

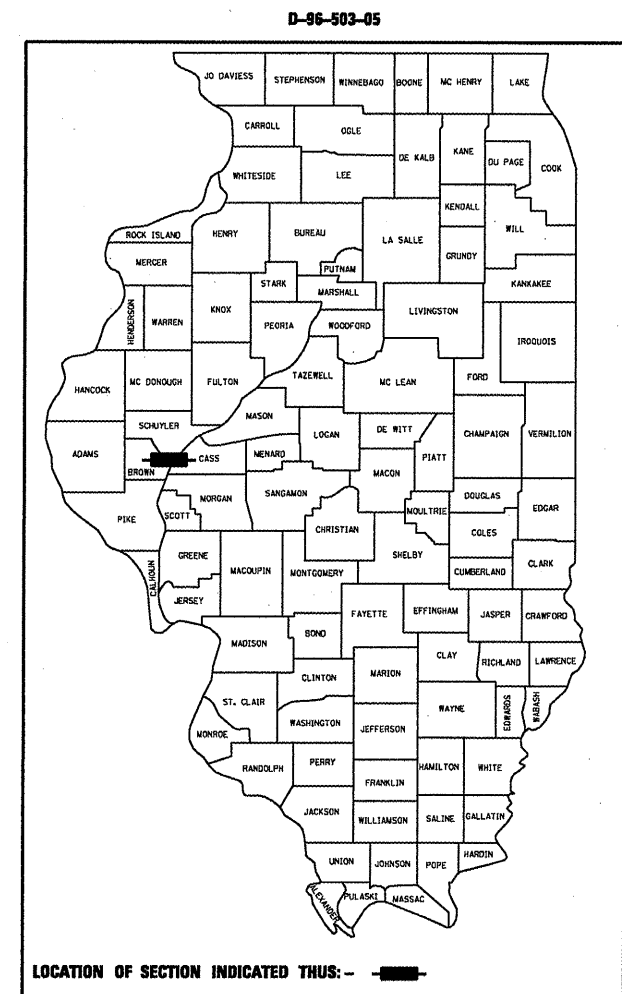
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	BROWN	174	1

- LAGRANGE WETLAND BANK
- D6 WETLAND MITIGATION 3

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS  
**PROPOSED  
 HIGHWAY PLANS**

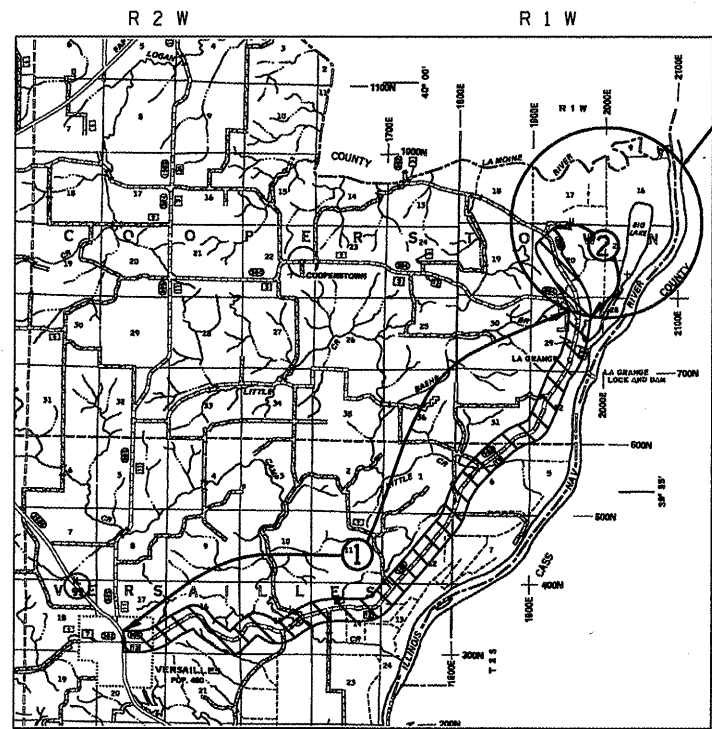
**LAGRANGE WETLAND BANK  
 D6 WETLAND MITIGATION 3**

**BROWN COUNTY  
 C-96-036-08**



**INDEX OF SHEETS**

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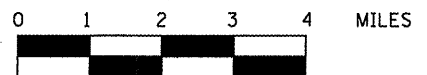


LA GRANGE WETLAND BANK  
 PR IMPROVEMENTS CONSIST OF:  
 EARTH EXCAVATION & EMBANKMENT TO  
 RE-ESTABLISH WETLAND PONDS, DEACTIVATE  
 DRAINAGE DITCHES, AND BUILD PR.  
 ACCESS ROADS.  
 (SEE DETAILED SITE MAP ON SHEET NO. 8-9)

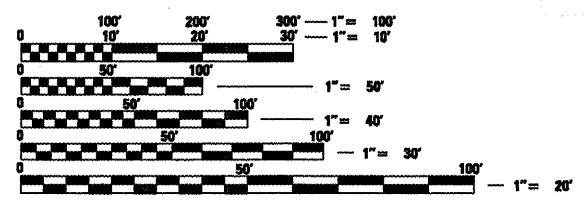
DESIGNATED HAUL ROADS

- ① FAS 582 (CH 12) FROM IL 99 TO FAS 584 (1/2 BROWN COUNTY)
- ② FAS 582 FROM FAS 584 (CH 12) TO JOB SITE ( COOPERSTOWN TOWNSHIP)

**LOCATION MAP**



TOTAL LENGTH OF IMPROVEMENT AREA = 28,267.27 FEET = 5.354 MILES



**LIST OF STANDARDS**

- 000001-05
- 280001-04
- 542401
- 701901
- BLR 21-7

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

**CONTRACT NO. 72968**

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS

SUBMITTED *March 20 2008*

*Christine M. Reed*  
 DISTRICT ENGINEER

*May 9, 2008*  
*Eric E. Harn*  
 ENGINEER OF DESIGN AND ENVIRONMENT

*May 9, 2008*  
*Christine M. Reed*  
 DIRECTOR, DIVISION OF HIGHWAYS

**PRINTED BY THE AUTHORITY  
 OF THE STATE OF ILLINOIS**

PROJECT ENGINEER: JOHN C. NEGANGARD (217) 782-6990  
 SQUAD LEADER: BRAD A. HEINSNESS (217) 785-5338



SUMMARY OF QUANTITIES		UNITS	TOTAL QUANTITY	CONSTR. CODE
PAY CODE NUMBER	PAY ITEM DESCRIPTION		100% STATE	Y077
<del>X0325973</del>	CABLE GATE, SINGLE STRAND	EACH	3	3
X0301280	PLUG EXISTING DRAINS	EACH	50	50
X0323716	ACCESS GATE, DOUBLE, 30 FOOT	EACH	1	1
X2010510	CLEARING AND GRUBBING	L SUM	1	1
X5011100	FOUNDATION REMOVAL	EACH	3	3
X6110075	FIELD TILE DEACTIVATION AND REMOVAL	FOOT	1,500	1,500
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1
Z0025500	FURNISHING AND INSTALLING PROPERTY MARKERS	EACH	7	7
20200100	EARTH EXCAVATION	CU YD	108,467	108,467
25000200	SEEDING, CLASS 2	ACRE	29.1	29.1
25000350	SEEDING, CLASS 7	ACRE	60.5	60.5
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	2,622	2,622
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	2,622	2,622
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	2,622	2,622
25000700	AGRICULTURAL GROUND LIMESTONE	TON	58	58
25100115	MULCH, METHOD 2	ACRE	29.1	29.1
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	18,380	18,380
28001000	AGGREGATE ( EROSION CONTROL)	TON	50	50

• LAGRANGE WETLAND BANK  
 \*\* D6 WETLAND MITIGATION 3

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
C:\Projects\1650305\contract 03\shsqa.dgn		DRAWN -	REVISED -
	PLOT SCALE = 100.0000" / IN.	CHECKED - JCN	REVISED -
	PLOT DATE = Mar-17-2008 12:03:04PM	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	BROWN	174	3
CONTRACT NO. 72968				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES		UNITS	TOTAL QUANTITY	CONSTR. CODE
PAY CODE NUMBER	PAY ITEM DESCRIPTION		100% STATE	Y007
28100207	STONE DUMPED RIPRAP, CLASS A4	TON	182	182
28200200	FILTER FABRIC	SQ YD	312	312
31101000	SUB-BASE GRANULAR MATERIAL, TYPE B	TON	1,739	1,739
40200100	AGGREGATE SURFACE COURSE, TYPE A	TON	846	846
50105200	REMOVE EXISTING CULVERTS	EACH	3	3
54200640	PIPE CULVERTS, TYPE 1, CORRUGATED STEEL OR ALUMINUM CULVERT PIPE 15"	FOOT	557	557
54200643	PIPE CULVERTS, TYPE 1, CORRUGATED STEEL OR ALUMINUM CULVERT PIPE 18"	FOOT	634	634
54200661	PIPE CULVERTS, TYPE 1, CORRUGATED STEEL OR ALUMINUM CULVERT PIPE 36"	FOOT	100	100
54215550	METAL END SECTIONS 15"	EACH	26	26
54215553	METAL END SECTIONS 18"	EACH	20	20
54215571	METAL END SECTIONS 36"	EACH	4	4
61100500	EXPLORATION TRENCH 52" DEPTH	FOOT	8,000	8,000
63500105	DELINEATORS	EACH	14	14
63600105	CABLE ROAD GUARD, SINGLE STRAND	FOOT	3,260	3,260
67100100	MOBILIZATION	L SUM	1	1
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6
70101830	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	L SUM	1	1

• LAGRANGE WETLAND BANK  
 \*\* D6 WETLAND MITIGATION 3

FILE NAME = C:\Projects\4650305\contract 03\shscoq	USER NAME = loughlinr1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	BROWN	174	4
		CHECKED - JCN	REVISED -		CONTRACT NO. 72968								
		DATE -	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT								

EARTHWORK SCHEDULE					
LOCATION (STATION TO STATION)	EARTH EXCAV. (CU YD)	EMBANK. (CU YD)	EMBANK. X 1.24 (CU YD)	WASTE (BOR.) (CU YD)	ACC. W/(B) (CU YD)
<b>ALIGNMENT A001</b>					
500+06.13 TO 515+00.00	1,873	3,309	4,103	(2,230)	(2,230)
515+00.00 TO 525+50.00	1,188	3,025	3,751	(2,563)	(4,793)
<b>ALIGNMENT A001b</b>					
7+00.00 TO 9+50.00	350	37	46	304	(4,489)
<b>ALIGNMENT A001c</b>					
26+70.15 TO 40+00.00	2,538	4,585	5,685	(3,147)	(7,636)
40+00.00 TO 55+00.00	572	5,581	6,921	(6,349)	(13,985)
55+00.00 TO 70+00.00	1,067	6,519	8,083	(7,016)	(21,001)
70+00.00 TO 85+00.00	394	6,594	8,177	(7,783)	(28,784)
85+00.00 TO 100+00.00	681	6,807	8,441	(7,760)	(36,544)
100+00.00 TO 115+00.00	365	7,767	9,631	(9,266)	(45,809)
115+00.00 TO 120+00.00	117	3,221	3,994	(3,877)	(49,686)
<b>ALIGNMENT C001</b>					
108+00.00 TO 128+00.00	10,611	1,217	1,509	9,102	(40,584)
<b>ALIGNMENT J001</b>					
400+00.00 TO 423+33.11	43,978	3,056	3,790	40,188	(395)
424+63.11 TO 449+00.00	14,153	10,547	13,079	1,075	680
<b>ALIGNMENT K001</b>					
602+00.00 TO 616+00.00	6,659	4,735	5,872	788	1,467
<b>ALIGNMENT H001</b>					
3012+00.00 TO 3038+00.00	7,659	6,530	8,097	(437)	1,030
<b>ALIGNMENT B001</b>					
324+16.93 TO 336+00.00	817	5,610	6,957	(6,140)	(5,111)
336+00.00 TO 350+00.00	991	5,157	6,395	(5,404)	(10,515)
<b>ALIGNMENT D001</b>					
799+50.00 TO 803+50.00	667	869	1,077	(410)	(10,925)
<b>ALIGNMENT I001</b>					
300+50.00 TO 314+00.00	13,719	1,342	1,664	12,055	1,129
<b>ALIGNMENT Z001</b>					
5013+00.00 TO 5015+00.00	67	886	1,099	(1,032)	97
<b>TOTAL=</b>	<b>108,467</b>	<b>87,395</b>	<b>106,859</b>	<b>97</b>	<b>97</b>

NOTE: A SHRINKAGE OF 19.4% WAS USED IN THE ABOVE SCHEDULE; THEREFORE, SHRINKAGE FACTOR = 1.24 = 1.0 / (1.0 - 0.194).

PLANS HAVE BEEN DESIGNED TO TRY TO UTILIZE ALL THE EXCAVATED MATERIAL IN PROPOSED EMBANKMENT AREAS. IF EXCESS MATERIAL REMAINS AFTER THE REQUIRED EMBANKMENT IS COMPLETED, THE CONTRACTOR SHALL WASTE THE EXCESS MATERIAL ON SITE AT LOCATIONS DESIGNATED BY THE ENGINEER UNTIL ALL EXCAVATED MATERIAL IS USED. IF NO EXCESS MATERIAL EXIST OR MATERIAL IS SHORT OF COMPLETING THE PLAN EMBANKMENT, ADDITIONAL EXCAVATION SHALL BE COMPLETED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER TO FINISH PROPOSED EMBANKMENTS. ALL EARTHWORK IN THIS CONTRACT WILL BE PAID FOR AT THE CONTRACT UNIT BID PRICE PER CUBIC YARD FOR "EARTH EXCAVATION." NO OTHER ADDITIONAL COMPENSATION WILL BE ALLOWED IN ABIDING TO THESE LISTED REQUIREMENTS.

PERMANENT EROSION CONTROL		
LOCATION	FILTER FABRIC (SQ YD)	STONE DUMPED RIPRAP CL A4 (TON)
<b>ALIGNMENT I001</b> 311+90.00 TO 312+70.00	312	182
<b>TOTAL =</b>	<b>312</b>	<b>182</b>

SEEDING SCHEDULE							
LOCATION (STATION TO STATION)	SEEDING CLASS 7 (ACRE)	SEEDING CLASS 2 (ACRE)	FERTILIZER NUTRIENTS			AG LIME (TON)	MULCH METH - 2 (ACRE)
			NITR. (POUND)	PHOS. (POUND)	POTAS. (POUND)		
<b>ALIGNMENT A001</b>							
500+06.13 TO 515+00.00	0.0	2.6	230	230	230	5.1	2.6
515+00.00 TO 525+50.00	0.0	1.5	139	139	139	3.1	1.5
<b>ALIGNMENT A001b</b>							
7+00.00 TO 9+50.00	0.0	0.5	42	42	42	0.9	0.5
<b>ALIGNMENT A001c</b>							
26+70.15 TO 27+50.00	0.0	0.2	15	15	15	0.3	0.2
27+50.00 TO 40+00.00	0.7	2.9	265	265	265	5.9	2.9
40+00.00 TO 55+00.00	1.0	2.5	229	229	229	5.1	2.5
55+00.00 TO 70+00.00	0.9	2.5	229	229	229	5.1	2.5
70+00.00 TO 85+00.00	1.0	3.0	273	273	273	6.1	3.0
85+00.00 TO 100+00.00	0.9	2.7	239	239	239	5.3	2.7
100+00.00 TO 115+00.00	1.0	3.0	266	266	266	5.9	3.0
115+00.00 TO 120+00.00	0.6	1.4	130	130	130	2.9	1.4
<b>ALIGNMENT C001</b>							
108+00.00 TO 128+00.00	5.2	0.0	0	0	0	0.0	0.0
<b>ALIGNMENT J001</b>							
400+00.00 TO 423+33.11	18.7	0.0	0	0	0	0.0	0.0
424+63.11 TO 449+00.00	8.9	0.0	0	0	0	0.0	0.0
<b>ALIGNMENT K001</b>							
602+00.00 TO 616+00.00	4.8	0.0	0	0	0	0.0	0.0
<b>ALIGNMENT H001</b>							
3012+00.00 TO 3038+00.00	9.2	0.0	0	0	0	0.0	0.0
<b>ALIGNMENT B001</b>							
324+16.93 TO 336+00.00	0.7	3.3	293	293	293	6.5	3.3
336+00.00 TO 348+00.00	0.7	2.0	183	183	183	4.1	2.0
348+00.00 TO 350+00.00	0.0	0.3	28	28	28	0.6	0.3
<b>ALIGNMENT I001</b>							
300+50.00 TO 314+00.00	5.9	0.0	0	0	0	0.0	0.0
<b>ALIGNMENT Z001</b>							
5013+00.00 TO 5015+00.00	0.0	0.7	59	59	59	1.3	0.7
<b>TOTAL=</b>	<b>60.4</b>	<b>29.1</b>	<b>2621.5</b>	<b>2621.5</b>	<b>2621.5</b>	<b>58.3</b>	<b>29.1</b>

\* LAGRANGE WETLAND BANK  
\*\* D6 WETLAND MITIGATION 3

CULVERT & FOUNDATION REMOVAL SCHEDULE		
LOCATION	FOUND. REMOVAL	REMOVE EXISTING CULVERTS
	( EACH )	( EACH )
<u>ALIGNMENT A001a</u>		
STA 38+20.00		1
STA 62+35.00		1
<u>ALIGNMENT B001</u>		
STA 331+50.00		1
<u>ALIGNMENT Z001</u>		
RT STA 5013+00.00 TO RT STA 5014+00.00	3	
<b>TOTAL =</b>	<b>3</b>	<b>3</b>

AGGREGATE SUB-BASE / SURFACE SCHEDULE		
LOCATION	SUB-BASE GRAN. T-B 4" THICK	AGG. SURF. T-A 2" THICK
	( TON )	( TON )
<u>ALIGNMENT A001</u>		
STA 500+06.13 TO STA 510+00.00	1162.7	564.6
<u>ALIGNMENT A001b</u>		
STA 7+00.00 TO STA 9+50.00	225.4	110.5
<u>ALIGNMENT A001a</u>		
STA 26+70.15 TO STA 27+50.00	33.7	16.3
RT STA 26+70.15 TO RT STA 26+80.15 - PARKING LOT	7.9	3.8
<u>ALIGNMENT B001</u>		
STA 348+00.00 TO STA 350+00.00	84.4	40.9
RT STA 349+10.00 TO RT STA 350+00.00 - PARKING LOT	69.3	34.3
<u>ALIGNMENT Z001</u>		
RT STA 5013+00.00 TO RT STA 5014+00.00 - PARKING LOT & FIELD ENTRANCE	158.2	77.5
<b>TOTAL =</b>	<b>1741.6</b>	<b>848.0</b>

ACCESS CONTROL FENCE / GATES			
LOCATION	CABLE A/C FENCE	CABLE A/C GATE	ACCESS GATE DBL, 30'
	( FOOT )	( EACH )	( EACH )
<u>ALIGNMENT Z001</u>			
RT STA 5003+87.79 TO RT STA 5004+17.44		1	
RT STA 5004+17.44 TO RT STA 5013+33.00	931		
RT STA 5013+33.00		1	
RT STA 5013+33.00 TO RT STA 5014+37.00	183		
RT STA 5014+37.00 TO RT STA 5018+89.68	453		
RT STA 5018+89.68 TO RT STA 5019+31.74	46		
RT STA 5056+34.33 TO RT STA 5056+64.54		1	
RT STA 5056+64.54 TO RT STA 5062+62.94	600		
RT STA 5062+62.94 TO RT STA 500+87.65 (A001)	89		
STA 500+87.65 (A001)			1
LT STA 500+87.65 (A001) TO RT STA 5064+43.15	94		
RT STA 5064+43.15 TO RT STA 5066+53.68	211		
RT STA 5066+53.68 TO RT STA 5066+86.79	39		
RT STA 5066+86.79 TO LT STA 101+00.00 (C001)	532		
<b>TOTAL =</b>	<b>3,178</b>	<b>3</b>	<b>- 1</b>

PIPE CULVERT SCHEDULE							
LOCATION	PIPE CULV T-1, CS/A	PIPE CULV T-1, CS/A	PIPE CULV T-1, CS/A	METAL END SEC	METAL END SEC	METAL END SEC	DELIN. S - WHITE CRYSTAL
	15" ( FOOT )	18" ( FOOT )	36" ( FOOT )	15" ( EACH )	18" ( EACH )	36" ( EACH )	( EACH )
<u>ALIGNMENT A001b</u>							
STA 9+75.00	60			2			2
<u>ALIGNMENT A001</u>							
LT STA 509+40.00	32			2			
RT STA 509+60.00	70			2			
LT STA 525+00.00	32			2			
<u>ALIGNMENT A001a</u>							
RT STA 37+00.00	58			2			
STA 38+20.00			100			4	2
STA 45+50.00		80			4		2
LT STA 56+00.00	34			2			
RT STA 56+00.00	34			2			
STA 62+35.00		108			4		2
LT STA 74+00.00	40			2			
RT STA 74+00.00	40			2			
STA 75+50.00		32*					
STA 90+00.00		32*					
STA 101+80.00		32*					
STA 110+00.00		32*					
LT STA 117+00.00	40			2			
<u>ALIGNMENT B001</u>							
RT STA 330+00.00	36			2			
STA 331+50.00		126			4		2
RT STA 333+50.00	35			2			
STA 341+00.00		96			4		2
STA 347+50.00		96			4		2
<u>ALIGNMENT Z001</u>							
RT STA 5014+25.00	46			2			
<b>TOTAL =</b>	<b>557</b>	<b>634</b>	<b>100</b>	<b>26</b>	<b>20</b>	<b>4</b>	<b>14</b>

NOTE: \* COST OF REMOVING AND RE-INSTALLING EXISTING END SECTIONS, FURNISHING AND INSTALLING AN APPROVED METAL EXTENSION BANDS, AND REMOVING AND REINSTALLING EXISTING DELINEATORS WILL BE CONSIDERED PART OF CONTRACT UNIT BID PRICE FOR THE PIPE CULVERTS.

FILE NAME = C:\Projects\650305\contract 03\shstsch	USER NAME = leughlinr1	DESIGNED -	REVISED -
		DRAWN - KPG	REVISED -
		CHECKED - JCN	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES			
SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
.	..	BROWN	174	6
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 72968	

• LAGRANGE WETLAND BANK  
•• D6 WETLAND MITIGATION 3

PROPERTY MARKERS	
LOCATION	PROPERTY MARKERS
	(EACH)
<b>ALIGNMENT 2001</b>	
RT STA 5003+87.79	1
RT STA 5018+89.68	1
RT STA 5056+55.73	1
RT STA 5066+86.79	1
<b>ALIGNMENT 0001</b>	
LT STA 101+00.00	1
LT STA 115+00.00	1
LT STA 128+00.00	1
<b>TOTAL =</b>	<b>7</b>

ESTIMATED QUANTITIES		
ITEMS	UNIT	TOTAL
THE FOLLOWING ITEMS INCLUDE ESTIMATED QUANTITIES FOR DEACTIVATING FIELD TILES (SEE SPECIAL PROVISIONS)		
PLUG EXISTING DRAINS	EACH	50
FIELD TILE DEACTIVATION AND REMOVAL	FOOT	1,500
EXPLORATION TRENCH 52" DEPTH	FOOT	8,000
THE FOLLOWING ITEMS INCLUDE ESTIMATED QUANTITIES FOR HANDLING TEMPORARY EROSION CONTROL (SEE SPECIAL PROVISIONS)		
TEMPORARY EROSION CONTROL SEEDING	POUND	18,380
AGGREGATE (EROSION CONTROL)	TON	50

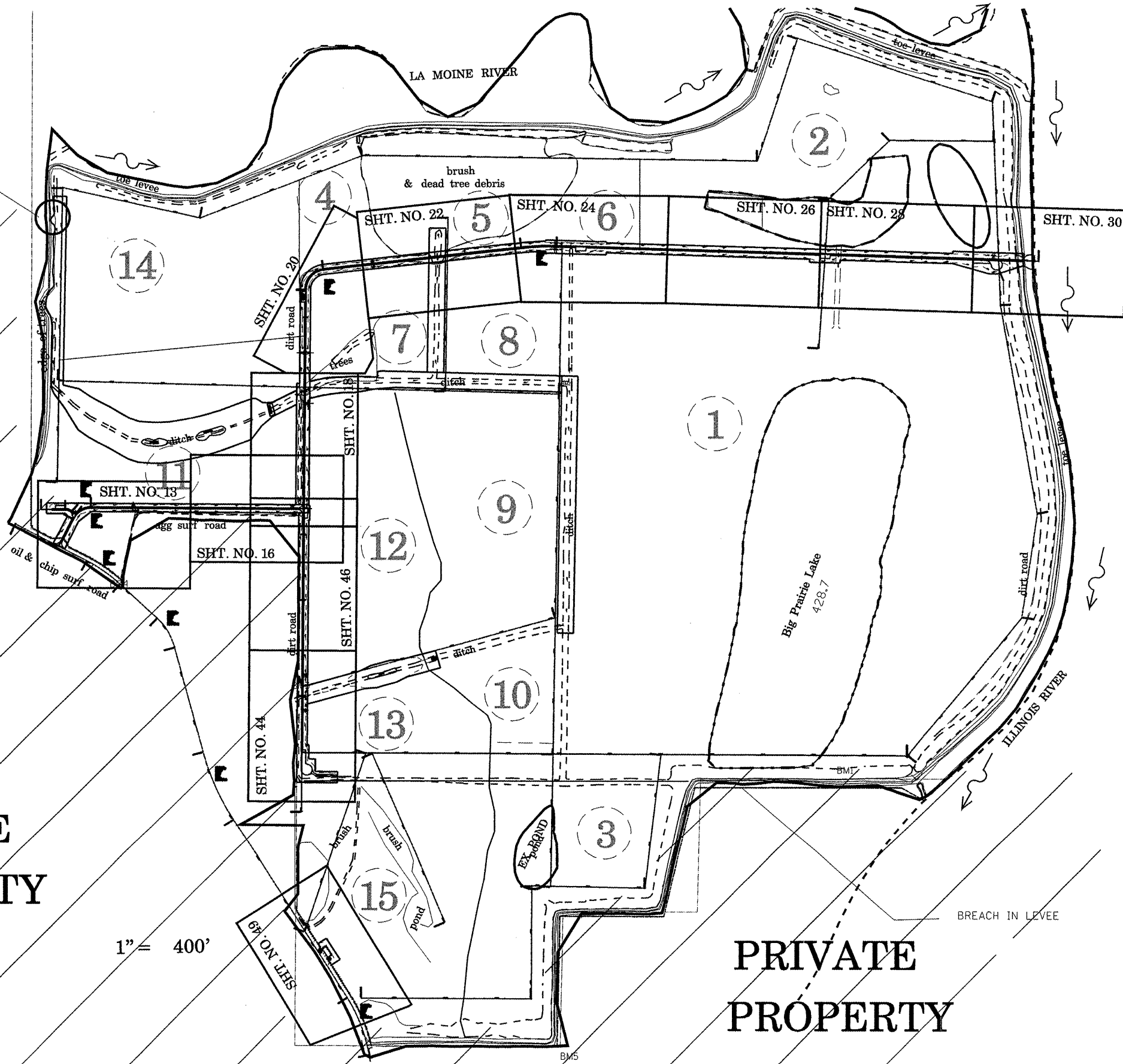
• LAGRANGE WETLAND BANK  
 •• D6 WETLAND MITIGATION 3

FILE NAME = C:\Projects\658385\contract 03\shshtch.dgn	USER NAME = leughlinr1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SCHEDULE OF QUANTITIES</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - KPG	REVISED -		•	••	BROWN	174	7				
		CHECKED - JCN	REVISED -		CONTRACT NO. 72968								
		DATE -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		

PRIVATE  
PROPERTY

PRIVATE  
PROPERTY

PRIVATE  
PROPERTY



1" = 400'

**ROAD ALIGNMENTS**

• LAGRANGE WETLAND BANK  
•• D6 WETLAND MITIGATION 3

FILE NAME =	USER NAME = loughlinr1	DESIGNED -	REVISED -
C:\Projects\4658395\contract 03\plan.ov	rvrview.dgn	DRAWN - EJW	REVISED -
PLOT SCALE = 1100.0000' / IN.	CHECKED - JCN	REVISIONS -	REVISED -
PLOT DATE = Mar-17-2008 12:03:13PM	DATE -	REVISIONS -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SITE MAP - GENERAL PLAN VIEW  
ALIGNMENT & SHEET LAYOUT

SCALE: SHEET NO. OF SHEETS STA. TO STA.

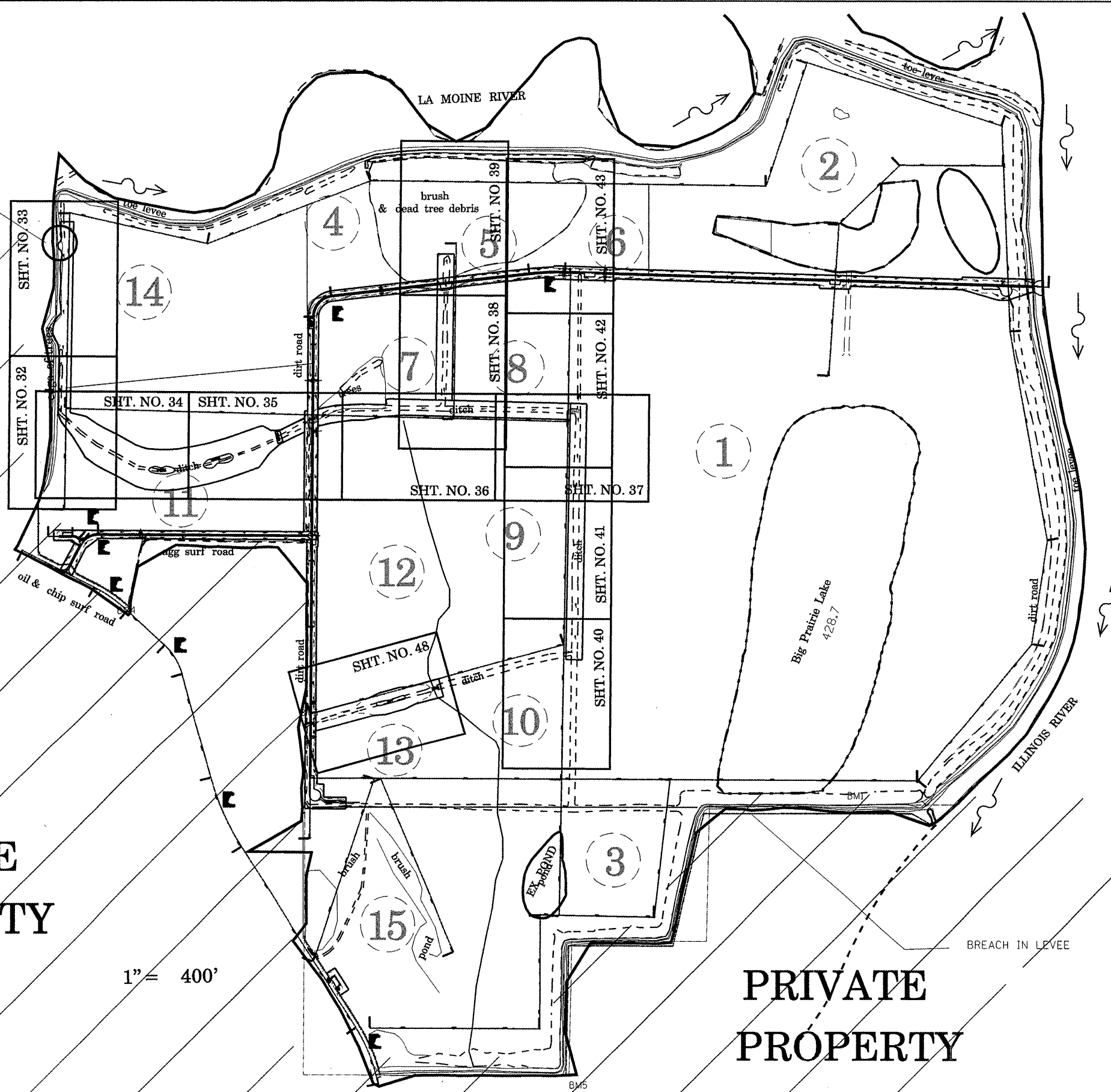
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	BROWN	174	8
				CONTRACT NO. 72968
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



PRIVATE  
PROPERTY

PRIVATE  
PROPERTY

PRIVATE  
PROPERTY



**DITCH ALIGNMENTS**

• LAGRANGE WETLAND BANK  
•• D6 WETLAND MITIGATION 3

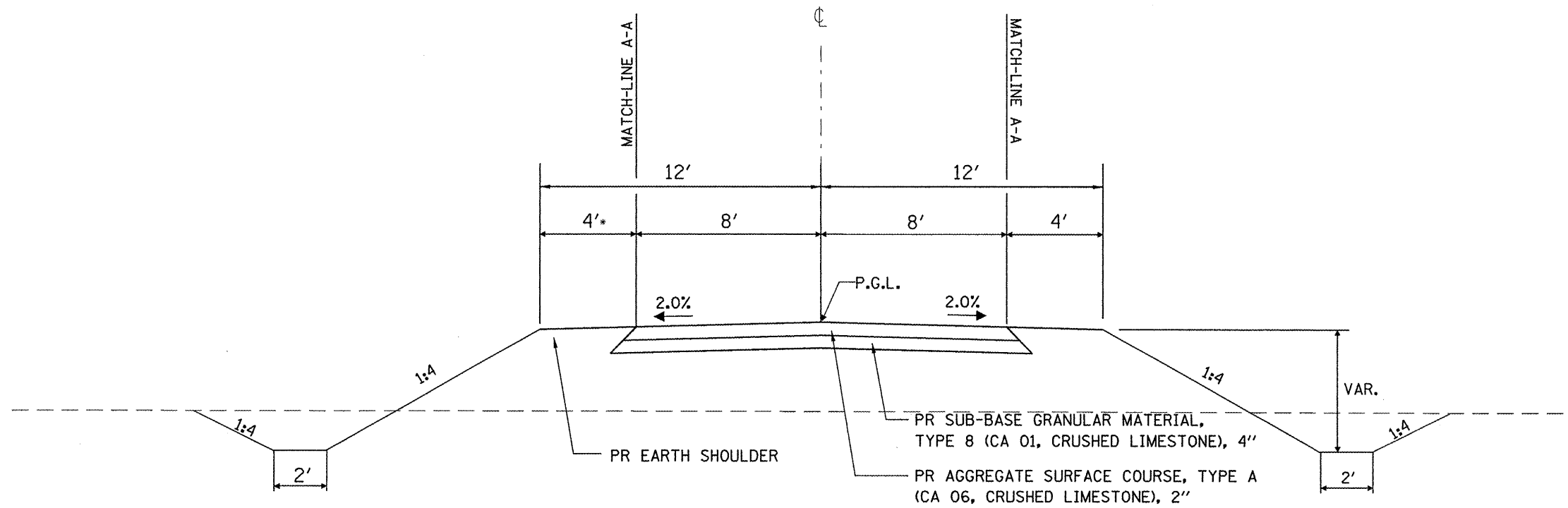
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C:\Projects\d650305\contract 03\plan_01\view.dgn		DRAWN - EJW	REVISED -
		CHECKED - JCN	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SITE MAP - GENERAL PLAN VIEW  
ALIGNMENT & SHEET LAYOUT

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	BROWN	174	9
				CONTRACT NO. 72968
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

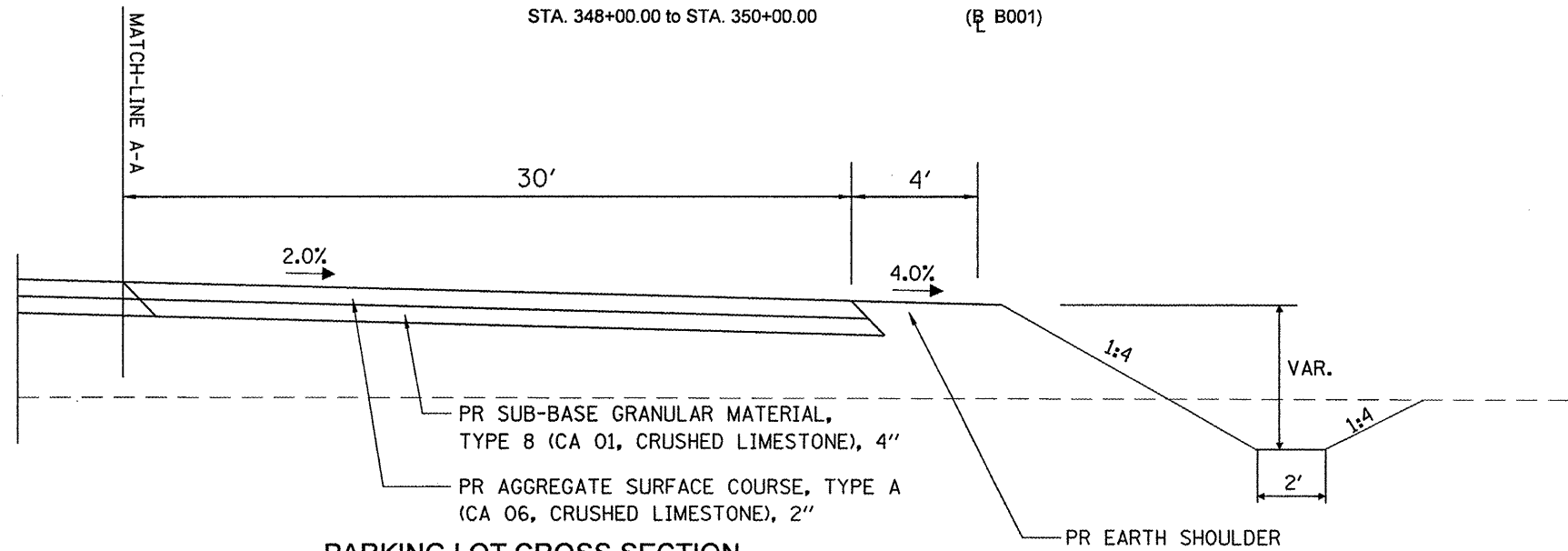


\* CONSTRUCT 12' - WIDE SHOULDER INSTEAD OF 4' - WIDE AT THE FOLLOWING LOCATIONS.

- LT STA 26+70.15 TO LT STA 27+50.00 (B A001d)
- LT STA 348+00.00 TO LT STA 350+00.00 (B B001)

**TYPICAL CROSS SECTION #1 - ACCESS ROADS**

- STA. 500+06.13 to STA. 526+04.36 (B A001)
- STA. 7+50.13 to STA. 9+92.00 (B A001b)
- RT STA. 5013+35.00 to RT STA. 5014+35.00 (B Z001)
- PR PARKING LOT, 45' WIDE (SURFACE WIDTH), 2.0% CROSS SLOPE
- STA. 26+70.15 to STA. 27+50.00 (B A001a)
- STA. 348+00.00 to STA. 350+00.00 (B B001)



**PARKING LOT CROSS SECTION**

- RT STA. 26+15 TO RT STA 26+80.15 (B A001a)
  - RT STA. 349+10.00 TO RT STA 350+00.00 (B B001)
  - LT STA. 7+86.31 TO LT STA 8+86.31 (B A001b)
- > SAME PARKING LOT

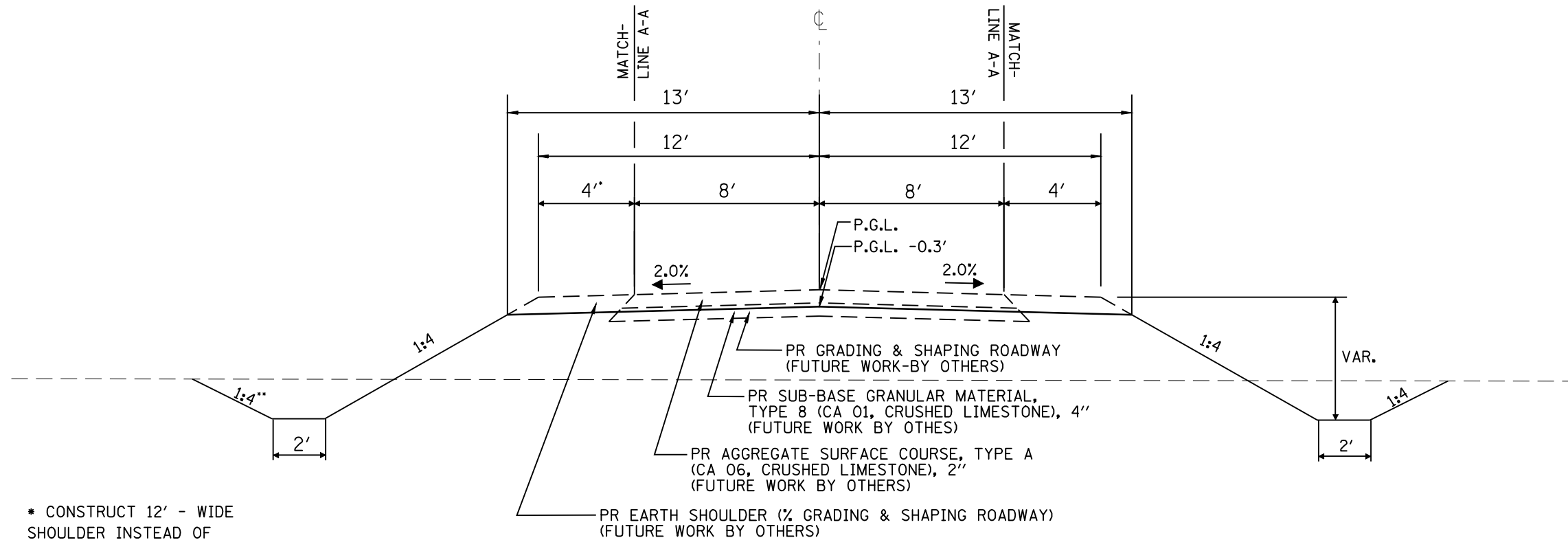
• LAGRANGE WETLAND BANK  
 \*\* D6 WETLAND MITIGATION 3

FILE NAME :	USER NAME = leughlinr1	DESIGNED -	REVISED -
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	PLOT DATE = Mar-17-2008 12:03:24PM	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>TYPICAL CROSS SECTIONS</b>				
SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	BROWN	174	10
CONTRACT NO. 72968				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

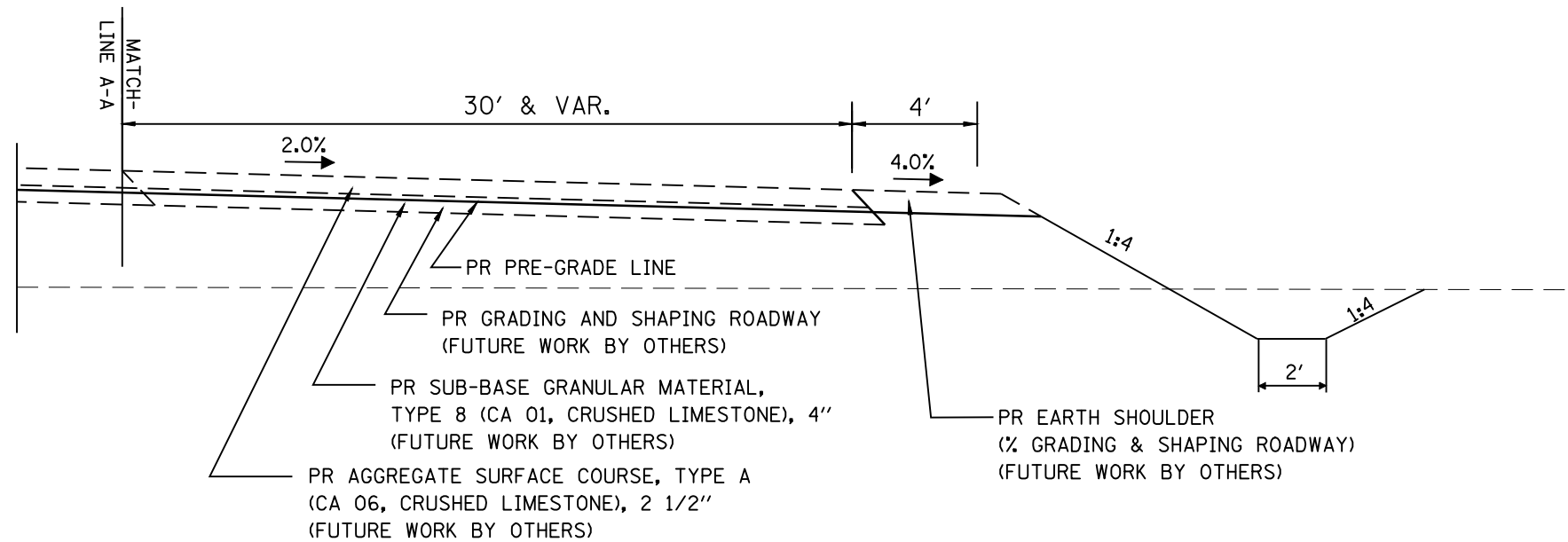


\* CONSTRUCT 12' - WIDE SHOULDER INSTEAD OF 4' - WIDE AT THE FOLLOWING LOCATIONS.

- LT STA 27+50.00 TO LT STA 42+00.00 (R A001a)
- LT STA 325+00.00 TO LT STA 348+00.00 (R B001)

**TYPICAL CROSS SECTION #1 - ACCESS ROADS (GRADING ONLY)**

- STA. 27+50.00 TO STA 120+00.00 (R A001a)
- STA 323+88.36 TO STA 348+00.00 (R B001)

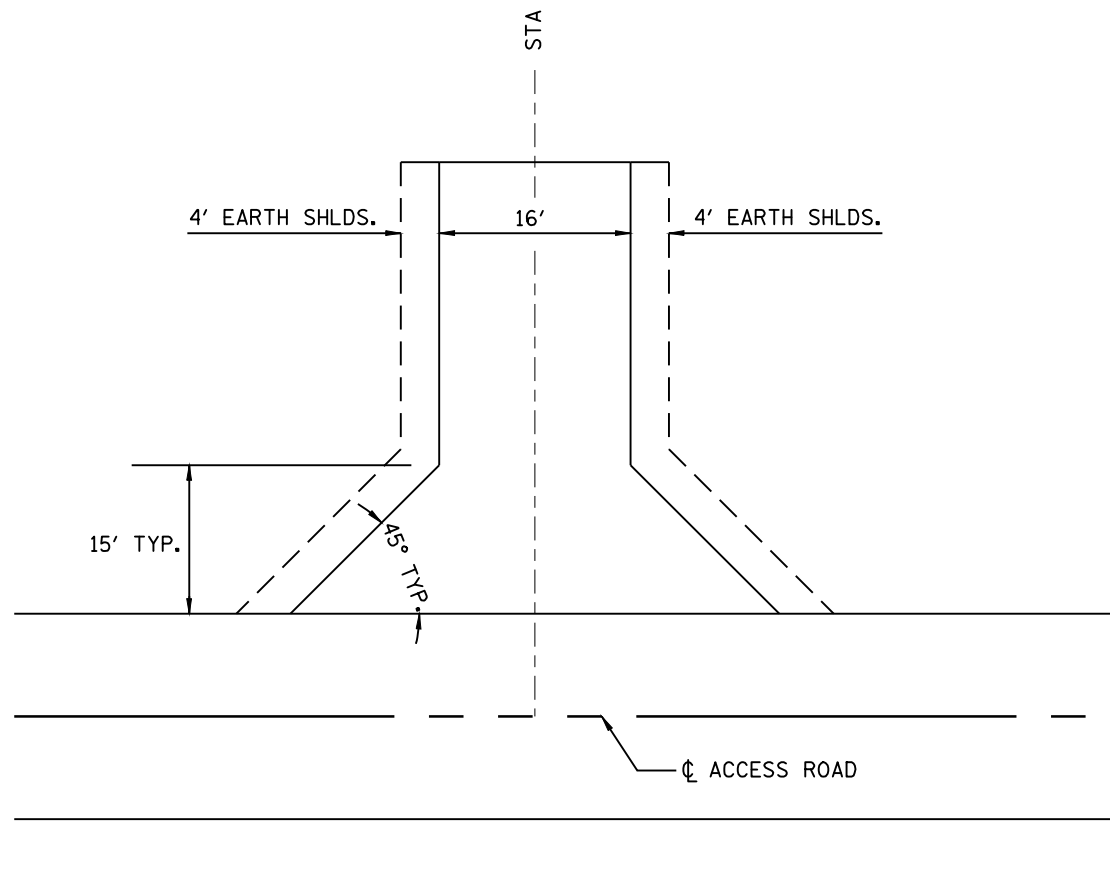


**CUL-DE-SAC & PARKING LOT TYPICAL CROSS SECTION**

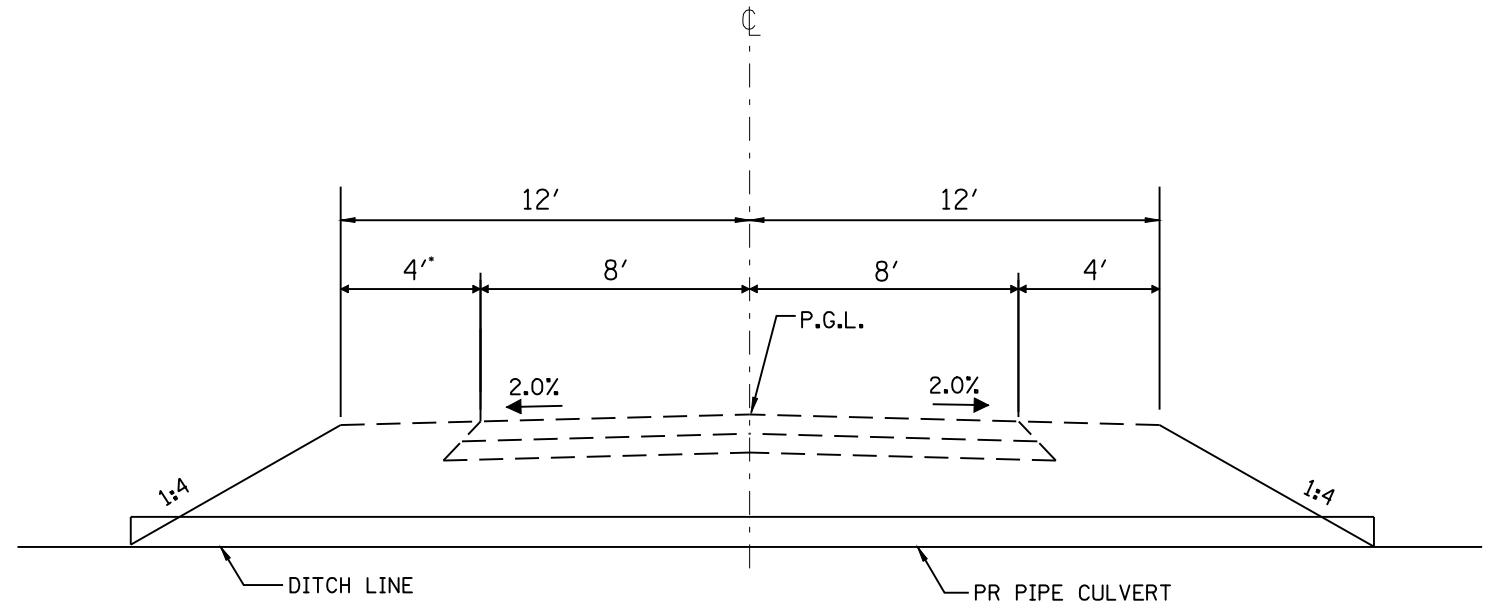
- LT STA 47+00.00 TO LT STA 48+00.00 (R A001a) - PARKING LOT
- RT STA 76+00.00 TO RT STA 77+00.00 (R A001a) - PARKING LOT
- RT STA 115+00.00 TO RT STA 117+88.18 (R A001a) - PARKING LOT/CUL-DE-SAC
- RT STA 323+61.95 TO RT STA 326+10.00 (R B001) - PARKING LOT/CUL-DE-SAC
- RT STA 100+00.00 TO RT STA 101+00.00 (R B001) - PARKING LOT

• LAGRANGE WETLAND BANK  
•• D6 WETLAND MITIGATION 3

FILE NAME =	USER NAME = laughlin1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL CROSS SECTIONS</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
C:\Projects\d650305\contract 03\shhtypic01s.dgn		DRAWN - EJW	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	•	••	BROWN	174	11
		CHECKED - JCN	REVISED -		CONTRACT NO. 72968									
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT									



**PLAN VIEW**  
(TYPICAL FIELD ENTRANCE)



NOTE: USE SAME PAVEMENT  
STRUCTURE AS FOR ACCESS ROADS

**CROSS SECTIONAL VIEW**  
(TYPICAL FIELD ENTRANCE, PREGRADE ONLY AREAS)

• LAGRANGE WETLAND BANK  
•• D6 WETLAND MITIGATION 3

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
C:\Projects\d650305\contract 03\shhtypic01s.dgn		DRAWN - EJW	REVISED -
	PLOT SCALE = 5.0000' / IN.	CHECKED - JCN	REVISED -
	PLOT DATE = Mar-17-2008 12:03:28PM	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**TYPICAL CROSS SECTIONS**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	BROWN	174	12
CONTRACT NO. 72968				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

FIELD # 11  
STATE OF ILLINOIS



PROP. CURVE CUR8600  
PI STA. = 9+22.84  
Δ = 40° 07' 48" (RT)  
D = 57° 17' 45"  
R = 100.00'  
T = 36.53'  
L = 70.04'  
E = 6.46'  
e = N.C.  
T.R. = -----  
S.E. RUN = -----  
P.C. STA. = 8+86.31  
P.T. STA. = 9+56.35

LT STA 509+40.00  
PR PIPE CULV 15" x 32.0'  
CS/A TYPE 1  
+25.0, 25.5' LT USFL = 436.90  
+57.0, 25.5' LT DSFL = 436.52  
2-METAL END SECTIONS, 15"  
(STD 542401)

PROP. CURVE 6000  
PI STA. = 504+27.64  
Δ = 63° 09' 21" (RT)  
D = 28° 38' 52"  
R = 200.00'  
T = 122.93'  
L = 220.46'  
E = 34.76'  
e = N.C.  
T.R. = -----  
S.E. RUN = -----  
P.C. STA. = 503+04.71  
P.T. STA. = 505+25.16

PROP. CURVE 5042  
PI STA. = 5058+44.95  
Δ = 15° 56' 03" (LT)  
D = 3° 55' 07"  
R = 1,462.13'  
T = 204.63'  
L = 406.62'  
E = 14.25'  
e = -----  
T.R. = -----  
S.E. RUN = -----  
P.C. STA. = 5056+40.32  
P.T. STA. = 5060+46.94

STA 101+00.00, 258' LT  
N 1204005.31  
E 2189546.04  
END CABLE A/C FENCE  
PR PROPERTY MARKER

PR PARKING LOT  
(30' W x 100' L)

STA 9+75.00  
PR PIPE CULV 15" x 60.0'  
CS/A TYPE 1  
+75.0, 32.0' LT DSFL = 443.94  
+75.0, 28.0' RT USFL = 444.87  
2-METAL END SECTIONS, 15"  
(STD 542401)

STA 7+50.00  
LIMITS OF IMPROVEMENT

+86.31  
38' LT

+86.31  
38' LT

SEEDING LINE

SEEDING LINE

FUTURE SITE OFFICE

FIELD # 11  
STATE OF ILLINOIS

STA 5066+53.68  
40.00' LT  
N 1203440.99  
E 2189565.14

STA 500+87.65  
12.00' LT  
N 1203349.89  
E 2189847.15

STA 503+50.0 (A001) =  
STA 10+00.00 (A001B)

RT STA 509+60.00  
PR PIPE CULV 15" x 70.0'  
CS/A TYPE 1  
+27.0, 25.7' RT USFL = 436.87  
+97.0, 25.7' RT DSFL = 436.05  
2-METAL END SECTIONS, 15" (STD 542401)

PR PROPERTY MARKER  
STA 509+60.50 40.00' RT  
N 1203603.91  
E 2190571.10

PR CABLE  
A/C FENCE  
(STD 636001)

STA 5064+43.15  
40.00' LT  
N 1203344.53  
E 2189753.19

PR ACCESS CONTROL GATE  
DOUBLE - 30 FOOT  
(SEE DETAILS)

STA 500+87.65  
12.00' RT  
N 1203262.41  
E 2189913.30

FIELD # 11  
STATE OF ILLINOIS

STA 5066+86.79  
60.22' LT  
N 1203473.72  
E 2189545.64  
PROPERTY MARKER

STA 500+00.00 (A001) =  
STA 5063+50.00 (Z100)

STA 5062+62.94  
40.00' LT  
N 1203252.63  
E 2189919.02

PR CABLE  
A/C FENCE  
(STD 636001)

STA 500+06.13  
BEGIN IMPROVEMENT  
PR BUTT JOINT

PRIVATE PROPERTY

PRIVATE PROPERTY  
(ROGER REESE)

STA 5056+62.70  
40.00' LT  
N 1202940.64  
E 2190428.86  
END CABLE A/C FENCE  
PR PROPERTY MARKER

PR CABLE GATE, 30'  
(SEE DETAILS)

STA 5056+32.70  
40' LT  
N 1202921.06  
E 2190451.59

STA. 5056+22.70  
40' LT  
END CABLE FENCE  
(STD 636001)

• LAGRANGE WETLAND BANK  
•• D6 WETLAND MITIGATION 3

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
C:\Projects\d650305\contract 03\sh1.plt	file001.e001a.dgn	DRAWN - KPG	REVISED -
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

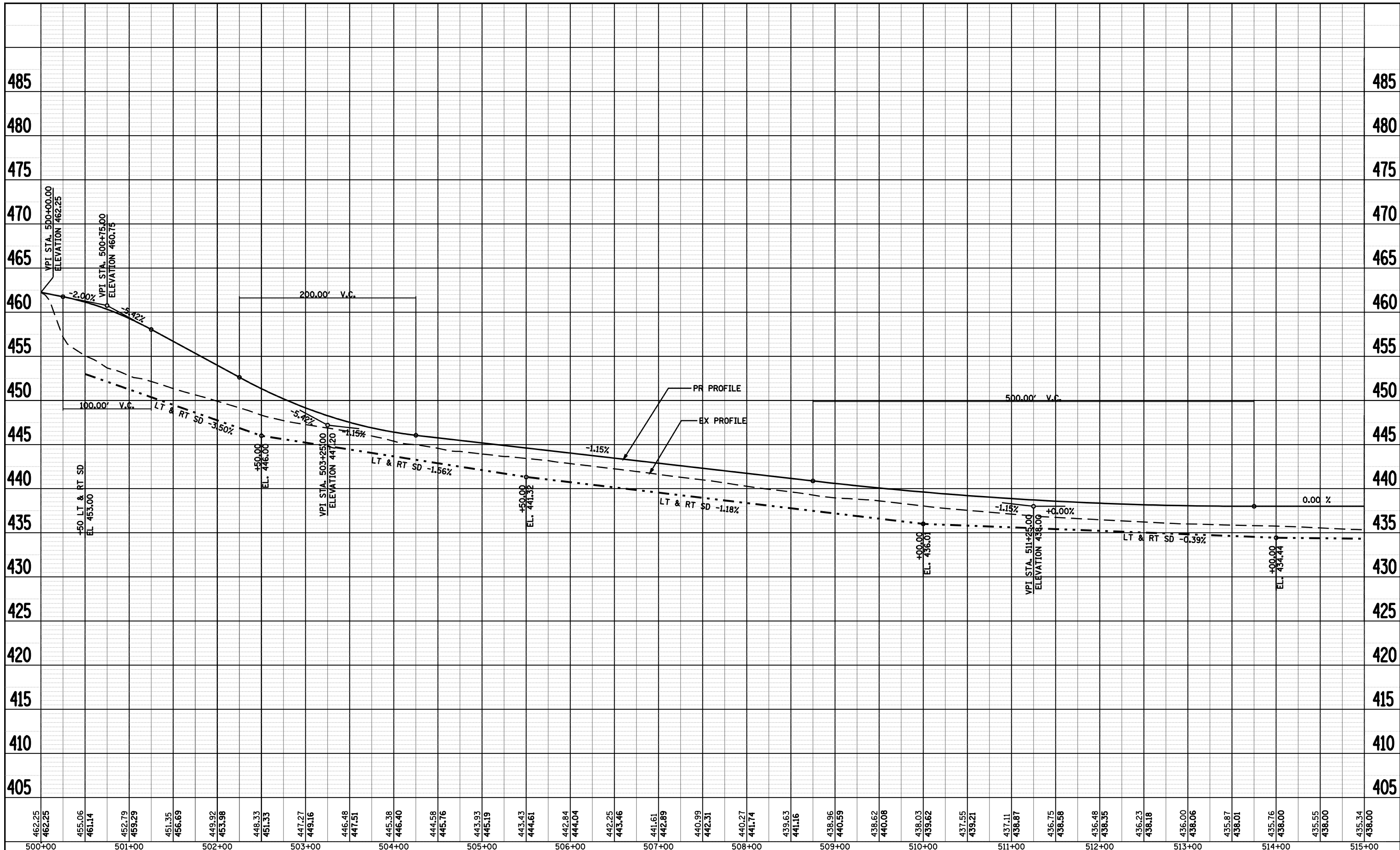
PLAN SHEET - A001

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	BROWN	174	13
CONTRACT NO. 72968				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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

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



462.25	462.25	455.06	461.14	452.79	459.29	451.35	456.69	449.92	453.98	448.33	451.33	447.27	449.16	446.48	447.51	445.38	446.40	444.58	445.76	443.93	445.19	443.43	444.61	442.84	444.04	442.25	443.46	441.61	442.89	440.99	442.31	440.27	441.74	439.63	441.16	438.96	440.59	438.62	440.08	438.03	439.62	437.55	439.21	437.11	438.87	436.75	438.58	436.48	438.35	436.23	438.18	436.00	438.06	435.87	438.01	435.76	438.00	435.55	438.00	435.34	438.00
500+00		501+00		502+00		503+00		504+00		505+00		506+00		507+00		508+00		509+00		510+00		511+00		512+00		513+00		514+00		515+00																															

• LAGRANGE WETLAND BANK  
•• D6 WETLAND MITIGATION 3

FILE NAME =	C:\Projects\d650305\contract 03\sh_t_plot\le001_e001a.dgn	DESIGNED -	REVISIED -
USER NAME =	laughlinr1	DRAWN -	KPG
PLOT SCALE =	100.0000' / IN.	CHECKED -	JCN
PLOT DATE =	Mar-17-2008 12:03:35PM	DATE -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PROFILE SHEET - A001</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

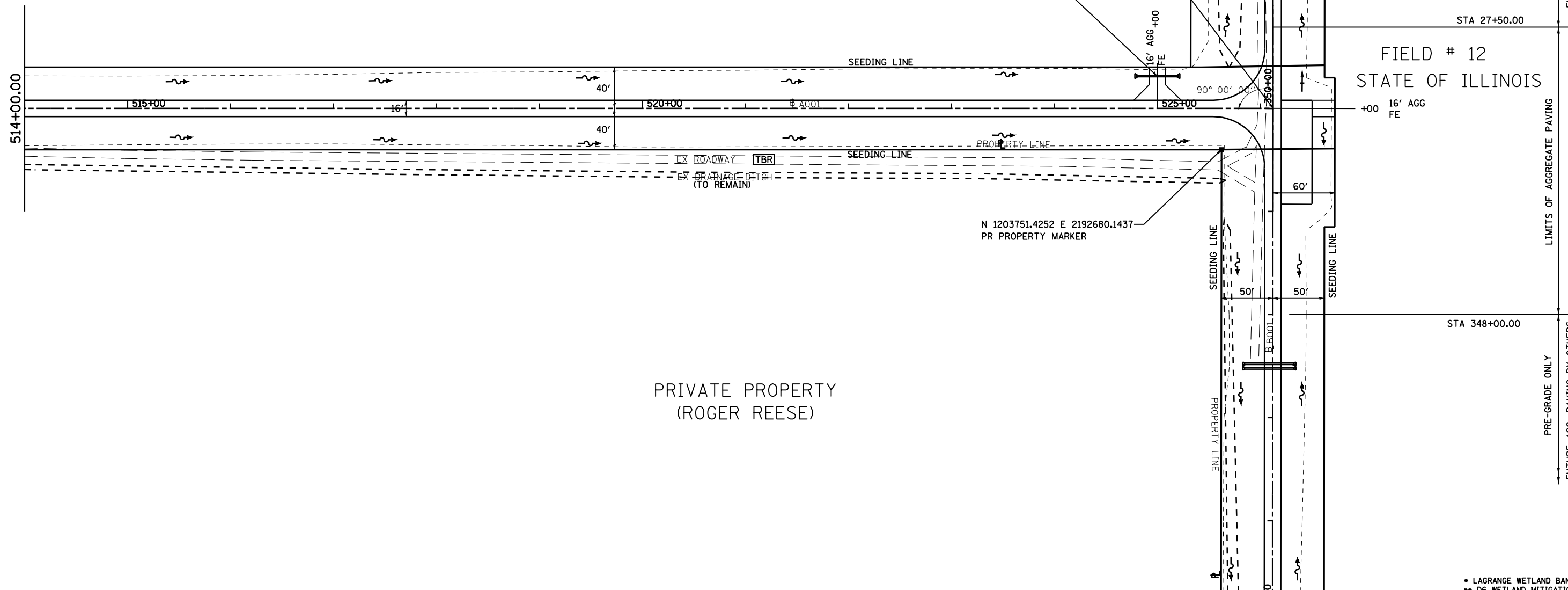
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	BROWN	174	14
CONTRACT NO. 72968				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



FIELD # 11  
STATE OF ILLINOIS

STA 26+70.15 - A001a (AH) =  
STA 350+00.00 - B001 (BK) =  
STA 526+12.36 - A001 (BK)

LT STA 525+00.00  
PR PIPE CULV 15" x 38.0'  
CS/A TYPE 1  
+81.0, 30.4' LT USFL = 433.10  
+19.0, 30.4' LT DSFL = 433.06  
2-METAL END SECTIONS, 15" (STD 542401)



• LAGRANGE WETLAND BANK  
•• D6 WETLAND MITIGATION 3

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
C:\Projects\d650305\contract 03\sht.plt	file001.a001a.dgn	DRAWN - KPG	REVISED -
	PLOT SCALE = 100.0000' / IN.	CHECKED - JCN	REVISED -
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

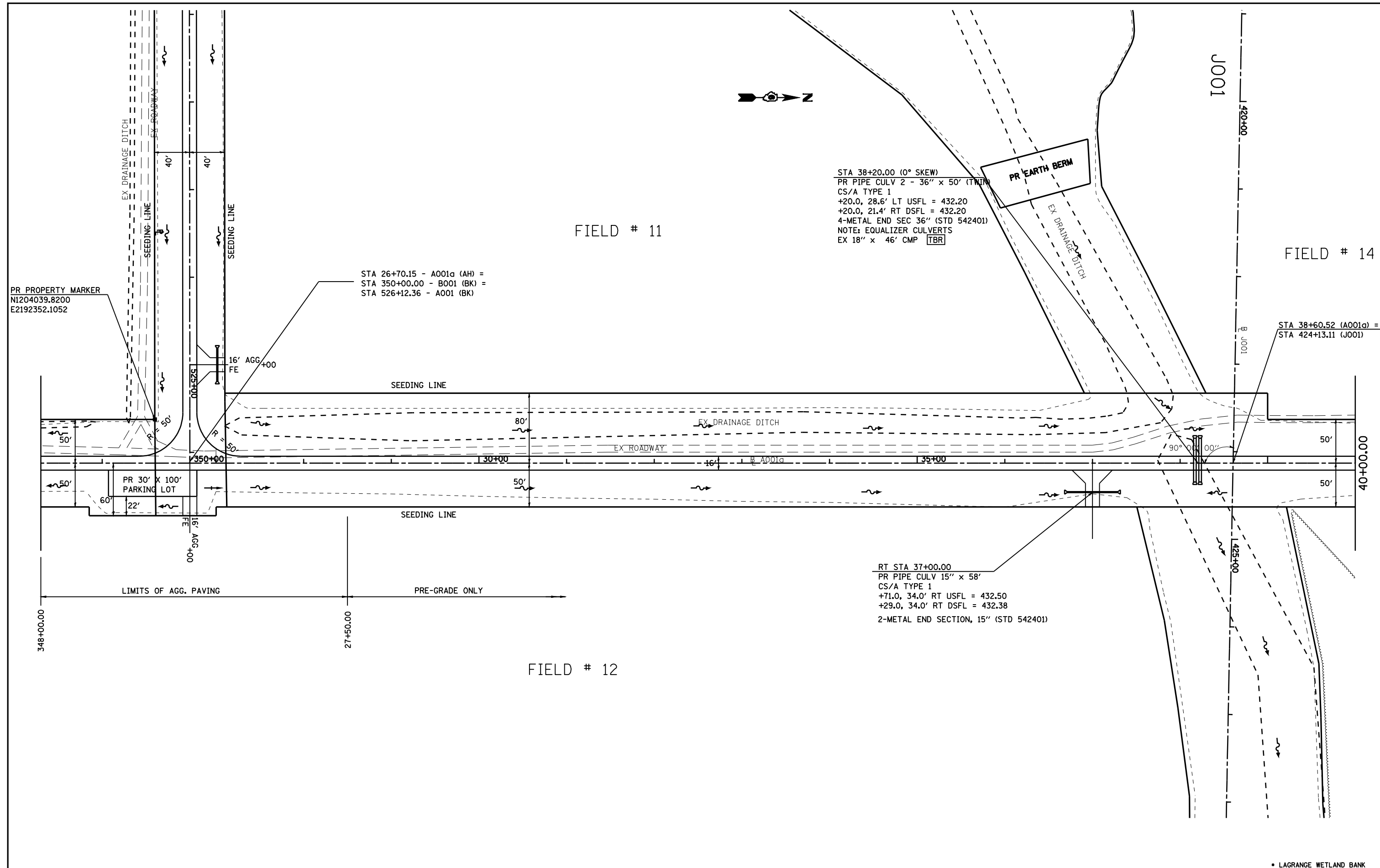
PLAN SHEET - A001

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	BROWN	174	16
CONTRACT NO. 72968				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				







PR PROPERTY MARKER  
N1204039.8200  
E2192352.1052

STA 26+70.15 - A001a (AH) =  
STA 350+00.00 - B001 (BK) =  
STA 526+12.36 - A001 (BK)

STA 38+20.00 (0° SKEW)  
PR PIPE CULV 2 - 36" x 50' (TWIN)  
CS/A TYPE 1  
+20.0, 28.6' LT USFL = 432.20  
+20.0, 21.4' RT DSFL = 432.20  
4-METAL END SEC 36" (STD 542401)  
NOTE: EQUALIZER CULVERTS  
EX 18" x 46' CMP [TBR]

STA 38+60.52 (A001a) =  
STA 424+13.11 (J001)

RT STA 37+00.00  
PR PIPE CULV 15" x 58'  
CS/A TYPE 1  
+71.0, 34.0' RT USFL = 432.50  
+29.0, 34.0' RT DSFL = 432.38  
2-METAL END SECTION, 15" (STD 542401)

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
C:\Projects\d650305\contract 03\sh_t.plt	file001a.dgn	DRAWN - KPG	REVISED -
	PLOT SCALE = 100.0000' / IN.	CHECKED - JCN	REVISED -
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET - A001a**

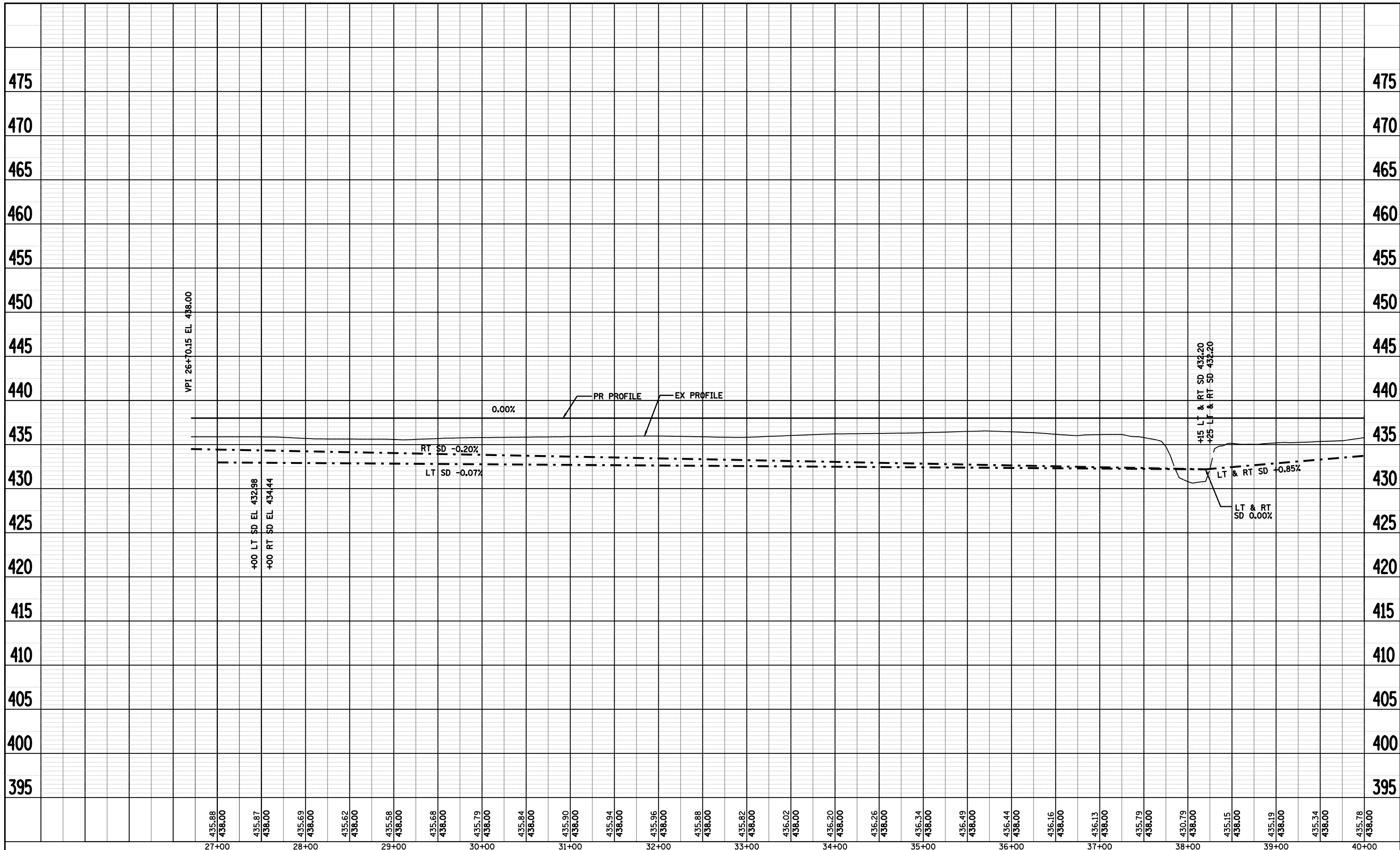
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	BROWN	174	18
CONTRACT NO. 72968				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

• LAGRANGE WETLAND BANK  
•• D6 WETLAND MITIGATION 3

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

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

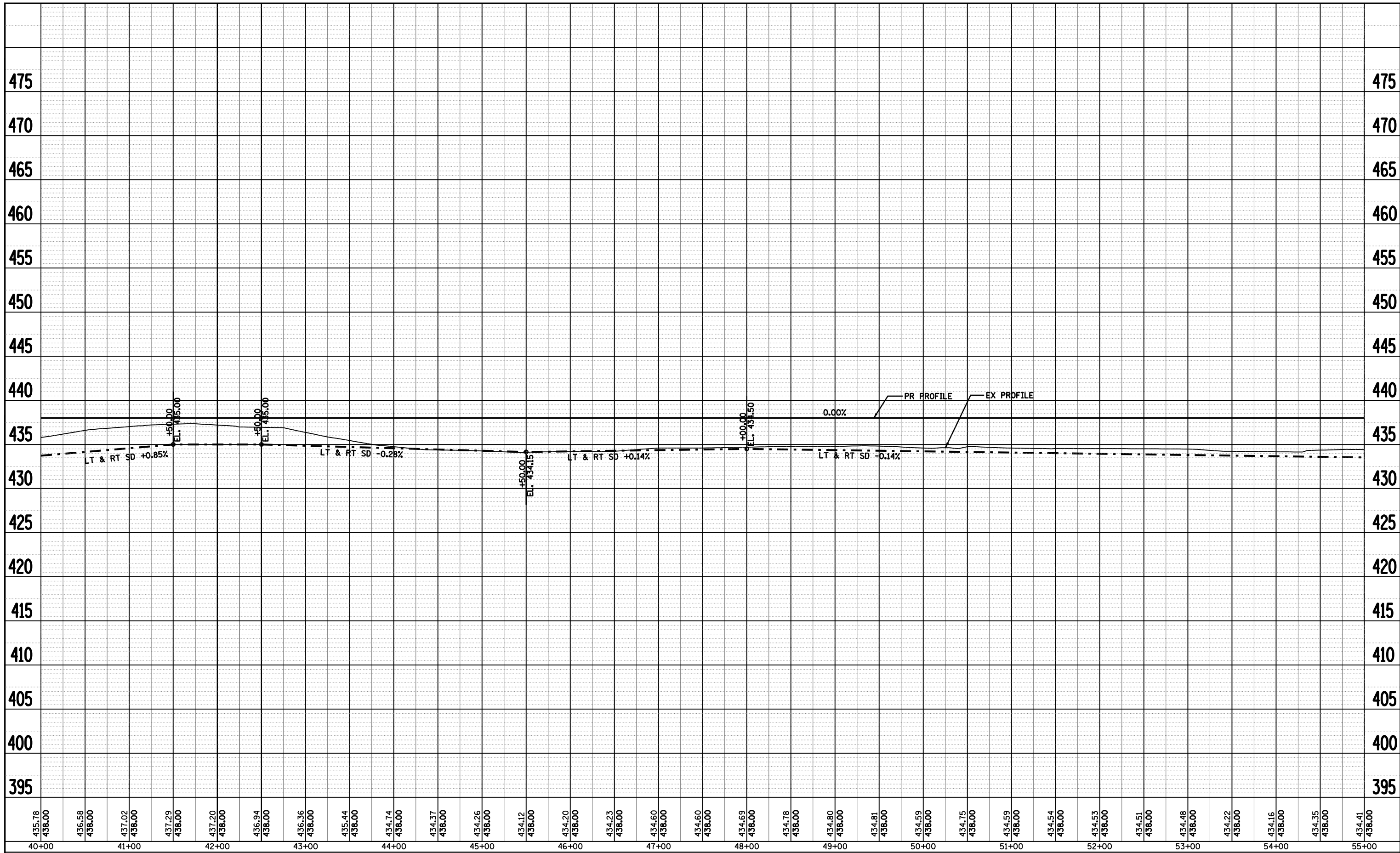


FILE NAME = C:\Projects\d650305\contract 03\sh_t_plotf	USER NAME = laughlinr1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PROFILE SHEET - A001a</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - KPG	REVISED -					•	••	BROWN	174	19
		CHECKED - JCN	REVISED -		CONTRACT NO. 72968							
		DATE	REVISED -		FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT						



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

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE		
	NOTATIS CHFD		
	NO. _____		
	NOTE BOOK		
	NO. _____		



FILE NAME = C:\Projects\d650305\contract 03\sh_t_plotf	USER NAME = laughlin1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PROFILE SHEET - A001a</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - KPG	REVISED -					•	••	BROWN	174	21
		CHECKED - JCN	REVISED -		CONTRACT NO. 72968							
		DATE - Mar-17-2008 12:03:58PM	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	

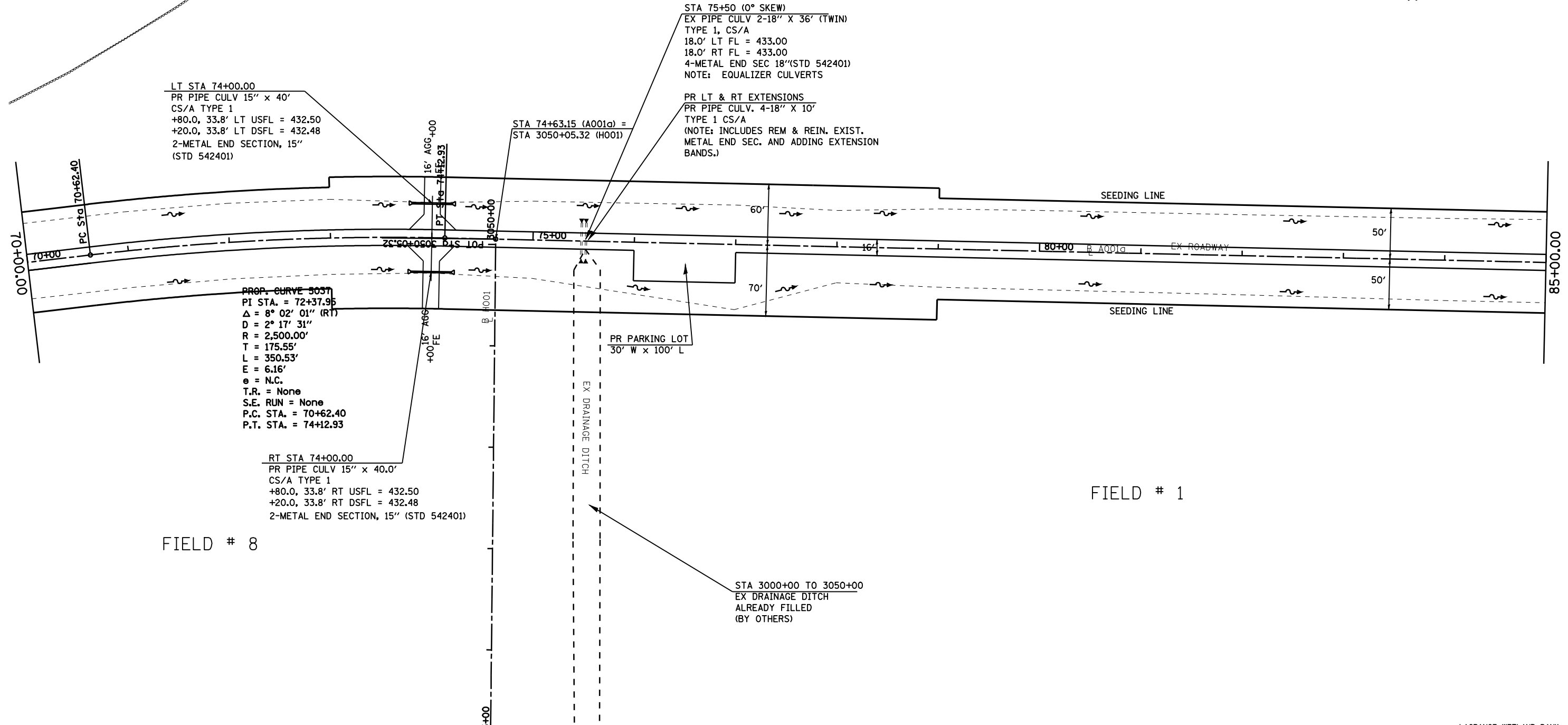
• LAGRANGE WETLAND BANK  
 •• D6 WETLAND MITIGATION 3





FIELD # 5

FIELD # 6



FIELD # 8

FIELD # 1

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
C:\Projects\d650305\contract 03\shd.plt	file001.a001a.dgn	DRAWN - KPG	REVISED -
PLOT SCALE = 100.0000' / IN.	CHECKED - JCN	REVISED -	REVISED -
PLOT DATE = Mar-17-2008 12:04:08PM	DATE -	REVISED -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PLAN SHEET - A001a</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
.	..	BROWN	174	24
CONTRACT NO. 72968				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

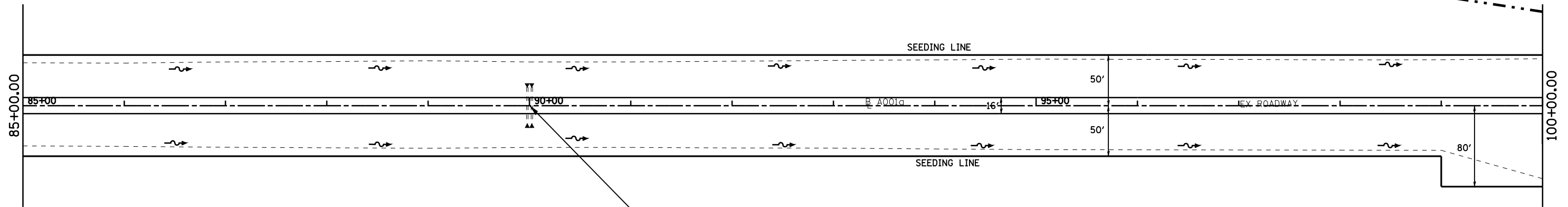
• LAGRANGE WETLAND BANK  
•• D6 WETLAND MITIGATION 3





FIELD # 2

EX HORSESHOE LAKE



STA 90+00 (0° SKEW)  
 EX PIPE CULV 2-18" X 40' (TWIN)  
 TYPE 1, CS/A  
 20.0' LT FL = 432.50  
 20.0' RT FL = 432.50  
 4-METAL END SEC 18"(STD 542401)  
 NOTE: EQUALIZER CULVERTS

FIELD # 1

PR LT & RT EXTENSIONS  
 PR PIPE CULV. 4-18" X 12'  
 TYPE 1 CS/A  
 (NOTE: INCLUDES REM & REIN. EXIST.  
 METAL END SEC. AND ADDING EXTENSION  
 RINGS.)

• LAGRANGE WETLAND BANK  
 •• D6 WETLAND MITIGATION 3

FILE NAME =	USER NAME = laughlin1	DESIGNED -	REVISED -
C:\Projects\d650305\contract 03\sh.t.plt	file001.a001a.dgn	DRAWN - KPG	REVISED -
	PLOT SCALE = 100.0000' / IN.	CHECKED - JCN	REVISED -
	PLOT DATE = Mar-17-2008 12:04:14PM	DATE -	REVISED -

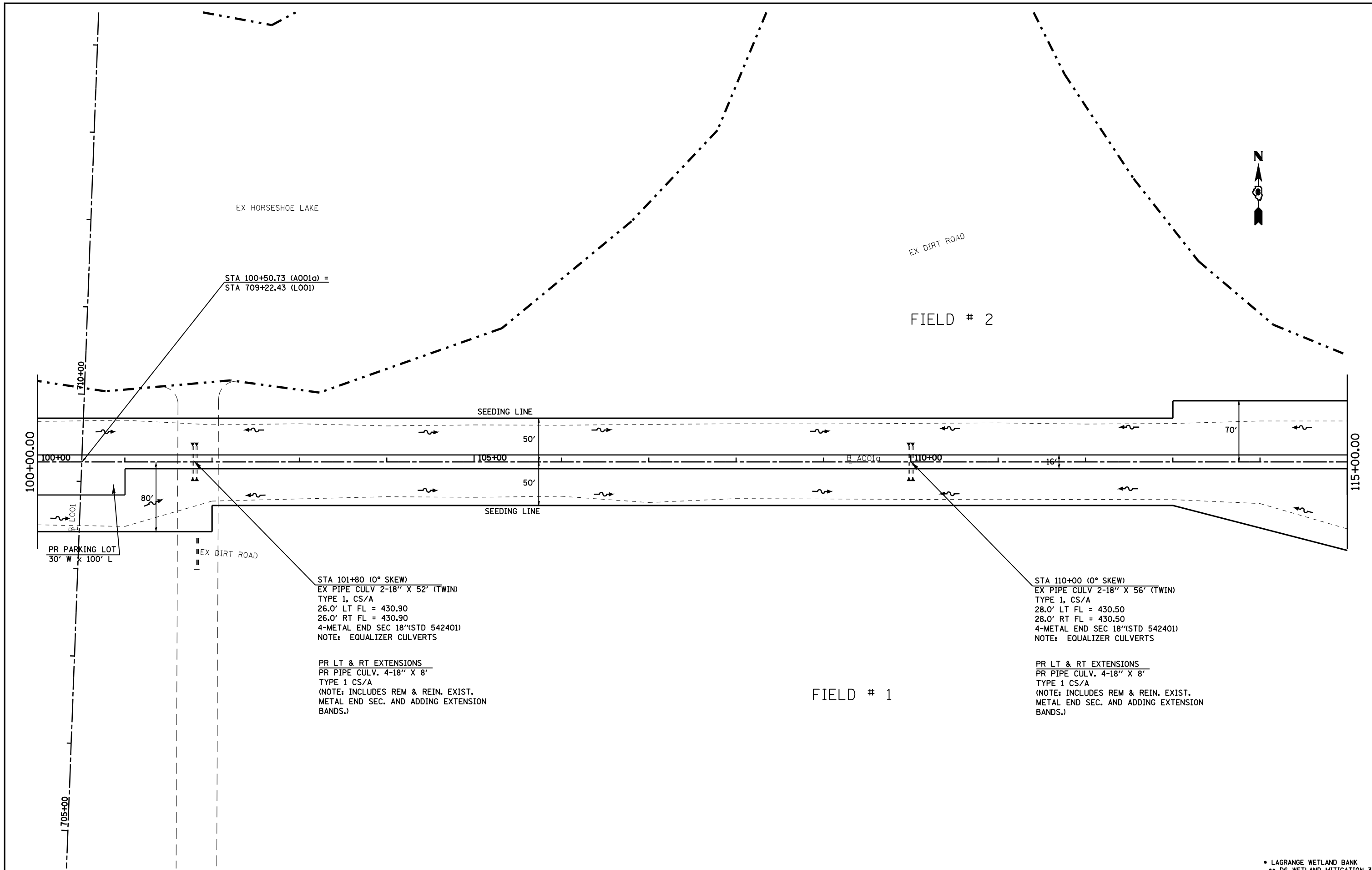
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET - A001a**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	BROWN	174	26
CONTRACT NO. 72968				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				





STA 100+50.73 (A001g) =  
STA 709+22.43 (L001)

STA 101+80 (0° SKEW)  
EX PIPE CULV 2-18" X 52' (TWIN)  
TYPE 1, CS/A  
26.0' LT FL = 430.90  
26.0' RT FL = 430.90  
4-METAL END SEC 18"(STD 542401)  
NOTE: EQUALIZER CULVERTS

PR LT & RT EXTENSIONS  
PR PIPE CULV. 4-18" X 8'  
TYPE 1 CS/A  
(NOTE: INCLUDES REM & REIN. EXIST.  
METAL END SEC. AND ADDING EXTENSION  
BANDS.)

STA 110+00 (0° SKEW)  
EX PIPE CULV 2-18" X 56' (TWIN)  
TYPE 1, CS/A  
28.0' LT FL = 430.50  
28.0' RT FL = 430.50  
4-METAL END SEC 18"(STD 542401)  
NOTE: EQUALIZER CULVERTS

PR LT & RT EXTENSIONS  
PR PIPE CULV. 4-18" X 8'  
TYPE 1 CS/A  
(NOTE: INCLUDES REM & REIN. EXIST.  
METAL END SEC. AND ADDING EXTENSION  
BANDS.)

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
C:\Projects\d650305\contract 03\sh.t.plt	file001.a001a.dgn	DRAWN - KPG	REVISED -
	PLOT SCALE = 100.0000' / IN.	CHECKED - JCN	REVISED -
	PLOT DATE = Mar-17-2008 12:04:21PM	DATE -	REVISED -

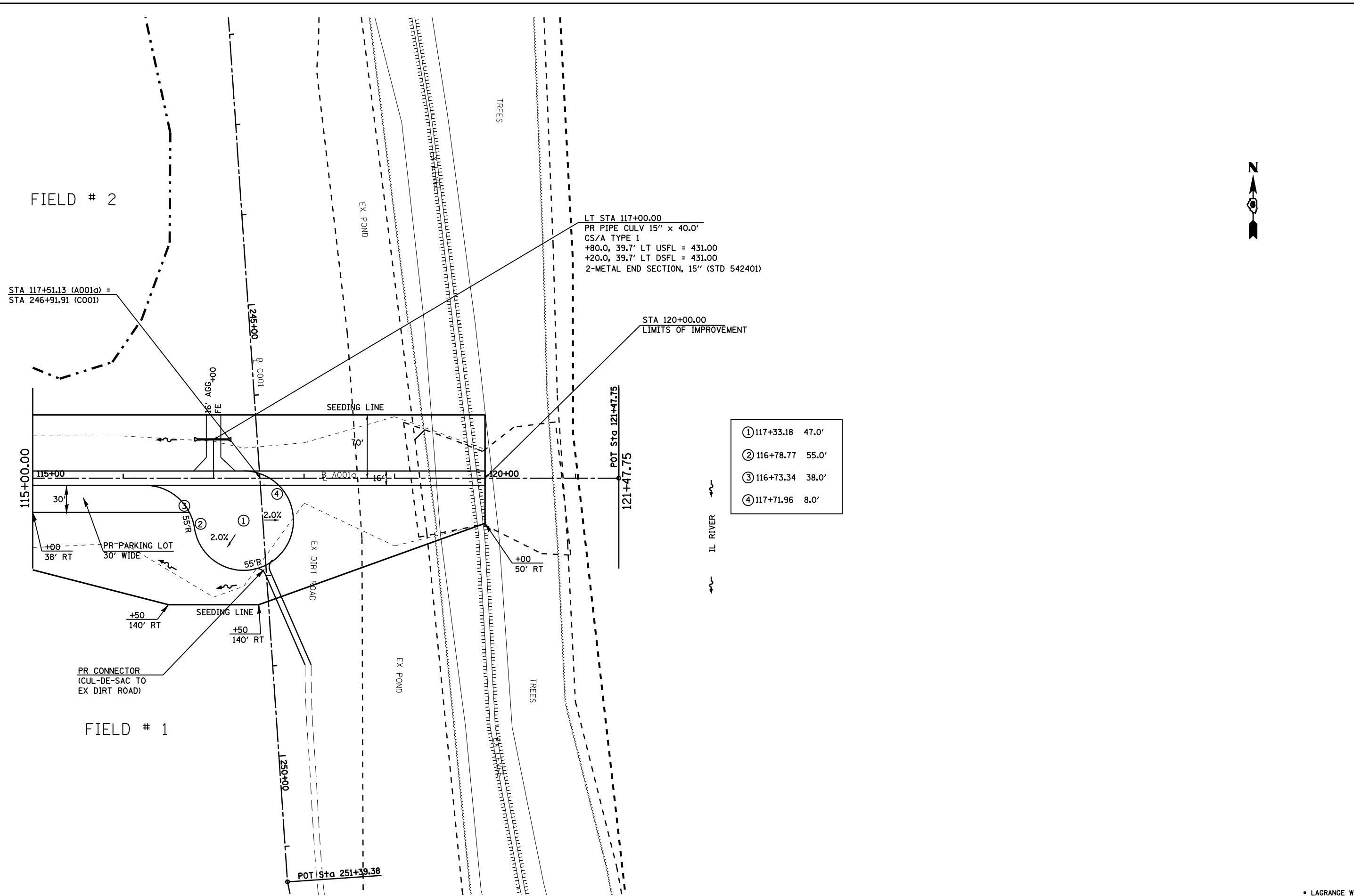
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET - A001a**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

• LAGRANGE WETLAND BANK		•• D6 WETLAND MITIGATION 3	
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
*	**	BROWN	174
			SHEET NO. 28
CONTRACT NO. 72968			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		





①	117+33.18	47.0'
②	116+78.77	55.0'
③	116+73.34	38.0'
④	117+71.96	8.0'

• LAGRANGE WETLAND BANK  
 •• D6 WETLAND MITIGATION 3

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
C:\Projects\d650305\contract 03\sh_t.plt	file001.a001a.dgn	DRAWN - KPG	REVISED -
	PLOT SCALE = 100.0000' / IN.	CHECKED - JCN	REVISED -
	PLOT DATE = Mar-17-2008 12:04:28PM	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

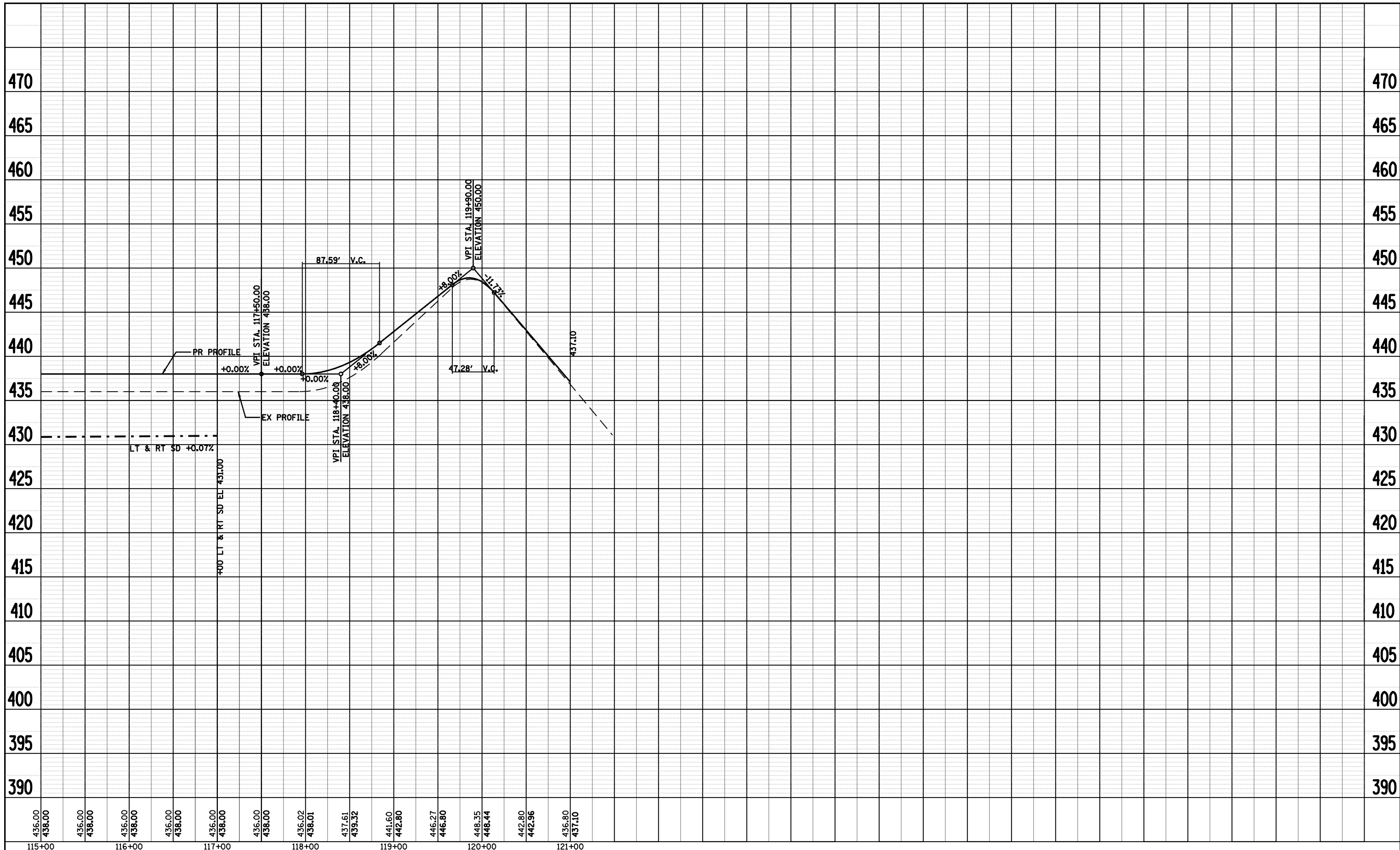
**PLAN SHEET - A001a**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	BROWN	174	30
CONTRACT NO. 72968				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	ALIGNED		
	FILE NAME		
	NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	STRUCTURE		
	NOTATION		
	NO.		



436.00	438.00	436.00	438.00	436.00	438.00	436.00	438.00	436.02	438.01	437.61	439.32	441.60	442.80	446.27	446.80	448.35	448.44	442.80	442.96	436.80	437.10
115+00	116+00	117+00	118+00	119+00	120+00	121+00															

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USER NAME =	loughlinr1	DRAWN -	KPG
PLOT SCALE =	100.0000' / IN.	CHECKED -	JCN
PLOT DATE =	Mar-17-2008 12:04:31PM	DATE -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO	STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	BROWN	174	31
CONTRACT NO. 72968				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

• LAGRANGE WETLAND BANK  
•• D6 WETLAND MITIGATION 3

STA 101+00.00, 258' LT  
 PR PROPERTY MARKER  
 N 1204005.31  
 E 2189546.04  
 END CABLE A/C FENCE

PRIVATE PROPERTY  
 (CHARLES SNYDER)



STA 115+00.00, 279' LT  
 PR PROPERTY MARKER  
 N 1205405.47  
 E 2189548.09

PR CABLE  
 A/C FENCE  
 (SEE DETAILS)

EX LEVEE

STA 100+00

STA 115+00

100+00

105+00

⊕ C001

POT Sta 400+00.00  
 110+00

89° 29' 25"

⊕ J001

STA 109+86.54 (C001) =  
 STA 400+00.00 (J001)

SEEDING LINE

VAR.

40'

SEEDING LINE

EX DRAINAGE DITCH  
 TO BE REGRADED  
 (SEE CROSS SECTIONS)

FIELD # 11  
 STATE OF ILLINOIS

FIELD # 14

- LAGRANGE WETLAND BANK
- D6 WETLAND MITIGATION 3

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
C:\Projects\d650305\contract 03\plan.cop1.dgn		DRAWN - KPG	REVISED -
	PLOT SCALE = 100.0000' / IN.	CHECKED - JCN	REVISED -
	PLOT DATE = Mar-17-2008 12:04:42PM	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET - C001**

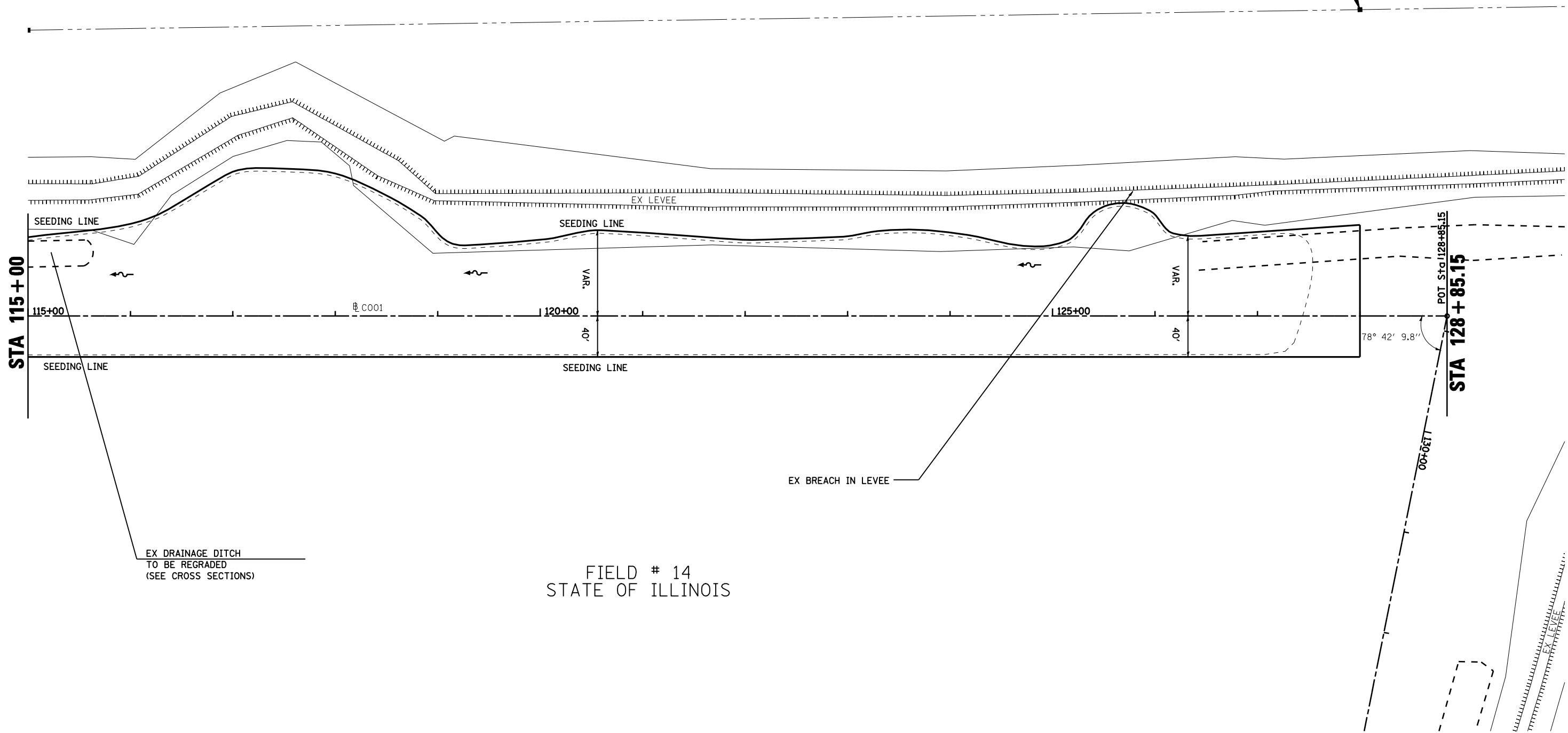
SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	BROWN	174	32
CONTRACT NO. 72968				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



PRIVATE PROPERTY  
(CHARLES SNYDER)

STA 128+00.00, 299' LT  
PR PROPERTY MARKER  
N 1206705.62  
E 2189550.00



EX BREACH IN LEVEE

EX DRAINAGE DITCH  
TO BE REGRADED  
(SEE CROSS SECTIONS)

FIELD # 14  
STATE OF ILLINOIS

- LAGRANGE WETLAND BANK
- D6 WETLAND MITIGATION 3

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PLAN SHEET - C001

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	BROWN	174	33
CONTRACT NO. 72968				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

PRIVATE PROPERTY  
(ROGER REESE)

FIELD # 14  
STATE OF ILLINOIS



STA 412+00

STA 109+86.54 (C001) =  
STA 400+00.00 (J001)

POT Sta 400+00.00  
110+00

40'

90° 30' 34"

405+00

J001

410+00

EX DRAINAGE DITCH  
TO BE REGRADED  
(SEE CROSS SECTIONS)

PROPOSED WATER  
DETENTION AREA  
(SEE CROSS SECTIONS)

SEEDING LINE

PR ISLAND  
(SEE X-SECTIONS)

FIELD # 11  
STATE OF ILLINOIS

105+00

C001

400'

SEEDING LINE

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
C:\Projects\d650305\contract 03\plan-j001.dgn		DRAWN - KPG	REVISED -
PLOT SCALE = 100.0000' / IN.		CHECKED - JCN	REVISED -
PLOT DATE = Mar-17-2008 12:05:03PM		DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PLAN SHEET - J001

SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.
--------	-----------	-----------	------	---------

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
.	..	BROWN	174	34
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 72968	

- LAGRANGE WETLAND BANK
- D6 WETLAND MITIGATION 3



FIELD # 14  
STATE OF ILLINOIS

FIELD # 7  
STATE OF ILLINOIS

STA 412+00

STA 427+00

415+00

J001

420+00

425+00

STA 424+13.11 (J001) =  
STA 38+60.52 (A001)

PROPOSED WATER  
DETENTION AREA  
(SEE CROSS SECTIONS)

EX DRAINAGE DITCH  
TO BE REGRADED  
(SEE CROSS SECTIONS)

SEEDING LINE

EX DRAINAGE DITCH  
TO BE REGRADED  
(SEE CROSS SECTIONS)

PR. EARTH BERM

EX DRAINAGE DITCH  
TO BE REGRADED  
(SEE CROSS SECTIONS)

EX FE  
6' AGG  
+00

PR ISLAND  
(SEE X-SECTIONS)

400'

SEEDING LINE

FIELD # 12  
STATE OF ILLINOIS

FIELD # 11  
STATE OF ILLINOIS

- LAGRANGE WETLAND BANK
- D6 WETLAND MITIGATION 3

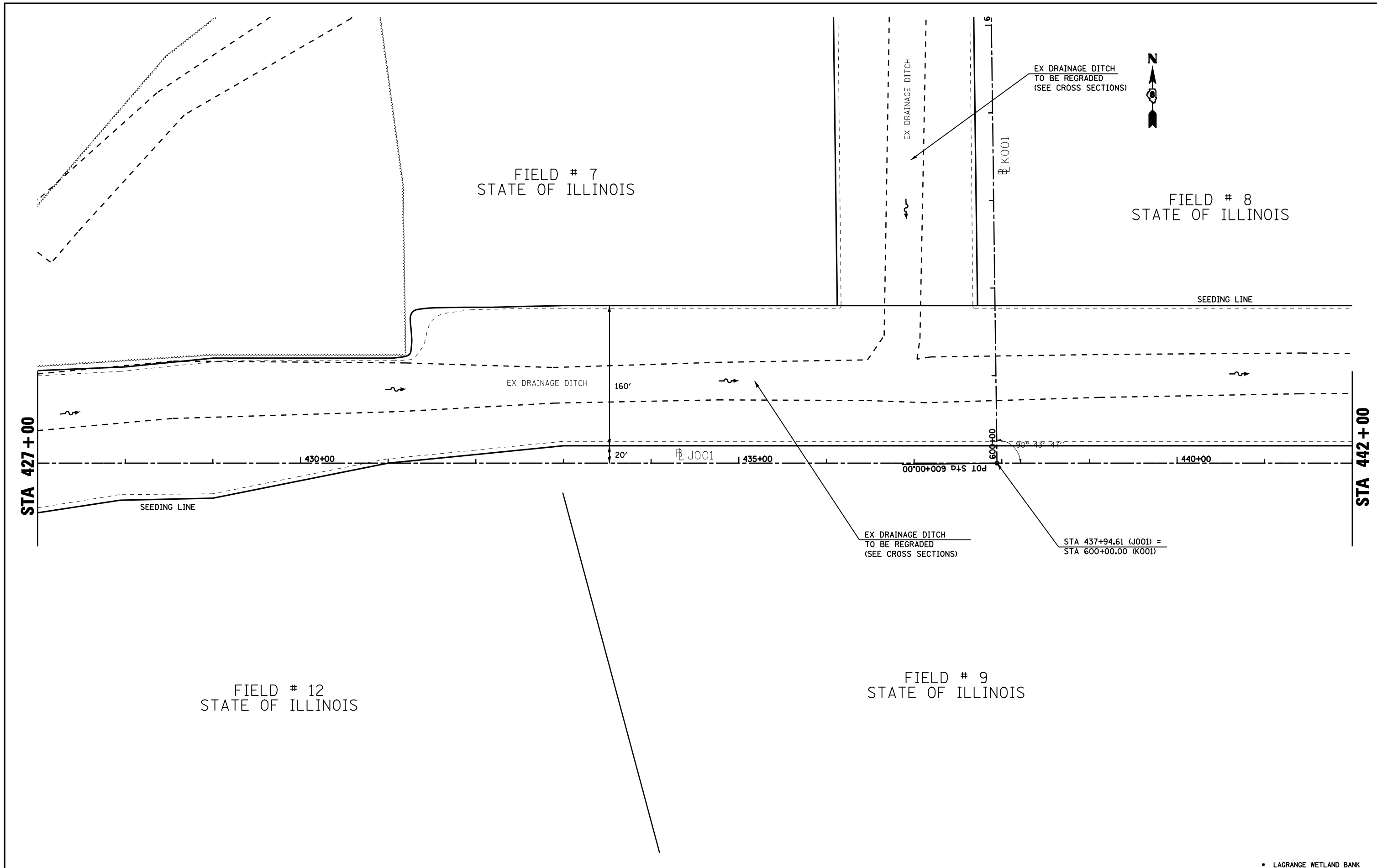
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		CHECKED - JCN	REVISED -
		DATE -	REVISED -
	PLOT SCALE = 100.0000' / IN.		
	PLOT DATE = Mar-17-2008 12:05:12PM		

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PLAN SHEET - J001

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	BROWN	174	35
CONTRACT NO. 72968				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
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	PLOT SCALE = 100.0000' / IN.	CHECKED - JCN	REVISED -
	PLOT DATE = Mar-17-2008 12:05:21PM	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PLAN SHEET - J001</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

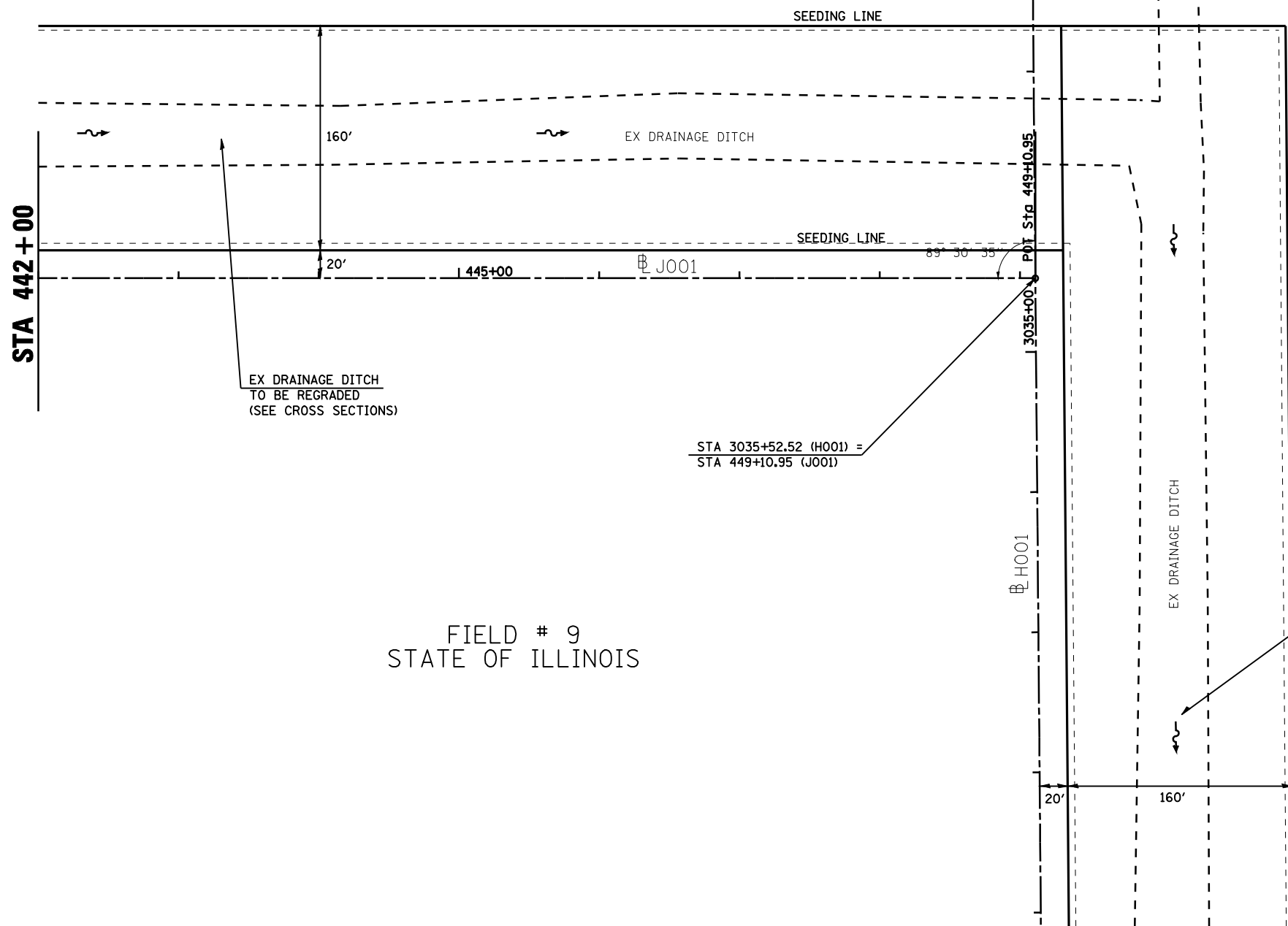
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	BROWN	174	36
CONTRACT NO. 72968				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

- LAGRANGE WETLAND BANK
- D6 WETLAND MITIGATION 3

FIELD # 8  
STATE OF ILLINOIS

FIELD # 1  
STATE OF ILLINOIS

FIELD # 9  
STATE OF ILLINOIS



STA 3038+00 TO STA 3050+00  
EX DRAINAGE DITCH  
PREVIOUSLY DEACTIVATED  
BY GRADING  
(BY OTHERS)



EX DRAINAGE DITCH  
TO BE REGRADED  
(SEE CROSS SECTIONS)

STA 3035+52.52 (H001) =  
STA 449+10.95 (J001)

EX DRAINAGE DITCH  
TO BE REGRADED  
(SEE CROSS SECTIONS)

- LAGRANGE WETLAND BANK
- D6 WETLAND MITIGATION 3

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
C:\Projects\d650305\contract 03\plan-j001.dgn		DRAWN - KPG	REVISED -
	PLOT SCALE = 100.0000' / IN.	CHECKED - JCN	REVISED -
	PLOT DATE = Mar-17-2008 12:05:30PM	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET - J001**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	BROWN	174	37
CONTRACT NO. 72968				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

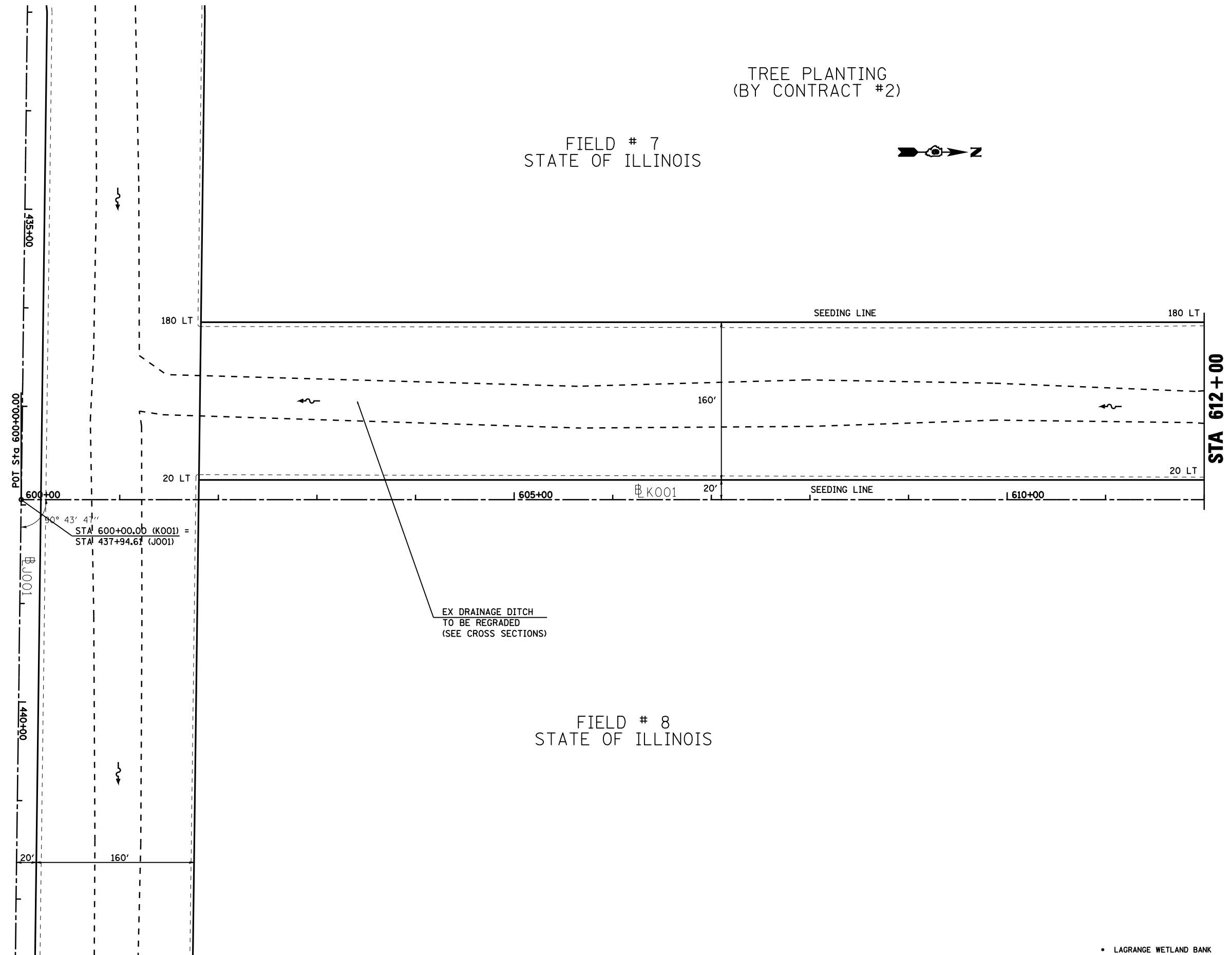
TREE PLANTING  
(BY CONTRACT #2)

FIELD # 7  
STATE OF ILLINOIS



FIELD # 9  
STATE OF ILLINOIS

FIELD # 8  
STATE OF ILLINOIS



• LAGRANGE WETLAND BANK  
•• D6 WETLAND MITIGATION 3

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
C:\Projects\d650305\contract 03\plan.kop1.dgn		DRAWN - KPG	REVISED -
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

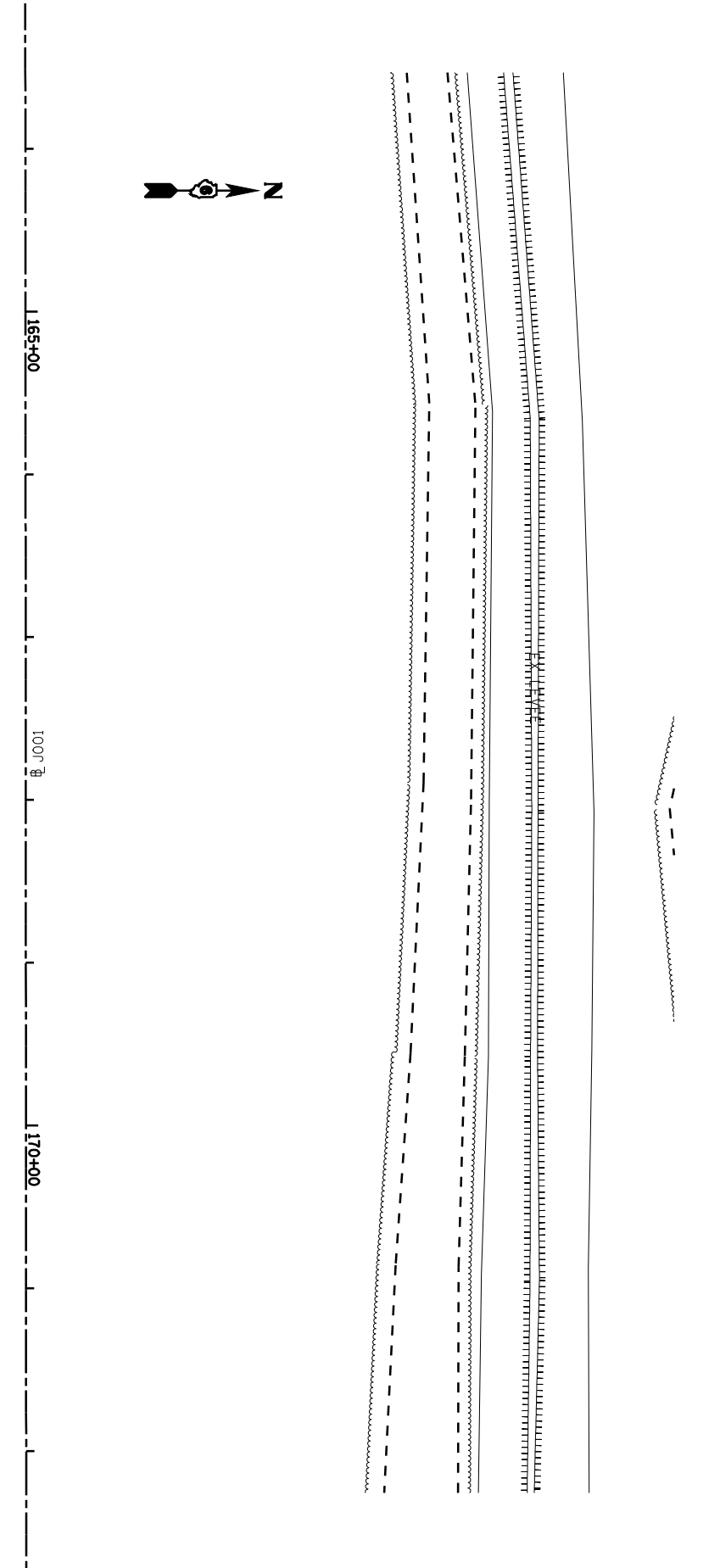
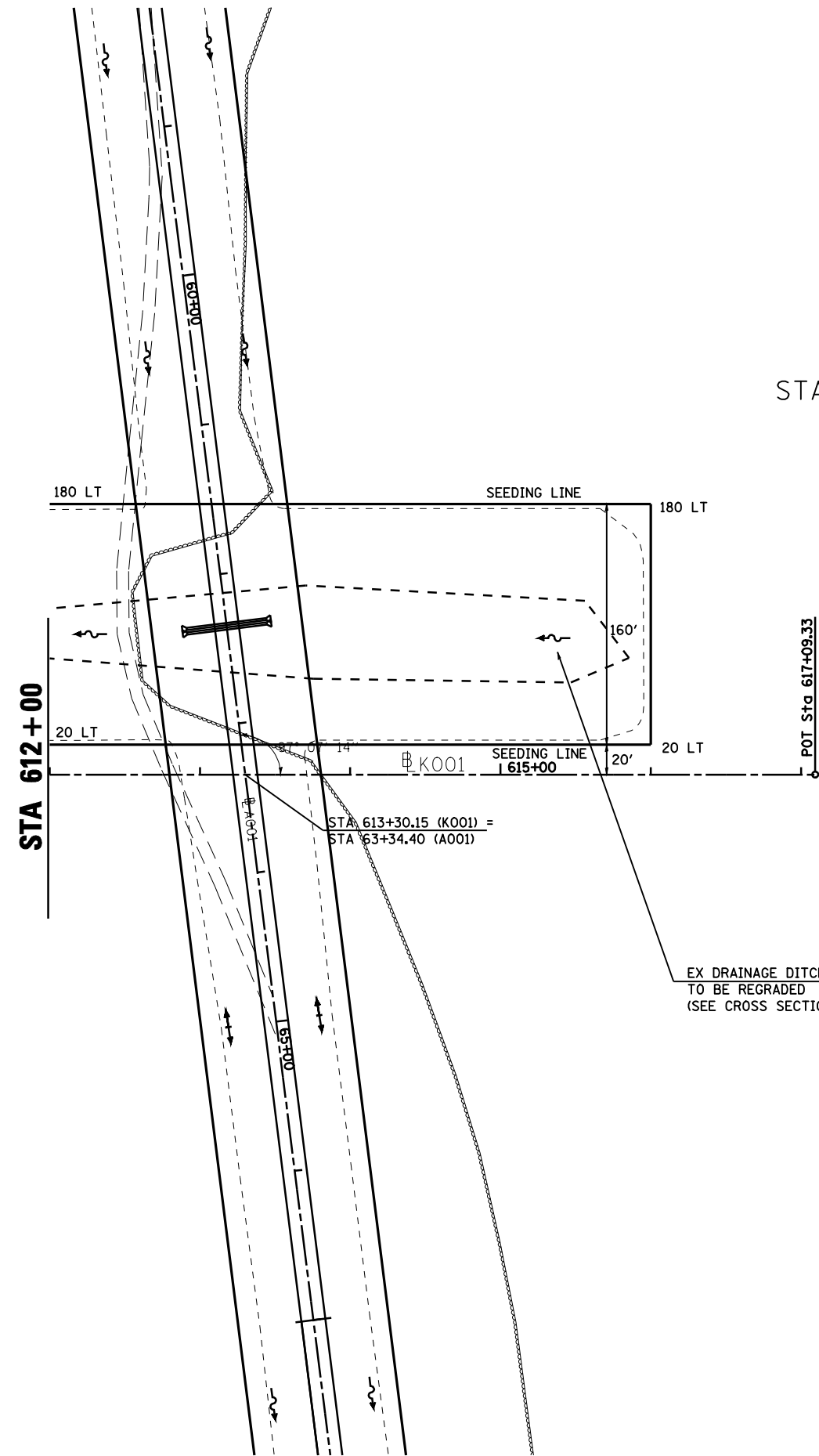
**PLAN SHEET - K001**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	BROWN	174	38
CONTRACT NO. 72968				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

FIELD # 5  
STATE OF ILLINOIS

TREES  
(BRUSH & DEAD TREES)



• LAGRANGE WETLAND BANK  
•• D6 WETLAND MITIGATION 3

FILE NAME = C:\Projects\d650305\contract 03\plan.k01.dgn	USER NAME = laughlinr1	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / IN.	CHECKED - JCN	DRAWN - KPG	REVISED -
PLOT DATE = Mar-17-2008 12:05:41PM	DATE -		REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PLAN SHEET - K001

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	BROWN	174	39
CONTRACT NO. 72968				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

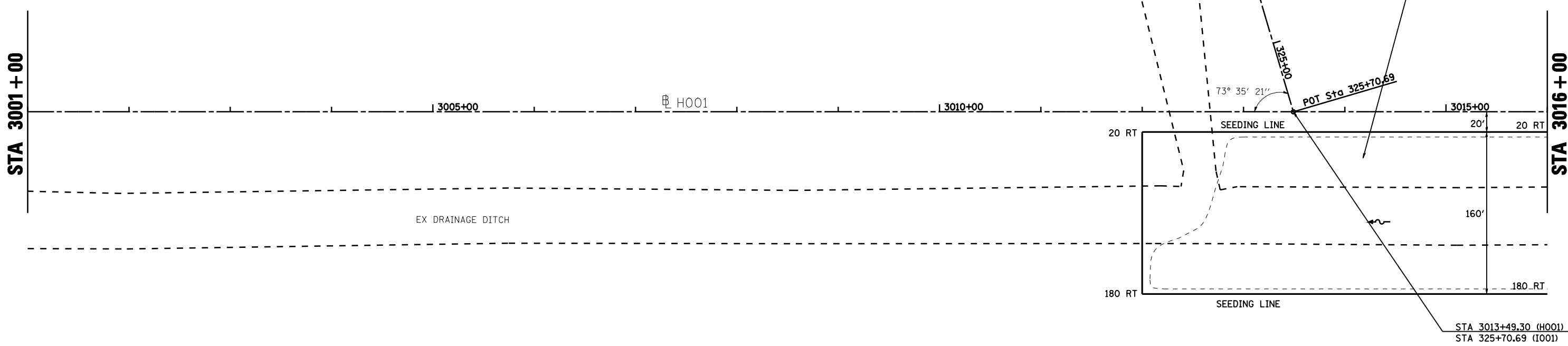
FIELD # 10  
STATE OF ILLINOIS

FIELD # 9  
STATE OF ILLINOIS

FIELD # 1  
STATE OF ILLINOIS

STA 3001+00

STA 3016+00



- LAGRANGE WETLAND BANK
- D6 WETLAND MITIGATION 3

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
C:\Projects\4650305\contract 03\plan_ho01.dgn		DRAWN - KPG	REVISED -
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

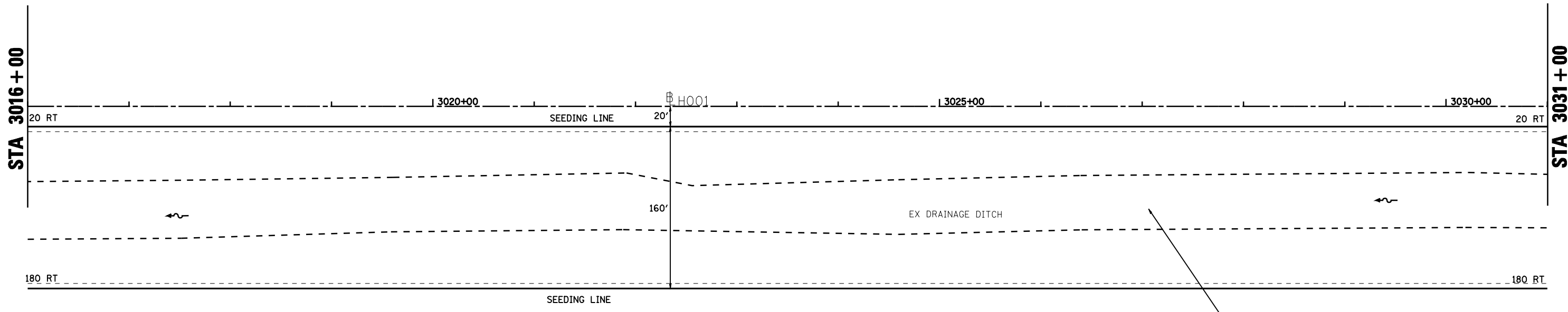
**PLAN SHEET - H001**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	BROWN	174	40
CONTRACT NO. 72968				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



FIELD # 9  
STATE OF ILLINOIS



FIELD # 1  
STATE OF ILLINOIS

- LAGRANGE WETLAND BANK
- D6 WETLAND MITIGATION 3

FILE NAME = C:\Projects\d650305\contract 03\plan_h001.dgn	USER NAME = laughlinr1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN SHEET - H001</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN - KPG	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	•	••	BROWN	174	41
		CHECKED - JCN	REVISED -		CONTRACT NO. 72968									
		DATE -	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT									

FIELD # 9  
STATE OF ILLINOIS

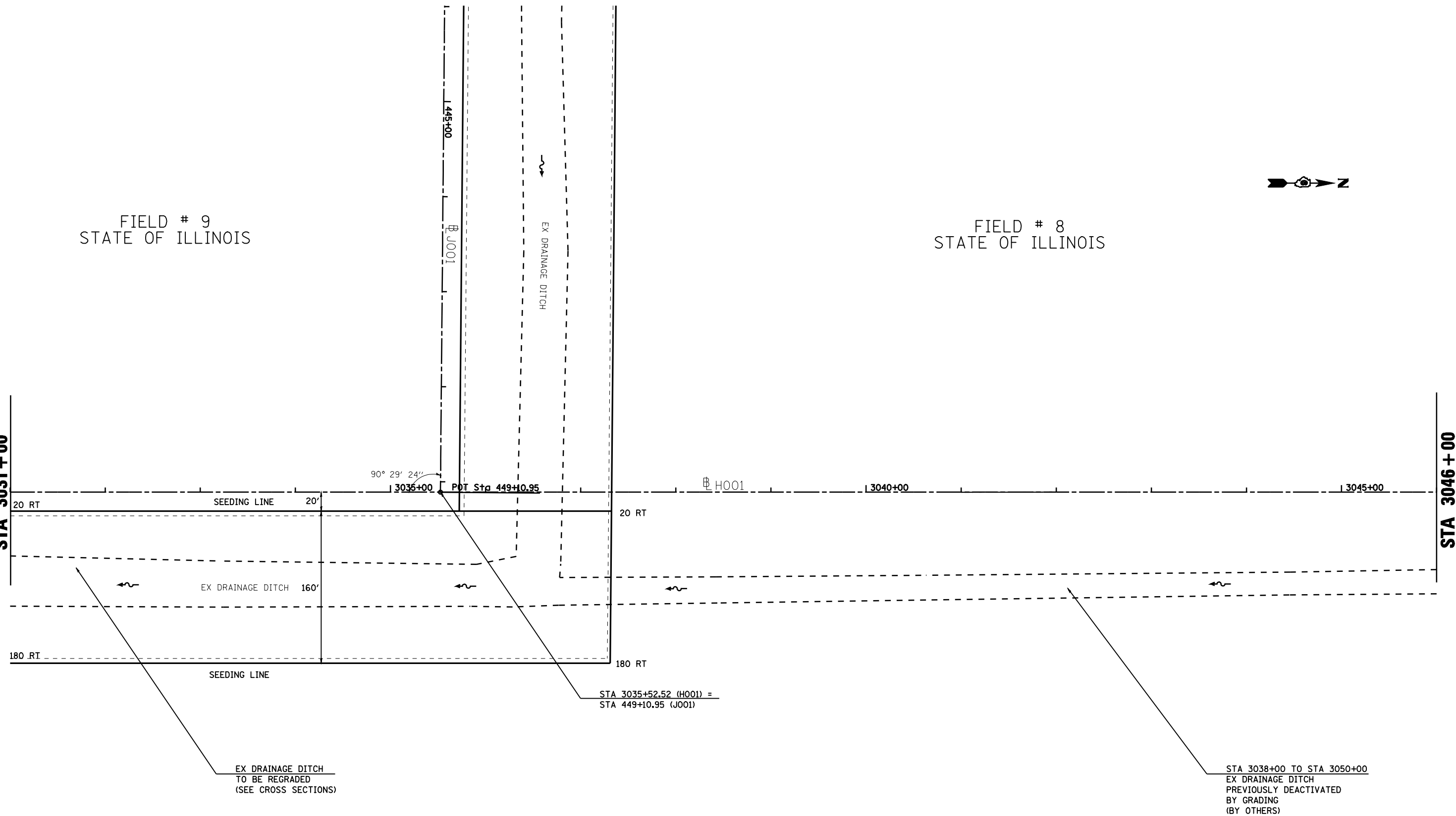
FIELD # 8  
STATE OF ILLINOIS

FIELD # 1  
STATE OF ILLINOIS



STA 3031+00

STA 3046+00



EX DRAINAGE DITCH  
TO BE REGRADED  
(SEE CROSS SECTIONS)

STA 3038+00 TO STA 3050+00  
EX DRAINAGE DITCH  
PREVIOUSLY DEACTIVATED  
BY GRADING  
(BY OTHERS)

STA 3035+52.52 (H001) =  
STA 449+10.95 (J001)

- LAGRANGE WETLAND BANK
- D6 WETLAND MITIGATION 3

FILE NAME = C:\Projects\d650305\contract 03\plan_ho1.dgn	USER NAME = laughlinr1	DESIGNED -	REVISED -
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		CHECKED - JCN	REVISED -
		DATE -	REVISED -
	PLOT SCALE = 100.0000' / IN.		
	PLOT DATE = Mar-17-2008 12:06:14PM		

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PLAN SHEET - H001

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	BROWN	174	42
CONTRACT NO. 72968				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

FIELD # 9  
STATE OF ILLINOIS

FIELD # 5  
STATE OF ILLINOIS

FIELD # 1  
STATE OF ILLINOIS

PROP. CURVE S037  
PI STA. = 72+37.95  
Δ = 8° 02' 01" (RT)  
D = 2° 17' 31"  
R = 2,500.00'  
T = 175.55'  
L = 350.53'  
E = 6.16'  
e = N.C.  
T.R. = None  
S.E. RUN = None  
P.C. STA. = 70+62.40  
P.T. STA. = 74+12.93



STA 3046 + 00

EX FE 16' AGO  
PT 74+12.93  
EX FE 16' AGO

STA 3050+05.32 (H001) =  
STA 74+63.15 (A001)

90° 40' 23"

STA 75+50 (0° SKEW)  
EX PIPE CULV 2-18" X 36' (TWIN)  
TYPE 1, CS/A  
18.0' LT FL = 433.00  
18.0' RT FL = 433.00  
4-METAL END SECTIONS 18" (STD 542401)  
NOTE: EQUALIZER CULVERTS

EX DRAINAGE DITCH

STA 3038+00 TO STA 3050+00  
EX DRAINAGE DITCH  
PREVIOUSLY DEACTIVATED  
BY GRADING  
(BY OTHERS)

• LAGRANGE WETLAND BANK  
•• D6 WETLAND MITIGATION 3

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
C:\Projects\d650305\contract 03\plan_ho1.dgn		DRAWN - KPG	REVISED -
	PLOT SCALE = 100.0000' / IN.	CHECKED - JCN	REVISED -
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

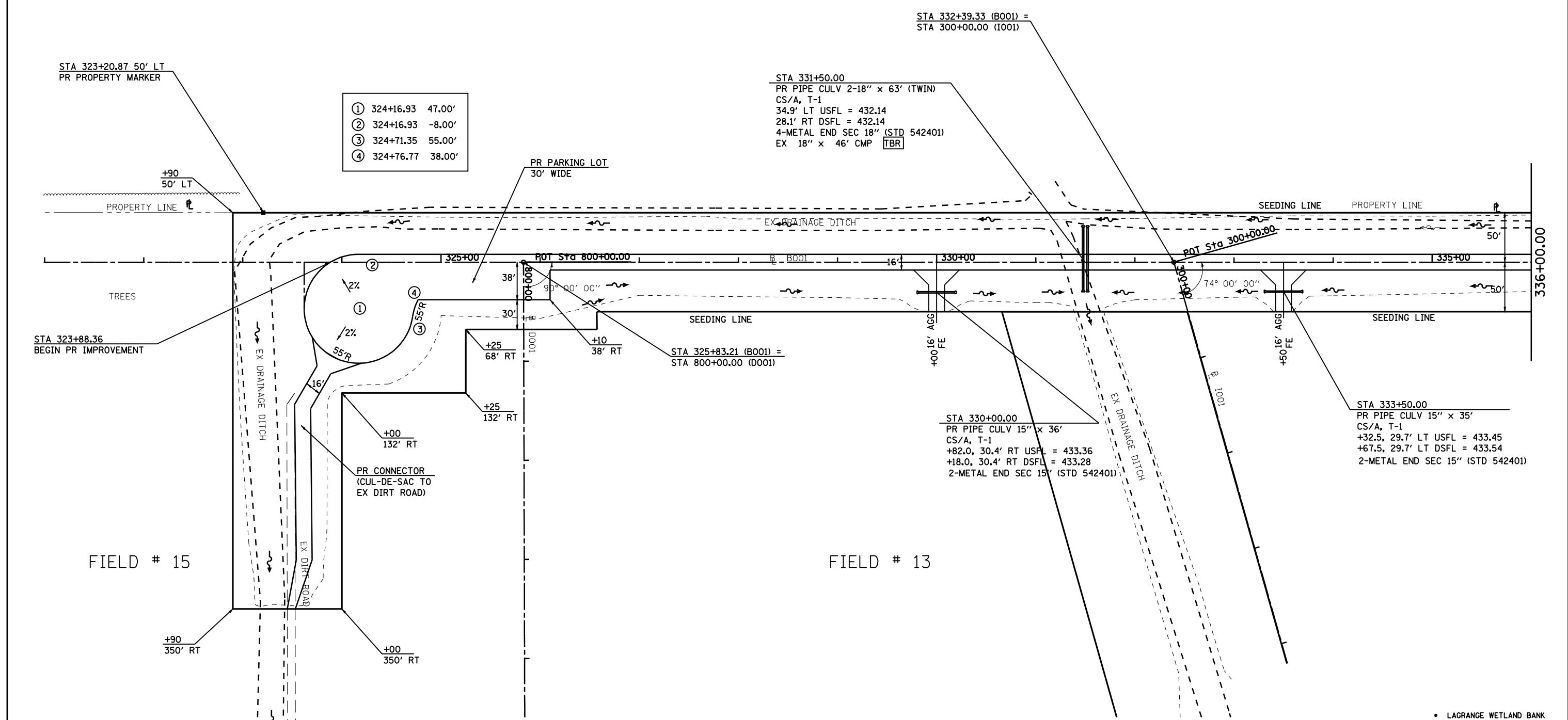
PLAN SHEET - H001

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	BROWN	174	43
CONTRACT NO. 72968				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



PRIVATE PROPERTY



FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
C:\Projects\d650305\contract 03\shd.plt	fileb001.dgn	DRAWN - KPG	REVISED -
	PLOT SCALE = 100.0000' / IN.	CHECKED - JCN	REVISED -
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET - B001**

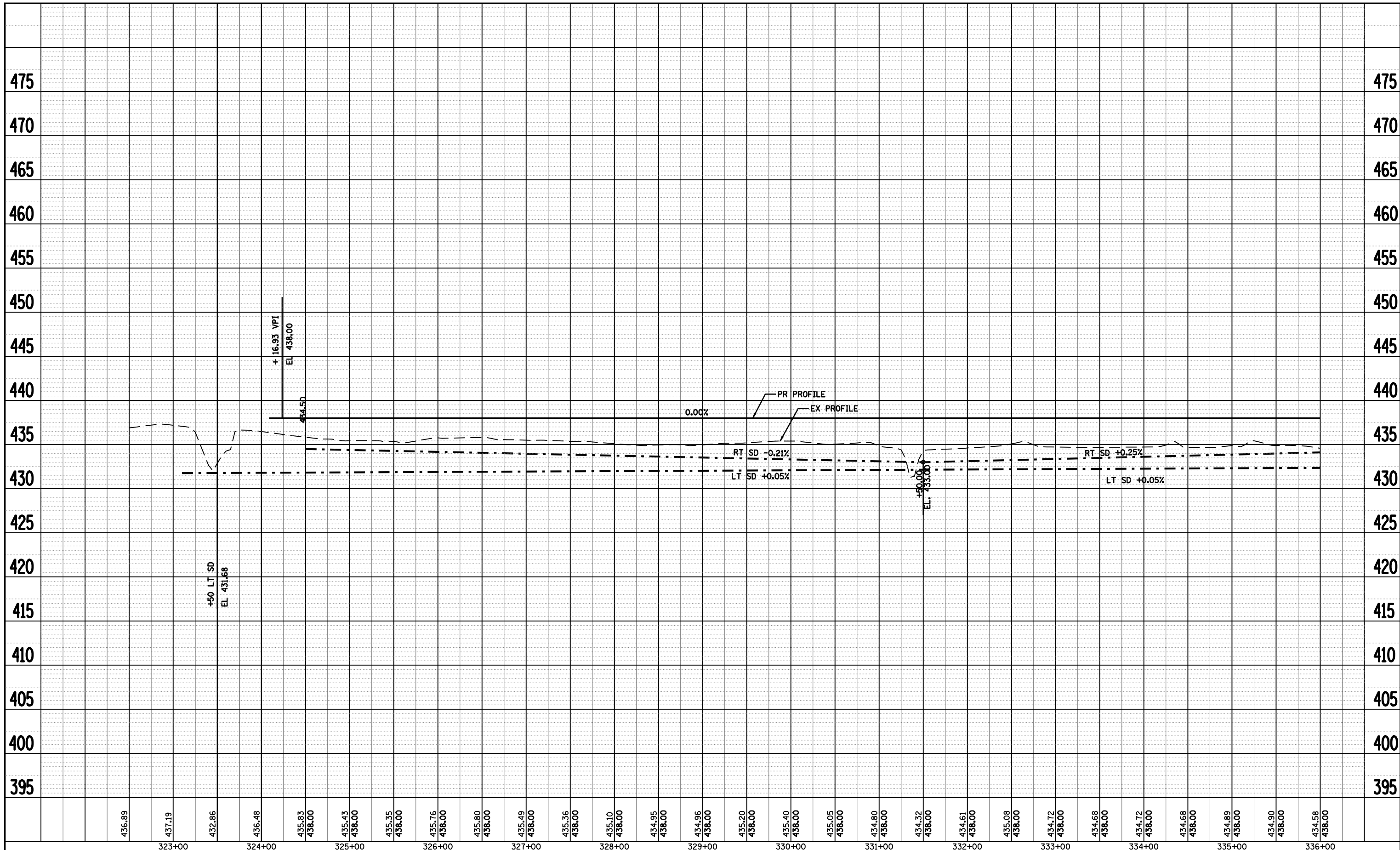
SCALE:      SHEET NO.      OF SHEETS      STA.      TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
.	..	BROWN	174	44
CONTRACT NO. 72968				
FED. ROAD DIST. NO.      ILLINOIS FED. AID PROJECT				

• LAGRANGE WETLAND BANK  
• D6 WETLAND MITIGATION 3

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

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE		
	NOTATIS CHFD		
	NO. _____		



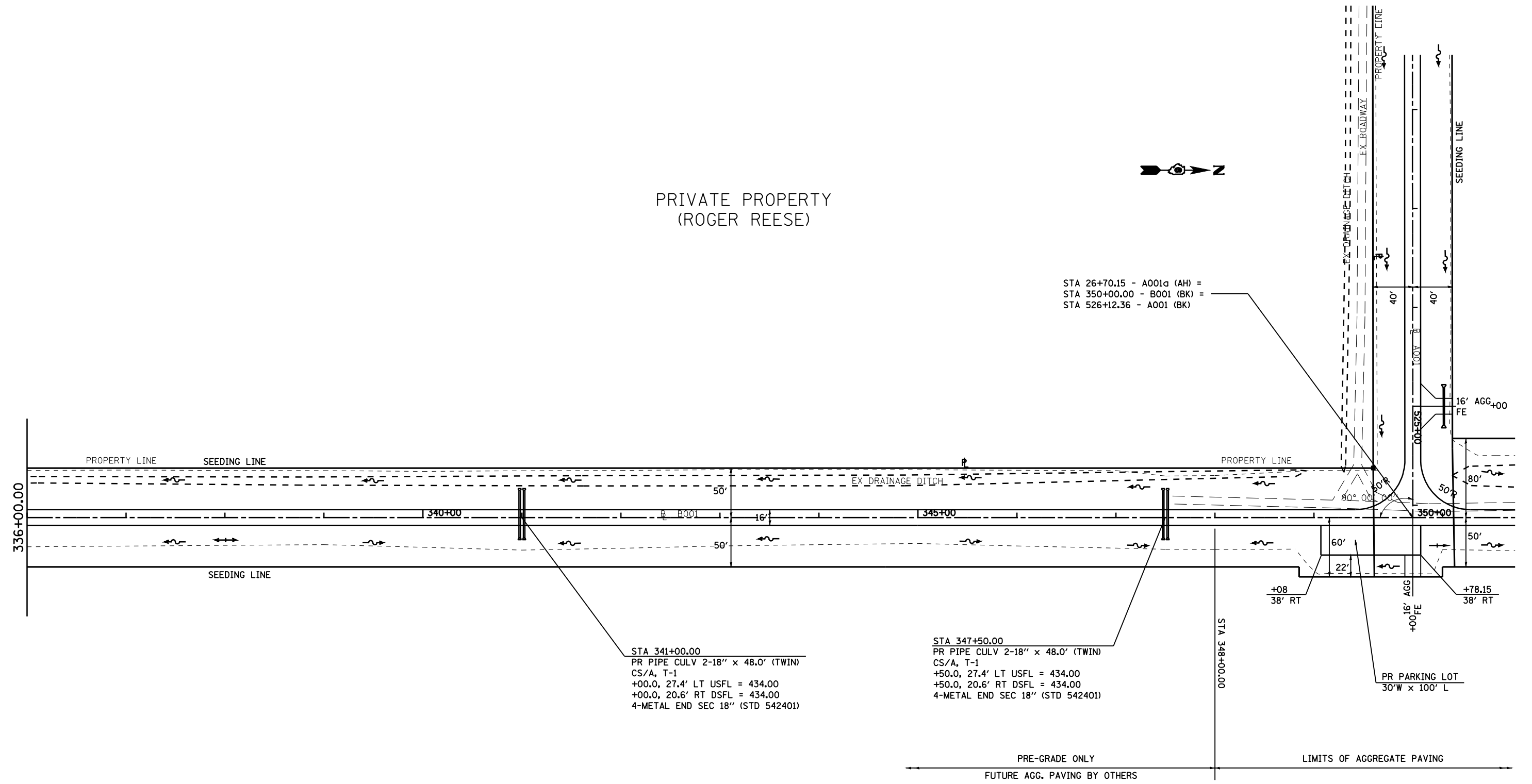
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		DRAWN - KPG	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	•	**	BROWN	174	45
		CHECKED - JCN	REVISED -						CONTRACT NO. 72968					
		DATE -	REVISED -						FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

• LAGRANGE WETLAND BANK  
 \*\* D6 WETLAND MITIGATION 3

PRIVATE PROPERTY  
(ROGER REESE)



STA 26+70.15 - A001a (AH) =  
STA 350+00.00 - B001 (BK) =  
STA 526+12.36 - A001 (BK) =



STA 341+00.00  
PR PIPE CULV 2-18" x 48.0' (TWIN)  
CS/A, T-1  
+00.0, 27.4' LT USFL = 434.00  
+00.0, 20.6' RT DSFL = 434.00  
4-METAL END SEC 18" (STD 542401)

STA 347+50.00  
PR PIPE CULV 2-18" x 48.0' (TWIN)  
CS/A, T-1  
+50.0, 27.4' LT USFL = 434.00  
+50.0, 20.6' RT DSFL = 434.00  
4-METAL END SEC 18" (STD 542401)

PR PARKING LOT  
30'W x 100' L

FIELD # 12  
STATE OF ILLINOIS

PRE-GRADE ONLY  
FUTURE AGG. PAVING BY OTHERS

LIMITS OF AGGREGATE PAVING

• LAGRANGE WETLAND BANK  
•• D6 WETLAND MITIGATION 3

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

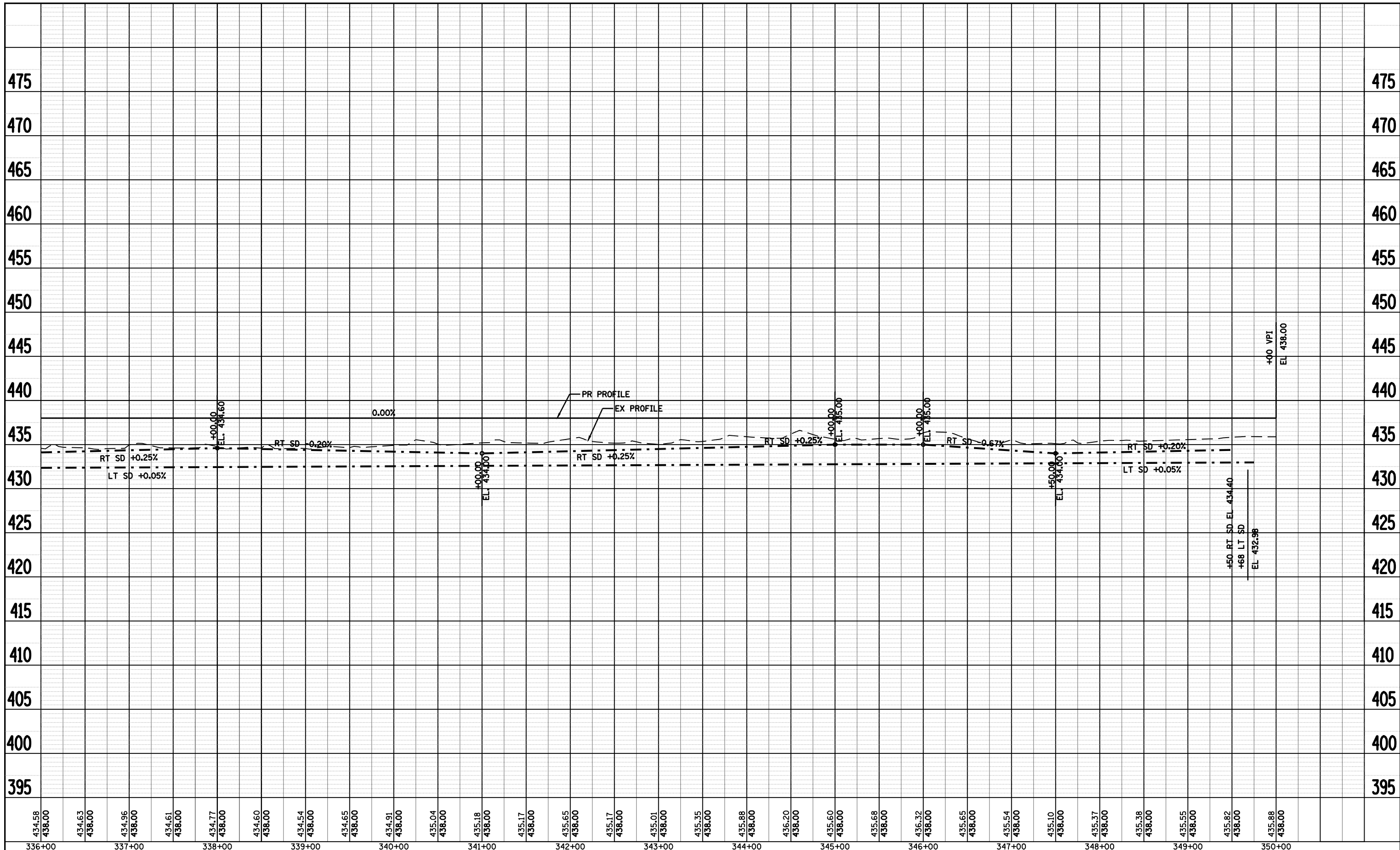
PLAN SHEET - B001

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	BROWN	174	46
CONTRACT NO. 72968				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	ALIGNMENT CHECKED		
	STRUCTURE NOTATION CHECKED		
	NO. _____		
	DATE _____		

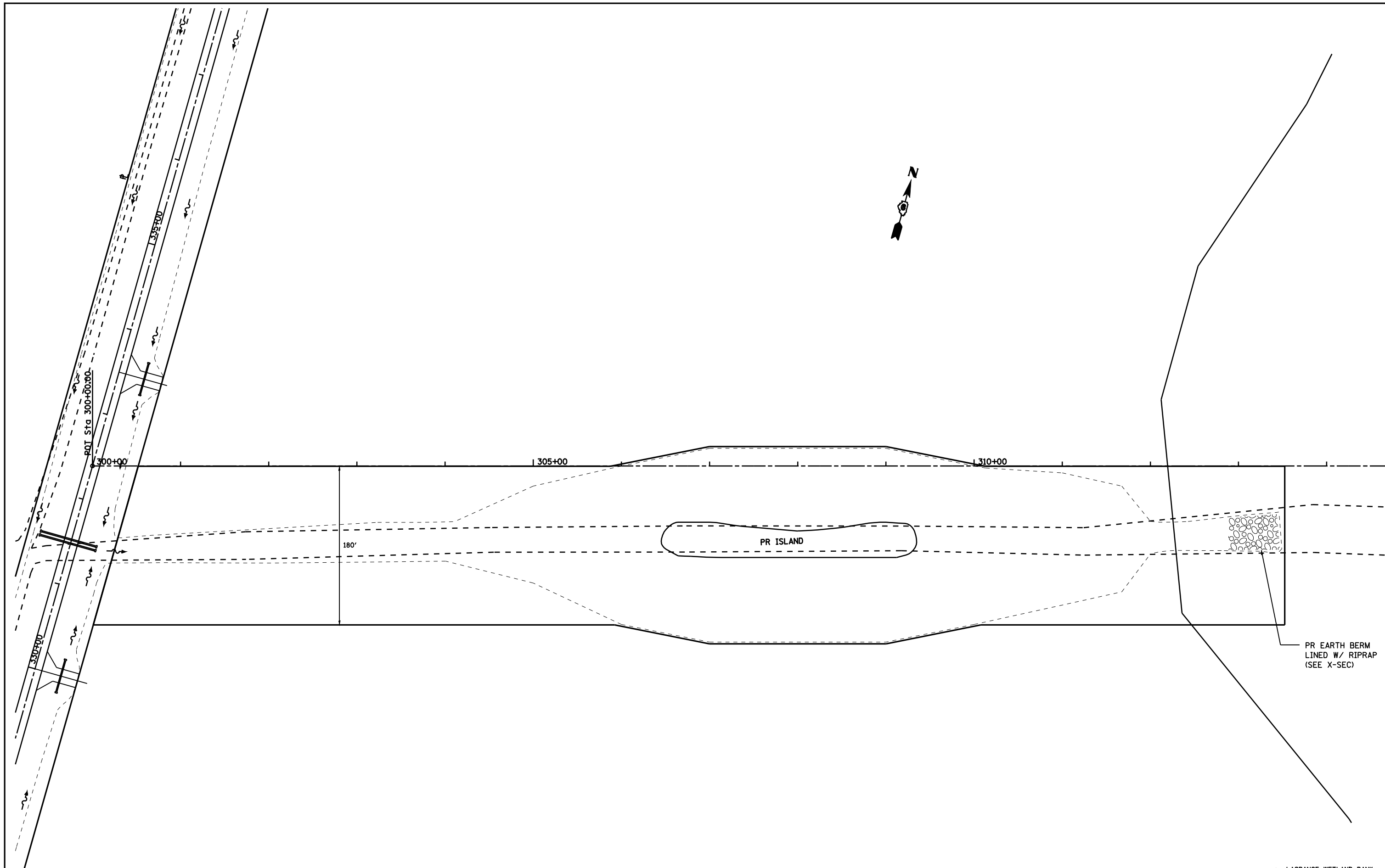
PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	ALIGNMENT CHECKED		
	STRUCTURE NOTATION CHECKED		
	NO. _____		
	DATE _____		



336+00	337+00	338+00	339+00	340+00	341+00	342+00	343+00	344+00	345+00	346+00	347+00	348+00	349+00	350+00
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		CHECKED - JCN	REVISED -						CONTRACT NO. 72968				
		DATE -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			

• LAGRANGE WETLAND BANK  
•• D6 WETLAND MITIGATION 3



PR EARTH BERM  
LINED W/ RIPRAP  
(SEE X-SEC)

• LAGRANGE WETLAND BANK  
•• D6 WETLAND MITIGATION 3

FILE NAME =	USER NAME = laughlin1	DESIGNED -	REVISED -
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET - 1001**

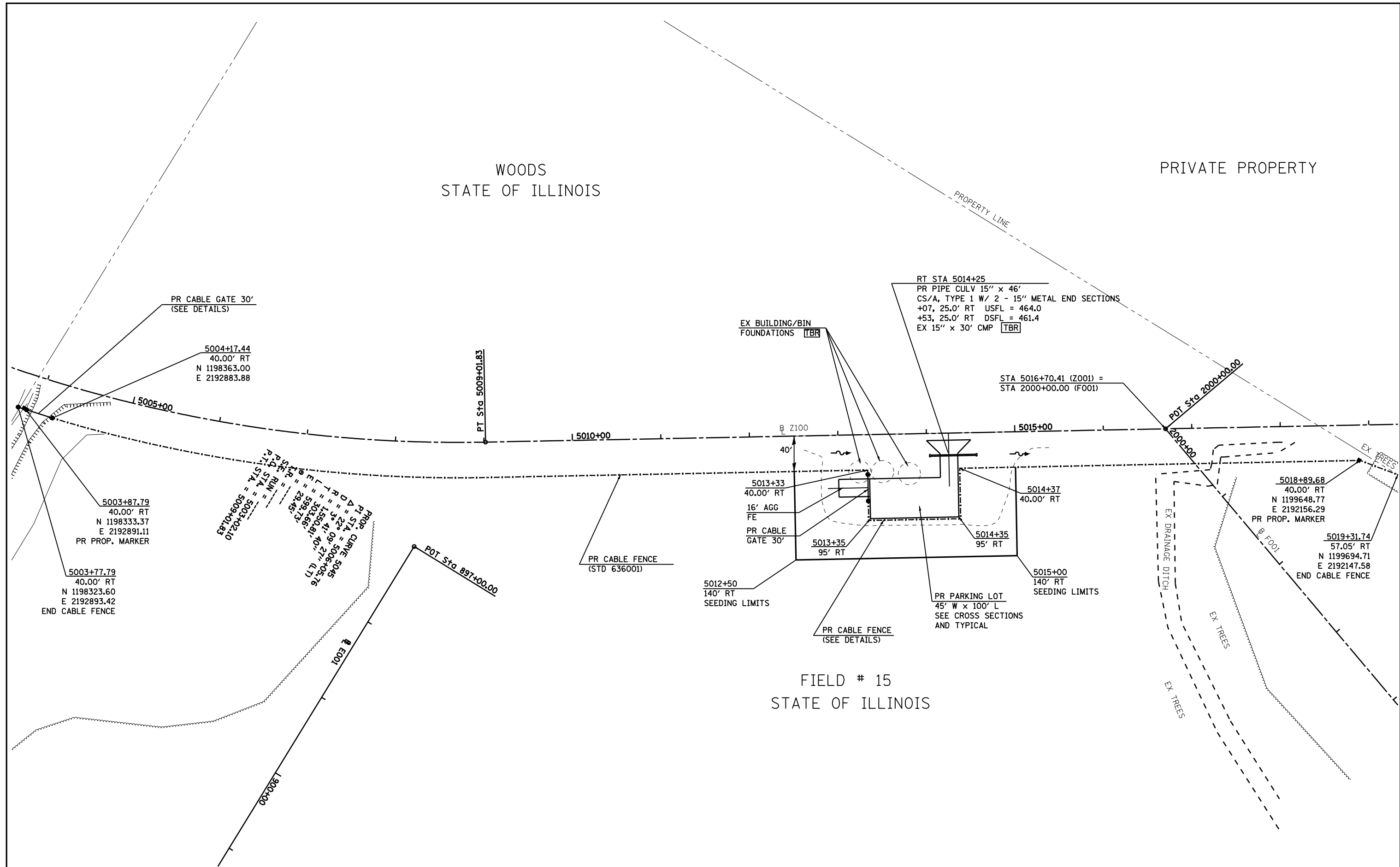
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	BROWN	174	48
CONTRACT NO. 72968				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



WOODS  
STATE OF ILLINOIS

PRIVATE PROPERTY



P.T. STA. CURVE 5045  
 Δ = 22°  
 R = 37.09  
 T = 1.50  
 L = 150.81  
 E = 583.68  
 L = 28.45  
 P.C. STA. = 5003+02.10  
 P.T. STA. = 5009+01.83  
 P.I. STA. = 5006+01.97  
 Δ = 22°  
 R = 37.09  
 T = 1.50  
 L = 150.81  
 E = 583.68  
 L = 28.45

RT STA 5014+25  
 PR PIPE CULV 15" x 46'  
 CS/A, TYPE 1 W/ 2 - 15" METAL END SECTIONS  
 +07, 25.0' RT USFL = 464.0  
 +53, 25.0' RT DSFL = 461.4  
 EX 15" x 30' CMP [TBR]

STA 5016+70.41 (Z001) =  
 STA 2000+00.00 (F001)

EX BUILDING/BIN  
 FOUNDATIONS [TBR]

5013+33  
 40.00' RT  
 16' AGG  
 FE  
 PR CABLE  
 GATE 30'

5014+37  
 40.00' RT  
 5014+35  
 95' RT

5012+50  
 140' RT  
 SEEDING LIMITS

5015+00  
 140' RT  
 SEEDING LIMITS

5018+89.68  
 40.00' RT  
 N 1199648.77  
 E 2192156.29  
 PR PROP. MARKER

5019+31.74  
 57.05' RT  
 N 1199694.71  
 E 2192147.58  
 END CABLE FENCE

FIELD # 15  
STATE OF ILLINOIS

• LAGRANGE WETLAND BANK  
 •• D6 WETLAND MITIGATION 3

FILE NAME = C:\Projects\d650305\contract 03\z100.dgn	USER NAME = laughlin1	DESIGNED -	REVISED -
		DRAWN - KPG	REVISED -
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	PLOT DATE = Mar-20-2008 10:41:19AM	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PLAN SHEET - Z001

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	BROWN	174	49
CONTRACT NO. 72968				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

5013+00 Z100

50'-0"

5015+00

+25

EXISTING FOUNDATIONS  
TO BE REMOVED

15'-0"

5013+33  
40' RT

5013+35  
50' RT

5014+15  
50' RT

5014+37  
40.00' RT

16'-0"

PROPOSED CABLE GATE  
30'-0"

PR CABLE FENCE  
(STD 636001)

5013+35  
95' RT

5014+35  
95' RT

100'-0"  
PARKING AREA

35'-0"  
ENTRANCE

2'-0" TO FENCE LINE

4'-0" @ 4%

1:4 SLOPE DOWN TO EXISTING

1:4 SLOPE DOWN TO EXISTING

SEC. A-A

• LAGRANGE WETLAND BANK  
•• D6 WETLAND MITIGATION 3

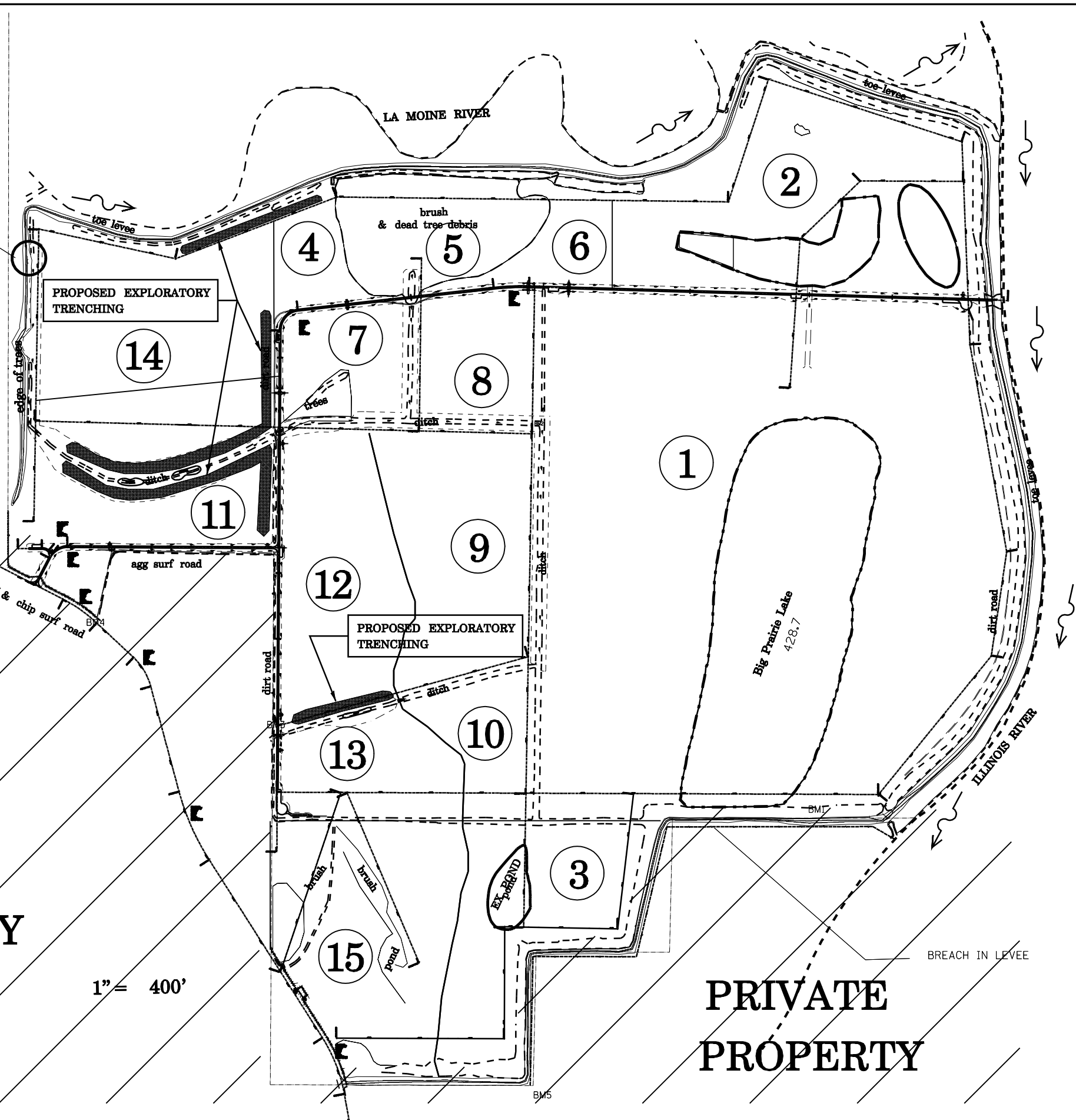
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	PLOT DATE = Mar-20-2008 10:41:25AM	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PARKING AREA TYPICAL  
STA. 1514+25 - Z001

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	BROWN	174	50
CONTRACT NO. 72968				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



PRIVATE  
PROPERTY

PRIVATE  
PROPERTY

PRIVATE  
PROPERTY

1" = 400'

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
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		CHECKED - JCN	REVISED -
		DATE -	REVISED -
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	PLOT DATE = Mar-17-2008 12:06:48PM		

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN VIEW -  
PR FIELD TILE DEACTIVATION

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
.	..	BROWN	174	51
CONTRACT NO. 72968				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

• LAGRANGE WETLAND BANK  
•• D6 WETLAND MITIGATION 3

STORM WATER POLLUTION PREVENTION PLAN

Route: LAGRANGE WETLAND BANK Marked: NA  
 Section: D-6 WETLAND MITIGATION NO.3 Project No.: NA  
 County: BROWN COUNTY Contract No.: 72968

This plan has been prepared to comply with the provision of the NPDES Permit Number ILR10\_\_\_\_\_ issued by the Illinois Environmental Protection Agency for storm water discharges from construction site activities.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information submitted, is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

*Christine M. Reed*  
 (Signature) *March 20, 2008*  
 (Date)  
*Regional Engineer*  
 (Title)

Note: The above boxed in area will be filled out by IDOT - Construction after the award of the contract to obtain the required NPDES permit.

The following plan was established and included in these plans to direct the Contractor in the placement of temporary erosion control systems and to provide a storm water pollution prevention plan for compliance under NPDES. The Contractor shall abide to all requirements within this plan as part of the contract.

The purpose of this plan is to prevent / minimize siltation within the construction zone and to eliminate sediments from entering and leaving the construction zone by utilizing proper temporary erosion control systems and providing ground cover within a reasonable time.

Certain items, as shown in this plan and referenced by the legend, shall be placed by the Contractor at the beginning of construction. Other items shall be placed by the Contractor as directed by the Engineer on a case by case situation resulting from the Contractor's sequence of activities, time of the year, and expected weather conditions.

The Contractor shall place permanent erosion control systems and seeding within a reasonable amount of time; therefore, reducing the amount of area being open to the possibility of erosion and reducing the amount of temporary erosion control systems and temporary seeding. The Resident Engineer will determine if temporary erosion control systems shown in the plan can be deleted, the size of the proposed ditch checks, the proper method of installation, and if any additional temporary erosion control systems shall be added which are not included in this plan. The Contractor shall perform all work as directed by the Engineer and as shown in special details and in Standard 280001 of the plans.

The special provisions Temporary Seeding, Temporary Erosion Control Seeding, and Temporary Erosion Control additionally supplement this plan.

All disturbed areas having high potential for erosion, as determined by the Engineer, shall be temporarily seeded or permanently seeded by October 1st of each construction year and shall not be reopened until after the winter shutdown period.

SITE DESCRIPTION

Description of Construction Activity:  
 1. The proposed project consists of wetland mitigation involving earthwork to deactivate drainage ditches and field tile re-establishment of wetland ponds and constructing embankment for future access roads / parking areas.

Description of Intended Sequence of Major Construction Activities Which Will Disturb Earth and Lead to Possible Erosion for Major Portions of the Construction Site:

1. Tree removal will be completed to clear approximately 0.1 acres of wooded land.
2. Excavation will be completed at locations of the improvements.
3. Embankment will be completed at locations of the improvements.
4. Final grading, seeding and other miscellaneous items.

Area of Construction Site:  
 The total drainage area entering and including the construction site is estimated to be approx. 2500 sq miles in which 92 acres will be disturbed by excavation, grading or other activities.

Other Reports, Studies and Plans which Aid in the Development of this Storm Water Pollution Prevention Plan as Referenced Documents:

1. Estimated run-off coefficients are contained in the project drainage study which were utilized for proposed placement of the temporary erosion control systems.
2. Information on the soils within the site was obtained from field reviews which were utilized for proposed placement of the temporary erosion control systems.
3. Site maps indicating drainage patterns and approximate slopes were contained in the project design report, USGS drainage maps, project drainage study, and project plan documents were all utilized for proposed placement of the temporary erosion control systems.

Drainage Tributaries Receiving Water from this Construction Site:

1. Minor tributaries of the LaMoine River & Illinois River.

• LAGRANGE WETLAND BANK  
 \*\* D6 WETLAND MITIGATION NO.3

FILE NAME = SWPLAN.DGN	USER NAME = woodsej	DESIGNED -	REVISED - AUG 2007 (JCN)	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>STORM WATER POLLUTION PREVENTION PLAN</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLT DATE = Feb-29-2008 02:38:11PM	CHECKED - JCN	REVISED -		CONTRACT NO. 72968								
		DATE - APRIL 5, 1999	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT								

**CONTROLS - EROSION CONTROLS AND SEDIMENT CONTROLS**

**Description of Stabilization Practices at the Beginning of Construction:**

1. The area between the existing and proposed right-of-way/temporary easement boundaries and limits of the project will be improved and managed for the purposes of controlling erosion within the area, reducing water flow by temporary diversion and minimizing siltation into the construction zone, and establishing vegetative cover which will become permanent vegetation and act as an erosion barrier. Work at the beginning of construction will consist of the following:
  - (a) Areas of existing vegetation (woods and grasslands) outside the proposed construction slope limits shall be identified for preserving and shall be protected from mowing, brush cutting, tree removal and other activities which would be detrimental to their maintenance and development.
  - (b) Dead, diseased, or unsuitable vegetation within the site shall be removed as directed by the Engineer, along with required tree removal.
  - (c) As soon as reasonable access is available (such as trees cleared) to all locations where water drains away from the project, sediment basins, riprap ditch checks, temporary ditch checks, and/or erosion control fence shall be installed as called out in this plan and directed by the Engineer.
  - (d) Bare and sparsely vegetated ground in highly erodible areas as determined by the Engineer shall be temporarily seeded at the beginning of construction where no construction activities are immediately expected as stated in the special provision "Temporary Erosion Control Seeding".
  - (e) Immediately after tree removal is completed in certain areas which are highly erodible areas as determined by the Engineer, the areas shall be temporarily seeded where no construction activities are immediately expected as stated in the special provision "Temporary Erosion Control Seeding".
  - (f) At locations where a significant amount of water drains into the construction zone from outside areas (adjacent landowners), erosion control fence, temporary ditch checks, or riprap ditch checks will be utilized to locally divert water, reduce flow rates, and collect outside siltation inside the right-of-way line. Erosion control items will not be allowed to be installed to cause flooding to upstream private property which could cause crop damages or other undesirable conditions.
2. Establishment of these temporary erosion control measures will have additional benefits to the project. Desirable grass seed will become established in these areas and will spread seeds onto the construction site until permanent seeding/mowing and overseeding can be complete.
3. A third benefit of these filter areas is that they will begin to provide a screen and buffer. They will help protect the construction site from winds and excess sun and mitigate construction noise and dust.

**Description of Stabilization Practices During Construction:**

1. During roadway construction, areas outside the construction slope limits as outlined previous herein shall be protected from damaging effects of construction. The Contractor shall not use this area for staging (except as designated on the plans or directed by the Engineer), parking of vehicles or construction equipment, storage of materials, or other construction related activities.
  - (a) Within the construction zone, critical areas which have high flows of water as determined by the Engineer shall remain undisturbed until full scale construction is underway to prevent unnecessary soil erosion.
  - (b) Top soil and earth stockpiles shall be temporarily seeded if they are to remain unused for more than fourteen days.
  - (c) As the Contractor constructs a portion of roadway in a fill section, he/she shall follow the following steps as directed by the Engineer:
    - i. Place temporary erosion control systems at locations where water leaves and enters the construction zone
    - ii. Temporary seed highly erodible areas outside the construction slope limits
    - iii. Construct roadside ditches and provide temporary erosion control systems
    - iv. Temporary divert water around proposed culvert locations
    - v. Build necessary embankment at culvert locations and then excavate and place culvert
    - vi. Continue building up the embankment to the proposed grade while at the same time place permanent erosion control such as riprap ditch lining and conduct final shaping to the slopes
  - (d) The Contractor shall immediately follow major earth moving operations with final grading equipment. After the major earth spread operation has moved to a new location, final grading shall be completed within fourteen days. If grading is not completed within fourteen days, all major earth moving operations will be stopped, as directed by the Engineer, until disturbed areas are final graded and seeded.
  - (e) Excavated areas and embankments shall be permanently seeded when final graded. If not, they shall be temporarily seeded as stated in the special provision "Temporary Erosion Control Seeding".

- (f) Construction equipment shall be stored and fueled only at designated locations. All necessary measures shall be taken to contain any fuel or pollution run-off in compliance with EPA water quality regulations. Leaking equipment or supplies shall be immediately repaired or removed from the site.
- (g) The Resident Engineer shall inspect the project daily during activities and weekly or after large rains during the winter shutdown period. The project shall additionally be inspected by the Construction Field Engineer on a bi-weekly basis to determine that erosion control efforts are in place and effective and if other control work is necessary.
- (h) Sediment collected during construction by the various temporary erosion control systems shall be disposed of on the site on a regular basis as directed by the Engineer. The cost of this maintenance will be paid for in accordance with Article 109.04 of the Standard Specifications.
- (i) The temporary erosion control systems shall be removed as directed by the Engineer after use is no longer needed or no longer functioning. The costs of this removal shall be included in the unit bid price for the temporary erosion control system. No additional compensation will be allowed.

**Description of Structural Practices After Final Grading:**

1. Temporary erosion control systems shall be left in place with proper maintenance until permanent erosion control is in place and working properly and all proposed turf areas seeded and established with a proper stand.
2. Once permanent erosion control systems as proposed in the plans are functional and established, temporary items shall be removed, cleaned up, and disturbed turf reseeded. Temporary riprap ditch checks will be allowed to remain in place where approved by the Engineer.

**Maintenance after Construction:**

1. Construction is complete after acceptance is received at the final inspection.
2. Areas will be inspected on a regular basis by IDOT District 6 Bureau of Operations.
3. Maintenance crews will perform regular mowings to aid in keeping weeds down and establishing a good roadside seed stand.
4. Maintenance crews will also aid in any ditch lining maintenance or in any drainage problems.
5. All maintenance will be conducted at times when weather conditions will not cause site damage.

**DOCUMENTATION**

1. A report summarizing the scope of the inspection, name(s) and qualifications of personnel making the inspection, date(s) of the inspection, major observations relating to the implementation of this storm water pollution prevention plan, and actions taken in accordance with Section 4.b. shall be made and retained as part of the plan for at least three years after the date of inspection. The report shall be signed in accordance with part VI.G of the general permit.
2. If any violation of the provisions of this plan is identified during the conduct of the construction work covered by this plan, the Resident Engineer or Resident Technician shall complete and file an "Incident of Noncompliance (ION)" report for the identified violation. The Resident Engineer or Resident Technician shall use forms provided by the Illinois Environmental Protection Agency and shall include specific information on the noncompliance, actions which were taken to prevent any further causes of noncompliance, and a statement detailing any environmental impact which may have resulted from the noncompliance. All reports of noncompliance shall be signed by a responsible authority in accordance with Part VI.G. of the general permit. The report of noncompliance shall be mailed to the following address:

Illinois Environmental Protection Agency  
 Division of Water Pollution Control  
 2200 Churchill Road, P.O. Box 19276  
 Springfield, IL 62794-9276  
 Attn: Compliance Assurance Section

• LAGRANGE WETLAND BANK  
 •• D6 WETLAND MITIGATION 3

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED - AUG 2007 (JCN)	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>STORM WATER POLLUTION PREVENTION PLAN</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C:\Projects\d650305\contract 03\stwp\ppl.dgn	DRAWN - CADD	REVISED -	REVISED -						•	••	BROWN	174	53
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PLOT DATE = Mar-17-2008 12:06:56PM	DATE - APRIL 5, 1999	REVISED -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		

CONTRACTOR CERTIFICATION STATEMENT

This certification statement is part of the Storm Water Pollution Plan for the project described below in accordance with NPDES Permit No. ILR10 \_\_\_\_\_, issued by the Illinois Environmental Protection Agency on \_\_\_\_\_.

Route: LAGRANGE WETLAND BANK      Marked: NA  
 Section: D6 WETLAND MITIGATION 3      Project No.: NA  
 County: BROWN COUNTY      Contract No.: 72968

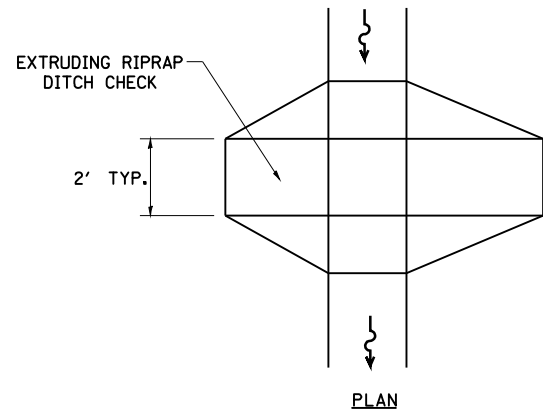
I certify under penalty of law that I understand the terms of the general National Pollutant Discharge Elimination System (NPDES) permit that authorizes the storm water discharges associated with industrial activity from the construction site identified as part of this certification.

Signature \_\_\_\_\_ Date \_\_\_\_\_  
 Title \_\_\_\_\_  
 Name of Firm \_\_\_\_\_  
 Street Address \_\_\_\_\_  
 City, State, Zip \_\_\_\_\_  
 Phone Number \_\_\_\_\_

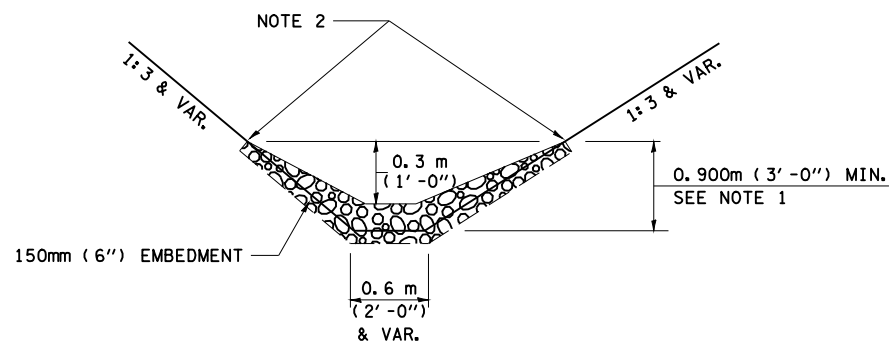
Note: The above boxed in area shall be filled out by the Contractor after the award of the contract to obtain the required NPDES Permit from IEPA. This is a requirement for this contract.

• LAGRANGE WETLAND BANK  
 •• D6 WETLAND MITIGATION 3

FILE NAME = C:\Projects\d650305\contract 03\shwpp\dgn	USER NAME = laughlinr1	DESIGNED - DRAWN - CADD	REVISED - AUG 2007 (JCN)	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>STORM WATER POLLUTION PREVENTION PLAN</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
<b>SWPPLAN.DGN</b>	PLOT SCALE = 100.0000' / IN.	CHECKED - JCN	REVISED -			•	••	BROWN	174	54
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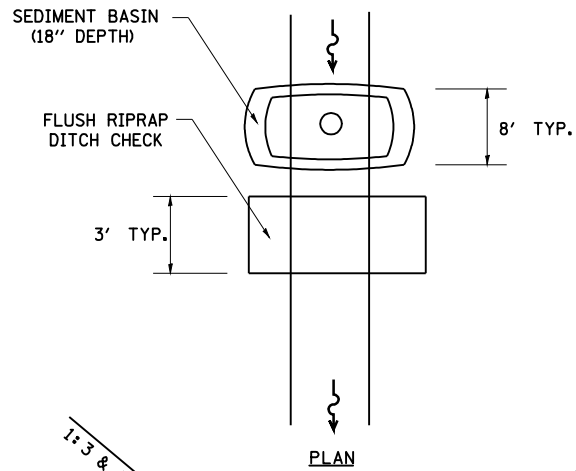
PLAN



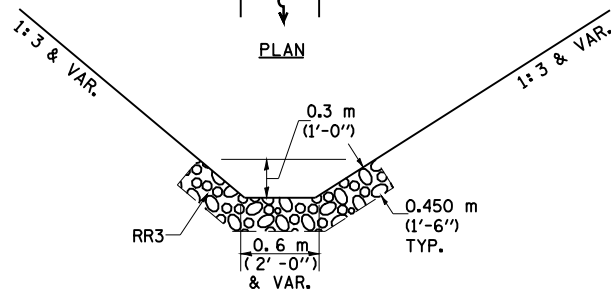
ELEVATION

OPTION 1

(EXTRUDING DITCH CHECK)  
RECOMMENDED FOR AREAS  
W/ RIPRAP DITCH LINING



PLAN



ELEVATION

OPTION 2

(FLUSH DITCH CHECK)  
RECOMMENDED FOR AREAS  
W/O RIPRAP DITCH LINING

**STONE DUMPED RIPRAP DITCH CHECK**

(TYPICAL & OPTIONS 1 & 2  
AS DIRECTED BY THE ENGINEER)

NOTE 1: RIPRAP SHALL EXTEND FAR ENOUGH UP THE SLOPES TO ALLOW 0.3m (1') OVERTOPPING TO AVOID ERODING AROUND THE EDGES OF THE RIPRAP.

NOTE 2: ENDS SHALL BE TIED INTO SLOPES.

**LEGEND FOR STORM WATER POLLUTION PREVENTION PLAN**

ITEM	SYMBOL
AGGREGATE (EROSION CONTROL)	
ESTONE DUMPED RIPRAP DITCH CHECKS: Height = 0.6m (2')	
TEMPORARY DITCH CHECKS	
INLET PIPE PROTECTION (I&PP)	
EROSION CONTROL FENCE	
EARTH EXCAVATION FOR EROSION CONTROL (SEDIMENT BASINS)	
PRESERVE EXISTING TREES, WOODLANDS, AND UNDERSTORY (OUTSIDE CONSTRUCTION LIMITS)	
ITEM PLACED AT BEGINNING OF CONSTRUCTION (Requirement)	
ITEM PLACED AS DIRECTED BY ENGINEER (When required by situation)	
DIRECTION OF OVERLAND FLOW	

**GENERAL NOTES:**

All items shall be constructed as shown on this sheet, on Standard 280001, and as directed by the Engineer.

The symbology on the STORM WATER POLLUTION PREVENTION PLAN sheets does not represent the size or quantity of bales, for number of bales refer to details and notes shown on this sheet and/or as directed by the Engineer.

**THE CONTRACTOR SHALL INSTALL DITCH CHECKS AS DIRECTED BY THE ENGINEER. IF THE ENGINEER ELECTS TO UTILIZE FLUSH RIPRAP DITCH CHECKS IN LIEU OF TEMPORARY DITCH CHECKS AS SHOWN ON THE FOLLOWING PLAN SHEETS, THE SPACING SHOULD BE DOUBLED.**

FILE NAME = SWPPLAN.DGN	USER NAME = laughlinr1	DESIGNED -	REVISED - AUG 2007 (JCN)
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		CHECKED - JCN	REVISED -
		DATE - APRIL 5, 1999	REVISED -

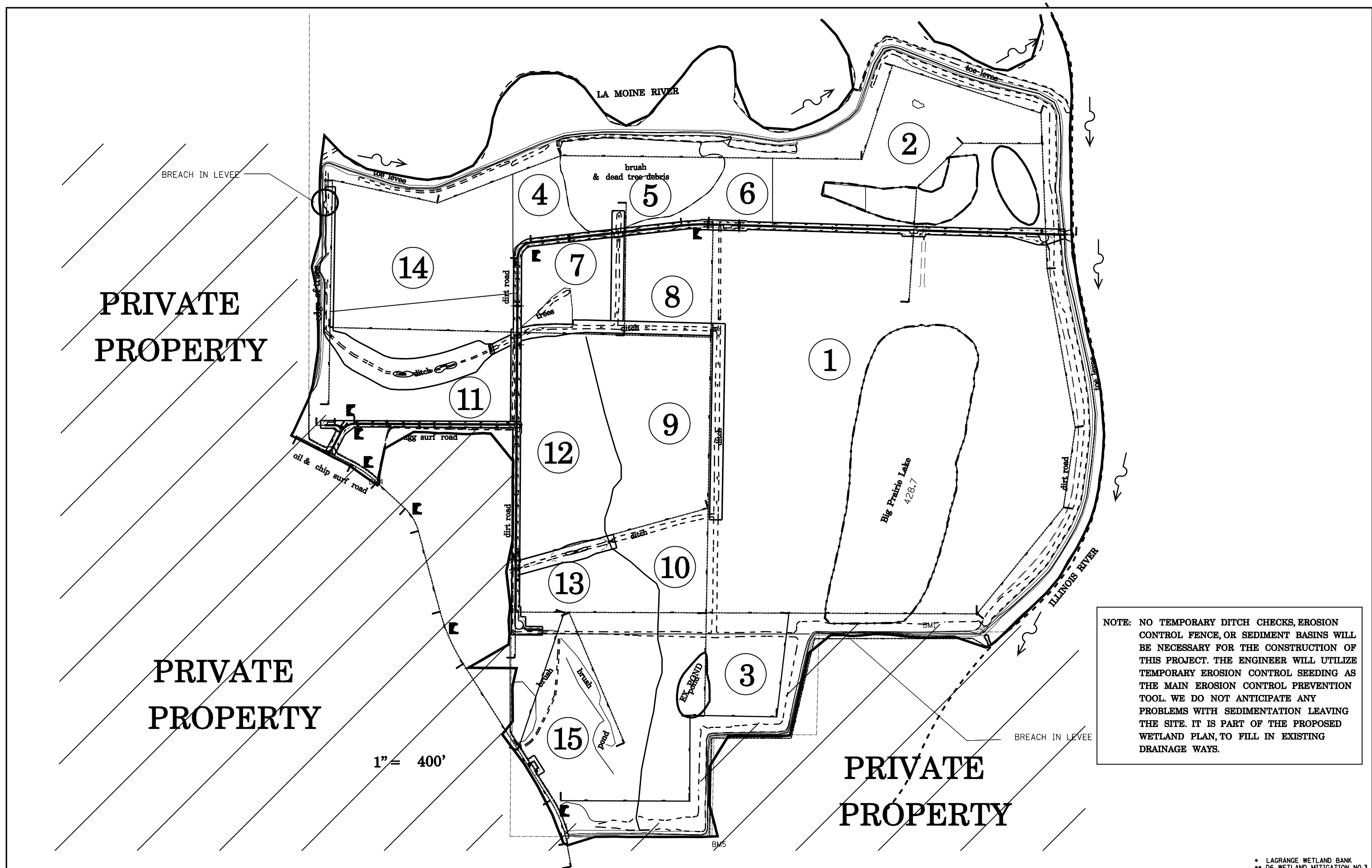
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**STORM WATER POLLUTION  
PREVENTION PLAN**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	BROWN	174	55
CONTRACT NO. 72968				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

• LAGRANGE WETLAND BANK  
•• D6 WETLAND MITIGATION 3



NOTE: NO TEMPORARY DITCH CHECKS, EROSION CONTROL FENCE, OR SEDIMENT BASINS WILL BE NECESSARY FOR THE CONSTRUCTION OF THIS PROJECT. THE ENGINEER WILL UTILIZE TEMPORARY EROSION CONTROL SEEDING AS THE MAIN EROSION CONTROL PREVENTION TOOL. WE DO NOT ANTICIPATE ANY PROBLEMS WITH SEDIMENTATION LEAVING THE SITE. IT IS PART OF THE PROPOSED WETLAND PLAN, TO FILL IN EXISTING DRAINAGE WAYS.

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

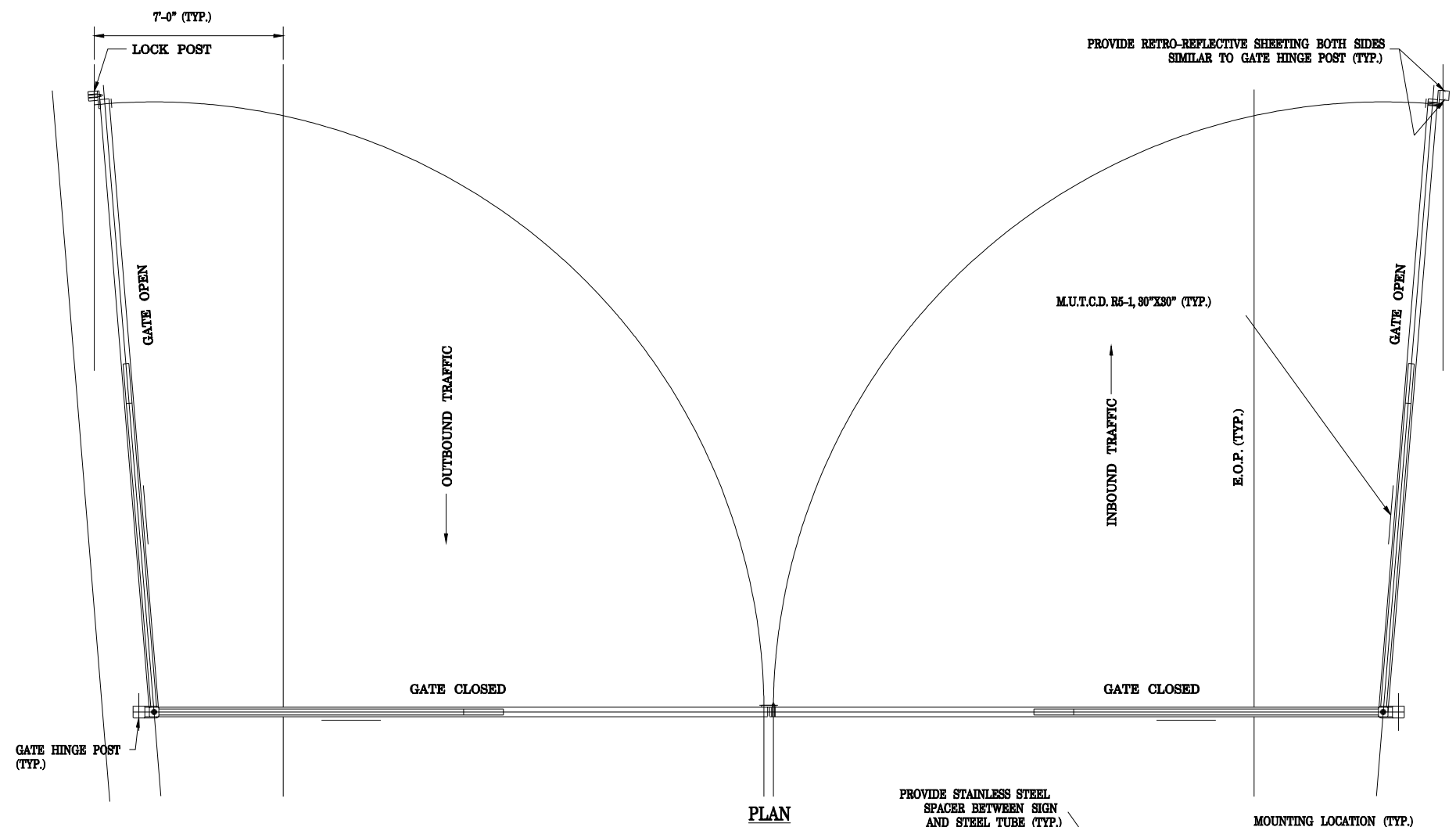
**STORM WATER POLLUTION  
PREVENTION PLAN**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
.	..	BROWN	174	56
CONTRACT NO. 72968				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

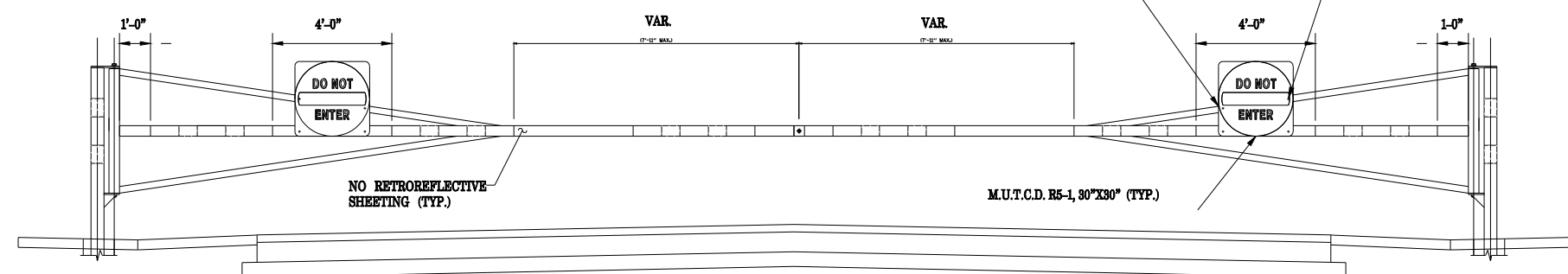
• LAGRANGE WETLAND BANK  
•• D6 WETLAND MITIGATION NO.3

SCALE: SHEET NO. OF SHEETS STA. TO STA.

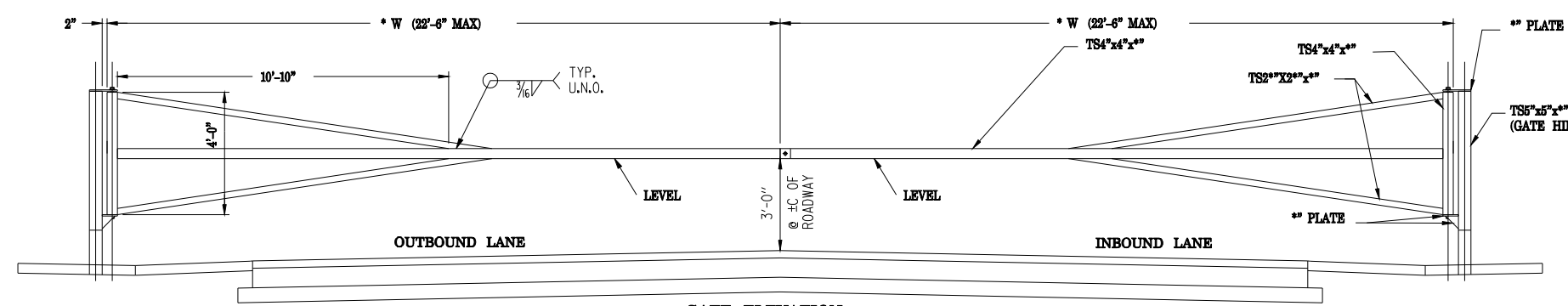




PLAN



RETROREFLECTIVE SHEETING ELEVATION  
(FRONT & REAR VIEW)

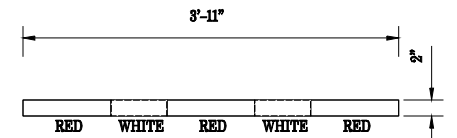


GATE ELEVATION  
(RETROREFLECTIVE SHEETING NOT SHOWN FOR CLARITY)

**GENERAL NOTES**

1. THE ENTRANCE GATE SHALL BE PAINTED WITH ONE PRIMER COAT AND TWO FINISH COATS. THE PRIMER SHALL BE AN ORGANIC, ZINC RICH, RUST INHIBITING PRIMER. THE FINISH COATS SHALL BE A MINERAL SPIRIT REDUCED FINISHED COAT INTENDED FOR EXTERIOR APPLICATIONS. THE COLOR SHALL MATCH EXISTING FACILITIES. CONTRACTOR SHALL SUBMIT PAINT CHIPS OF FINAL COLOR FOR APPROVAL. ALL EDGES OF HOLES SHALL BE PRIMED AND PAINTED PRIOR TO INSTALLING THE BOLTS.
2. ALL TUBE MEMBERS (TS) SHALL BE COLD FORMED WELDED STRUCTURAL STEEL CONFORMING TO THE LATEST ASTM A500 GRADE B (46 KSI).
3. STRUCTURAL STEEL SHALL CONFORM TO THE LATEST ASTM A36.
4. ALL WELDS SHALL BE IN ACCORDANCE WITH AWS D1.1 USING E70 ELECTRODES.
5. HOLES IN THE STRUCTURAL STEEL AND TUBE MEMBERS SHALL BE 1/16 IN. MAXIMUM LARGER THAN THE BOLT, UNLESS NOTED OTHERWISE.
6. HINGE PIN HOLES IN THE STRUCTURAL STEEL AND TUBE MEMBERS SHALL BE 1/32 IN. MAXIMUM LARGER THAN THE PIN, UNLESS NOTED OTHERWISE.
7. GATE LOCK POST SHALL BE ERECTED AFTER THE GATE IN ORDER TO ACCOUNT FOR THE DEAD LOAD DEFLECTION OF THE GATE AND TO CORRECTLY LOCATE THE HOLE AND PIN ALIGNMENT.
8. ALL HORIZONTAL AND DIAGONAL MEMBERS SHALL HAVE A 1/2" DIAMETER VENT HOLE DRILLED UNDERNEATH THE MEMBERS AT EACH END.
9. ALL EXPOSED CORNERS OF PLATES SHALL HAVE A 1/4" RADIUS UNLESS NOTED OTHERWISE.
10. ALL CONCRETE SHALL BE CLASS SI AND SHALL HAVE A MINIMUM 14-DAY COMPRESSIVE STRENGTH OF 3500 PSI. ALL FOUNDATIONS SHALL BE DRILLED, INSPECTED, AND APPROVED BY THE OWNER'S REPRESENTATIVE PRIOR TO PLACEMENT OF CONCRETE. THE SOIL WAS ASSUMED TO BE A BLACK SLAG OR A LOOSE SAND AND GRAVEL.
11. CONTRACTOR SHALL PROVIDE A 7-YEAR WARRANTY ON THE RETROREFLECTIVE SHEETING.
12. CONTRACTOR SHALL LAYOUT LOCK POSTS AND HINGE POSTS FOR LOCATION APPROVAL BY ENGINEER PRIOR TO FABRICATION.
13. ALL EXPOSED EDGES SHALL BE GROUND SMOOTH.
14. ALL STEEL SHALL BE BLAST CLEANED PER SSPC-SP6 COMMERCIAL BLAST CLEANING PRIOR TO APPLICATION OF PRIMER COAT.
15. SIGNS SHALL BE THRU-BOLTED TO THE GATE AT THE LOCATIONS INDICATED ON THE PLAN WITH STAINLESS STEEL BOLTS. THE HOLES FOR THE BOLTS SHALL BE DRILLED.

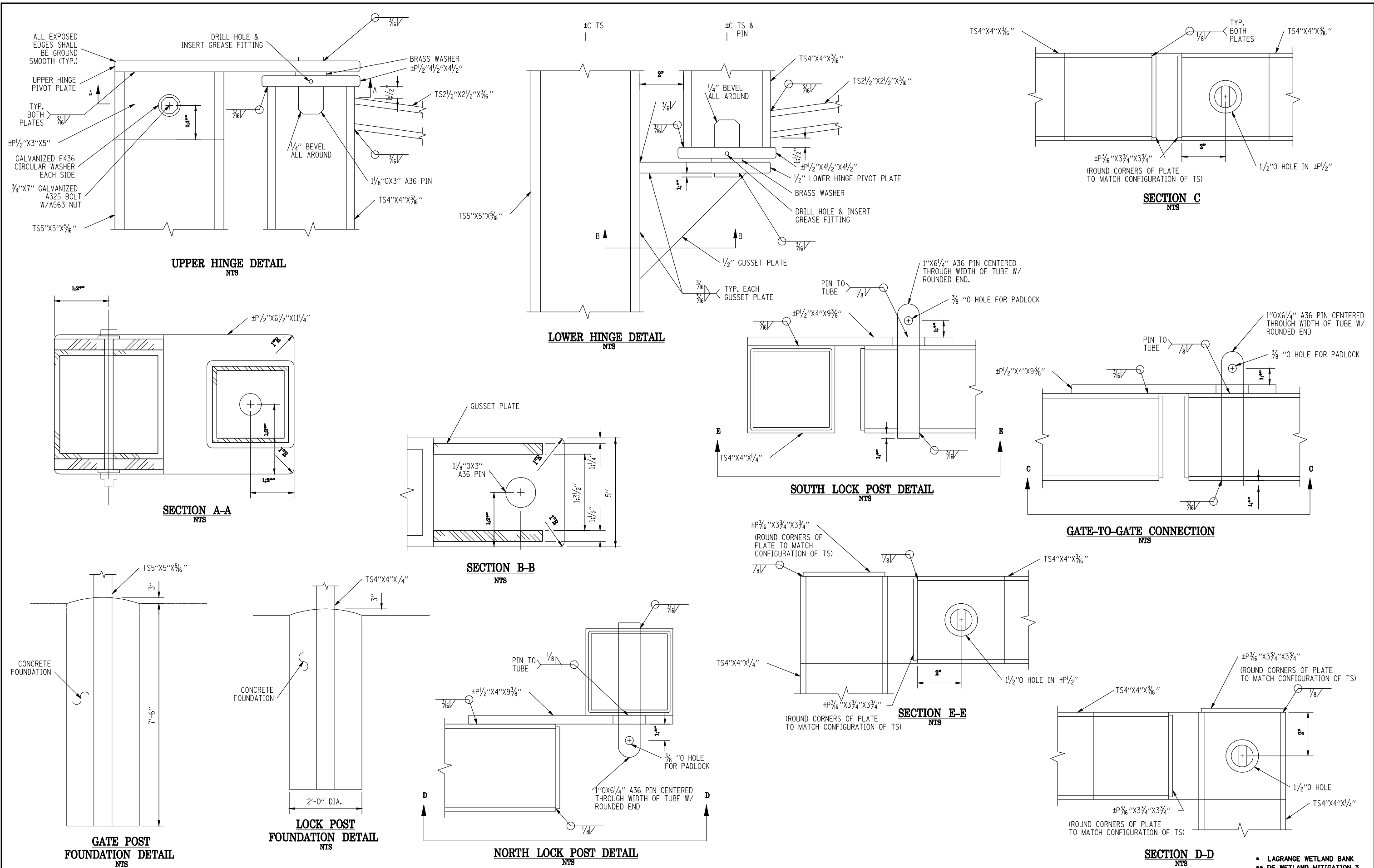
W = WIDTH OF DOUBLE GATE  
 1/2W = WIDTH OF SINGLE GATE  
 (NOTE: WITH SINGLE GATE AN ADDITIONAL LOCK POST WILL BE REQUIRED TO KEEP GATE CLOSED)



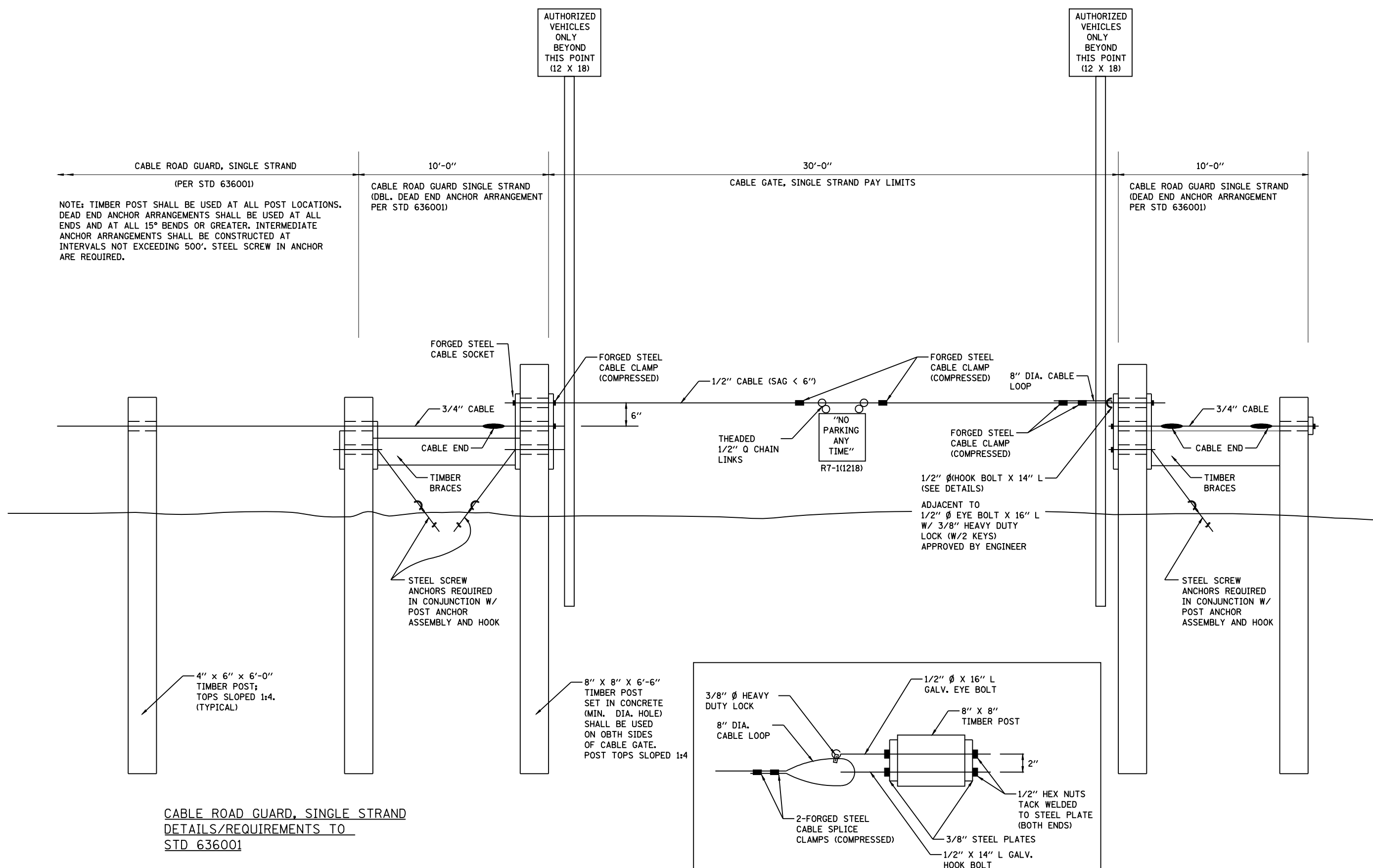
TYPICAL RETROREFLECTIVE SHEETING DETAIL

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PLOT DATE = Mar-17-2008 12:07:09PM	DATE -	REVISOR -	REVISOR -					CONTRACT NO. 72968				
								FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

• LAGRANGE WETLAND BANK  
 • D6 WETLAND MITIGATION 3



FILE NAME = C:\Projects\d650305\contract 03\shdet01.dgn	USER NAME = laughlin1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ACCESS GATE DETAILS</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = Mar-17-2008 12:07:12PM	DATE -	REVISOR -	REVISION -					<b>CONTRACT NO. 72968</b>				
								<b>LAGRANGE WETLAND BANK D6 WETLAND MITIGATION 3</b>				



NOTE: TIMBER POST SHALL BE USED AT ALL POST LOCATIONS. DEAD END ANCHOR ARRANGEMENTS SHALL BE USED AT ALL ENDS AND AT ALL 15° BENDS OR GREATER. INTERMEDIATE ANCHOR ARRANGEMENTS SHALL BE CONSTRUCTED AT INTERVALS NOT EXCEEDING 500'. STEEL SCREW IN ANCHOR ARE REQUIRED.

**CABLE ROAD GUARD, SINGLE STRAND  
DETAILS/REQUIREMENTS TO  
STD 636001**

**CABLE GATE DETAILS**

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

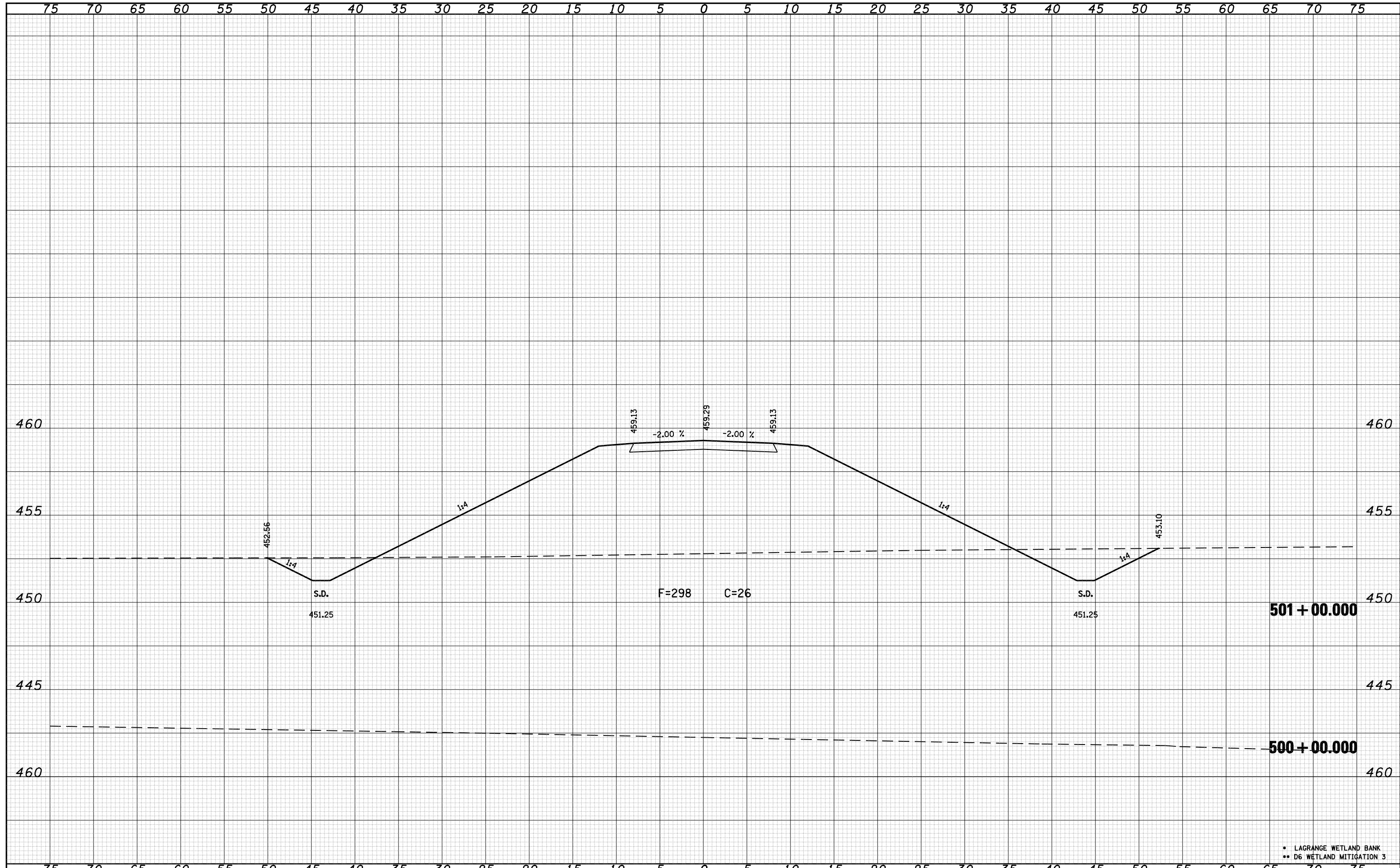
<b>CABLE GATE DETAILS</b>				
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	BROWN	174	59
CONTRACT NO. 72968				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

• LAGRANGE WETLAND BANK  
•• D6 WETLAND MITIGATION 3

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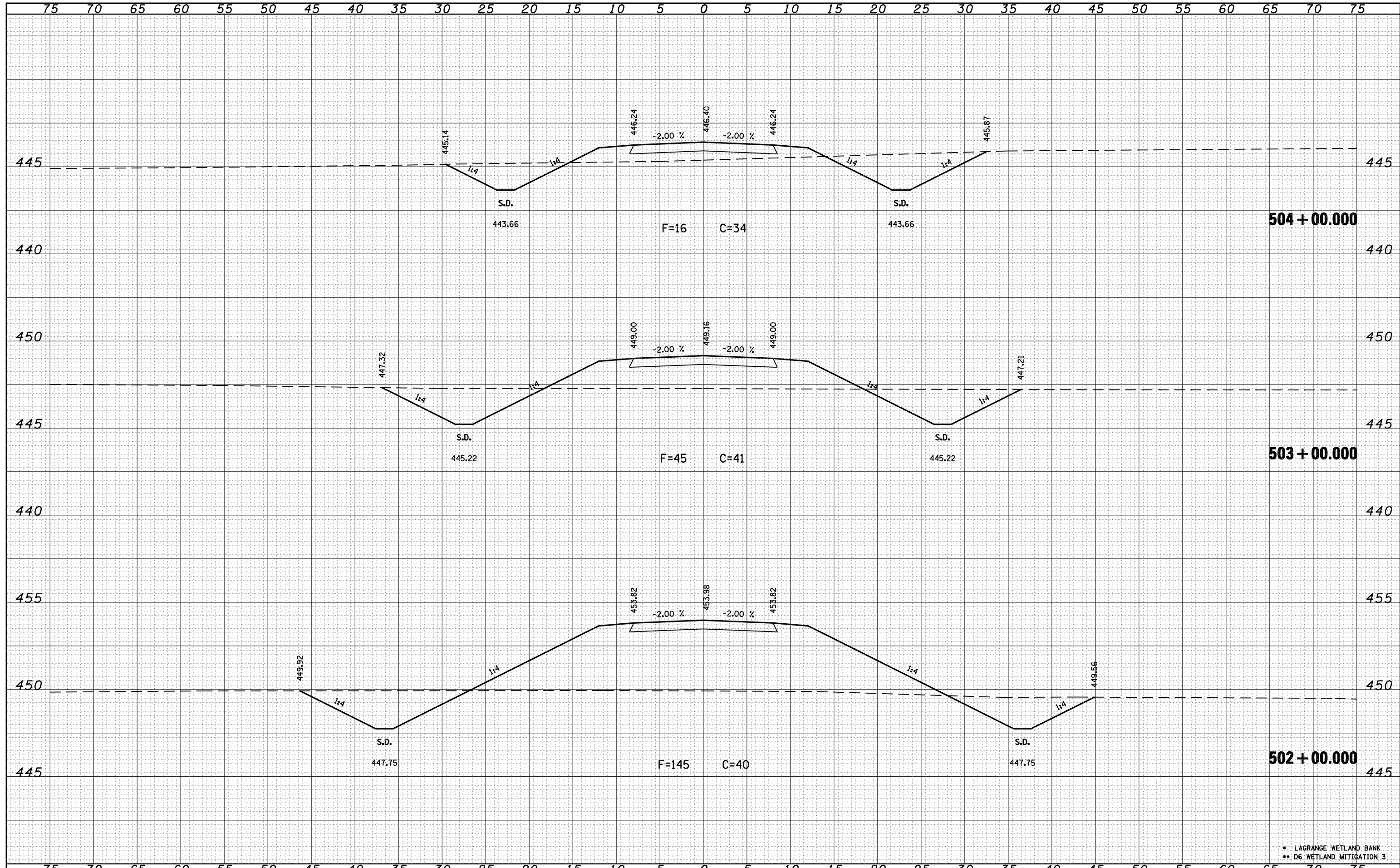


• LAGRANGE WETLAND BANK  
 \*\* D6 WETLAND MITIGATION 3

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		CHECKED - JCN	REVISED -							BROWN			
		DATE -	REVISED -							CONTRACT NO. 72968			

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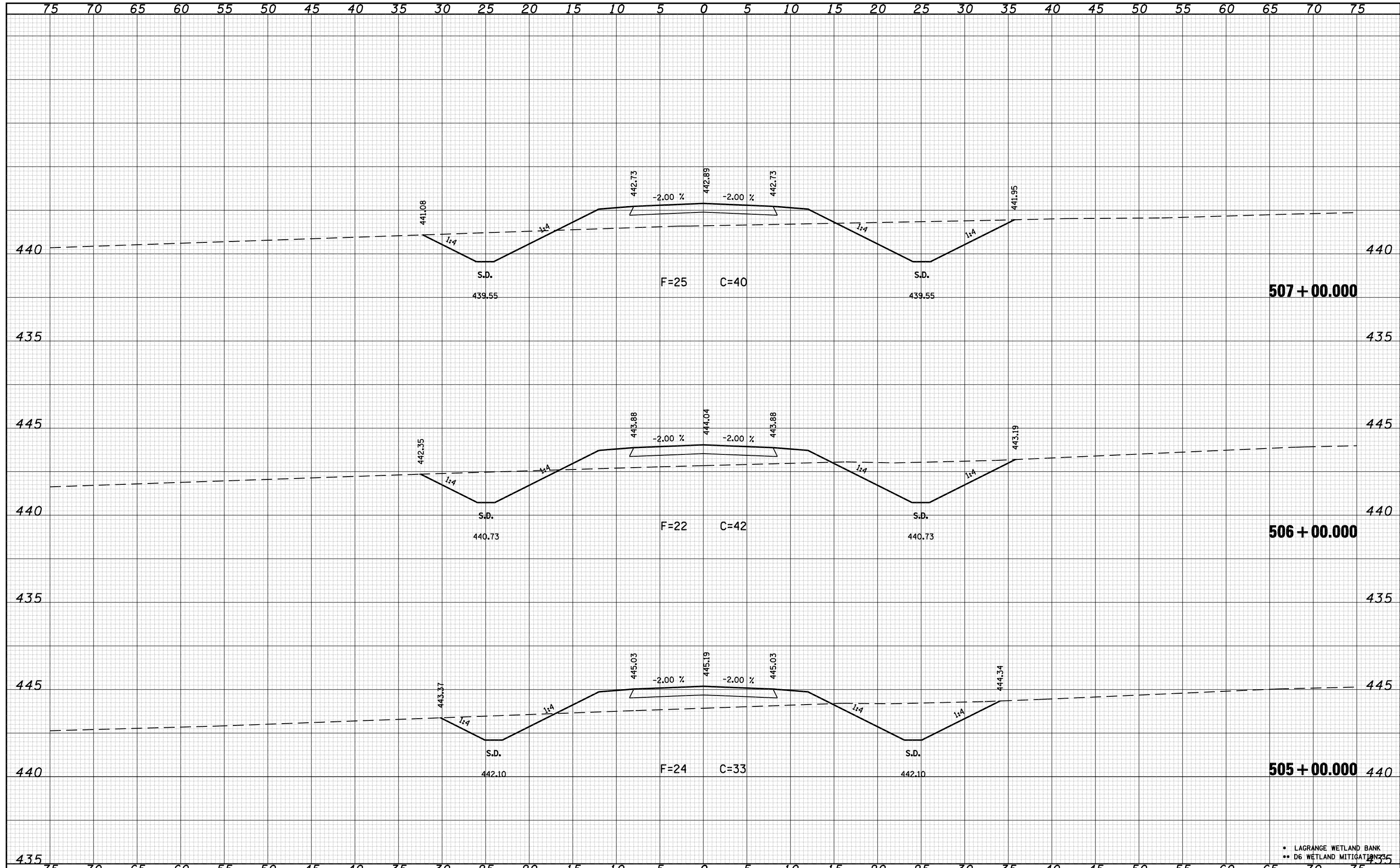


• LAGRANGE WETLAND BANK  
 \*\* D6 WETLAND MITIGATION 3

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		CHECKED - JCN	REVISED -		CONTRACT NO. 72968								
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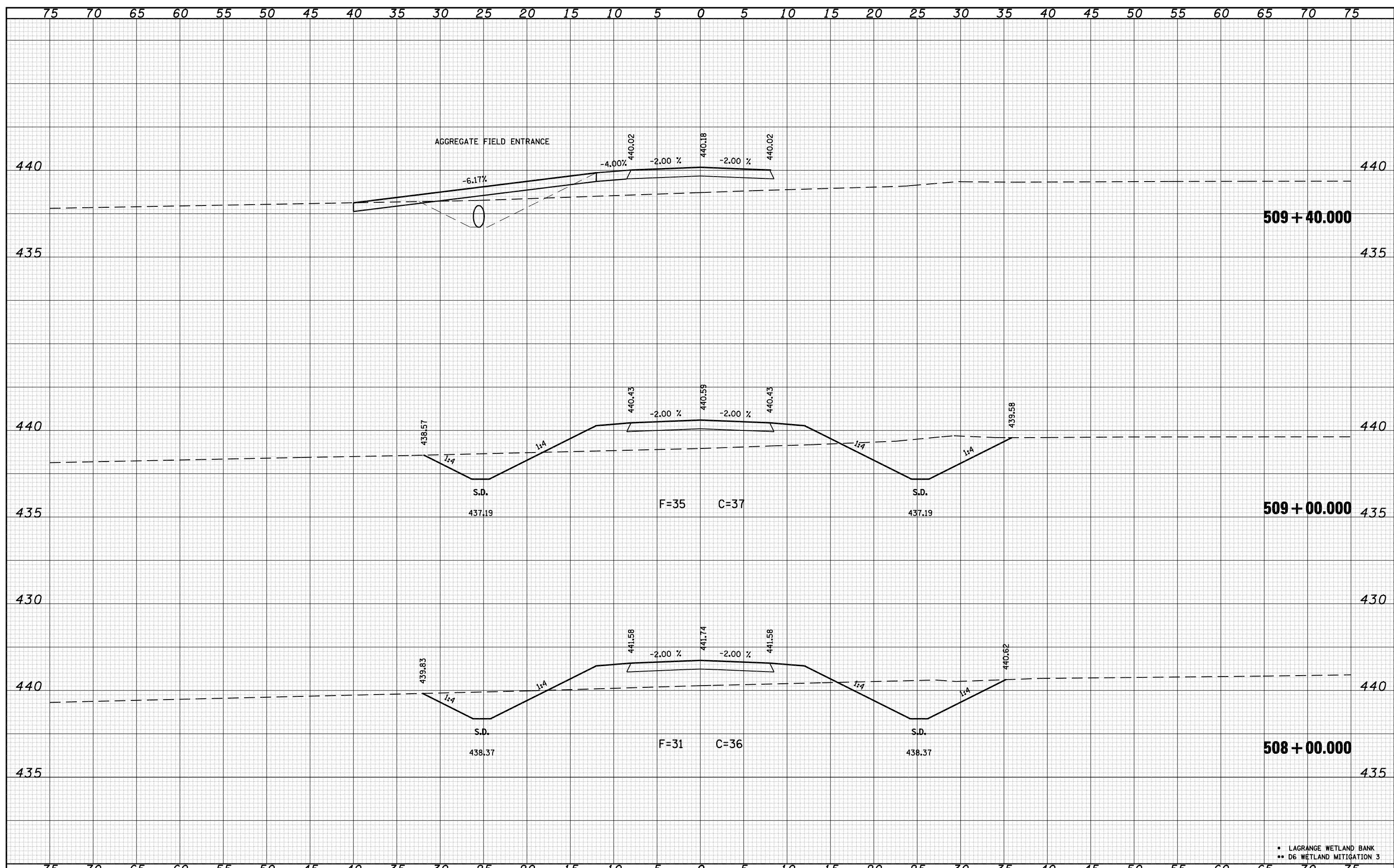


• LAGRANGE WETLAND BANK  
 \*\* D6 WETLAND MITIGATION

FILE NAME =	USER NAME = laughlin1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS A001</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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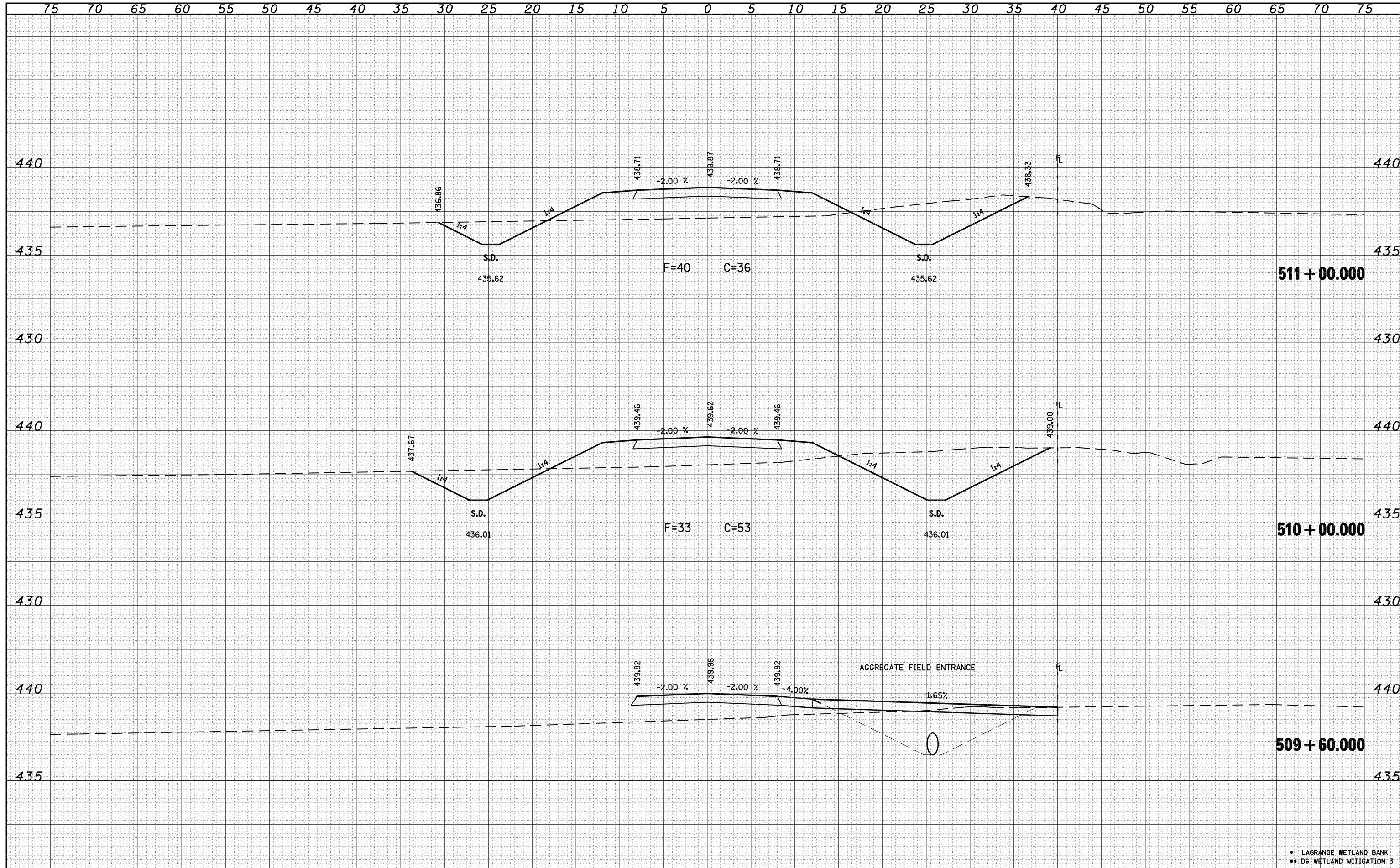


• LAGRANGE WETLAND BANK  
 \*\* D6 WETLAND MITIGATION 3

FILE NAME =	USER NAME = laughlin1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS A001</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = Mar-17-2008 12:07:26PM		DATE -	REVISED -		FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT					

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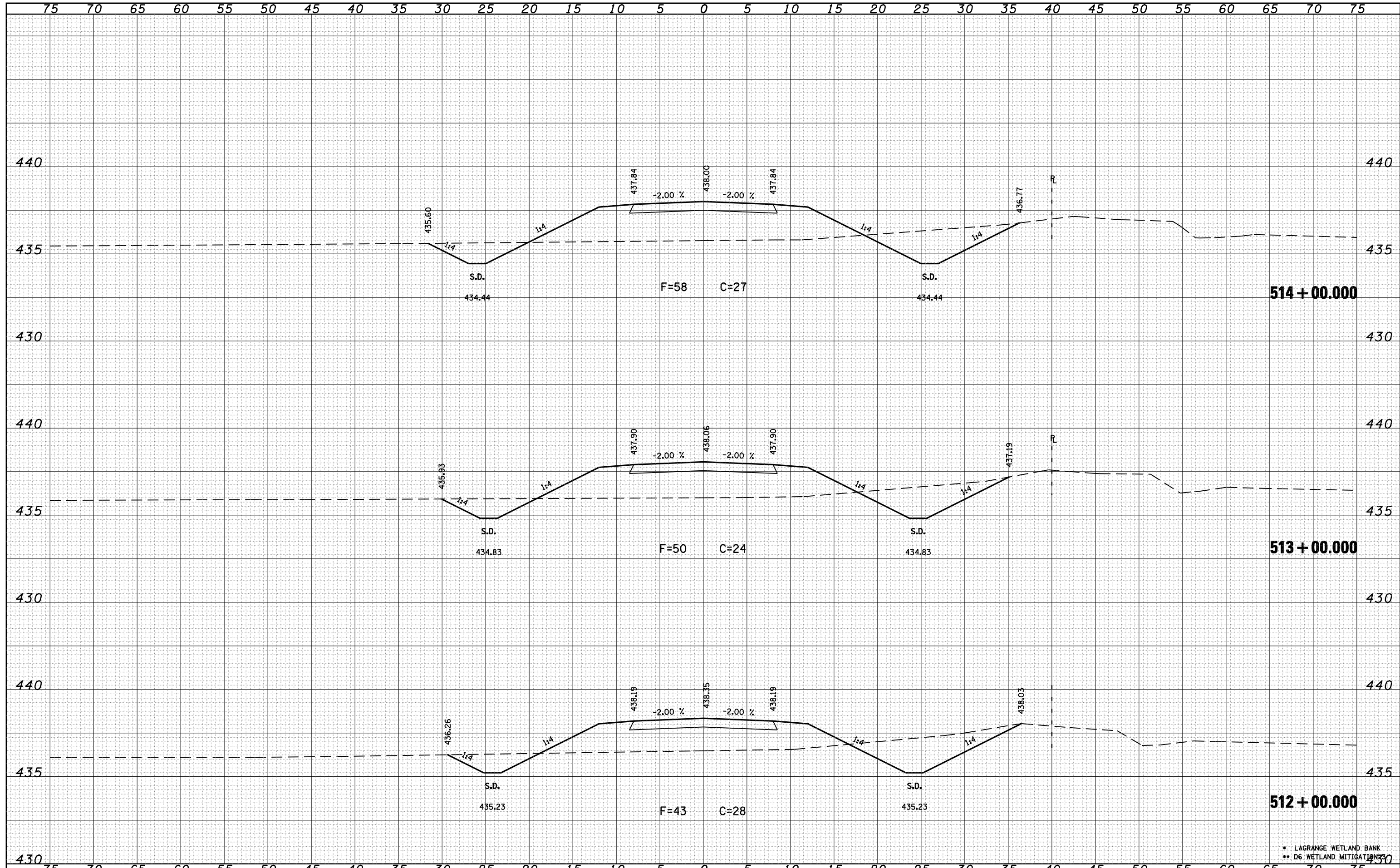


• LAGRANGE WETLAND BANK  
 \*\* D6 WETLAND MITIGATION 3



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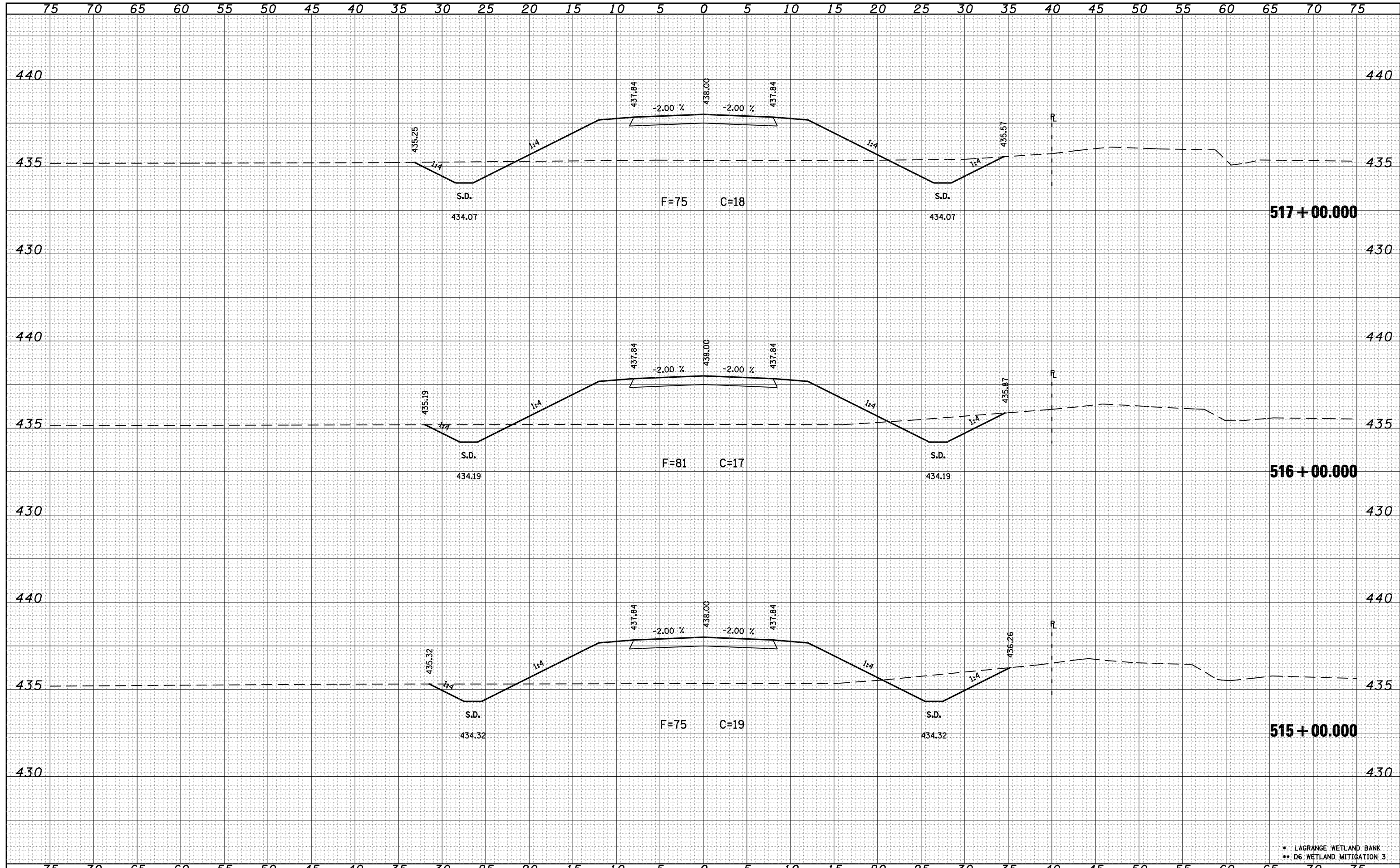


• LAGRANGE WETLAND BANK  
 •• D6 WETLAND MITIGATION

FILE NAME =	USER NAME = laughlin1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS A001</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = Mar-17-2008 12:07:32PM		DATE -	REVISED -		FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT					

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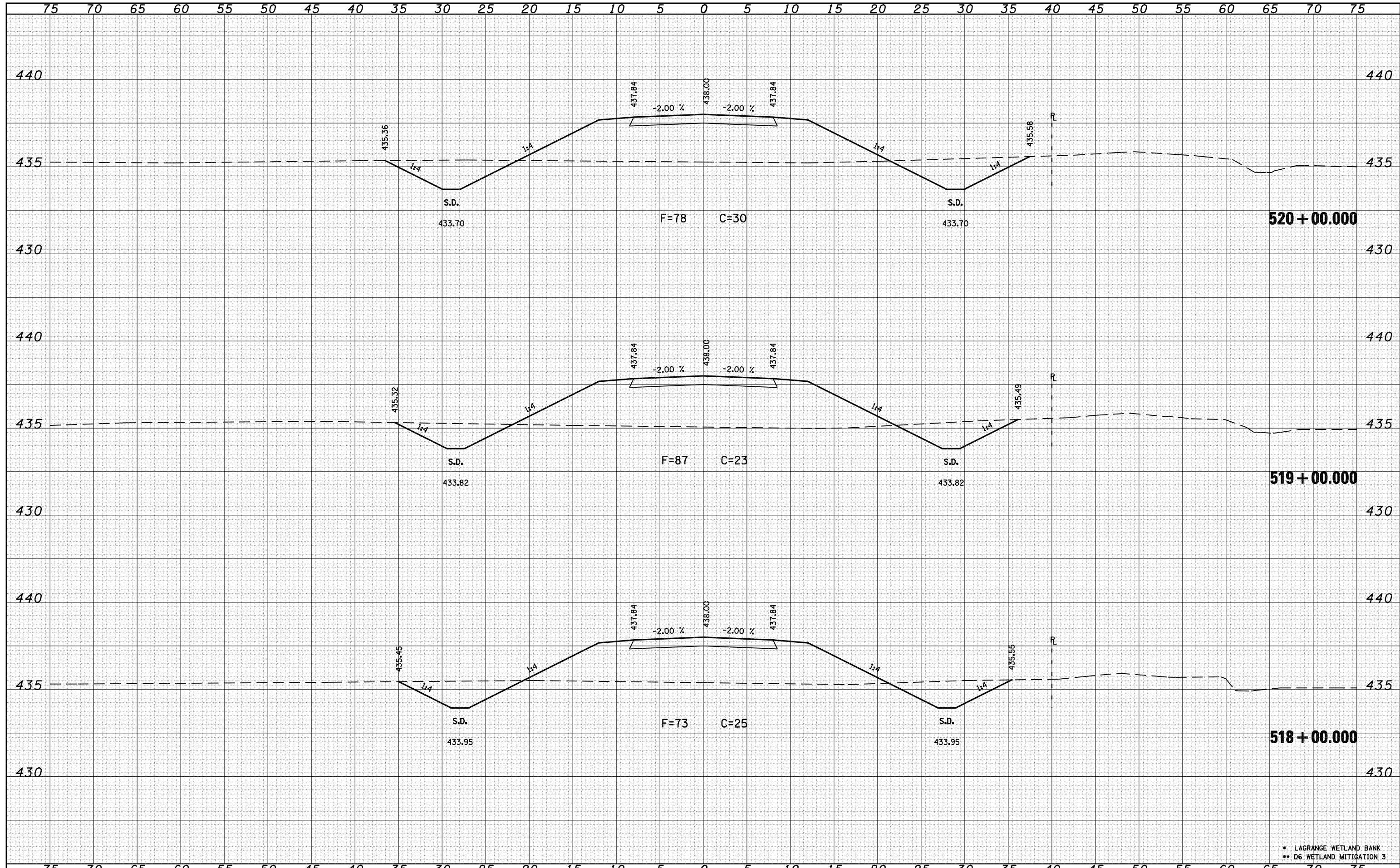


• LAGRANGE WETLAND BANK  
 \*\* D6 WETLAND MITIGATION 3

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		CHECKED - JCN	REVISED -					CONTRACT NO. 72968					
		DATE -	REVISED -					FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

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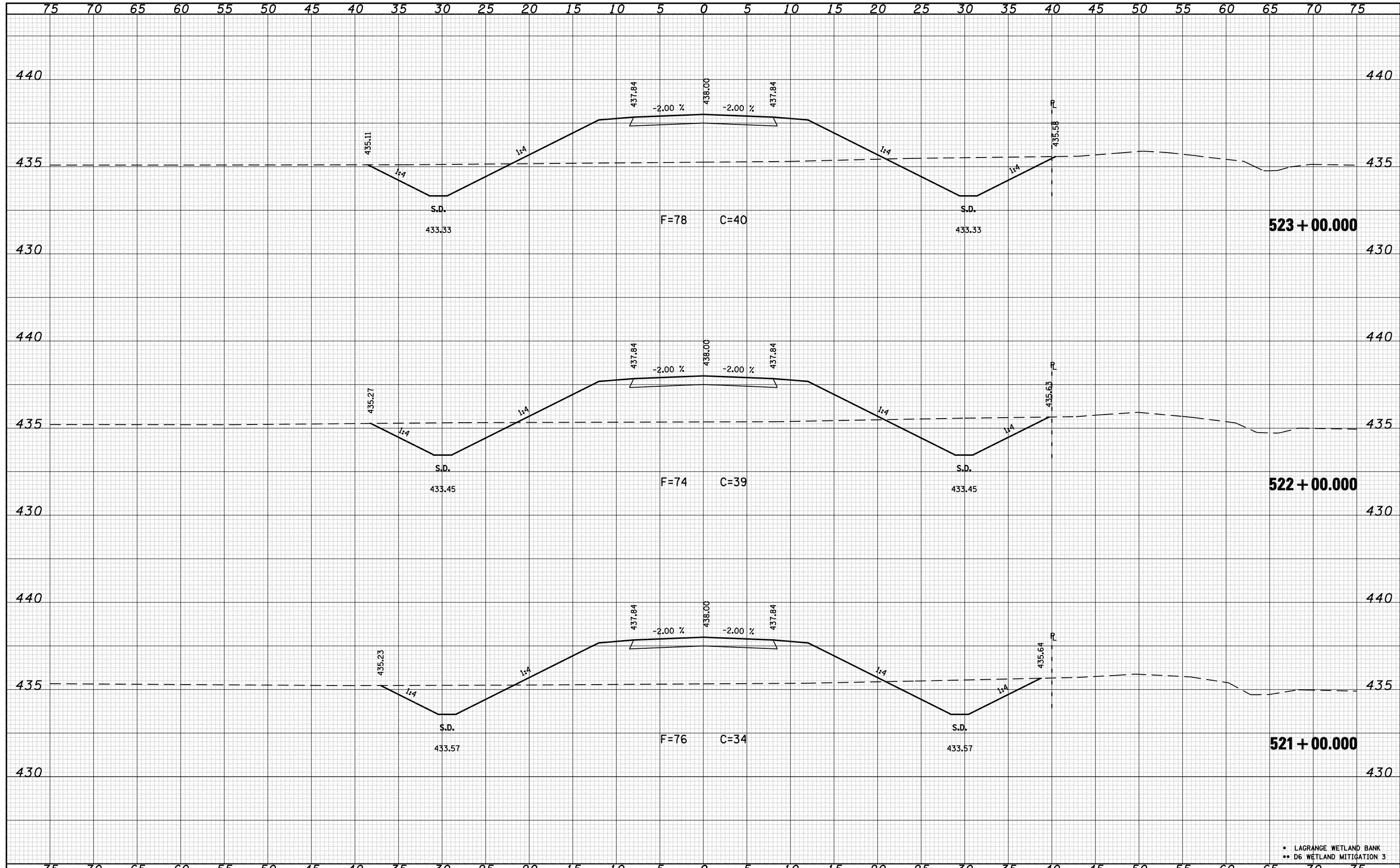


• LAGRANGE WETLAND BANK  
 \*\* D6 WETLAND MITIGATION 3

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		DATE -	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							

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• LAGRANGE WETLAND BANK  
 \*\* D6 WETLAND MITIGATION 3

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

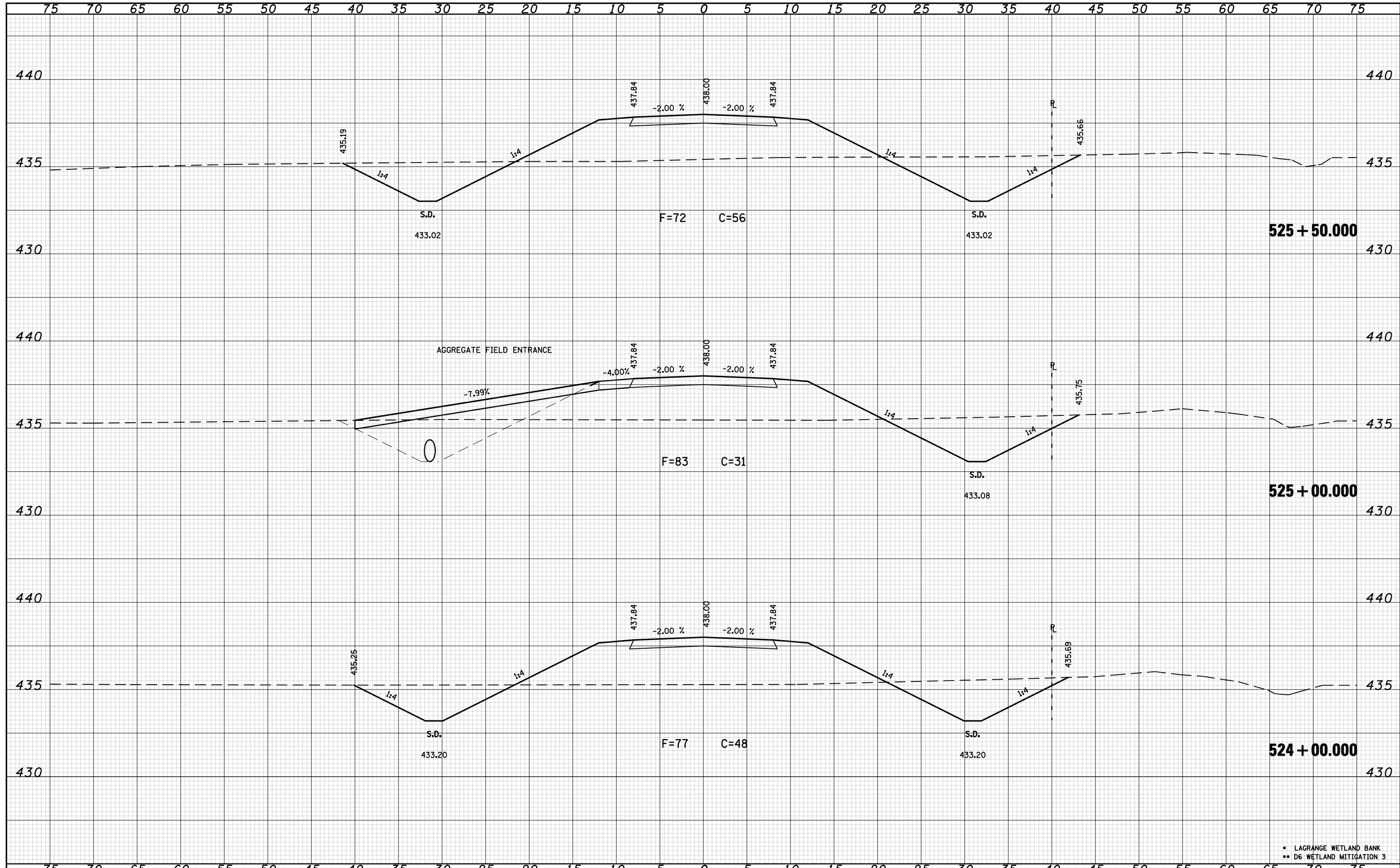
**CROSS SECTIONS A001**

SCALE: SHEET NO. OF SHEETS STA. 521+00.000 TO STA. 523+00.000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 72968				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

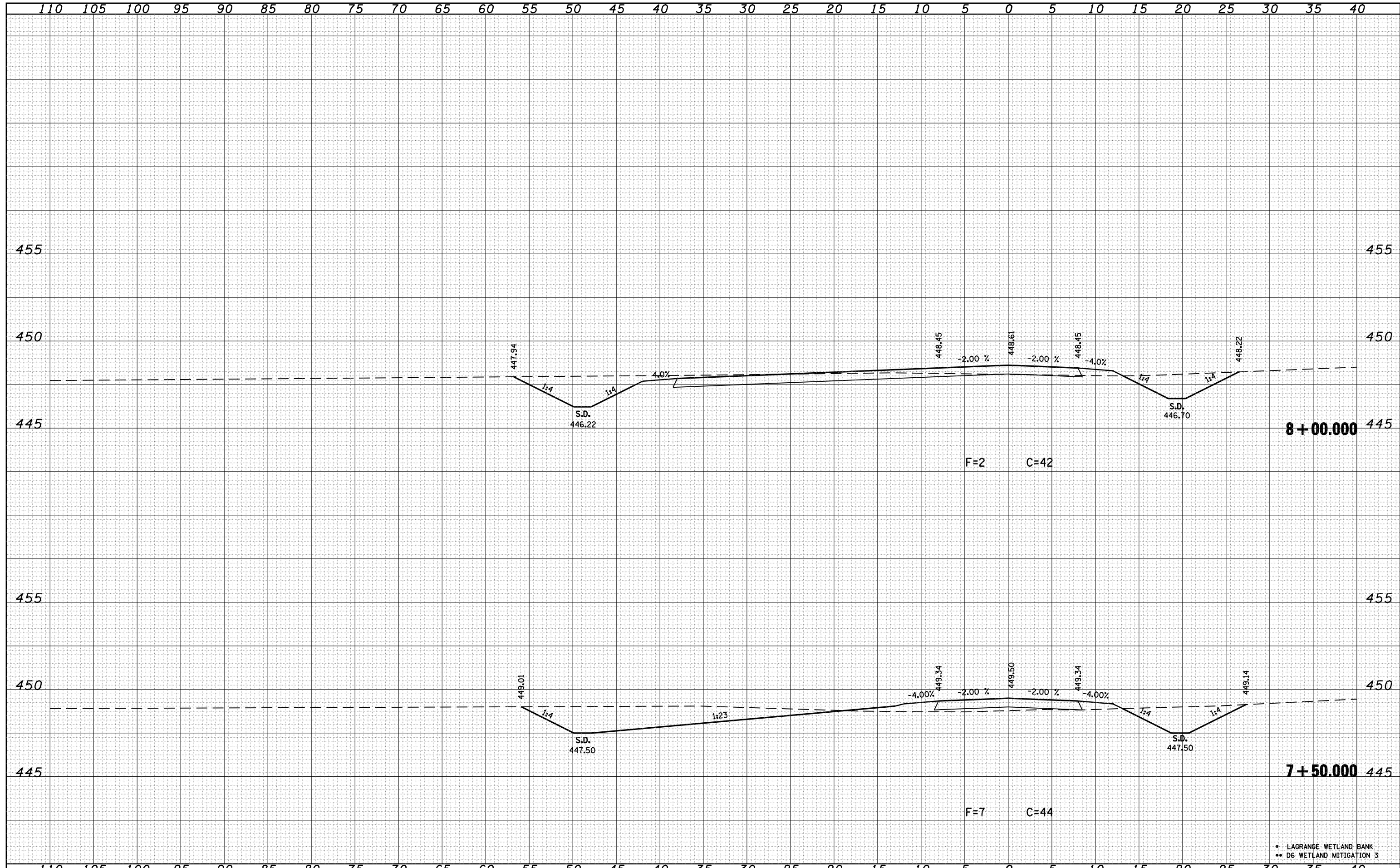
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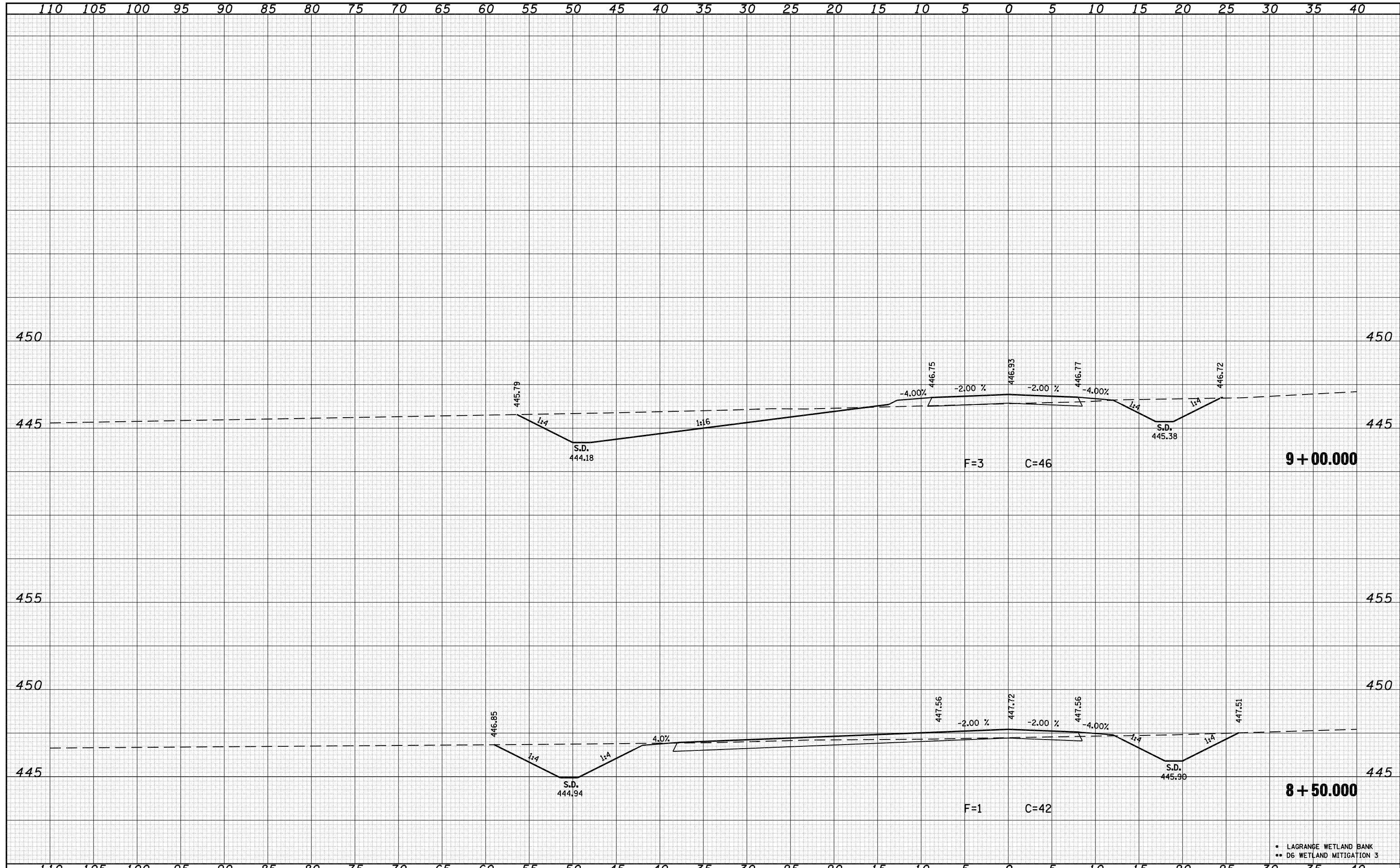


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		CHECKED - JCN	REVISD -										
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• LAGRANGE WETLAND BANK  
 \*\* D6 WETLAND MITIGATION 3

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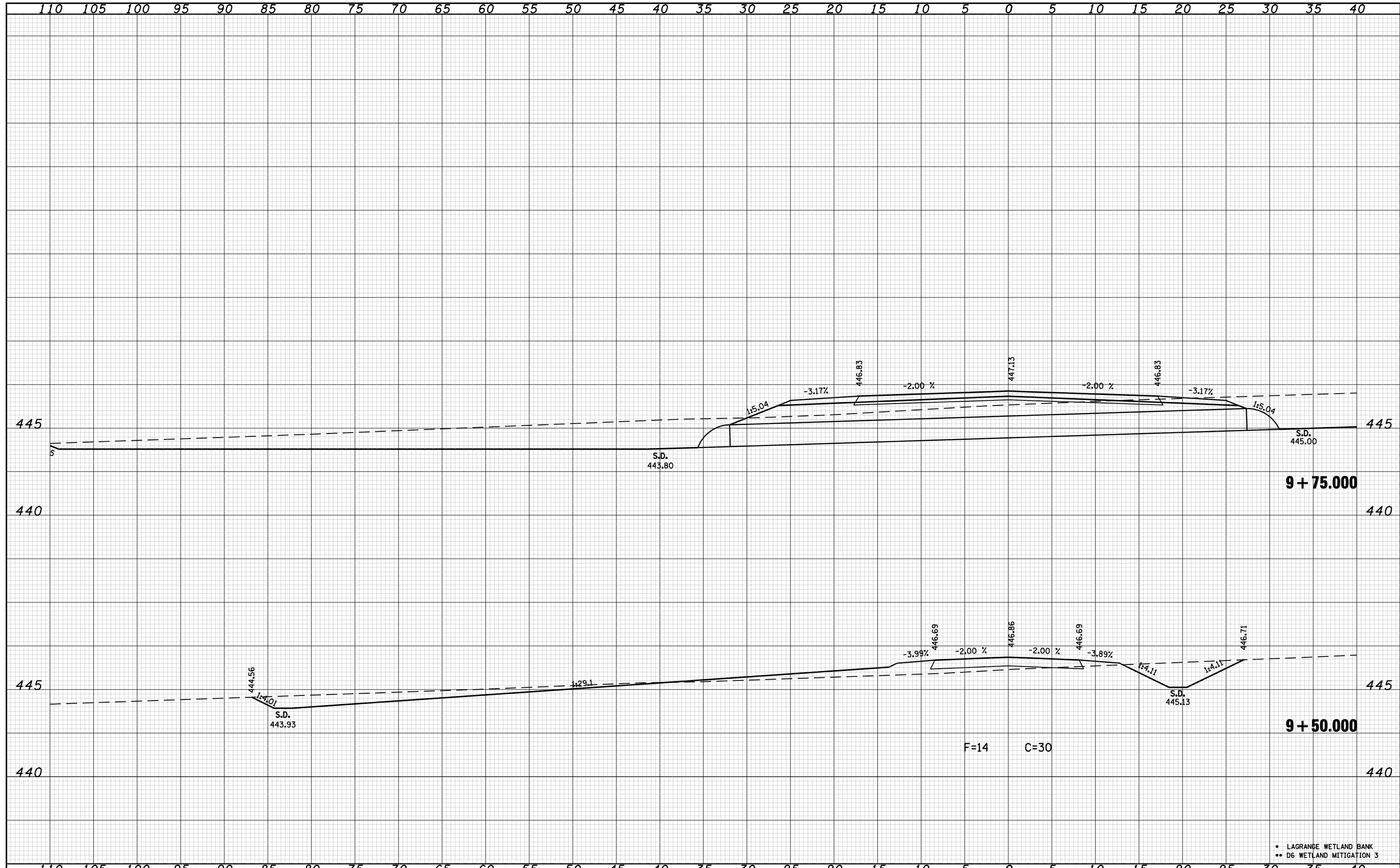


• LAGRANGE WETLAND BANK  
 \*\* D6 WETLAND MITIGATION 3

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISIED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS A001B</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C:\Projects\d650305\contract 03\ase001b\sheet.dgn		DRAWN - KPG	REVISIED -					•	**	BROWN	174	71
		CHECKED - JCN	REVISIED -		SCALE: SHEET NO. OF SHEETS STA. 8+50.000 TO STA. 9+00.000			CONTRACT NO. 72968				
		DATE -	REVISIED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							

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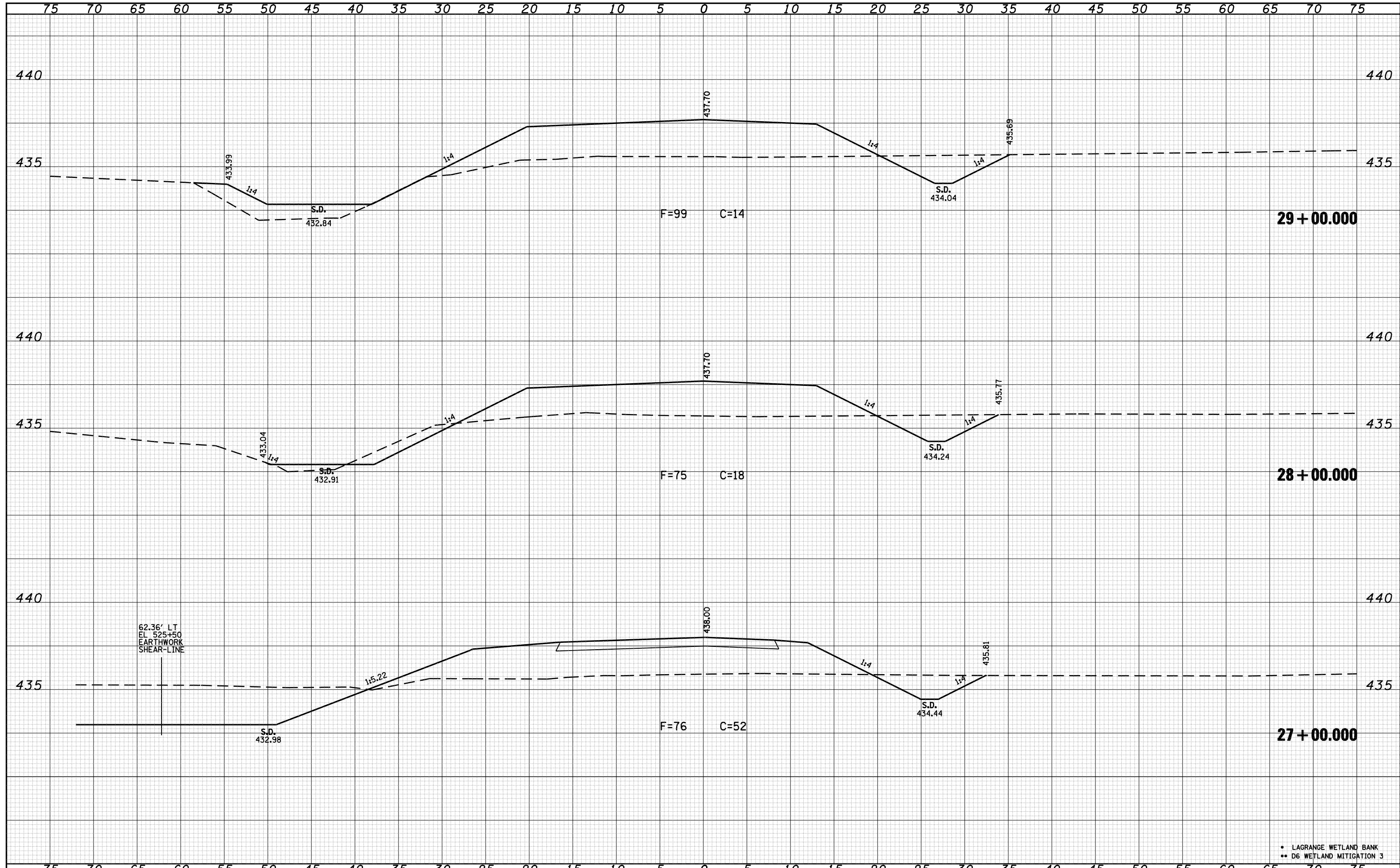
• LAGRANGE WETLAND BANK  
 \*\* D6 WETLAND MITIGATION 3

FILE NAME =	USER NAME = laughlin1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS A001B</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C:\Projects\d650305\contract 03\xse001b\sheet.dgn	PLOT SCALE = 10.0000' / IN.	DRAWN - KPG	REVISED -					•	**	BROWN	174	72
PLOT DATE = Mar-17-2008 12:07:49PM	DATE -	CHECKED - JCN	REVISED -		SCALE: SHEET NO. OF SHEETS STA. 9+50.000 TO STA. 9+75.000			CONTRACT NO. 72968				
		DATE -	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							



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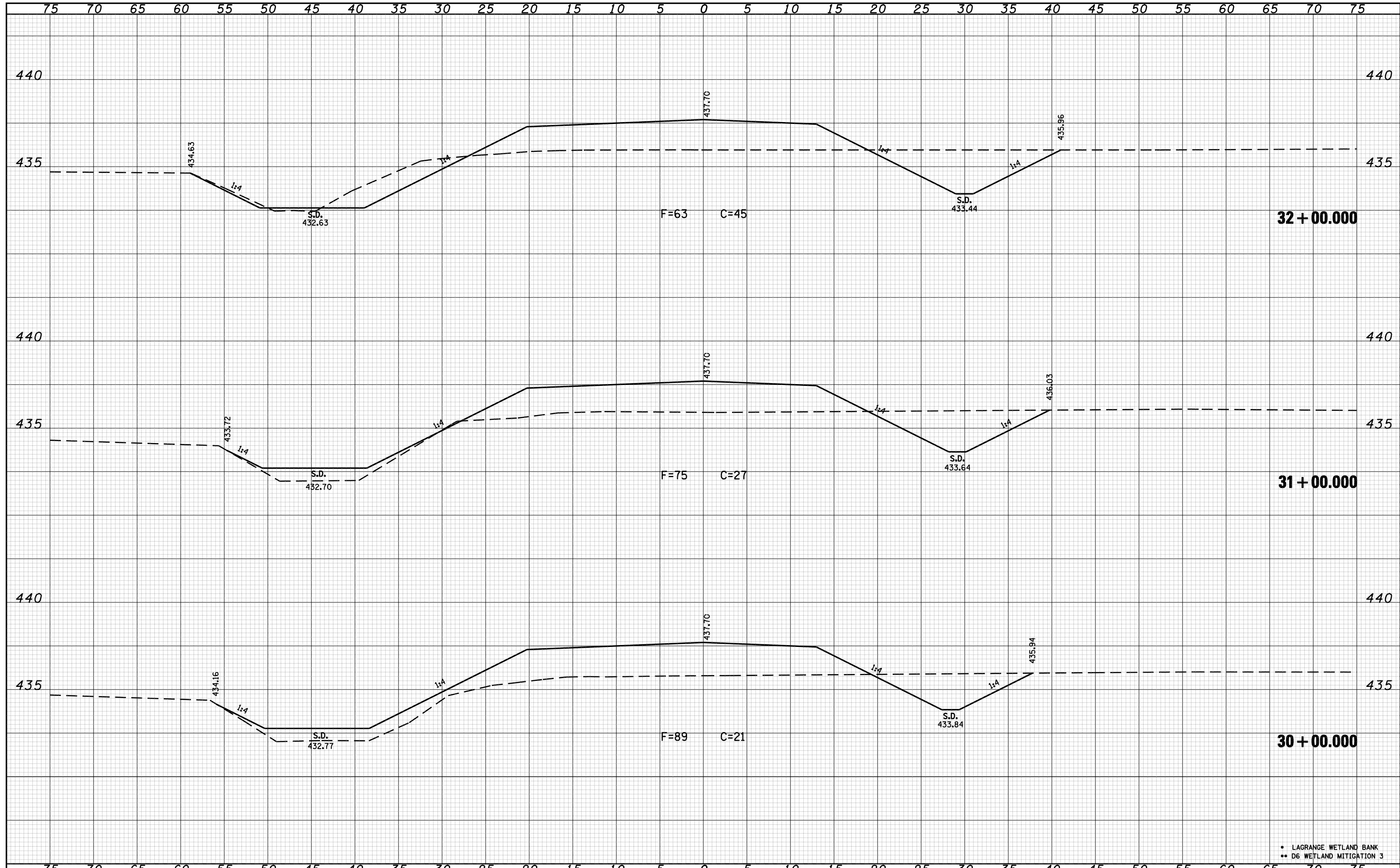


• LAGRANGE WETLAND BANK  
 •• D6 WETLAND MITIGATION 3

FILE NAME =	USER NAME = laughlin1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS A001A</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C:\Projects\d650305\contract 03\ase001asheet.dgn		DRAWN - KPG	REVISED -		•	••	BROWN	174	73			
PLOT SCALE = 10.0000' / IN.		CHECKED - JCN	REVISED -		CONTRACT NO. 72968							
PLOT DATE = Mar-17-2008 12:07:55PM		DATE -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA. 27+00.000 TO STA. 29+00.000	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		

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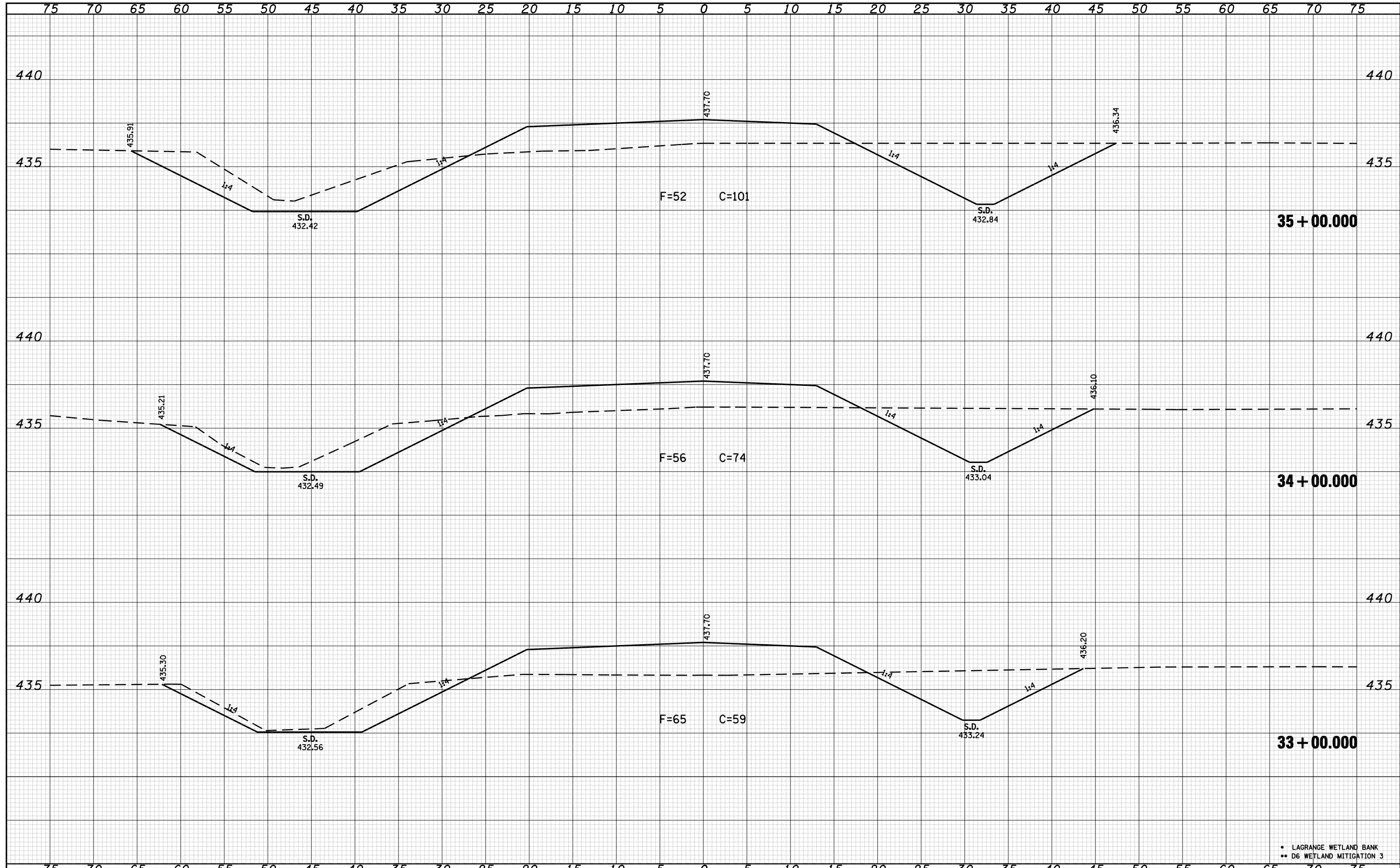


• LAGRANGE WETLAND BANK  
 •• D6 WETLAND MITIGATION 3

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS A001A</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C:\Projects\d650305\contract 03\ase001asheet.dgn		DRAWN - KPG	REVISED -					•	••	BROWN	174	74
PLOT SCALE = 10.0000' / IN.		CHECKED - JCN	REVISED -		CONTRACT NO. 72968							
PLOT DATE = Mar-17-2008 12:08:00PM		DATE -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA. 30+00.000 TO STA. 32+00.000	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		

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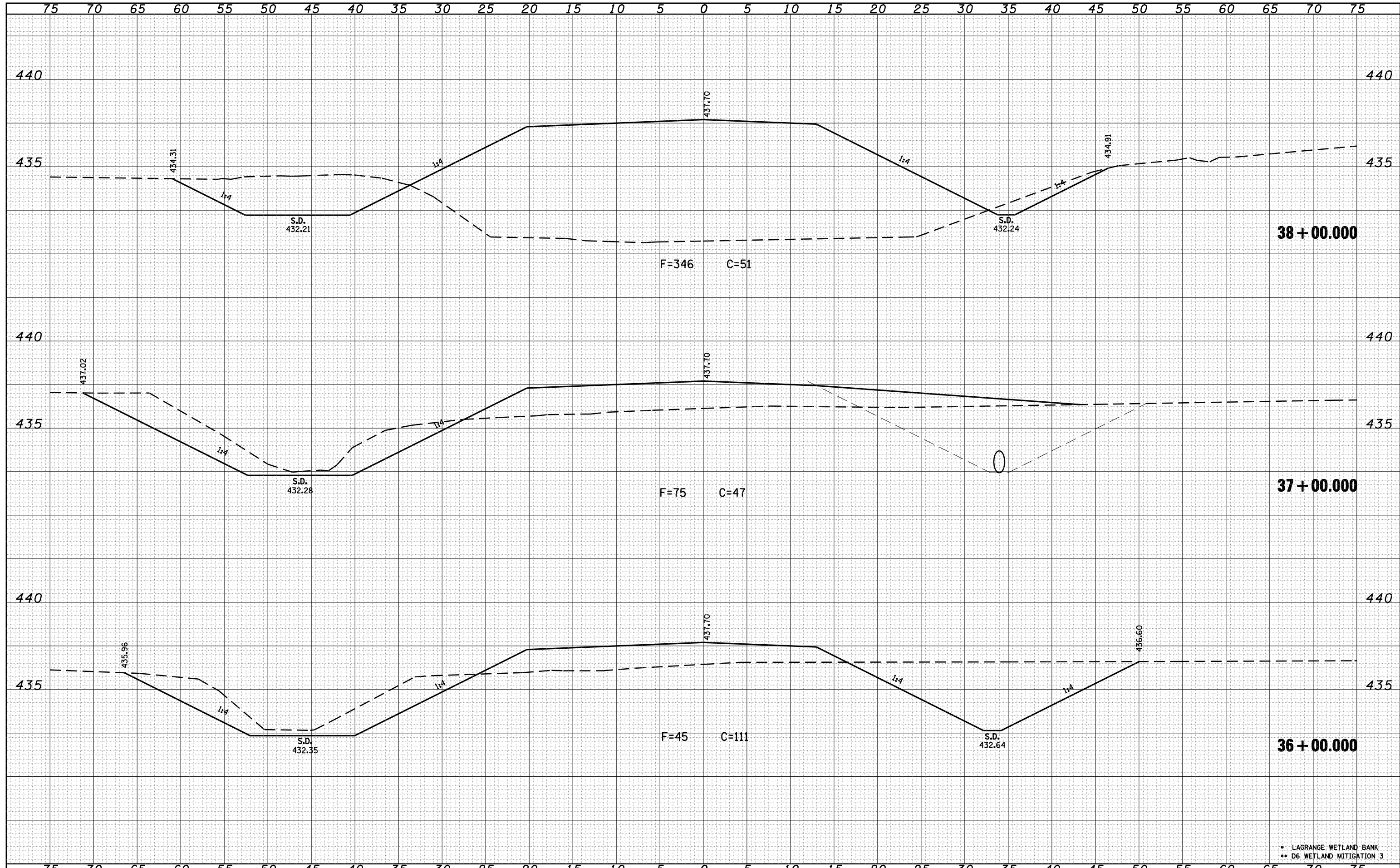


• LAGRANGE WETLAND BANK  
 •• D6 WETLAND MITIGATION 3

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS A001A</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C:\Projects\d650305\contract 03\xse001asheet.dgn		DRAWN - KPG	REVISED -		•	••	BROWN	174	75			
PLOT SCALE = 10.0000' / IN.		CHECKED - JCN	REVISED -		CONTRACT NO. 72968							
PLOT DATE = Mar-17-2008 12:08:05PM		DATE -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA. 33+00.000 TO STA. 35+00.000	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		

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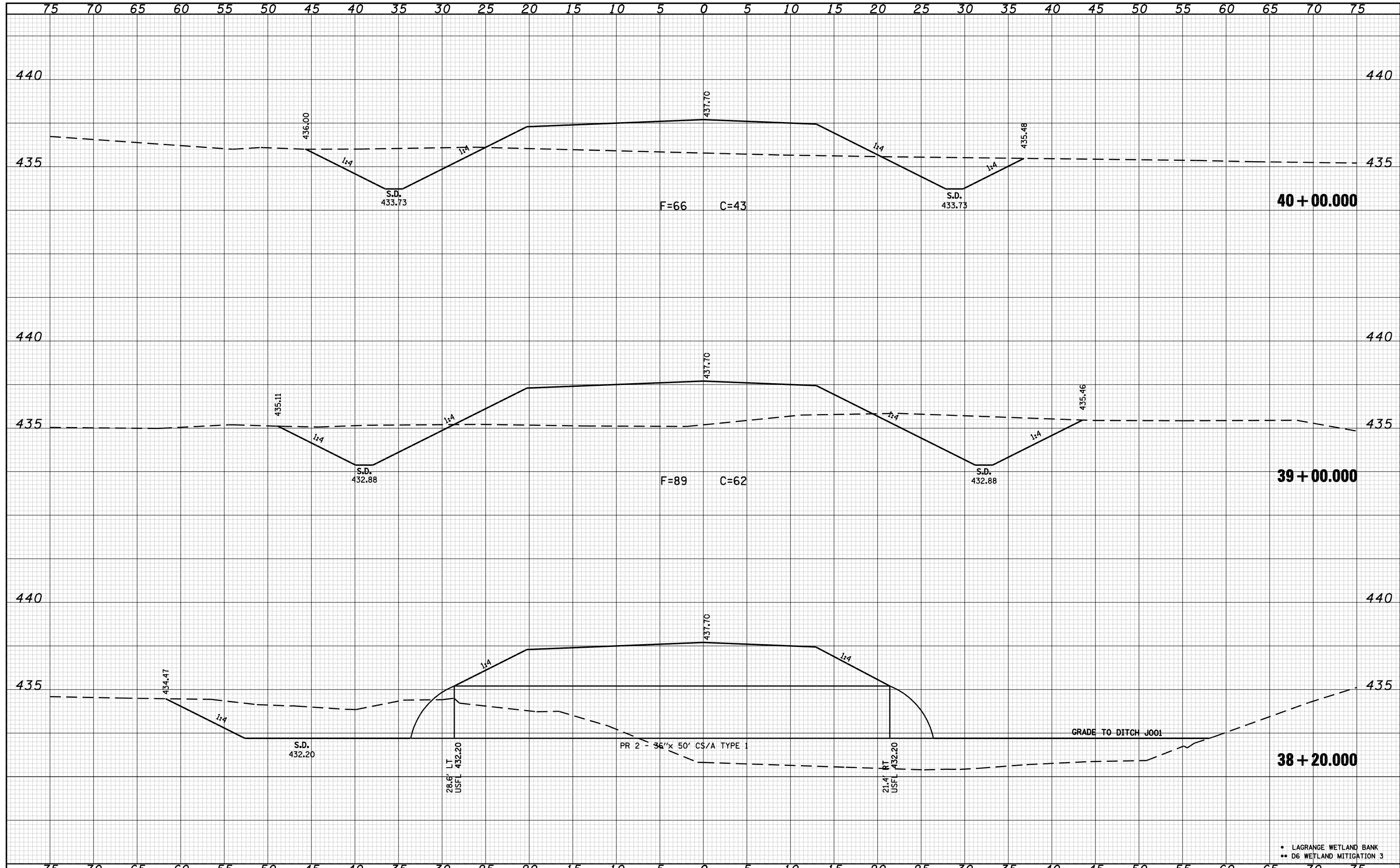


• LAGRANGE WETLAND BANK  
 •• D6 WETLAND MITIGATION 3

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	PLOT SCALE = 10.0000' / IN.	DRAWN - KPG	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA. 36+00.000 TO STA. 38+00.000	•	••	BROWN	174	76
	PLOT DATE = Mar-17-2008 12:08:10PM	CHECKED - JCN	REVISED -										
		DATE -	REVISED -						FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
											<b>CONTRACT NO. 72968</b>		

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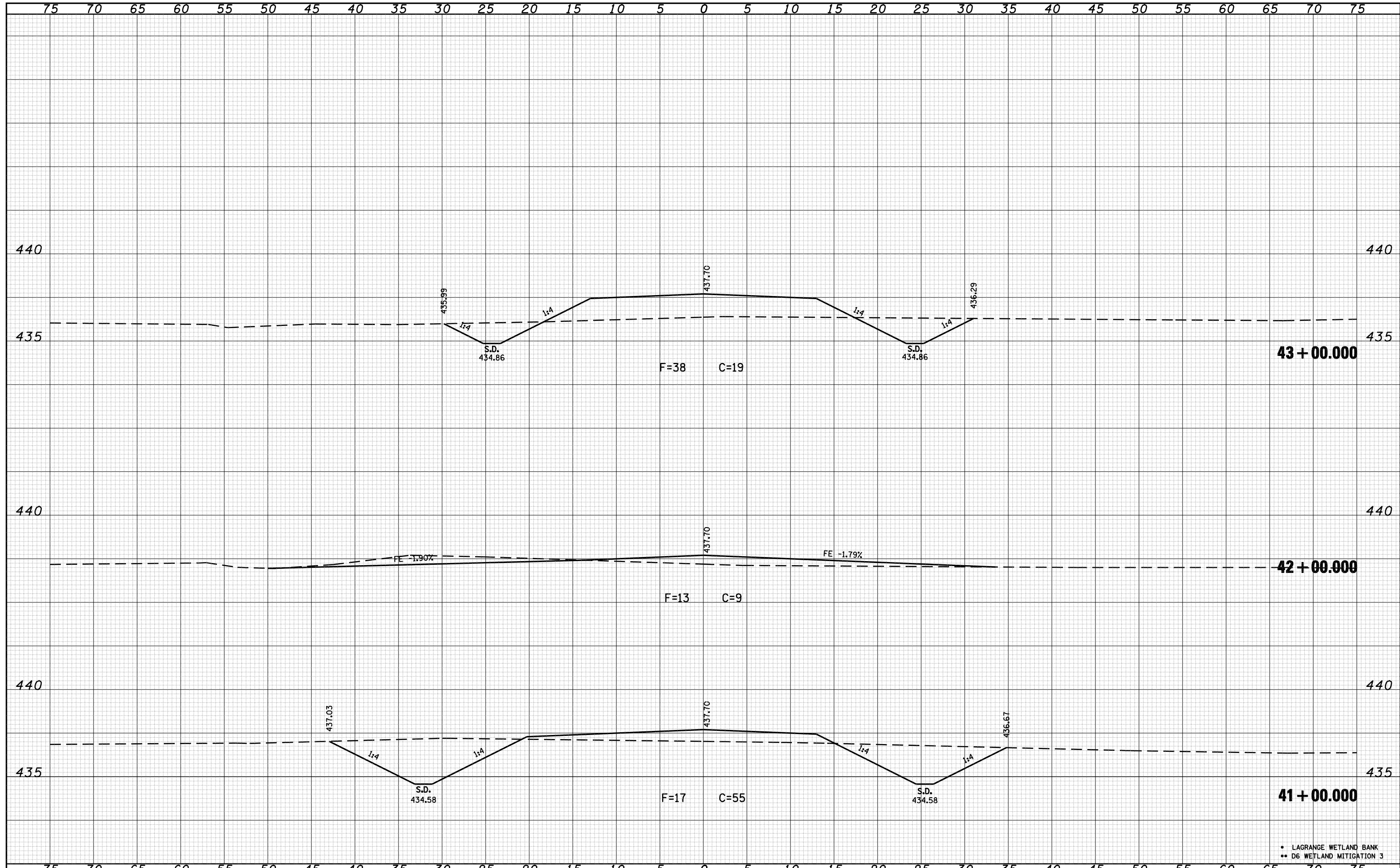


FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS A001A</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C:\Projects\d650305\contract 03\xs001\sheet.dgn		DRAWN - KPG	REVISED -					•	••	BROWN	174	77
PLOT SCALE = 10.0000' / IN.		CHECKED - JCN	REVISED -		CONTRACT NO. 72968							
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• LAGRANGE WETLAND BANK  
 •• D6 WETLAND MITIGATION 3

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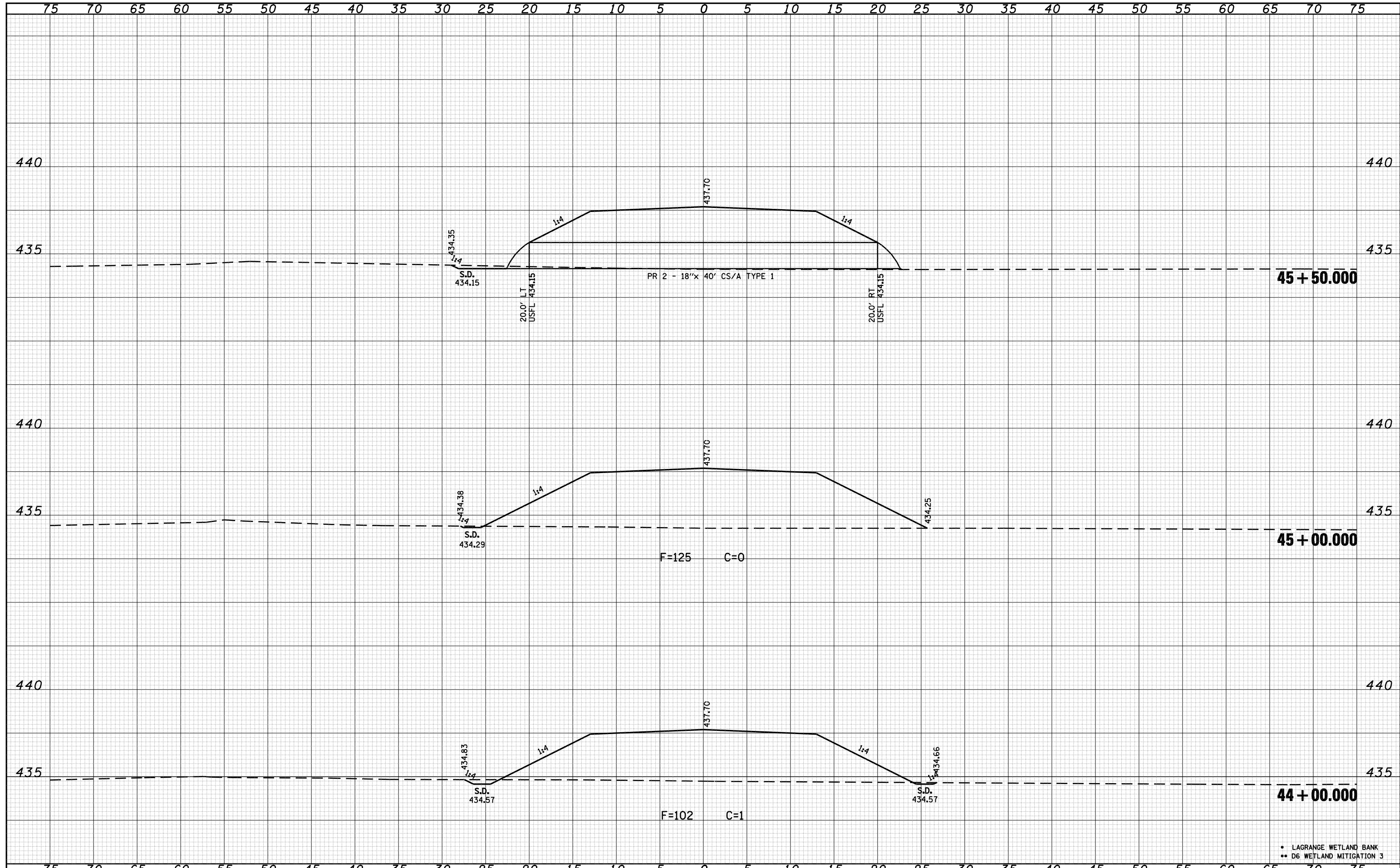


• LAGRANGE WETLAND BANK  
 \*\* D6 WETLAND MITIGATION 3

FILE NAME = C:\Projects\650305\contract 03\ase001\sheet.dgn	USER NAME = laughlinr1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS A001A</b>			F.A.P. RTE. *	SECTION **	COUNTY BROWN	TOTAL SHEETS 174	SHEET NO. 78
PLOT SCALE = 10.0000' / IN.	CHECKED - JCN	REVISIED -	REVISIED -		SCALE:	SHEET NO.	OF SHEETS	STA. 41+00.000 TO STA. 43+00.000	CONTRACT NO. 72968			
PLOT DATE = Mar-17-2008 12:08:19PM	DATE -	REVISIED -	REVISIED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							

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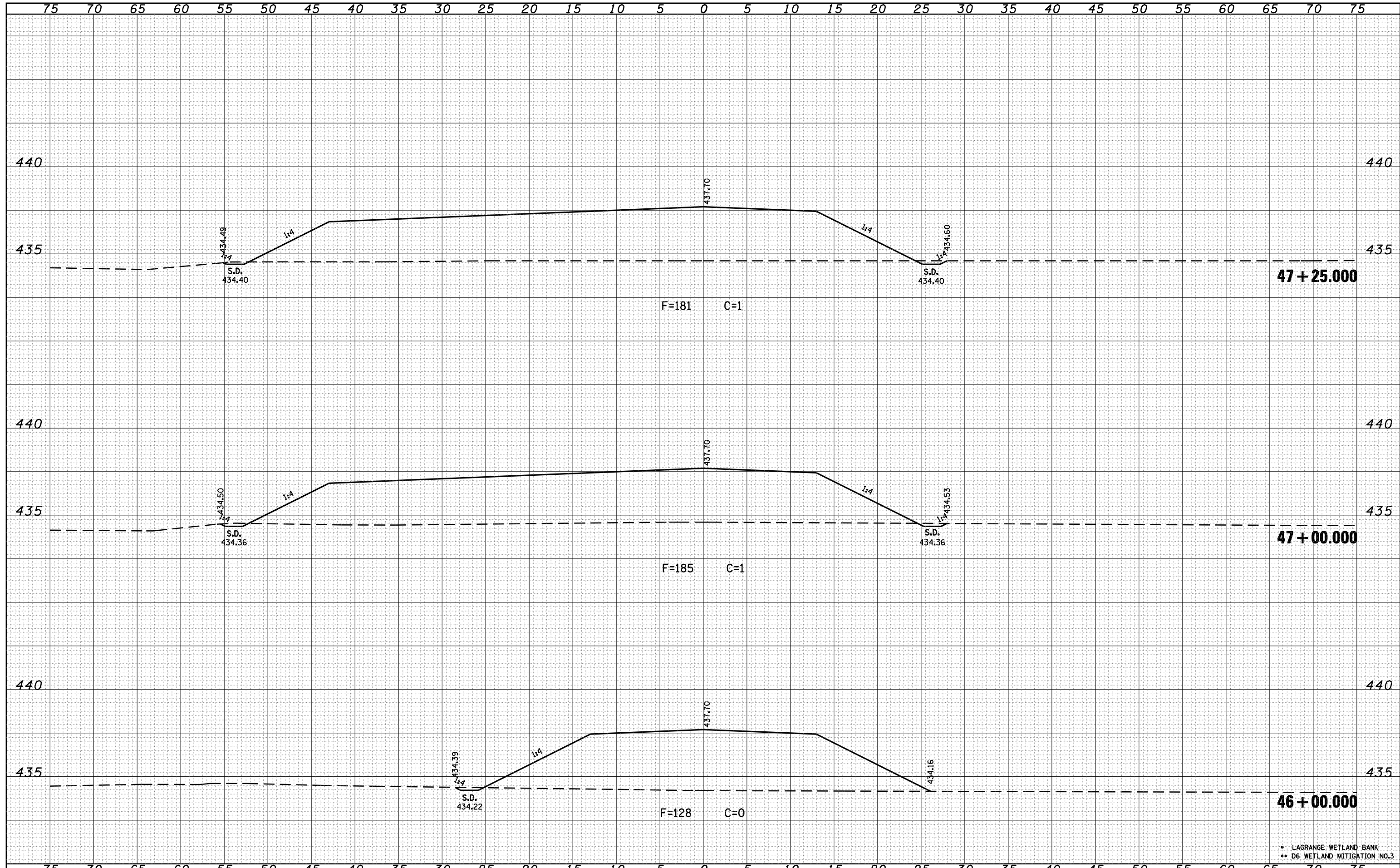


• LAGRANGE WETLAND BANK  
 •• D6 WETLAND MITIGATION 3

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS A001A</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C:\Projects\d650305\contract 03\xse001asheet.dgn		DRAWN - KPG	REVISED -		•	••	BROWN	174	79			
PLOT SCALE = 10.0000' / IN.		CHECKED - JCN	REVISED -		SCALE:      SHEET NO.    OF    SHEETS    STA. 44+00.000    TO STA. 45+50.000			CONTRACT NO. 72968				
PLOT DATE = Mar-17-2008 12:08:25PM		DATE -	REVISED -		FED. ROAD DIST. NO.    ILLINOIS FED. AID PROJECT							

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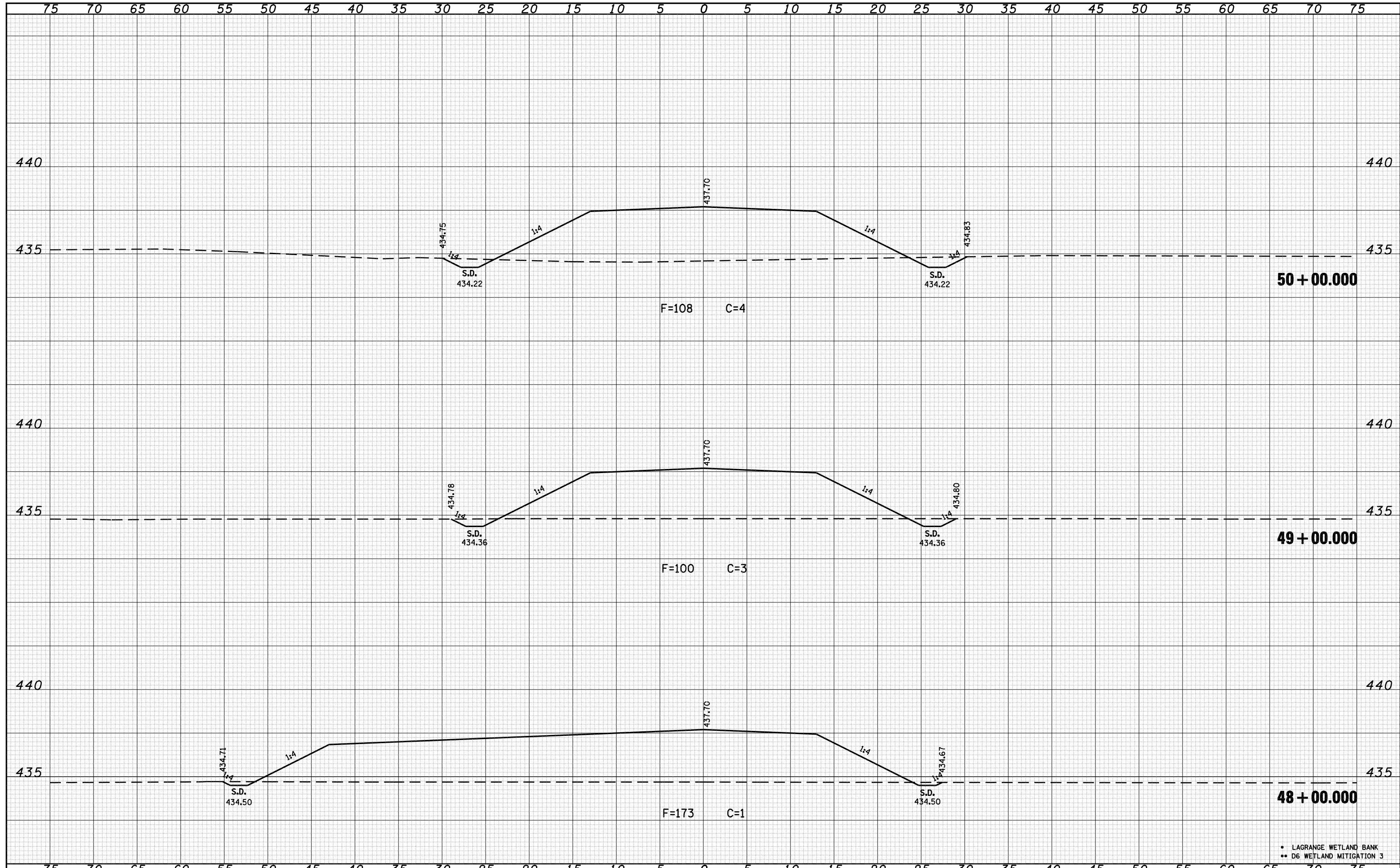
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C:\Projects\d650305\contract 03\ase001asheet.dgn		DRAWN - KPG	REVISED -		•	••	BROWN	174	80			
PLOT SCALE = 10.0000' / IN.		CHECKED - JCN	REVISED -		CONTRACT NO. 72968							
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• LAGRANGE WETLAND BANK  
•• D6 WETLAND MITIGATION NO.3



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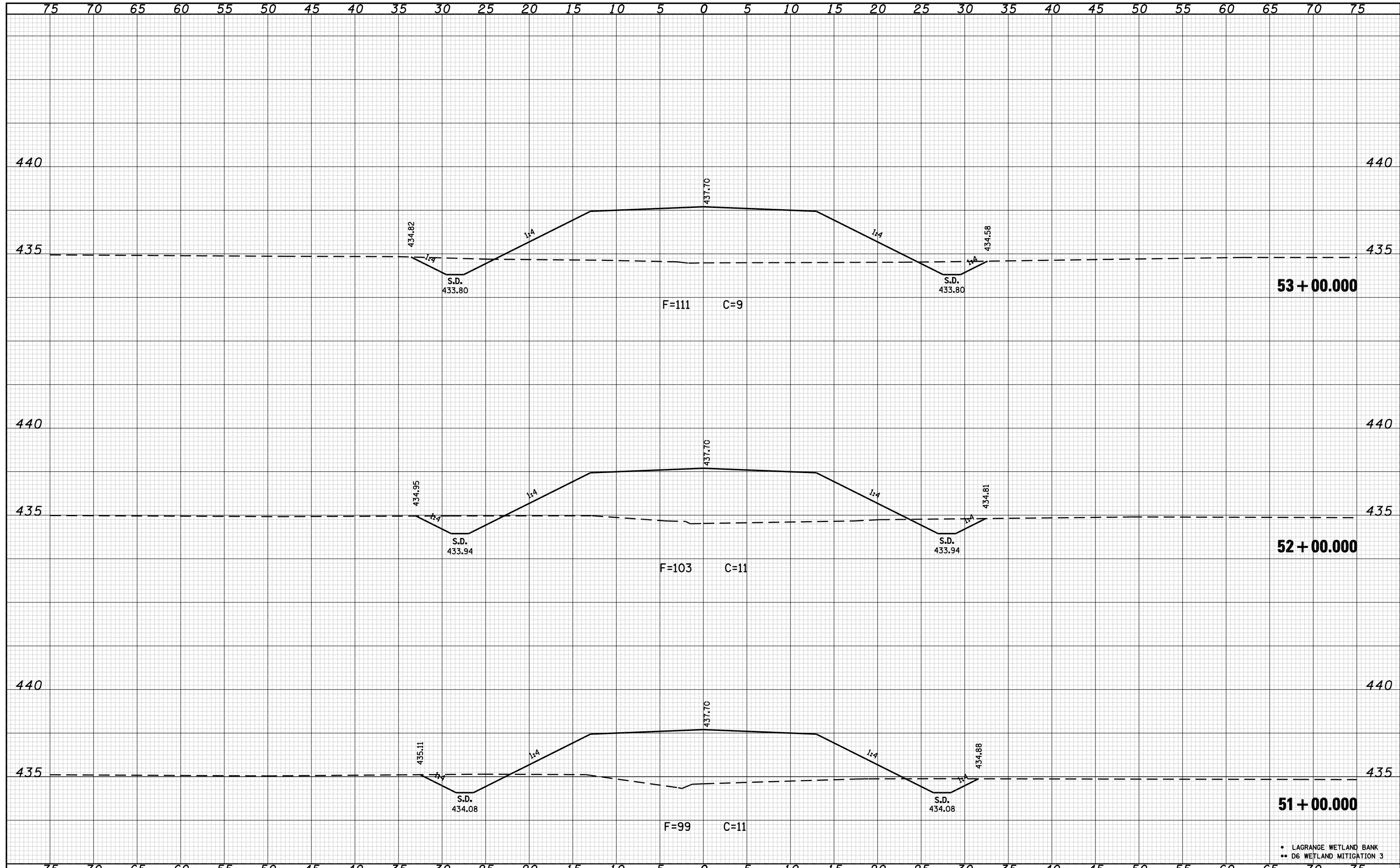


• LAGRANGE WETLAND BANK  
 \*\* D6 WETLAND MITIGATION 3

FILE NAME =	USER NAME = laughlin1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS A001A</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = Mar-17-2008 12:08:35PM		DATE -	REVISED -		FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT					

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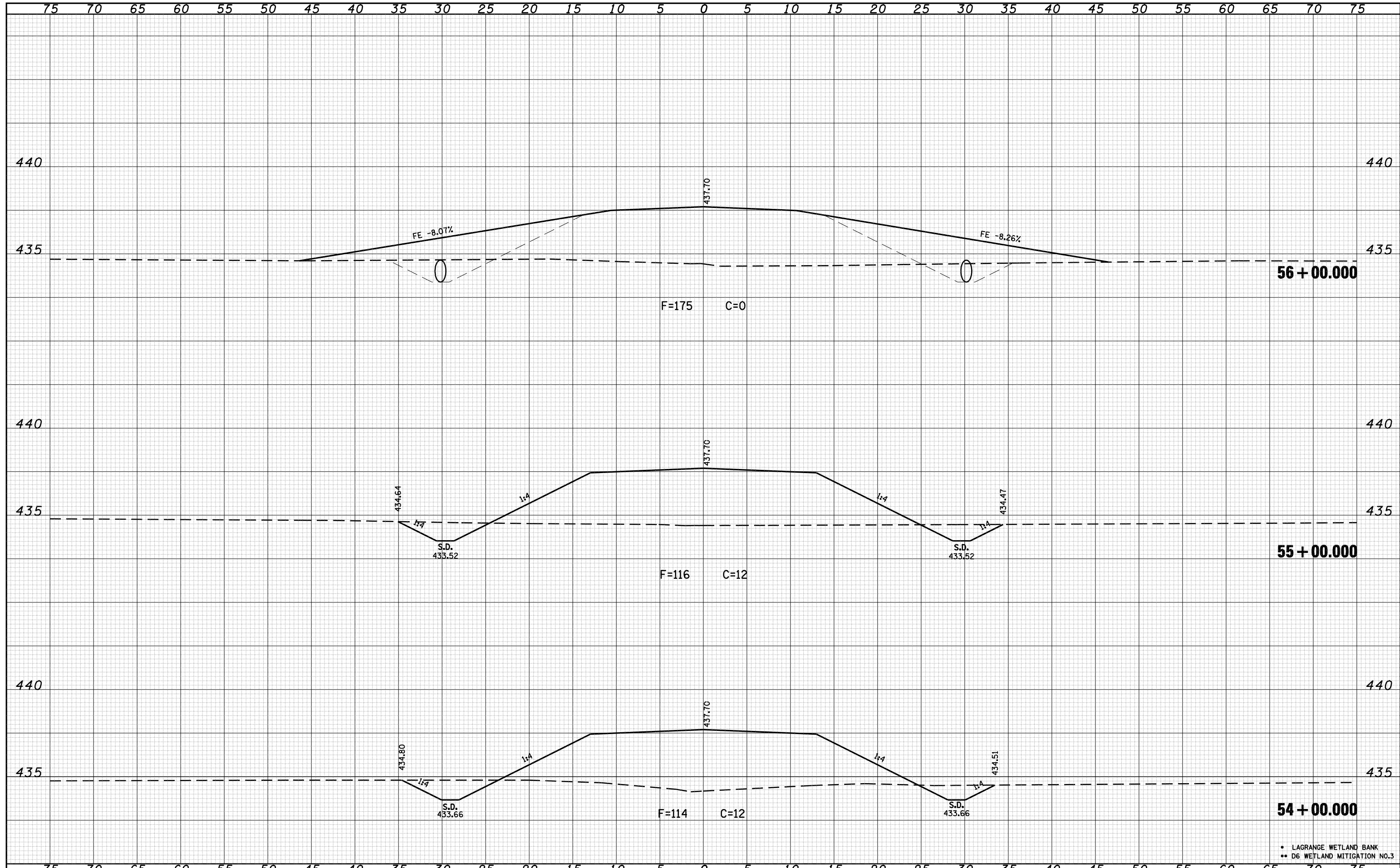


• LAGRANGE WETLAND BANK  
 •• D6 WETLAND MITIGATION 3

FILE NAME = C:\Projects\d650305\contract 03\ase001asheet.dgn	USER NAME = laughlinr1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS A001A</b>			F.A.P. RTE. *	SECTION **	COUNTY BROWN	TOTAL SHEETS 174	SHEET NO. 82
PLOT SCALE = 10.0000' / IN.	CHECKED - JCN	REVISIED -	REVISIED -		SCALE:	SHEET NO.	OF SHEETS	STA. 51+00.000 TO STA. 53+00.000	CONTRACT NO. 72968			
PLOT DATE = Mar-17-2008 12:08:40PM	DATE -	REVISIED -	REVISIED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							

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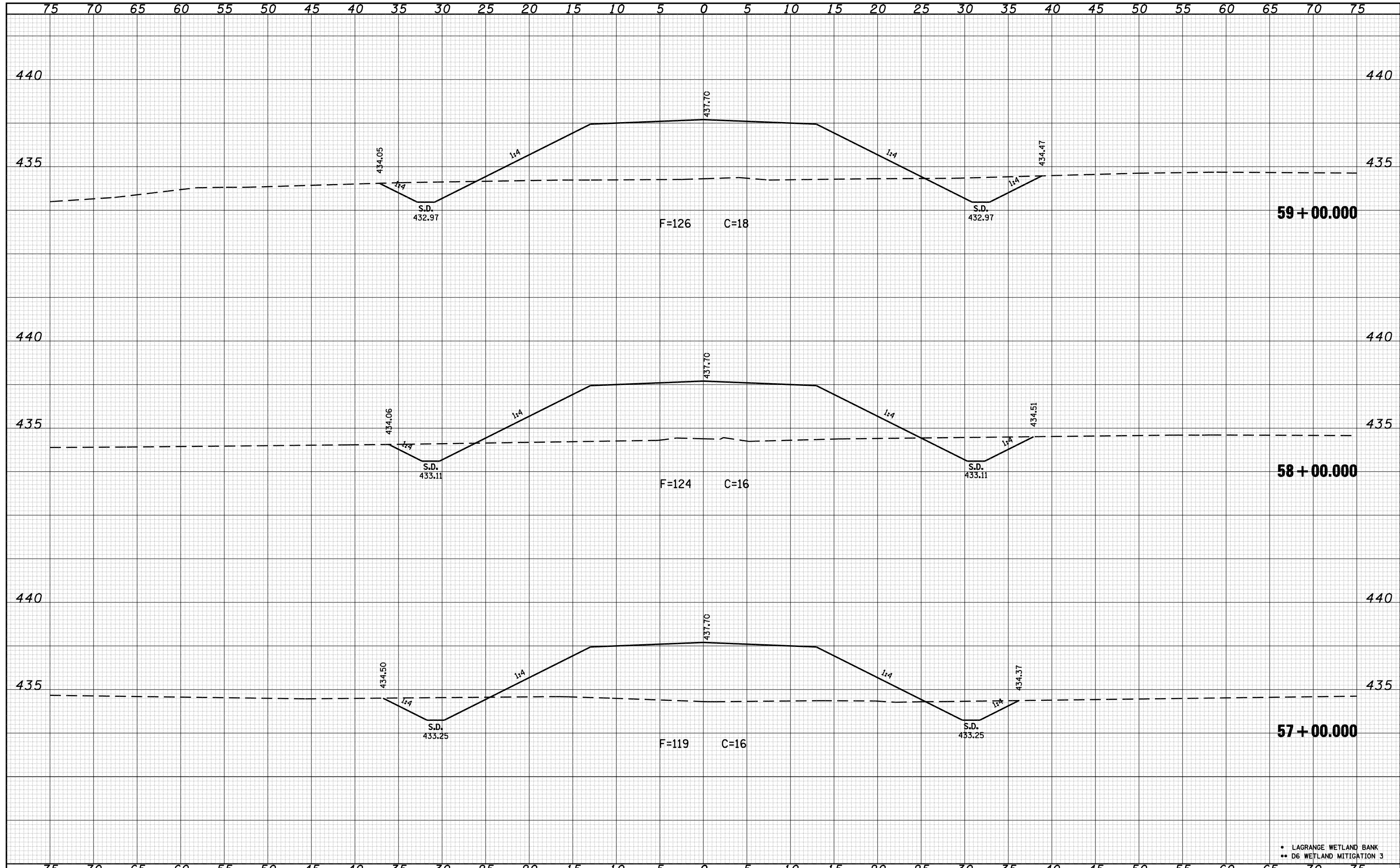


• LAGRANGE WETLAND BANK  
 \*\* D6 WETLAND MITIGATION NO.3

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS A001A</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 10.0000' / IN.		CHECKED - JCN	REVISED -		SCALE: SHEET NO. OF SHEETS STA. 54+00.000 TO STA. 56+00.000			CONTRACT NO. 72968				
PLOT DATE = Mar-17-2008 12:08:45PM		DATE -	REVISED -		FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT					

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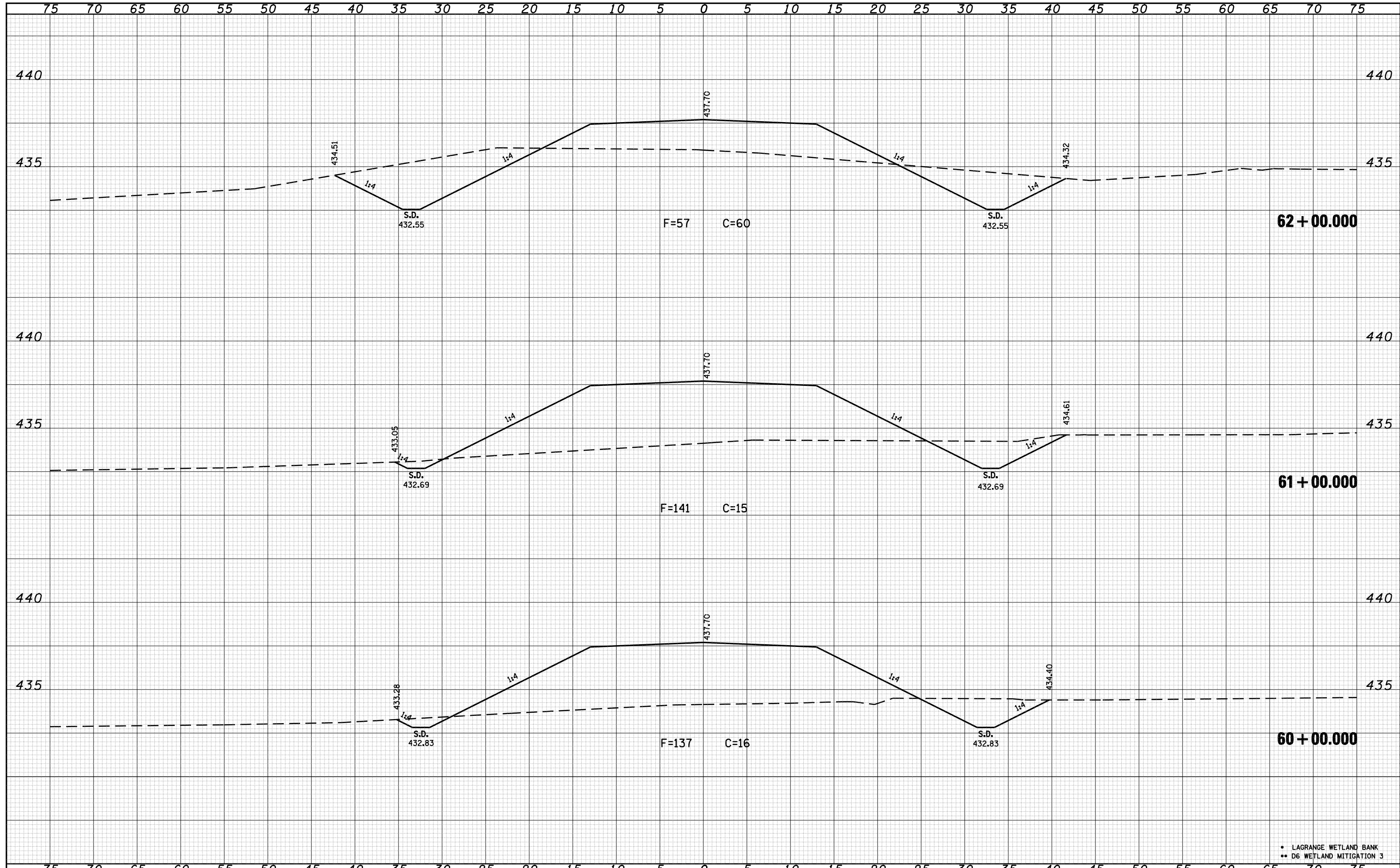


• LAGRANGE WETLAND BANK  
 •• D6 WETLAND MITIGATION 3

FILE NAME =	USER NAME = laughlin1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS A001A</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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		CHECKED - JCN	REVISED -								CONTRACT NO. 72968		
		DATE -	REVISED -								FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT

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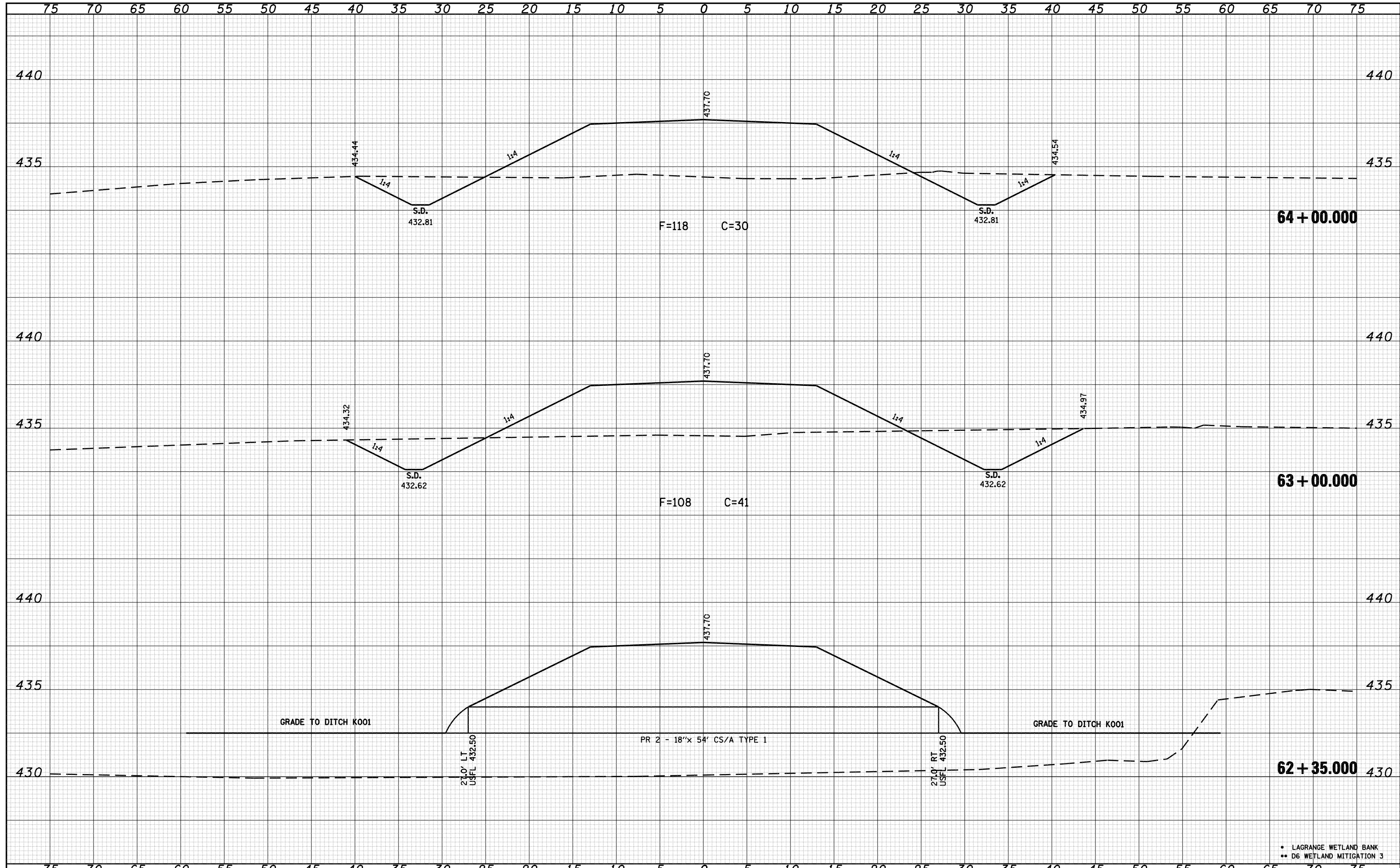


• LAGRANGE WETLAND BANK  
 •• D6 WETLAND MITIGATION 3

FILE NAME =	USER NAME = laughlin1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS A001A</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = Mar-17-2008 12:08:55PM		DATE -	REVISED -		FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT					

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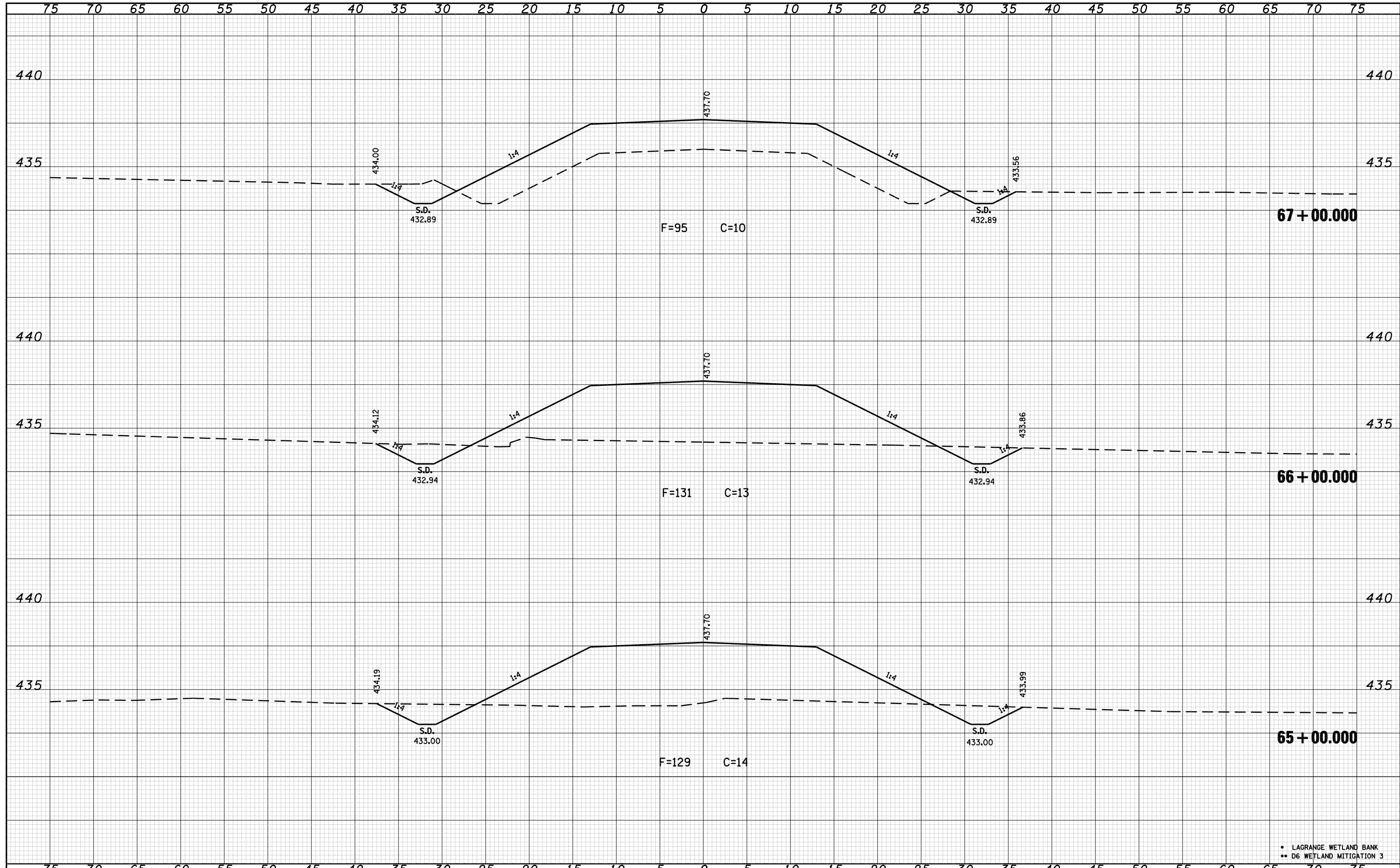


FILE NAME =	USER NAME = laughlin1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS A001A</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		DATE -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA. 62+35.000 TO STA. 64+00.000				

• LAGRANGE WETLAND BANK  
•• D6 WETLAND MITIGATION 3

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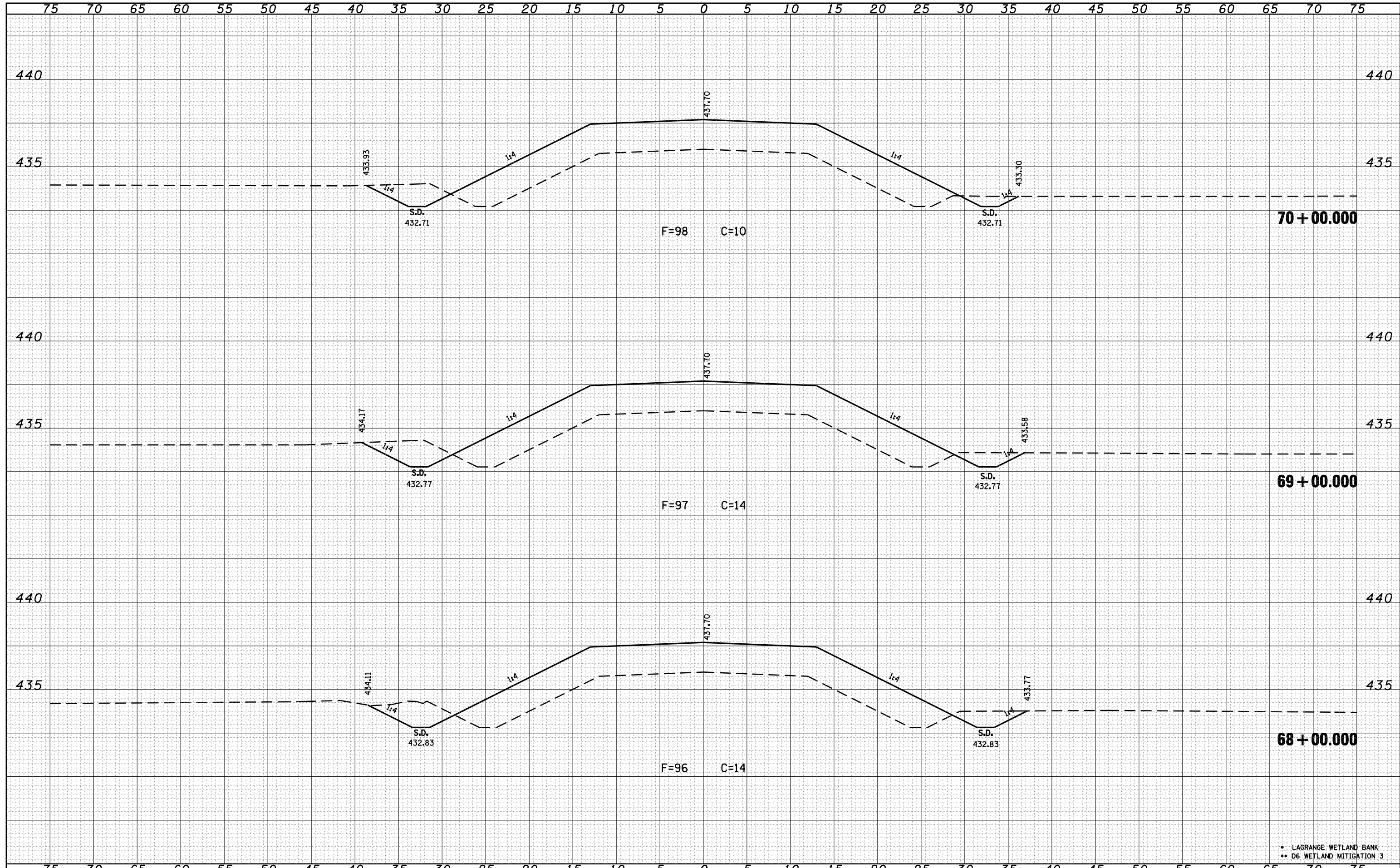


• LAGRANGE WETLAND BANK  
 •• D6 WETLAND MITIGATION 3

FILE NAME =	USER NAME = laughlin1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS A001A</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
C:\Projects\d650305\contract 03\xse001asheet.dgn		DRAWN - KPG	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA. 65+00.000	TO STA. 67+00.000	BROWN	174	87
		CHECKED - JCN	REVISED -								CONTRACT NO. 72968		
		DATE -	REVISED -						FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

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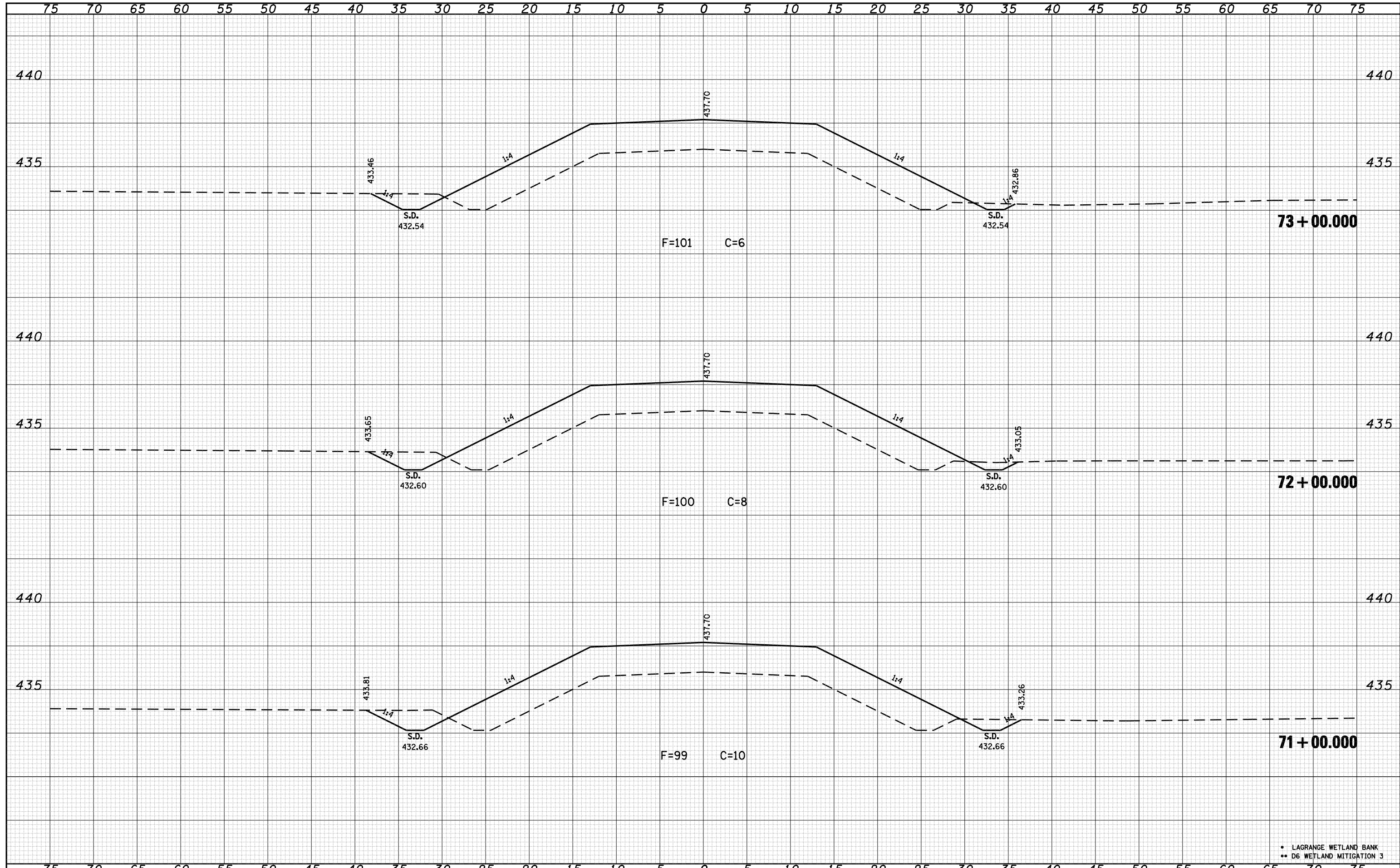
• LAGRANGE WETLAND BANK  
 •• D6 WETLAND MITIGATION 3

FILE NAME =	USER NAME = laughlin1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS A001A</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
C:\Projects\d650305\contract 03\xse001asheet.dgn		DRAWN - KPG	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA. 68+00.000 TO STA. 70+00.000	•	••	BROWN	174	88
		CHECKED - JCN	REVISED -										
		DATE -	REVISED -										
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	PLOT DATE = Mar-17-2008 12:09:10PM												
										FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	
										CONTRACT NO. 72968			



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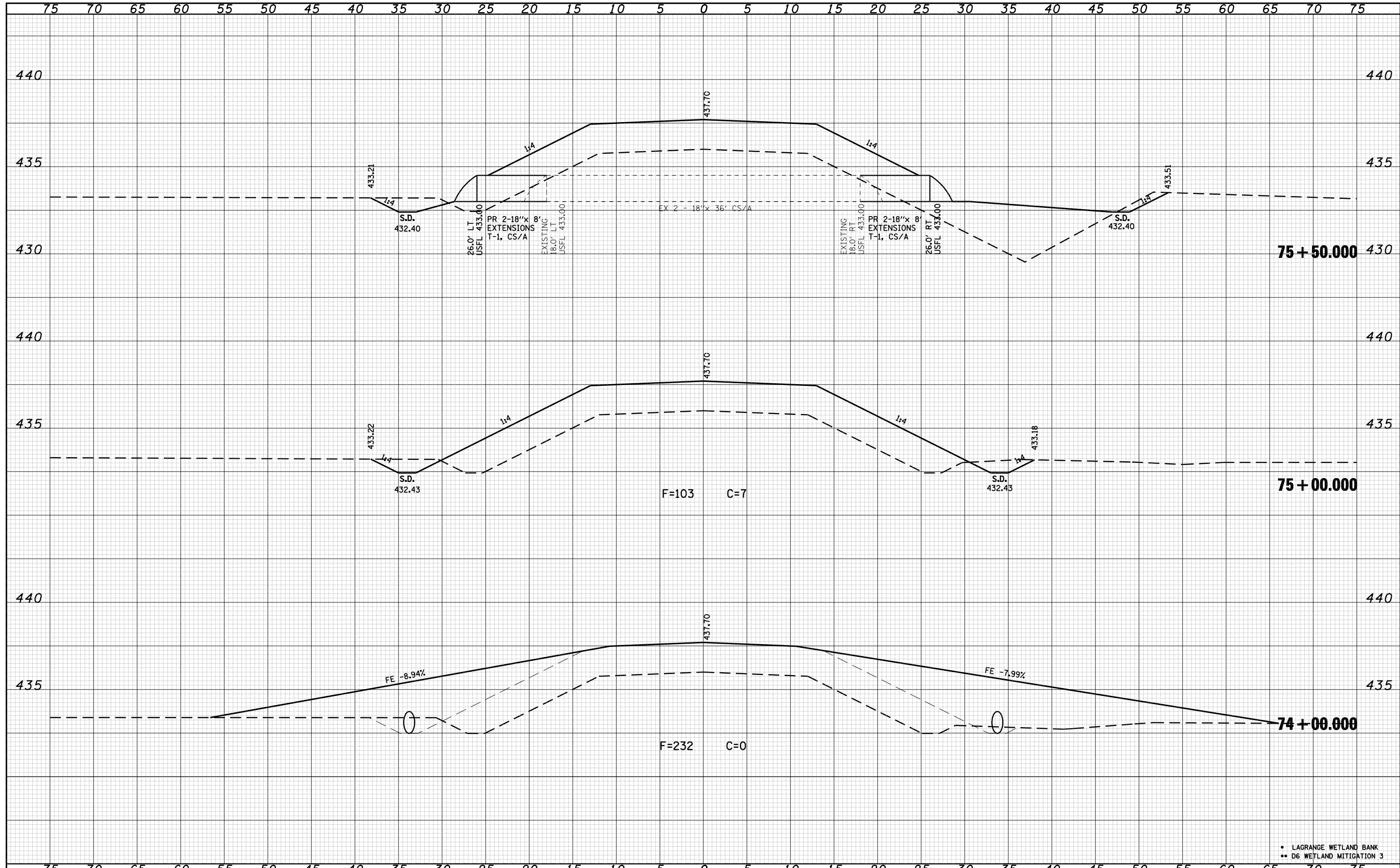


• LAGRANGE WETLAND BANK  
 •• D6 WETLAND MITIGATION 3

FILE NAME =	USER NAME = laughlin1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS A001A</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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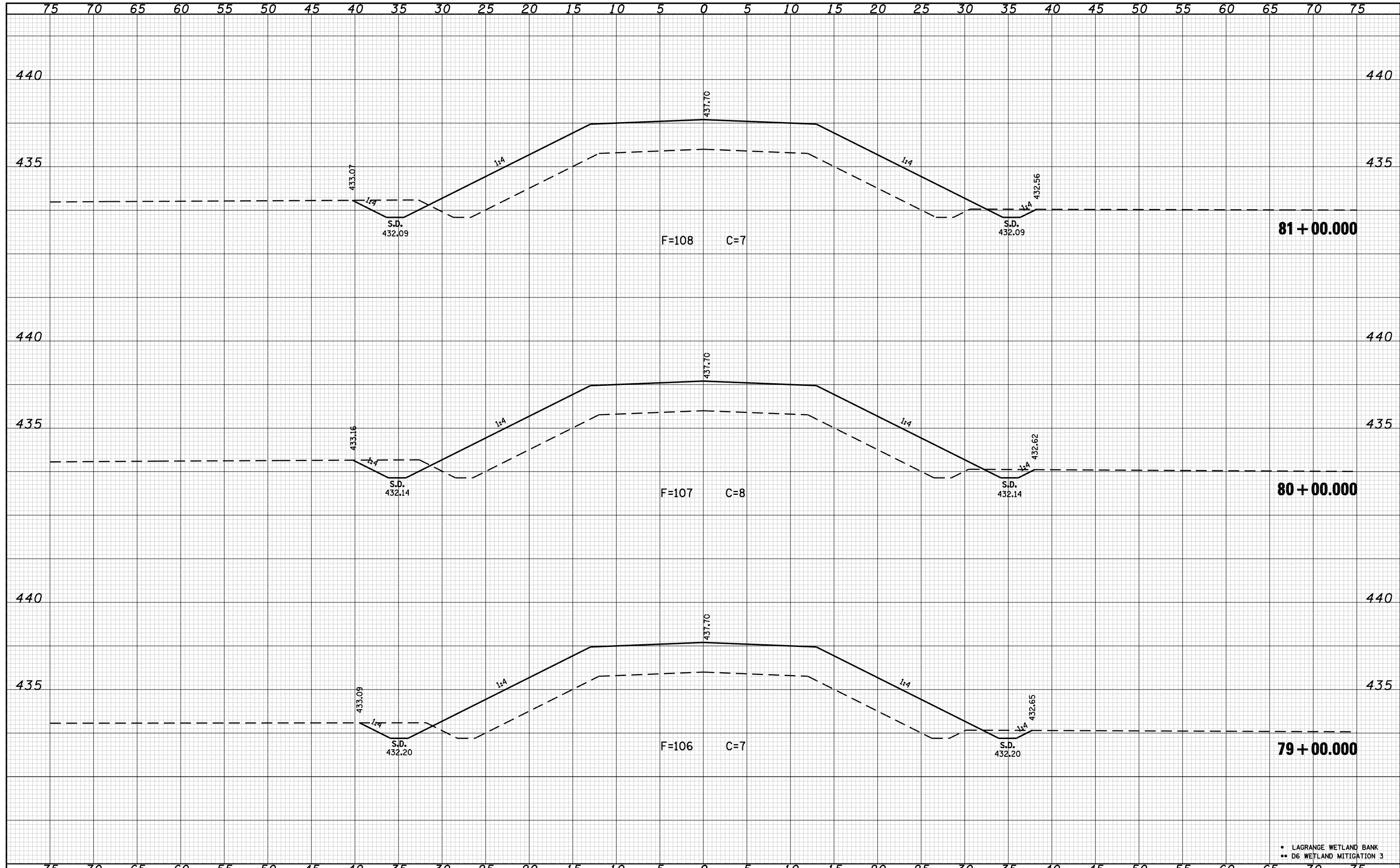
• LAGRANGE WETLAND BANK  
 •• D6 WETLAND MITIGATION 3

FILE NAME =	USER NAME = laughlin1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS A001A</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C:\Projects\d650305\contract 03\ase001asheet.dgn		DRAWN - KPG	REVISED -		•	••	BROWN	174	90			
PLOT SCALE = 10.0000' / IN.		CHECKED - JCN	REVISED -		SCALE: SHEET NO. OF SHEETS STA. 74+00.000 TO STA. 75+50.000			CONTRACT NO. 72968				
PLOT DATE = Mar-17-2008 12:09:20PM		DATE -	REVISED -		FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT					



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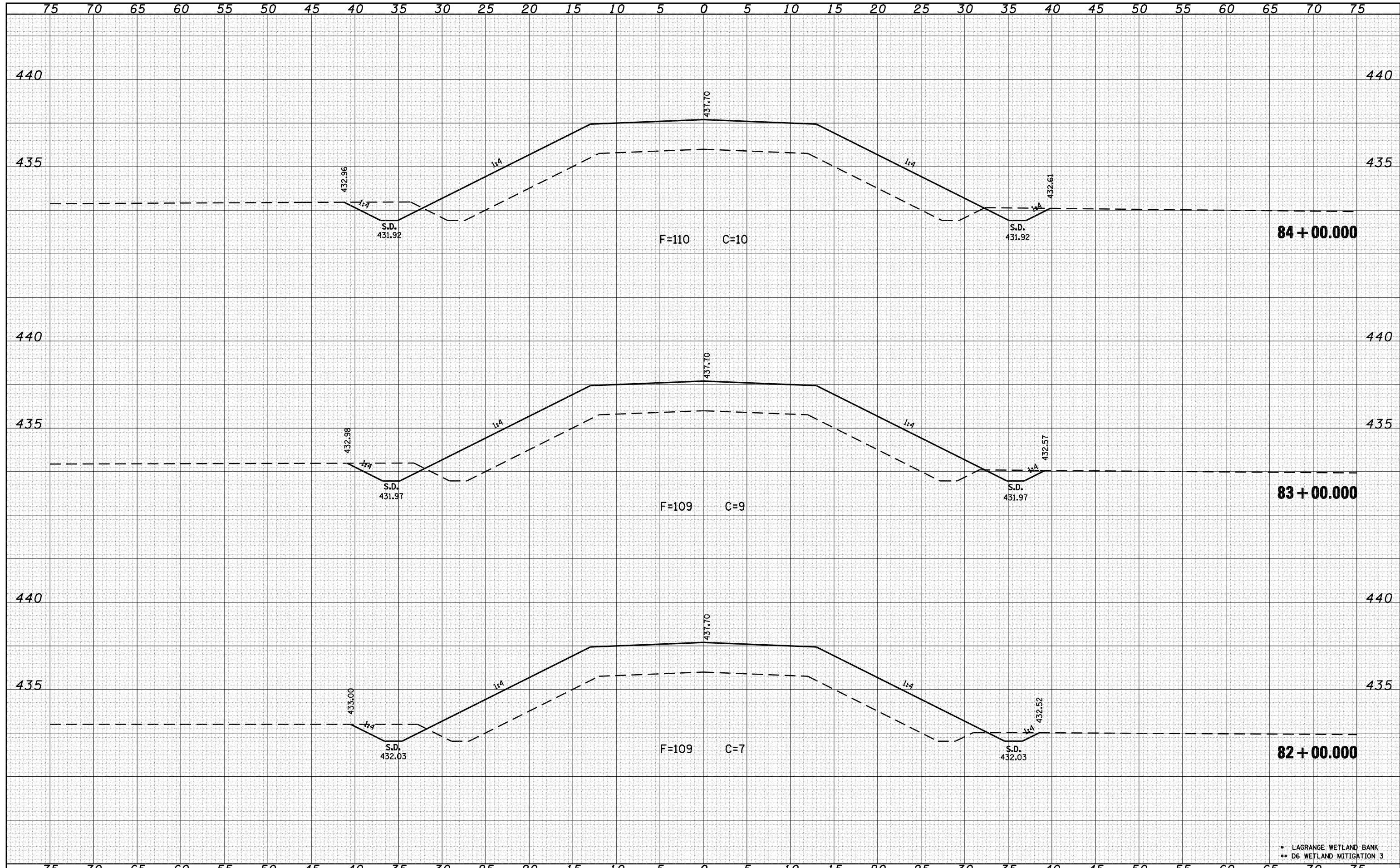


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FILE NAME =	USER NAME = laughlin1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS A001A</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C:\Projects\d650305\contract 03\xse001asheet.dgn		DRAWN - KPG	REVISED -		•	••	BROWN	174	92			
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PLOT DATE = Mar-17-2008 12:09:30PM		DATE -	REVISED -		FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT					

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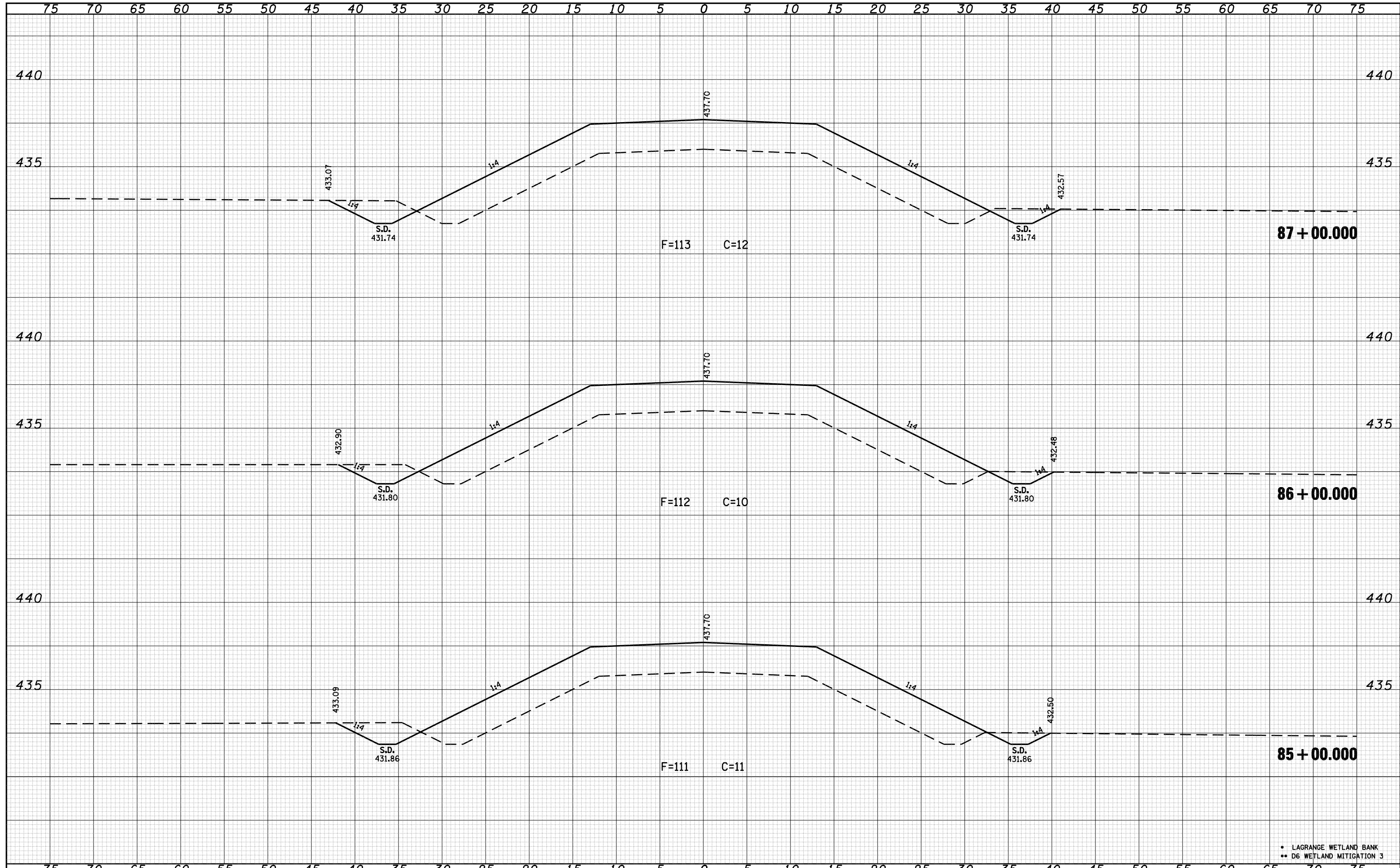


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 •• D6 WETLAND MITIGATION 3

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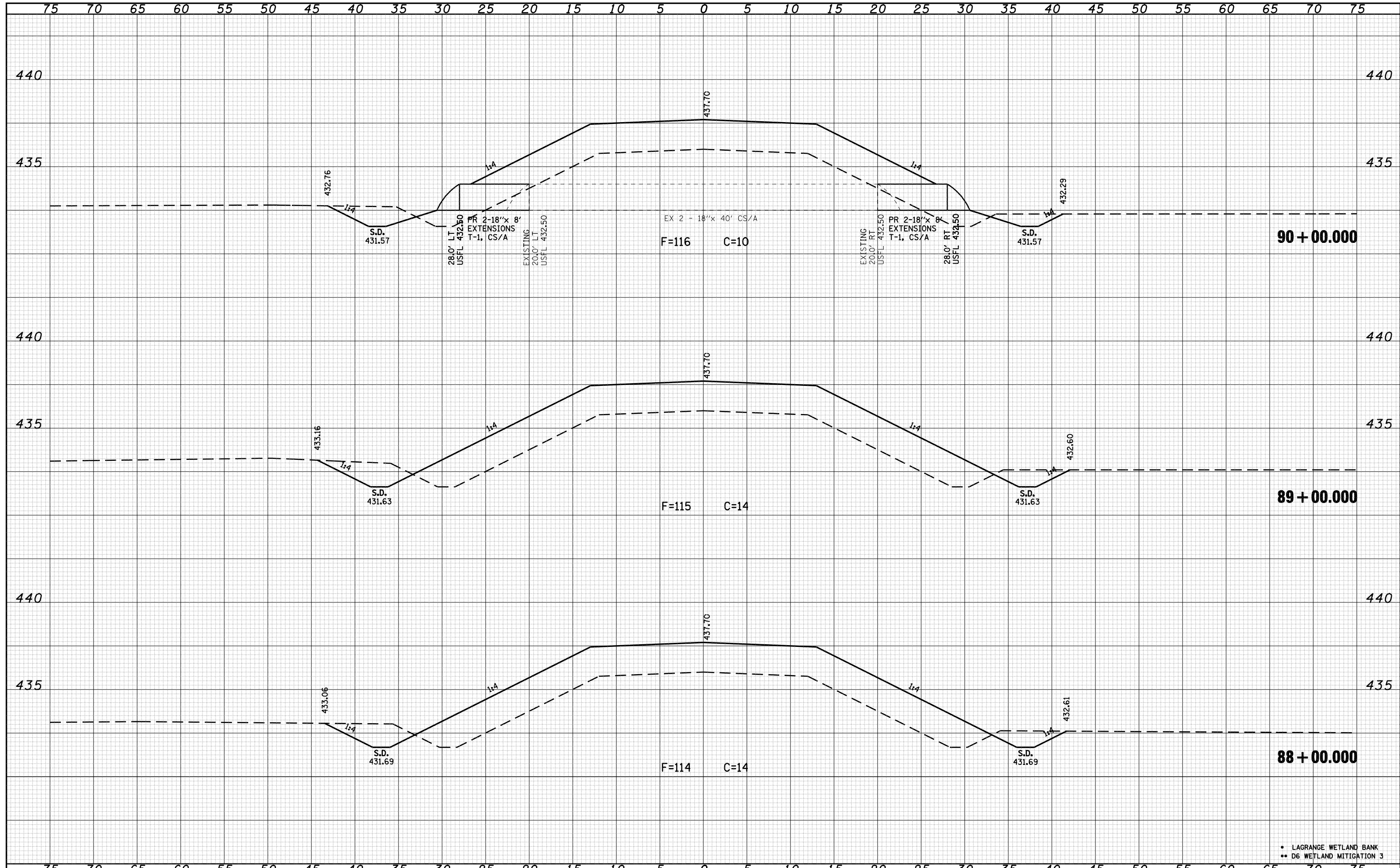


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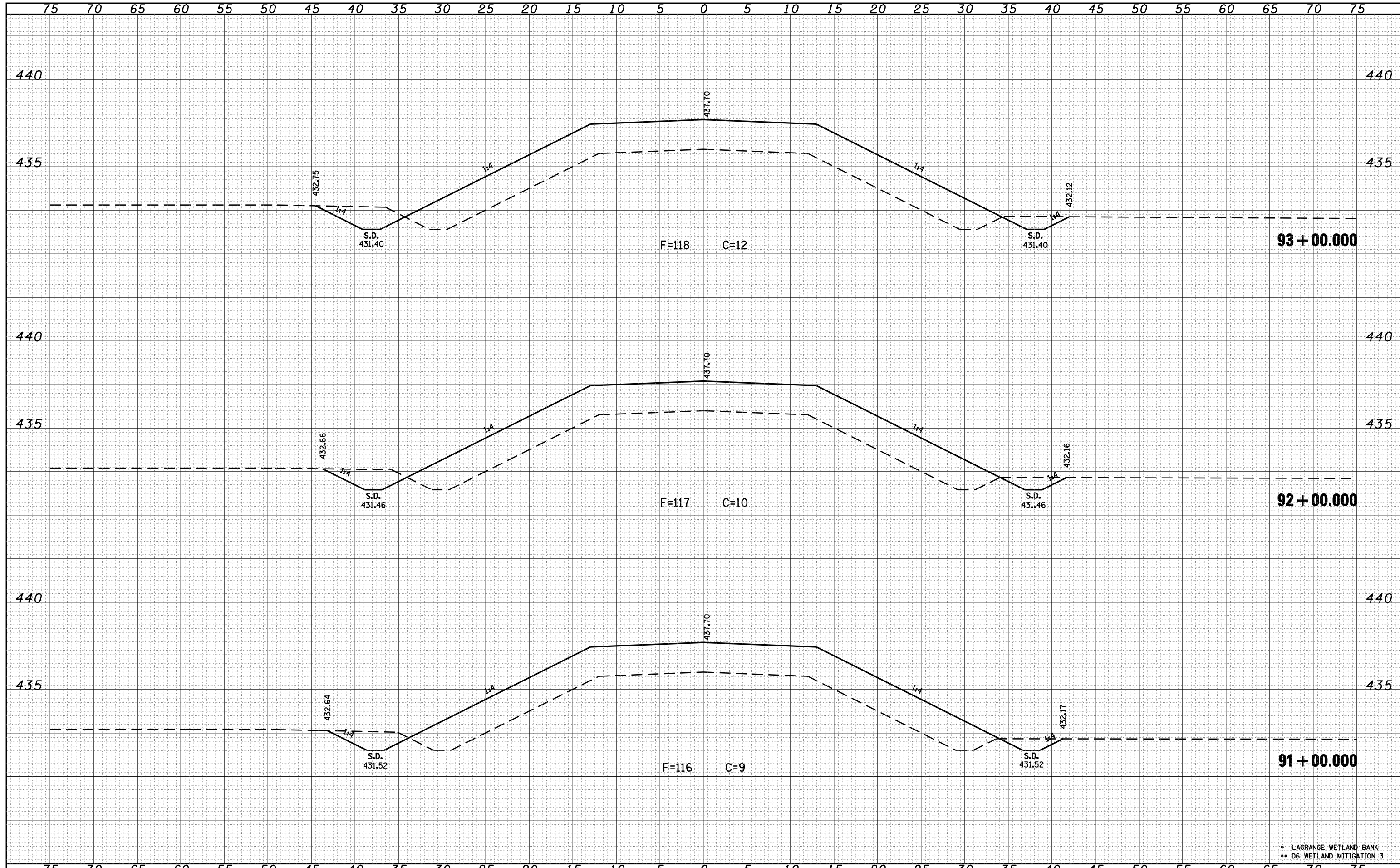


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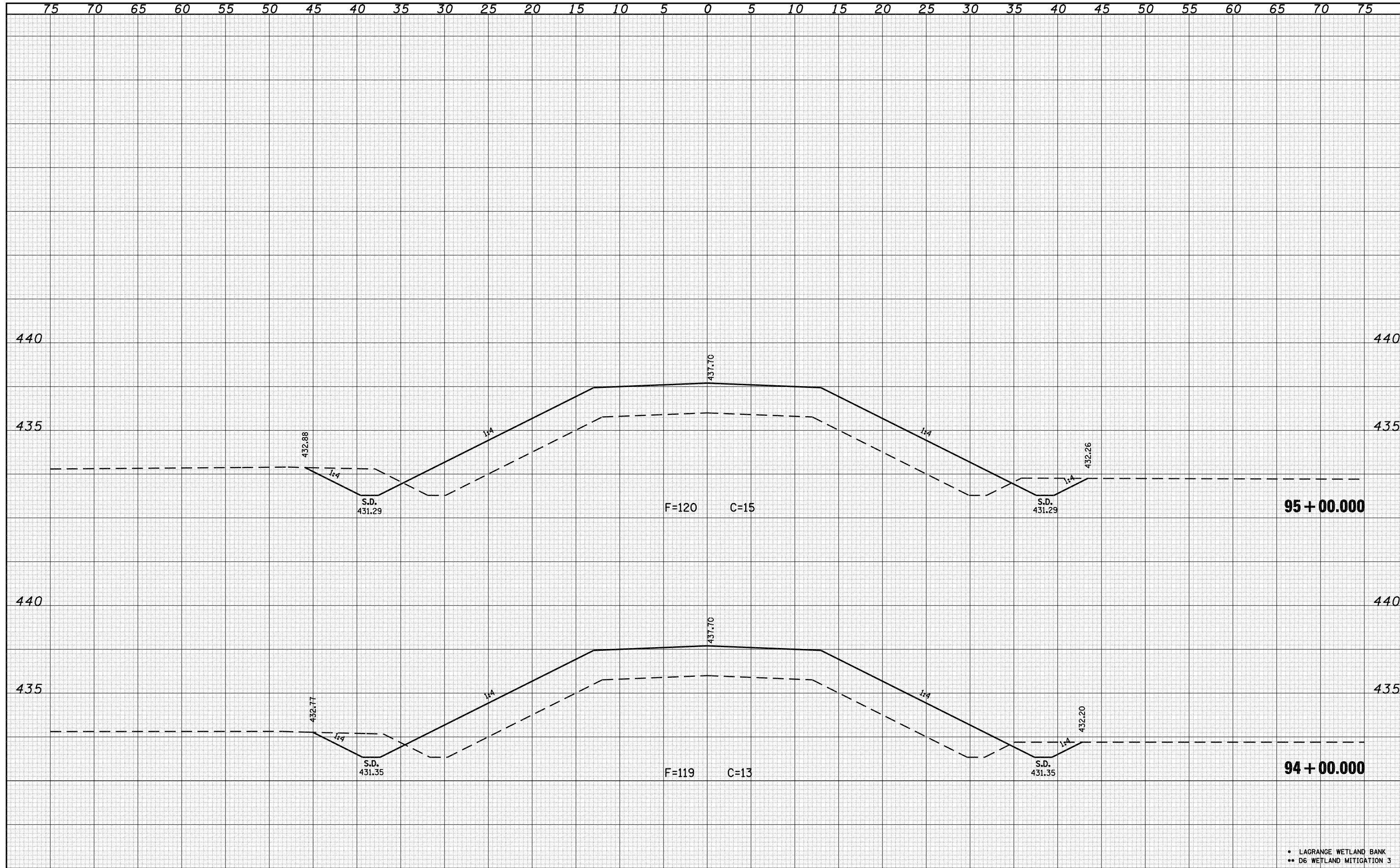
• LAGRANGE WETLAND BANK  
 •• D6 WETLAND MITIGATION 3

FILE NAME = C:\Projects\d650305\contract 03\ase001asheet.dgn	USER NAME = laughlin1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS A001A</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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PLOT DATE = Mar-17-2008 12:09:50PM	DATE -	REVISOR -	REVISOR -								CONTRACT NO. 72968		
											FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		



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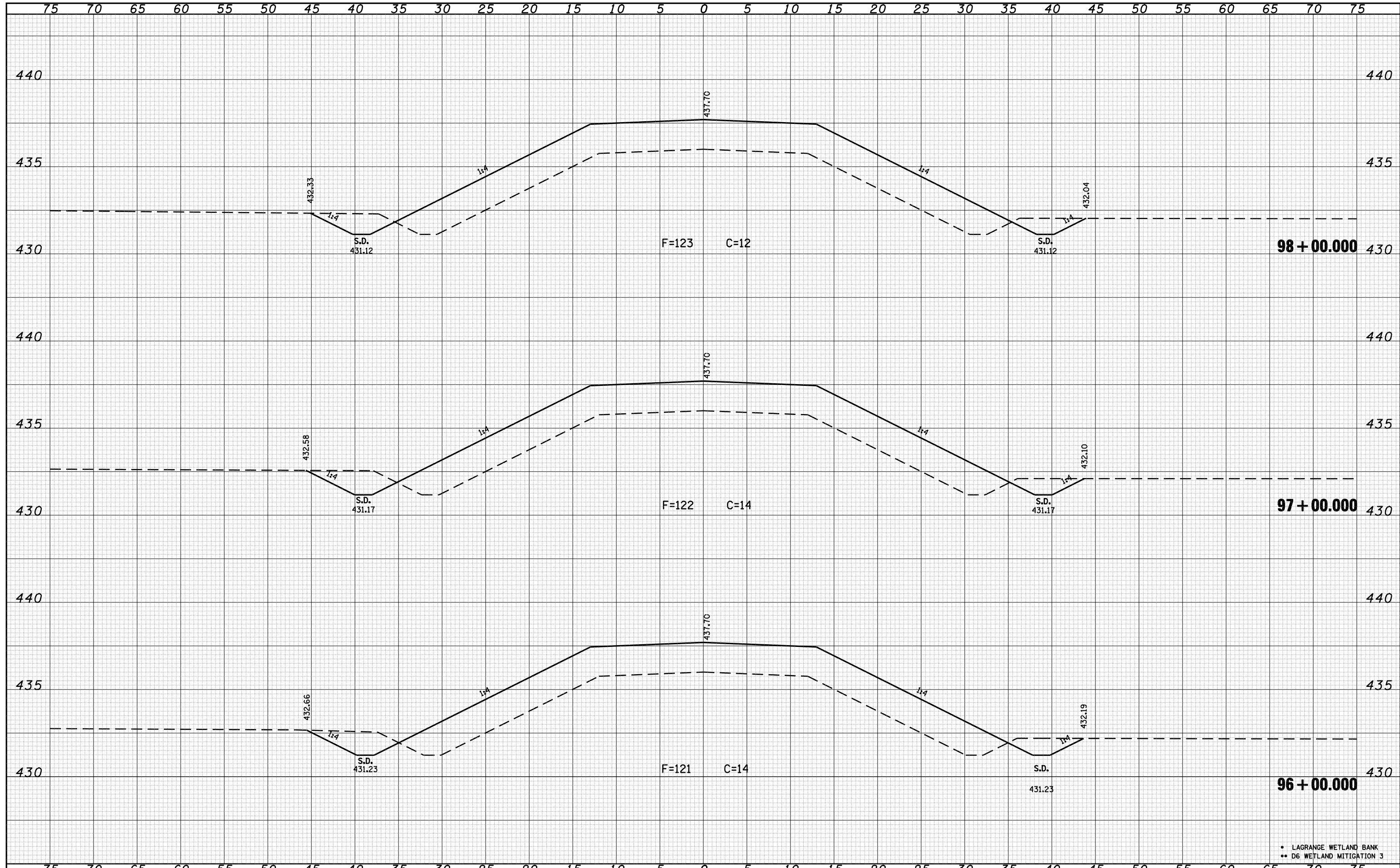


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FILE NAME =	USER NAME = laughlin1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS A001A</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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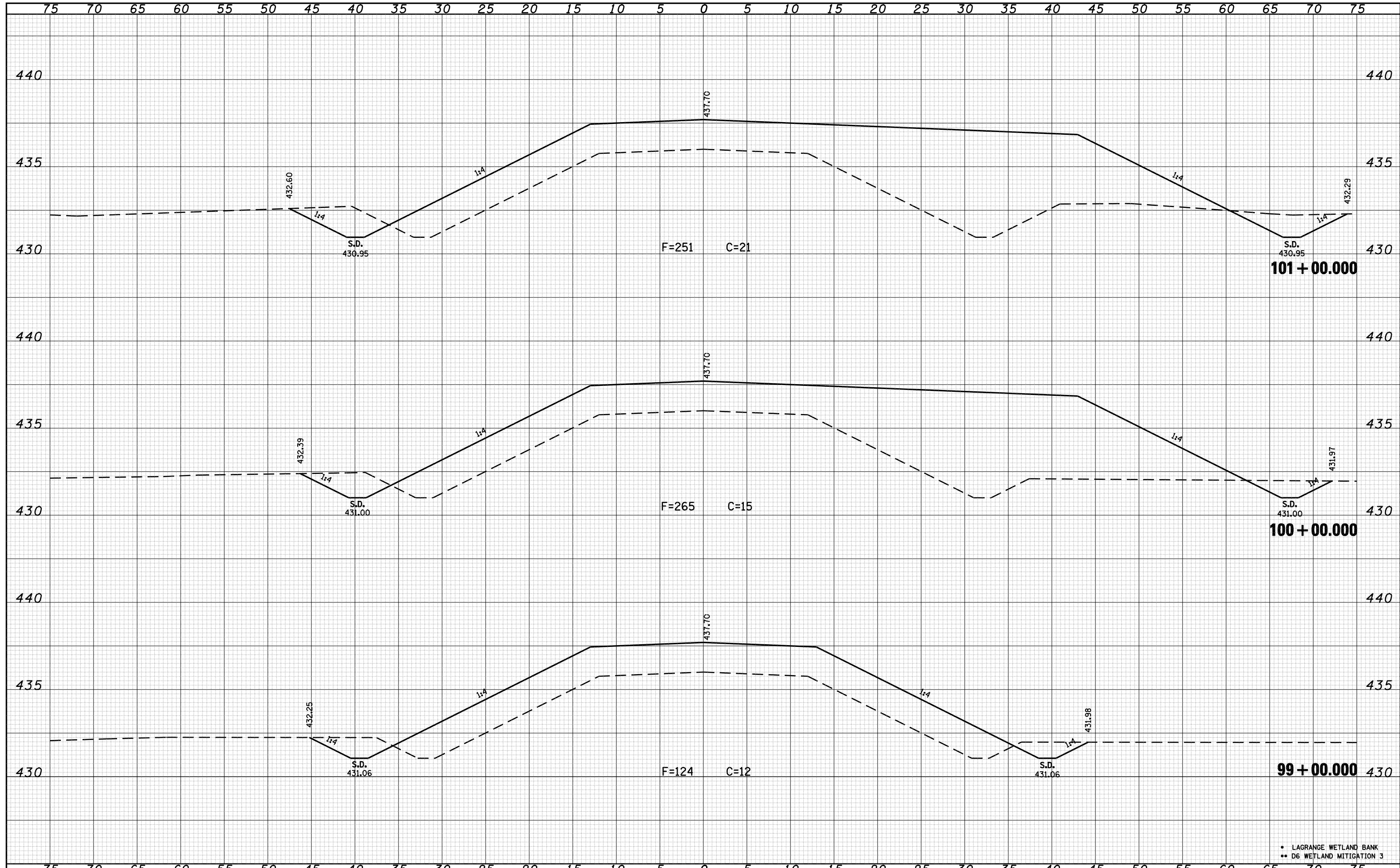


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 \*\* D6 WETLAND MITIGATION 3

FILE NAME = C:\Projects\d650305\contract 03\ase001\sheet.dgn	USER NAME = laughlin1	DESIGNED -	REVISÉ -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS A001A</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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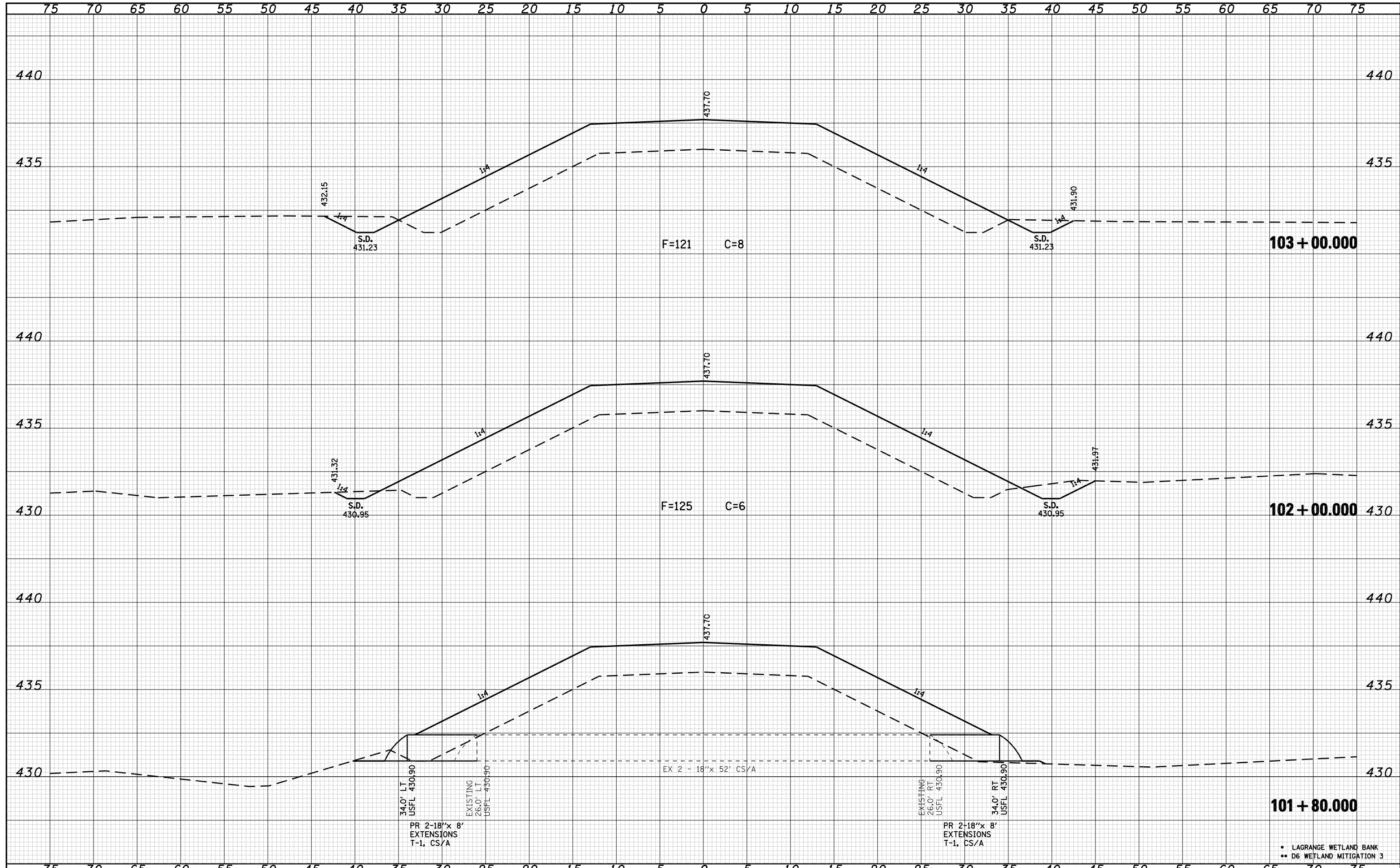


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		DATE -	REVISÉD -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT								

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FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS A001A</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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PLOT SCALE = 10.0000' / IN.		CHECKED - JCN	REVISED -		SCALE:		SHEET NO. OF SHEETS		STA. 101+80.000 TO STA. 103+00.000		FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT
PLOT DATE = Mar-17-2008 12:10:10PM		DATE -	REVISED -									