

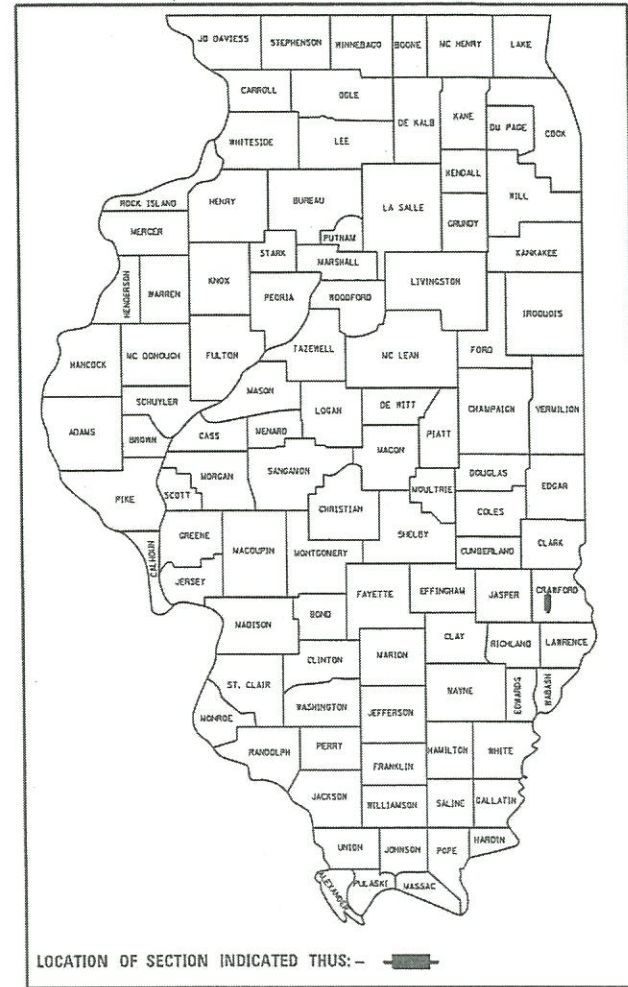
06-12-2020 LETTING ITEM 211

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	14-05119-00-BR	CRAWFORD	48	1
		ILLINOIS	CONTRACT NO. 95875	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

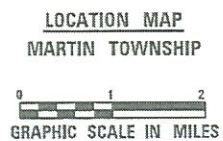
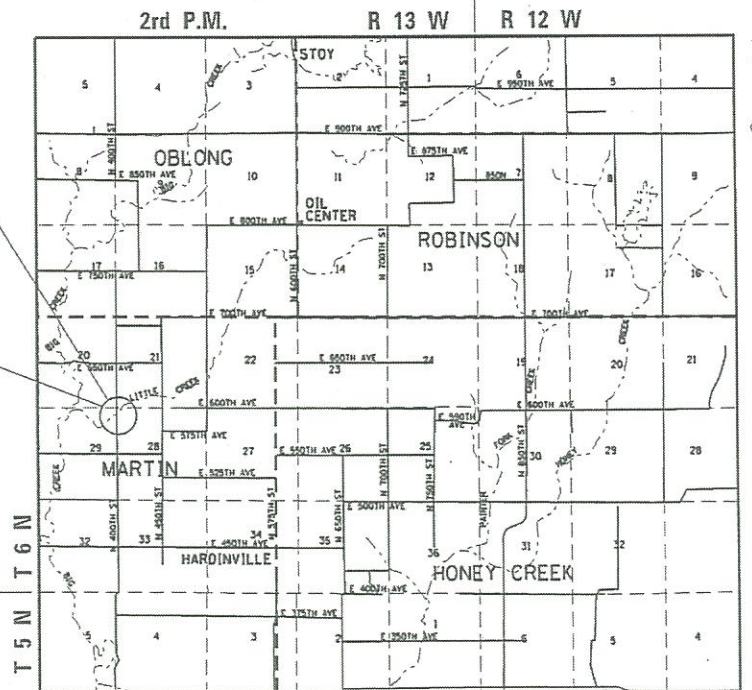
PROPOSED HIGHWAY PLANS

SURFACE TRANSPORTATION PROGRAM OFF SYSTEM BRIDGE MARTIN TOWNSHIP TR 68 (NORTH 400TH STREET) OVER LITTLE CREEK SECTION 14-05119-00-BR PROJECT MX02(815) CRAWFORD COUNTY C-97-051-18



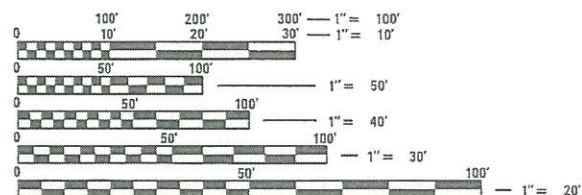
SECTION 14-05119-00-BR INCLUDES REMOVAL OF THE EXISTING 36'-0" SINGLE SPAN STRUCTURE AND REPLACE WITH A 74'-10 3/8" BK. TO BK. SINGLE SPAN PRECAST PRESTRESSED CONCRETE DECK BEAM STRUCTURE ON REINFORCED CONCRETE ABUTMENTS
STA 118+42.12
SN 017-3524

PROJECT LOCATION
SECTION BEGINS STA 113+85.00
SECTION ENDS STA 123+45.00



TOTAL LENGTH OF PROJECT = 960.00 FT = 0.182 MILE

FUNCTIONAL CLASSIFICATION: LOCAL ROAD
CURRENT ADT = 75 (2019)
DESIGN SPEED = 30 MPH



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

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

PROJECT ENGINEER - ELIZABETH S WITT, P.E.
PROJECT MANAGER - BRIAN R. MUELLER, P.E.

CONTRACT NO. 95875



SIGNED: *Brian R. Mueller*
DATE: 04-06-2020
LICENSE EXPIRES: 11-30-2021

CRAWFORD COUNTY	
APPROVED	4/6/2020 <i>Justin R. Child</i> TOWNSHIP HIGHWAY COMMISSIONER
APPROVED	4/6/2020 <i>Justin R. Child</i> CRAWFORD COUNTY ENGINEER
PASSED	4-13-20 <i>Shawn A. Phillips</i> DISTRICT 7 ENGINEER OF LOCAL ROADS & STREETS
RELEASING FOR BID BASED ON LIMITED REVIEW	4-13-20 <i>John P. Rogers</i> REGION 4 ENGINEER



1928 SrA BRADLEY R. SMITH DRIVE
TROY, ILLINOIS 62294
PHONE (618) 667-1400

GENERAL NOTES

1. ALL ELEVATIONS REFER TO NGVD 29 DATUM.
2. ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
3. ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO ALL UTILITIES BEFORE DIGGING. FIELD MARKING OF THE FACILITIES MAY ALSO BE OBTAINED BY CALLING J.U.L.I.E. AND FOR NON-J.U.L.I.E. MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:
 - FRONTIER COMMUNICATIONS
 - MARATHON - STOY
 - HARDINVILLE WATER
 - CONSOLIDATED COMMUNICATIONS (FAIRPOINT COMMUNICATIONS)
 - NORRIS ELECTRIC COOPERATIVE

(MEMBERS OF J.U.L.I.E. (800) 892-0123 ARE INDICATED BY *
NON-J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.)
4. THE CONTRACTOR SHALL CONFINE HIS OPERATIONS TO THE AREA LOCATED INSIDE THE CONSTRUCTION LIMITS SHOWN ON THE PLANS. ANY AREA DISTURBED BEYOND THESE LIMITS SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
5. ALL AREAS DISTURBED FOR ANY REASON SHALL BE SEEDED WITH CLASS 2 SEEDING (SPECIAL) OR CLASS 4B (SPECIAL) AS DIRECTED BY THE ENGINEER. NUTRIENTS SHALL CONFORM TO ARTICLE 250.04 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS. ANY SEEDING REQUIRED OUTSIDE THE CONSTRUCTION LIMITS OR RIGHT OF WAY FOR THIS CONTRACT SECTION WILL NOT BE PAID FOR SEPARATELY AND CONSIDERED AS A CONTRACTOR'S EXPENSE. SEE THE SEEDING SCHEDULE FOR QUANTITIES.
6. MULCH SHALL CONFORM TO SECTION 251 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS. MULCH, UNLESS OTHERWISE PERMITTED BY THE ENGINEER, SHALL CONFORM TO PROCEDURE 1 AS SPECIFIED IN ARTICLE 251.03 OF THE STANDARD SPECIFICATIONS.
7. ANY FACILITIES OR APPURTENANCES WHICH ARE THE PROPERTY OF ANY PUBLIC UTILITY LOCATED WITHIN THE LIMITS OF CONSTRUCTION SHALL BE RELOCATED OR ADJUSTED BY THEIR RESPECTIVE OWNERS. THE CONTRACTOR SHALL NOTIFY AND COOPERATE WITH THE OWNERS OF SUCH FACILITIES IN THEIR REMOVAL AND REARRANGEMENT OPERATIONS.
8. EXCEPT AS NOTED ON THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.
9. SEEDING SHALL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION. LOCATIONS TO BE SEEDED WILL BE DETERMINED BY THE ENGINEER.
10. TREE REMOVAL SHALL BE LIMITED TO APPROXIMATELY FIVE FEET BEYOND CONSTRUCTION LIMITS. THE FINAL QUANTITY WILL BE DETERMINED BY THE FINAL MEASUREMENTS AS CONSTRUCTED.
11. THE EXCAVATION AND BEDDING REQUIRED FOR RR 4 AND EXCAVATION FOR RR 5 RIPRAP AS DESCRIBED IN ARTICLE 281.04 OF THE STANDARD SPECIFICATIONS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE PAY ITEM STONE RIPRAP, CLASS A4 OR STONE DUMPED RIPRAP, CLASS A5.
12. CHANNEL EXCAVATION WILL BE MEASURED AND PAID FOR AS EARTH EXCAVATION.
13. TEMPORARY WETLANDS FROM STATION 113+85 TO 120+00 LT SHALL BE SEEDED WITH SEEDING, CLASS 4B (SPECIAL) AS SHOWN ON THE CROSS SECTIONS.

COMMITMENTS

- A. TREES THREE (3) INCHES OR GREATER IN DIAMETER AT BREAST HEIGHT SHALL NOT BE CLEARED BETWEEN APRIL 1 AND SEPTEMBER 30.
- B. THE BRIDGE BAT ASSESSMENT EXPIRES 11/08/2021. A VALID ASSESSMENT IS REQUIRED PRIOR TO PERFORMING ANY WORK BELOW THE EXISTING BRIDGE DECK SURFACE.
- C. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE NATIONWIDE PERMIT *14 INCLUDED IN THE SPECIAL PROVISIONS.
- D. TEMPORARY WETLAND IMPACT SEEDING SHALL BE AS STIPULATED IN THE WETLANDS CLEARANCE MEMO DATED 10/24/2019.

INDEX OF SHEETS

- 1 COVER SHEET
- 2 GENERAL NOTES, COMMITMENTS & HIGHWAY STANDARDS
- 3 SUMMARY OF QUANTITIES
- 4 TYPICAL SECTIONS
- 5 SCHEDULES OF QUANTITIES
- 6 ALIGNMENT, TIE POINTS & BENCHMARKS
- 7 ROAD CLOSURE DETAIL
- 8 - 11 PLAN & PROFILE SHEETS
- 12 - 14 EROSION AND SEDIMENT CONTROL PLAN
- 15 REMOVAL PLANS
- 16 RIPRAP AND GRADING DETAILS
- 17 ENTRANCE AND MAILBOX TURNOUT DETAILS
- 18 - 26 STRUCTURE PLANS
- 27 - 41 CROSS SECTIONS - TR 68
- 42 - 48 CROSS SECTIONS - CHANNEL

HIGHWAY STANDARDS

- 000001-07 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 280001-07 TEMPORARY EROSION CONTROL SYSTEMS
- 515001-04 NAME PLATE FOR BRIDGES
- 630001-12 STEEL PLATE BEAM GUARDRAIL
- 630301-09 SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
- 701001-02 OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
- 701006-05 OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
- 701011-04 OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
- 701901-08 TRAFFIC CONTROL DEVICES
- 720001-01 SIGN PANEL MOUNTING DETAILS
- 720006-04 SIGN PANEL ERECTION DETAILS
- 720011-01 METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
- 782006-01 GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
- BLR 21-9 TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS
- BLR 24-2 MAILBOX TURNOUT FOR LOCAL ROADS
- BLR 27-1 TRAFFIC BARRIER TERMINAL TYPE 5A

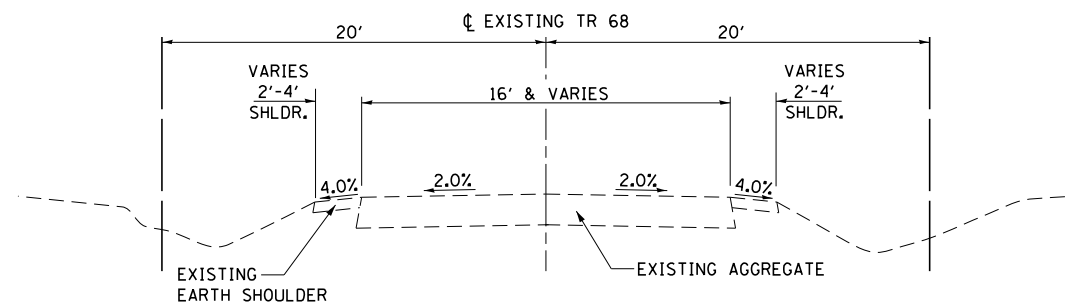
FILE NAME =	USER NAME = betsy	DESIGNED - ESW	REVISED -	MARTIN TOWNSHIP TR 68 OVER LITTLE CREEK	GENERAL NOTES, COMMITMENTS & HIGHWAY STANDARDS	*TR68		IRTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
S:\Projects\414-0029-0HY TR 68 Over Little Creek\ dgn\CADD Sheets\General Notes.dgn		DRAWN - LEC	REVISED -							14-05119-00-BR	CRAWFORD	48	2
Default		CHECKED - BRM	REVISED -			SCALE: NA	SHEET 1 OF 1 SHEETS	STA.	TO STA.	CONTRACT NO. 95875			
		DATE -	REVISED -							ILLINOIS FED. AID PROJECT MX02(815)			

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	156
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	306
20200100	EARTH EXCAVATION	CU YD	1935
20400800	FURNISHED EXCAVATION	CU YD	1565
25100630	EROSION CONTROL BLANKET	SQ YD	3362
28000200	EARTH EXCAVATION FOR EROSION CONTROL	CU YD	6
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	60
28000305	TEMPORARY DITCH CHECKS	FOOT	299
28000400	PERIMETER EROSION BARRIER	FOOT	737
28000500	INLET AND PIPE PROTECTION	EACH	3
28001000	AGGREGATE (EROSION CONTROL)	TON	3
28100107	STONE RIPRAP, CLASS A4	SQ YD	55
28100809	STONE DUMPED RIPRAP, CLASS A5	TON	856
28200200	FILTER FABRIC	SQ YD	55
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	1212
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	40
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1
50105220	PIPE CULVERT REMOVAL	FOOT	53
50200100	STRUCTURE EXCAVATION	CU YD	127
50300225	CONCRETE STRUCTURES	CU YD	31
50400505	PRECAST PRESTRESSED CONCRETE DECK BEAMS (27" DEPTH)	SQ FT	2028
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	4689
Δ 50900205	STEEL RAILING, TYPE S1	FOOT	145
51201610	FURNISHING STEEL PILES HP 12X63	FOOT	465

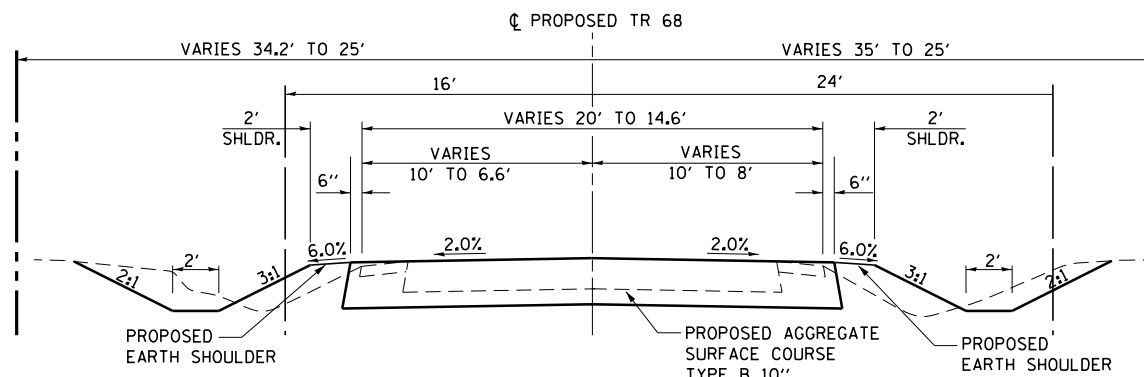
CODE NO.	ITEM	UNIT	TOTAL QUANTITY
51202305	DRIVING PILES	FOOT	465
51203610	TEST PILE STEEL HP 12X63	EACH	2
51500100	NAME PLATES	EACH	1
54200220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	54
Δ 63100075	TRAFFIC BARRIER TERMINAL, TYPE 5A	EACH	3
Δ 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	3
67100100	MOBILIZATION	L SUM	1
Δ 72000100	SIGN PANEL - TYPE 1	SQ FT	6
Δ 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	3
Δ 72900100	METAL POST - TYPE A	FOOT	25
X2501000	SEEDING, CLASS 2 (SPECIAL)	ACRE	0.5
X2502019	SEEDING, CLASS 4B (SPECIAL)	ACRE	0.5
X7011800	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	L SUM	1
Z0015500	DEBRIS REMOVAL	L SUM	1

Δ SPECIALTY ITEMS



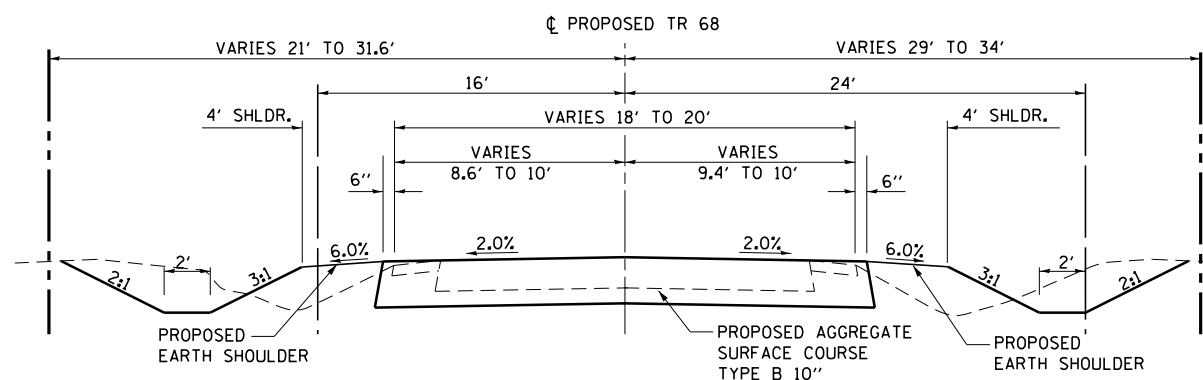
EXISTING ROADWAY TYPICAL SECTION

STA 113+85.00 TO STA 123+45.00



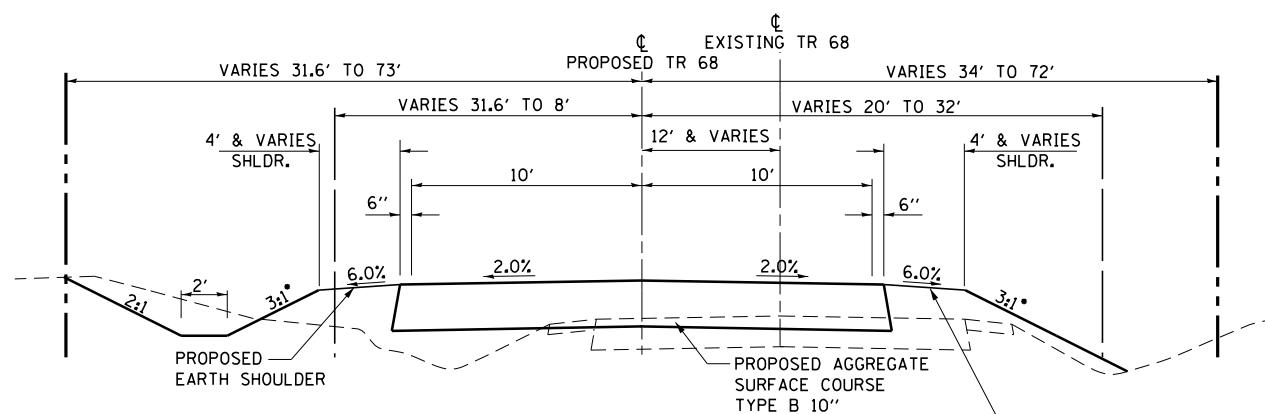
PROPOSED ROADWAY TYPICAL SECTION

STA 122+95.00 TO STA 123+45.00



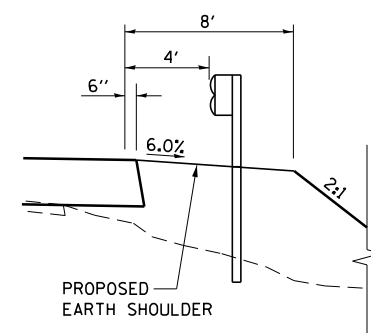
PROPOSED ROADWAY TYPICAL SECTION

STA 113+85.00 TO STA 114+35.00



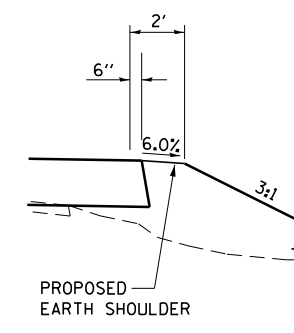
PROPOSED ROADWAY TYPICAL SECTION

STA 114+35.00 TO STA 122+95.00 •SEE CROSS SECTIONS
BRIDGE OMISSION: STA 118+04.69 TO STA 118+79.55



ALTERNATE SHOULDER (8')

STA 117+41.18 TO STA 119+65.00 RT
STA 118+68.53 TO STA 119+35.00 LT



ALTERNATE SHOULDER (2')

STA 120+92.08 TO STA 122+95.00 LT
STA 121+12.00 TO STA 122+95.00 RT

FILE NAME =	USER NAME = betsy	DESIGNED - ESW	REVISED -	CRAWFORD COUNTY TR 68 OVER LITTLE CREEK	TYPICAL SECTIONS	TR	SECTION	COUNTY	TOTAL	SHEET
S:\Projects\414-0029-0HY TR 68 Over Little Creek\ dgn\CADD Sheets\Typicals.dgn	DRAWN - PDB	REVISED -	•			14-05119-00-BR	CRAWFORD	48	4	
Default	PLOT SCALE = 100.0000' / in.	CHECKED - BRM	REVISED -			CONTRACT NO. 95875				
	PLOT DATE = 4/5/2020	DATE - 10-21-14	REVISED -			ILLINOIS FED. AID PROJECT MX02(B15)				
SCALE: NA SHEET 1 OF 1 SHEETS STA. TO STA.										

EARTHWORK SCHEDULE

LOCATION	EARTH EXCAVATION (CU YD)	SHRINKAGE ADJUSTMENT (CU YD)	EMBANKMENT (CU YD)	BALANCE (CU YD)	FURNISHED EXCAVATION (CU YD)	REMARKS
TR 68	1304	979	2970	-1991	1562	
CHANNEL	629	472	43	429	0	
SUBTOTAL	1933	1450	3013	-1562	1562	
PAY TOTAL	1935	1455	3015	-1565	1565	

SEEDING SCHEDULE

LOCATION	SEEDING, CLASS 2 (SPECIAL) (ACRE)	SEEDING, CLASS 4B (SPECIAL) (ACRE)	TEMPORARY EROSION CONTROL SEEDING (POUND)
ROADWAY			
TR 68	0.27	0.31	58
RIPRAP AREA			1
SUBTOTAL	0.27	0.31	59
PAY TOTAL	0.50	0.50	60

RIPRAP SCHEDULE

LOCATION	STONE RIPRAP, CLASS A4 (SQ YD)	STONE DUMPED RIPRAP, CLASS A5 (SQ YD)	FILTER FABRIC (SQ YD)
STATION TO STATION			
LOCATION			
SIDE			
STA 117+47 TO STA 117+74	54.7		54.7
STA 0+20 TO STA 0+78		289.0	
STA 1+24 TO STA 1+80		279.5	
SUBTOTAL	54.7	568.5	54.7
TOTAL	55	569*	55

* NOT A TOTAL QUANTITY

PAVING SCHEDULE

LOCATION	AGGREGATE SURFACE COURSE, TYPE B (TON)
STATION TO STATION	
LOCATION	
SIDE	
STA 113+85.00 TO STA 114+35.00	64.8
STA 114+35.00 TO STA 118+04.69	479.2
STA 118+79.55 TO STA 122+95.00	538.5
STA 122+95.00 TO STA 123+45.00	59.5
SUBTOTAL	1142.0
PAY TOTAL	1142*

* NOT A TOTAL QUANTITY

ENTRANCE SCHEDULE

LOCATION	AGGREGATE SURFACE COURSE, TYPE B (TON)	AGGREGATE FOR TEMPORARY ACCESS (TON)	PIPE CULVERTS, CLASS D, TYPE 1 15" (FT)
STATION			
LOCATION			
SIDE			
TYPE			
STA 117+30.00	29.3		
STA 120+08.75	24.6		26
STA 120+59.00	15.3	39	28
SUBTOTAL	69.2	39	54
TOTAL	70*	40	54

* NOT A TOTAL QUANTITY

REMOVAL SCHEDULE

LOCATION	PIPE CULVERT REMOVAL (FT)	DEBRIS REMOVAL (L SUM)
STATION		
LOCATION		
SIDE		
STA 118+37		1
STA 120+09	26	
STA 120+60	27	
TOTAL	53	1

TREE REMOVAL SCHEDULE

LOCATION	TREE REMOVAL (6 TO 15 UNITS DIAMETER) (UNIT)	TREE REMOVAL (OVER 15 UNITS DIAMETER) (UNIT)
STATION		
OFFSET		
LOCATION		
SIDE		
117+69	8	
118+02	6	
118+03	12	
118+06	6	
118+08	12	
118+09	12	
118+16	6	
118+30	6	
118+30		22
118+32		26
118+40	12	
118+41		30
118+41	8	
118+46		26
118+54		18
118+61	6	
118+66		60
118+77		60
118+81		18
118+86	6	
118+92	12	
119+03	14	
119+13		22
119+21	8	
119+33		24
119+42	10	
120+48	12	
SUBTOTAL	156	306

EROSION CONTROL BLANKET SCHEDULE

LOCATION	EROSION CONTROL BLANKET (SQ YD)
STATION TO STATION	
SIDE	
ROADWAY	
113+85 TO 117+95	824.7
113+85 TO 117+50	317.2
113+85 TO 117+20	414.5
113+85 TO 117+20	126.5
117+40 TO 118+26	87.9
118+42 TO 120+00	30.1
118+53 TO 119+59	121.2
118+91 TO 119+89	70.6
119+59 TO 120+00	57.4
119+89 TO 123+45	328.7
120+20 TO 120+49	33.5
120+20 TO 120+49	5.8
120+69 TO 123+45	198.6
120+69 TO 123+45	394.4
121+50 TO 123+45	175.3
0+00 TO 0+20	15.9
0+00 TO 0+20	52.3
1+80 TO 2+20	50.4
1+80 TO 2+20	57.0
SUBTOTAL	3362.0
PAY TOTAL	3362

EROSION CONTROL SCHEDULE

LOCATION	EARTH EXCAVATION FOR EROSION CONTROL (CU YD)	TEMPORARY DITCH CHECK (FOOT)	PERIMETER EROSION BARRIER (FOOT)	INLET AND PIPE PROTECTION (EACH)	AGGREGATE (EROSION CONTROL) (TON)
STATION TO STATION					
SIDE					
STA 113+85 TO STA 117+95		39			
STA 113+85 TO STA 117+20		39			
STA 113+85 TO STA 114+55			70.1		
STA 114+58				1	
STA 117+45 TO STA 119+30			194.8		
STA 117+70 TO STA 117+77			19.3		
STA 117+80	5.9				2.5
STA 118+10 TO STA 119+96			208.5		
STA 118+75 TO STA 123+45		143			
STA 119+25 TO STA 121+50			223.7		
STA 120+25 TO STA 120+45			20.3		
STA 120+25				1	
STA 120+76				1	
STA 122+00 TO STA 123+45		78			
SUBTOTAL	5.9	299	736.7	3	2.5
PAY TOTAL	6	299	737	3	3

GUARDRAIL SCHEDULE

LOCATION	TRAFFIC BARRIER TERMINAL, TYPE 5A (EACH)	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT (EACH)	TERMINAL MARKER - DIRECT APPLIED (EACH)
STATION TO STATION			
SIDE			
STA 117+52.46 TO STA 118+15.71	1	1	1
STA 118+68.53 TO STA 119+31.78	1	1	1
STA 118+88.13 TO STA 119+51.38	1	1	1
TOTAL	3	3	3

SIGNING SCHEDULE

STATION	OFFSET	SIDE	ROADWAY	SIGN DESCRIPTIONS	SIGN DIMENSIONS (IN. X IN.)	SIGN PANEL - TYPE 1 (SQ FT)	METAL POST - TYPE A (FT)
114+00	21	RT	TR 68	SPEED LIMIT - 30 MPH	18X24	3.0	12.5
123+25	16	LT	TR 68	SPEED LIMIT - 30 MPH	18X24	3.0	12.5
TOTAL						6	25

PROPOSED T.R. 68

DESCRIPTION	COORDINATE	
	NORTHING	EASTING
POT STA 110+00.00	826126.58	1115959.57
PC STA 114+50.00	826576.54	1115953.95
PI STA 115+03.75	826630.29	1115953.27
PT STA 115+57.49	826683.95	1115950.08
PC STA 116+20.47	826746.82	1115946.34
PI STA 116+74.23	826800.48	1115943.15
PT STA 117+27.96	826854.23	1115942.47
PC STA 119+41.73	827067.98	1115939.80
PI STA 120+10.39	827136.64	1115938.95
PT STA 120+79.01	827205.22	1115942.20
PC STA 120+41.99	827268.13	1115945.19
PI STA 122+10.65	827336.71	1115948.45
PT STA 122+79.27	827405.37	1115947.59
POT STA 123+79.61	827505.70	1115946.33

PROPOSED CHANNEL

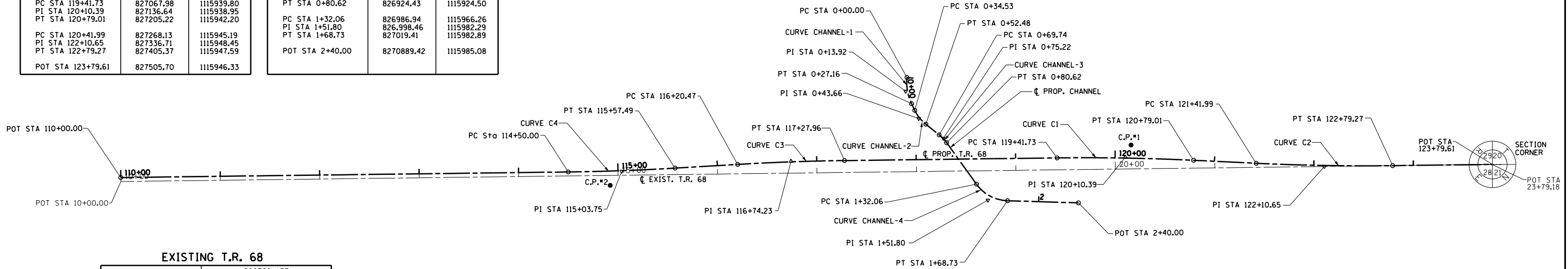
DESCRIPTION	COORDINATE	
	NORTHING	EASTING
PC STA 0+00.00	826917.04	1115858.83
PI STA 0+13.92	826915.70	1115872.69
PT STA 0+27.16	826921.71	1115885.25
PC STA 0+34.53	826924.90	1115891.89
PI STA 0+43.66	826928.84	1115900.13
PT STA 0+52.48	826935.96	1115905.83
PC STA 0+69.74	826949.44	1115916.63
PI STA 0+75.22	826953.71	1115920.05
PT STA 0+80.62	826924.43	1115924.50
PC STA 1+32.06	826986.94	1115966.26
PI STA 1+51.80	826998.46	1115982.29
PT STA 1+68.73	827019.41	1115982.89
POT STA 2+40.00	8270889.42	1115985.08

PROP. CURVE C4
 PI STA. = 115+03.75
 $\Delta = 2^\circ 41' 22''$ (LT)
 $D = 2^\circ 30' 07''$
 $R = 2,290.00'$
 $T = 53.76'$
 $L = 107.49'$
 $E = 0.63'$
 $e = NA$
 P.C. STA = 114+50.00
 P.T. STA = 115+57.49

PROP. CURVE C3
 PI STA. = 116+74.23
 $\Delta = 2^\circ 41' 22''$ (RT)
 $D = 2^\circ 30' 07''$
 $R = 2,290.00'$
 $T = 53.76'$
 $L = 107.49'$
 $E = 0.63'$
 $e = NA$
 P.C. STA = 116+20.47
 P.T. STA = 117+27.96

PROP. CURVE C1
 PI STA. = 120+10.39
 $\Delta = 3^\circ 26' 05''$ (RT)
 $D = 2^\circ 30' 07''$
 $R = 2,290.00'$
 $T = 68.66'$
 $L = 137.28'$
 $E = 1.03'$
 $e = NA$
 P.C. STA = 119+41.73
 P.T. STA = 120+79.01

PROP. CURVE C2
 PI STA. = 122+10.65
 $\Delta = 3^\circ 26' 05''$ (LT)
 $D = 2^\circ 30' 07''$
 $R = 2,290.00'$
 $T = 68.66'$
 $L = 137.28'$
 $E = 1.03'$
 $e = NA$
 P.C. STA = 121+41.99
 P.T. STA = 122+79.27



EXISTING T.R. 68

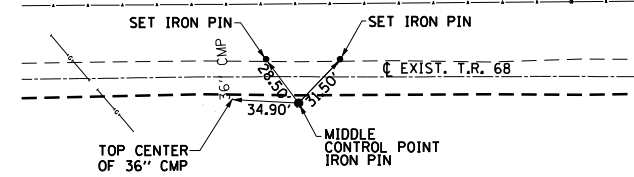
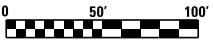
DESCRIPTION	COORDINATE	
	NORTHING	EASTING
POT STA 10+00.00	826126.63	1115963.57
POT STA 23+79.18 BK=	827505.70	1115946.33
POT STA 123+79.61 AH		

PROP. CURVE CHANNEL-1
 PI STA. = 0+13.92
 $\Delta = 31^\circ 07' 16''$ (LT)
 $D = 114^\circ 35' 30''$
 $R = 50.00'$
 $T = 13.92'$
 $L = 27.16'$
 $E = 1.90'$
 P.C. STA = 0+00.00
 P.T. STA = 0+27.16

PROP. CURVE CHANNEL-2
 PI STA. = 0+43.66
 $\Delta = 25^\circ 42' 23''$ (LT)
 $D = 143^\circ 14' 22''$
 $R = 40.00'$
 $T = 9.13'$
 $L = 17.95'$
 $E = 1.03'$
 P.C. STA = 0+34.53
 P.T. STA = 0+52.48

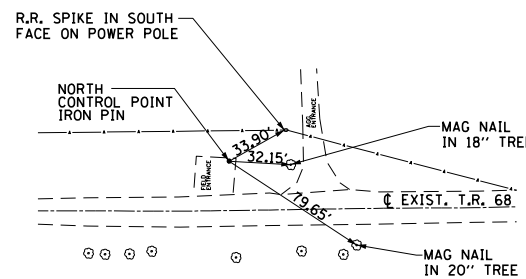
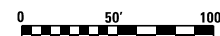
PROP. CURVE CHANNEL-3
 PI STA. = 0+75.22
 $\Delta = 15^\circ 35' 02''$ (RT)
 $D = 143^\circ 14' 22''$
 $R = 40.00'$
 $T = 5.47'$
 $L = 10.88'$
 $E = 1.03'$
 P.C. STA = 0+69.74
 P.T. STA = 0+80.62

PROP. CURVE CHANNEL-4
 PI STA. = 1+51.80
 $\Delta = 52^\circ 31' 31''$ (LT)
 $D = 143^\circ 14' 22''$
 $R = 40.00'$
 $T = 19.74'$
 $L = 36.67'$
 $E = 4.60'$
 P.C. STA = 1+32.06
 P.T. STA = 1+68.73



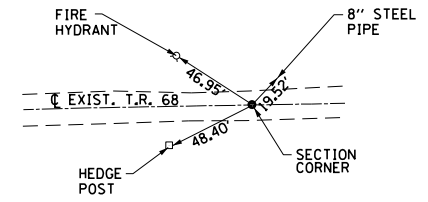
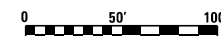
CONTROL POINT # 2

NORTHING	EASTING
826618.67	1115967.47



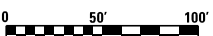
CONTROL POINT # 1

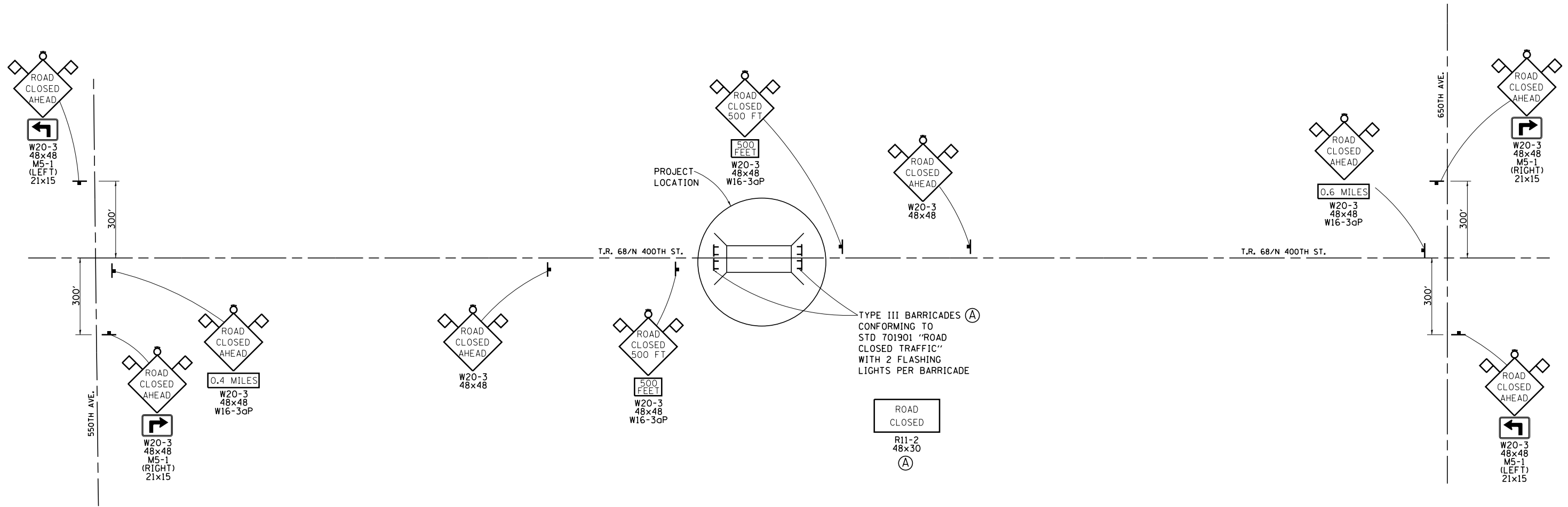
NORTHING	EASTING
827142.33	1115926.84



SECTION CORNER

NORTHING	EASTING
827505.70	1115946.33





GENERAL NOTES

1. ALL TRAFFIC CONTROL DEVICES SHALL BE FURNISHED, ERECTED AND MAINTAINED BY THE CONTRACTOR.
2. ALL SIGNS NOT ATTACHED TO BARRICADES SHALL BE POST MOUNTED UNLESS NOTED OTHERWISE.
3. LOCATIONS OF TRAFFIC CONTROL DEVICES MAY BE ADJUSTED BY THE ENGINEER.
4. ALL TRAFFIC CONTROL SHOWN ON THIS SHEET SHALL BE PAID FOR PER LUMP SUM FOR TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21. OTHER ITEMS REQUIRED BY THE ENGINEER AND NOT SHOWN ON THIS DRAWING SHALL BE INCLUDED IN THE PAY ITEM AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

LEGEND

- TYPE III BARRICADES CONFORMING TO STD. 701901
- SIGNS ON PERMANENT SUPPORTS
- FLASHING LIGHT ABOVE SIGN
- 18x18 ORANGE FLAG

FILE NAME =	USER NAME = betsy	DESIGNED - ESW	REVISED -	MARTIN TOWNSHIP TR 68 OVER LITTLE CREEK	ROAD CLOSURE DETAIL	TR	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
DATE = 4/5/2020	DATE = 10-21-14	DRAWN - PDB	REVISED -			14-05119-00-BR	CRAWFORD	48	7		
PLOT SCALE = 400.0000' / in.	CHECKED - BRM	REVISIED -	REVISIED -			CONTRACT NO. 95875					
	DATE = 10-21-14	REVISIED -	REVISIED -			ILLINOIS FED. AID PROJECT MX0218151					

PROP. CURVE C4
 PI STA. = 115+03.75
 $\Delta = 2^\circ 41' 22''$ (LT)
 $D = 2^\circ 30' 07''$
 $R = 2,290.00'$
 $T = 53.76'$
 $L = 107.49'$
 $E = 0.63'$
 $\theta = NC$
 P.C. STA = 114+50.00
 P.T. STA = 115+57.49

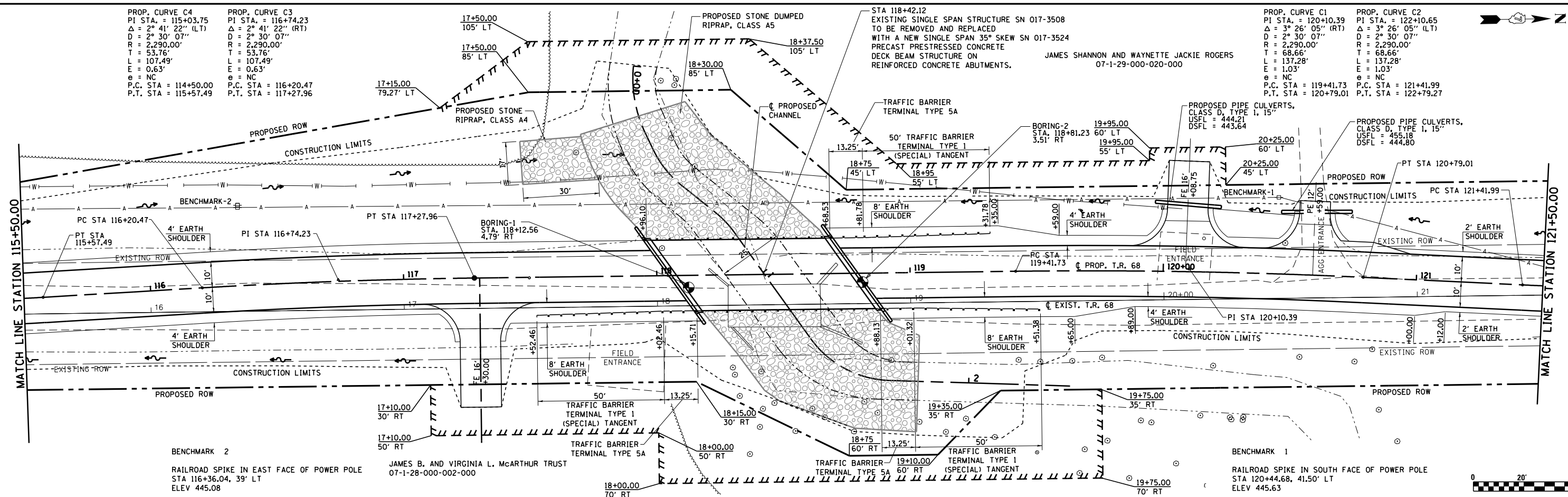
PROP. CURVE C3
 PI STA. = 116+74.23
 $\Delta = 2^\circ 41' 22''$ (RT)
 $D = 2^\circ 30' 07''$
 $R = 2,290.00'$
 $T = 53.76'$
 $L = 107.49'$
 $E = 0.63'$
 $\theta = NC$
 P.C. STA = 116+20.47
 P.T. STA = 117+27.96

PROP. CURVE C1
 PI STA. = 120+10.39
 $\Delta = 3^\circ 26' 05''$ (RT)
 $D = 2^\circ 30' 07''$
 $R = 2,290.00'$
 $T = 68.66'$
 $L = 137.28'$
 $E = 1.03'$
 $\theta = NC$
 P.C. STA = 119+41.73
 P.T. STA = 120+79.01

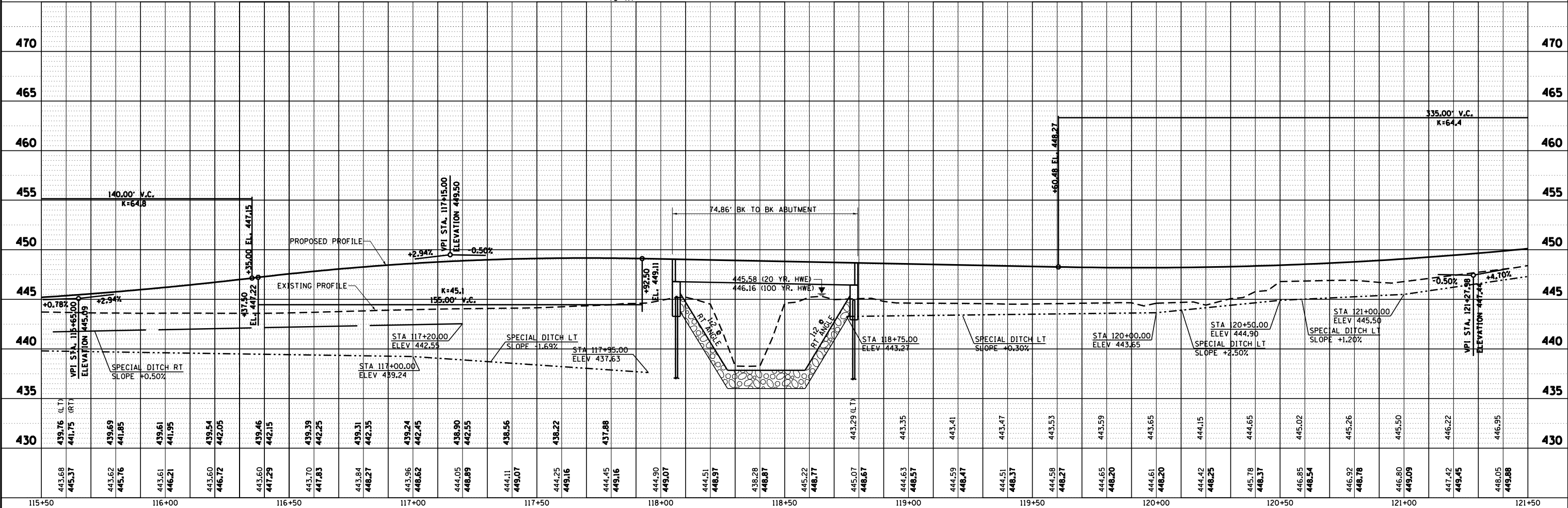
PROP. CURVE C2
 PI STA. = 122+10.65
 $\Delta = 3^\circ 26' 05''$ (LT)
 $D = 2^\circ 30' 07''$
 $R = 2,290.00'$
 $T = 68.66'$
 $L = 137.28'$
 $E = 1.03'$
 $\theta = NC$
 P.C. STA = 121+41.99
 P.T. STA = 122+79.27

JAMES SHANNON AND WAYNETTE JACKIE ROGERS
 07-1-29-000-020-000

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
	NO.	



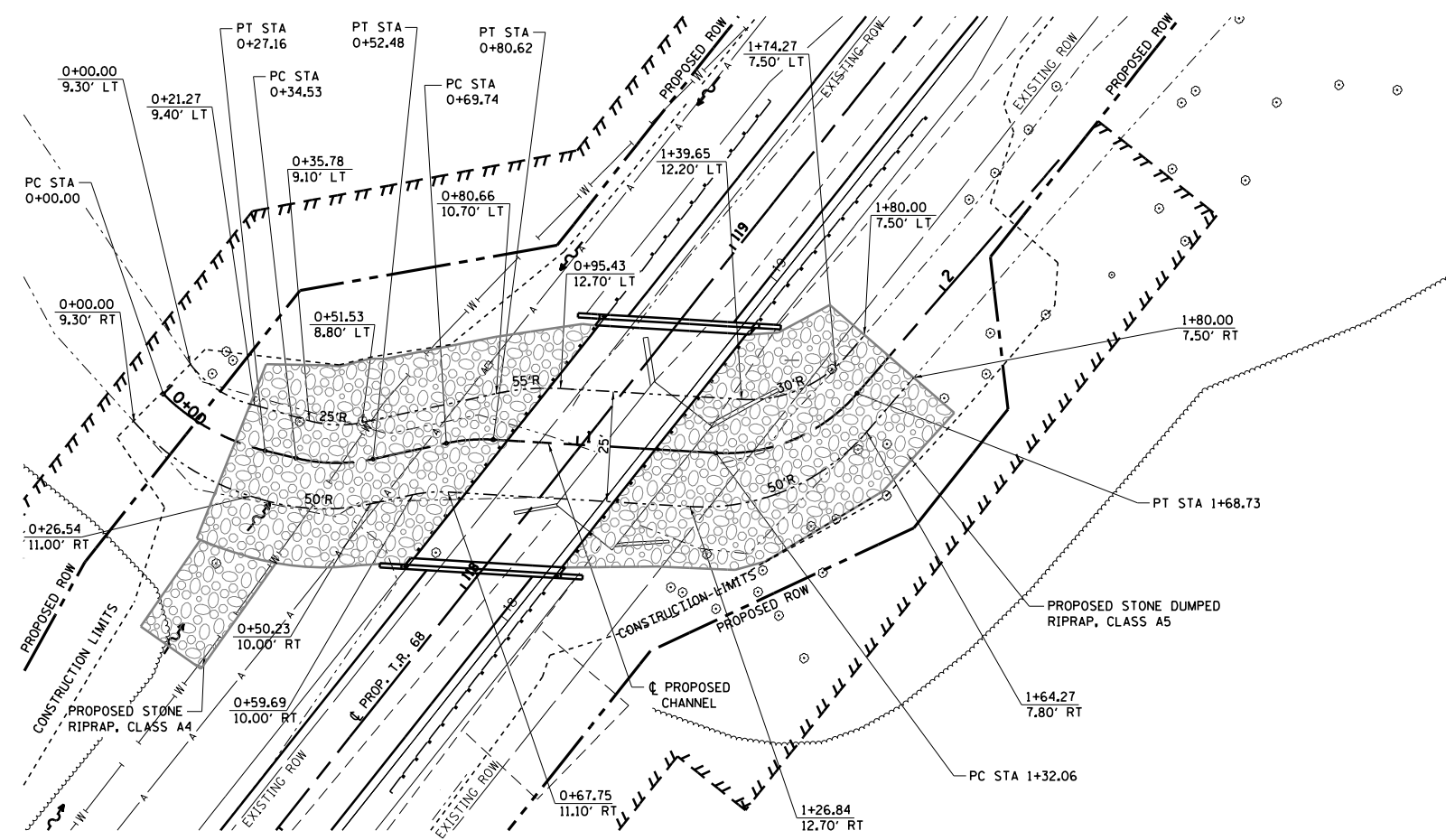
PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATIONS	
	CPWD	
	NO.	



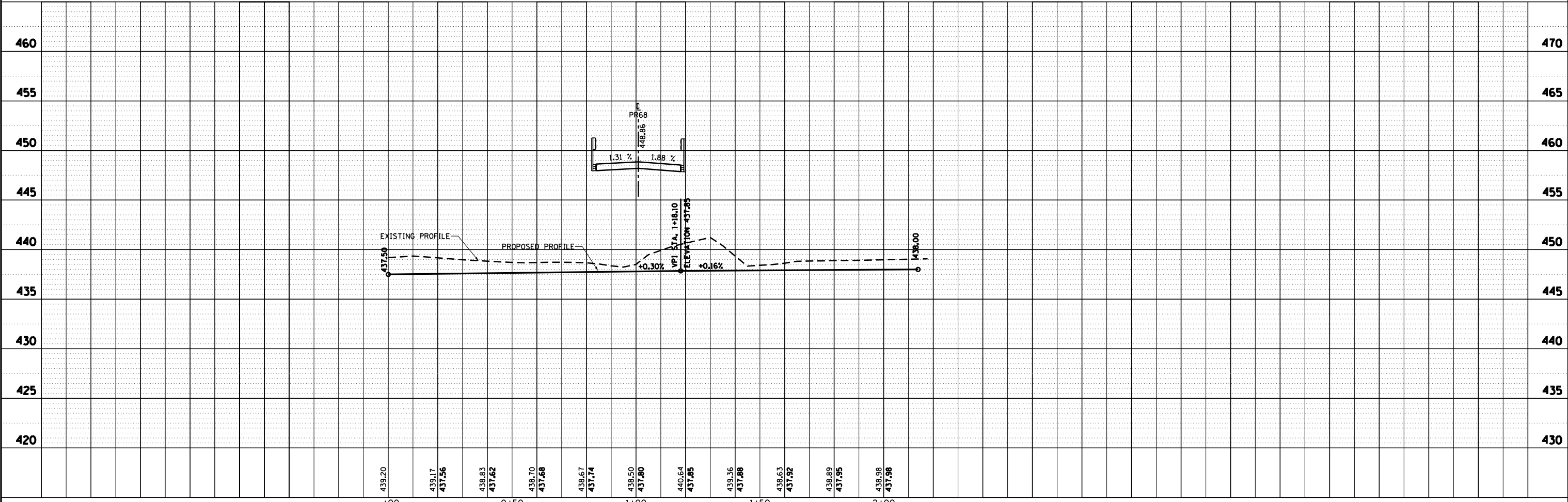
FILE NAME =	USER NAME = betsy	DESIGNED - ESW	REVISED -	MARTIN TOWNSHIP TR 68 OVER LITTLE CREEK	PLAN AND PROFILE TR 68	SCALE: 1"=20' SHEET 2 OF 4 SHEETS STA. 115+50.00 TO STA. 121+50.00
S:\Projects\414-0029-0HY TR 68 Over Little	Creek\dgn\CADD Sheets\Plan Profile.dgn	DRAWN - PDB	REVISED -			
Default	PLOT SCALE = 40.0000' / in.	CHECKED - BRM	REVISED -			
	PLOT DATE = 4/5/2020	DATE - 3-26-15	REVISED -			
				COUNTY CRAWFORD TOTAL SHEETS 48 SHEET NO. 9 CONTRACT NO. 95875 ILLINOIS FED. AID PROJECT MX02(815)		

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNED		
	CHECKED		
	FILED		
	CADD FILE NAME		
	NO.		

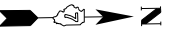
PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NO.		



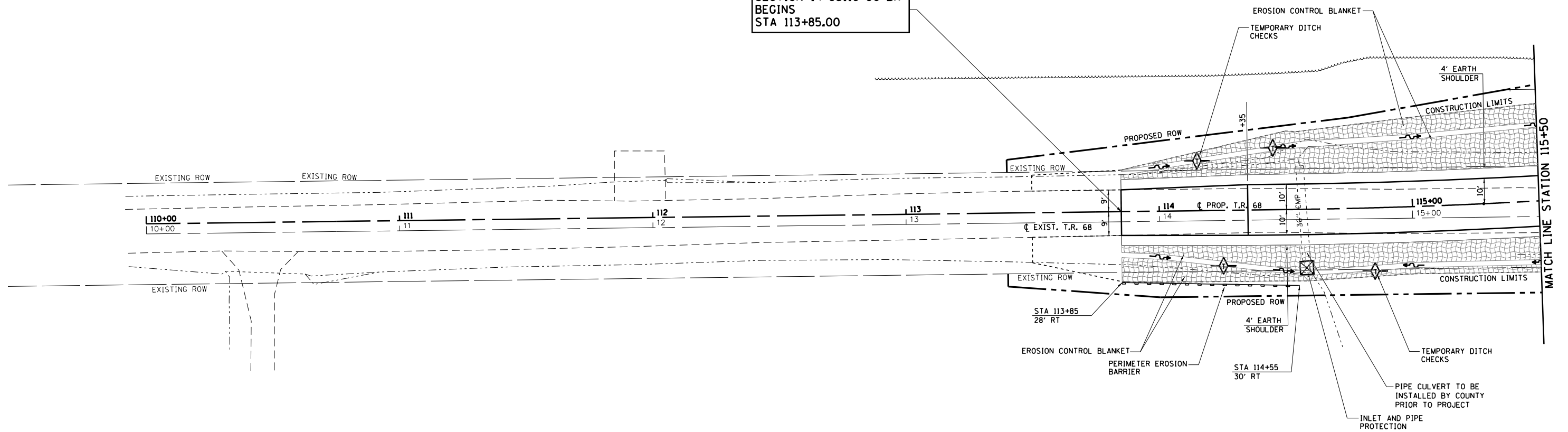
PROP. CURVE CHANNEL-1 PI STA. = 0+13.92 $\Delta = 31^\circ 07' 16''$ (LT) D = 114' 35" 30" R = 50.00' T = 13.92' L = 27.16' E = 1.90' P.C. STA = 0+00.00 P.T. STA = 0+27.16	PROP. CURVE CHANNEL-2 PI STA. = 0+43.66 $\Delta = 25^\circ 42' 23''$ (LT) D = 143' 14" 22" R = 40.00' T = 9.13' L = 17.95' E = 1.03' P.C. STA = 0+34.53 P.T. STA = 0+52.48
PROP. CURVE CHANNEL-3 PI STA. = 0+75.22 $\Delta = 15^\circ 35' 02''$ (RT) D = 143' 14" 22" R = 40.00' T = 5.47' L = 10.88' E = 0.37' P.C. STA = 0+69.74 P.T. STA = 0+80.62	PROP. CURVE CHANNEL-4 PI STA. = 1+51.80 $\Delta = 52^\circ 31' 31''$ (LT) D = 143' 14" 22" R = 40.00' T = 19.74' L = 36.67' E = 4.60' P.C. STA = 1+32.06 P.T. STA = 1+68.73



FILE NAME =	USER NAME = betsy	DESIGNED - ESW	REVISED -	CRAWFORD COUNTY TR 68 OVER LITTLE CREEK	PLAN AND PROFILE PROPOSED CHANNEL	SCALE: 1"=20'	SHEET 4 OF 4 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT MX02(815)
S:\Projects\414-0029-0HY TR 68 Over Little Creek\dgn\CADD Sheets\Plan Profile_Channel	DRAWN - PDB	REVISED -							
Default	CHECKED - BRM	REVISED -							
PLOT DATE = 4/5/2020	DATE - 3-26-15	REVISED -							



SECTION 14-05119-00-BR
 BEGINS
 STA 113+85.00



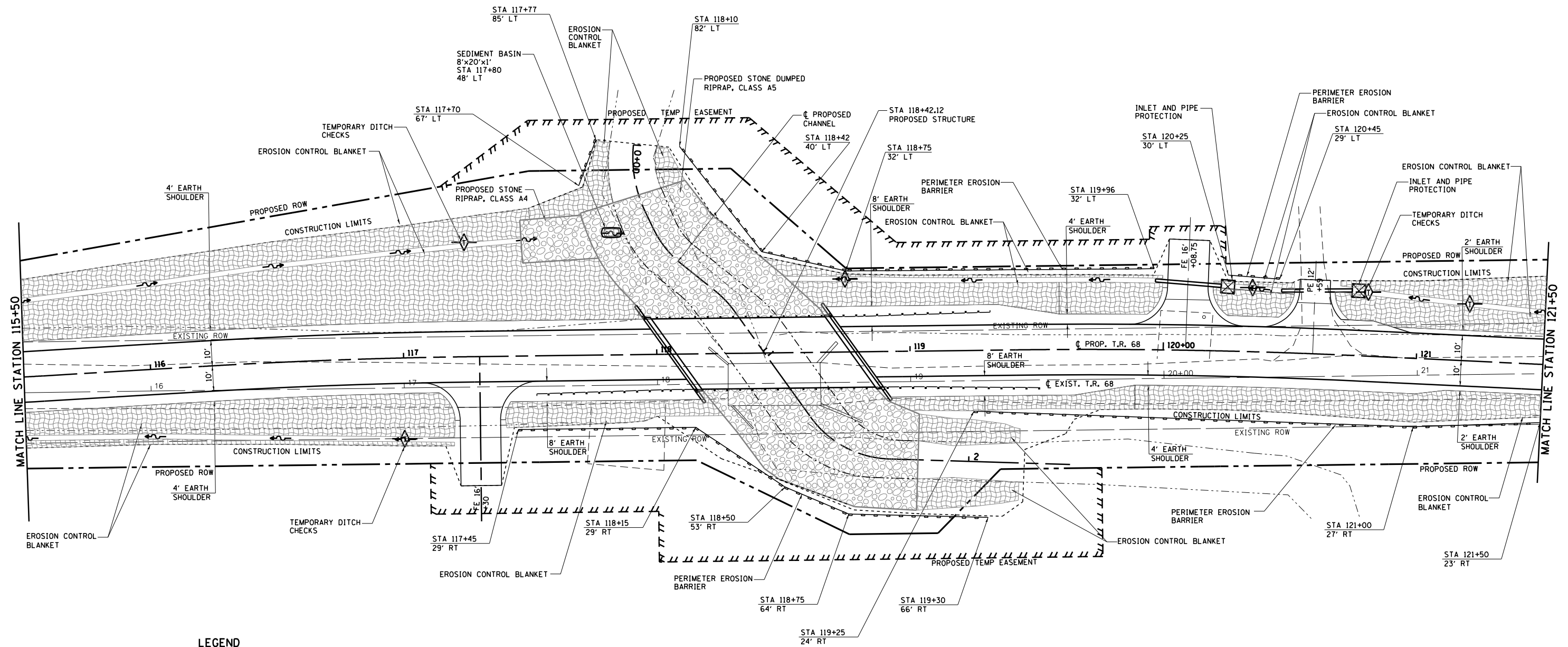
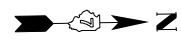
ITEM	LEGEND	SYMBOL
TEMPORARY DITCH CHECKS		
PERIMETER EROSION BARRIER		
SUMMIT		
ROADWAY DITCH FLOW		
INLET AND PIPE PROTECTION		
EROSION CONTROL BLANKET		
SEDIMENT BASIN		

NOTE: EROSION CONTROL BLANKET SHALL BE INSTALLED ON SLOPES 3:1 AND STEEPER



FILE NAME =	USER NAME = betsy	DESIGNED - ESW	REVISED -	MARTIN TOWNSHIP TR 68 OVER LITTLE CREEK	EROSION AND SEDIMENT CONTROL PLAN	•TR68	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S:\Projects\414-0029-0HY TR 68 Over Little Creek\ dgn\CADD Sheets\Erosion Control.dgn	DRAWN - LEC	REVISED -	14-05119-00-BR				CRAWFORD	48	12		
Default	PLOT SCALE = 40.0000' / in.	CHECKED - BRM	REVISED -				CONTRACT NO. 95875				
	PLOT DATE = 4/5/2020	DATE - 3/26/15	REVISED -				ILLINOIS FED. AID PROJECT MX02(815)				

SCALE: 1"=20' SHEET 1 OF 3 SHEETS STA. 110+00.00 TO STA. 115+50.00

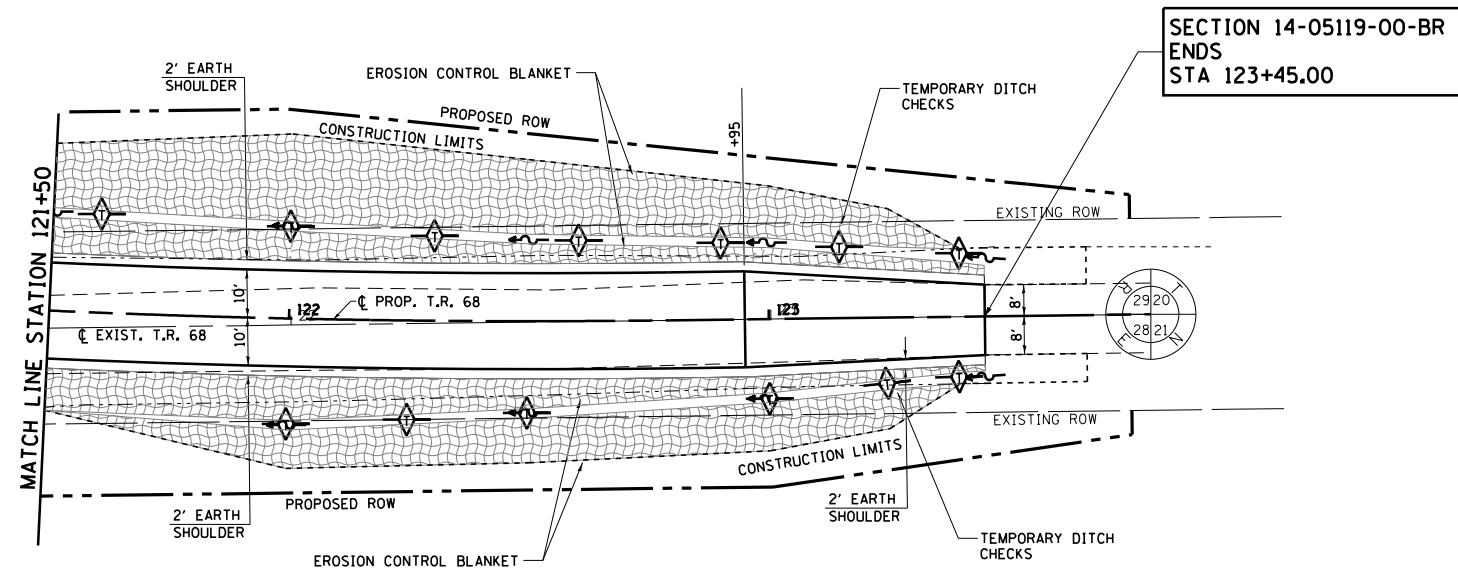


ITEM	LEGEND	SYMBOL
TEMPORARY DITCH CHECKS		
PERIMETER EROSION BARRIER		
SUMMIT		
ROADWAY DITCH FLOW		
INLET AND PIPE PROTECTION		
EROSION CONTROL BLANKET		
SEDIMENT BASIN		

NOTE: EROSION CONTROL BLANKET SHALL BE INSTALLED ON SLOPES 3:1 AND STEEPER

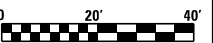


FILE NAME =	USER NAME = betsy	DESIGNED - ESW	REVISED -	MARTIN TOWNSHIP TR 68 OVER LITTLE CREEK	EROSION AND SEDIMENT CONTROL PLAN	•TR68	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S:\Projects\414-0029-0HY TR 68 Over Little Creek\ dgn\CADD Sheets\Erosion Control.dgn	DRAWN - LEC	REVISED -	14-05119-00-BR				CRAWFORD	48	13		
Default	CHECKED - BRM	REVISED -	CONTRACT NO. 95875								
PLOT SCALE = 40.0000' / in.	DATE - 3/26/15	REVISED -	ILLINOIS FED. AID PROJECT MX02(815)								
PLOT DATE = 4/5/2020			SCALE: 1"=20'	SHEET 2 OF 3 SHEETS	STA. 115+50.00 TO STA. 121+50.00						

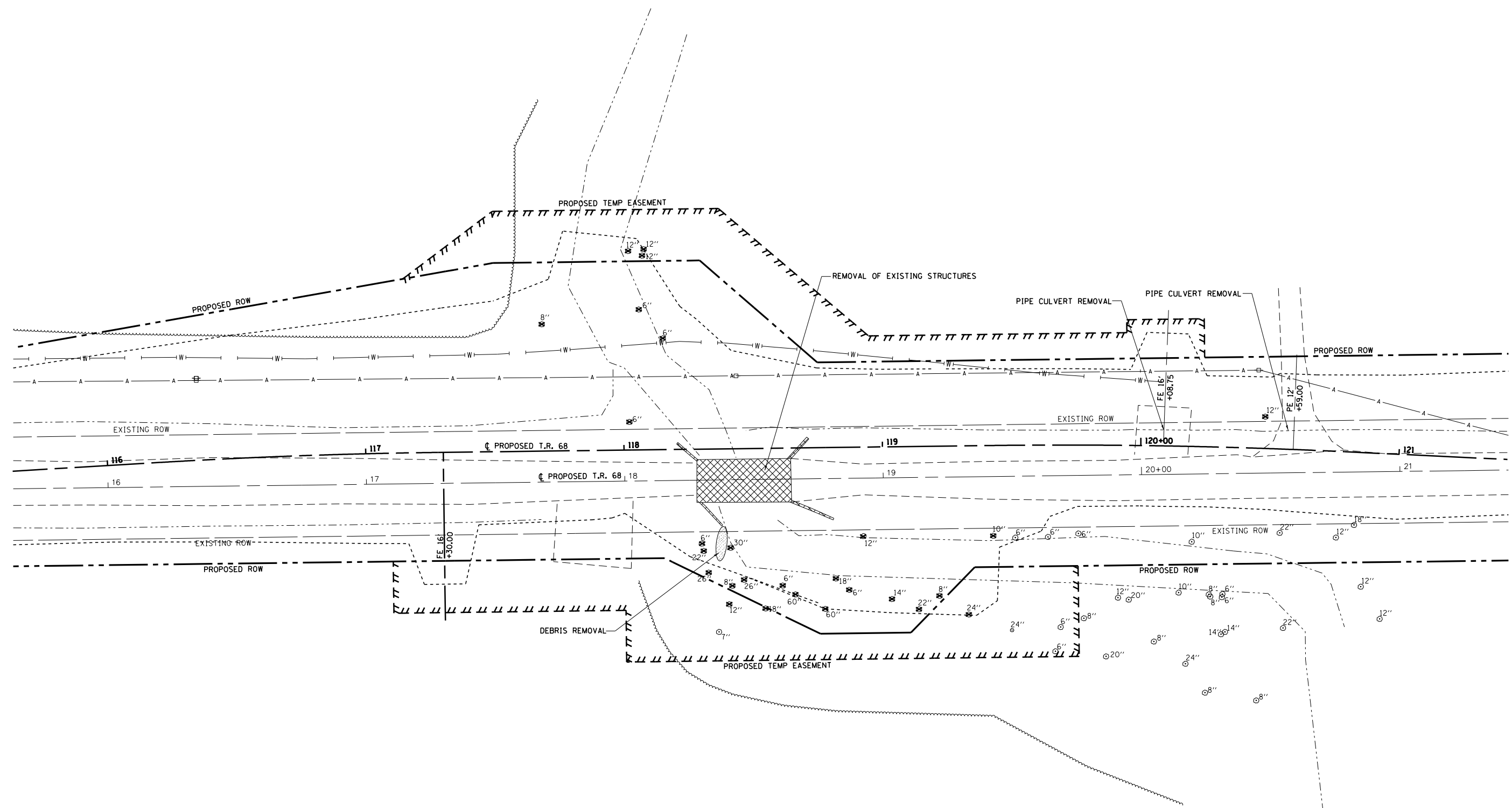
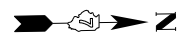


ITEM	LEGEND	SYMBOL
TEMPORARY DITCH CHECKS		
PERIMETER EROSION BARRIER		
SUMMIT		
ROADWAY DITCH FLOW		
INLET AND PIPE PROTECTION		
EROSION CONTROL BLANKET		
SEDIMENT BASIN		

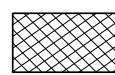


NOTE: EROSION CONTROL BLANKET SHALL BE INSTALLED ON SLOPES 3:1 AND STEEPER



FILE NAME =	USER NAME = betsy	DESIGNED - ESW	REVISED -	MARTIN TOWNSHIP TR 68 OVER LITTLE CREEK	EROSION AND SEDIMENT CONTROL PLAN	SCALE: 1"=20"	SHEET 3 OF 3 SHEETS	STA. 121+50.00 TO STA. 123+79.61	ILLINOIS FED. AID PROJECT MX02(815)		
S:\Projects\414-0029-0HY TR 68 Over Little Creek\dgn\CADD Sheets\Erosion Control.dgn	PLOT SCALE = 40.0000' / in.	DRAWN - LEC	REVISED -								
Default	PLOT DATE = 4/5/2020	CHECKED - BRM	REVISED -								
		DATE - 3/26/15	REVISED -								
						•TR68	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
								14-05119-00-BR	CRAWFORD	48	14
						CONTRACT NO. 95875					

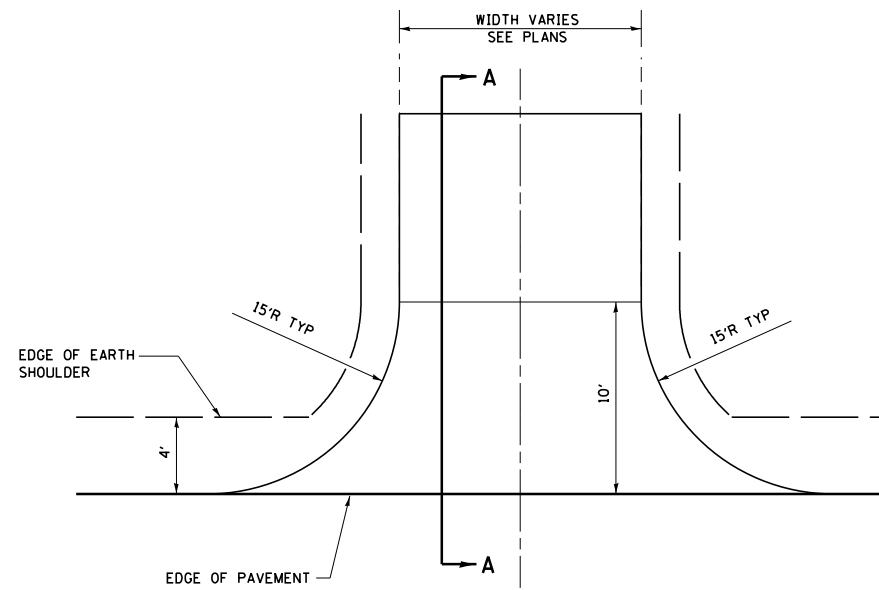


LEGEND

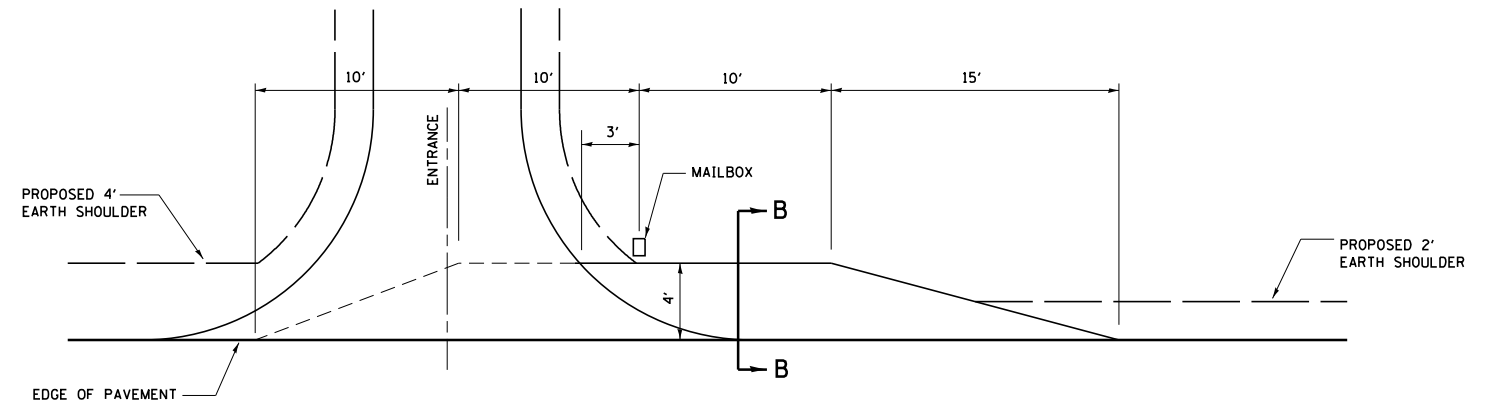
-  STRUCTURAL REMOVAL
-  DEBRIS REMOVAL
-  TREE REMOVAL (UNIT)



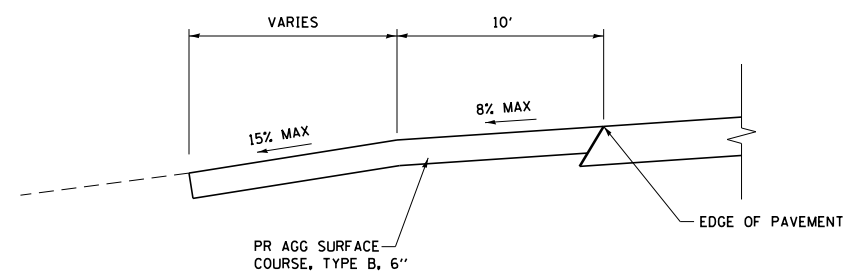
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S:\Projects\414-0029-0HY TR 68 Over Little Creek\dgn\CADD Sheets\Removal_Plan.dgn		DRAWN - LEC	REVISED -				14-05119-00-BR	CRAWFORD		48	15			
Default	PLOT SCALE = 40.0000' / in.	CHECKED - BRM	REVISED -					CONTRACT NO. 95875						
	PLOT DATE = 4/5/2020	DATE - 9-30-15	REVISED -		SCALE: 1"=20'	SHEET	OF	SHEETS		STA.	TO	STA.	ILLINOIS FED. AID PROJECT MX02(815)	



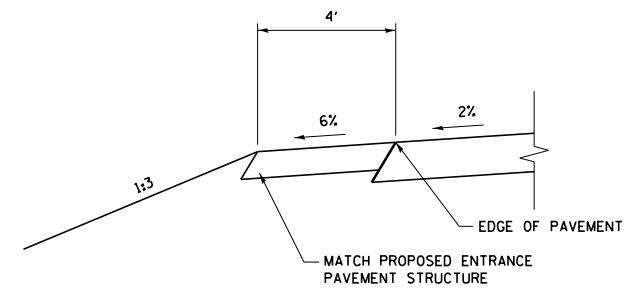
ENTRANCE DETAIL



MAILBOX ON NEARSIDE OF ENTRANCE



SECTION A-A
AGGREGATE ENTRANCE



SECTION B-B

FILE NAME =	USER NAME = betsy	DESIGNED - ESW	REVISED -
S:\Projects\414-0029-0HY TR 68 Over Little Creek\ dgn\CADD Sheets\Details.dgn		DRAWN - LEC	REVISED -
Default	PLOT SCALE = 100.0000' / 1in.	CHECKED - BRM	REVISED -
	PLOT DATE = 4/5/2020	DATE - 9-30-15	REVISED -

**MARTIN TOWNSHIP
TR 68 OVER LITTLE CREEK**

ENTRANCE AND MAILBOX TURNOUT DETAILS

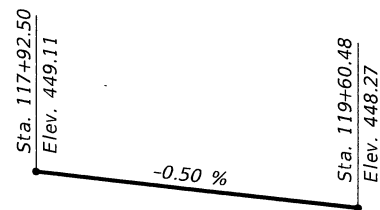
SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

•TR68	TR RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		14-05119-00-BR	CRAWFORD	48	17
				CONTRACT NO. 95875	
ILLINOIS FED. AID PROJECT MX021815					

Benchmark - Railroad Spike set in South Face of Power Pole,
Sta. 120+44.68, 41.50' Lt., Elev. 445.63

Existing Structure - Structure No. 017-3508, Built in 1904, 36'-0" Single
Span Steel Girder Bridge (21") with Closed Abutments.
Traffic will be detoured during construction.

No Salvage



PROFILE GRADE

TR 68
(North 400th Street)

DESIGN SPECIFICATIONS

2017 AASHTO LRFD Bridge Design
Specifications 8th Edition

LOADING HL-93

Allow 50#/sq. ft. for future wearing surface.

SEISMIC DATA

Seismic Performance Zone (SPZ) = 2
Design Spectral Acceleration at 1.0 sec. (SD1) = 0.216
Design Spectral Acceleration at 0.2 sec. (SDS) = 0.492
Soil Site Class = D

DESIGN STRESSES

FIELD UNITS

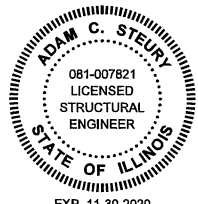
$f'_c = 3,500$ psi
 $f_y = 60,000$ psi (Reinforcement)

PRECAST UNITS

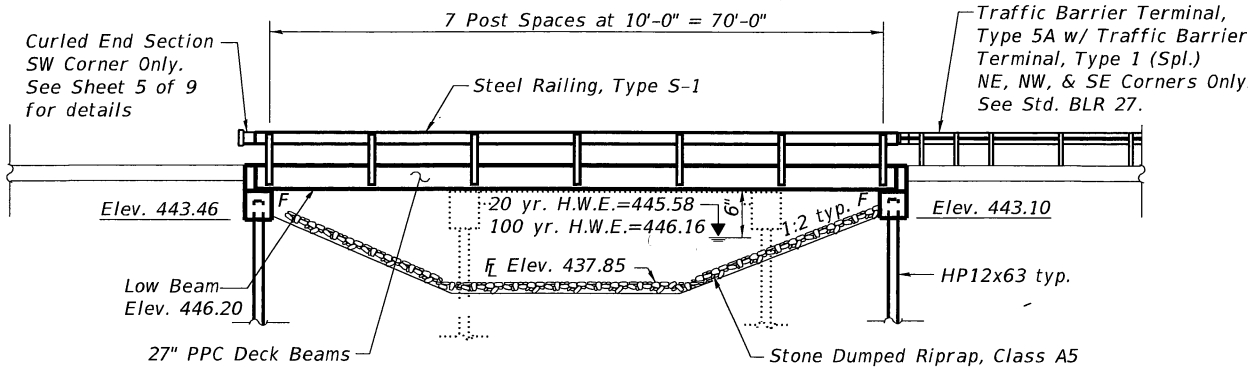
$f'_c = 6,000$ psi
 $f'_{ci} = 5,000$ psi
 $f_{pu} = 270,000$ psi (low lax 1/2" dia. strand)
 $f_{pbt} = 201,960$ psi (low lax 1/2" dia. strand)
 $f_y = 60,000$ psi (Reinforcement)

INDEX OF STRUCTURAL SHEETS

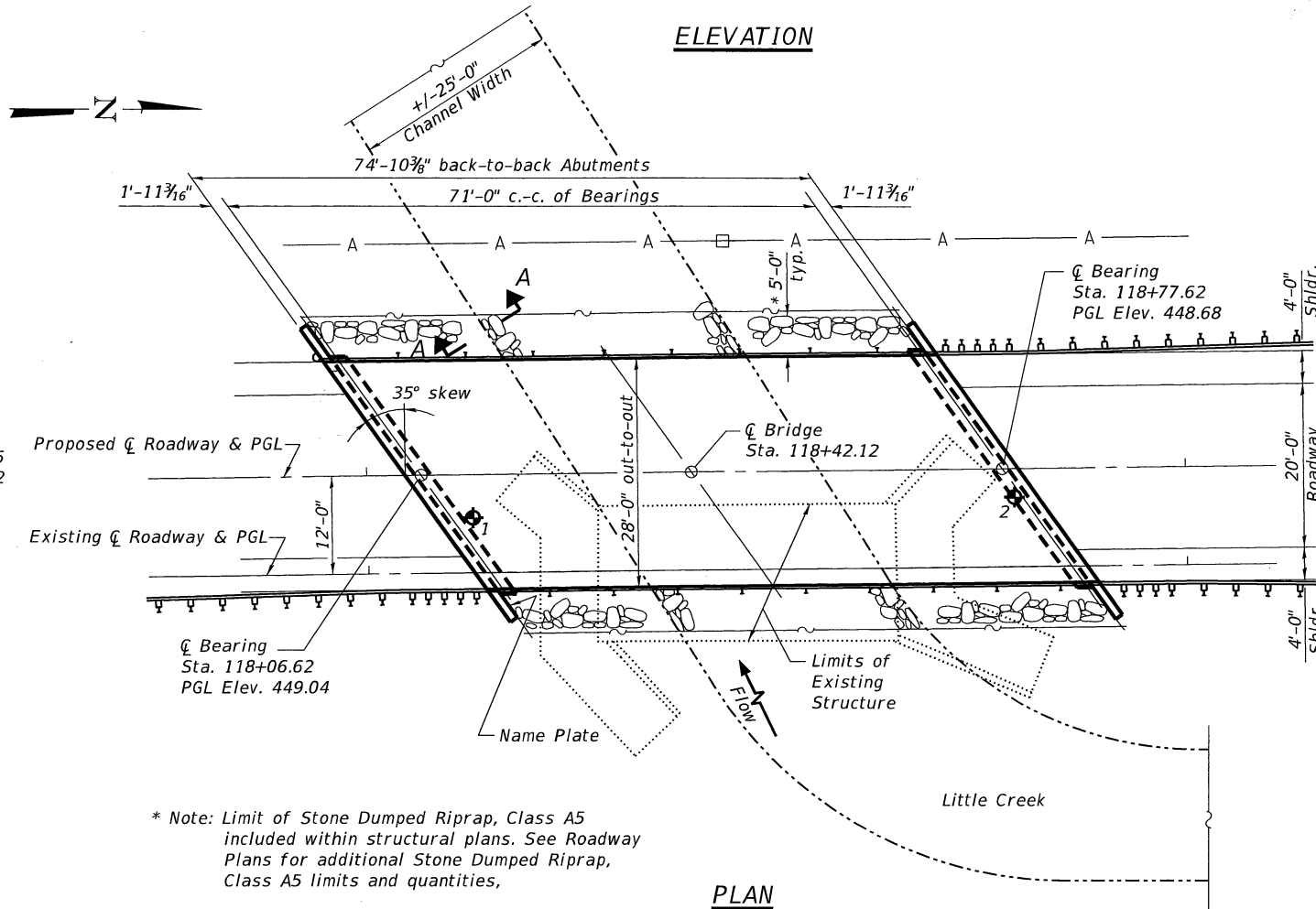
- 1 - General Plan & Elevation
- 2 - Deck Beam
- 3 - Deck Beam Details
- 4 - Superstructure Details
- 5 - Steel Railing Details
- 6 - Abutments
- 7 - Pile Details
- 8-9 - Soil Borings



I certify that to the best of knowledge, information and belief, this
bridge/box culvert design is structurally adequate for the design
loading shown on the plans. The design is an economical one for the
style of structure and complies with requirements of the current
AASHTO Standard Specifications for Highway Bridges.

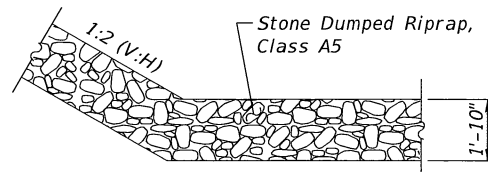


ELEVATION



PLAN

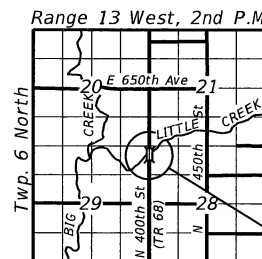
* Note: Limit of Stone Dumped Riprap, Class A5
included within structural plans. See Roadway
Plans for additional Stone Dumped Riprap,
Class A5 limits and quantities.



SECTION A-A

LITTLE CREEK
BUILT 20__ BY __
CRAWFORD COUNTY
STA. 118+42.12
SEC. 14-05119-00-BR
STR. NO. 017-3524
LOADING HL-93

NAME PLATE



LOCATION SKETCH

WATERWAY INFORMATION

Existing Low Grade Elev. 443.55 @ Sta. 16+00.00									
Drainage Area = 14.7 sq. mi Proposed Low Grade Elev. 443.80 @ Sta. 114+00.00									
Flood	Freq. Yr.	Q C.F.S.	Opening Exist.	Opening Prop.	Nat. H.W.E.	Head - Ft.		Headwater El.	
						Exist.	Prop.	Exist.	Prop.
Design	20	3180	192	378	445.58	0.65	0.00	445.77	445.12
	50	3800	192	390	445.88	0.37	0.12	446.25	446.00
	100	4430	192	400	446.16	0.25	0.25	446.41	446.41
Max. Calc.	500	5980	192	460	446.77	0.16	0.17	446.93	446.94

DESIGN SCOUR ELEVATION TABLE

Design Scour Elevation (ft.)	N. Abut.	S. Abut.
	14.75	34.02

GENERAL NOTES

Reinforcement bars designated (E) shall be epoxy coated.
The embankment configuration shown shall be the minimum that must
be placed and compacted prior to the construction of the abutments.
Layout of the slope protection system may be varied to suit ground
conditions in the field as directed by the Engineer.

TOTAL BILL OF MATERIAL

Item	Unit	Super	Sub.	Total
Stone Dumped Riprap, Class A5	Ton		287	287*
Removal of Existing Structures	Each	1		1
Structure Excavation	Cu. Yd.		127	127
Concrete Structures	Cu. Yd.		31	31
Precast Prestressed Concrete Deck Beams (27" Depth)	Sq. Ft.	2028		2028
Reinforcement Bars, Epoxy Coated	Pound		4689	4689
Steel Railing, Type S1	Foot	145		145
Furnishing Steel Piles HP12x63	Foot		465	465
Driving Piles	Foot		465	465
Test Pile Steel HP12x63	Each		2	2
Name Plates	Each		1	1

* NOT A TOTAL QUANTITY

GENERAL PLAN & ELEVATION
TR 68 (NORTH 400TH STREET)
OVER LITTLE CREEK
SECTION 14-05119-00-BR
MARTIN TOWNSHIP
CRAWFORD COUNTY
STATION 118+42.12
STRUCTURE NO. 017-3524

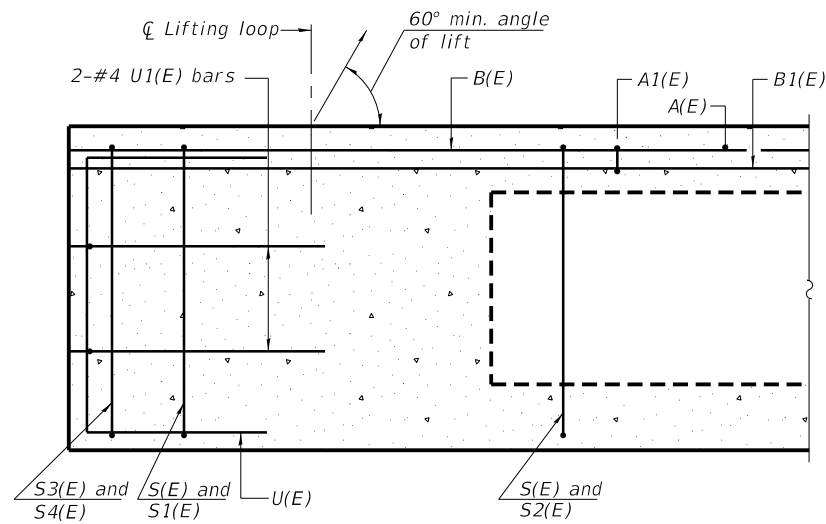
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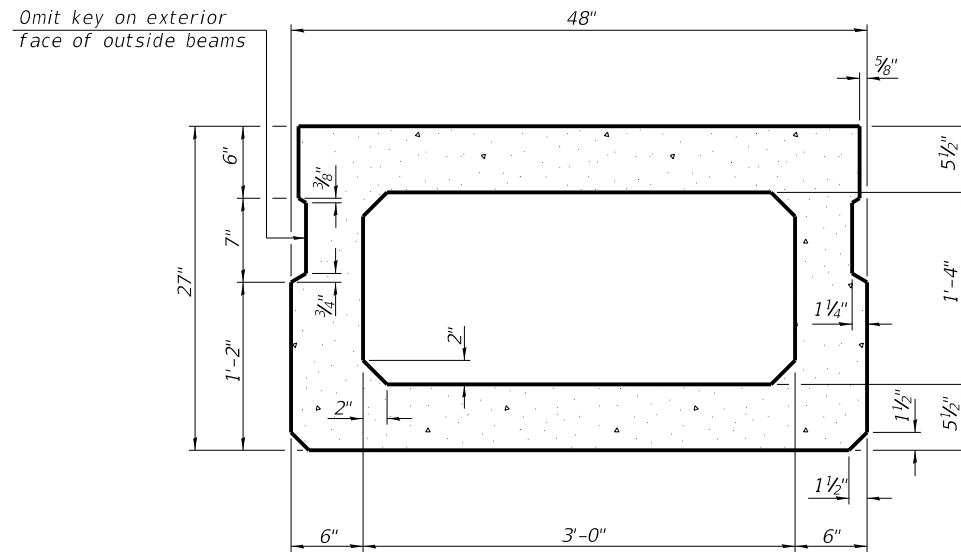
MARTIN TOWNSHIP
TR 68 OVER LITTLE CREEK

SHEET NO. 1 OF 9 SHEETS

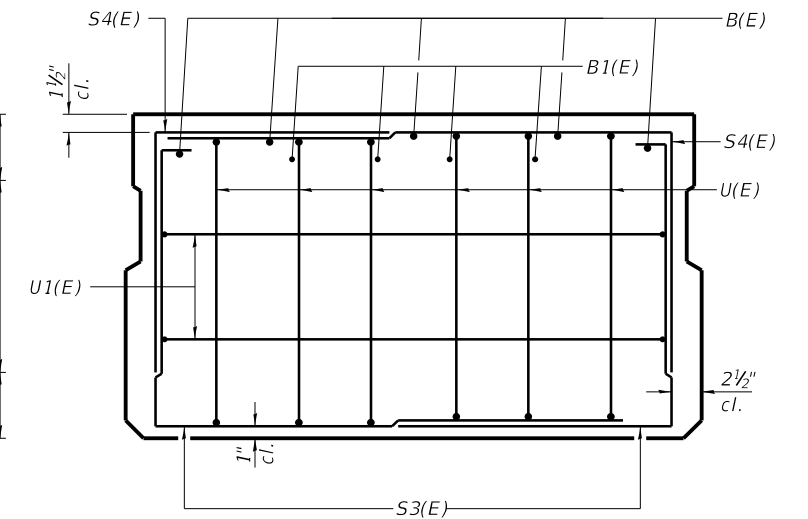
TR	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	14-05119-00-BR	CRAWFORD	48	18
MARTIN ROAD DISTRICT			CONTRACT NO. 95875	
[ILLINOIS] FED. AID PROJECT M0201815				



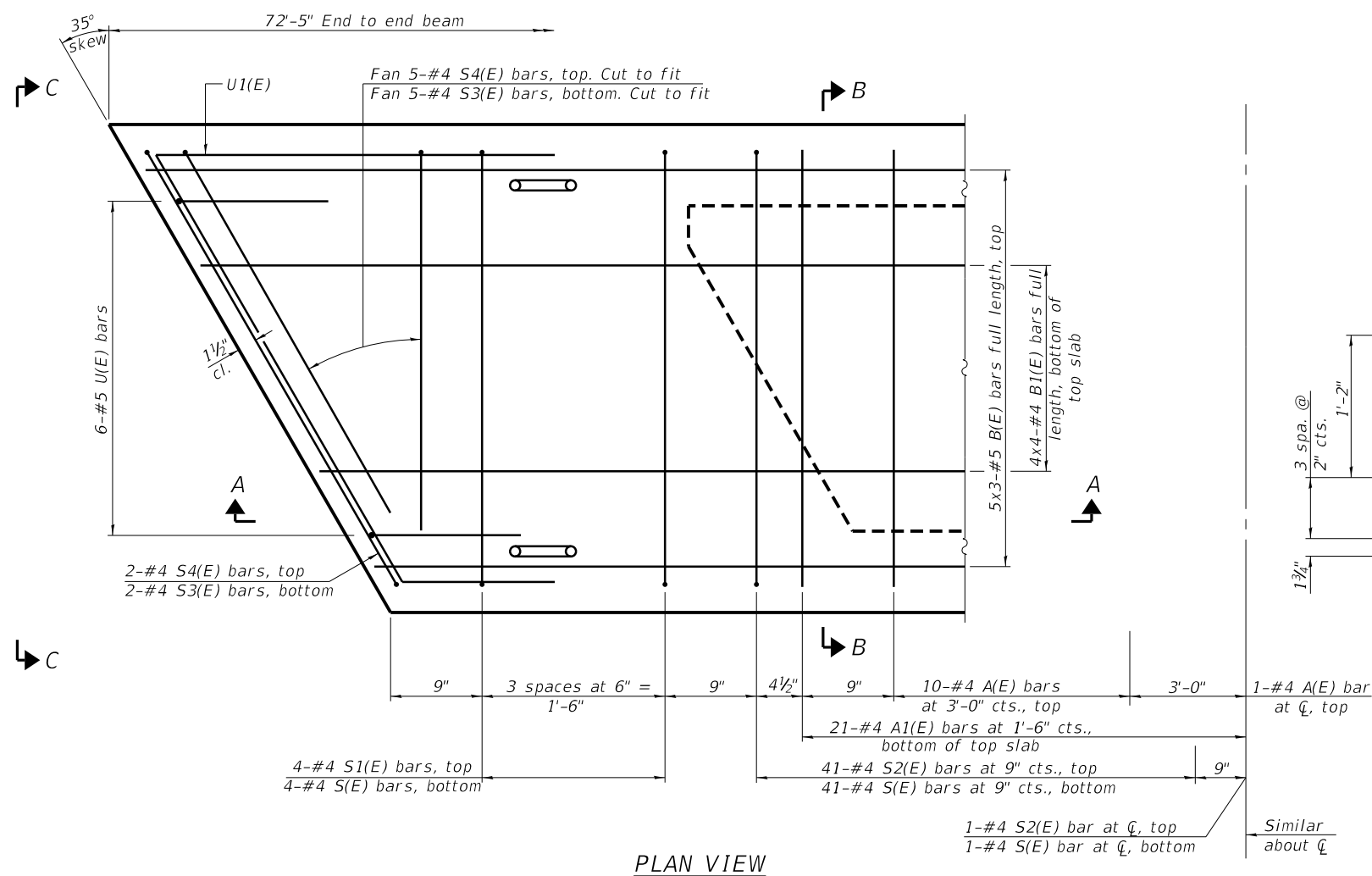
SECTION A-A



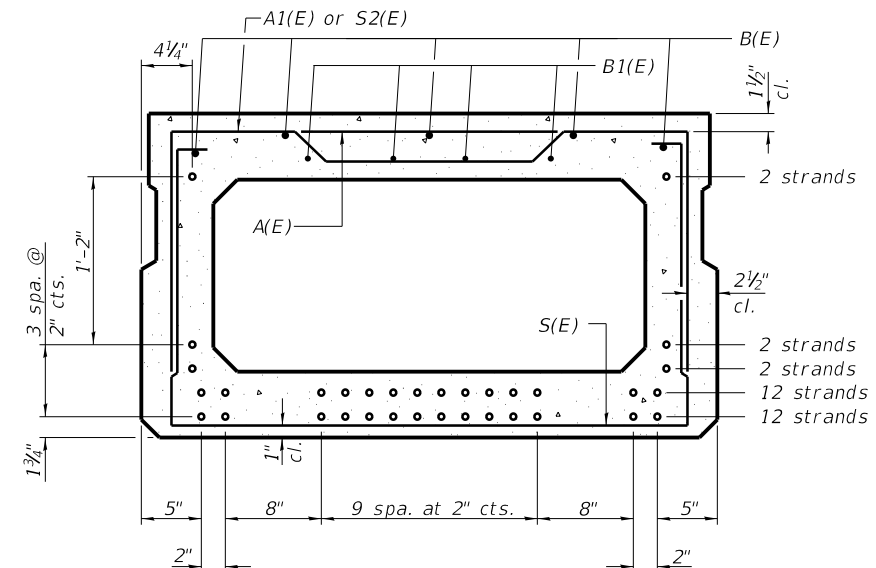
SECTION B-B
(Showing dimensions)



VIEW C-C



PLAN VIEW



SECTION B-B
(Showing reinforcement and permissible strand locations)
Note: Place the number of strands specified in each row symmetrically about the centerline of beam in the permissible strand locations shown.

BAR LIST
ONE BEAM ONLY
(For information only)

Bar	No.	Size	Length	Shape
A(E)	21	#4	3'-7"	—
A1(E)	42	#4	3'-10"	—
B(E)	15	#5	25'-9"	—
B1(E)	16	#4	19'-6"	—
S(E)	91	#4	8'-5"	⌋
S1(E)	8	#4	6'-11"	⌋
S2(E)	81	#4	7'-2"	⌋
S3(E)	14	#4	6'-9"	⌋
S4(E)	14	#4	6'-0"	⌋
U(E)	12	#5	4'-6"	⌋
U1(E)	4	#4	9'-2"	⌋

Note: See sheet 3 of 9 for additional details and Bill of Material.

MINIMUM BAR LAP
#4 bar = 1'-11"
#5 bar = 2'-6"

Note:
Spacing of S(E) and S2(E) bars may be adjusted up to 4" in the immediate area of the transverse tie diaphragms to miss the block outs for the transverse ties.
Bars indicated thus 5x3-#5 ect. indicates 5 lines of bars with 3 lengths per line.

FILE NAME = S:\Projects\14-0029-01Y TR 68 Over Little Creek\Bridges\gn\Final Design\0173508-002-PPC Deck Beam.dgn



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MODEL NAME = SM 02
PLOT SCALE =
PLOT DATE = 4/5/2020 1:23:53 PM

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CHECKED - JRG
DRAWN - WS
CHECKED - ACS

REVISED
REVISED
REVISED
REVISED

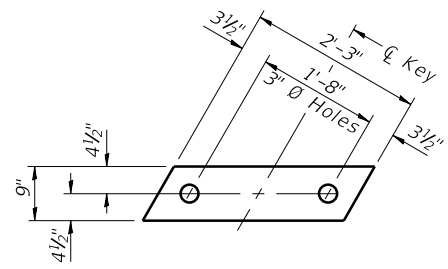
MARTIN TOWNSHIP
TR 68 OVER LITTLE CREEK

27" x 48" PPC DECK BEAM
STRUCTURE NO. 017-3524

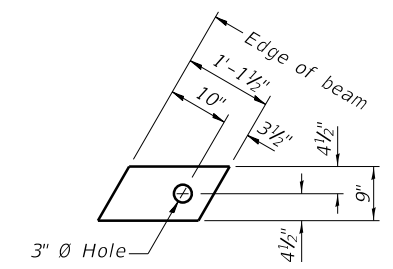
SHEET NO. 2 OF 9 SHEETS

TR	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	14-05119-00-BR	CRAWFORD	48	19
MARTIN ROAD DISTRICT		CONTRACT NO. 95875		

ILLINOIS FED. AID PROJECT MX02(815)



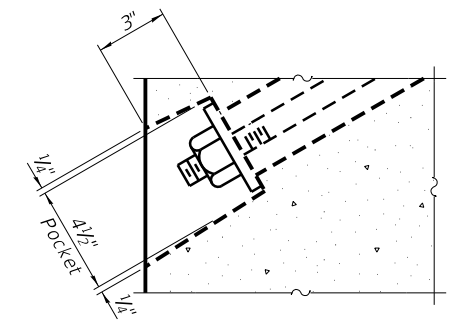
FABRIC BEARING PAD
(Interior)



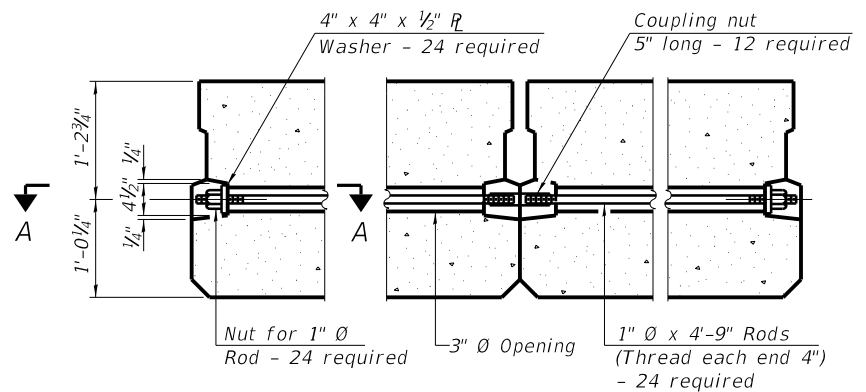
FABRIC BEARING PAD
(Exterior)

FIXED

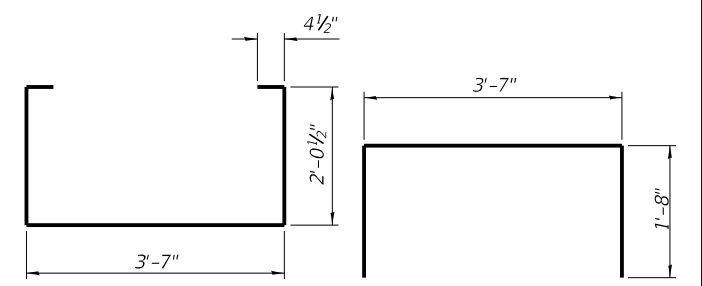
Notes:
All bearing pads shall be 1" thick.



SECTION A-A

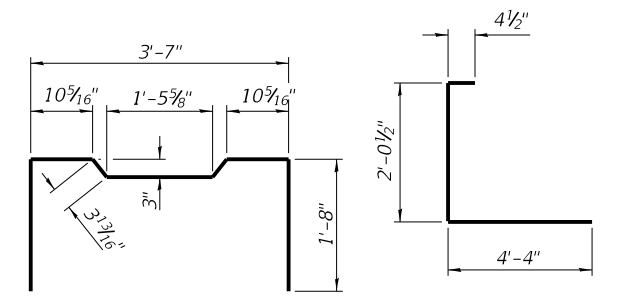


TYPICAL TRANSVERSE TIE ASSEMBLY



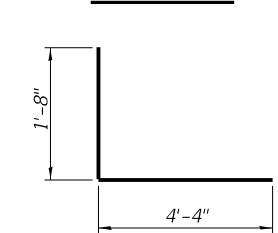
BAR S(E)

BAR S1(E)

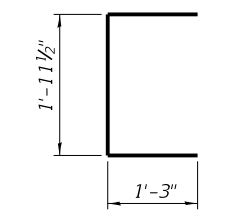


BAR S2(E)

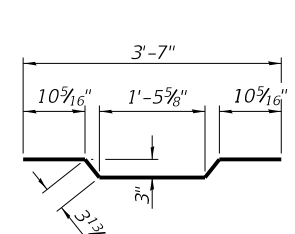
BAR S3(E)



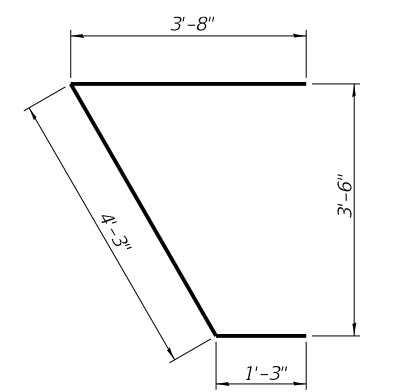
BAR S4(E)



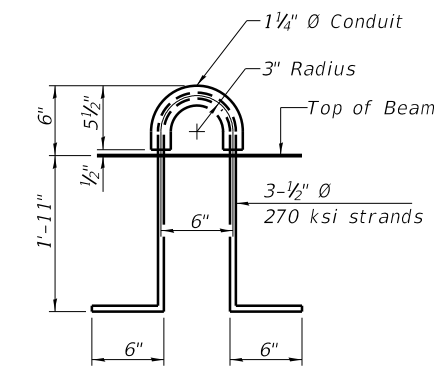
BAR U(E)



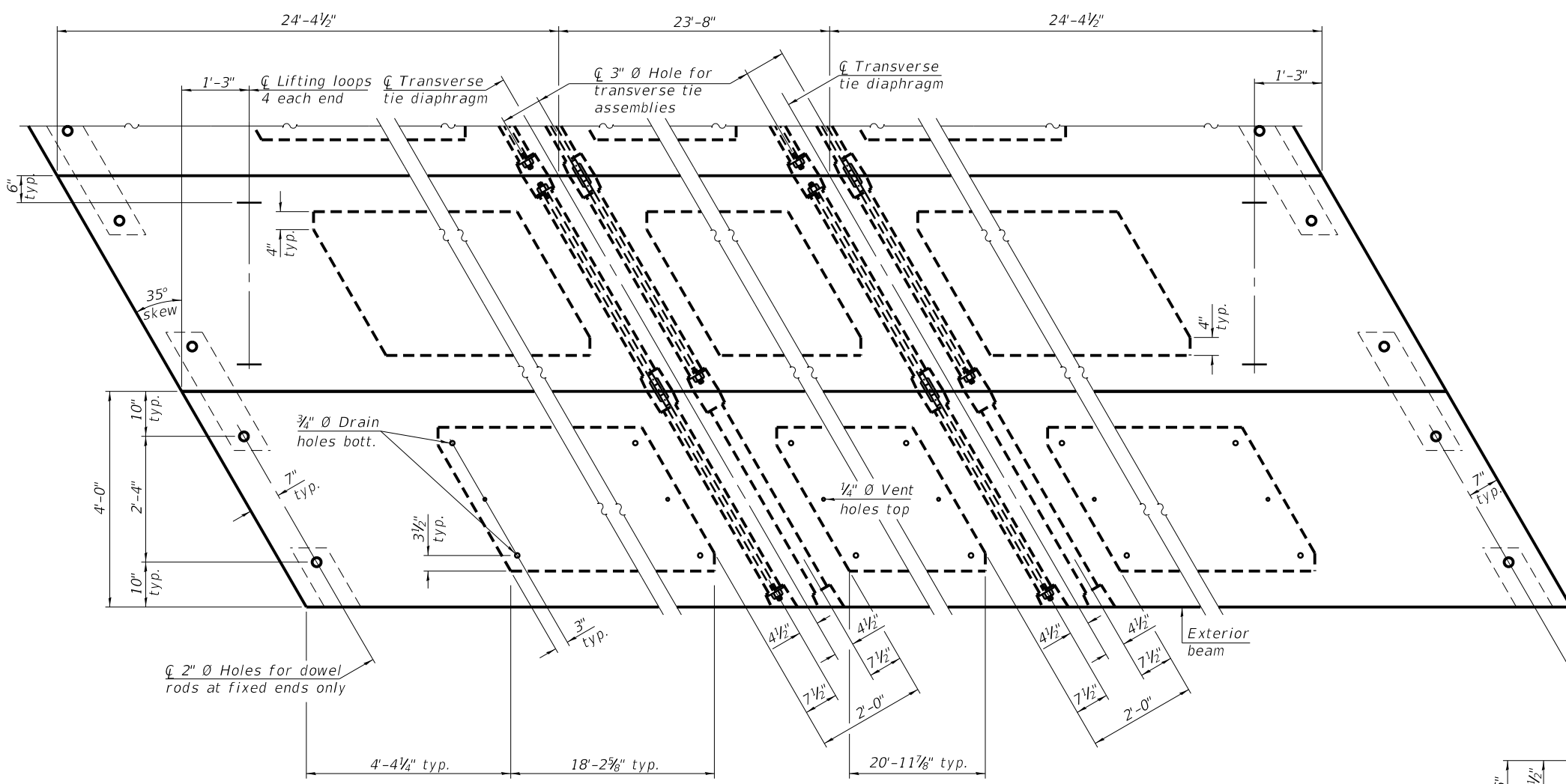
BAR A1(E)



BAR U1(E)



LIFTING LOOP DETAIL



PLAN VIEW

Note: Connect beams in pairs with the transverse tie configuration shown.

NOTES

Prestressing steel shall be uncoated high strength, low relaxation 7-wire strand, Grade 270. The nominal diameter shall be 1/2" and the nominal cross-sectional area shall be 0.153 sq. in. The 1" rods in the transverse tie assembly shall be tightened to a snug fit and the threads set. Pockets on exterior faces of bridge shall be filled with grout after transverse tie assembly is in place.

Two 1/8" fabric adjusting shims of the dimensions of the exterior bearing pad shall be provided for each bearing pad location.

A minimum 2 1/2" diameter lifting pin shall be used to engage the lifting loops during handling.

Corrosion Inhibitor, per Article 1020.05(b)(10) and 1021.07 of the Standard Specifications, shall be used in the concrete for precast prestressed concrete deck beams.

Compressive strength of prestressed concrete, f'c, shall be 6000 psi.

Compressive strength of prestressed concrete at release, f'ci, shall be 5000 psi.

BILL OF MATERIAL

Precast Prestressed Conc. Deck Bms. (27" depth)	Sq. Ft.	2028
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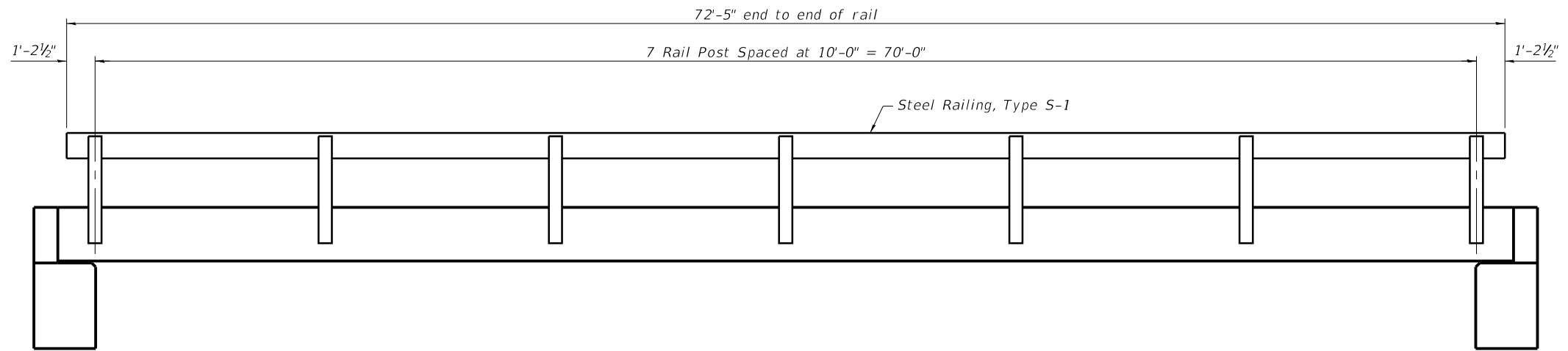
REVISED
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MARTIN TOWNSHIP
TR 68 OVER LITTLE CREEK

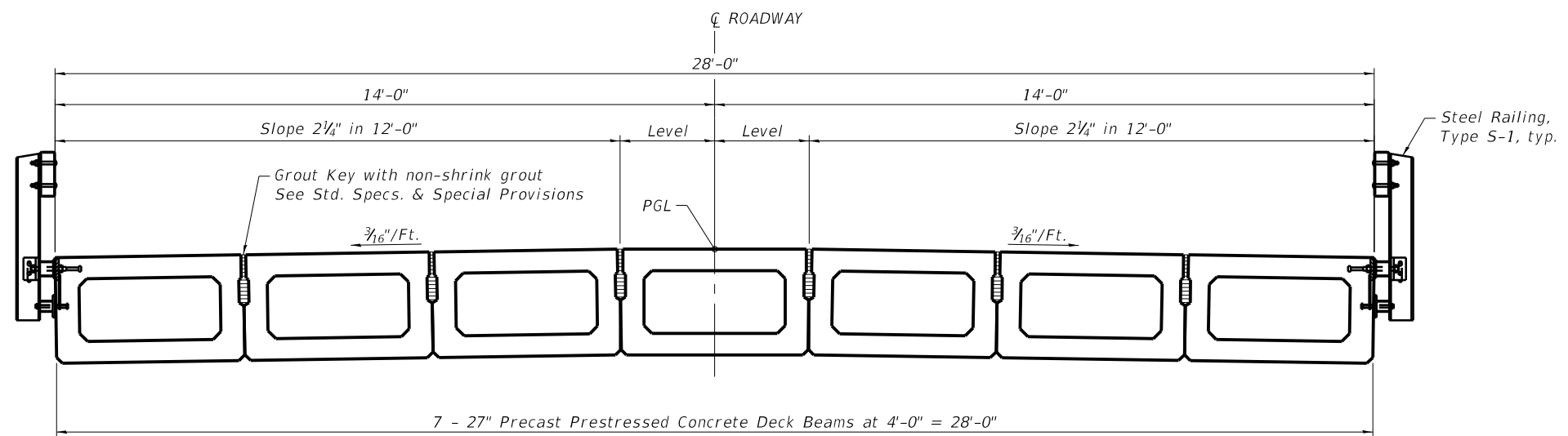
27" x 48" PPC DECK BEAM DETAILS
STRUCTURE NO. 017-3524

SHEET NO. 3 OF 9 SHEETS

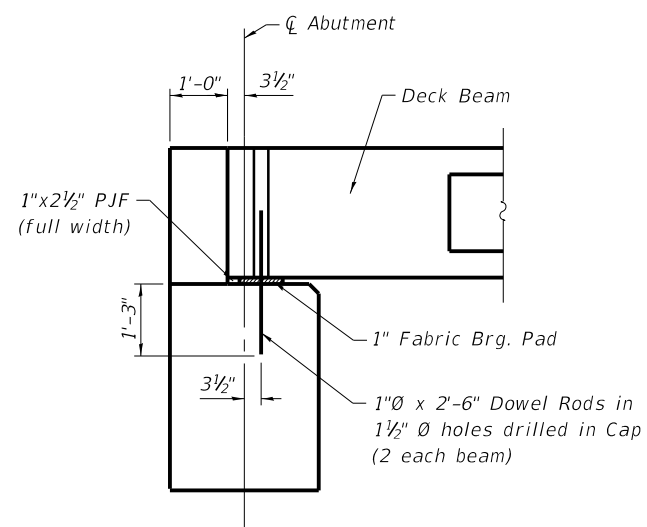
TR	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	14-05119-00-BR	CRAWFORD	48	20
MARTIN ROAD DISTRICT		CONTRACT NO. 95875		
ILLINOIS FED. AID PROJECT MX02(815)				



ELEVATION



CROSS SECTION



SECTION AT ABUTMENTS
(Dimensions are at Rt. L's)

FILE NAME = S:\Projects\414-0029-01Y TR 68 Over Little Creek\Bridges\Design\Final Design\0173508-004-Superstructure.dgn



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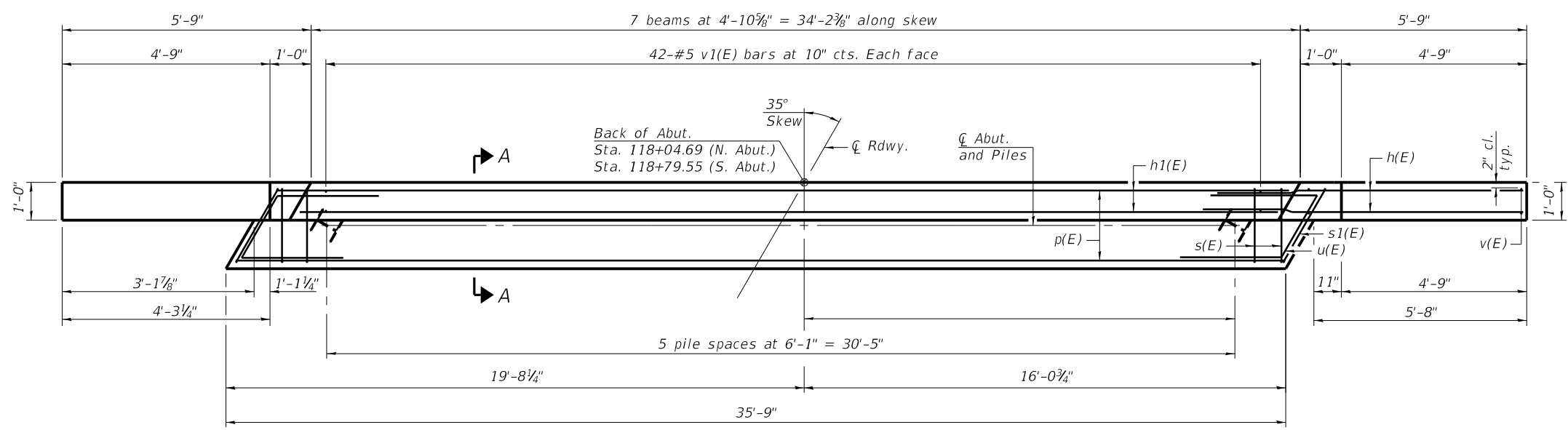
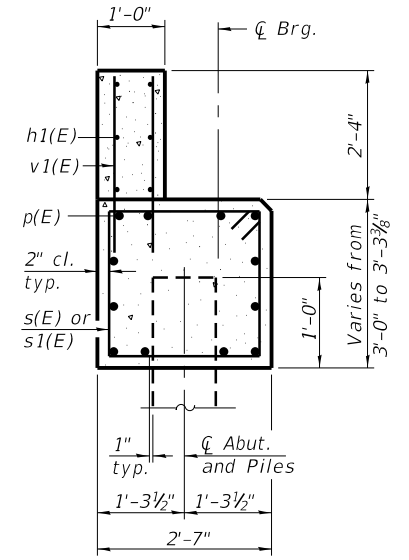
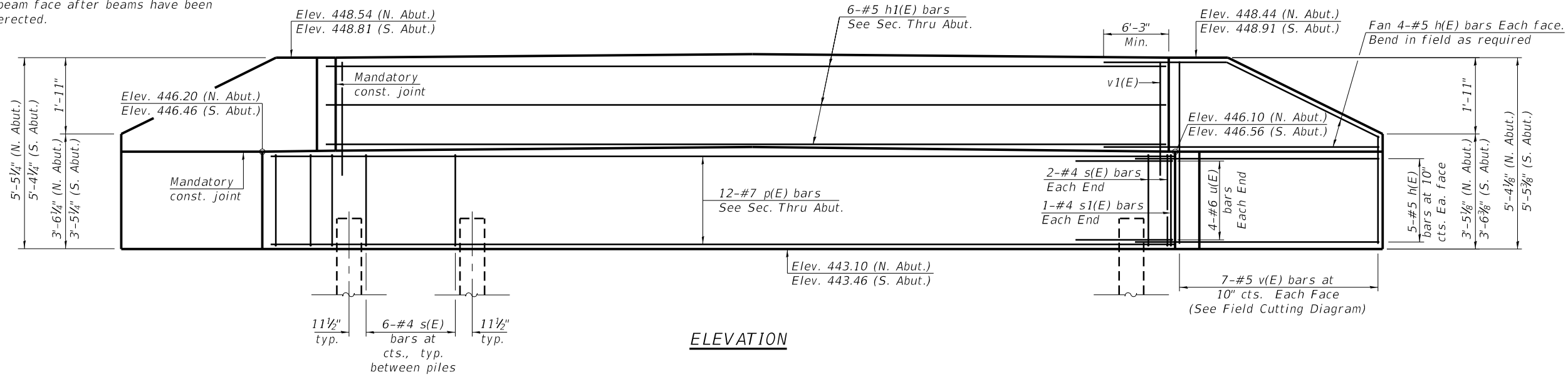
**MARTIN TOWNSHIP
TR 68 OVER LITTLE CREEK**

**SUPERSTRUCTURE DETAILS
STRUCTURE NO. 017-3524**

SHEET NO. 4 OF 9 SHEETS

TR	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	14-05119-00-BR	CRAWFORD	48	21
MARTIN ROAD DISTRICT			CONTRACT NO. 95875	
ILLINOIS FED. AID PROJECT MX02(815)				

* Cast top of wingwall flush with exterior beam face after beams have been erected.

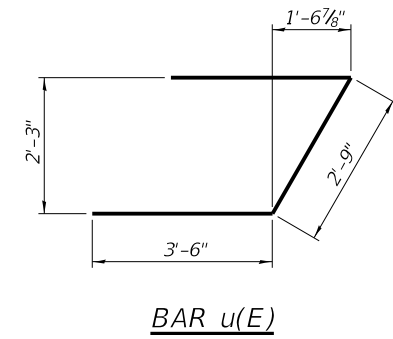
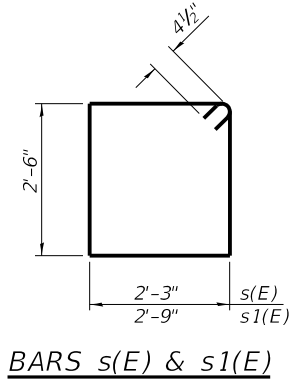
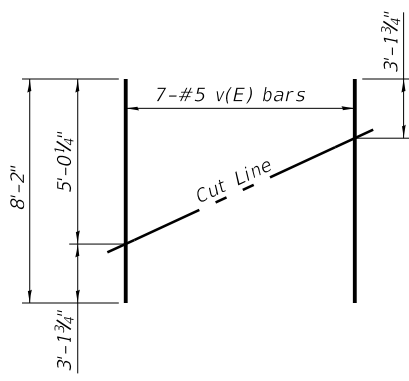


BILL OF MATERIAL FOR TWO ABUTMENTS

Bar	No.	Size	Length	Shape
h(E)	72	#5	12'-3"	—
h1(E)	12	#5	33'-11"	—
p(E)	24	#7	35'-4"	—
s(E)	68	#4	10'-3"	□
s1(E)	4	#4	11'-3"	□
u(E)	16	#6	9'-9"	┘
v(E)	28	#5	8'-2"	—
v1(E)	168	#5	3'-8"	—
Structure Excavation		Cu. Yd.	127	
Concrete Structures		Cu. Yd.	31	
Reinforcement Bars, Epoxy Coated		Pound	4689	
Furnishing Steel Piles, HP12x63		Foot	465	
Driving Piles		Foot	465	
Test Pile Steel, HP12x63		Each	2	

PILE DATA

Type: Steel HP12x63
 Nominal Required Bearing: 497 Kips
 Factored Resistance Available: 273 Kips
 Est. Length: 51 Ft. (N. Abut.) 42 Ft. (S. Abut.)
 No. Production Piles: 5 (Each Abut.)
 No. Test Piles: 1 (Each Abut.)



Notes:
 For details of piles, see sheet 7 of 9.
 Cast backwall after beams have been erected.

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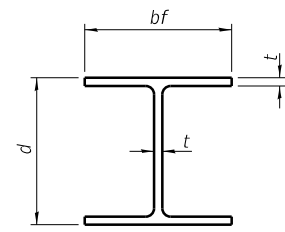
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MARTIN TOWNSHIP TR 68 OVER LITTLE CREEK

ABUTMENTS STRUCTURE NO. 017-3524

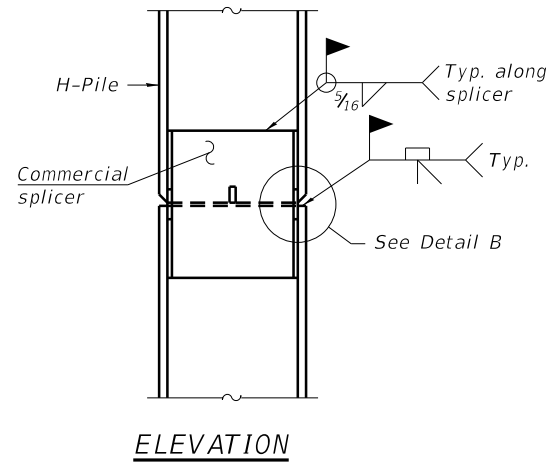
SHEET NO. 6 OF 9 SHEETS

TR	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	14-05119-00-BR	CRAWFORD	48	23
MARTIN ROAD DISTRICT			CONTRACT NO. 95875	
ILLINOIS FED. AID PROJECT MX02(R15)				

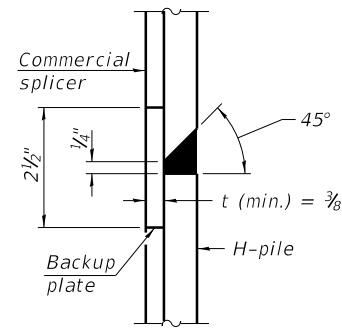


STEEL PILE TABLE

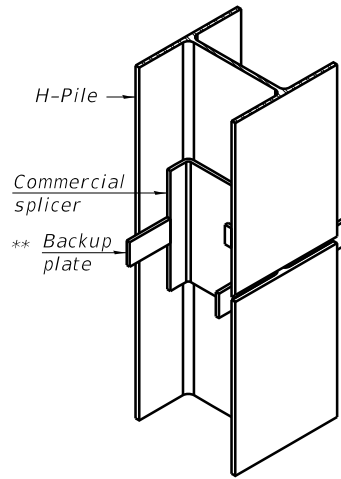
Designation	Depth d	Flange width bf	Web and Flange thickness t	Encasement diameter A
HP 14x117	14 1/4"	14 7/8"	1 3/16"	30"
x102	14"	14 3/4"	1 1/16"	30"
x89	13 7/8"	14 3/4"	5/8"	30"
x73	13 3/8"	14 3/8"	1/2"	30"
HP 12x84	12 1/4"	12 1/4"	1 1/16"	24"
x74	12 1/8"	12 1/4"	5/8"	24"
x63	12"	12 1/8"	1/2"	24"
x53	11 3/4"	12"	7/16"	24"
HP 10x57	10"	10 1/4"	9/16"	24"
x42	9 3/4"	10 1/8"	7/16"	24"
HP 8x36	8"	8 1/8"	7/16"	18"



ELEVATION

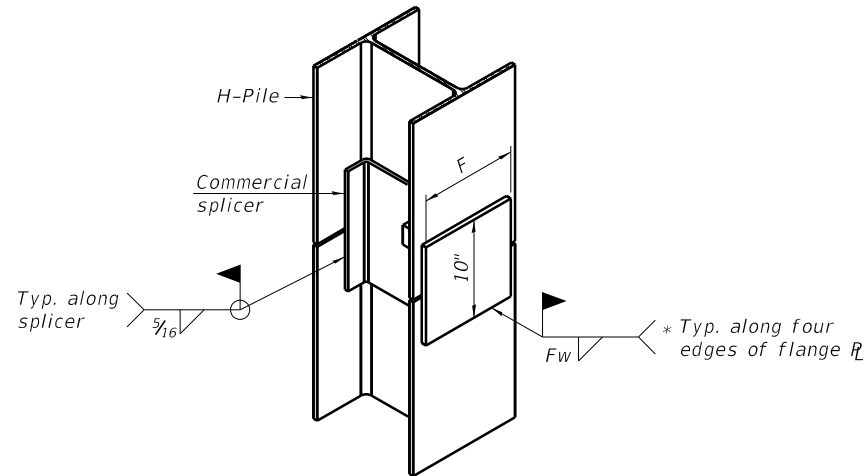


DETAIL "B"



ISOMETRIC VIEW

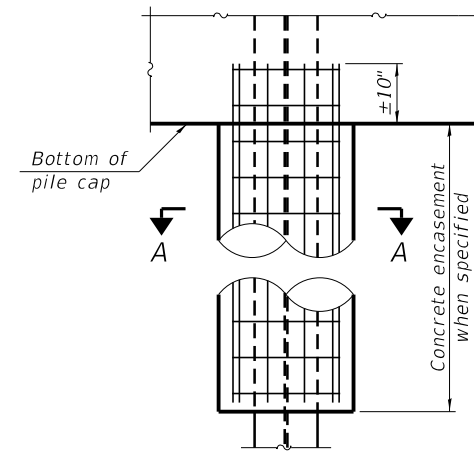
WELDED COMMERCIAL SPLICE



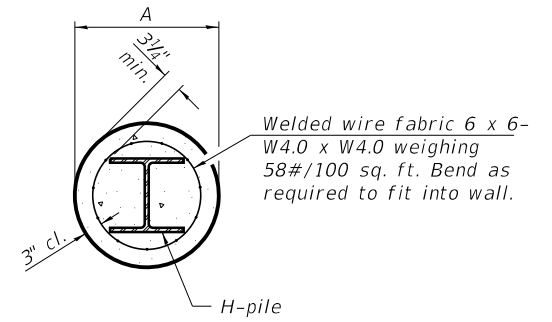
ISOMETRIC VIEW

WELDED COMMERCIAL SPLICE ALTERNATE

- * Interrupt welds 1/4" from end of web and/or each flange.
- ** Remove portions of backup plates that extend outside the flanges.
- *** Weld size per pile shoe manufacturer (5/16" min.).

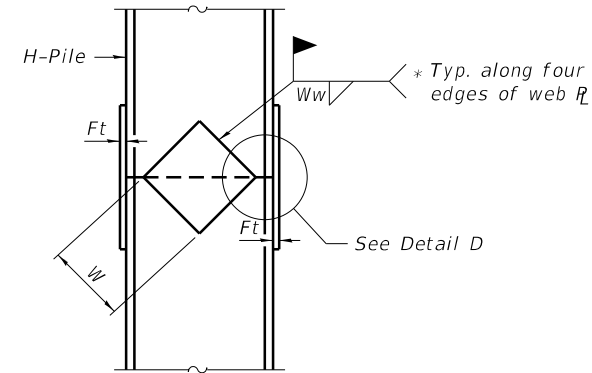


ELEVATION

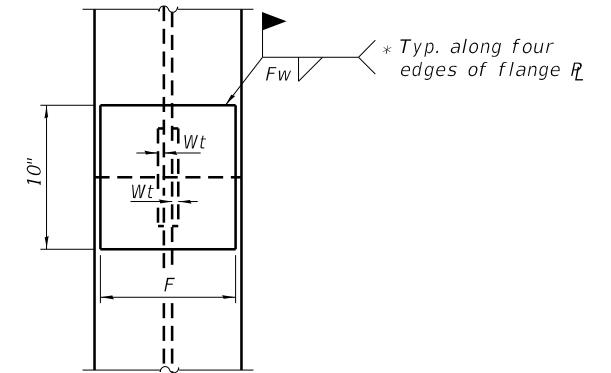


SECTION A-A

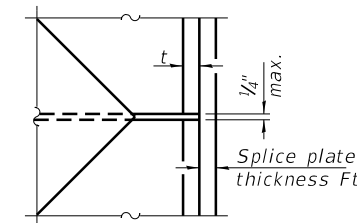
INDIVIDUAL PILE CONCRETE ENCASUREMENT
(Forms for encasement may be omitted when soil conditions permit).



ELEVATION



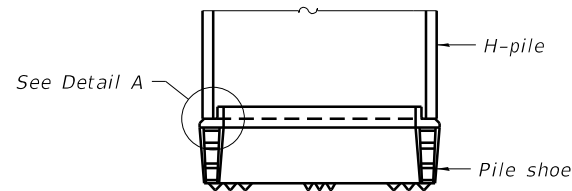
END VIEW



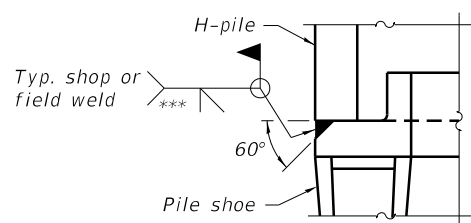
DETAIL D

WELDED PLATE FIELD SPLICE

Designation	F	Ft	Fw	W	Wt	Ww
HP 14x117	12 1/2"	1"	7/8"	7 3/4"	5/8"	1/2"
x102	12 1/2"	7/8"	3/4"	7 3/4"	5/8"	1/2"
x89	12 1/2"	3/4"	1 1/16"	7 3/4"	5/8"	1/2"
x73	12 1/2"	5/8"	9/16"	7 3/4"	5/8"	1/2"
HP 12x84	10"	7/8"	1 1/16"	6 1/2"	5/8"	1/2"
x74	10"	7/8"	1 1/16"	6 1/2"	5/8"	1/2"
x63	10"	5/8"	1/2"	6 1/2"	1/2"	3/8"
x53	10"	5/8"	1/2"	6 1/2"	1/2"	3/8"
HP 10x57	8"	3/4"	9/16"	5 1/4"	1/2"	3/8"
x42	8"	5/8"	9/16"	5 1/4"	1/2"	3/8"
HP 8x36	7"	5/8"	7/16"	4 1/4"	1/2"	3/8"



ELEVATION



DETAIL A

SHOE ATTACHMENT

Note:
The steel H-piles shall be according to AASHTO M270 Grade 50.

F-HP 8-11-2017



USER NAME =	desly
MODEL NAME =	SM 07
PLOT SCALE =	
PLOT DATE =	4/5/2020 1:23:56 PM

DESIGNED -	ACS
CHECKED -	JRG
DRAWN -	WS
CHECKED -	ACS

REVISED	
REVISED	
REVISED	
REVISED	

**MARTIN TOWNSHIP
TR 68 OVER LITTLE CREEK**

**HP PILE DETAILS
STRUCTURE NO. 017-3524**

SHEET NO. 7 OF 9 SHEETS

TR	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	14-05119-00-BR	CRAWFORD	48	24
MARTIN ROAD DISTRICT			CONTRACT NO. 95875	

ILLINOIS FED. AID PROJECT MX02(815)

FILE NAME = S:\Projects\14-05119-00-BR TR 68 Over Little Creek\Bridges\Final Design\0173524-007-HP Pile Details.dgn

HOLCOMB FOUNDATION ENGINEERING INC.
P.O. Box 88 618-529-5262
Carbondale, Il. 62903 618-457-8991 fax

Page 1 of 2

Bridge Foundation Boring Log

Project: H-14284 Bridge TR-68 over Little Creek Date: 12/8/14
Section: 14-05119-00-BR Station _____ Bored by: J. Carter
Structure: 017-3508 _____ Checked By: T. Holcomb
County: Crawford _____

Boring No: 1
Station: 18+21.00
Offset: 7.18 LT

Elevation	N	Qu tsf	w %	Surface Water Elev.	Elevation	N	Qu tsf	w %
445.6	0							
10" Crushed Stone								
Brown Mottled Gray Sandy CLAY (A-6)								
442.1	4	0.6B	20		-25	2	0.3B	19
Gray Mottled Brown Silty CLAY (A-6)								
439.1	3	0.7B	26			2	0.5B	17
Wood Debris								
437.1	60/3"	1.0B	19		-30	4	0.3B	15
Gray Mottled Brown Silty CLAY (A-6)								
431.6	8	0.3B	26			5	--	--
Gray Mottled Brown Sandy CLAY (A-6)								
426.1	8	--	18			5	--	--
Gray SHALE								
407.1	3	0.8B	28		-40	52	2.1S	11
Gray Mottled Brown Sandy CLAY (A-6)								
426.1	3	0.7B	31			100/3"	--	8
	6	0.8B	33			100/4"	--	11C

N = Standard Penetration Test Blows per foot to drive 2" O.D. Split Spoon Sampler 12" with a 140 lbs. hammer falling 30"
Qu - Unconfined Compressive Strength in tons/sq.ft.
w - Water Content - percentage of oven dry weight - %
B = Bulge Failure
S = Shear Failure
E = Estimated Value
P = Penetrometer

HOLCOMB FOUNDATION ENGINEERING INC.
P.O. Box 88 618-529-5262
Carbondale, Il. 62903 618-457-8991 fax

Page 2 of 2

Bridge Foundation Boring Log

Project: H-14284 Bridge TR-68 over Little Creek Date: 12/8/14
Section: 14-05119-00-BR Station _____ Bored by: J. Carter
Structure: 017-3508 _____ Checked By: T. Holcomb
County: Crawford _____

Boring No: 1
Station: 18+21.00
Offset: 7.18 LT

Elevation	N	Qu tsf	w %	Surface Water Elev.	Elevation	N	Qu tsf	w %
shale continued								
399.1	100/3"	--	11					
End of Boring @ -46.5'								
					-70			
					-50			
					-75			
					-55			
					-80			
					-60			
					-85			
					-65			

N = Standard Penetration Test Blows per foot to drive 2" O.D. Split Spoon Sampler 12" with a 140 lbs. hammer falling 30"
Qu - Unconfined Compressive Strength in tons/sq.ft.
w - Water Content - percentage of oven dry weight - %
B = Bulge Failure
S = Shear Failure
E = Estimated Value
P = Penetrometer

FILE NAME = S:\Projects\14-0029-01Y TR 68 Over Little Creek\Bridges\Boring\Final Design\017-3508-00B-Soil Borings.dgn



USER NAME = defsy
MODEL NAME = SM 08
PLOT SCALE =
PLOT DATE = 4/5/2020 1:23:57 PM

DESIGNED - ACS
CHECKED - JRG
DRAWN - WS
CHECKED - ACS

REVISED
REVISED
REVISED
REVISED

MARTIN TOWNSHIP
TR 68 OVER LITTLE CREEK

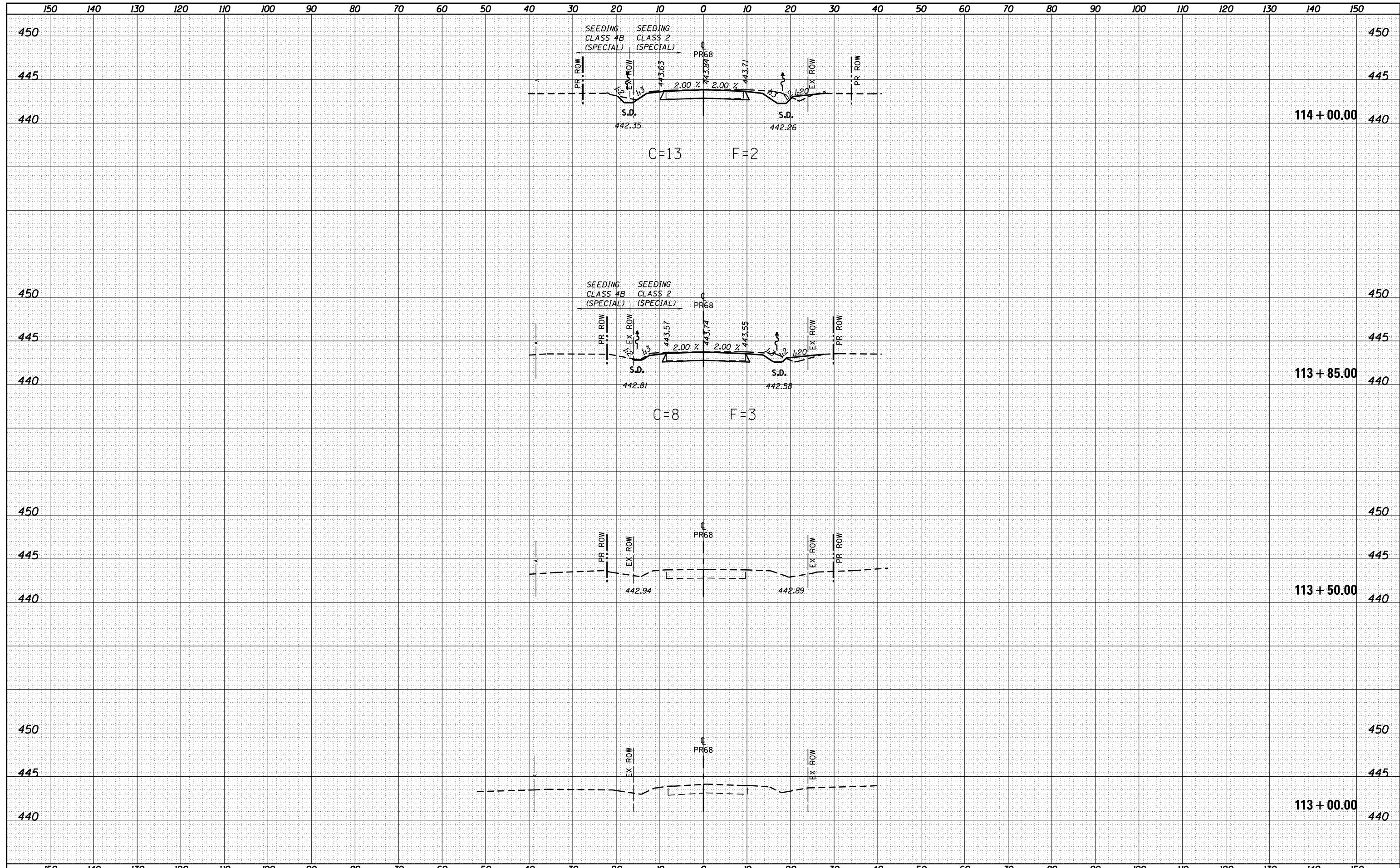
SOIL BORINGS
STRUCTURE NO. 017-3524

SHEET NO. 8 OF 9 SHEETS

TR	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	14-05119-00-BR	CRAWFORD	48	25
MARTIN ROAD DISTRICT		CONTRACT NO. 95875		
ILLINOIS FED. AID PROJECT MX02(815)				

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

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

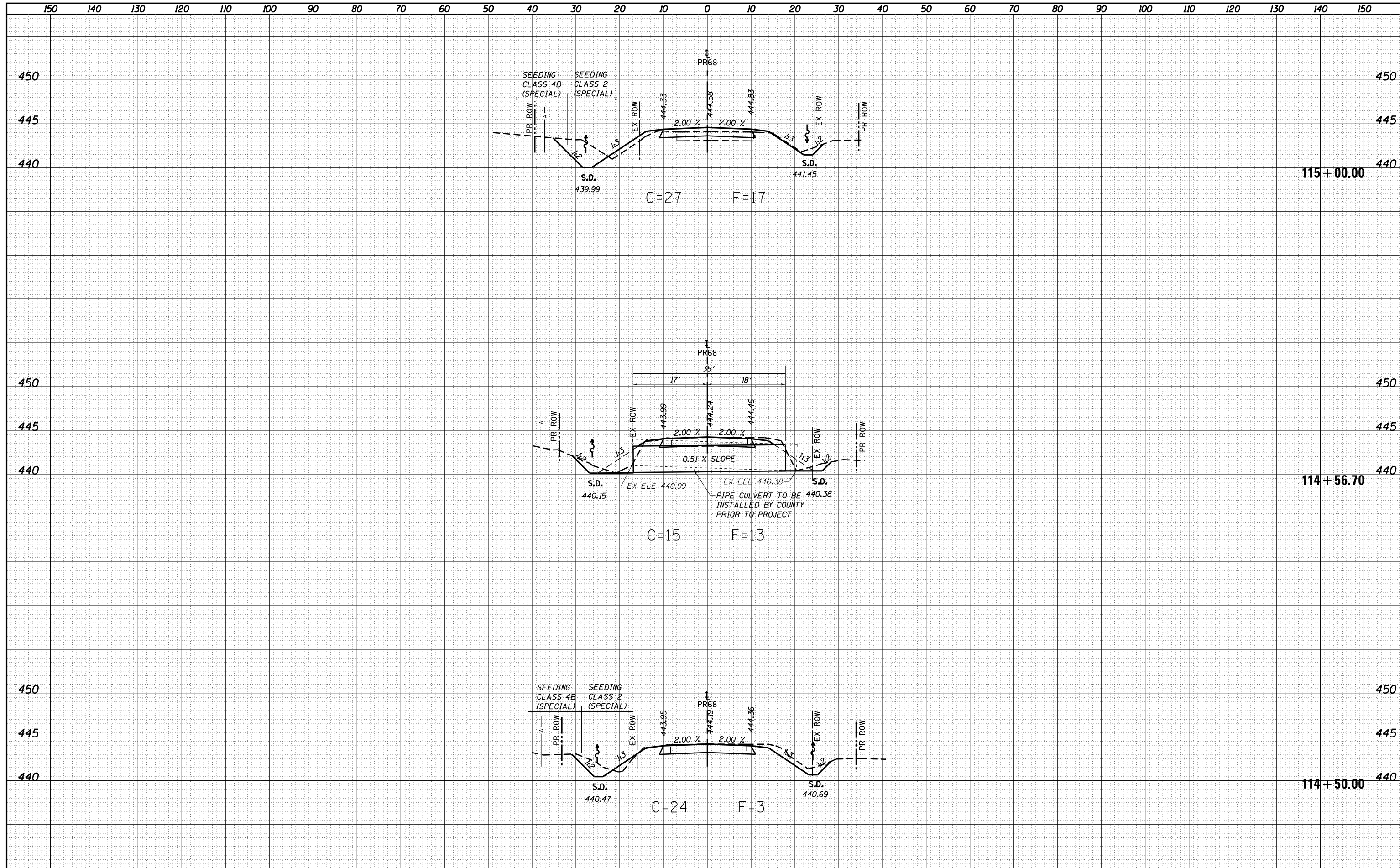


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Default		CHECKED - BRM	REVISED -		14-05119-00-BR	CRAWFORD	48	28	
		DATE - 9-30-15	REVISED -		CONTRACT NO. 95875			ILLINOIS FED. AID PROJECT MX02(815)	

SCALE: 1"=20' SHEET 2 OF 15 SHEETS STA. 113+00.00 TO STA. 114+00.00

DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
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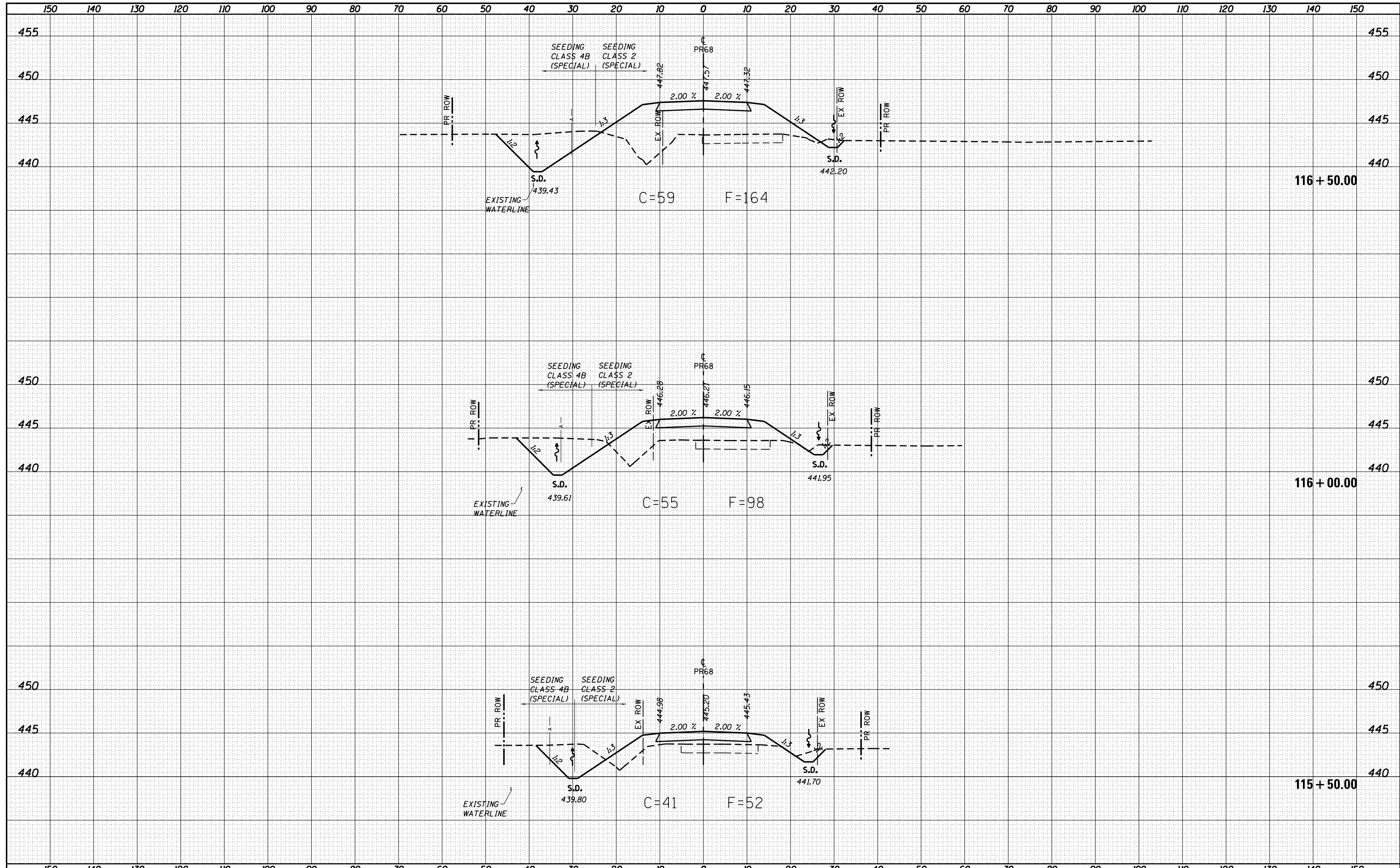
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BY	
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TEMPLATE	
AREAS	
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FILE NAME =	USER NAME = betsy	DESIGNED - ESW	REVISD -	MARTIN TOWNSHIP TR 68 OVER LITTLE CREEK	CROSS SECTIONS PROPOSED TR 68	SCALE: 1"=20' SHEET 3 OF 15 SHEETS STA. 114+50.00 TO STA. 115+00.00	R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S:\Projects\14-0029-0HY TR 68 Over Little Creek\dgn\CADD Sheets\sh1_PR68.dgn		DRAWN - LEC	REVISD -				14-05119-00-BR	CRAWFORD	48	29	
PLOT SCALE = 20.0000' / in.		CHECKED - BRM	REVISD -				CONTRACT NO. 95875				
Default		DATE - 9-30-15	REVISD -				ILLINOIS FED. AID PROJECT MX02(815)				

DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
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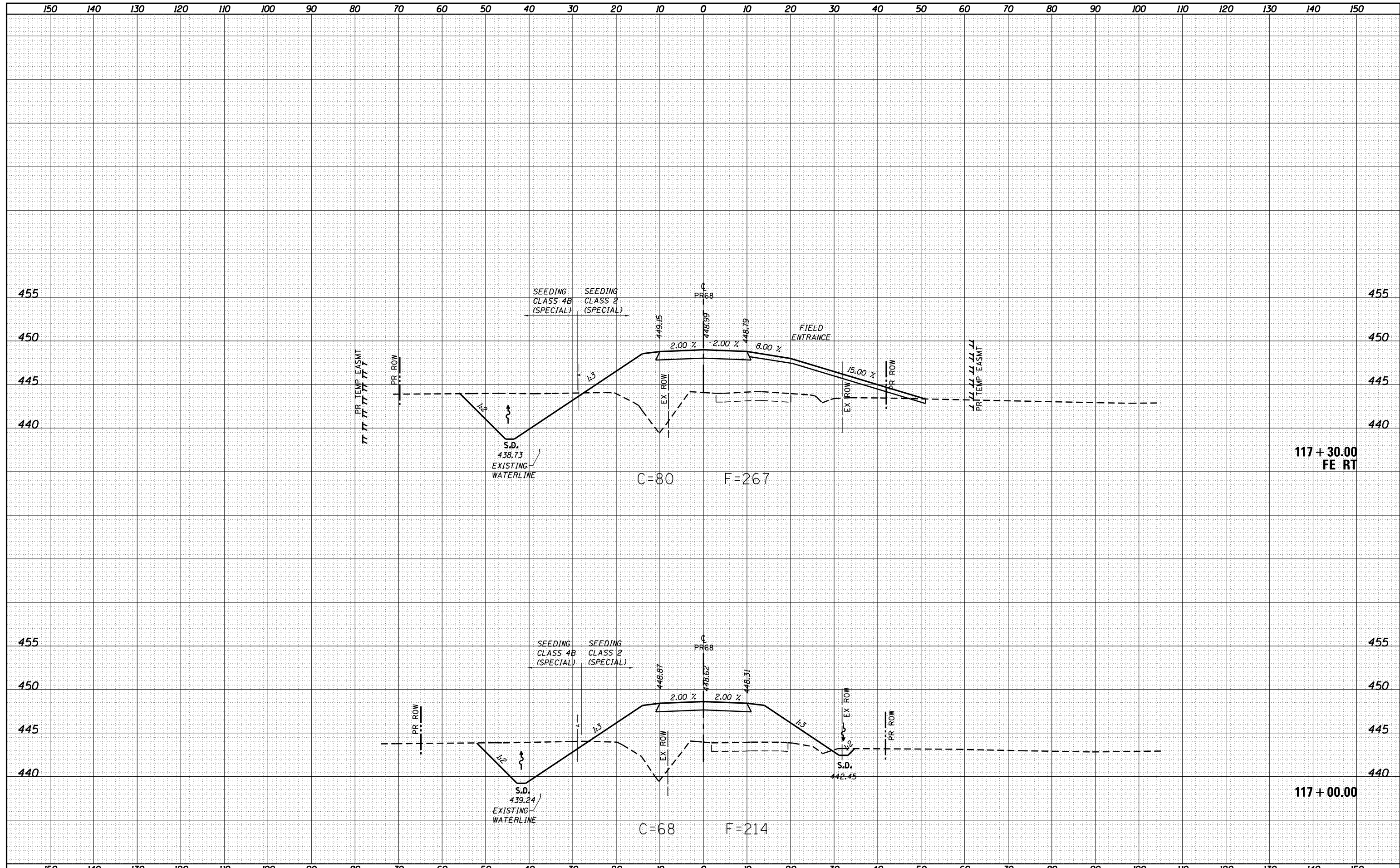
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BY	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
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FILE NAME =	USER NAME = betsy	DESIGNED - ESW	REVISED -	MARTIN TOWNSHIP TR 68 OVER LITTLE CREEK	CROSS SECTIONS PROPOSED TR 68	SCALE: 1"=20' SHEET 4 OF 15 SHEETS STA. 115+50.00 TO STA. 116+50.00	<table border="1"> <tr><td>RT.</td><td>SECTION</td><td>COUNTY</td><td>TOTAL SHEETS</td><td>SHEET NO.</td></tr> <tr><td>.</td><td>14-05119-00-BR</td><td>CRAWFORD</td><td>48</td><td>30</td></tr> <tr><td colspan="5">CONTRACT NO. 95875</td></tr> <tr><td colspan="5">ILLINOIS FED. AID PROJECT MX02(815)</td></tr> </table>	RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	.	14-05119-00-BR	CRAWFORD	48	30	CONTRACT NO. 95875					ILLINOIS FED. AID PROJECT MX02(815)				
RT.	SECTION	COUNTY	TOTAL SHEETS				SHEET NO.																				
.	14-05119-00-BR	CRAWFORD	48				30																				
CONTRACT NO. 95875																											
ILLINOIS FED. AID PROJECT MX02(815)																											
S:\Projects\14-0029-0HY TR 68 Over Little Creek\dgn\CADD Sheets\XSHL_PR68.dgn		DRAWN - LEC	REVISED -																								
PLOT SCALE = 20.0000' / in.		CHECKED - BRM	REVISED -																								
Default	PLOT DATE: 4/5/2020	DATE - 9-30-15	REVISED -																								

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

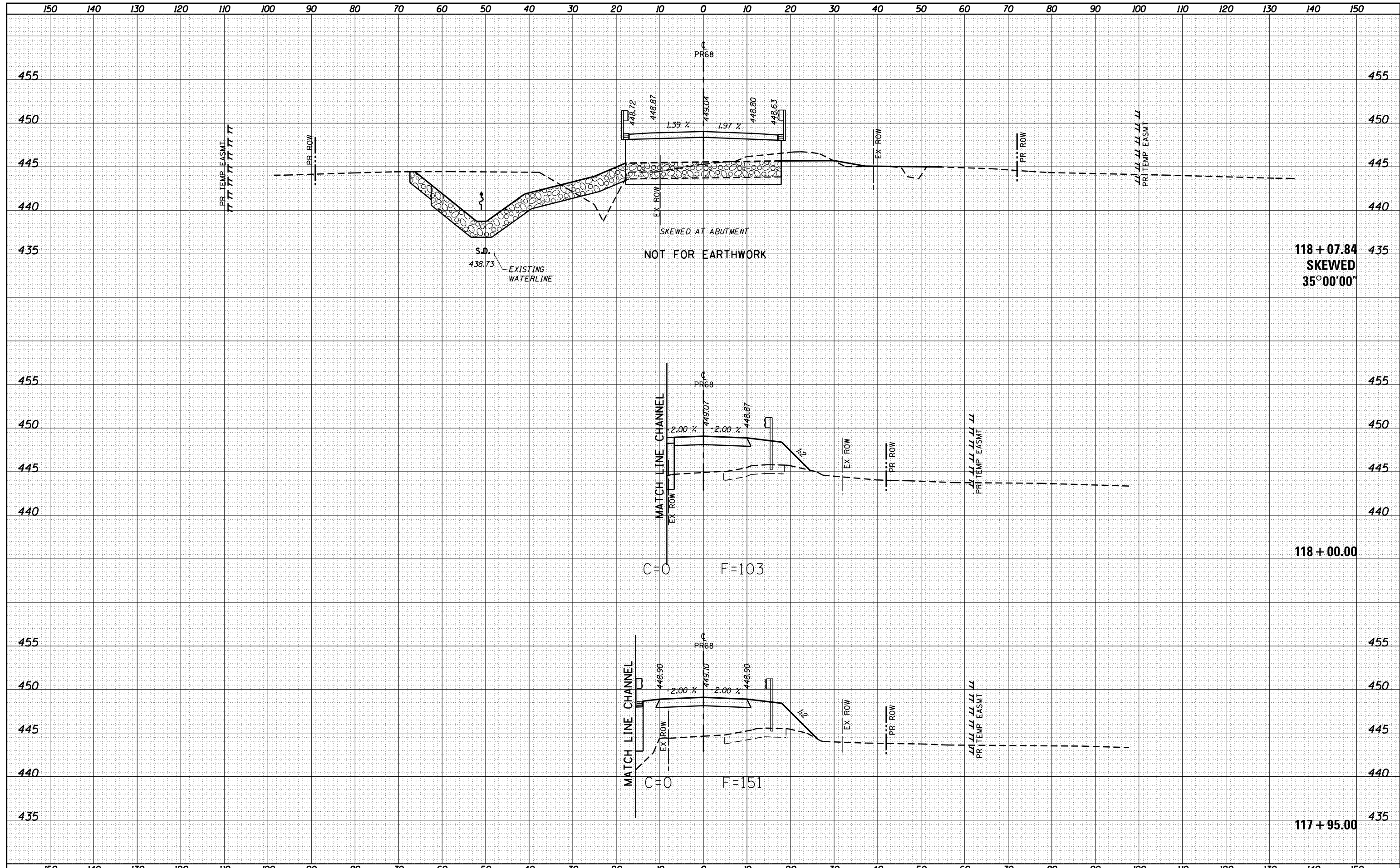
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BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED



FILE NAME =	USER NAME = betsy	DESIGNED - ESW	REVISIED -	MARTIN TOWNSHIP TR 68 OVER LITTLE CREEK	CROSS SECTIONS PROPOSED TR 68	SCALE: 1"=20' SHEET 5 OF 15 SHEETS STA. 117+00.00 TO STA. 117+30.03	<table border="1"> <tr><th>RT.</th><th>SECTION</th><th>COUNTY</th><th>TOTAL SHEETS</th><th>SHEET NO.</th></tr> <tr><td>•</td><td>14-05119-00-BR</td><td>CRAWFORD</td><td>48</td><td>31</td></tr> <tr><td colspan="5">CONTRACT NO. 95875</td></tr> </table>	RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	•	14-05119-00-BR	CRAWFORD	48	31	CONTRACT NO. 95875				
RT.	SECTION	COUNTY	TOTAL SHEETS				SHEET NO.															
•	14-05119-00-BR	CRAWFORD	48				31															
CONTRACT NO. 95875																						
S:\Projects\14-0029-0HY TR 68 Over Little Creek\dgn\CADD Sheets\XSHL_PR68.dgn	DRAWN - LEC	REVISIED -	ILLINOIS FED. AID PROJECT MX02(815)																			
Default	CHECKED - BRM	REVISIED -																				
	DATE - 9-30-15	REVISIED -																				

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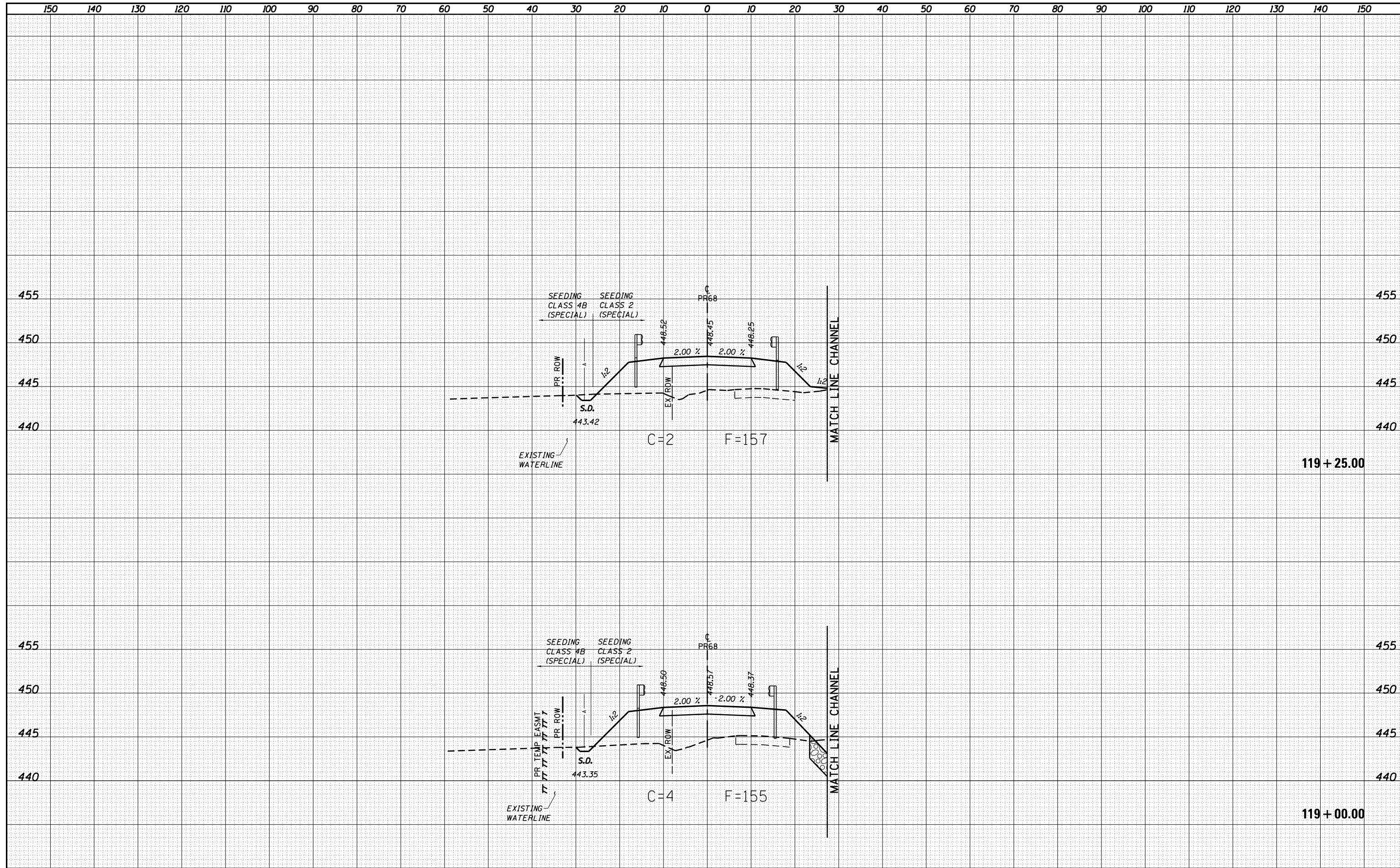
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BY	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	



FILE NAME =	USER NAME = betsy	DESIGNED - ESW	REVISED -	MARTIN TOWNSHIP TR 68 OVER LITTLE CREEK	CROSS SECTIONS PROPOSED TR 68	SCALE: 1"=20' SHEET 7 OF 15 SHEETS STA. 117+95.00 TO STA. 118+00.00	ILLINOIS FED. AID PROJECT MX02(815)
S:\Projects\414-0029-0HY TR 68 Over Little Creek\dgn\CADD Sheets\sheet_PR68.dgn	PLOT SCALE = 20.0000' / in.	DRAWN - LEC	REVISED -				
Default	PLOT DATE: 4/5/2020	CHECKED - BRM	REVISED -				
		DATE - 9-30-15	REVISED -				

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

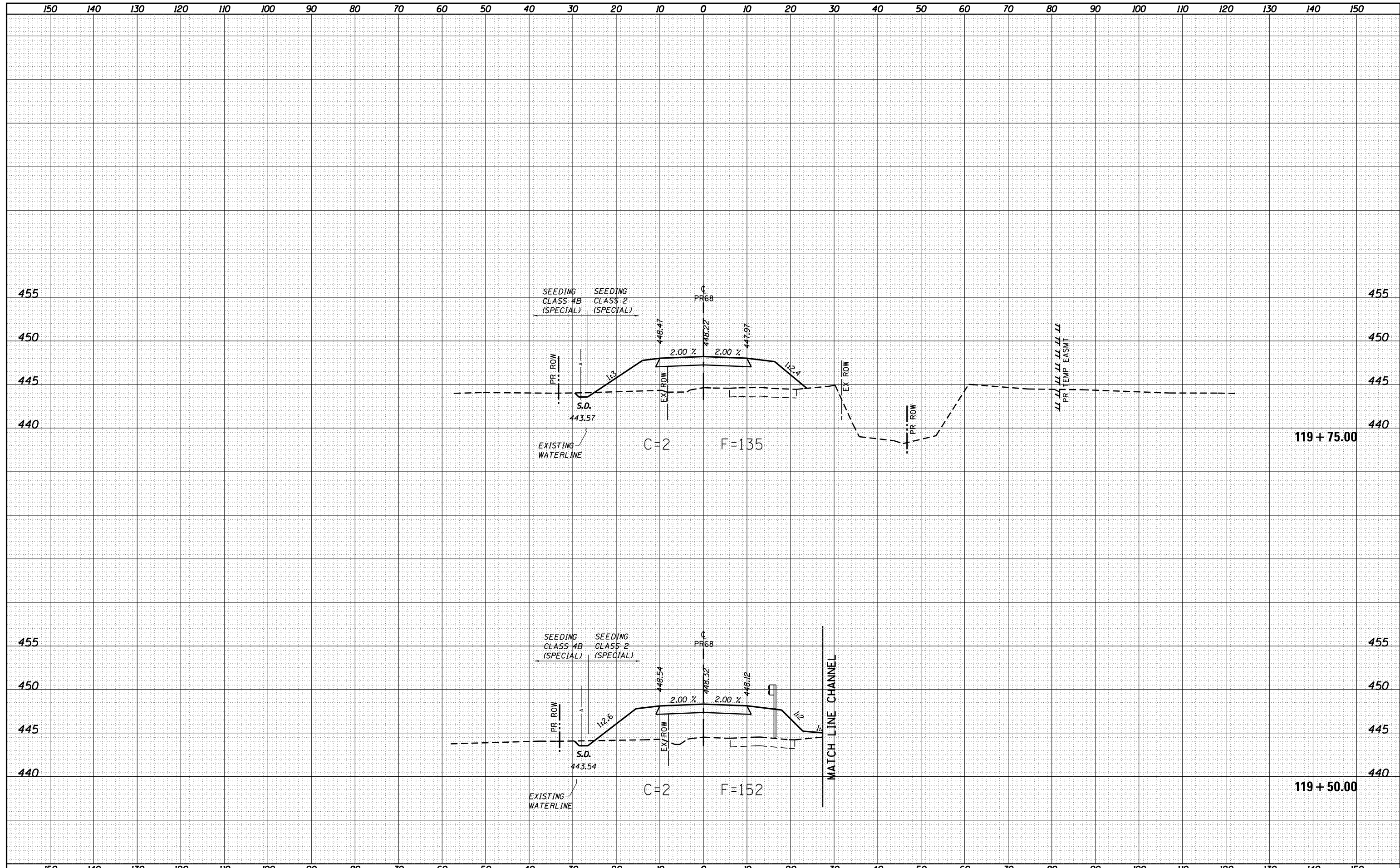
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BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED



FILE NAME =	USER NAME = betsy	DESIGNED - ESW	REVISED -	MARTIN TOWNSHIP TR 68 OVER LITTLE CREEK	CROSS SECTIONS PROPOSED TR 68	SCALE: 1"=20' SHEET 9 OF 15 SHEETS STA. 119+00.00 TO STA. 119+25.00	<table border="1"> <tr> <th>RTE.</th> <th>SECTION</th> <th>COUNTY</th> <th>TOTAL SHEETS</th> <th>SHEET NO.</th> </tr> <tr> <td>•</td> <td>14-05119-00-BR</td> <td>CRAWFORD</td> <td>48</td> <td>35</td> </tr> </table>	RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	•	14-05119-00-BR	CRAWFORD	48	35
RTE.	SECTION	COUNTY	TOTAL SHEETS				SHEET NO.										
•	14-05119-00-BR	CRAWFORD	48				35										
S:\Projects\14-0029-0HY TR 68 Over Little Creek\dgn\CADD Sheets\xshL_PR68.dgn	PLOT SCALE = 20.0000' / in.	DRAWN - LEC	REVISED -				CONTRACT NO. 95875										
Default	PLOT DATE = 4/5/2020	CHECKED - BRM	REVISED -	ILLINOIS FED. AID PROJECT MX02(815)													
		DATE - 9-30-15	REVISED -														

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

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

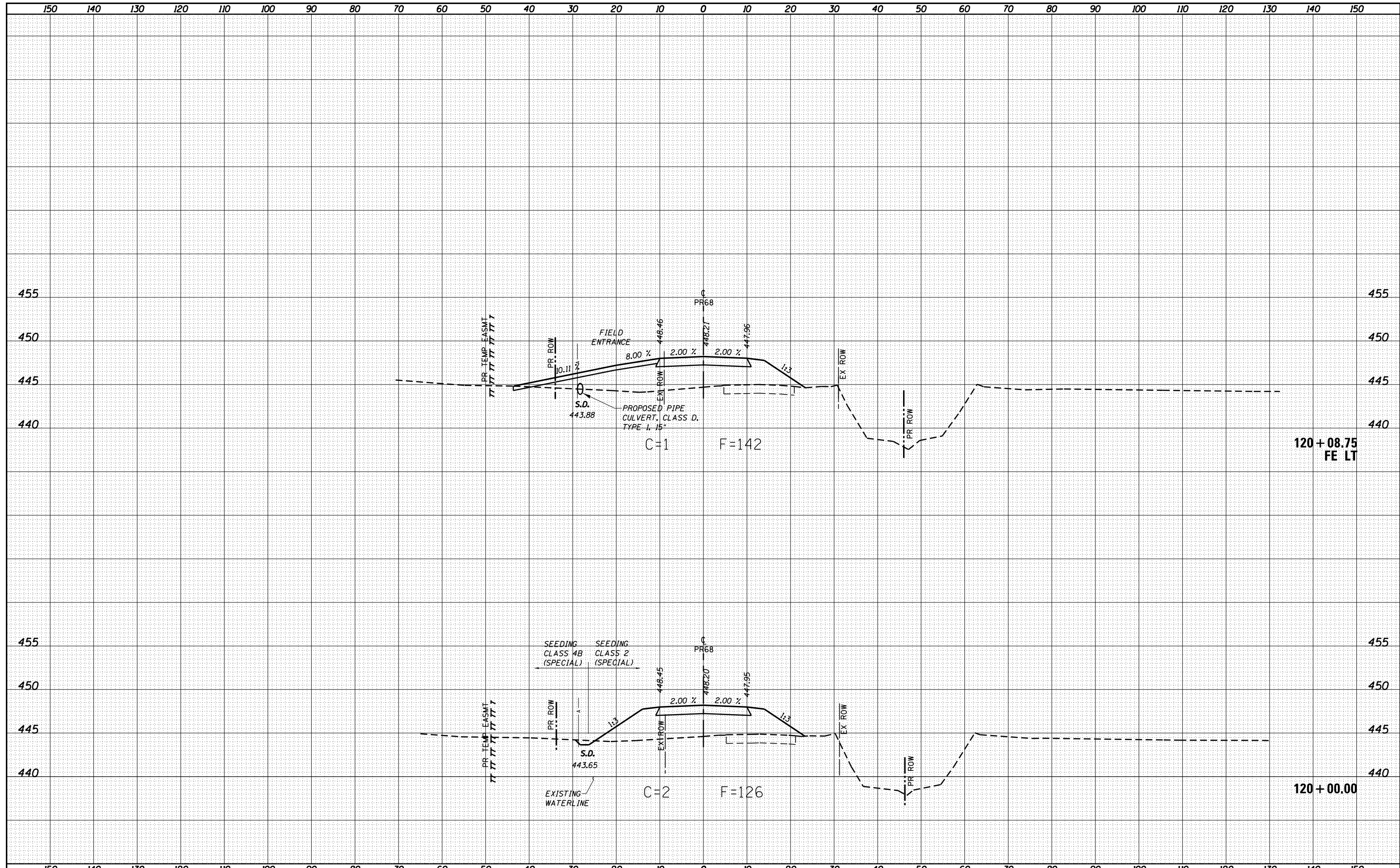


FILE NAME =	USER NAME = betsy	DESIGNED - ESW	REVISED -	MARTIN TOWNSHIP TR 68 OVER LITTLE CREEK	CROSS SECTIONS PROPOSED TR 68			•TR68
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Default		CHECKED - BRM	REVISED -					
		DATE - 9-30-15	REVISED -					

RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	14-05119-00-BR	CRAWFORD	48	36
CONTRACT NO. 95875				

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

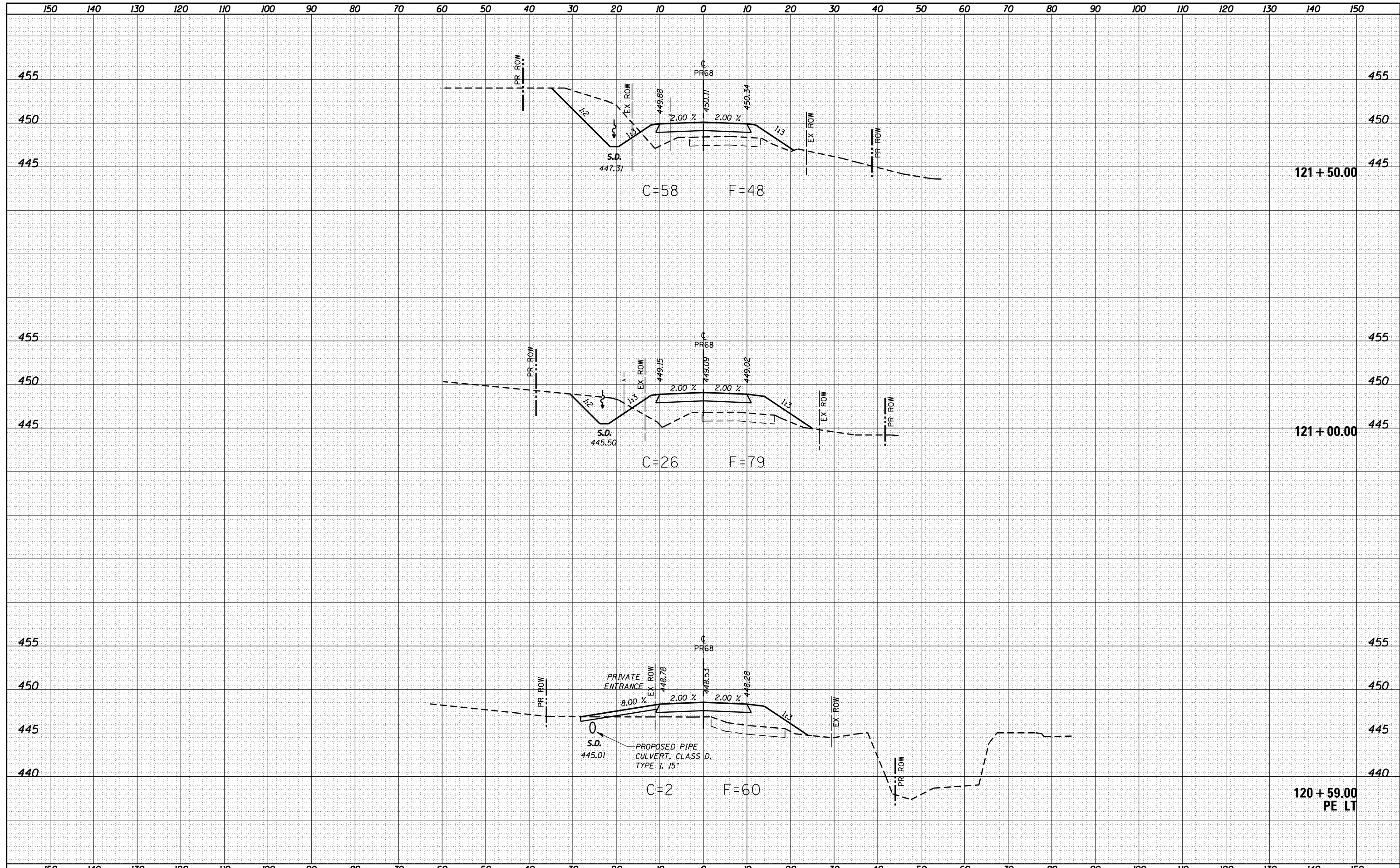
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BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED
	AREAS CHECKED



FILE NAME =	USER NAME = betsy	DESIGNED - ESW	REVISIED -	MARTIN TOWNSHIP TR 68 OVER LITTLE CREEK	CROSS SECTIONS PROPOSED TR 68	SCALE: 1"=20'	SHEET 11 OF 15 SHEETS	STA. 120+00.00 TO STA. 120+09.07
S:\Projects\414-0029-0HY TR 68 Over Little Creek\dgn\CADD Sheets\xsht_PR68.dgn	PLOT SCALE = 20.0000' / in.	DRAWN - LEC	REVISIED -			ILLINOIS FED. AID PROJECT MX02(815)		
Default	PLOT DATE: 4/5/2020	CHECKED - BRM	REVISIED -					
		DATE - 9-30-15	REVISIED -					

DATE	
BY	
ORIGINAL SURVEY	
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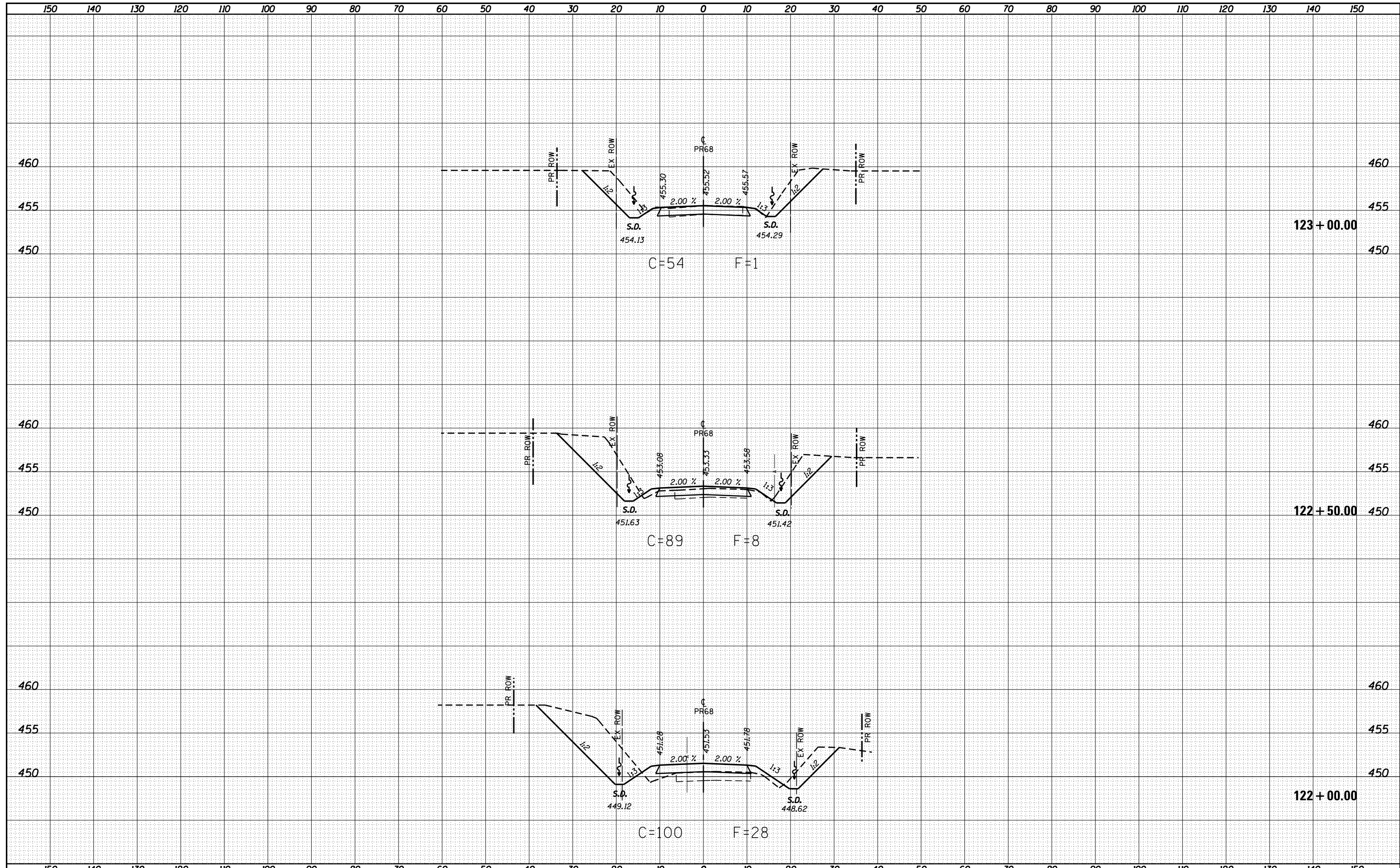
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FILE NAME =	USER NAME = betsy	DESIGNED - ESW	REVISED -	MARTIN TOWNSHIP TR 68 OVER LITTLE CREEK	CROSS SECTIONS PROPOSED TR 68	SCALE: 1"=20' SHEET 13 OF 15 SHEETS STA. 120+59.00 TO STA. 121+50.00	RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S:\Projects\414-0029-0HY TR 68 Over Little Creek\dgn\CADD Sheets\XshT_PR68.dgn	DRAWN - LEC	REVISED -	14-05119-00-BR				CRAWFORD	48	39		
Default	CHECKED - BRM	REVISED -	CONTRACT NO. 95875								
PLOT SCALE = 20.0000' / in.	DATE - 9-30-15	REVISED -	ILLINOIS FED. AID PROJECT MX02(815)								

DATE	
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PLOTTED	
TEMPLATE	
AREAS	
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FINAL SURVEY	
NOTE BOOK	
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DATE	
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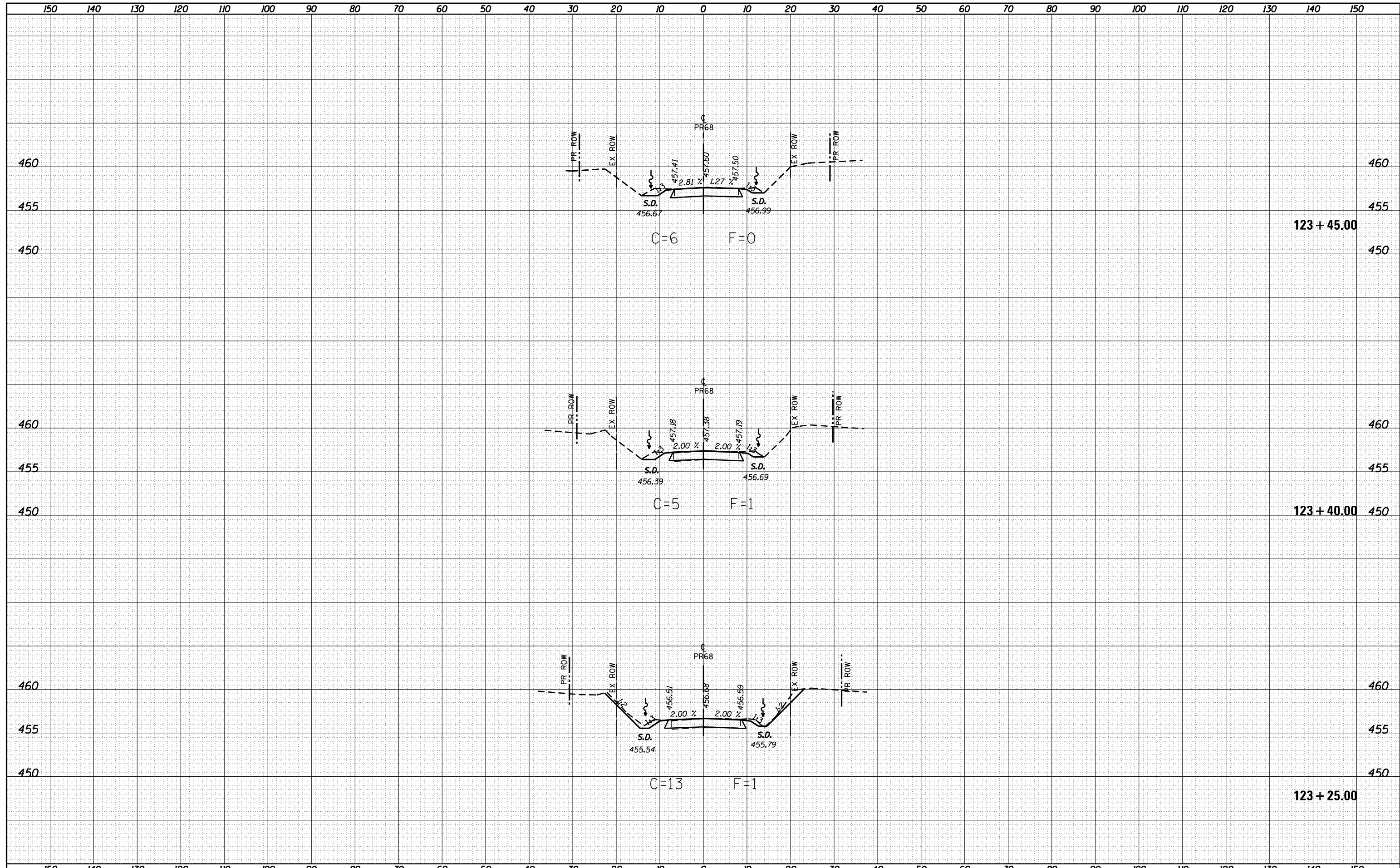


FILE NAME =	USER NAME = betsy	DESIGNED - ESW	REVISED -	MARTIN TOWNSHIP TR 68 OVER LITTLE CREEK	CROSS SECTIONS PROPOSED TR 68			•TR68	
S:\Projects\414-0029-0HY TR 68 Over Little Creek\dgn\CADD Sheets\shl_PR68.dgn		DRAWN - LEC	REVISED -		RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default		CHECKED - BRM	REVISED -		•	14-05119-00-BR	CRAWFORD	48	40
		DATE - 9-30-15	REVISED -		CONTRACT NO. 95875		ILLINOIS FED. AID PROJECT MX02(815)		

SCALE: 1"=20' SHEET 14 OF 15 SHEETS STA. 122+00.00 TO STA. 123+00.00

DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS	
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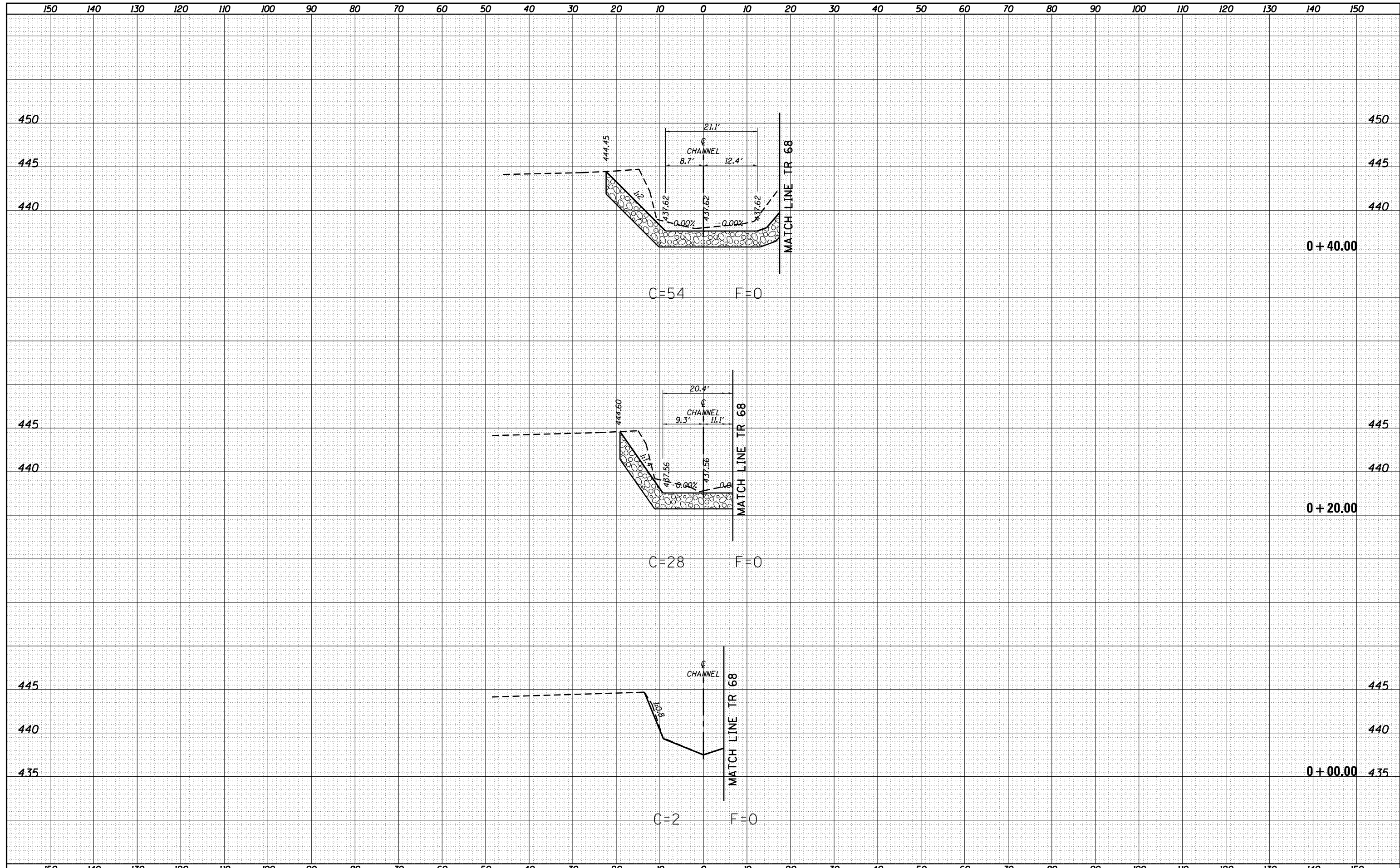
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S:\Projects\414-0029-0HY TR 68 Over Little Creek\dgn\CADD Sheets\xshL_PR68.dgn	DRAWN - LEC	REVISED -					
PLOT SCALE = 20.0000' / in.	CHECKED - BRM	REVISED -					
Default	DATE - 9-30-15	REVISED -					
				SECTION 14-05119-00-BR COUNTY CRAWFORD TOTAL SHEETS 48 SHEET NO. 41		CONTRACT NO. 95875	

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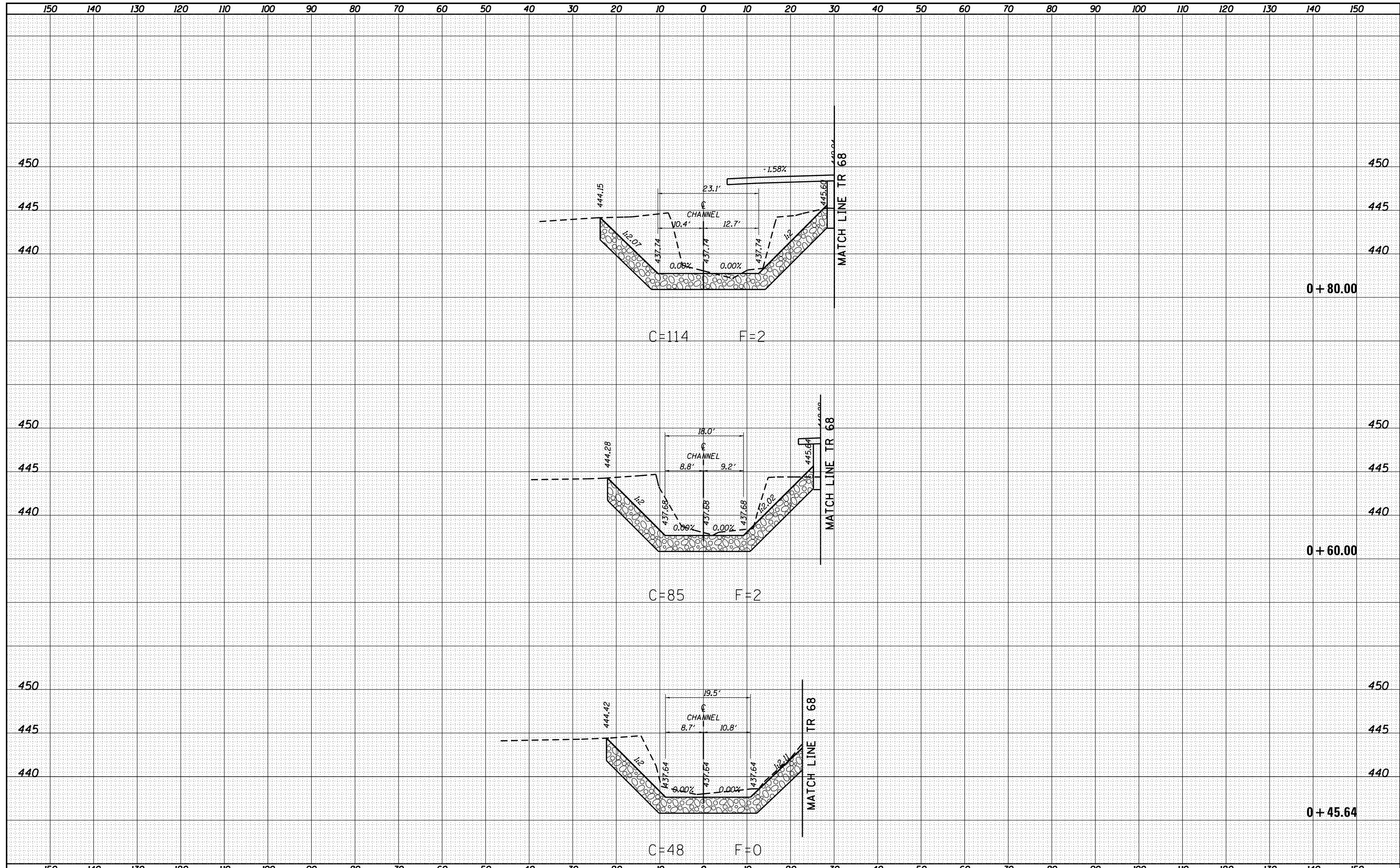
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NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED



FILE NAME =	USER NAME = betsy	DESIGNED - ESW	REVISED -	MARTIN TOWNSHIP TR 68 OVER LITTLE CREEK	CROSS SECTIONS PROPOSED CHANNEL				RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S:\Projects\414-0029-0HY TR 68 Over Little Creek\dgn\CADD Sheets\XSHL_PR68_Creek.dgn		DRAWN - LEC	REVISED -		14-05119-00.BR	CRAWFORD	48	42					
Default	PLOT SCALE = 20.0000' / in.	CHECKED - BRM	REVISED -		CONTRACT NO. 95875								
	PLOT DATE = 4/5/2020	DATE - 9-30-15	REVISED -		SCALE: 1"=20'	SHEET 1	OF 7 SHEETS	STA. +00.00	TO STA. +40.00	ILLINOIS FED. AID PROJECT	MX02(815)		

DATE	
BY	
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NOTE BOOK	
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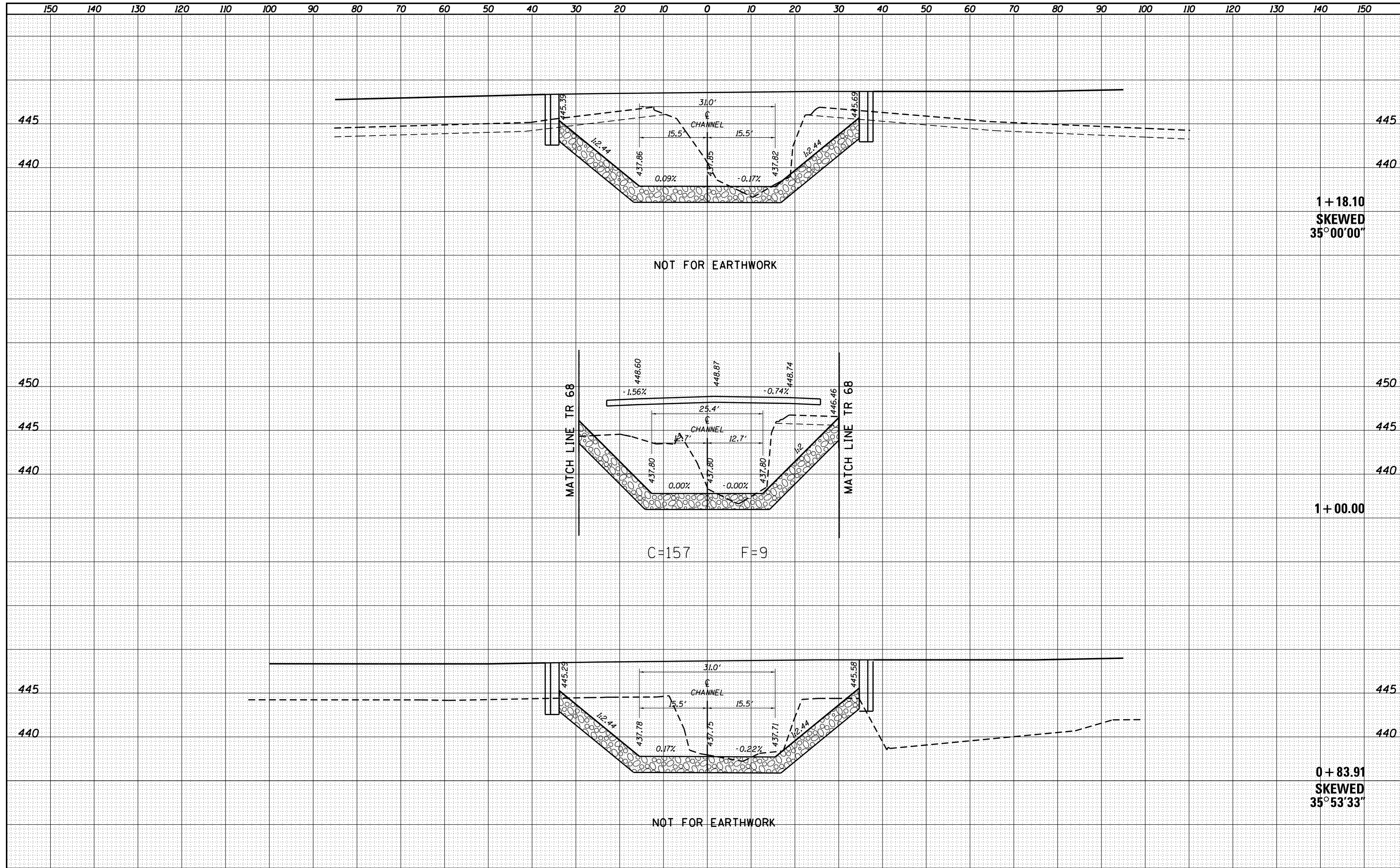
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NOTE BOOK	
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RE.	SECTION	COUNTY	TOTAL SHEETS						SHEET NO.															
.	14-05119-00-BR	CRAWFORD	48		43																			
CONTRACT NO. 95875																								
S:\Projects\14-0029-0HY TR 68 Over Little Creek\dgn\CADD Sheets\xshL_PR68_Creek.dgn	DRAWN - LEC	CHECKED - BRM	REVISED -	SCALE: 1"=20'	SHEET 2 OF 7 SHEETS	STA. +45.64	TO STA. +60.00	<table border="1"> <tr><td colspan="2">ILLINOIS FED. AID PROJECT</td><td>MX02(815)</td></tr> </table>	ILLINOIS FED. AID PROJECT		MX02(815)													
ILLINOIS FED. AID PROJECT		MX02(815)																						
Default	DATE - 4/5/2020	DATE - 1"=20'	REVISED -																					

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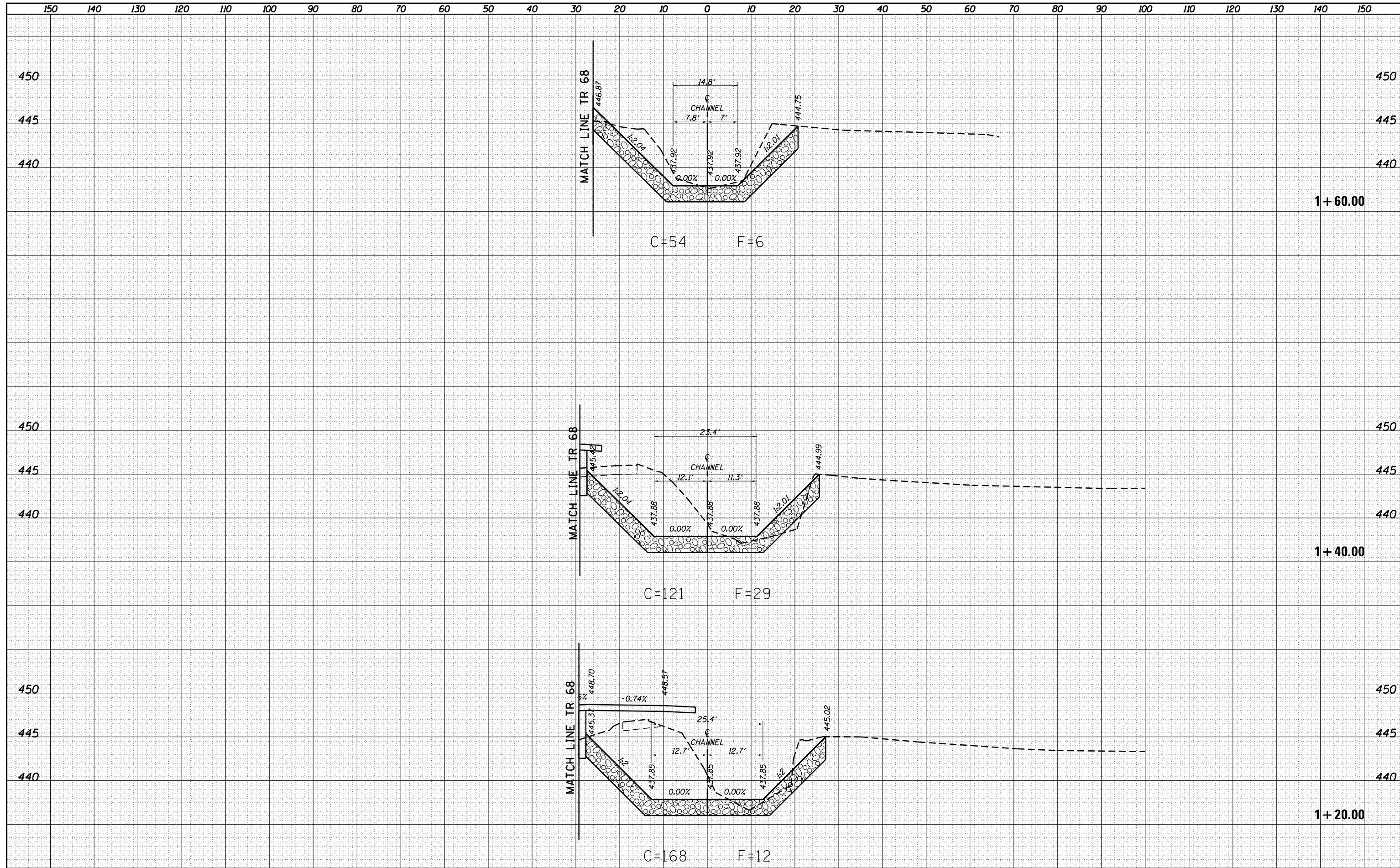
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BY	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	



FILE NAME =	USER NAME = betsy	DESIGNED - ESW	REVISED -	MARTIN TOWNSHIP TR 68 OVER LITTLE CREEK	CROSS SECTIONS PROPOSED CHANNEL			*TR68 R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S:\Projects\14-0029-0HY TR 68 Over Little Creek\dgn\CADD Sheets\XSHL_PR68_Creek.dgn		DRAWN - LEC	REVISED -		14-05119-00-BR	CRAWFORD	48	44				
PLOT SCALE = 20.0000' / in.		CHECKED - BRM	REVISED -		CONTRACT NO. 95875							
Default		DATE - 9-30-15	REVISED -		SCALE: 9-30-15	SHEET 3	OF 7 SHEETS	STA. 1+01.33 TO STA. 1+18.10	ILLINOIS FED. AID PROJECT MX02(815)			

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

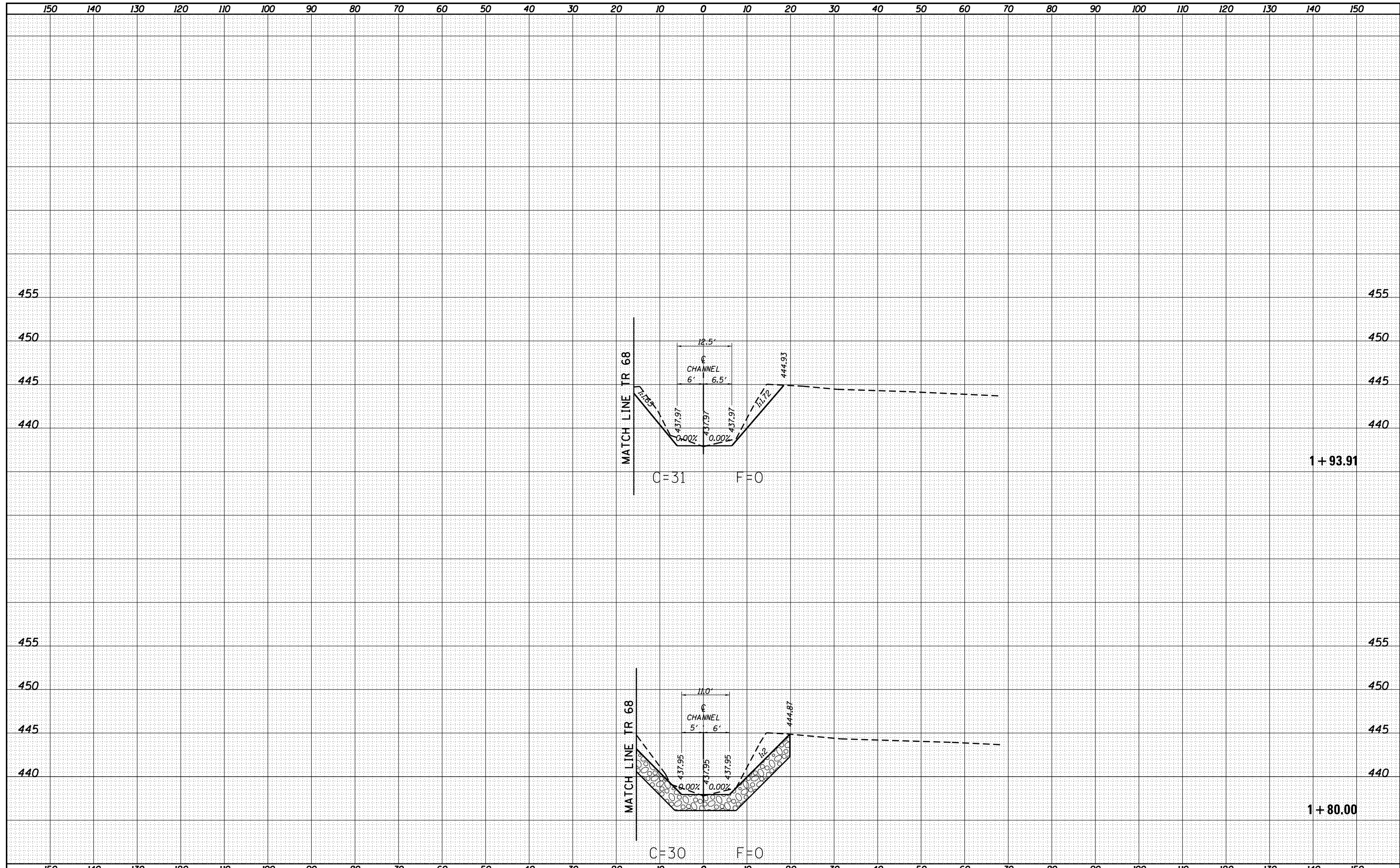
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BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED



FILE NAME =	USER NAME = betsy	DESIGNED - ESW	REVISED -	MARTIN TOWNSHIP TR 68 OVER LITTLE CREEK	CROSS SECTIONS PROPOSED CHANNEL			COUNTY CRAWFORD CONTRACT NO. 95875 ILLINOIS FED. AID PROJECT MX02(815)
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Default		CHECKED - BRM	REVISED -		SCALE: 1"=20' SHEET 4 OF 7 SHEETS STA. 1+20.00 TO STA. 1+60.00			
		DATE - 9-30-15	REVISED -					

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

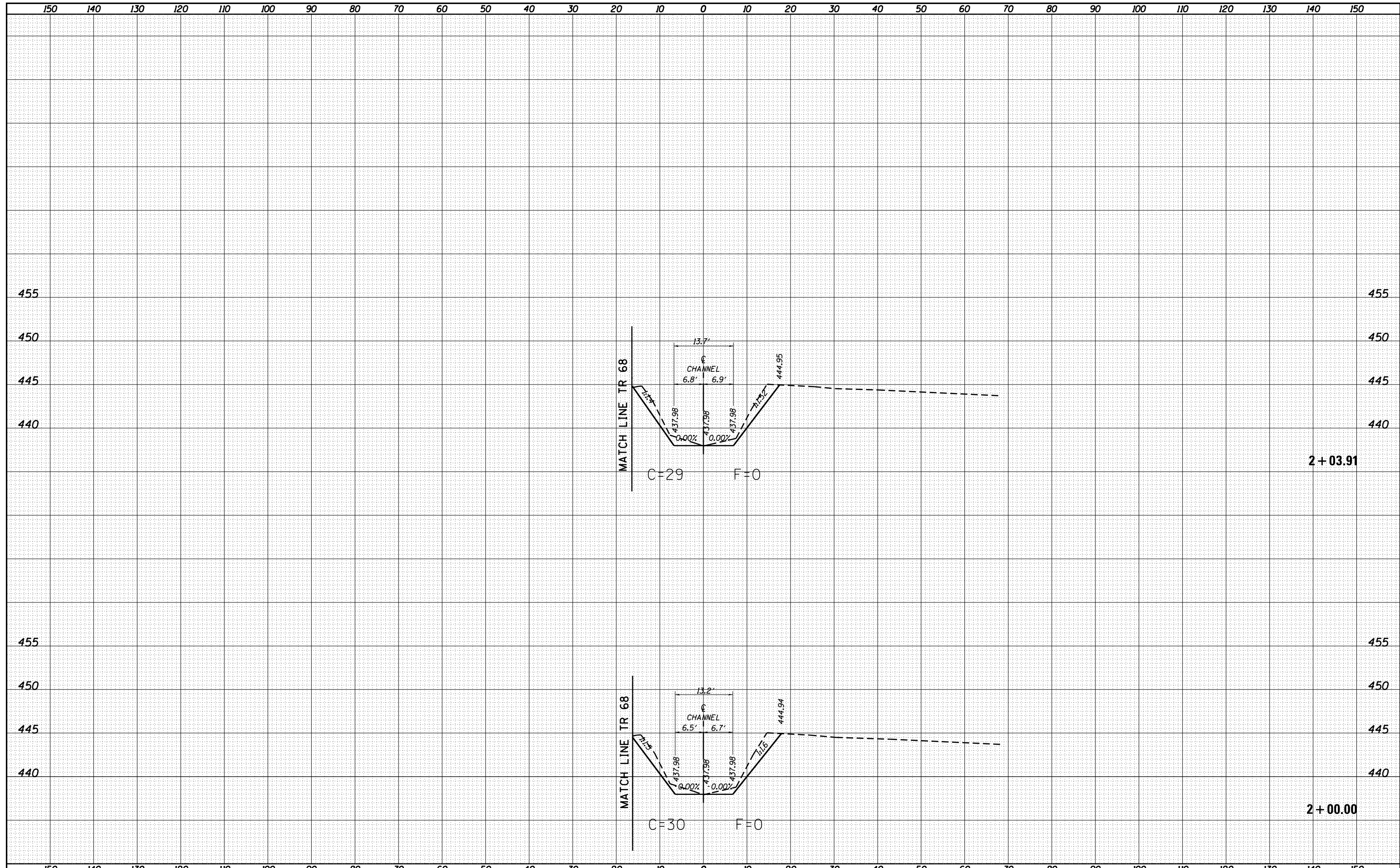
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BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
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FILE NAME =	USER NAME = betsy	DESIGNED - ESW	REVISED -	MARTIN TOWNSHIP TR 68 OVER LITTLE CREEK	CROSS SECTIONS PROPOSED CHANNEL			RT. SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S:\Projects\14-0029-0HY TR 68 Over Little Creek\dgn\CADD Sheets\xshL_PR68_Creek.dgn		DRAWN - LEC	REVISED -		14-05119-00-BR	CRAWFORD	48	46			
Default		CHECKED - BRM	REVISED -		CONTRACT NO. 95875						
		DATE - 9-30-15	REVISED -		ILLINOIS FED. AID PROJECT MX02(815)						

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

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



FILE NAME =	USER NAME = betsy	DESIGNED - ESW	REVISED -	MARTIN TOWNSHIP TR 68 OVER LITTLE CREEK	CROSS SECTIONS PROPOSED CHANNEL			•TR68	
S:\Projects\414-0029-0HY TR 68 Over Little Creek\dgn\CADD Sheets\xshL_PR68.Creek.dgn		DRAWN - LEC	REVISED -		RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default		CHECKED - BRM	REVISED -		•	14-05119-00-BR	CRAWFORD	48	47
		DATE - 9-30-15	REVISED -		CONTRACT NO. 95875		ILLINOIS FED. AID PROJECT MX02(815)		

SCALE: 1"=20' SHEET 6 OF 7 SHEETS STA. 2+00.00 TO STA. 2+03.91

