

SUMMARY OF QUANTITIES

SPEC. PROV. SPECIALTY ITEM	CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY
	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	15
	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	24
	20100500	TREE REMOVAL, ACRES	ACRE	1.0
*	20200100	EARTH EXCAVATION	CU YD	1990
*	20300100	CHANNEL EXCAVATION	CU YD	2666
*	20400800	FURNISHED EXCAVATION	CU YD	3030
*	20800150	TRENCH BACKFILL	CU YD	44
*	20900110	POROUS GRANULAR BACKFILL	CU YD	74
*	25000210	SEEDING, CLASS 2A	ACRE	2.0
*	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	180
*	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	180
*	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	180
*	25100115	MULCH, METHOD 2	ACRE	2.0
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	200
	28000305	TEMPORARY DITCH CHECKS	FOOT	270
	28000315	AGGREGATE DITCH CHECKS	TON	32
	28000400	PERIMETER EROSION BARRIER	FOOT	891
	28000500	INLET AND PIPE PROTECTION	EACH	5
	28100809	STONE DUMPED RIPRAP, CLASS A5	TON	850
	35100700	AGGREGATE BASE COURSE, TYPE A 8"	SQ YD	3677
*	40200700	AGGREGATE SURFACE COURSE, TYPE A 8"	SQ YD	534
*	40300200	BITUMINOUS MATERIALS (PRIME COAT)	TON	4.5
*	40300400	BITUMINOUS MATERIALS (COVER AND SEAL COATS)	TON	11.5
*	40300500	COVER COAT AGGREGATE	TON	92
*	40300600	SEAL COAT AGGREGATE	TON	46
*	40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	87
	50100300	REMOVAL OF EXISTING STRUCTURES NO. 1	EACH	1
*	50100400	REMOVAL OF EXISTING STRUCTURES NO. 2	EACH	1
	50105220	PIPE CULVERT REMOVAL	FOOT	105
	50200100	STRUCTURE EXCAVATION	CU YD	98
	50300225	CONCRETE STRUCTURES	CU YD	66.2
	50300280	CONCRETE ENCASEMENT	CU YD	51.0

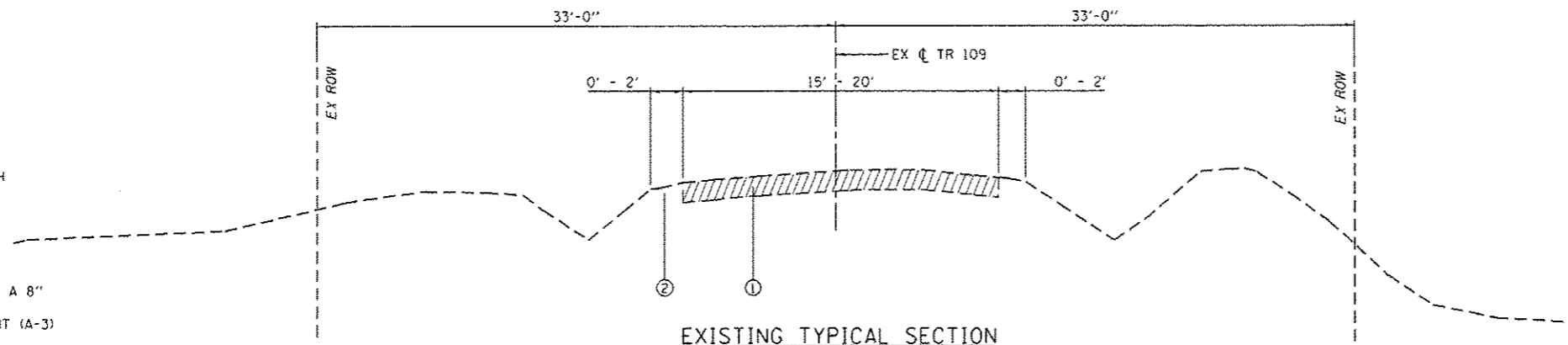
SUMMARY OF QUANTITIES

SPEC. PROV. SPECIALTY ITEM	CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY
*	50400605	PRECAST PRESTRESSED CONCRETE DECK BEAMS (33" DEPTH)	50 FT	7157
	50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	10020
*	50901050	STEEL RAILING, TYPE SM	FOOT	480
	51201610	FURNISHING STEEL PILES HP12X63	FOOT	275
	51201900	FURNISHING STEEL PILES HP14X89	FOOT	378
	51202305	DRIVING PILES	FOOT	275
	51203610	TEST PILE STEEL HP12X63	EACH	2
	51500100	NAME PLATES	EACH	1
*	54001001	BOX CULVERT END SECTIONS, CULVERT NO. 1	EACH	2
*	54011208	PRECAST CONCRETE BOX CULVERTS 12' X 8'	FOOT	72
	542A0220	PIPE CULVERTS, CLASS A, TYPE 1 15"	FOOT	50
	542A0229	PIPE CULVERTS, CLASS A, TYPE 1 24"	FOOT	81
	54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	4
	54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	4
	58100200	WATERPROOFING MEMBRANE SYSTEM	50 YD	796
	59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	30.8
*	63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	2
*	63100087	TRAFFIC BARRIER TERMINAL, TYPE 6A	EACH	2
* *	63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	6
	66500105	WOVEN WIRE FENCE, 4'	FOOT	212
	67100100	MOBILIZATION	LSUM	1
*	72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	6
*	78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	6
*	78200011	BARRIER WALL REFLECTORS, TYPE C	EACH	8
*	Z0065000	SETTING PILES IN ROCK	EACH	12
*	Z0013798	CONSTRUCTION LAYOUT	LSUM	1
*	Z0022800	FENCE REMOVAL	FOOT	350
* *	X6310188	TRAFFIC BARRIER TERMINAL, TYPE 6A (MODIFIED)	EACH	2
* *	X6330725	STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS)	FOOT	75.0
Δ *	Z007660 TRAVELERS		HOWR	1,000
*	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1
Δ *	Z007660 TRAVELERS TRAINING PROGRAM GRADUATE		HOWR	1,000

Δ = 0042

LEGEND

- ① EX OIL AND CHIP SURFACE WITH AGGREGATE BASE, 6"(±)
- ② EX EARTH SHOULDER
- ③ EMBANKMENT
- ④ AGGREGATE BASE COURSE, TYPE A 8"
- ⑤ BITUMINOUS SURFACE TREATMENT (A-3)
- ⑥ EARTH SHOULDERS
- ⑦ GUARDRAIL & TRAFFIC BARRIER TERMINALS



STA 117+50.00 (17+50.00) TO STA 123+96.48 (23+92.16)
 STA 125+85.38 (25+80.81) TO STA 135+05.12 (35+00.00)

EXISTING TYPICAL SECTION NOTES:
 STATION RANGE REFERENCES EXISTING BASELINE AND (PROPOSED BASELINE).
 EXISTING STRUCTURE OMISSION FROM STA 123+96.48 TO STA 125+85.38.

PROPOSED TYPICAL SECTIONS NOTES:
 SEE PLAN AND PROFILE SHEETS FOR EXACT LOCATIONS OF PROPOSED GUARDRAIL.
 SEE PLAN AND PROFILE SHEETS FOR EXACT LOCATIONS OF PROPOSED DITCHES.

THE FRONT SLOPES FROM LEFT STA 17+50.00 TO STA 19+40.00 AND FROM LEFT STA 21+00.00 TO STA 23+40.00 SHALL BE TIED INTO THE EXISTING TOP OF BANK OF THE LARGE DITCH LOCATED ON THE NORTH SIDE OF THE ROADWAY.

THE FRONT SLOPES FROM STA 27+40.00 TO STA 29+40.00 SHALL BE 1V:4H.

THE ROADWAY CROSS-SLOPE SHALL BE -1.5% FROM STA 22+42 RT TO STA 26+12 RT.

THE ROADWAY CROSS-SLOPE SHALL BE -1.5% FROM STA 23+08 LT TO STA 26+12 LT.

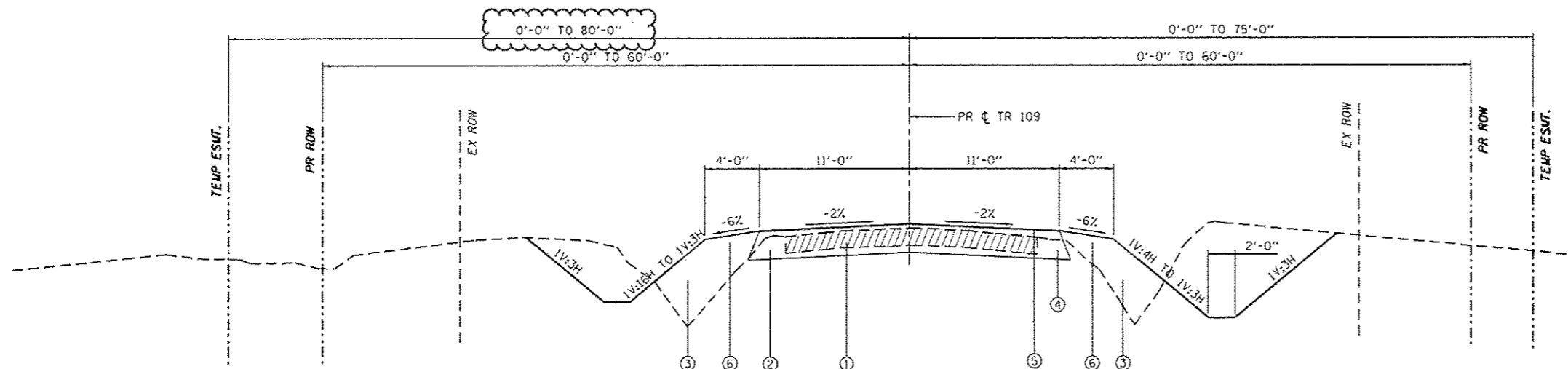
PROPOSED STRUCTURE OMISSION FROM STA 23+40.00 TO STA 25+80.00.

SUPERELEVATION: CURVE PR.TR109-1

Station	Cross Slope (%) LEFT	Cross Slope (%) RIGHT
18+00.00	-2.00	-2.00
18+17.00	-2.00	-2.00
18+20.00	-1.86	-2.00
18+40.00	-0.95	-2.00
18+60.00	-0.05	-2.00
18+80.00	0.86	-2.00
19+00.00	1.77	-2.00
19+05.00	2.00	-2.00
19+20.00	2.68	-2.68
19+40.00	3.59	-3.59
19+49.00	4.00	-4.00
21+87.00	4.00	-4.00
22+00.00	3.41	-3.41
22+20.00	2.50	-2.50
22+40.00	1.59	-1.59
22+42.00	1.50	-1.50
22+40.00	1.59	-1.50
22+60.00	0.68	-1.50
22+80.00	-0.23	-1.50
23+00.00	-1.14	-1.50
23+08.00	-1.50	-1.50
23+20.00	-1.50	-1.50

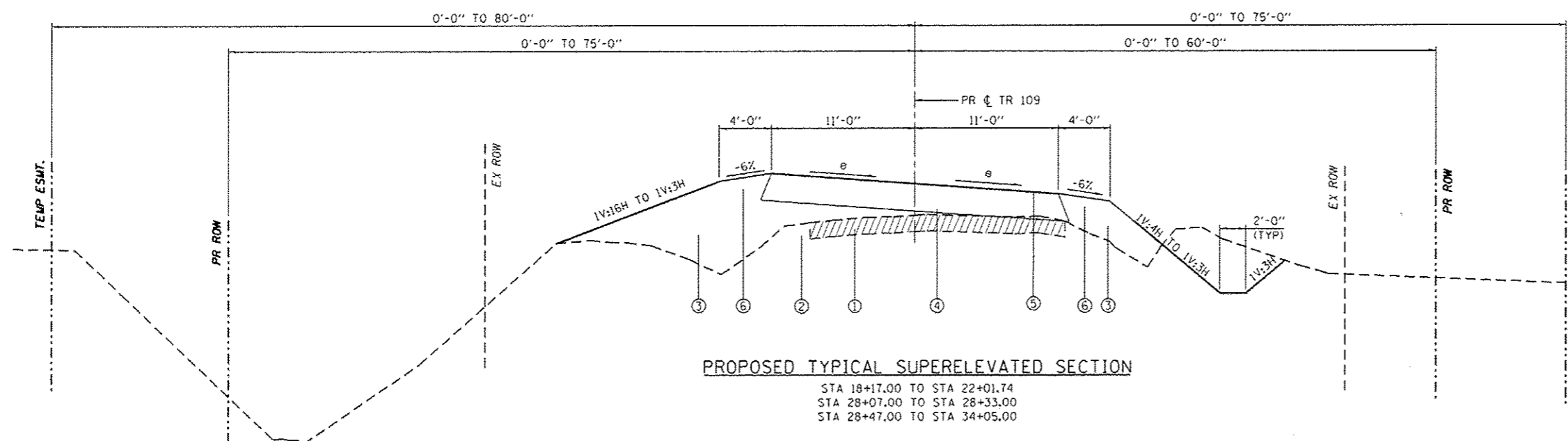
SUPERELEVATION: CURVE PR.TR109-2

Station	Cross Slope (%) LEFT	Cross Slope (%) RIGHT
28+00.00	-2.00	-2.00
28+07.00	-2.00	-2.00
28+20.00	-2.00	-1.41
28+40.00	-2.00	-0.50
28+60.00	-2.00	0.41
28+80.00	-2.00	1.32
28+95.00	-2.00	2.00
29+00.00	-2.23	2.23
29+20.00	-3.14	3.14
29+39.00	-4.00	4.00
32+73.00	-4.00	4.00
32+80.00	-3.68	3.68
33+00.00	-2.77	2.77
33+17.00	-2.00	2.00
33+20.00	-2.00	1.86
33+40.00	-2.00	0.95
33+60.00	-2.00	0.05
33+80.00	-2.00	-0.86
34+00.00	-2.00	-1.77
34+05.00	-2.00	-2.00
34+20.00	-2.00	-2.00



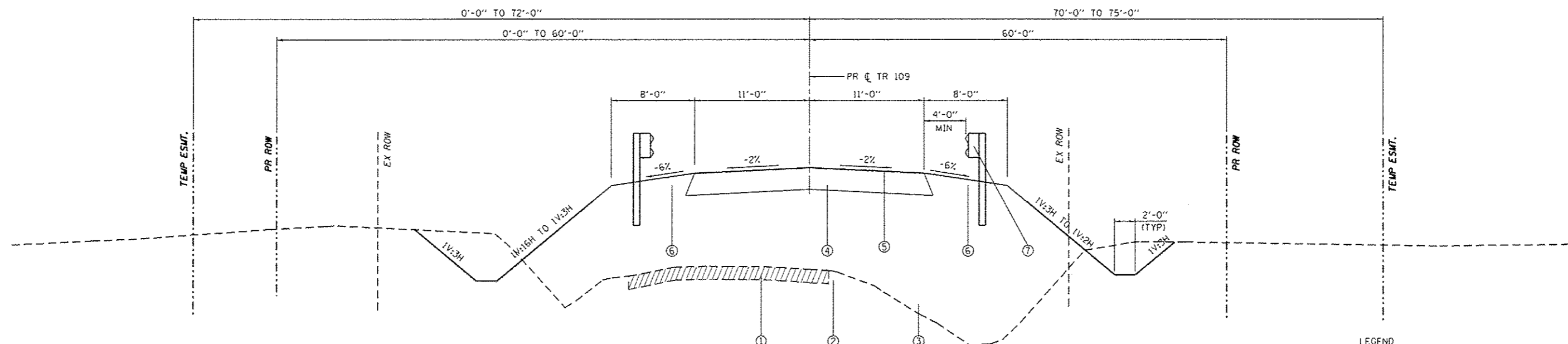
PROPOSED TYPICAL TANGENT SECTION

STA 17+50.00 TO STA 18+17.00
 STA 27+95.04 TO STA 28+07.00
 STA 34+05.00 TO STA 35+00.00



PROPOSED TYPICAL SUPERELEVATED SECTION

STA 18+17.00 TO STA 22+01.74
 STA 28+07.00 TO STA 28+33.00
 STA 28+47.00 TO STA 34+05.00



PROPOSED TYPICAL SECTIONS NOTES:

SEE PLAN AND PROFILE SHEETS FOR EXACT LOCATIONS OF PROPOSED GUARDRAIL.

SEE PLAN AND PROFILE SHEETS FOR EXACT LOCATIONS OF PROPOSED DITCHES.

THE FRONT SLOPES FROM LEFT STA 17+50.00 TO STA 19+40.00 AND FROM LEFT STA 21+00.00 TO STA 23+40.00 SHALL BE TIED INTO THE EXISTING TOP OF BANK OF THE LARGE DITCH LOCATED ON THE NORTH SIDE OF THE ROADWAY.

THE FRONT SLOPES FROM STA 27+40.00 TO STA 29+40.00 SHALL BE 1V:4H.

THE ROADWAY CROSS-SLOPE SHALL BE -1.5% FROM STA 22+42 RT TO STA 26+12 RT.

THE ROADWAY CROSS-SLOPE SHALL BE -1.5% FROM STA 23+08 LT TO STA 26+12 LT.

PROPOSED STRUCTURE OMISSION FROM STA 23+40.00 TO STA 25+80.00.

PROPOSED TYPICAL TANGENT SECTION

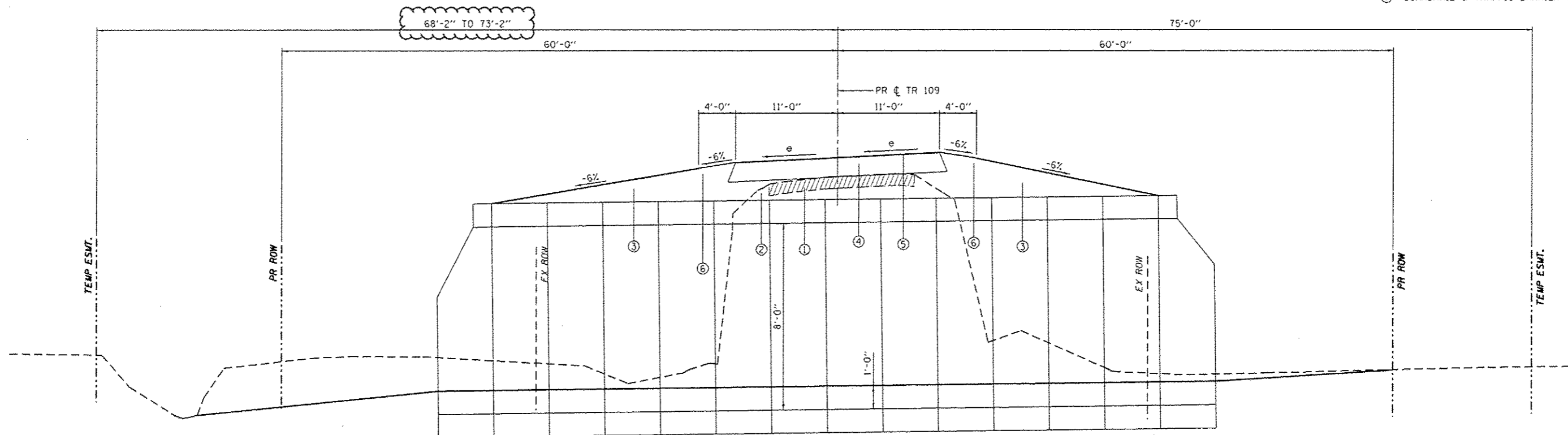
STA 23+08.00 TO STA 23+40.00
STA 25+80.00 TO STA 27+95.04

CROSS-SLOPE TRANSITION: EAST SIDE OF BRIDGE

Station	LEFT Cross Slope (%)	RIGHT Cross Slope (%)
26+00.00	-1.50	-1.50
26+12.00	-1.50	-1.50
26+20.00	-1.86	-1.86
26+23.00	-2.00	-2.00
26+40.00	-2.00	-2.00

LEGEND

- ① EX OIL AND CHIP SURFACE WITH AGGREGATE BASE, 6"(±)
- ② EX EARTH SHOULDER
- ③ EMBANKMENT
- ④ AGGREGATE BASE COURSE, TYPE A 8"
- ⑤ BITUMINOUS SURFACE TREATMENT (A-3)
- ⑥ EARTH SHOULDERS
- ⑦ GUARDRAIL & TRAFFIC BARRIER TERMINALS



PROPOSED TYPICAL BOX CULVERT SECTION

STA 28+33.00 TO STA 28+47.00

EARTHWORK SCHEDULE

LOCATION	A	B	C	D	E = C - D
	CHANNEL EXCAVATION	EARTH EXCAVATION	EXCAVATION ADJUSTED FOR SHRINKAGE/LOSS	REQUIRED FILL	BALANCE: WASTE (+) OR SHORTAGE (-)
	CU YD	CU YD	CU YD	CU YD	CU YD
STA 17+50.00 TO STA 23+39.96 (WEST ABUTMENT)		1,128.6	846.5	3,234.0	-2,387.6
STA 23+39.96 (WEST ABUTMENT) TO STA 25+80.04 (EAST ABUTMENT)	2,666.0		1,499.6	175.6	1,324.0
STA 25+80.04 (EAST ABUTMENT) TO STA 35+00.00		859.5	644.6	2,614.5	-1,969.9
TOTAL	2,666.0	1,988.1	2,990.7	6,024.1	-3,033.4
USE	2,666	1,990	2,995	6,025	3,030

NOTES:
 ESTIMATED EARTHWORK QUANTITIES WERE CALCULATED FROM CROSS-SECTION END AREAS.
 SCHEDULE ASSUMES A 25% SHRINKAGE/LOSS FACTOR, (CHANNEL EXCAVATION ADJUSTED FOR 25% SHRINKAGE/LOSS AND 25% WASTE).
 COLUMN "A" - ESTIMATED VOLUME OF CUT MATERIAL FROM BETWEEN THE ABUTMENTS (CHANNEL EXCAVATION).
 COLUMN "B" - ESTIMATED VOLUME OF CUT MATERIAL OUTSIDE THE ABUTMENTS (EARTH EXCAVATION).
 COLUMN "C" - ESTIMATED VOLUME OF CUT MATERIAL ADJUSTED FOR WASTE & SHRINKAGE/LOSS THAT IS SUITABLE FOR EMBANKMENT (NOT A PAY ITEM).
 COLUMN "D" - ESTIMATED VOLUME OF FILL MATERIAL REQUIRED (NOT A PAY ITEM).
 COLUMN "E" - ESTIMATED EARTHWORK MATERIAL BALANCE (FURNISHED EXCAVATION).

TREE REMOVAL SCHEDULE

LOCATION	TREE REMOVAL ACRES	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	TREE REMOVAL (OVER 15 UNITS DIAMETER)
	ACRE	UNIT	UNIT
	STA 28+89.30 TO STA 29+56.42	33.54' LT	
STA 29+56.42 TO STA 29+56.42	34.69' LT	15	
STA 17+50.00 TO STA 21+20.00	LT TO		
STA 29+73.00 TO STA 32+59.00	LT TO	0.21	
STA 20+56.00 TO STA 23+87.00	RT TO	0.04	
STA 26+29.00 TO STA 29+60.00	RT TO	0.29	
STA 29+70.00 TO STA 34+60.00	RT TO	0.28	
TOTAL	0.90	15	24
USE	1.0	15	24

EROSION CONTROL AND SEEDING SCHEDULE

LOCATION	SEEDING, CLASS 2A	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	MULCH, METHOD 2	TEMPORARY EROSION CONTROL SEEDING	TEMPORARY DITCH CHECKS	AGGREGATE DITCH CHECKS	PERIMETER EROSION BARRIER	INLET AND PIPE PROTECTION
	ACRE	POUND	POUND	POUND	ACRE	POUND	FOOT	TON	FOOT	EACH
STA 17+50.00 LT TO STA 19+36.00 LT									206.4	
STA 17+50.00 LT TO STA 23+39.96 LT	0.55	49.4	49.4	49.4	0.55	55				
STA 17+50.00 RT TO STA 23+39.96 RT	0.39	35.1	35.1	35.1	0.39	39	40			1
STA 21+00.00 LT TO STA 23+51.00 LT								15.6	262.2	
STA 21+00.00 LT TO STA 23+58.95 LT								15.6		
STA 25+90.00 LT TO STA 27+80.00 LT									199.6	
STA 25+71.00 RT TO STA 26+60.00 RT									129.8	
STA 25+80.04 LT TO STA 35+00.00 LT	0.50	45.3	45.3	45.3	0.50	50	90			2
STA 25+80.04 RT TO STA 35+00.00 RT	0.53	47.9	47.9	47.9	0.53	53	140			2
STA 27+80.00 RT TO STA 28+60.00 RT									92.5	
TOTAL	1.97	177.7	177.7	177.7	1.97	197	270	31.2	890.4	5
USE	2.0	180	180	180	2.0	200	270	32	891	5

ENTRANCE SCHEDULE

TYPE	LOCATION		AGGREGATE SURFACE COURSE, TYPE A 8"
	STA	LT/RT	SO YD
FE	STA 18+92.00	RT	56.4
PE	STA 26+28.77	RT	146.2
PE	STA 26+36.81	LT	109.0
PE	STA 29+63.00	RT	106.8
PE	STA 29+67.00	LT	58.0
PE	STA 34+36.00	LT	57.2
TOTAL			533.7
USE			534

CULVERTS SCHEDULE

LOCATION	PIPE CULVERT REMOVAL	REMOVAL OF EXISTING STRUCTURES NO. 2	PIPE CULVERTS, CLASS A, TYPE 1 15"	PIPE CULVERTS, CLASS A, TYPE 1 24"	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	TRENCH BACKFILL	POROUS GRANULAR BACKFILL	PRECAST CONCRETE BOX CULVERT 12' X 8'	BOX CULVERT END SECTIONS
	FOOT	EACH	FOOT	FOOT	EACH	EACH	CU YD	CU YD	FOOT	EACH
ENTRANCE										
18+92 RT STA 18+74.12 21.18' 436.53 TO STA 19+09.87 22.28' 436.36	29.9		24.0		2		1.9			
29+63 RT STA 29+34.36 35.69' 436.85 TO STA 29+87.72 25.09' 438.59	23.9			44.0		2	2.3			
29+67 LT STA 29+40.47 32.98' 436.83 TO STA 29+89.89 24.59' 437.99	27.3			37.0		2	5.0			
34+36 LT STA 34+16.16 20.49' 444.87 TO STA 34+53.92 21.24' 444.98	23.4		26.0		2		2.7			
ACROSS-ROAD (BOX)										
28+40 STA 28+40.00 43.07' LT 431.59 TO STA 28+40.00 40.93' RT 432.01		1					31.2	73.0	72.0	2
TOTAL	104.5	1	50.0	81.0	4	4	43.2	73.0	72.0	2
USE	105	1	50	81	4	4	44	74	72	2

NOTES:
 THE TRENCH BACKFILL SHOWN FOR THE BOX CULVERT IS THE ESTIMATED AMOUNT OF MATERIAL NECESSARY TO FILL THE VOID LEFT BY REMOVING THE EXISTING BOX THAT IS OUTSIDE THE POROUS GRANULAR BACKFILL SHOWN BY THE DETAIL CONTAINED IN THE PLANS.

PAVING SCHEDULE

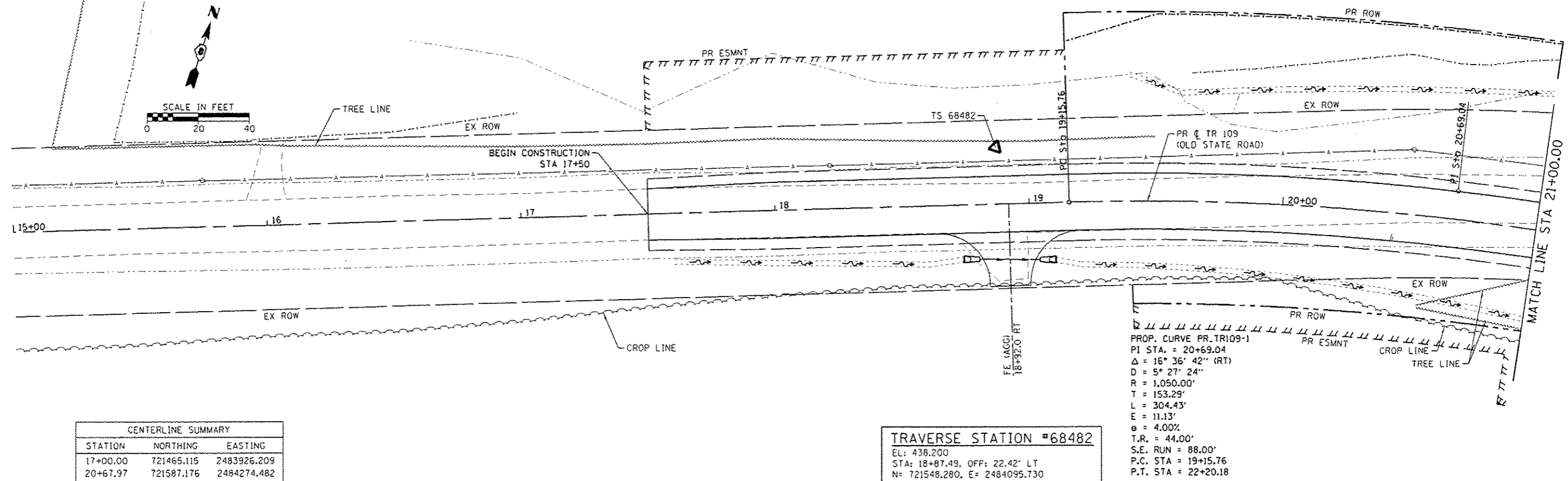
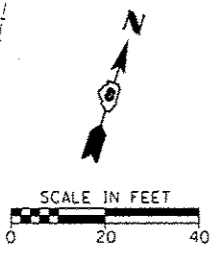
LOCATION		AGGREGATE BASE COURSE, TYPE A 8"	BITUMINOUS MATERIALS (PRIME COAT)	BITUMINOUS MATERIALS (COVER AND SEAL COATS)	COVER COAT AGGREGATE	SEAL COAT AGGREGATE
		SQ YD	TON	TON	TON	TON
STA 17+50.00	TO STA 23+39.96	1436.7	1.6	4.5	35.9	18.0
BRIDGE OMISSION						
STA 25+80.04	TO STA 35+00.00	2239.7	2.6	7.0	56.0	28.0
TOTAL		3676.4	4.2	11.5	91.9	46.0
USE		3677	4.5	11.5	92	46

FENCE SCHEDULE

LOCATION								FENCE REMOVAL	WOVEN WIRE FENCE, 4'
								FOOT	FOOT
STA 19+63.60	50.62'	LT	TO	STA 21+12.90	70.55'	LT	159.8		
STA 26+77.37	31.20'	RT	TO	STA 27+00.65	36.31'	RT	23.8		
STA 32+52.83	28.54'	RT	TO	STA 33+03.96	24.02'	RT	52.6		
STA 31+23.76	34.79'	LT	TO	STA 32+20.13	26.11'	LT	94.1		
STA 34+01.37	22.90'	RT	TO	STA 34+20.62	22.39'	RT	19.3		
STA 19+16.47	63.67'	LT	TO	STA 19+50.00	74.00'	LT		37.2	
STA 19+50.00	74.00'	LT	TO	STA 21+00.00	74.00'	LT		160.6	
STA 21+00.00	74.00'	LT	TO	STA 21+12.90	70.55'	LT		14.2	
TOTAL								349.6	212.0
USE								350	212

GUARDRAIL SCHEDULE

LOCATION							TRAFFIC BARRIER TERMINAL, TYPE 6A	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL TANGENT)	TRAFFIC BARRIER TERMINAL, TYPE 6A (MODIFIED)	GUARDRAIL REFLECTORS, TYPE A	BARRIER WALL MARKERS, TYPE C	TRAFFIC BARRIER TERMINAL, TYPE 2	STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS)	TERMINAL MARKER - DIRECT APPLIED
							EACH	EACH	EACH	EACH	EACH	EACH	FOOT	EACH
STA 22+38.97	16.00'	RT	TO	STA 22+35.98	15.00'	RT	1	1					1	
STA 22+47.00	16.00'	LT	TO	STA 23+44.02	15.00'	LT	1	1					1	
STA 25+75.98	15.00'	RT	TO	STA 25+94.88	15.00'	RT			1					
STA 25+94.88	15.00'	RT	TO	STA 26+10.94	31.82'	RT						37.50		
STA 26+10.94	31.82'	RT	TO	STA 25+98.72	39.20'	RT					1			
STA 25+84.02	15.00'	LT	TO	STA 26+02.92	15.00'	LT			1					
STA 26+02.92	15.00'	LT	TO	STA 26+18.98	31.82'	LT						37.50		
STA 26+18.98	31.82'	LT	TO	STA 29+06.76	39.20'	LT					1			
STA 26+46.77	16.00'	RT	TO	STA 27+53.00	16.00'	RT		2		1			2	
STA 26+54.81	16.00'	LT	TO	STA 27+61.04	16.00'	LT		2		1			2	
STA 22+38.97	16.00'	RT	TO	STA 26+08.27	15.00'	RT			2	4				
STA 22+47.00	16.00'	LT	TO	STA 26+16.31	15.00'	LT			2	4				
TOTAL							2	6	2	6	8	2	75.00	6
USE							2	6	2	6	8	2	75.0	6



CENTERLINE SUMMARY		
STATION	NORTHING	EASTING
17+00.00	721465.115	2483926.209
20+67.97	721587.176	2484274.482
24+60.00	721605.711	2484667.152
31+06.04	721636.278	2485314.704
36+00.00	721834.463	2485769.604

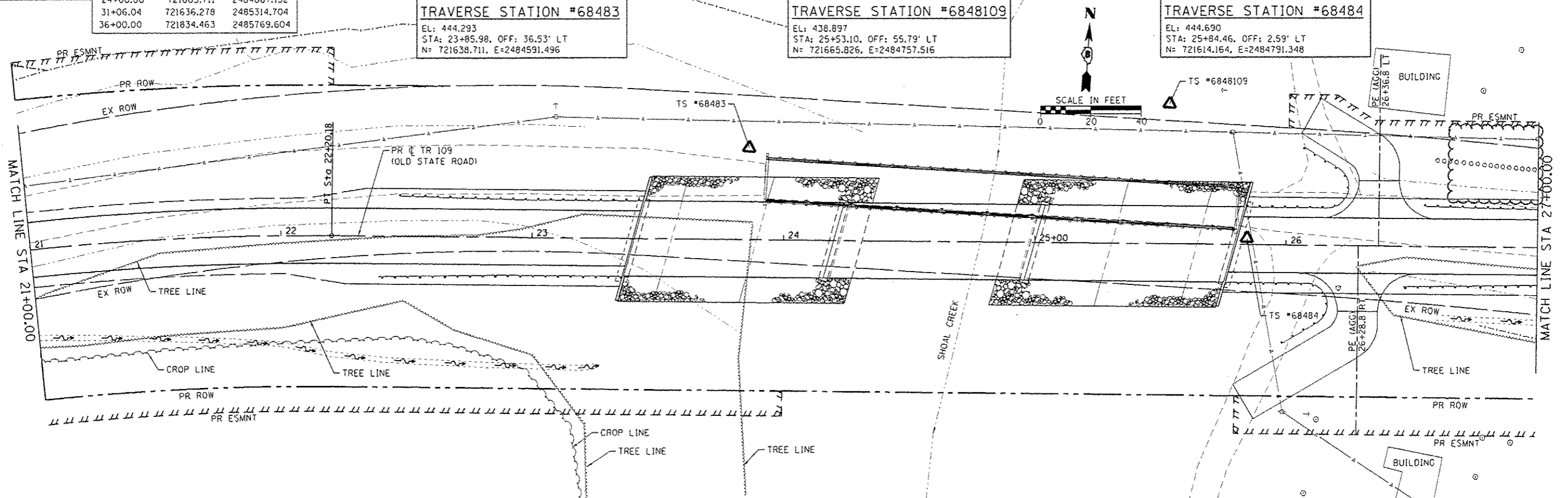
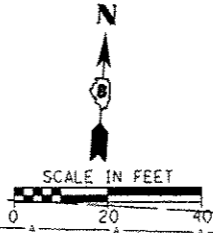
TRAVERSE STATION #68482
 EL: 438.200
 STA: 18+87.49, OFF: 22.42' LT
 N: 721548.280, E: 2484095.730

PROP. CURVE PR TR109-1
 PI STA: 20+69.04
 $\Delta = 16^\circ 36' 42''$ (RT)
 $D = 5^\circ 27' 24''$
 $R = 1,050.00'$
 $T = 153.29'$
 $L = 304.43'$
 $E = 11.13'$
 $\theta = 4.00\%$
 $T.R. = 44.00'$
 $S.E. RUN = 88.00'$
 $P.C. STA = 19+15.76$
 $P.T. STA = 22+20.18$

TRAVERSE STATION #68483
 EL: 444.293
 STA: 23+85.98, OFF: 36.53' LT
 N: 721638.711, E: 2484591.496

TRAVERSE STATION #6848109
 EL: 438.897
 STA: 25+53.10, OFF: 55.79' LT
 N: 721665.826, E: 2484757.516

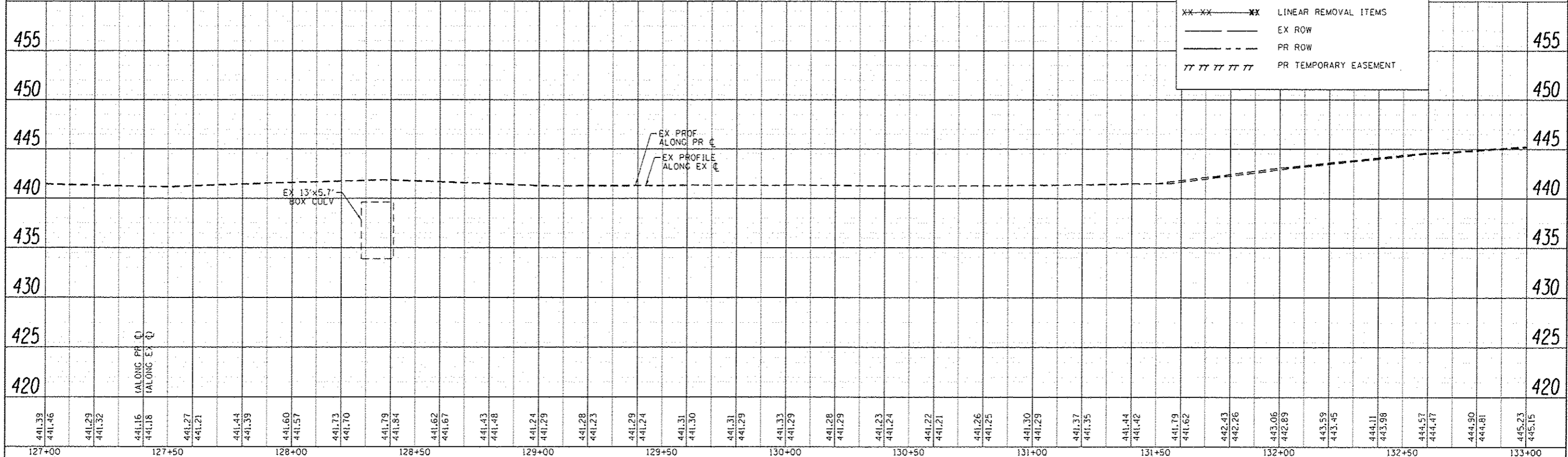
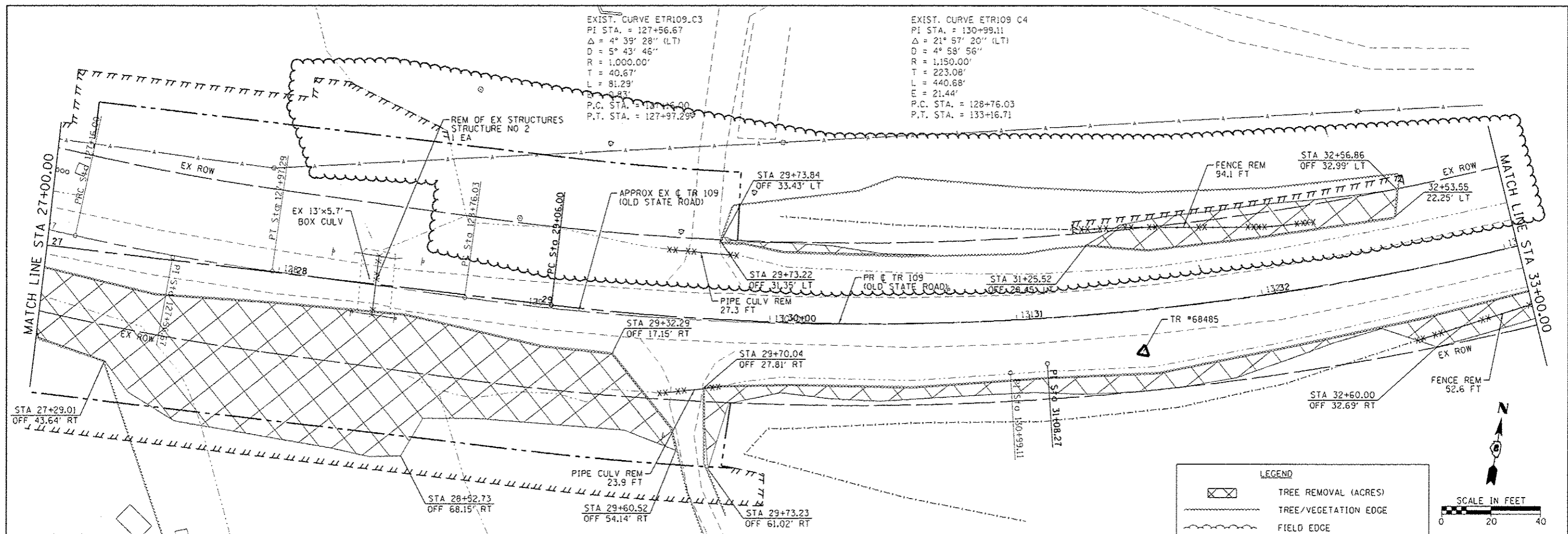
TRAVERSE STATION #68484
 EL: 444.690
 STA: 25+84.46, OFF: 2.59' LT
 N: 721614.164, E: 2484791.348



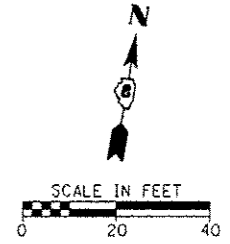
FILE NAME *	USER NAME *	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENT, TIES AND BENCHMARKS	TR	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
H:\6848 CC Old State Rd Bridge\CADD Sheets\6848-SHT-ALIGN.dwg	hansen.john	DRAWN -	REVISED -			109	12-01114-00-BR	CLINTON	75	10	
Default	Plot SCALE = 28.8000' / in.	CHECKED -	REVISED -			SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.					
	Plot DATE = 5/9/2017	DATE -	REVISED -			ILLINOIS FED. AID PROJECT CONTRACT NO. 97647					

PLAN	DATE
BY	
REVISIONS	
NO.	
DESCRIPTION	
DATE	
BY	
NO.	
DESCRIPTION	
DATE	

PROF FILE	DATE
BY	
REVISIONS	
NO.	
DESCRIPTION	
DATE	
BY	
NO.	
DESCRIPTION	
DATE	



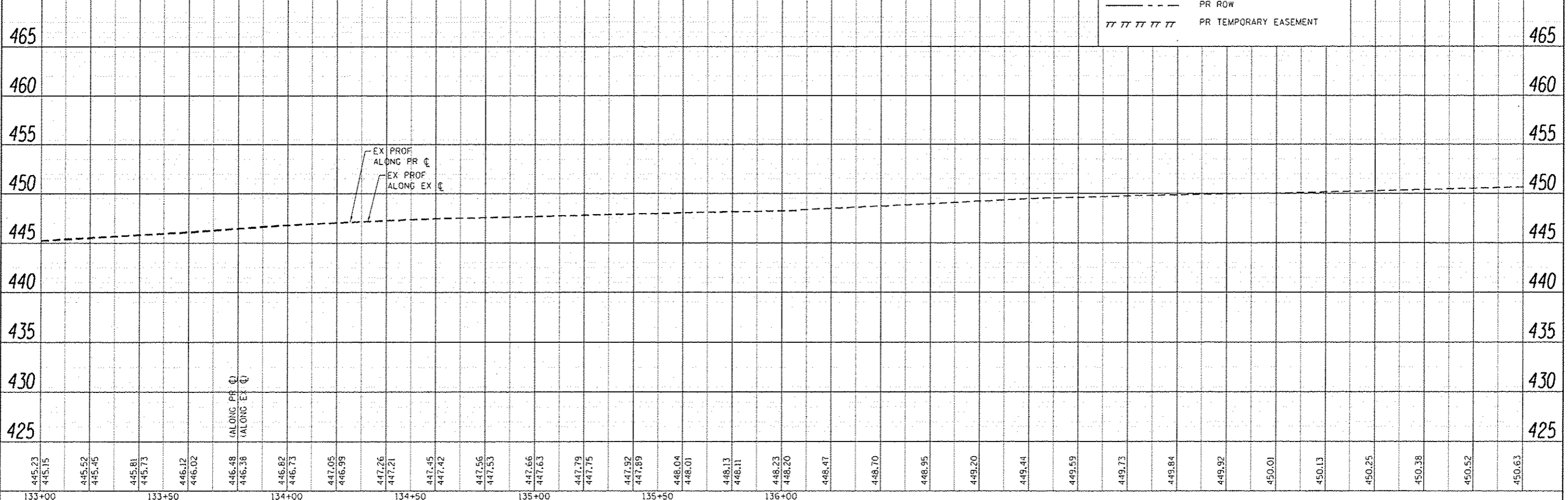
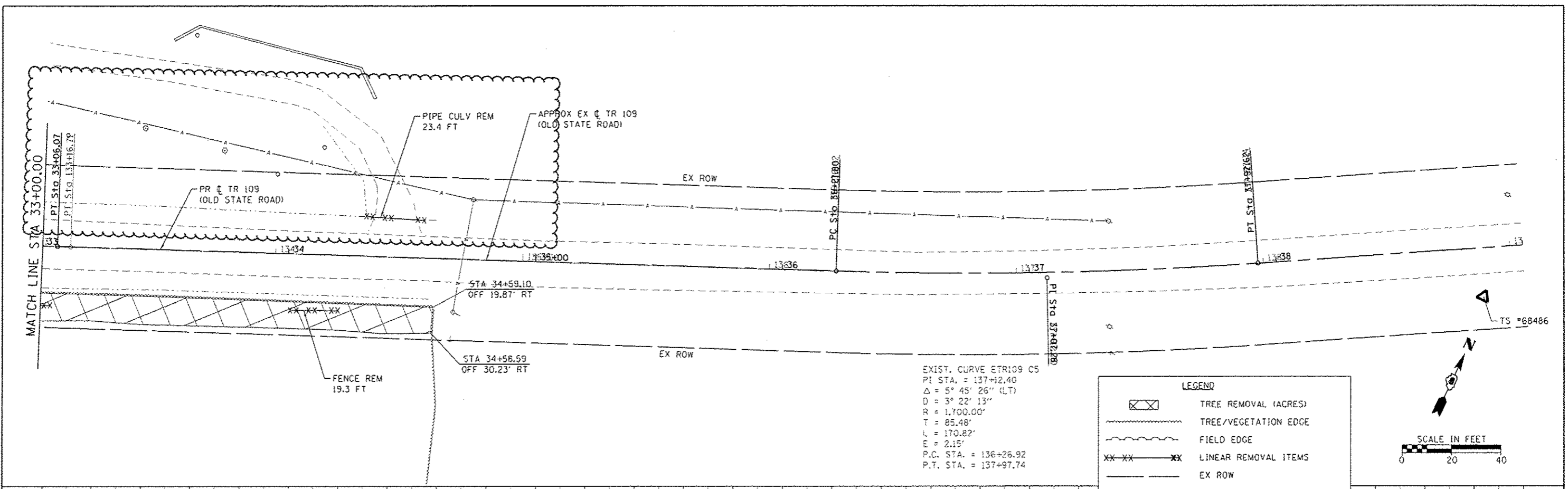
LEGEND	
	TREE REMOVAL (ACRES)
	TREE/VEGETATION EDGE
	FIELD EDGE
	LINEAR REMOVAL ITEMS
	EX ROW
	PR ROW
	PR TEMPORARY EASEMENT



FILE NAME =	USER NAME =	DESIGNED -	REVISED -	STATE OF ILLINOIS		PLAN AND PROFILE		TR	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
HA6848 CC Old State Rd Bridge\CADD	NSB48-SHT-EX-PLNPRF_3.dgn	DRAWN -	REVISED -	DEPARTMENT OF TRANSPORTATION		EXISTING CONDITIONS AND REMOVALS		109	12-01114-00-8R	CLINTON	75	14
Default	PLT SCALE = 20.0000 1/4" = 1'	CHECKED -	REVISED -			SCALE: SHEET 3 OF 4 SHEETS STA. TO STA.				CONTRACT NO. 97647		
	PLT DATE = 5/14/2017	DATE -	REVISED -							ILLINOIS FED. AID PROJECT		

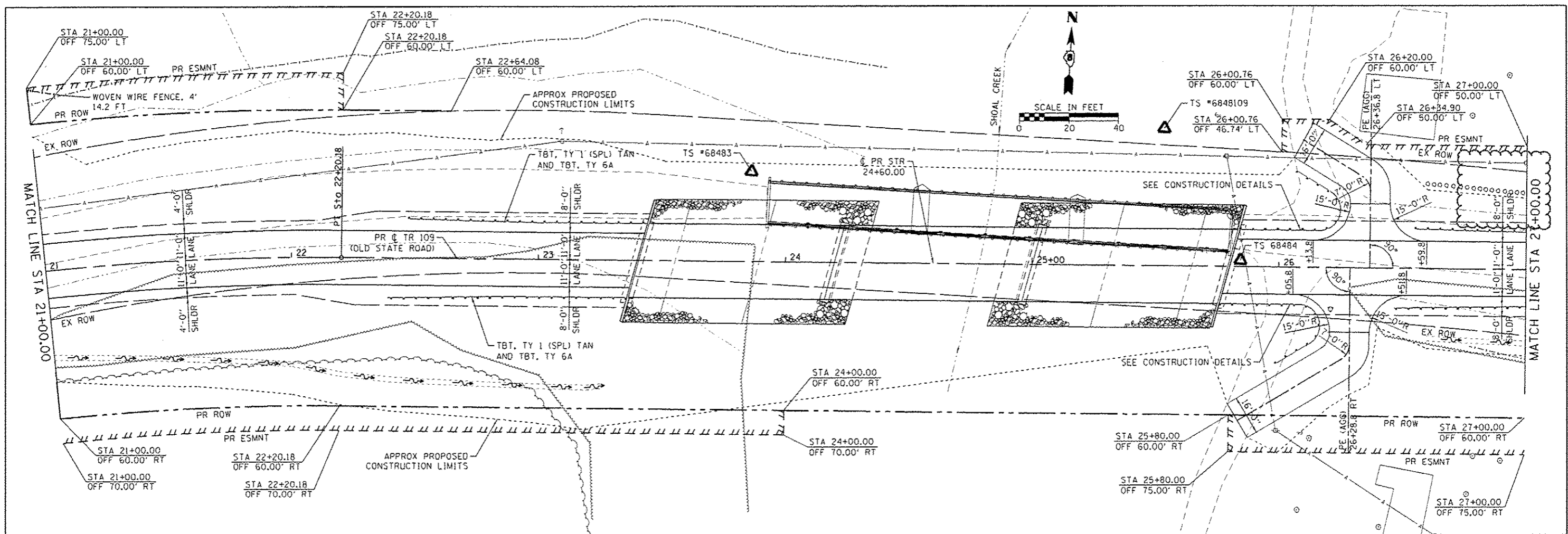
DATE	
BY	
DESIGNED	
DRAWN	
CHECKED	
IN CHARGE	
NOTE BOOK NO.	
FILE NAME	

DATE	
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DESIGNED	
DRAWN	
CHECKED	
IN CHARGE	
NOTE BOOK NO.	
FILE NAME	

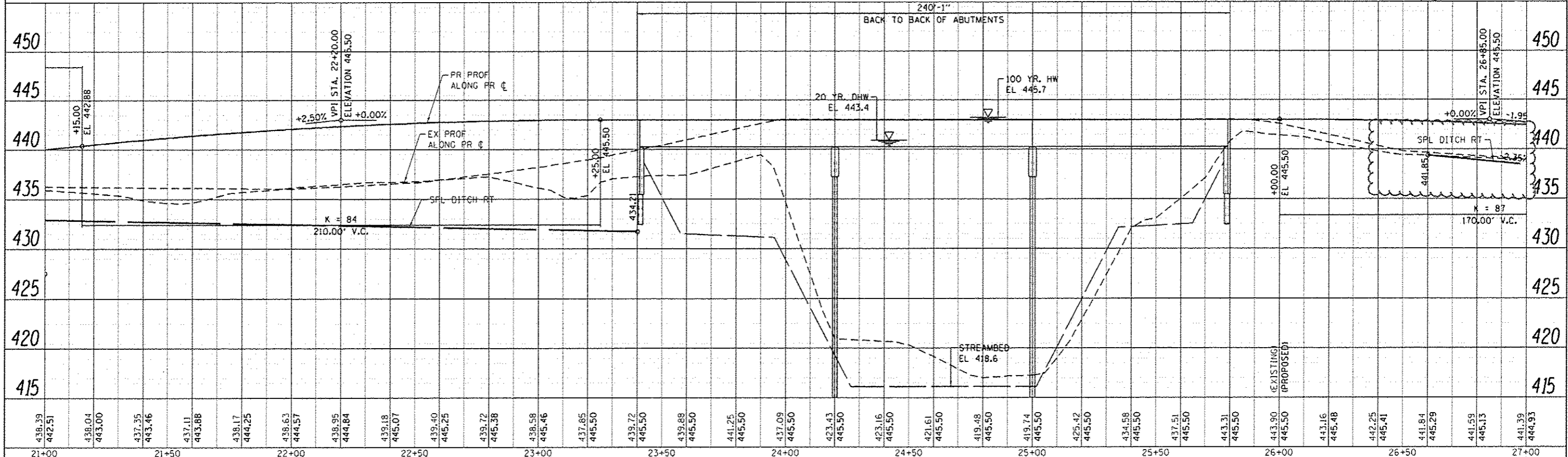


FILE NAME =	USER NAME = hschwartzjohn	DESIGNED -	REVISED - 05/09/17 (ROW NEGS)	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE EXISTING CONDITIONS AND REMOVALS	TR	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
H:\8848 CC Old State Rd Bridge\CADD Shee	h\8848-SIT-EX-PLNPRF_4.dgn	DRAWN -	REVISED -			109	12-01114-00-BR	CLINTON	75	15	
Default	PLT SCALE = 20.0000' / 1" =	CHECKED -	REVISED -			CONTRACT NO. 97647					
	PLT DATE = 5/9/2017	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

PLAN	DATE
BY	
CHECKED	
DATE	
FILE NAME	
NO.	



PROFILE	DATE
BY	
CHECKED	
DATE	
FILE NAME	
NO.	



438.39 442.51	438.04 443.00	437.35 443.46	437.11 443.88	436.17 444.25	436.63 444.57	436.95 444.84	436.18 445.07	435.40 445.25	435.72 445.38	435.58 445.46	437.65 445.50	439.72 445.50	439.88 445.50	441.25 445.50	437.09 445.50	423.43 445.50	423.16 445.50	421.61 445.50	419.48 445.50	419.74 445.50	425.42 445.50	434.58 445.50	437.51 445.50	443.31 445.50	443.90 445.50	443.16 445.48	442.25 445.41	441.84 445.29	441.59 445.13	441.39 444.93
21+00	21+50	22+00	22+50	23+00	23+50	24+00	24+50	25+00	25+50	26+00	26+50	27+00																		

FILE NAME = H:\16248 CC Old State Rd Bridge\CADD Sheets\16248-SHT-PLAN.PRF_2.dgn
 USER NAME = kechwar.john
 DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISIONS
 REVISED - 05/09/17 (ROW NEGGS)
 REVISED -
 REVISED -
 REVISED -

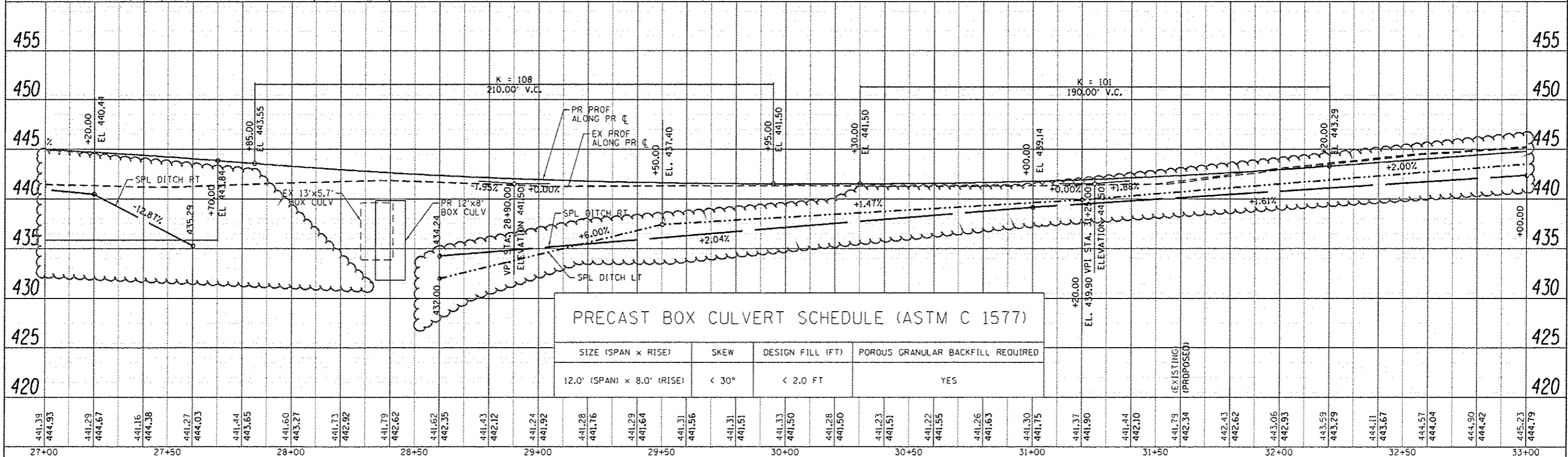
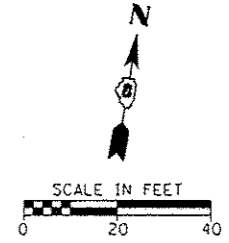
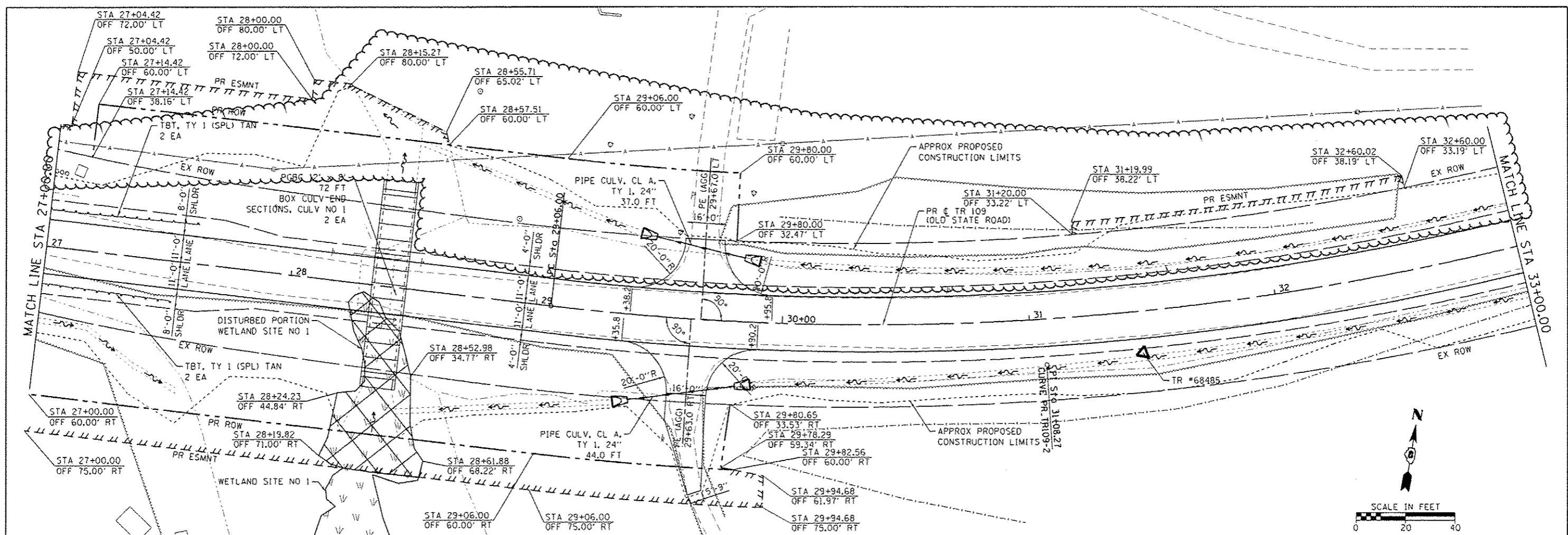
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
 PROPOSED IMPROVEMENTS
 SCALE: SHEET 2 OF 4 SHEETS STA. TO STA.

TR 109 SECTION 12-01114-00-BR COUNTY CLINTON TOTAL SHEETS 75 SHEET NO. 17 CONTRACT NO. 97647 ILLINOIS FED. AID PROJECT

DATE: _____
 BY: _____
 CHECKED: _____
 DATE: _____
 FILE NAME: _____

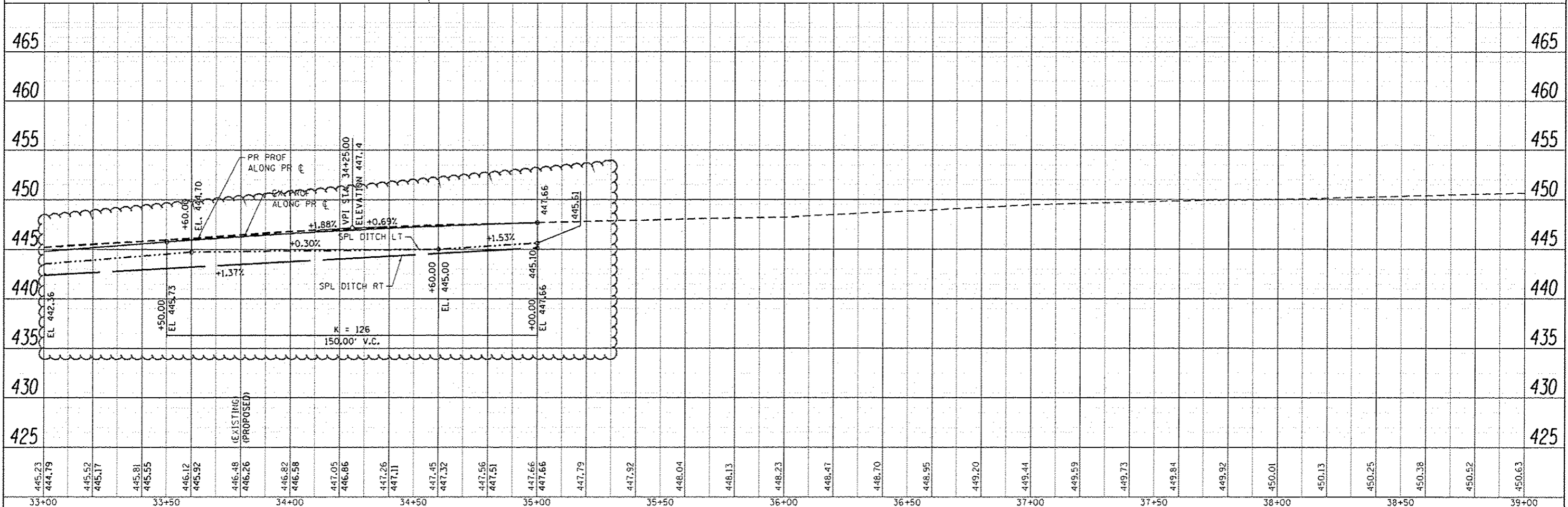
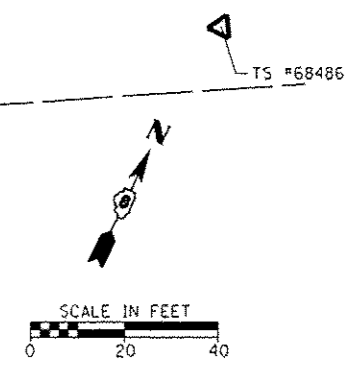
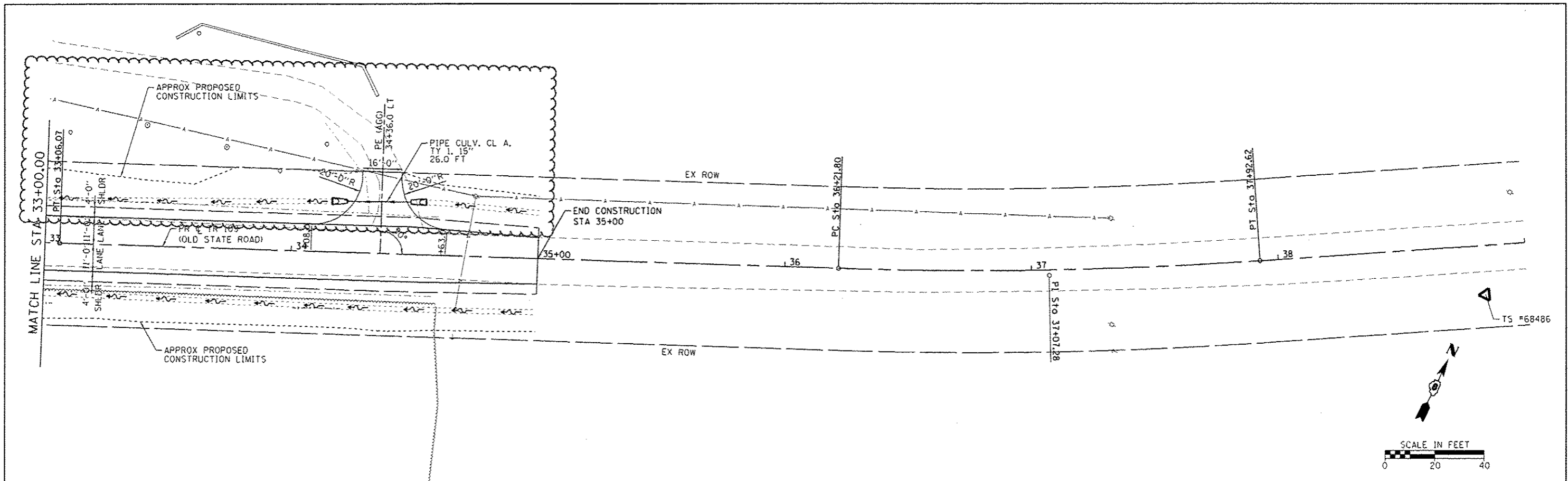
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 BY: _____
 CHECKED: _____
 DATE: _____
 FILE NAME: _____



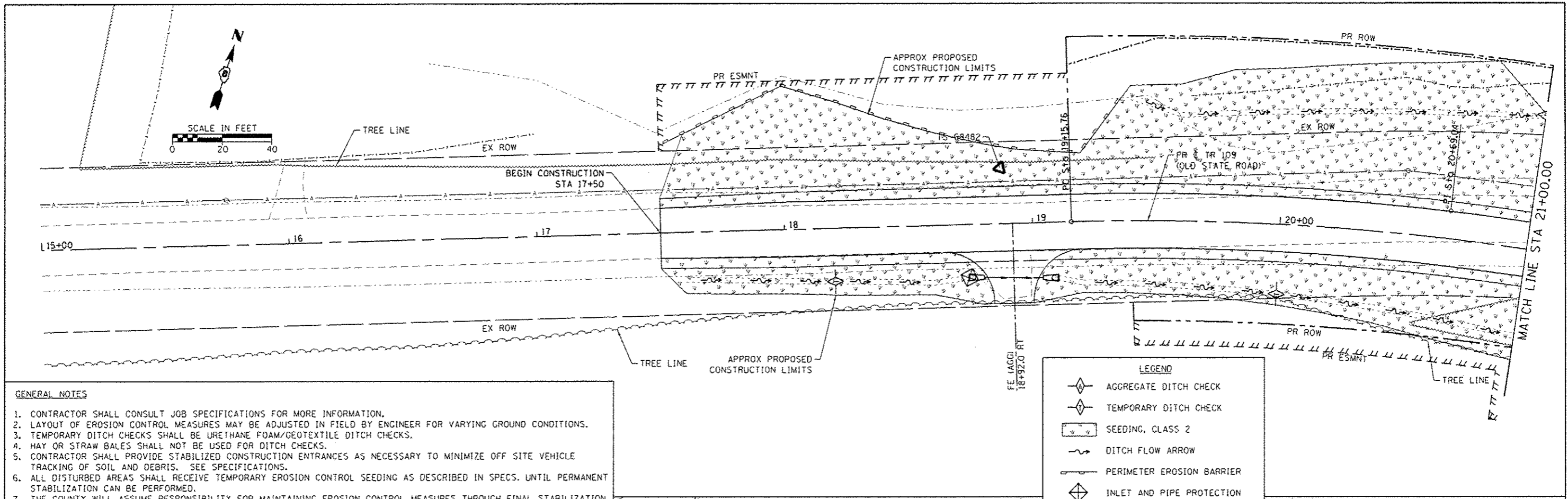
PRECAST BOX CULVERT SCHEDULE (ASTM C 1577)			
SIZE (SPAN x RISE)	SKEW	DESIGN FILL (FT)	POROUS GRANULAR BACKFILL REQUIRED
12.0' (SPAN) x 8.0' (RISE)	< 30°	< 2.0 FT	YES

PLAN	SUBMITTED	DATE
	APPROVED	
	ALIGNED	
	CHECKED	
	BY	
	DATE	

PROFILE	SUBMITTED	DATE
	APPROVED	
	ALIGNED	
	CHECKED	
	BY	
	DATE	

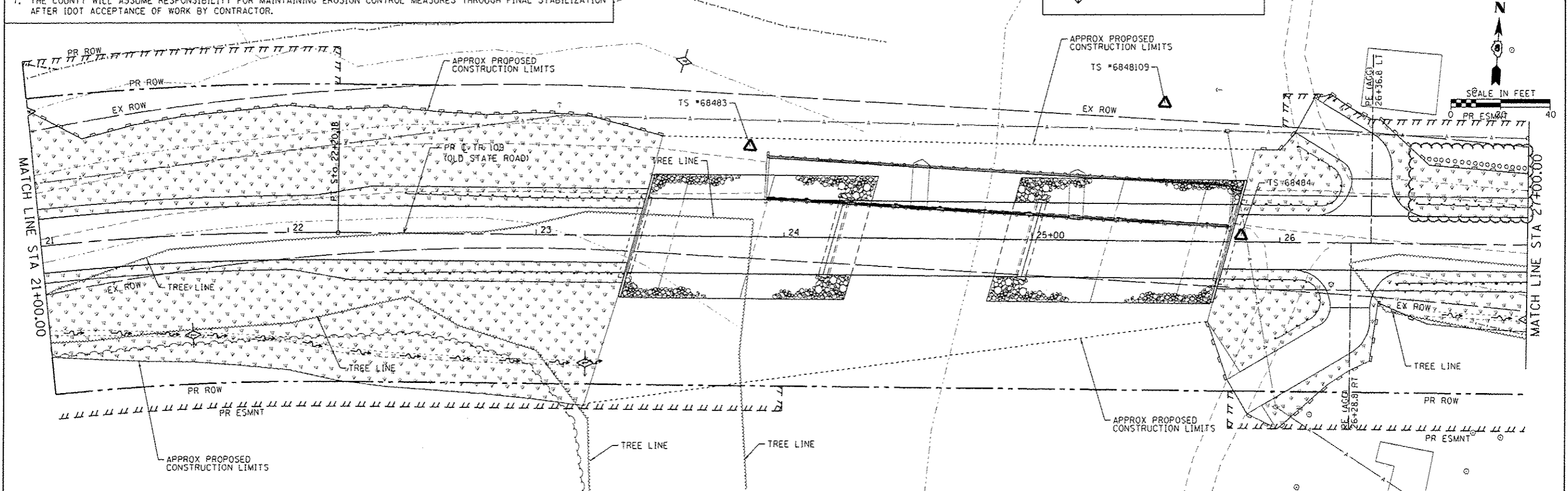


FILE NAME =	USER NAME =	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE PROPOSED IMPROVEMENTS	TR	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
HA6948 CC Old State Rd Bridge/CADD Sheet	168948-SHT-PLNPRF_4.dwg	DRAWN -	REVISED -			109	12-01114-00-BR	CLINTON	75	19	
Default	PLT SCALE = 28.28282 * 1/8"	CHECKED -	REVISED -			CONTRACT NO. 97647					
	PLT DATE = 3/9/2017	DATE -	REVISED -			ILLINOIS FEB. AID PROJECT					

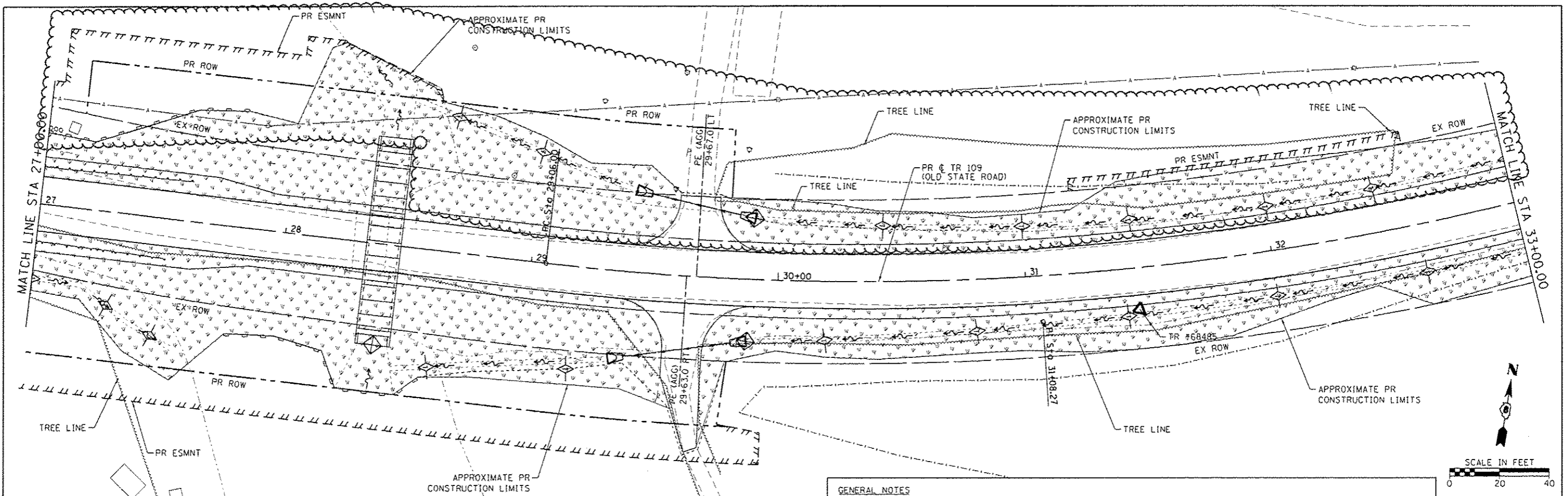


GENERAL NOTES

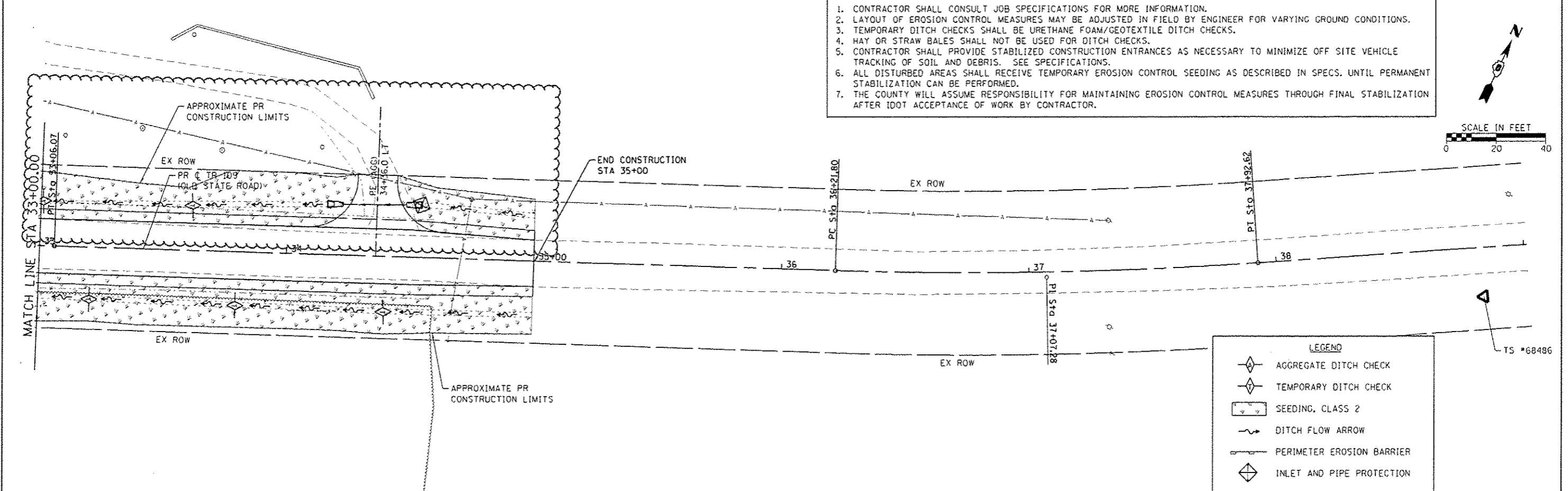
1. CONTRACTOR SHALL CONSULT JOB SPECIFICATIONS FOR MORE INFORMATION.
2. LAYOUT OF EROSION CONTROL MEASURES MAY BE ADJUSTED IN FIELD BY ENGINEER FOR VARYING GROUND CONDITIONS.
3. TEMPORARY DITCH CHECKS SHALL BE URETHANE FOAM/GEOTEXTILE DITCH CHECKS.
4. HAY OR STRAW BALES SHALL NOT BE USED FOR DITCH CHECKS.
5. CONTRACTOR SHALL PROVIDE STABILIZED CONSTRUCTION ENTRANCES AS NECESSARY TO MINIMIZE OFF SITE VEHICLE TRACKING OF SOIL AND DEBRIS. SEE SPECIFICATIONS.
6. ALL DISTURBED AREAS SHALL RECEIVE TEMPORARY EROSION CONTROL SEEDING AS DESCRIBED IN SPECS. UNTIL PERMANENT STABILIZATION CAN BE PERFORMED.
7. THE COUNTY WILL ASSUME RESPONSIBILITY FOR MAINTAINING EROSION CONTROL MEASURES THROUGH FINAL STABILIZATION AFTER IDOT ACCEPTANCE OF WORK BY CONTRACTOR.



FILE NAME =	USER NAME = kechlar_john	DESIGNED -	REVISED - 05/09/17 (ROW NEG5)	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION CONTROL PLAN	TR	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
H:\16848 CC Old State Rd B-jdgo\CRDD Sh	ts16848-SHT-EROS.Lldgn	DRAWN -	REVISED -			109	12-01114-00-BR	CLINTON	75	20	
Default	PLOT SCALE = 28.0000' / 1"	CHECKED -	REVISED -			CONTRACT NO. 97647					
	PLOT DATE = 5/9/2017	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					



- GENERAL NOTES**
1. CONTRACTOR SHALL CONSULT JOB SPECIFICATIONS FOR MORE INFORMATION.
 2. LAYOUT OF EROSION CONTROL MEASURES MAY BE ADJUSTED IN FIELD BY ENGINEER FOR VARYING GROUND CONDITIONS.
 3. TEMPORARY DITCH CHECKS SHALL BE URETHANE FOAM/GEOTEXTILE DITCH CHECKS.
 4. HAY OR STRAW BALES SHALL NOT BE USED FOR DITCH CHECKS.
 5. CONTRACTOR SHALL PROVIDE STABILIZED CONSTRUCTION ENTRANCES AS NECESSARY TO MINIMIZE OFF SITE VEHICLE TRACKING OF SOIL AND DEBRIS. SEE SPECIFICATIONS.
 6. ALL DISTURBED AREAS SHALL RECEIVE TEMPORARY EROSION CONTROL SEEDING AS DESCRIBED IN SPECS. UNTIL PERMANENT STABILIZATION CAN BE PERFORMED.
 7. THE COUNTY WILL ASSUME RESPONSIBILITY FOR MAINTAINING EROSION CONTROL MEASURES THROUGH FINAL STABILIZATION AFTER IDOT ACCEPTANCE OF WORK BY CONTRACTOR.



LEGEND

	AGGREGATE DITCH CHECK
	TEMPORARY DITCH CHECK
	SEEDING, CLASS 2
	DITCH FLOW ARROW
	PERIMETER EROSION BARRIER
	INLET AND PIPE PROTECTION

FILE NAME =	USER NAME = kechvian.john	DESIGNED -	REVISED - 05/09/17 (ROW NEGS)
HN6848 CC Old State Rd Bridge\CA00 Sheets\6848-SHT-EROS_2.dgn		DRAWN -	REVISED -
Default	PLOT SCALE = 28.2028' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/9/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

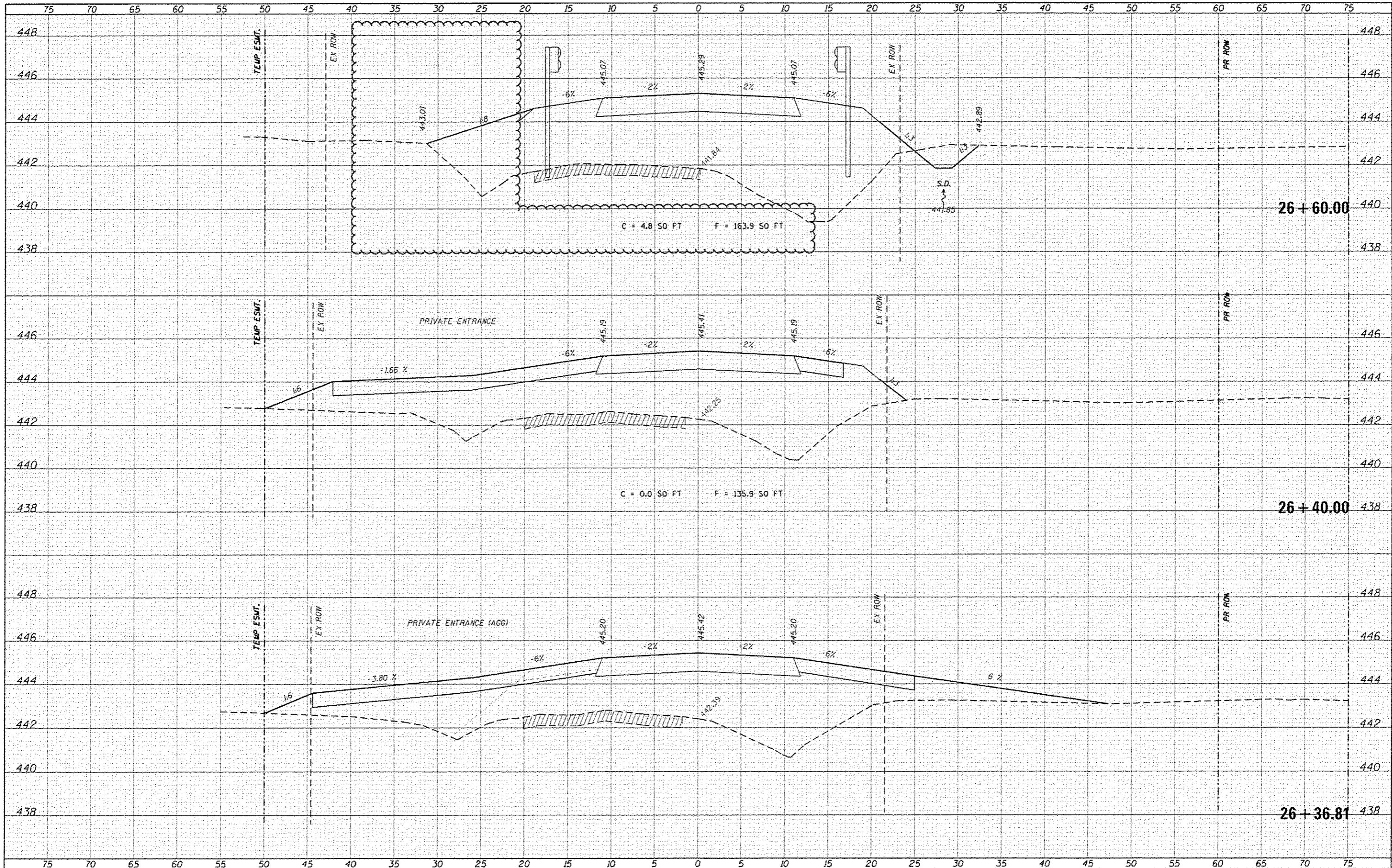
EROSION CONTROL PLAN

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

TR	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
109	12-01114-00-BR	CLINTON	75	21
CONTRACT NO. 97647				
ILLINOIS FED. AID PROJECT				

BY	DATE
DESIGNED	
DRAWN	
CHECKED	
DATE	

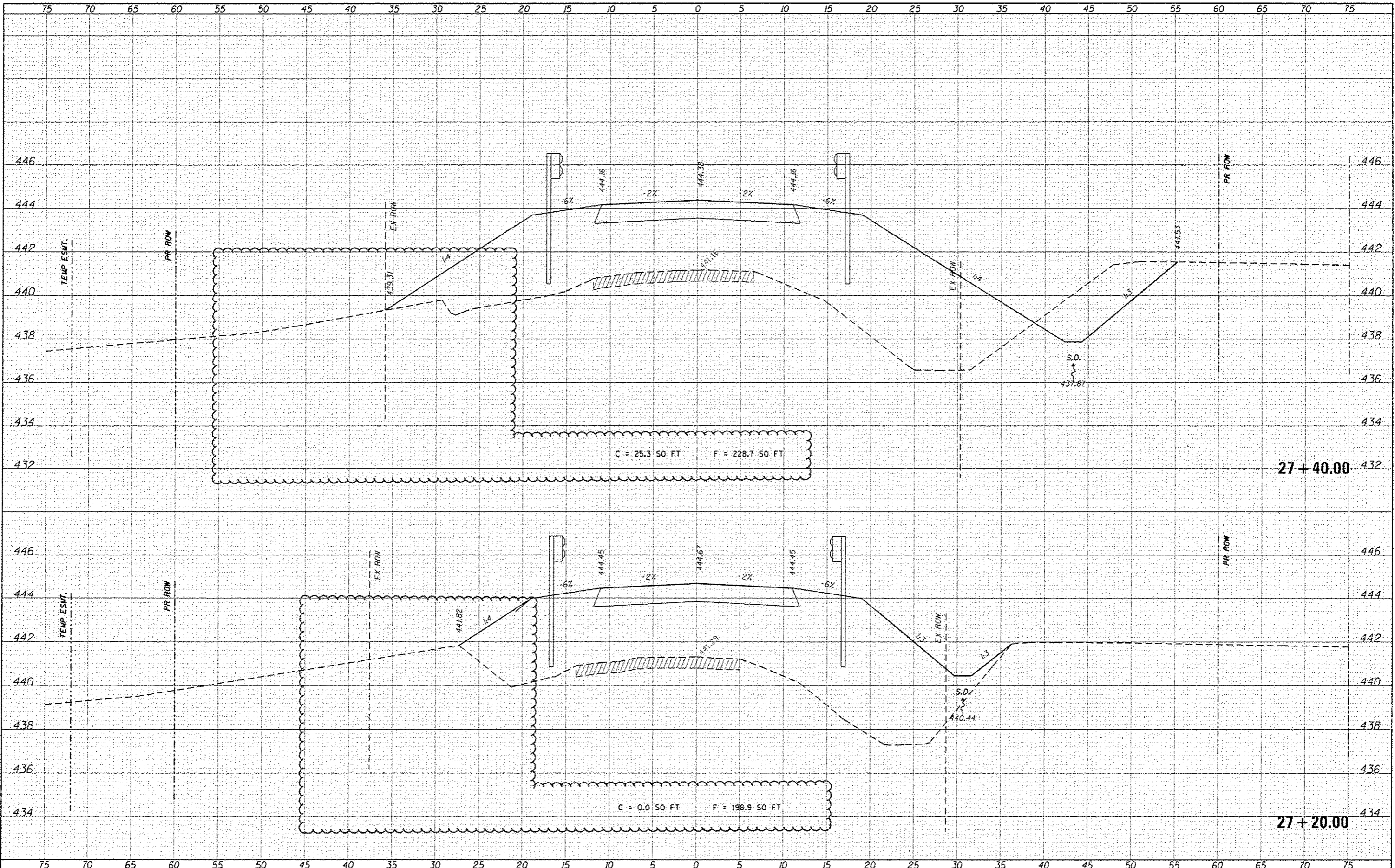
BY	DATE
DESIGNED	
DRAWN	
CHECKED	
DATE	



FILE NAME =	USER NAME = hachisarjohn	DESIGNED -	REVISED - 05/09/17 (ROW NEG)	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS-SECTIONS SCALE: SHEET OF SHEETS STA. 26+36.81 TO STA. 26+60.00	TR	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
H:\6848 CC Old State Rd Bridge\CADD Sheets\6848-SHT-XSSHEET.dgn	PLOT SCALE = 5:3000 1/4" = 1'	DRAWN -	REVISED -			109	12-01114-00-BR	CLINTON	75	53	
Default	PLOT DATE = 5/9/2017	CHECKED -	REVISED -			CONTRACT NO. 97647					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

DATE	
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DATE	
REVISIONS	
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DESCRIPTION	

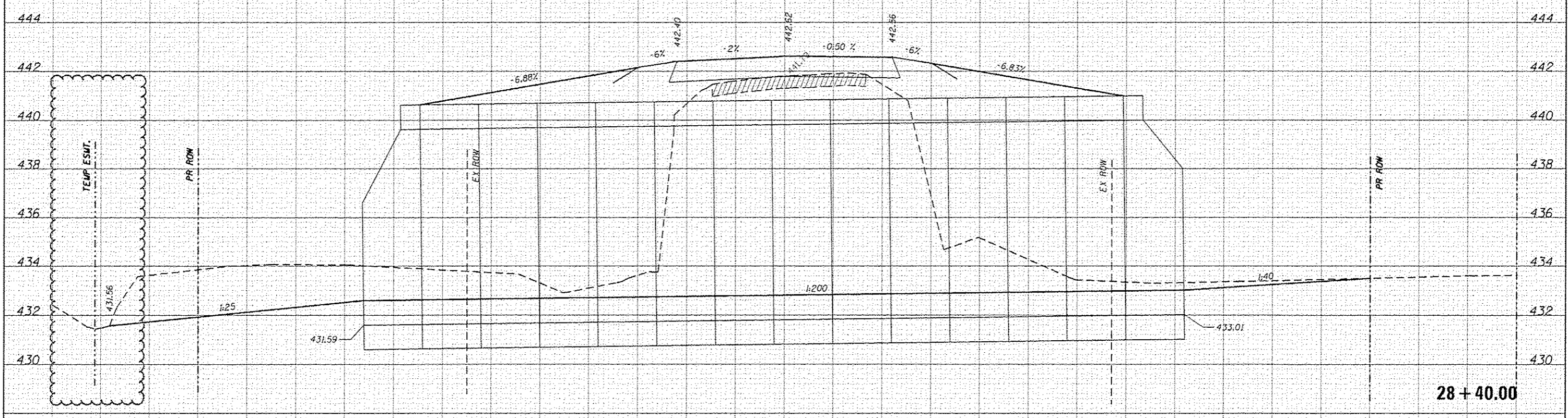
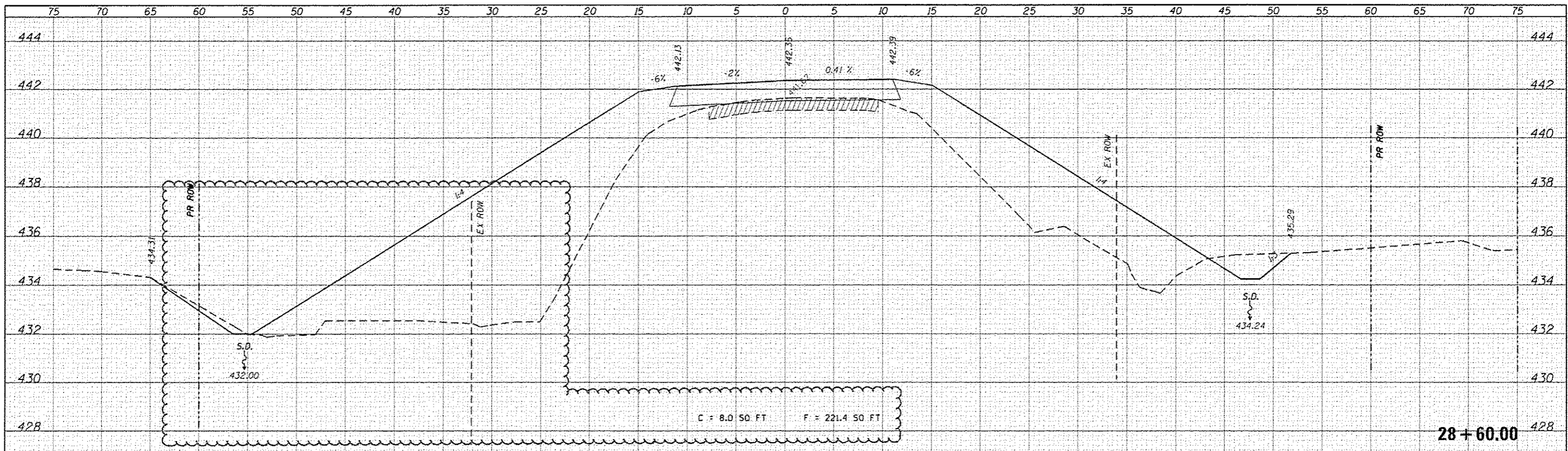
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DRAWN	
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DATE	
REVISIONS	
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DESCRIPTION	
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DESCRIPTION	



FILE NAME	USER NAME	DESIGNED	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		CROSS-SECTIONS		TR	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
H:\8848 CC Old State Rd Bridge\0ADD Sheets\158-SHT-XSSHEET.dgn	kechlerjohn	-	05/09/17 (ROW NEG)					109	12-01114-00-BR	CLINTON	75	55
Default										CONTRACT NO. 97647		
						SCALE:		SHEET OF SHEETS: STA. 27+20.00 TO STA. 27+40.00		ILLINOIS FED. AID PROJECT		

FILE NAME	DATE
SURVEY	BY
PLOTTED	
ROUTE BOOK	
AREAS CHECKED	

ORIGINAL SURVEY	DATE
SURVEY	BY
PLOTTED	
ROUTE BOOK	
AREAS CHECKED	



FILE NAME =
 H:\6848 CC Old State Rd Bridge\CAD00 Sheets\168-8-SHT-XSSHEET.dgn

USER NAME = hscholarjohn
 DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED - 05/09/17 (ROW NECS)
 REVISED -
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

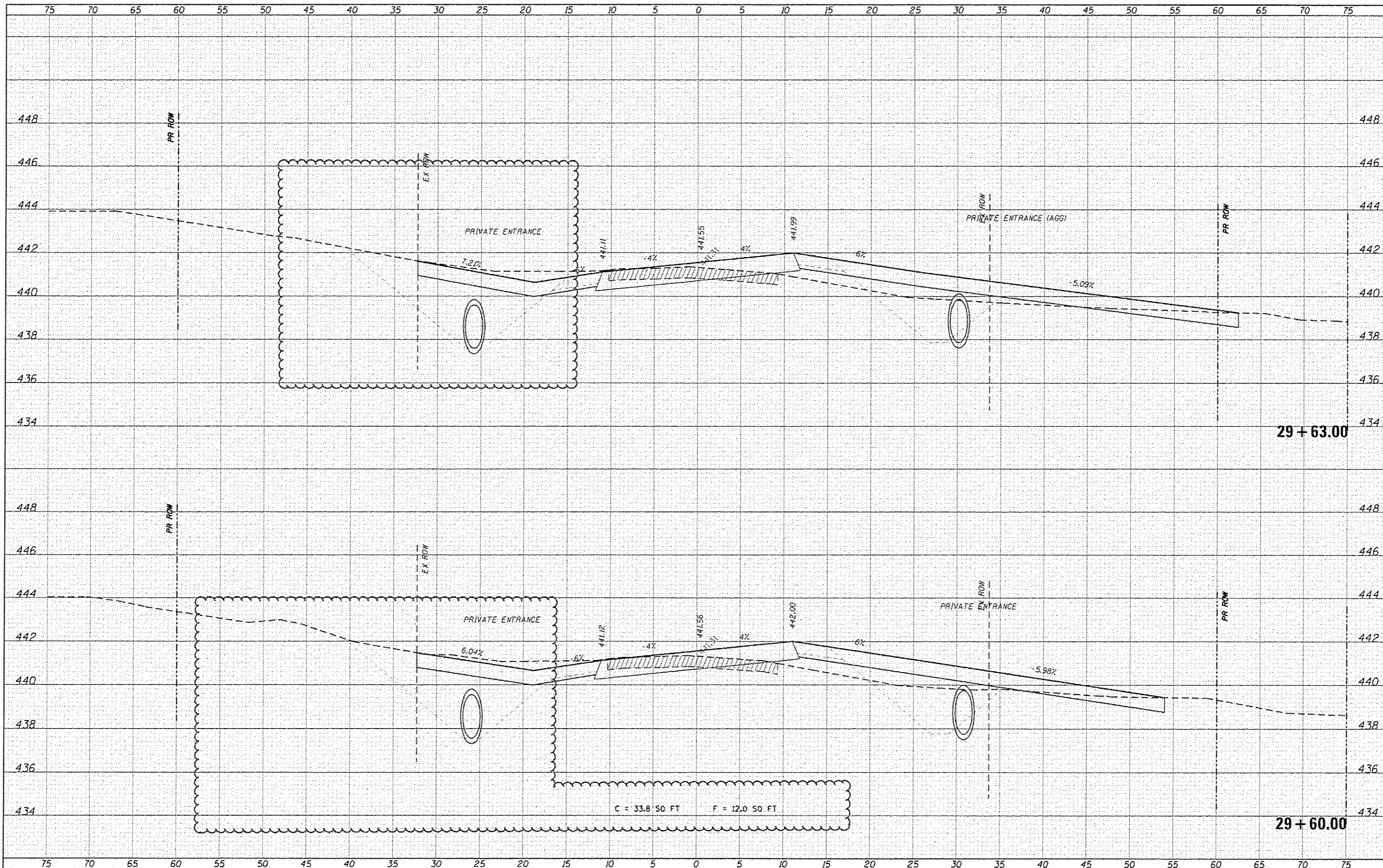
CROSS-SECTIONS

SCALE: SHEET OF SHEETS STA. 28+40.00 TO STA. 28+60.00

TR	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
109	12-01114-00-BR	CLINTON	75	58
			CONTRACT NO. 97647	
ILLINOIS FED. AID PROJECT				

DATE	
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FILE NAME =
 H:\8848 CC 01a State Rd Bridge\CADD Sheets\8848-SHT-XSSHEET.dgn
 USER NAME = kechwarjohn
 PLOT SCALE = 3.0000' / 1" = 3000
 PLOT DATE = 5/9/2017

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED - 05/09/17 (ROW NEG5)
 REVISED -
 REVISED -
 REVISED -

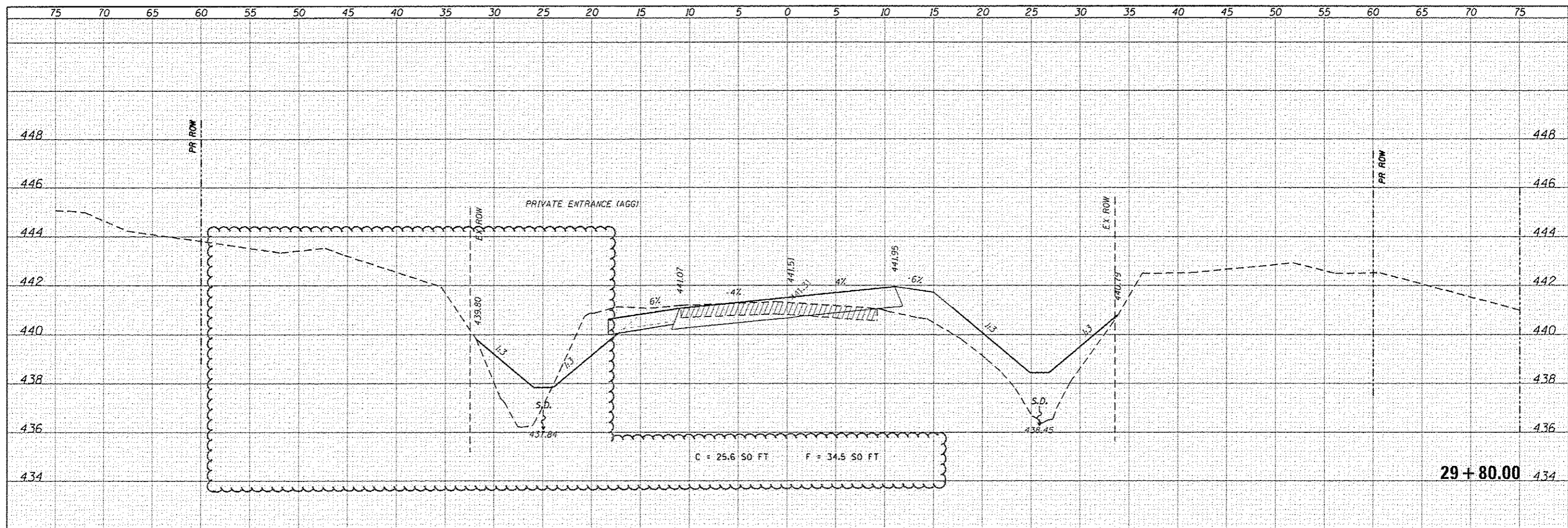
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS-SECTIONS
 SCALE: SHEET OF SHEETS STA. 29+60.00 TO STA. 29+63.00

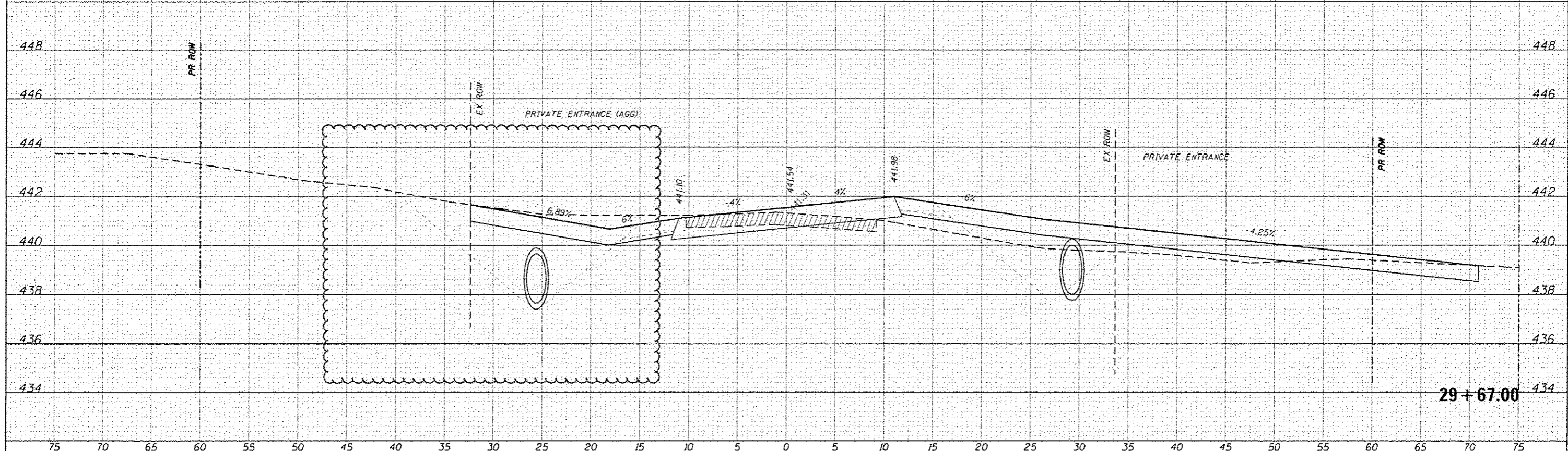
TR	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
109	12-01114-00-BR	CLINTON	75	61

CONTRACT NO. 97647
 ILLINOIS FED. AID PROJECT

DATE	
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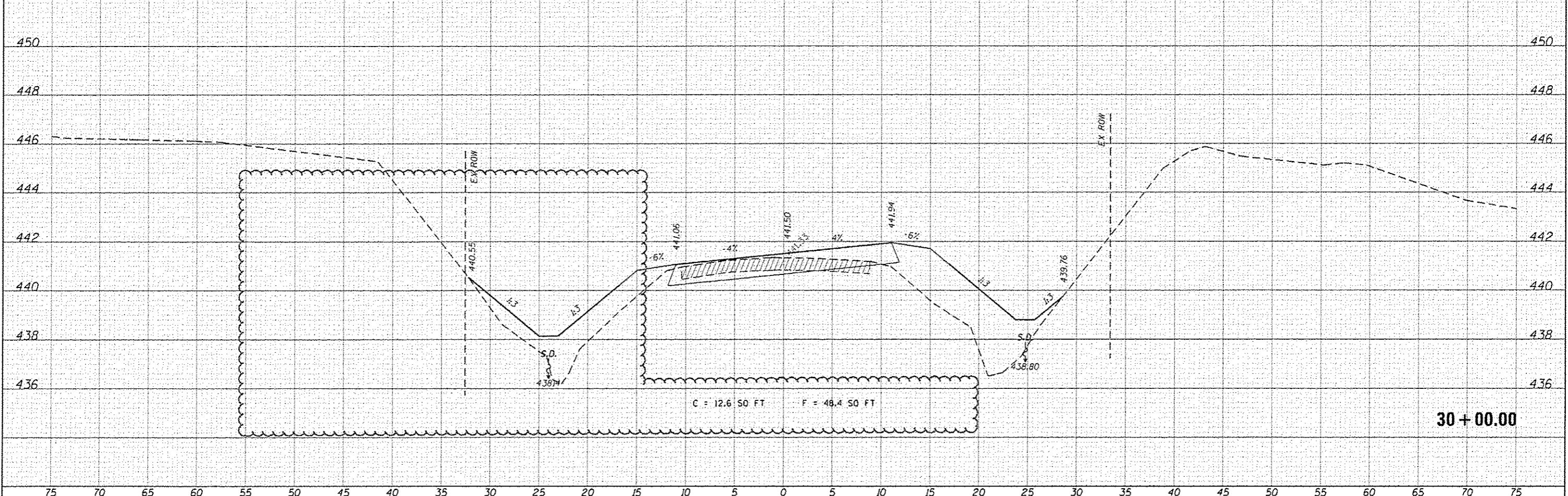
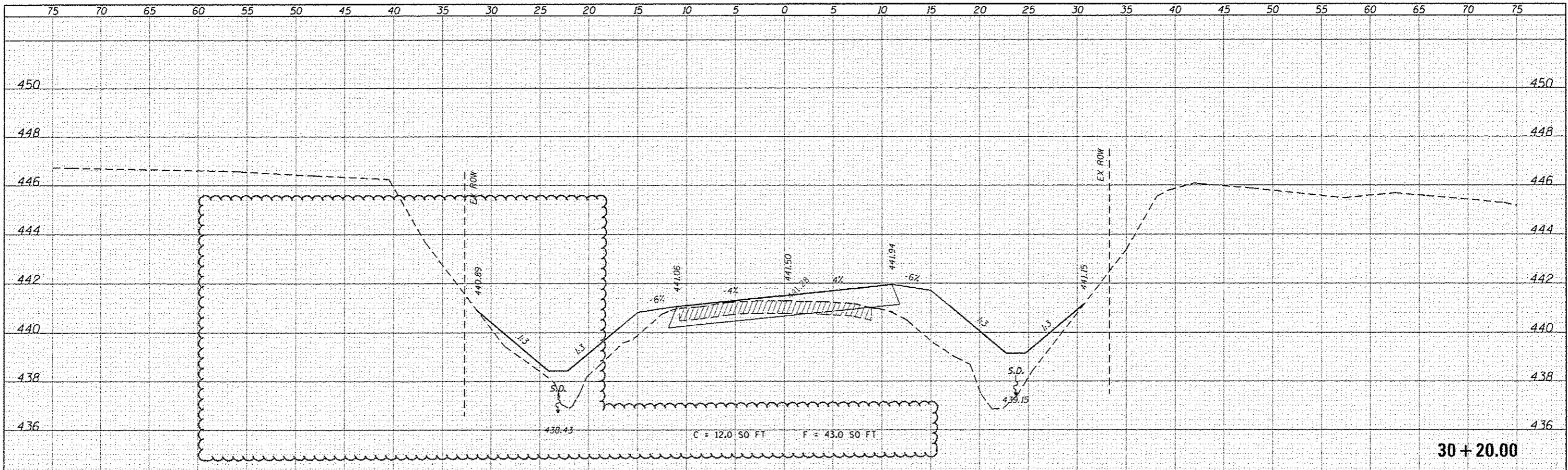
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DESIGNED	
DRAWN	
CHECKED	
DATE	



FILE NAME =	USER NAME = kochster.john	DESIGNED -	REVISED - 05/09/17 (ROW NEG5)	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS-SECTIONS	TR	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
416849 CC Old State Rd Bridge/CADD Sheets/169	9-SHT-KS3-BE1.dgn	DRAWN -	REVISED -			109	12-01114-00-BR	CLINTON	75	62
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	PLOT DATE = 5/9/2017	DATE -	REVISED -			SCALE: SHEET OF SHEETS: STA. 29+67.00 TO STA. 29+80.00				

DATE	
BY	
PROJECT	
SHEET	
NO.	
DATE	
BY	
PROJECT	
SHEET	
NO.	

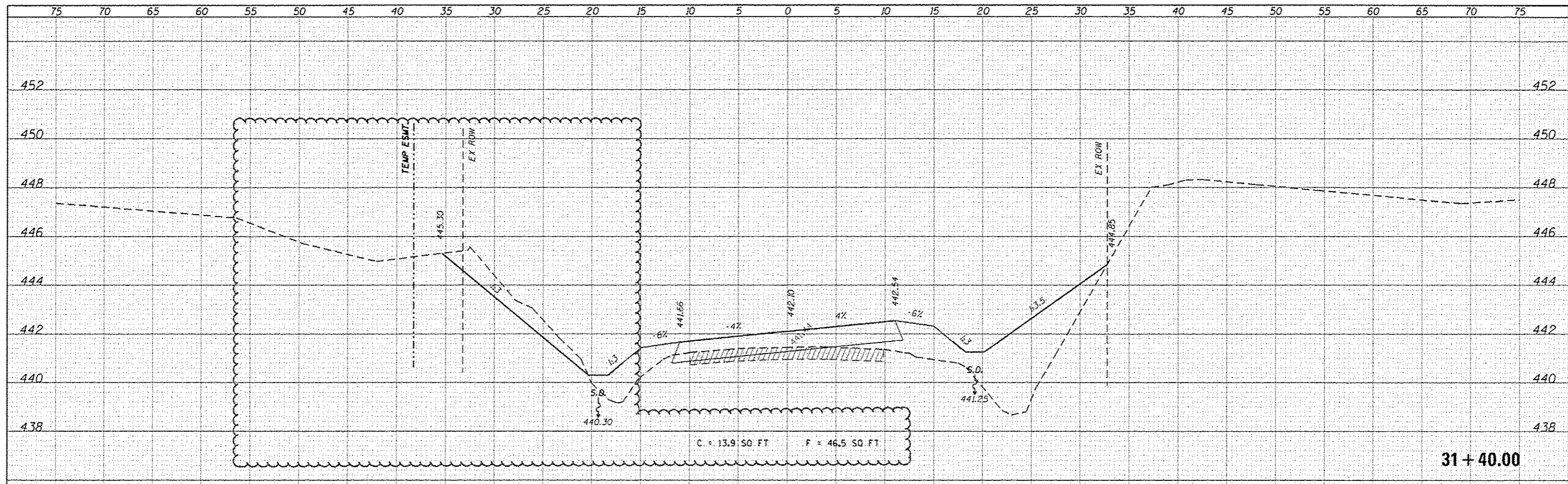
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PROJECT	
SHEET	
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DATE	
BY	
PROJECT	
SHEET	
NO.	



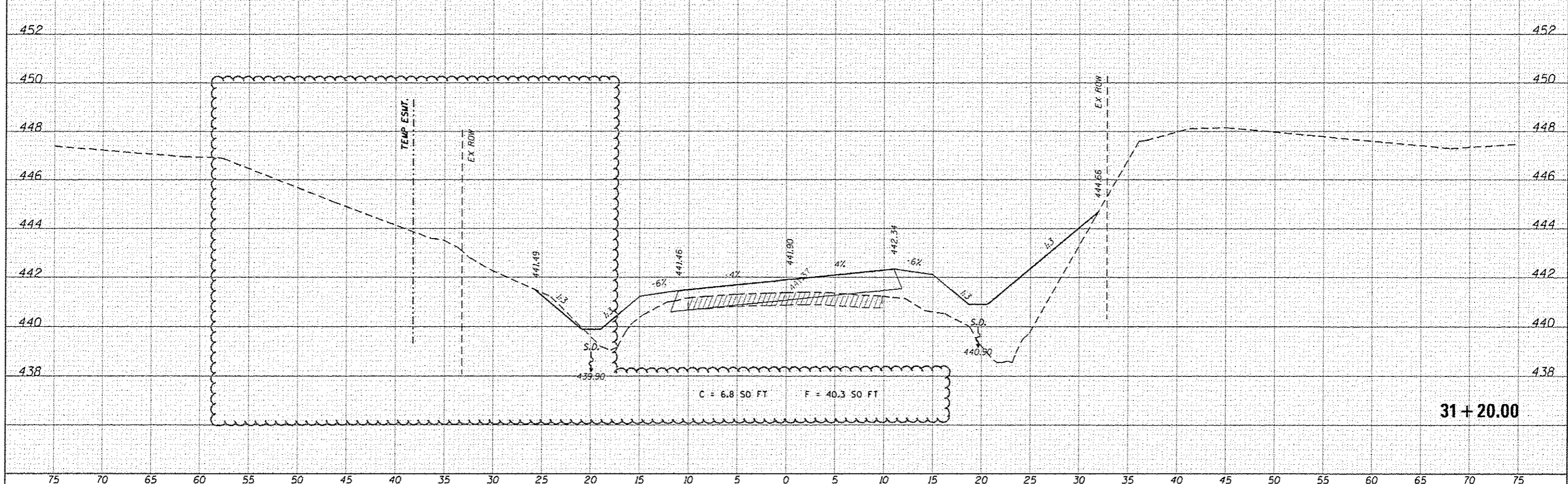
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Default	CHECKED -	REVISED -	CONTRACT NO. 97647							
	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							

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DATE	



31 + 40.00

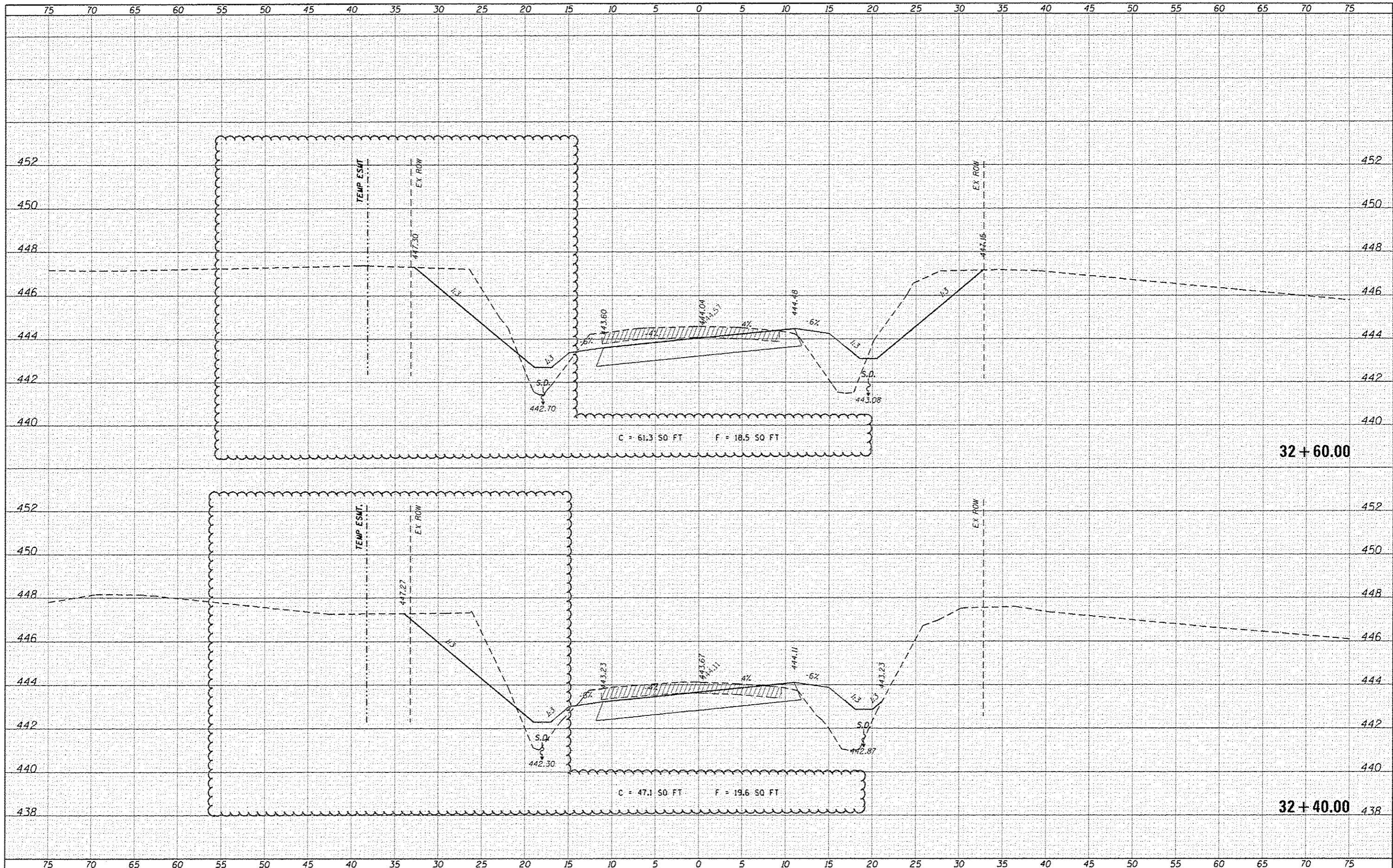


31 + 20.00

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Default	Plot Scale = 5/8" = 1'	DRAWN -	REVISED -					109	12-01114-00-BR	CLINTON	75	66
	Plot Date = 5/9/2017	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. 31+20.00 TO STA. 31+40.00			CONTRACT NO. 97647				
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

FILE NO.	
DATE	
BY	
DESIGNED	
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REVISIONS	
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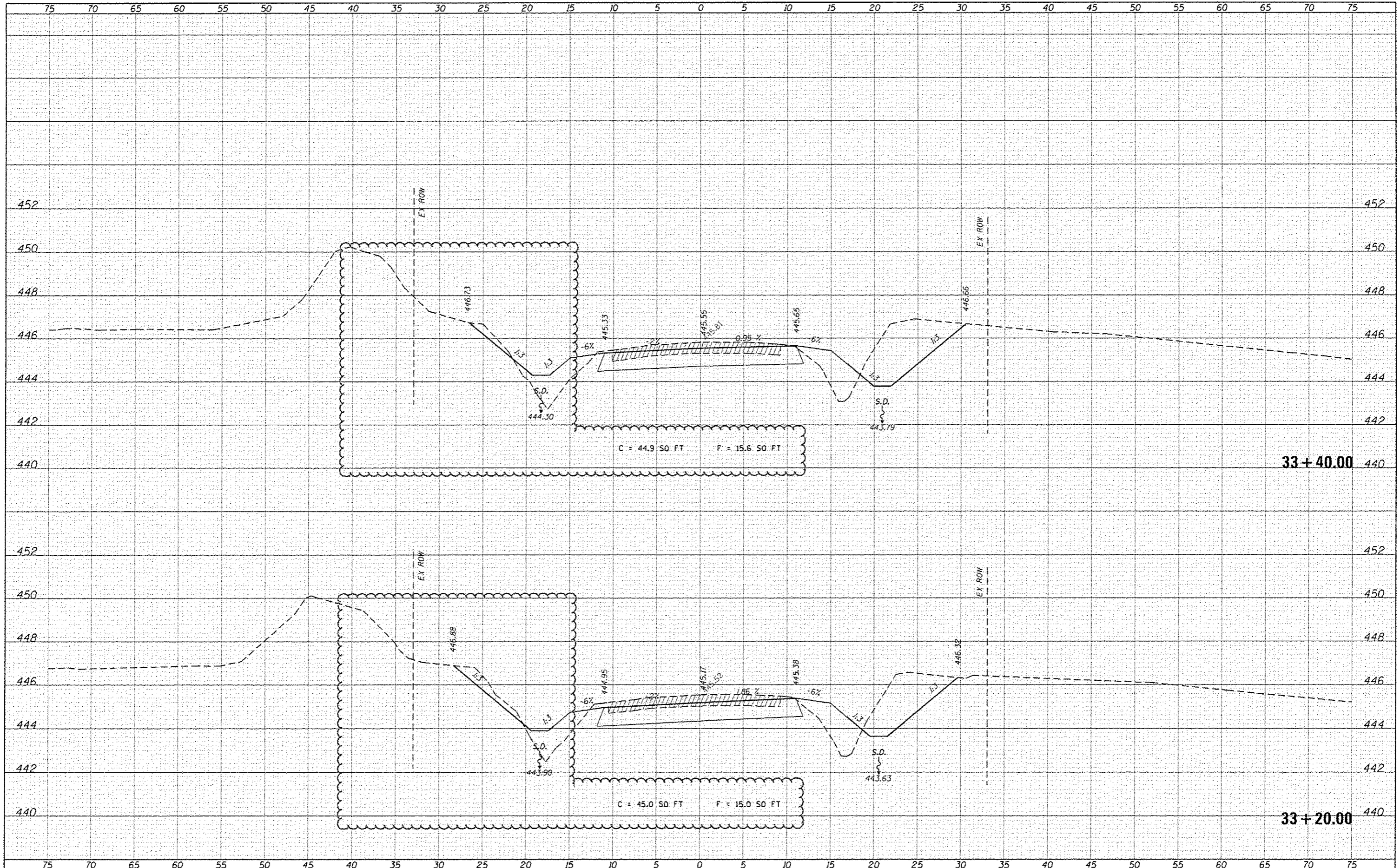
FILE NO.	
DATE	
BY	
DESIGNED	
DRAWN	
CHECKED	
DATE	
BY	
REVISIONS	
NO.	



FILE NAME =	USER NAME = hachisarjann	DESIGNED -	REVISED - 05/09/17 (ROW NECS)	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS-SECTIONS					
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Default	PLOT SCALE = 5.0000' / 1" =	CHECKED -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA. 32+40.00	TO STA. 32+60.00
	PLOT DATE = 5/9/2017	DATE -	REVISED -		TR SECTION COUNTY TOTAL SHEETS SHEET NO. 109 12-01114-00-BR CLINTON 75 69 CONTRACT NO. 97647 ILLINOIS FED. AID PROJECT					

DATE	
BY	
STARTED	
SURVEY	
NOTE BOOK	
AREA'S	
AREAS OBTAINED	

DATE	
BY	
STARTED	
SURVEY	
NOTE BOOK	
AREA'S	
AREAS OBTAINED	



FILE NAME = H:\0848 CC Old State Rd Bridge\CADD Sheets\0848-517-XSSHEET.dgn
 USER NAME = kschierjohn
 DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

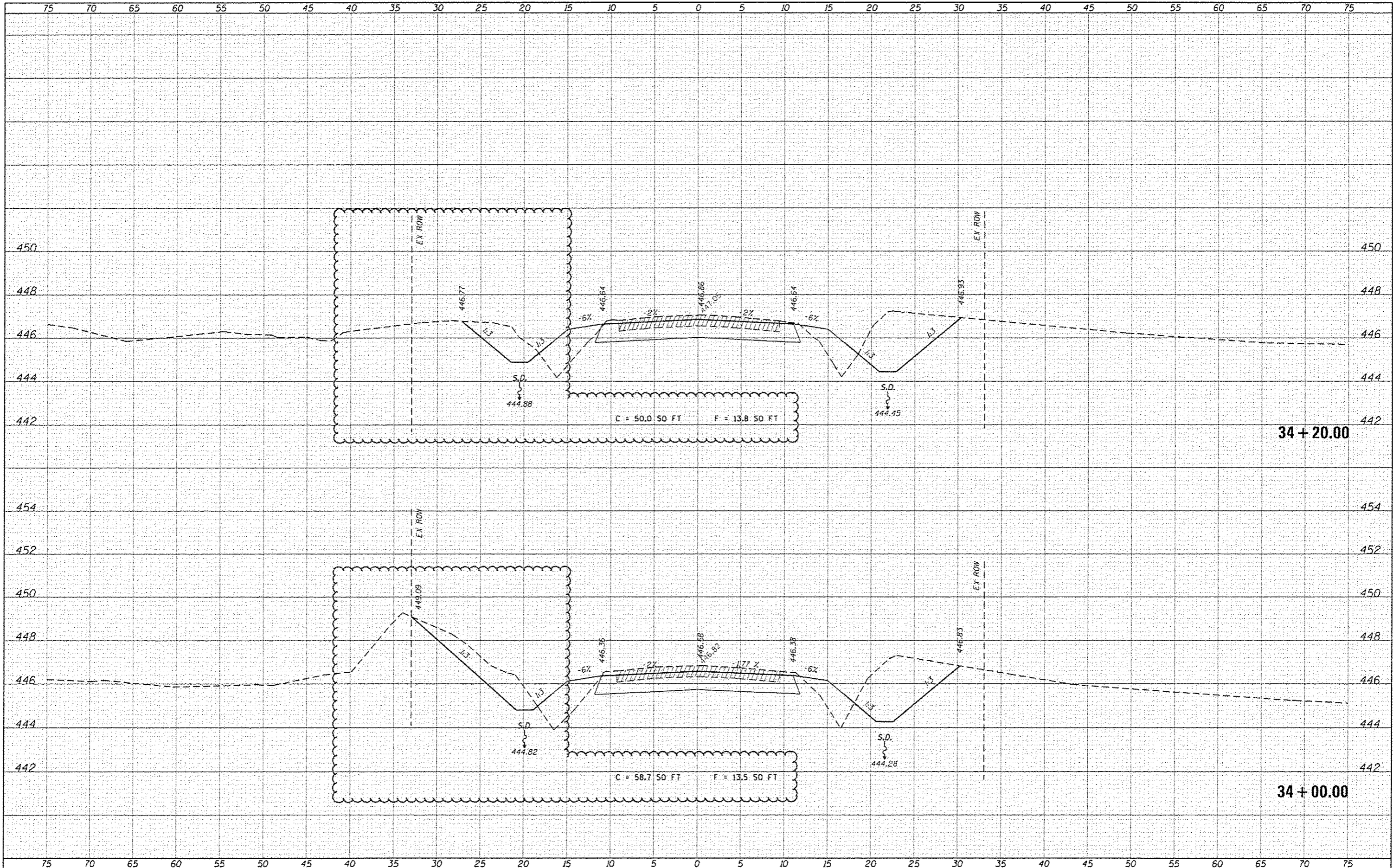
REVISED - 05/09/11 (ROW NEGS)
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 CROSS-SECTIONS
 SCALE: SHEET OF SHEETS STA. 33+20.00 TO STA. 33+40.00

TR	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
109	12-01114-00-BR	CLINTON	75	71
CONTRACT NO. 97647				
ILLINOIS FED. AID PROJECT				

FILE NO.	
DATE	
BY	
DESIGNED	
DRAWN	
CHECKED	
DATE	
REVISIONS	
NO.	

ORIGINAL	
DATE	
BY	
DESIGNED	
DRAWN	
CHECKED	
DATE	
REVISIONS	
NO.	



FILE NAME =	USER NAME = kschwiler_ahn	DESIGNED -	REVISED - 05/09/17 (ROW NECS)	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS-SECTIONS			TR	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
H:\16848 CC Old State Rd Bridge\CAAD Sheets\16848-SHT-XSSHEET.dgn	8-SHT-XSSHEET.dgn	DRAWN -	REVISED -		109	12-01114-00-BR	CLINTON	75	73	CONTRACT NO. 97647		
Default		CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. 34+00.00 TO STA. 34+20.00			(ILLINOIS) FED. AID PROJECT				
		DATE -	REVISED -									

