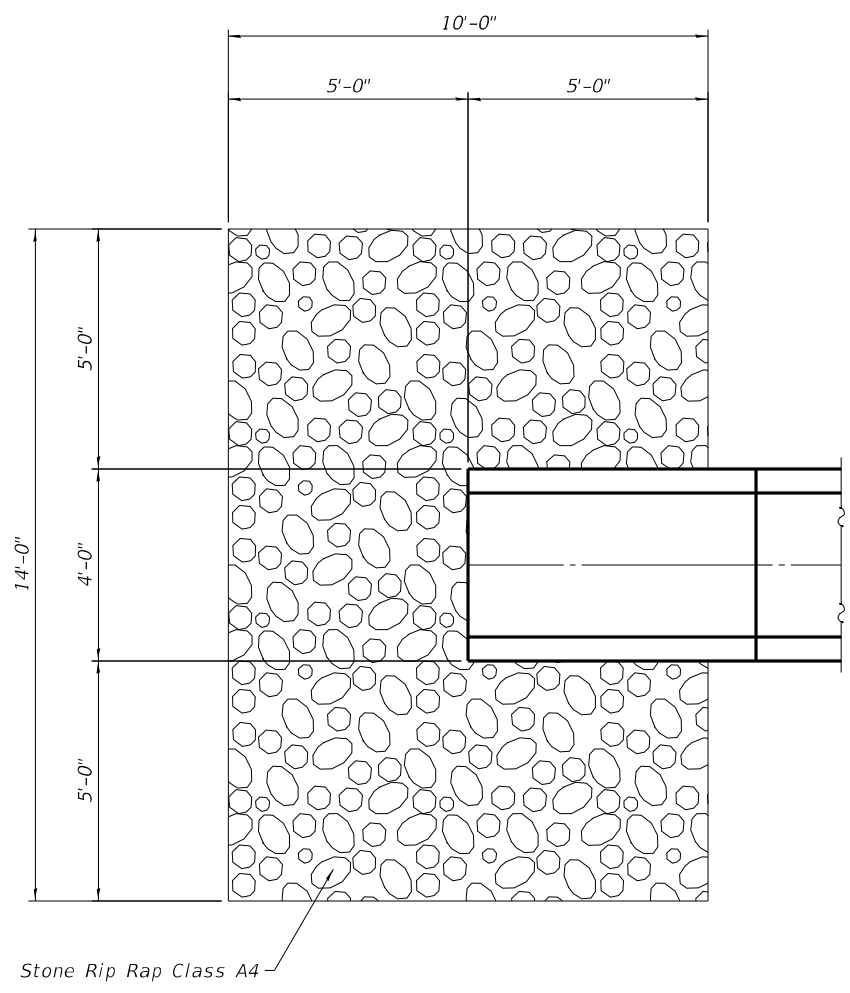
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PLOT SCALE =	DRAWN - LAG	REVISED -
PLOT DATE =	CHECKED - JKC	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

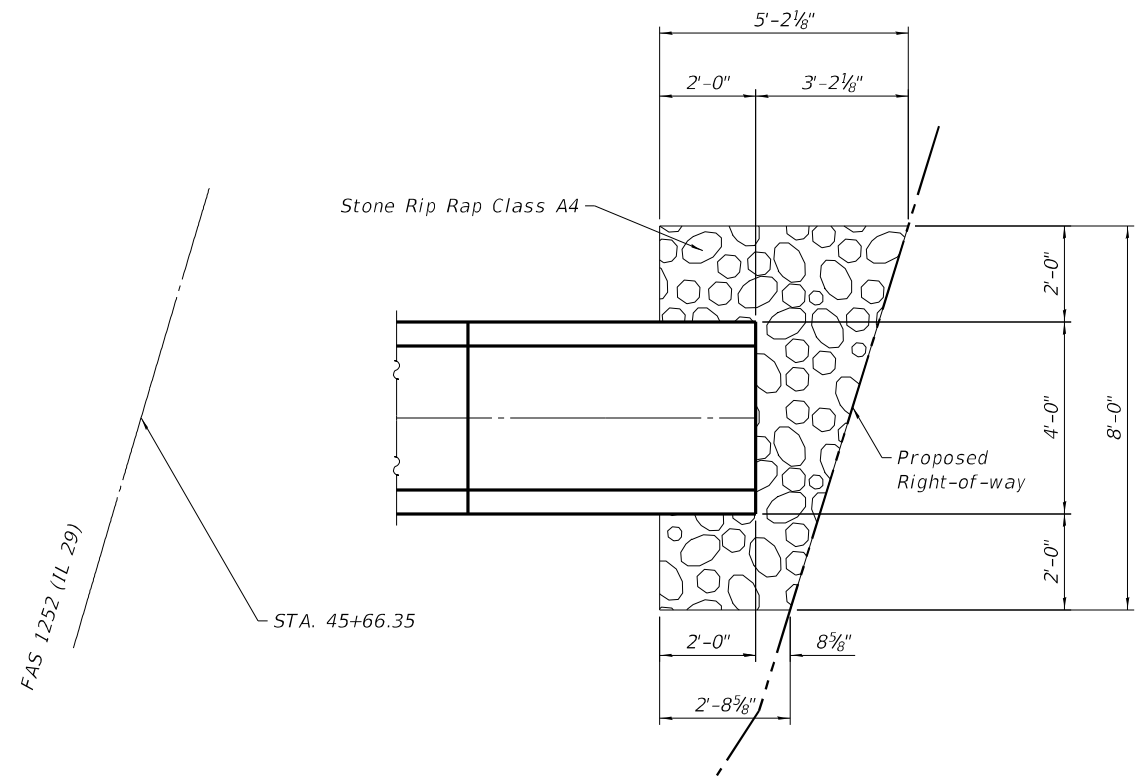
PRECAST CONCRETE BOX CULVERT 3' x 3'
STA. 45 + 66.35

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1252	(R-4)CR		100	28A
CONTRACT NO. 66F91				
ILLINOIS FED. AID PROJECT				

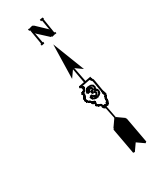


Left



Right

RIPRAP DETAIL



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DATE: 06/15/2021 10:05:06 AM
USER: chamlin



USER NAME = CHAMLIN	DESIGNED - JKC	REVISD -
PLOT SCALE =	DRAWN - LAG	REVISD -
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	DATE -	REVISD -

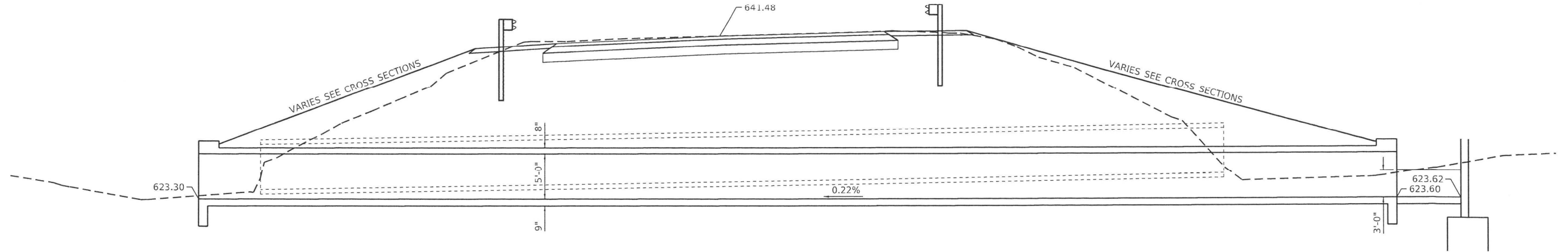
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PRECAST CONCRETE BOX CULVERT 3' x 3'
STA. 45 + 66.35**

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1252	(R-4)CR	BUREAU	100	29
CONTRACT NO. 66F91				
ILLINOIS FED. AID PROJECT				

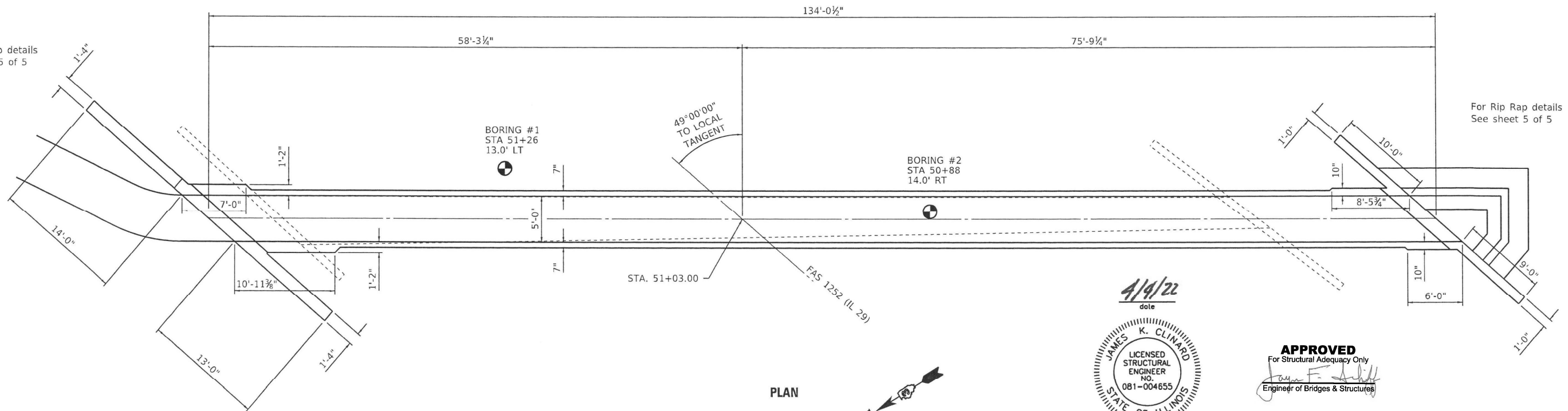
EXIST. STRUCTURE: SN 006-2620 BUILT AS PROJECT 7, SECTION R-4 IN 1924.
 STRUCTURE CONSISTS OF A 5'X4' REINFORCED
 CONCRETE BOX CULVERT 104' LONG.



ELEVATION ALONG BOX CENTERLINE

For Rip Rap details
 See sheet 5 of 5

For Rip Rap details
 See sheet 5 of 5



PLAN

4/4/22
 date
 JAMES K. CLINARD
 LICENSED
 STRUCTURAL
 ENGINEER
 NO.
 081-004655
 STATE OF ILLINOIS
 expires 11-30-2022
 signature
 PROFESSIONAL DESIGN FIRM
 LICENSE NO. 184-001717

APPROVED
 For Structural Adequacy Only
 Engineer of Bridges & Structures

See Sheets 2 - 4 of 5 for
 Details and Sections.

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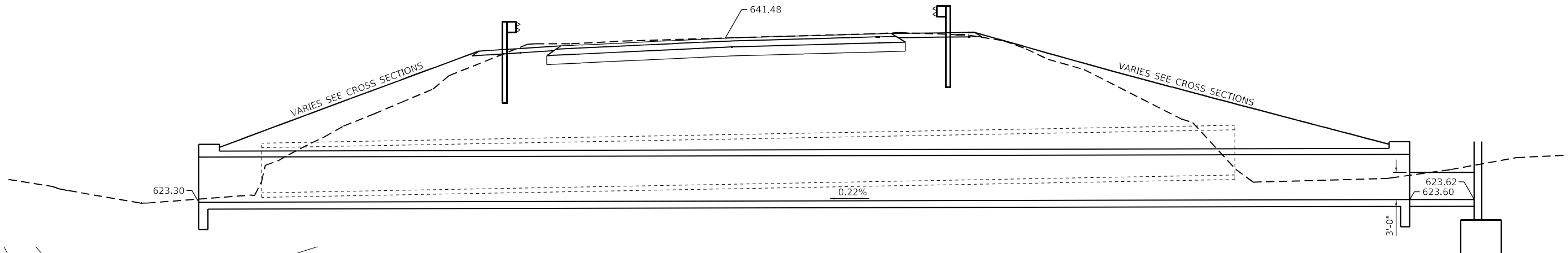


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	DATE -	REVISED -

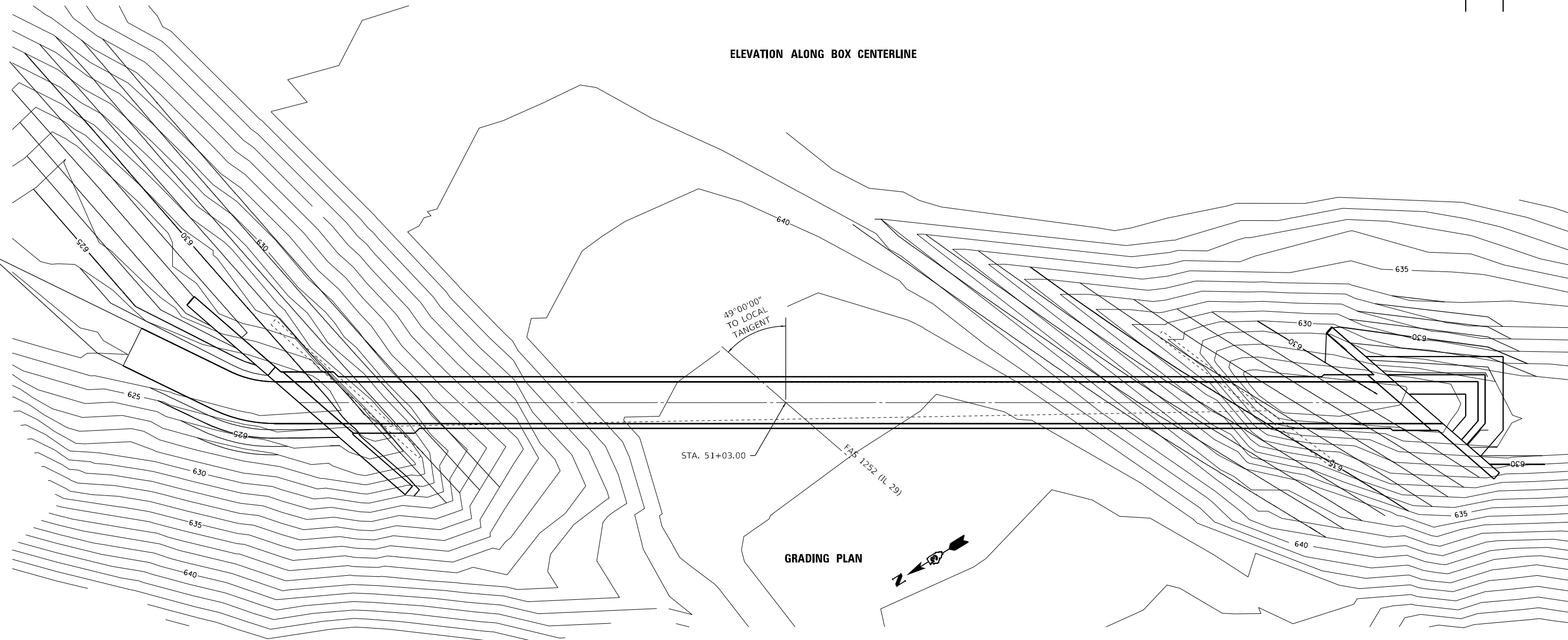
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SN 006-2620	F.A.S. RTE. 1252	SECTION (R-4)CR	COUNTY BUREAU	TOTAL SHEETS 100	SHEET NO. 31
STA. 51 + 03.00	SCALE: SHEET 1 OF 6 SHEETS STA. TO STA.		CONTRACT NO. 66F91		

ILLINOIS	FED. AID PROJECT
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ELEVATION ALONG BOX CENTERLINE



GRADING PLAN

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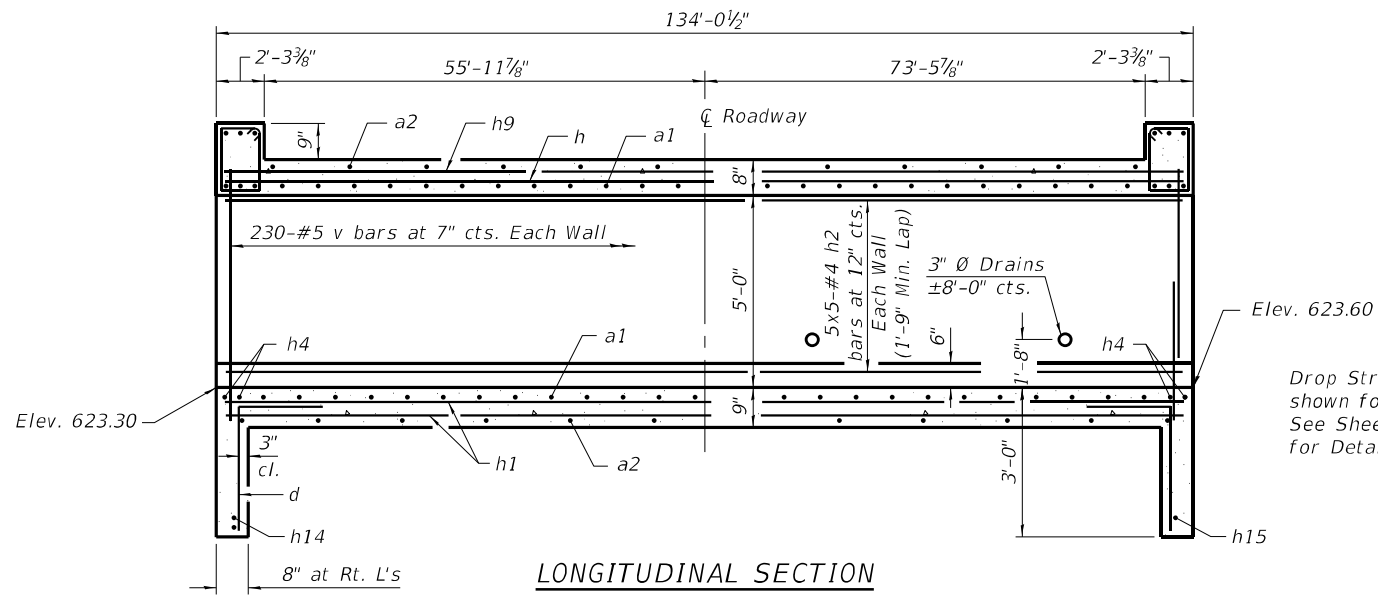


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PLOT DATE =	DATE -	REVISED -

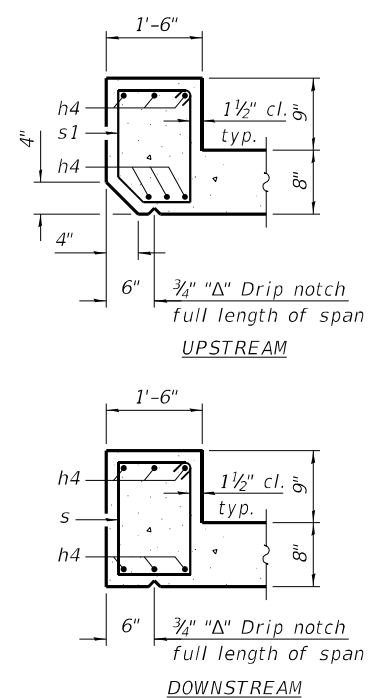
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SN 006-2620	
STA. 51 + 03.00	
SCALE:	SHEET 1 OF 6 SHEETS STA. TO STA.

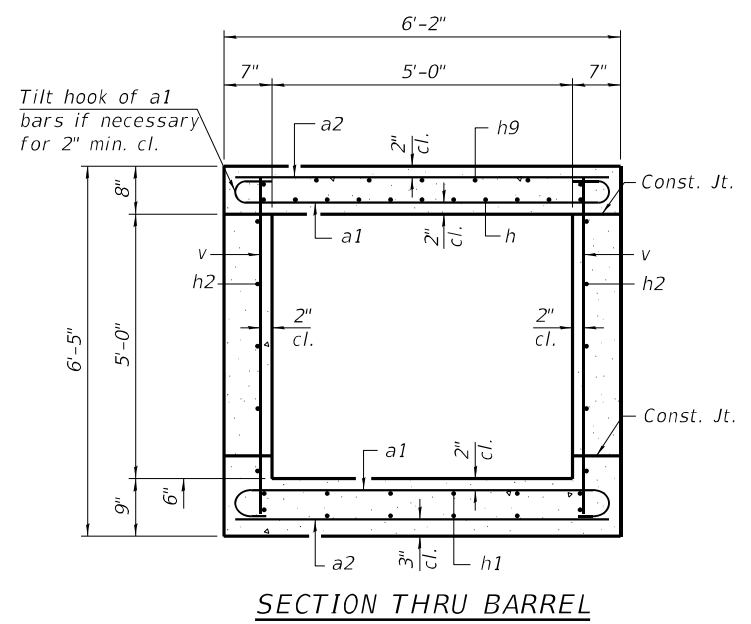
F.A.S. RTE. 1252	SECTION (R-4)CR	COUNTY BUREAU	TOTAL SHEETS 100	SHEET NO. 31A
CONTRACT NO. 66F91				
ILLINOIS FED. AID PROJECT				



LONGITUDINAL SECTION



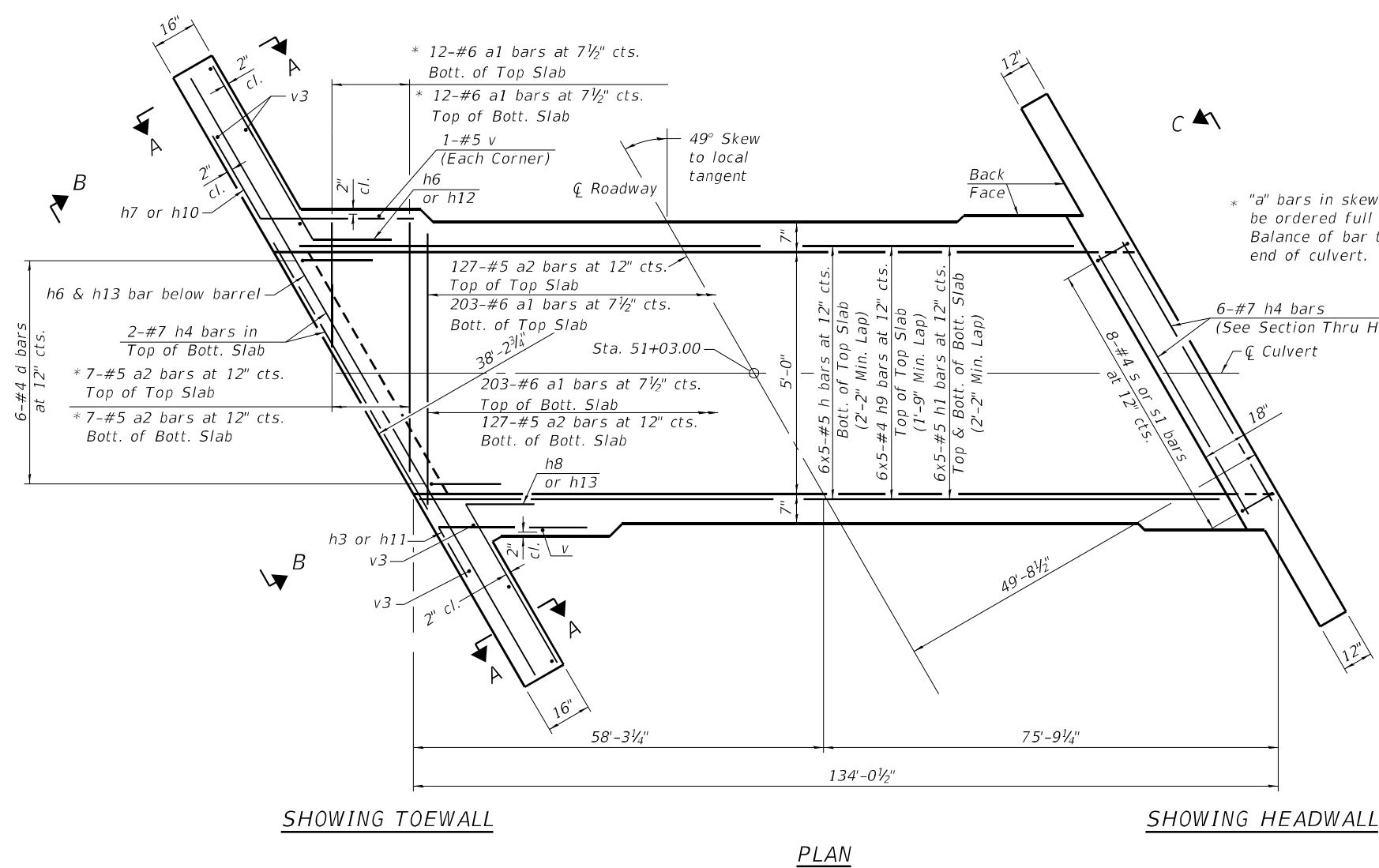
SECTION THRU HEADWALL



SECTION THRU BARREL

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a1	430	#6	7'-3"	U
a2	268	#5	5'-11"	—
d	12	#4	4'-5"	L
h	30	#5	28'-6"	—
h1	60	#5	28'-6"	—
h2	50	#4	28'-3"	—
h3	12	#6	8'-0"	—
h4	16	#7	8'-10"	—
h6	14	#6	18'-2"	—
h7	12	#6	8'-0"	—
h8	14	#6	14'-1"	—
h9	30	#4	28'-3"	—
h10	12	#6	8'-0"	—
h11	12	#6	8'-0"	—
h12	14	#6	12'-5"	—
h13	14	#6	11'-6"	—
h14	5	#6	34'-3"	—
h15	5	#6	26'-3"	—
h16	8	#4	16'-3"	—
h17	8	#4	4'-6"	—
n	17	#5	7'-2"	U
s	8	#4	5'-6"	—
s1	8	#4	5'-4"	—
t	10	#5	11'-3"	—
t1	3	#5	20'-0"	—
v	464	#5	6'-0"	—
v1	15	#5	5'-3"	—
v3	16	#4	9'-0"	—
w	7	#5	23'-1"	—
w1	2	#5	5'-7"	—
w2	2	#5	3'-1"	—
w3	2	#5	4'-1"	—
Concrete Box Culverts	Cu. Yd.	104.2		
Reinforcement Bars	Pound	16,820		
Stone Riprap, Class A4	Sq. Yd.	107		
Filter Fabric	Sq. Yd.	107		
Porous Granular Embankment	Cu. Yd.	1,742		
Structure Excavation	Cu. Yd.	1,812		

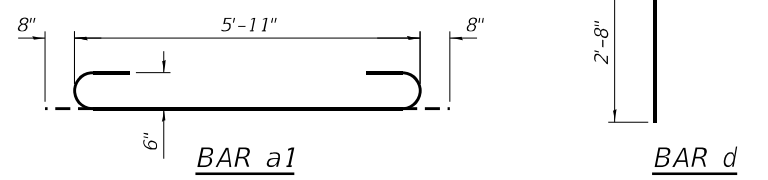


PLAN

SHOWING TOEWALL

SHOWING HEADWALL

Notes:
 A distance of half the length of the wingwall but not less than six feet of the barrel shall be poured monolithically with the wingwalls.
 Bars indicated thus 12 x 4-#5 etc. indicates 12 lines of bars with 4 lengths per line.



BAR a1

BAR d

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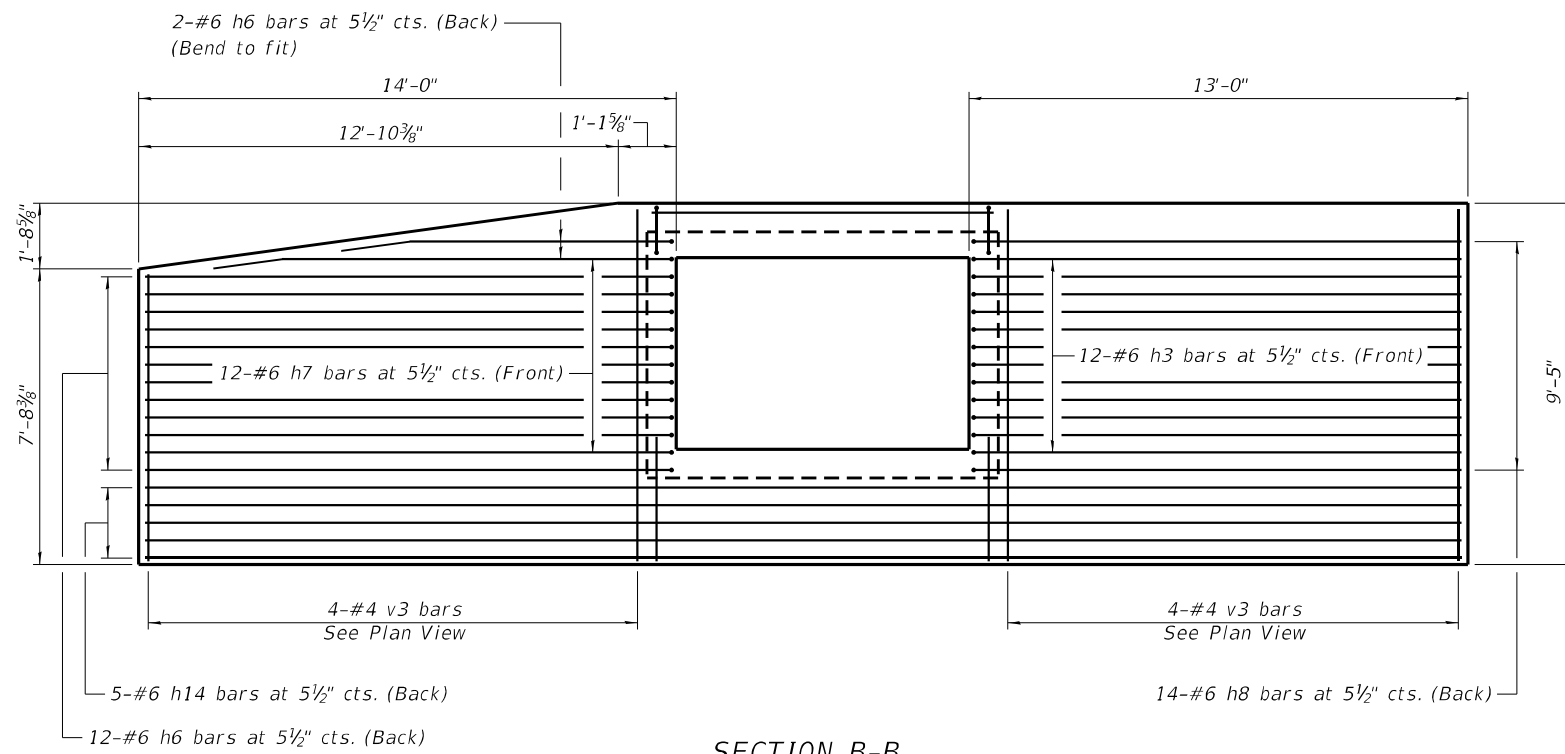
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	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

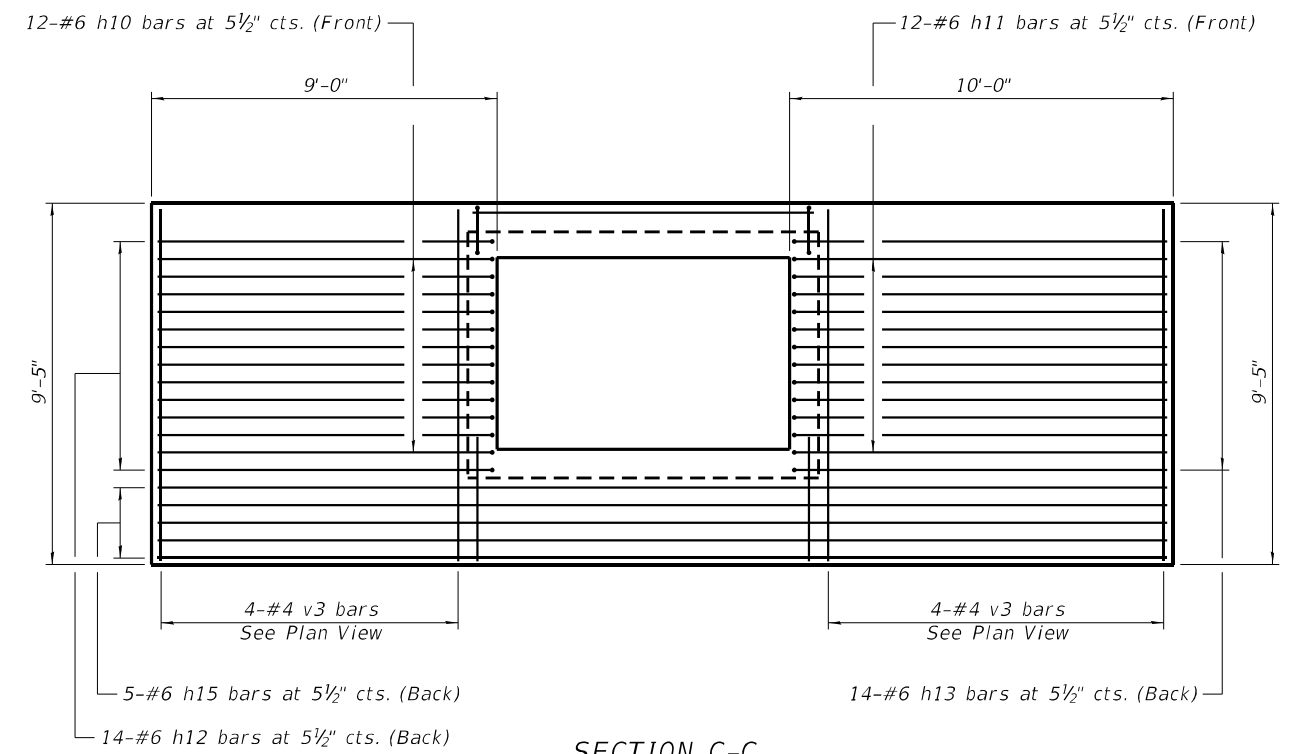
**CULVERT DETAILS
 SN 006-2620 STA. 51+03.00**

SCALE: SHEET 2 OF 6 SHEETS STA. TO STA.

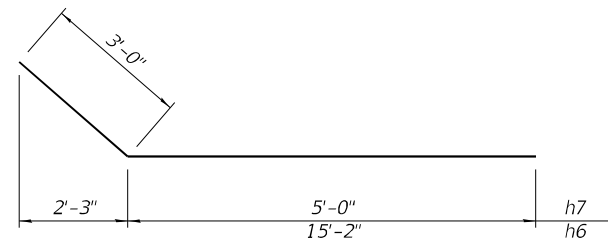
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CONTRACT NO. 66F91			ILLINOIS FED. AID PROJECT	



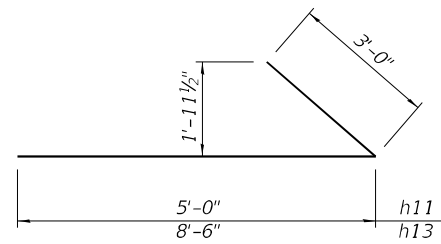
SECTION B-B



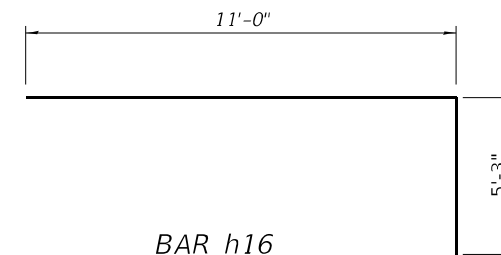
SECTION C-C



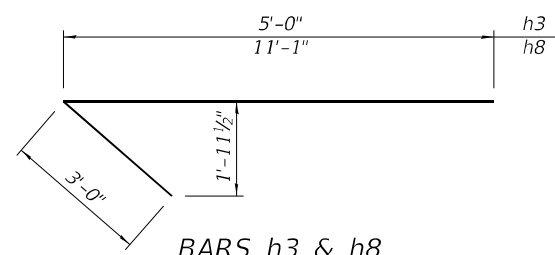
BARS h6 & h7



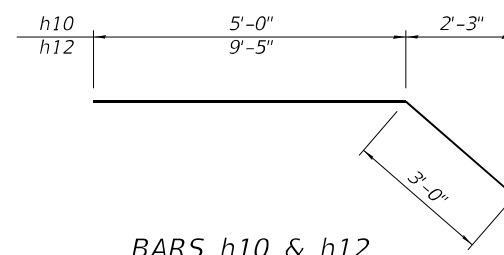
BARS h11 & h13



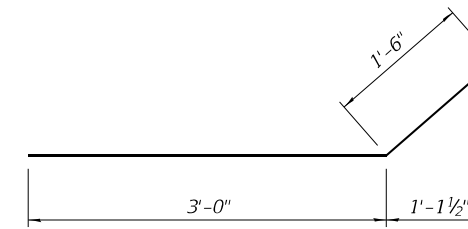
BAR h16



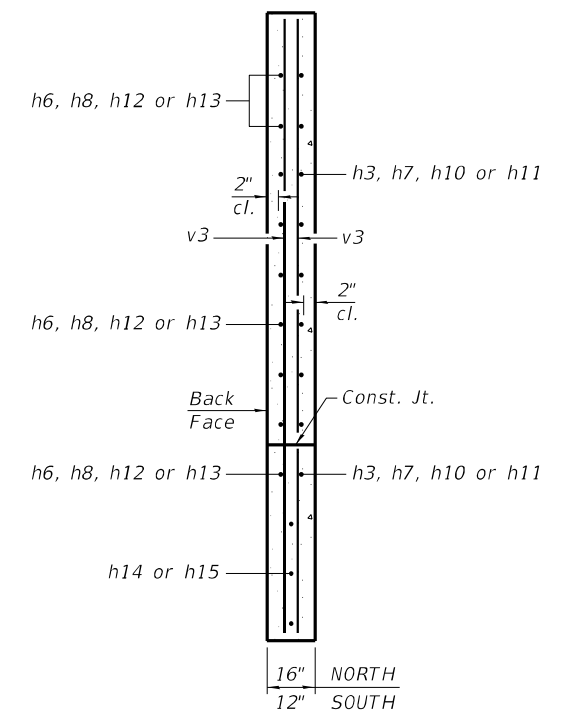
BARS h3 & h8



BARS h10 & h12



BAR h17



SECTION A-A

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REVISIED -
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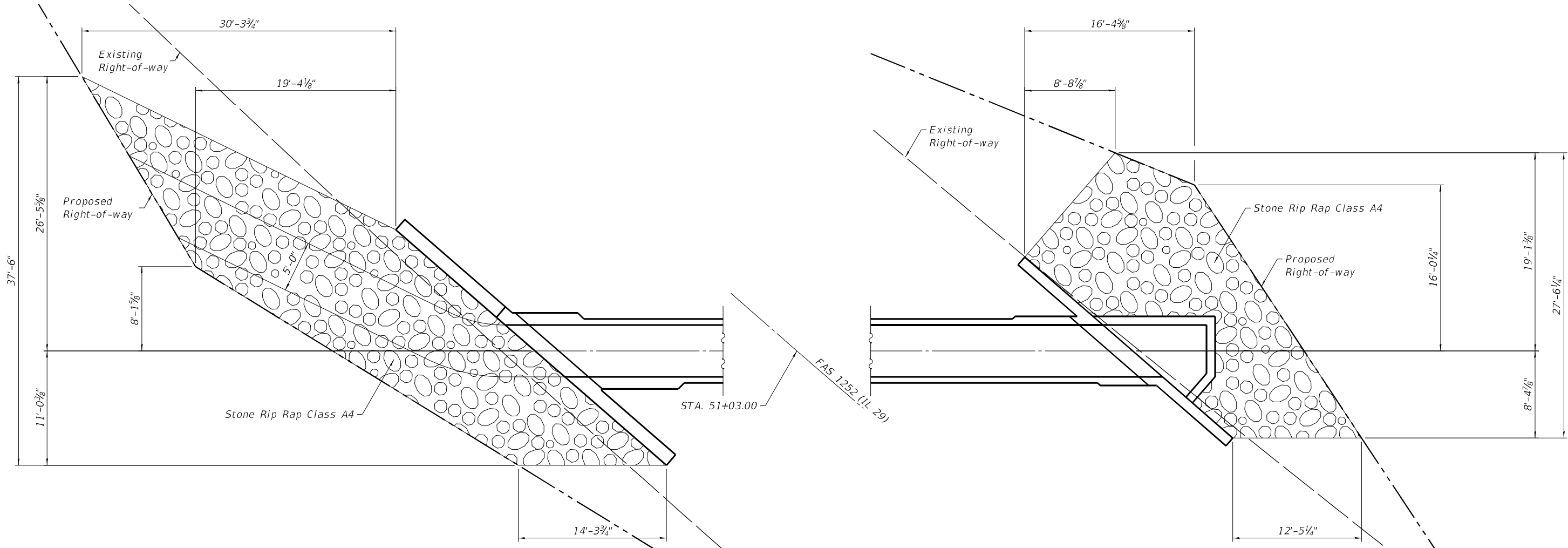
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CULVERT DETAILS
 SN 006-2620 STA. 51+03.00**

SCALE: SHEET 3 OF 6 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1252	(R-4)CR	BUREAU	100	33
CONTRACT NO. 66F91				
ILLINOIS FED. AID PROJECT				

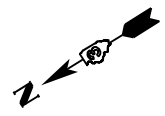
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Left

Right

RIPRAP DETAIL



USER NAME = CHAMLIN	DESIGNED - JKC	REVISED -
	DRAWN - LAG	REVISED -
PLOT SCALE =	CHECKED - JKC	REVISED -
PLOT DATE =	DATE -	REVISED -

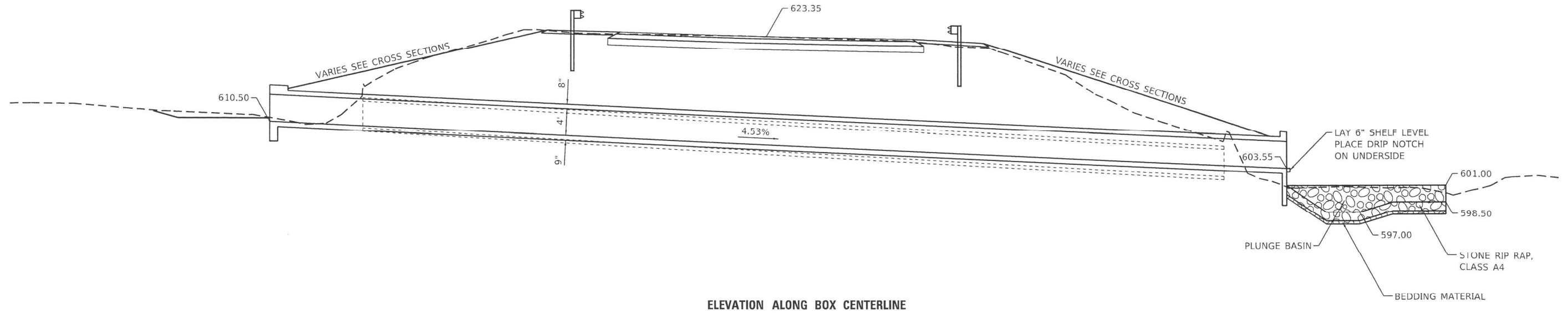
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SN 006-2620
 STA. 51 + 03.00**

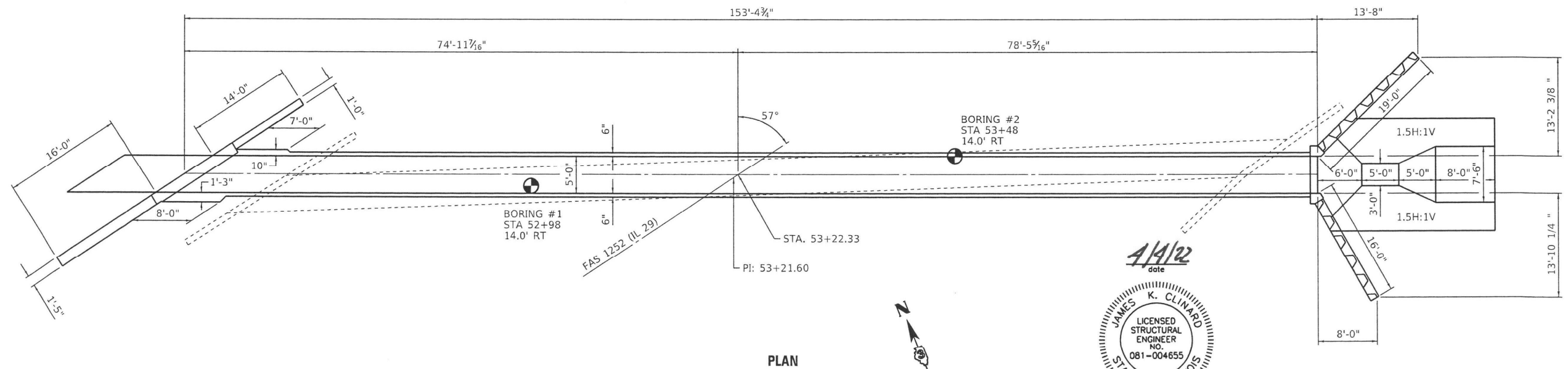
SCALE:	SHEET 5	OF 6	SHEETS	STA.	TO STA.
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1252	(R-4)CR	BUREAU	100	35
CONTRACT NO. 66F91				
ILLINOIS FED. AID PROJECT				

EXIST. STRUCTURE: SN 006-2621 BUILT AS PROJECT 7, SECTION R-4 IN 1924.
 STRUCTURE CONSISTS OF A 5'X4' REINFORCED
 CONCRFTE BOX CULVERT 135' LONG.



~ SHEET PILE
WING WALLS
SEE SHEET 4 OF 5



4/4/22
date

JAMES K. CLIVARD
LICENSED
STRUCTURAL
ENGINEER
NO.
081-004655
STATE OF ILLINOIS

expires 11-30-2022

signature

PROFESSIONAL DESIGN FIRM
LICENSE NO. 184-001717

APPROVED
For Structural Adequacy Only

Engineer of Bridges & Structures

See Sheets 2 - 4 of 5 for
Details and Sections.

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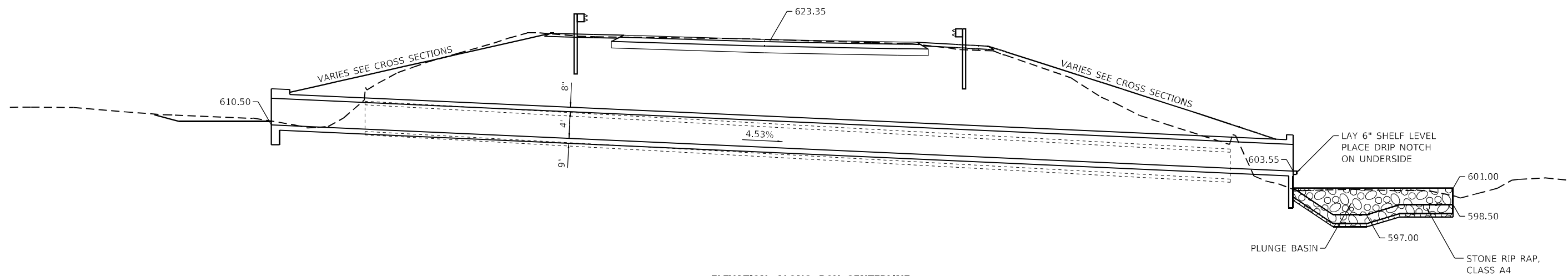
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

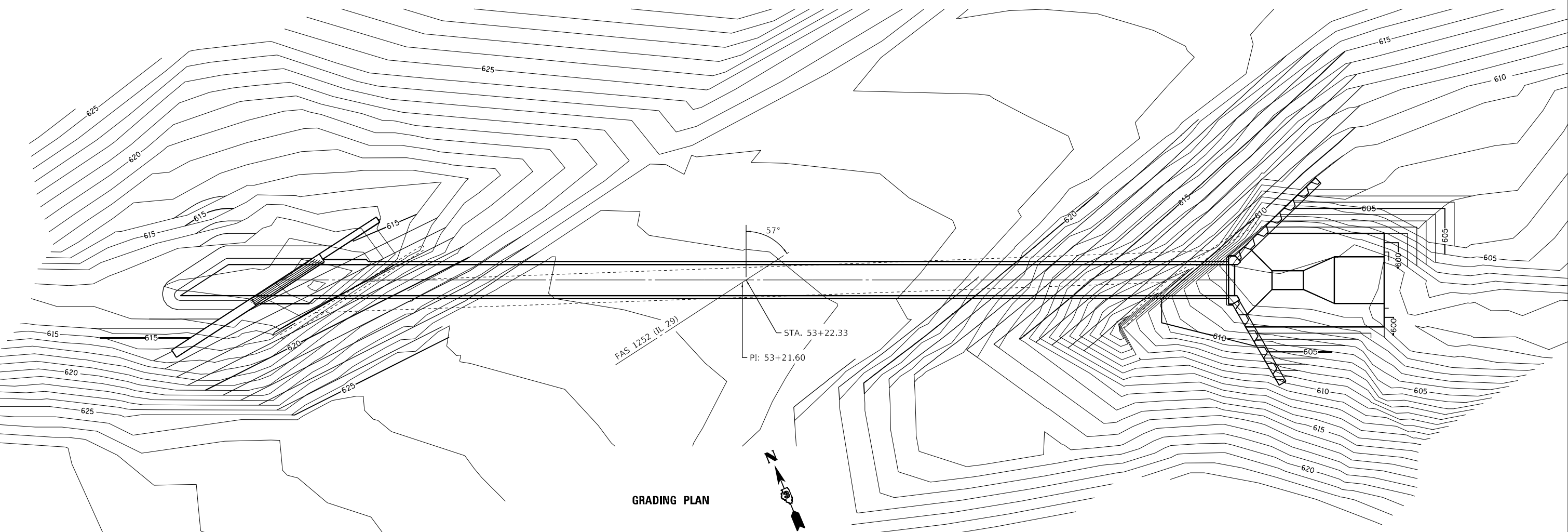
SN 006-2621
STA. 53 + 22.33

SCALE: SHEET 1 OF 6 SHEETS STA. TO STA.

F.A.S. RTE. 1252	SECTION (R-4)CR	COUNTY BUREAU	TOTAL SHEETS 100	SHEET NO. 37
CONTRACT NO. 66F91				
ILLINOIS FED. AID PROJECT				



ELEVATION ALONG BOX CENTERLINE



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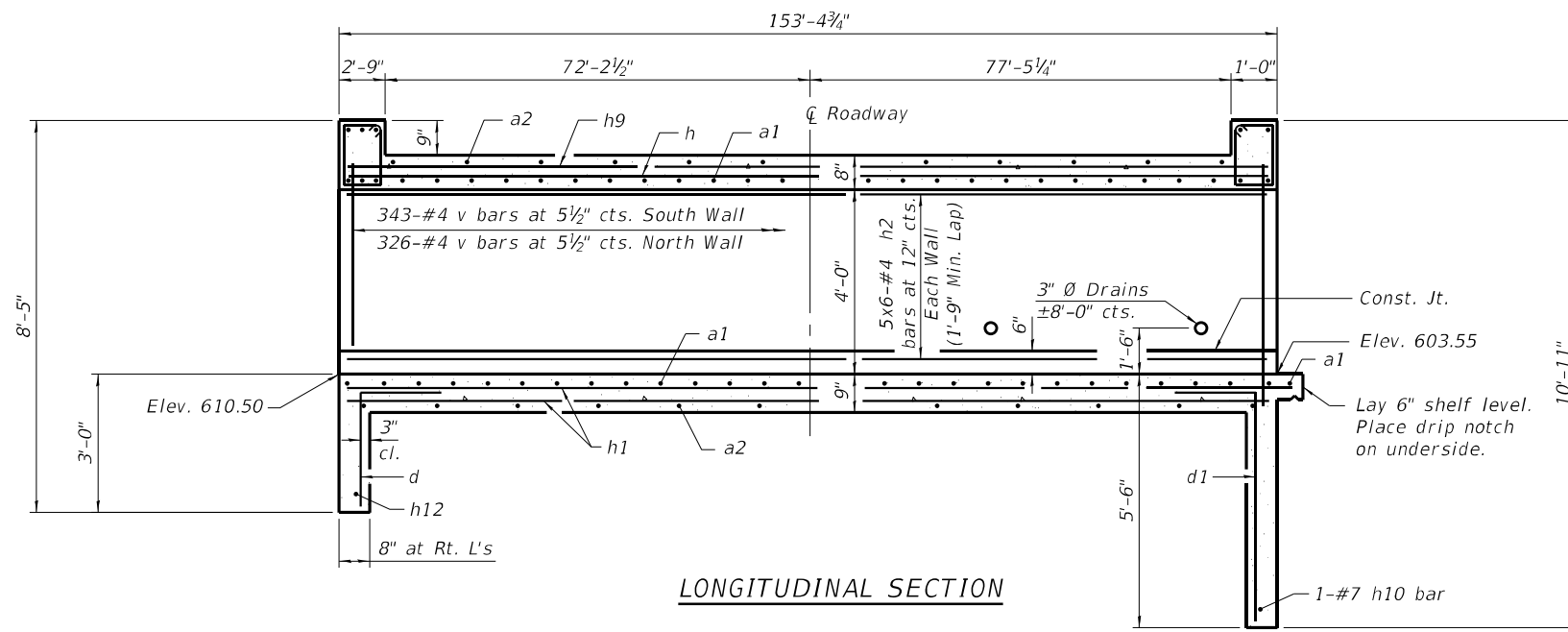
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

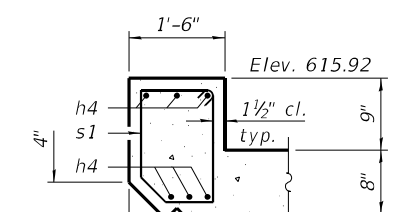
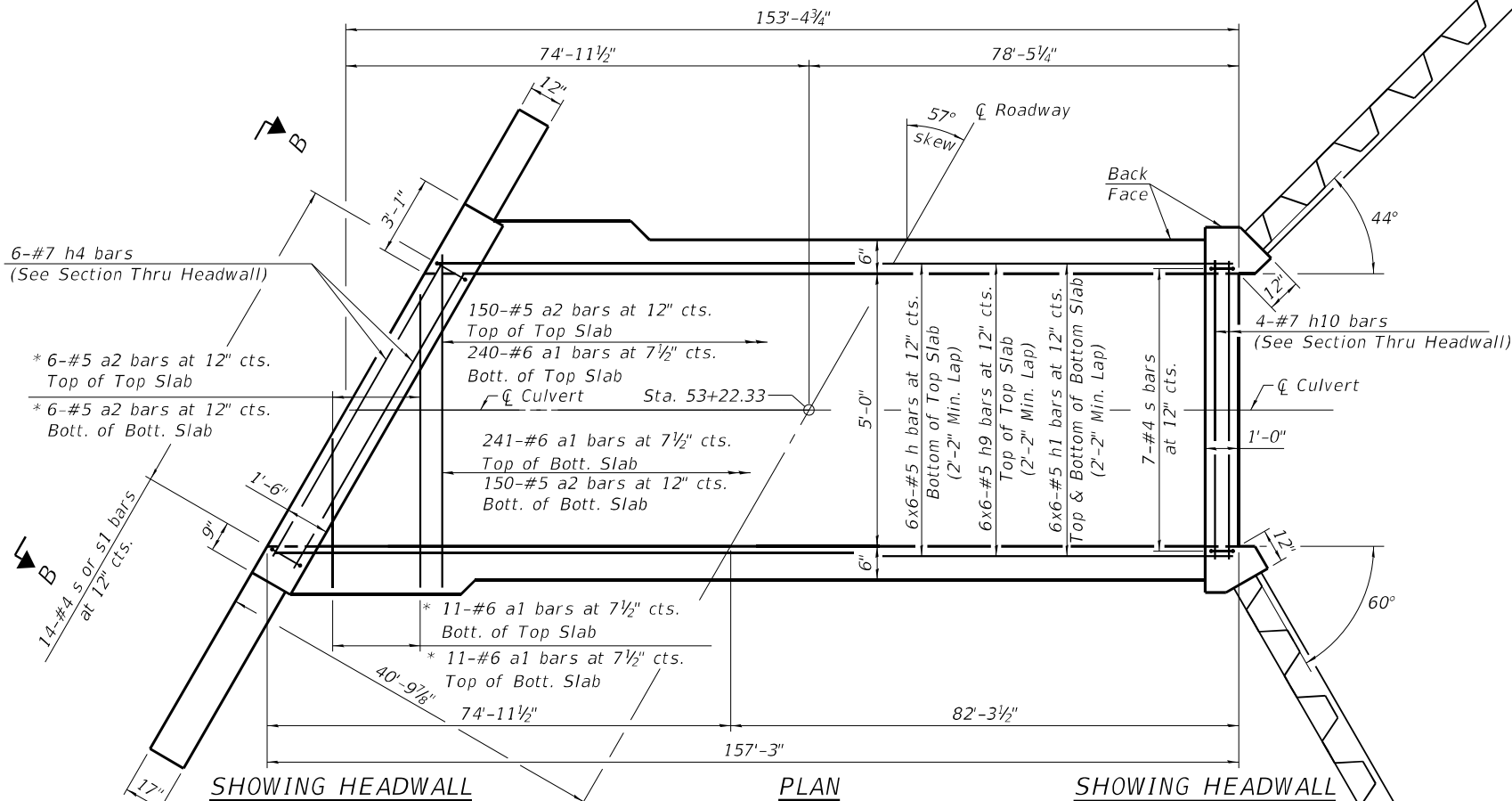
SN 006-2621
STA. 53 + 22.33

SCALE: SHEET 1 OF 6 SHEETS STA. TO STA.

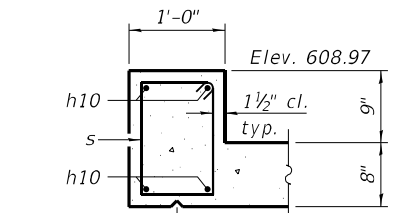
F.A.S. RTE. 1252	SECTION (R-4)CR	COUNTY BUREAU	TOTAL SHEETS 100	SHEET NO. 37A
CONTRACT NO. 66F91				
ILLINOIS FED. AID PROJECT				



* a bars in skew portion of slab shall be ordered full length and cut to fit.

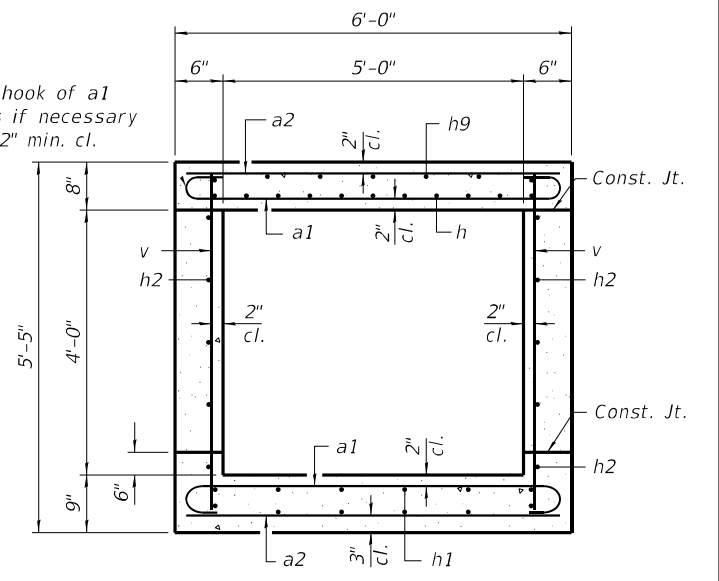


Elev. 615.92
1 1/2" cl. typ.
9"
8"
4"
4"
6"
3/4" "Δ" Drip notch full length of span
UPSTREAM



Elev. 608.97
1 1/2" cl. typ.
9"
8"
6"
3/4" "Δ" Drip notch full length of span
DOWNSTREAM

SECTION THRU HEADWALL

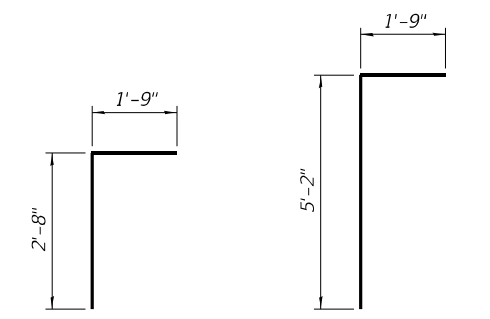


Tilt hook of a1 bars if necessary for 2" min. cl.

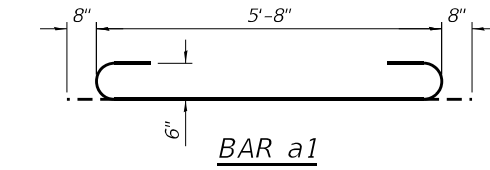
SECTION THRU BARREL

BILL OF MATERIAL

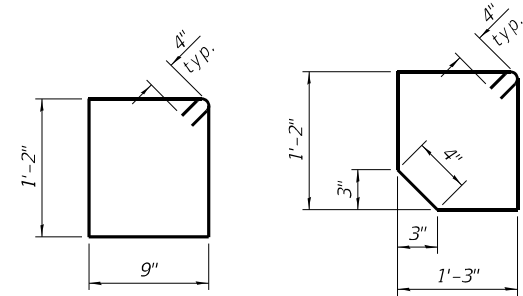
Bar	No.	Size	Length	Shape
a1	503	#6	7'-0"	U
a2	312	#5	5'-8"	—
d	6	#4	4'-5"	L
d1	6	#4	6'-11"	L
h	36	#5	28'-0"	—
h1	72	#5	28'-0"	—
h2	60	#4	27'-8"	—
h3	8	#7	8'-0"	—
h4	8	#7	12'-8"	—
h6	10	#7	20'-3"	—
h7	8	#7	8'-0"	—
h8	10	#7	15'-1"	—
h9	36	#5	28'-0"	—
h10	7	#7	5'-8"	—
h11	22	#4	1'-6"	—
h12	5	#7	38'-10"	—
s	7	#4	4'-6"	—
s1	14	#4	5'-4"	—
v	671	#4	5'-2"	—
v3	8	#4	8'-0"	—
v4	6	#5	10'-6"	—
Concrete Box Culverts	Cu. Yd.	77.1		
Reinforcement Bars	Pound	15,690		
Stone Riprap, Class A4	Sq. Yd.	147		
Filter Fabric	Sq. Yd.	147		
Porous Granular Embankment	Cu. Yd.	1,483		
Structure Excavation	Cu. Yd.	1,510		
Permanent Sheet Piling	Sq. Ft.	477		



BAR d BAR d1



BAR a1



BAR s BAR s1

Notes:
A distance of half the length of the wingwall but not less than six feet of the barrel shall be poured monolithically with the wingwalls.
Bars indicated thus 12 x 4-#5 etc. indicates 12 lines of bars with 4 lengths per line.

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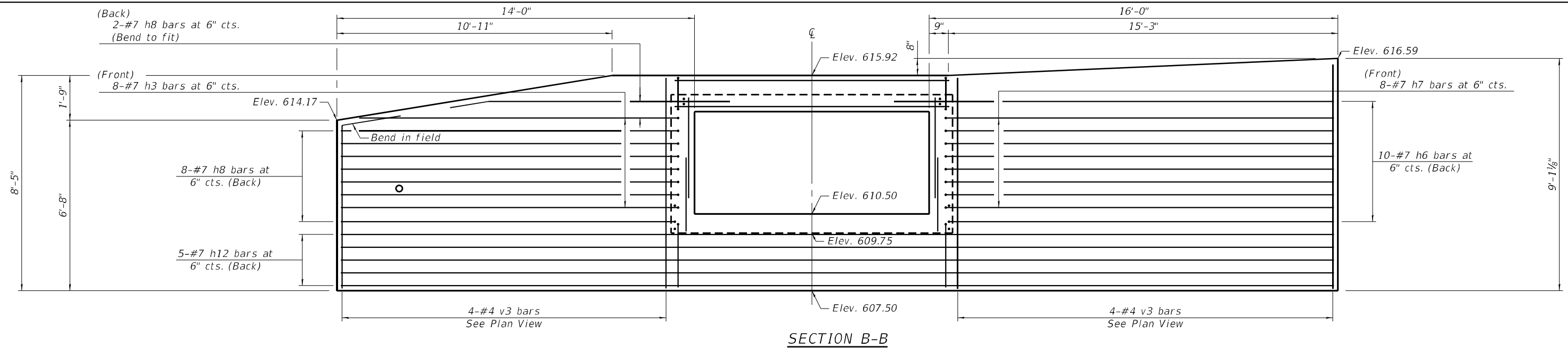


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PLOT SCALE =	DRAWN - LAG	REVISED -
PLOT DATE =	CHECKED - JKC	REVISED -
	DATE -	REVISED -

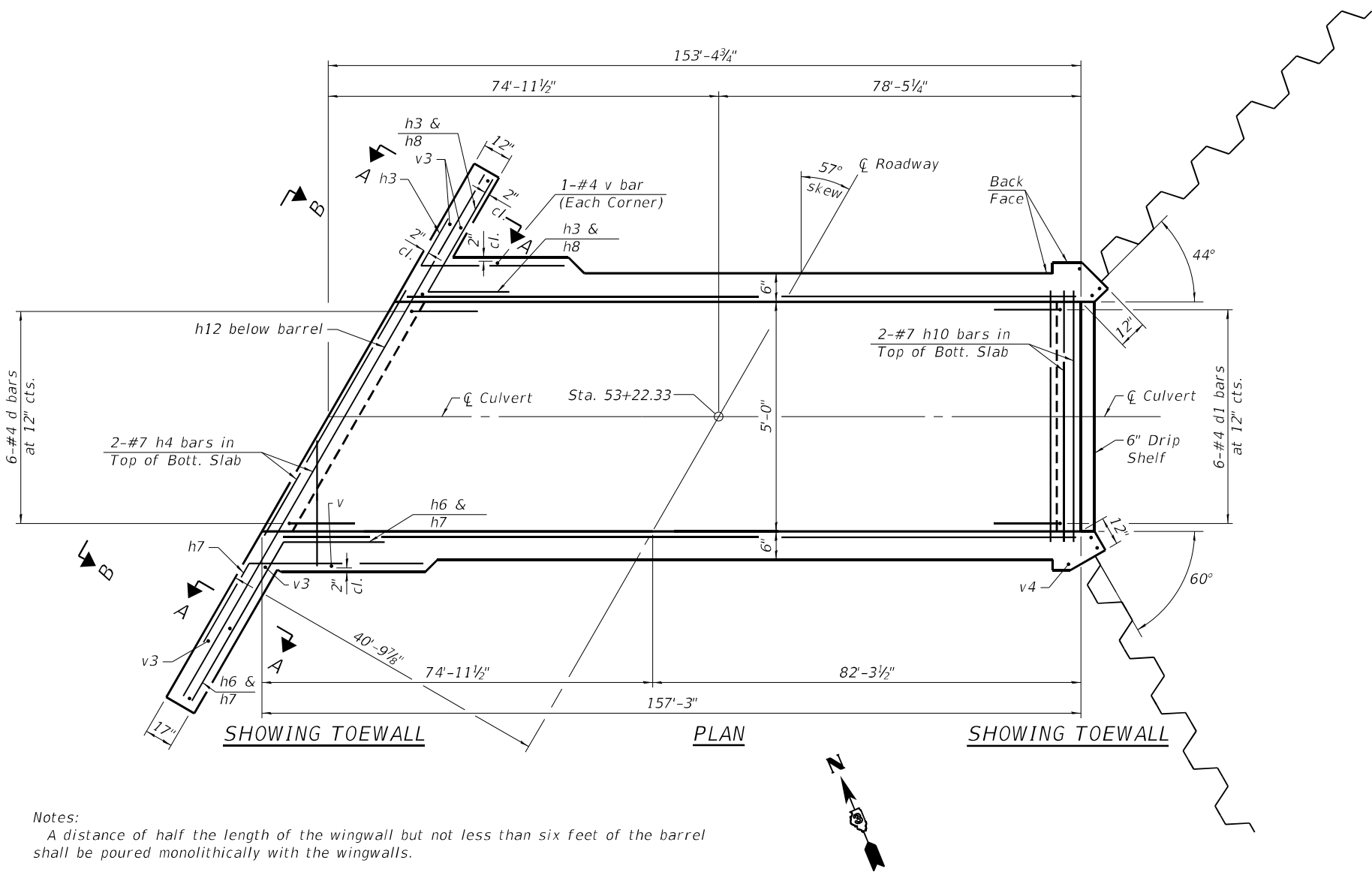
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CULVERT DETAILS
SN 006-2621 STA. 53 + 22.33
SCALE: SHEET 2 OF 6 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1252	(R-4)CR	BUREAU	100	38
CONTRACT NO. 66F91			ILLINOIS FED. AID PROJECT	



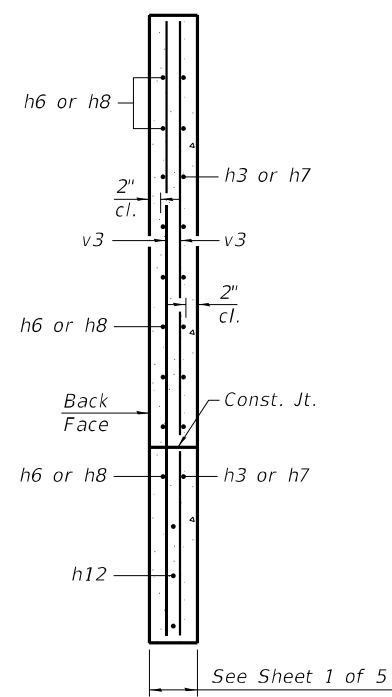
SECTION B-B



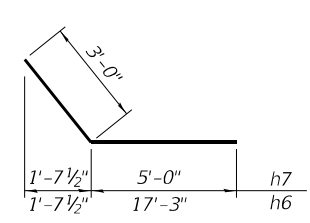
SHOWING TOEWALL

PLAN

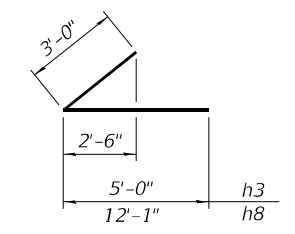
SHOWING TOEWALL



SECTION A-A



BARS h7 & h6



BARS h3 & h8

Notes:
A distance of half the length of the wingwall but not less than six feet of the barrel shall be poured monolithically with the wingwalls.

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	DATE -	REVISED -

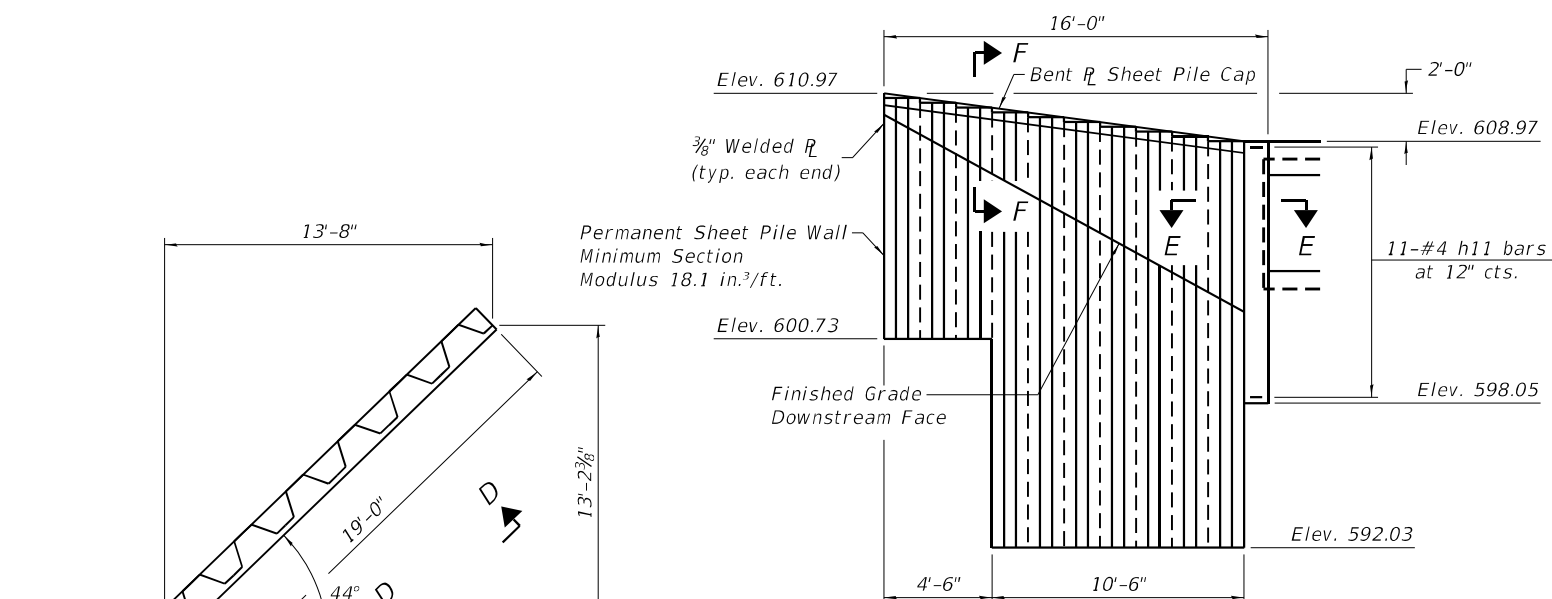
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:			
SHEET 3	OF 6	SHEETS	STA. TO STA.

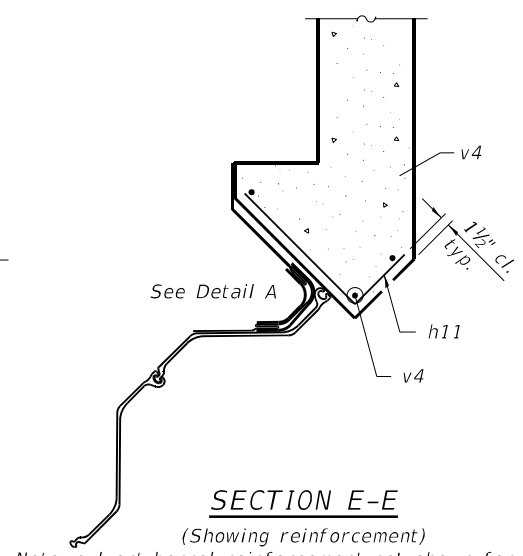
CULVERT DETAILS
SN 006-2621 STA. 53+22.33

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1252	(R-4)CR	BUREAU	100	39
CONTRACT NO. 66F91				
ILLINOIS FED. AID PROJECT				

Notes:
 The minimum section modulus of the permanent sheet pile wall shall be 18.1 in.³/ft.
 Sheet piling shall not be driven until the concrete strength has attained a minimum flexural strength of 650 psi or a minimum compressive strength of 3500 psi.
 The cost of furnishing and installing the bent R sheet pile cap, elastomeric mat, and filter fabric shall be included in the cost of the Permanent Sheet Pile.

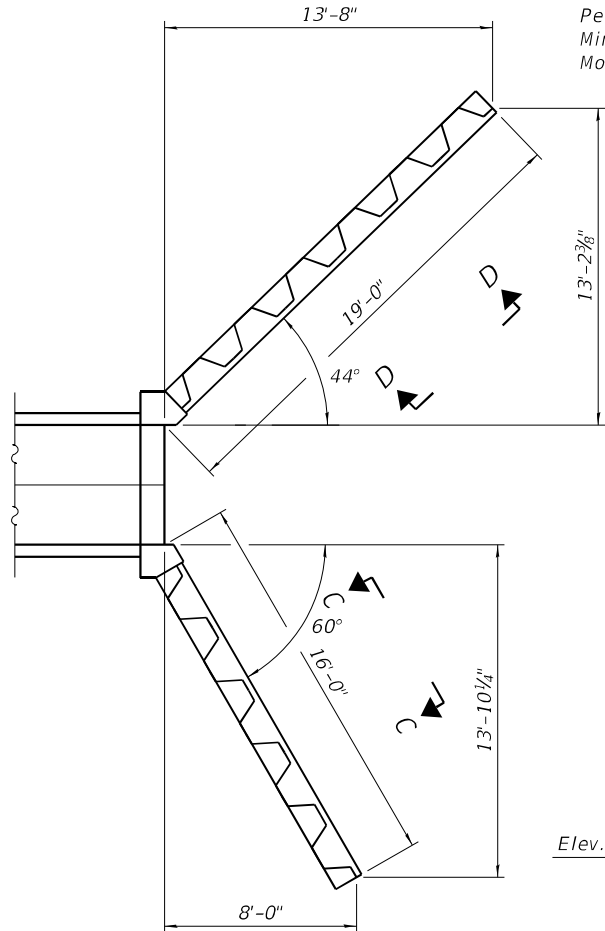


SECTION C-C

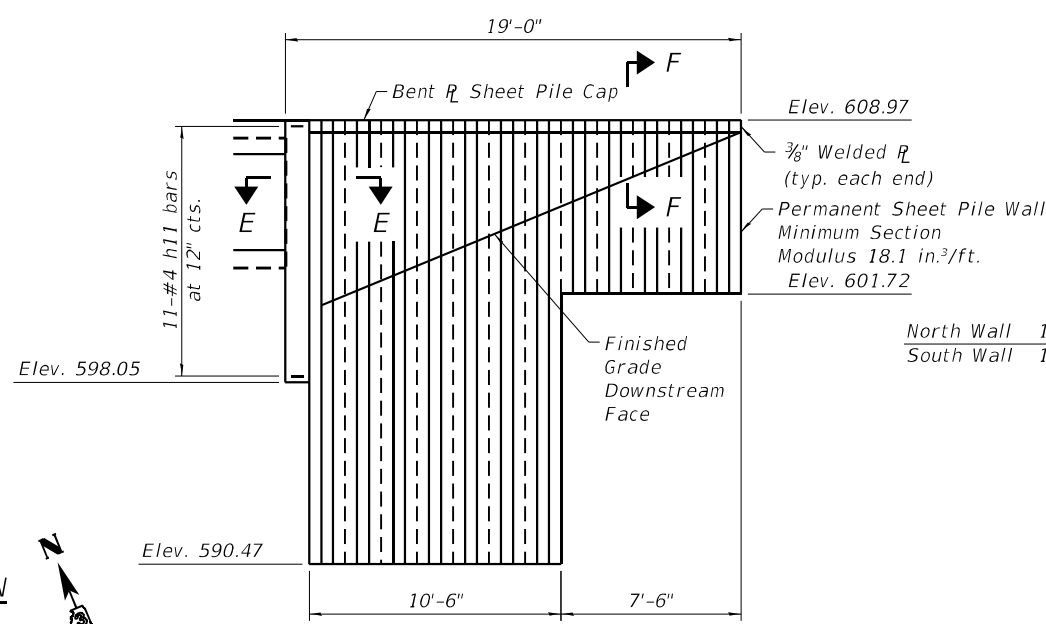


SECTION E-E
(Showing reinforcement)

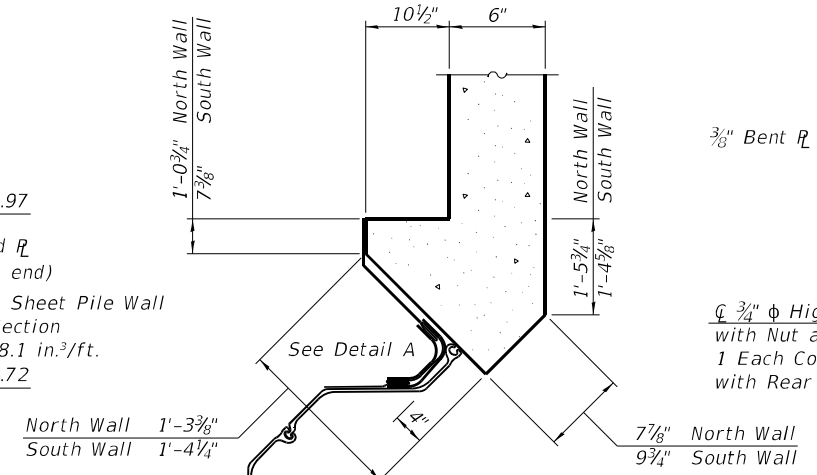
Note: culvert barrel reinforcement not shown for clarity.



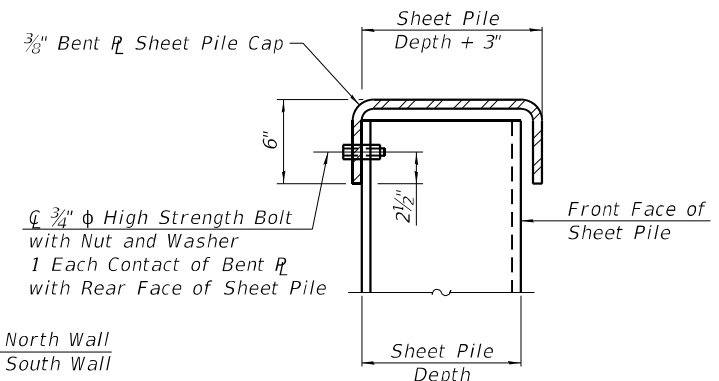
PERMANENT SHEET PILING PLAN



SECTION D-D

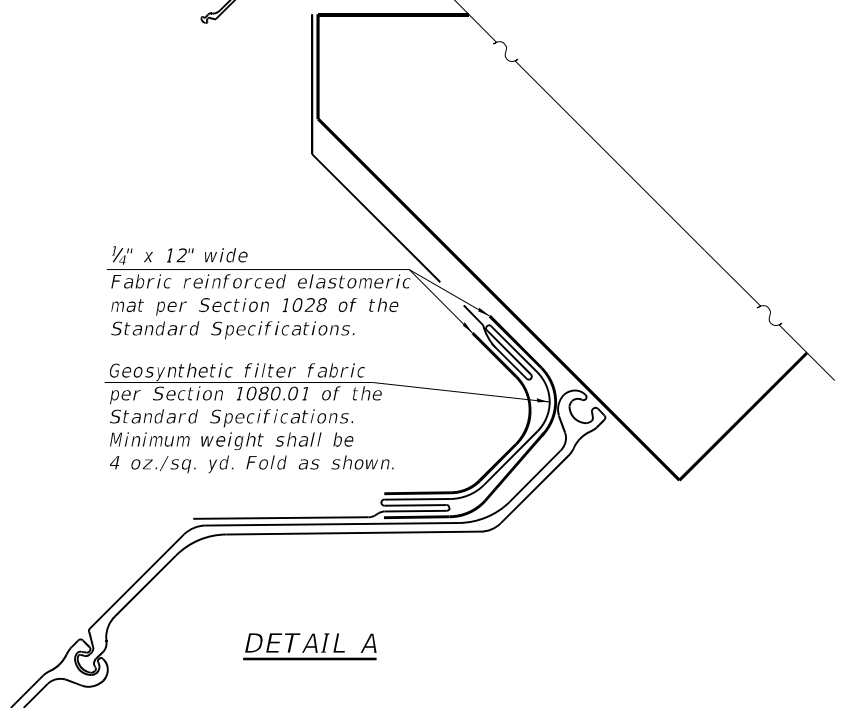


SECTION E-E
(Showing dimensions)

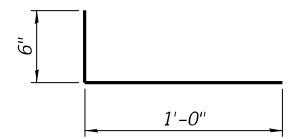


SECTION F-F

* To be included in the cost of Permanent Sheet Piling



DETAIL A



BARS h11

BILL OF MATERIAL

Permanent Sheet Piling	Sq. Ft.	477

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	DRAWN - LAG	REVISIONS -
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PLOT DATE =	DATE -	REVISIONS -

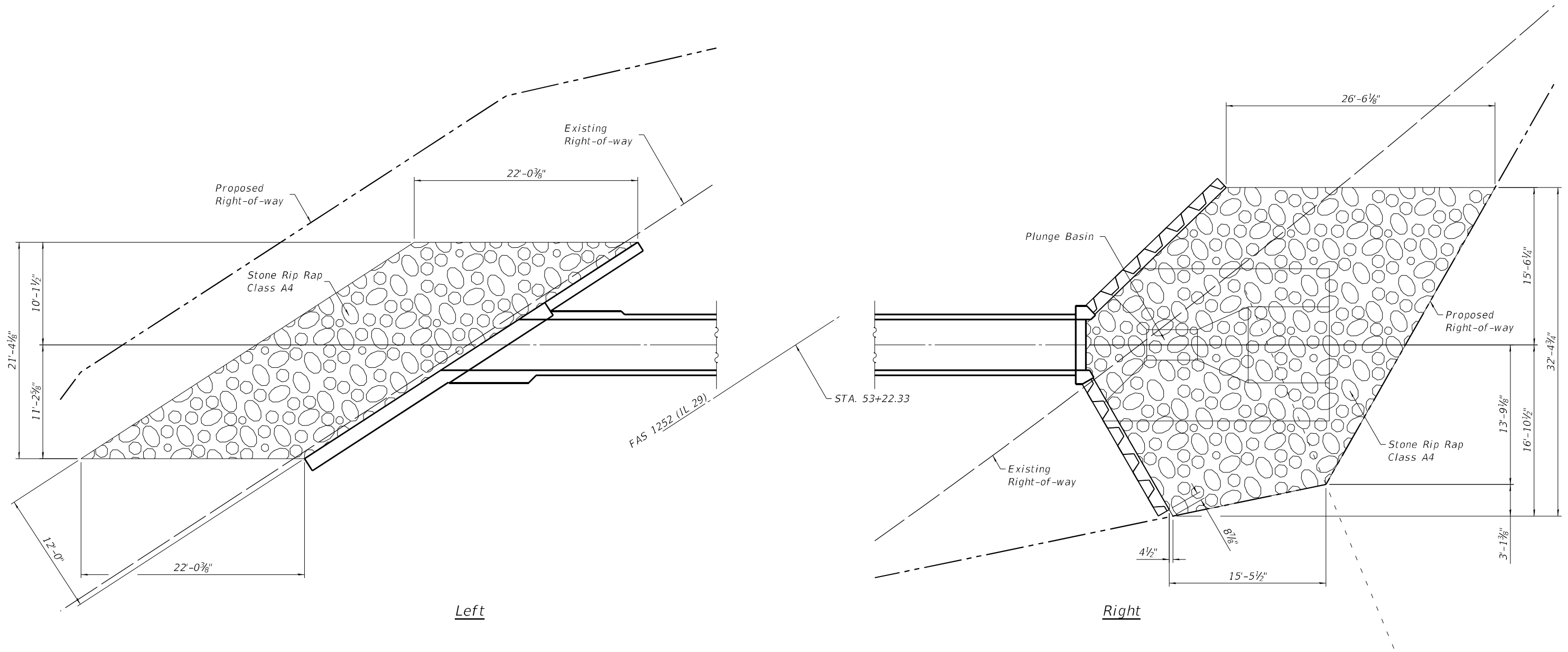
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CULVERT DETAILS
 SN 006-2621 STA. 53+22.33

SCALE: SHEET 4 OF 6 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1252	(R-4)CR	BUREAU	100	40
CONTRACT NO. 66F91				
ILLINOIS FED. AID PROJECT				

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RIPRAP DETAIL



USER NAME = CHAMLIN	DESIGNED - JKC	REVISED -
	DRAWN - LAG	REVISED -
PLOT SCALE =	CHECKED - JKC	REVISED -
PLOT DATE =	DATE -	REVISED -

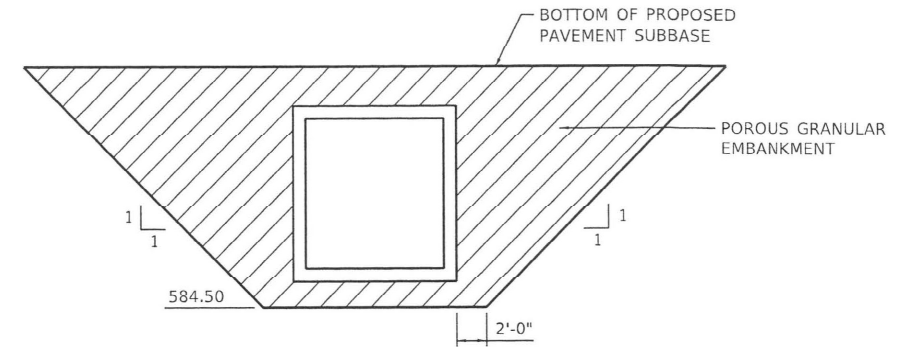
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SN 006-2621
 STA. 53 + 22.33**

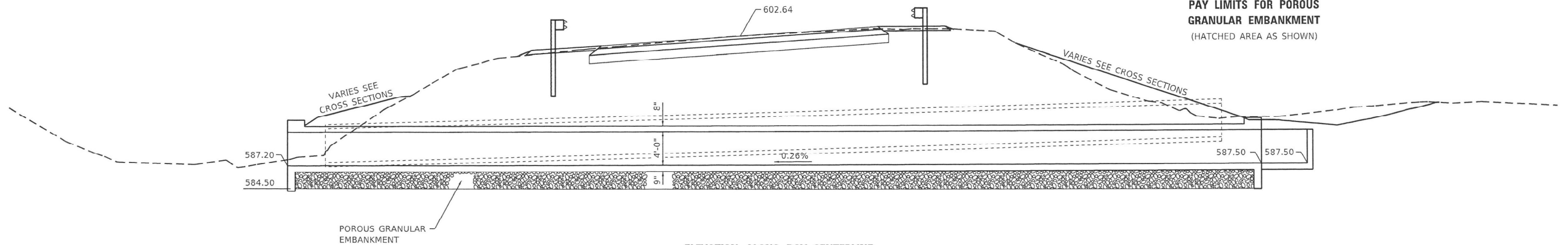
SCALE: SHEET 5 OF 6 SHEETS STA. TO STA.

F.A.S. RTE. 1252	SECTION (R-4)CR	COUNTY BUREAU	TOTAL SHEETS 100	SHEET NO. 41
ILLINOIS FED. AID PROJECT			CONTRACT NO. 66F91	

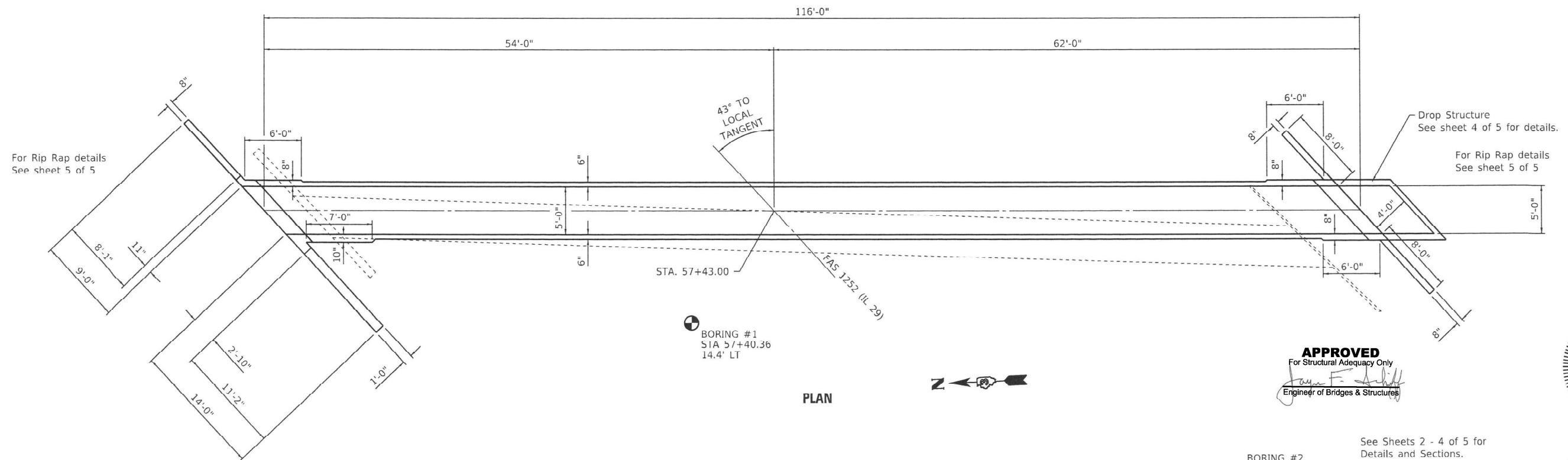
EXIST. STRUCTURE: SN 006-2622 BUILT AS PROJECT 7, SECTION R-4 IN 1924.
 STRUCTURE CONSISTS OF A 5'X4' REINFORCED
 CONCRETE BOX CULVERT 110' LONG.



PAY LIMITS FOR POROUS GRANULAR EMBANKMENT
 (HATCHED AREA AS SHOWN)



ELEVATION ALONG BOX CENTERLINE



PLAN

APPROVED
 For Structural Adequacy Only
[Signature]
 Engineer of Bridges & Structures

4/4/22
 date
 JAMES K. CLINARD
 LICENSED STRUCTURAL ENGINEER
 NO. 081-004655
 STATE OF ILLINOIS
 expires 11-30-2022
[Signature]
 signature
 PROFESSIONAL DESIGN FIRM
 LICENSE NO. 184-001717

See Sheets 2 - 4 of 5 for
 Details and Sections.

BORING #2
 STA 56+86.42
 14.0' RT

MODEL: Default
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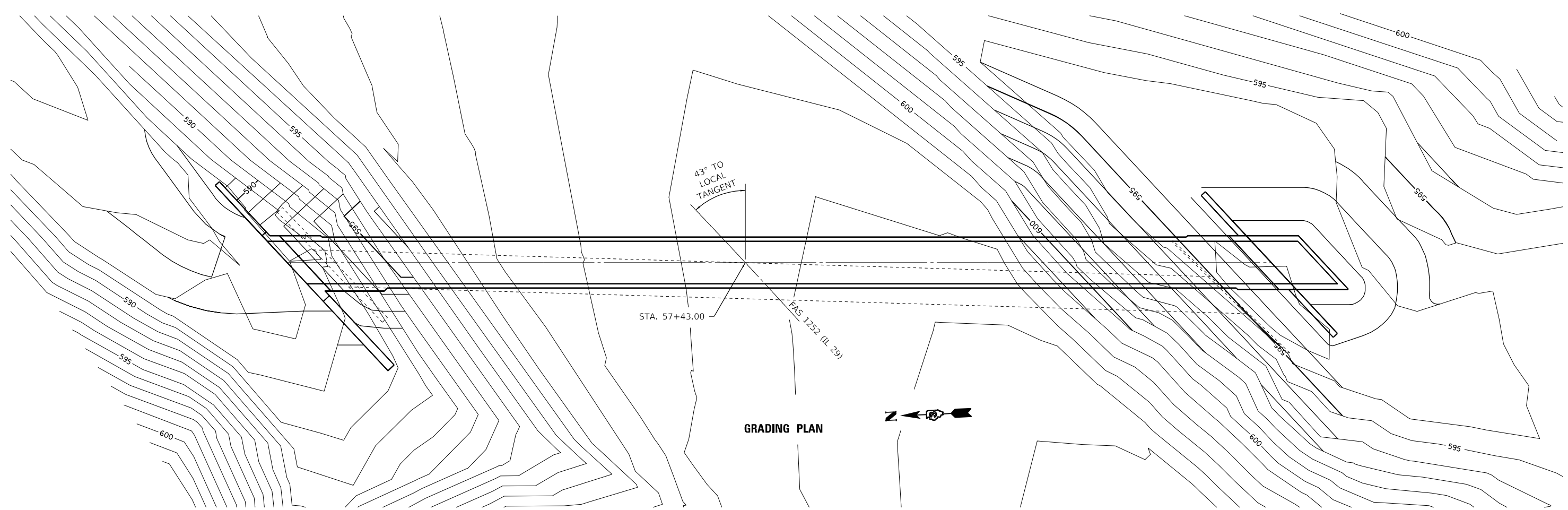
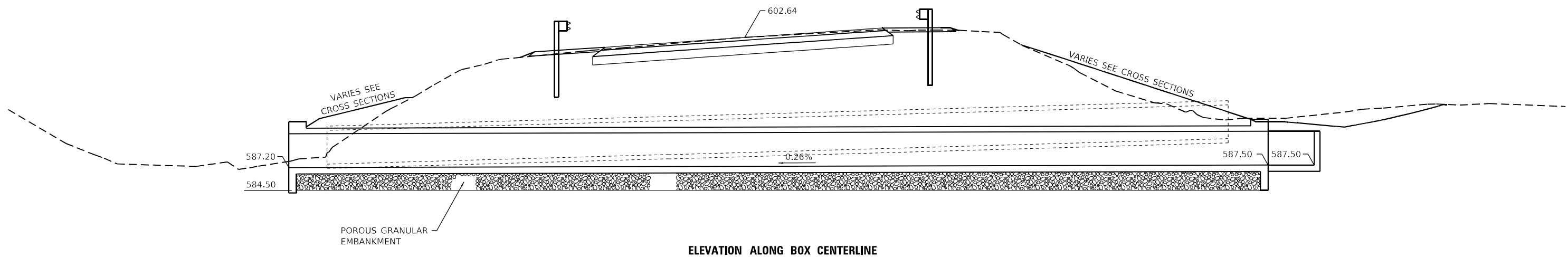
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	DRAWN - LAG	REVISED -
PLOT SCALE =	CHECKED - JKC	REVISED -
PLOT DATE =	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SN 006-2622
 STA. 57 + 43.00**

F.A.S. RTE. 1252	SECTION (R-4)CR	COUNTY BUREAU	TOTAL SHEETS 100	SHEET NO. 43
CONTRACT NO. 66F91				ILLINOIS FED. AID PROJECT

SCALE: SHEET 1 OF 6 SHEETS STA. TO STA.



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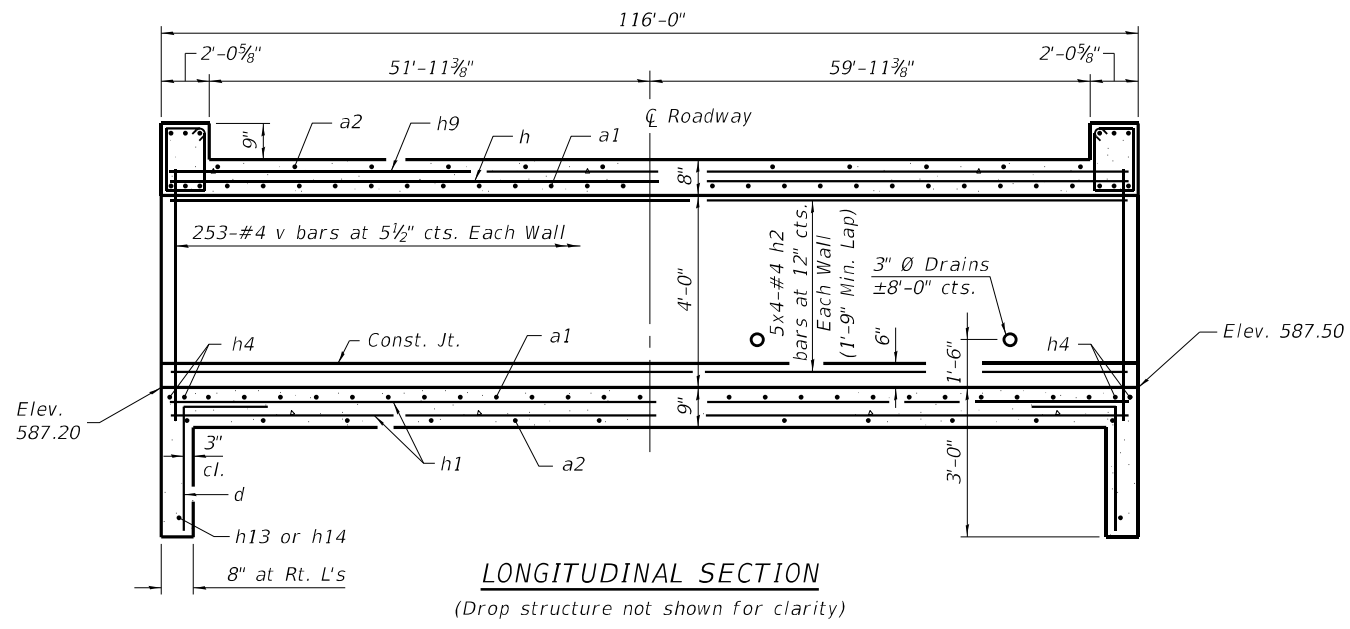


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PLOT DATE =	CHECKED - JKC	REVISED -
	DATE -	REVISED -

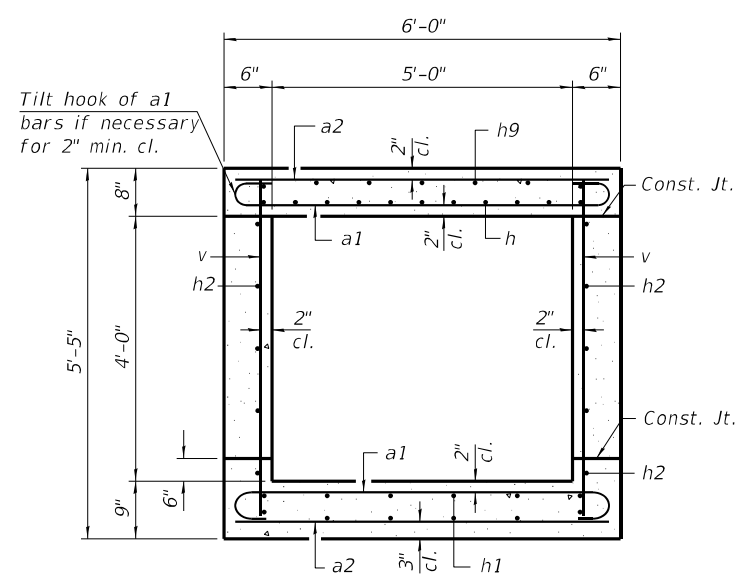
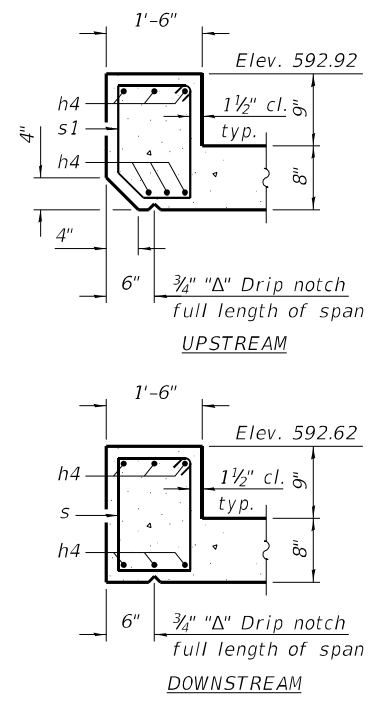
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SN 006-2622 STA. 57 + 43.00			
SCALE:	SHEET 1	OF 6 SHEETS	STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1252	(R-4)CR	BUREAU	100	43A
CONTRACT NO. 66F91				
ILLINOIS FED. AID PROJECT				



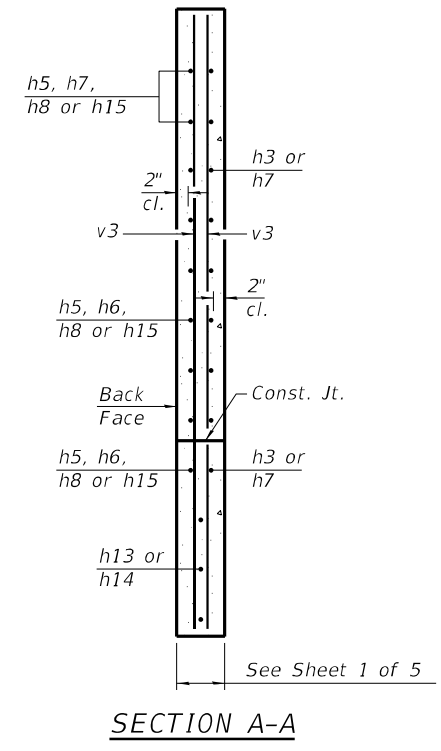
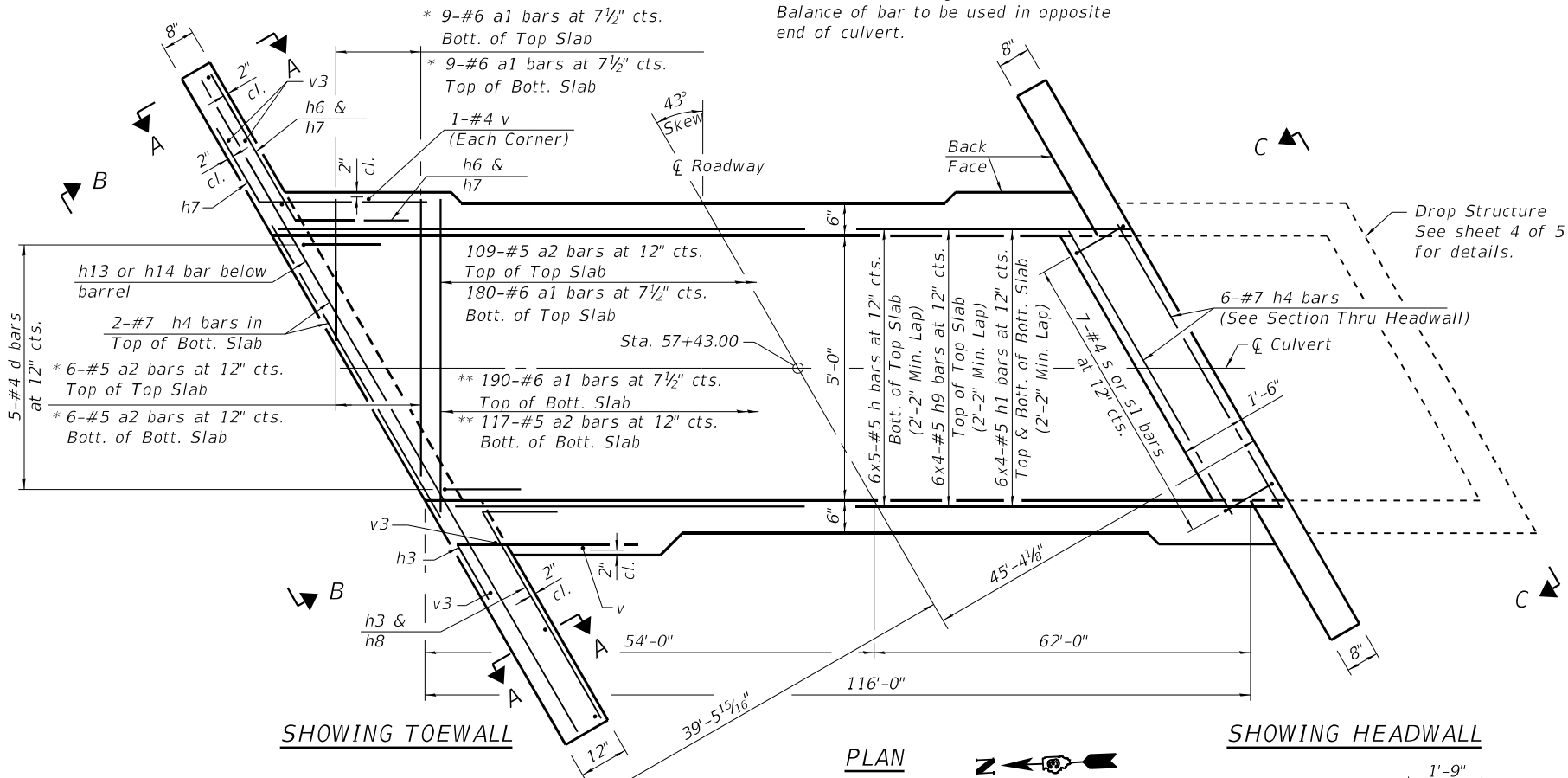
* "a" bars in skew portion of slab shall be ordered full length & cut to fit. Balance of bar to be used in opposite end of culvert.



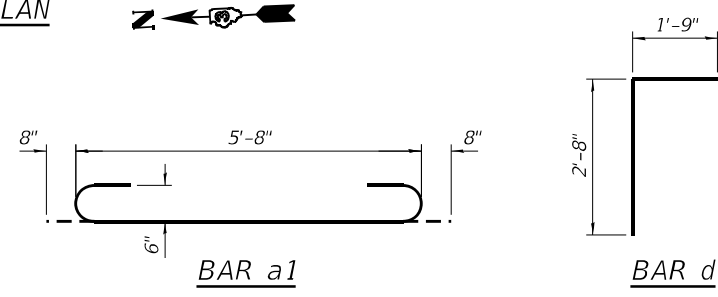
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a1	388	#6	7'-0"	[Symbol]
a2	238	#5	5'-8"	[Symbol]
d	10	#4	4'-5"	[Symbol]
h	30	#5	24'-11"	[Symbol]
h1	48	#5	30'-7"	[Symbol]
h2	40	#4	30'-3"	[Symbol]
h3	18	#6	8'-0"	[Symbol]
h4	16	#7	8'-0"	[Symbol]
h5	9	#6	10'-11"	[Symbol]
h6	3	#6	11'-11"	[Symbol]
h7	14	#6	8'-0"	[Symbol]
h8	13	#6	15'-10"	[Symbol]
h9	24	#5	30'-7"	[Symbol]
h10	12	#5	8'-3"	[Symbol]
h11	14	#6	12'-0"	[Symbol]
h12	5	#4	8'-2"	[Symbol]
h13	5	#6	29'-7"	[Symbol]
h14	4	#6	22'-7"	[Symbol]
h15	9	#6	10'-0"	[Symbol]
s	7	#4	5'-6"	[Symbol]
s1	7	#4	5'-4"	[Symbol]
v	510	#4	5'-0"	[Symbol]
v3	16	#4	8'-0"	[Symbol]
v4	12	#4	4'-4"	[Symbol]
v5	11	#4	5'-0"	[Symbol]

Concrete Box Culverts	Cu. Yd.	66.5
Reinforcement Bars	Pound	13,350
Stone Riprap, Class A4	Sq. Yd.	77
Filter Fabric	Sq. Yd.	77
Porous Granular Embankment	Cu. Yd.	1,886
Removal and Disposal of Unsuitable Material	Cu. Yd.	92
Structure Excavation	Cu. Yd.	1,897



Notes:
A distance of half the length of the wingwall but not less than six feet of the barrel shall be poured monolithically with the wingwalls.
Bars indicated thus 12 x 4-#5 etc. indicates 12 lines of bars with 4 lengths per line.



TSA-SB-HC-LS 2-17-2017

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	DRAWN - LAG	REVISIONS -
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PLOT DATE =	DATE -	REVISIONS -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CULVERT DETAILS
SN 006-2622 STA. 57 + 43.00

SCALE: SHEET 2 OF 6 SHEETS STA. TO STA.

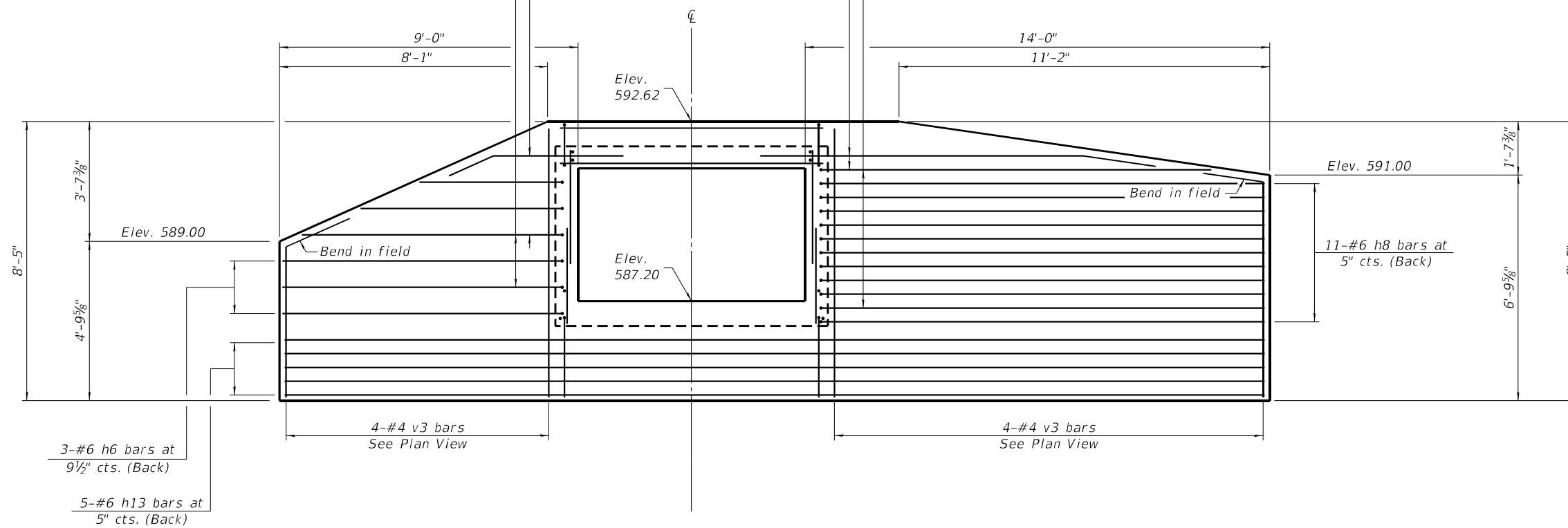
F.A.S. RTE. 1252	SECTION (R-4)CR	COUNTY BUREAU	TOTAL SHEETS 100	SHEET NO. 44
CONTRACT NO. 66F91			ILLINOIS FED. AID PROJECT	

(Back)
4-#6 h7 bars at 9½" cts.

(Front)
3-#6 h7 bars at 9½" cts.

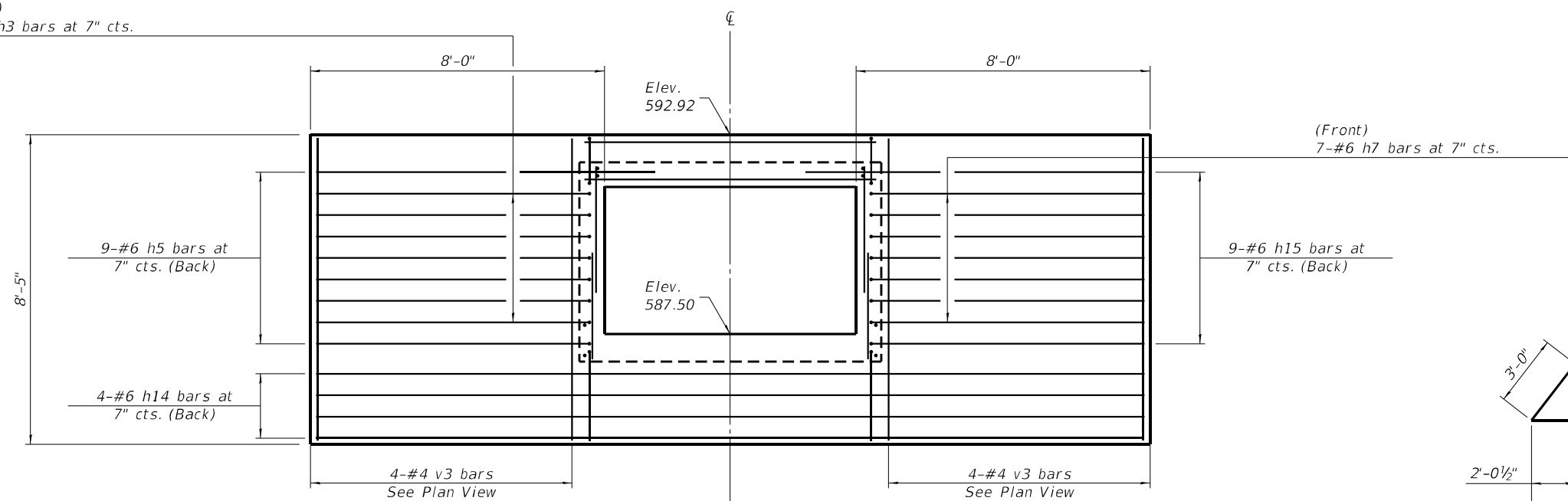
(Back)
2-#6 h8 bars at 5" cts.
(Bend to fit)

(Front)
11-#6 h3 bars at 5" cts.

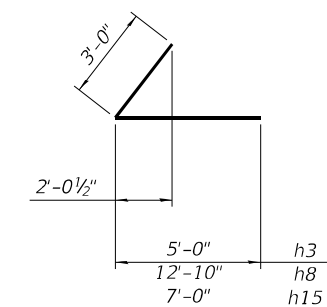


SECTION B-B

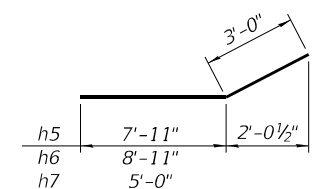
(Front)
7-#6 h3 bars at 7" cts.



SECTION C-C



BARS h3, h8 & h15



BARS h5, h6 & h7

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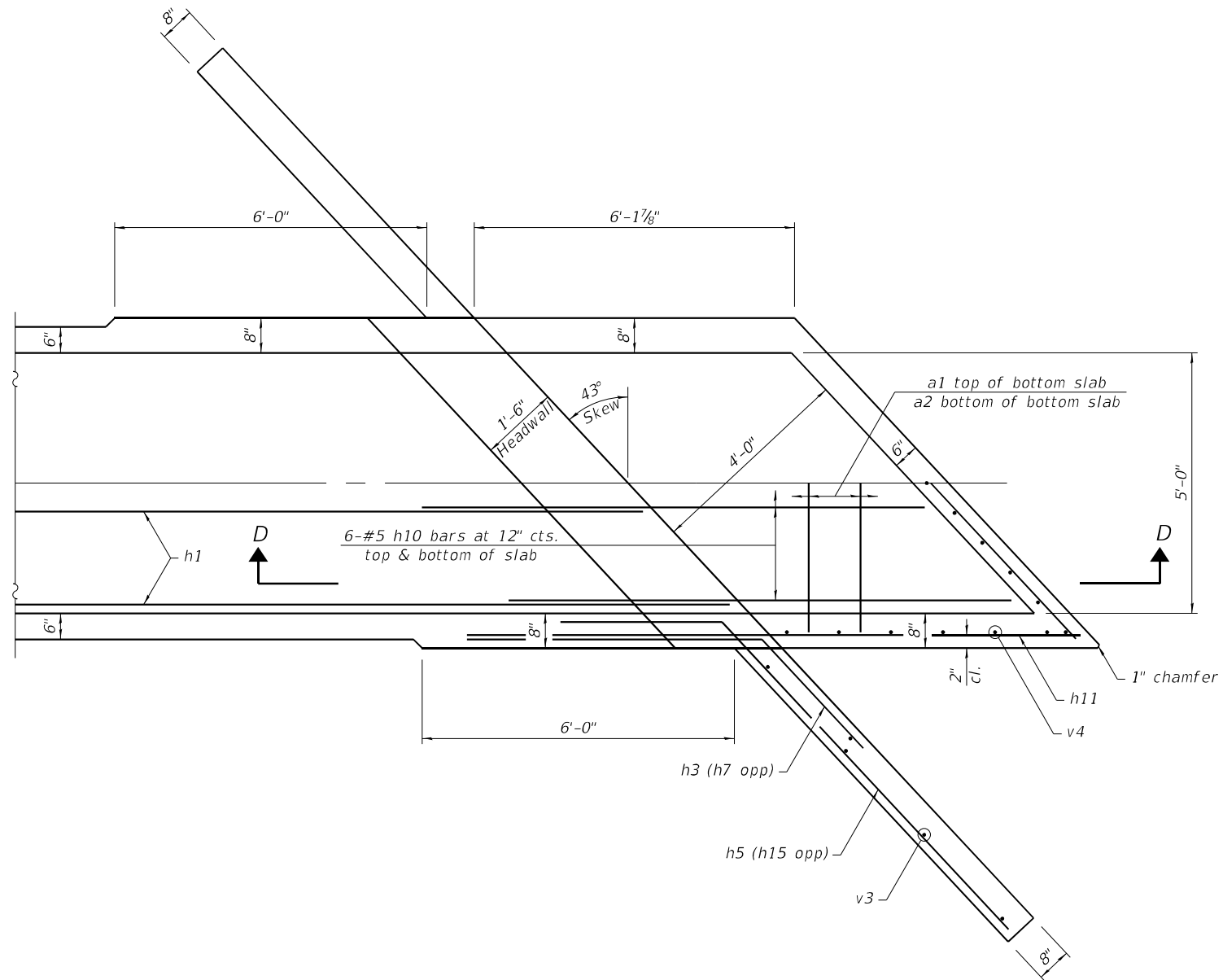
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CULVERT DETAILS
SN 006-2622 STA. 57 + 43.00

SCALE: SHEET 3 OF 6 SHEETS STA. TO STA.

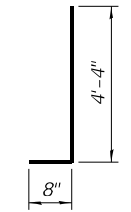
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1252	(R-4)CR	BUREAU	100	45
CONTRACT NO. 66F91				
ILLINOIS FED. AID PROJECT				

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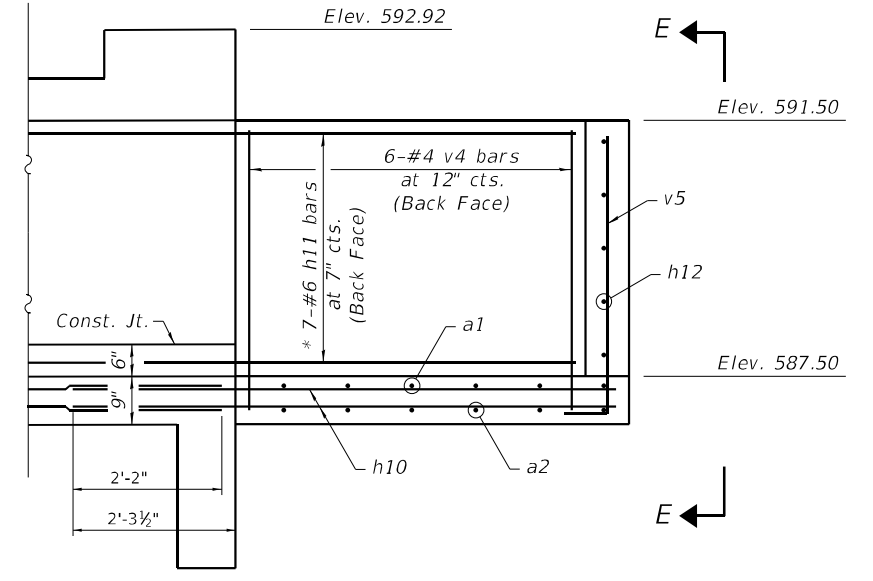


DROP STRUCTURE DETAIL

Note: Drop structure side walls shall be poured monolithically with wing walls and barrel walls.

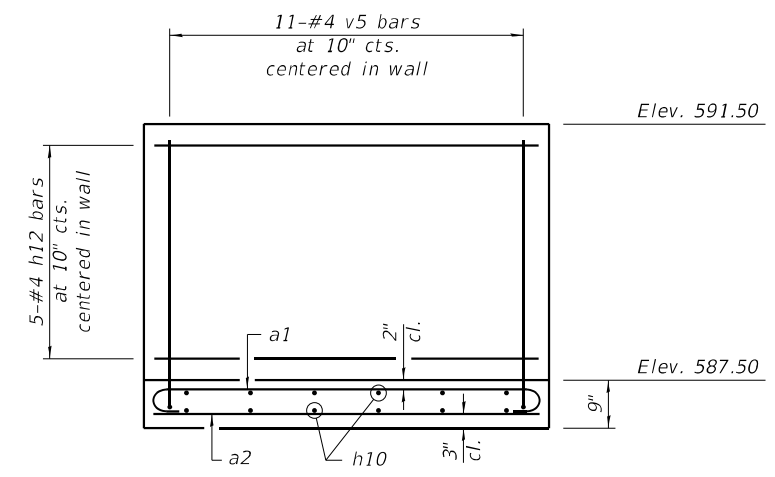


BAR v5



SECTION D-D

* Stagger h11 bars with h5 or h15 bars in barrel walls.



SECTION E-E



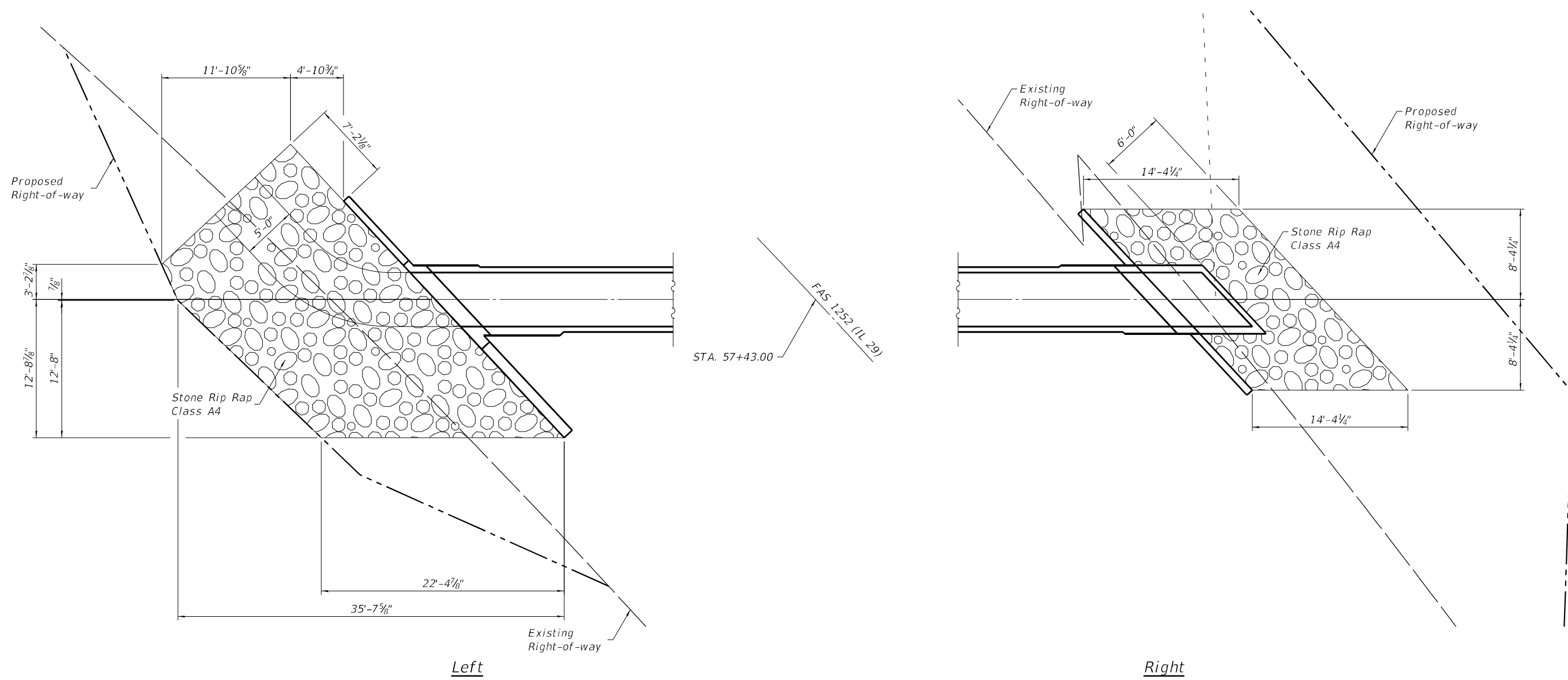
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PLOT SCALE =	DRAWN - LAG	REVISIONS -
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	DATE -	REVISIONS -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CULVERT DETAILS	
SN 006-2622 STA. 57 + 43.00	
SCALE:	SHEET 4 OF 6 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1252	(R-4)CR	BUREAU	100	46
CONTRACT NO. 66F91			ILLINOIS FED. AID PROJECT	

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RIPRAP DETAIL



USER NAME = CHAMLIN	DESIGNED - JKC	REVISED -
	DRAWN - LAG	REVISED -
PLOT SCALE =	CHECKED - JKC	REVISED -
PLOT DATE =	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SN 006-2622
 STA. 57 + 43.00**

SCALE: SHEET 5 OF 6 SHEETS STA. TO STA.

F.A.S. RTE. 1252	SECTION (R-4)CR	COUNTY BUREAU	TOTAL SHEETS 100	SHEET NO. 47
CONTRACT NO. 66F91				
ILLINOIS FED. AID PROJECT				



SOIL BORING LOG

ROUTE FAS 1252 (IL 29) DESCRIPTION IL 29 over a Stream, 0.2 miles West of Depue Road LOGGED BY Larry Myers

SECTION (24) CR-1 LOCATION NE 1/4, SEC. 34, TWP. 16N, RNG. 10E, 4th PM, Latitude 41.33149, Longitude -89.31855

COUNTY Bureau DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. Station	D E P T H S	B L O W S	U C S Qu	M O I S T	Surface Water Elev. _____ ft	D E P T H	B L O W S	U C S Qu	M O I S T
	(ft)	(/6")	(tsf)	(%)	Stream Bed Elev. _____ ft	(ft)	(/6")	(tsf)	(%)
006-2537 57+42.55							1		
							2	1.5	20
							3	P	
	599.04						4		
		3					4	2.4	14
		2	1.5	12			5	B	
		2	P				3		
	-5						5	2.4	14
		2	1.3	12			6	B	
		2	P				5		
		1					7	3.7	14
		2	1.0	15			9	B	
		2	P				7		
	-10						9		
		1					10		
		2	0.5	16			12	3.9	15
		2	P				7	B	
	589.54						10		
		WH					10	4.2	15
		1	0.3	20			7	B	
		1	P						
	-15								
		WH							
		WH	0.3	21					
		1	P						
	584.54								
		1							
		1	1.0	35					
		2	P						
	581.54								
	-20								

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, form 137 (Rev. 8-99)



SOIL BORING LOG

ROUTE FAS 1252 (IL 29) DESCRIPTION IL 29 over a Stream, 0.2 miles West of Depue Road LOGGED BY Larry Myers

SECTION (24) CR-1 LOCATION NE 1/4, SEC. 34, TWP. 16N, RNG. 10E, 4th PM, Latitude 41.33134, Longitude -89.31864

COUNTY Bureau DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. Station	D E P T H S	B L O W S	U C S Qu	M O I S T	Surface Water Elev. _____ ft	D E P T H	B L O W S	U C S Qu	M O I S T
	(ft)	(/6")	(tsf)	(%)	Stream Bed Elev. _____ ft	(ft)	(/6")	(tsf)	(%)
006-2537 57+42.55									
	603.19								
		9							
		6	3.5	11					
		4	P						
		6	3.7	12					
		9	S						
	-5								
		2							
		1	2.0	15					
		2	P						
		1							
		2	2.0	15					
		3	P						
	596.69								
		2							
		3	1.5	20					
		4	P						
	593.69								
		3							
		5	3.6	13					
		5	B						
	591.19								
		5							
		6	4.2	13					
		8	S						
	-15								
		3							
		5	3.0	18					
		7	P						
	569.19								
	588.69								
		4							
		5	3.7	13					
		7	B						
	-20								

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, form 137 (Rev. 8-99)

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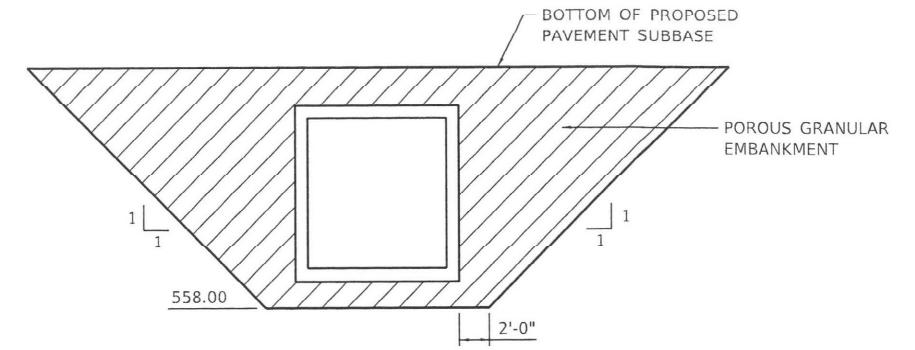
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: SHEET 6 OF 6 SHEETS STA. TO STA.

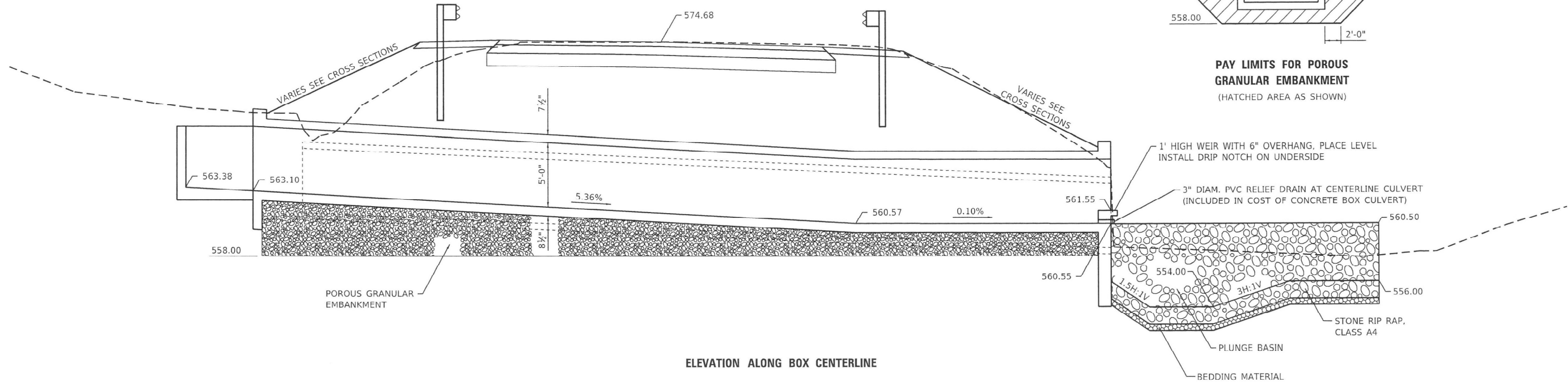
SOIL BORING LOG
SN 006-2622 STA. 57 + 43.00

F.A.S. RTE. 1252	SECTION (R-4)CR	COUNTY BUREAU	TOTAL SHEETS 100	SHEET NO. 48
		CONTRACT NO. 66F91		
		ILLINOIS FED. AID PROJECT		

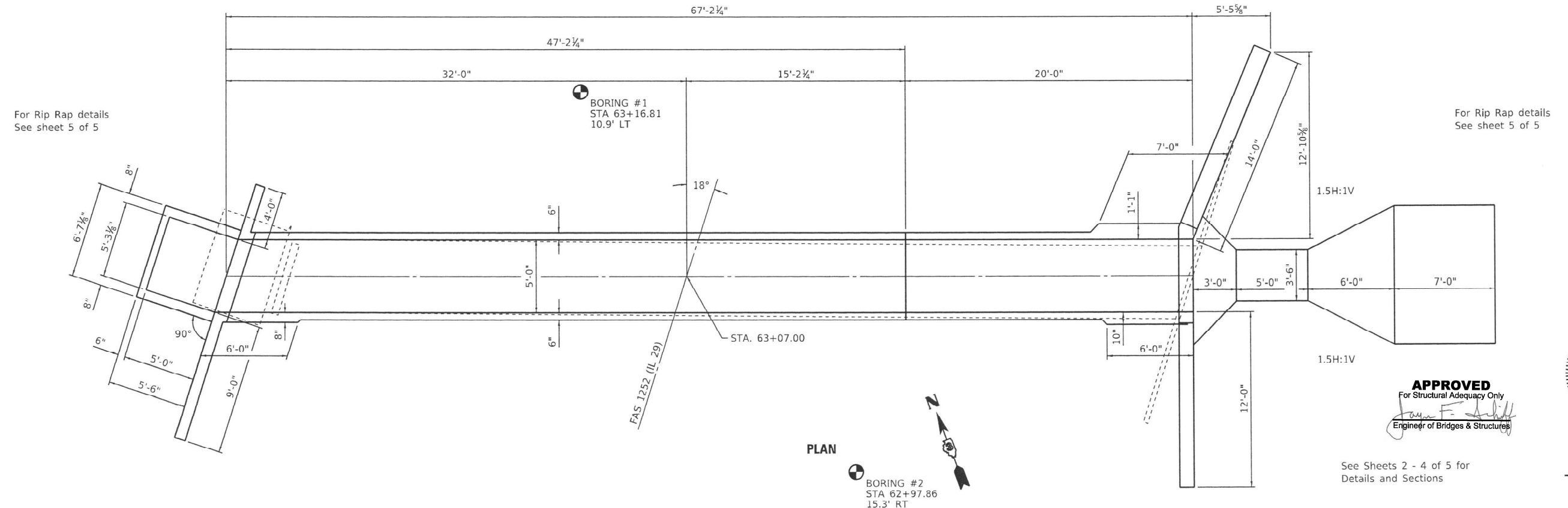
EXIST. STRUCTURE: SN 006-2623 BUILT AS PROJECT 7, SECTION R-4 IN 1924.
STRUCTURE CONSISTS OF A 5'X4' REINFORCED
CONCRETE BOX CULVERT 63' LONG.



PAY LIMITS FOR POROUS GRANULAR EMBANKMENT
(HATCHED AREA AS SHOWN)



ELEVATION ALONG BOX CENTERLINE



PLAN

APPROVED
For Structural Adequacy Only
James K. Clinard
Engineer of Bridges & Structures

4/14/22
DATE
JAMES K. CLINARD
LICENSED STRUCTURAL ENGINEER
NO. 081-004655
STATE OF ILLINOIS
expires 11-30-2022
James K. Clinard
Signature
PROFESSIONAL DESIGN FIRM
LICENSE NO. 184-001717

See Sheets 2 - 4 of 5 for
Details and Sections

For Rip Rap details
See sheet 5 of 5

For Rip Rap details
See sheet 5 of 5

MODEL: Default
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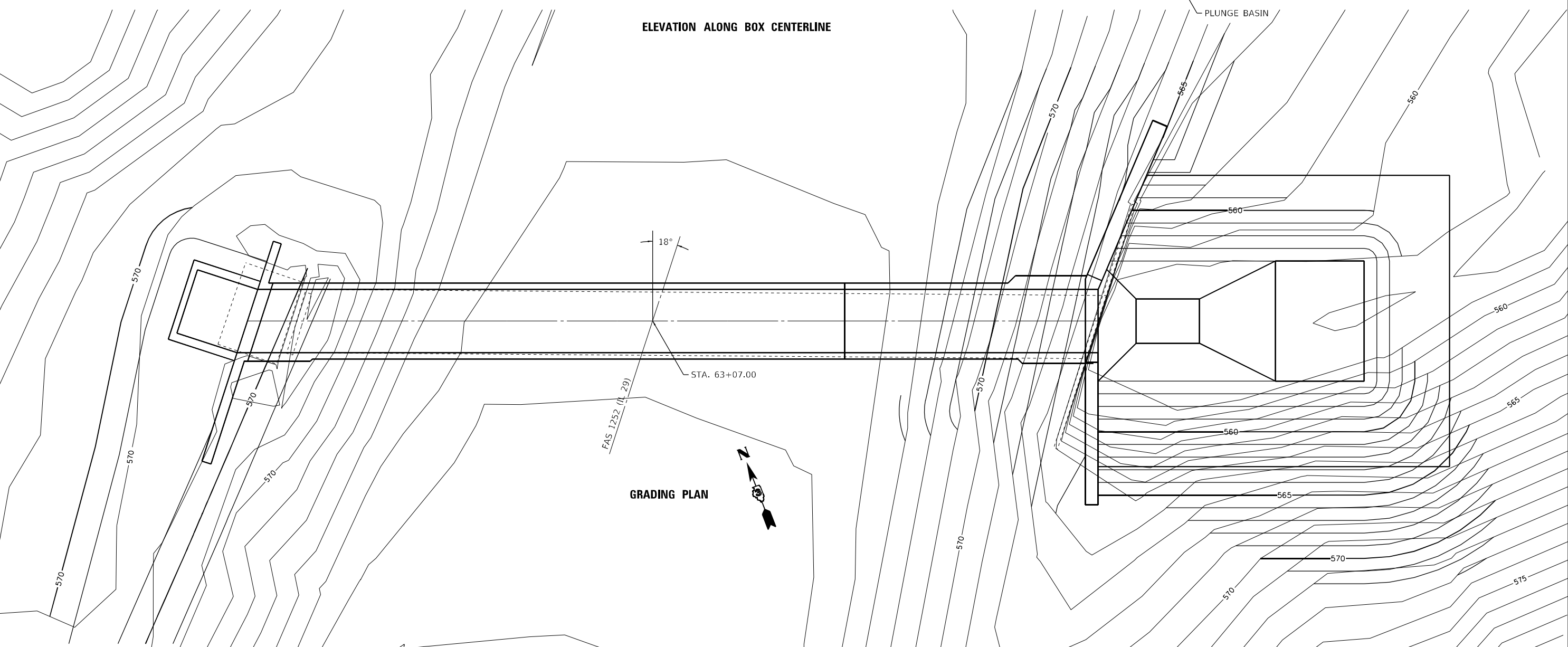
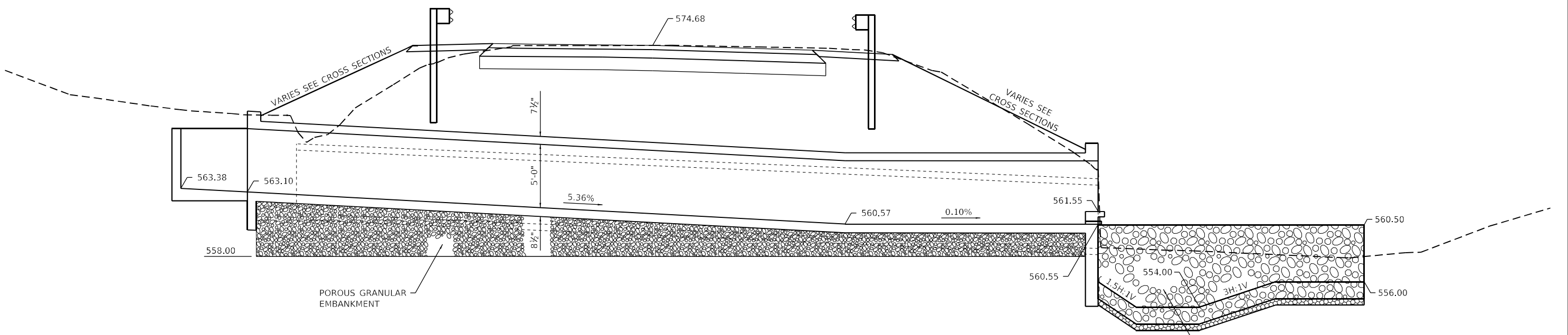
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PLOT DATE =	CHECKED - JKC	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE:	SHEET 1	OF 6 SHEETS	STA.	TO STA.
			SN 006-2623	
			STA. 63+07.00	

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1252	(R-4)CR	BUREAU	100	49
			CONTRACT NO. 66F91	
ILLINOIS FED. AID PROJECT				

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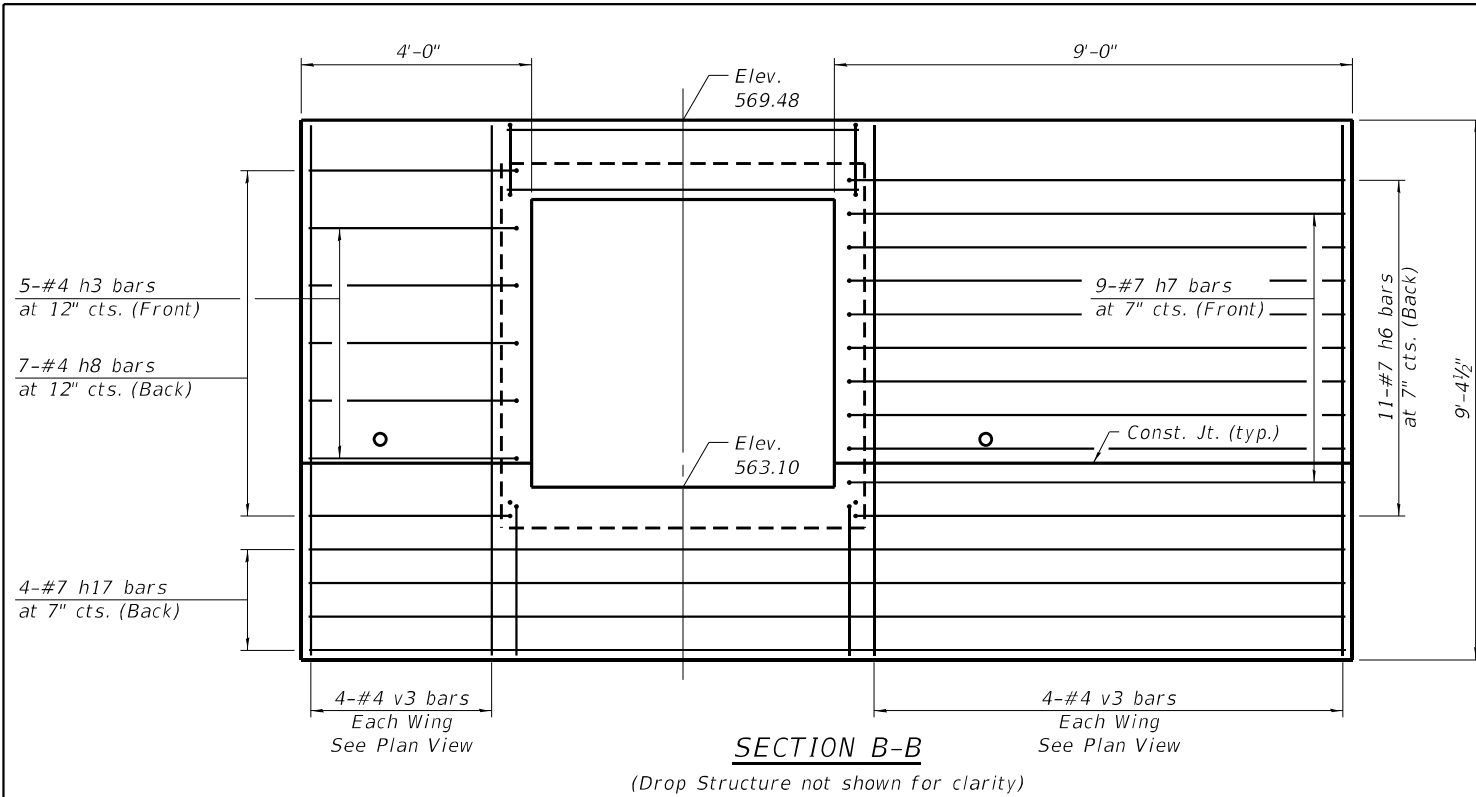


USER NAME = CHAMLIN	DESIGNED - JKC	REVISED -
	DRAWN - LAG	REVISED -
PLOT SCALE =	CHECKED - JKC	REVISED -
PLOT DATE =	DATE -	REVISED -

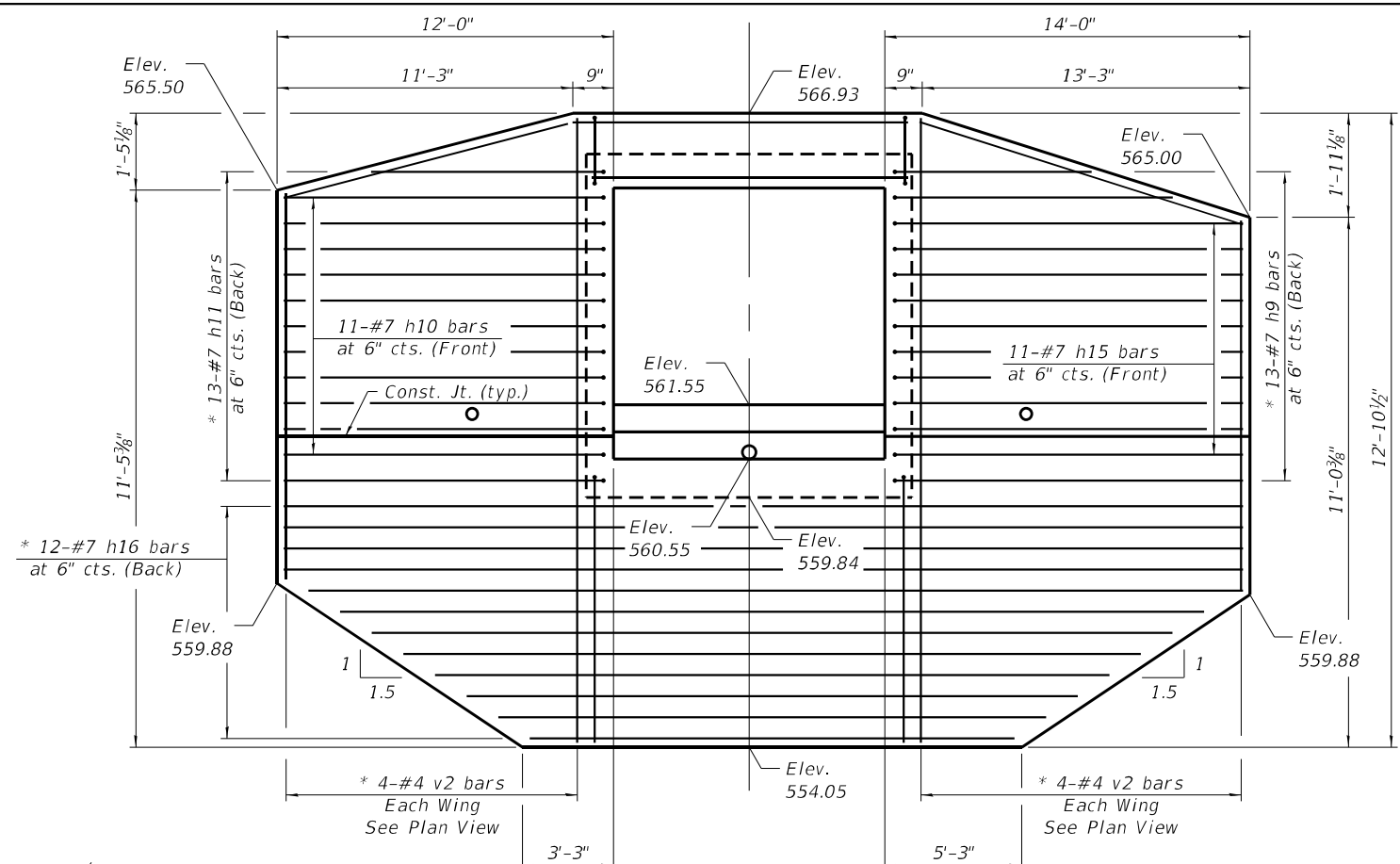
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SN 006-2623	
STA. 63 + 07.00	
SCALE:	SHEET 1 OF 6 SHEETS STA. TO STA.

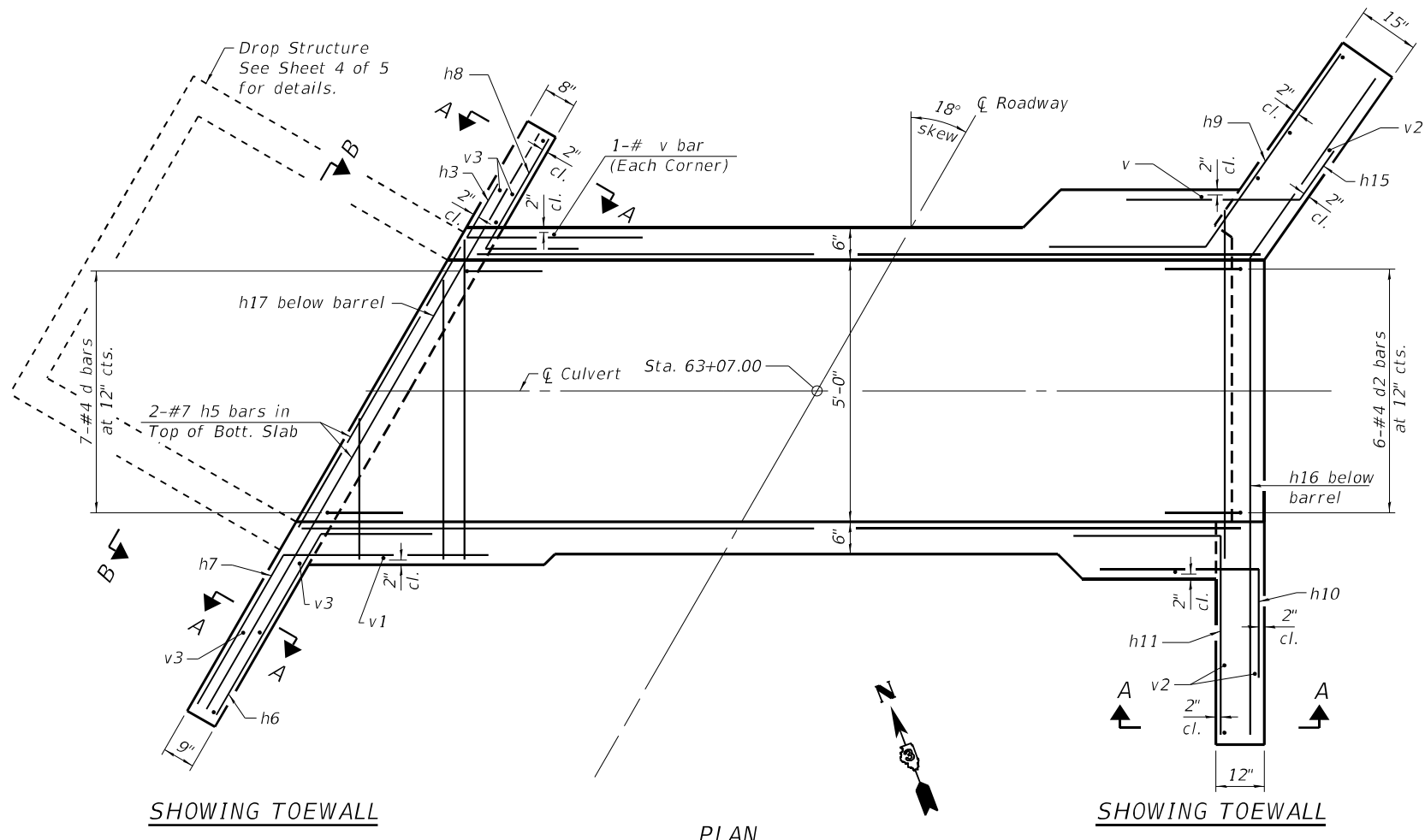
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CONTRACT NO. 66F91				
ILLINOIS FED. AID PROJECT				



SECTION B-B
(Drop Structure not shown for clarity)



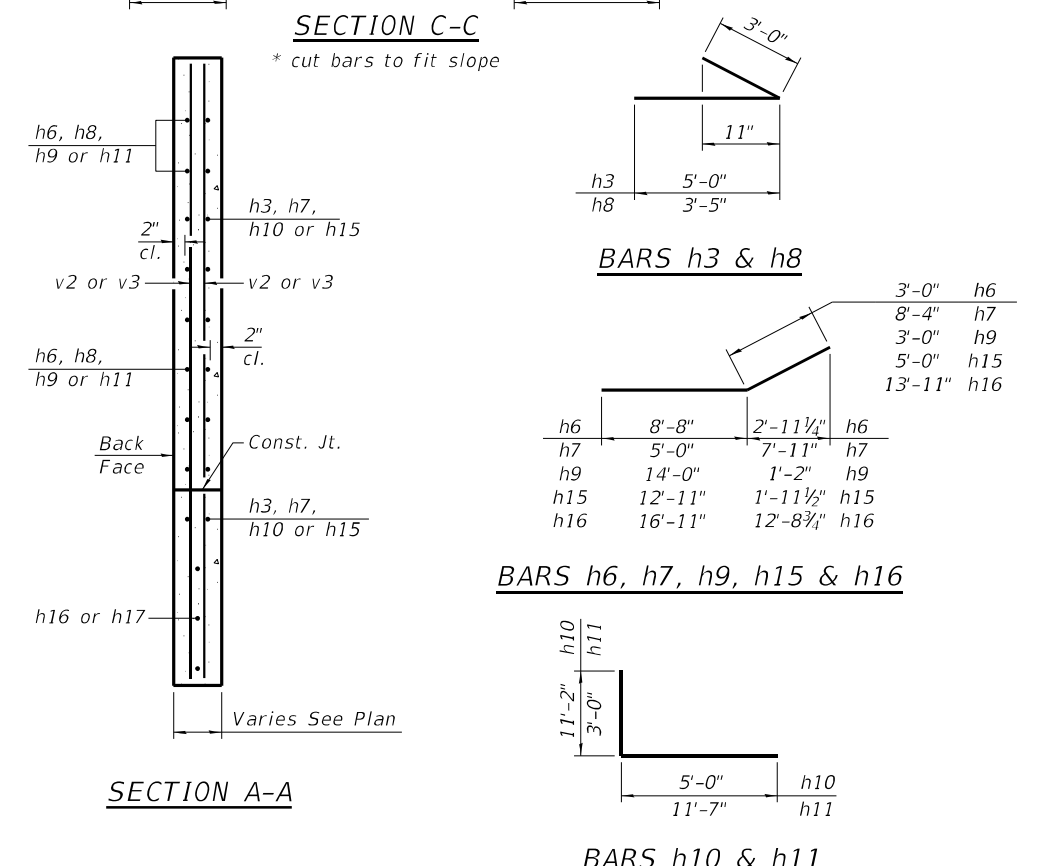
SECTION C-C
* cut bars to fit slope



SHOWING TOEWALL

PLAN

SHOWING TOEWALL



SECTION A-A

BARS h3 & h8

BARS h6, h7, h9, h15 & h16

BARS h10 & h11

Notes:
A distance of half the length of the wingwall but not less than six feet of the barrel shall be poured monolithically with the wingwalls.

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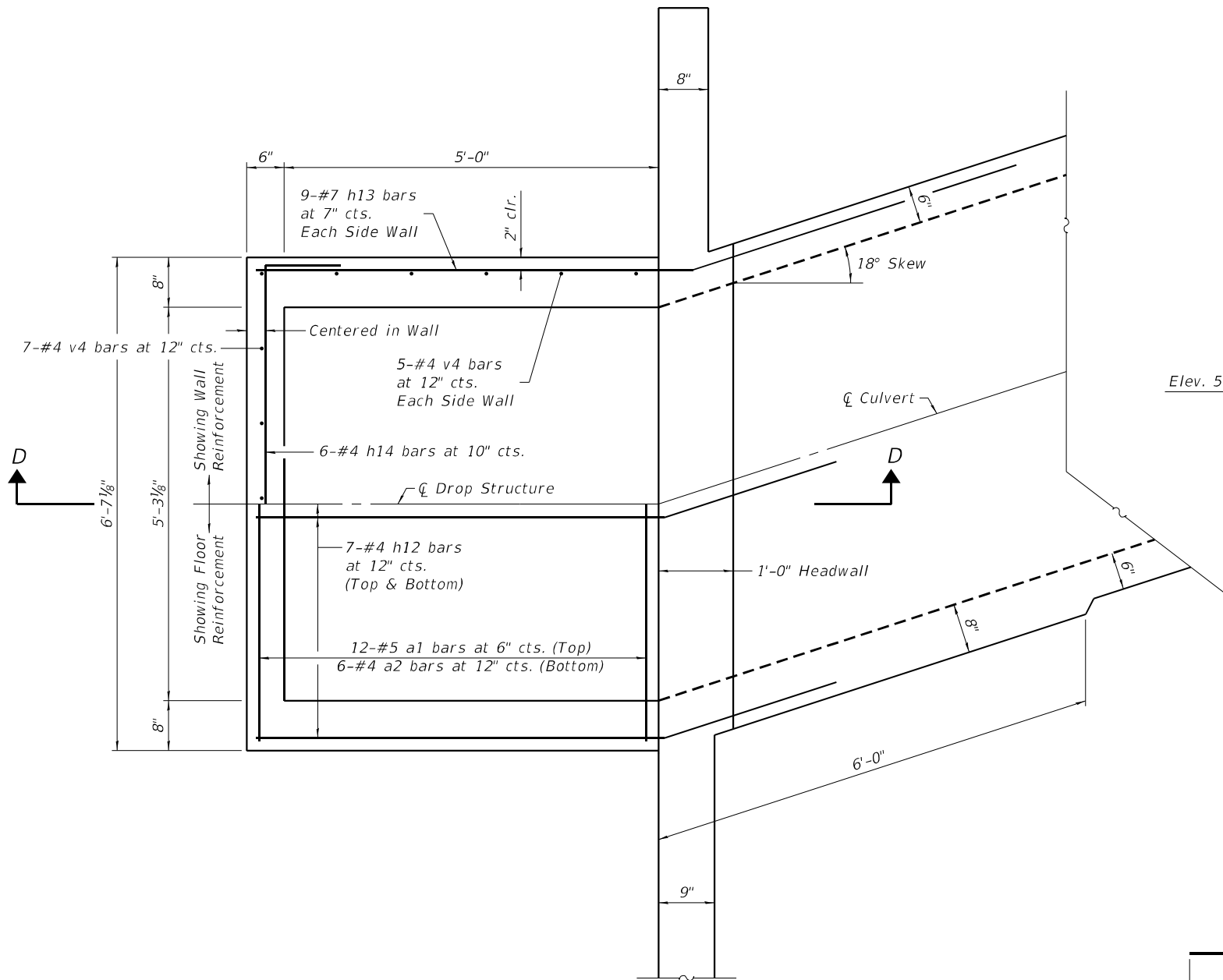
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

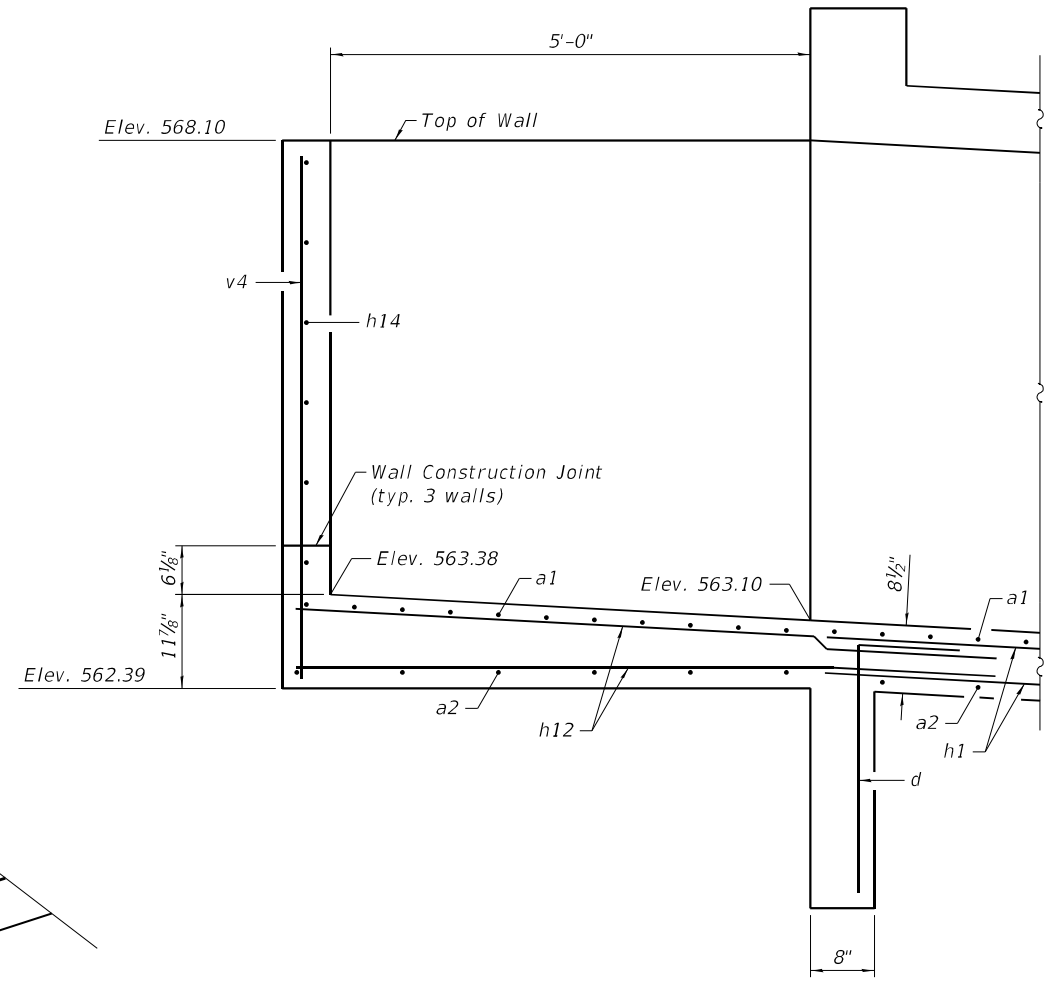
CULVERT DETAILS		
SN 006-2623 STA. 63+07.00		
SCALE:	SHEET 3 OF 6 SHEETS	STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1252	(R-4)CR	BUREAU	100	51
CONTRACT NO. 66F91				
ILLINOIS FED. AID PROJECT				

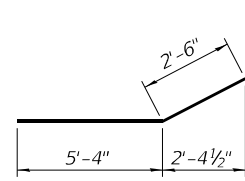
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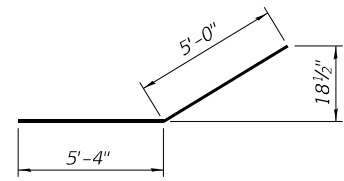
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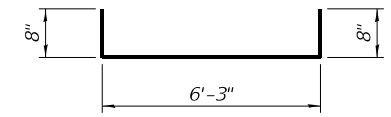
SECTION D-D



BAR h12



BAR h13



BAR h14



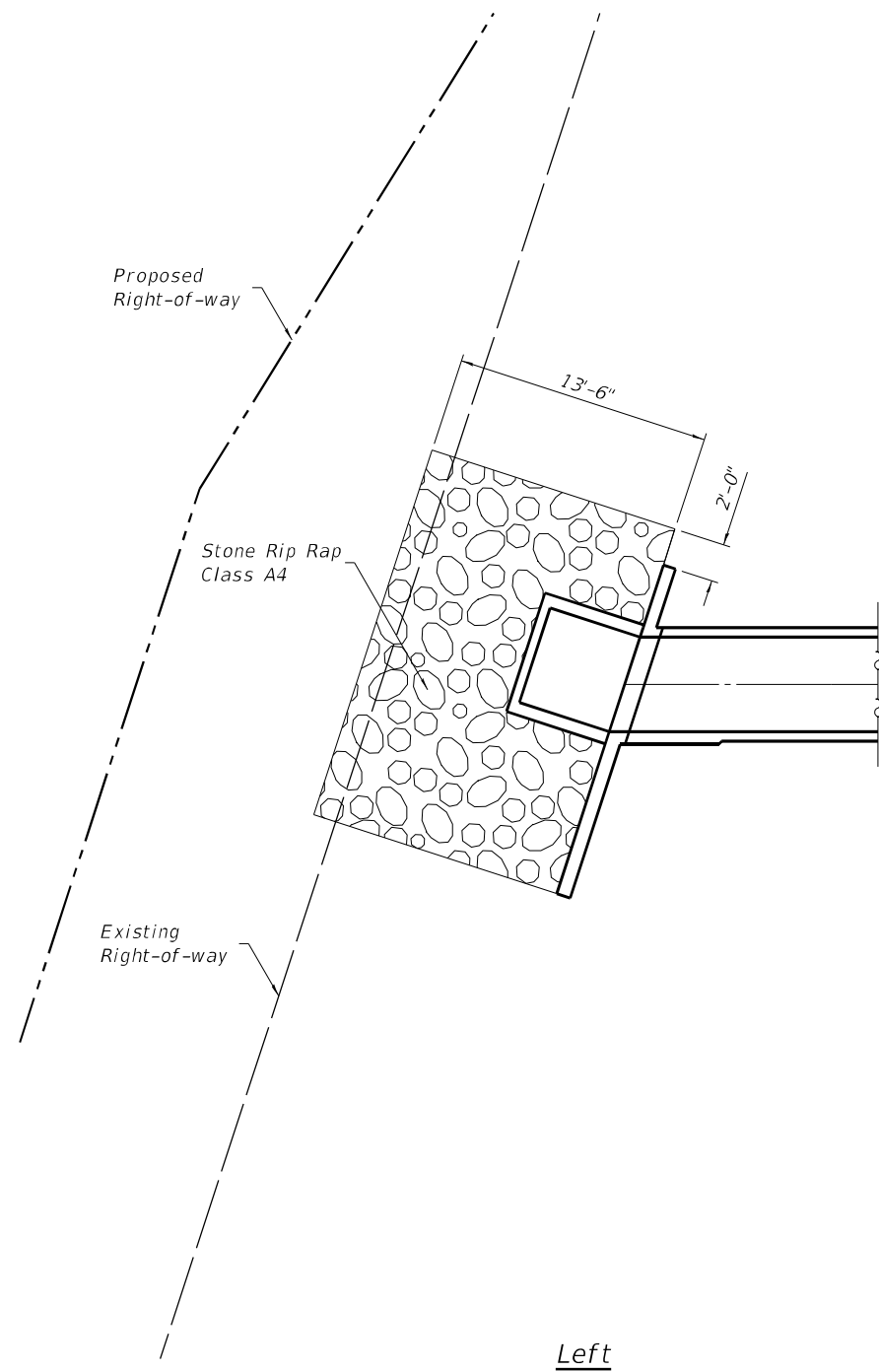
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	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CULVERT DETAILS			
SN 006-2623 STA. 63+07.00			
SCALE:	SHEET 4	OF 6 SHEETS	STA. TO STA.

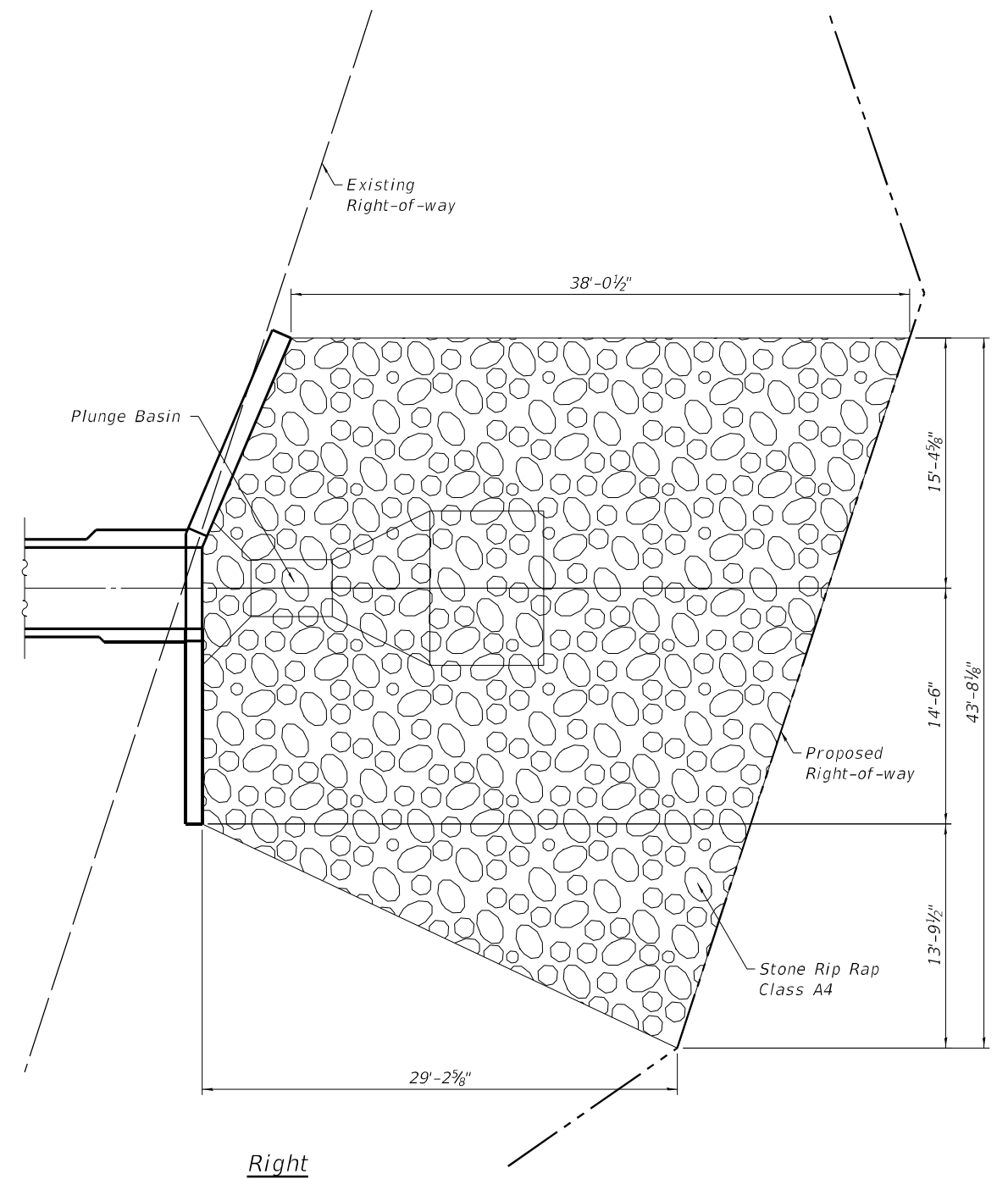
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1252	(R-4)CR	BUREAU	100	52
CONTRACT NO. 66F91				
ILLINOIS FED. AID PROJECT				

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FAS 1252 (IL 29)

STA. 63+07.00



RIPRAP DETAIL



USER NAME = CHAMLIN	DESIGNED - JKC	REVISED -
	DRAWN - LAG	REVISED -
PLOT SCALE =	CHECKED - JKC	REVISED -
PLOT DATE =	DATE -	REVISED -

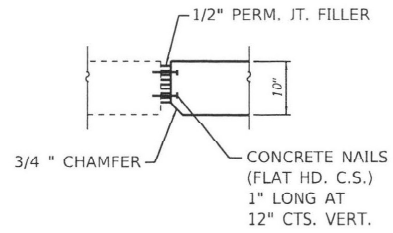
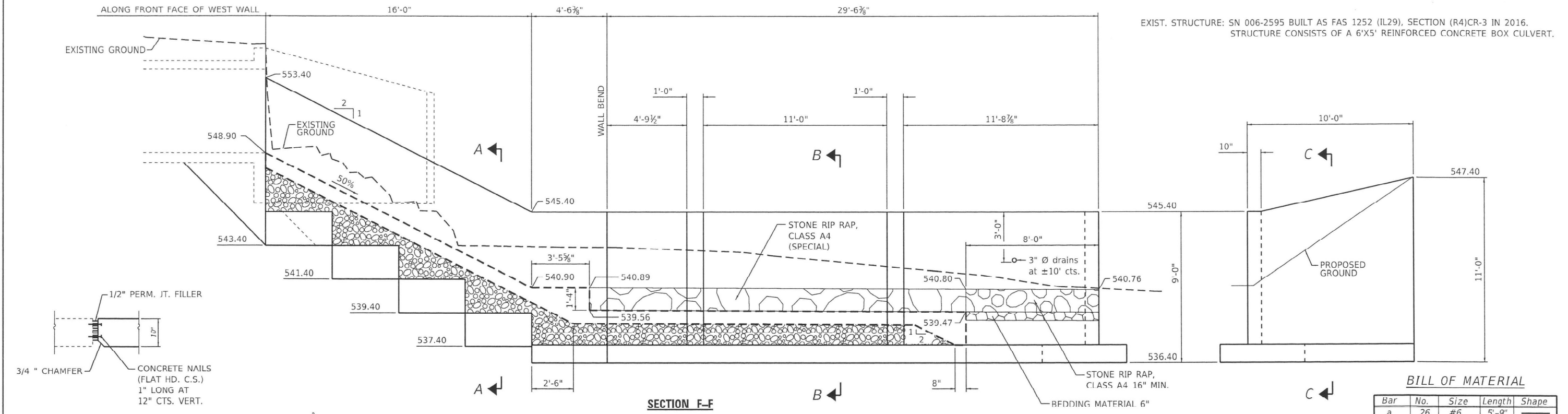
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SN 006-2623
 STA. 63 + 07.00**

SCALE: SHEET 5 OF 6 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1252	(R-4)CR	BUREAU	100	53
CONTRACT NO. 66F91				
ILLINOIS FED. AID PROJECT				

EXIST. STRUCTURE: SN 006-2595 BUILT AS FAS 1252 (IL29), SECTION (R4)CR-3 IN 2016.
STRUCTURE CONSISTS OF A 6'X5' REINFORCED CONCRETE BOX CULVERT.



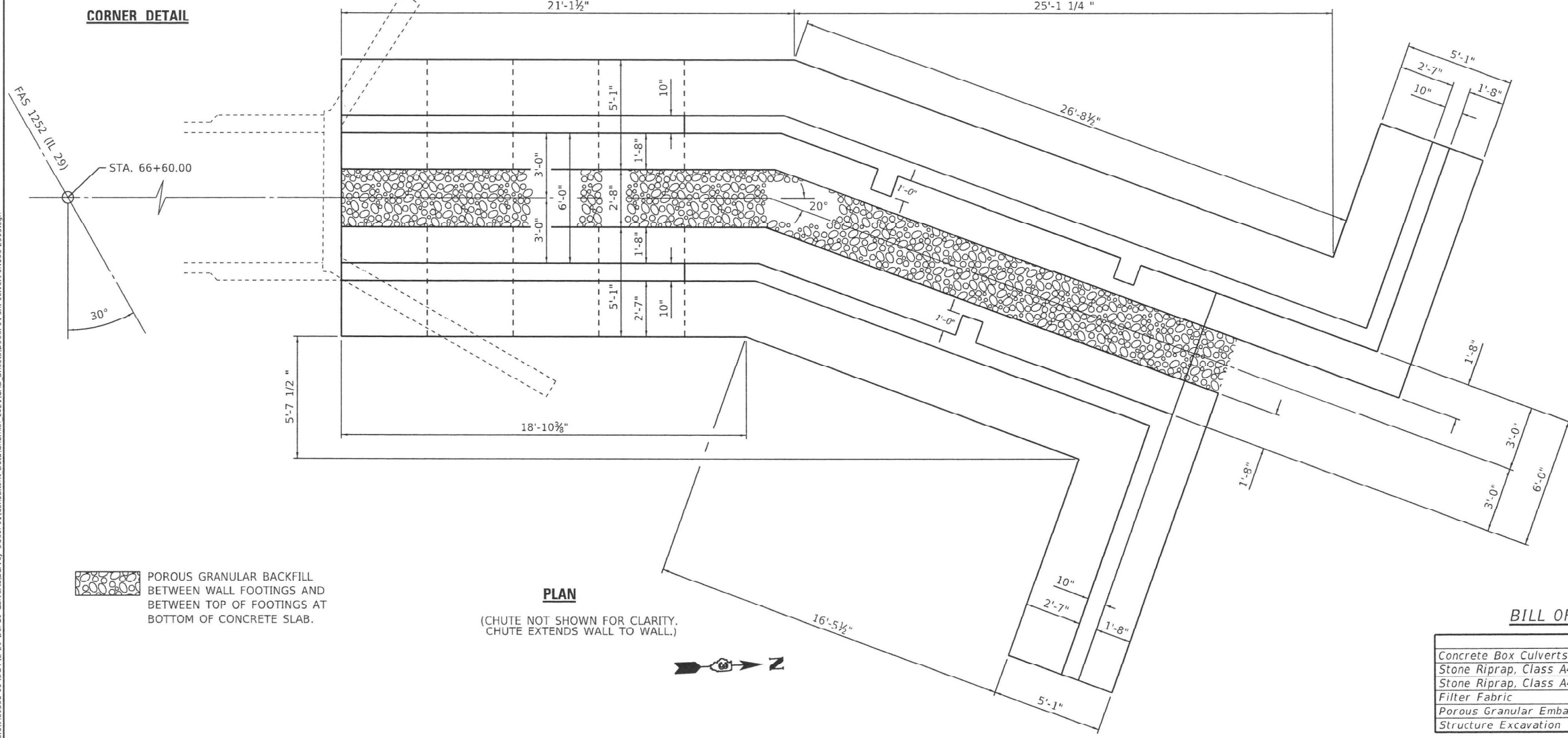
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a	26	#6	5'-9"	
b	3	#6	21'-6"	
b1	6	#6	6'-0"	
b2	3	#6	24'-5"	
d	4	#6	2'-3"	
d1	3	#6	2'-3"	
h	12	#4	29'-3"	
h1	24	#4	4'-0"	
h2	24	#4	4'-0"	
h3	12	#4	9'-9"	
h4	2	#4	2'-11"	
h5	2	#4	9'-4"	
h6	4	#4	4'-3"	
h7	4	#4	8'-3"	
h8	4	#4	12'-3"	
h9	4	#4	16'-3"	
h10	4	#4	15'-1"	
h11	4	#4	12'-1"	
h12	4	#4	9'-1"	
h13	4	#4	6'-1"	
h14	4	#4	3'-1"	
h15	4	#4	17'-8"	
h16	2	#4	6'-1"	
h17	2	#4	12'-9"	
h18	2	#4	3'-4"	
h19	2	#4	7'-11"	
h20	12	#4	12'-9"	
h21	12	#4	20'-2"	
h22	4	#4	3'-2"	
h23	4	#4	7'-2"	
h24	4	#4	11'-2"	
h25	4	#4	15'-2"	
h26	2	#4	5'-0"	
n(E)	48	#4	4'-10"	
n1(E)	120	#4	3'-11"	
u	18	#4	4'-8"	
t	222	#4	4'-10"	
v	48	#4	13'-9"	
v1	139	#4	7'-9"	
v2	21	#4	9'-8"	
v3	27	#4	11'-7"	
w	80	#4	3'-9"	
w1	10	#4	4'-1"	
w2	20	#4	5'-0"	
w3	10	#4	30'-9"	
w4	10	#4	6'-4"	
w5	10	#4	2'-10"	
w6	10	#4	21'-5"	
w7	10	#4	9'-4"	
Reinforcement Bars		Pound	4700	
Reinforcement Bars, Epoxy Coated		Pound	470	
Concrete Removal		Cu Yd	5	

APPROVED
For Structural Adequacy Only
James K. Clinard
Engineer of Bridges & Structures
4/4/22
date
JAMES K. CLINARD
LICENSED STRUCTURAL ENGINEER
NO. 081-004655
STATE OF ILLINOIS
expires 11-30-2022
James K. Clinard
signature
PROFESSIONAL DESIGN FIRM
LICENSE NO. 184-001717

BILL OF MATERIAL

Concrete Box Culverts	Cu. Yd.	64.7
Stone Riprap, Class A4	Sq. Yd.	46
Stone Riprap, Class A4 (Special)	Sq. Yd.	13
Filter Fabric	Sq. Yd.	46
Porous Granular Embankment	Cu. Yd.	20
Structure Excavation	Cu. Yd.	53



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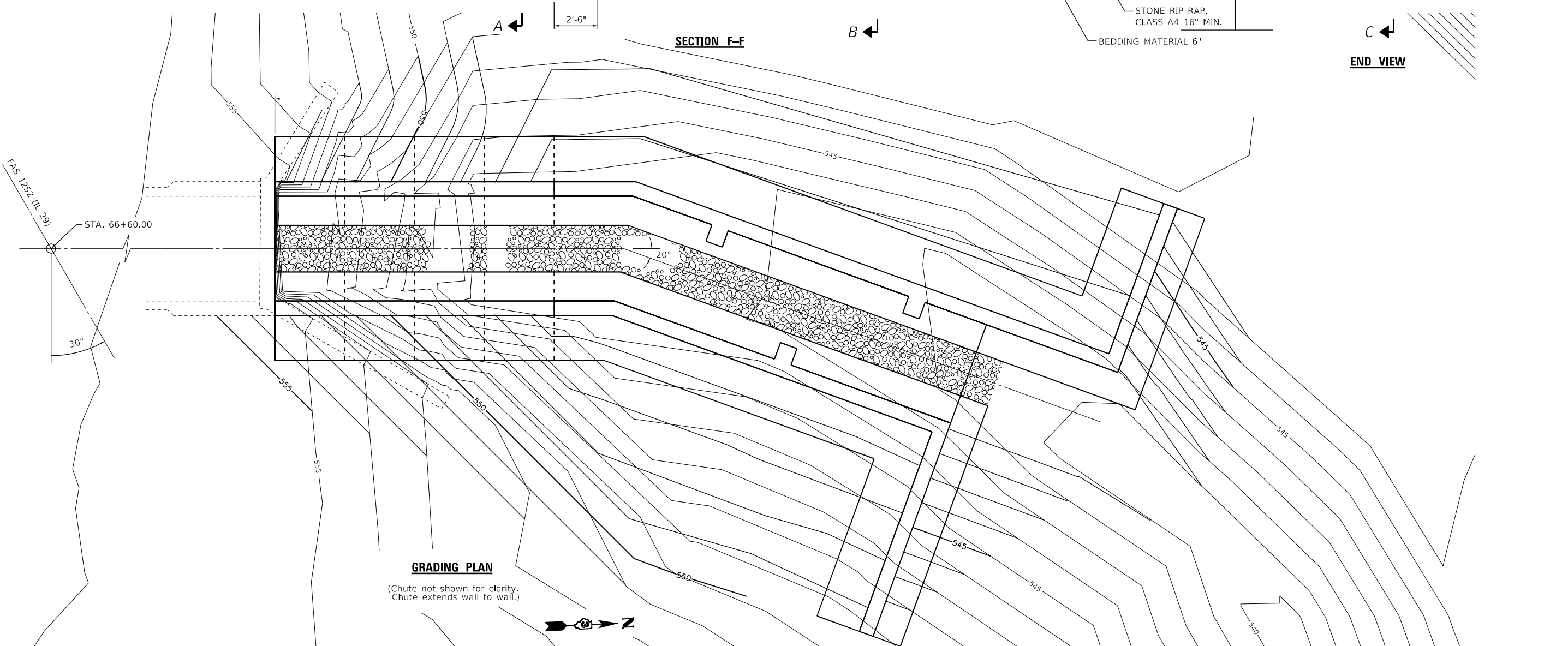
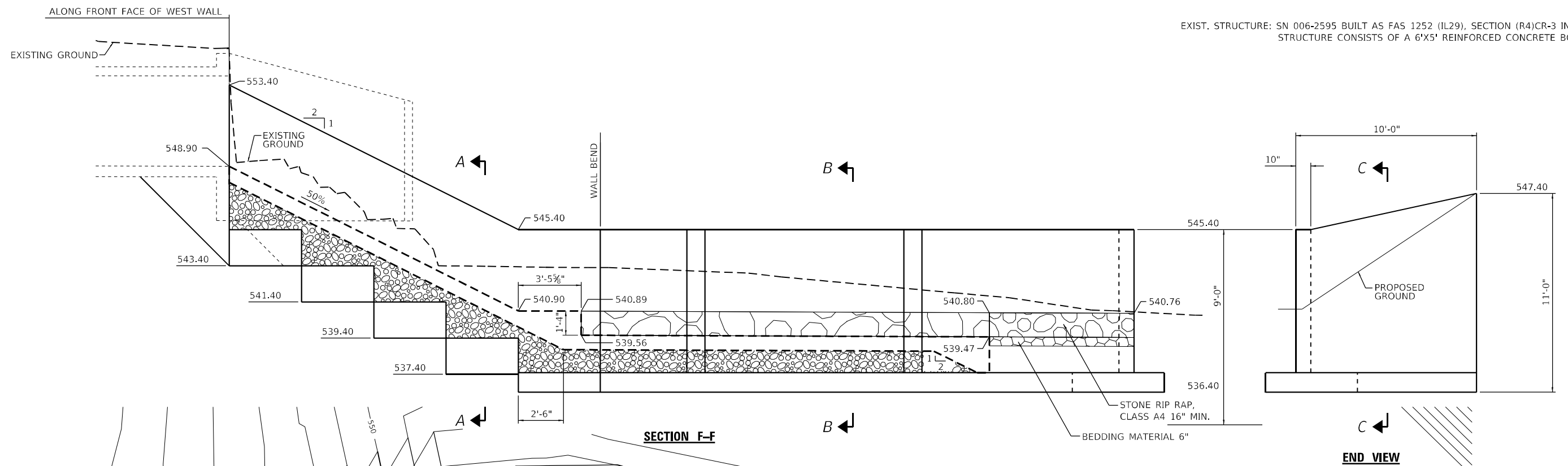
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SN 006-2595
STA. 66 + 60.00**

SCALE: SHEET 1 OF 7 SHEETS STA. TO STA.

F.A.S. RTE. 1252	SECTION (R-4)CR	COUNTY BUREAU	TOTAL SHEETS 100	SHEET NO. 55
ILLINOIS FED. AID PROJECT			CONTRACT NO. 66F91	

EXIST. STRUCTURE: SN 006-2595 BUILT AS FAS 1252 (IL29), SECTION (R4)CR-3 IN 2016.
STRUCTURE CONSISTS OF A 6'X5' REINFORCED CONCRETE BOX CULVERT.



GRADING PLAN
(Chute not shown for clarity.
Chute extends wall to wall.)

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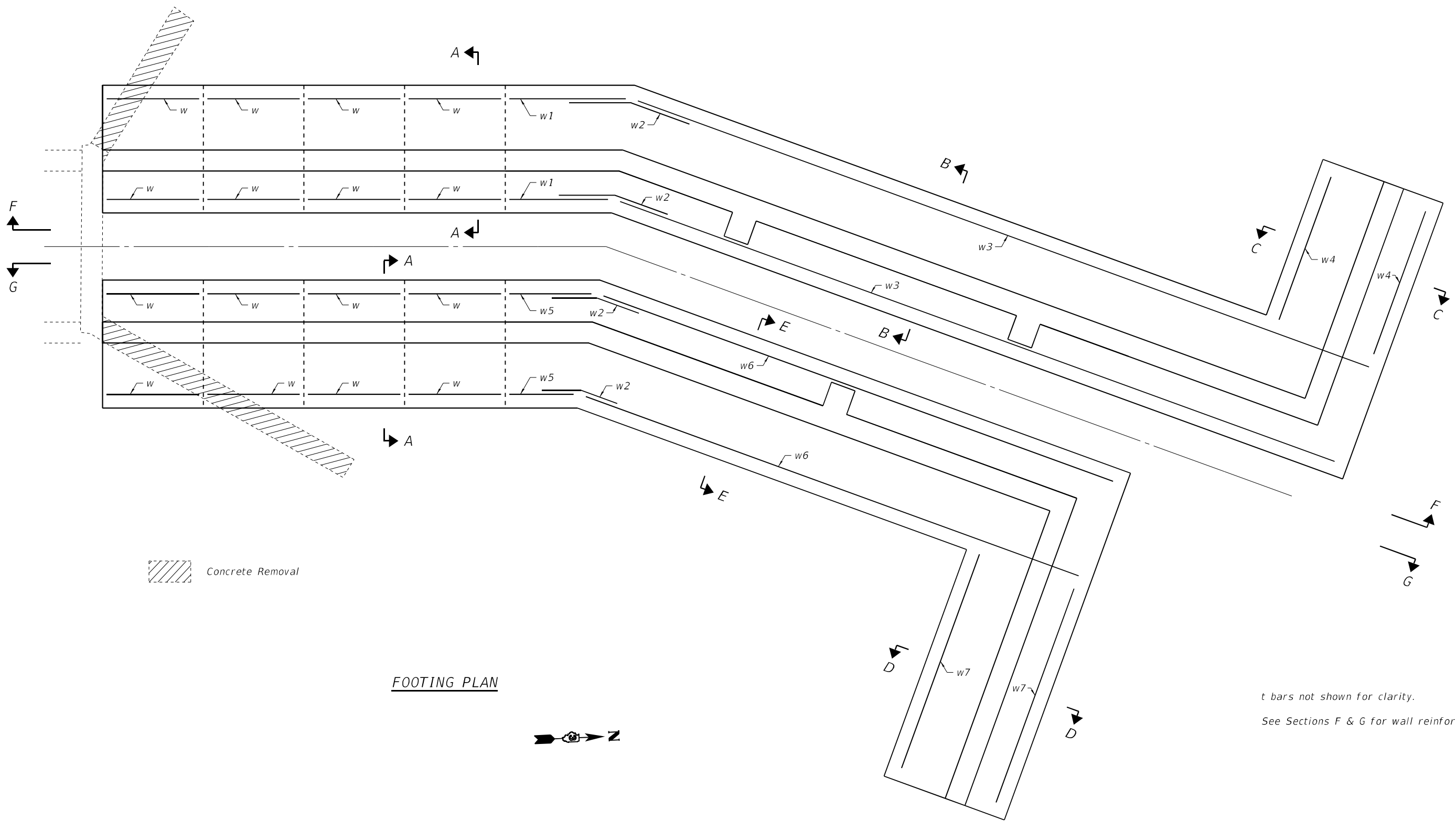
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SN 006-2595
STA. 66 + 60.00**

SCALE: SHEET 1 OF 7 SHEETS STA. TO STA.

F.A.S. RTE. 1252	SECTION (R-4)CR	COUNTY BUREAU	TOTAL SHEETS 100	SHEET NO. 55A
CONTRACT NO. 66F91			ILLINOIS FED. AID PROJECT	

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Concrete Removal

FOOTING PLAN



t bars not shown for clarity.
 See Sections F & G for wall reinforcement.



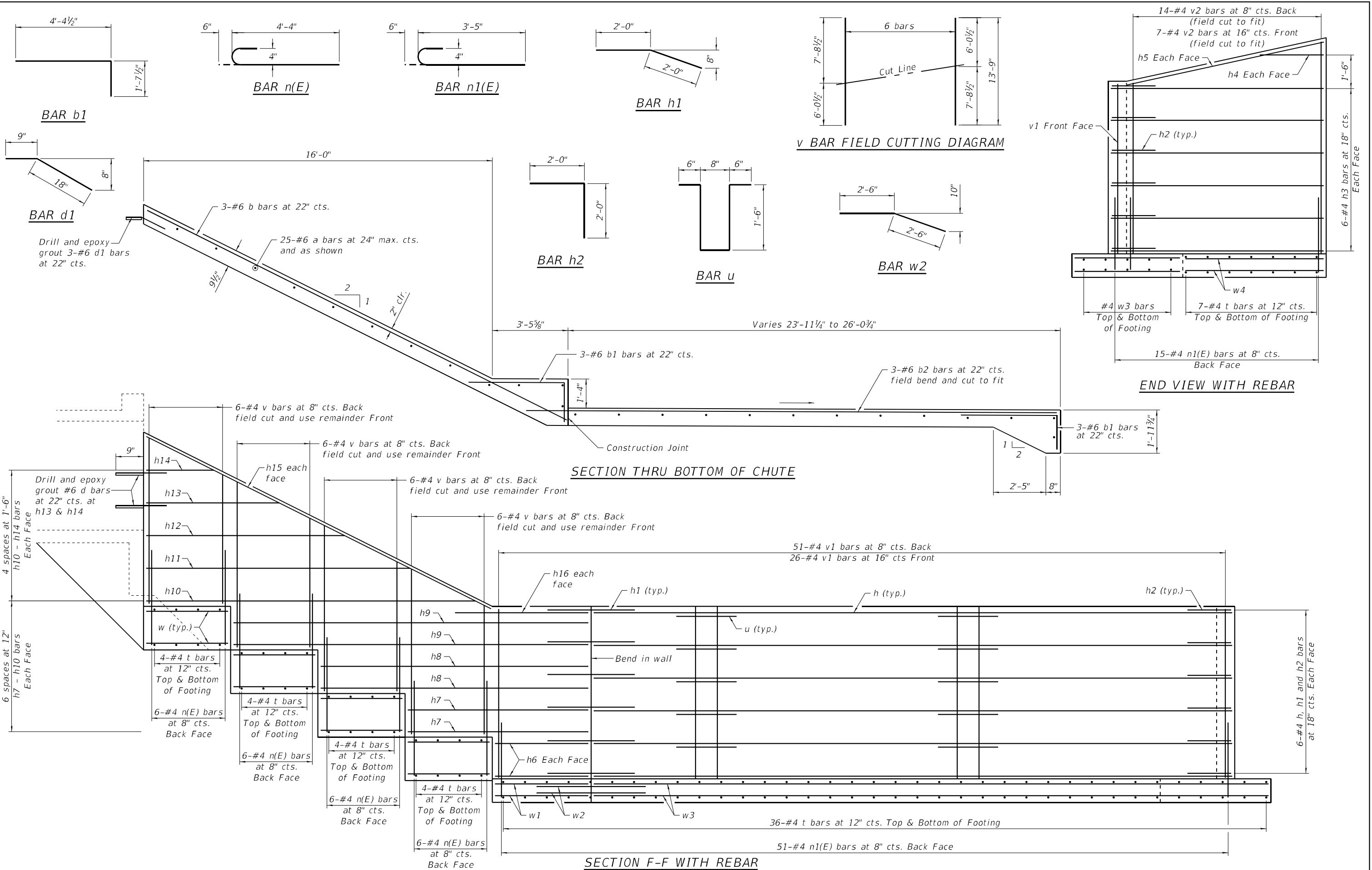
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PLOT DATE = --	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CULVERT DETAILS
SN 006-2595 STA. 66 + 60.00

F.A.S. RTE. 1252	SECTION (R-4)CR	COUNTY BUREAU	TOTAL SHEETS 100	SHEET NO. 56
CONTRACT NO. 66F91				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET 2 OF 7 SHEETS STA. TO STA.



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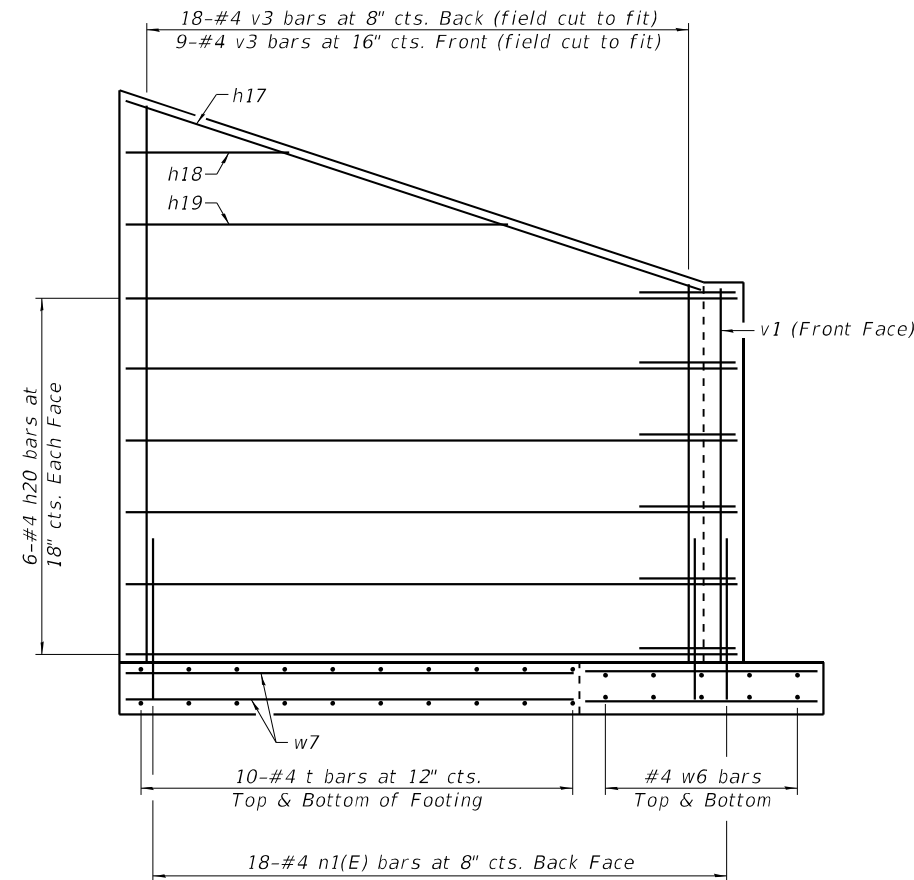
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PLOT DATE =	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

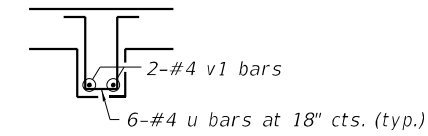
CULVERT DETAILS
SN 006-2595 STA. 66 + 60.00

SCALE: SHEET 4 OF 7 SHEETS STA. TO STA.

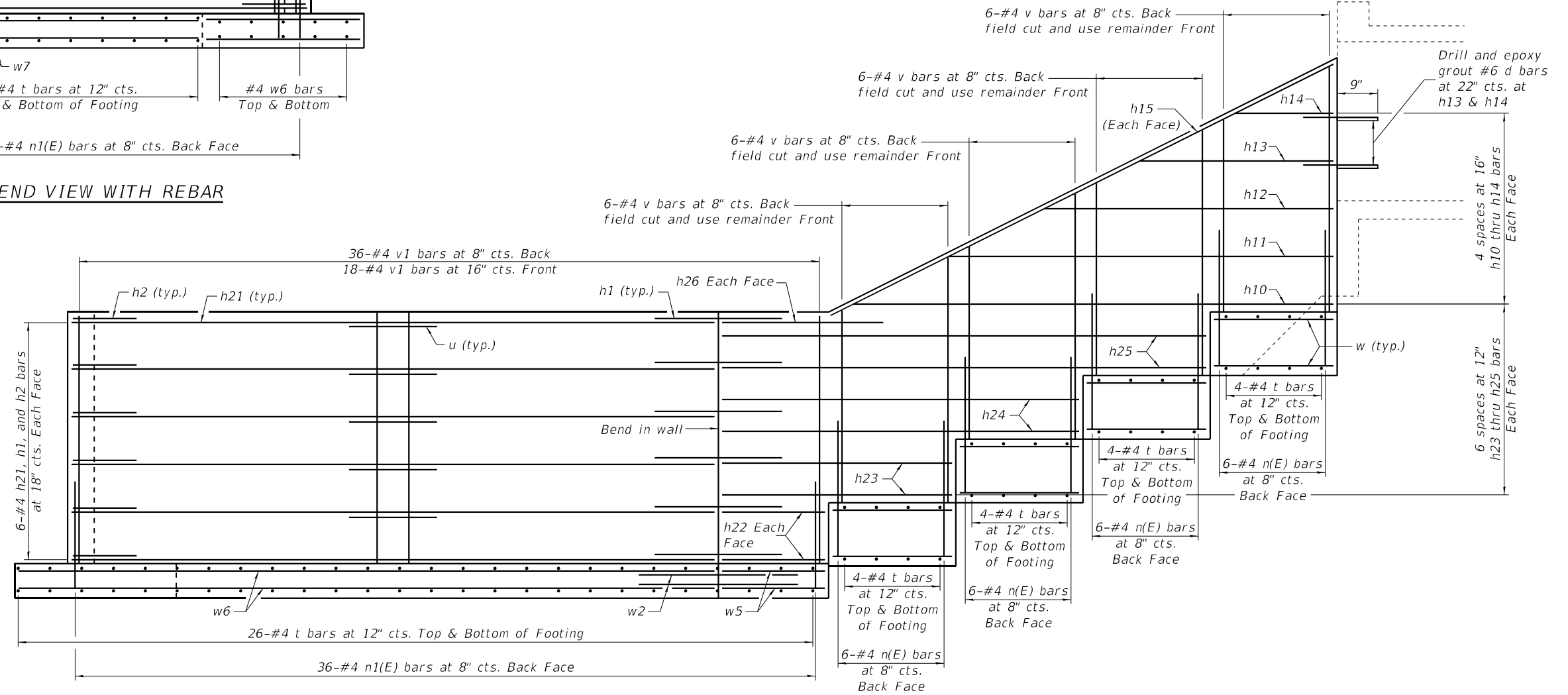
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1252	(R-4)CR	BUREAU	100	58
CONTRACT NO. 66F91				
ILLINOIS FED. AID PROJECT				



END VIEW WITH REBAR



DETAIL "A"
(Wall Bump out Detail)



SECTION G-G WITH REBAR

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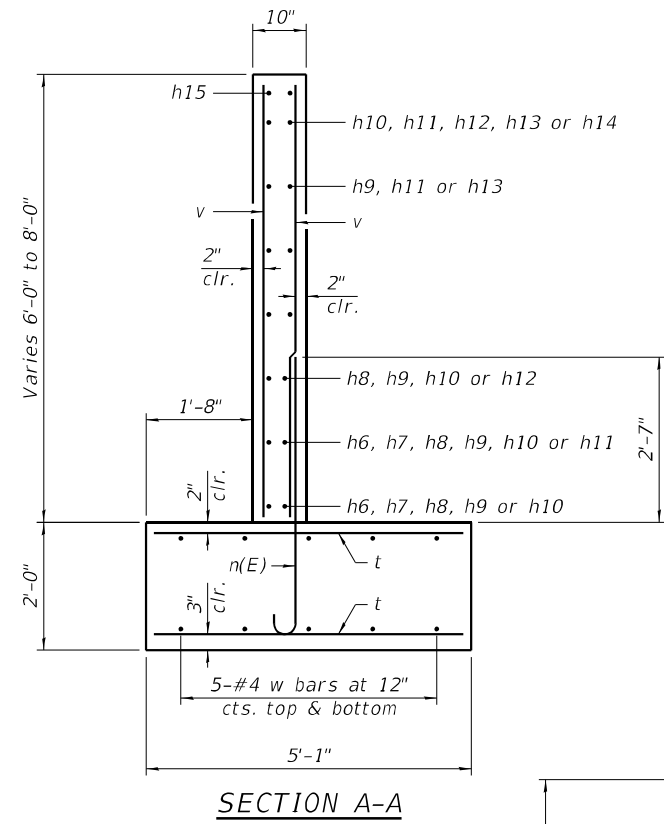


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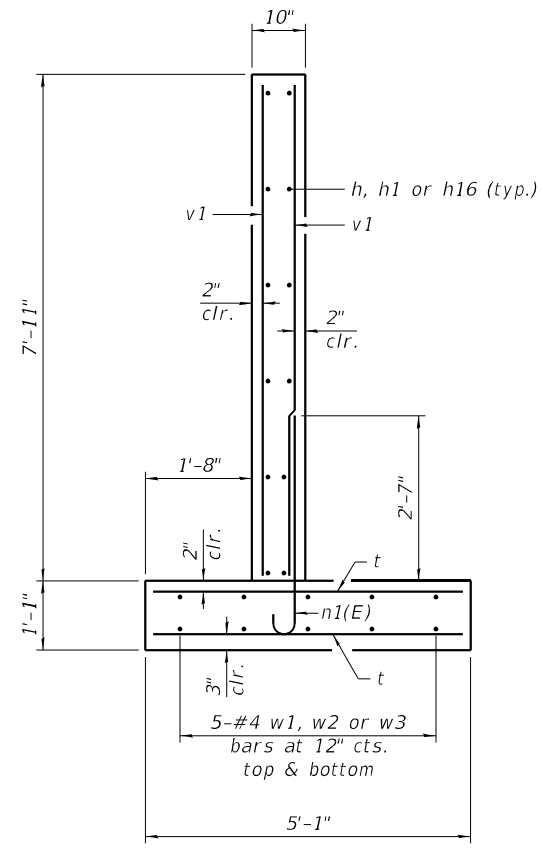
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CULVERT DETAILS			
SN 006-2595 STA. 66 + 60.00			
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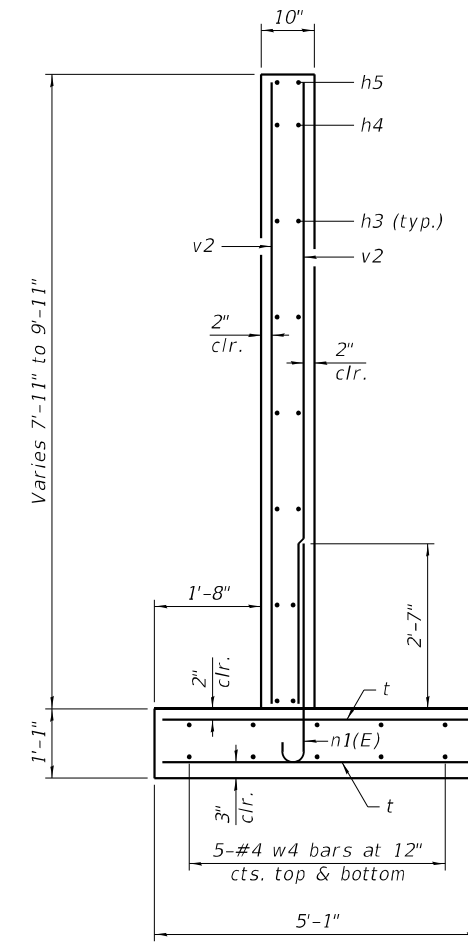
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1252	(R-4)CR	BUREAU	100	59
CONTRACT NO. 66F91				
ILLINOIS FED. AID PROJECT				



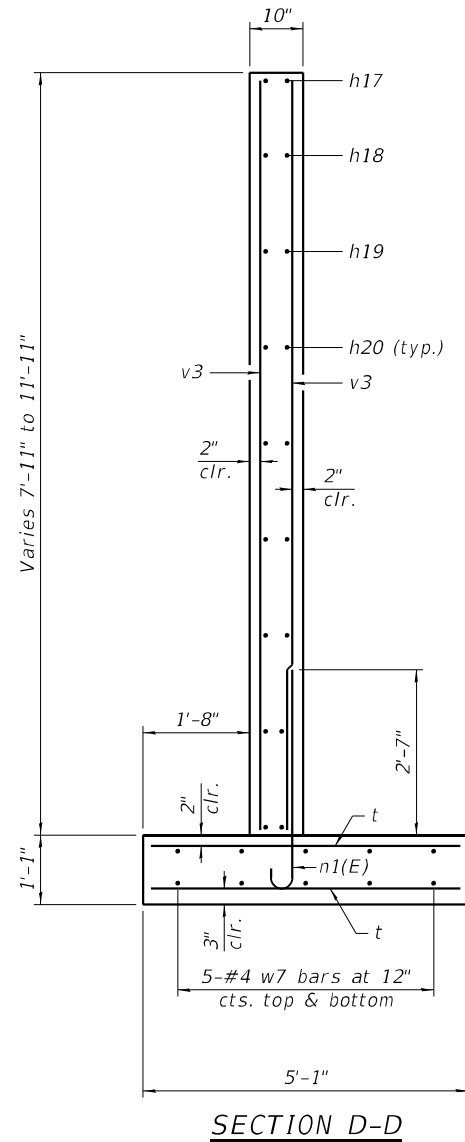
SECTION A-A



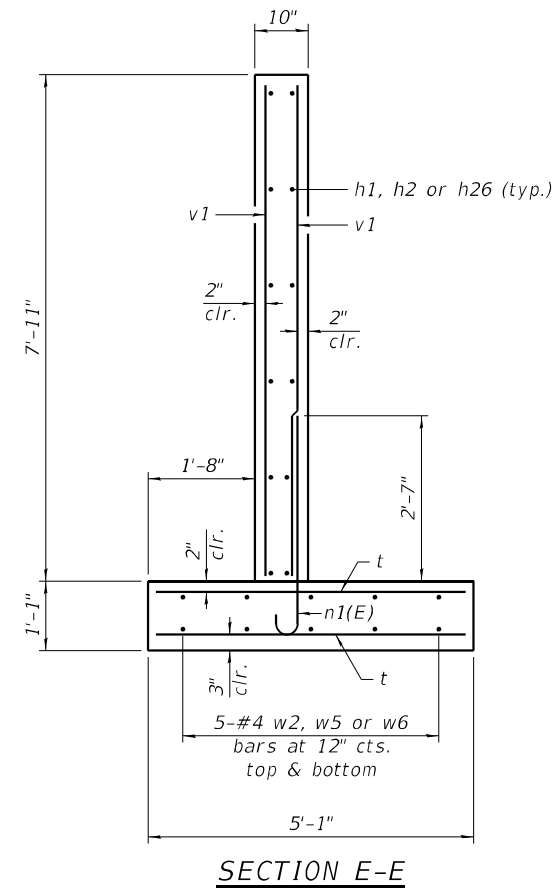
SECTION B-B



SECTION C-C



SECTION D-D



SECTION E-E

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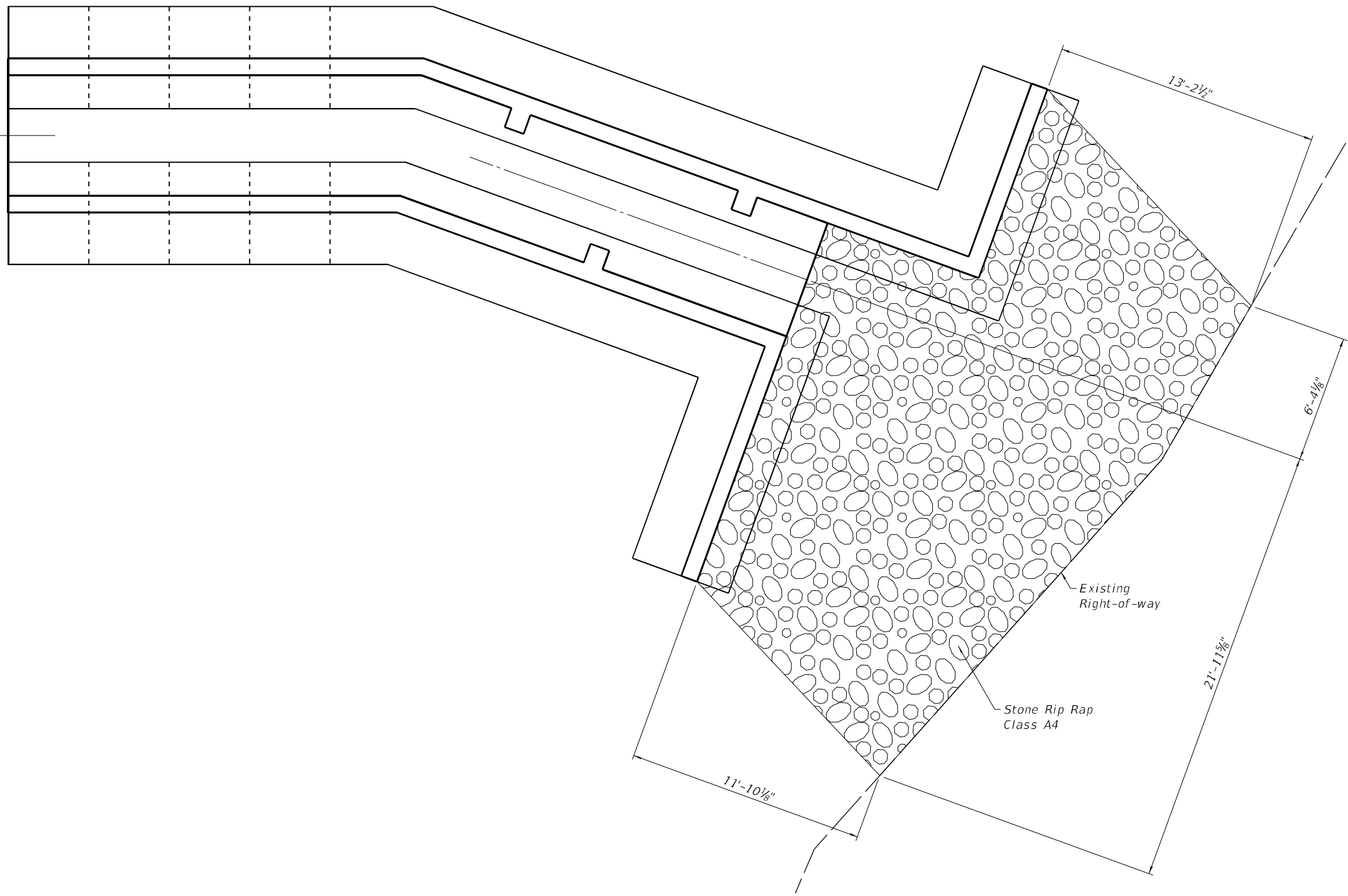
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CULVERT DETAILS
SN 006-2595 STA. 66 + 60.00**

SCALE: SHEET 6 OF 7 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1252	(R-4)CR	BUREAU	100	60
CONTRACT NO. 66F91				
ILLINOIS FED. AID PROJECT				

FAS 1252 (IL 29)
 STA. 66+60.00



RIPRAP DETAIL



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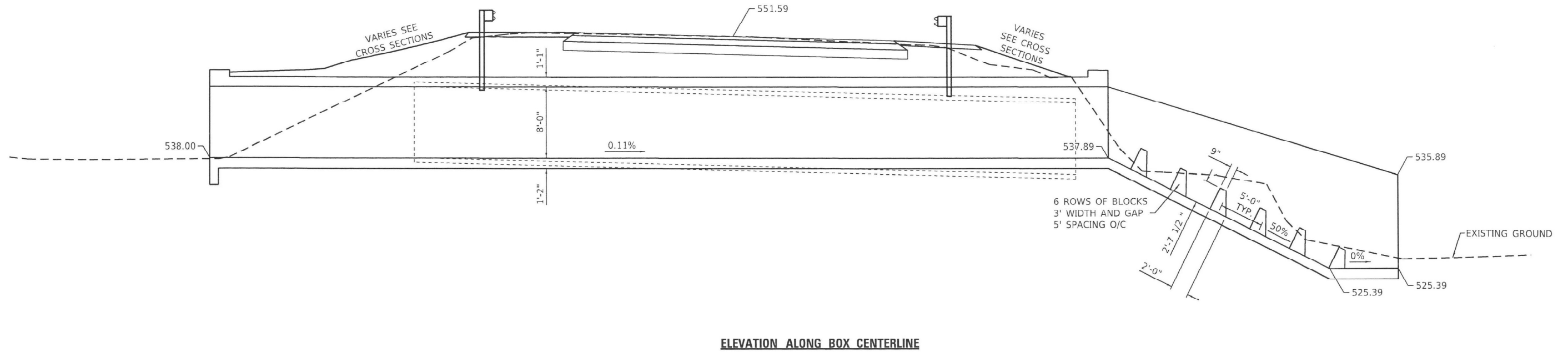
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

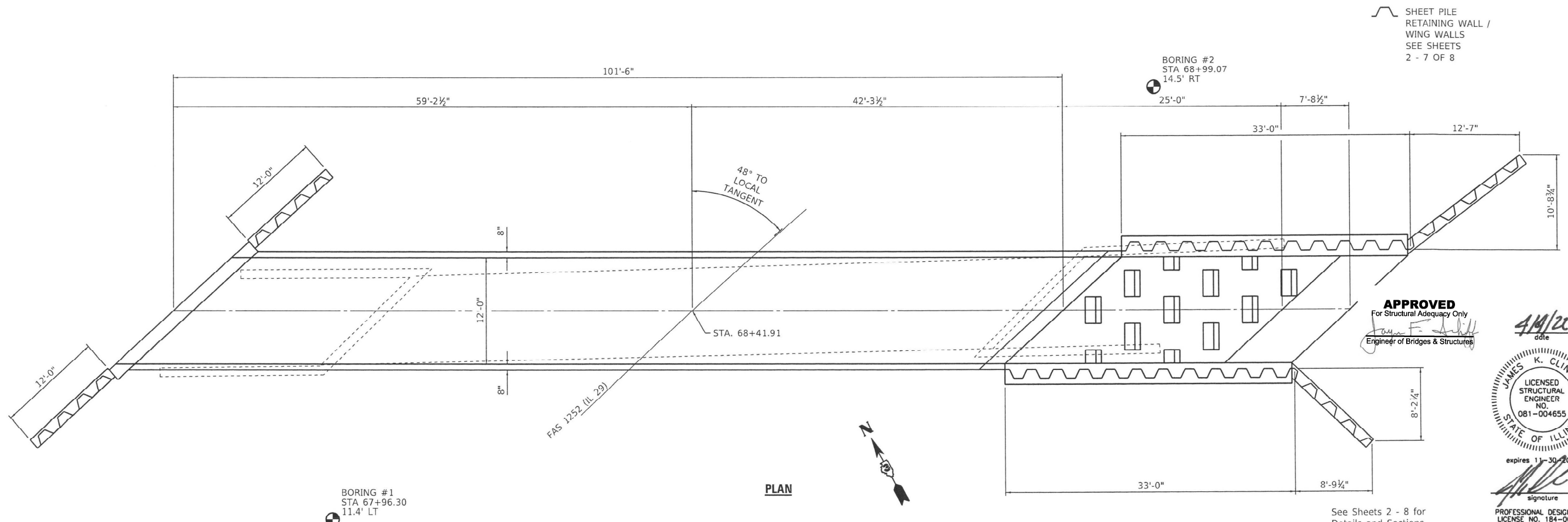
SN 006-2595	
STA. 66 + 60.00	
SCALE:	SHEET 7 OF 7 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1252	(R-4)CR	BUREAU	100	61
CONTRACT NO. 66F91				
ILLINOIS FED. AID PROJECT				

EXIST. STRUCTURE: SN 006-2609 BUILT AS PROJECT 7, SECTION R-4 IN 1974.
STRUCTURE CONSISTS OF A 10'X8' REINFORCED
CONCRETE BOX CULVERT 76' LONG.



ELEVATION ALONG BOX CENTERLINE



PLAN

APPROVED
For Structural Adequacy Only
James F. Clinar
Engineer of Bridges & Structures

4/11/22
date
JAMES K. CLINARD
LICENSED STRUCTURAL ENGINEER
NO. 081-004655
STATE OF ILLINOIS
expires 11-30-2022
James K. Clinar
signature
PROFESSIONAL DESIGN FIRM
LICENSE NO. 184-001717

See Sheets 2 - 8 for
Details and Sections

MODEL: Default
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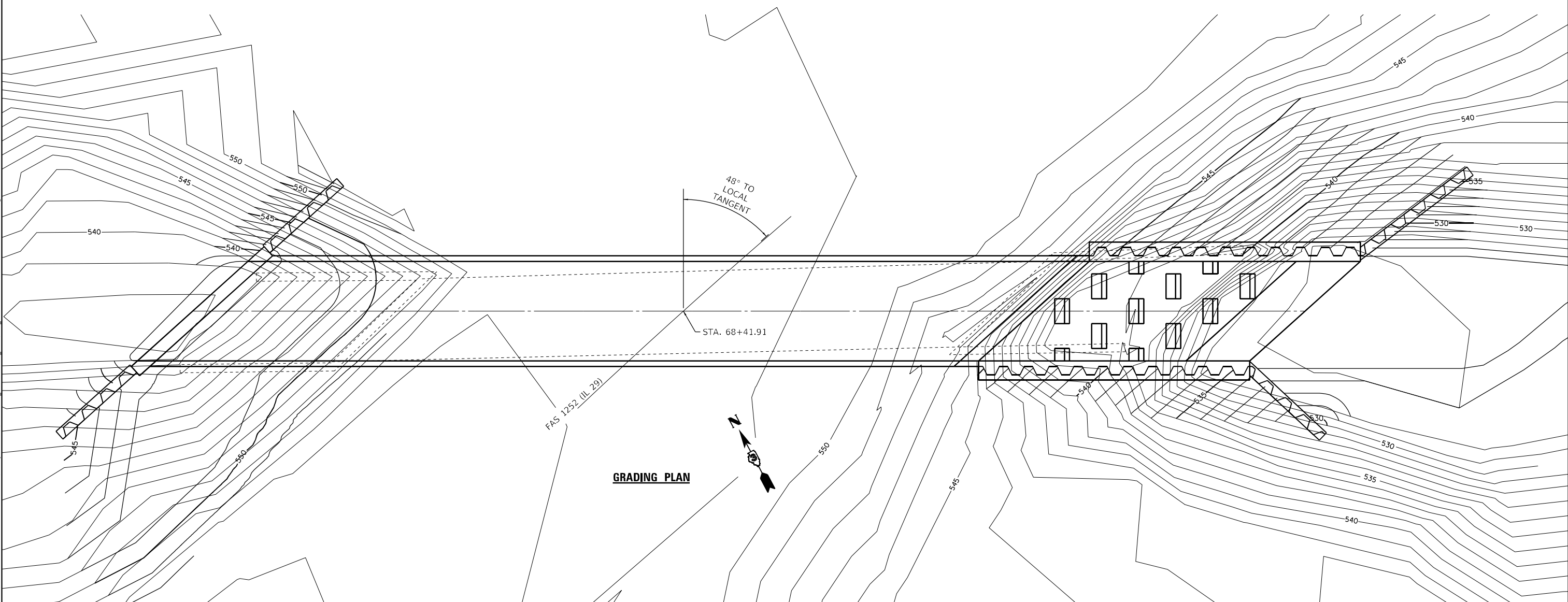
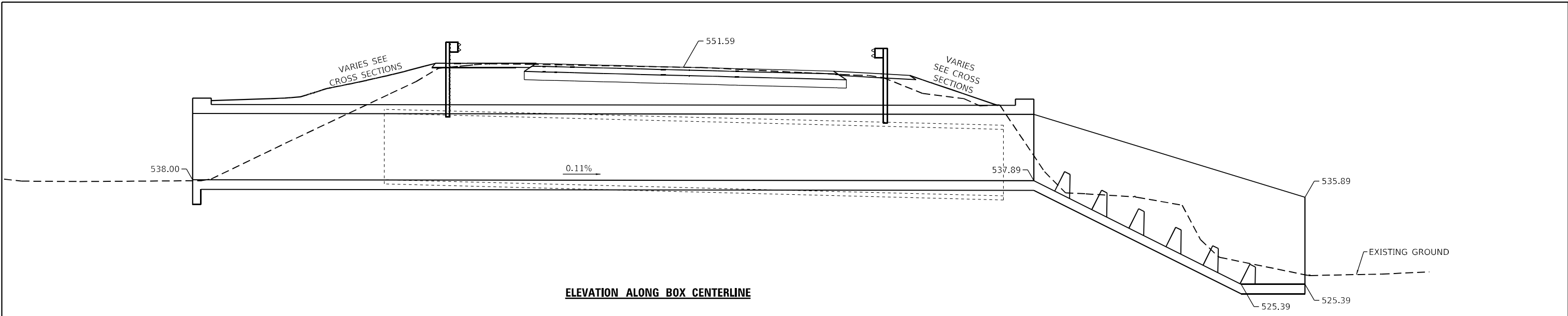


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PLOT SCALE =	DRAWN - LAG	REVISED -
PLOT DATE =	CHECKED - JKC	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SN 006-2609	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
STA. 68 + 41.91	1252	(R-4)CR	BUREAU	100	62
SCALE:	SHEET 1	OF 9 SHEETS	STA.	TO STA.	

ILLINOIS	FED. AID PROJECT
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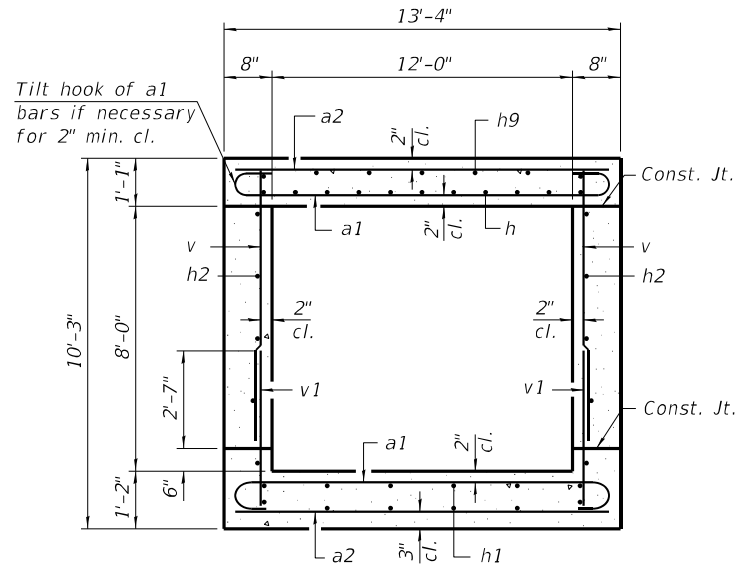
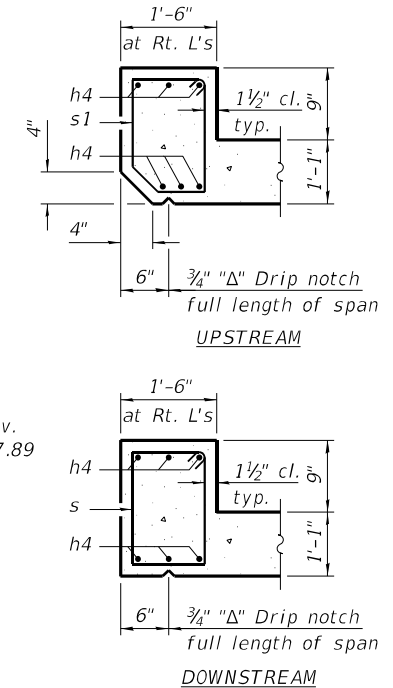
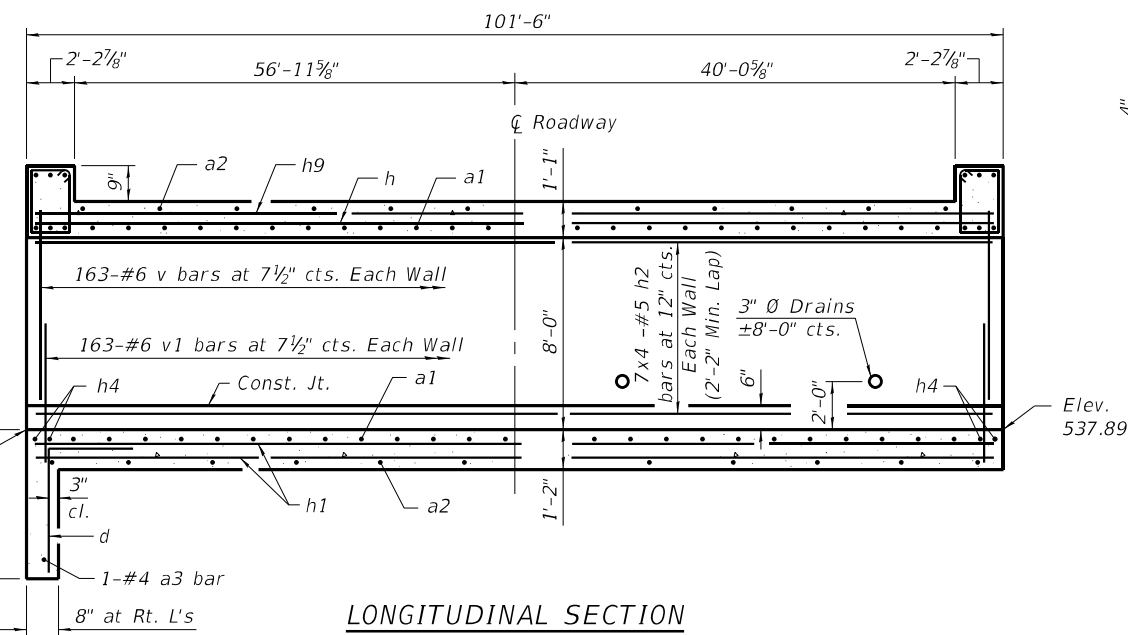
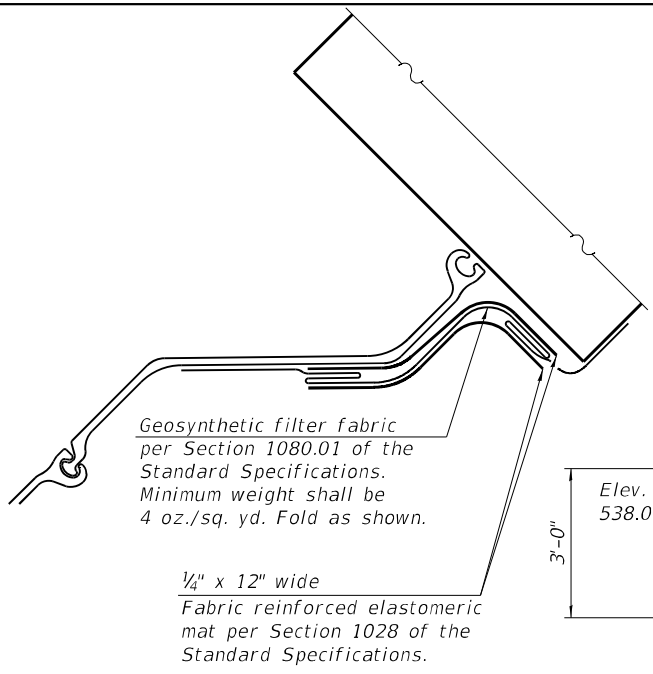
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SN 006-2609
STA. 68 + 41.91

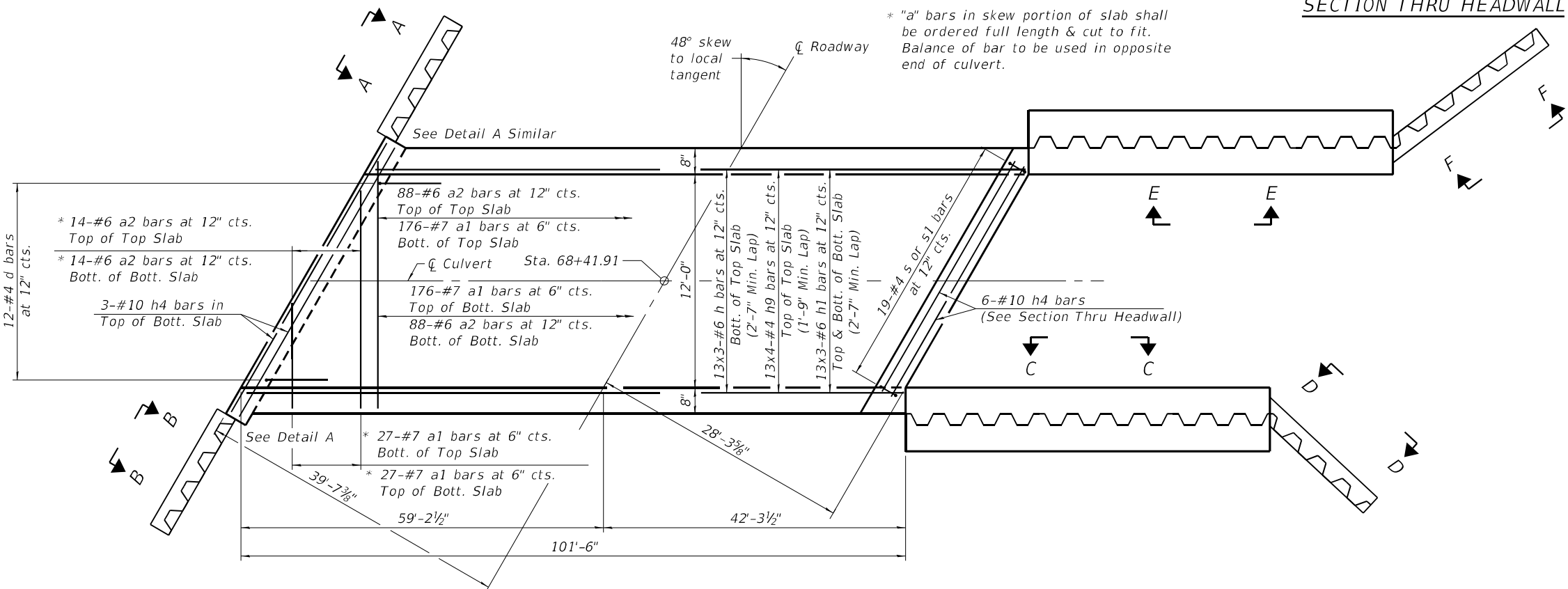
SCALE: SHEET 1 OF 9 SHEETS STA. TO STA.

F.A.S. RTE. 1252	SECTION (R-4)CR	COUNTY BUREAU	TOTAL SHEETS 100	SHEET NO. 62A
CONTRACT NO. 66F91				
ILLINOIS FED. AID PROJECT				



SECTION THRU BARREL
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a1	406	#7	14'-8"	
a2	204	#6	13'-0"	
a3	1	#4	18'-11"	
d	14	#4	4'-5"	
d1	32	#5	4'-3"	
h	39	#6	35'-6"	
h1	78	#6	35'-6"	
h2	56	#5	27'-0"	
h4	18	#10	18'-11"	
h9	52	#4	26'-8"	
h20	10	#4	33'-10"	
h21	2	#4	31'-4"	
h22	2	#4	23'-5"	
h23	2	#4	12'-7"	
h24	35	#6	19'-0"	
h25	13	#6	34'-11"	
h26	13	#6	4'-0"	
j	44	#4	4'-4"	
s	19	#4	6'-4"	
s1	19	#4	6'-2"	
v	326	#6	8'-4"	
v1	326	#6	4'-0"	
v20	44	#4	12'-6"	
Concrete Box Culverts	Cu. Yd.	212.1		
Reinforcement Bars	Pound	35,320		
Stone Riprap, Class A4	Sq. Yd.	220		
Filter Fabric	Sq. Yd.	220		
Porous Granular Embankment	Cu. Yd.	1,228		
Structure Excavation	Cu. Yd.	1,354		
Permanent Sheet Piling	Sq. Ft.	4,669		

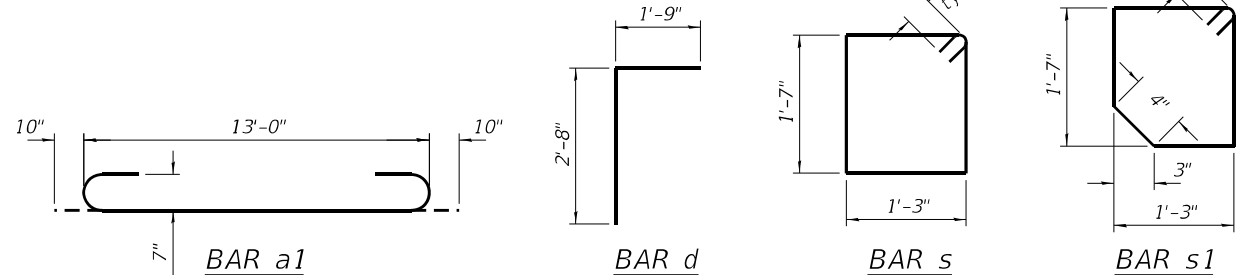


SHOWING TOEWALL

SHOWING HEADWALL

PLAN

Notes:
Bars indicated thus 12 x 4-#5 etc. indicates 12 lines of bars with 4 lengths per line.
At the Contractor's option, a longer v1 bar may be ordered to replace the v bar.
No reduction in quantities shall be made for this substitution.



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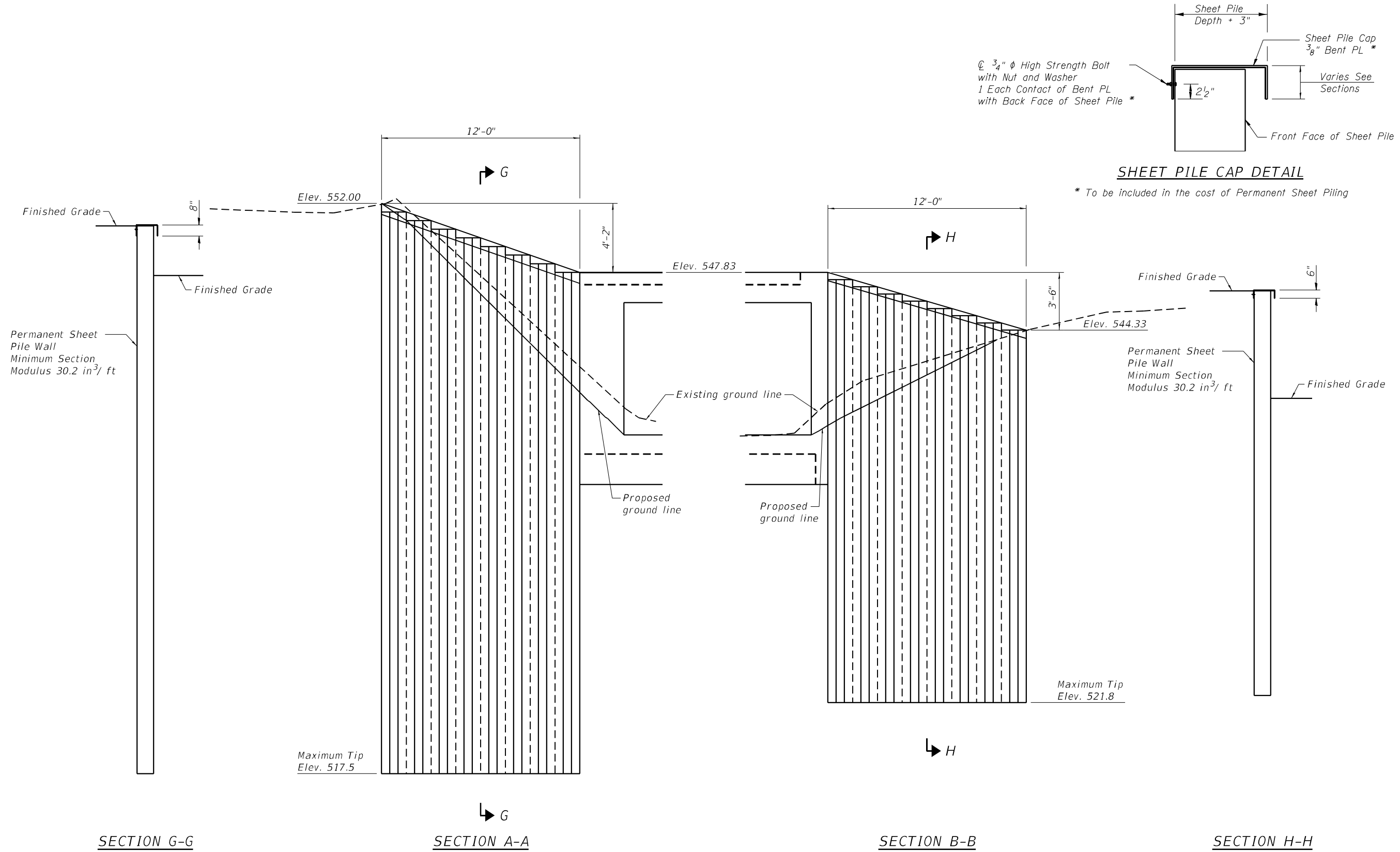


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DRAWN - LAG	REVISED -	
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PLOT DATE =	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CULVERT DETAILS		
SN 006-2609 STA. 68 + 41.91		
SCALE:	SHEET 2 OF 9 SHEETS	STA. TO STA.

F.A.S. RTE. 1252	SECTION (R-4)CR	COUNTY BUREAU	TOTAL SHEETS 100	SHEET NO. 63
ILLINOIS FED. AID PROJECT			CONTRACT NO. 66F91	



Notes:
 1. 75 Year Design Life considered in minimum section modulus.

BILL OF MATERIAL

Permanent Sheet Piling	Sq. Ft.	675
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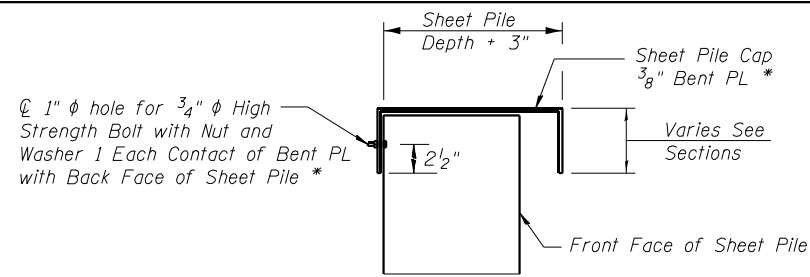
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CULVERT DETAILS
 SN 006-2609 STA. 68 + 41.91

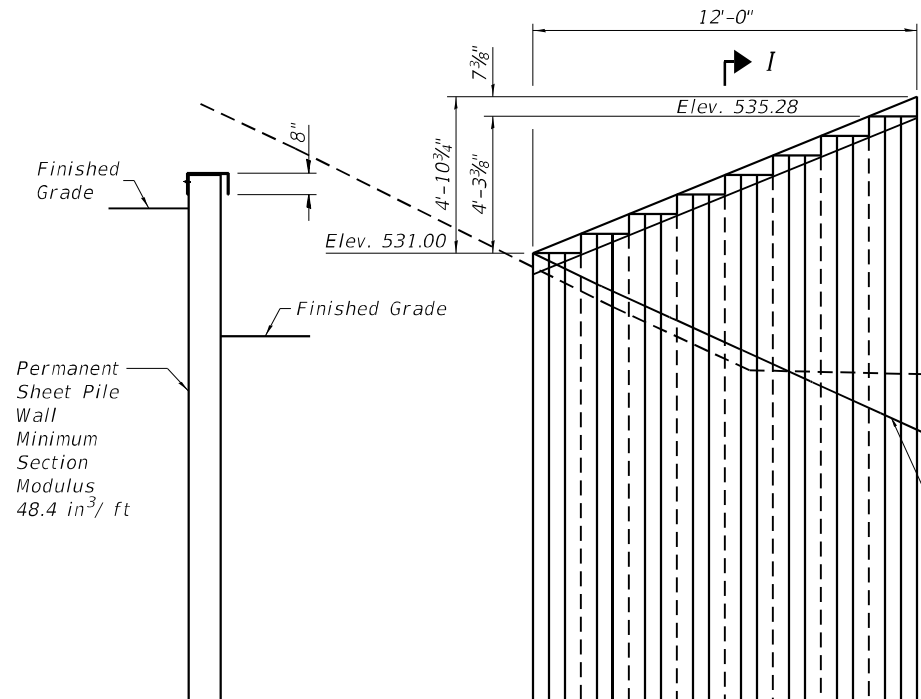
SCALE: SHEET 3 OF 9 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1252	(R-4)CR	BUREAU	100	64
ILLINOIS FED. AID PROJECT			CONTRACT NO. 66F91	



SHEET PILE CAP DETAIL

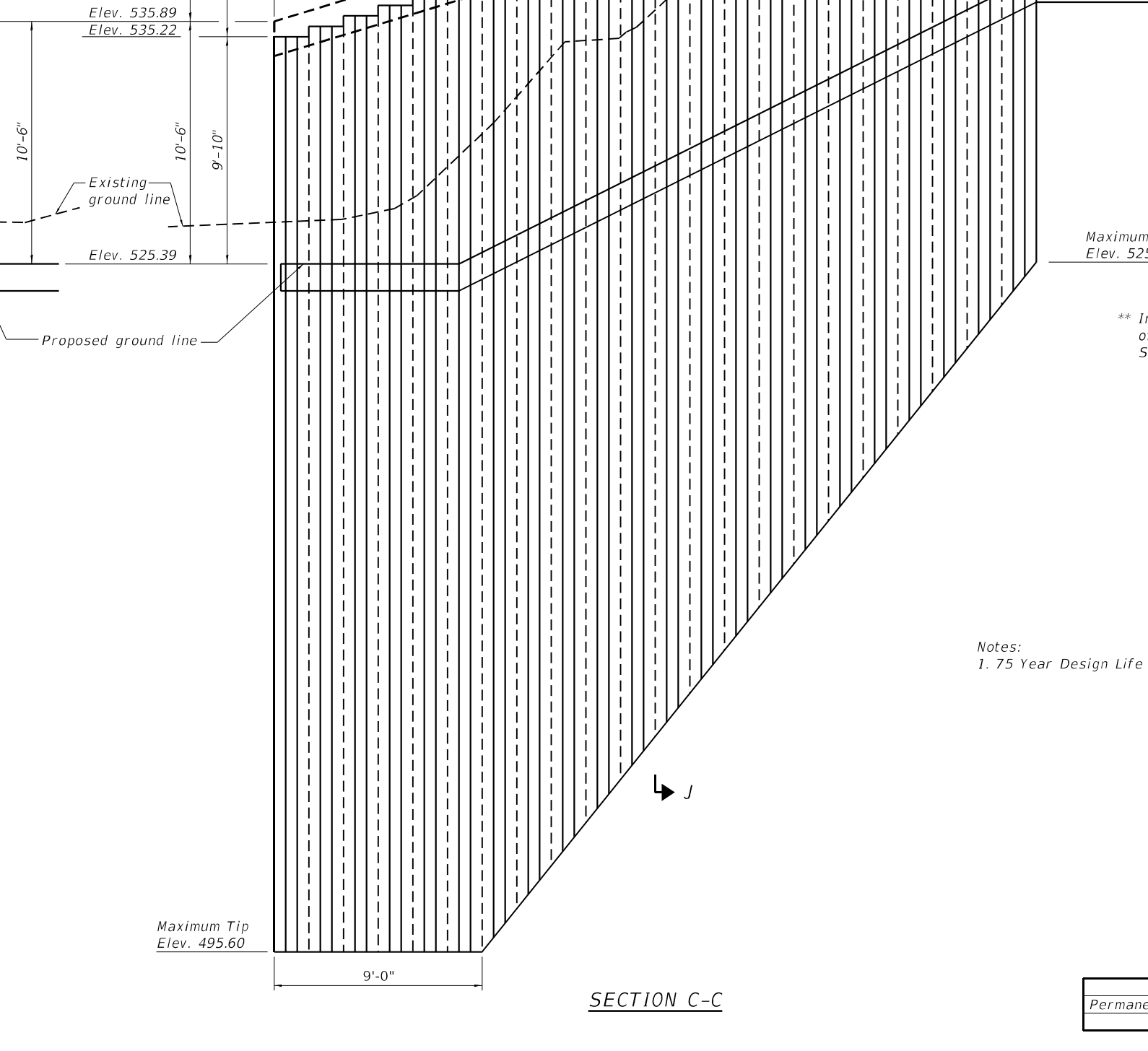
* To be included in the cost of Permanent Sheet Piling



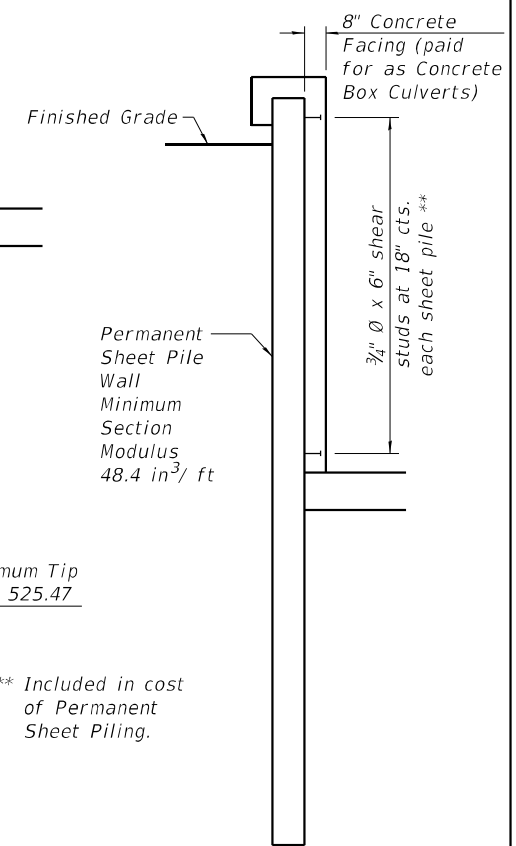
SECTION I-I

SECTION D-D

Maximum Tip Elev. 491.80



SECTION C-C



SECTION J-J

Notes:
1. 75 Year Design Life considered in minimum section modulus.

BILL OF MATERIAL

Permanent Sheet Piling	Sq. Ft.	1,609
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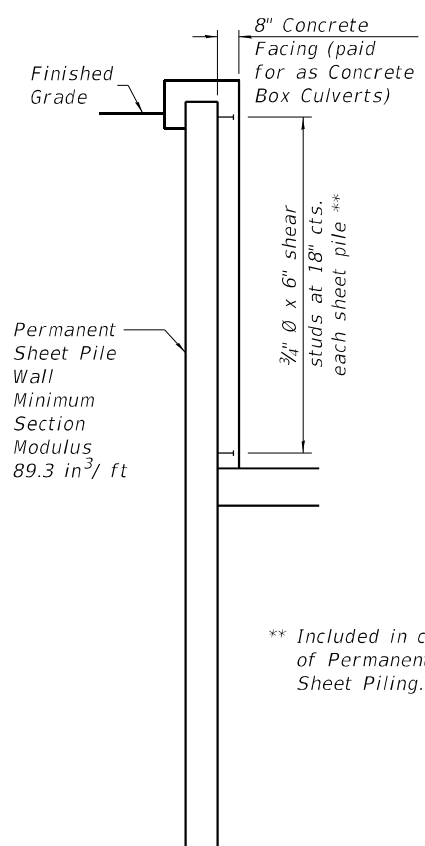
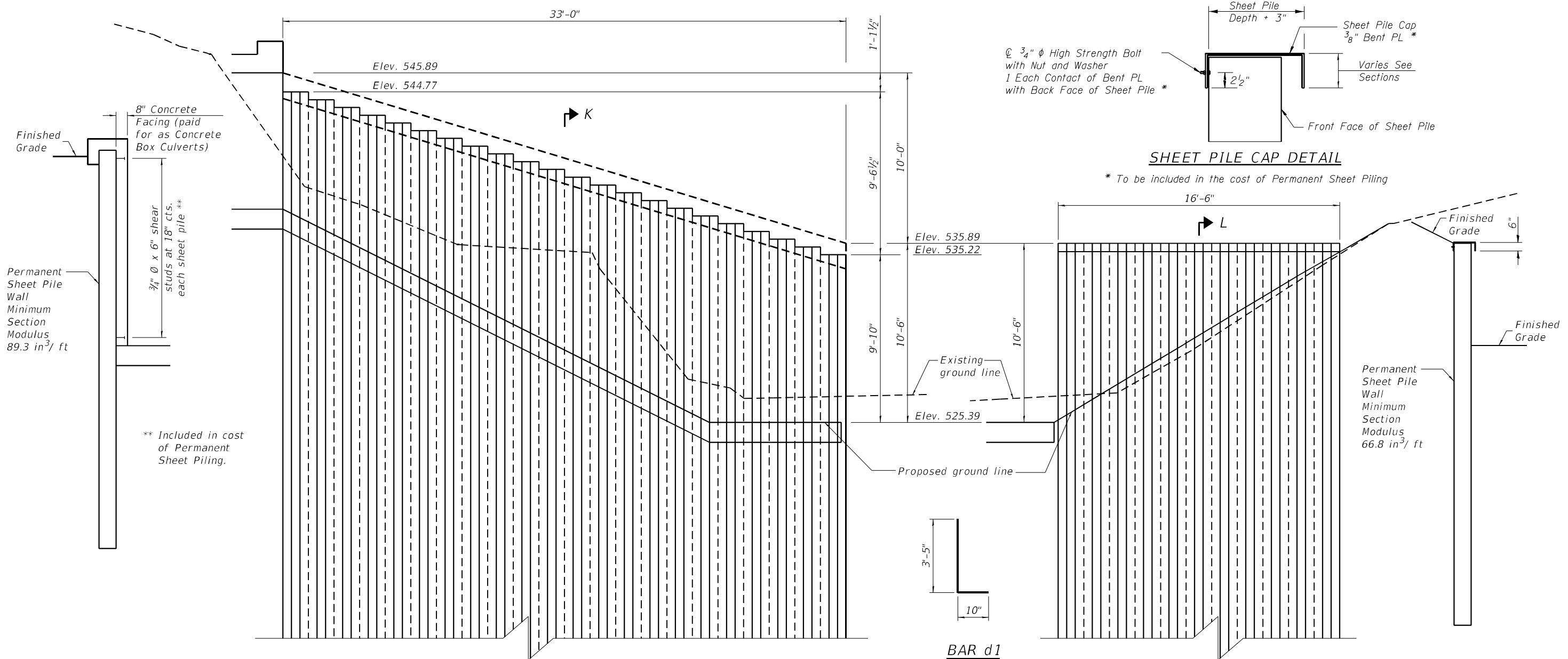
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PLOT DATE = _	DATE -	REVISIONS -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CULVERT DETAILS
SN 006-2609 STA. 68 + 41.91**

SCALE: SHEET 4 OF 9 SHEETS STA. TO STA.

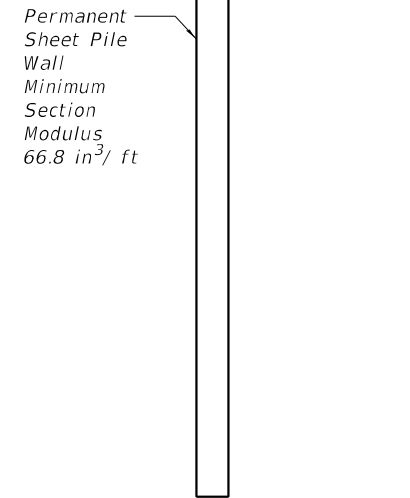
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1252	(R-4)CR	BUREAU	100	65
		CONTRACT NO. 66F91		
		ILLINOIS FED. AID PROJECT		



SHEET PILE CAP DETAIL

* To be included in the cost of Permanent Sheet Piling

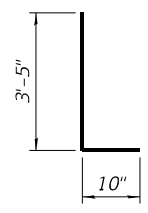
** Included in cost of Permanent Sheet Piling.



SECTION K-K

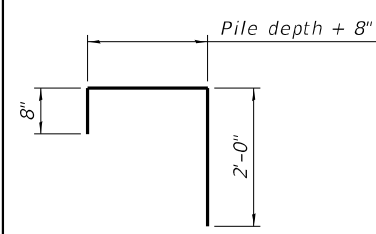
Maximum Tip Elev. 501.6

BAR d1



SECTION L-L

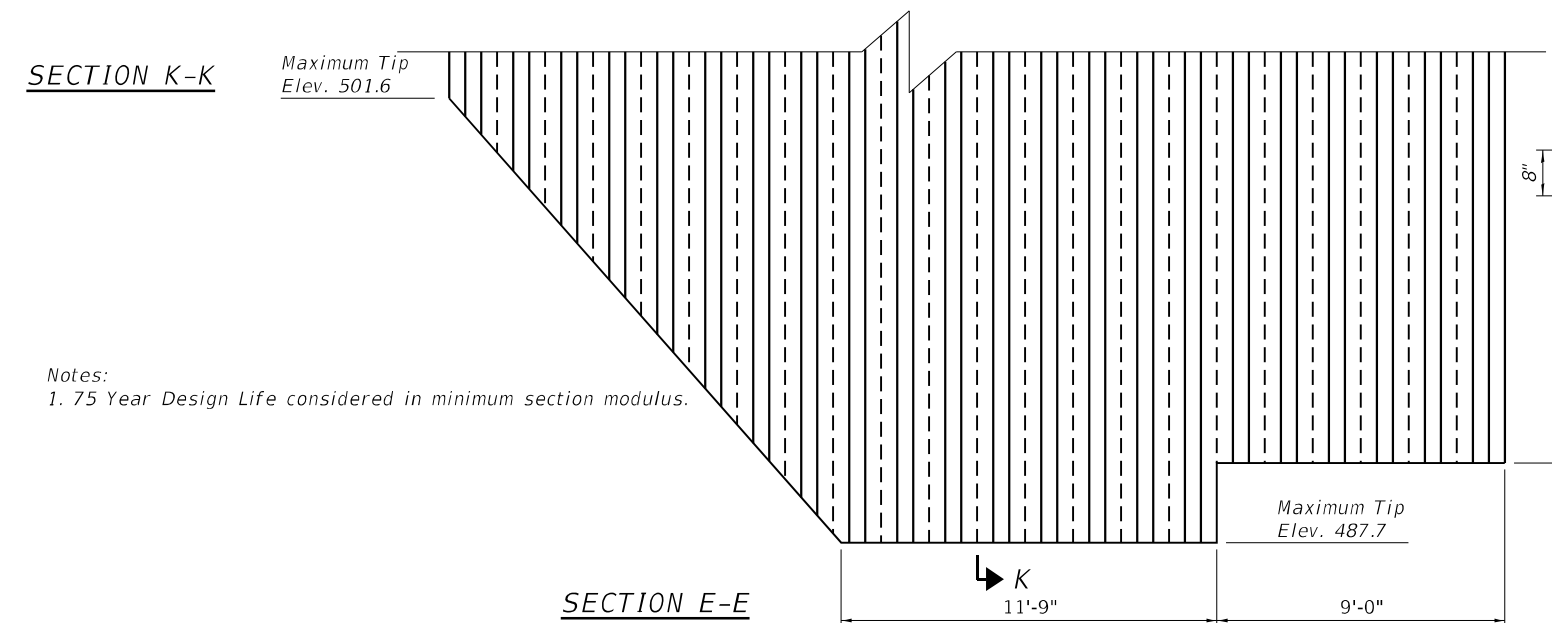
Notes:
1. 75 Year Design Life considered in minimum section modulus.



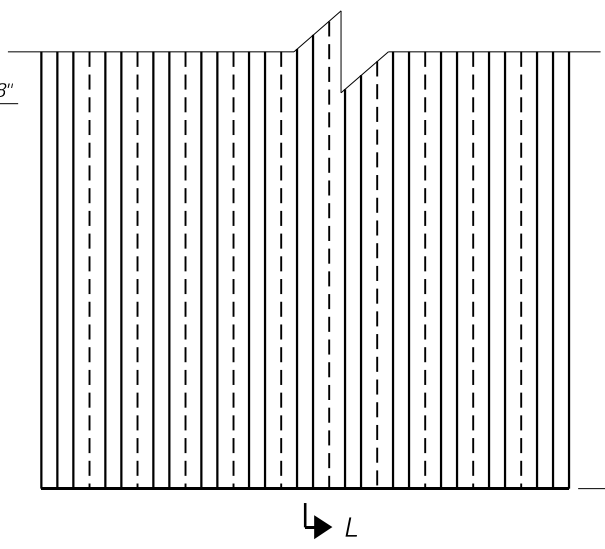
BAR j

Maximum Tip Elev. 490.2

Maximum Tip Elev. 489.4



SECTION E-E



SECTION F-F

BILL OF MATERIAL

Permanent Sheet Piling	Sq. Ft.	2,385
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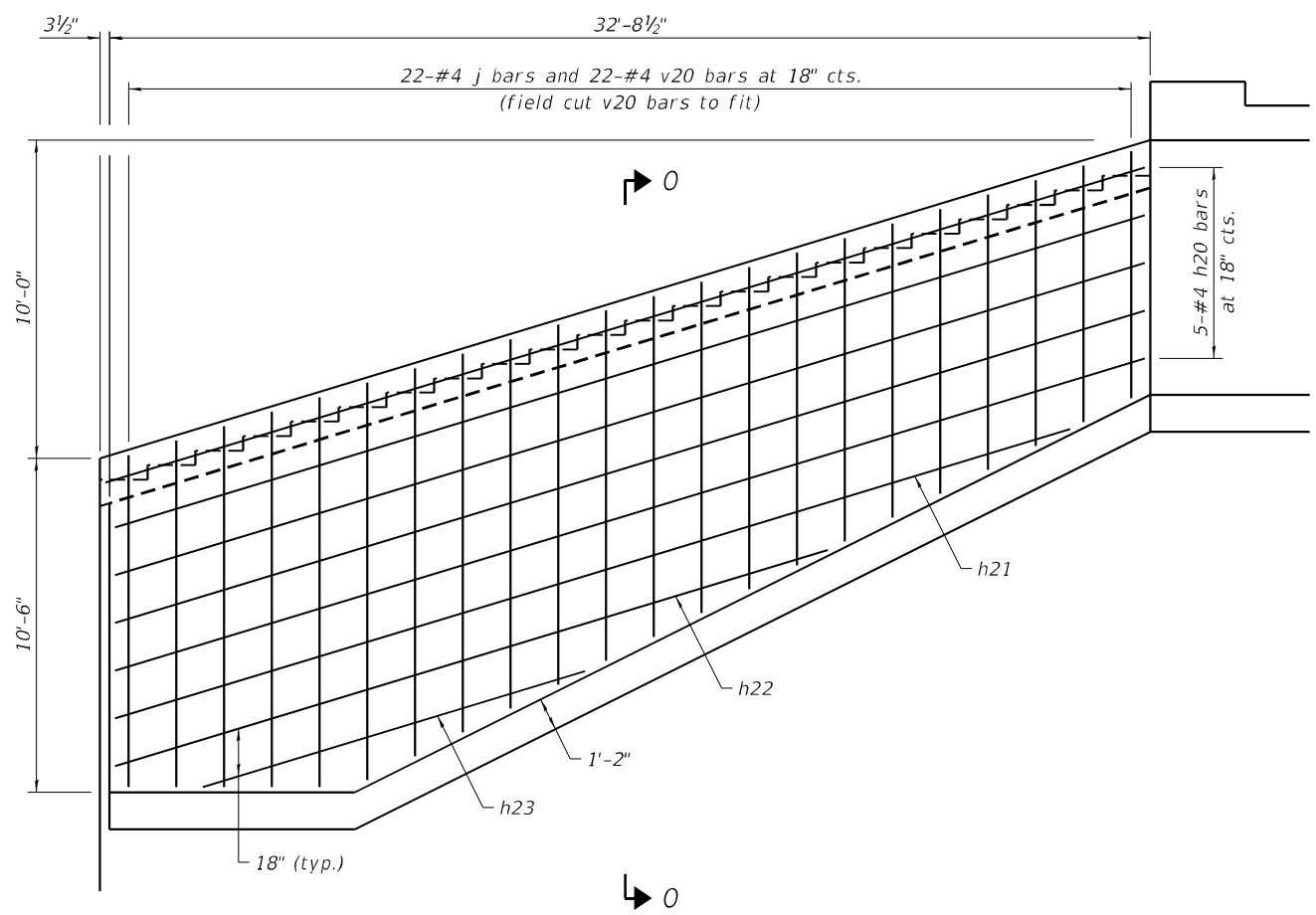
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	DRAWN - LAG	REVISIONS -
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PLOT DATE =	DATE -	REVISIONS -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

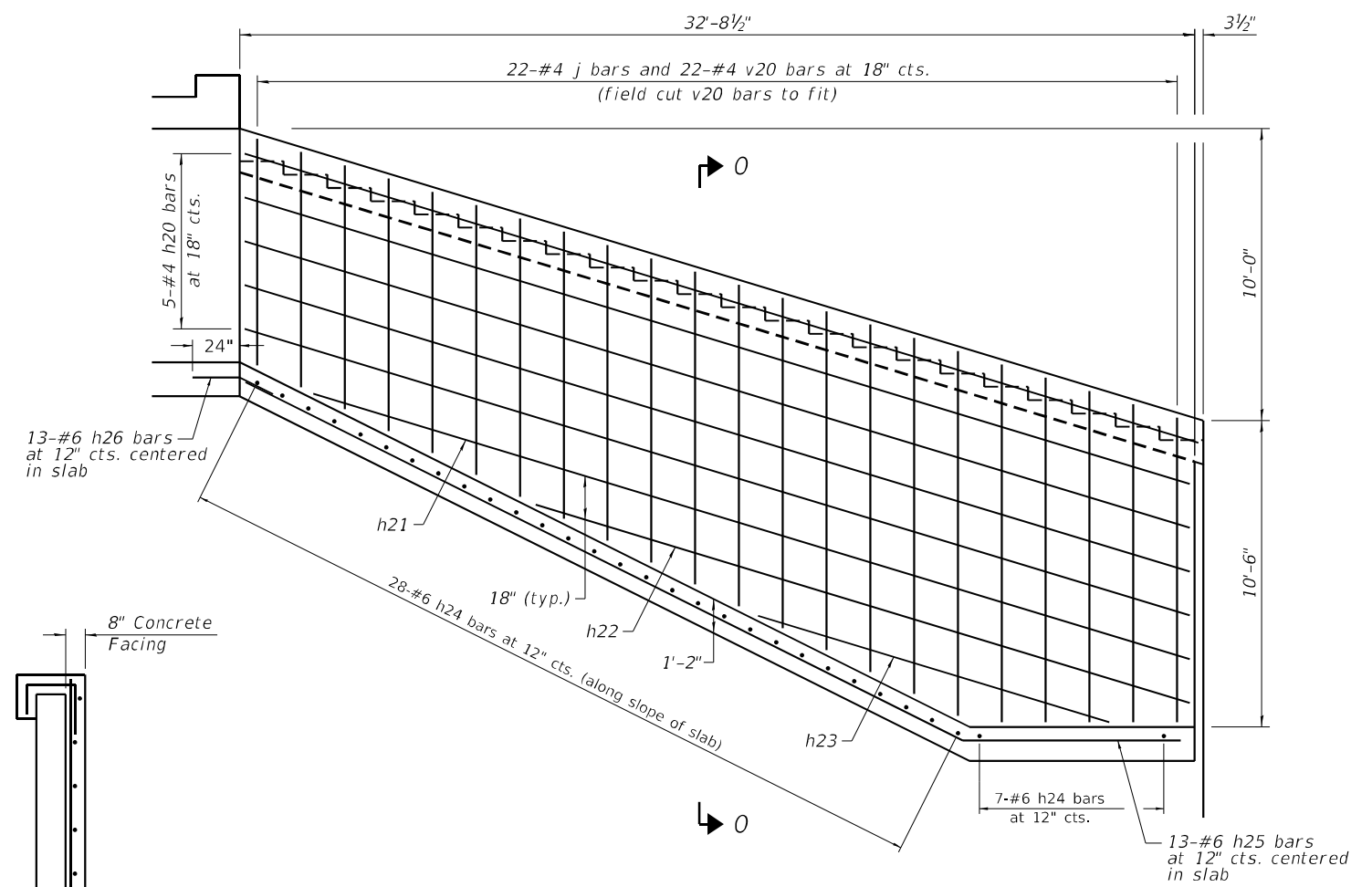
CULVERT DETAILS
SN 006-2609 STA. 68 + 41.91

SCALE: SHEET 5 OF 9 SHEETS STA. TO STA.

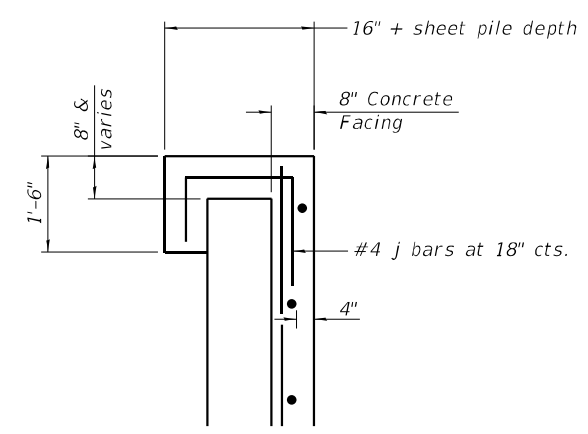
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1252	(R-4)CR	BUREAU	100	66
CONTRACT NO. 66F91			ILLINOIS FED. AID PROJECT	



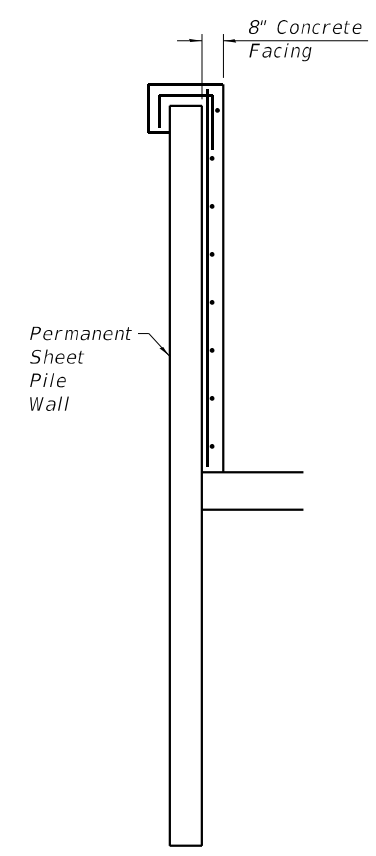
SECTION M-M



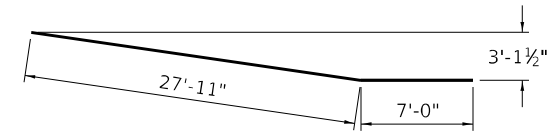
SECTION N-N



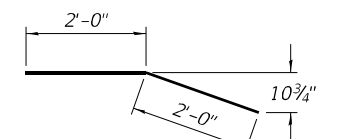
CONCRETE SHEET PILE CAP DETAIL



SECTION O-O



BAR h25



BAR h26

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USER NAME = CHAMLIN	DESIGNED - JKC	REVISD -
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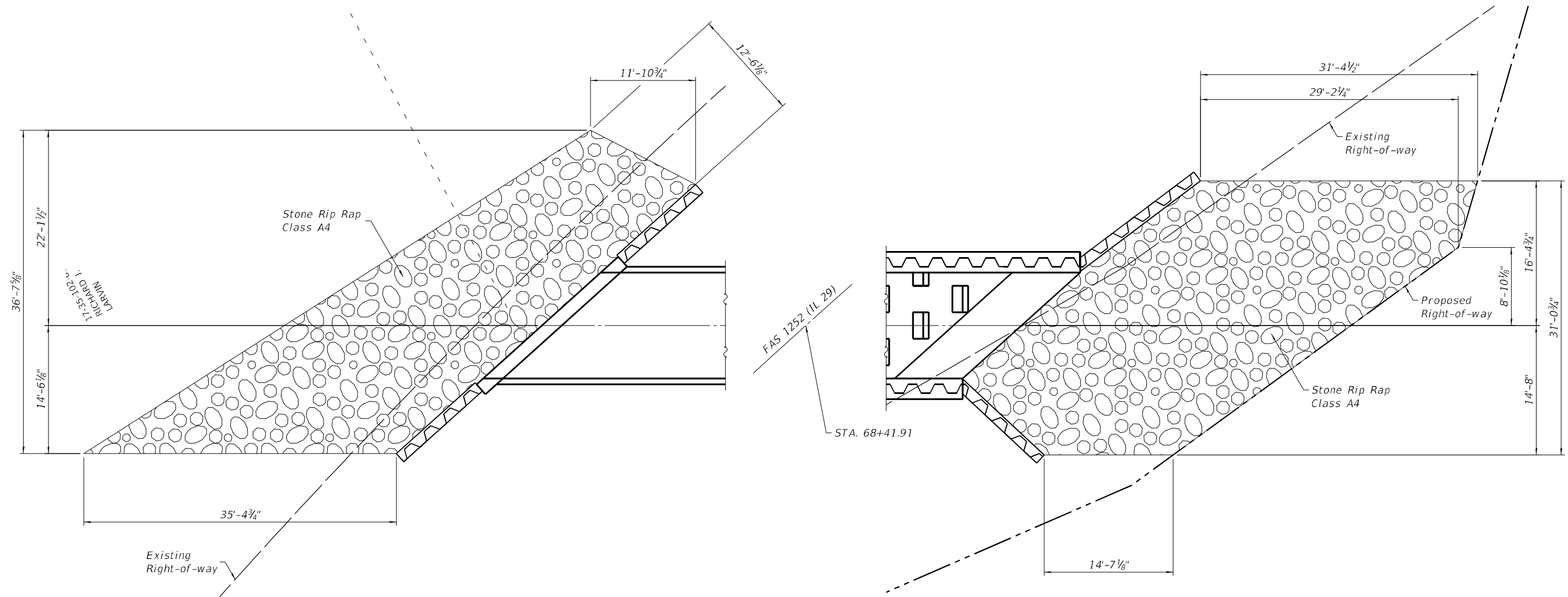
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SN 006-2609
STA. 68 + 41.91

SCALE: SHEET 7 OF 9 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1252	(R-4)CR	BUREAU	100	68
CONTRACT NO. 66F91				
ILLINOIS FED. AID PROJECT				

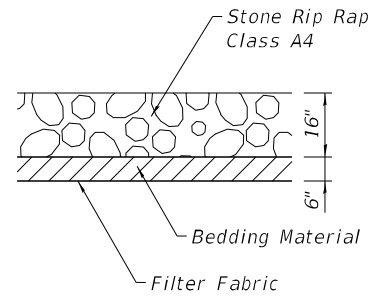
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Left

Right

RIPRAP DETAIL



Section Thru Riprap

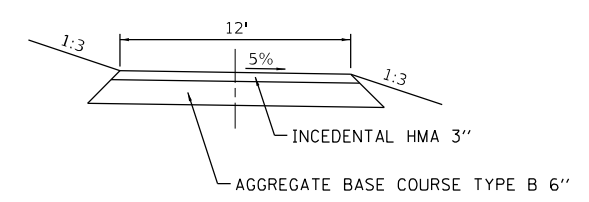
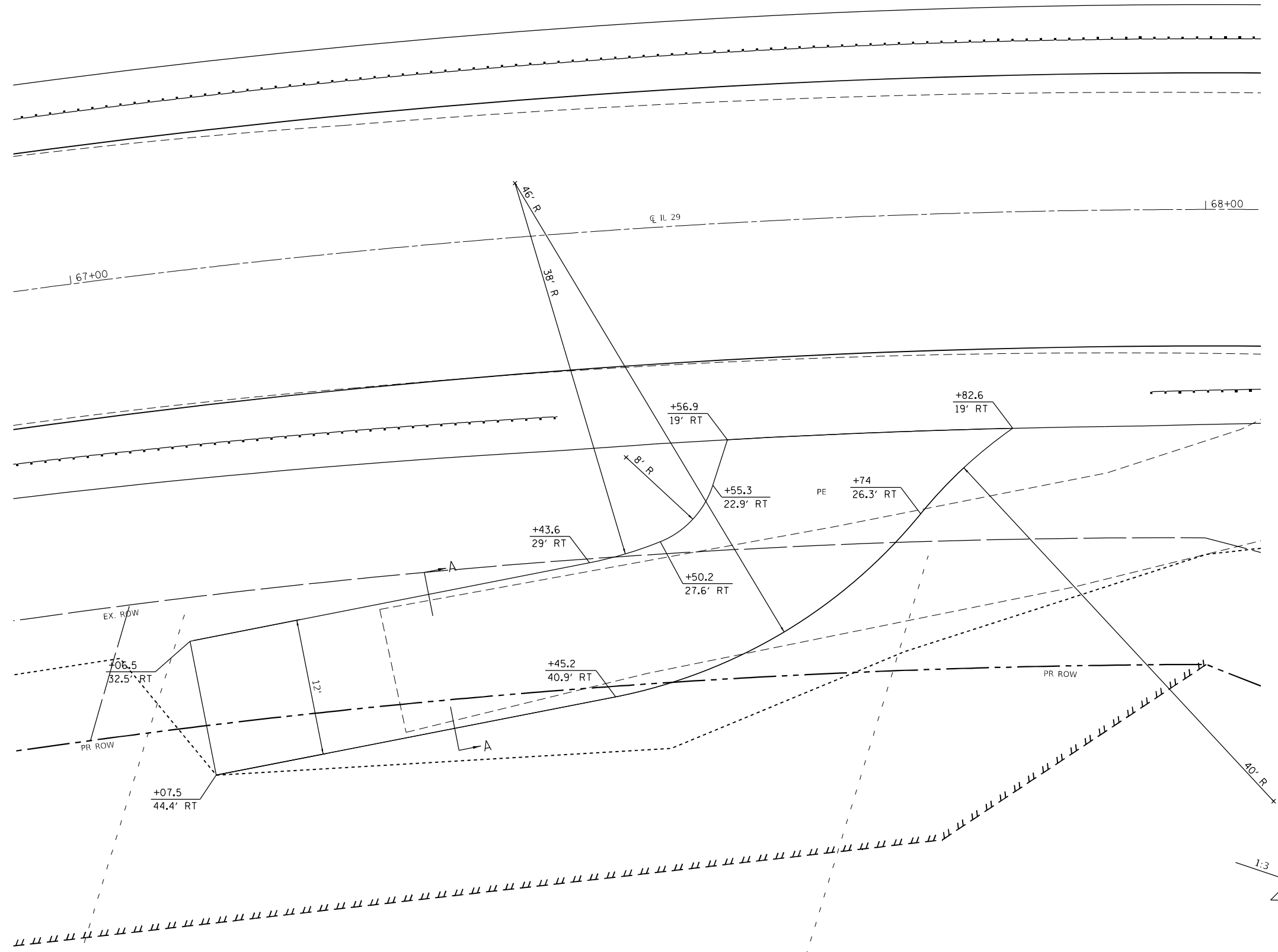


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PLOT SCALE =	CHECKED - JKC	REVISED -
PLOT DATE =	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SN 006-2609	
STA. 68 + 41.91	
SCALE:	SHEET 8 OF 9 SHEETS STA. TO STA.

F.A.S. RTE. 1252	SECTION (R-4)CR	COUNTY BUREAU	TOTAL SHEETS 100	SHEET NO. 69
CONTRACT NO. 66F91				
ILLINOIS FED. AID PROJECT				



SECTION A-A

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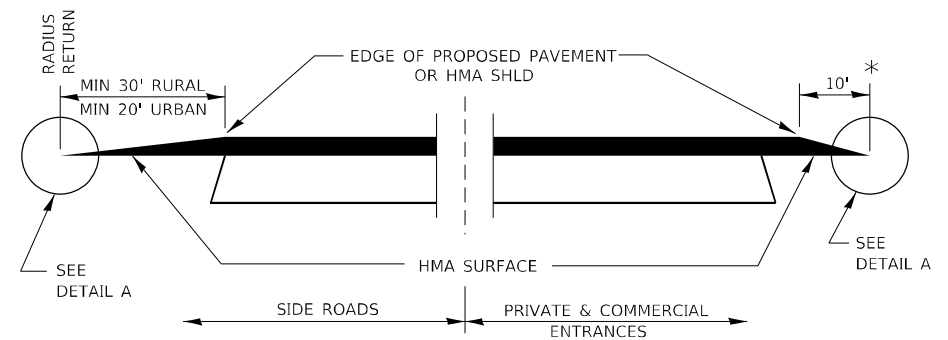


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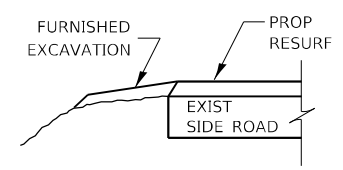
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1252	(R-4)CR	BUREAU	100	71
CONTRACT NO. 66F91				
ILLINOIS FED. AID PROJECT				

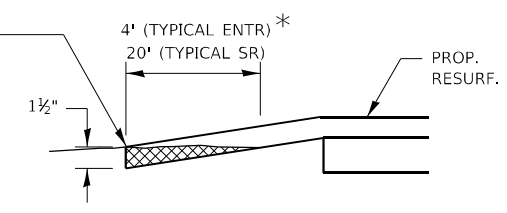


SECTION A-A
DETAILS AT ENTRANCES & SIDE ROADS

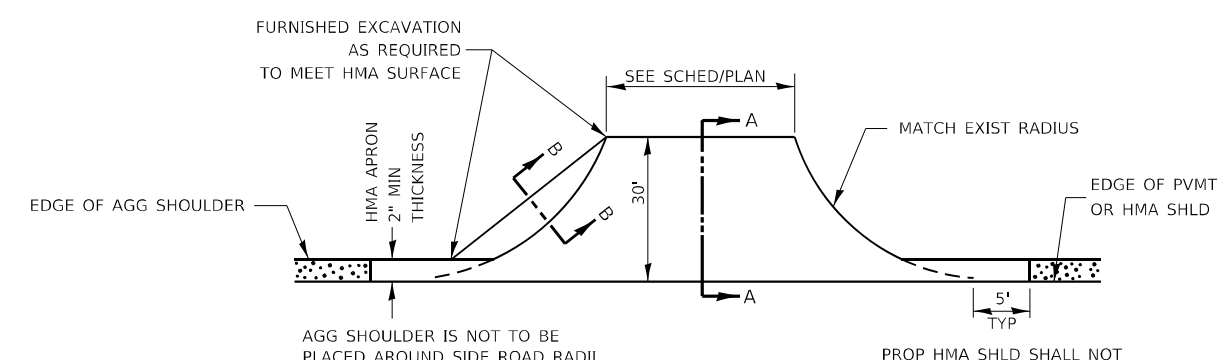


SECTION B-B

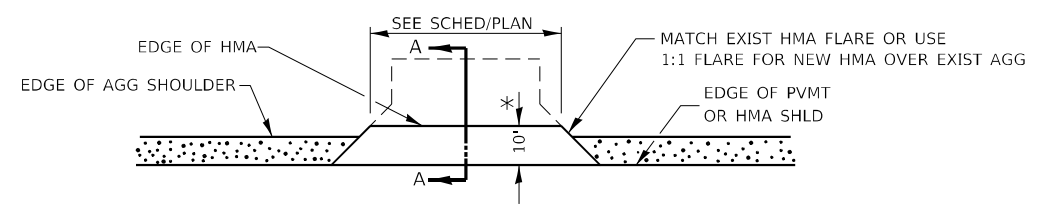
THE COST OF REMOVAL AT EXISTING HMA OR PCC LOCATIONS SHALL BE PAID FOR PER SQ YD BY THE APPROPRIATE PAY ITEM. REMOVAL AT THE EXISTING AGG LOCATIONS SHALL BE INCIDENTAL TO THE HMA. A-3 LOCATIONS SHALL BE FEATHER TAPERED.



DETAIL A

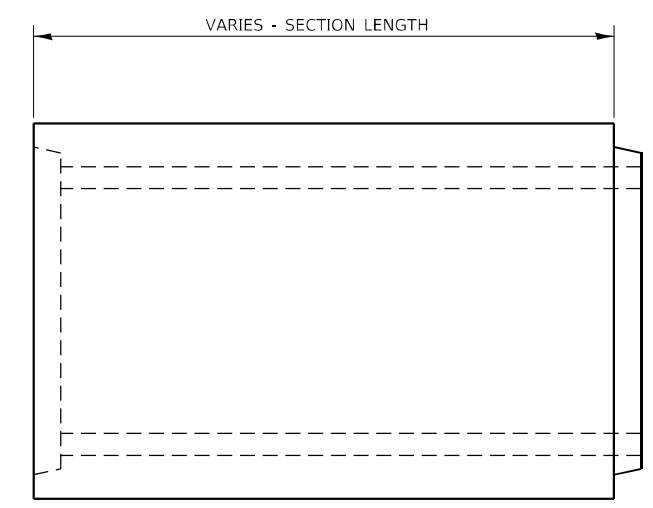


PLAN AT SIDE ROADS

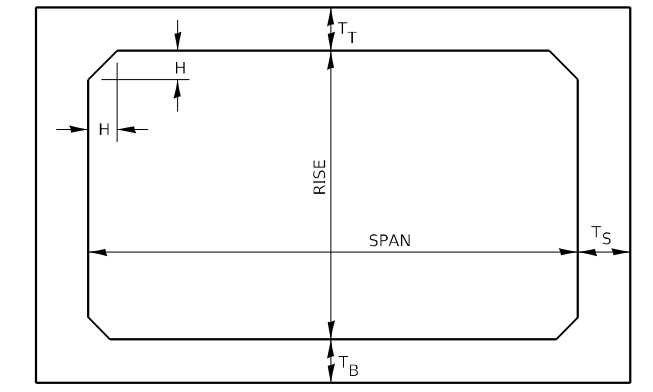


PLAN AT PRIVATE & COMMERCIAL ENTRANCES
(DO NOT RESURFACE FIELD ENTRANCES)

* PROPOSED HMA RESURFACING AT PUBLIC EDUCATIONAL FACILITY ENTRANCES SHALL BE EXTENDED TO THE RIGHT-OF-WAY LIMITS.



ELEVATION

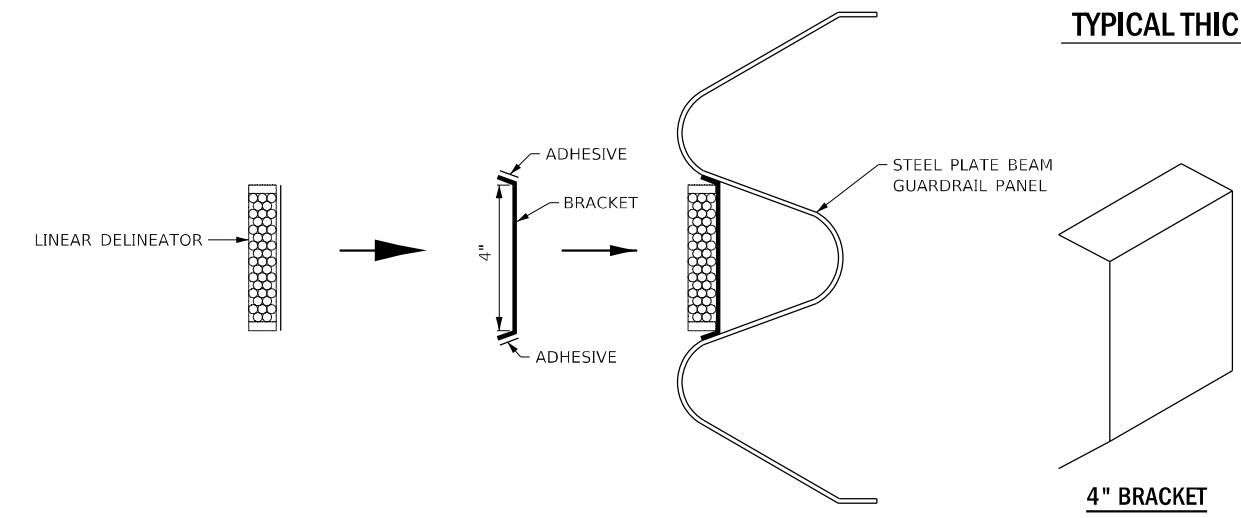


TYPICAL BOX SECTION

SPAN, FEET	T _T , INCHES		T _B , INCHES		T _S , INCHES	
	M 259	M 273	M 259	M 273	M 259	M 273
3	4	7	4	6	4	4
4	5	7 1/2	5	6	5	5
5	6	8	6	7	6	6
6	7	8	7	7	7	7
7	8	8	8	8	8	8
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12

GENERAL NOTES:
MINIMUM COVER FOR BOX CULVERTS SHALL BE 6".

TYPICAL THICKNESSES



LINEATOR DELINEATOR APPLICATION TO STANDARD GALVANIZED GUARDRAIL

LINEATOR DELINEATOR SHALL BE APLIED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS

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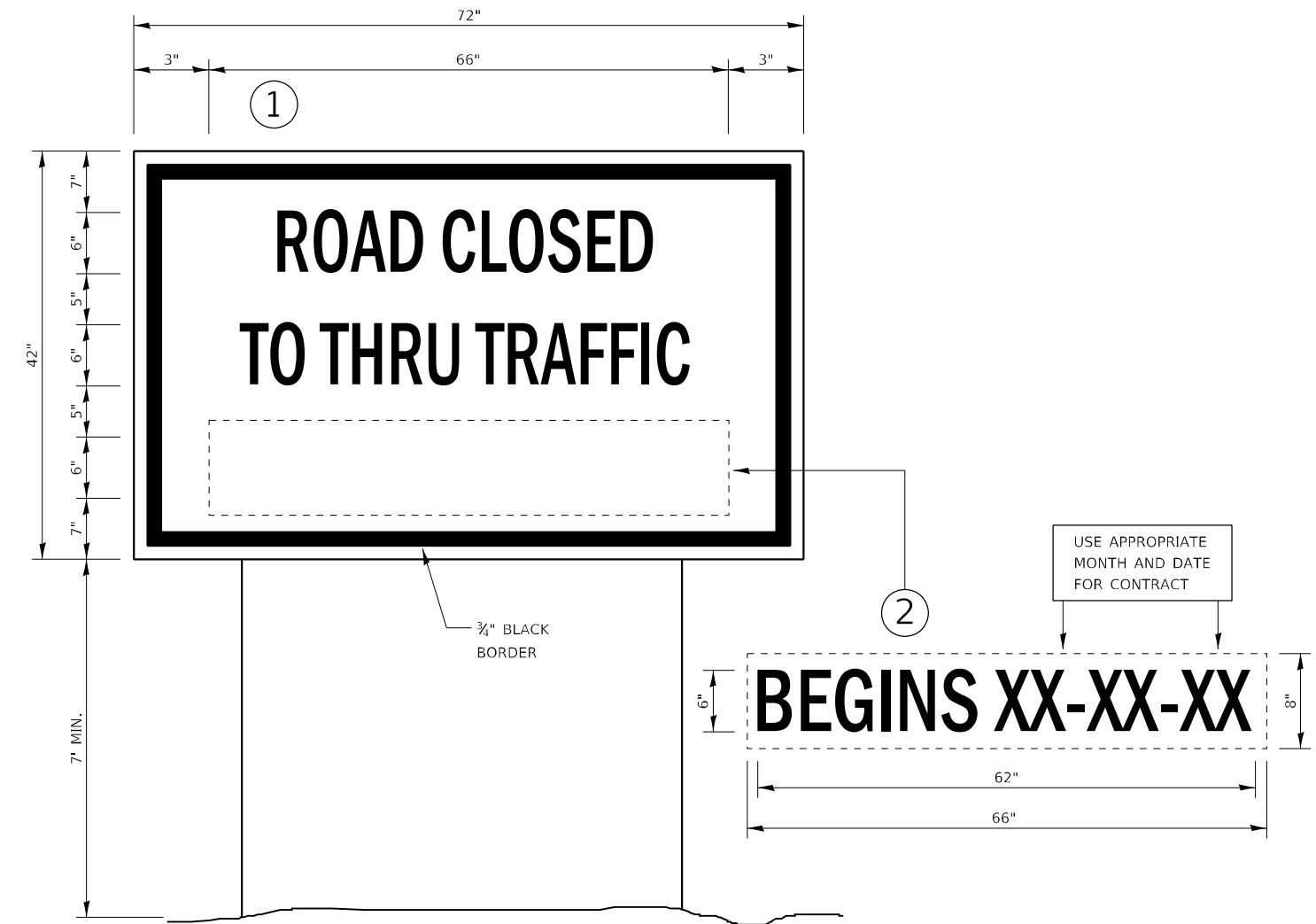
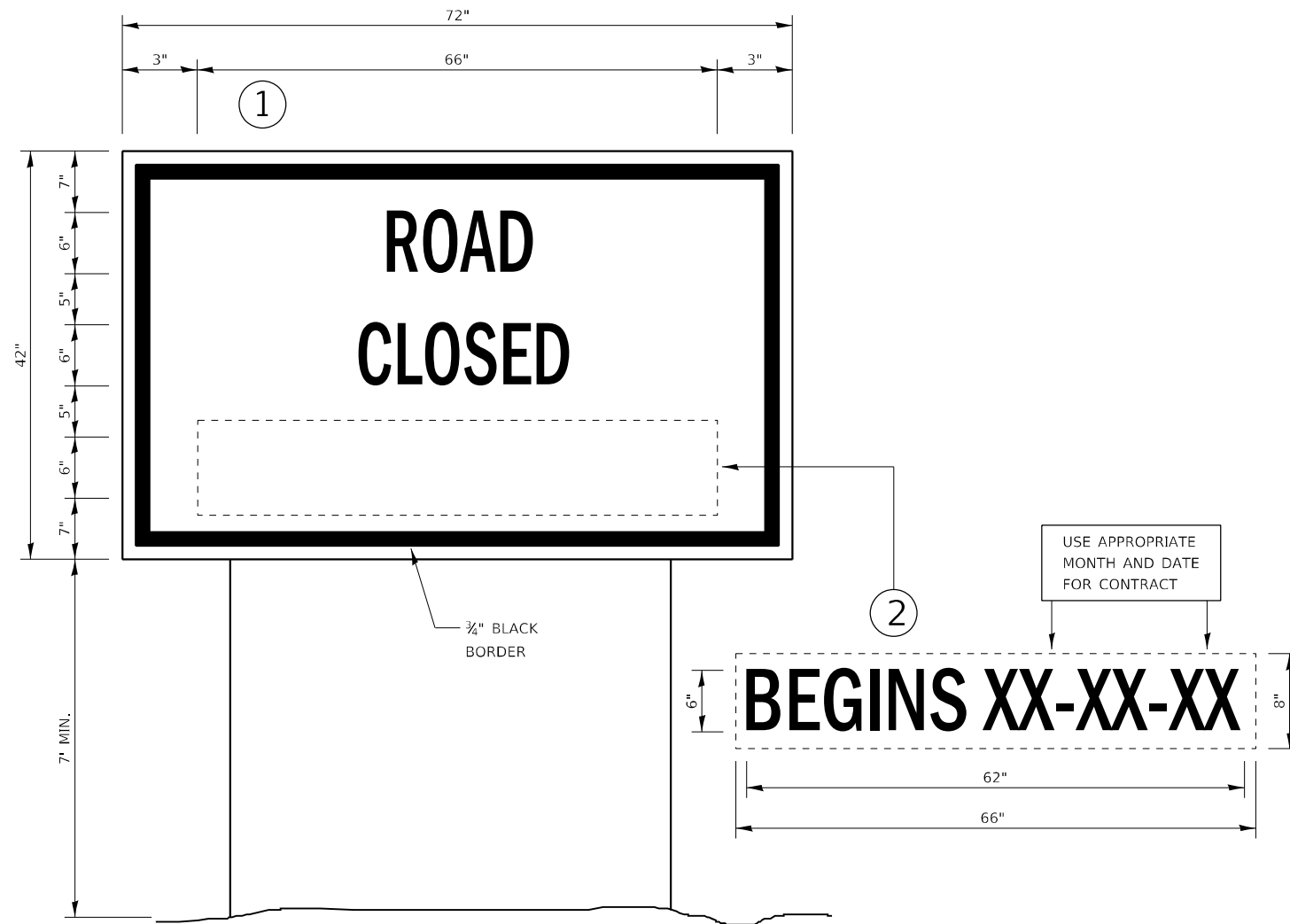


USER NAME = CHAMLIN	DESIGNED - DJD	REVISED -
	DRAWN - NV	REVISED -
PLOT SCALE =	CHECKED -	REVISED -
PLOT DATE =	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS			
SCALE:	SHEET 1	OF 4 SHEETS	STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1252	(R-4)CR	BUREAU	100	72
CONTRACT NO. 66F91				
ILLINOIS FED. AID PROJECT				



TEMPORARY INFORMATION SIGNING

NOTES:

1. USE 6" D BLACK LETTERING ON FLUORESCENT ORANGE BACKGROUND.
2. ERECT SIGNS AT LOCATIONS IN ADVANCE OF THE "ROAD CONSTRUCTION AHEAD" SIGNS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② A MINIMUM OF ONE WEEK PRIOR TO THE START OF THE ROAD CLOSURE.
4. REMOVE PANEL ② ON THAT DATE.
5. SEE SPECIAL PROVISION "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. WILL BE PAID FOR PER SQ FT AS "TEMPORARY INFORMATION SIGNING". EACH SIGN = 21 SQ FT AND THE DATE PANEL ② WILL NOT BE MEASURED SEPARATELY FOR PAYMENT.

TEMPORARY INFORMATION SIGNING

NOTES:

1. USE 6" D BLACK LETTERING ON FLUORESCENT ORANGE BACKGROUND.
2. ERECT SIGNS AT LOCATIONS IN ADVANCE OF THE "ROAD CONSTRUCTION AHEAD" SIGNS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② A MINIMUM OF ONE WEEK PRIOR TO THE START OF THE ROAD CLOSURE.
4. REMOVE PANEL ② ON THAT DATE.
5. SEE SPECIAL PROVISION "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. WILL BE PAID FOR PER SQ FT AS "TEMPORARY INFORMATION SIGNING". EACH SIGN = 21 SQ FT AND THE DATE PANEL ② WILL NOT BE MEASURED SEPARATELY FOR PAYMENT.

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USER NAME = CHAMLIN	DESIGNED - DJD	REVISED -
	DRAWN - NV	REVISED -
PLOT SCALE =	CHECKED -	REVISED -
PLOT DATE =	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETAILS

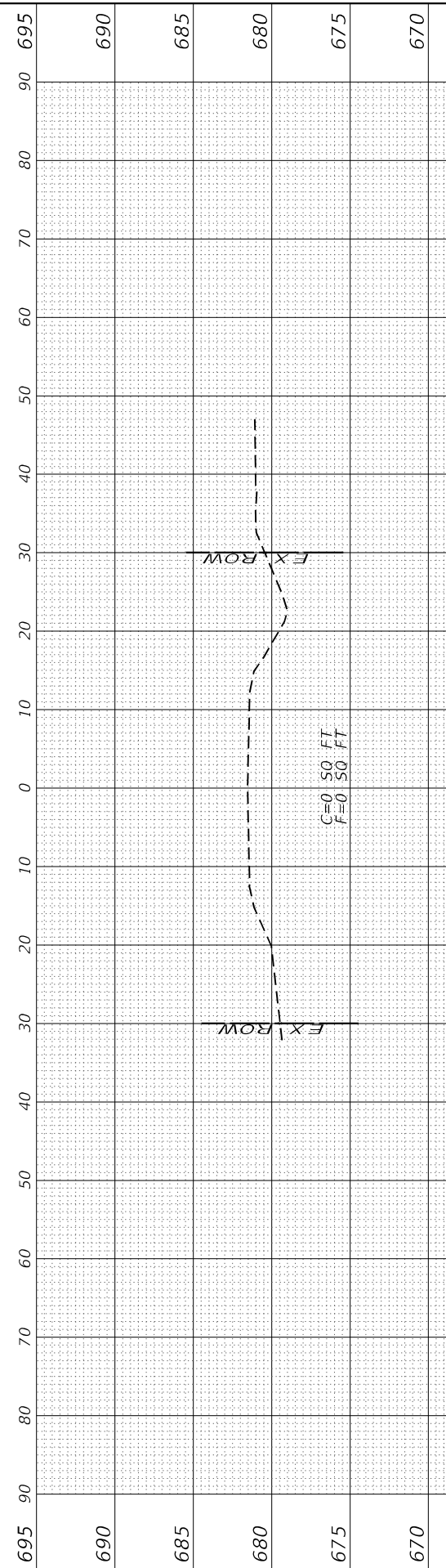
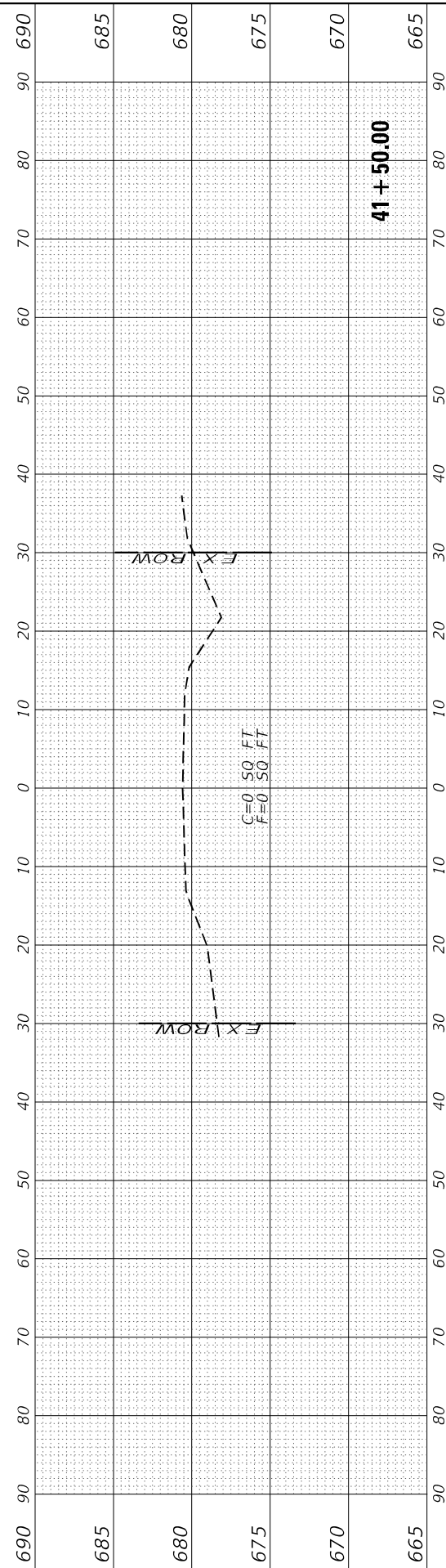
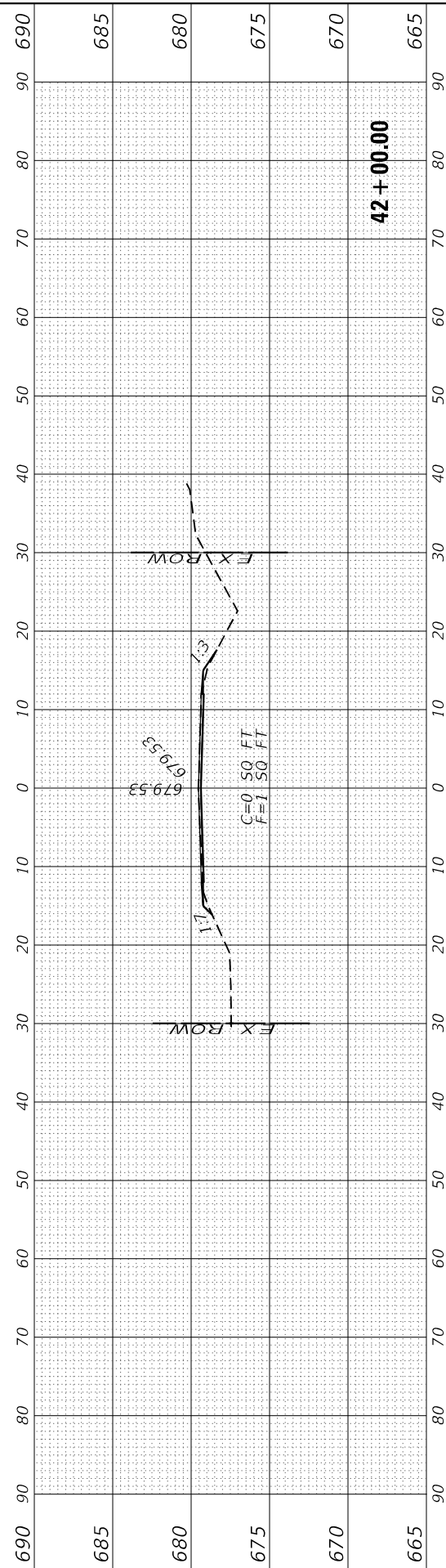
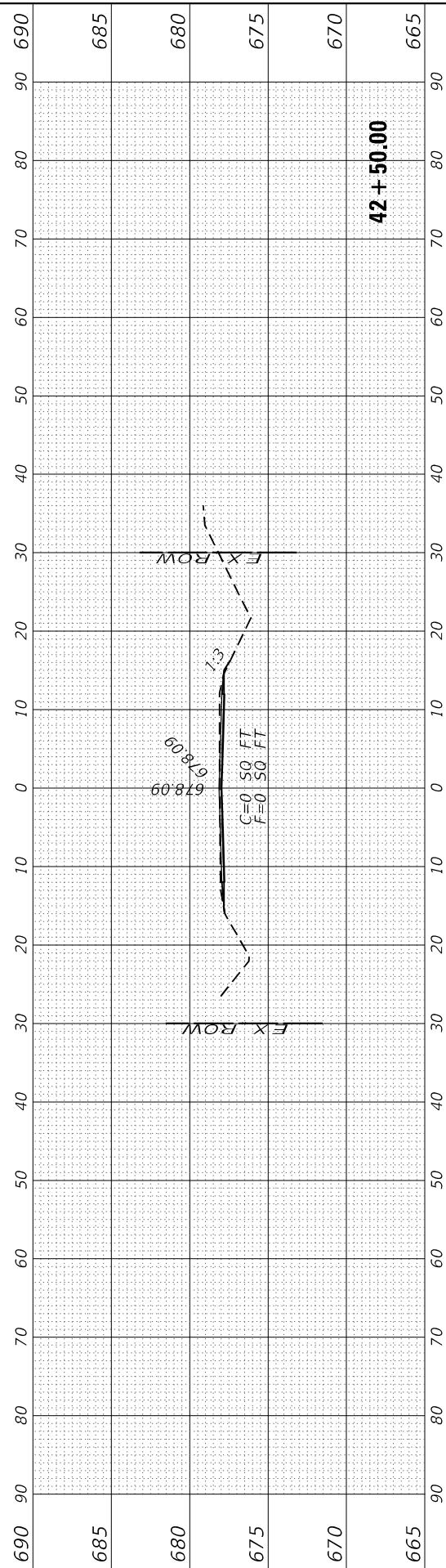
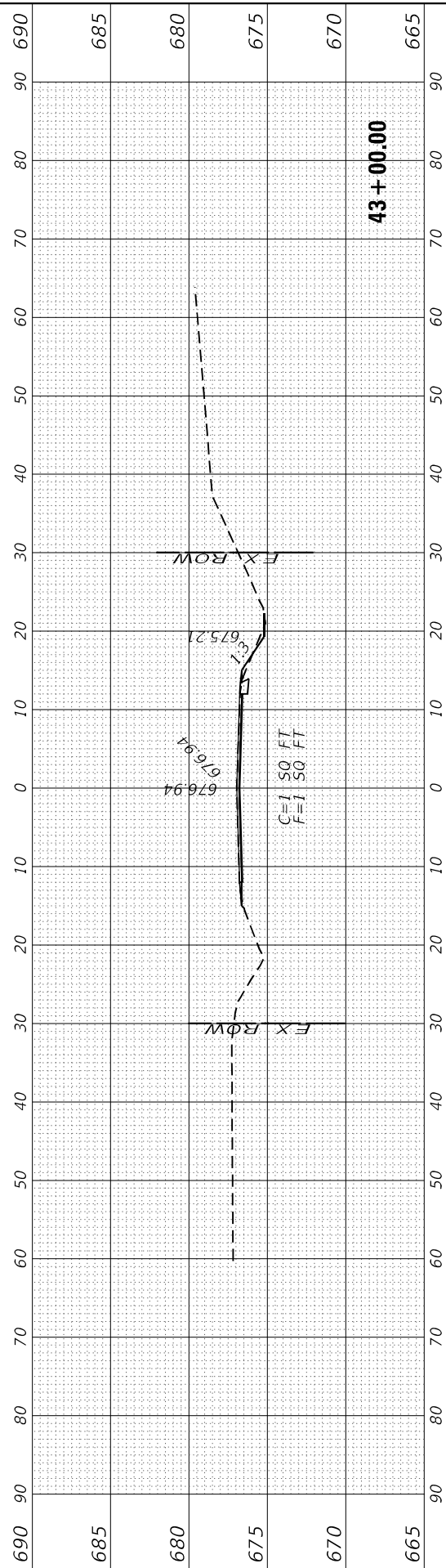
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1252	(R-4)CR	BUREAU	100	75
CONTRACT NO. 66F91			ILLINOIS FED. AID PROJECT	

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

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

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USER NAME = CHAMLIN	DESIGNED - DJD	REVISD -
	DRAWN - NV	REVISD -
PLOT SCALE =	CHECKED -	REVISD -
PLOT DATE =	DATE -	REVISD -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL 29
 CROSS SECTIONS**

SCALE: SHEET 1 OF 25 SHEETS STA. 41+00.00 TO STA. 43+00.00

F.A.S. RTE. 1252	SECTION (R-4)CR	COUNTY	TOTAL SHEETS 100	SHEET NO. 76
ILLINOIS FED. AID PROJECT			CONTRACT NO. 66F91	

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

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

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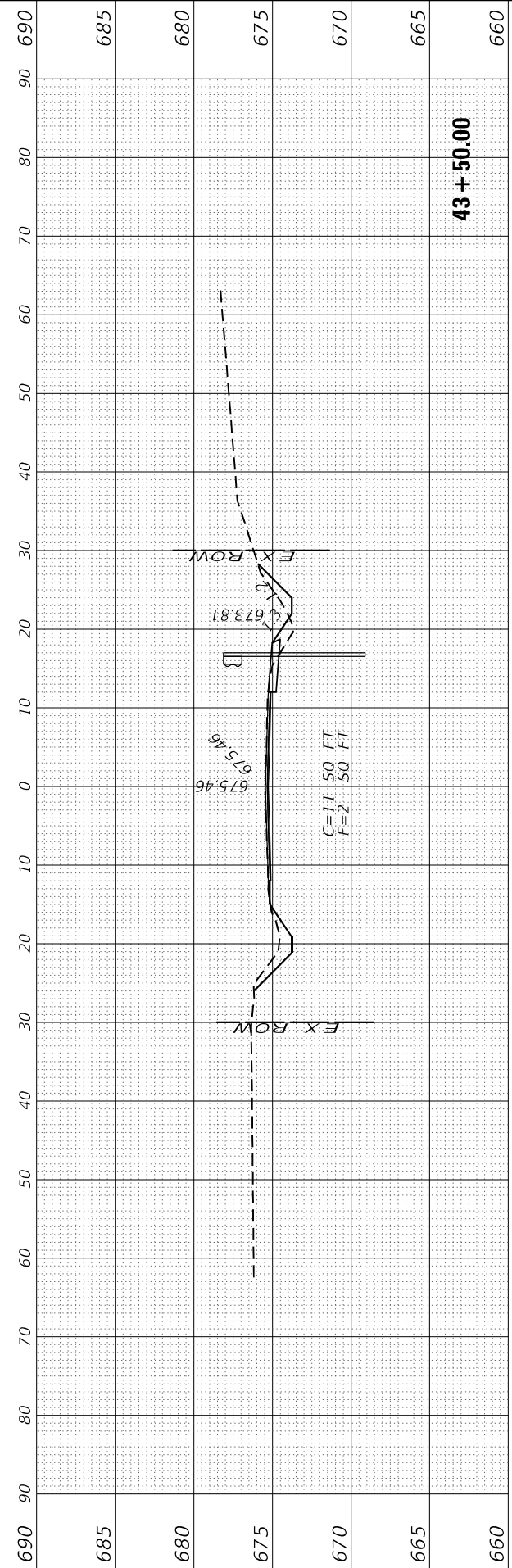
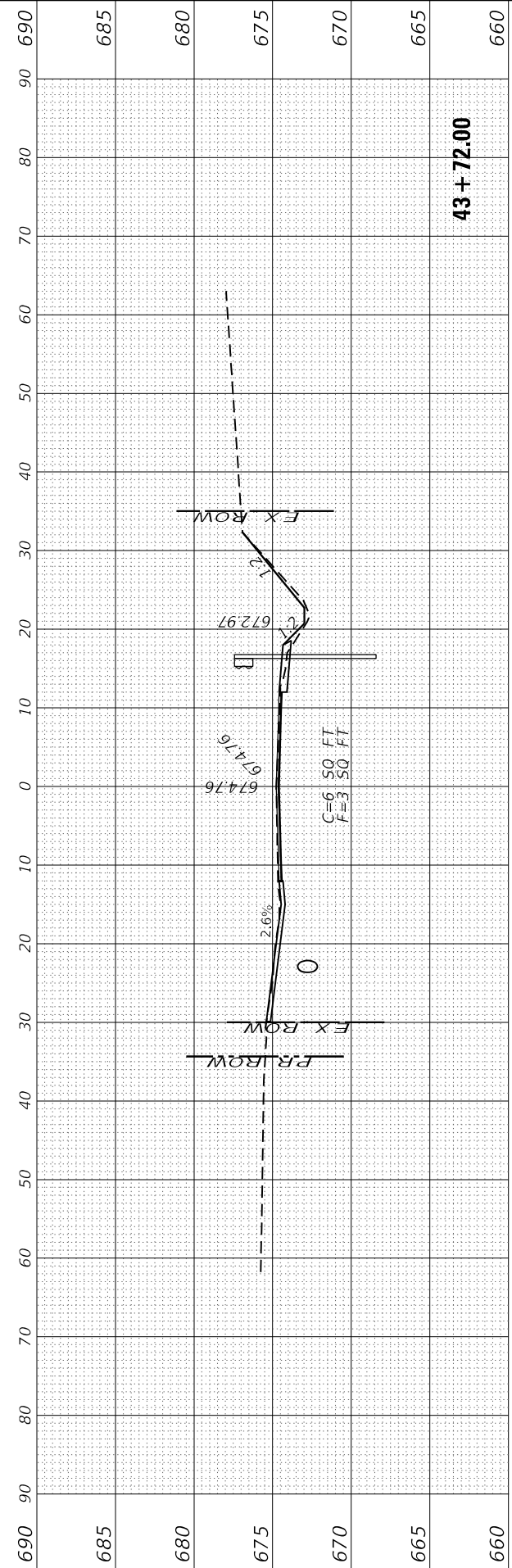
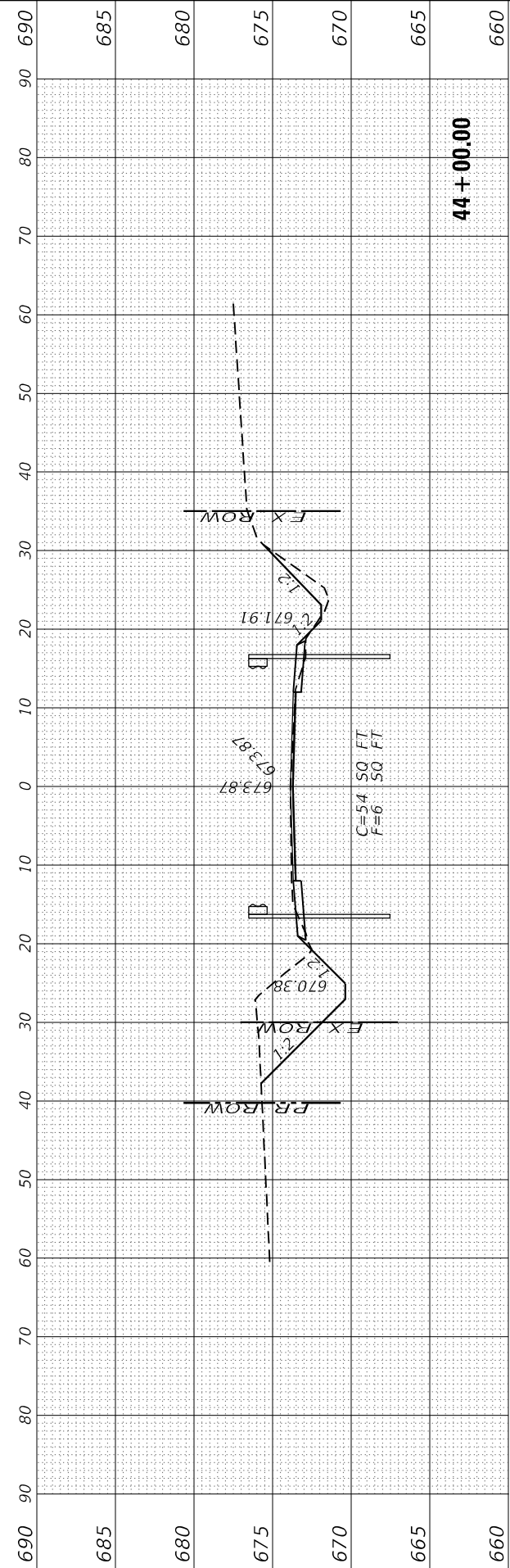
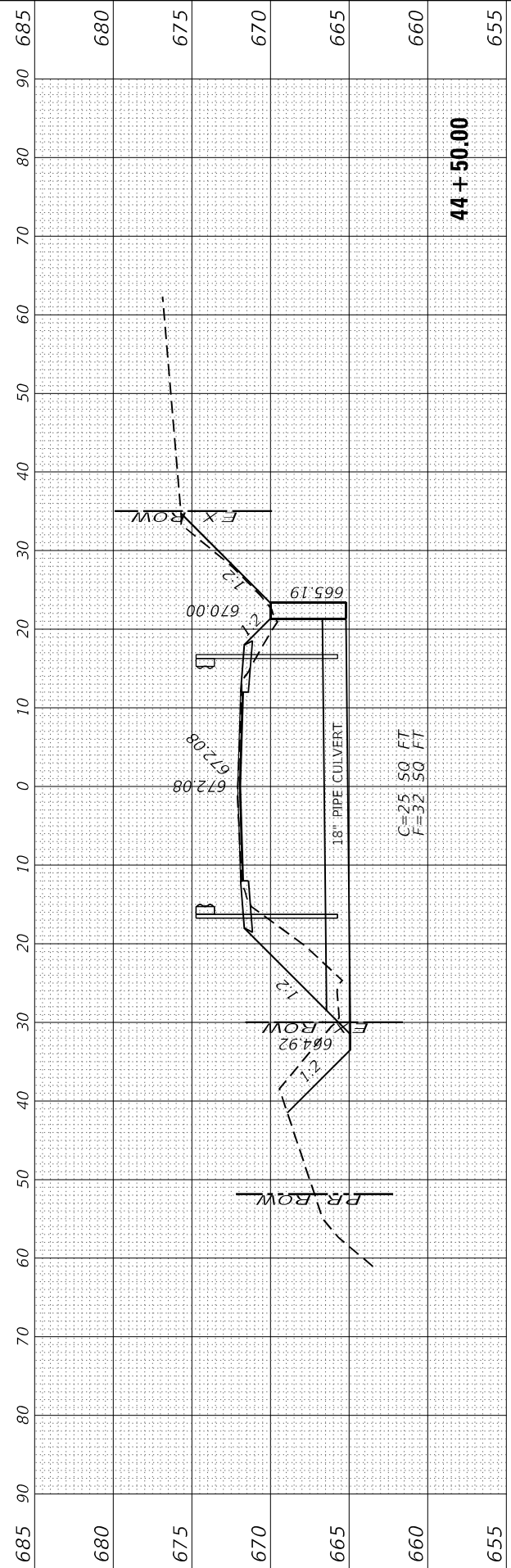
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REVISD	-
REVISD	-
REVISD	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL 29
 CROSS SECTIONS**

SCALE: SHEET 2 OF 25 SHEETS STA. 43+50.00 TO STA. 44+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1252	(R-4)CR	BUREAU	100	77
CONTRACT NO. 66F91				
ILLINOIS FED. AID PROJECT				



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

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

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 PLOT SCALE = 1" = 40'
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DESIGNED - DJD
 DRAWN - NV
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 DATE -

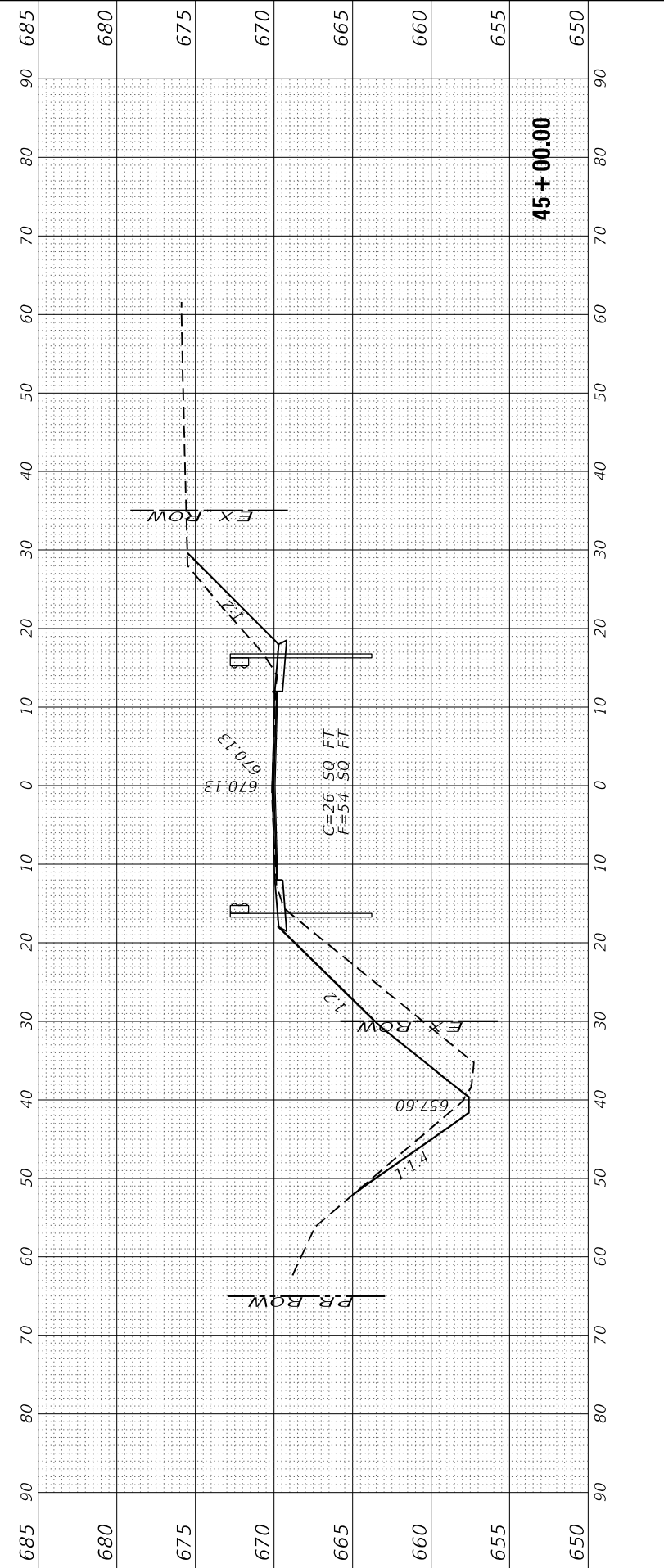
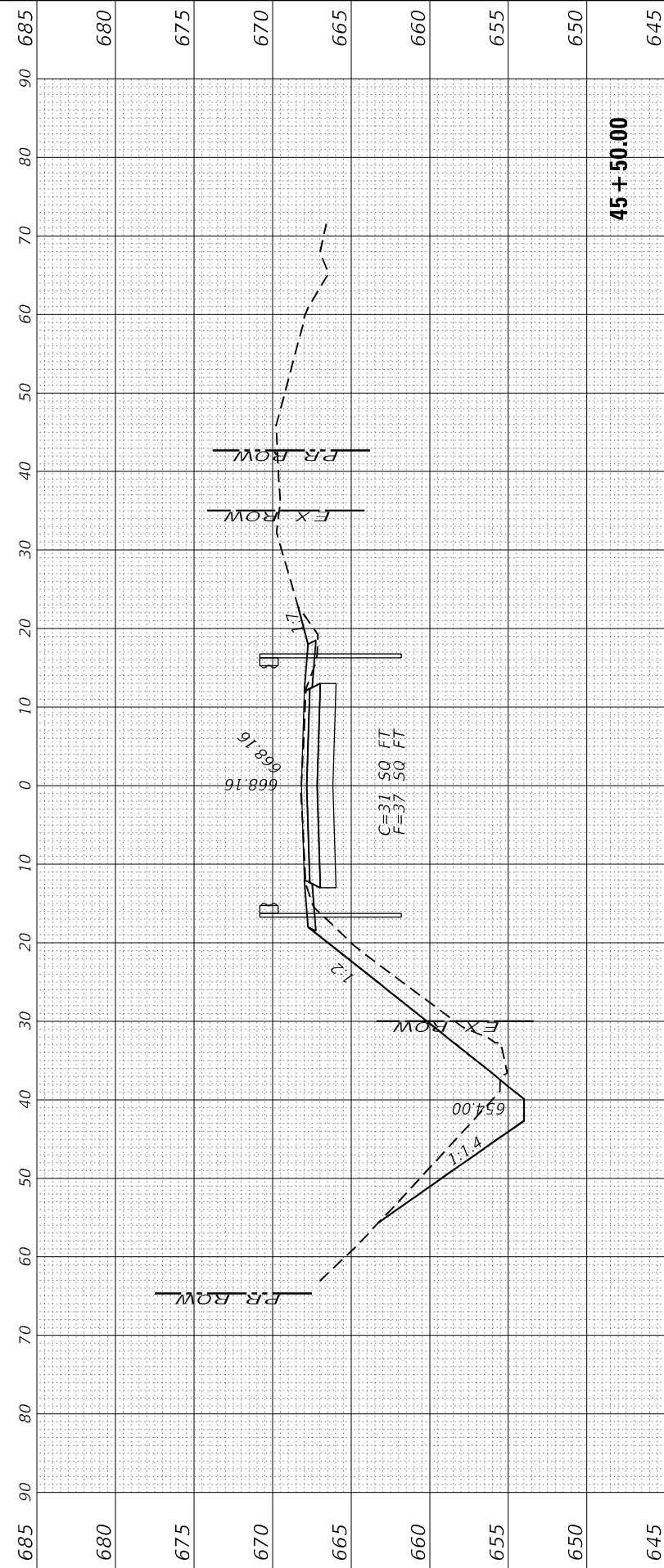
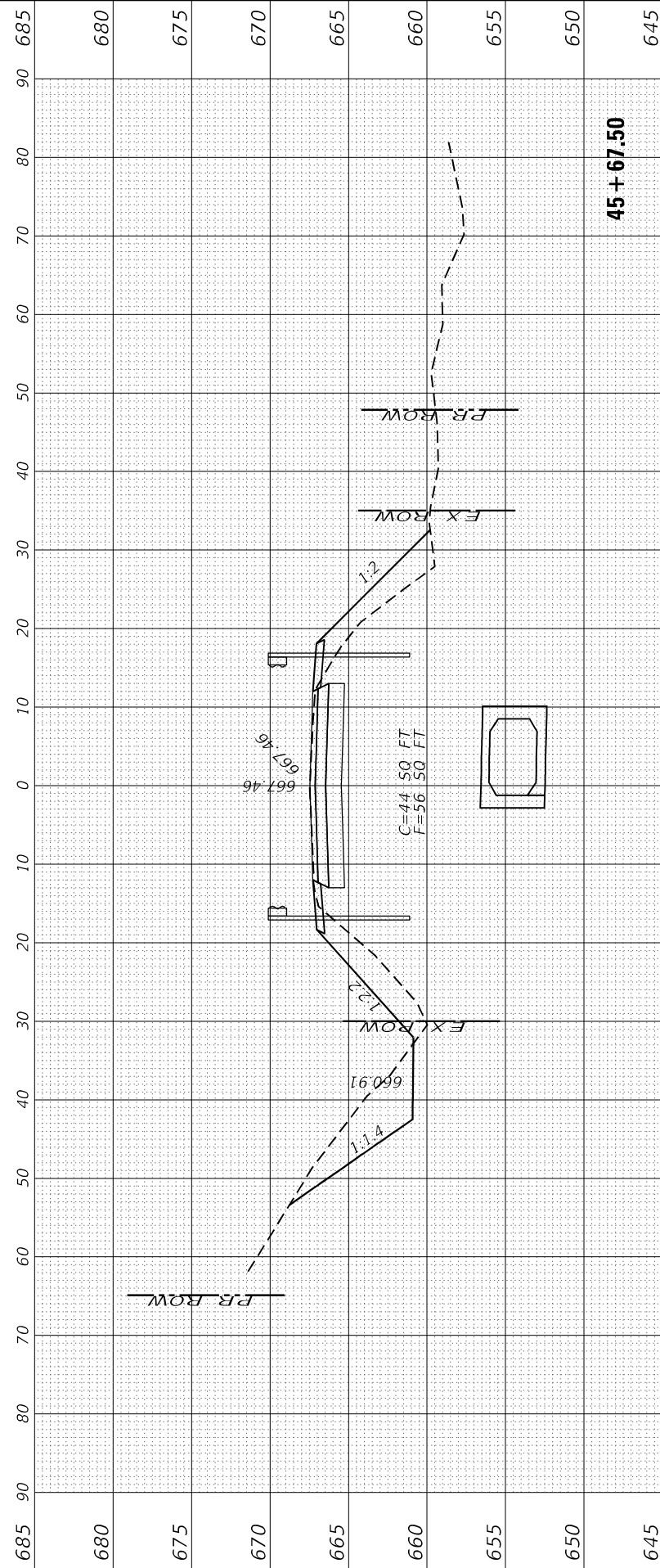
REVISED -
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 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL 29
 CROSS SECTIONS

SCALE: SHEET 3 OF 25 SHEETS STA. 45+00.00 TO STA. 45+67.50

F.A.S. RTE. 1252	SECTION (R-4)CR	COUNTY	TOTAL SHEETS 100	SHEET NO. 78
ILLINOIS FED. AID PROJECT			CONTRACT NO. 66F91	



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

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

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PLOT SCALE =	DRAWN - NV	REVISD -
PLOT DATE =	CHECKED -	REVISD -
	DATE -	REVISD -

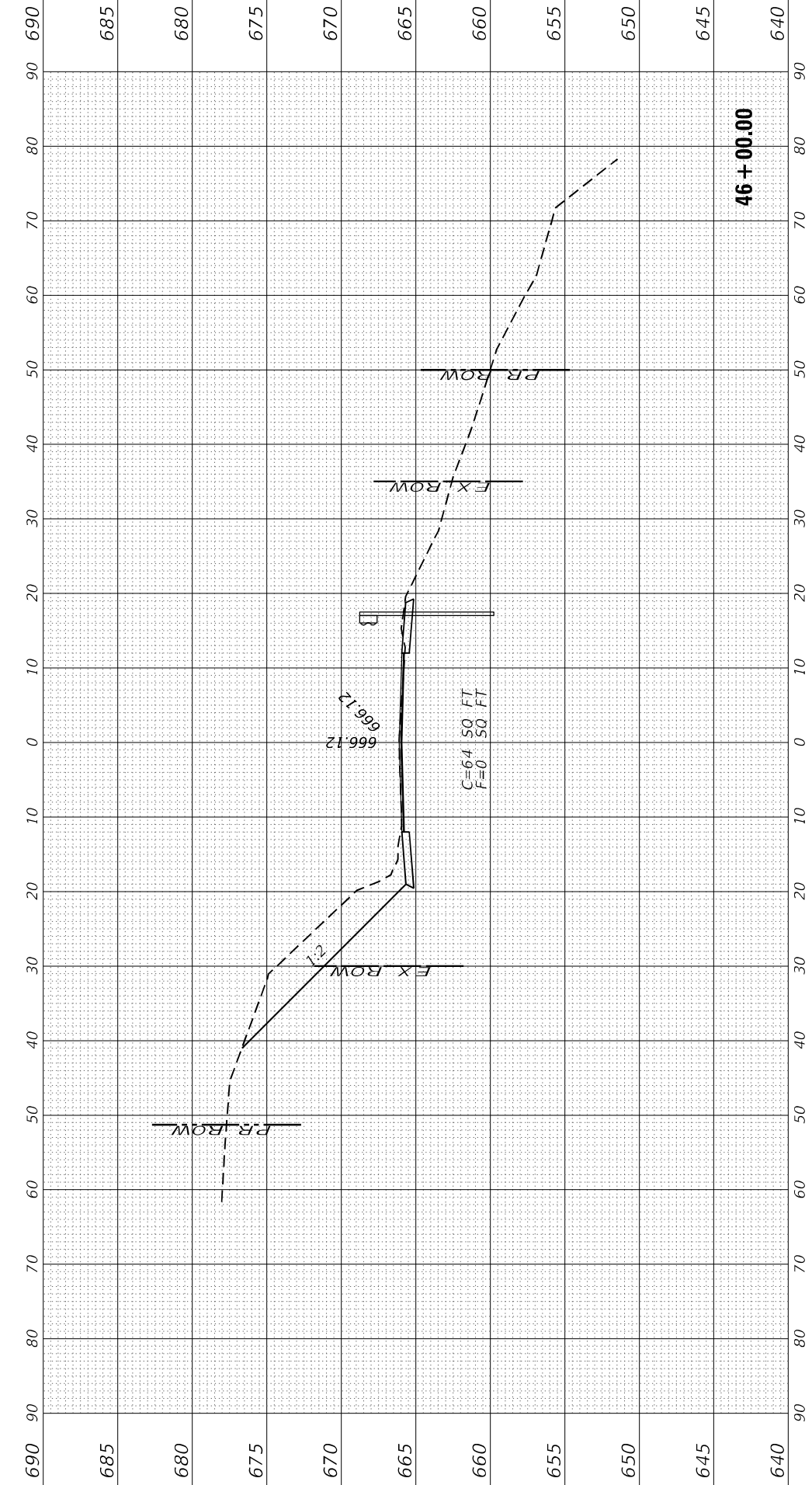
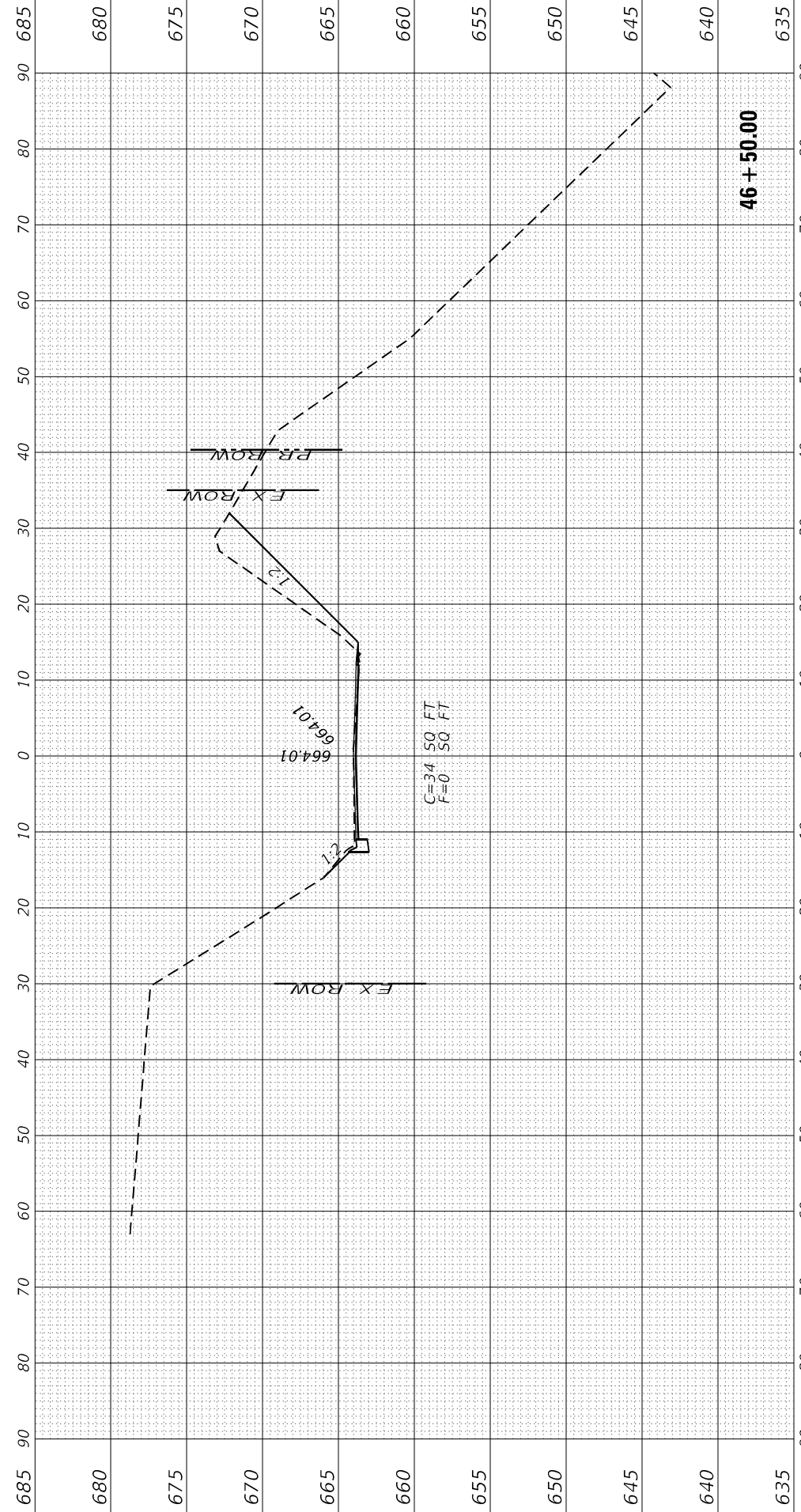
DESIGNED - DJD	REVISD -
DRAWN - NV	REVISD -
CHECKED -	REVISD -
DATE -	REVISD -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 29
CROSS SECTIONS**

SCALE: SHEET 4 OF 25 SHEETS STA. 46+00.00 TO STA. 46+50.00

F.A.S. RTE. 1252	SECTION (R-4)CR	COUNTY	TOTAL SHEETS 100	SHEET NO. 79
ILLINOIS FED. AID PROJECT			CONTRACT NO. 66F91	



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

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

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USER NAME = CHAMLIN	DESIGNED - DJD	REVISOR -
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PLOT DATE =	CHECKED -	REVISOR -
	DATE -	REVISOR -

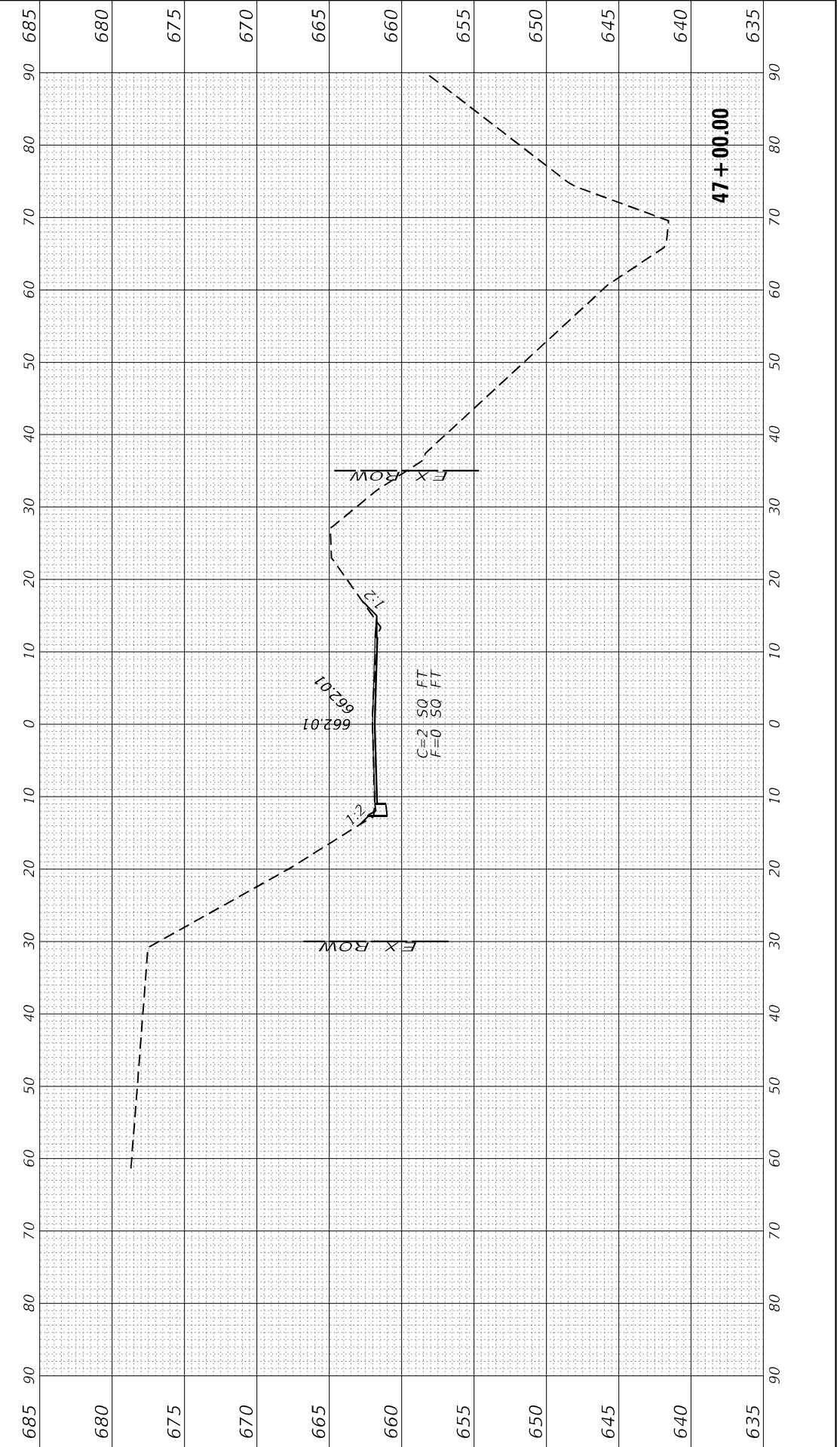
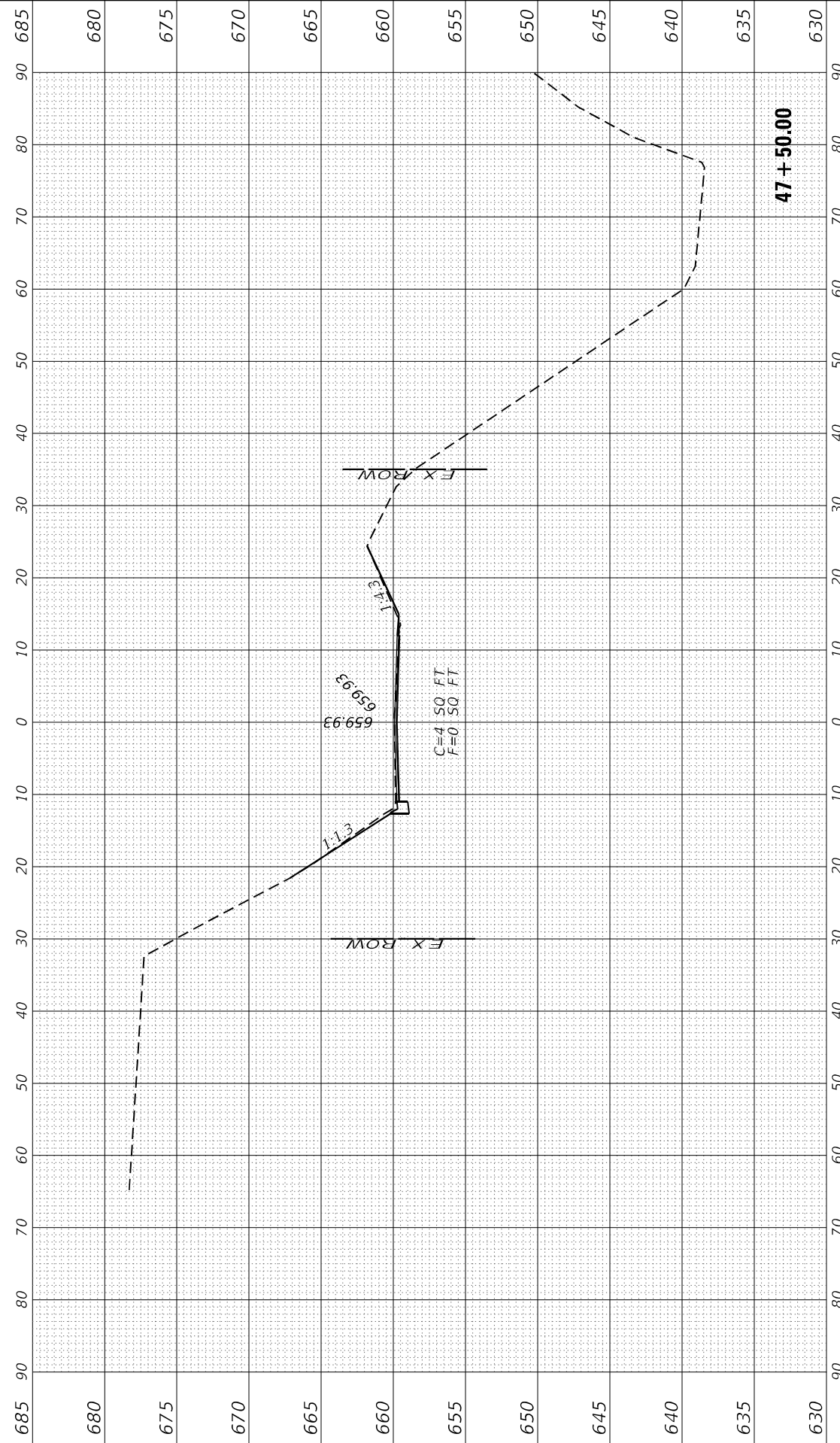
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DRAWN - NV	REVISOR -
CHECKED -	REVISOR -
DATE -	REVISOR -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL 29
 CROSS SECTIONS**

SCALE: SHEET 5 OF 25 SHEETS STA. 47+00.00 TO STA. 47+50.00

F.A.S. RTE. 1252	SECTION (R-4)CR	COUNTY	TOTAL SHEETS 100	SHEET NO. 80
BUREAU			CONTRACT NO. 66F91	
ILLINOIS FED. AID PROJECT				



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

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

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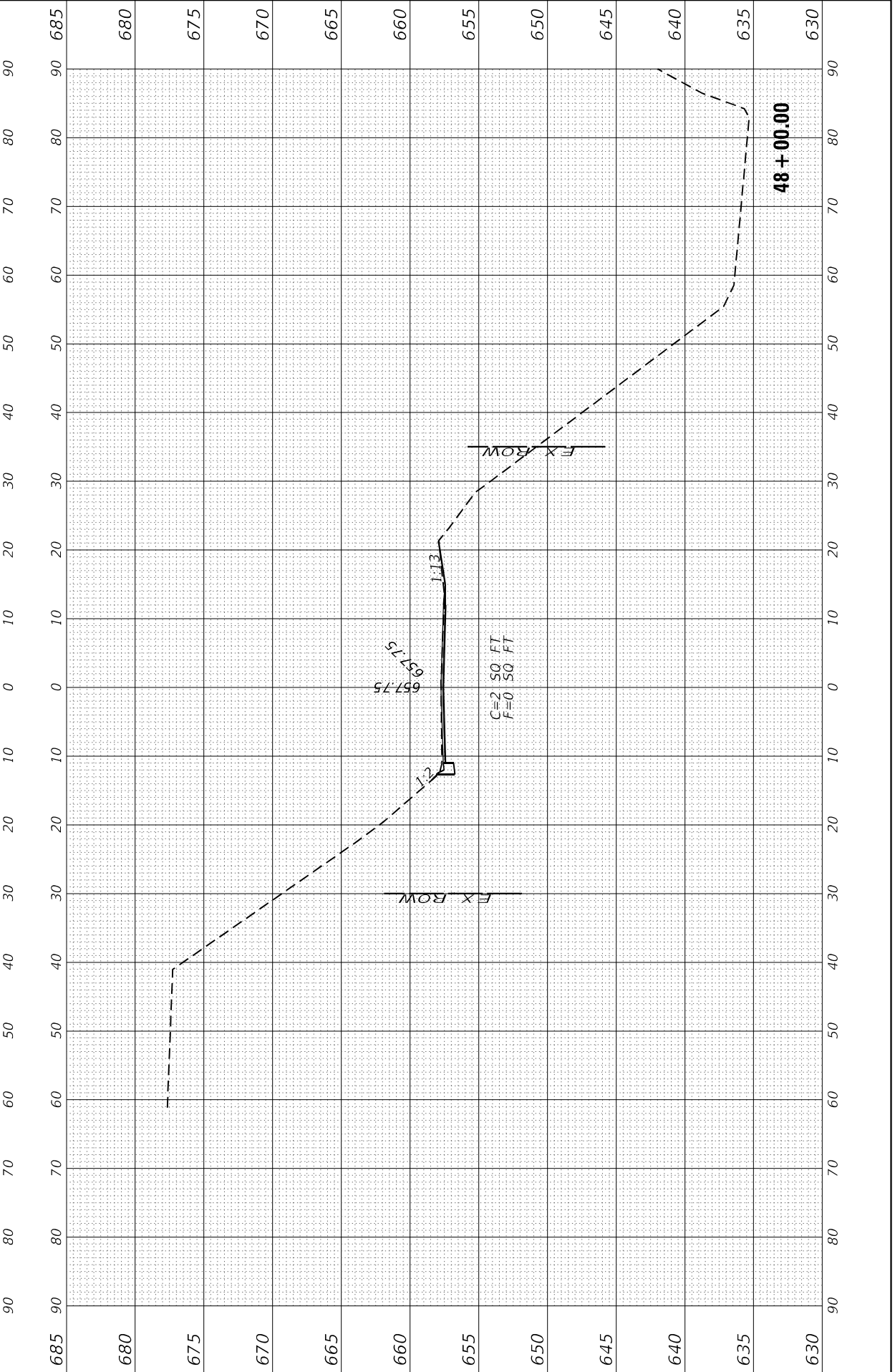
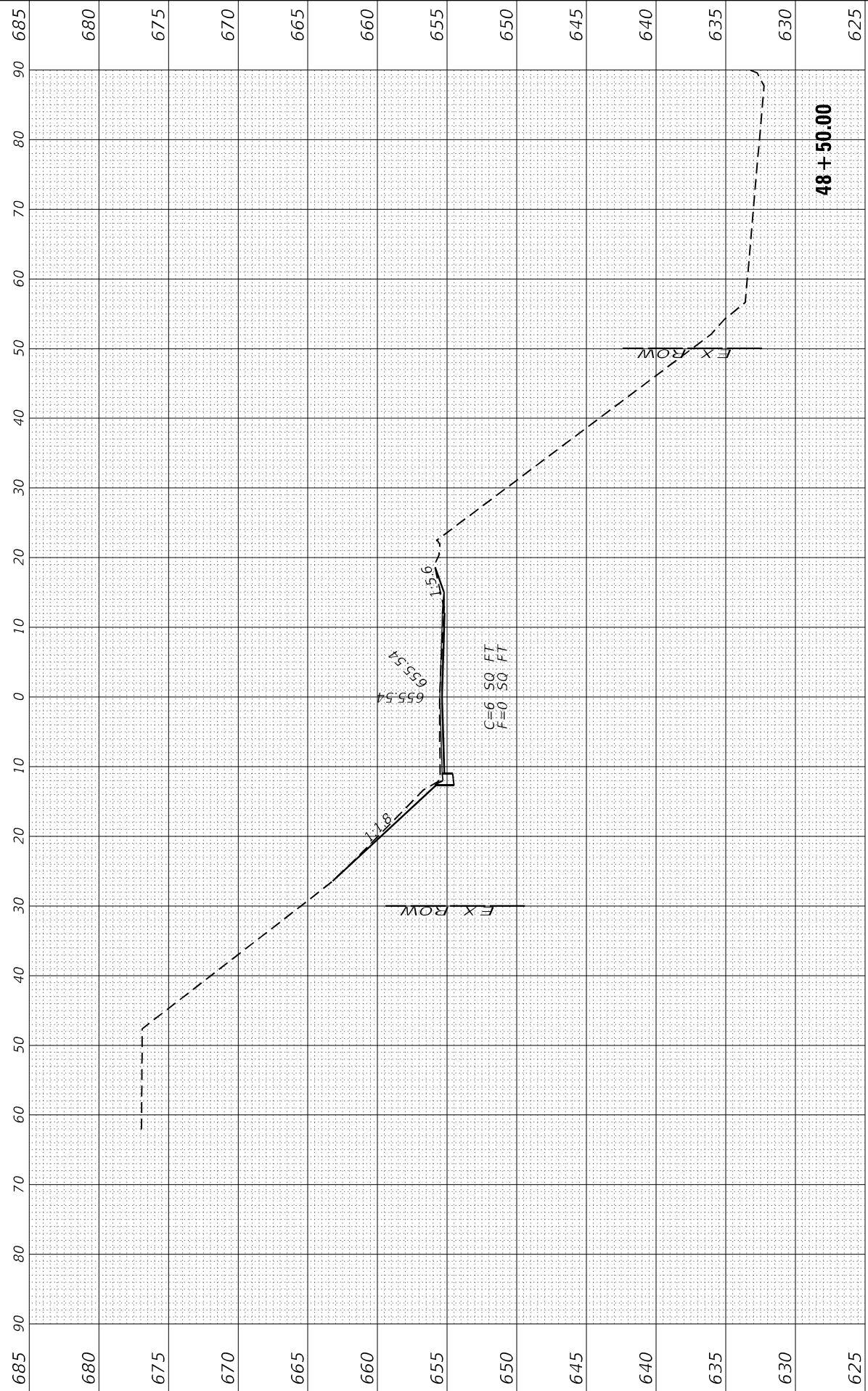
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PLOT DATE =	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 29
CROSS SECTIONS**

SCALE: SHEET 6 OF 25 SHEETS STA. 48+00.00 TO STA. 48+50.00

F.A.S. RTE. 1252	SECTION (R-4)CR	COUNTY	TOTAL SHEETS 100	SHEET NO. 81
ILLINOIS FED. AID PROJECT			CONTRACT NO. 66F91	



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

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

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PLOT SCALE =	DRAWN - NV	REVISOR -
PLOT DATE =	CHECKED -	REVISOR -
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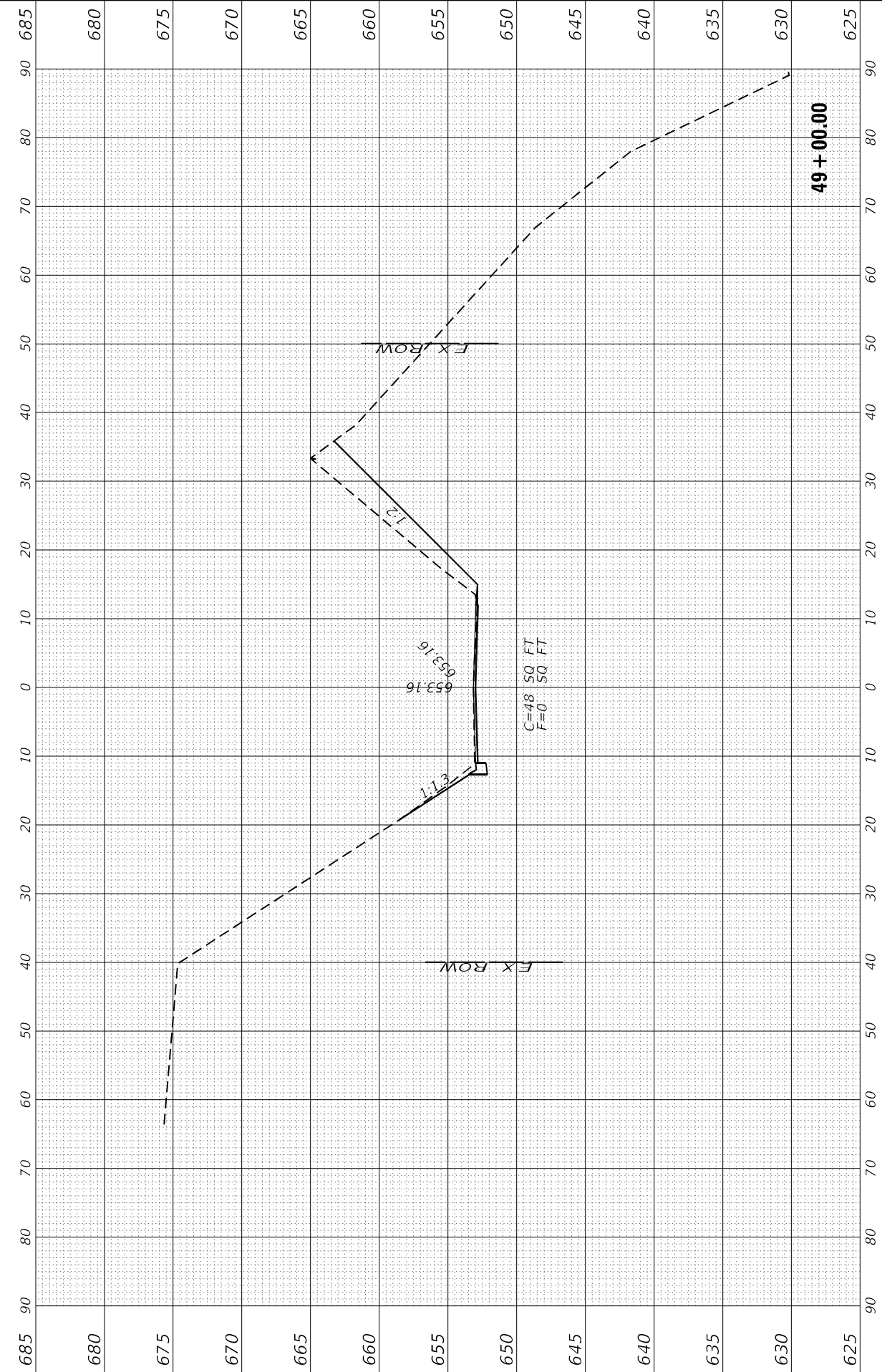
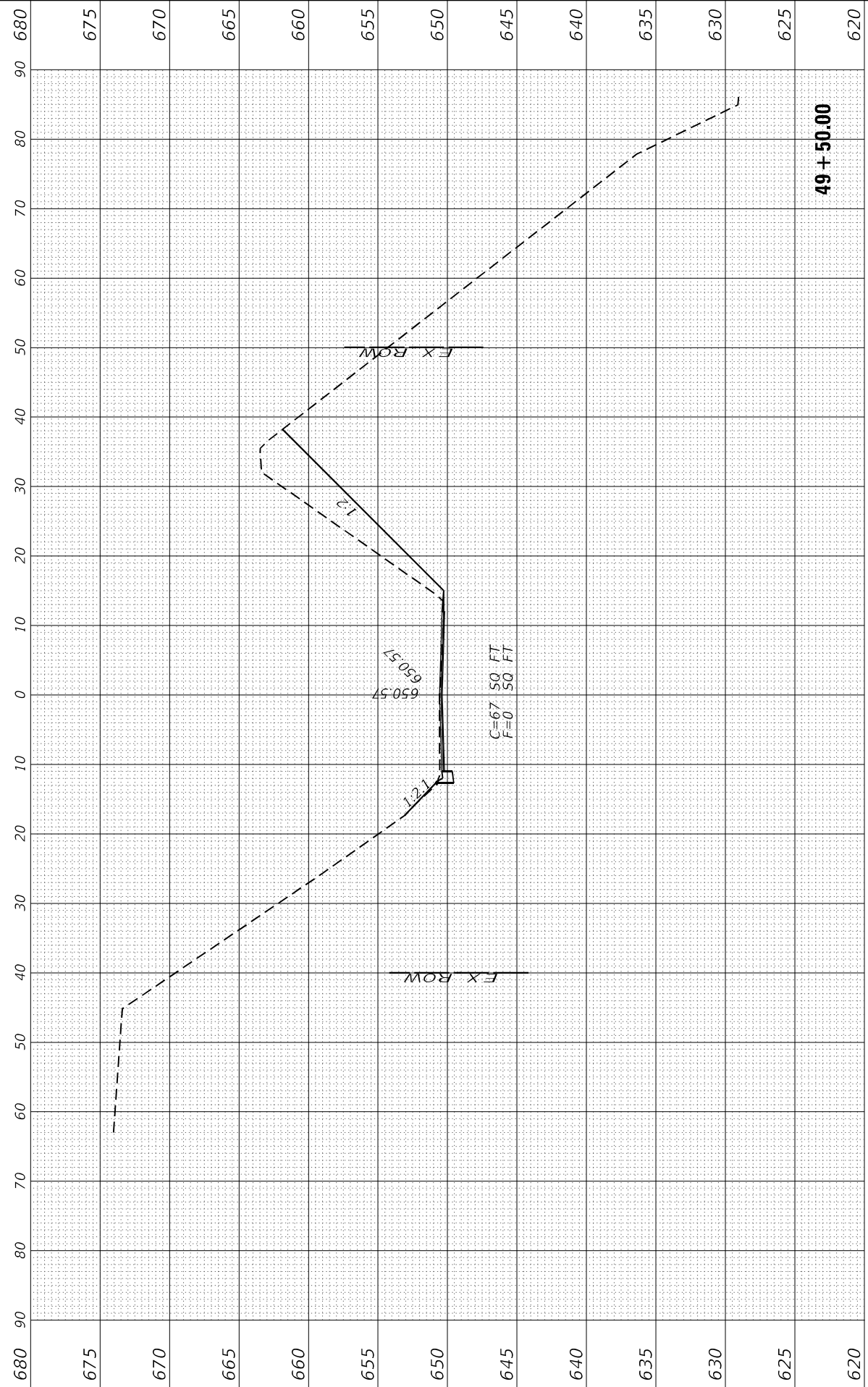
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DRAWN - NV	REVISOR -
CHECKED -	REVISOR -
DATE -	REVISOR -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 29
CROSS SECTIONS**

SCALE: SHEET 7 OF 25 SHEETS STA. 49+00.00 TO STA. 49+50.00

F.A.S. RTE. 1252	SECTION (R-4)CR	COUNTY	TOTAL SHEETS 100	SHEET NO. 82
BUREAU			CONTRACT NO. 66F91	
ILLINOIS FED. AID PROJECT				



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

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

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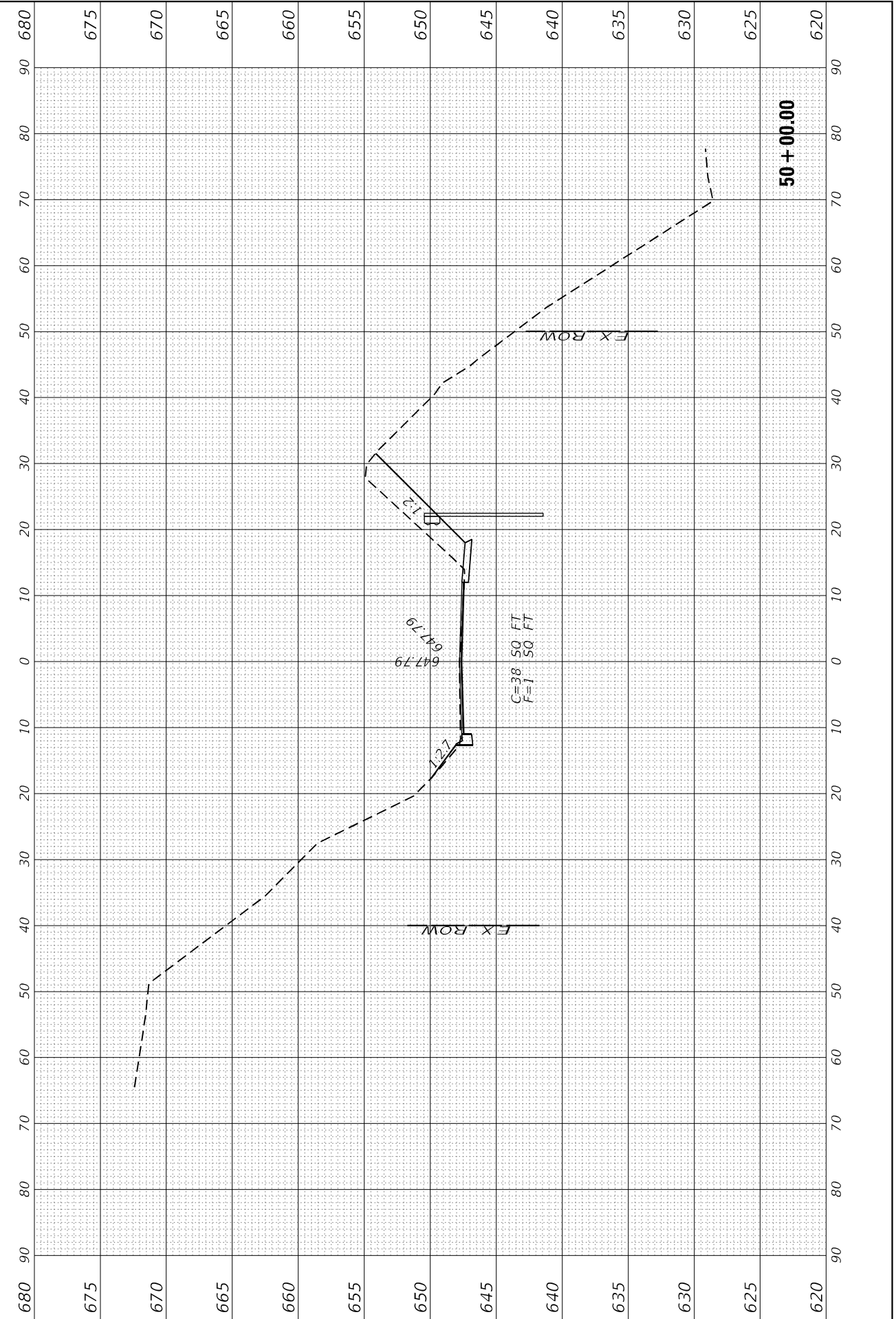
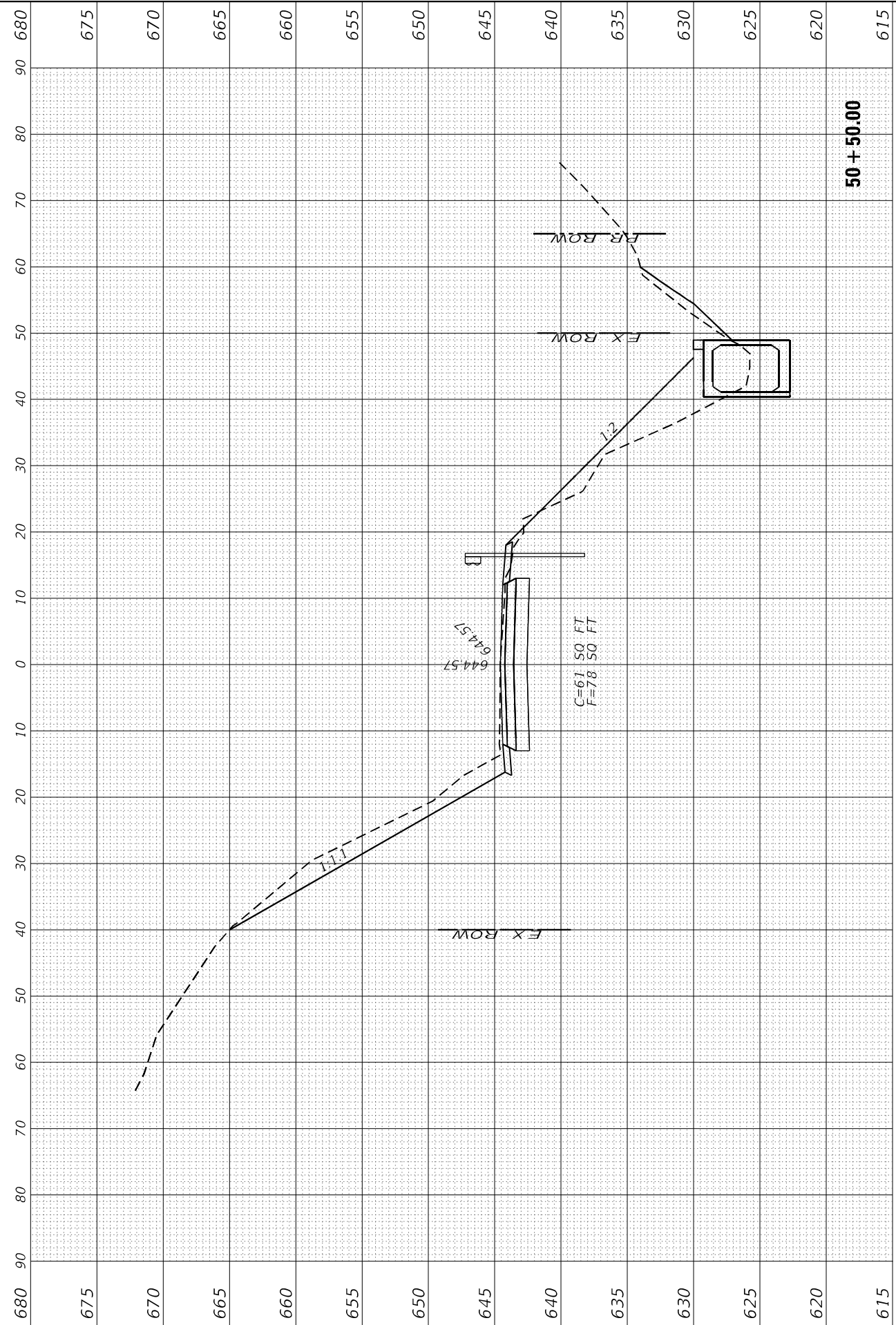
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL 29
 CROSS SECTIONS

SCALE: SHEET 8 OF 25 SHEETS STA. 50+00.00 TO STA. 50+50.00

F.A.S. RTE. 1252	SECTION (R-4)CR	COUNTY	TOTAL SHEETS 100	SHEET NO. 83
ILLINOIS FED. AID PROJECT			CONTRACT NO. 66F91	



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

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

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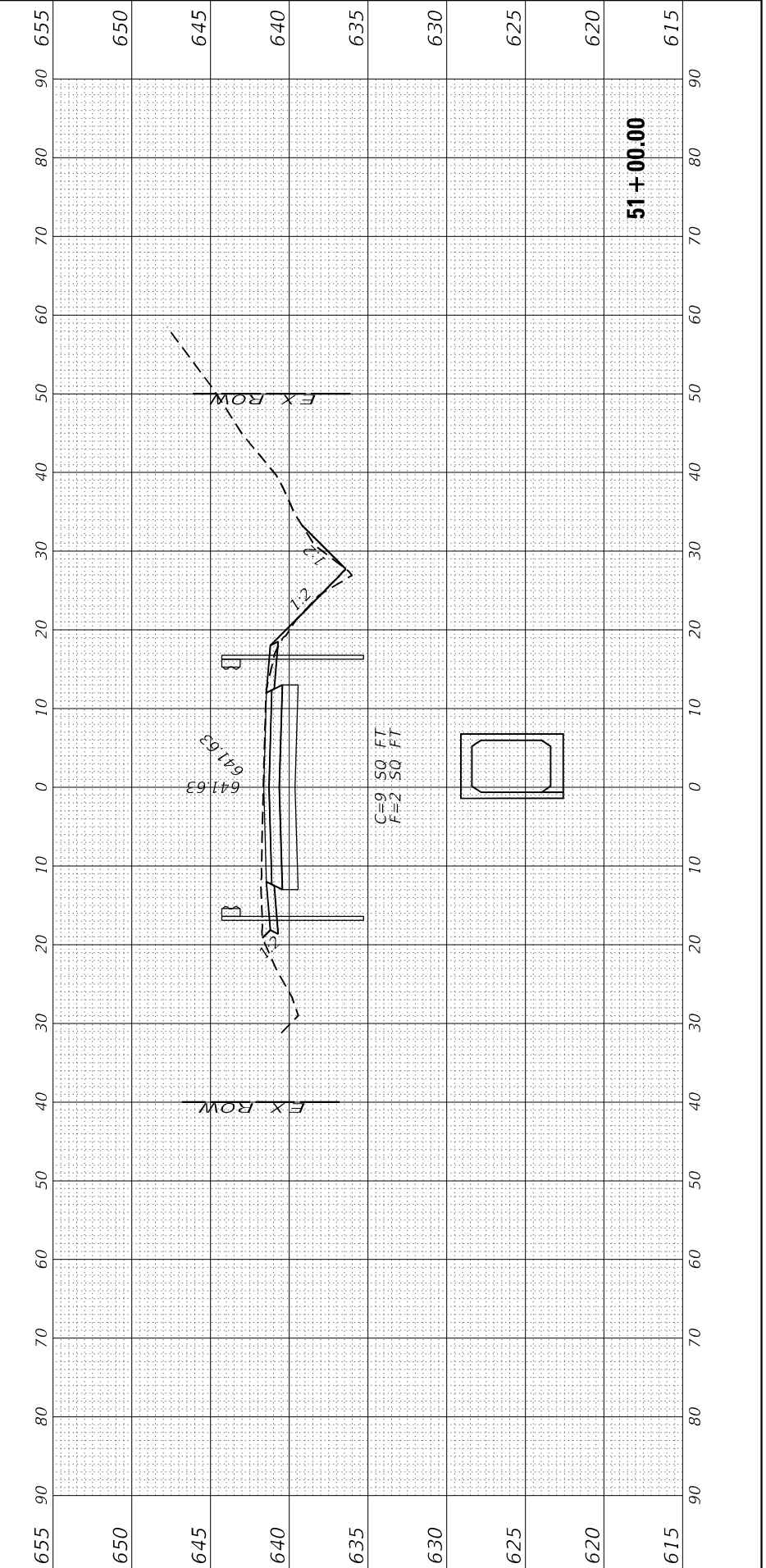
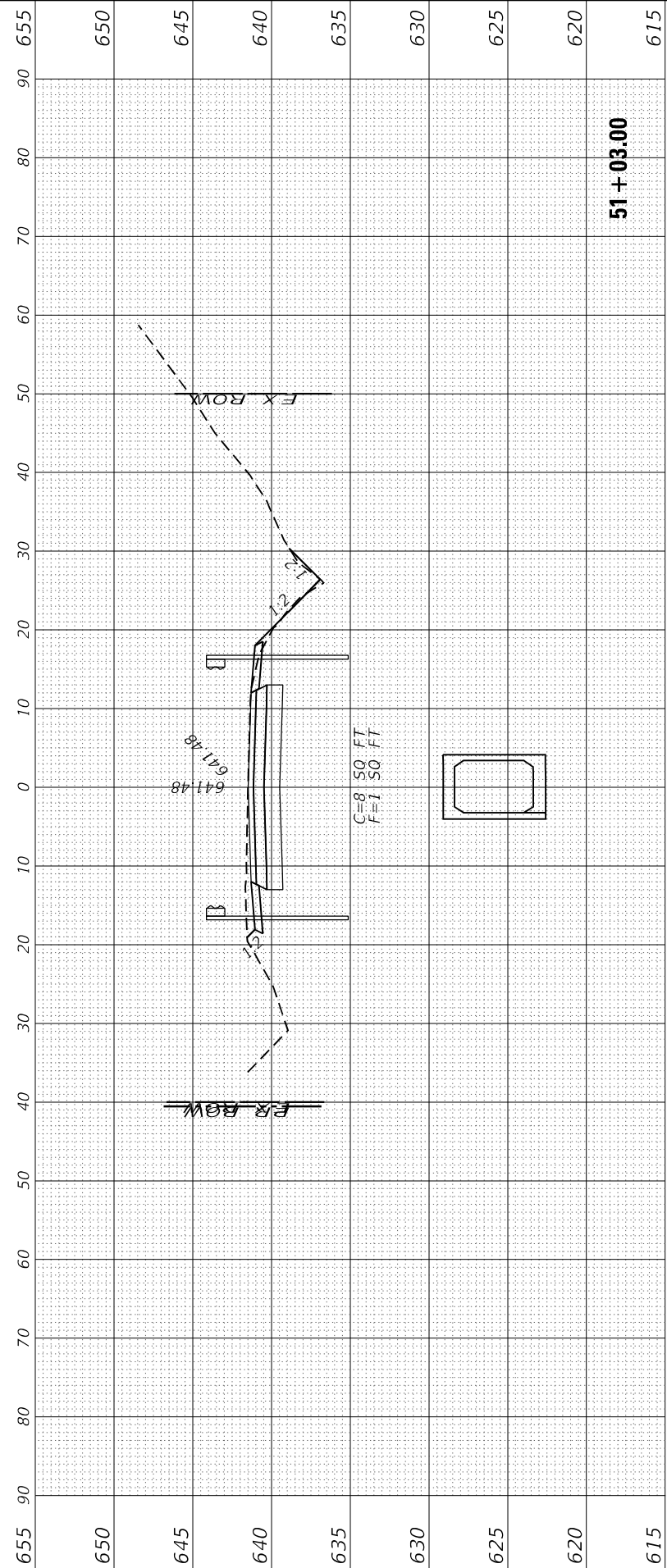
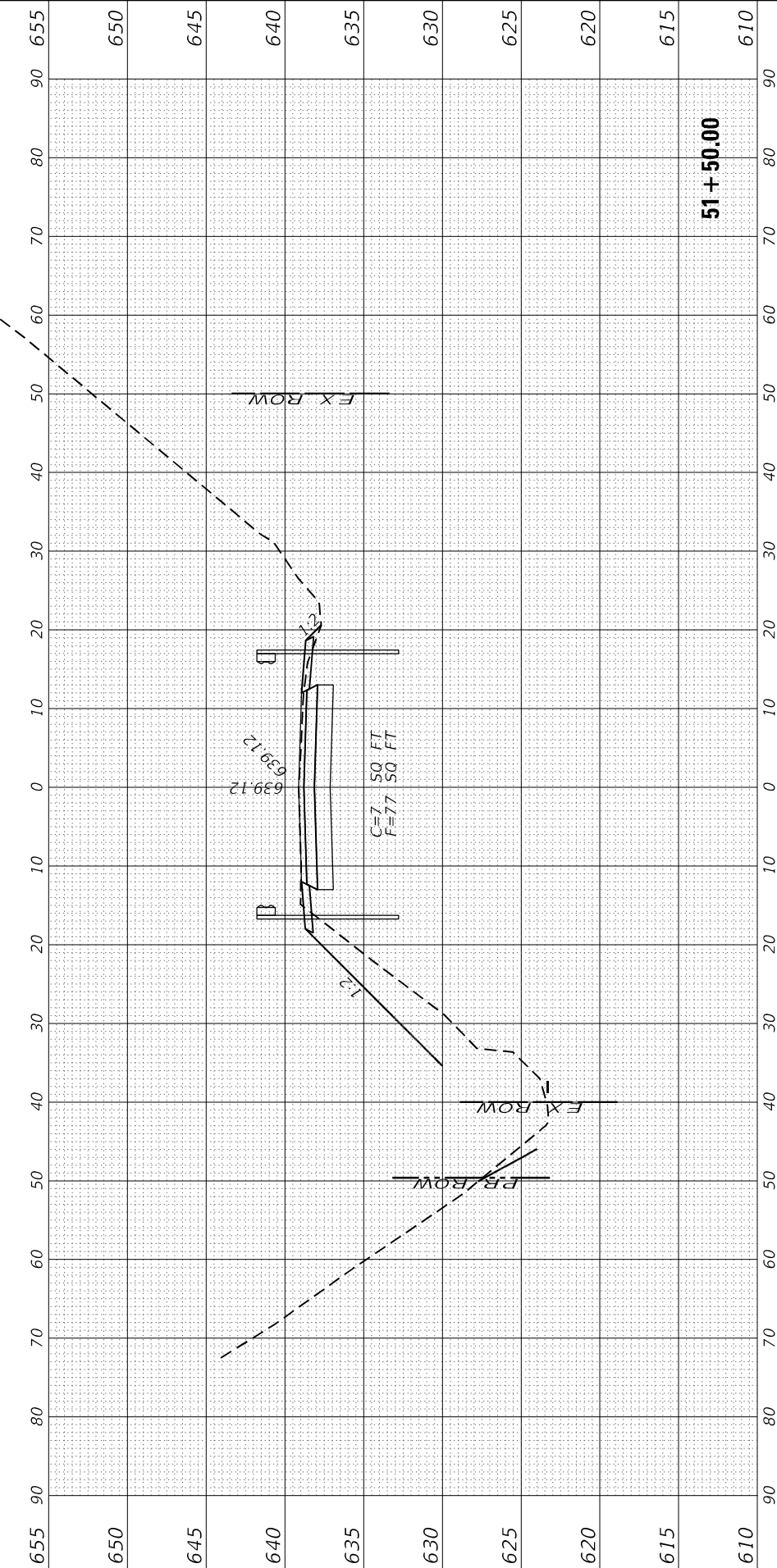
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DRAWN - NV	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL 29
 CROSS SECTIONS**

SCALE: SHEET 9 OF 25 SHEETS STA. 51+00.00 TO STA. 51+50.00

F.A.S. RTE. 1252	SECTION (R-4)CR	COUNTY	TOTAL SHEETS 100	SHEET NO. 84
ILLINOIS		FED. AID PROJECT	CONTRACT NO. 66F91	



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

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

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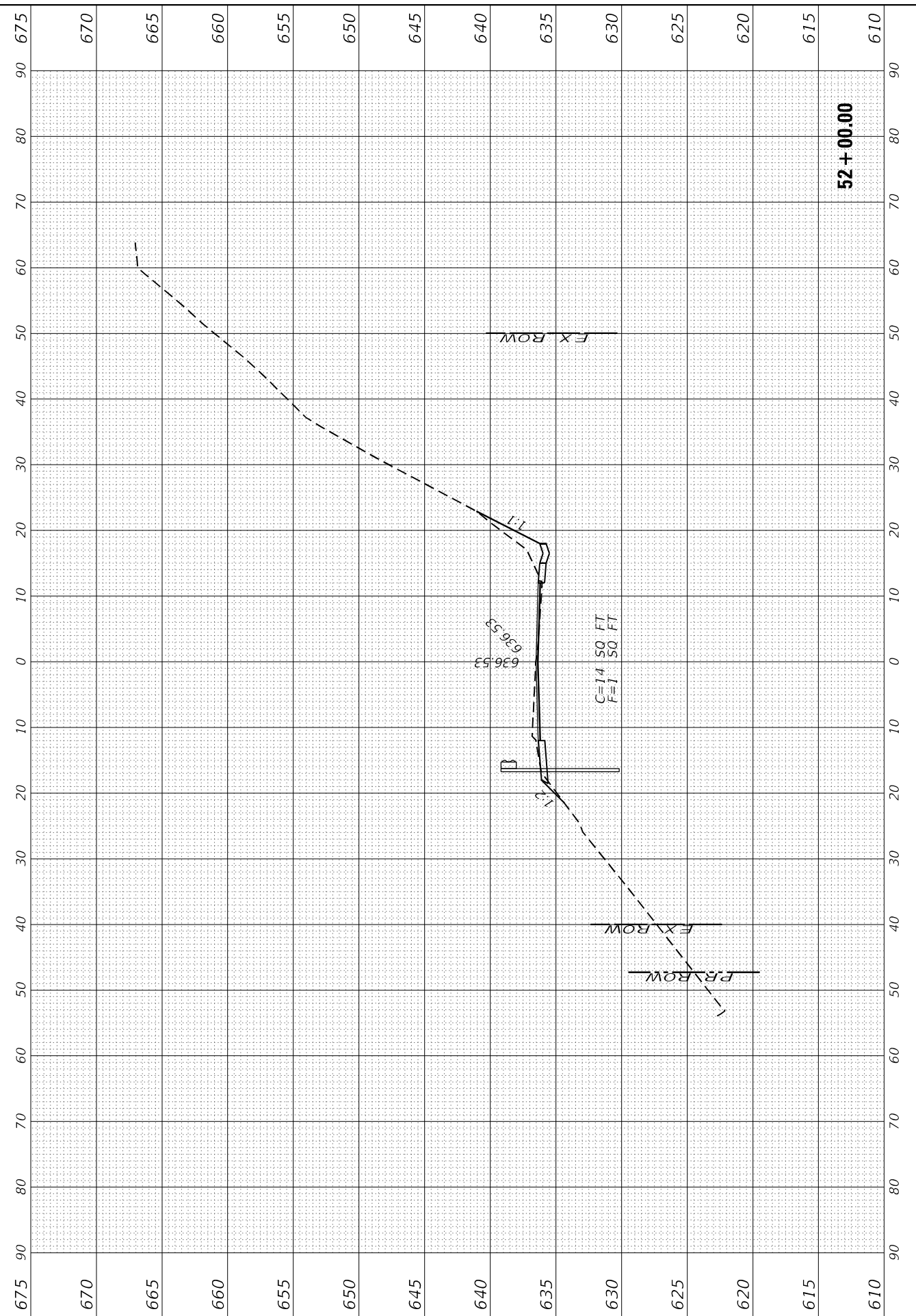
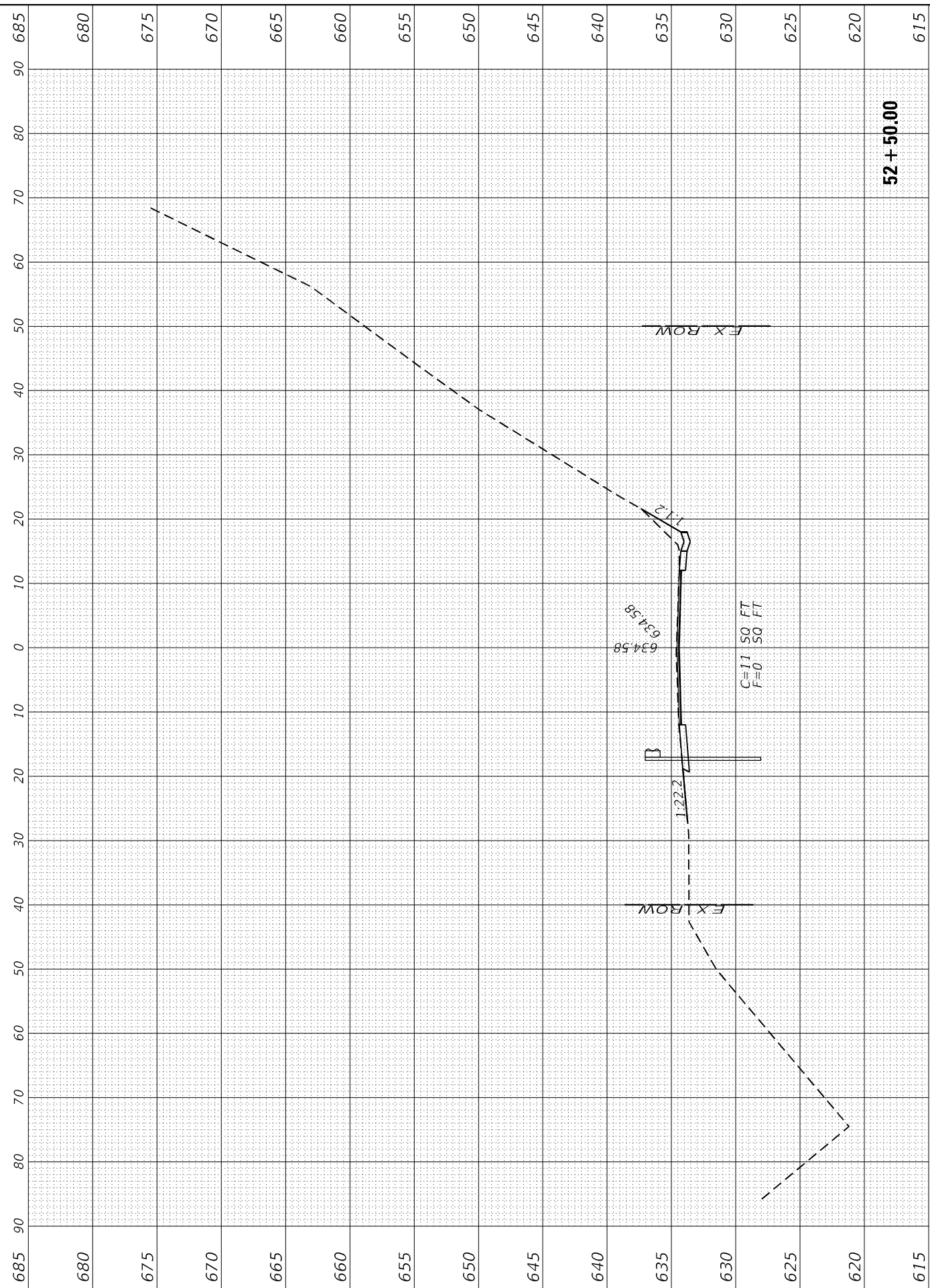
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 29
CROSS SECTIONS**

SCALE: SHEET 10 OF 25 SHEETS STA. 52+00.00 TO STA. 52+50.00

F.A.S. RTE. 1252	SECTION (R-4)CR	COUNTY	TOTAL SHEETS 100	SHEET NO. 85
BUREAU			CONTRACT NO. 66F91	
ILLINOIS FED. AID PROJECT				



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

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

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 CHECKED -
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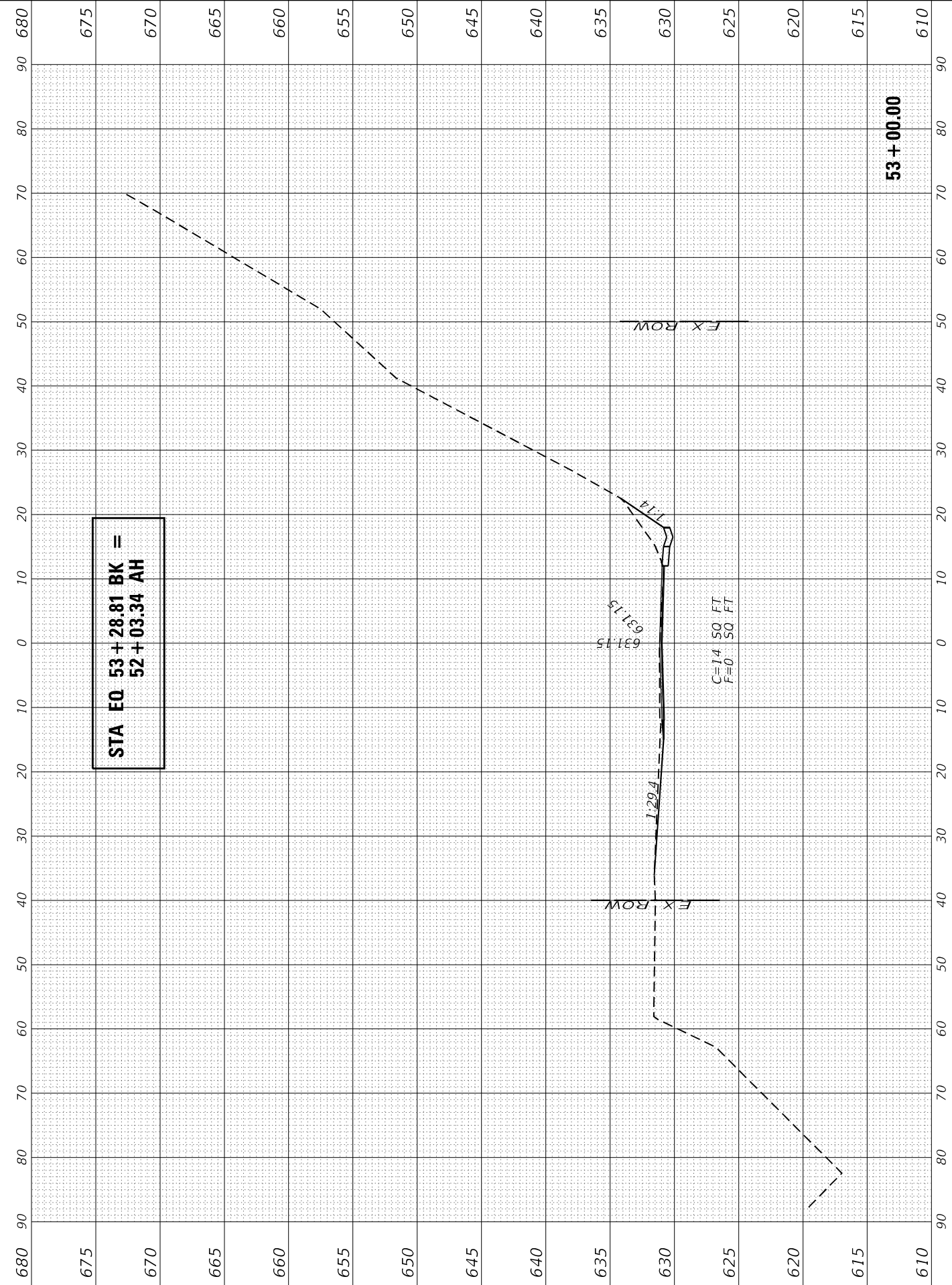
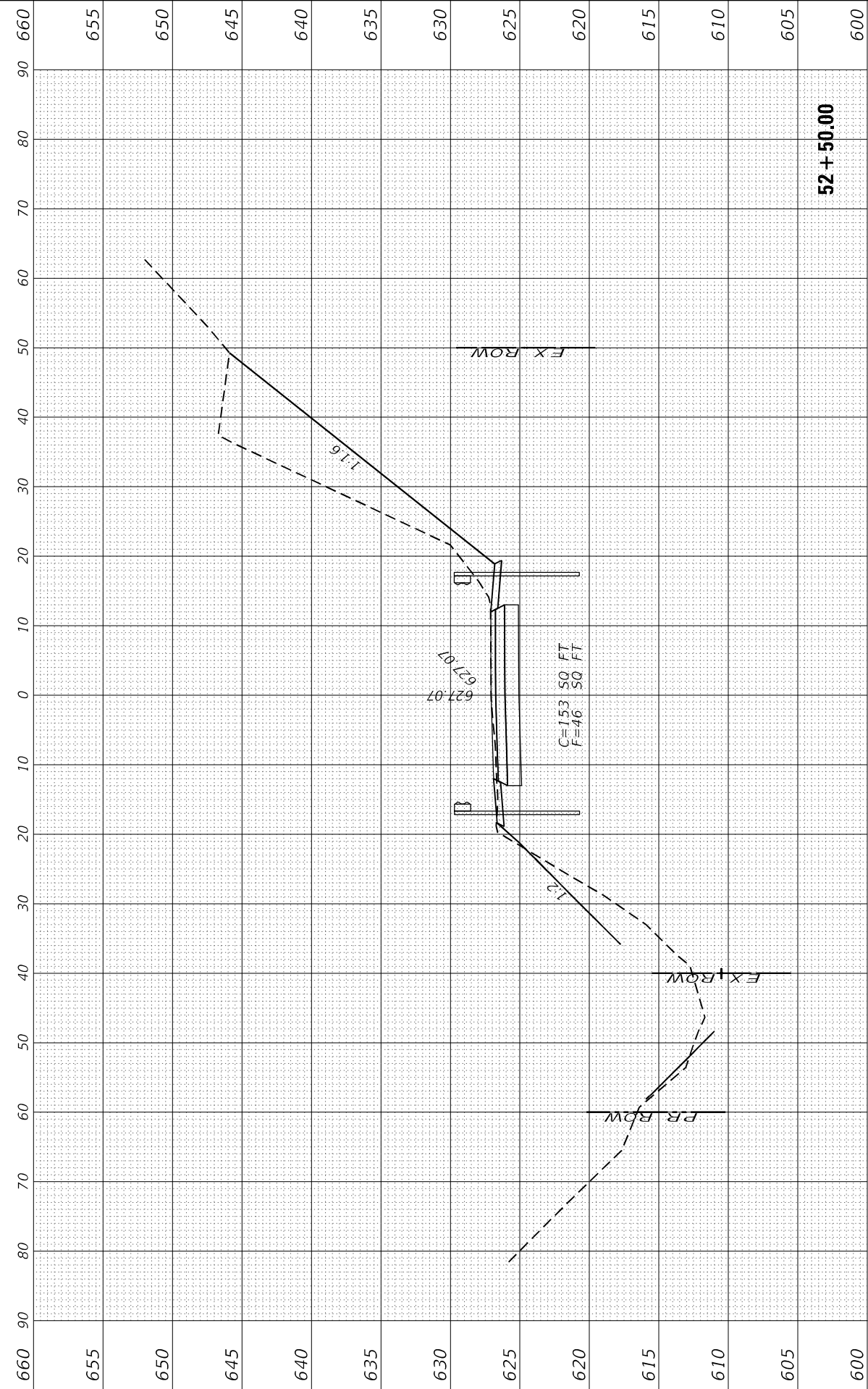
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL 29
 CROSS SECTIONS

SCALE: SHEET 11 OF 25 SHEETS STA. 53+00.00 TO STA. 52+50.00

F.A.S. RTE. 1252	SECTION (R-4)CR	COUNTY	TOTAL SHEETS 100	SHEET NO. 86
BUREAU			CONTRACT NO. 66F91	
ILLINOIS FED. AID PROJECT				



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

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

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 CHECKED -
 DATE -

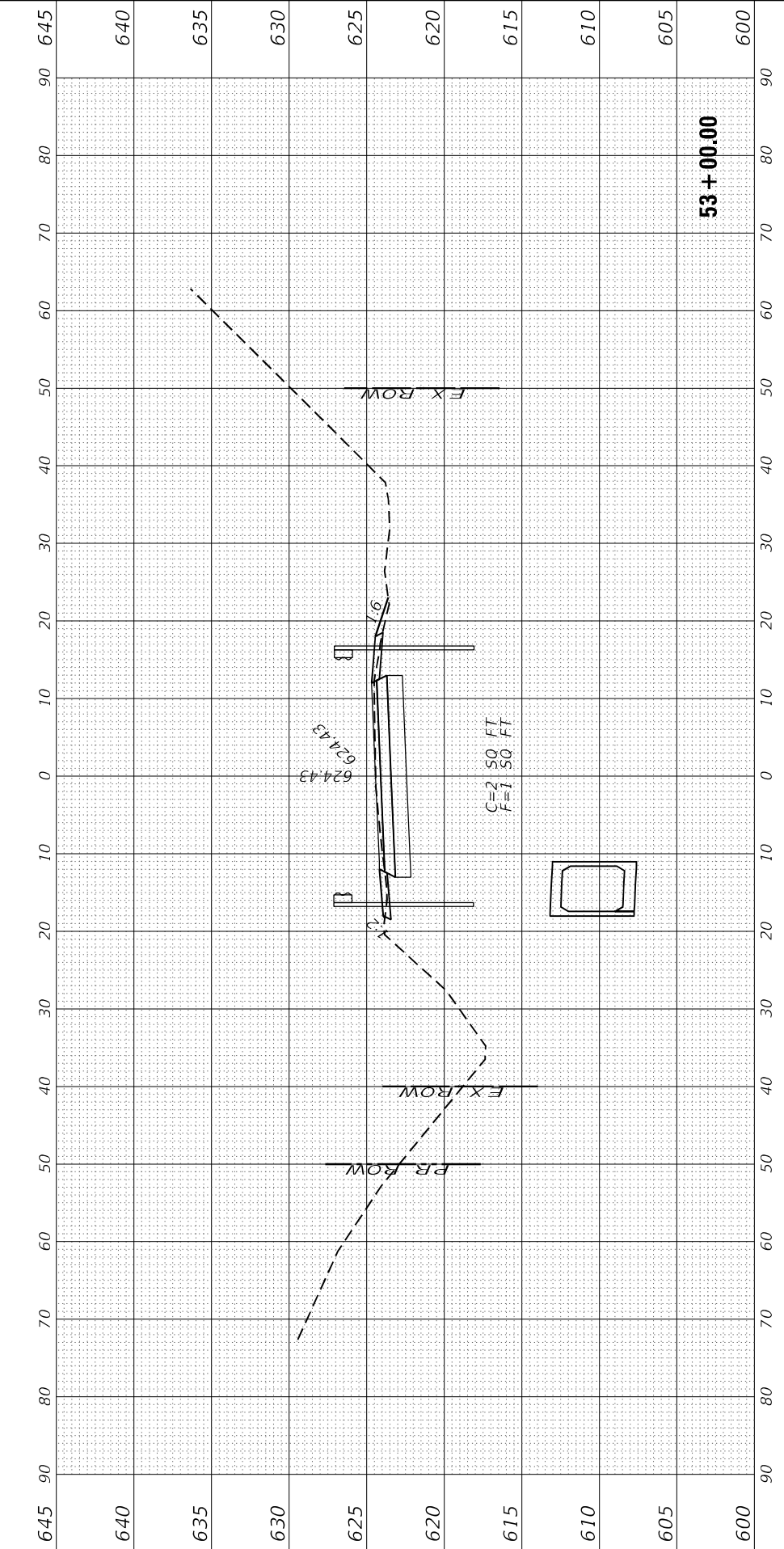
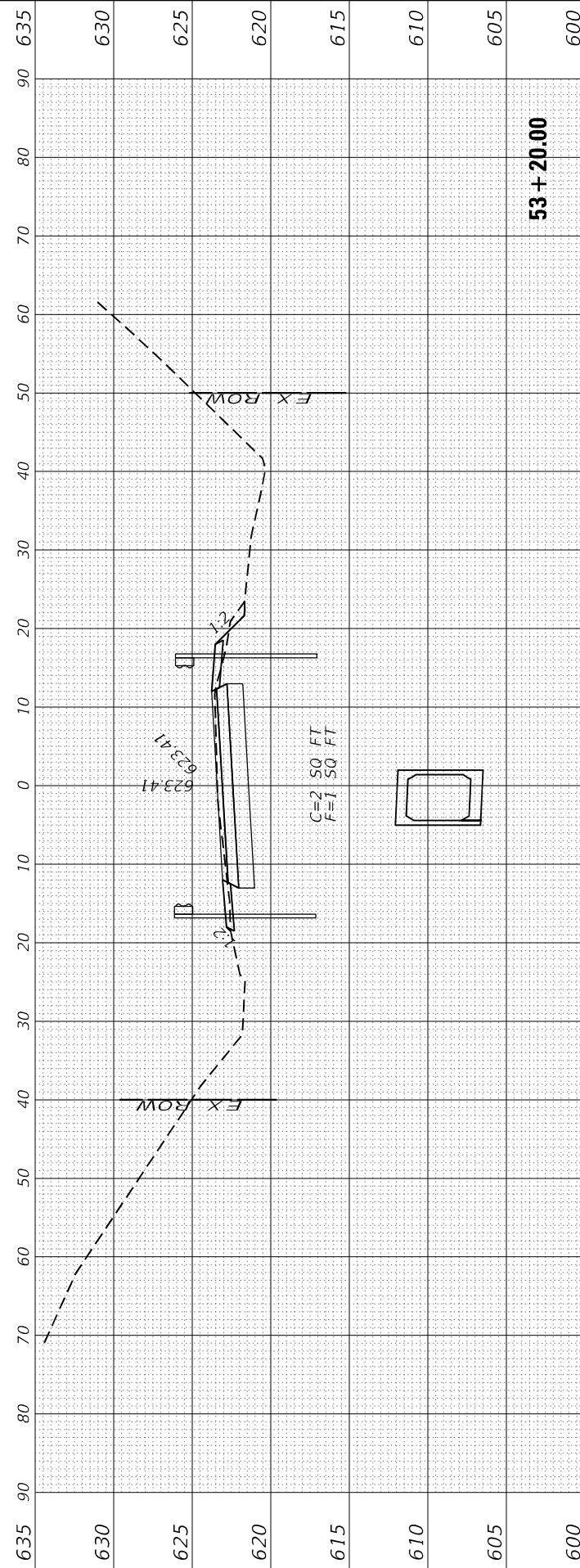
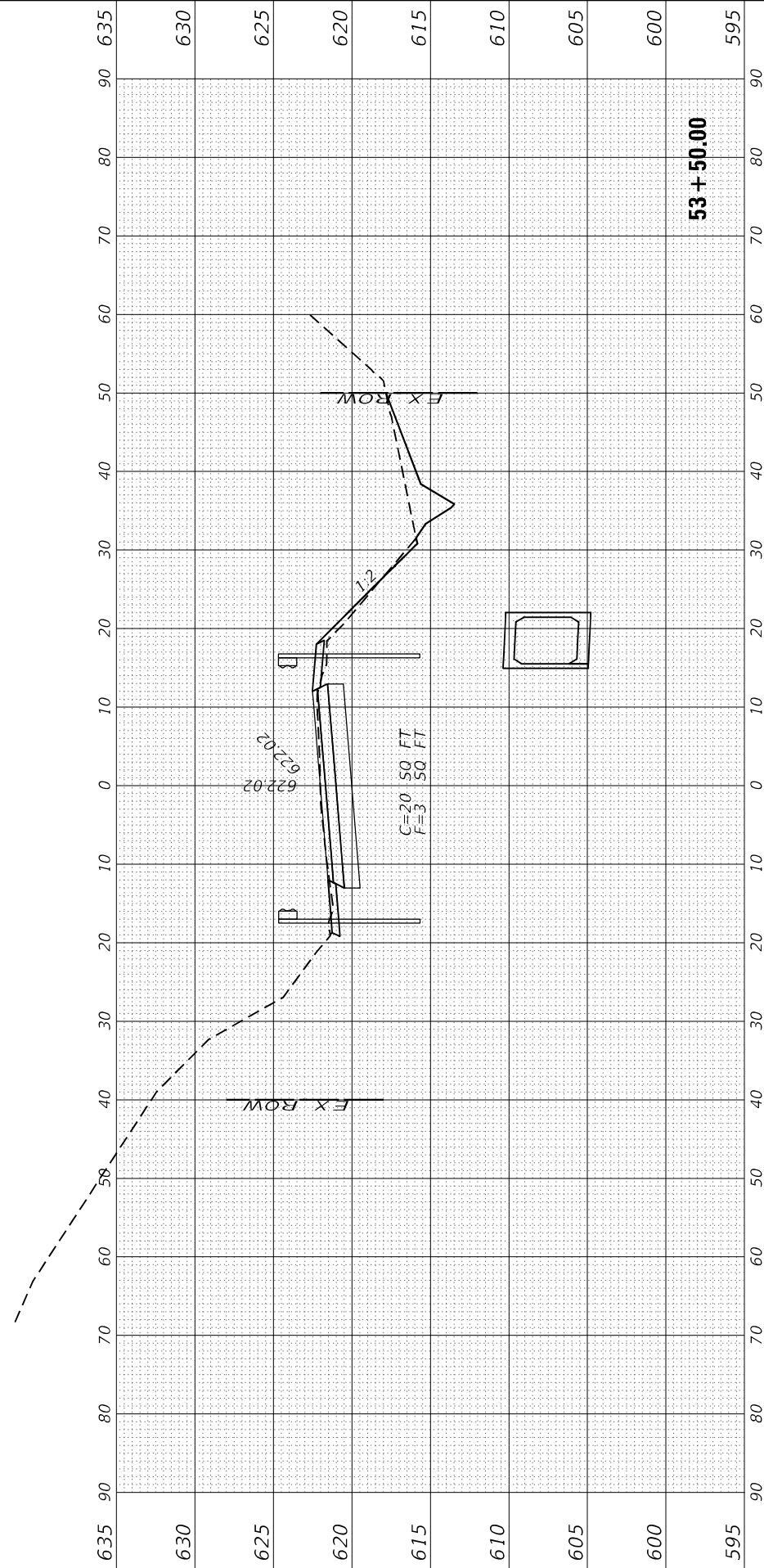
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL 29
 CROSS SECTIONS

SCALE: SHEET 12 OF 25 SHEETS STA. 53+00.00 TO STA. 53+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1252	(R-4)CR	BUREAU	100	87
CONTRACT NO. 66F91				
ILLINOIS		FED. AID PROJECT		



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

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

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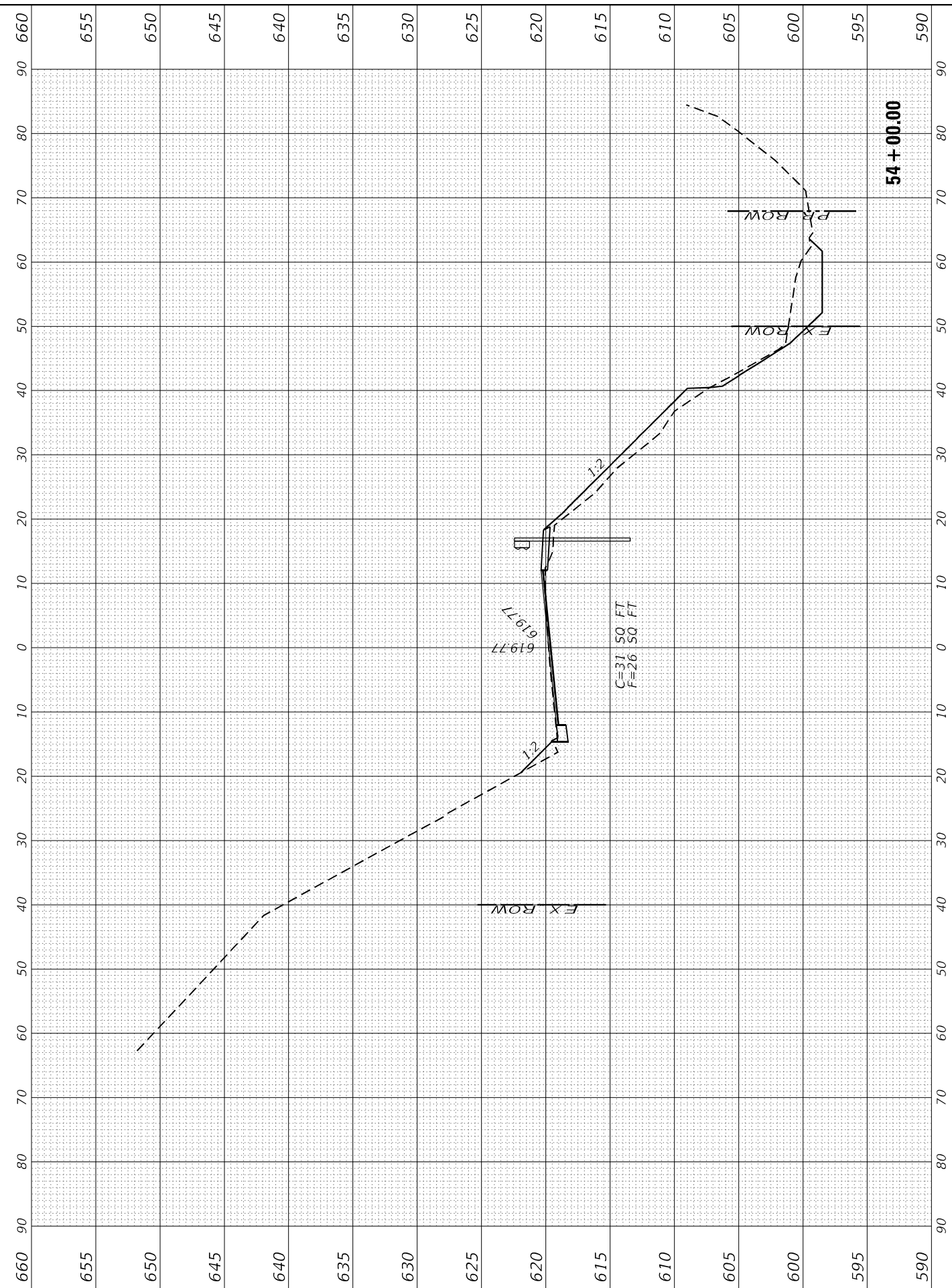
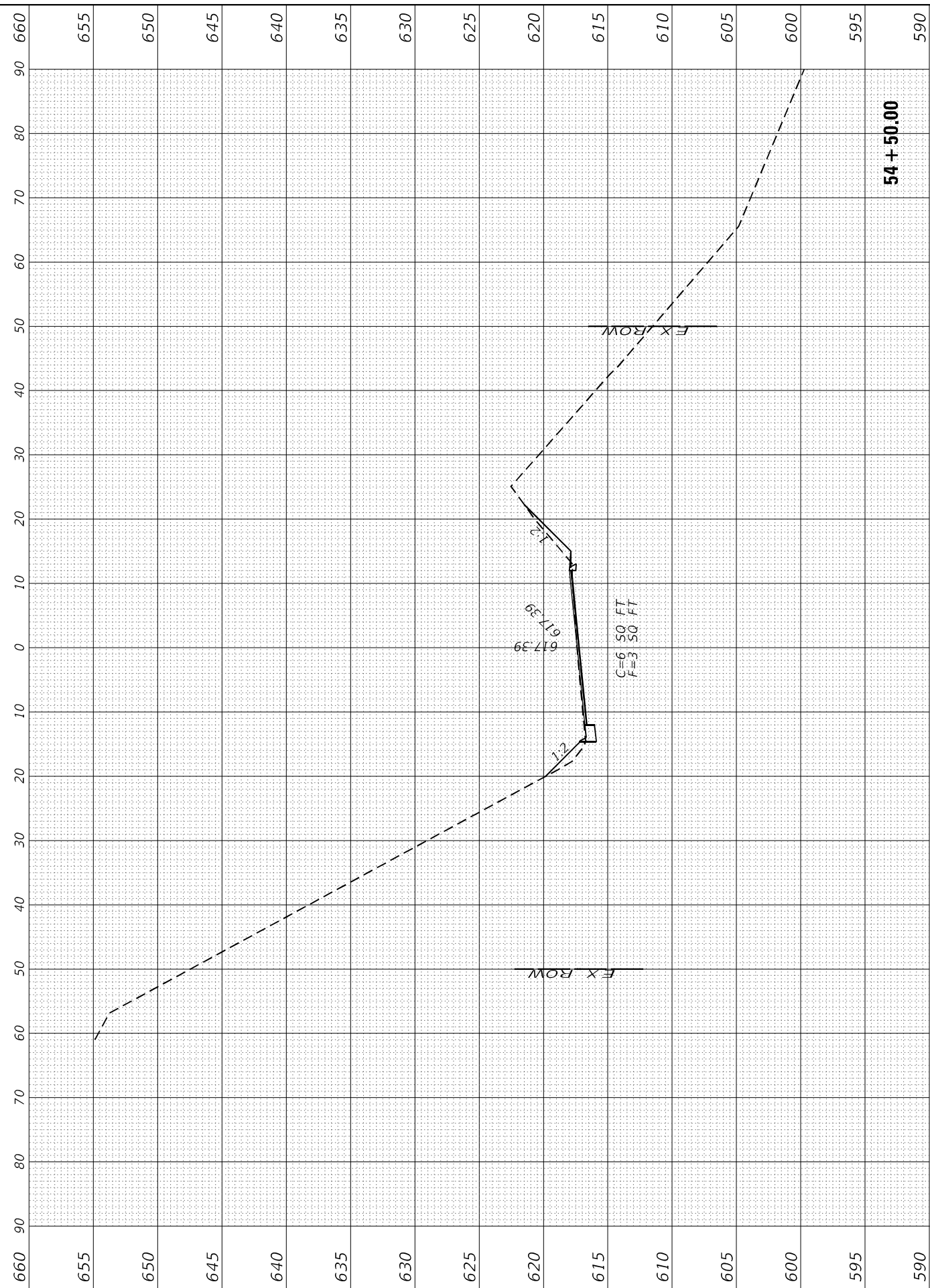
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 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL 29
 CROSS SECTIONS**

SCALE: SHEET 13 OF 25 SHEETS STA. 54+00.00 TO STA. 54+50.00

F.A.S. RTE. 1252	SECTION (R-4)CR	COUNTY	TOTAL SHEETS 100	SHEET NO. 88
ILLINOIS			FED. AID PROJECT	
CONTRACT NO. 66F91				



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

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

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USER NAME = CHAMLIN	DESIGNED - DJD	REVISED -
PLOT SCALE =	DRAWN - NV	REVISED -
PLOT DATE =	CHECKED -	REVISED -
	DATE -	REVISED -

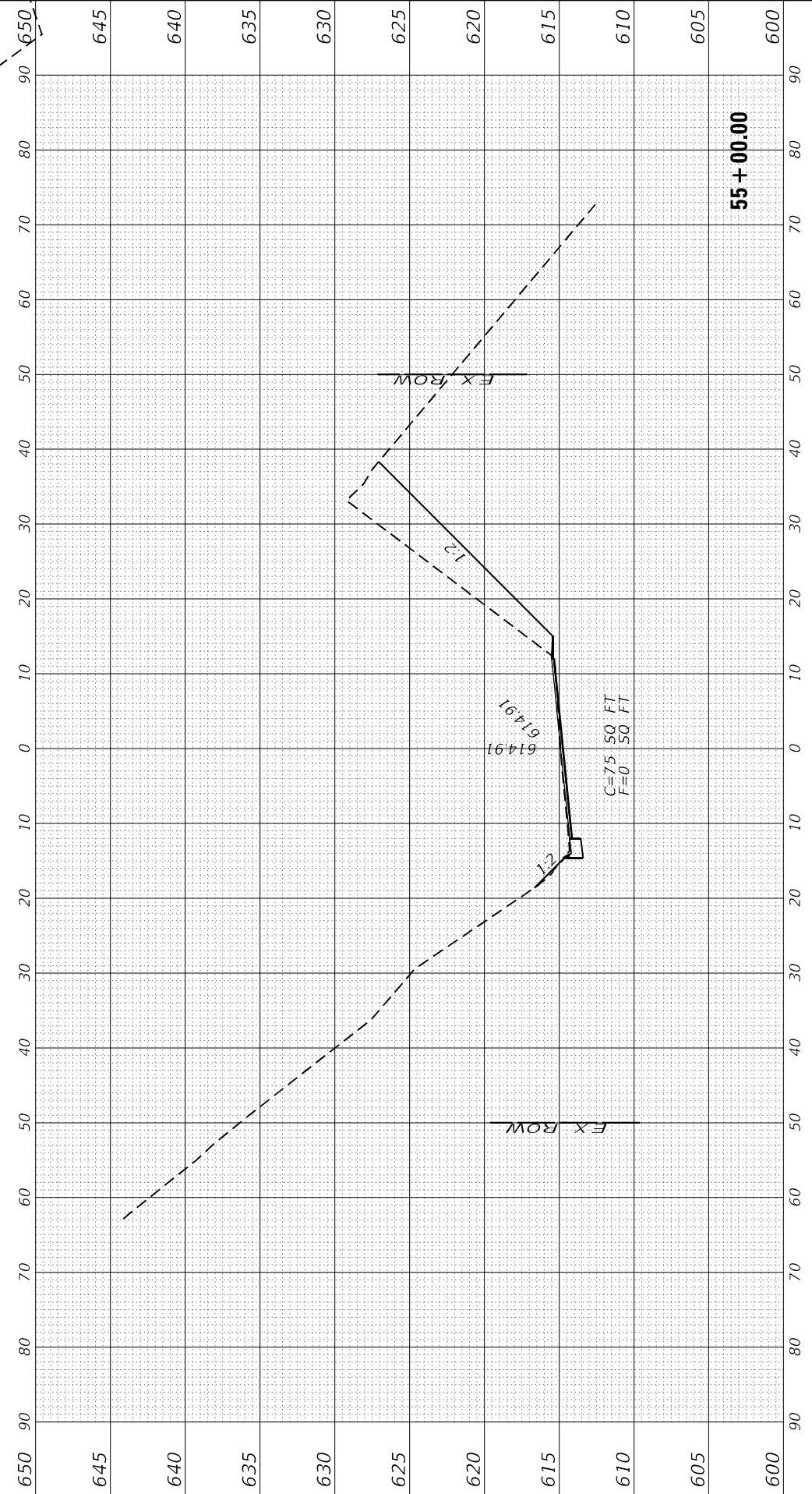
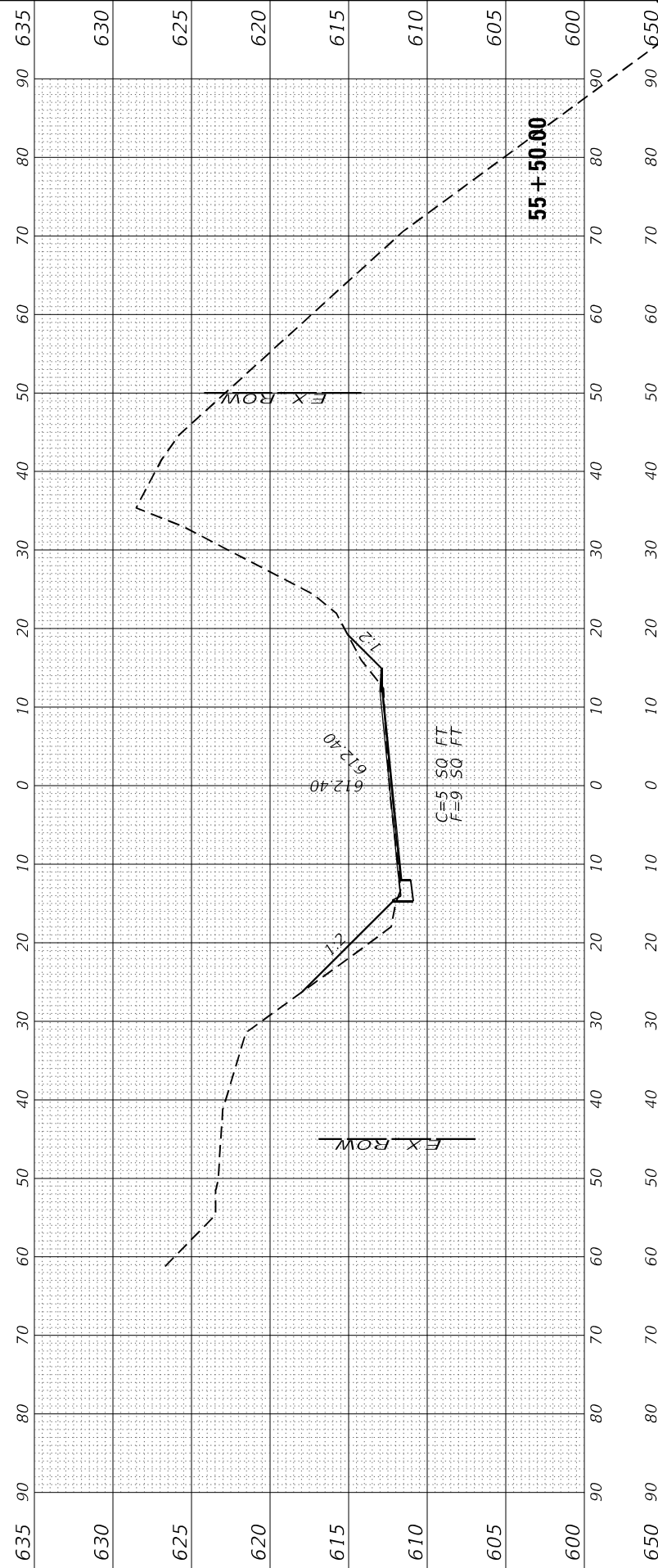
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DRAWN - NV	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL 29
 CROSS SECTIONS**

SCALE: SHEET 14 OF 25 SHEETS STA. 55+00.00 TO STA. 55+50.00

F.A.S. RTE. 1252	SECTION (R-4)CR	COUNTY	TOTAL SHEETS 100	SHEET NO. 89
		BUREAU	CONTRACT NO. 66F91	
		ILLINOIS	FED. AID PROJECT	



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

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

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FILE NAME: G:\Users\666356-jd\DOT-IL-29-DePaul_Culverts\Survey_D386F91\Consultant_Data\Chamlin_2021\CAD_Sheets\D386F91_Culv-ss-station



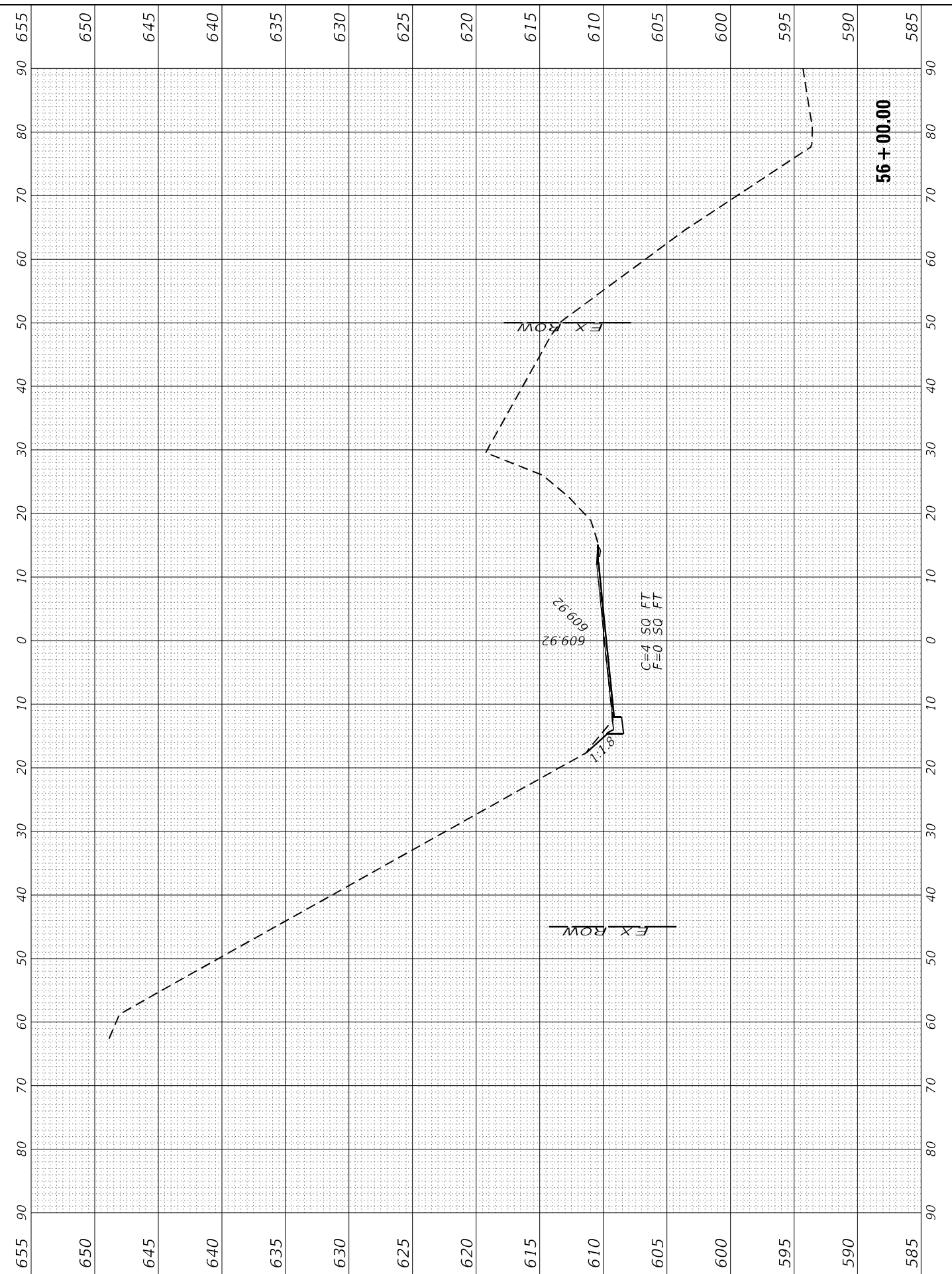
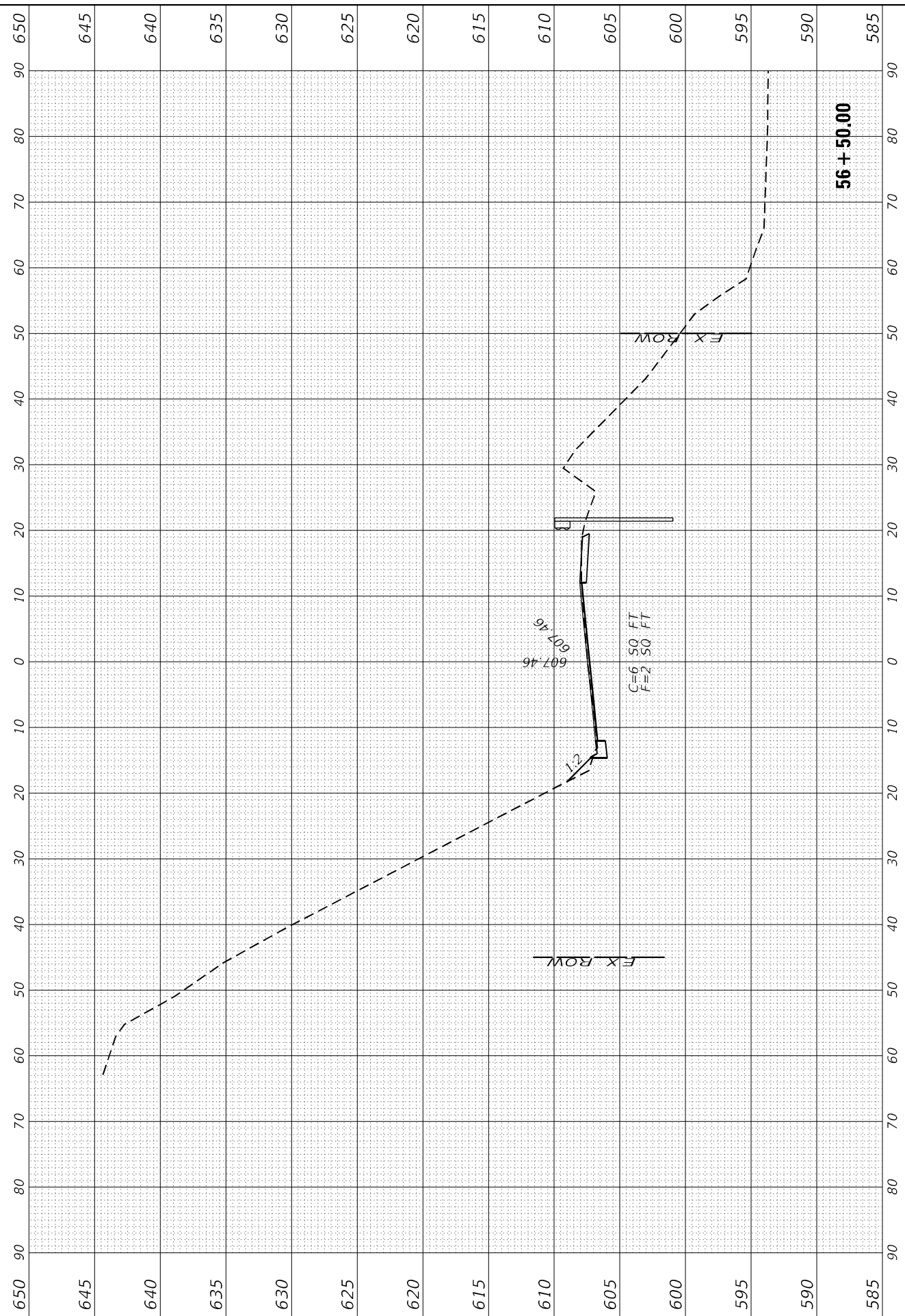
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PLOT SCALE = 1" = 40'	DRAWN - NV	REVISED -
PLOT DATE = 11/11/21	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 29
CROSS SECTIONS**

SCALE: SHEET 15 OF 25 SHEETS STA. 56+00.00 TO STA. 56+50.00

F.A.S. RTE. 1252	SECTION (R-4)CR	COUNTY	TOTAL SHEETS 100	SHEET NO. 90
		BUREAU	CONTRACT NO. 66F91	
		ILLINOIS	FED. AID PROJECT	



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

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

MODEL: Plot DA
 FILE NAME: G:\Users\666556-06\DOT-IL-29_DePue_Culverts\Survey_D38691\Consultant_Dba\Chamlin_2021\CAD_Sheets\38691_Culv-ccs\station



USER NAME = CHAMLIN

DESIGNED - DJD
 DRAWN - NV

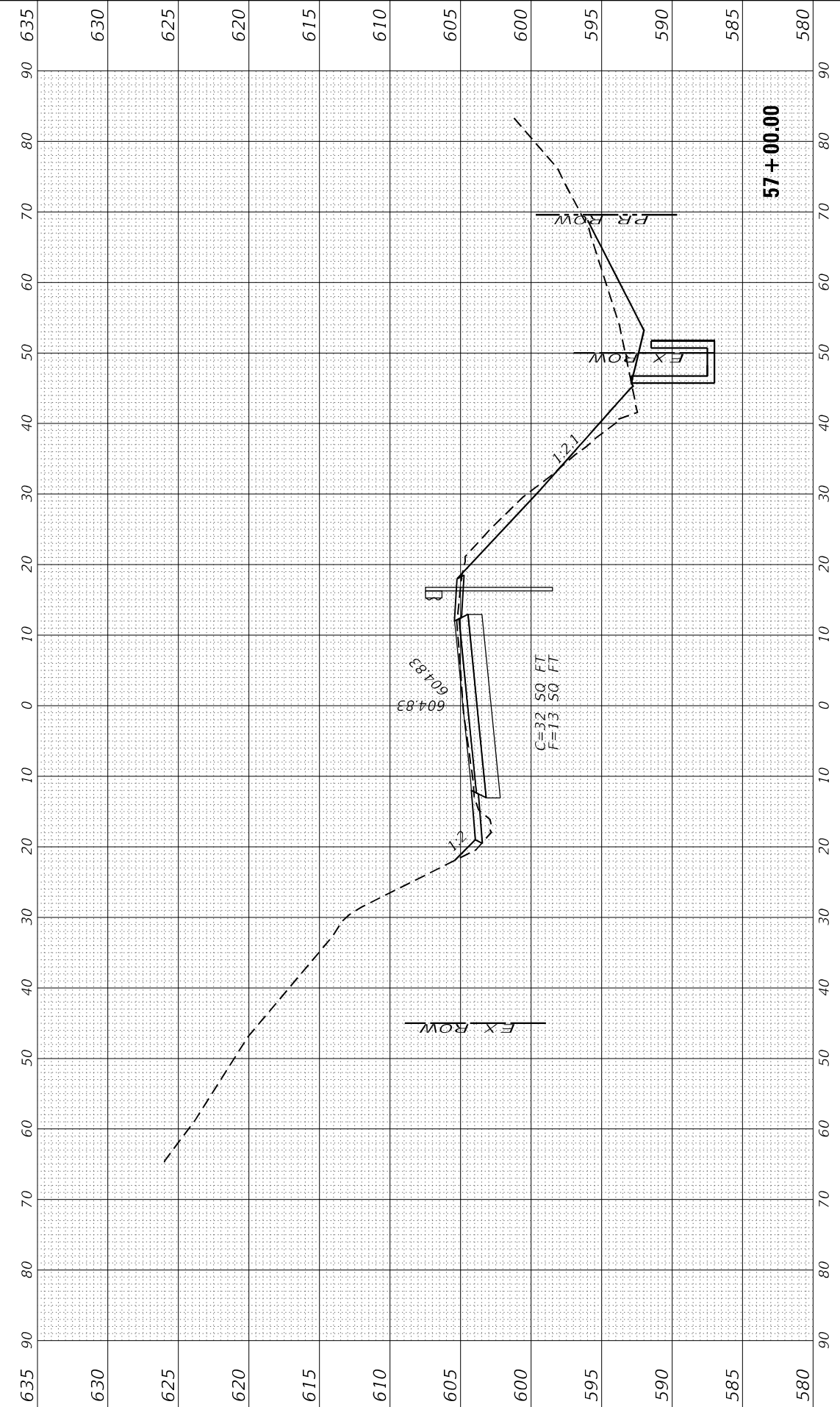
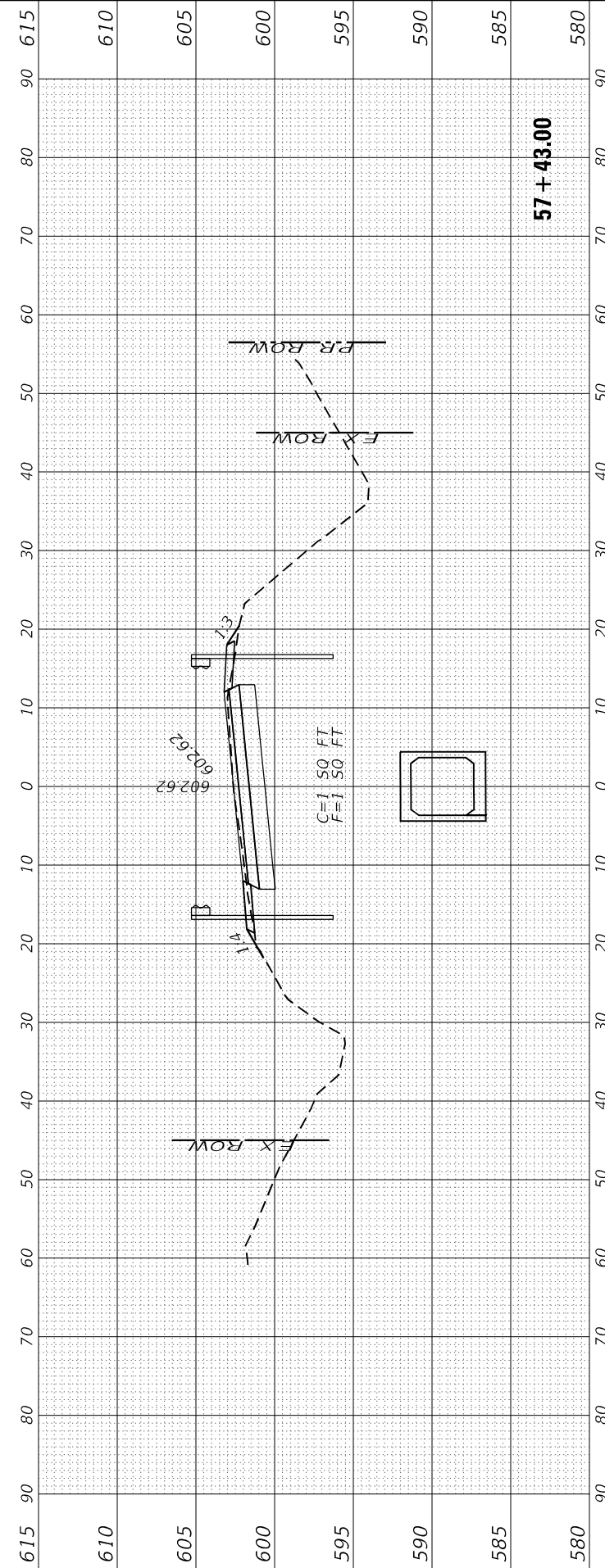
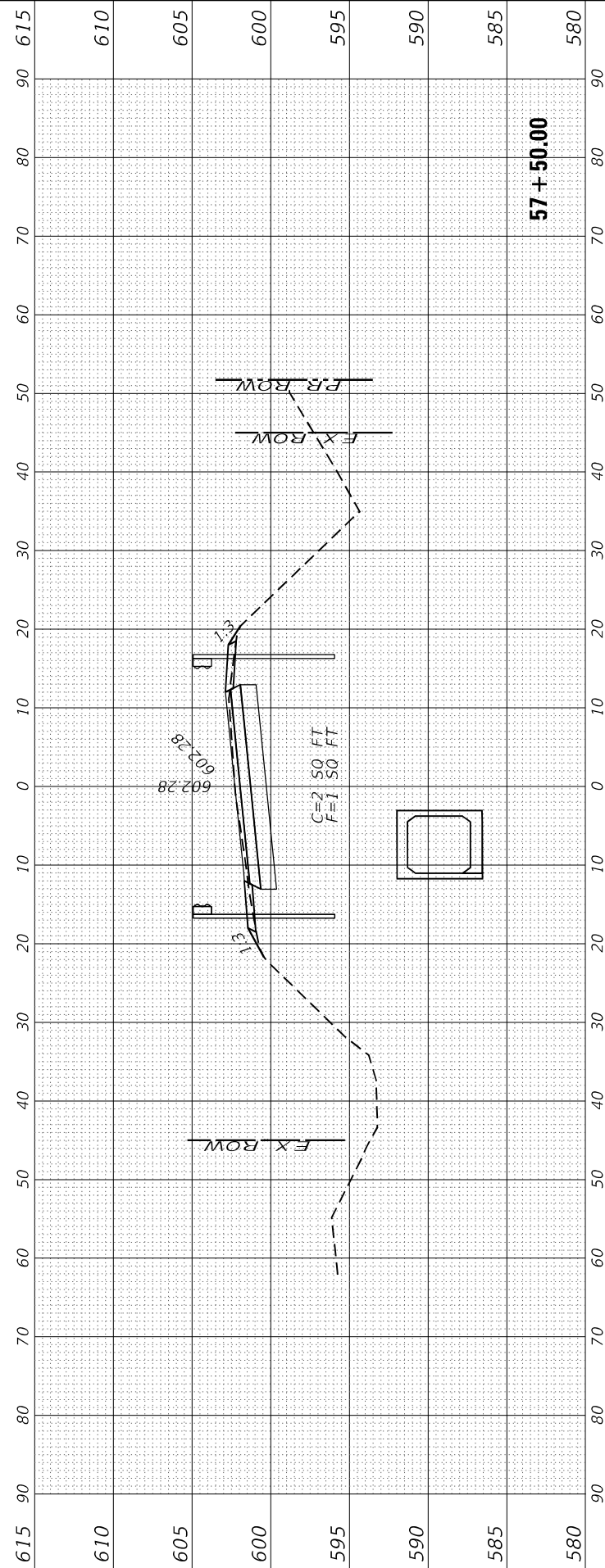
REVISIONS
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL 29
 CROSS SECTIONS

SCALE: SHEET 16 OF 25 SHEETS STA. 57+00.00 TO STA. 57+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1252	(R-4)CR	BUREAU	100	91
CONTRACT NO. 66F91				
ILLINOIS		FED. AID PROJECT		



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

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

MODEL: Proj: DA
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 PLOT SCALE = _
 PLOT DATE = _

DESIGNED - DJD
 DRAWN - NV
 CHECKED -
 DATE -

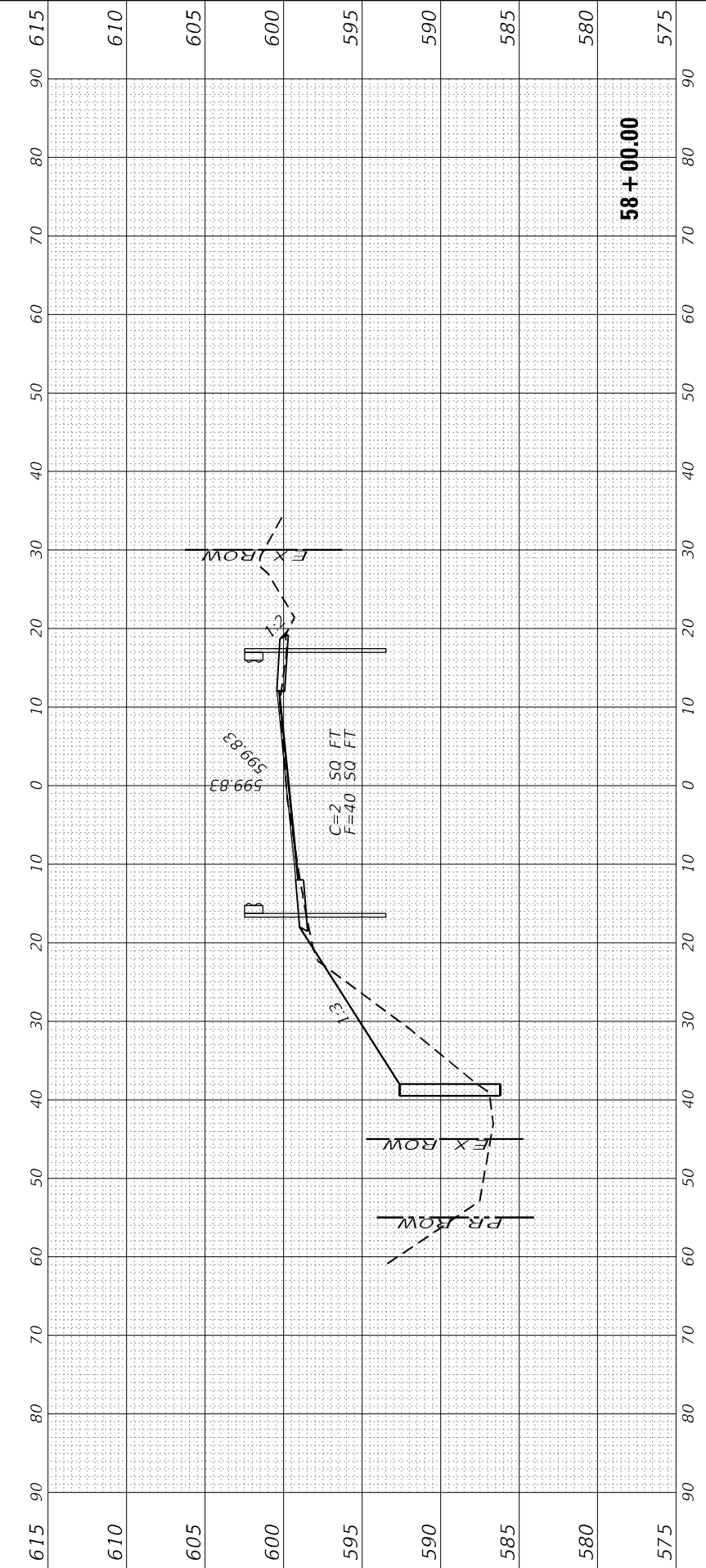
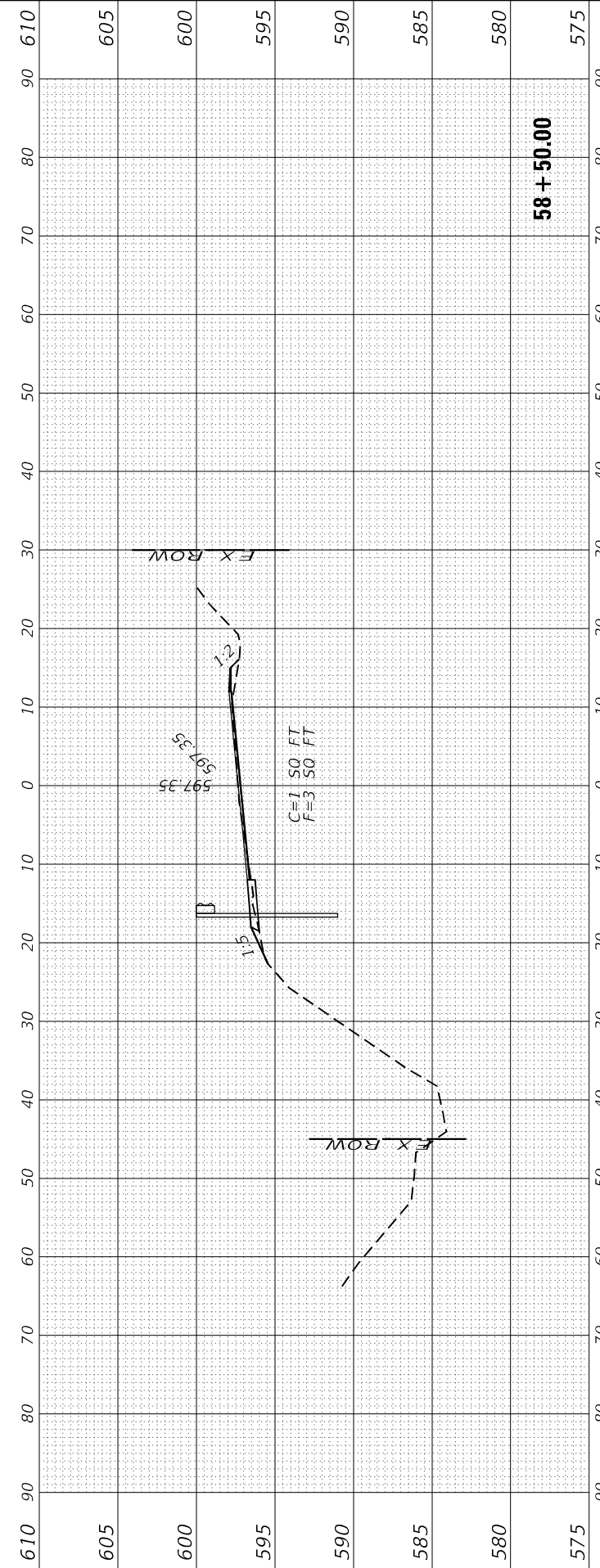
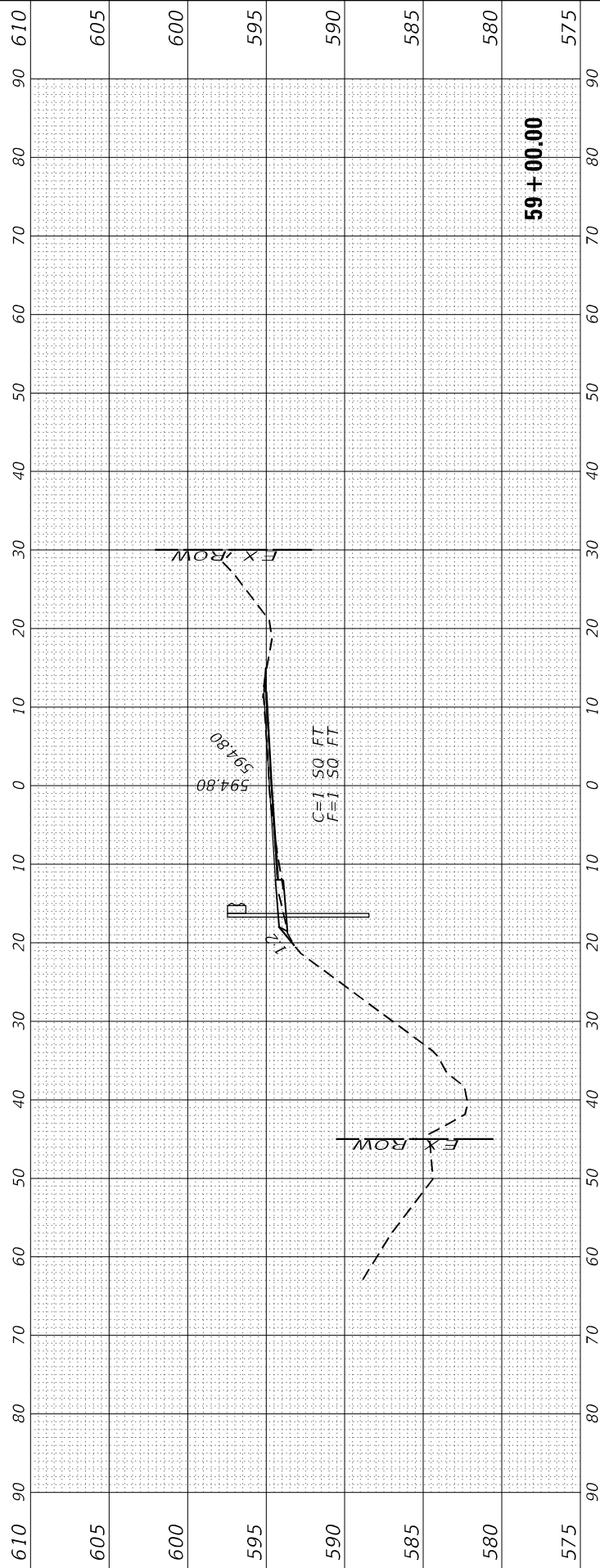
REVISED -
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 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL 29
 CROSS SECTIONS**

SCALE: SHEET 17 OF 25 SHEETS STA. 58+00.00 TO STA. 59+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1252	(R-4)CR	BUREAU	100	92
CONTRACT NO. 66F91				
ILLINOIS		FED. AID PROJECT		



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

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

MODEL: Plot DA
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USER NAME = CHAMLIN
 PLOT SCALE = _
 PLOT DATE = _

DESIGNED - DJD
 DRAWN - NV
 CHECKED -
 DATE -

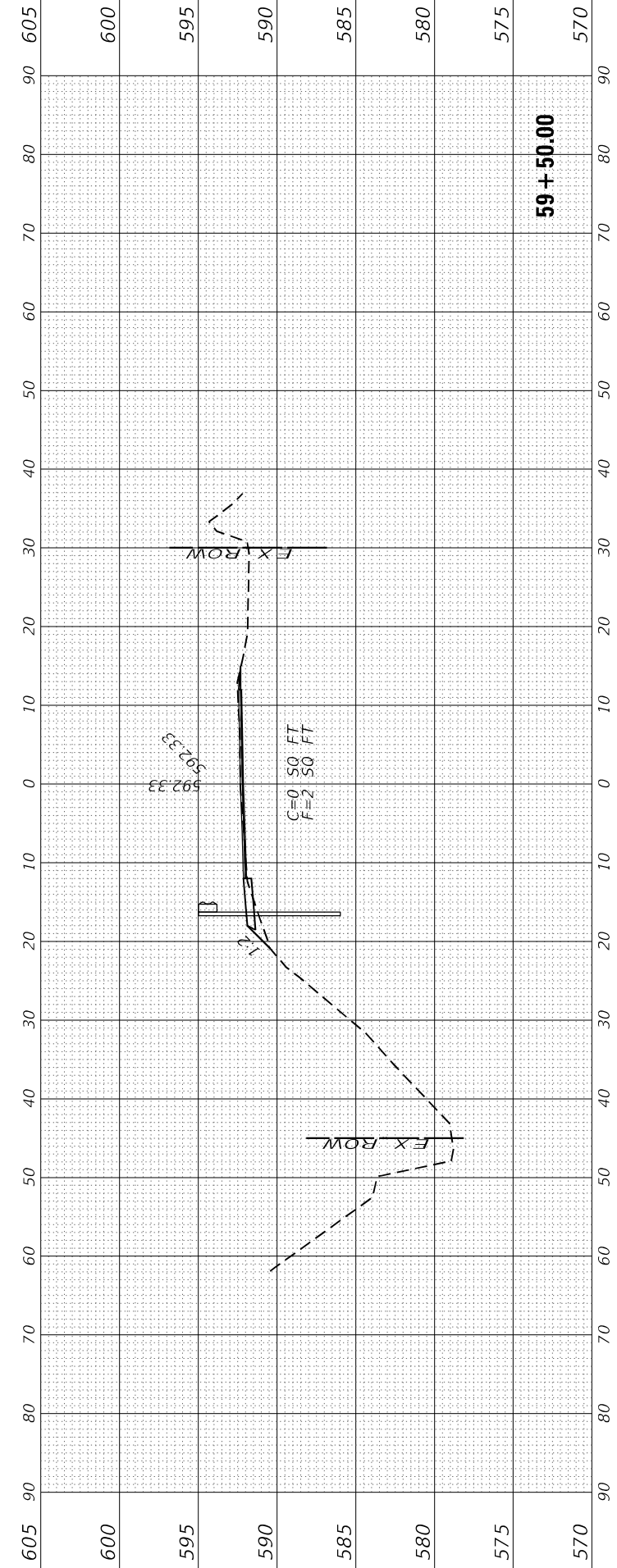
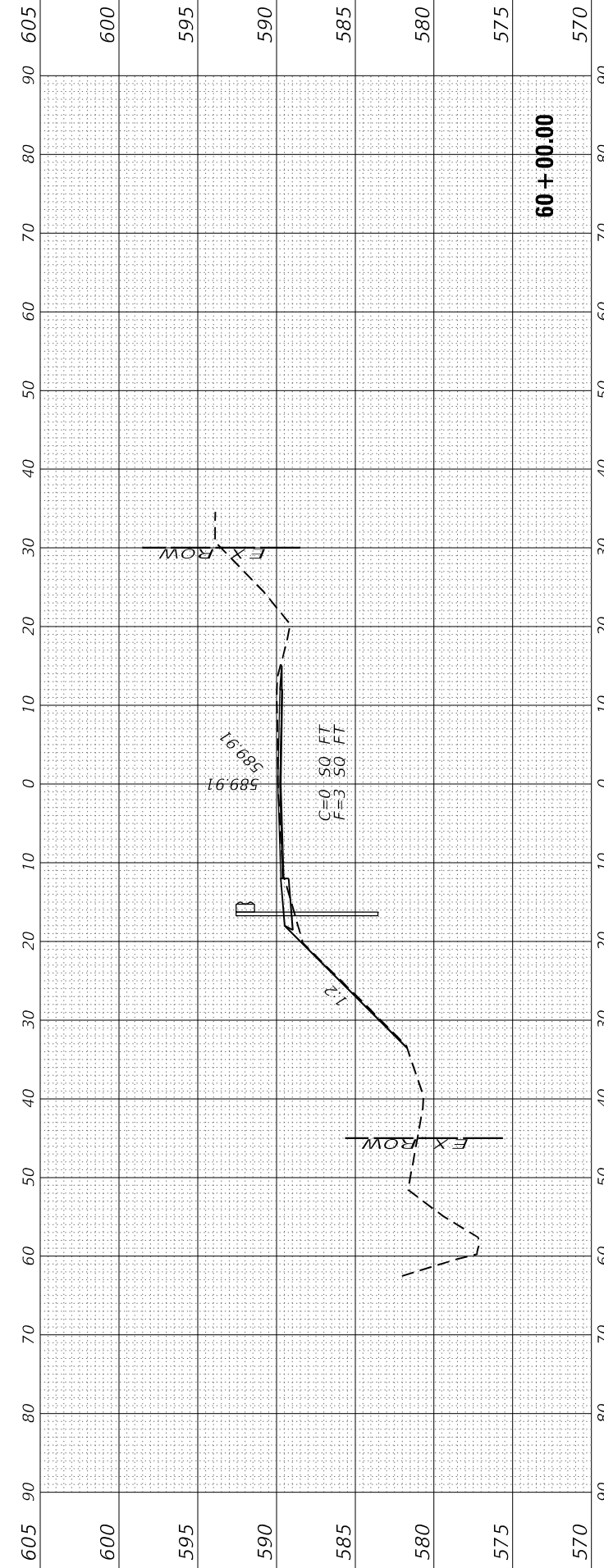
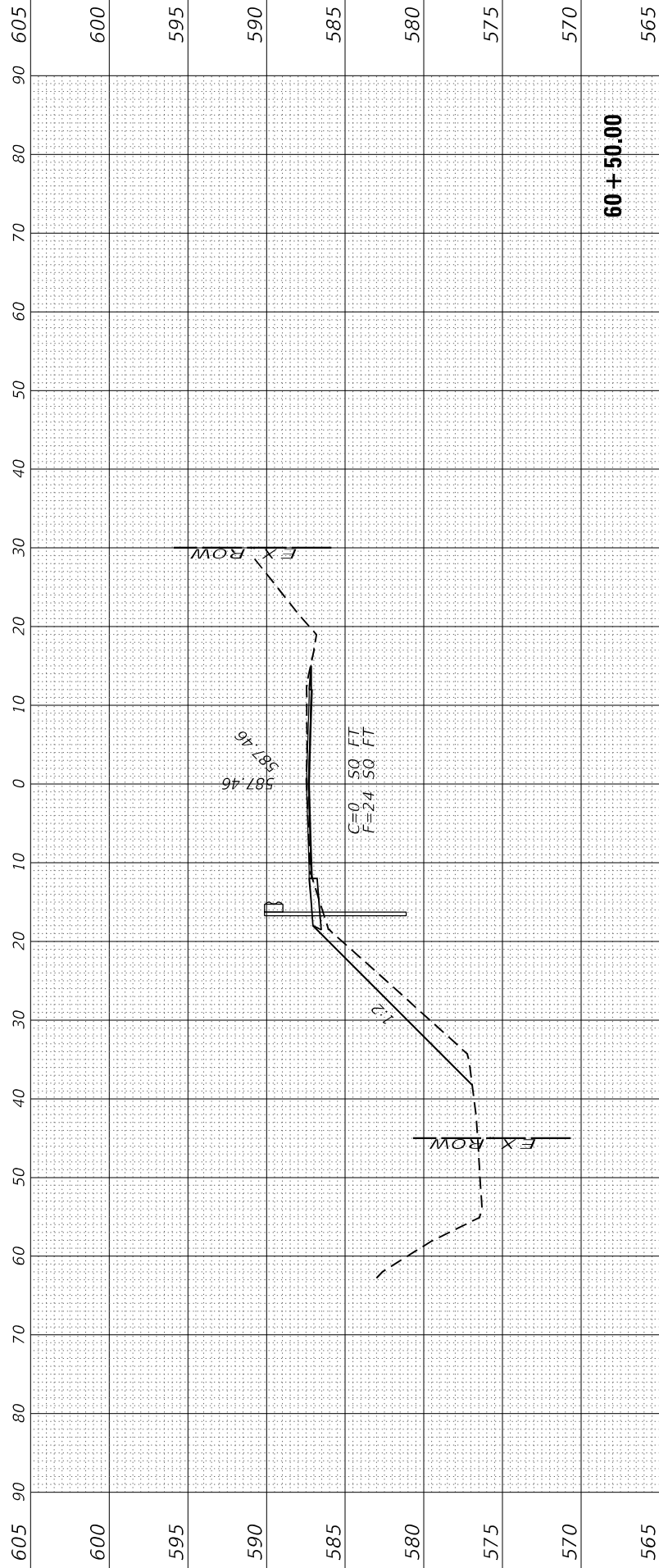
REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL 29
 CROSS SECTIONS

SCALE: SHEET 18 OF 25 SHEETS STA. 59+50.00 TO STA. 60+50.00

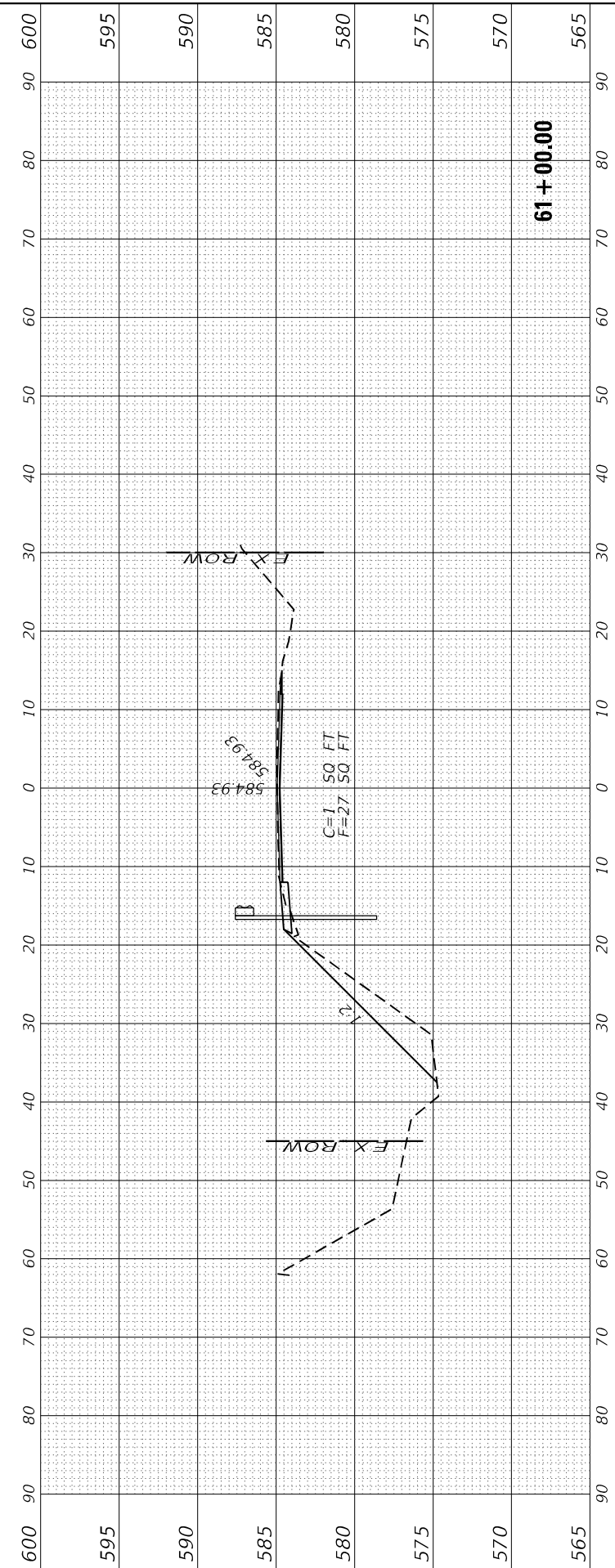
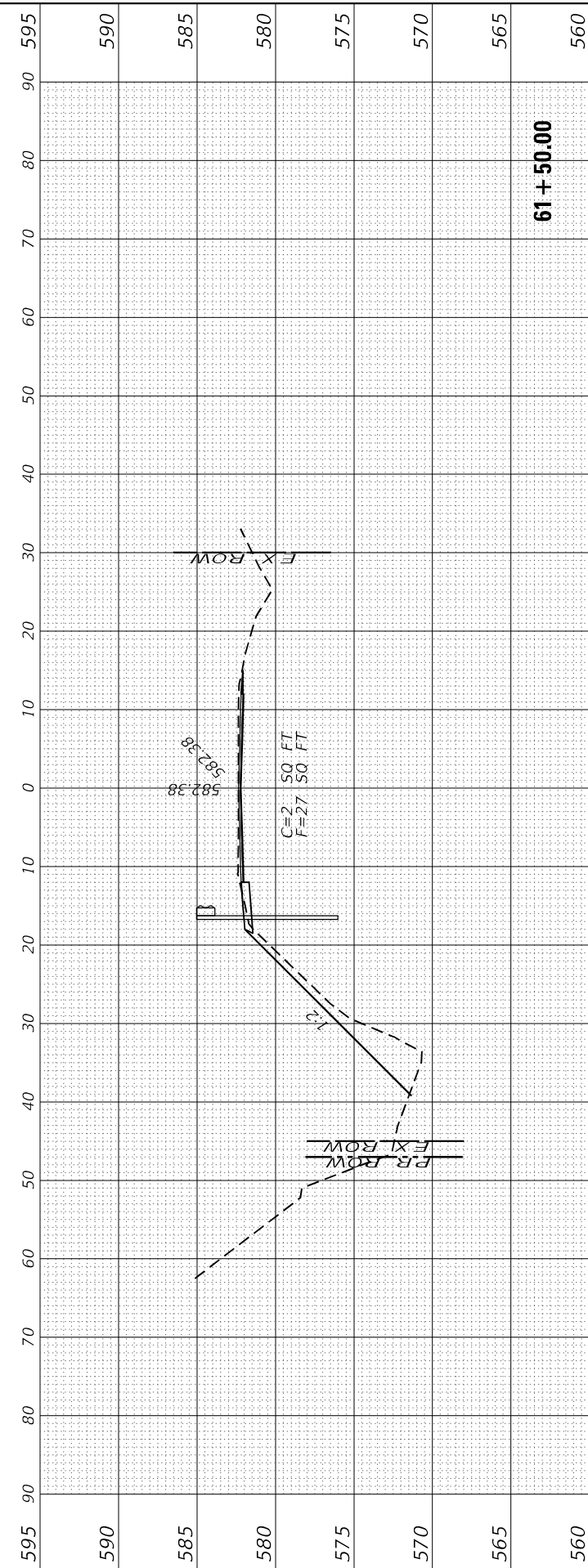
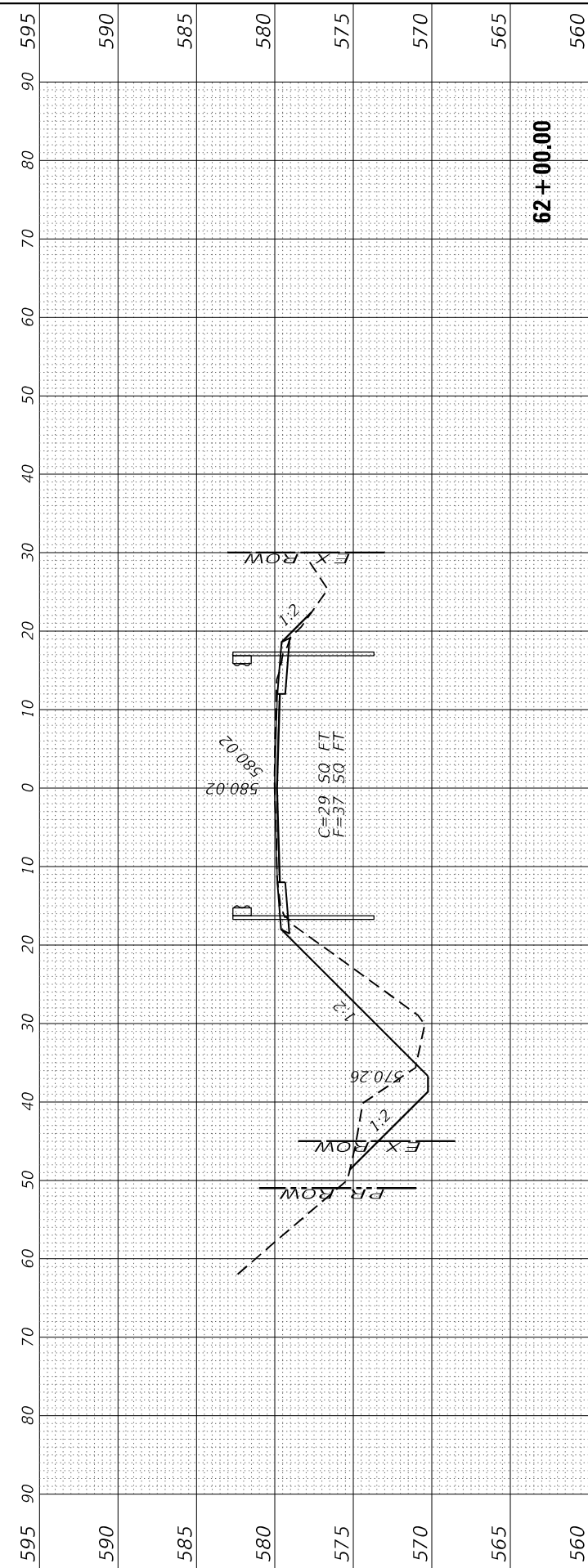
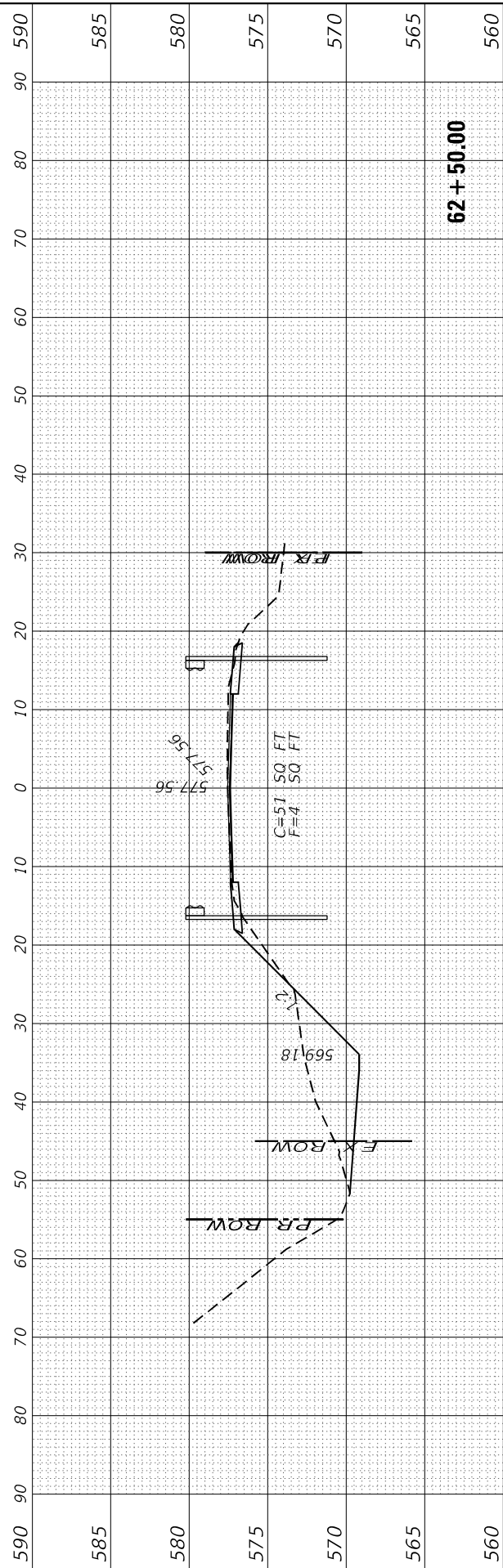
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1252	(R-4)CR	BUREAU	100	93
CONTRACT NO. 66F91				
ILLINOIS		FED. AID PROJECT		



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

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

MODEL: Plot DA
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USER NAME	= CHAMLIN
DESIGNED	- DJD
DRAWN	- NV
PLLOT SCALE	=
PLLOT DATE	=

REVISD	-
REVISD	-
REVISD	-
REVISD	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL 29
 CROSS SECTIONS**

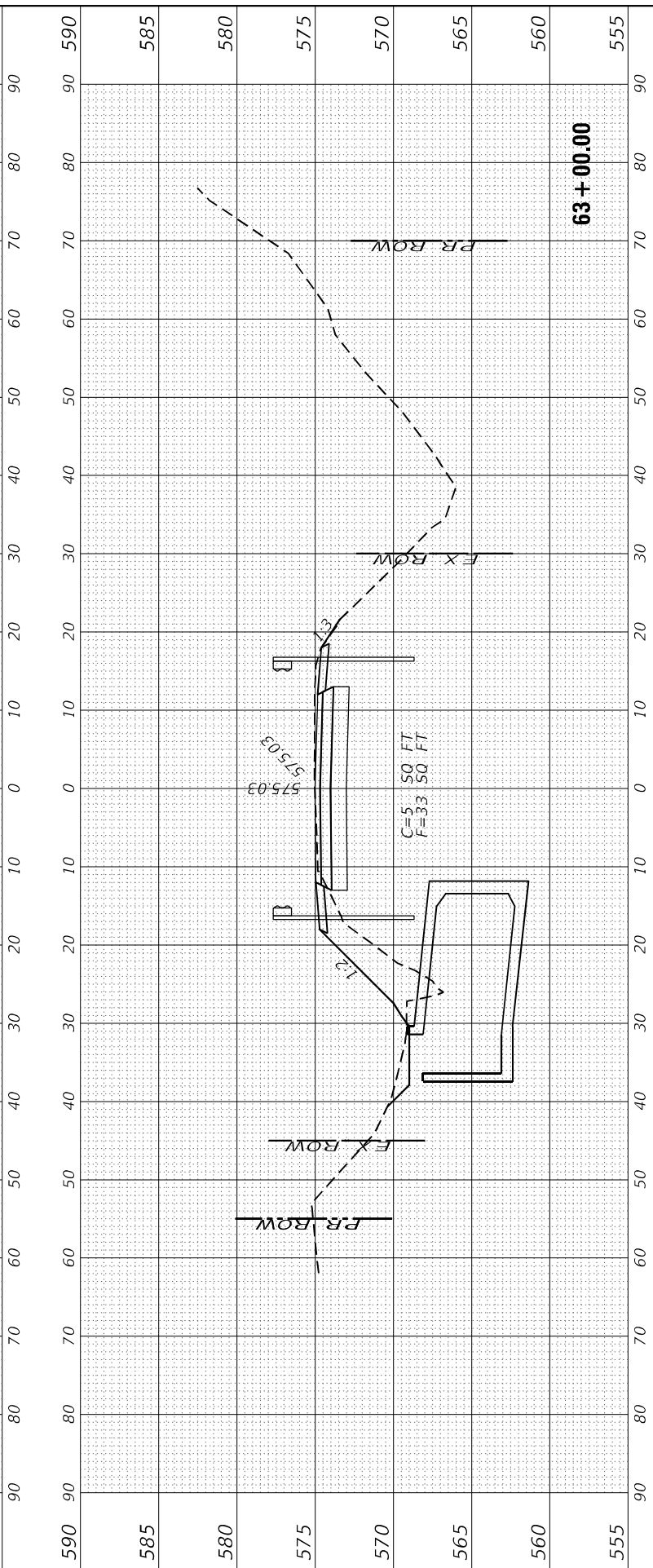
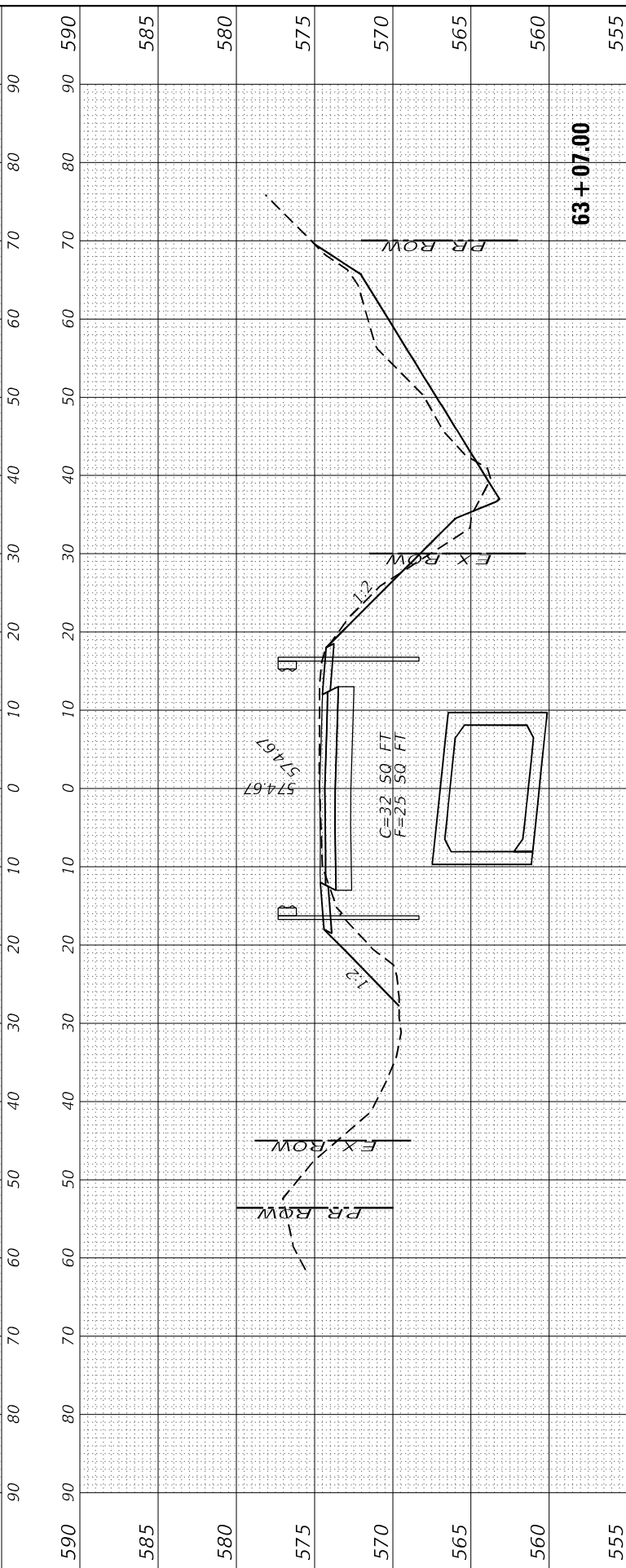
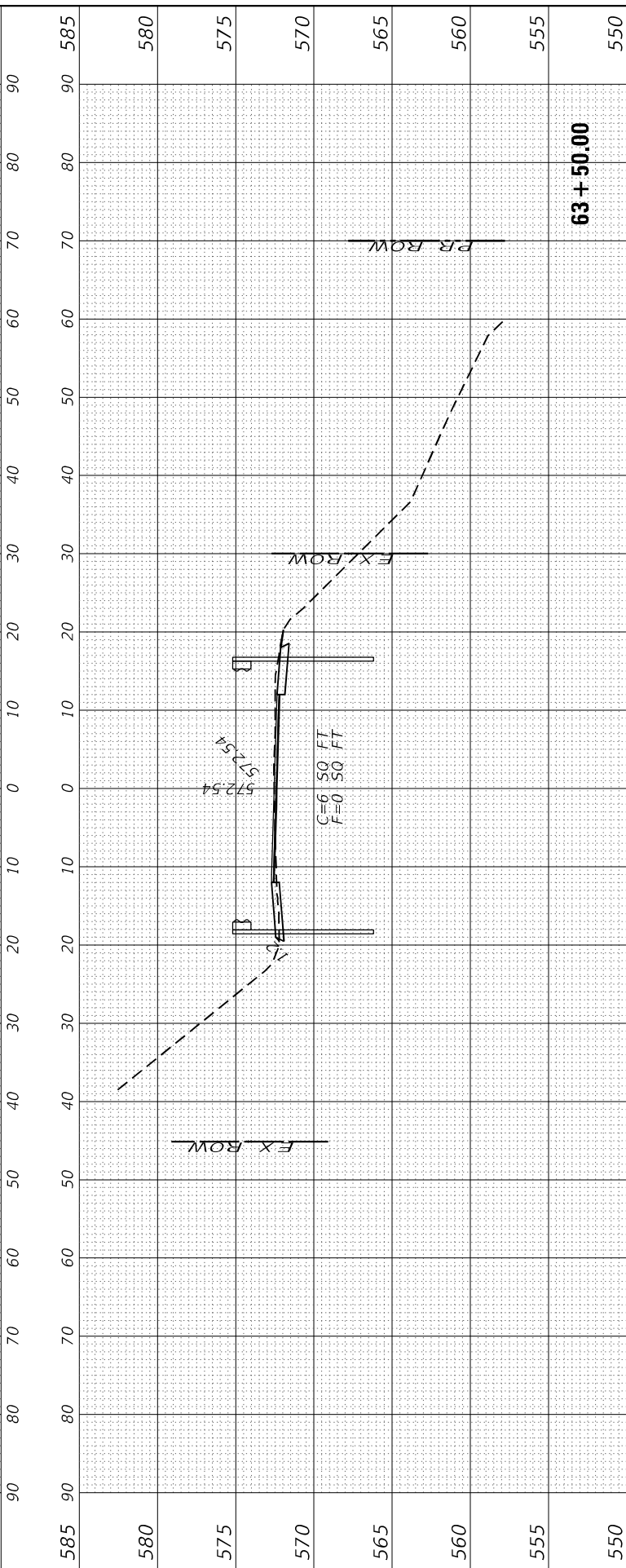
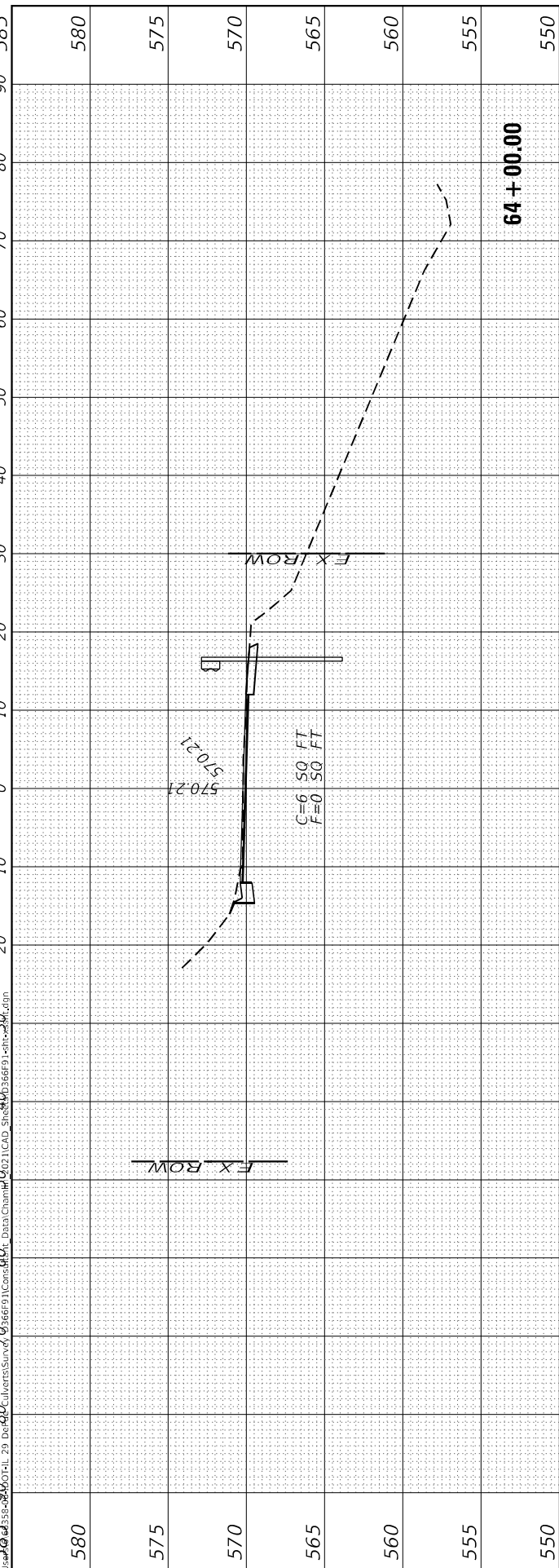
SCALE: SHEET 19 OF 25 SHEETS STA. 61+00.00 TO STA. 62+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1252	(R-4)CR	BUREAU	100	94
CONTRACT NO. 66F91				
ILLINOIS FED. AID PROJECT				

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

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

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USER NAME	= CHAMLIN
DESIGNED	- DJD
DRAWN	- NV
CHECKED	-
DATE	-

REVISD	-
REVISD	-
REVISD	-
REVISD	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE: SHEET 20 OF 25 SHEETS STA. 63+00.00 TO STA. 64+00.00

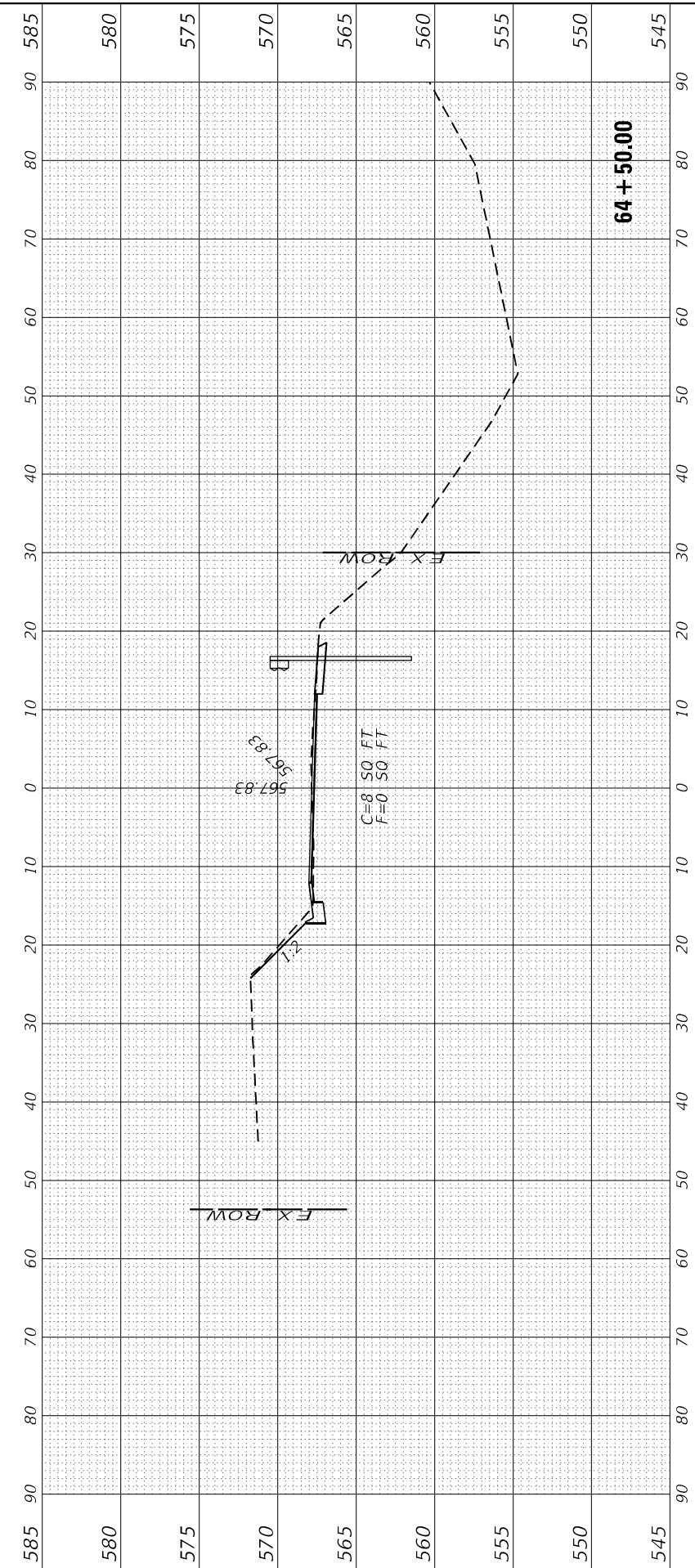
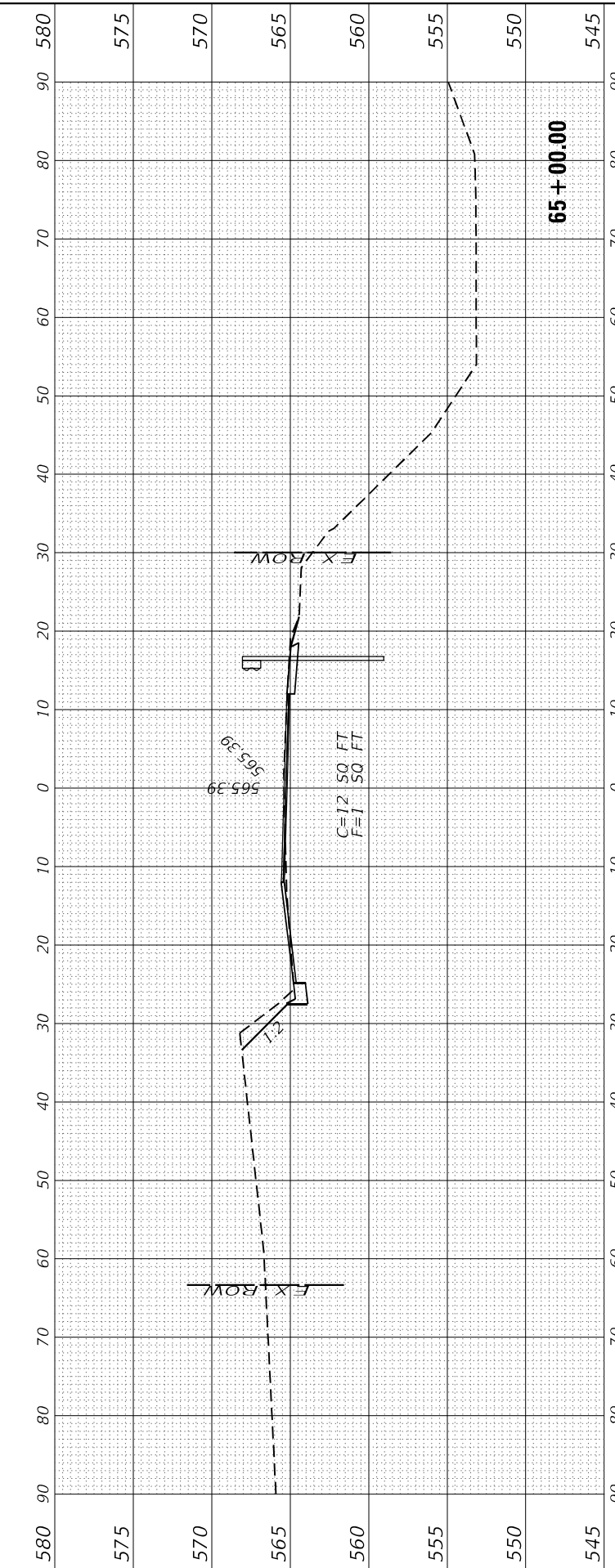
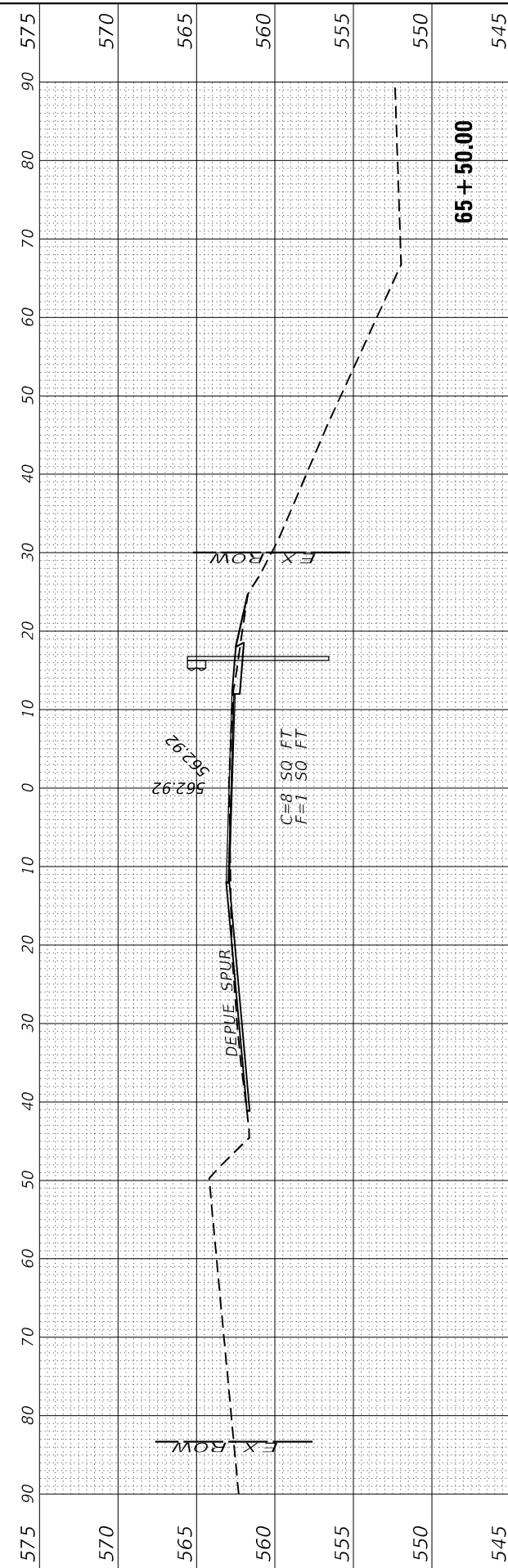
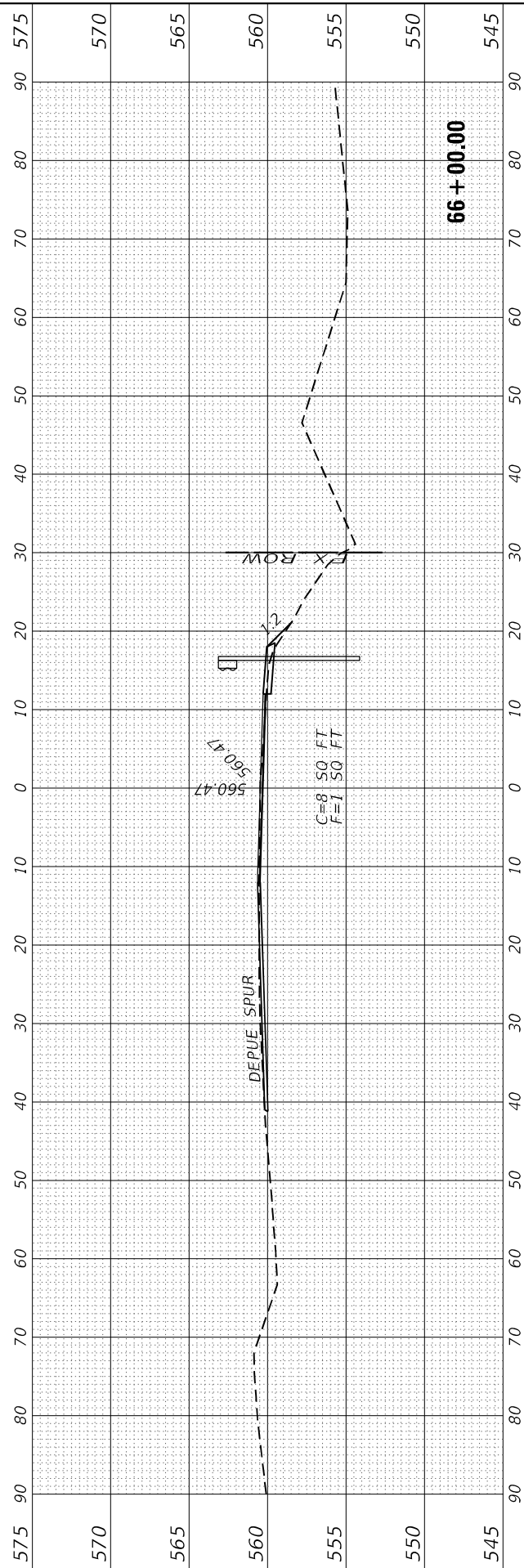
**IL 29
CROSS SECTIONS**

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1252	(R-4)CR	BUREAU	100	95
CONTRACT NO. 66F91				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

MODEL: Proj: DA
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USER NAME = CHAMLIN	DESIGNED - DJD	REVISED -
	DRAWN - NV	REVISED -
PLOT SCALE =	CHECKED -	REVISED -
PLOT DATE =	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL 29
 CROSS SECTIONS**

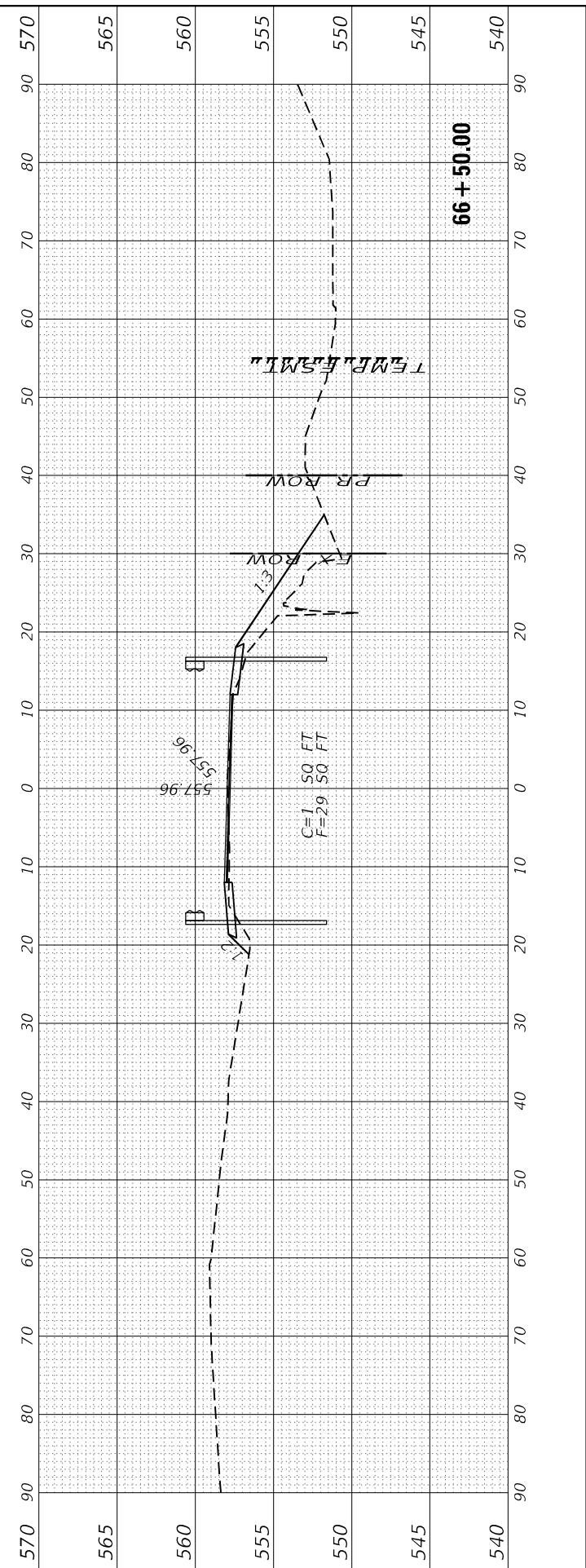
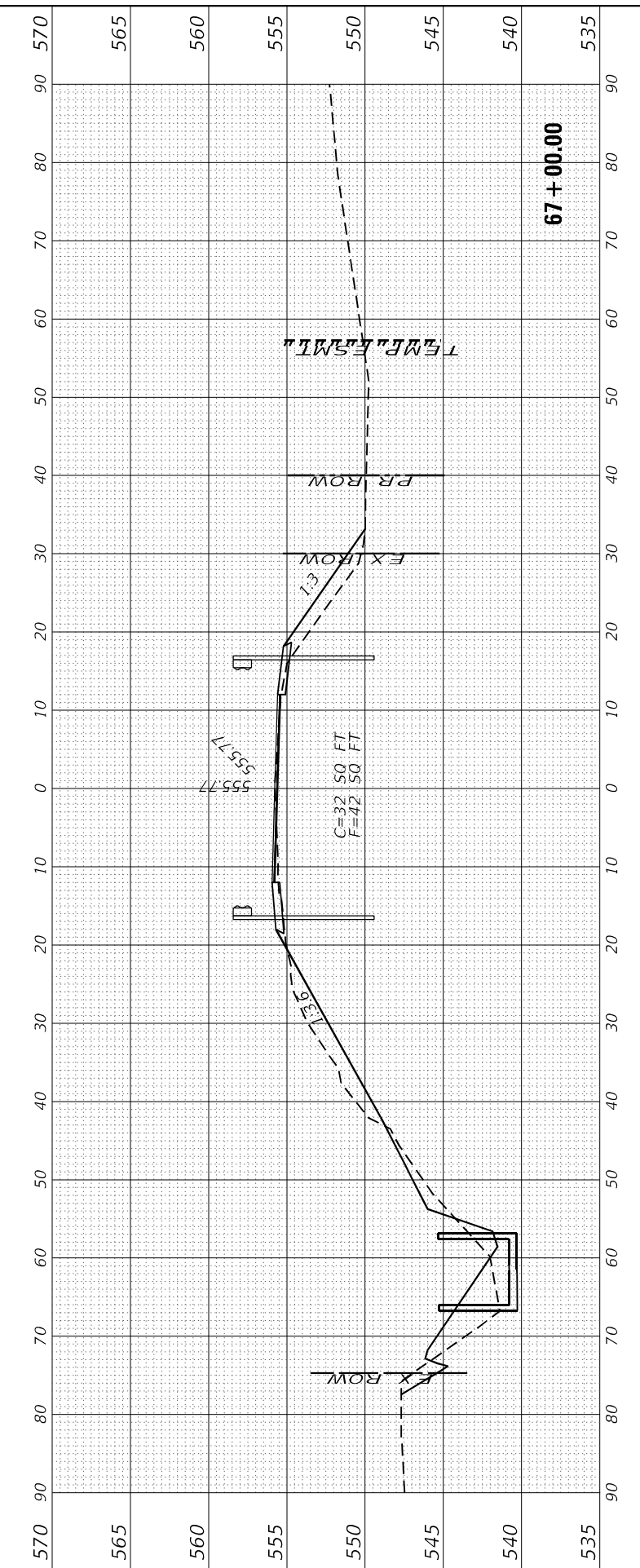
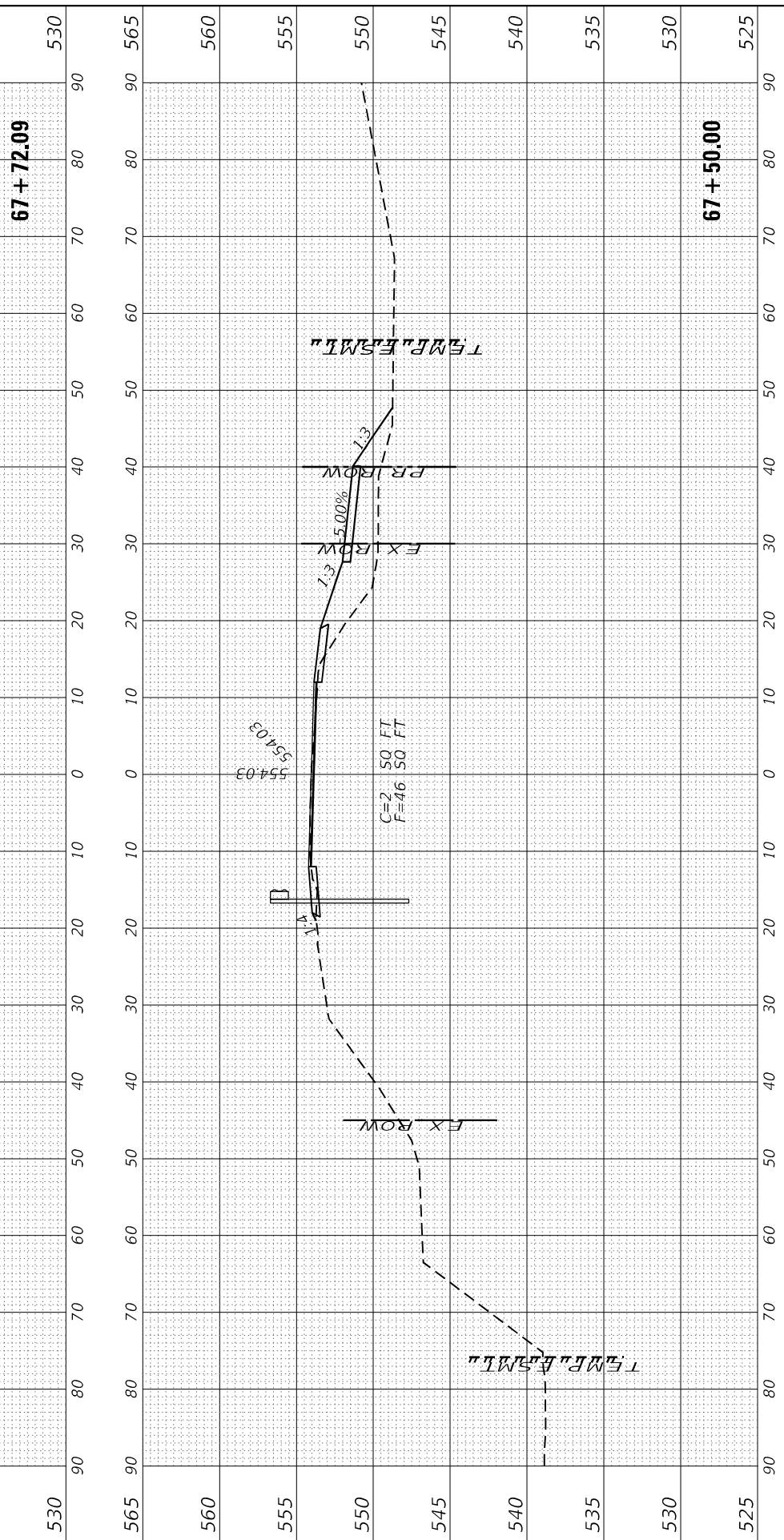
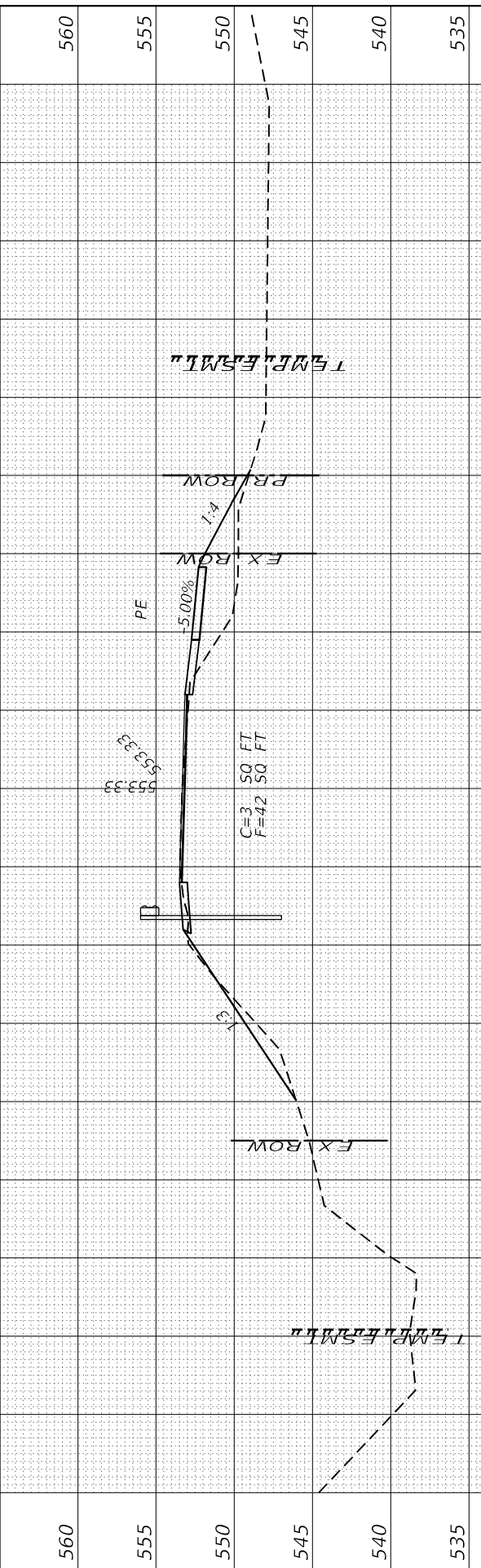
SCALE: SHEET 21 OF 25 SHEETS STA. 64+50.00 TO STA. 66+00.00

F.A.S. RTE. 1252	SECTION (R-4)CR	COUNTY	TOTAL SHEETS 100	SHEET NO. 96
ILLINOIS FED. AID PROJECT			CONTRACT NO. 66F91	

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
NO.	NO.		
20	30		
40	50		
60	70		
80	90		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
NO.	NO.		
20	30		
40	50		
60	70		
80	90		

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USER NAME =	CHAMLIN
DESIGNED -	DJD
DRAWN -	NV
CHECKED -	
DATE -	

REVISD -	
REVISD -	
REVISD -	
REVISD -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL 29
 CROSS SECTIONS**

SCALE: SHEET 22 OF 25 SHEETS STA. 66+50.00 TO STA. 67+72.09

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1252	(R-4)CR		100	97
			CONTRACT NO. 66F91	
			ILLINOIS FED. AID PROJECT	

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

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

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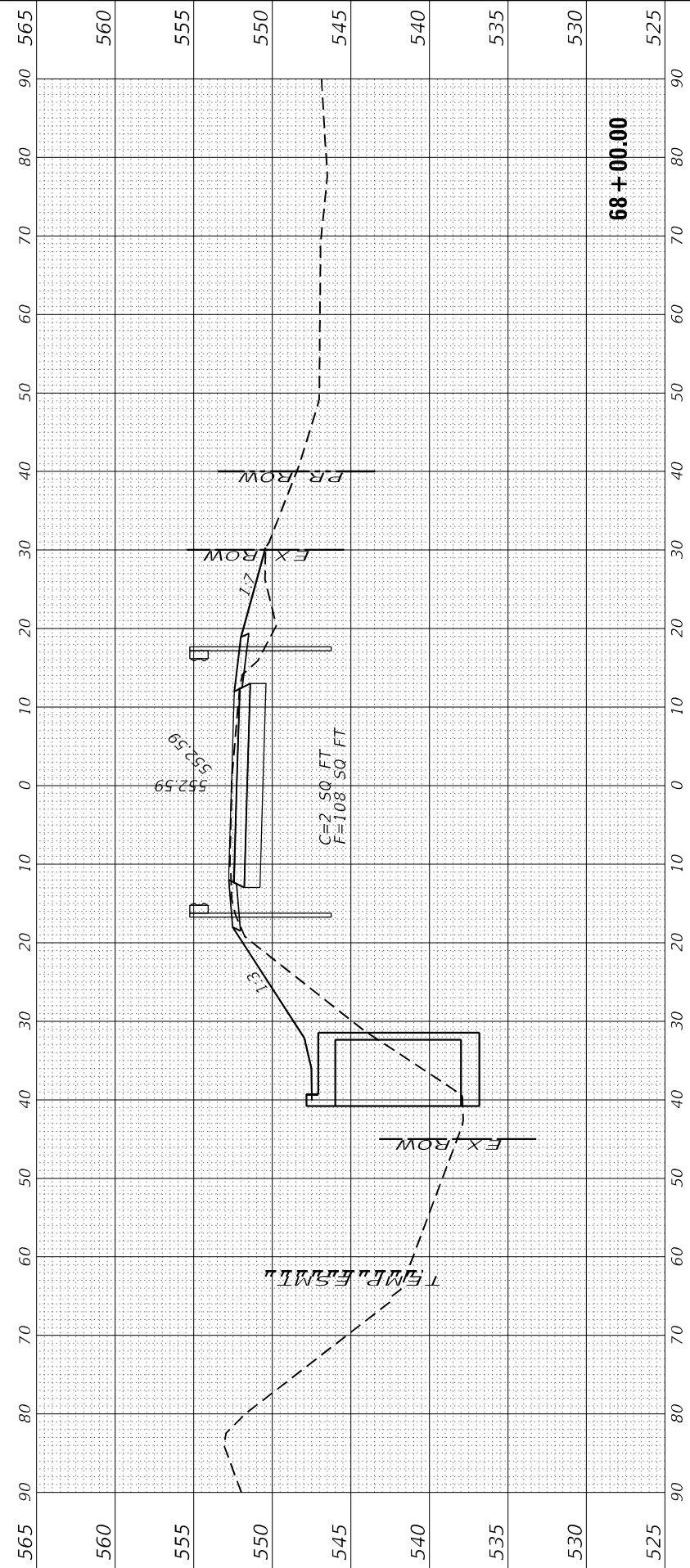
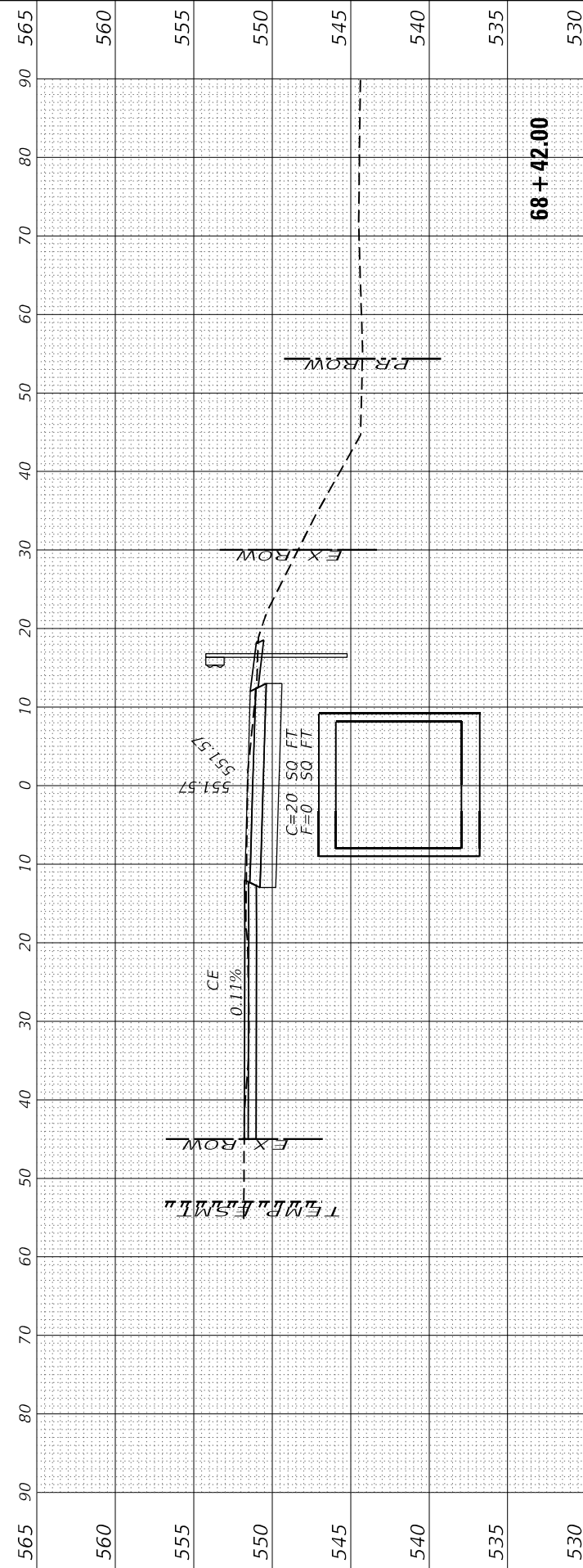
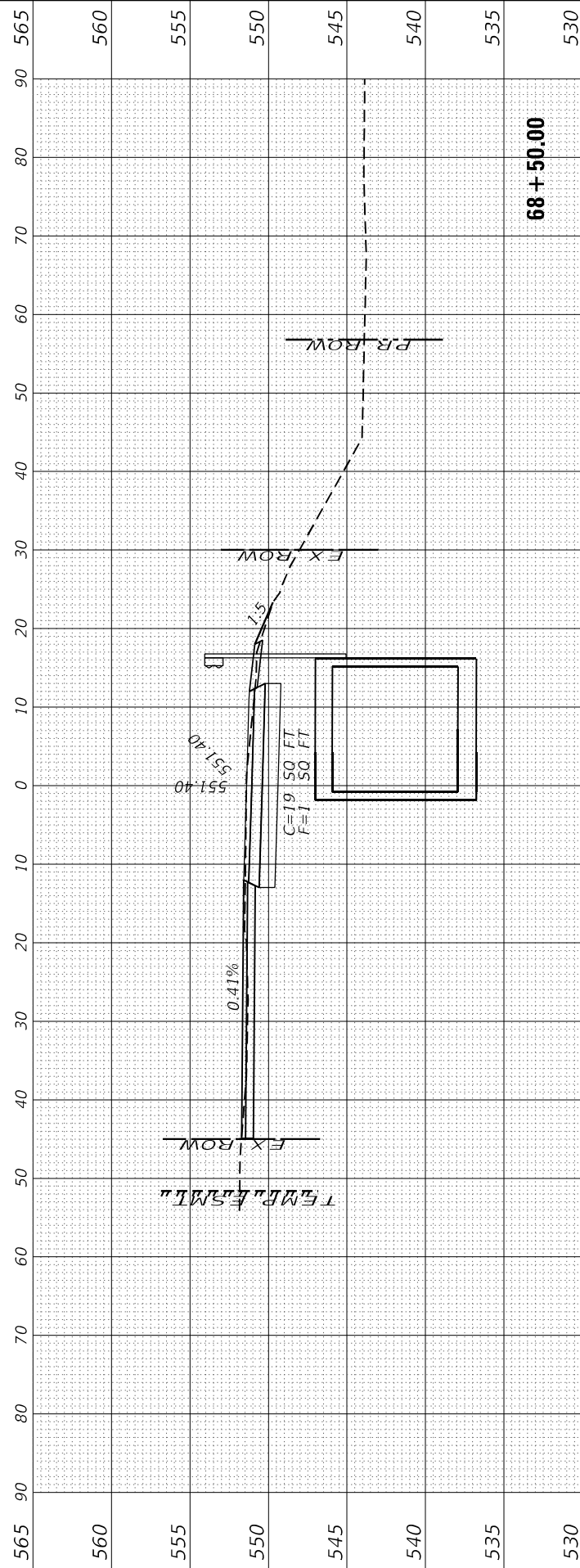
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PLOT SCALE =	DRAWN - NV	REVISOR -
PLOT DATE =	CHECKED -	REVISOR -
	DATE -	REVISOR -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL 29
 CROSS SECTIONS**

SCALE: SHEET 23 OF 25 SHEETS STA. 68+00.00 TO STA. 68+50.00

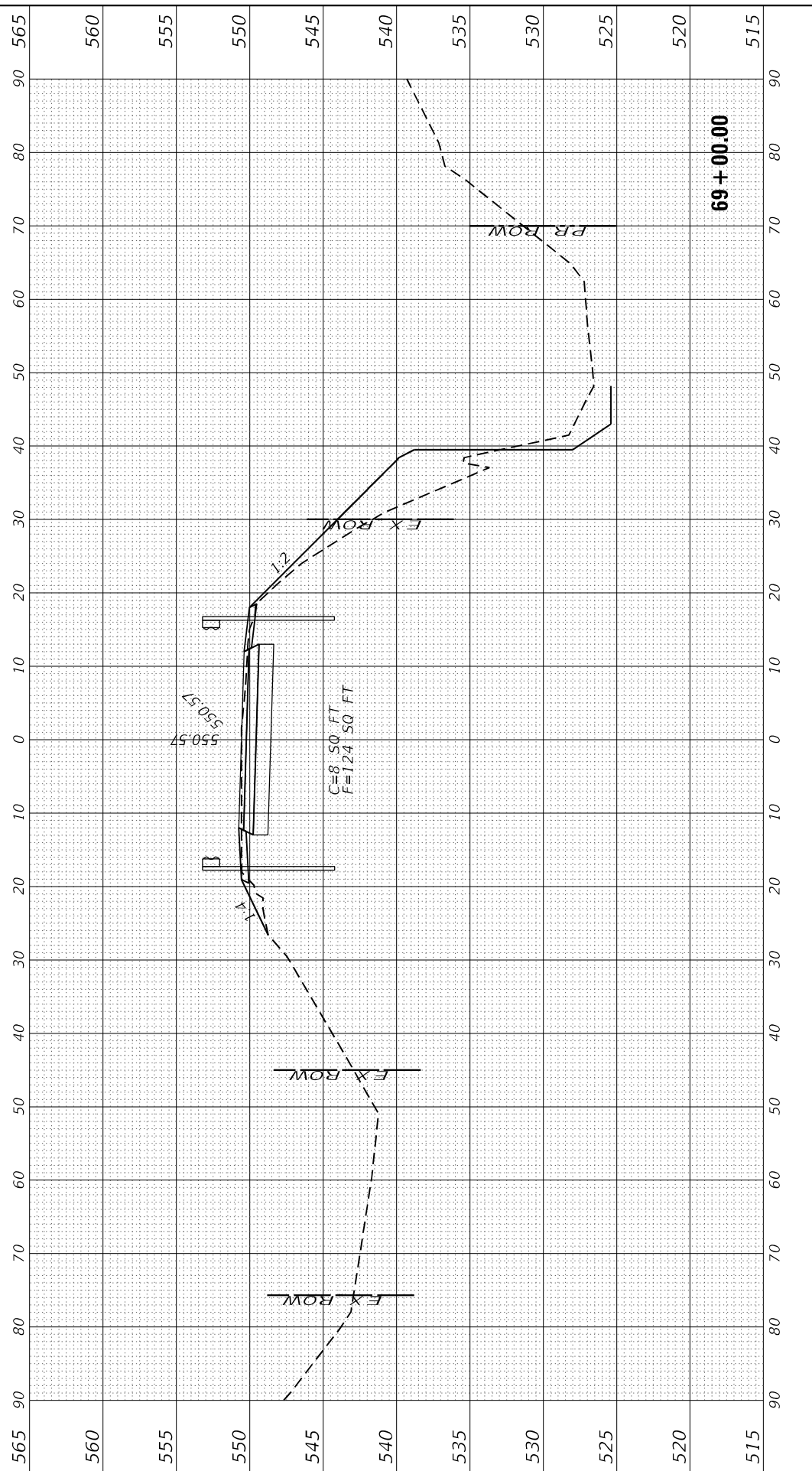
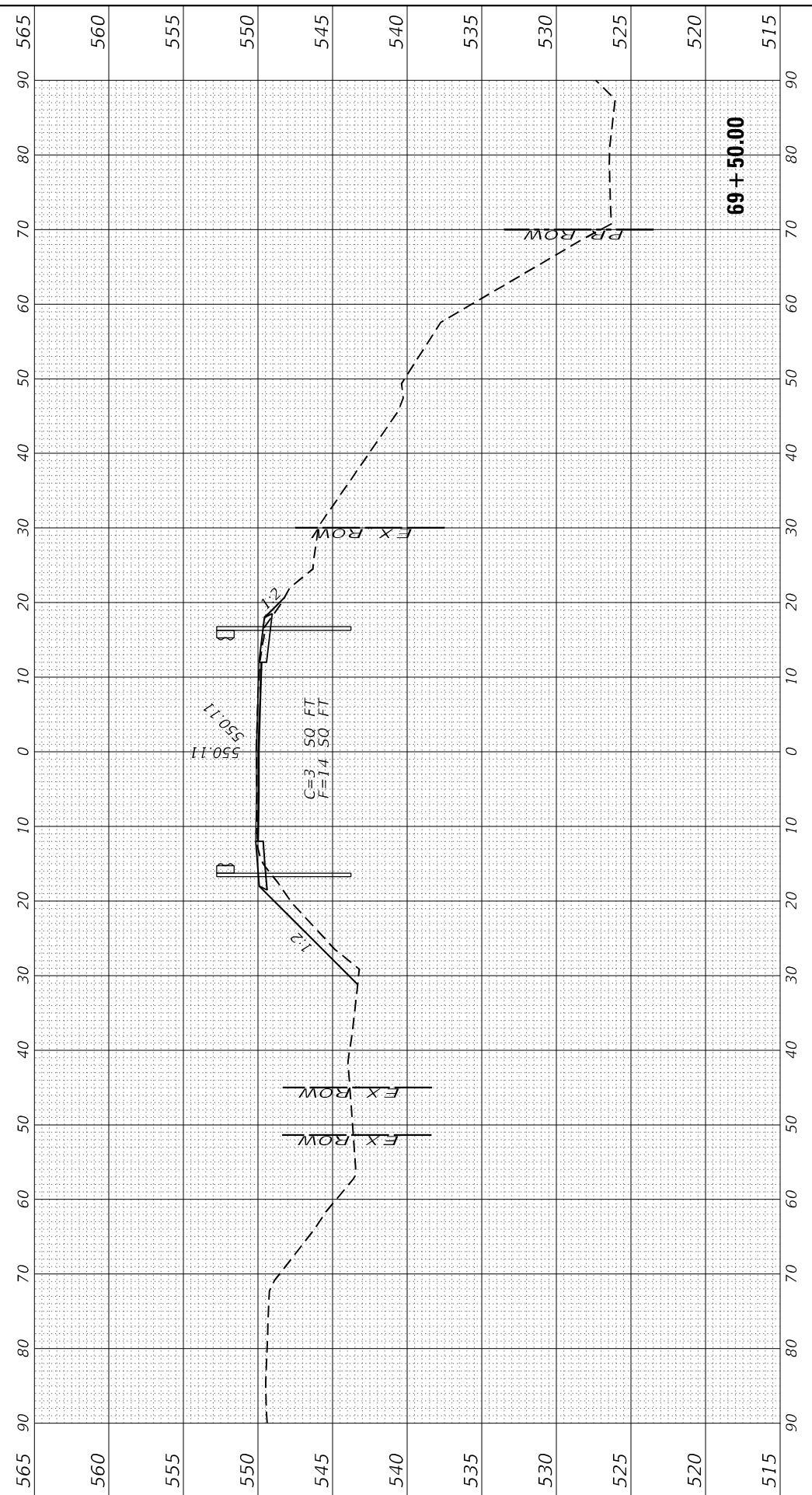
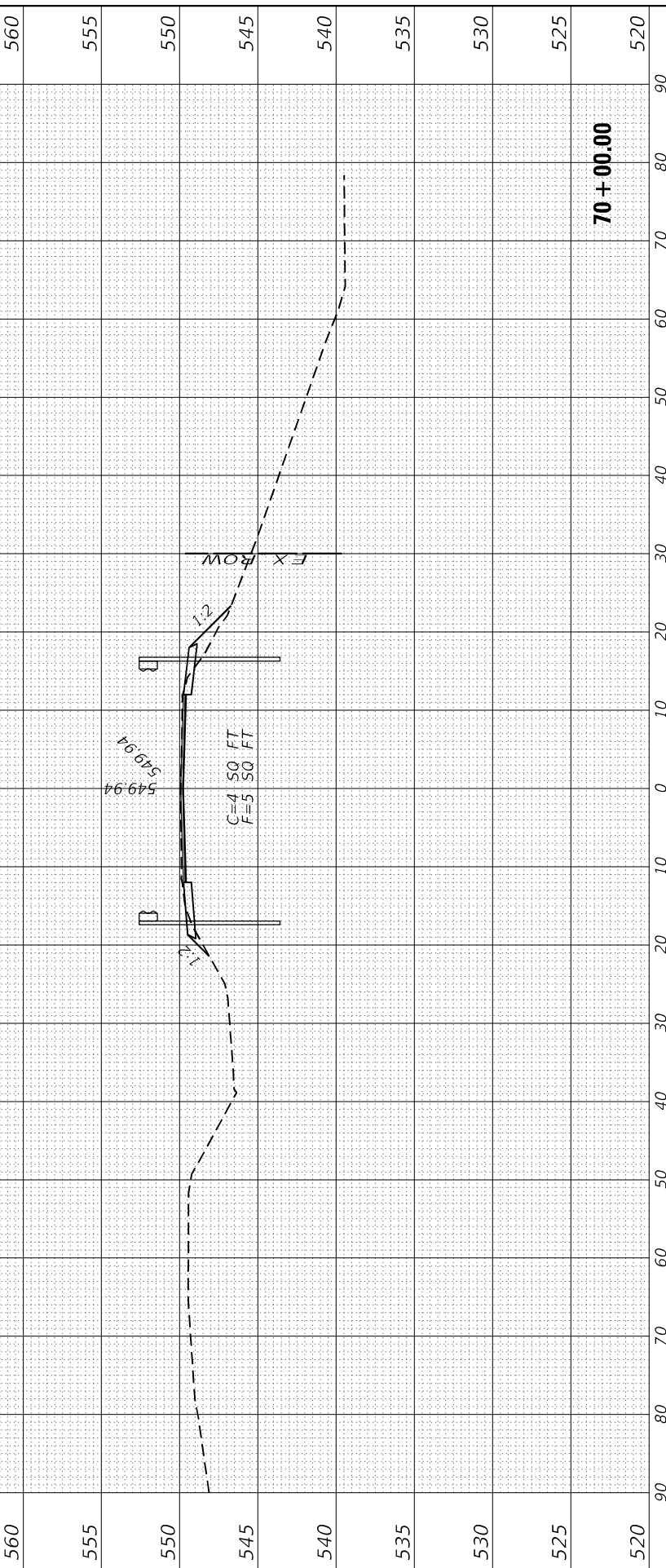
F.A.S. RTE. 1252	SECTION (R-4)CR	COUNTY	TOTAL SHEETS 100	SHEET NO. 98
BUREAU			CONTRACT NO. 66F91	
ILLINOIS FED. AID PROJECT				



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

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

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USER NAME = CHAMLIN

DESIGNED - DJD
 DRAWN - NV
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE: SHEET 24 OF 25 SHEETS STA. 69+00.00 TO STA. 70+00.00

**IL 29
 CROSS SECTIONS**

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1252	(R-4)CR	BUREAU	100	99
ILLINOIS FED. AID PROJECT			CONTRACT NO. 66F91	

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

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

MODEL: Proj: DA
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USER NAME = CHAMLIN	DESIGNED - DJD	REVISOR -
PLOT SCALE =	DRAWN - NV	REVISOR -
PLOT DATE =	CHECKED -	REVISOR -
	DATE -	REVISOR -

DESIGNED - DJD	REVISOR -
DRAWN - NV	REVISOR -
CHECKED -	REVISOR -
DATE -	REVISOR -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL 29
 CROSS SECTIONS**

SCALE: SHEET 25 OF 25 SHEETS STA. 70+50.00 TO STA. 71+50.00

F.A.S. RTE. 1252	SECTION (R-4)CR	COUNTY BUREAU	TOTAL SHEETS 100	SHEET NO. 100
CONTRACT NO. 66F91			ILLINOIS FED. AID PROJECT	

