

04-29-11 LETTING ITEM 021

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROPOSED
HIGHWAY PLANS

F.A.I. ROUTE 80 (INTERSTATE 80)
SECTION 99-5R-I
PROJECT NO.: IM-080-4(193)141
US ROUTE 30 TO US ROUTE 45
NOISE BARRIERS
WILL COUNTY
C-91-410-11

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5R-I	WILL	112	1
ILLINOIS CONTRACT NO. 60N86				

112 + 32 = 144

FOR INDEX OF SHEETS, SEE SHEET NO. 2

TRAFFIC DATA

ADT (2008)

US ROUTE 30 TO I-355 = 80,500

I-355 TO US ROUTE 45 = 80,500

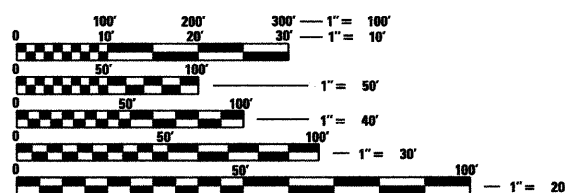
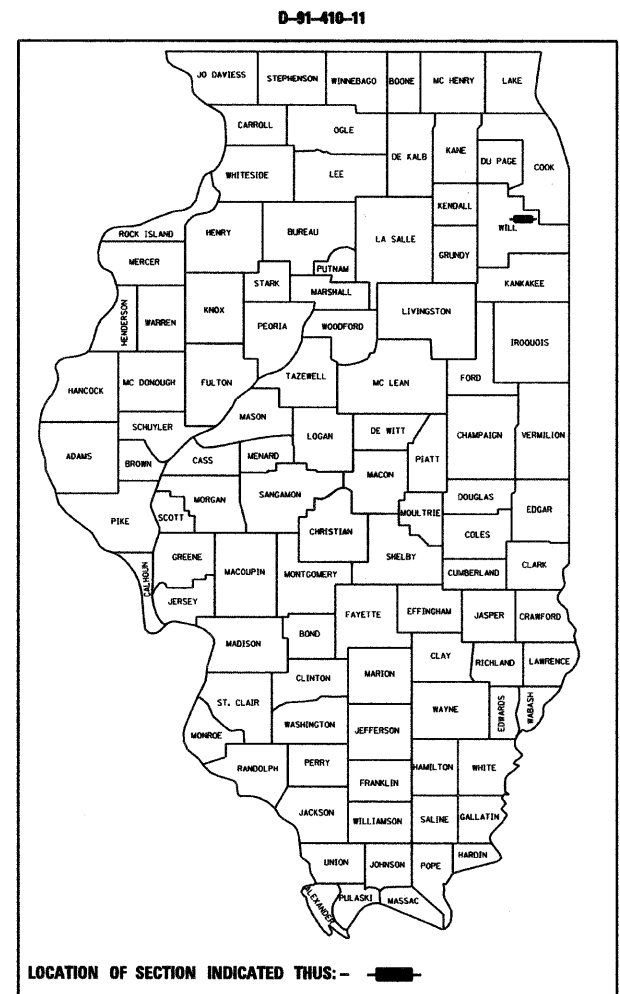
ADT (2030):

US ROUTE 30 TO I-355 = 121,000

I-355 TO US ROUTE 45 = 125,000

POSTED SPEED = 65 mph

PROJECT LOCATED IN THE VILLAGE
OF MOKENA AND FRANKFORT AND
NEW LENOX TOWNSHIPS

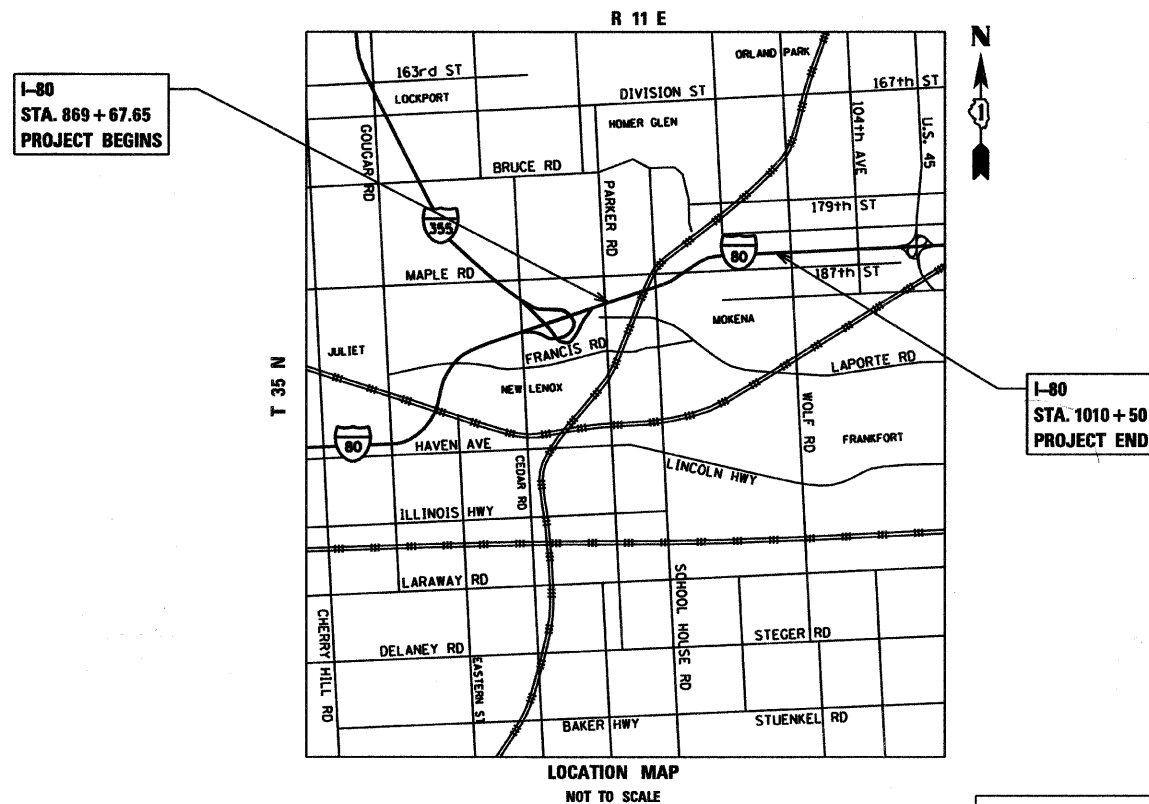
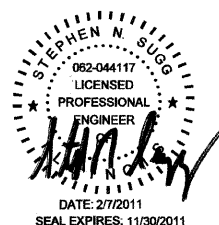


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD
ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT
CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS
ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: SUNG BYUN
PROJECT MANAGER: KIM HARVEY

CONTRACT NO. 60N86



GROSS LENGTH = 14,082 FT. = 2.67 MILE
NET LENGTH = 3,882 FT. = 0.74 MILE

Ciorba Group, Inc.

DESIGN FIRM
REGISTRATION NUMBER

184-001016

CONSULTING ENGINEERS
SUITE 402, 5507 NORTH CUMBERLAND AVE
CHICAGO, ILLINOIS 60656 :: (773) 775-4009

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OF THE STATE OF ILLINOIS

CONSULTANT PROJECT MANAGER - KIM HARVEY, (847) 705-4055, DISTRICT 1

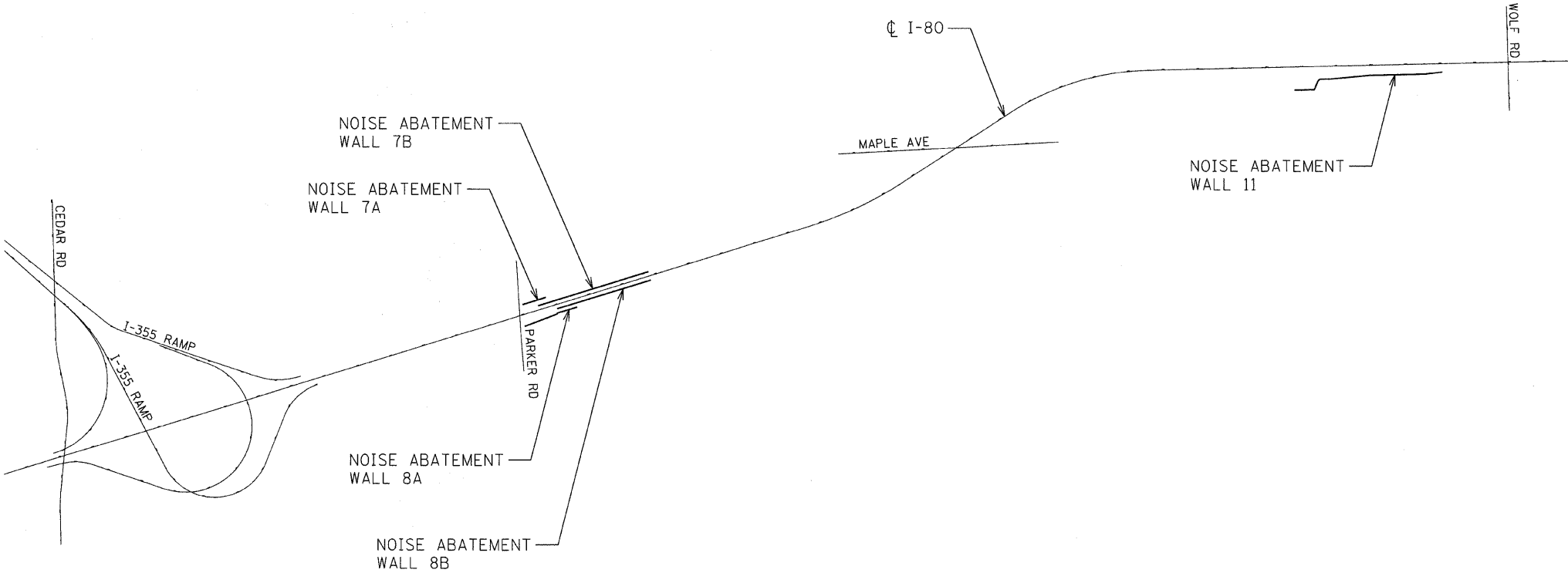
INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS & STATE STANDARDS
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4	SUMMARY OF QUANTITIES
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36 - 37	EROSION CONTROL
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45 - 46	DETAILS
47 - 50	(BM21) REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL
51	(TC17) TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES
52 - 112E	CROSS SECTIONS

LIST OF STATE STANDARDS

STD NO.	DESCRIPTION
000001-06	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001006-05	DECIMAL OF AN INCH AND OF A FOOT
280001-05	TEMPORARY EROSION CONTROL SYSTEMS
420001-07	PAVEMENT JOINTS
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
602001-02	CATCH BASIN TYPE A
602601-02	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
604071-04	FRAME AND GRATE TYPE 20
635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
665001-02	WOVEN WIRE FENCE
701101-02	OFF ROAD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701106-02	OFF ROAD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
701400-05	APPROACH TO LANE CLOSURE FREEWAY / EXPRESSWAY
701406-06	LANE CLOSURE FREEWAY / EXPRESSWAY DAY OPERATIONS ONLY (FOR TCB PLACEMENT)
701901-01	TRAFFIC CONTROL DEVICES
704001-06	TEMPORARY CONCRETE BARRIER

KEY MAP



GENERAL NOTES

1.

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 800-892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, AND GAS FACILITIES. (48 HOUR NOTIFICATION IS REQUIRED)
2.

THE LOCATIONS OF EXISTING UTILITIES, AS SHOWN ON THE DRAWINGS, REPRESENT DATA RECEIVED FROM VARIOUS SOURCES. IT IS NOT GUARANTEED TO BE CORRECT OR ALL INCLUSIVE. THE CONTRACTOR SHALL CONDUCT HIS OWN INVESTIGATIONS INTO THE LOCATION, SIZE, DEPTH AND NATURE OF ANY AND ALL EXISTING UTILITIES WHICH MAY INTERFERE WITH THE WORK UNDER THIS CONTRACT. ANY EXISTING UTILITIES WHICH ARE TO REMAIN IN SERVICE SHALL BE FULLY PROTECTED BY THE CONTRACTOR AND ANY DAMAGE CAUSED BY THE CONSTRUCTION OPERATIONS SHALL BE IMMEDIATELY REPAIRED OR REPLACED UNDER THE UTILITY OWNER'S DIRECTION AND AT NO ADDITIONAL COST TO IDOT.
3.

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH AFFECTED UTILITY COMPANIES AND MUNICIPALITIES.
4.

THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
5.

WHEN ARTIFICIAL LIGHTING IS USED IN NIGHT OPERATIONS THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING RESIDENTIAL AREAS.
6.

ALL FRAMES AND GRATES, PAVEMENT, FENCES, DELINEATORS AND APPURTENANCES DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION WILL BE REPLACED BY THE CONTRACTOR AT HIS EXPENSE.
7.

THE ENGINEER SHALL CONTACT THE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4155 A MINIMUM OF 72 HOURS PRIOR TO THE START OF WORK.
8.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS, ELEVATIONS AND EXISTING FIELD CONDITIONS PRIOR TO BIDDING, ORDERING MATERIALS, OR BEGINNING CONSTRUCTION ON THIS PROJECT, SPECIFICALLY AS THEY RELATE TO LUMP SUM ITEMS.
9.

THE FOLLOWING PAY ITEMS HAVE BEEN PROVIDED FOR FOREST MANAGEMENT. THE ACTUAL NEED FOR THESE PAY ITEMS WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE RESIDENT ENGINEER. IF THESE PAY ITEMS ARE NOT USED OR ARE NOT USED IN THEIR ENTIRETY, THE REMAINING QUANTITY SHALL BE DEDUCTED FROM THE TOTAL AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

• TREE PRUNING (1 TO 10 INCH DIAMETER)

• TREE PRUNING (OVER 10 INCH DIAMETER)

GENERAL NOTES (CONT.)

10.

AT LOCATIONS WHERE THE EXISTING ACCESS CONTROL FENCE IS TO BE REMOVED IN ORDER TO ALLOW CONSTRUCTION OF THE PROPOSED NOISE WALL, TEMPORARY FENCE SHALL BE CONSTRUCTED PRIOR TO THE REMOVAL OF EXISTING ACCESS CONTROL FENCE IN ORDER TO PROVIDE ACCESS CONTROL AT ALL TIMES. THE TEMPORARY FENCE SHALL REMAIN IN PLACE UNTIL THE PROPOSED NOISE WALL IS COMPLETED AND CONNECTED TO THE EXISTING ACCESS CONTROL FENCE. THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT AS TEMPORARY FENCE (SPECIAL).
11.

TOPSOIL AND SEEDING SHOWN ADJACENT TO PROPOSED WALLS IS INTENDED TO REPLACE EXISTING VEGETATION DAMAGED DURING CONSTRUCTION. HOWEVER, EXISTING VEGETATON NOT DAMAGED MAY REMAIN IN PLACE. THIS WORK SHALL MEET WITH THE APPROVAL OF THE ENGINEER.
12.

A PAINT STRIPE SHALL BE APPLIED TO THE FACE OF BARRIER WALL ADJACENT TO ALL DRAINAGE STRUCTURES. THE STRIPE SHALL BE 4 INCHES WIDE BY 12 INCHES LONG, AND EXTEND VERTICALLY AT 90 DEGREES FROM THE TOP EDGE OF THE BARRIER. THE PAINT SHALL BE ORANGE IN COLOR. THE COST OF THE STRIPE IS INCLUDED IN THE COST OF THE CONCRETE BARRIER OF THE TYPE AND SIZE SPECIFIED.
13.

ALL PAVEMENT PATCHING SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD AS CLASS B PATCHES, TYPE II, 12 INCH, OF THE TYPE AS MEASURED IN THE FIELD.
14.

END PANELS FOR EACH INDIVIDUAL NOISE WALL SHOULD HAVE PROPER END TREATEMENT THAT IS AN APPROPRIATE TERMINUS FOR THE WALL AND IS AESTHETICALLY PLEASING, SUBJECT TO THE APPROVAL OF THE ENGINEER. THE TOP OF EACH INDIVIDUAL WALL SHOULD HAVE A SMOOTH CONCRETE 1-FOOT COPING.
15.

THE SINGLE-FACE BARRIER ON WHICH THE RETAINING WALL IS MOUNTED SHALL NOT BE SLIP-FORMED.

DRAINAGE NOTES

1.

THE STATION AND OFFSET OF THE DRAINAGE STRUCTURES ADJACENT TO CONCRETE BARRIER ARE TO THE EDGE OF THE FRAME ADJACENT TO THE CONCRETE BARRIER. THE STATION AND OFFSET OF ALL OTHER DRAINAGE STRUCTURES ARE TO THE CENTER OF THE STRUCTURE.
2.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN DRAINAGE FLOWS AT ALL TIMES DURING THE PERFORMANCE OF THE WORK. METHODS USED BY THE CONTRACTOR SHALL BE SUBJECT TO APPROVAL OF THE ENGINEER. THE COST OF MAINTAINING DRAINAGE FLOWS SHALL BE INCLUDED IN THE COST OF THE CONTRACT.
3.

WHERE REQUIRED BY RESTRICTIVE DEPTHS, PRECAST REINFORCED CONCRETE FLAT SLAB TOPS SHALL BE USED FOR MANHOLES AND CATCH BASINS.

COMMITMENTS

1.

NONE

ENGINEERING CONSULTANT		USER NAME = jk.jellman	DESIGNED - CRC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. 80 NOISE ABATEMENT WALLS GENERAL NOTES AND DRAINAGE NOTES					F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
 Clorba Group, Inc. CONSULTING ENGINEERS 5507 North Cumberland Avenue, Suite 402 Chicago, Illinois 60630 Tel: 773.775.4200 Fax: 773.775.4014 Email: clorba@clorba.com	PLOT SCALE = 1.0000 ' / IN.		DRAWN - JMK	REVISED -		80	99-5R-1	WILL	112	3					
	PLOT DATE = 3/24/2011		CHECKED - SNS	REVISED -		CONTRACT NO. 60N86									
			DATE - 1/7/2011	REVISED -		ILLINOIS FED. AID PROJECT									
						SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.				

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N:\PROJECTS\3384\5-Noise Walls\Design\Main\Sheets\3384NW-50081.dgn

URBAN 90% FEB/10/STATE					
ITEM #	DESCRIPTION	UNIT	TOTAL	ROADWAY 0040	STRUCTURAL 0040
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	780	780	
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	170	170	
20101100	TREE TRUNK PROTECTION	EACH	5	5	
20101200	TREE ROOT PRUNING	EACH	8	8	
20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	5	5	
20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	5	5	
20200100	EARTH EXCAVATION	CU YD	370	370	
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	930	930	
20800150	TRENCH BACKFILL	CU YD	43	43	
* 21101625	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	4,240	4,240	
* 21101815	COMPOST FURNISH AND PLACE, 4"	SQ YD	1,130	1,130	
* 25000210	SEEDING, CLASS 2A	ACRE	0.9	0.9	
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	85	85	
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	85	85	
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	85	85	
* 25100115	MULCH, METHOD 2	ACRE	6.0	6.0	
* 25100630	EROSION CONTROL BLANKET	SQ YD	4,565	4,565	
28000305	TEMPORARY DITCH CHECKS	FOOT	920	920	
28000400	PERIMETER EROSION BARRIER	FOOT	3,070	3,070	
28000500	INLET AND PIPE PROTECTION	EACH	1	1	
28000510	INLET FILTERS	EACH	17	17	
28100105	STONE RIPRAP, CLASS A3	SQ YD	55	55	
28200200	FILTER FABRIC	SQ YD	55	55	
42001300	PROTECTIVE COAT	SQ YD	20	20	
44200994	CLASS B PATCHES, TYPE II, 12 INCH	SQ YD	104	104	
44201299	DOWEL BARS 1 1/2"	EACH	45	45	
44213200	SAW CUTS	FOOT	580	580	
542A1057	PIPE CULVERTS, CLASS A, TYPE 2 12"	FOOT	744	744	
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	13	13	
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	15	15	
60201310	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 20 FRAME AND GRATE	EACH	14	14	

*SPECIALTY ITEMS

URBAN 90% FEB/10/STATE					
ITEM #	DESCRIPTION	UNIT	TOTAL	ROADWAY 0040	STRUCTURAL 0040
* 63100070	TRAFFIC BARRIER TERMINAL, TYPE 5	EACH	1	1	
* 63100089	TRAFFIC BARRIER TERMINAL, TYPE 6B	EACH	2	2	
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	1	1	
63200310	GUARDRAIL REMOVAL	FOOT	1,980	1,980	
63700155	CONCRETE BARRIER, SINGLE FACE, 32 INCH HEIGHT	FOOT	60	60	
63700900	CONCRETE BARRIER BASE	FOOT	60	60	
66500105	WOVEN WIRE FENCE, 4'	FOOT	180	180	
67100100	MOBILIZATION	L SUM	1	1	
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	3,809	3,809	
70400100	TEMPORARY CONCRETE BARRIER	FOOT	3,680	3,680	
* 78200410	GUARDRAIL MARKERS, TYPE A	EACH	4	4	
* A2002016	TREE, AESCULUS GLABRA (OHIO BUCKEYE), 2" CALIPER,	EACH	50	50	
* 78200530	BARRIER WALL MARKERS, TYPE C	EACH	33	33	
* A2002920	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2 1/2"	EACH	50	50	
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	1	1	
* A2006516	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2" CALIPER,	EACH	50	50	
* E2020061	VINE-PARTHENOCISSUS QUINQUEFOLIA (VIRGINIA CREEPER), 1-GALLON POT	EACH	2,860	2,860	
* A2006616	TREE, QUERCUS IMBRICARIA (SHINGLE OAK), 2" CALIPER,	EACH	50	50	
* K0029634	WEED CONTROL, PRE-EMERGENT GRANULAR HERBICIDE	POUND	75	75	
* C2C05225	SHRUB, PRUNUS VIRGINIANA (COMMON CHoke CHERRY),	EACH	50	50	
* K0036120	MULCH PLACEMENT 4" 3' HEIGHT, CONTAINER	SQ YD	1,550	1,550	
* C2C05924	SHRUB, RHUS GLABRA (SMOOTH SUMAC), 2' HEIGHT,	EACH	100	100	
* K1005418	TEMPORARY SEEDING	ACRE	15	15	
* D2002272	EVERGREEN, PICEA PUNGENS GLAUCA (COLORADO BLUE SPRUCE), 6' HEIGHT BALLED AND BURLAPPED	EACH	50	50	
X0301423	NOISE ABATEMENT WALL, GROUND MOUNTED	SQ FT	50,750		50,750
X0324013	NOISE ABATEMENT WALL, STRUCTURE MOUNTED	SQ FT	35,320		35,320
X0322917	PROPOSED STORM SEWER CONNECTION TO EXISTING MANHOLE	EACH	1	1	
X0326401	BARRIER WALL REMOVAL	FOOT	60	60	
X2011000	TEMPORARY FENCE (SPECIAL)	FOOT	3,160	3,160	
* X2501800	SEEDING, CLASS 4 (MODIFIED)	ACRE	6.4	6.4	
X6350120	DELINEATOR REMOVAL	EACH	6	6	
X6700410	ENGINEER'S FIELD OFFICE, TYPE A (SPECIAL)	CAL MO	8	8	
X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1	1	
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1	
Z0022800	FENCE REMOVAL	FOOT	3,300	3,300	
Z0030250	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3	EACH	2	2	
Z0076600	TRAINEES	— HOUR —			
X0327209	BARRIER SUPPORT STRUCTURE FOR NOISE ABATEMENT WALL	FOOT	3,080		3,080

Rev.



USER NAME = cccornwell	DESIGNED - CRC	REVISED -
PLOT SCALE = 1:8000 ' / ' IN.	DRAWN - JMK	REVISED -
PLOT DATE = 2/15/2011	CHECKED - SNS	REVISED -
	DATE - 1/7/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 NOISE ABATEMENT WALLS
SUMMARY OF QUANTITIES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5R-1	WILL	112	4
CONTRACT NO. 60N86				
ILLINOIS FED. AID PROJECT				

\\VPR01\3384\5 Noise Walls\Design\Noise Sheets\3384NW-sched01.dgn

TREE REMOVAL (6 TO 15 UNIT DIAMETER) (20100110)		
LOCATION		UNIT
STATION	L/R	
NOISE ABATEMENT WALL 7A		
870+50	L	8
870+63	L	8
870+63	L	8
870+88	L	6
871+06	L	6
871+20	L	8
871+20	L	10
871+20	L	8
871+20	L	8
871+37	L	8
871+46	L	6
871+46	L	6
871+46	L	6
871+44	L	6
871+46	L	6
871+49	L	6
871+64	L	10
871+70	L	6
871+80	L	6
871+82	L	12
872+06	L	10
872+25	L	8
872+44	L	8
872+47	L	8
872+58	L	8
872+67	L	6
872+73	L	8
872+78	L	8
872+89	L	8
873+07	L	6
873+21	L	8
873+95	L	12
873+95	L	14
873+97	L	6
874+11	L	12
874+16	L	6
NOISE ABATEMENT WALL 8A		
869+74	R	8
869+97	R	8
869+97	R	12
870+30	R	10
871+97	R	10
872+20	R	6
872+27	R	6
872+31	R	6
872+47	R	6
872+57	R	6
872+68	R	8
872+68	R	8
874+19	R	12
874+97	R	14
876+65	R	12
876+66	R	8
876+70	R	8
876+96	R	8
877+00	R	10
877+95	R	12

TREE REMOVAL (6 TO 15 UNIT DIAMETER) (20100110)		
LOCATION		UNIT
STATION	L/R	
NOISE ABATEMENT WALL 11		
993+48	R	6
993+73	R	6
994+70	R	8
994+70	R	10
995+22	R	8
995+71	R	8
996+21	R	6
996+70	R	6
997+21	R	6
997+67	R	6
998+19	R	8
998+69	R	10
999+21	R	8
999+72	R	10
1000+21	R	6
1000+70	R	6
1001+22	R	8
1001+72	R	6
1002+19	R	10
1002+71	R	10
1003+21	R	8
1003+72	R	8
1004+22	R	8
1004+72	R	8
1005+26	R	8
1005+73	R	8
1007+32	R	14
1007+57	R	10
1007+88	R	14
1008+58	R	6
1008+67	R	8
1008+67	R	8
1008+83	R	6
1008+89	R	14
1008+89	R	14
1009+67	R	6
1009+69	R	8
1010+51	R	6
TOTAL		776

TREE REMOVAL (OVER 15 UNITS DIAMETER) (20100210)		
LOCATION		UNIT
STATION	L/R	
NOISE ABATEMENT WALL 8A		
870+10	R	20
870+80	R	20
872+38	R	16
874+96	R	20
878+04	R	18
NOISE ABATEMENT WALL 11		
1009+24	R	16
1009+27	R	16
1010+00	R	22
1010+33	R	18
TOTAL		166

CLASS B PATCHES, TYPE 11, 12 INCH (44200994)					
LOCATION			FOOT	WIDTH	SQ YD
STATION	STATION	LT/RT			
873+45	873+55	LT	10.0	6.0	6.7
875+95	876+05	LT	10.0	6.0	6.7
878+45	878+55	LT	10.0	6.0	6.7
880+95	881+05	LT	10.0	6.0	6.7
883+45	883+55	LT	10.0	6.0	6.7
885+95	886+05	LT	10.0	6.0	6.7
877+65	877+75	RT	10.0	6.0	6.7
880+15	880+25	RT	10.0	6.0	6.7
882+65	882+75	RT	10.0	6.0	6.7
885+15	885+25	RT	10.0	6.0	6.7
887+35	887+45	RT	10.0	6.0	6.7
889+20	889+30	RT	10.0	6.0	6.7
887+55	887+65	LT	10.0	6.0	6.7
889+20	889+45	LT	25.0	6.0	16.7
TOTAL					104

PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12" (54213657)				
STR. NO.	STATION	LOCATION	INVERT	EACH
100-FES	873+50	73.7' LT	698.33	1
101-FES	876+00	73.5' LT	695.86	1
102-FES	878+50	83.3' LT	690.51	1
103-FES	881+00	93.9' LT	682.89	1
104-FES	883+50	111.7' LT	667.92	1
105-FES	886+00	121.4' LT	657.49	1
106-FES	877+70	94.2' RT	688.19	1
107-FES	880+20	114.2' RT	678.66	1
108-FES	882+70	110.8' RT	670.49	1
109-FES	885+20	117.6' RT	662.37	1
110-FES	887+40	132.0' RT	653.66	1
111-FES	889+25	132.0' RT	652.25	1
112-FES	887+60	131.8' LT	651.86	1
TOTAL				13

PIPE CULVERTS, CLASS A, TYPE 2, 12" (542A1057)						
PIPE NO.	UPSTREAM STR. NO.	DOWNSTREAM STR. NO.	LENGTH (FT)	TBF (CY)		
100	100	- CB	100	- FES	13	1
101	101	- CB	101	- FES	12	1
102	102	- CB	102	- FES	22	3
103	103	- CB	103	- FES	36	1
104	104	- CB	104	- FES	66	2
105	105	- CB	105	- FES	80	5
106	106	- CB	106	- FES	35	2
107	107	- CB	107	- FES	60	2
108	108	- CB	108	- FES	63	4
109	109	- CB	109	- FES	74	4
110	110	- CB	110	- FES	94	4
111	111	- CB	111	- FES	94	4
112	111	- CB	112	- FES	95	4

STORM SEWERS, CLASS A, TYPE 2, 12" (550A0340)					
PIPE NO.	UPSTREAM STR. NO.		DOWNSTREAM STR. NO.	LENGTH (FT)	TBF (CY)
113	113	- CB	EXISTING MANHOLE	15	6

CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 20 FRAME AND GRATE (60201310)						
STRUCTURE NO.	STATION	OFFSET	FLOWLINE ELEV.	INVERT (N)	INVERT (S)	INVERT (E)
100	-	CB	873+50	61.5' LT	701.46	698.59
101	-	CB	876+00	61.5' LT	698.90	696.10
102	-	CB	878+50	61.5' LT	696.08	690.95
103	-	CB	881+00	61.5' LT	693.28	688.53
104	-	CB	883+50	61.5' LT	690.35	685.60
105	-	CB	886+00	61.5' LT	687.63	680.38
106	-	CB	877+70	61.5' RT	696.84	692.09
107	-	CB	880+20	61.5' RT	694.05	689.30
108	-	CB	882+70	61.5' RT	691.24	685.73
109	-	CB	885+20	61.5' RT	688.56	682.70
110	-	CB	887+40	61.5' RT	686.54	680.82
111	-	CB	889+25	61.5' RT	685.52	679.72
112	-	CB	887+60	61.5' LT	686.34	680.23
113	-	CB	889+25	61.5' LT	685.53	680.15

TRAFFIC BARRIER TERMINAL, TYPE 5 (63100070)		
LOCATION		EACH
STATION	L/R	
887+56	R	1
TOTAL		1

TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT (63100167)		
LOCATION		EACH
STATION	L/R	
874+57	R	1
TOTAL		1

TRAFFIC BARRIER TERMINAL, TYPE 6B (63100089)		
LOCATION		EACH
STATION	L/R	
875+07	R	1
886+30	L	1
TOTAL		2

CONCRETE BARRIER, SINGLE FACE, 32 INCH HEIGHT (63700155)			
LOCATION			FOOT
STATION	STATION	L/R	
872+14	872+70	L	56
TOTAL			56

PROPOSED STORM SEWER CONNECTION TO EXISTING MANHOLE (X0322917)		
STATION	LOCATION	EACH
889+40	59.0' LT	1

NOTE:

SCHEDULES DO NOT INCLUDE ROUNDING THAT IS SHOWN IN THE SUMMARY OF QUANTITIES

c:\pco\3384\5_noise_walls\design\misc_dhwa\3384NW-sched02.dgn

NOISE ABATEMENT WALL, GROUND MOUNTED (X0301423)		
STATION	LENGTH (FT)	SO FT
NOISE WALL 7A		
870+60		
871+00	40.0	513
872+00	100.0	1297
873+00	100.0	1316
874+00	100.0	1335
874+10	10.0	135
WALL TOTAL		4596
NOISE WALL 8A		
870+00		
871+00	100.2	1223
872+00	100.2	1374
873+00	100.2	1408
874+00	100.2	1324
874+97	97.6	1382
875+00	4.0	63
875+06	9.0	142
876+00	94.4	1626
877+00	100.0	1942
878+00	100.0	2158
WALL TOTAL		12641
NOISE WALL 11		
989+10		
989+50	40.0	502
990+00	50.0	743
991+00	100.0	1671
991+97	97.4	1876
992+00	6.4	131
992+50	124.6	2161
992+80	42.4	602
993+00	20.0	271
994+00	100.0	1227
994+40	39.8	461
995+00	60.3	738
996+00	100.3	1441
997+00	100.3	1745
998+00	100.3	1901
999+00	100.3	1778
1000+00	100.3	1566
1001+00	100.0	1395
1002+00	100.0	1365
1003+00	100.0	1470
1004+00	100.0	1533
1005+00	100.0	1506
1006+00	100.0	1436
1007+00	100.0	1496
1008+00	100.0	1492
1009+00	100.5	1271
1010+00	100.5	1178
1010+10	10.0	122
1010+50	100.5	419
WALL TOTAL		33497
TOTAL		50733

NOISE ABATEMENT WALL, STRUCTURE MOUNTED (X0324013)		
STATION	LENGTH (FT)	SO FT
NOISE WALL 7B		
872+70		
873+00	29.6	379
873+10	10.0	150
874+00	90.0	1377
875+00	100.0	1475
876+00	100.0	1417
877+00	100.0	1359
878+00	100.0	1301
879+00	100.0	1243
880+00	100.0	1185
881+00	100.0	1127
882+00	100.0	1097
883+00	100.0	1093
884+00	100.0	1090
885+00	100.0	1086
886+00	100.0	1090
887+00	100.0	1093
888+00	100.0	1078
888+75	75.0	808
889+00	25.0	242
889+32	35.0	238
WALL TOTAL		19928
NOISE WALL 8B		
875+20		
875+80	80.0	464
876+00	20.0	222
877+00	100.0	1115
878+00	100.0	1127
879+00	100.0	1139
880+00	100.0	1151
881+00	100.0	1112
882+00	100.0	1074
883+00	100.0	1086
884+00	100.0	1098
885+00	100.0	1109
886+00	100.0	1117
887+00	100.0	1111
888+00	100.0	1089
888+95	95.0	1020
889+00	5.0	53
889+35	35.0	301
WALL TOTAL		15388
TOTAL		35316

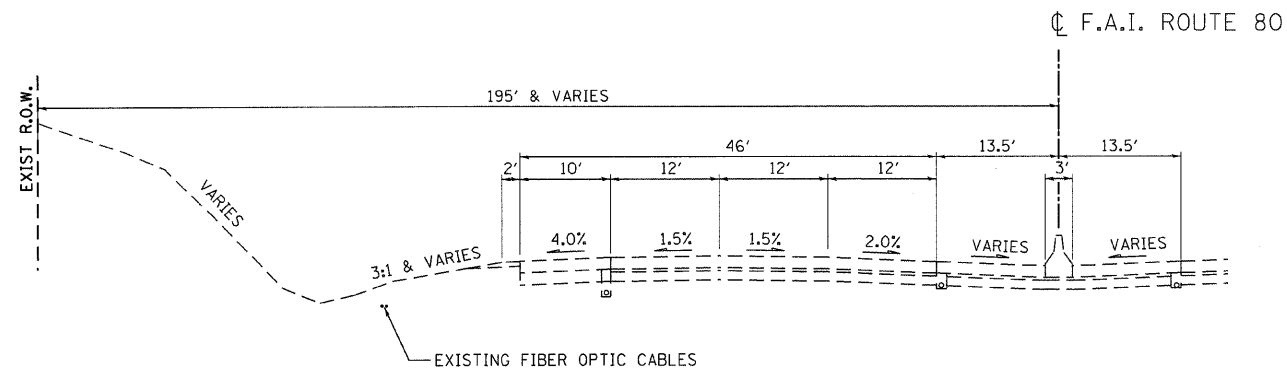
FENCE REMOVAL (20022800)			
LOCATION			FOOT
STATION	STATION	NW	
NW 7A	873+10	874+40	130
NW 8A	869+63	869+63	29
NW 8A	869+63	878+30	867
NW 11	989+20	991+96	276
NW 11	991+96	993+24	225
NW 11	993+24	1010+95	1771
TOTAL			3298

BARRIER SUPPORT STRUCTURE FOR NOISE ABATEMENT WALL		
STATION	STATION	LENGTH (FT)
NOISE WALL 7B		
872+70	889+35	1665
NOISE WALL 8B		
875+20	889+35	1415
TOTAL		3080

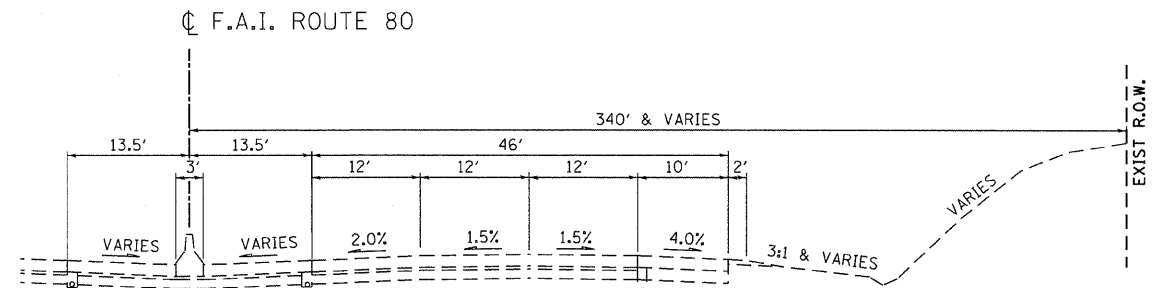
STATION			WALLS 7A AND 7B				
			20200100		20201200		
			EARTH EXCAVATION	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
NORTH SIDE OF I-80			(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
870+60.00	TO	871+00.00	4.5	3.8	10.1	0.0	3.8
871+00.00	TO	871+50.00	14.6	12.4	15.8	0.0	12.4
871+50.00	TO	872+00.00	16.6	14.1	16.7	0.0	14.1
872+00.00	TO	872+50.00	12.2	10.4	14.3	0.0	10.4
872+50.00	TO	873+00.00	9.4	7.9	15.8	0.0	7.9
873+00.00	TO	874+00.00	14.6	12.4	36.1	0.0	12.4
874+00.00	TO	874+50.00	6.6	5.6	16.5	0.0	5.6
874+50.00	TO	875+00.00	5.2	4.4	10.5	0.0	4.4
875+00.00	TO	875+50.00	4.0	3.4	5.6	0.0	3.4
875+50.00	TO	876+50.00	8.6	7.3	12.5	0.0	7.3
876+50.00	TO	877+00.00	4.5	3.8	6.7	0.0	3.8
877+00.00	TO	877+50.00	4.4	3.7	6.8	0.0	3.7
877+50.00	TO	878+00.00	4.3	3.6	6.6	0.0	3.6
878+00.00	TO	879+00.00	8.7	7.4	13.5	0.0	7.4
879+00.00	TO	879+50.00	4.4	3.7	6.9	0.0	3.7
879+50.00	TO	880+00.00	4.3	3.6	6.9	0.0	3.6
880+00.00	TO	880+50.00	4.4	3.7	6.7	0.0	3.7
880+50.00	TO	881+50.00	8.5	7.2	13.1	0.0	7.2
881+50.00	TO	882+00.00	4.1	3.5	6.1	0.0	3.5
882+00.00	TO	882+50.00	4.2	3.5	6.1	0.0	3.5
882+50.00	TO	883+00.00	4.3	3.6	6.8	0.0	3.6
883+00.00	TO	884+00.00	8.3	7.1	13.1	0.0	7.1
884+00.00	TO	884+50.00	4.1	3.5	6.2	0.0	3.5
884+50.00	TO	885+00.00	4.1	3.5	6.6	0.0	3.5
885+00.00	TO	885+50.00	4.1	3.5	7.1	0.0	3.5
885+50.00	TO	886+10.00	4.9	4.2	8.7	0.0	4.2
886+10.00	TO	886+50.00	3.3	2.8	5.8	0.0	2.8
886+50.00	TO	887+00.00	4.1	3.5	7.2	0.0	3.5
887+00.00	TO	887+50.00	4.1	3.5	7.2	0.0	3.5
887+50.00	TO	888+00.00	4.1	3.5	7.2	0.0	3.5
888+00.00	TO	888+50.00	4.1	3.5	7.2	0.0	3.5
888+50.00	TO	889+00.00	4.1	3.5	7.2	0.0	3.5
889+00.00	TO	889+35.00	2.9	2.4	5.1	0.0	2.4
TOTALS			204	173	329	0	173

NOTE:
SCHEDULES DO NOT INCLUDE ROUNDING THAT IS SHOWN IN THE SUMMARY OF QUANTITIES

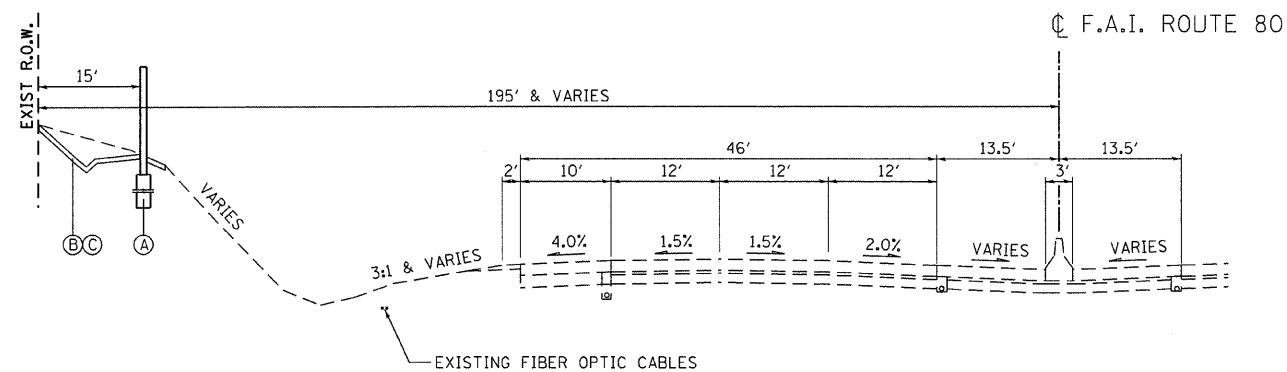
	ENGINEERING CONSULTANT		USER NAME = jkjemman		DESIGNED - CRC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. 80 NOISE ABATEMENT WALLS SCHEDULES				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1:8000 ' / IN.		PLOT DATE = 3/24/2011		DRAWN - JMK	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.				80	99-SR-1	WILL	112	6
					CHECKED - SNS	REVISED -						CONTRACT NO. 60N86				
					DATE - 1/7/2011	REVISED -						ILLINOIS FED. AID PROJECT				



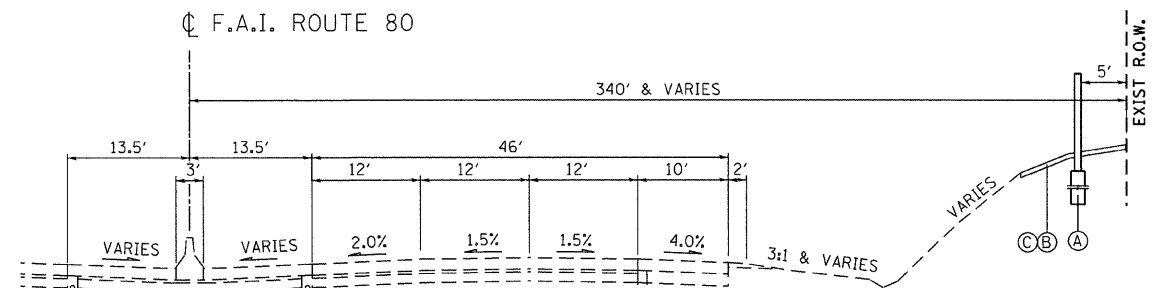
WESTBOUND LANES
EXISTING TYPICAL SECTION
F.A.I. ROUTE 80
STA. 870+60 TO STA. 874+10
(LOOKING EAST)



EASTBOUND LANES
EXISTING TYPICAL SECTION
F.A.I. ROUTE 80
STA. 870+00 TO STA. 878+00
STA. 989+10 TO 1010+50
(LOOKING EAST)



WESTBOUND LANES
PROPOSED TYPICAL SECTION
F.A.I. ROUTE 80
STA. 870+60 TO STA. 874+10
(LOOKING EAST)



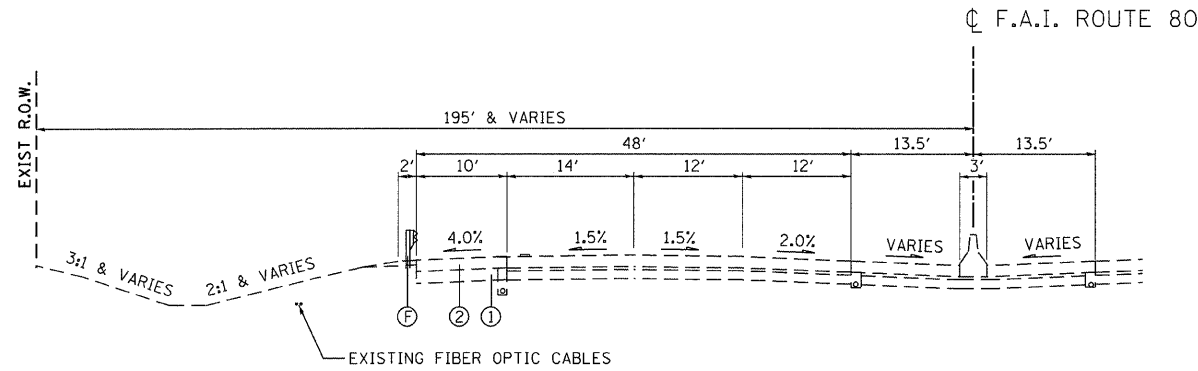
EASTBOUND LANES
PROPOSED TYPICAL SECTION
F.A.I. ROUTE 80
STA. 870+00 TO STA. 878+00
STA. 989+10 TO 1010+50
(LOOKING EAST)

PROPOSED LEGEND

- (A) NOISE ABATEMENT WALL, GROUND MOUNTED (X0301423)
- (B) TOPSOIL FURNISH AND PLACE, 6" (21101625)
- (C) EARTH EXCAVATION (20200100), EROSION CONTROL BLANKET (25100630), SEEDING, CLASS 2A (25000210)
- (D) NOISE ABATEMENT WALL, STRUCTURE MOUNTED (X0324013)
- (E) BARRIER SUPPORT STRUCTURE FOR NOISE WALL
- (F) GUARDRAIL REMOVAL (63200310)

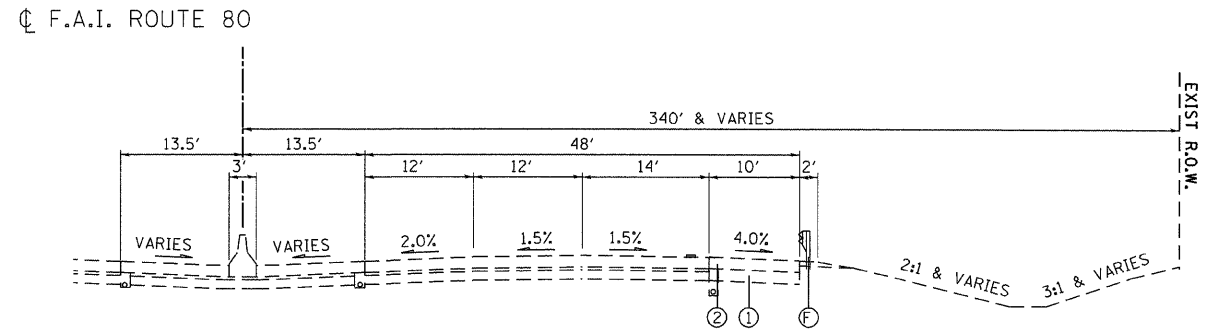
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Ciorba Group, Inc. CONSULTING ENGINEERS 5007 North Cumberland Avenue, Suite 402 Chicago, Illinois 60630 Tel: 773.775.4000 Fax: 773.775.4014 Email: chicago@ciorba.com	ENGINEERING CONSULTANT	USER NAME = jk.jellman	DESIGNED - CRC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. 80 NOISE ABATEMENT WALLS				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 10.00' / 1" IN.		DRAWN - JMK	REVISED -		TYPICAL SECTIONS				80	99-5R-1	WILL	112	8
	PLOT DATE = 3/24/2011		CHECKED - SNS	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.				CONTRACT NO. 60N86				
			DATE - 1/7/2011	REVISED -						ILLINOIS FED. AID PROJECT				



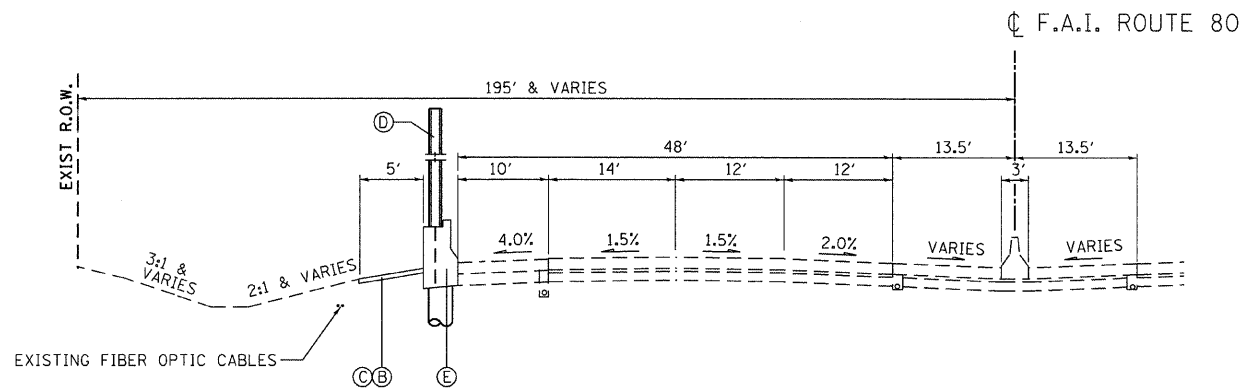
WESTBOUND LANES
EXISTING TYPICAL SECTION

F.A.I. ROUTE 80
STA. 872+70 TO STA. 888+35
(LOOKING EAST)



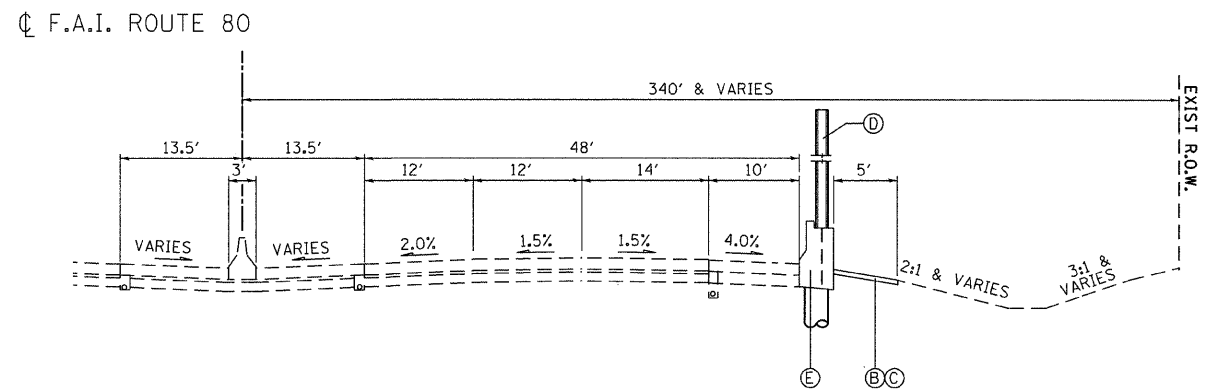
EASTBOUND LANES
EXISTING TYPICAL SECTION

F.A.I. ROUTE 80
STA. 875+20 TO STA. 888+35
(LOOKING EAST)



WESTBOUND LANES
PROPOSED TYPICAL SECTION

F.A.I. ROUTE 80
STA. 872+70 TO STA. 888+35
(LOOKING EAST)



EASTBOUND LANES
PROPOSED TYPICAL SECTION

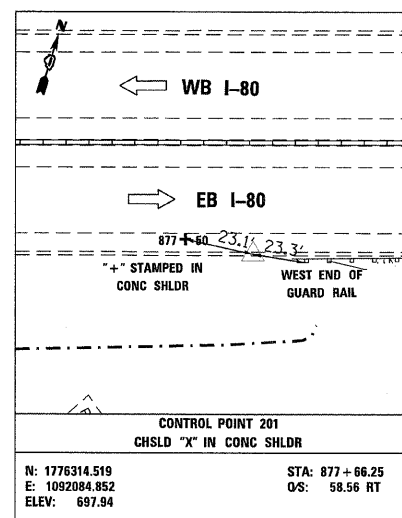
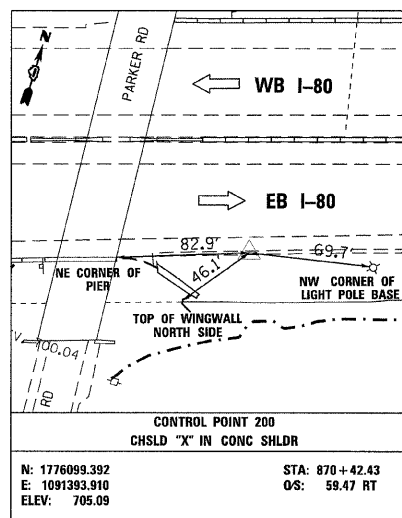
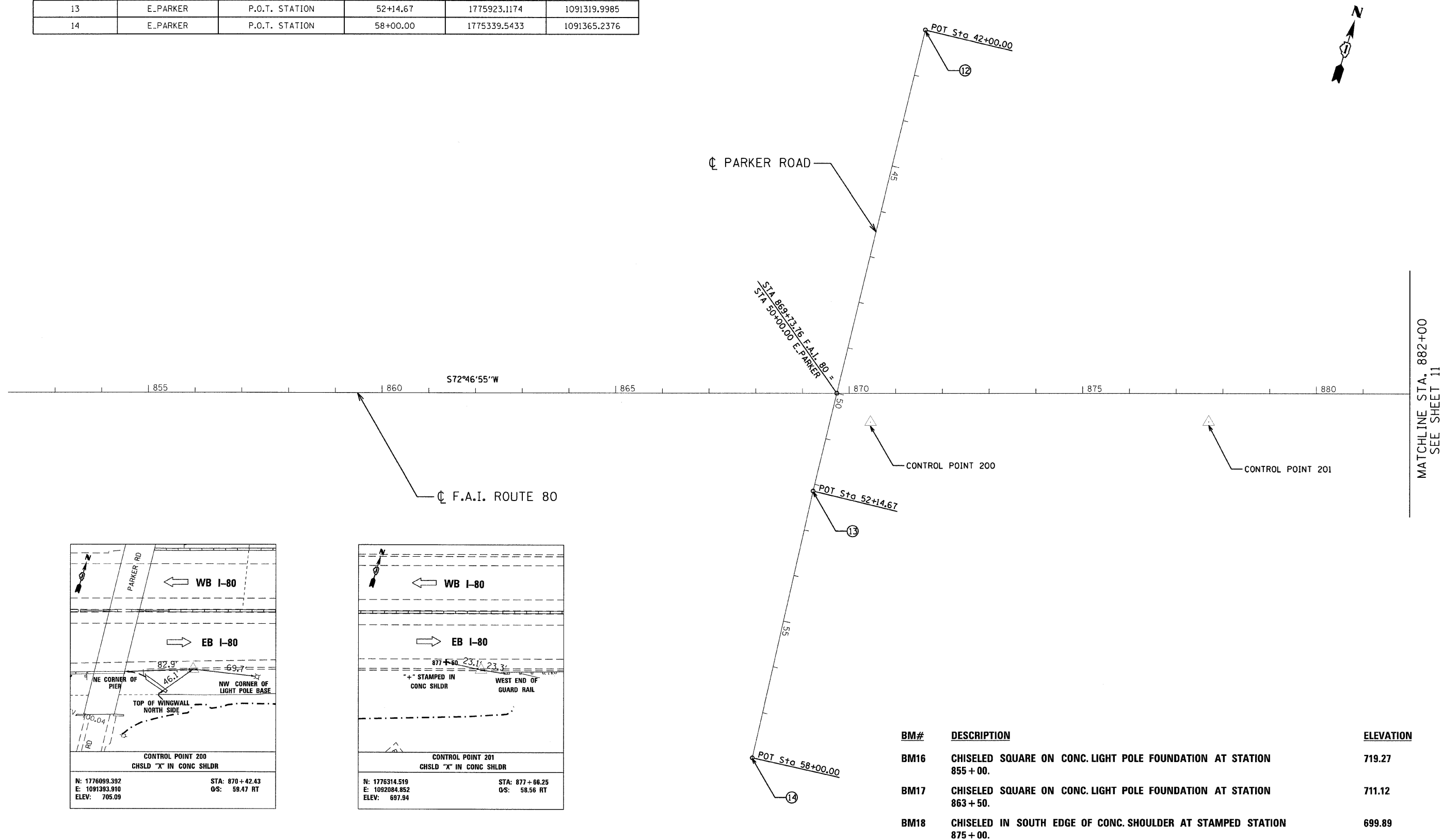
F.A.I. ROUTE 80
STA. 875+20 TO STA. 888+35
(LOOKING EAST)

- EXISTING LEGEND**
- ① AGGREGATE SUBGRADE 12"
 - ② PORTLAND CEMENT CONCRETE SHOULDER, 12 1/4"

- PROPOSED LEGEND**
- Ⓐ NOISE ABATEMENT WALL, GROUND MOUNTED (X0301423)
 - Ⓑ TOPSOIL FURNISH AND PLACE, 6" (21101625)
 - Ⓒ EARTH EXCAVATION (20200100), EROSION CONTROL BLANKET (25100630), SEEDING, CLASS 2A (25000210)
 - Ⓓ NOISE ABATEMENT WALL, STRUCTURE MOUNTED (X0324013)
 - Ⓔ BARRIER SUPPORT STRUCTURE FOR NOISE WALL
 - Ⓕ GUARDRAIL REMOVAL (63200310)

PROJECT COORDINATES

NUMBER	LOCATION	DESCRIPTION	STATION	NORTHING	EASTING
12	E.PARKER	P.O.T. STATION	42+00.00	1776935.8266	1091256.9234
13	E.PARKER	P.O.T. STATION	52+14.67	1775923.1174	1091319.9985
14	E.PARKER	P.O.T. STATION	58+00.00	1775339.5433	1091365.2376



BM#	DESCRIPTION	ELEVATION
BM16	CHISELED SQUARE ON CONC. LIGHT POLE FOUNDATION AT STATION 855+00.	719.27
BM17	CHISELED SQUARE ON CONC. LIGHT POLE FOUNDATION AT STATION 863+50.	711.12
BM18	CHISELED IN SOUTH EDGE OF CONC. SHOULDER AT STAMPED STATION 875+00.	699.89

ENGINEERING CONSULTANT

Clorba Group, Inc.
CONSULTING ENGINEERS
5507 North Cumberland Avenue, Suite 402
Chicago, Illinois 60630
Tel: 773.773.4008 Fax: 773.773.4014
Email: chicago@clorba.com

USER NAME = jk.jellman

DESIGNED - CRC

DRAWN - JMK

CHECKED - SNS

PLOT DATE = 2/15/2011

DESIGNED - CRC

DRAWN - JMK

CHECKED - SNS

DATE - 1/7/2011

REVISD -

DESIGNED - CRC

DRAWN - JMK

CHECKED - SNS

DATE - 1/7/2011

REVISD -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

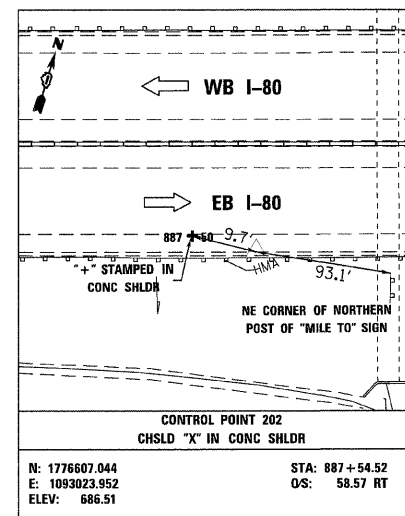
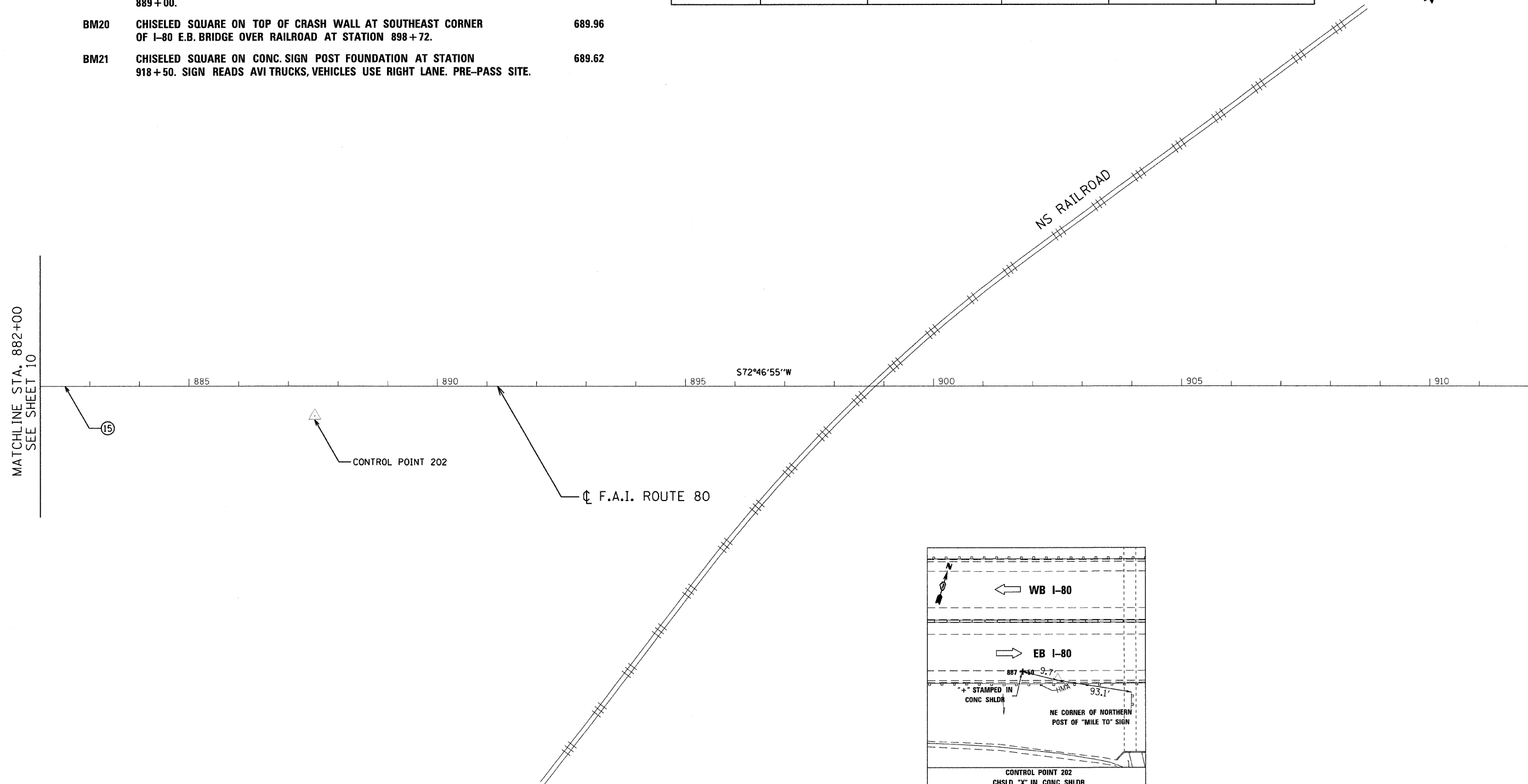
F.A.I. 80 NOISE ABATEMENT WALLS
ALIGNMENTS, TIES, AND BENCHMARKS

SCALE: SHEET NO. 10 OF 112 SHEETS STA. 852+00 TO STA. 882+00

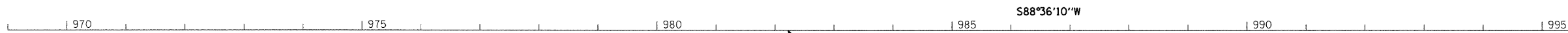
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5R-1	WILL	112	10
CONTRACT NO. 60N86				
ILLINOIS FED. AID PROJECT				

BM#	DESCRIPTION	ELEVATION
BM19	CHISELED SQUARE ON CONC. SIGN POST FOUNDATION AT STATION 889+00.	681.43
BM20	CHISELED SQUARE ON TOP OF CRASH WALL AT SOUTHEAST CORNER OF I-80 E.B. BRIDGE OVER RAILROAD AT STATION 898+72.	689.96
BM21	CHISELED SQUARE ON CONC. SIGN POST FOUNDATION AT STATION 918+50. SIGN READS AVI TRUCKS, VEHICLES USE RIGHT LANE. PRE-PASS SITE.	689.62

PROJECT COORDINATES					
NUMBER	LOCATION	DESCRIPTION	STATION	NORTHING	EASTING
15	FAI-80	P.O.T.	882+50	1776515.1530	1092525.7022



 Clorba Group, Inc. CONSULTING ENGINEERS 5507 North Cumberland Avenue, Suite 402 Chicago, Illinois 60630 Tel: 773.775.4200 Fax: 773.775.4014 Email: info@clorba.com	ENGINEERING CONSULTANT	USER NAME = jk.jellman	DESIGNED - CRC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. 80 NOISE ABATEMENT WALLS ALIGNMENTS, TIES, AND BENCHMARKS				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		PLOT SCALE = 100.0000' / IN.	DRAWN - JMK	REVISED -		80	99-5R-1	WILL	112	11				
		CHECKED - SNS	CHECKED - SNS	REVISED -		CONTRACT NO. 60N86								
		PLOT DATE = 2/15/2011	DATE - 1/7/2011	REVISED -		ILLINOIS FED. AID PROJECT								
						SCALE:	SHEET NO. 11 OF 112 SHEETS	STA. 882+00	TO STA. 912+00					

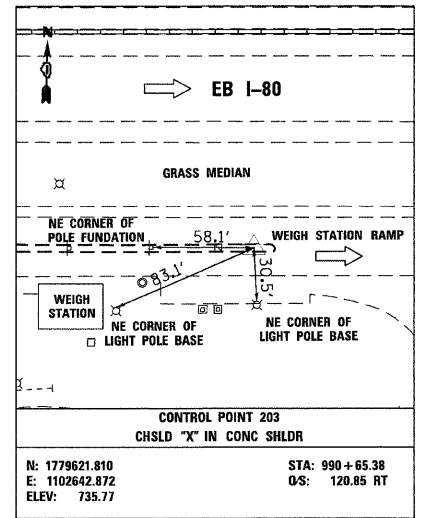


CL F.A.I. ROUTE 80

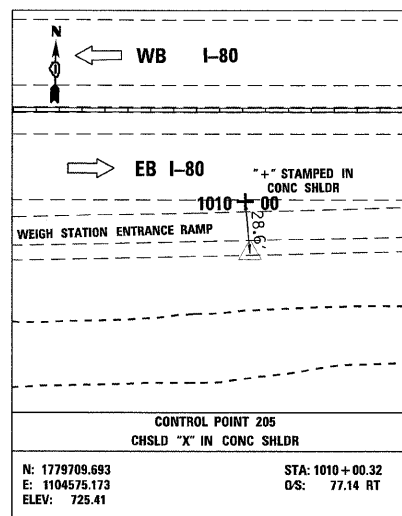
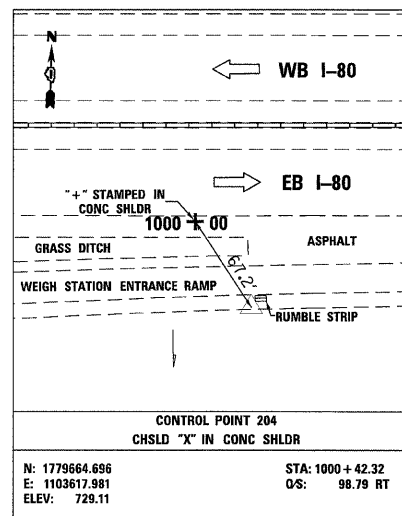
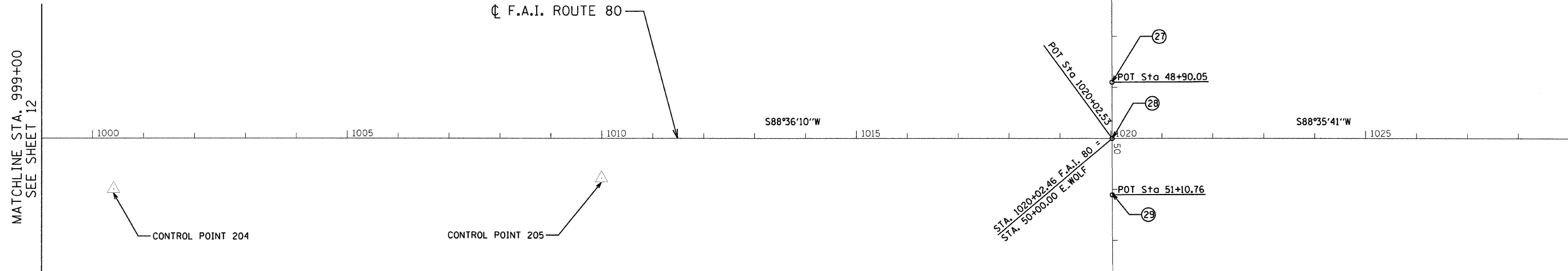
CONTROL POINT 203

MATCHLINE STA. 999+00
SEE SHEET 13

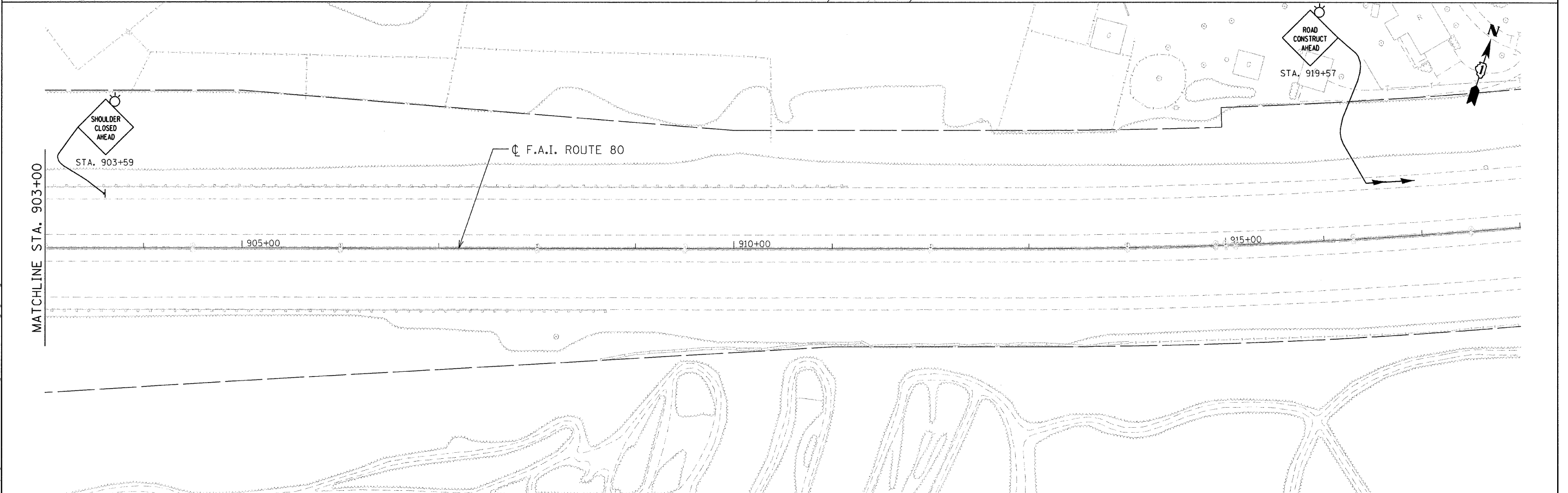
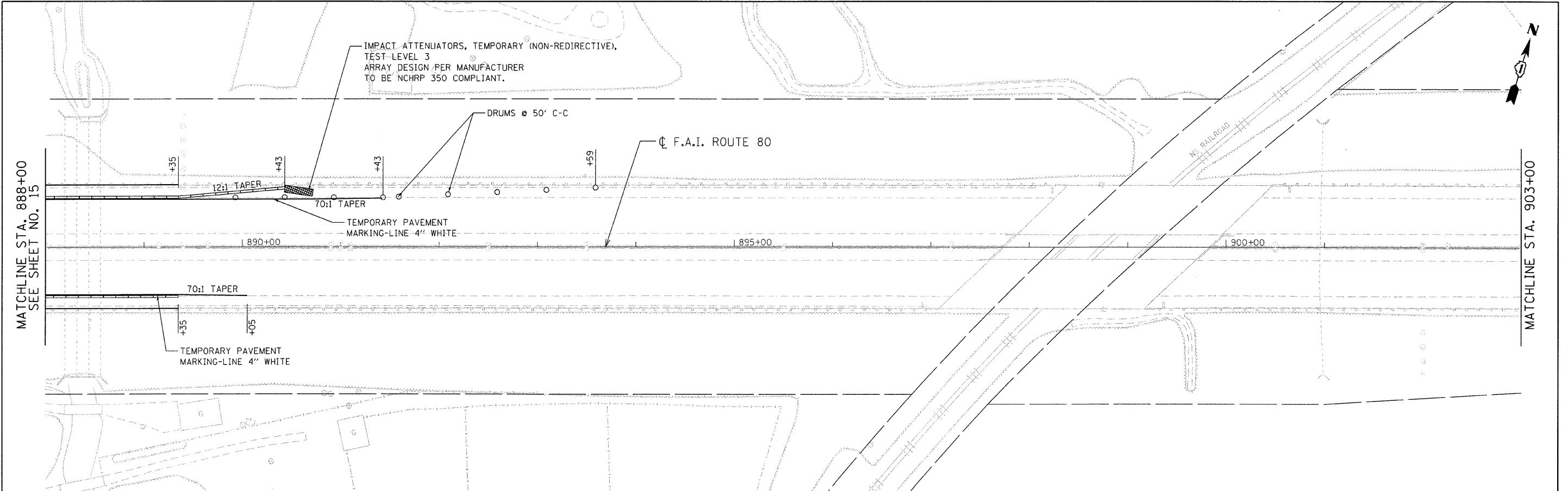
BM#	DESCRIPTION	ELEVATION
BM26	CHISELED SQUARE ON CONC. LIGHT POLE FOUNDATION AT STAMPED STATION 977 + 50.	733.65
BM27	CHISELED SQUARE ON CONC. LIGHT POLE FOUNDATION AT STAMPED STATION 987 + 50.	732.96



BM#	DESCRIPTION	ELEVATION
BM28	CHISELED SQUARE SOUTH EDGE OF CONC. SHOULDER AT STAMPED STATION 1000+00.	729.93
BM29	CHISELED SQUARE SOUTH EDGE OF CONC. MERGE RAMP FROM WEIGH STATION AT STAMPED STATION 1010+00.	725.36
BM30	CHISELED SQUARE ON TOP OF CONC. CRASH WALL ON SOUTH SIDE OF I-80 WEST OF WOLF ROAD BRIDGE AT STATION 1019+85.	724.04

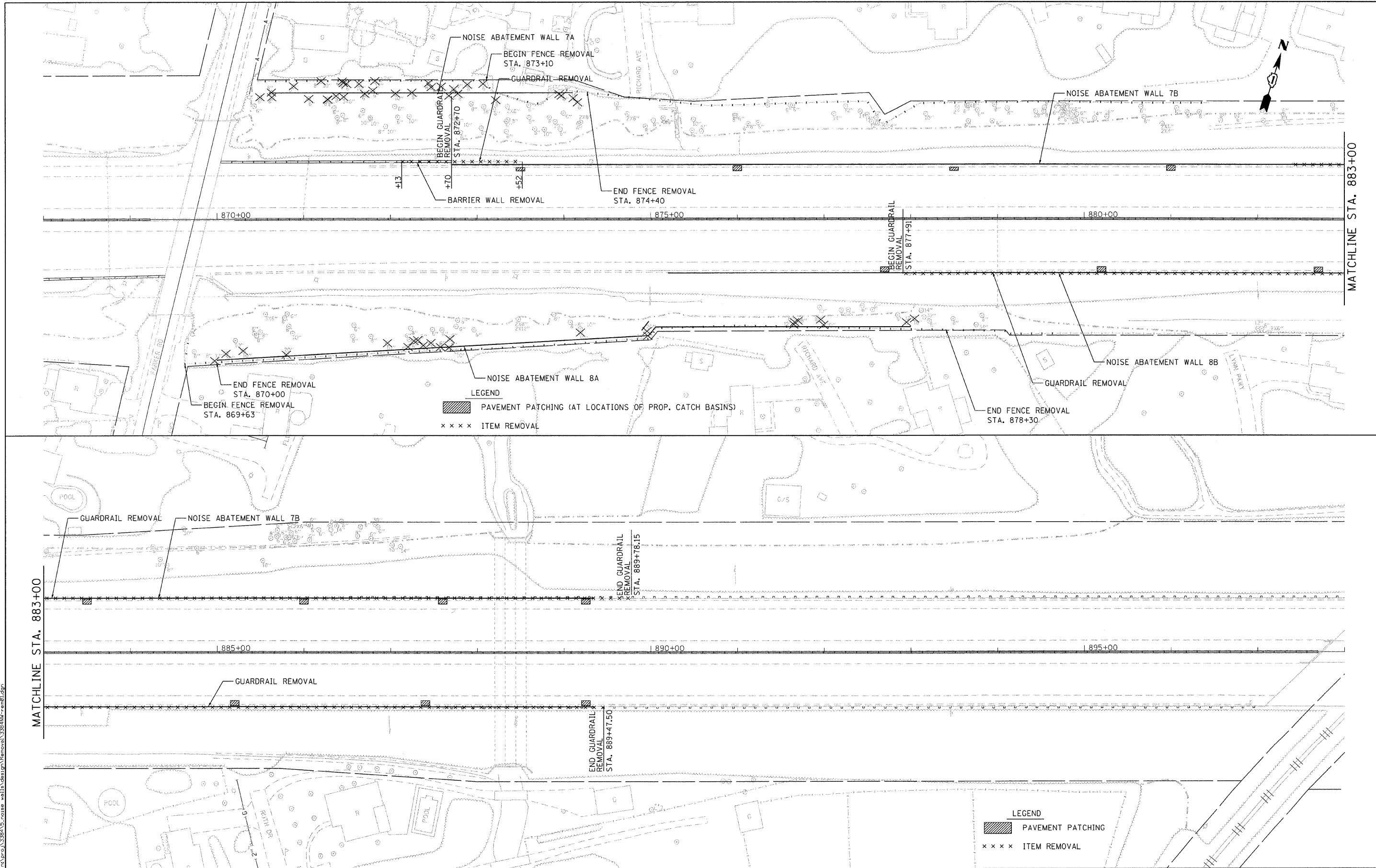


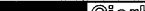
NUMBER	LOCATION	DESCRIPTION	STATION	NORTHING	EASTING
26	E_WOLF	P.O.T. STATION	42+00.00	1780612.402	1105552.585
27	E_WOLF	P.O.T. STATION	48+90.05	1779922.656	1105573.125
28	E_WOLF	P.O.T. STATION	50+00.00	1779812.747	1105576.133
29	E_WOLF	P.O.T. STATION	51+10.76	1779702.028	1105579.162
30	E_WOLF	P.O.T. STATION	57+00.00	1779113.065	1105597.219

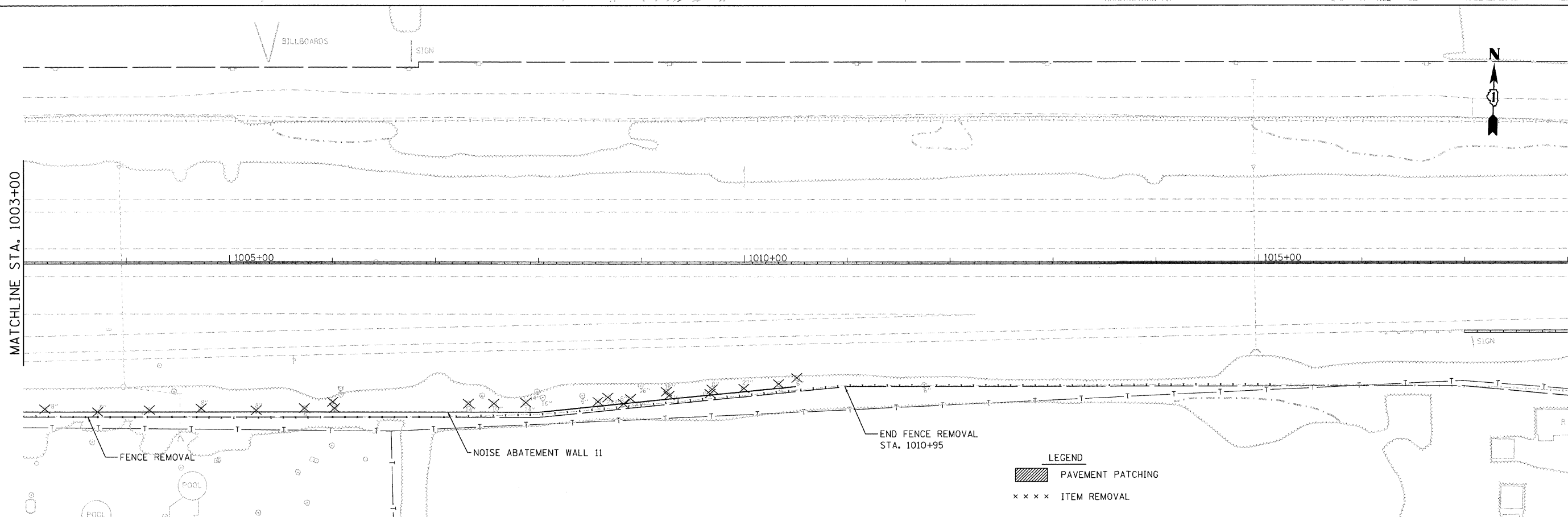
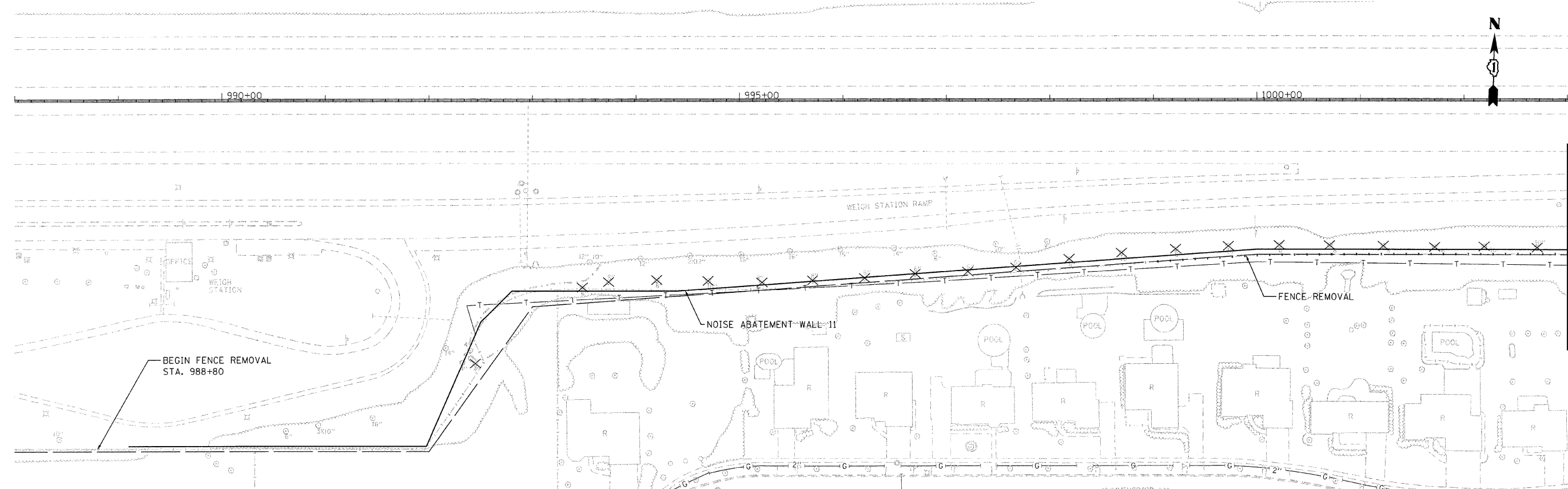


ENGINEERING CONSULTANT		USER NAME = jkjemmen	DESIGNED - CRC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. 80 NOISE ABATEMENT WALLS STAGING AND TRAFFIC CONTROL				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
 Clorba Group, Inc. CONSULTING ENGINEERS 5501 North Cumberland Avenue, Suite 402 Chicago, Illinois 60650 Tel 773.775.4200 Fax 773.775.4014 Email: Pj@clorbagroup.com	PLOT SCALE = 50.0000' / IN.	DRAWN - JMK	REVISED -	80						99-5R-1	WILL	112	16	
	CHECKED - SNS	REVIEWED -	CONTRACT NO. 60N86											
	PLOT DATE = 3/24/2011	DATE - 1/7/2011	REVISED -	ILLINOIS FED. AID PROJECT										
	SCALE: 1" = 50' SHEET NO. OF SHEETS STA. TO STA.													

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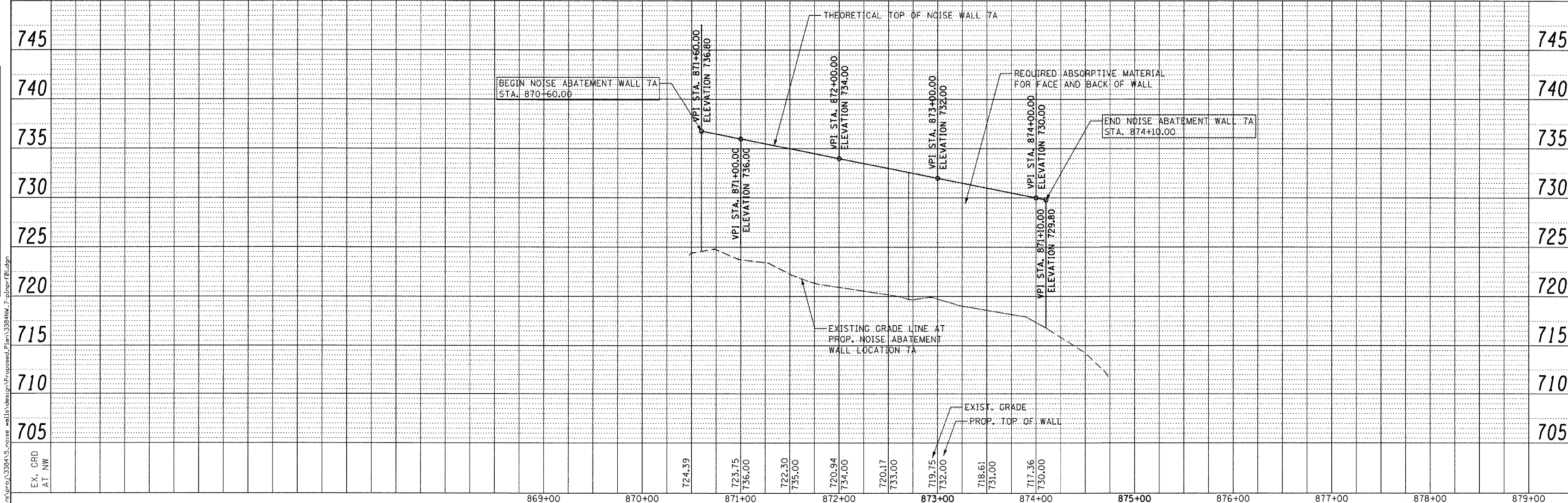
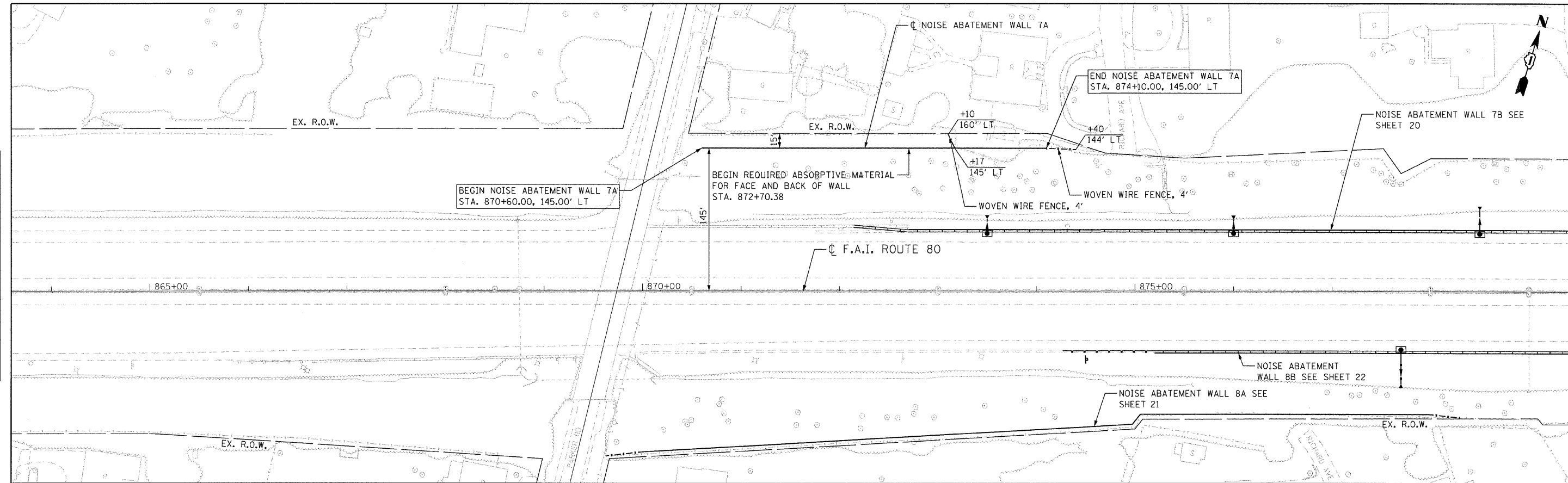


 ENGINEERING CONSULTANT Ciorba Group, Inc. CONSULTING ENGINEERS 5507 North Cumberland Avenue, Suite 402 Chicago, Illinois 60630 Tel: 773.775.4005 Fax: 773.775.4014 E-mail: info@ciorbagroup.com	USER NAME = jkjemman		DESIGNED - CRC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. 80 NOISE ABATEMENT WALLS REMOVAL PLAN				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50.0000' / IN.		DRAWN - JMK	REVISED -		SCALE: 1" = 50'	SHEET NO. 17 OF 112 SHEETS	STA. 868+00	TO STA. 898+00	80	99-5R-1	WILL	112	17
	PLOT DATE = 3/24/2011		CHECKED - SNS	REVISED -						CONTRACT NO. 60N86				
			DATE - 1/7/2011	REVISED -						ILLINOIS FED. AID PROJECT				



PLAN	SURVEYED	DATE
NO. _____	BY _____	_____
NOTE BOOK	PLOTTED	
	RT. OF WAY CHECKED	
	CADD FILE NAME	

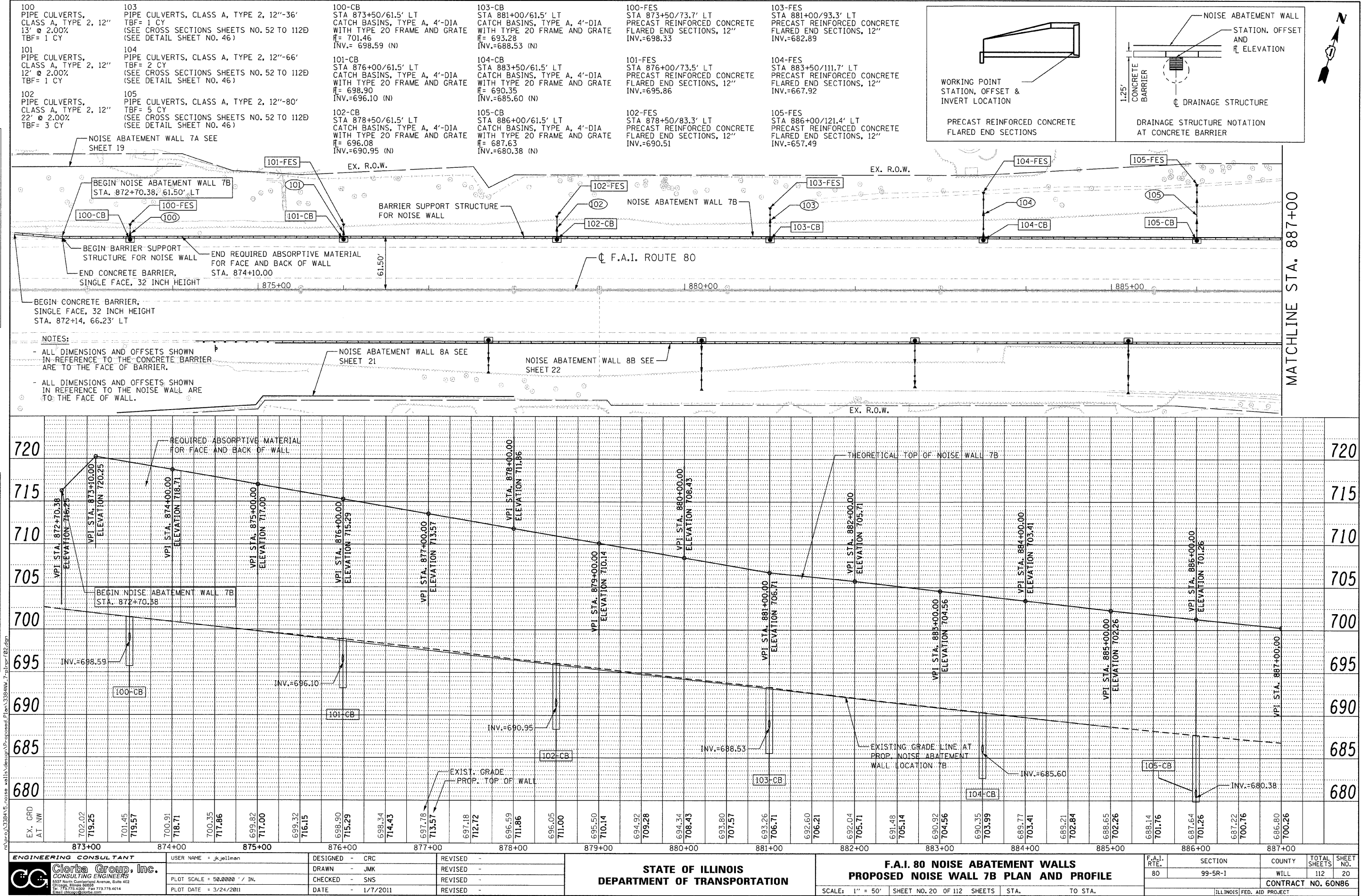
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NO. _____	BY _____	_____
NOTE BOOK	PLOTTED	
	RT. OF WAY CHECKED	
	CADD FILE NAME	



 Ciorba Group, Inc. CONSULTING ENGINEERS 2007 North Cumberland Avenue, Suite 402 Chicago, Illinois 60640 Tel. 773.775.4000 Fax 773.775.4014 Email ciorba@ciorba.com	USER NAME = jk,jellman		DESIGNED - CRC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. 80 NOISE ABATEMENT WALLS PROPOSED NOISE WALL 7A PLAN AND PROFILE				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50.0000' / IN.		DRAWN - JMK	REVISED -						80	99-5R-1	WILL	112	19
	PLOT DATE = 3/24/2011		CHECKED - SNS	REVISED -		CONTRACT NO. 60N86								
	DATE = 1/7/2011		REVISED -	ILLINOIS FED. AID PROJECT										
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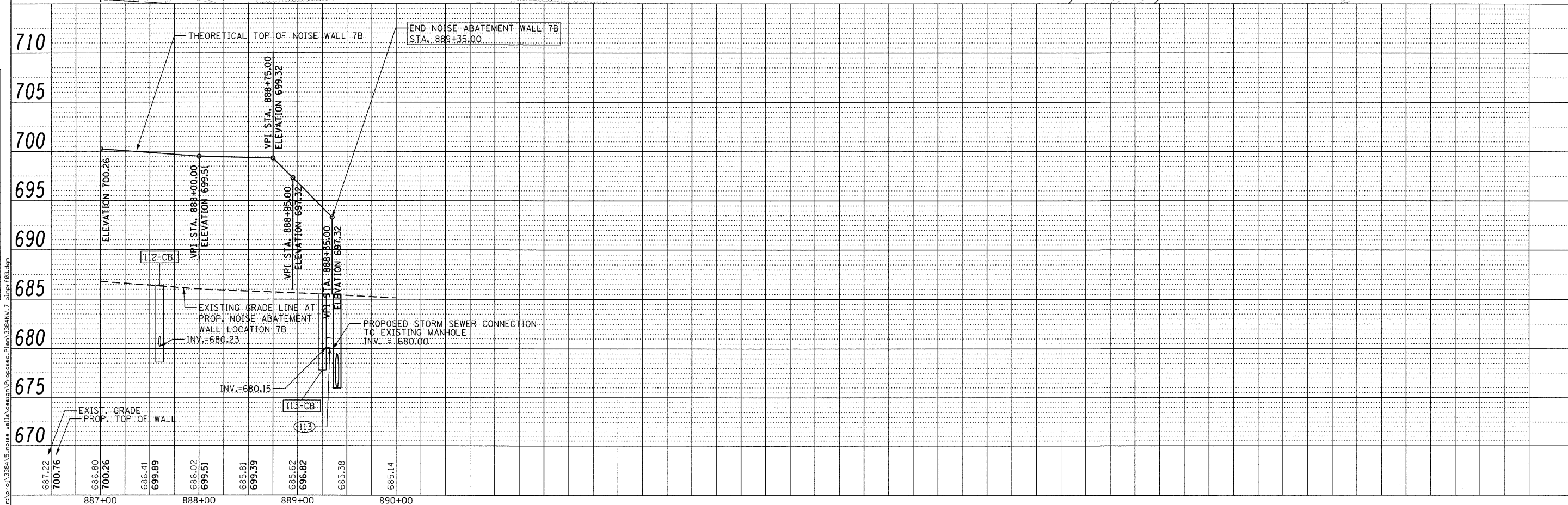
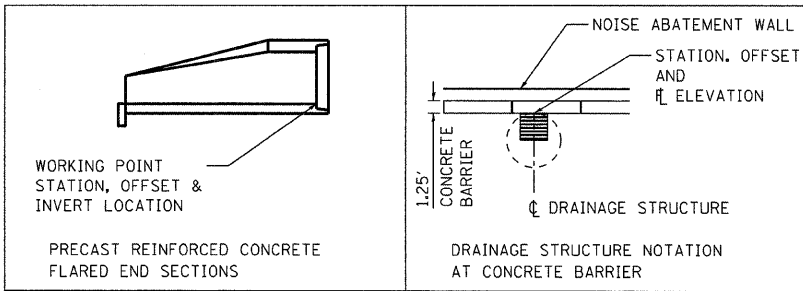
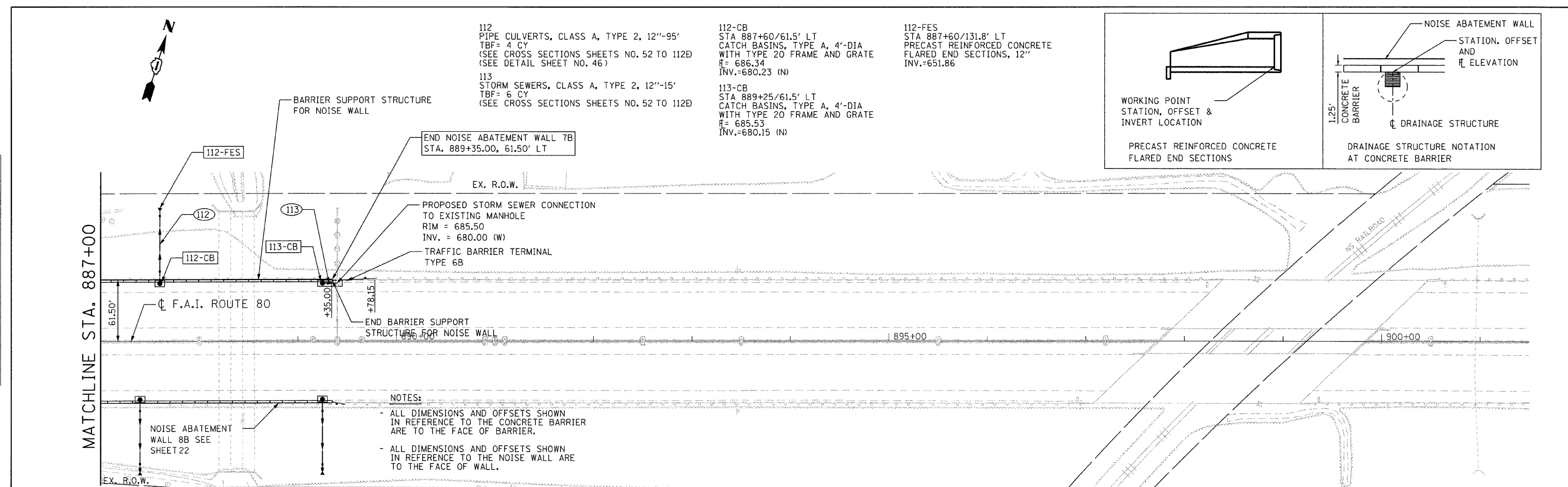
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SURVEYED		
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CHECKED		
NO. OF WAY CHECKED		
CADD FILE NAME		

PROFILE	DATE	BY
SURVEYED		
PLOTTED		
CHECKED		
NO. OF WAY CHECKED		
STRUCTURE NOTATIONS OK'D		



PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	REVISIONS	
	FILED	
	NO. OF	
	FILE	
	NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	REVISIONS	
	FILED	
	NO. OF	
	FILE	
	NAME	



ENGINEERING CONSULTANT

Clorba Group, Inc.
CONSULTING ENGINEERS
4507 North Cumberland Avenue, Suite 402
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Tel: 773.775.4008 Fax: 773.775.4014
Email: 29089@clorba.com

USER NAME = jk.jelimen

DESIGNED - CRC

DRAWN - JMK

CHECKED - SNS

DATE = 3/24/2011

REVISD -

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

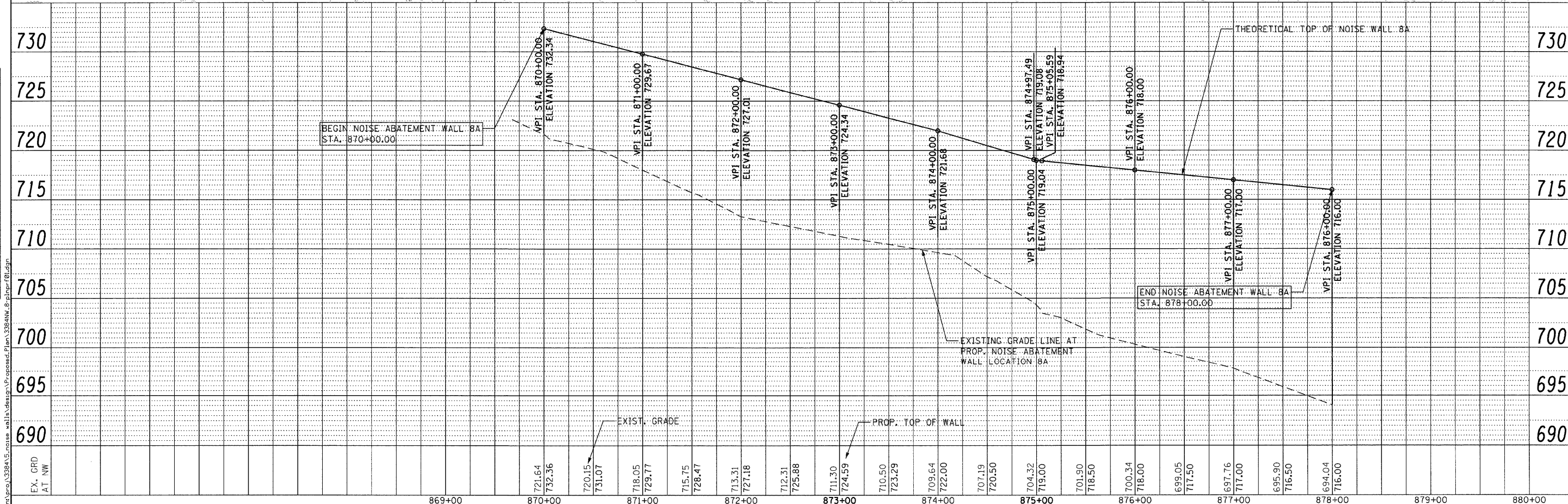
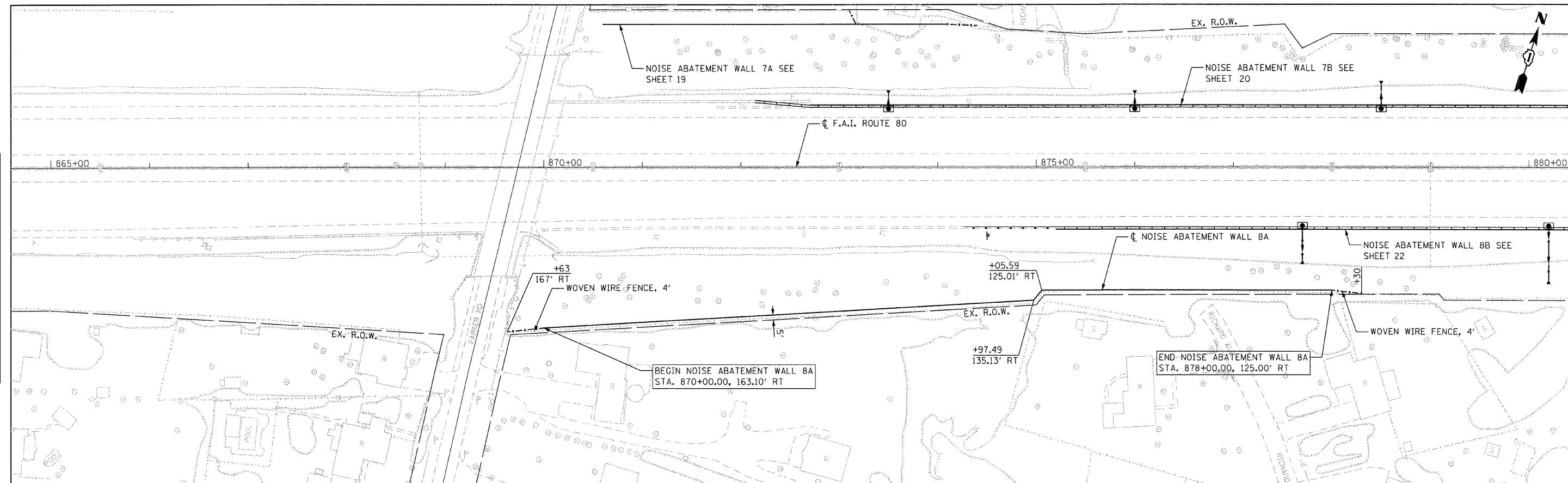
F.A.I. 80 NOISE ABATEMENT WALLS
PROPOSED NOISE WALL 7B PLAN AND PROFILE

SCALE: 1" = 50' SHEET NO. 20b OF 112 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5R-1	WILL	112	20A
CONTRACT NO. 60N86				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
NO. _____	BY _____	
NOTE BOOK	PLOTTED	
NO. _____	BY _____	
RT. OF WAY CHECKED	BY _____	
CADD FILE NAME	BY _____	

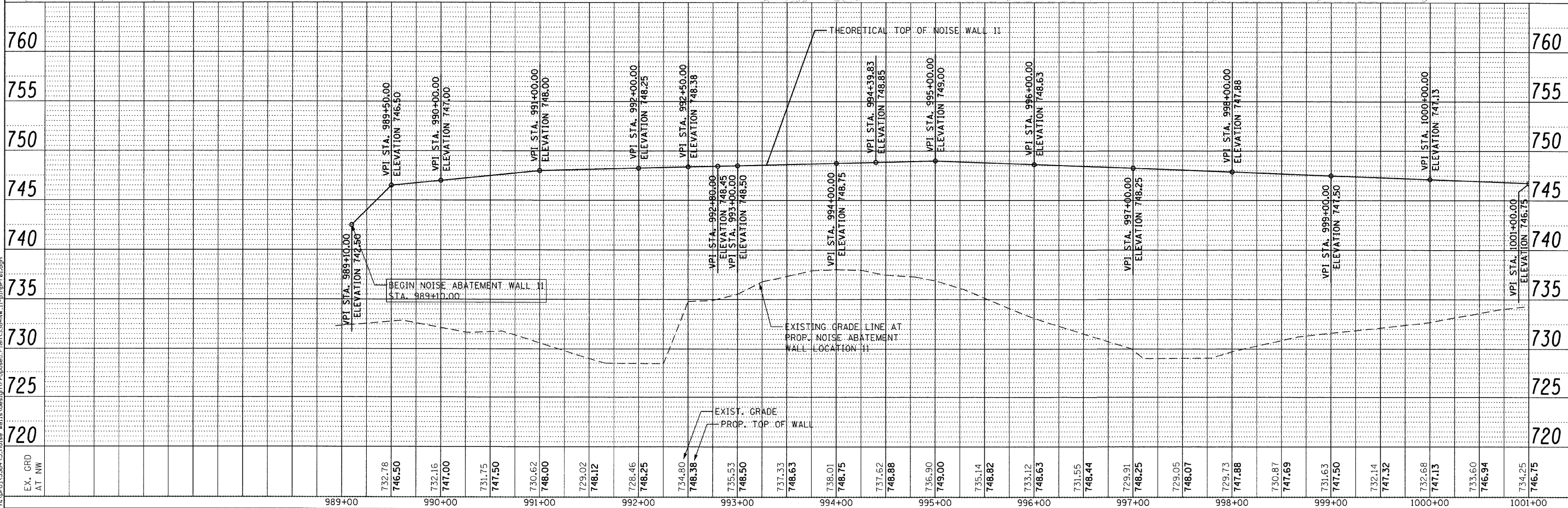
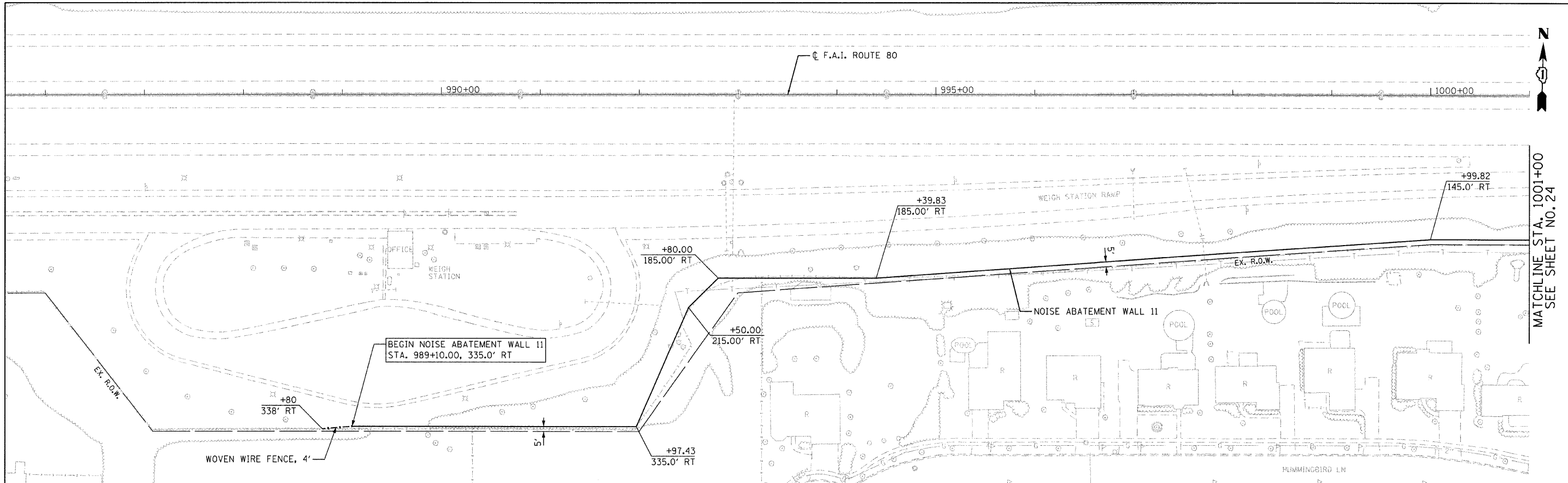
PROFILE	SURVEYED	DATE
NO. _____	BY _____	
NOTE BOOK	PLOTTED	
NO. _____	BY _____	
STRUCTURE NOTATION CHD	BY _____	



 Ciorba Group, Inc. CONSULTING ENGINEERS 5507 North Cumberland Avenue, Suite 102 Chicago, Illinois 60641 Tel: 773.774.4008 Fax: 773.775.4014 Email: ciorba@ciorba.com	ENGINEERING CONSULTANT		USER NAME = jkjemman	DESIGNED - CRC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				F.A.I. 80 NOISE ABATEMENT WALLS PROPOSED NOISE WALL 8A PLAN AND PROFILE				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			PLOT SCALE = 50.0000' / IN.	DRAWN - JMK	REVISED -									80	99-5R-1	WILL	112	21
			PLOT DATE = 3/24/2011	CHECKED - SNS	REVISED -									CONTRACT NO. 60N86				
			DATE = 1/7/2011	REVISED -	SCALE: 1" = 50'				SHEET NO. 21 OF 112 SHEETS		STA. TO STA.		ILLINOIS FED. AID PROJECT					

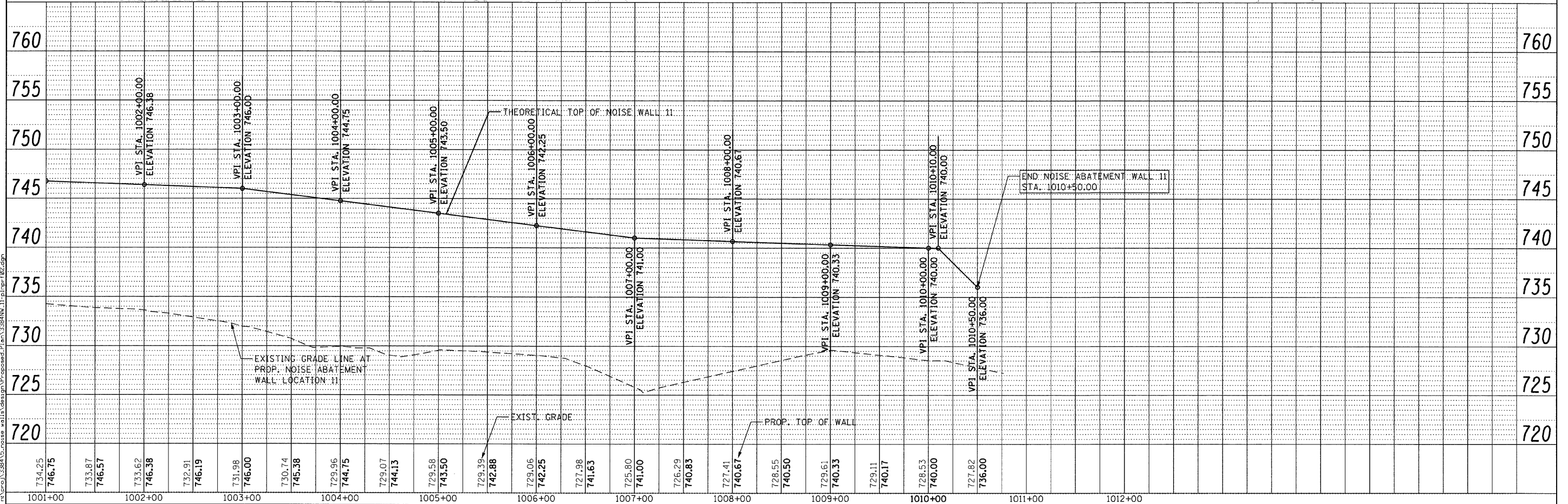
PLAN	SURVEYED	BY	DATE
NOTE BOOK	ALIGNED		
NO.	CAD FILE NAME		

PROFILE	SURVEYED	BY	DATE
NOTE BOOK	GRADES CHECKED		
NO.	STRUCTURE NOTATION CHKS		

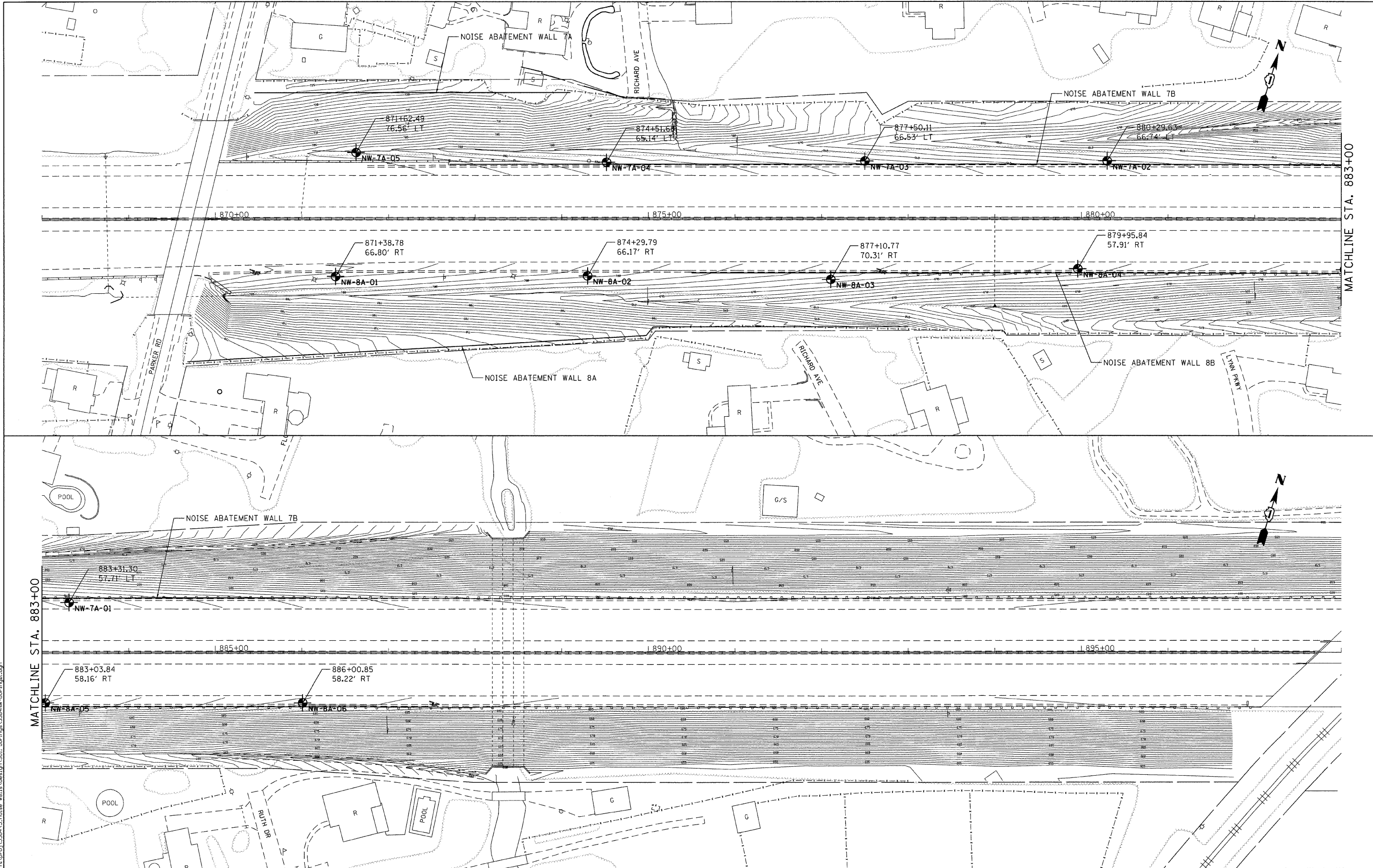


ENGINEERING CONSULTANT Giorda Group, Inc. 5501 North Cumberland Avenue, Suite 402 Chicago, Illinois 60630 Tel: 773.775.4008 Fax: 773.775.4014 Email: chicago@giorda.com		USER NAME = jkjemman DESIGNED - CRC DRAWN - JMK CHECKED - SNS DATE - 1/7/2011	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		F.A.I. 80 NOISE ABATEMENT WALLS PROPOSED NOISE WALL 11 PLAN AND PROFILE SCALE: 1" = 50' SHEET NO. 23 OF 112 SHEETS STA. TO STA.	F.A.I. RTE. 80 SECTION 99-5R-1 COUNTY WILL TOTAL SHEETS 112 SHEET NO. 23 CONTRACT NO. 60N86 ILLINOIS FED. AID PROJECT
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PROFILE NOTE BOOK NO. _____	SURVEYED _____	BY _____ DATE _____
	PLOTTED _____	
	GRADES CHECKED _____	
	B.M. NOTED _____	
	STRUCTURE NOTAT'NS CHK'D _____	



ENGINEERING CONSULTANT  Ciorba Group, Inc. CONSULTING ENGINEERS 5507 North Cumberland Avenue, Suite 402 Chicago, Illinois 60656 (773) 775-4000 Fax (773) 775-4014 email: cgroup@ciorbacom.com		USER NAME = jkajellman DESIGNED - CRC DRAWN - JMK CHECKED - SNS PLOT SCALE = 50.0000' / IN. PLOT DATE = 3/24/2011	REVISED - REVISED - REVISED - REVISED - \$ STAMPED DATE = 1/7/2011	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		F.A.I. 80 NOISE ABATEMENT WALLS PROPOSED NOISE WALL 11 PLAN AND PROFILE		F.A.I. RTE. 80	SECTION 99-5R-1	COUNTY WILL	TOTAL SHEETS 112	SHEET NO. 24	CONTRACT NO. 60N86	
						SCALE: 1" = 50'	SHEET NO. 24 OF 112 SHEETS	STA.	TO STA.					
						ILLINOIS FED. AID PROJECT								



ENGINEERING CONSULTANT
Clorba Group, Inc.
 CONSULTING ENGINEERS
 5607 North Cumberland Avenue, Suite 402
 Chicago, Illinois 60630
 Tel: 773.775.4200 Fax: 773.775.4014
 Email: clorba@clorba.com

USER NAME = jk.jellman
 PLOT SCALE = 50.0000' / IN.
 PLOT DATE = 2/15/2011

DESIGNED - CRC
 DRAWN - JMK
 CHECKED - SNS
 DATE - 1/7/2011

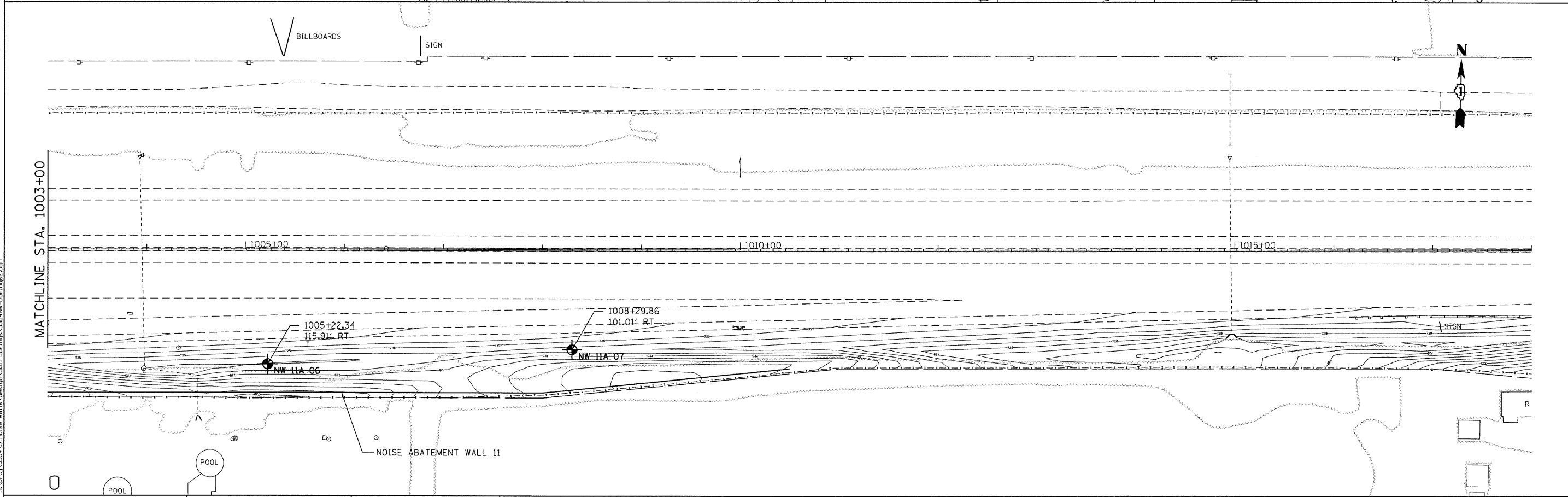
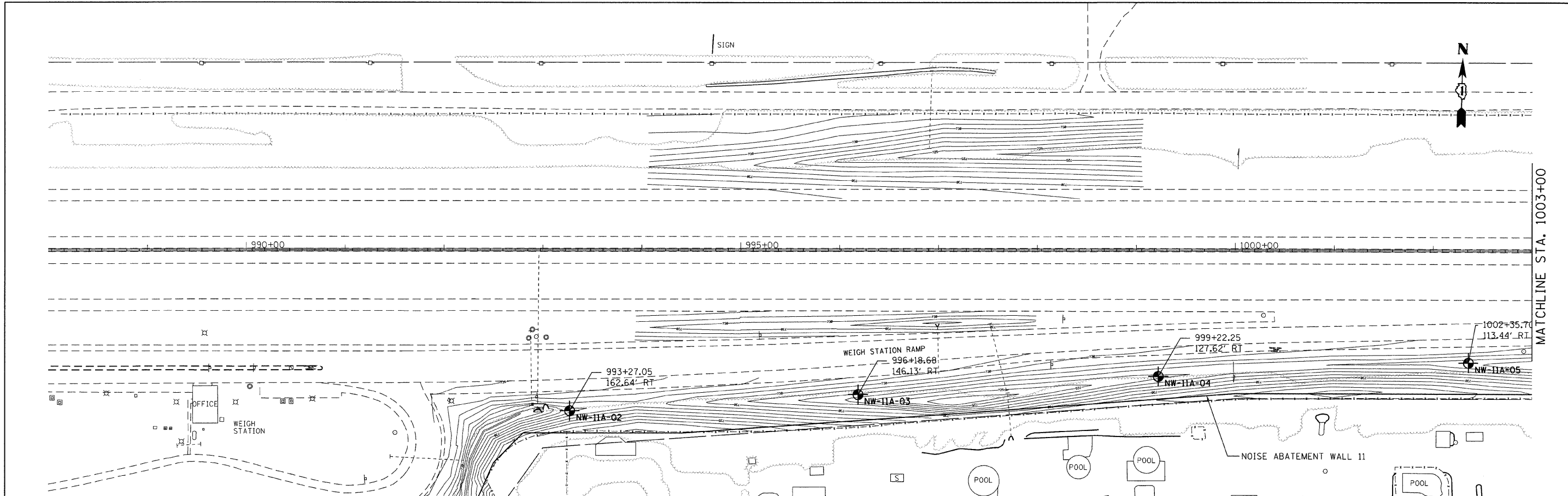
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 NOISE ABATEMENT WALLS
SOIL BORING LOCATION PLAN

SCALE: 1" = 50' SHEET NO. 25 OF 112 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5R-1	WILL	112	25
CONTRACT NO. 60N86				
ILLINOIS FED. AID PROJECT				



ENGINEERING CONSULTANT		USER NAME = jk.jellman	DESIGNED - CRC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. NOISE ABATEMENT WALLS SOIL BORING LOCATION PLAN				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
 Ciorba Group, Inc. CONSULTING ENGINEERS 5301 North Cumberland Avenue, Suite 402 Chicago, Illinois 60630 Tel: 773.773.4000 Fax: 773.773.4014 Email: chicago@ciorba.com	PLOT SCALE = 50.0000' / IN.	DRAWN - JMK	REVISED -	80		99-5R-1	WILL	112	26					
	PLOT DATE = 2/15/2011	CHECKED - SNS	REVISED -	CONTRACT NO. 60N86										
		DATE - 1/7/2011	REVISED -	ILLINOIS FED. AID PROJECT										
		SCALE: 1" = 50'		SHEET NO. 26 OF 112 SHEETS		STA. TO STA.								



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BORING LOG NW-7A-01

WEI Job No.: 775-13-01

Client: **Ciorba Group, Inc.**
Project: **FAI-80 from US 30 to US 45**
Location: **Will County**

Datum: NGVD
Elevation: 689.80 ft
North: 1776594.37 ft
East: 1092586.27 ft
Station: 883+31.30
Offset: 57.71 LT

Page 1 of 1

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	688.7	13-inch thick CONCRETE --PAVEMENT--															
	687.7	12-inch thick CRUSHED STONE --BASE COURSE--															
		Hard, brown and gray SILTY CLAY, trace gravel															
		--FILL--															
			5	X	2	10 10 17	7.80 S	14				30	X	12	8 13 20	4.92 B	18
				X	3	4 9 12	7.87 B	16					X	13	5 9 12	2.87 B	21
			10	X	4	7 16 22	9.43 B	12				35	X	13	5 9 12	2.87 B	21
				X	5	7 10 13	4.10 S	14					X	14	5 8 12	2.79 B	22
			15	X	6	6 9 13	4.02 S	18		649.8	Boring terminated at 40.00 ft	40	X	14	5 8 12	2.79 B	22
				X	7	6 8 11	4.00 P	24									
	671.8	Very stiff to hard, brown and gray SILTY CLAY															
			20	X	8	6 50/5	3.36 S	23				45					
				X	9	13 20 28	3.53 S	17									
			25	X	10	10 12 20	5.05 B	19				50					

GENERAL NOTES

Begin Drilling: **11-02-2010** Complete Drilling: **11-02-2010**
Drilling Contractor: **K&S** Drill Rig: **TMR Diederich**
Driller: **T&M** Logger: **B. Wilson** Checked by: **C. Marin**
Drilling Method: **3.25 IDA HSA; Boring backfilled upon completion**

WATER LEVEL DATA

While Drilling: **DRY**
At Completion of Drilling: **DRY**
Time After Drilling: **NA**
Depth to Water: **NA**
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.



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BORING LOG NW-7A-02

WEI Job No.: 775-13-01

Client: **Ciorba Group, Inc.**
Project: **FAI-80 from US 30 to US 45**
Location: **Will County**

Datum: NGVD
Elevation: 692.26 ft
North: 1776513.67 ft
East: 1092295.45 ft
Station: 880+29.63
Offset: 66.74 LT

Page 1 of 1

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	691.3	12-inch thick, brawn GRAVELLY LOAM															
		--SHOULDER--															
	689.3	Medium dense, brown LOAM, little gravel															
		--FILL--															
		Stiff to hard, brown to gray SILTY CLAY, trace gravel															
			5	X	1	8 10 7	NP	13				30	X	11	4 5 7	2.62 B	13
				X	2	4 6 8	4.50 P	15					X	12	3 5 7	1.80 B	14
				X	3	5 8 4	4.26 B	16					X	13	5 6 10	2.54 B	15
			10	X	4	4 6 8	5.33 B	16				35	X	13	5 6 10	2.54 B	15
				X	5	5 6 8	3.94 B	16		655.3	Medium dense, brown to gray SILT						
				X	6	5 8 10	6.89 B	15		652.3	Boring terminated at 40.00 ft	40	X	14	13 12 10	NP	13
			15	X	7	5 8 10	4.35 B	17									
				X	8	3 8 10	5.08 B	17				45					
			20	X	9	5 6 7	2.30 B	19									
				X	10	4 5 7	2.87 B	18				50					

GENERAL NOTES

Begin Drilling: **10-20-2010** Complete Drilling: **10-20-2010**
Drilling Contractor: **K&S** Drill Rig: **CME ATV**
Driller: **T&M** Logger: **B. Wilson** Checked by: **C. Marin**
Drilling Method: **3.25 IDA HSA; Boring backfilled upon completion**

WATER LEVEL DATA

While Drilling: **DRY**
At Completion of Drilling: **DRY**
Time After Drilling: **NA**
Depth to Water: **NA**
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

ENGINEERING CONSULTANT



USER NAME = jkellman

DESIGNED - CRC

REVISED -

PLOT SCALE = 1,000' / IN.

DRAWN - JMK

REVISED -

PLOT DATE = 2/15/2011

CHECKED - SNS

REVISED -

DATE - 1/7/2011

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 NOISE ABATEMENT WALLS
SOIL BORING LOG

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5R-1	WILL	112	27
CONTRACT NO. 60N86				
ILLINOIS FED. AID PROJECT				



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BORING LOG NW-7A-03

WEI Job No.: 775-13-01

Client: Ciorba Group, Inc.

Project: FAI-80 from US 30 to US 45

Location: Will County

Datum: NGVD
Elevation: 695.44 ft
North: 1776430.73 ft
East: 1092028.52 ft
Station: 877+50.11
Offset: 66.53 LT

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	
		Medium dense, brown LOAM, some gravel --FILL--		1	3	6	10	NP	14				11	3	4	5	1.39	15
	691.7	Very stiff, black SILTY CLAY, with plant material --BURIED TOPSOIL--		2	4	4	6	3.50	22			30	12	5	6	10	1.23	14
	688.9	Stiff to hard, brown to gray SILTY CLAY to SILTY CLAY LOAM, trace gravel		3	3	3	6	1.50	31				13	2	5	6	2.38	22
			10	4	4	5	6	2.95	22			35	13	2	5	6	2.38	22
				5	4	8	10	6.56	17				14	3	6	7	2.05	22
			15	6	5	10	12	5.41	16	655.4	Boring terminated at 40.00 ft	40	14	3	6	7	2.05	22
				7	3	6	10	4.84	16									
			20	8	3	6	10	5.08	18			45						
				9	3	5	8	3.85	18									
			25	10	3	5	7	3.20	13			50						

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	10-20-2010	Complete Drilling	10-20-2010	While Drilling	▽	DRY	
Drilling Contractor	K&S	Drill Rig	CME ATV	At Completion of Drilling	▽	DRY	
Driller	T&M	Logger	B. Wilson	Checked by	C. Marin	Time After Drilling	NA
Drilling Method	3.25 IDA HSA: Boring backfilled upon completion			Depth to Water	▽	NA	
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.							



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BORING LOG NW-7A-04

WEI Job No.: 775-13-01

Client: Ciorba Group, Inc.

Project: FAI-80 from US 30 to US 45

Location: Will County

Datum: NGVD
Elevation: 698.40 ft
North: 1776341.07 ft
East: 1091743.88 ft
Station: 874+51.68
Offset: 65.14 LT

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	
		12-inch thick, brown SILTY LOAM, some gravel --FILL--		1	3	5	5	4.26	13				11	5	7	10	2.87	18
		Very stiff to hard, SILTY CLAY, trace gravel		2	3	3	6	3.44	15			30	12	6	12	13	NP	10
	670.4	Medium dense, gray GRAVELLY SAND		3	3	5	6	3.20	15				13	13	20	18	NP	5
			10	4	3	3	5	3.20	15			35	13	13	20	18	NP	5
				5	3	3	5	2.38	15				14	13	18	50/5	NP	11
	684.6	Medium dense, gray SILT, moist		6	3	5	5	NP	21			40	14	13	18	50/5	NP	11
	682.9	Very stiff, gray SILTY CLAY, trace gravel		7	3	4	8	3.36	16									
	680.4	Medium dense, gray SILT, moist		8	5	7	8	NP	19			45						
	677.9	Very stiff, gray SILTY CLAY, trace gravel		9	6	7	7	3.03	15									
			25	10	3	7	8	3.03	16			50						

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	10-20-2010	Complete Drilling	10-21-2010	While Drilling	▽	28.50 ft	
Drilling Contractor	K&S	Drill Rig	CME ATV	At Completion of Drilling	▽	26.00 ft	
Driller	T&M	Logger	B. Wilson	Checked by	C. Marin	Time After Drilling	NA
Drilling Method	3.25 IDA HSA: Boring backfilled upon completion			Depth to Water	▽	NA	
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.							

\\pcc\328415\noise walls\design\Soil Borings\328415\borings\log22.dgn

 Ciorba Group, Inc. CONSULTING ENGINEERS 6307 North Cumberland Avenue, Suite 402 Chicago, Illinois 60630 Tel: 773.775.4000 Fax: 773.775.4014 Email: chris@ciorga.com	USER NAME = jkellman	DESIGNED - CRC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. 80 NOISE ABATEMENT WALLS SOIL BORING LOG	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1:80000 ' / IN.	DRAWN - JMK	REVISED -			80	99-5R-1	WILL	112	28
	PLOT DATE = 2/15/2011	CHECKED - SNS	REVISED -			CONTRACT NO. 60N86				
	DATE - 1/7/2011	REVISD -	[ILLINOIS] FED. AID PROJECT							
SCALE: SHEET NO. OF SHEETS STA. TO STA.										



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BORING LOG NW-7A-05

WEI Job No.: 775-13-01

Client **Ciorba Group, Inc.**
Project **FAI-80 from US 30 to US 45**
Location **Will County**

Datum: NGVD
Elevation: 701.32 ft
North: 1776266.40 ft
East: 1091464.27 ft
Station: 871+62.49
Offset: 76.56 LT

Page 1 of 1

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	700.7	8-inch thick, brown SILTY CLAY --TOPSOIL-- Very stiff to hard, brown and gray SILTY CLAY, trace gravel			1	8 9 12	4.50 P	18						11	4 6 9	2.05 B	15
			5		2	4 5 6	4.50 P	14				30		12	5 7 12	1.99 B	16
					3	4 8 9	3.25 P	16									
	693.3	Medium dense, brown SILT			4	4 6 10	NP	16				35		13	6 8 10	2.87 B	19
	690.8	Stiff to very stiff, gray SILTY CLAY, trace gravel			5	6 8 8	2.35 B	13									
			15		6	4 5 7	2.13 B	14				40		14	6 40 50/3	3.69 B	13
					7	4 5 7	2.38 B	15									
			20		8	3 5 7	2.62 B	16				45					
					9	4 7 9	2.62 B	15									
			25		10	4 6 8	2.38 B	15				50					

GENERAL NOTES

Begin Drilling **11-02-2010** Complete Drilling **11-02-2010**
Drilling Contractor **K&S** Drill Rig **TMR Diedrich**
Driller **T&M** Logger **B. Wilson** Checked by **C. Marin**
Drilling Method **3.25 IDA HSA: Boring backfilled upon completion**

WATER LEVEL DATA

While Drilling **DRY**
At Completion of Drilling **DRY**
Time After Drilling **NA**
Depth to Water **NA**

The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.



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BORING LOG NW-8A-01

WEI Job No.: 775-13-01

Client **Ciorba Group, Inc.**
Project **FAI-80 from US 30 to US 45**
Location **Will County**

Datum: NGVD
Elevation: 702.06 ft
North: 1776122.44 ft
East: 1091484.06 ft
Station: 871+38.78
Offset: 66.80 RT

Page 1 of 1

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	701.83	8-inch thick, brown SILTY CLAY --TOPSOIL-- Stiff to very stiff, gray SILTY CLAY, trace gravel			1	3 4 5	2.05 B	18		676.6	Dense, brown LOAM			11	8 10 20	NP	15
			5		2	2 2 5	1.97 B	17		674.1	Very dense, gray SANDY GRAVEL			12	15 31 43	NP	3
					3	2 5 6	1.80 B	17		670.1	Dense to very dense, brown to gray SILT						
			10		4	2 5 6	2.05 B	17				35		13	12 20 23	NP	13
					5	2 4 7	2.21 B	17									
			15		6	2 4 6	2.13 B	18		662.1	Boring terminated at 40.00 ft	40		14	22 34 24	NP	11
					7	3 5 7	2.79 B	18									
			20		8	2 5 7	2.21 B	16				45					
					9	4 7 11	3.28 B	19									
	679.1	Dense, gray fine to coarse SAND, some gravel			10	10 18 26	NP	5				50					

GENERAL NOTES

Begin Drilling **11-01-2010** Complete Drilling **11-01-2010**
Drilling Contractor **K&S** Drill Rig **CME ATV**
Driller **T&M** Logger **B. Wilson** Checked by **C. Marin**
Drilling Method **3.25 IDA HSA: Boring backfilled upon completion**

WATER LEVEL DATA

While Drilling **DRY**
At Completion of Drilling **DRY**
Time After Drilling **NA**
Depth to Water **NA**

The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

ENGINEERING CONSULTANT



USER NAME = jkellman

DESIGNED - CRC

REVISED -

PLOT SCALE = 1/8000' = 1" = 100'

DRAWN - JMK

REVISED -

PLOT DATE = 2/15/2011

CHECKED - SNS

REVISED -

DATE = 1/7/2011

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 NOISE ABATEMENT WALLS
SOIL BORING LOG

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

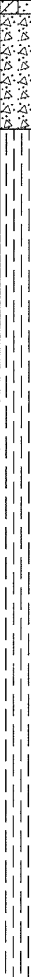
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5R-1	WILL	112	29
CONTRACT NO. 60N86				
ILLINOIS FED. AID PROJECT				

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WEI Job No.: 775-13-01

Client **Ciorba Group, Inc.**
Project **FAI-80 from US 30 to US 45**
Location **Will County**

Datum: NGVD
Elevation: 698.41 ft
North: 1776209.16 ft
East: 1091761.84 ft
Station: 874+29.79
Offset: 66.17 RT

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	688.1	14-inch thick, brown LOAM, some gravel			1	12 10 14	NP	10		670.4	Dense, gray, fine SAND			11	3 5 6	2.71 B	18
		--SHOULDER-- --FILL--			2	5 7 8	6.15 B	11						12	6 8 24	NP	12
	695.4	Medium dense, gray CRUSHED STONE			3	3 4 6	2.46 B	15									
		--SHOULDER-- --BASE COURSE--			4	3 3 5	2.62 B	15						13	13 10 14	4.59 B	18
		Stiff to hard, brown to gray SILTY CLAY, trace gravel	5		5	2 4 4	2.21 B	17			666.4	Hard, gray SILTY CLAY					
					6	2 4 5	1.89 B	17						14	9 8 10	NP	12
			10		7	2 4 5	1.64 B	16			681.4	Medium dense, gray SILTY LOAM, trace gravel					
					8	3 4 7	2.45 B	17									
					9	3 4 5	2.54 B	19			658.4	Boring terminated at 40.00 ft	40				
					10	3 5 7	3.44 B	19									

GENERAL NOTES

Begin Drilling	10-22-2010	Complete Drilling	10-22-2010
Drilling Contractor	K&S	Drill Rig	CME ATV
Driller	T&M	Logger	B. Wilson
		Checked by	C. Marin
Drilling Method	3.25 IDA HSA; Boring backfilled upon completion		

WATER LEVEL DATA

While Drilling		DRY
At Completion of Drilling		DRY
Time After Drilling	NA	
Depth to Water		NA

The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.



BORING LOG NW-8A-03

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WEI Job No.: 775-13-01

Client **Ciorba Group, Inc.**
Project **FAI-80 from US 30 to US 45**
Location **Will County**

Datum: NGVD
Elevation: 694.22 ft
North: 1776288.38 ft
East: 1092031.45 ft
Station: 877+10.77
Offset: 70.31 RT

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type <i>recovery</i>	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type <i>recovery</i>	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
		12-inch thick CRUSHED STONE															
	683.2	--SHOULDER--								688.7	Stiff, gray CLAY LOAM, trace gravel						
		Very stiff, brown CLAY LOAM to SILTY CLAY LOAM		X	1	4 5 7	2.00	17					X	11	4 6 7	1.39	B
		--FILL--								666.2	Medium dense, gray, well-graded SAND, trace gravel						
			5	X	2	4 5 7	3.28	21				30	X	12	14 10 11	NP	
	688.7	Loose, brown SANDY LOAM															
				X	3	2 2 2	NP	31		661.7	Medium dense, brown and gray SILT						
				X	4	2 3 3	NP	24				35	X	13	3 6 18	NP	
	683.2	Stiff to very stiff, gray SILTY CLAY, trace gravel															
				X	5	4 6 7	2.54	15									
			15	X	6	4 6 7	2.71	17		854.2	Boring terminated at 40.00 ft	40	X	14	5 8 9	NP	
				X	7	4 5 6	2.54	17									
			20	X	8	3 5 6	2.95	19				45					
				X	9	3 5 6	2.62	19									
				X	10	5 6 11	1.72	17				50					

GENERAL NOTES

Begin Drilling **10-22-2010** Complete Drilling **10-22-2010**
 Drilling Contractor **K&S** Drill Rig **TMR Diedrich D-50**
 Driller **T&M** Logger **B. Wilson** Checked by **C. Marin**
 Drilling Method **3.25 IDA HSA; Boring backfilled upon completion**

WATER LEVEL DATA

While Drilling		10.50 ft
At Completion of Drilling		23.00 ft
Time After Drilling	NA	
Depth to Water		NA

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WEI Job No.: 775-13-01

Client **Ciorba Group, Inc.**Project **FAI-80 from US 30 to US 45**Location **Will County**

Datum: NGVD
Elevation: 692.04 ft
North: 1776384.61 ft
East: 1092300.07 ft
Station: 879+95.84
Offset: 57.91 RT

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	
	661.82	12-inch thick dark brown CLAY LOAM								666.5	Stiff to very stiff, brown and gray SILTY CLAY, trace to some gravel							
		--TOPSOIL--																
		Stiff to hard, brown and gray CLAY LOAM to SILTY CLAY, trace gravel																
		--FILL--																
			1	4 5 7	6.23 B	16								11	3 4 5	3.94 B	13	
			2	2 7 7	5.74 B	16								12	3 5 6	1.89 B	14	
			3	3 4 5	1.25 P	26												
			4	2 5 3	1.72 B	23								13	8 35 11	3.00 P	19	
			5	3 5 7	3.85 B	23												
			6	2 3 5	1.97 B	23								14	11 24 30	NP	11	
		7	2 4 4	1.80 B	23													
		8	2 3 3	1.80 B	25													
		9	3 9 10	6.31 B	18													
		10	3 10 16	8.28 B	17													
										655.5	Very dense, brown, fine SAND, trace gravel							
										652.0	Boring terminated at 40.00 ft							

GENERAL NOTES

Begin Drilling **11-01-2010** Complete Drilling **11-01-2010**

Drilling Contractor **K&S** Drill Rig **CME ATV**

Driller **T&M** Logger **B. Wilson** Checked by **C. Marin**

Drilling Method **3.25 IDA HSA; Boring backfilled upon completion**

WATER LEVEL DATA

While Drilling		DRY
At Completion of Drilling		DRY
Time After Drilling	NA	
Depth to Water		NA

The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

BORING LOG NW-8A-05

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WEI Job No.: 775-13-01

Client **Ciorba Group, Inc.**

Project **FAI-80 from US 30 to US 45**

Location Will County

Datum: NGVD
Elevation: 688.40 ft
North: 1776475.54 ft
East: 1092594.34 ft
Station: 883+03.84
Offset: 58.16 RT

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	687.3	13-inch thick CONCRETE --PAVEMENT--															
		Dense, gray CRUSHED STONE --BASE COURSE--			1	25 28 11	NP	7						11	6 10 14	8.16 B	17
	685.4	Stiff to hard, brown and gray SILTY CLAY to SILTY CLAY LOAM, trace gravel --FILL--	5		2	6 8 12	5.90 B	15				30		12	8 12 13	7.87 B	18
					3	4 7 10	5.66 B	15									
			10		4	2 6 8	1.23 B	21				35		13	6 7 9	4.26 B	13
					5	4 7 11	3.03 B	14									
			15		6	4 10 11	6.97 B	13				40		14	4 7 12	2.21 B	15
					7	4 4 9	1.80 B	19			648.4	Boring terminated at 40.00 ft					
			20		8	6 9 10	3.69 B	15				45					
	667.9	Very stiff to hard, brown and gray SILTY CLAY			9	3 6 10	3.03 B	22									
			25		10	10 13 18	5.00 B	18				50					

GENERAL NOTES

Begin Drilling **10-25-2010** Complete Drilling **10-25-2010**
 Drilling Contractor **K&S** Drill Rig **TMR Diedrich D-50**
 Driller **T&M** Logger **B. Wilson** Checked by **C. Marin**
 Drilling Method **3.25 IDA HSA: Boring backfilled upon completion**

WATER LEVEL DATA

While Drilling		DRY
At Completion of Drilling		DRY
Time After Drilling	NA	
Depth to Water		NA

The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.



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BORING LOG NW-8A-06

WEI Job No.: 775-13-01

Client **Ciorba Group, Inc.**
Project **FAI-80 from US 30 to US 45**
Location **Will County**

Datum: NGVD
Elevation: 685.17 ft
North: 1776563.40 ft
East: 1092878.06 ft
Station: 886+00.85
Offset: 58.22 RT

Page 1 of 1

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	684.1	13-inch thick CONCRETE --PAVEMENT--															
		Very dense, brown and gray CRUSHED STONE --BASE COURSE--			1	50/5	NP	9						11	8 10 8	1.80 B	23
	682.2	Stiff to very stiff, brown and gray SILTY CLAY, trace gravel --FILL--			2	7 8 12	3.44 B	10		657.2	Stiff to hard, brown and gray SILTY CLAY			12	3 4 6	1.31 B	24
			5		3	5 8 10	3.44 B	13						13	7 11 15	6.23 B	19
			10		4	3 6 9	2.71 B	16						14	7 15 20	5.41 B	18
			15		5	6 8 9	2.46 B	19		645.2	Boring terminated at 40.00 ft	40					
			20		6	4 6 8	2.46 B	19									
			25		7	3 6 11	3.44 S	13									
					8	4 7 11	3.12 B	21									
					9	4 5 7	1.89 B	17									
					10	4 6 11	1.89 S	14									
GENERAL NOTES										WATER LEVEL DATA							
Begin Drilling 10-25-2010 Complete Drilling 10-25-2010										While Drilling DRY							
Drilling Contractor K&S Drill Rig TMR Diedrich D-50										At Completion of Drilling DRY							
Driller T&M Logger B. Wilson Checked by C. Marin										Time After Drilling NA							
Drilling Method 3.25 IDA HSA. Boring backfilled upon completion.										Depth to Water NA							
										The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.							



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BORING LOG NW-11A-01

WEI Job No.: 775-13-01

Client **Ciorba Group, Inc.**
Project **FAI-80 from US 30 to US 45**
Location **Will County**

Datum: NGVD
Elevation: 728.63 ft
North: 1779417.20 ft
East: 1102697.28 ft
Station: 991+14.82
Offset: 325.24 RT

Page 1 of 1

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	727.6	12-inch thick SILTY LOAM --TOPSOIL--															
		Medium dense, brown SILTY LOAM			1	7 11 14	NP	10		700.6	Medium dense, gray SILTY LOAM, trace gravel			11	4 7 8	3.20 B	19
	725.6	Very stiff to hard, brown and gray SILTY CLAY, trace gravel			2	6 13 14	4.50 P	15		698.6	Boring terminated at 30.00 ft	30		12	3 6 7	NP	13
			5		3	4 6 7	2.71 B	16									
			10		4	4 6 8	3.44 B	17									
			15		5	6 10 13	3.12 B	16									
			20		6	4 6 8	2.05 B	14									
			25		4	4 7 10	3.03 B	16									
					8	4 8 8	2.54 B	18									
					9	8 8 11	2.00 P	11									
					10	4 9 11	3.44 B	13									
GENERAL NOTES										WATER LEVEL DATA							
Begin Drilling 10-27-2010 Complete Drilling 10-27-2010										While Drilling DRY							
Drilling Contractor K&S Drill Rig CME ATV										At Completion of Drilling DRY							
Driller T&M Logger B. Wilson Checked by C. Marin										Time After Drilling NA							
Drilling Method 3.25 IDA HSA. Boring backfilled upon completion.										Depth to Water NA							
										The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.							

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WEI Job No.: 775-13-01

Client **Ciorba Group, Inc.**
Project **FAI-80 from US 30 to US 45**
Location **Will County**

Datum: NGVD
Elevation: 729.14 ft
North: 1779584.92 ft
East: 1102905.48 ft
Station: 993+27.05
Offset: 162.64 RT

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type <i>recovery</i>	Sample No.	SPT Values (blows/in)	Cu (tsf)	Moisture Content (%)	Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type <i>recovery</i>	Sample No.	SPT Values (blows/in)	Cu (tsf)	Moisture Content (%)
	728.1	12-inch thick, dark brown SILTY CLAY LOAM			1	4 9 11	NR	11		699.1				11	4 7 11	2.38 B	16
		--TOPSOIL-- Stiff to hard, brown and gray SILTY CLAY, trace gravel			2	8 15 15	> 4.50 P	13						12	9 15 24	3.20 B	15
			5		3	7 15 26	5.33 B	15				Boring terminated at 30.00 ft					
			10		4	4 8 14	5.33 B	16					35				
				5	8 14 14	5.99 B	13										
			15		6	4 7 10	3.44 B	15					40				
				7	4 5 9	1.89 B	14										
			20		8	2 5 10	3.44 B	15					45				
				9	4 7 11	3.20 B	17										
			25		10	4 9 10	3.20 B	14					50				

GENERAL NOTES

Begin Drilling **10-27-2010** Complete Drilling **10-27-2010**
 Drilling Contractor **K&S** Drilling Rig **CME ATV**
 Driller **T&M** Logger **B. Wilson** Checked by **C. Marin**
 Drilling Method **3.25 IDA HSA; Boring backfilled upon completion**

WATER LEVEL DATA

While Drilling		DRY
At Completion of Drilling		DRY
Time After Drilling	NA	
Depth to Water		NA

The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.



BORING LOG NW-11A-03

Page 1 of 1

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WEI Job No.: 775-13-01

Client **Ciorba Group, Inc.**
Project **FAI-80 from US 30 to US 45**
Location **Will County**

Datum: NGVD
Elevation: 725.17 ft
North: 1779608.54 ft
East: 1103196.62 ft
Station: 996+18.68
Offset: 146.13 RT

[illegible]

GENERAL NOTES

Begin Drilling **10-28-2010** Complete Drilling **10-28-2010**
Drilling Contractor **K&S** Drill Rig **CME ATV**
Driller **T&M** Logger **C. Marin** Checked by **E. Datz**
Drilling Method **3.25 IDA HSA: Boring backfilled upon completion**

WATER LEVEL DATA

While Drilling		DRY
At Completion of Drilling		DRY
Time After Drilling	NA	
Depth to Water		NA

The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.



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BORING LOG NW-11A-05

WEI Job No.: 775-13-01

Client	Ciorba Group, Inc.
Project	FAI-80 from US 30 to US 45
Location	Will County

Datum: NGVD
Elevation: 722.76 ft
North: 1779656.29 ft
East: 1103812.67 ft
Station: 1002+35.70
Offset: 113.44 RT

[illegible]

GENERAL NOTES				WATER LEVEL DATA	
Begin Drilling	10-29-2010	Complete Drilling	10-29-2010	While Drilling	▽ DRY
Drilling Contractor	K&S	Drill Rig	CME ATV	At Completion of Drilling	▽ DRY
Driller	T&M	Logger	B. Wilson	Time After Drilling	NA
Checked by	C. Marin	Drilling Method	3.25 IDA HSA; Boring backfilled upon completion		
				Depth to Water	▽ NA
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.					

wangeng@wangeng.com
1145 N Main Street
Lombard, IL 60148
Telephone: 630-953-9928
Fax: 630-953-9938

WEI Job No.: 775-13-01

Client **Ciorba Group, Inc.**
Project **FAI-80 from US 30 to US 45**
Location **Will County**

Datum: NGVD
Elevation: 720.92 ft
North: 1779660.78 ft
East: 1104099.07 ft
Station: 1005+22.34
Offset: 115.91 RT

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type <i>recovery</i>	Sample No.	SPT Values (blows/in)	Qu (tsf)	Moisture Content (%)	Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type <i>recovery</i>	Sample No.	SPT Values (blows/in)	Qu (tsf)	Moisture Content (%)
	720.46	720.46-inch thick, black SILTY CLAY --TOPSOIL-- Medium stiff to hard, brown and gray SILTY CLAY, trace gravel			1	2 2 5	1.50 P	30		690.9	Boring terminated at 30.00 ft	30		11	3 5 7	4.02 B	14
			5		2	2 4 8	3.77 B	23						12	3 4 8	3.20 B	15
					3	3 3 3	0.74 B	22									
			10		4	3 5 7	2.62 B	17				35					
					5	5 7 15	7.87 B	16									
			15		6	4 5 9	4.92 B	14				40					
					7	2 6 8	3.00 P	14									
			20		8	2 5 5	2.62 B	13				45					
					9	2 3 5	2.21 B	14									
			25		10	3 5 10	2.50 B	18				50					

GENERAL NOTES				WATER LEVEL DATA		
Begin Drilling	10-29-2010	Complete Drilling	10-29-2010	While Drilling	☒	DRY
Drilling Contractor	K&S	Drill Rig	CME ATV	At Completion of Drilling	☒	DRY
Driller	T&M	Logger	B. Wilson	Time After Drilling	NA	
Drilling Method	3.25 IDA HSA; Boring backfilled upon completion			Depth to Water	☒	NA
The stratification lines represent the approximate boundary between the soil types; the exact location of the boundary is not guaranteed.						

BORING LOG NW-11A-07

wangeng@wangeng.com
1145 N Main Street
Lombard, IL 60148
Telephone: 630-953-9928
Fax: 630-953-9938

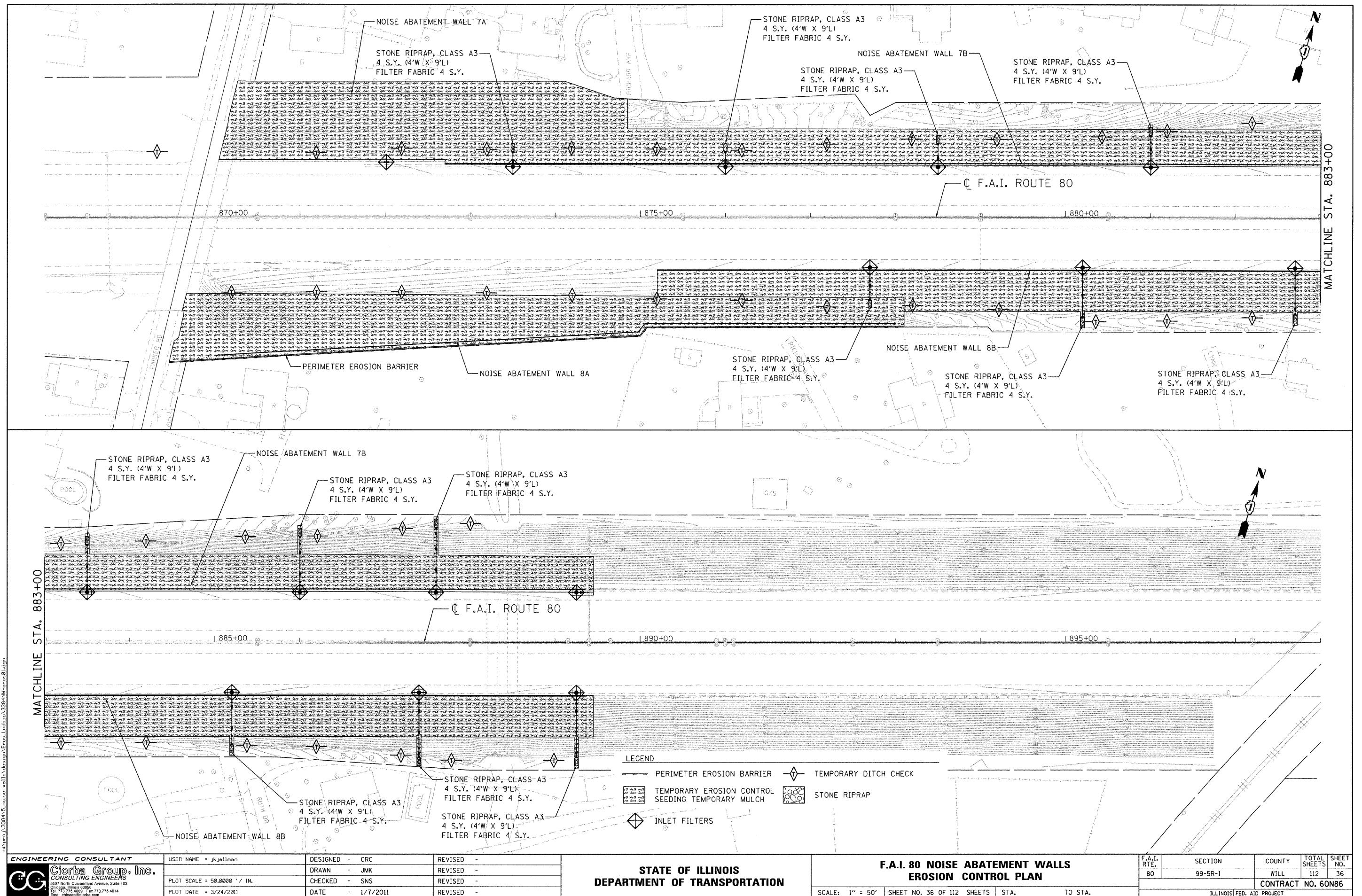
WEI Job No.: 775-13-01

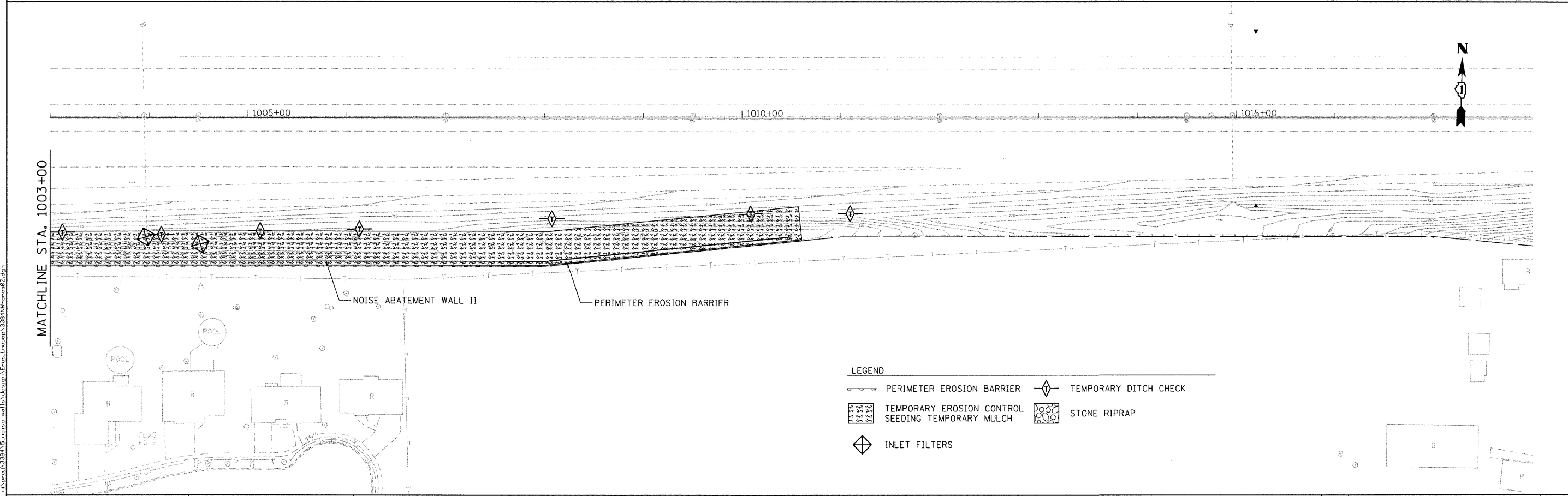
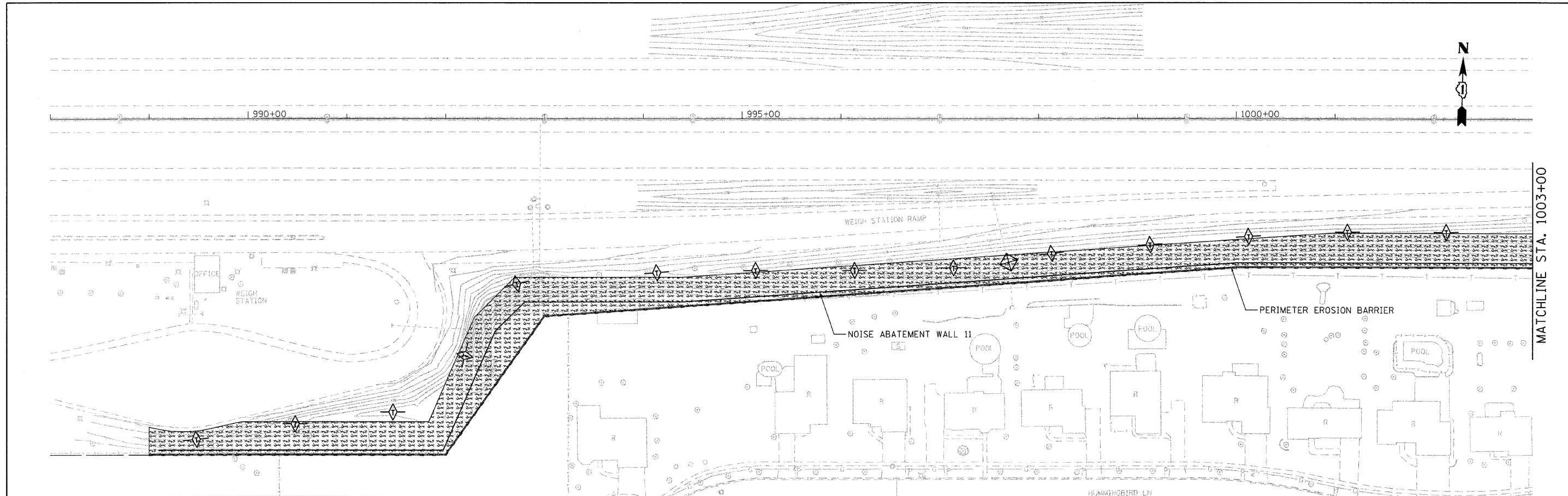
Client **Ciorba Group, Inc.**
Project **FAI-80 from US 30 to US 45**
Location **Will County**

Datum: NGVD
Elevation: 720.90 ft
North: 1779683.18 ft
East: 1104406.35 ft
Station: 1008+29.86
Offset: 101.01 RT

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type <i>recovery</i>	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	720.46	720.46-inch thick, brown SILTY CLAY --TOPSOIL-- Stiff to hard, brown and gray SILTY CLAY, trace gravel			1	3 6 6	3.12 B	17
			5		2	5 7 10	5.00 B	16
					3	5 8 10	NR	
			10		4	2 3 4	1.23 B	15
					5	3 4 7	2.54 B	14
			15		6	3 4 8	2.75 P	14
					7	2 5 7	3.36 B	16
			20		8	3 4 7	3.03 B	16
					9	2 3 6	1.89 B	15
			25		10	3 4 7	2.62 B	13
	690.9	Boring terminated at 30.00 ft	30		11	3 4 8	3.94 B	17
					12	3 4 9	4.43 B	17

GENERAL NOTES				WATER LEVEL DATA	
Begin Drilling	10-29-2010	Complete Drilling	10-29-2010	While Drilling	☐ DRY
Drilling Contractor	K&S	Drill Rig	CME ATV	At Completion of Drilling	☑ DRY
Driller	T&M	Logger	B. Wilson	Time After Drilling	NA
Checked by	C. Marin	Drilling Method	3.25 IDA HSA: Boring backfilled upon completion.		
				Depth to Water	☑ NA
				The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.	





LEGEND

- PERIMETER EROSION BARRIER
- TEMPORARY EROSION CONTROL SEEDING TEMPORARY MULCH
- INLET FILTERS
- TEMPORARY DITCH CHECK
- STONE RIPRAP

ENGINEERING CONSULTANT
Clorba Group, Inc.
 CONSULTING ENGINEERS
 2607 North Cumberland Avenue, Suite 402
 Chicago, Illinois 60656
 Tel: 773.775.4009 Fax: 773.775.4014
 Email: clorba@clorba.com

USER NAME = jkjemmen
 PLOT SCALE = 50.0000' / 1" IN.
 PLOT DATE = 3/24/2011

DESIGNED - CRC
 DRAWN - JMK
 CHECKED - SNS
 DATE - 1/7/2011

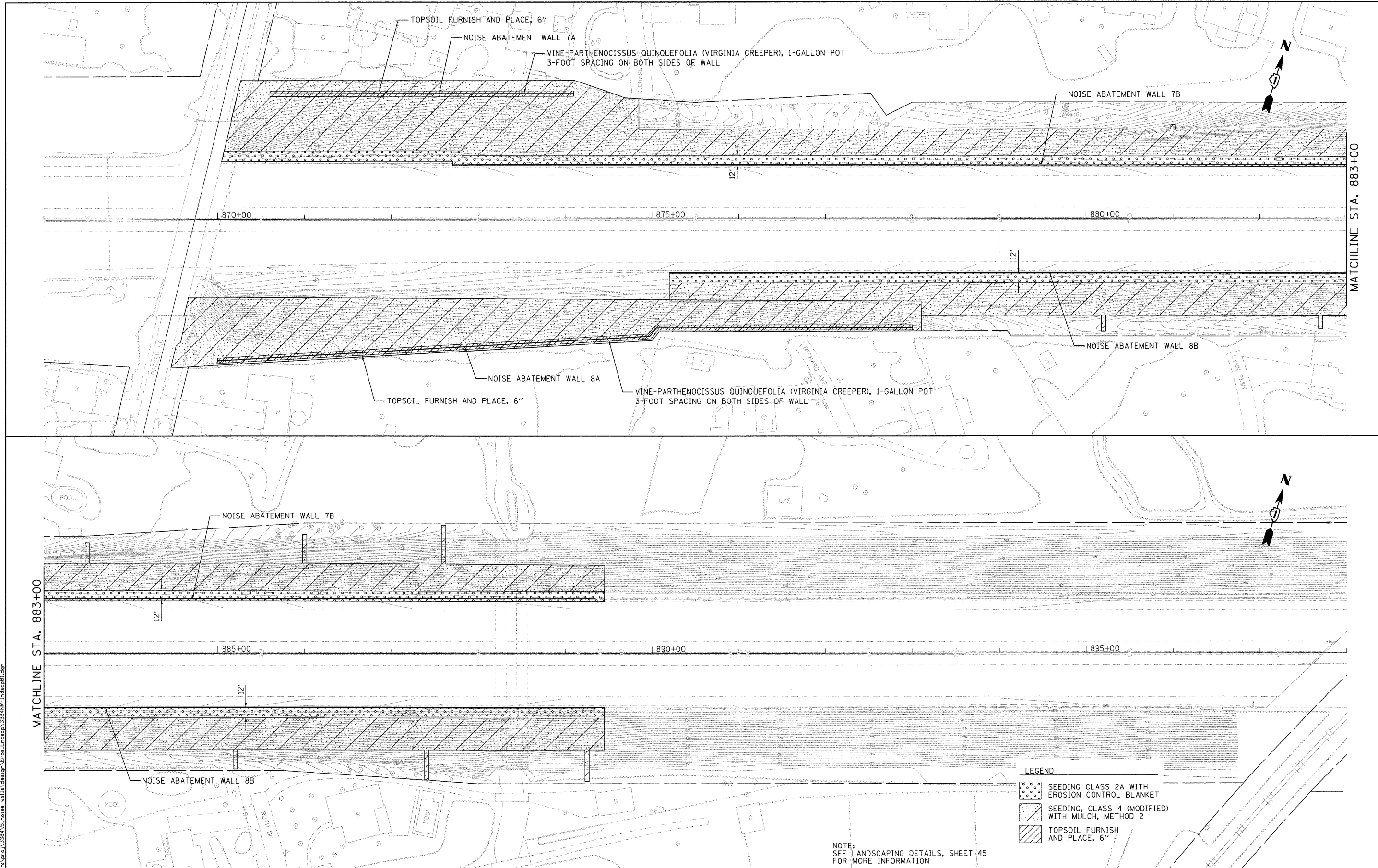
REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. NOISE ABATEMENT WALLS
EROSION CONTROL PLAN

SCALE: 1" = 50' SHEET NO. 37 OF 112 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-SR-1	WILL	112	37
CONTRACT NO. 60N86				
ILLINOIS FED. AID PROJECT				



ENGINEERING CONSULTANT

Clorba Group, Inc.
CONSULTING ENGINEERS
1587 North Cumberland Avenue, Suite 402
Chicago, Illinois 60642
Tel: 773-775-4000 Fax: 773-775-4014
Email: clorba@clorba.com

USER NAME = jkellman

PLOT SCALE = 50.0000' / IN.

PLOT DATE = 3/24/2011

DESIGNED - CRC

DRAWN - JMK

CHECKED - SNS

DATE - 1/7/2011

REVISED -

REVISED -

REVISED -

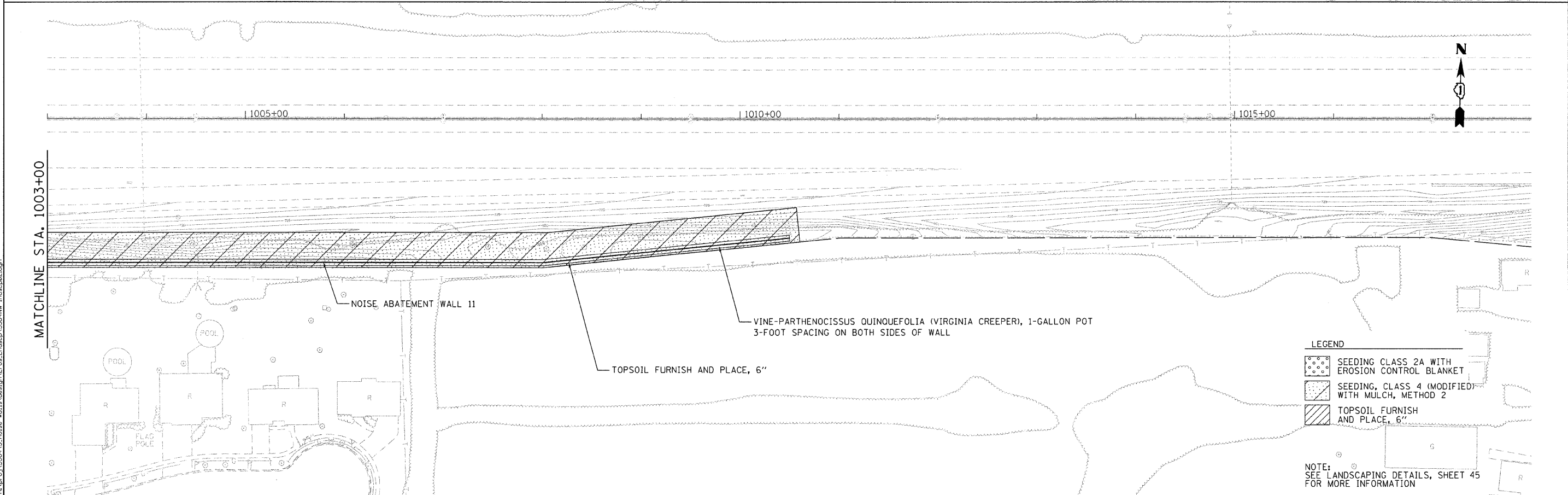
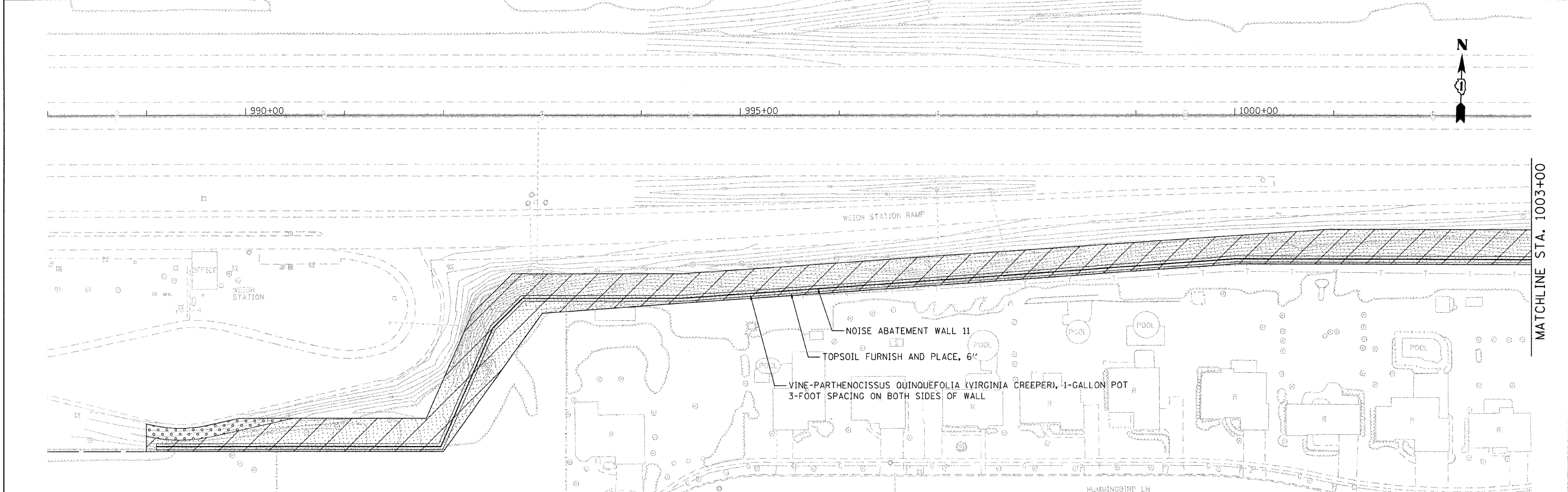
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 NOISE ABATEMENT WALLS
LANDSCAPING PLAN

SCALE: 1" = 50' SHEET NO. 38 OF 112 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-SR-1	WILL	112	38
CONTRACT NO. 60N86				
ILLINOIS FED. AID PROJECT				



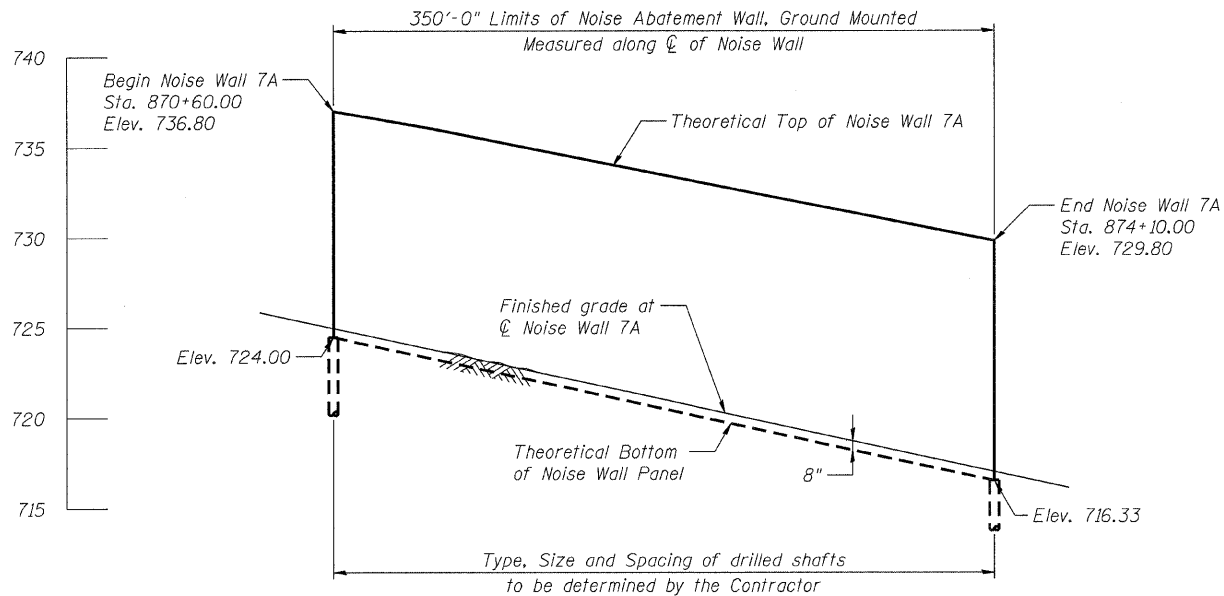
LEGEND

- SEEDING CLASS 2A WITH EROSION CONTROL BLANKET
- SEEDING, CLASS 4 (MODIFIED) WITH MULCH, METHOD 2
- TOPSOIL FURNISH AND PLACE, 6"

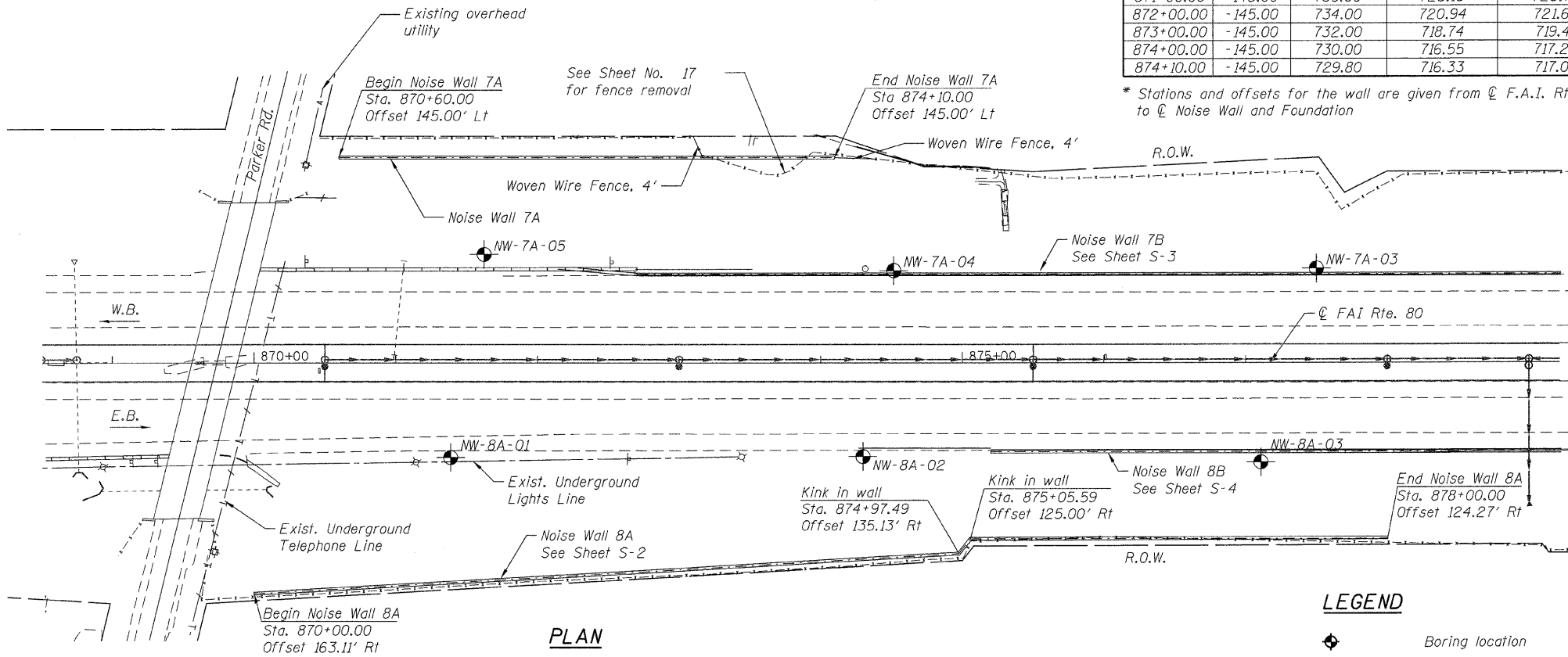
NOTE:
SEE LANDSCAPING DETAILS, SHEET 45
FOR MORE INFORMATION

ENGINEERING CONSULTANT		USER NAME = jkjemman	DESIGNED - CRC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. NOISE ABATEMENT WALLS LANDSCAPING PLAN				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
 Clorba Group, Inc. CONSULTING ENGINEERS 1507 North Cumberland Avenue, Suite 102 Chicago, Illinois 60654 Tel: 773.773.4009 Fax: 773.773.4014 Email: chicago@clorba.com		PLOT SCALE = 50.0000 ' / 1" IN.	DRAWN - JMK	REVISED -						80	99-5R-1	WILL	112	39
		PLOT DATE = 3/24/2011	CHECKED - SNS	REVISED -		CONTRACT NO. 60N86								
			DATE = 1/7/2011	REVISED -		ILLINOIS FED. AID PROJECT								
		SCALE: 1" = 50'		SHEET NO. 39 OF 112 SHEETS		STA. TO STA.								

Benchmark: BM 18-chiseled in South edge of concrete shoulder at stamped station 875+00, Elev. 699.89
BM 29 - chiseled square south edge of concrete merge ramp from weight station at stamped station 1010+00, Elev. 725.36
Existing structure: None
Staging: See MOT plans



ELEVATION - NOISE WALL 7A
(Looking North)



PLAN

LEGEND

◆ Boring location

NOTES:

1. Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60.
2. All reinforcement including the welded wire fabric shall be Epoxy Coated.
3. Welded wire fabric shall be according to AASHTO M 55.
4. Anchor bolts shall conform to ASTM F 1554 Grade 55 or 105.
5. The Contractor shall verify and consider the location of existing and proposed drainage structures, overhead and underground utilities prior to wall construction. Any damage to utilities to be repaired at the contractor's expense.
6. Existing fence along the ROW shall remain, except as noted. Any damage to the fence shall be repaired by the Contractor at no additional expense to the Department.
7. See sheet S-2 for wall 8A elevation and for Noise Wall 7A, 8A & 11 typical section.
8. The stresses developed in the Precast Panels and Posts during shipping, storage, transportation and erection shall be accounted for. It is the responsibility of the Contractor to provide additional reinforcement or bracing if necessary to address these items, subject to approval by the Engineer. Cost included with Noise Abatement Wall (ground mounted or structure mounted accordingly).
9. See Geotechnical Report for geotechnical recommendations.
10. Slip forming of the Concrete Barrier Support System will not be allowed.
11. Top of walls shall have 1'-0" concrete coping. All walls shall have proper, aesthetically pleasing end treatments. Cost included with Noise Abatement Wall (ground mounted or structure mounted accordingly).

WALL 7A INFORMATION

Station *	Offset *	Theoretical Top of Wall	Theoretical Bottom of Wall	Proposed Grade Elev. at front face
870+60.00	-145.00	736.80	724.00	724.67
871+00.00	-145.00	736.00	723.13	723.79
872+00.00	-145.00	734.00	720.94	721.60
873+00.00	-145.00	732.00	718.74	719.41
874+00.00	-145.00	730.00	716.55	717.22
874+10.00	-145.00	729.80	716.33	717.00

* Stations and offsets for the wall are given from $\angle$ F.A.I. Rte. 80 to $\angle$ Noise Wall and Foundation

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Noise Abatement Wall, Ground Mounted	Sq. Ft.	50,750
Noise Abatement Wall, Structure Mounted	Sq. Ft.	35,320
Barrier Support Structure for Noise Abatement Wall	Ft.	3,080

INDEX OF SHEETS

- S-1 General Plan - Noise Abatement Walls 7A & 8A
- S-2 Elevation - Wall 8A
- S-3 General Plan - Noise Abatement Walls 7B & 8B
- S-4 Details - Walls 7B & 8B
- S-5 General Plan and Elevation - Noise Abatement Wall 11

DESIGN STRESSES

FIELD UNITS

f'_c = 3,500 psi
 f_y = 60,000 psi (Reinforcement)
 f_y = 36,000 psi (M270 Grade 36) Min.

PRECAST UNITS

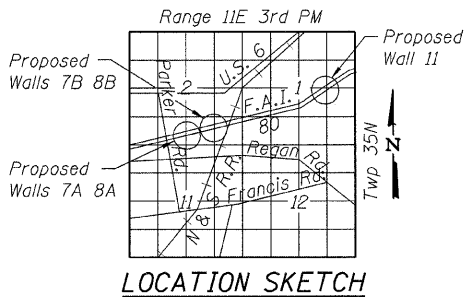
f'_c = 4,500 psi (min.)
 f_y = 60,000 psi (Reinforcement)
 f_y = 65,000 psi (Welded Wire Fabric)

LOADING

Wind Load on Noise Walls 35 psf
(See Special Provision)

DESIGN SPECIFICATIONS

AASHTO 2002 Standard Specifications for Highway Bridges
AASHTO 1989 Guide Specifications for Structural Design of Sound Barriers, with Interims

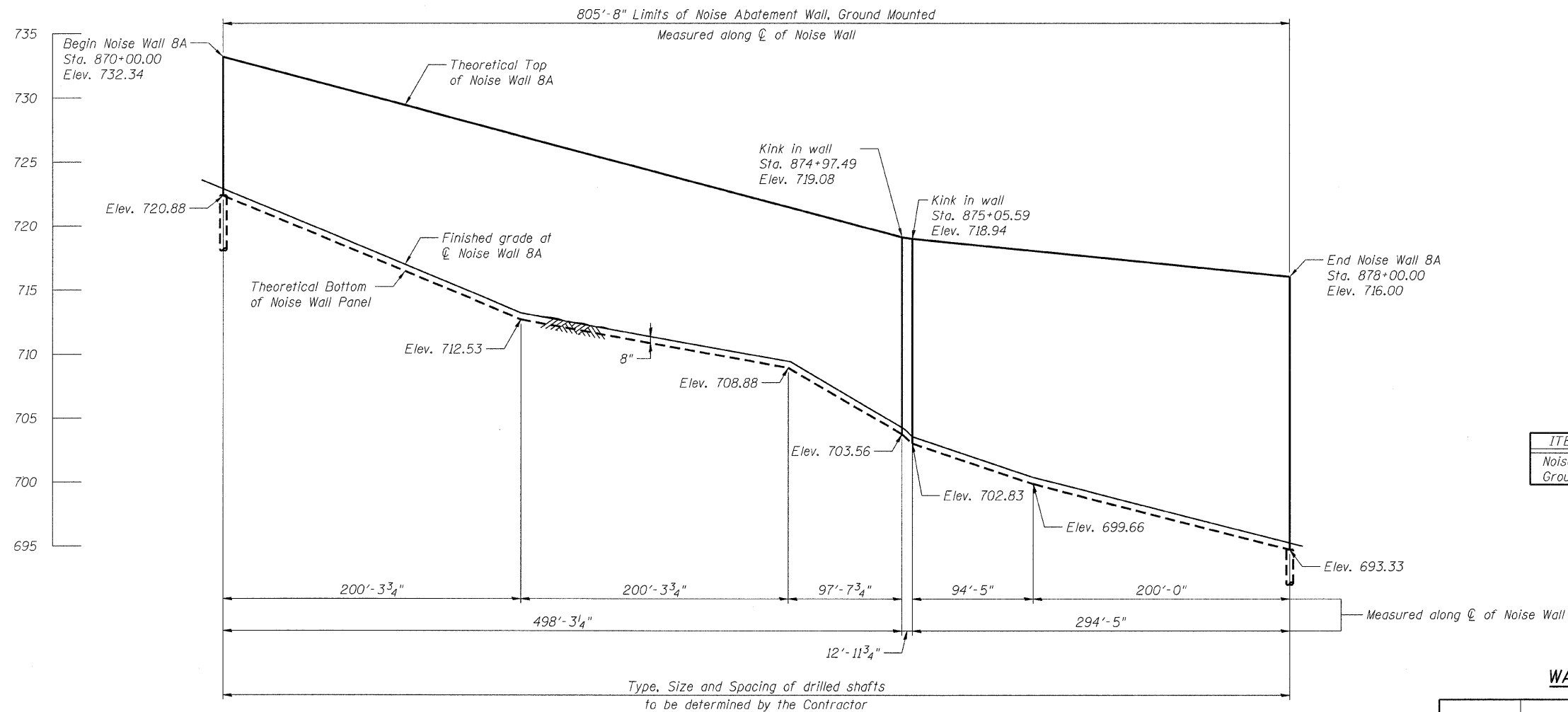


LOCATION SKETCH

GENERAL PLAN
NOISE ABATEMENT WALLS 7A & 8A
F.A.I. RTE. 80 - SEC 99-5R-1
WILL COUNTY
STA. 869+67.65 TO STA. 878+00.00

USER NAME = jkellman	DESIGNED - EKM	REVISED -
PLOT SCALE = 50' / IN.	CHECKED - AMK	REVISED -
PLOT DATE = 3/24/2011	DRAWN - RD	REVISED -
	CHECKED - EKM	REVISED -

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5R-1	WILL	112	40
CONTRACT NO. 60N86				
ILLINOIS FED. AID PROJECT				



BILL OF MATERIAL
Total for walls 7A and 8A

ITEM	UNIT	TOTAL
Noise Abatement Wall, Ground Mounted	Sq. Ft.	17,250

WALL 8A INFORMATION

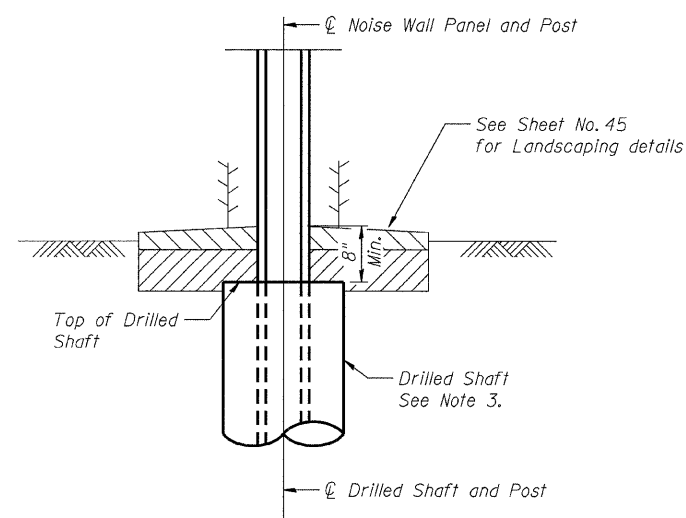
Station *	Offset *	Theoretical Top of Wall	Theoretical Bottom of Wall	Proposed Grade Elev. at front face
870+00.00	163.11	732.34	720.88	721.55
871+00.00	157.49	729.67	716.71	717.38
872+00.00	151.86	727.01	712.53	713.20
873+00.00	146.24	724.34	710.71	711.38
874+00.00	140.61	721.68	708.88	709.55
874+97.49	135.13	719.08	703.56	704.23
875+00.00	131.99	719.04	703.34	704.00
875+05.59	125.00	718.94	702.83	703.50
876+00.00	124.77	718.00	699.66	700.33
877+00.00	124.52	717.00	696.50	697.17
878+00.00	124.27	716.00	693.33	694.00

* Stations and offsets for the wall are given from $\mathcal{C}$ F.A.I. Rte. 80
to $\mathcal{C}$ Noise Wall and Foundation

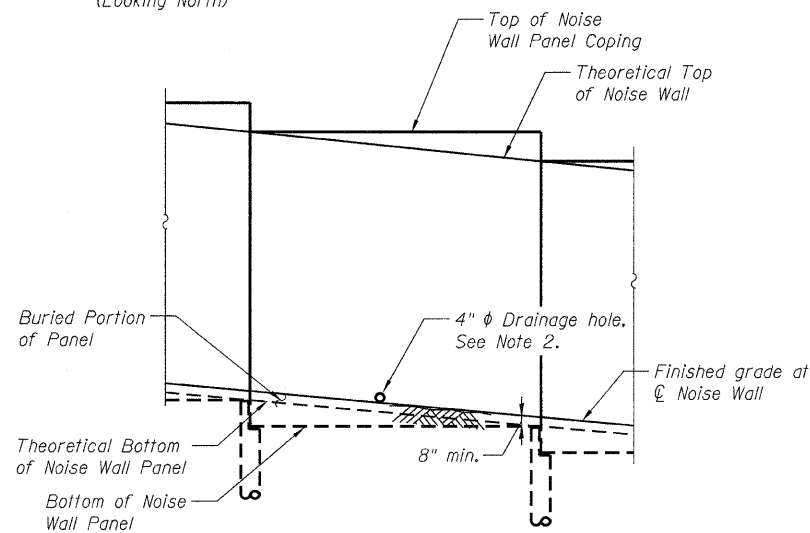
NOTES:

- See sheet S-1 for Wall 8A plan view. See Sheet S-5 for Wall 11 plan and elevation.
- 4" ϕ drainage holes shall be field drilled through wall panels as required to facilitate surface drainage with a maximum of one hole per panel. Location to be determined by the Engineer. Cost included with Noise Abatement Wall, Ground Mounted.
- Type, size and spacing of posts, noise wall panels, drilled shaft size and embedment length, reinforcement details, lifting bars and wall limits including top and bottom of wall shall be determined by Contractor. Cost included with Noise Abatement Wall, Ground Mounted.

ELEVATION - WALL 8A
(Looking North)



TYPICAL SECTION
Walls 7A, 8A & 11



TYPICAL PANEL ELEVATION
Walls 7A, 8A & 11

N:\PROJ\3384\5-Noise Walls\Design\Structural\CAD\02 Noise wall 8A.dgn



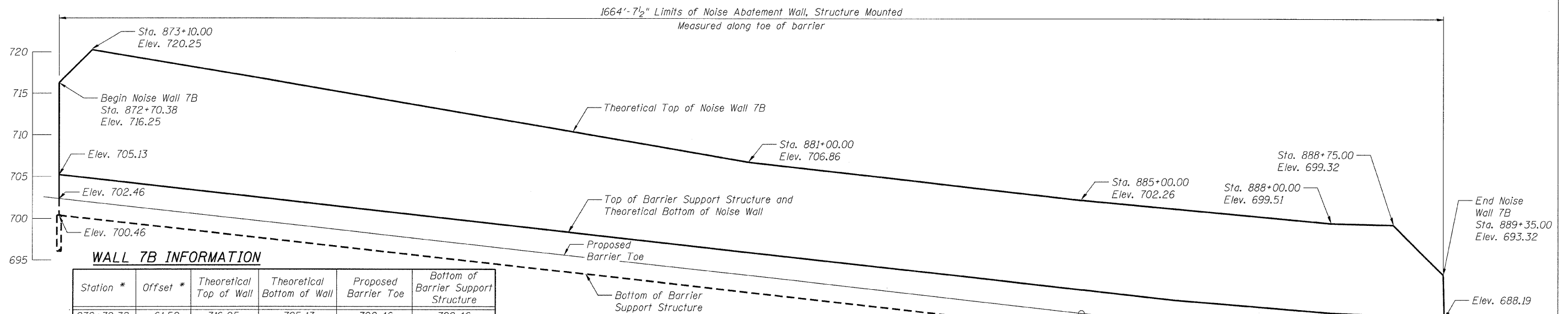
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	CHECKED - AMK	REVISED -
PLOT SCALE = 50' / 1" IN.	DRAWN - RD	REVISED -
PLOT DATE = 3/24/2011	CHECKED - EKM	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ELEVATION - WALL 8A
STA. 870+00.00 TO STA. 878+00.00

SHEET NO. S-2 OF S-5 SHEETS

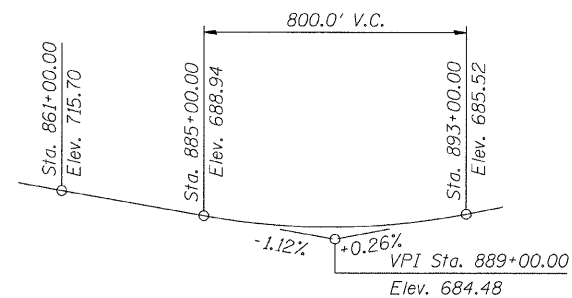
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5R-1	WILL	112	41
CONTRACT NO. 60N86				
[ILLINOIS] FED. AID PROJECT				



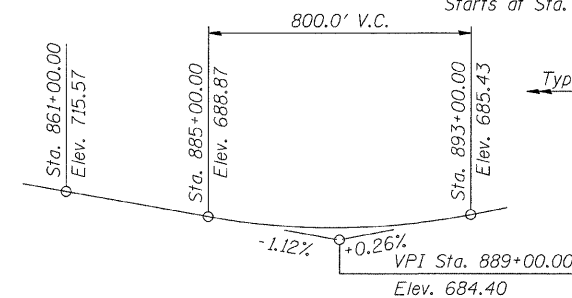
WALL 7B INFORMATION

Station *	Offset *	Theoretical Top of Wall	Theoretical Bottom of Wall	Proposed Barrier Toe	Bottom of Barrier Support Structure
872+70.38	-61.50	716.25	705.13	702.46	700.46
873+00.00	-61.50	719.24	704.80	702.13	700.13
873+10.00	-61.50	720.25	704.69	702.02	700.02
874+00.00	-61.50	718.73	703.68	701.02	699.02
875+00.00	-61.50	717.03	702.57	699.90	697.90
876+00.00	-61.50	715.34	701.45	698.79	696.79
877+00.00	-61.50	713.64	700.34	697.67	695.67
878+00.00	-61.50	711.95	699.22	696.56	694.56
879+00.00	-61.50	710.25	698.11	695.44	693.44
880+00.00	-61.50	708.56	696.99	694.33	692.33
881+00.00	-61.50	706.86	695.88	693.21	691.21
882+00.00	-61.50	705.17	694.76	692.10	690.10
883+00.00	-61.50	704.56	693.65	690.98	688.98
884+00.00	-61.50	703.41	692.53	689.87	687.87
885+00.00	-61.50	702.26	691.42	688.75	686.75
886+00.00	-61.50	701.34	690.39	687.72	685.72
887+00.00	-61.50	700.43	689.53	686.86	684.86
888+00.00	-61.50	699.51	688.85	686.18	684.18
888+75.00	-61.50	699.32	688.44	685.78	683.78
889+00.00	-61.50	696.82	688.33	685.67	683.67
889+35.00	-61.50	693.32	688.19	685.53	683.53

ELEVATION - NOISE WALL 7B (Looking North)

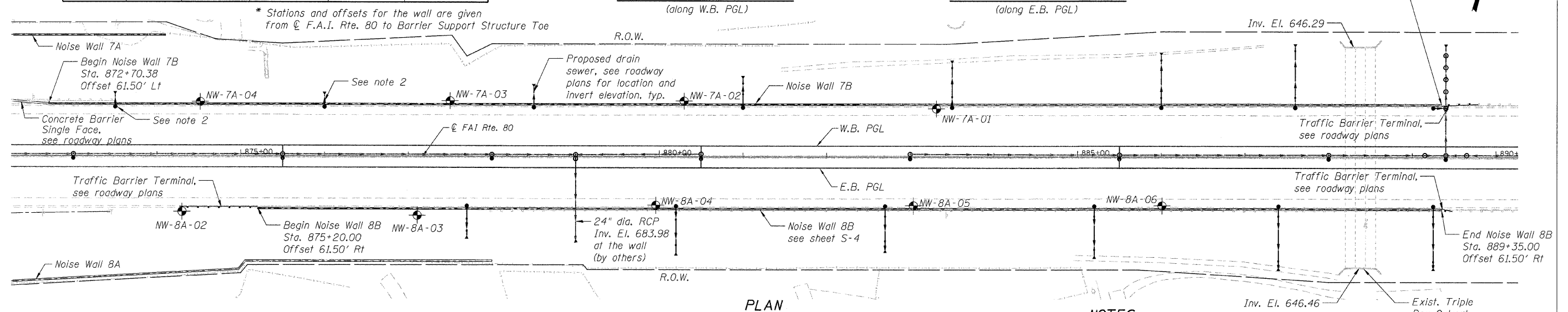


EXIST. PROFILE GRADE (along W.B. PGL)



EXIST. PROFILE GRADE (along E.B. PGL)

Type, Size and Spacing of drilled shafts to be determined
by the Contractor



PLAN

LEGEND

◆ Boring location

NOTES:

- See Sheet S-4 for Noise Wall 7B & 8B typical section.
- In locations where the storm sewer is less than 2 feet below the ground the barrier support structure shall be designed to accommodate the pipe.
- The barrier support structure and the foundation may need a special design over the existing culvert. Any damage to the existing culvert will be repaired by the Contractor at no cost to the Department.

N:\PROJ\3384\5.Noise Walls\Design\Structural\CAD\03 Noise wall 7B.dgn



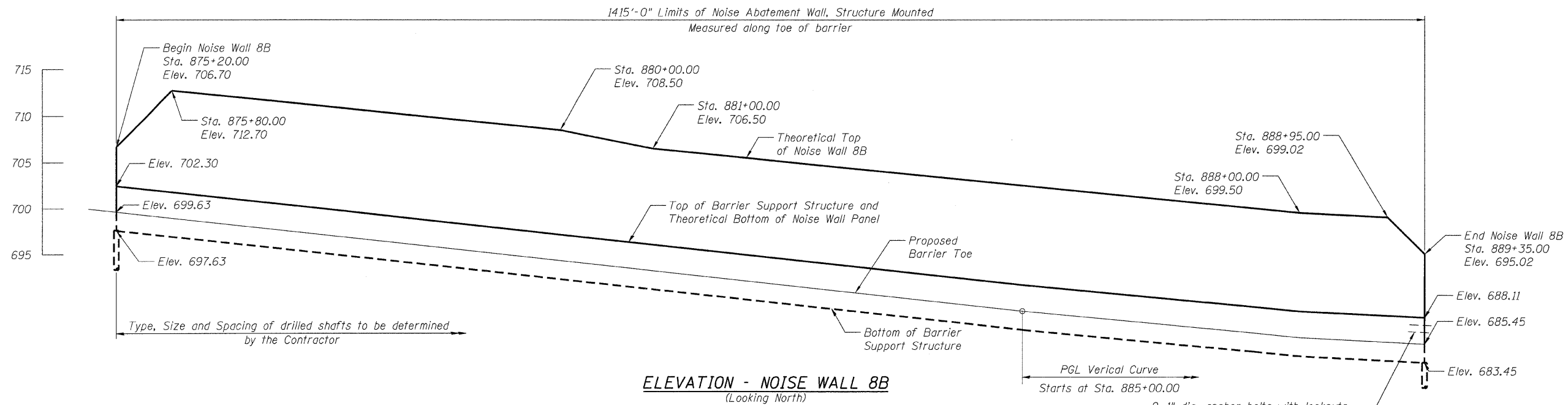
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PLOT DATE = 3/24/2011	DRAWN - RD	REVISED -
	CHECKED - EKM	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

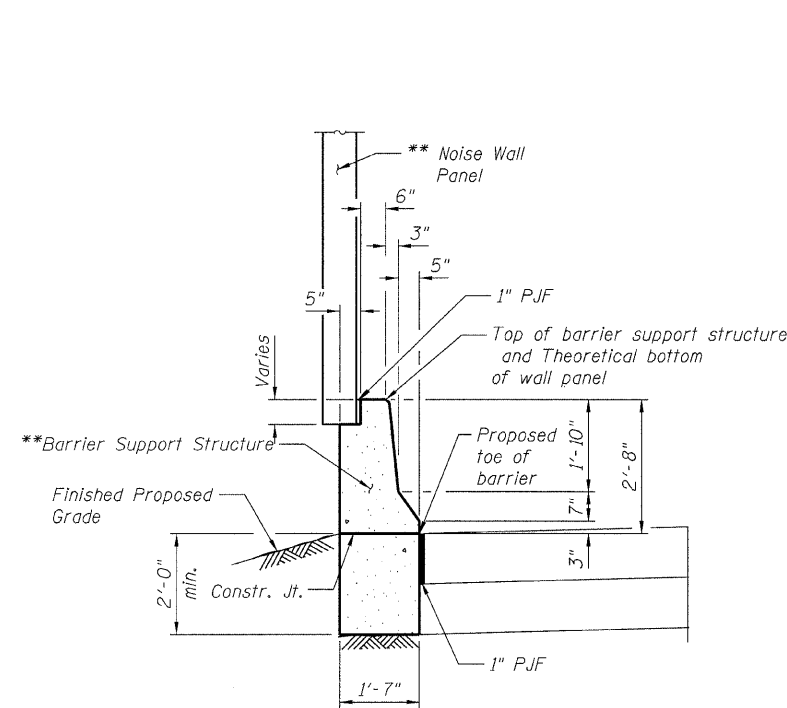
GENERAL PLAN - NOISE ABATEMENT WALLS 7B & 8B
STA. 872+70.38 TO STA. 889+35.00

SHEET NO. S-3 OF S-5 SHEETS

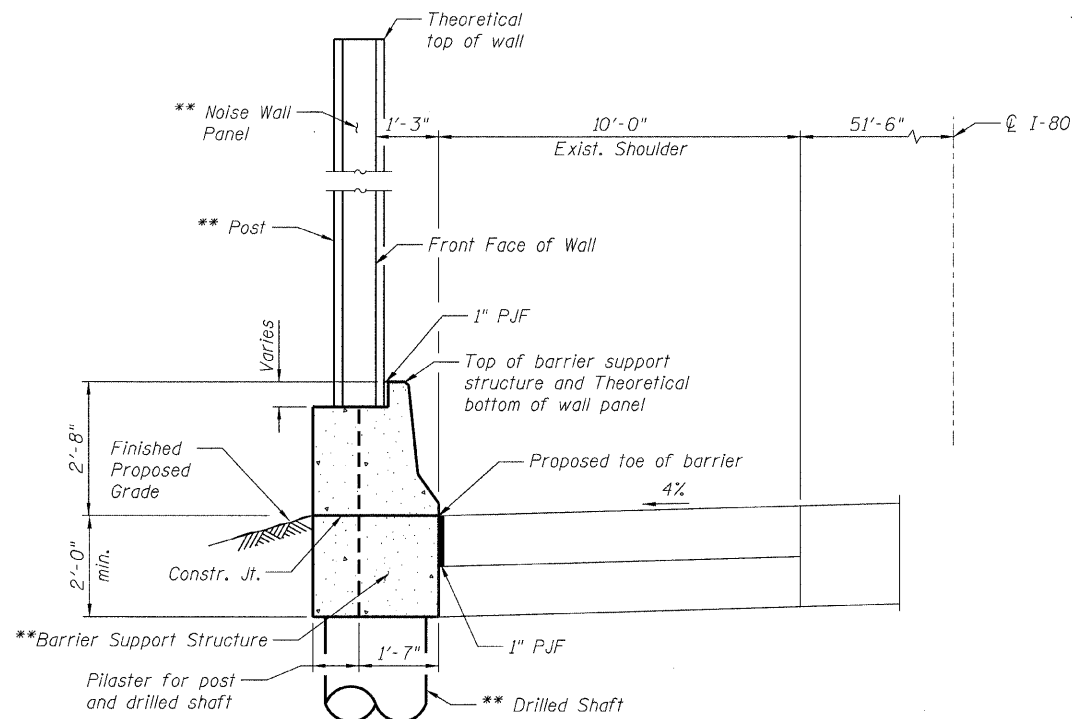
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5R-1	WILL	112	42
CONTRACT NO. 60N86			ILLINOIS FED. AID PROJECT	



ELEVATION - NOISE WALL 8B
(Looking North)



SECTION THRU BARRIER AND PANEL



SECTION AT POST AND DRILLED SHAFT

TYPICAL SECTIONS - WALLS 7B AND 8B

** Type, size & spacing of posts, noise wall panels, drilled shaft size, spacing and embedment length, reinforcement details for Barrier Support Structure and all connections to be determined by contractor.

WALL 8B INFORMATION

Station *	Offset *	Theoretical Top of Wall	Theoretical Bottom of Wall	Proposed Barrier Toe	Bottom of Barrier Support Structure
875+20.00	61.50	706.70	702.30	699.63	697.63
875+80.00	61.50	712.70	701.63	698.96	696.96
876+00.00	61.50	712.50	701.40	698.74	696.74
877+00.00	61.50	711.50	700.29	697.62	695.62
878+00.00	61.50	710.50	699.17	696.50	694.50
879+00.00	61.50	709.50	698.05	695.39	693.39
880+00.00	61.50	708.50	696.93	694.27	692.27
881+00.00	61.50	706.50	695.82	693.15	691.15
882+00.00	61.50	705.50	694.70	692.03	690.03
883+00.00	61.50	704.50	693.58	690.92	688.92
884+00.00	61.50	703.50	692.46	689.80	687.80
885+00.00	61.50	702.50	691.35	688.68	686.68
886+00.00	61.50	701.50	690.32	687.65	685.65
887+00.00	61.50	700.50	689.46	686.79	684.79
888+00.00	61.50	699.50	688.77	686.10	684.10
888+95.00	61.50	699.02	688.27	685.61	683.61
889+00.00	61.50	698.52	688.25	685.59	683.59
889+35.00	61.50	695.02	688.11	685.45	683.45

* Stations and offsets for the wall are given from
@ F.A.I. Rte. 80 to Barrier Support Structure Toe

NOTES:

- The barrier support structure shall be designed to satisfy all loads specified in Special Provision "Barrier Support Structure for Noise Abatement Wall".
- Cost of Structure excavation, drilled shafts, concrete, reinforced bars and other elements for barrier structures supporting Noise Walls 7B and 8B is included with Barrier Support Structure for Noise Abatement Wall.
- Cost of shoulder removal and reconstruction required for the barrier support structure construction is included with Barrier Support Structure for Noise Abatement Wall.
- Protective coat shall be applied to the top and inside vertical faces of the Concrete Barrier. The cost is included with Barrier Support Structure for Noise Abatement Wall.

BILL OF MATERIAL

Total for walls 7B and 8B

ITEM	UNIT	TOTAL
Noise Abatement Wall, Structure Mounted	Sq. Ft.	35,320
Barrier Support Structure for Noise Abatement Wall	Ft.	3,080

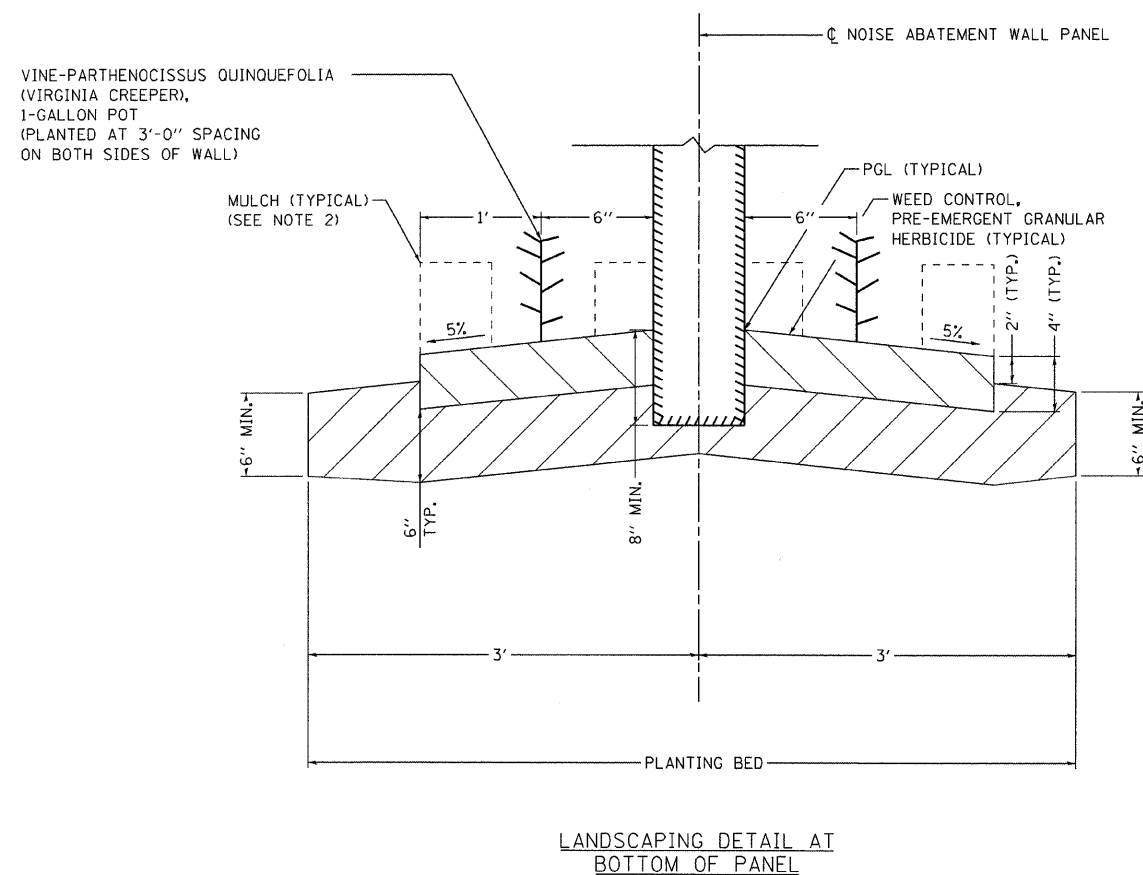
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETAILS - WALLS 7B & 8B
STA. 872+70.38 TO STA. 889+35.00**

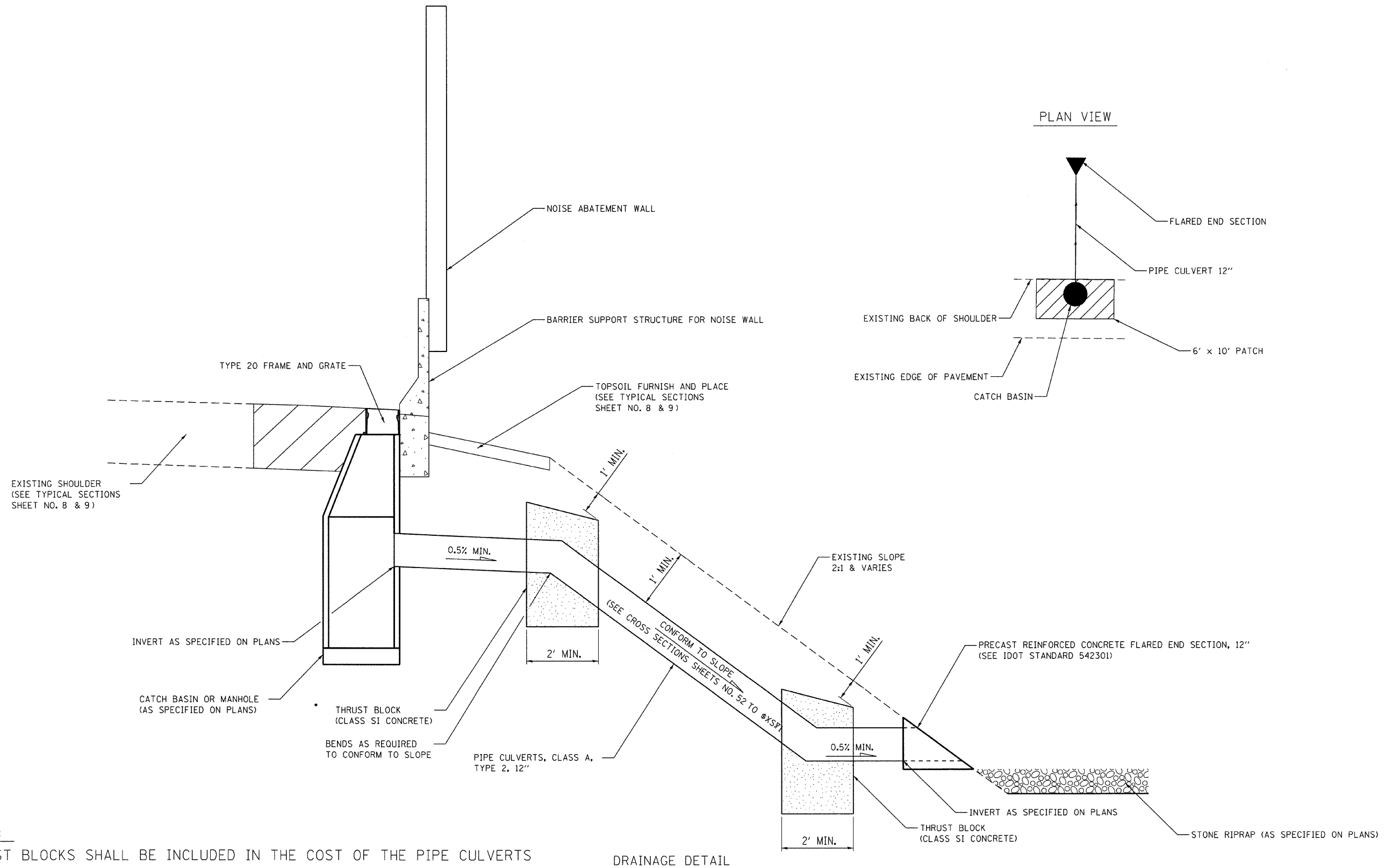
SHEET NO. S-4 OF S-5 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5R-1	WILL	112	43
CONTRACT NO. 60N86				
ILLINOIS FED. AID PROJECT				

USER NAME = jkellman	DESIGNED - EKM	REVISED -
PLOT SCALE = 60' / IN.	CHECKED - AMK	REVISED -
PLOT DATE = 3/24/2011	DRAWN - RD	REVISED -
	CHECKED - EKM	REVISED -



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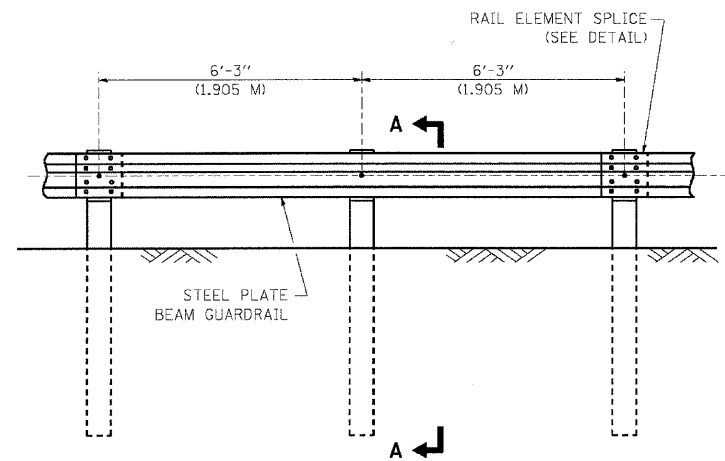


NOTES:

- THRUST BLOCKS SHALL BE INCLUDED IN THE COST OF THE PIPE CULVERTS
- ELBOWS SHALL BE MEASURED ALONG CULVERT AND PAID FOR AS PIPE CULVERTS OF THE CLASS, TYPE AND SIZE AS SHOWN IN THE PLANS.

DRAINAGE DETAIL

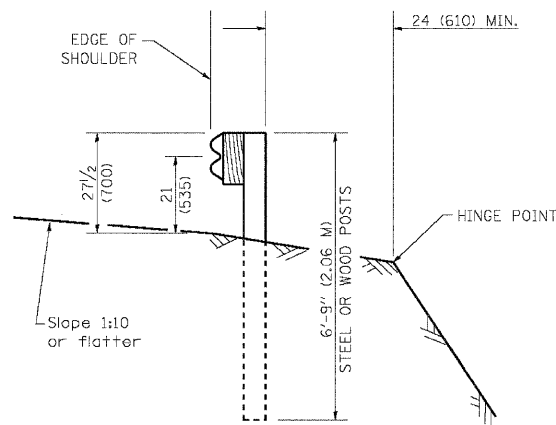
ENGINEERING CONSULTANT Clorba Group, Inc. CONSULTING ENGINEERS 5457 North Cicero Avenue, Suite 402 Chicago, Illinois 60630 Tel: 773.775.4200 Fax: 773.775.4014 Email: chicago@clorba.com	USER NAME = jkellman	DESIGNED - CRC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-80 NOISE ABATEMENT WALLS DRAINAGE CONNECTIONS DETAILS				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1.0000" = 1' IN.	DRAWN - JMK	REVISED -						80	99-5R-1	WILL	112	46
	PLOT DATE = 2/15/2011	CHECKED - SNS	REVISED -		CONTRACT NO. 60N86				ILLINOIS FED. AID PROJECT				
		DATE - 1/7/2011	REVISED -		SCALE: N.T.S.	SHEET NO.	OF	SHEETS	STA.	TO STA.			



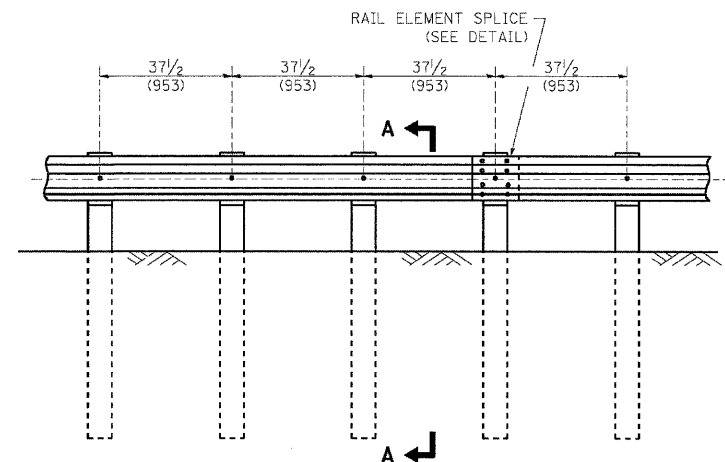
ELEVATION

TYPE A

6'-3" (1.905 M) TYPICAL POST SPACING



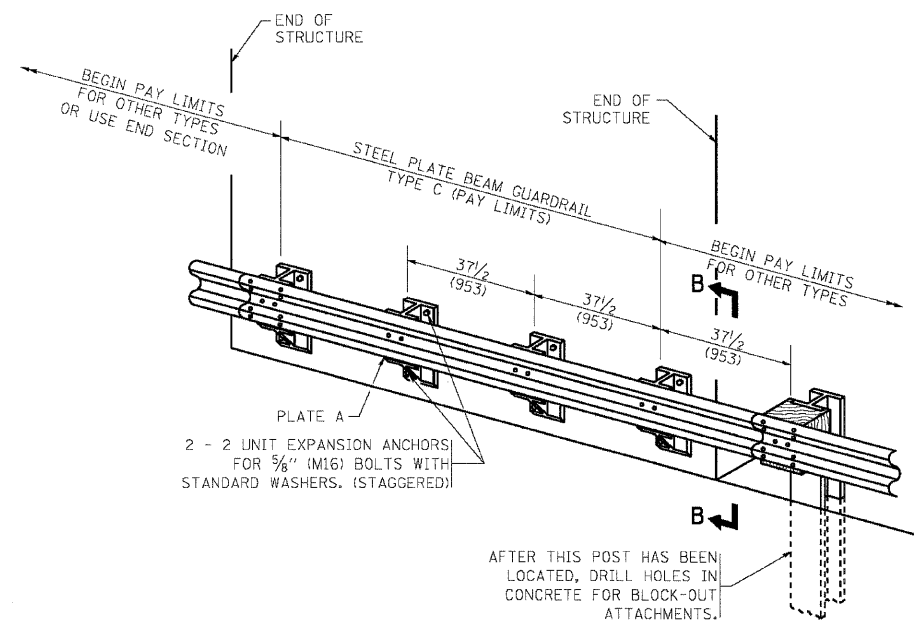
SECTION A-A



ELEVATION

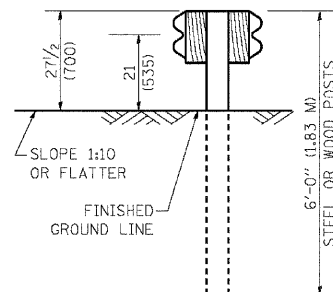
TYPE A

37 1/2 (953) CLOSED POST SPACING

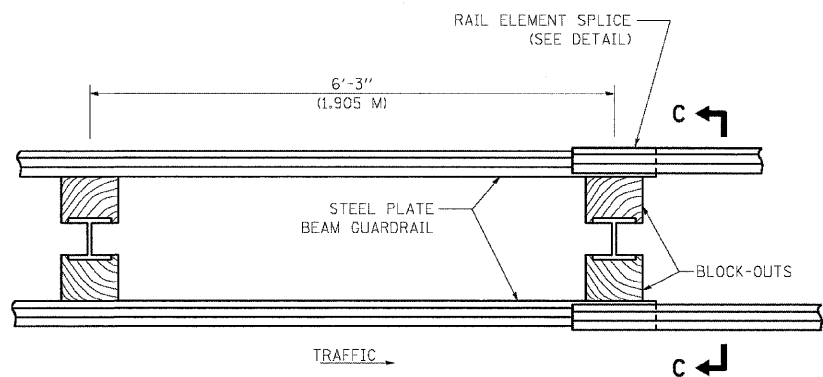


TYPE C

37 1/2 (953) BLOCK-OUT SPACING



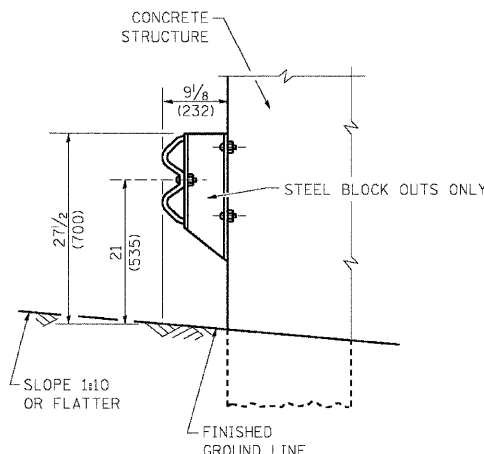
SECTION C-C



PLAN

TYPE D

DOUBLE STEEL PLATE BEAM GUARDRAIL
6'-3" (1.905 M) TYPICAL POST SPACING



SECTION B-B

GENERAL NOTES

ALL SLOPE RATIOS ARE EXPRESSED AS UNITS OF VERTICAL DISPLACEMENT TO UNITS OF HORIZONTAL DISPLACEMENT (V:H).

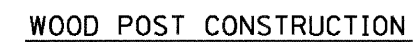
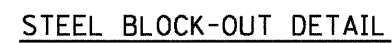
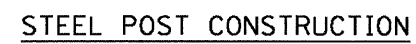
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

THE EXISTING STEEL POSTS MAY BE DRILLED TO MATCH THE BOLT PATTERN SHOWN HEREIN FOR THE WOOD BLOCK-OUT, OR A NEW STEEL POST SHALL BE PROVIDED.

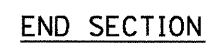
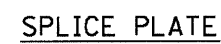
THIS DETAIL IS APPLICABLE TO THE GUARDRAIL SYSTEM USED PRIOR TO JANUARY 1, 2007. FOR DETAILS ON THE MIDWEST GUARDRAIL SYSTEM, SEE STANDARD 630001.

n:\proj\N3384\5\notes\ella\design\Details\3384NM-Detail01A (Standard).dgn

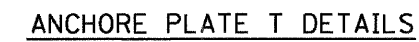
 ENGINEERING CONSULTANT Clorba Group, Inc. CONSULTING ENGINEERS 201 North Dearborn Street, Suite 402 Chicago, IL 60610 Tel: 773.775.4014 Fax: 773.775.4014 Email: info@clorba.com	USER NAME = gaglianobt	DESIGNED -	REVISED - 10-31-06	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REMOVE AND REERECT					F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50.0000' / 1".	DRAWN -	REVISED -		80	99-5R-1	WILL	112	47					
	PLOT DATE = 1/4/2008	CHECKED -	REVISED -		BM-21									
		DATE -	REVISED -		CONTRACT NO. 60N86									
								FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT						
				SCALE: NONE	SHEET NO. 1	OF 4	SHEETS	STA.	TO STA.					



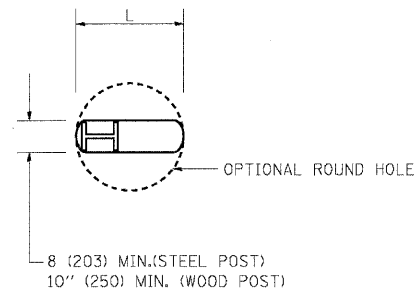
 Clorbe Group, Inc. CONSULTING ENGINEERS 5017 North Commercial Avenue, Suite 402 Chicago, Illinois 60630 Tel: 773.775.4000 Fax: 773.775.4094 Email: clorbe@clorbe.com	USER NAME = gaglianobt DESIGNED - DRAWN - CHECKED - PLOT SCALE = 50.0000' / IN. PLOT DATE = 1/4/2008	DESIGNED - DRAWN - CHECKED - DATE -	REVISED - 10-31-06 REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL				F.A.I. RTE. 80	SECTION 99-5R-1	COUNTY WILL	TOTAL SHEETS 112	SHEET NO. 48
									BM-21				CONTRACT NO. 60N86			
	SCALE: NONE		SHEET NO. 2 OF 4 SHEETS		STA.		TO STA.		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							



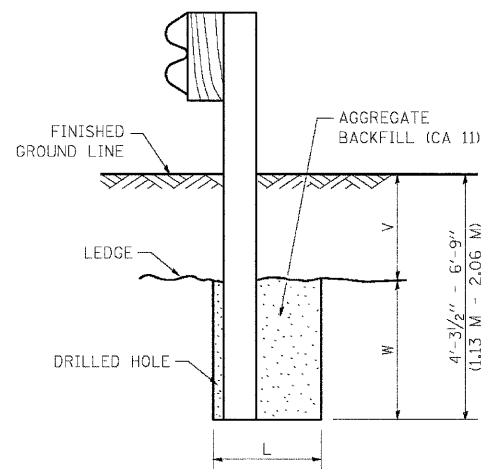
EXTERNALLY THREADED STUDS PROTRUDING FROM THE SURFACE OF THE CONCRETE
WILL NOT BE PERMITTED.



 ENGINEERING CONSULTANT Clorba Group, Inc. CONSULTING ENGINEERS 117 South Columbus Street, Suite 402 Chicago, Illinois 60606 Tel. 773.776.4006 Fax 773.776.4014 Email: info@clorba.com	USER NAME = gaglianobt	DESIGNED -	REVISED - 10-31-06	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL					F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 5/8"=20'0" ' / IN.	DRAWN -	REVISED -		80	99-5R-1	WILL	112	49					
	PLOT DATE = 1/4/2009	CHECKED -	REVISED -		BM-21					CONTRACT NO. 60N86				
	DATE -	REVISED -	SCALE: NONE		SHEET NO. 3 OF 4 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT						



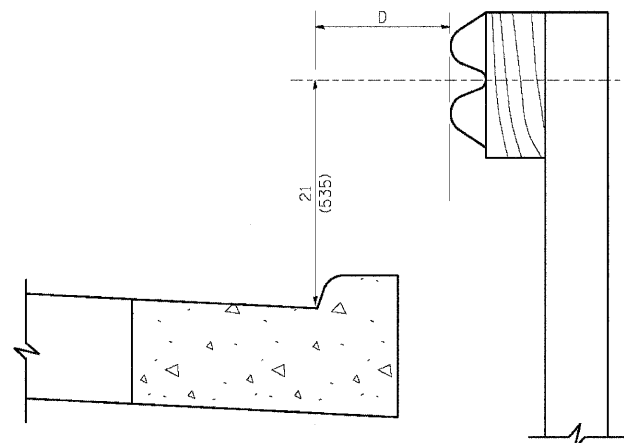
PLAN



NOTE:
LEDGE LINE IS TOP OF ROCK LEDGE OR HARD SLAG FILL.

ELEVATION

FOOTING FOR POST WHEN IMPERVIOUS MATERIAL IS ENCOUNTERED



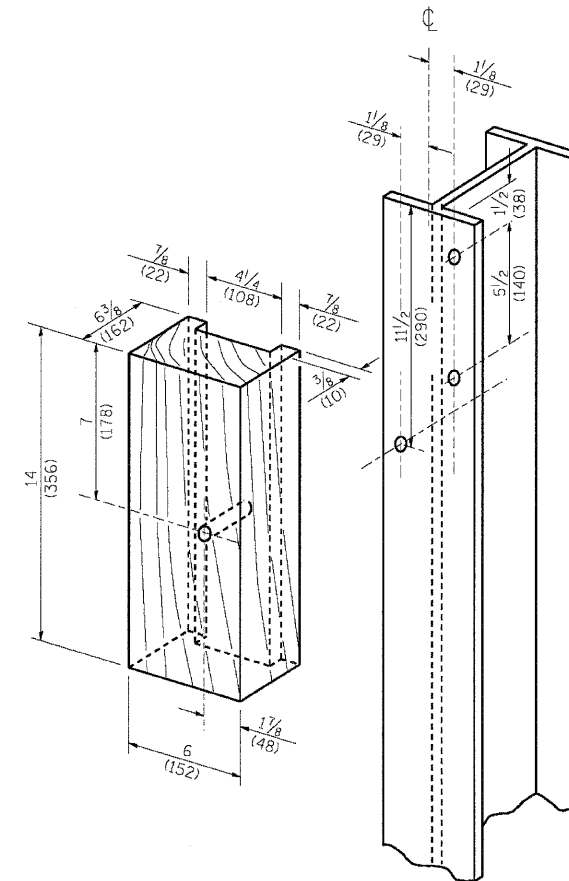
NOTE:

IF IT IS NECESSARY FOR D TO BE MORE THAN 12 (300) AND LESS THAN 10'-0" (3.0 M) TYPE M-2 (M-5) CURB AND GUTTER (STD. 606001) SHALL BE USED IN FRONT OF AND IN ADVANCE OF THE GUARDRAIL.

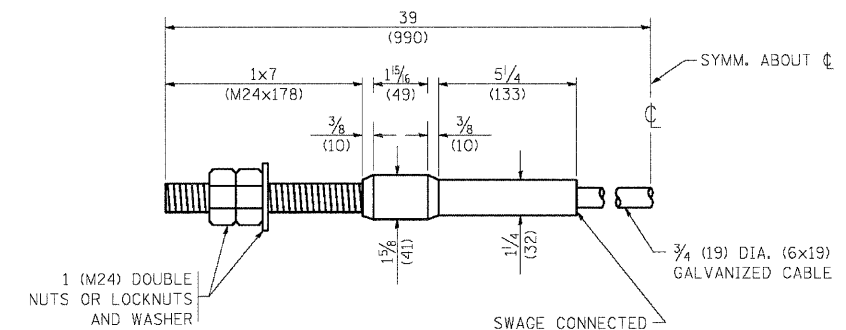
GUARDRAIL PLACED BEHIND CURB

(D = 0 DESIRABLE TO 12 (300) MAXIMUM)

V	W	L	
		STEEL POST	WOOD POST
0 - 18 (0 - 460)	24 (610)	21 (530)	23 (580)
>18 - 41.5 (> 460 - 825)	12 (305)	8 (203)	10 (250)
>41.5 - 53.5 (> 825 - 1,13 M)	12 - 0 (350 - 0)	8 (203)	10 (250)



WOOD BLOCK-OUT AND STEEL POST DETAILS

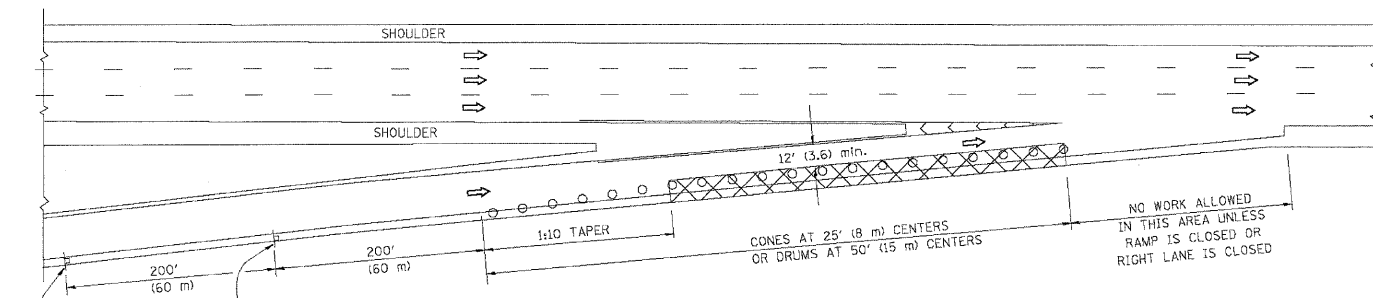


CABLE ASSEMBLY

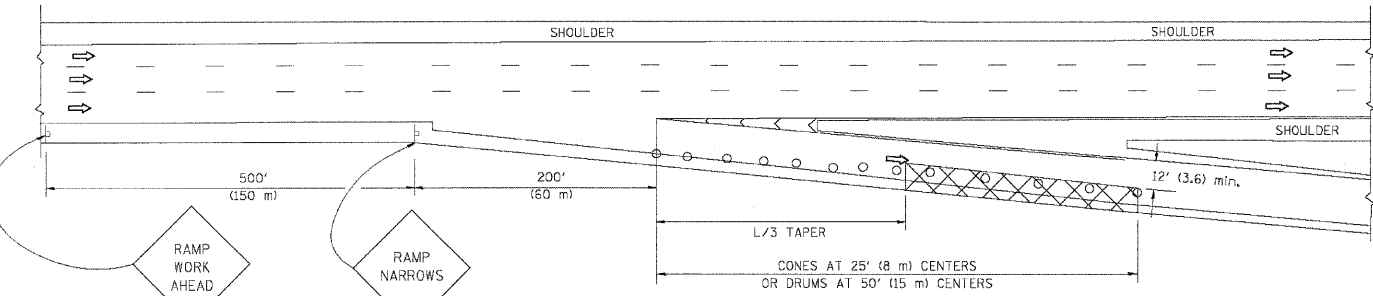
(40,000 LBS (18,100 KG) MIN. BREAKING STRENGTH)
TIGHTEN TO TAIT TENSION

c:\p\3384\5_noise_walls\design\Details\3384\W-Detail101D (Standard).dgn

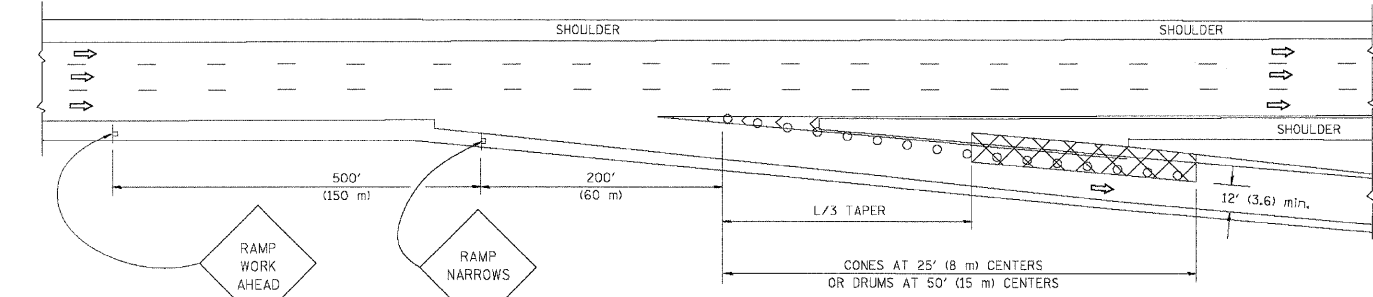
PARTIAL RAMP CLOSURE DETAILS



TYPICAL ENTRANCE RAMP



TYPICAL EXIT RAMP



TYPICAL EXIT RAMP

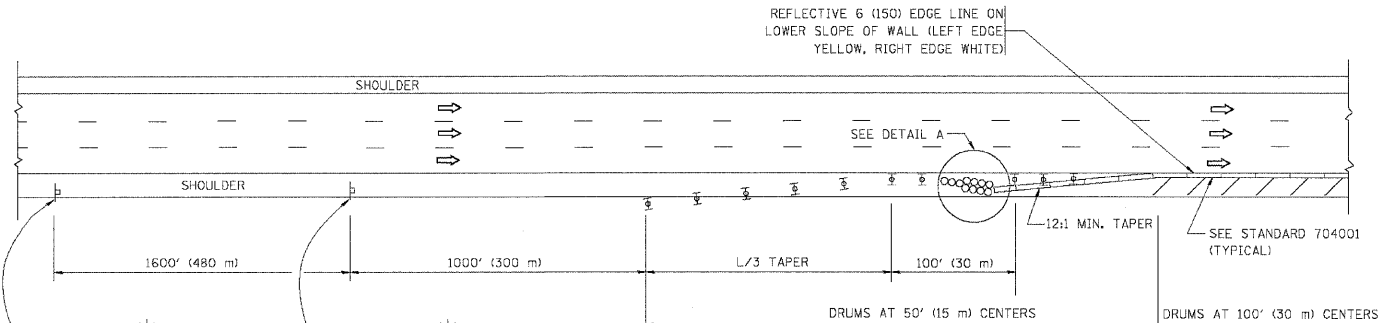
SYMBOLS

- ACTIVE WORK AREA
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- FLAGGER WITH CONTROL SIGN
- TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONO-DIRECTIONAL LIGHT
- CONE, DRUM OR BARRICADE

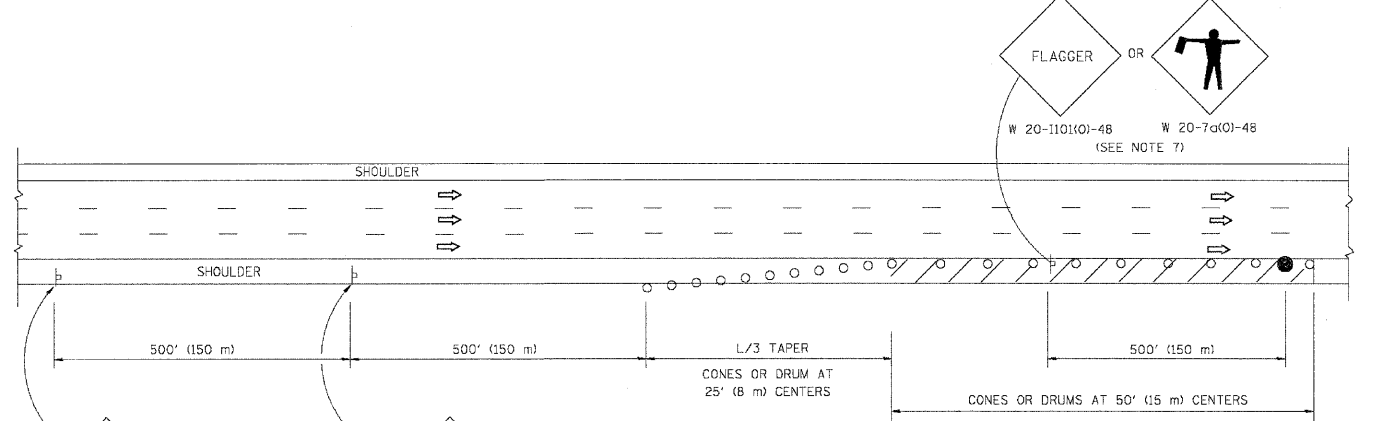
GENERAL NOTES

- THE "L" DISTANCE EQUALS:
SPEED LIMIT FORMULAS
45 mph (80 km/h) METRIC ENGLISH
OR GREATER: $L = 0.65(W)(S)$ $L = (W)(S)$
W = WIDTH OF OFFSET IN FEET (METERS)
S = NORMAL POSTED SPEED MPH (KM/H)
- PLASTIC DRUMS WITH HIGH PERFORMANCE REFLECTIVE SHEETING AND STEADY BURNING LIGHTS ARE REQUIRED FOR ALL NIGHTTIME CLOSURES.
- ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
- FLASHING LIGHTS SHALL BE USED DURING THE HOURS OF DARKNESS AND SHALL BE INSTALLED ABOVE THE FIRST TWO SETS OF SIGNS.

SHOULDER CLOSURE DETAILS



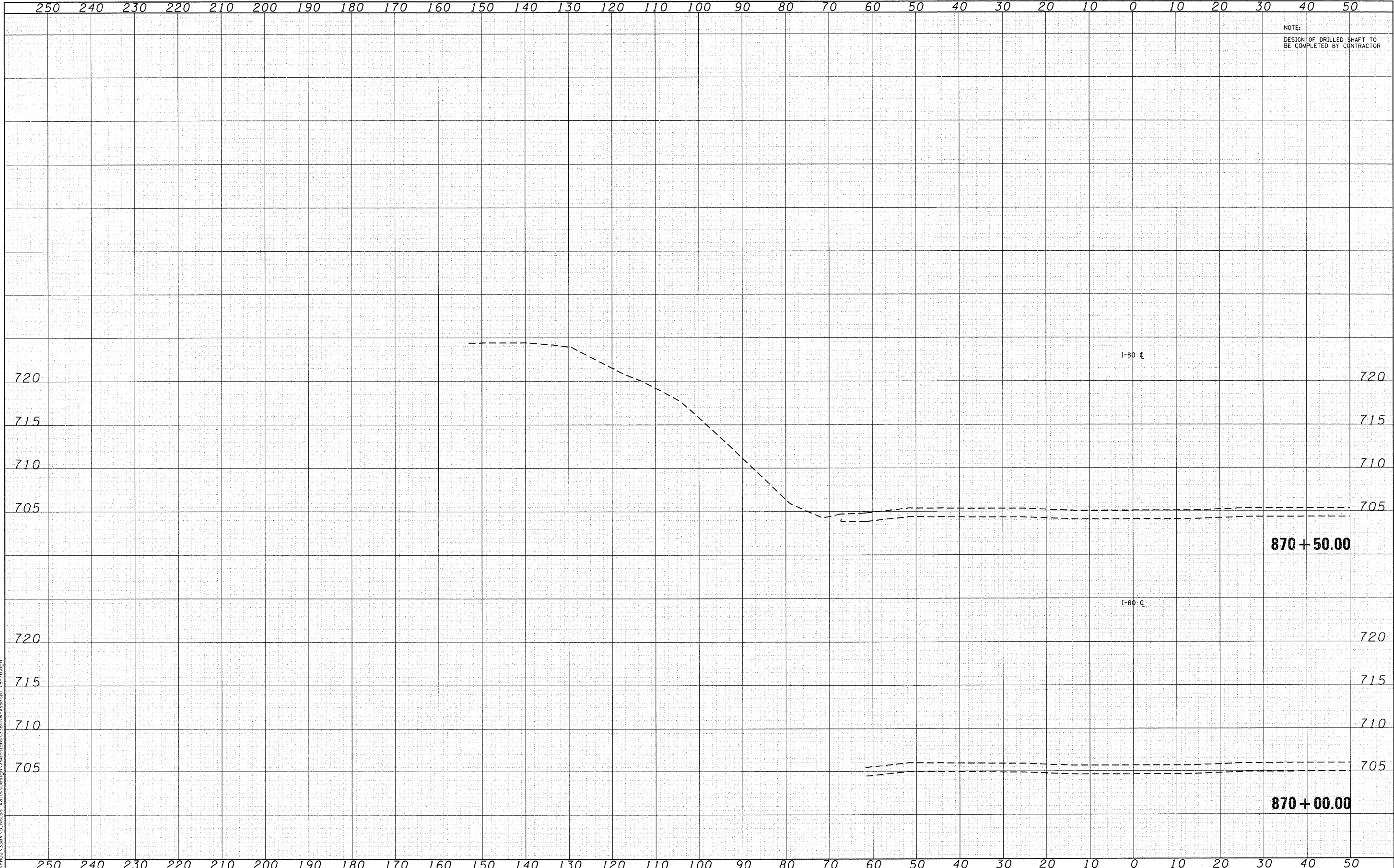
PERMANENT SHOULDER CLOSURE



DAYTIME SHOULDER CLOSURE

DETAIL "A"
IMPACT ATTENUATOR, TEMPORARY
(SEE NOTE 5)

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.



NOTE:
DESIGN OF DRILLED SHAFT TO
BE COMPLETED BY CONTRACTOR

FILE NAME: R:\PROJECTS\384\5 Noise Walls\Design\Sections\384NW-cross-01 7a-7b.dgn



Ciorba Group, Inc.
CONSULTING ENGINEERS
5507 North Cumberland Avenue, Suite 402
Chicago, Illinois 60656
Tel. 773.775.4009 Fax 773.775.4014

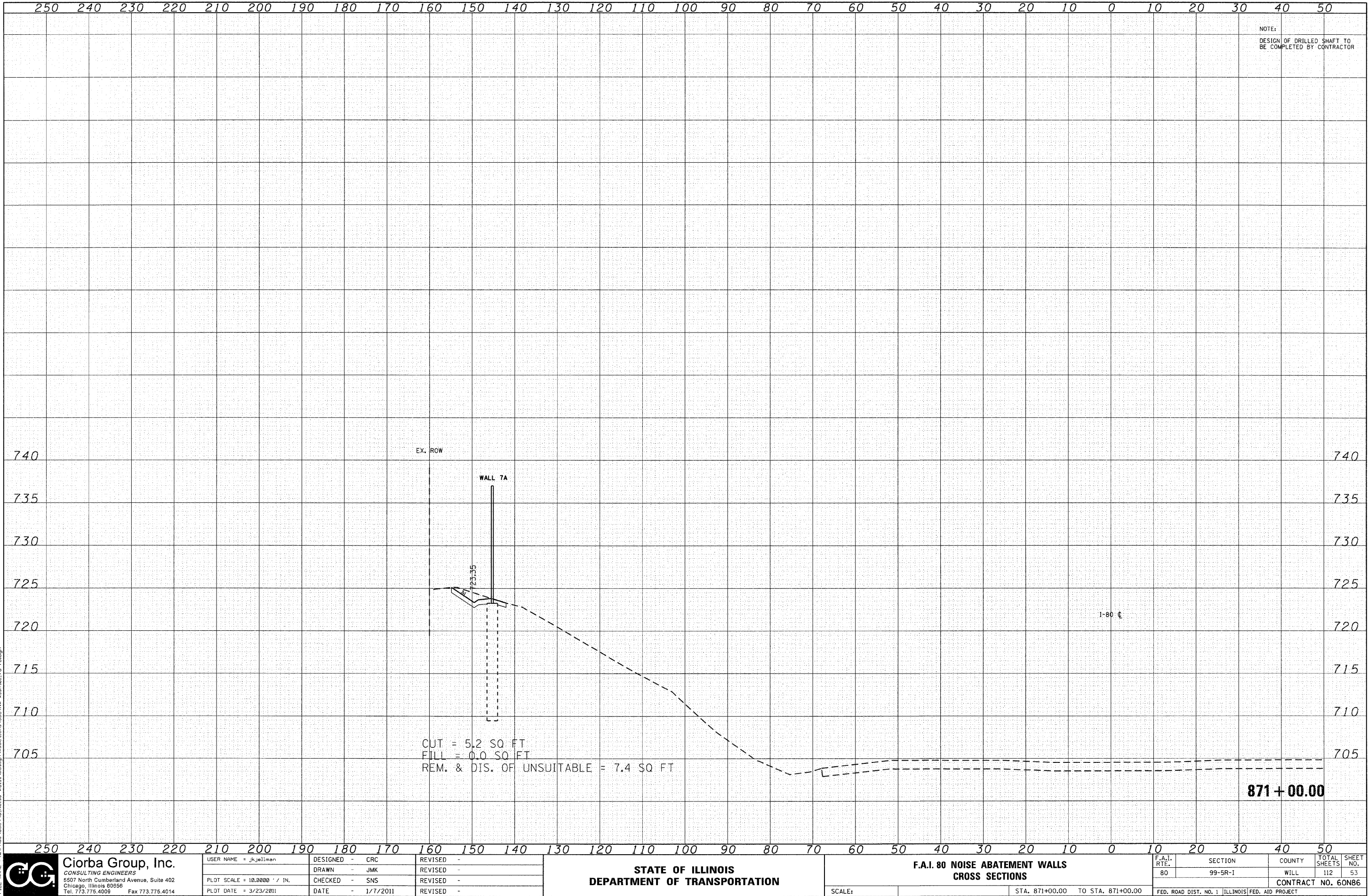
USER NAME - jk-jellman	DESIGNED - CRC	REVISED -
PLOT SCALE = 10.0000' / 1"	DRAWN - JMK	REVISED -
PLOT DATE = 3/23/2011	CHECKED - SNS	REVISED -
	DATE - 1/7/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 NOISE ABATEMENT WALLS
CROSS SECTIONS

SCALE: STA. 870+00.00 TO STA. 870+50.00

F.A.I. RTE. 80	SECTION 99-5R-1	COUNTY WILL	TOTAL SHEETS 112	SHEET NO. 52
CONTRACT NO. 60N86				
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT				



FILE NAME = N:\PROJ\3284\5 Noise Wall\Design\Sections\3284W-xxah\01_7a-7b.dgn



Ciorba Group, Inc.
CONSULTING ENGINEERS
5507 North Cumberland Avenue, Suite 402
Chicago, Illinois 60656
Tel. 773.775.4009 Fax 773.775.4014

USER NAME = jk.jellman	DESIGNED - CRC	REVISED -
	DRAWN - JMK	REVISED -
PLOT SCALE = 1/8" = 1' / IN.	CHECKED - SNS	REVISED -
PLOT DATE = 3/23/2011	DATE - 1/7/2011	REVISED -

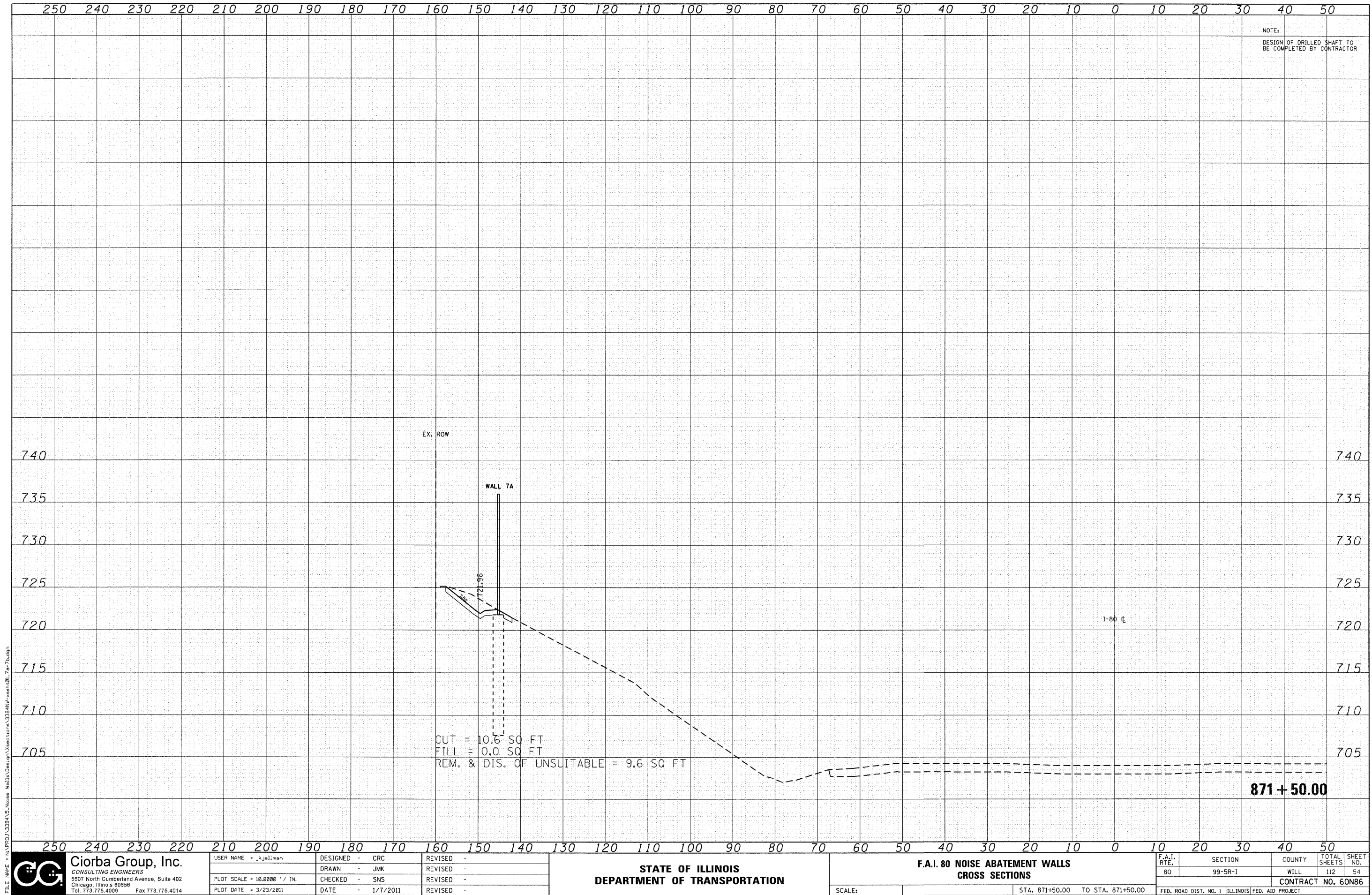
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 NOISE ABATEMENT WALLS
CROSS SECTIONS

SCALE:

STA. 871+00.00 TO STA. 871+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5R-1	WILL	112	53
CONTRACT NO. 60N86				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



FILE NAME = N:\PROJ\328415 Noise Walls\Design\Sections\328415-NW-ssah.d01 7/2/2011



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CONSULTING ENGINEERS
5507 North Cumberland Avenue, Suite 402
Chicago, Illinois 60656
Tel. 773.775.4009 Fax 773.775.4014

USER NAME = jkwillman
PLOT SCALE = 1/2" = 10.0000' / IN.
PLOT DATE = 3/23/2011

DESIGNED - CRC
DRAWN - JMK
CHECKED - SNS
DATE - 1/7/2011

REVISED -
REVISED -
REVISED -
REVISED -

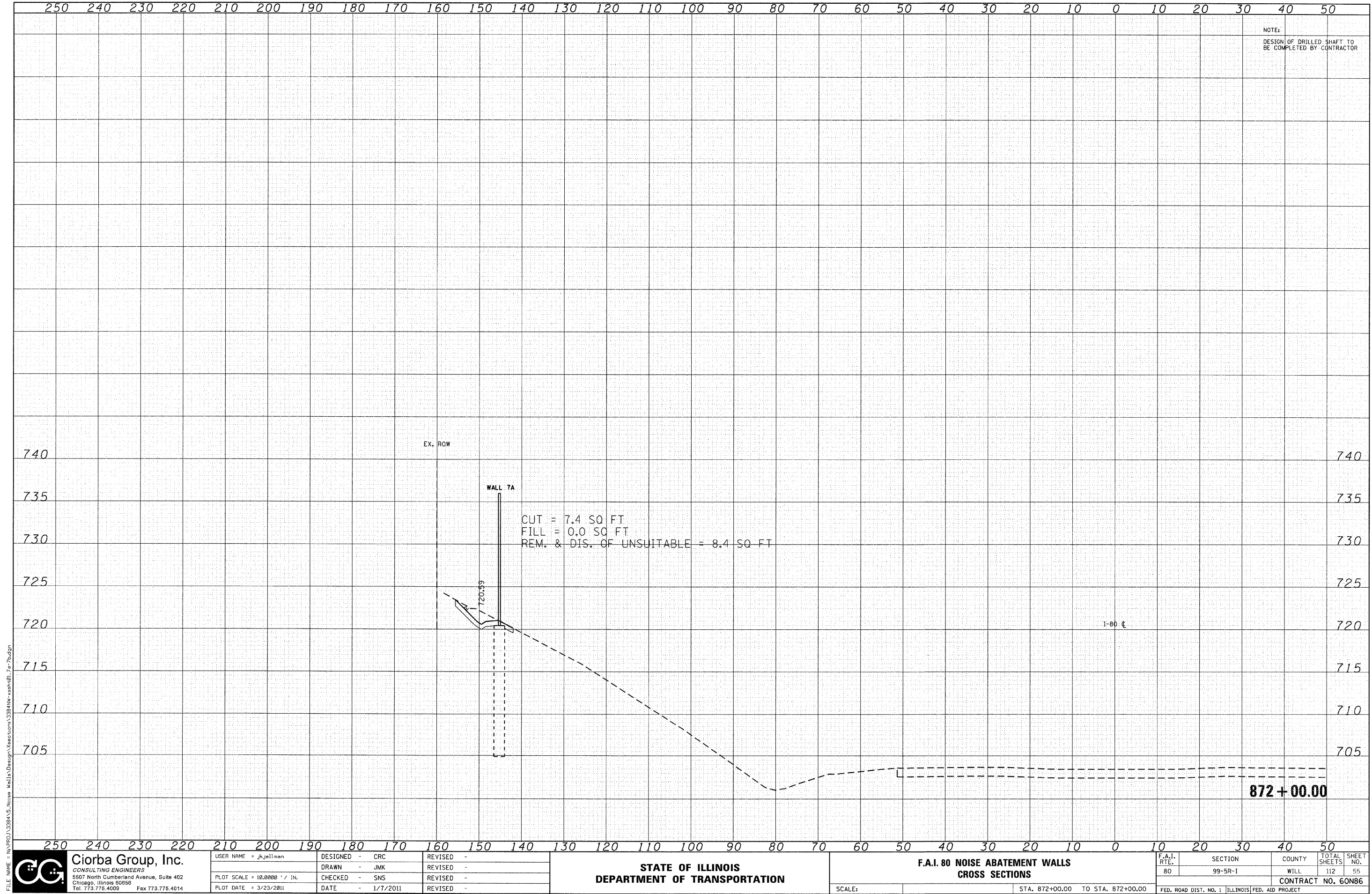
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

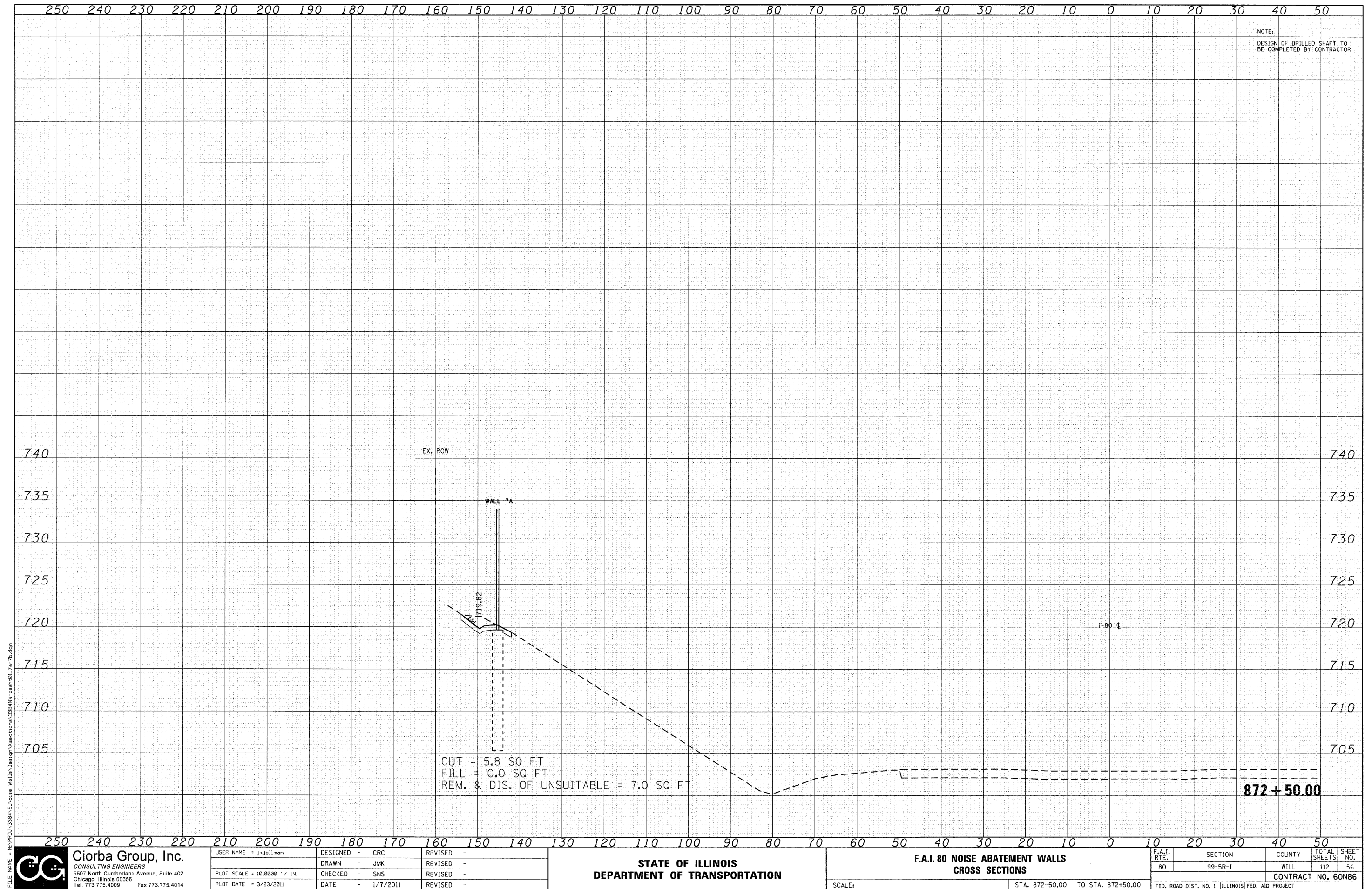
F.A.I. 80 NOISE ABATEMENT WALLS
CROSS SECTIONS

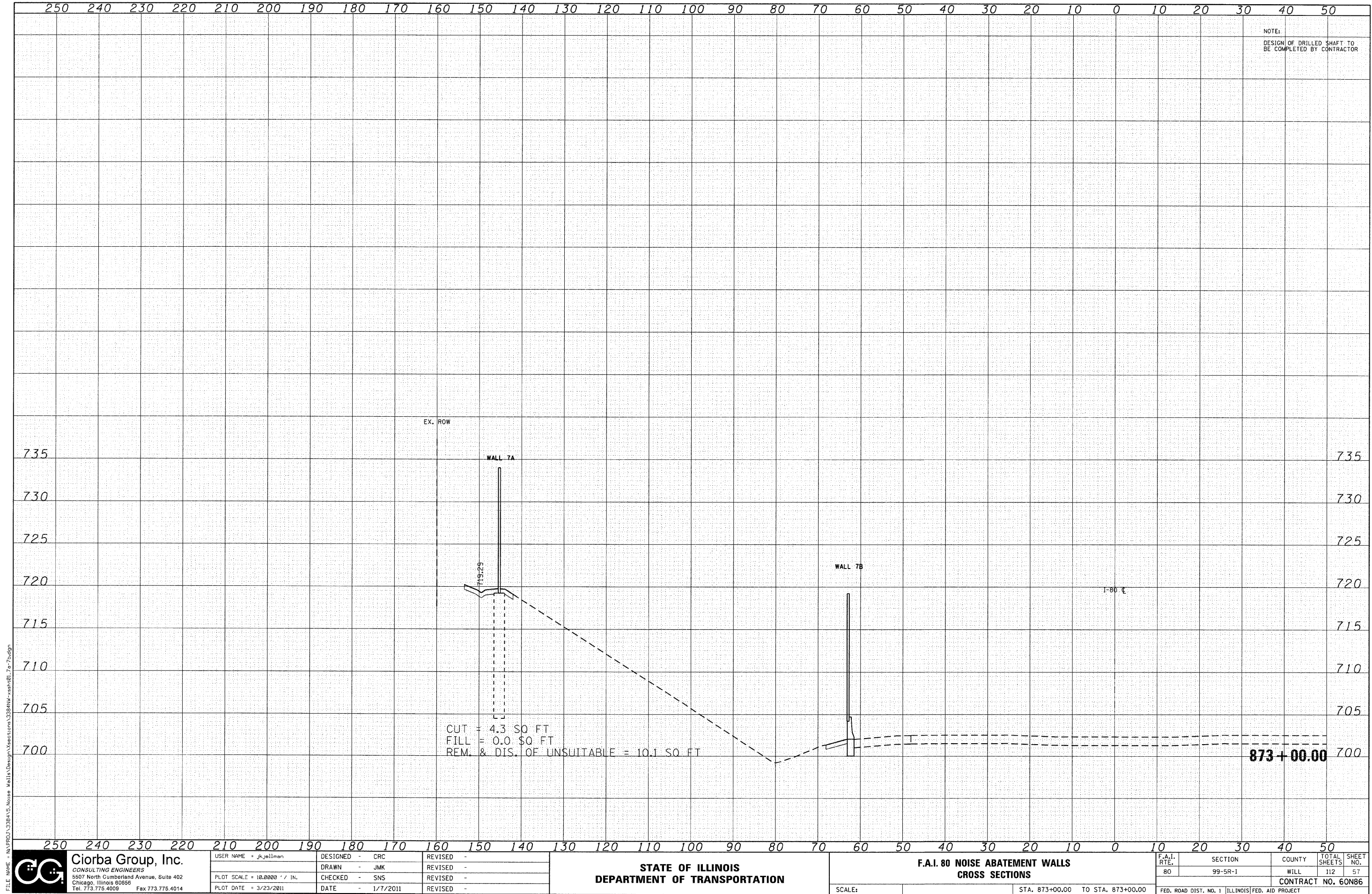
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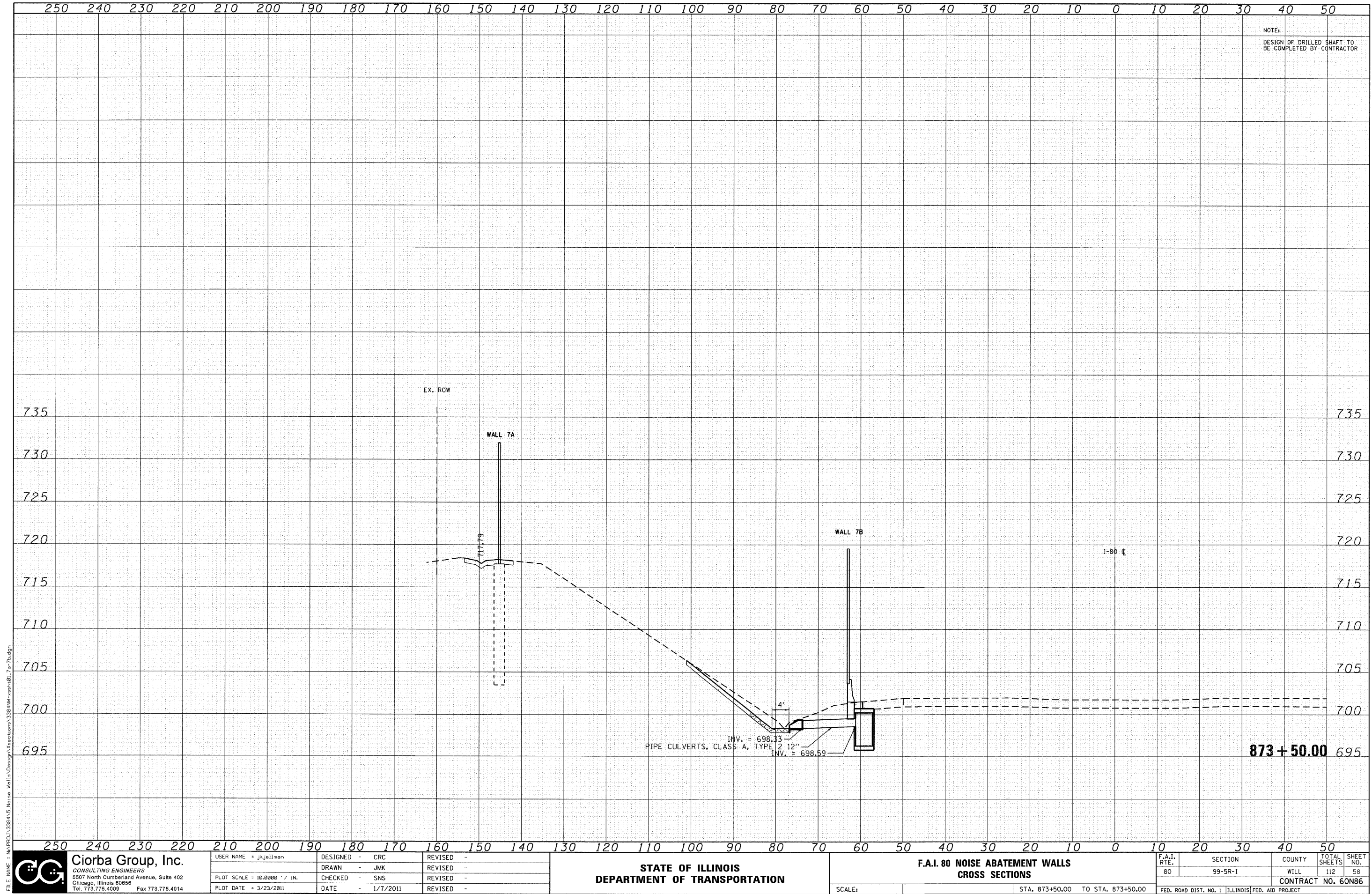
STA. 871+50.00 TO STA. 871+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5R-1	WILL	112	54
CONTRACT NO. 60N86				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				









FILE NAME: N:\PROJ\338A\5 Noise Walls\Design\Section\338A-W-est-01.dwg 7/2/2011



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CONSULTING ENGINEERS
5507 North Cumberland Avenue, Suite 402
Chicago, Illinois 60656
Tel. 773.775.4009 Fax 773.775.4014

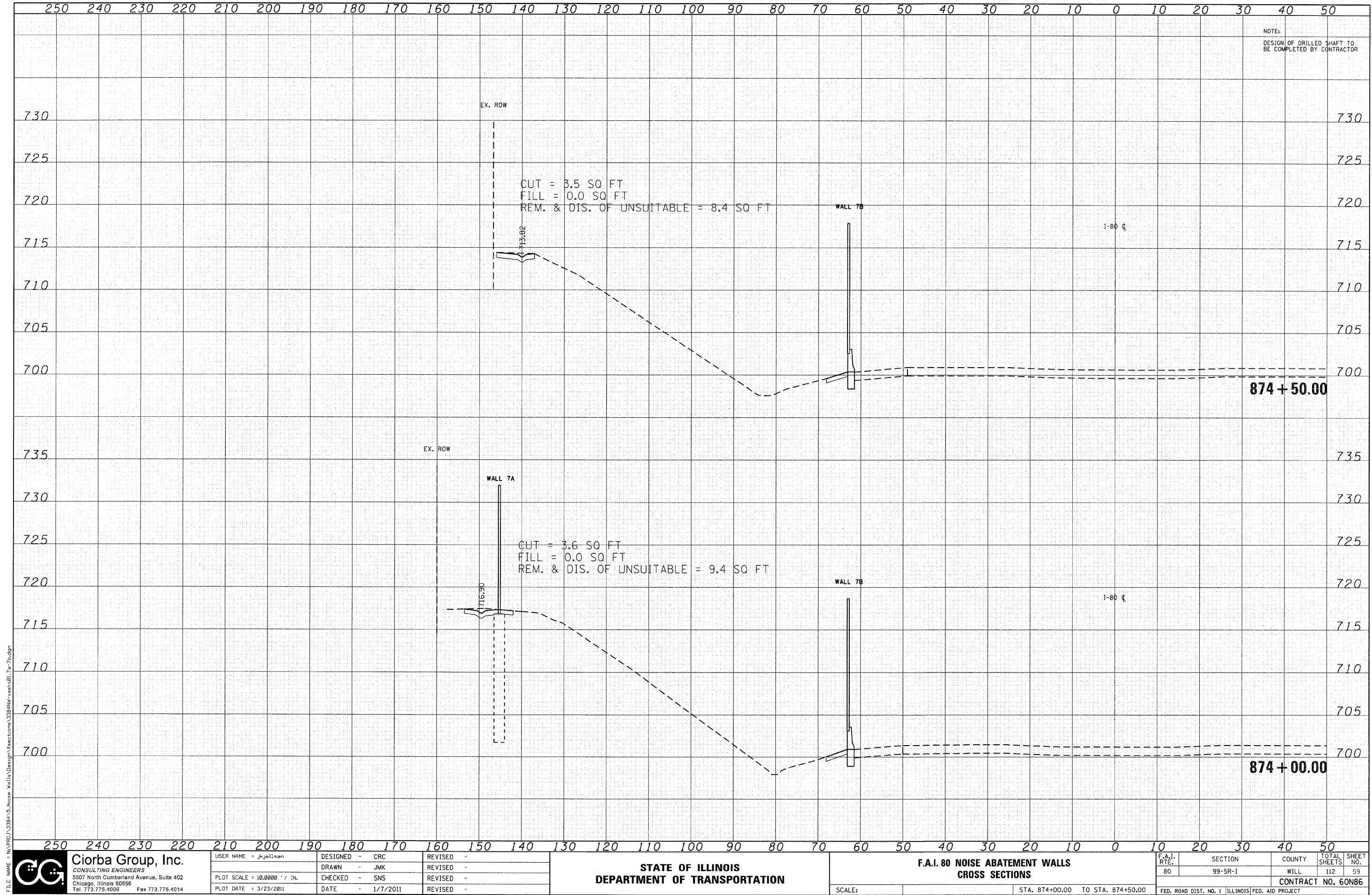
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PLOT SCALE = 10.0000' / IN.	DRAWN - JMK	REVISED -
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	DATE - 1/7/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 NOISE ABATEMENT WALLS
CROSS SECTIONS

SCALE: STA. 873+50.00 TO STA. 873+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5R-1	WILL	112	58
CONTRACT NO. 60N86				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



FILE NAME: N:\PROJ\338A\5-Noise Walls\Design\Sections\338A\NW-ssh-01.dwg 7/27/2011



Ciorba Group, Inc.
CONSULTING ENGINEERS
5507 North Cumberland Avenue, Suite 402
Chicago, Illinois 60656
Tel. 773.775.4008 Fax 773.775.4014

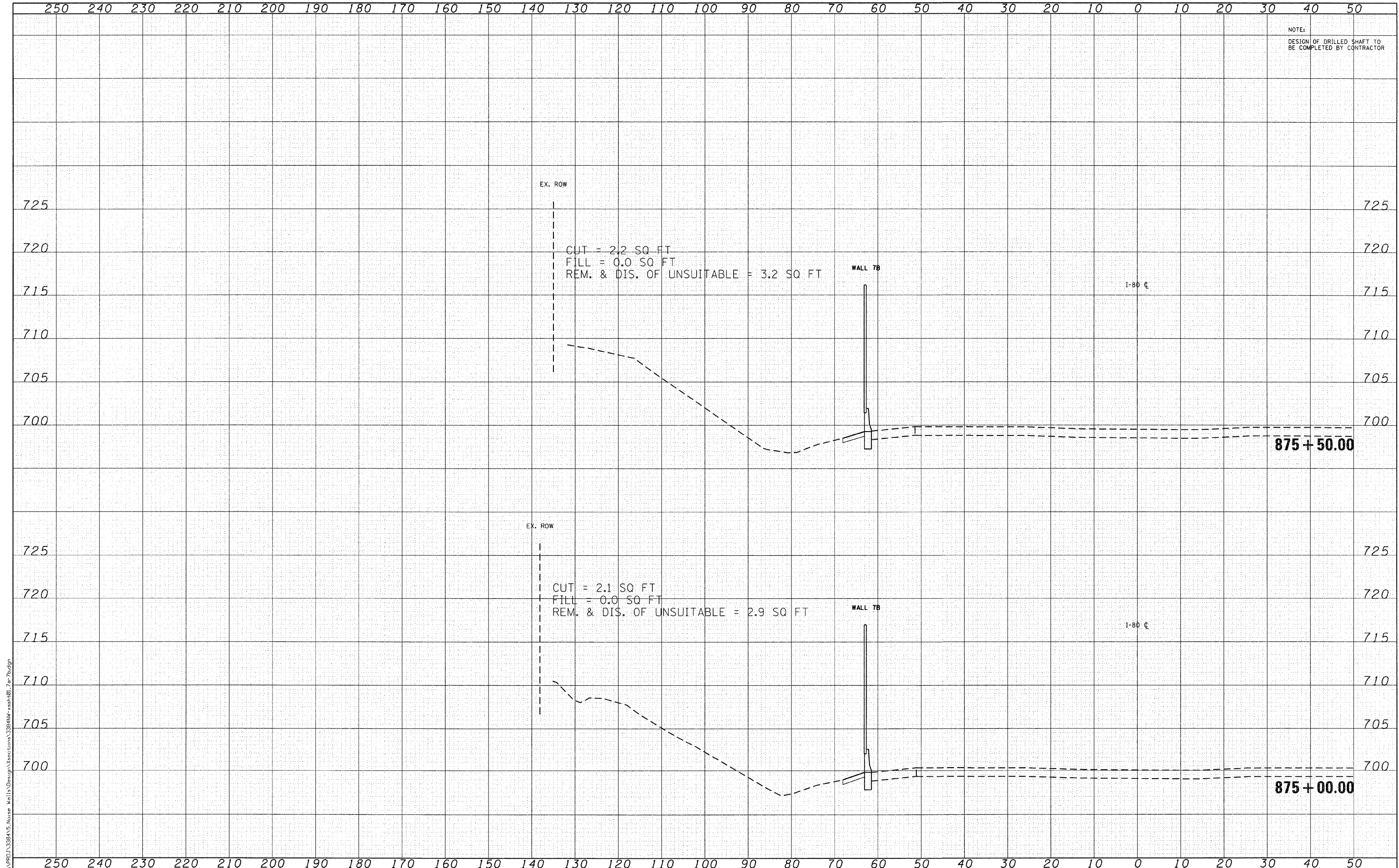
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	DRAWN: JMK	REVISED: -
PLOT SCALE: 10.0000' / IN.	CHECKED: SNS	REVISED: -
PLOT DATE: 3/23/2011	DATE: 1/7/2011	REVISED: -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 NOISE ABATEMENT WALLS
CROSS SECTIONS

SCALE: STA. 874+00.00 TO STA. 874+50.00

F.A.I. RTE. 80	SECTION 99-5R-1	COUNTY WILL	TOTAL SHEETS 112	SHEET NO. 59
CONTRACT NO. 60N86				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NOTE:
DESIGN OF DRILLED SHAFT TO
BE COMPLETED BY CONTRACTOR

FILE NAME: N:\VPRD\338A\5 Noise Walls Design\Xsections\3384NW-wash01.7e7b.dgn



Ciorba Group, Inc.
CONSULTING ENGINEERS
5507 North Cumberland Avenue, Suite 402
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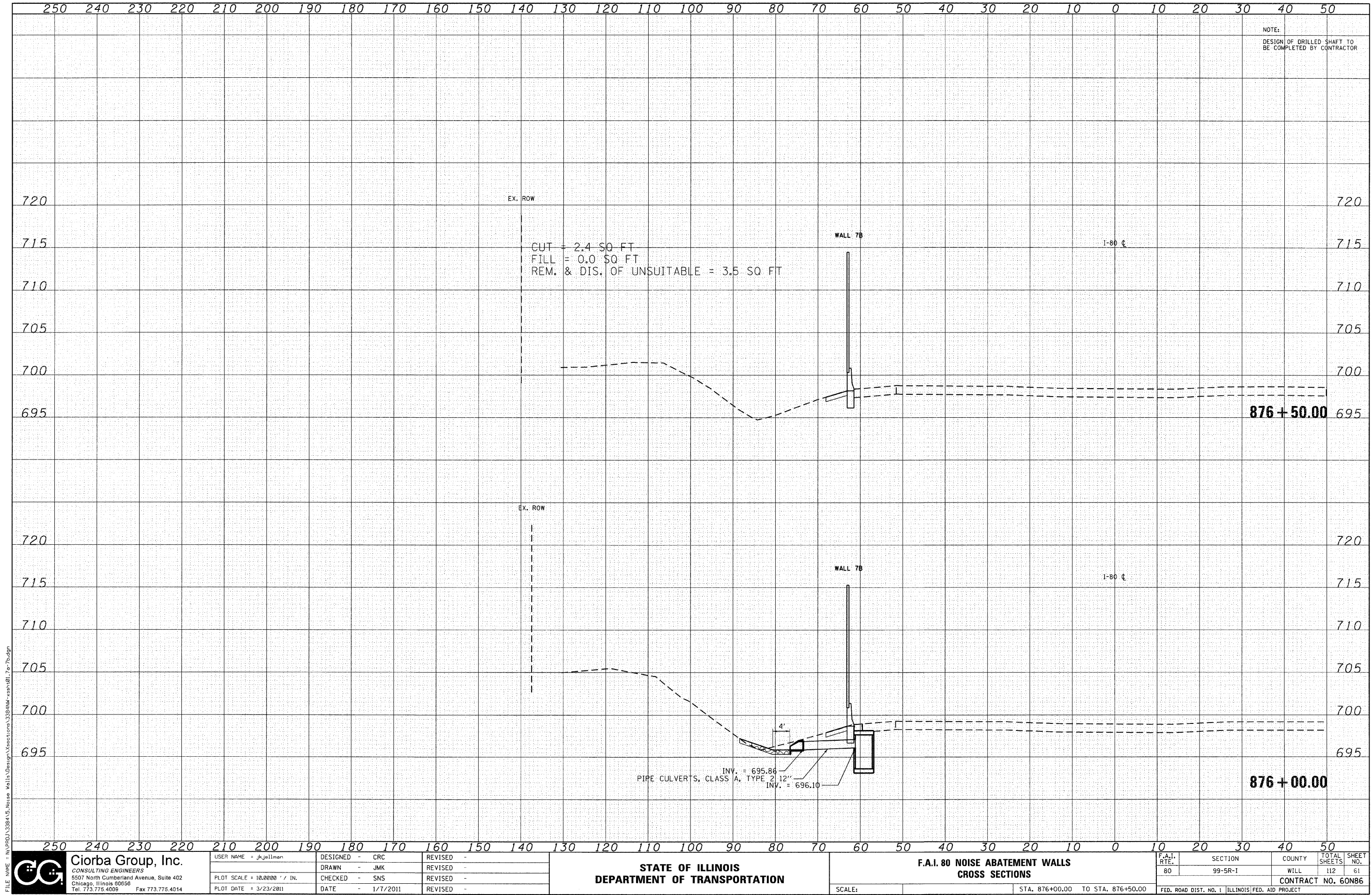
USER NAME = jk.jellman	DESIGNED - CRC	REVISED -
	DRAWN - JMK	REVISED -
PLOT SCALE = 10.0000' / IN.	CHECKED - SNS	REVISED -
PLOT DATE = 3/23/2011	DATE - 1/7/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 NOISE ABATEMENT WALLS
CROSS SECTIONS

SCALE: STA. 875+00.00 TO STA. 875+50.00

F.A.I. RTE. 80	SECTION 99-5R-1	COUNTY WILL	TOTAL SHEETS 112	SHEET NO. 60
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
CONTRACT NO. 60N86				



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Ciorba Group, Inc.
CONSULTING ENGINEERS
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Chicago, Illinois 60656
Tel. 773.775.4009 Fax 773.775.4014

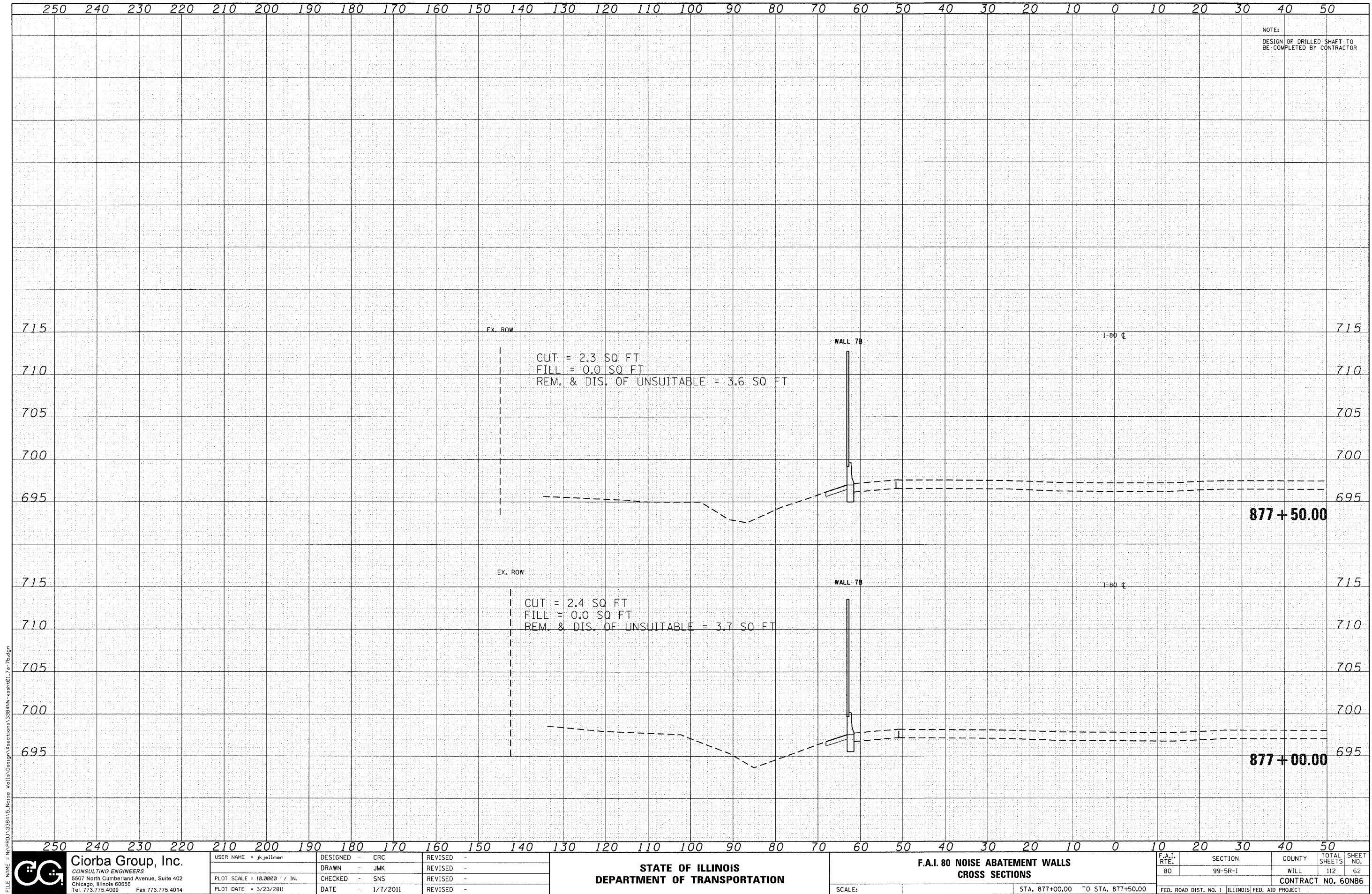
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	DATE - 1/7/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 NOISE ABATEMENT WALLS
CROSS SECTIONS

SCALE: STA. 876+00.00 TO STA. 876+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5R-1	WILL	112	61
CONTRACT NO. 60N86				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



FILE NAME: N:\VPROJ\338415 Noise Walls\Design\Sections\338415-ssht01-7a-7b.dgn



Ciorba Group, Inc.
CONSULTING ENGINEERS
5507 North Cumberland Avenue, Suite 402
Chicago, Illinois 60658
Tel. 773.775.4009 Fax 773.775.4014

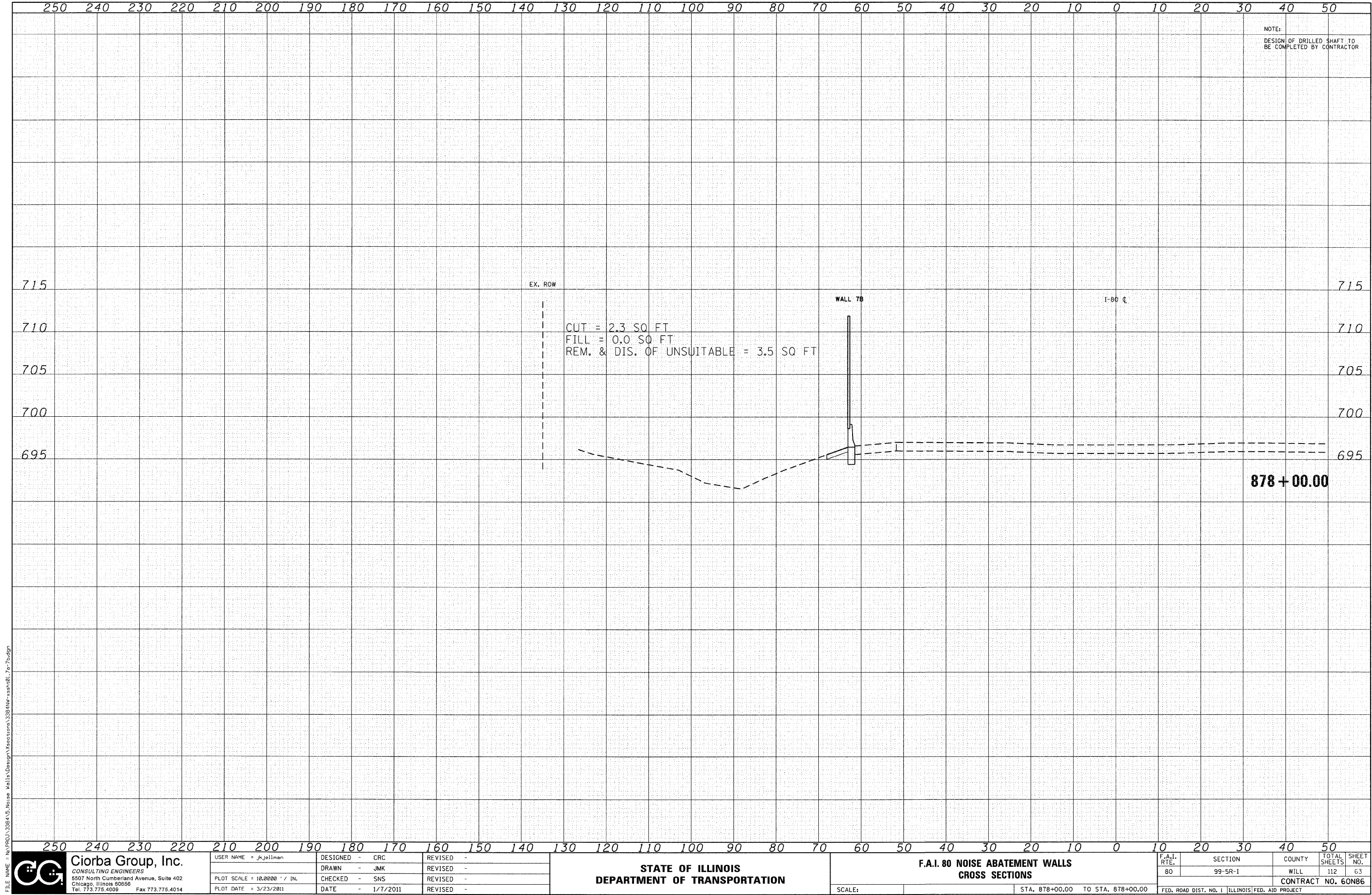
USER NAME - jkellman	DESIGNED - CRC	REVISED -
PLOT SCALE = 10.0000' / IN.	DRAWN - JMK	REVISED -
PLOT DATE = 3/23/2011	CHECKED - SNS	REVISED -
	DATE - 1/7/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 NOISE ABATEMENT WALLS
CROSS SECTIONS

SCALE: STA. 877+00.00 TO STA. 877+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5R-1	WILL	112	62
CONTRACT NO. 60N86				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



FILE NAME: N:\PROJECTS\338415 Noise Walls\Design\Sections\338415-Sub-81-7-27-11.dgn



Ciorba Group, Inc.
CONSULTING ENGINEERS
5507 North Cumberland Avenue, Suite 402
Chicago, Illinois 60656
Tel: 773.775.4009 Fax 773.775.4014

USER NAME = jkellman
PLOT SCALE = 10.0000' / IN.
PLOT DATE = 3/23/2011

DESIGNED - CRC
DRAWN - JMK
CHECKED - SNS
DATE - 1/7/2011

REVISED -
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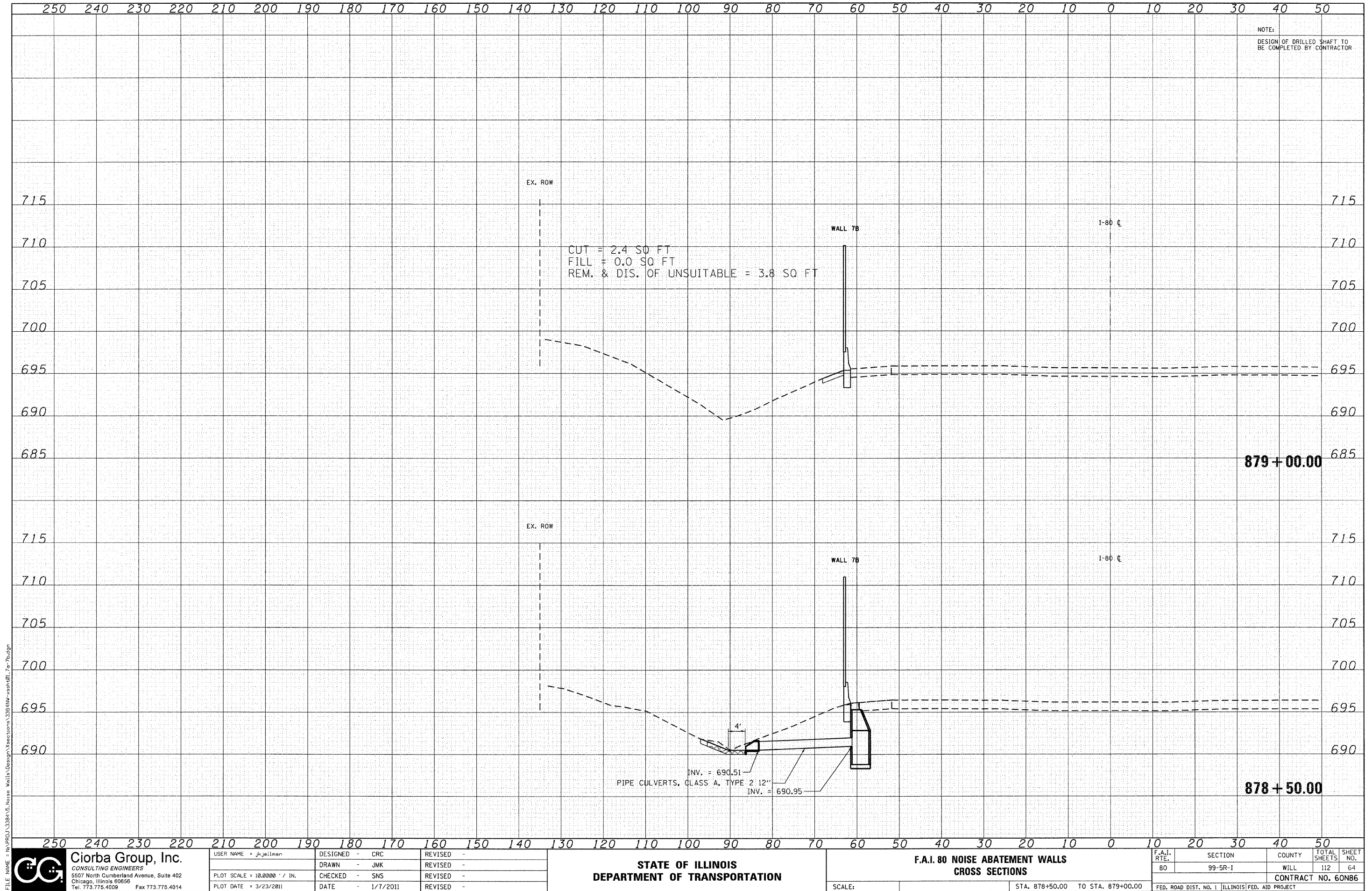
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 NOISE ABATEMENT WALLS
CROSS SECTIONS

SCALE:

STA. 878+00.00 TO STA. 878+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5R-1	WILL	112	63
CONTRACT NO. 60N86				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



FILE NAME : N:\PROJECTS\338415 Noise Walls\Design\Sections\338415-NW-ssht-01.dwg



Ciorba Group, Inc.
CONSULTING ENGINEERS
5507 North Cumberland Avenue, Suite 402
Chicago, Illinois 60656
Tel. 773.775.4009 Fax 773.775.4014

USER NAME = jkrellman
PLOT SCALE = 10.0000' / IN.
PLOT DATE = 3/23/2011

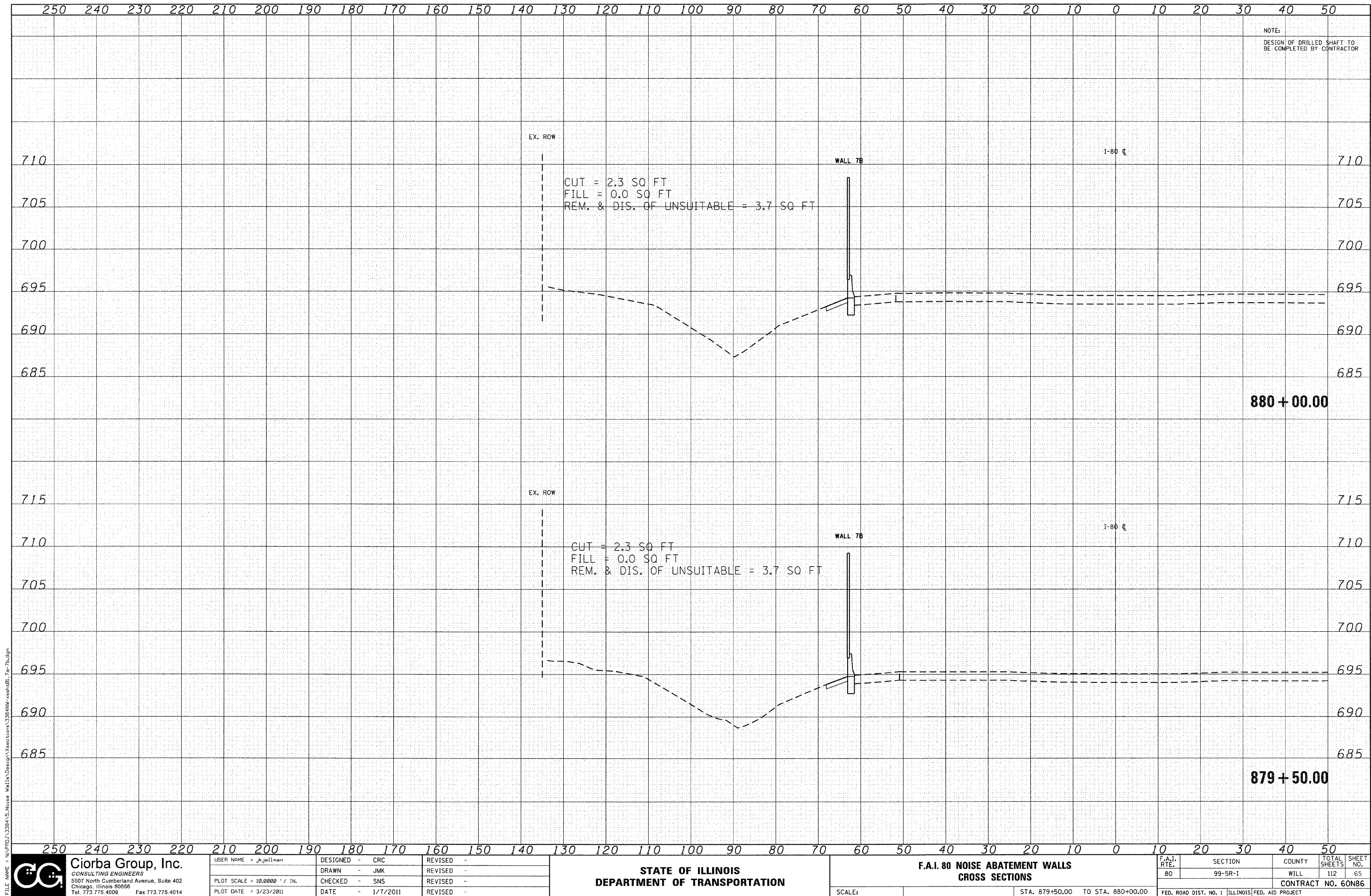
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DATE - 1/7/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 NOISE ABATEMENT WALLS
CROSS SECTIONS

SCALE: STA. 878+50.00 TO STA. 879+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5R-1	WILL	112	64
CONTRACT NO. 60N86				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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CONSULTING ENGINEERS
5507 North Cumberland Avenue, Suite 402
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Tel. 773.775.4009 Fax 773.775.4014

USER NAME: jkellman
PLOT SCALE: 10.0000' / IN.
PLOT DATE: 3/23/2011

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CHECKED: SNS
DATE: 1/7/2011

REVISED: -
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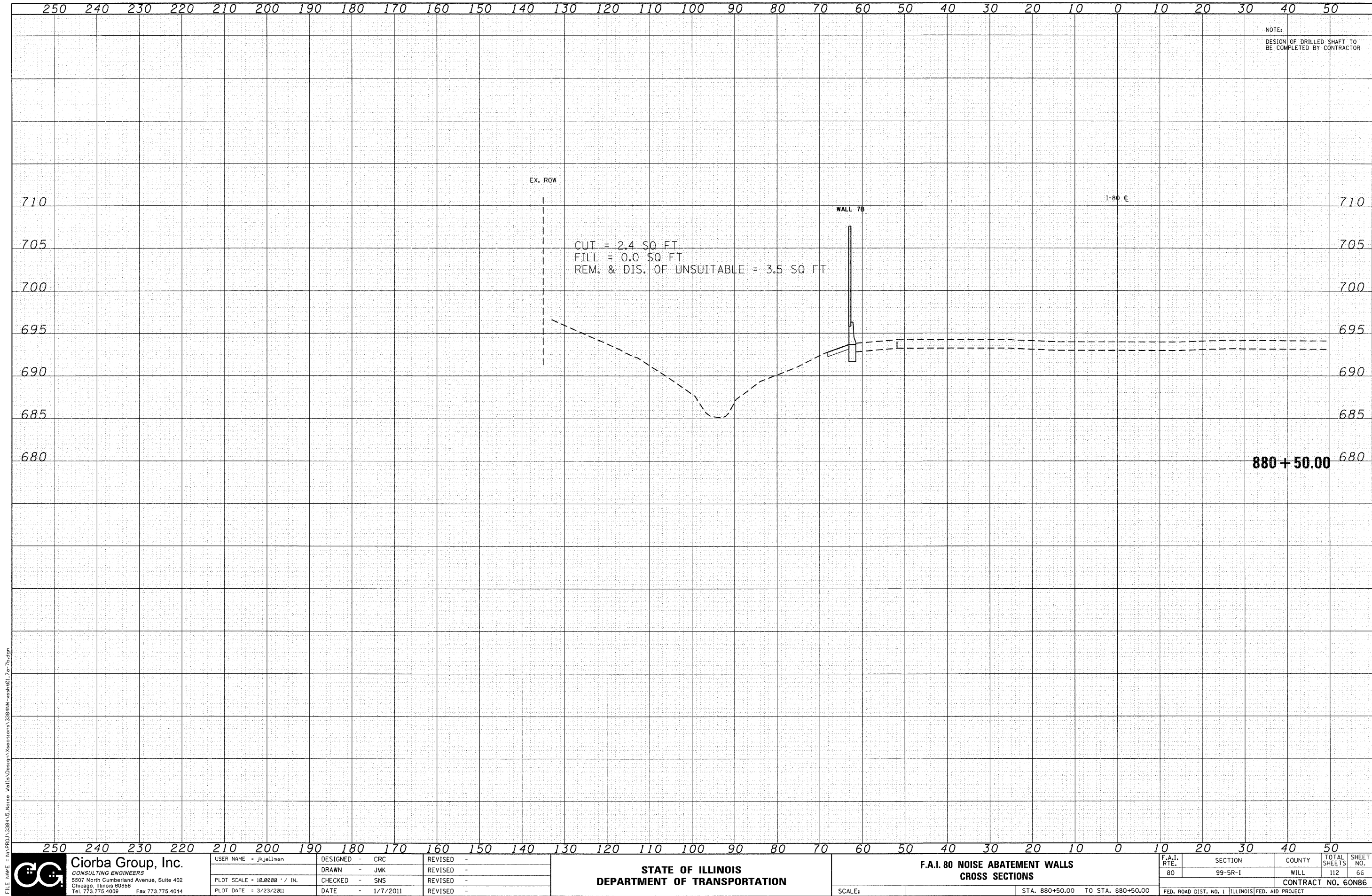
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 NOISE ABATEMENT WALLS
CROSS SECTIONS

SCALE:

STA. 879+50.00 TO STA. 880+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5R-1	WILL	112	65
CONTRACT NO. 60N86				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NOTE:
DESIGN OF DRILLED SHAFT TO
BE COMPLETED BY CONTRACTOR

FILE NAME = N:\P\01\3384\5 Noise Walls\Design\Sections\3384NW-xsh-01_7a-7b.dgn



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CONSULTING ENGINEERS
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Chicago, Illinois 60656
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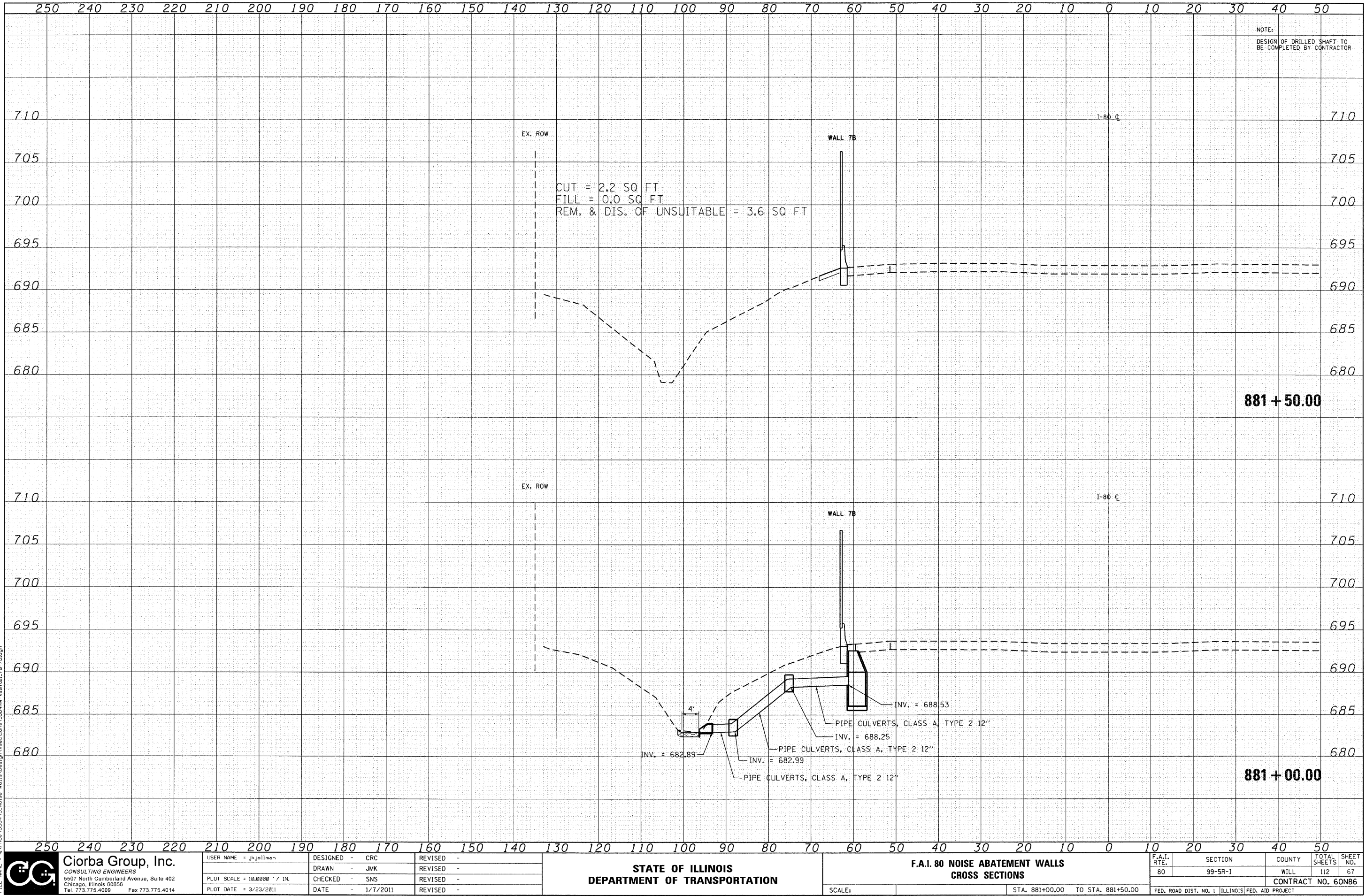
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	DATE - 1/7/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 NOISE ABATEMENT WALLS
CROSS SECTIONS

SCALE: STA. 880+50.00 TO STA. 880+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5R-1	WILL	112	66
CONTRACT NO. 60N86				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



FILE NAME: N:\P001\38415 Noise Walls\Design\Sections\38415-01-01.dgn



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Chicago, Illinois 60656
Tel. 773.775.4009 Fax 773.775.4014

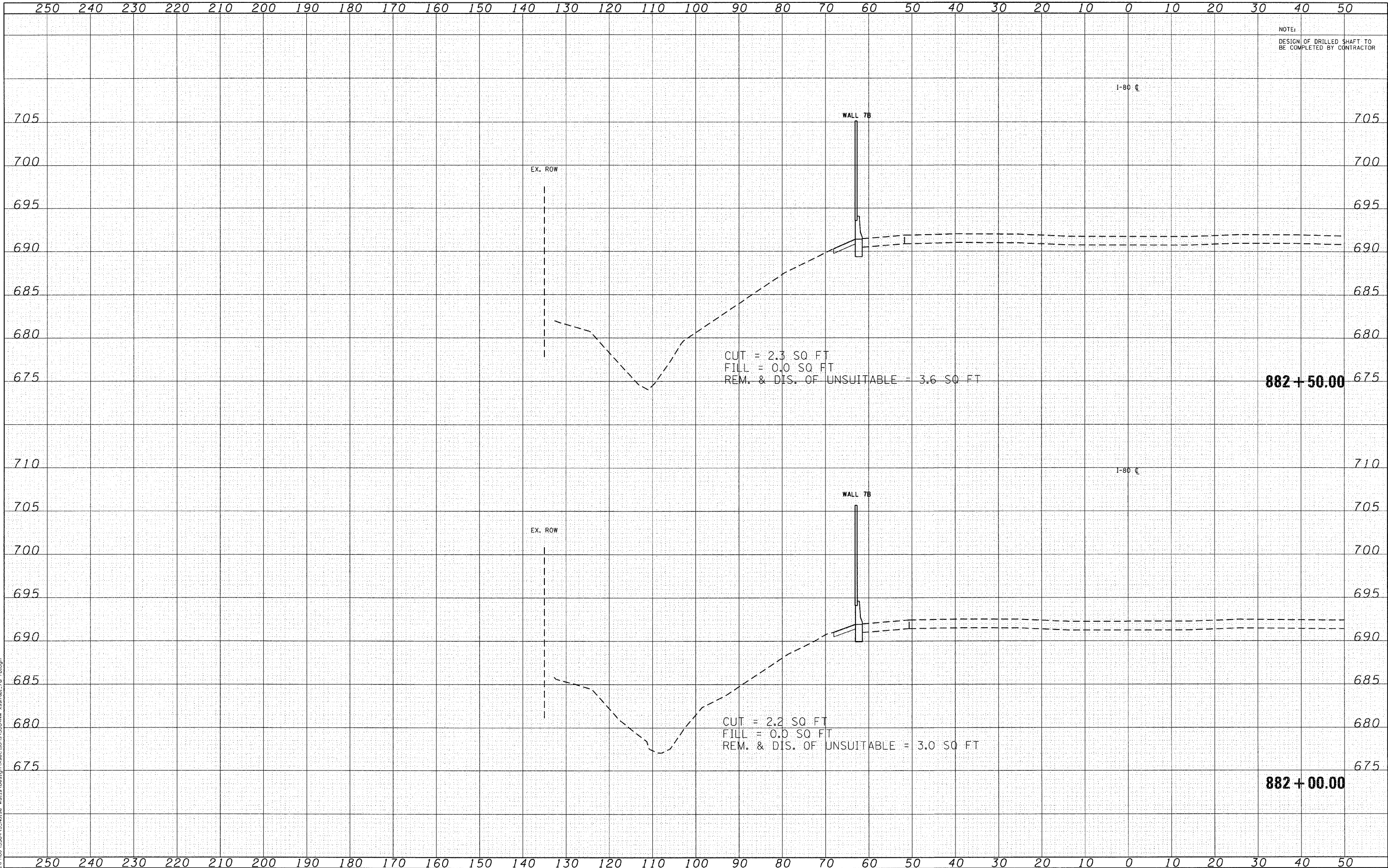
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	DATE - 1/7/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 NOISE ABATEMENT WALLS
CROSS SECTIONS

SCALE: STA. 881+00.00 TO STA. 881+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5R-1	WILL	112	67
CONTRACT NO. 60N86				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



FILE NAME: N:\P001\388\15_Noise_Walls\Design\Sections\388\NW-ssah.dwg 7/27/2011



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CONSULTING ENGINEERS
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Tel. 773.775.4009 Fax 773.775.4014

USER NAME = jkrellman
PLOT SCALE = 10.0000' / IN.
PLOT DATE = 3/23/2011

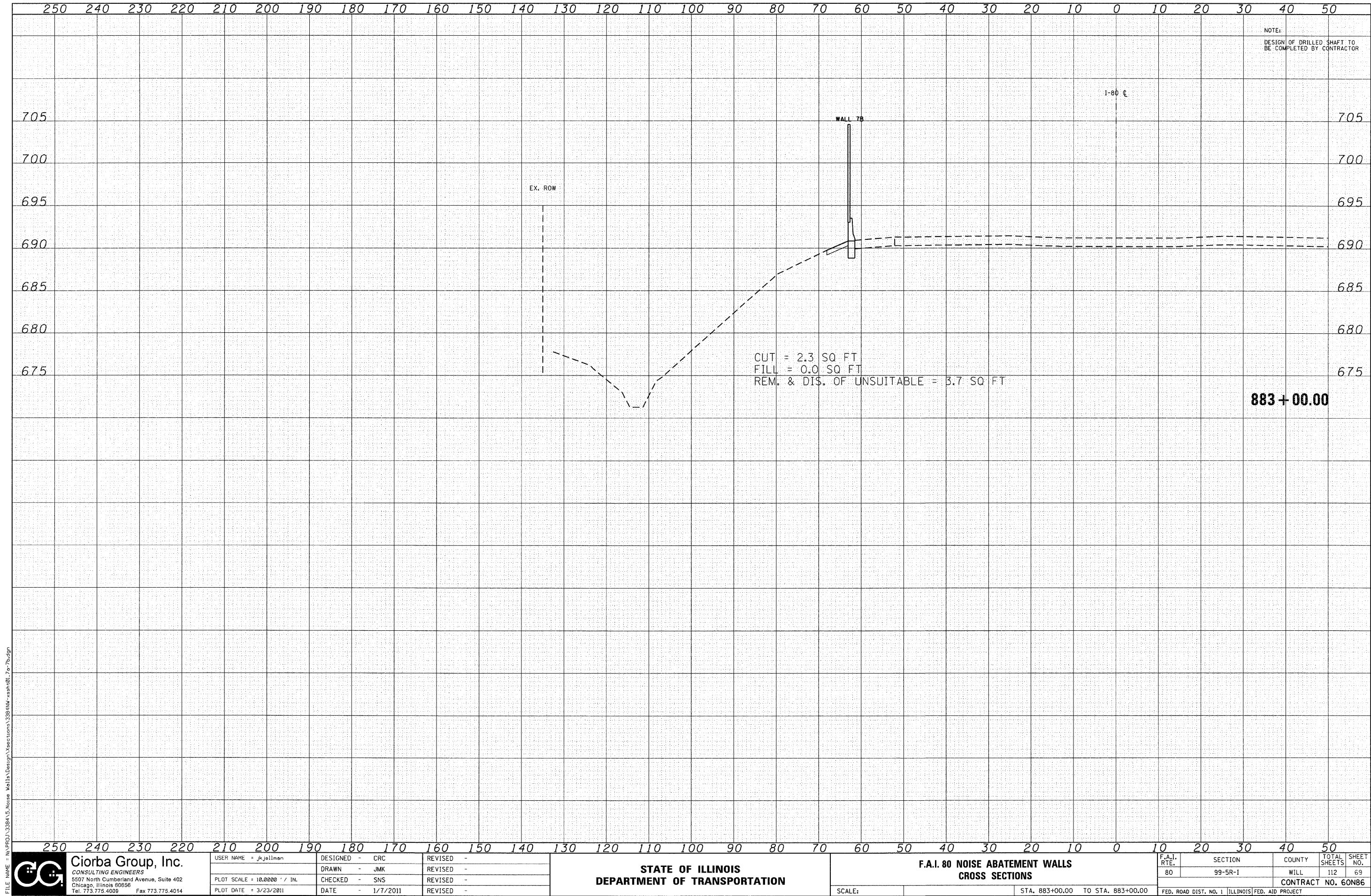
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CHECKED - SNS
DATE - 1/7/2011

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**F.A.I. 80 NOISE ABATEMENT WALLS
CROSS SECTIONS**
SCALE: STA. 882+00.00 TO STA. 882+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-SR-1	WILL	112	68
CONTRACT NO. 60N86				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



FILE NAME : N:\PFD\1338415 Noise Walls\Design\Sections\1338415-NW-ssah01.dgn



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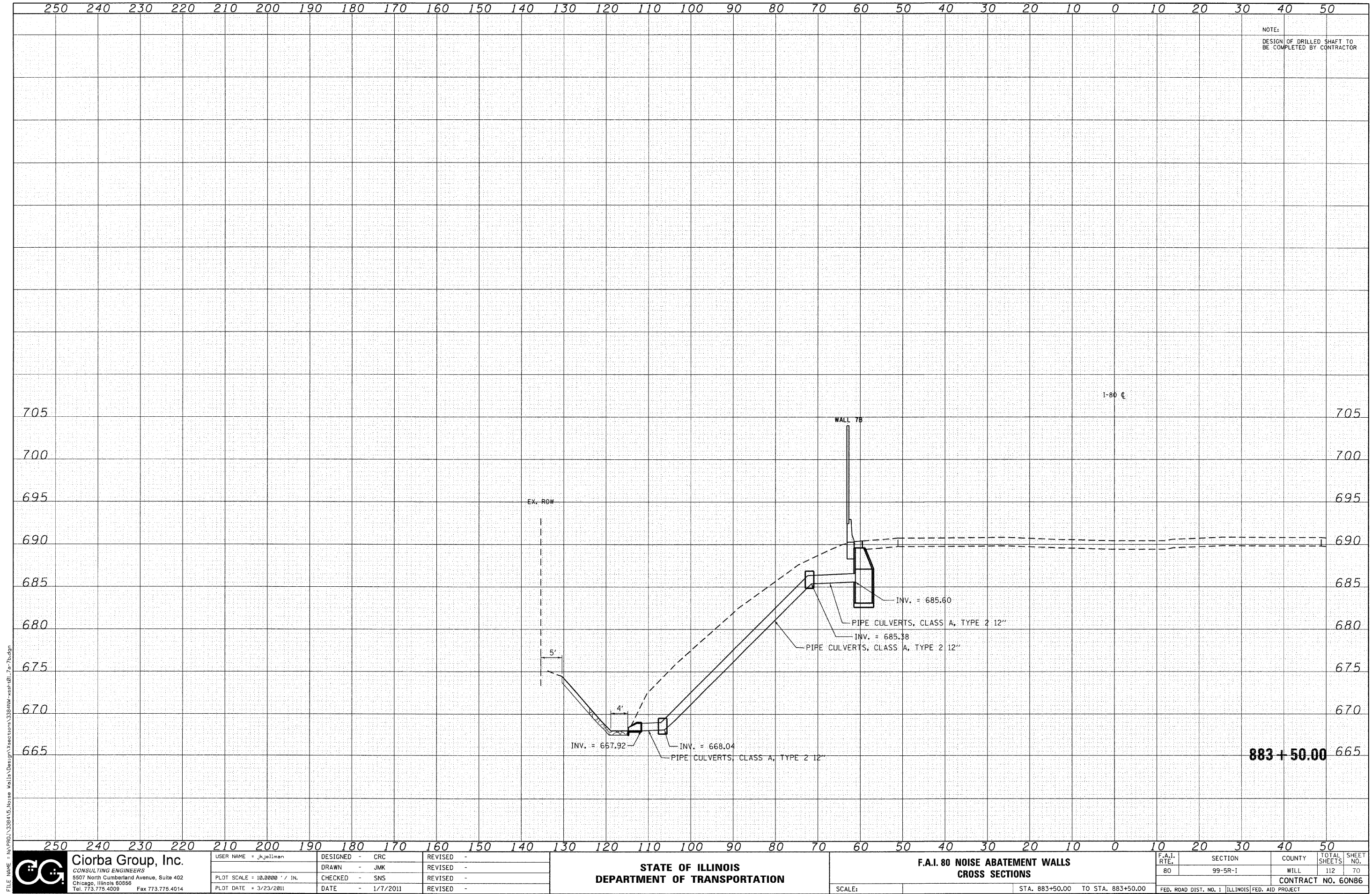
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PLOT DATE = 3/23/2011	DATE - 1/7/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 NOISE ABATEMENT WALLS
CROSS SECTIONS

SCALE: STA. 883+00.00 TO STA. 883+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5R-1	WILL	112	69
CONTRACT NO. 60N86				
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT				



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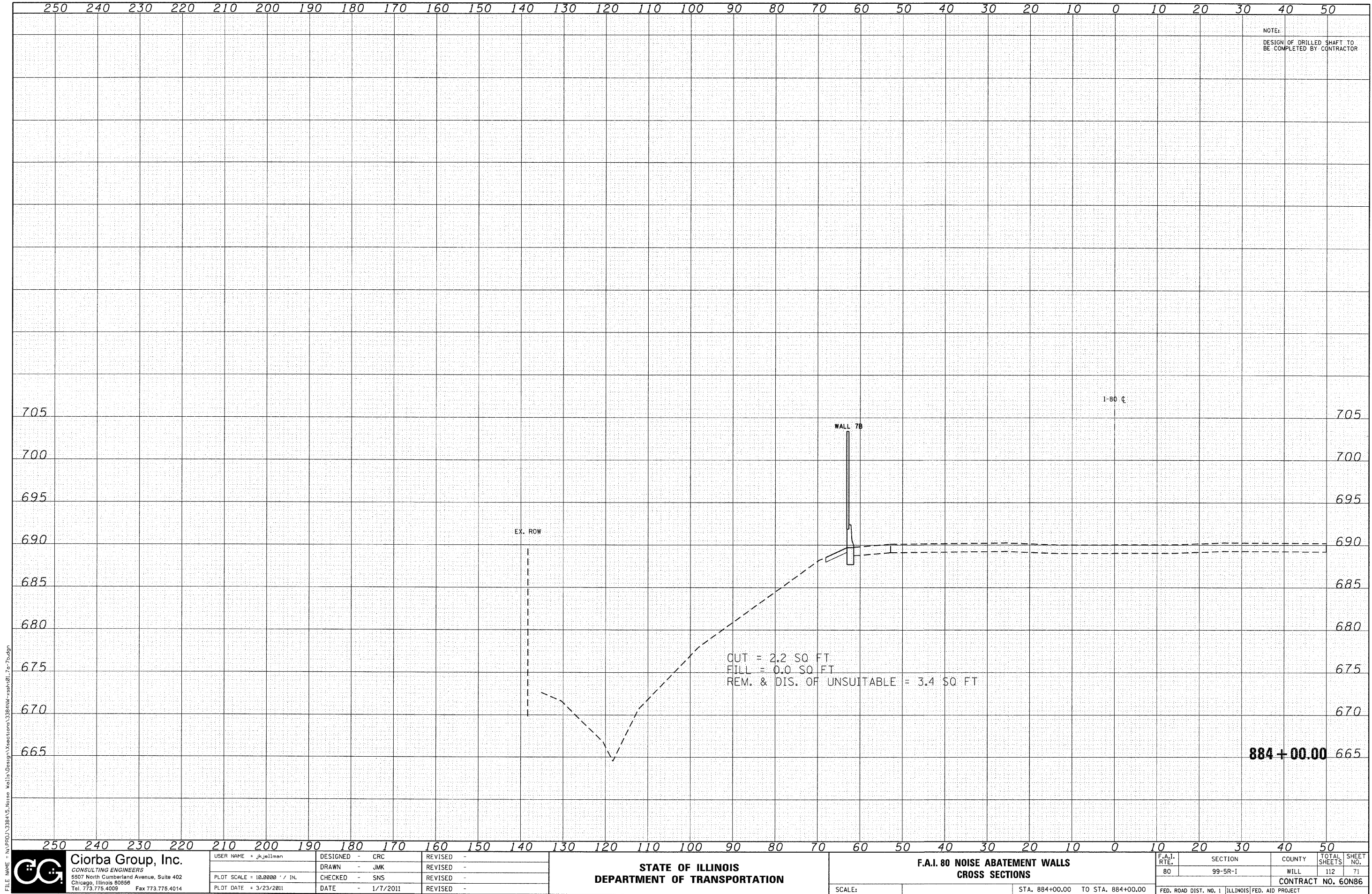
Ciorba Group, Inc.
CONSULTING ENGINEERS
5507 North Cumberland Avenue, Suite 402
Chicago, Illinois 60656
Tel. 773.775.4009 Fax 773.775.4014

USER NAME = jkellman	DESIGNED - CRC	REVISED -
PLOT SCALE = 10.0000' / IN.	DRAWN - JMK	REVISED -
PLOT DATE = 3/23/2011	CHECKED - SNS	REVISED -
	DATE - 1/7/2011	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**F.A.I. 80 NOISE ABATEMENT WALLS
CROSS SECTIONS**
SCALE: STA. 883+50.00 TO STA. 883+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5R-1	WILL	112	70
CONTRACT NO. 60N86				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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Tel. 773.775.4009 Fax 773.775.4014

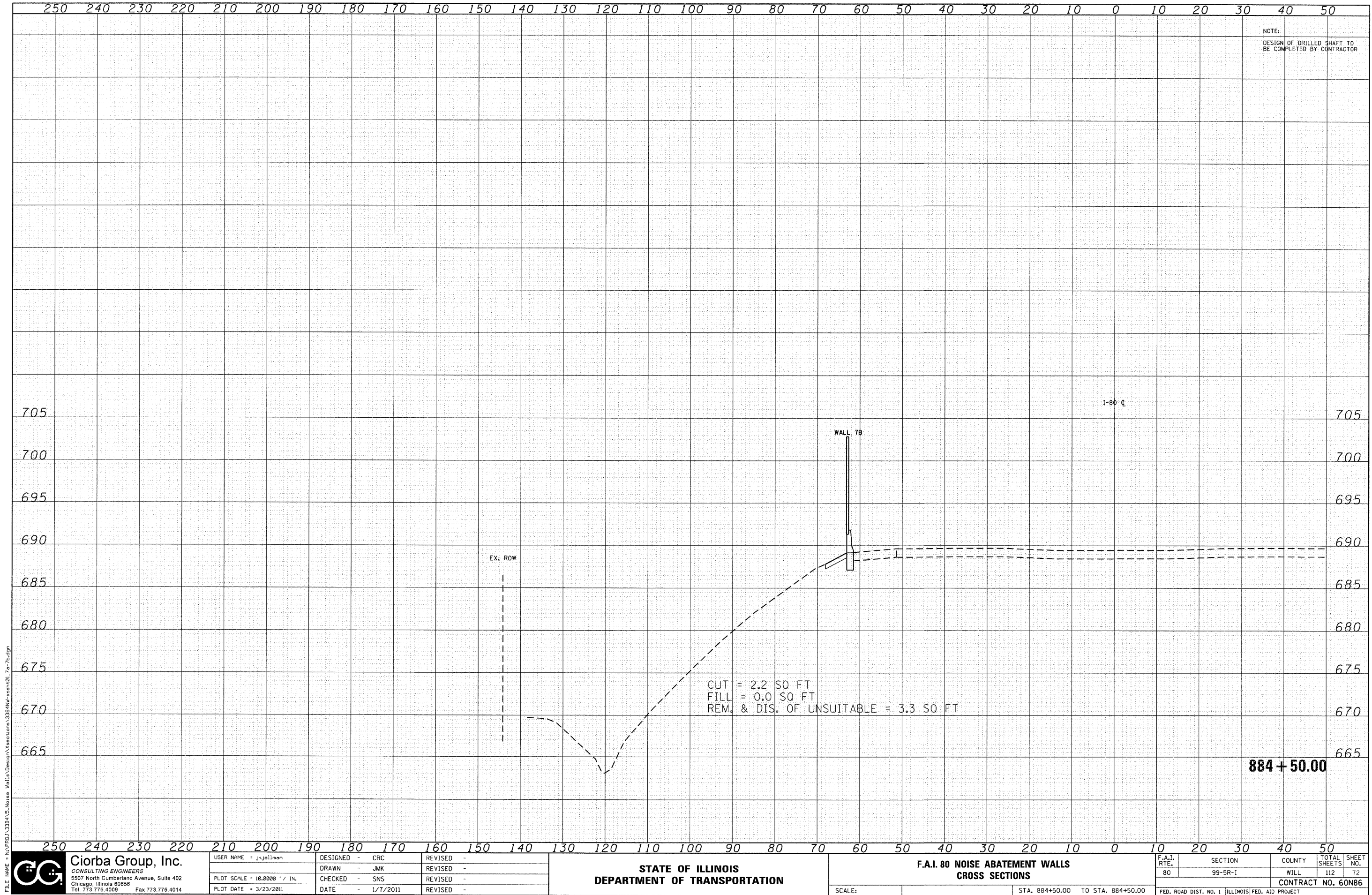
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	DATE - 1/7/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 NOISE ABATEMENT WALLS
CROSS SECTIONS

SCALE: STA. 884+00.00 TO STA. 884+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5R-1	WILL	112	71
CONTRACT NO. 60N86				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



FILE NAME: I:\PROJECTS\338A\5-Noise Walls\Design\Variations\338A-Wall-7a-7b.dgn



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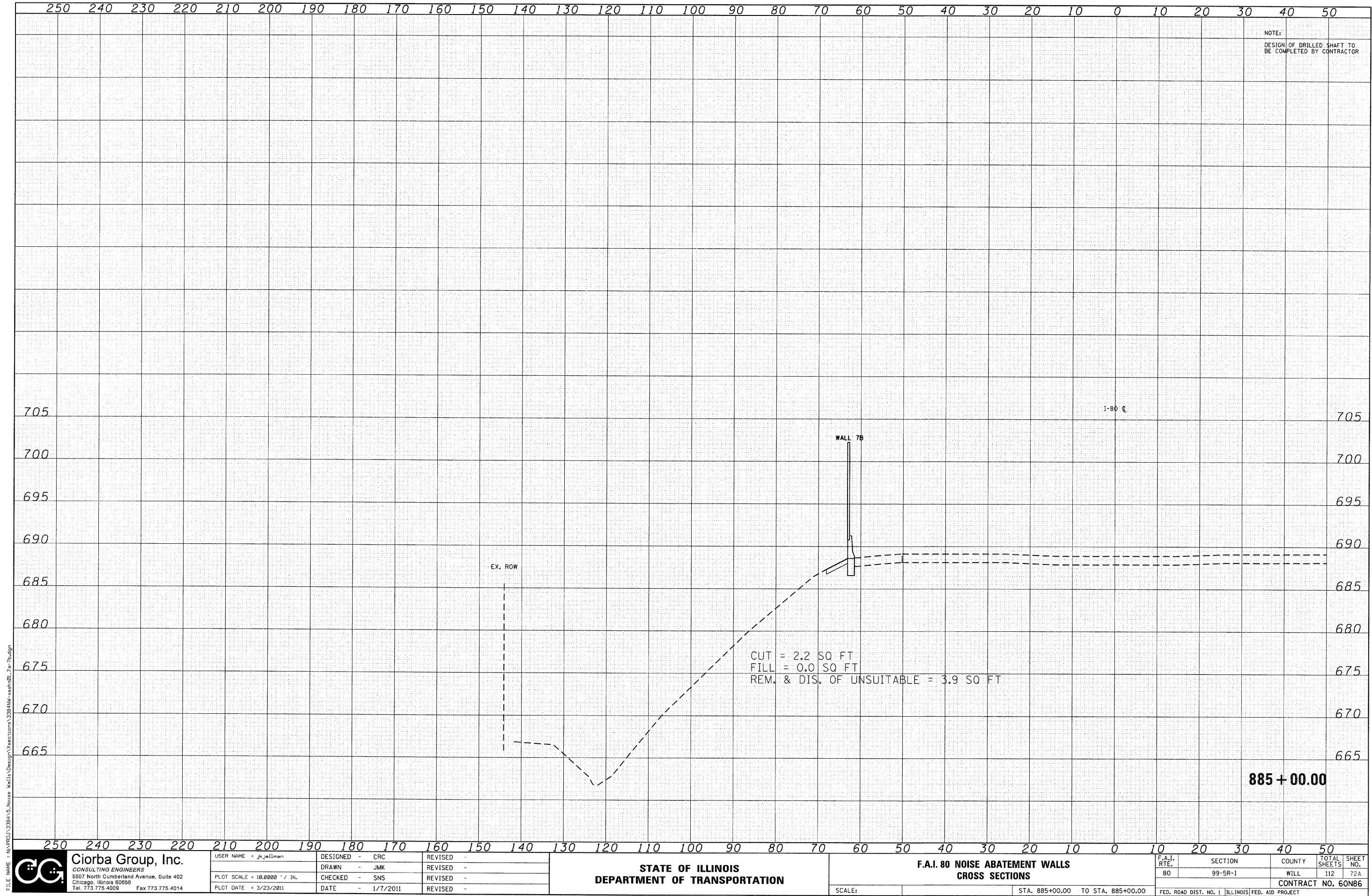
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	DATE - 1/7/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 NOISE ABATEMENT WALLS
CROSS SECTIONS

SCALE: STA. 884+50.00 TO STA. 884+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5R-1	WILL	112	72
CONTRACT NO. 60N86				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



FILE NAME: N:\PROJ\338A\5-Noise Walls\Design\Sections\338-NW-xsh.dwg, 7-2-7-2011



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Tel. 773.775.4009 Fax 773.775.4014

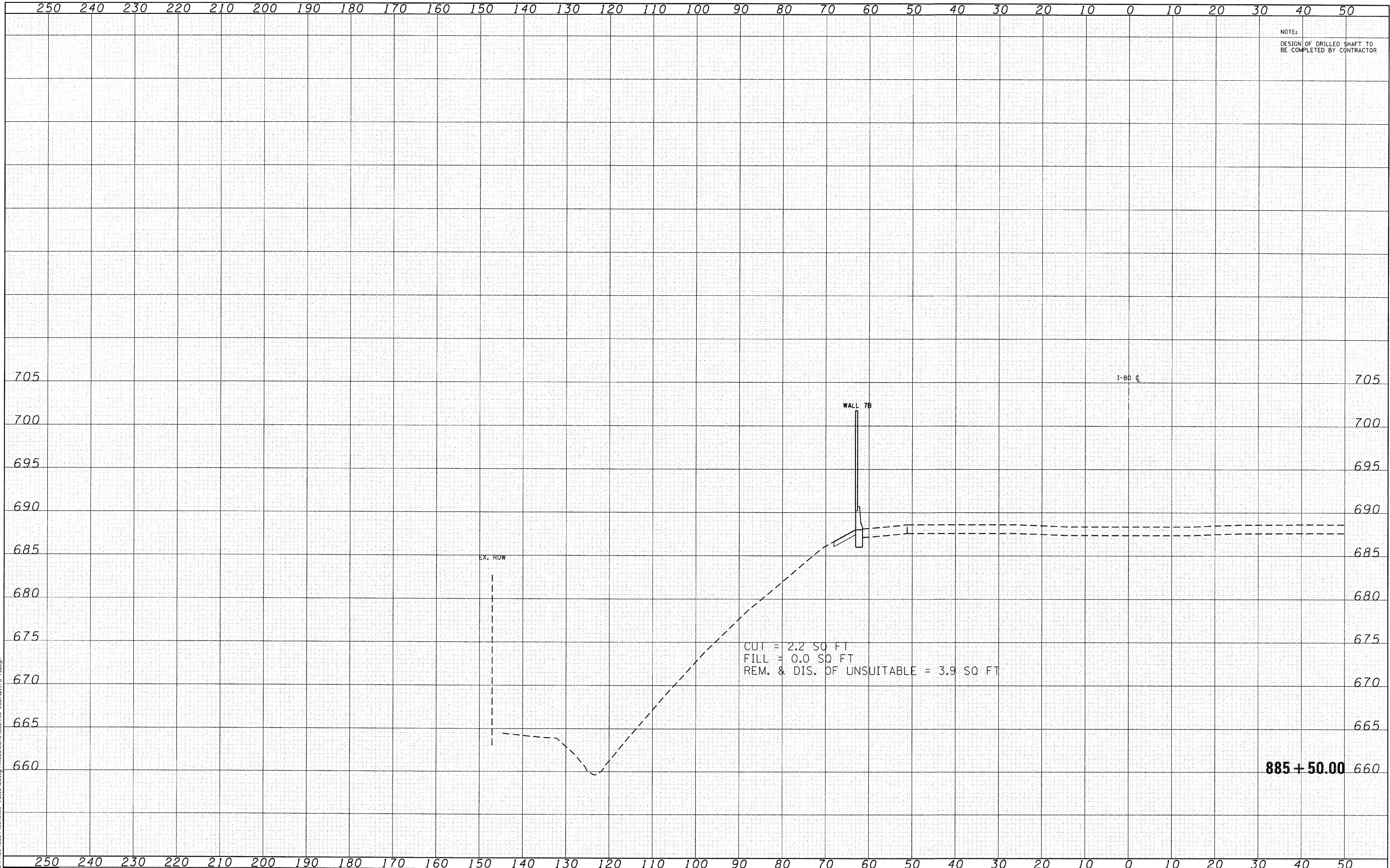
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PLOT DATE = 3/23/2011	DATE - 1/7/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 NOISE ABATEMENT WALLS
CROSS SECTIONS

SCALE: STA. 885+00.00 TO STA. 885+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5R-1	WILL	112	72A
CONTRACT NO. 60N86				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NOTE:
DESIGN OF DRILLED SHAFT TO
BE COMPLETED BY CONTRACTOR

FILE NAME: N:\PROJ\380A\5-Noise Walls\Design\Sections\380A\W-ash-01-7a-7b.dgn



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CONSULTING ENGINEERS
5507 North Cumberland Avenue, Suite 402
Chicago, Illinois 60656
Tel. 773.775.4009 Fax 773.775.4014

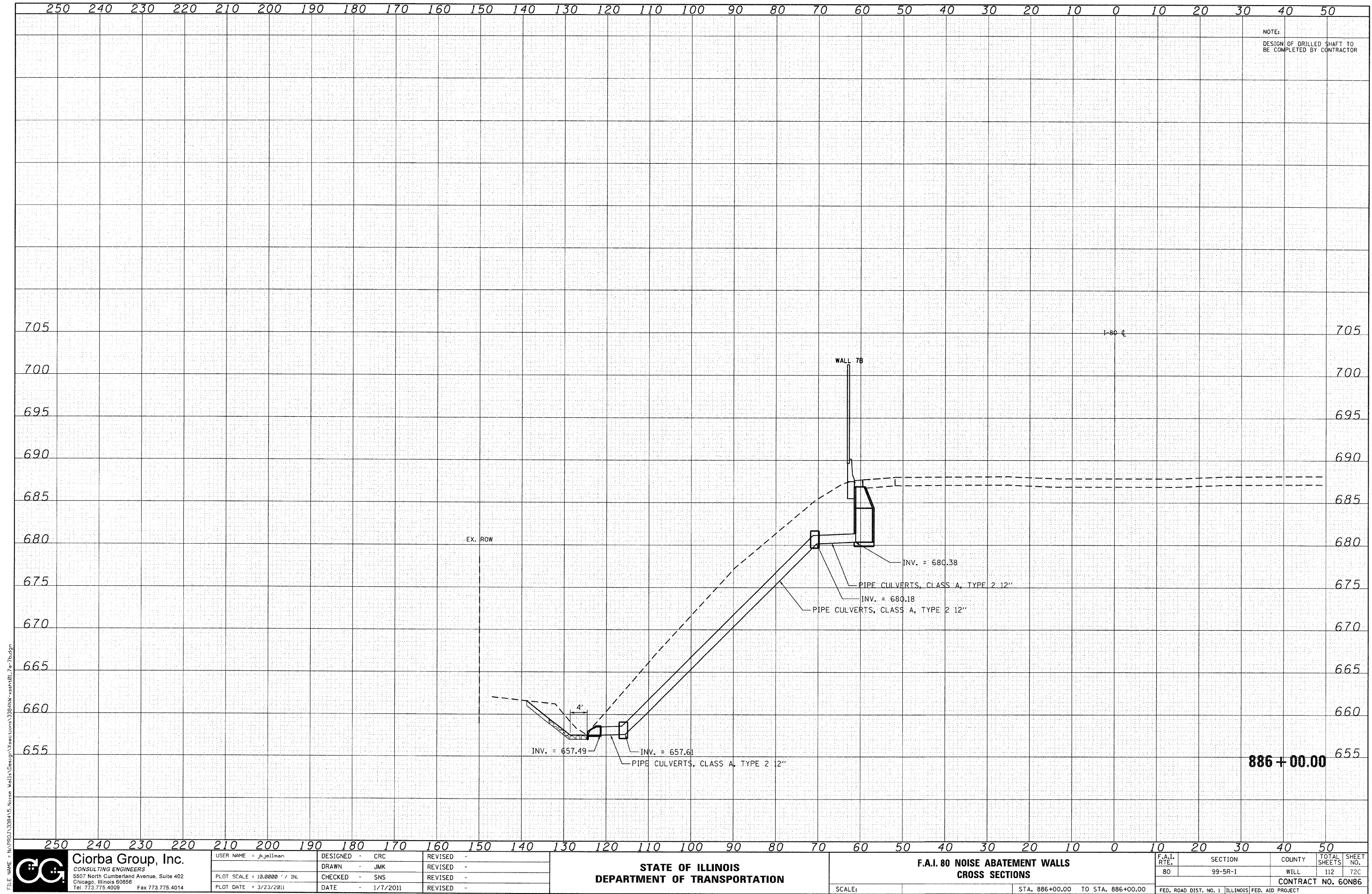
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	DATE - 1/7/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 NOISE ABATEMENT WALLS
CROSS SECTIONS

SCALE: STA. 885+50.00 TO STA. 885+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5R-1	WILL	112	72B
CONTRACT NO. 60N86				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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CONSULTING ENGINEERS
5507 North Cumberland Avenue, Suite 402
Chicago, Illinois 60656
Tel. 773.775.4009 Fax 773.775.4014

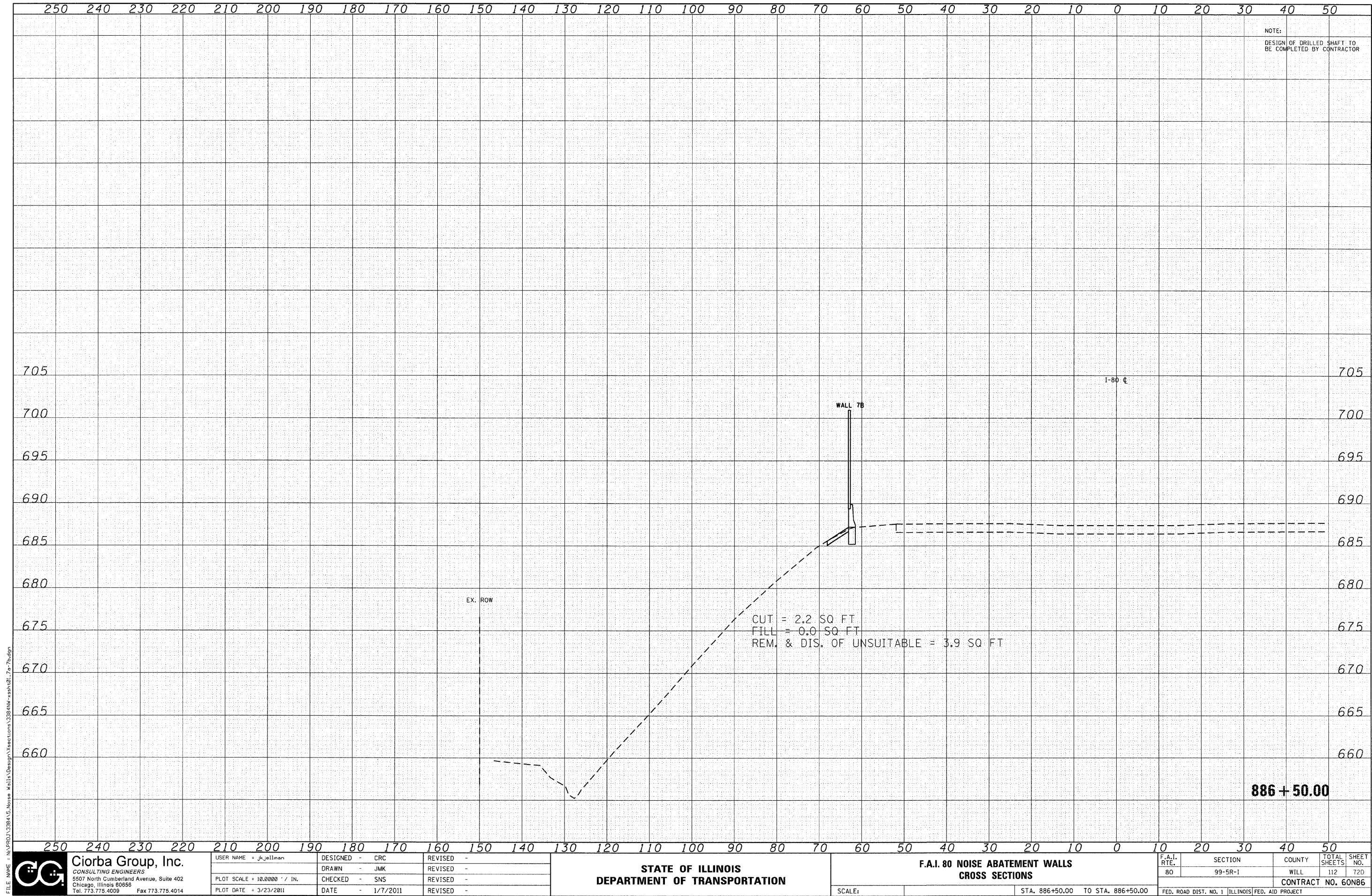
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PLOT DATE = 3/23/2011	CHECKED - SNS	REVISED -
	DATE - 1/7/2011	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**F.A.I. 80 NOISE ABATEMENT WALLS
CROSS SECTIONS**

SCALE: STA. 886+00.00 TO STA. 886+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5R-1	WILL	112	72C
CONTRACT NO. 60N86				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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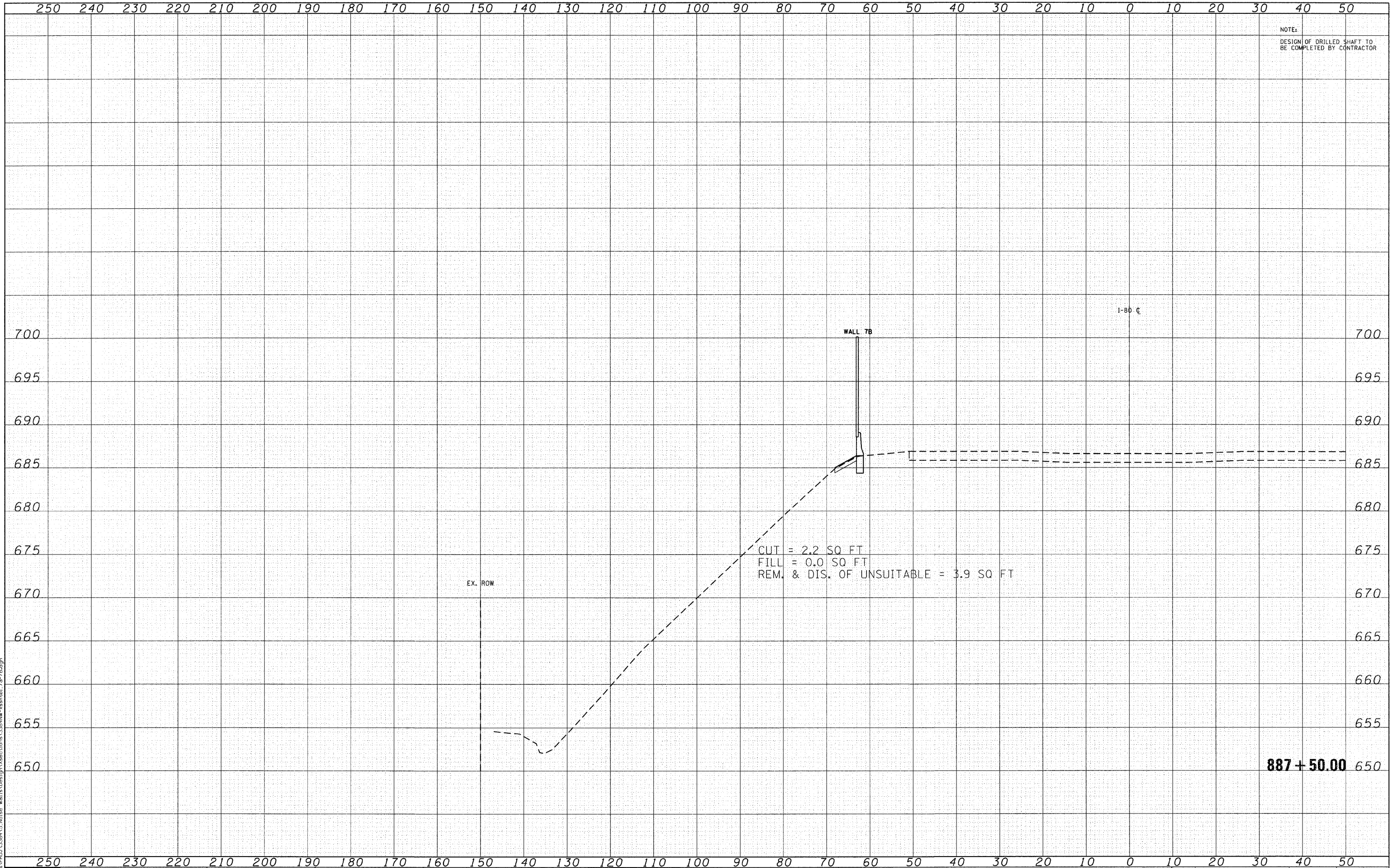
Ciorba Group, Inc.
CONSULTING ENGINEERS
5507 North Cumberland Avenue, Suite 402
Chicago, Illinois 60656
Tel. 773.775.4009 Fax 773.775.4014

USER NAME = jkwellman	DESIGNED - CRC	REVISED -
PLOT SCALE = 10.0000' / IN.	DRAWN - JMK	REVISED -
PLOT DATE = 3/23/2011	CHECKED - SNS	REVISED -
	DATE - 1/7/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 NOISE ABATEMENT WALLS
CROSS SECTIONS
SCALE: STA. 886+50.00 TO STA. 886+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5R-1	WILL	112	720
CONTRACT NO. 60N86				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NOTE:
DESIGN OF DRILLED SHAFT TO
BE COMPLETED BY CONTRACTOR

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CONSULTING ENGINEERS
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Chicago, Illinois 60656
Tel. 773.775.4009 Fax 773.775.4014

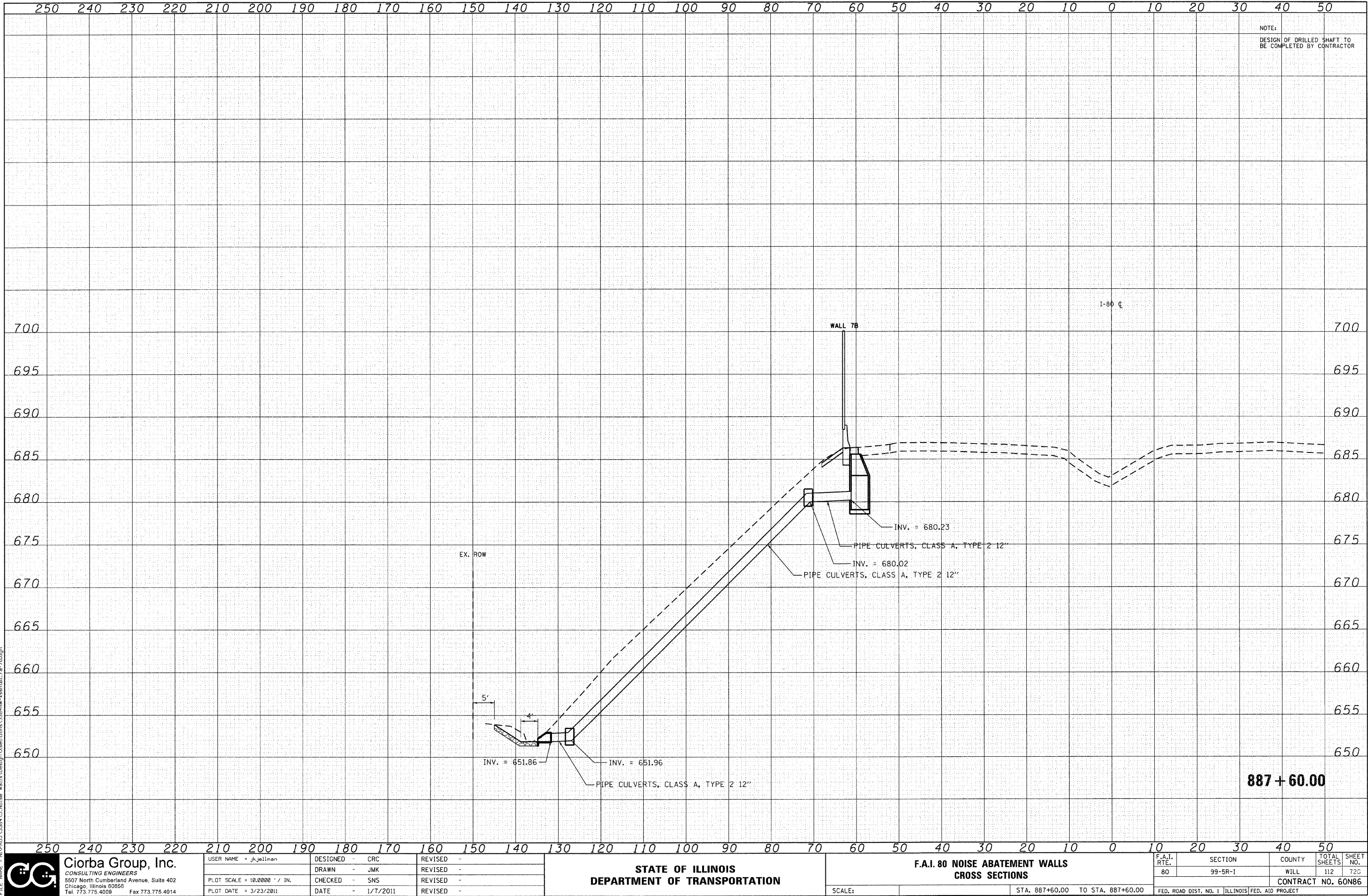
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 NOISE ABATEMENT WALLS
CROSS SECTIONS

SCALE: STA. 887+50.00 TO STA. 887+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5R-1	WILL	112	727
CONTRACT NO. 60N86				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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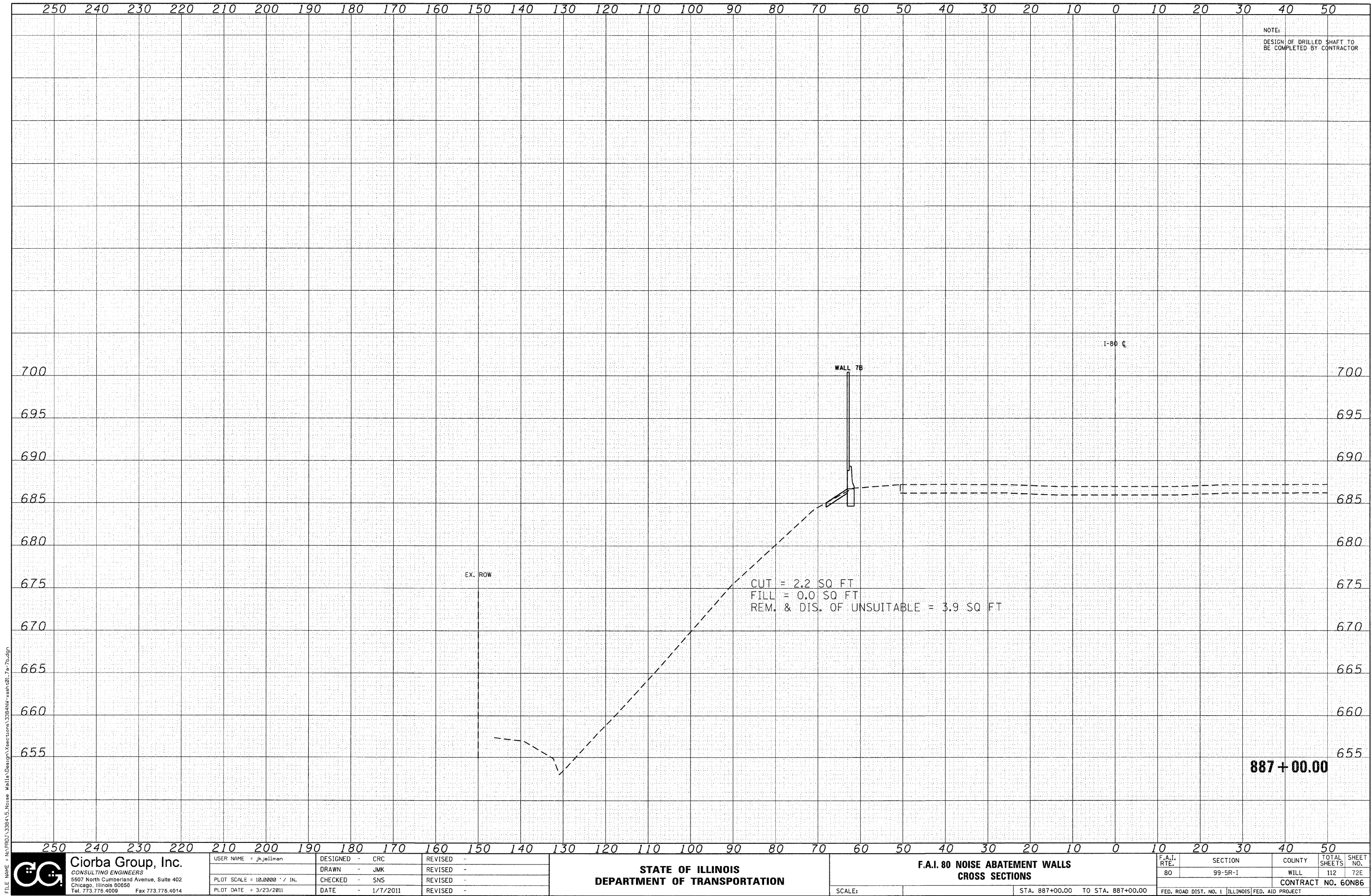
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**F.A.I. 80 NOISE ABATEMENT WALLS
CROSS SECTIONS**

SCALE: STA. 887+60.00 TO STA. 887+60.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5R-1	WILL	112	72G
CONTRACT NO. 60N86				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



FILE NAME = N:\PROJ\3384\5 Noise Walls\Design\Sections\3384NW-ssht-01.dwg



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CONSULTING ENGINEERS
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Tel. 773.775.4009 Fax 773.775.4014

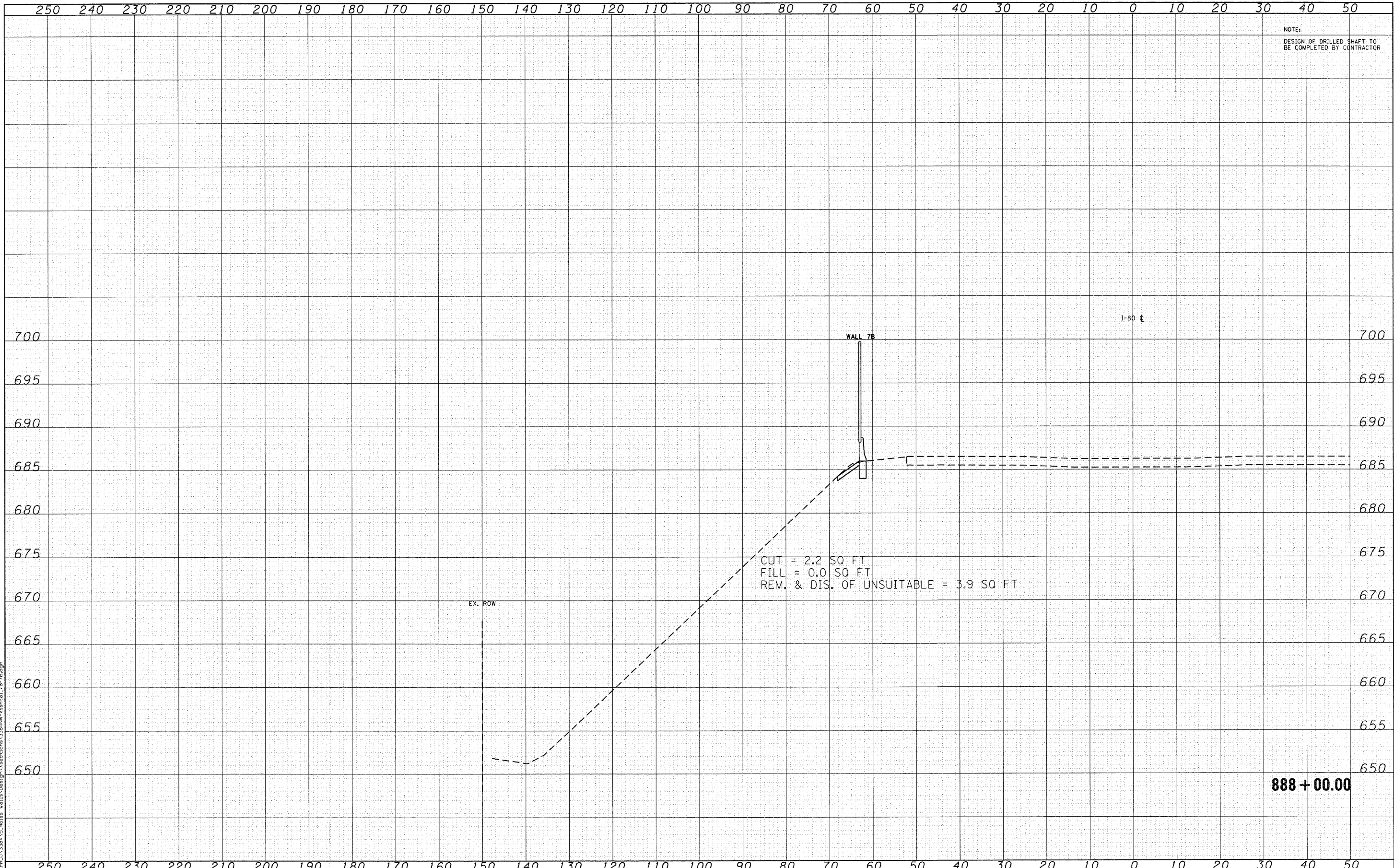
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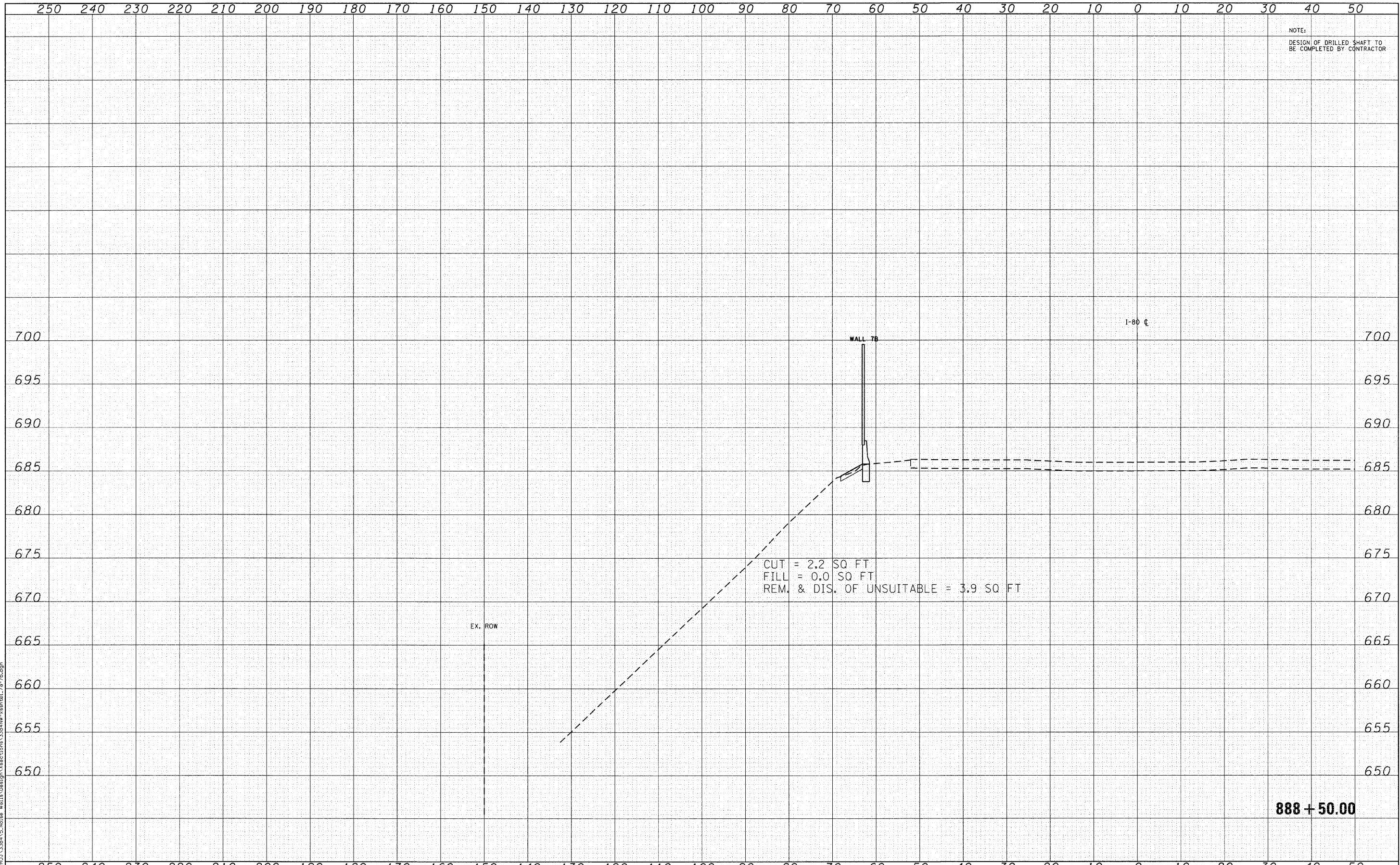
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 NOISE ABATEMENT WALLS
CROSS SECTIONS

SCALE: STA. 887+00.00 TO STA. 887+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5R-1	WILL	112	72E
CONTRACT NO. 60N86				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				





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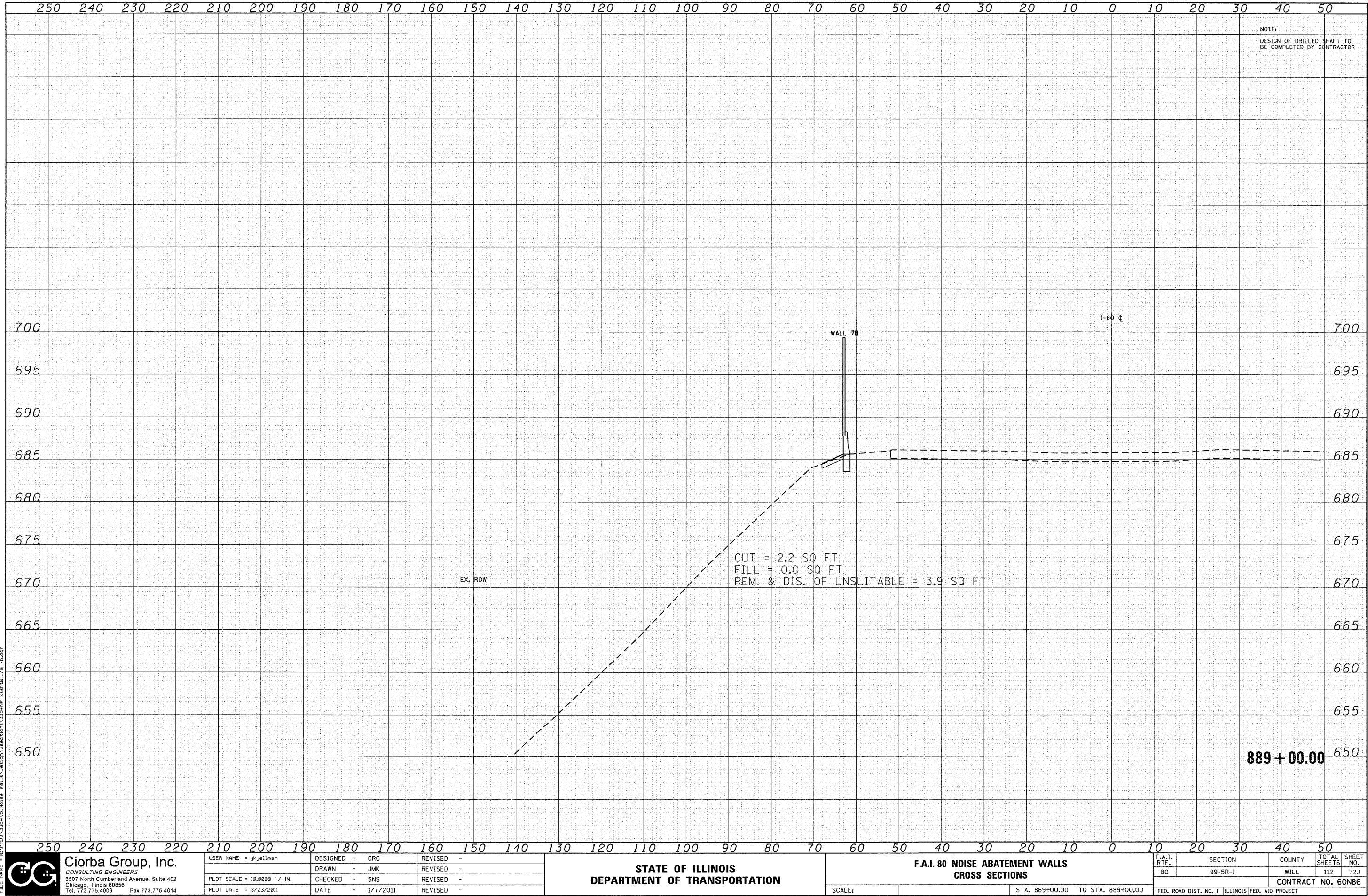
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PLOT DATE = 3/23/2011	DATE - 1/7/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 NOISE ABATEMENT WALLS
CROSS SECTIONS

SCALE: STA. 888+50.00 TO STA. 888+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5R-1	WILL	112	721
CONTRACT NO. 60N86				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



FILE NAME = N:\PROJ\3384\5-Noise Walls\Design\Sections\3384NW-x-sh01.dwg 7/2/2011



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CONSULTING ENGINEERS
5507 North Cumberland Avenue, Suite 402
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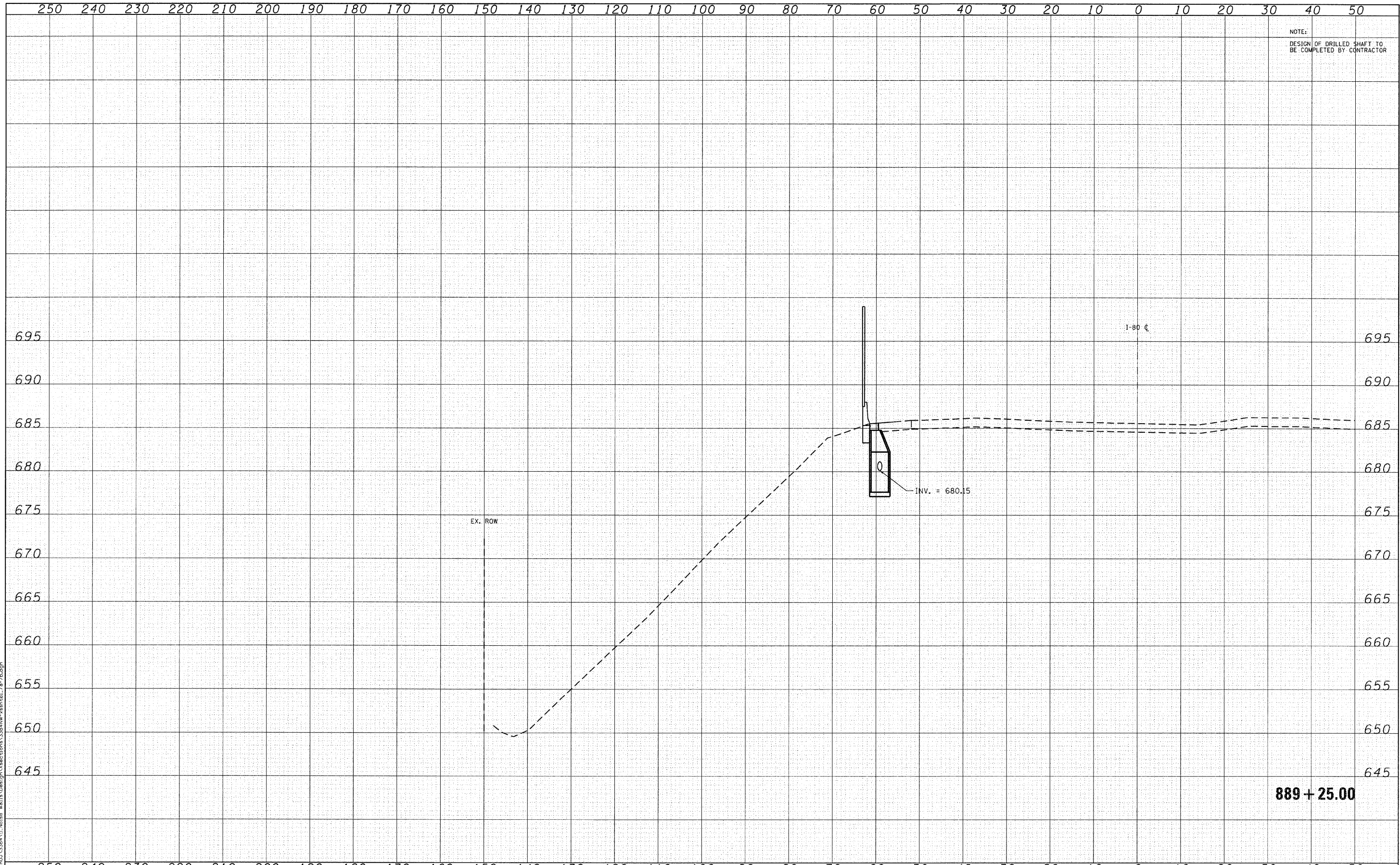
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	DATE - 1/7/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 NOISE ABATEMENT WALLS
CROSS SECTIONS

SCALE: STA. 889+00.00 TO STA. 889+00.00

F.A.I. RTE. 80	SECTION 99-5R-I	COUNTY WILL	TOTAL SHEETS 112	SHEET NO. 72J
CONTRACT NO. 60N86				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NOTE:
DESIGN OF DRILLED SHAFT TO
BE COMPLETED BY CONTRACTOR

FILE NAME: N:\P001\384\5 Noise Walls Design\Sections\384\NW-xsh.dwg 7/27/2011



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Tel. 773.775.4009 Fax 773.775.4014

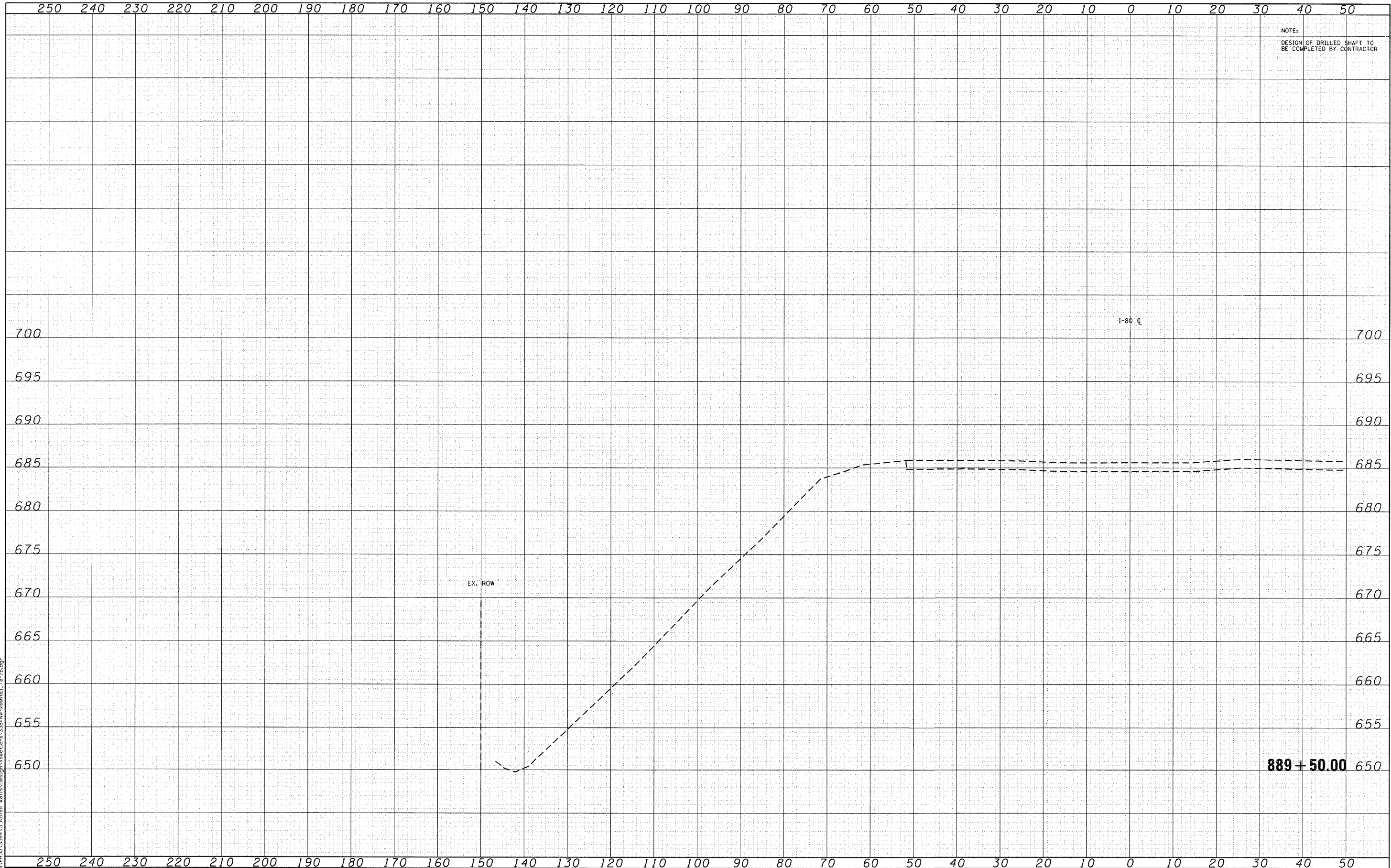
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PLOT DATE = 3/23/2011	CHECKED - SNS	REVISED -
	DATE - 1/7/2011	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**F.A.I. 80 NOISE ABATEMENT WALLS
CROSS SECTIONS**

SCALE: STA. 889+25.00 TO STA. 889+25.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-SR-1	WILL	112	72K
CONTRACT NO. 60N86				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



FILE NAME: N:\VPD\1384\5 Noise Walls\Design\Sections\384W-x-sh.dgn



Ciorba Group, Inc.
CONSULTING ENGINEERS
5507 North Cumberland Avenue, Suite 402
Chicago, Illinois 60656
Tel. 773.775.4009 Fax 773.775.4014

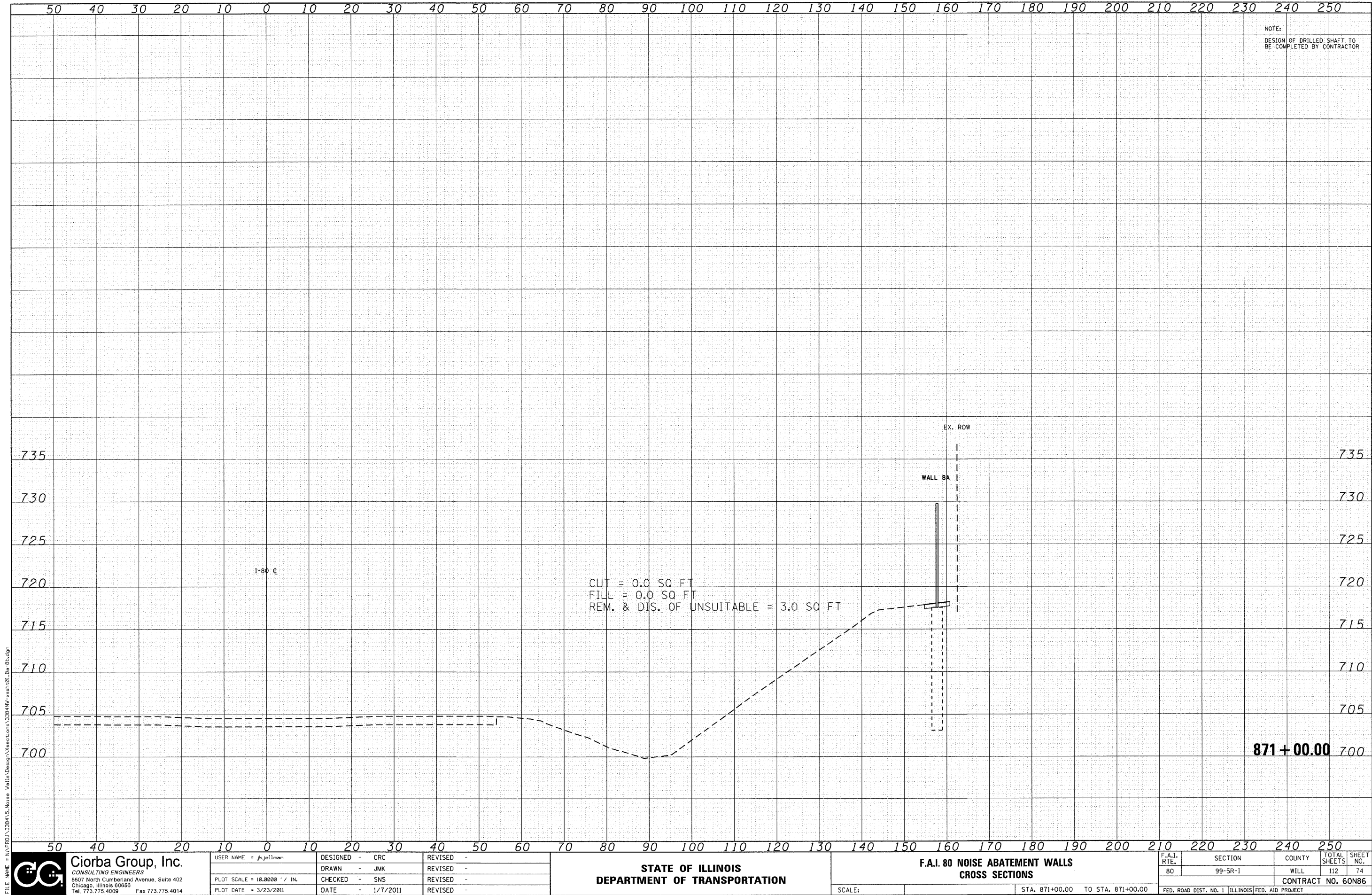
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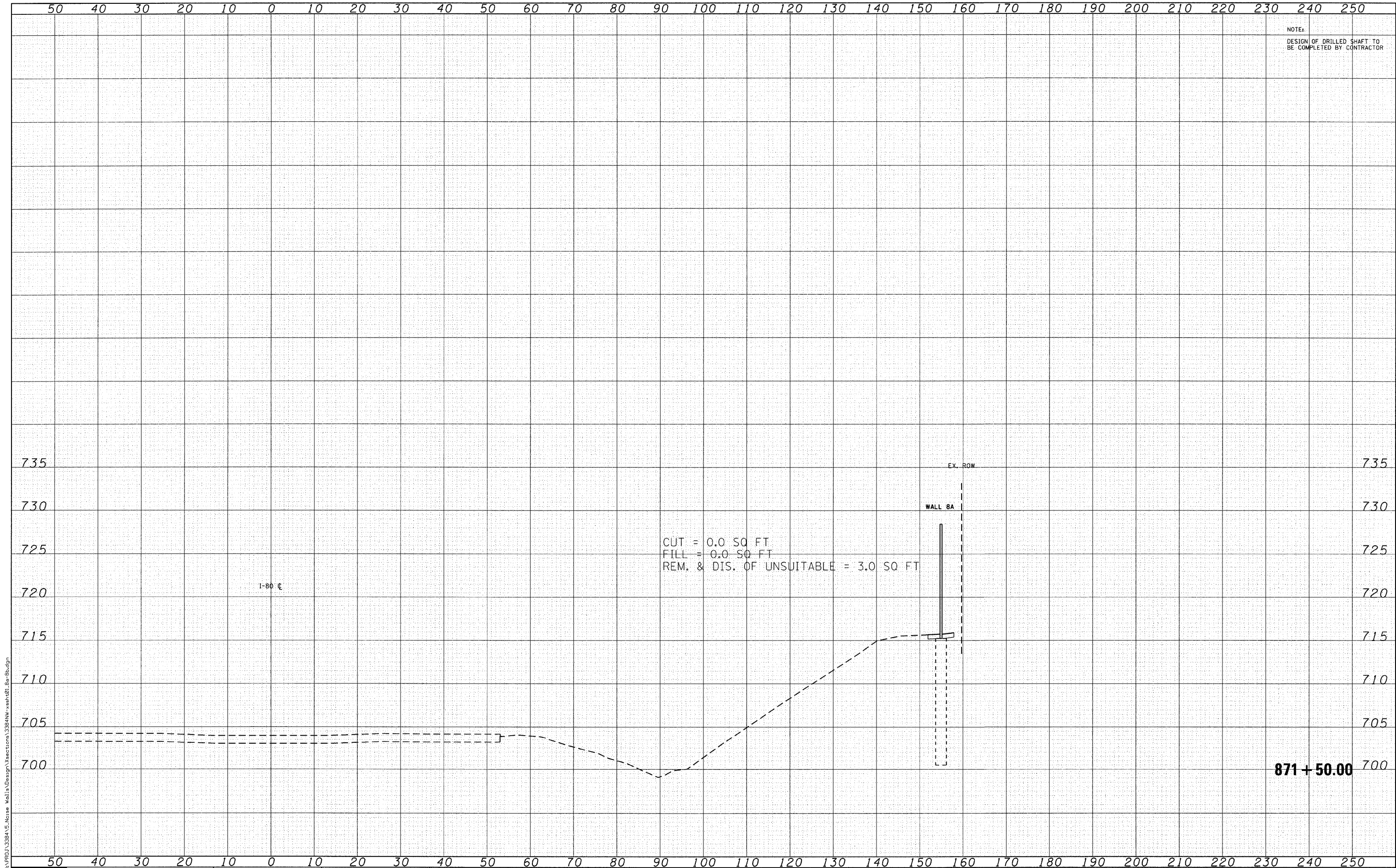
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 NOISE ABATEMENT WALLS
CROSS SECTIONS

SCALE: STA. 889+50.00 TO STA. 889+50.00

F.A.I. RTE. 80	SECTION 99-5R-1	COUNTY WILL	TOTAL SHEETS 112	SHEET NO. 721
CONTRACT NO. 60N86				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				





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Chicago, Illinois 60656
Tel. 773.775.4009 Fax 773.775.4014

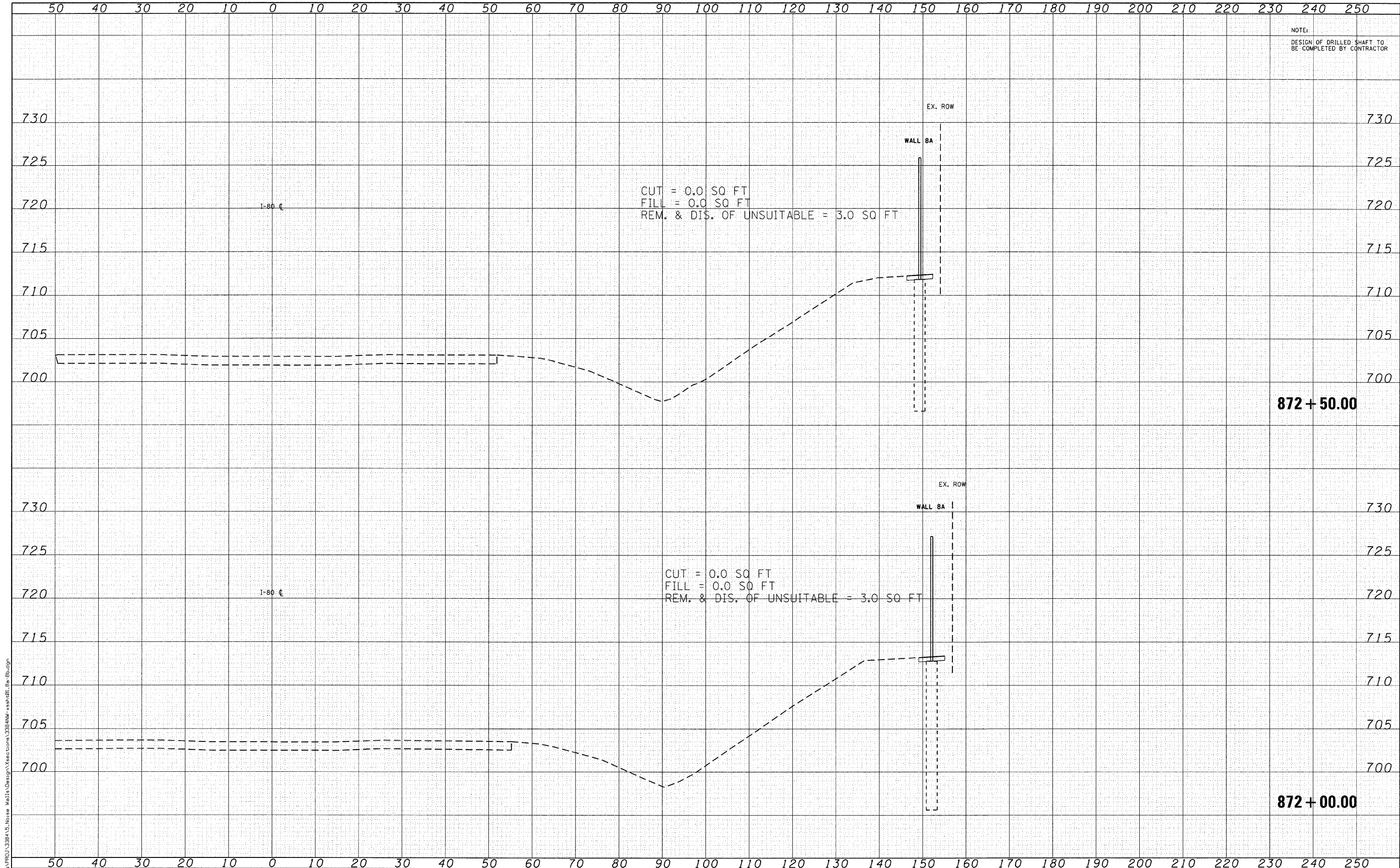
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PLOT DATE = 3/23/2011	CHECKED - SNS	REVISED -
	DATE - 1/7/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 NOISE ABATEMENT WALLS
CROSS SECTIONS

SCALE: STA. 871+50.00 TO STA. 871+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5R-1	WILL	112	75
CONTRACT NO. 60N86				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



FILE NAME = N:\PROJECTS\38A\5-Noise Walls\Design\Sections\38A\W-872+00.8e-B.dgn



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Chicago, Illinois 60656
Tel: 773.775.4009 Fax 773.775.4014

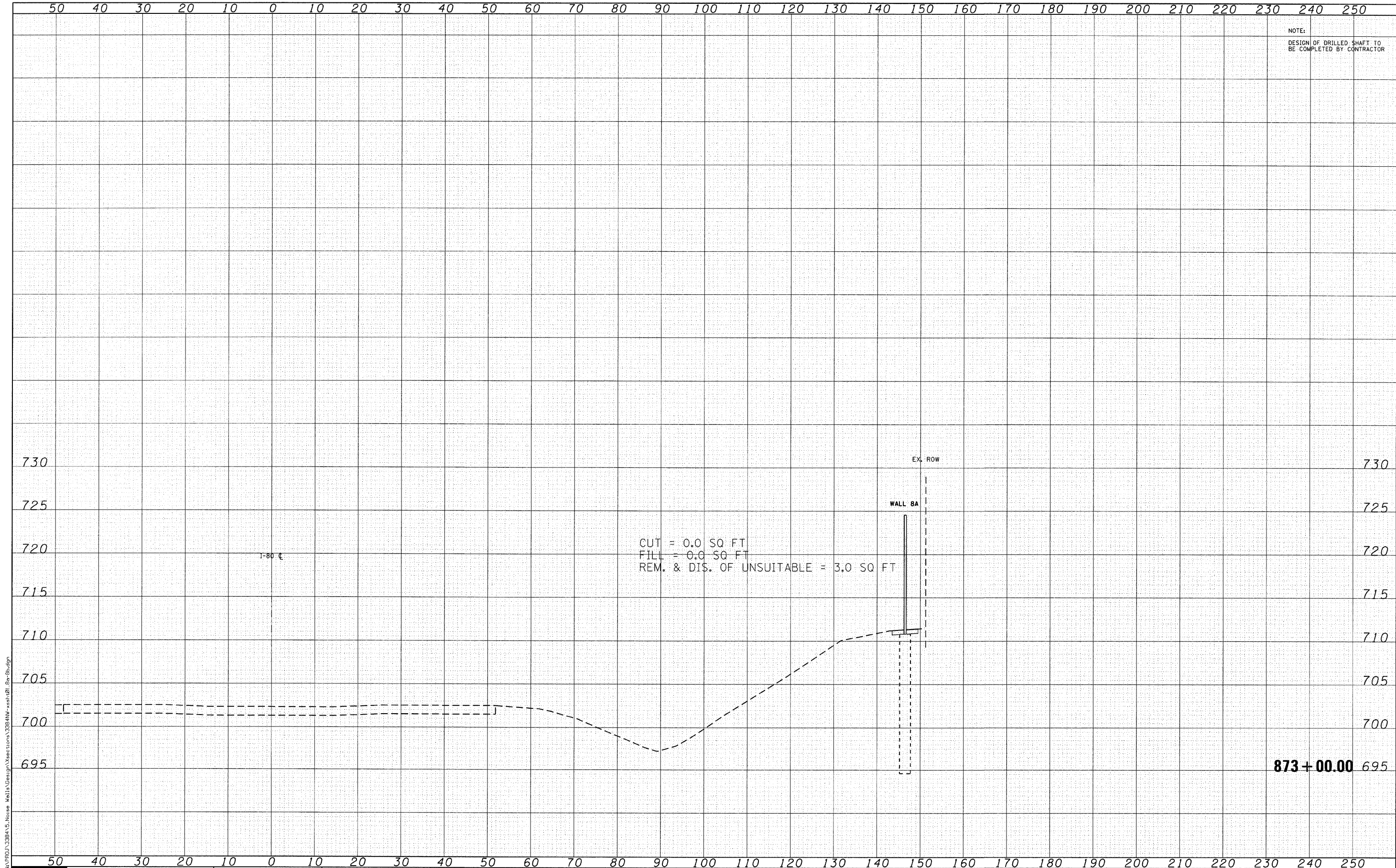
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PLOT DATE = 3/23/2011	DATE - 1/7/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 NOISE ABATEMENT WALLS
CROSS SECTIONS

SCALE: STA. 872+00.00 TO STA. 872+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5R-1	WILL	112	76
CONTRACT NO. 60N86				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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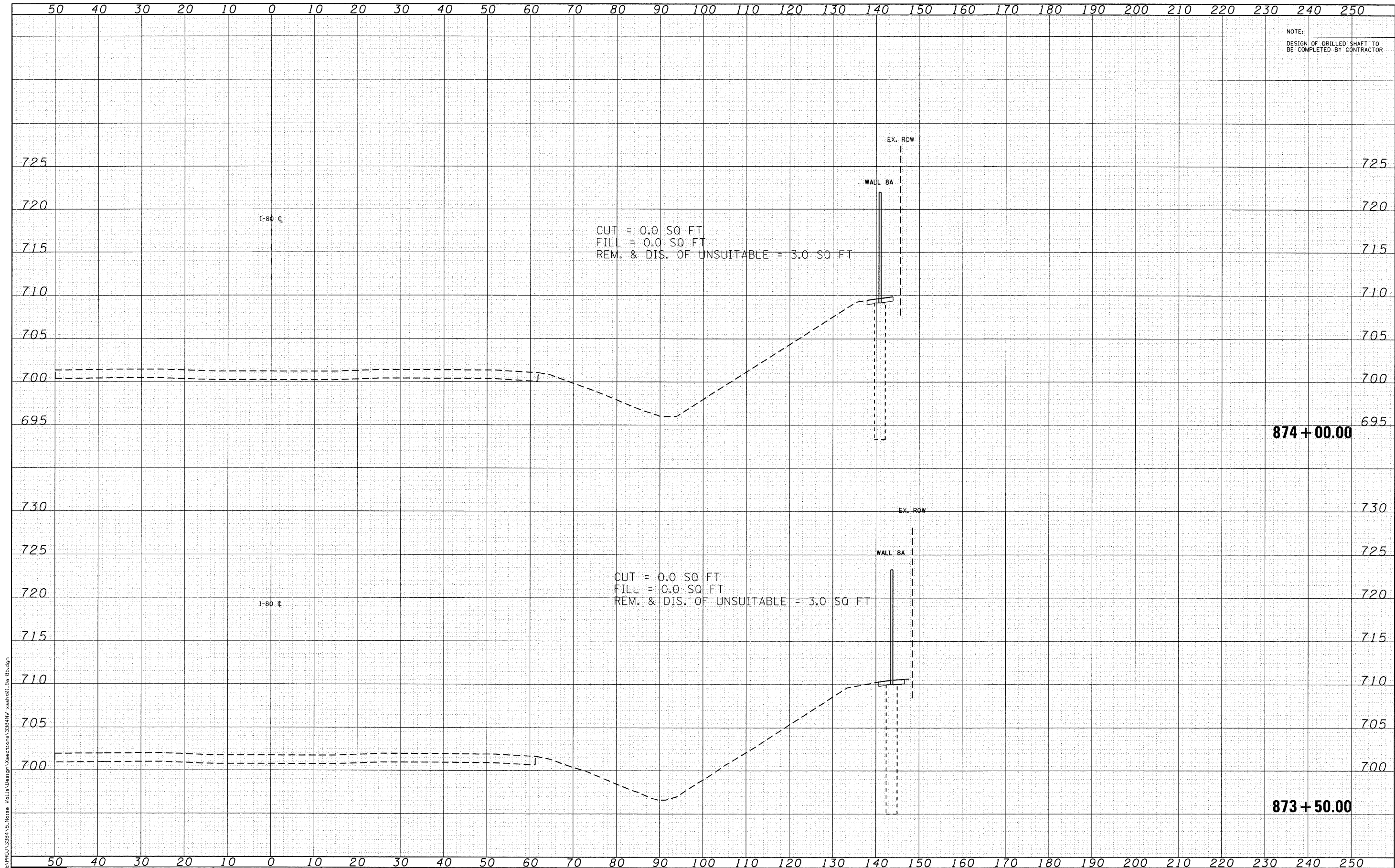
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PLOT DATE = 3/23/2011	CHECKED - SNS	REVISED -
	DATE - 1/7/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 NOISE ABATEMENT WALLS
CROSS SECTIONS

SCALE: STA. 873+00.00 TO STA. 873+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5R-1	WILL	112	77
CONTRACT NO. 60N86				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NOTE:
DESIGN OF DRILLED SHAFT TO
BE COMPLETED BY CONTRACTOR

CUT = 0.0 SQ FT
FILL = 0.0 SQ FT
REM. & DIS. OF UNSUITABLE = 3.0 SQ FT

874 + 00.00

CUT = 0.0 SQ FT
FILL = 0.0 SQ FT
REM. & DIS. OF UNSUITABLE = 3.0 SQ FT

873 + 50.00

FILE NAME: N:\PROJ\338A\5 Noise Walls\Design\Sections\338A-W-x-sh-101.8a-9b.dgn



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Chicago, Illinois 60656
Tel. 773.775.4009 Fax 773.775.4014

USER NAME = jkajalman
PLOT SCALE = 10.0000' / 1" IN.
PLOT DATE = 3/23/2011

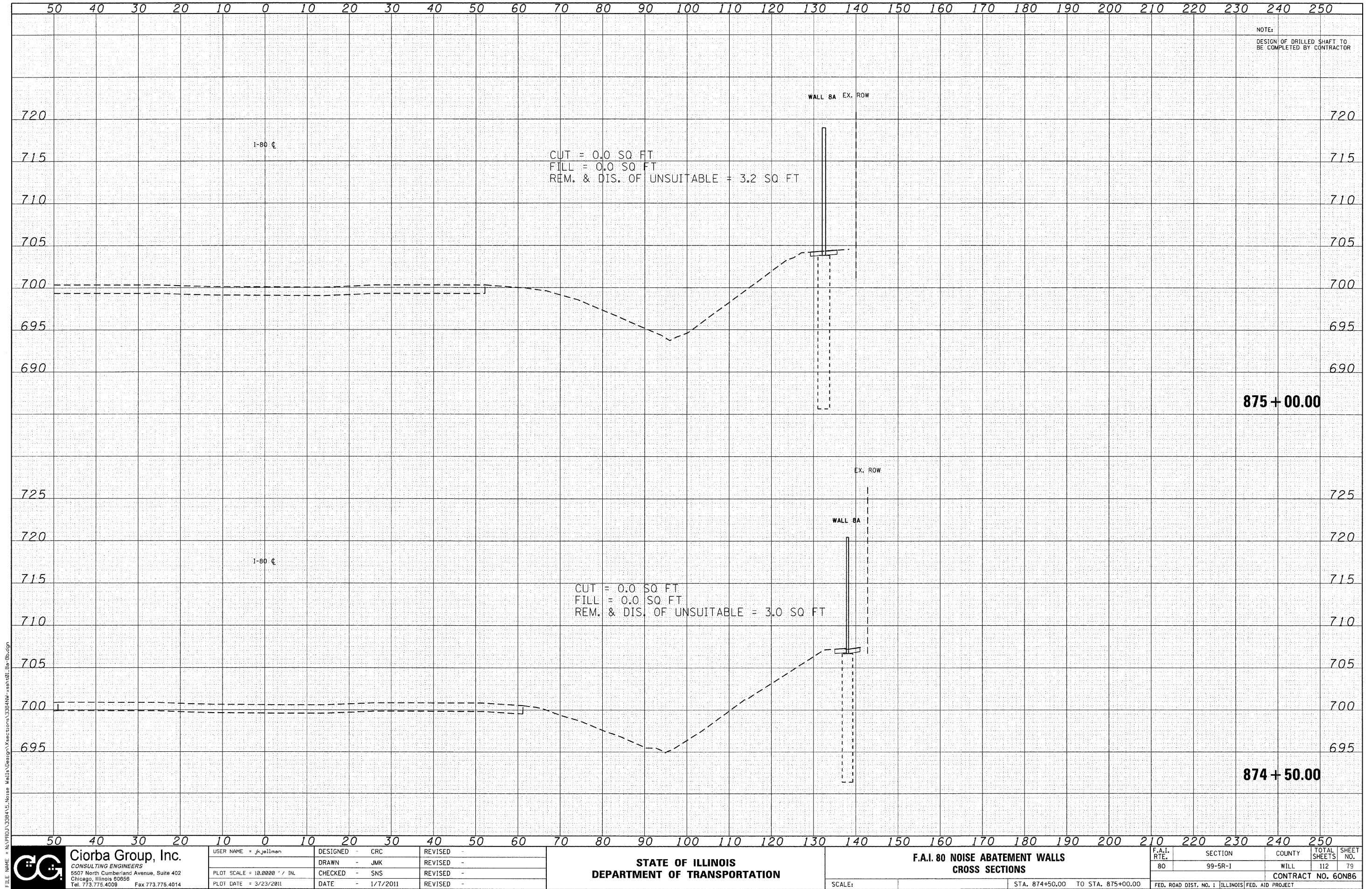
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DATE - 1/7/2011	REVISED -

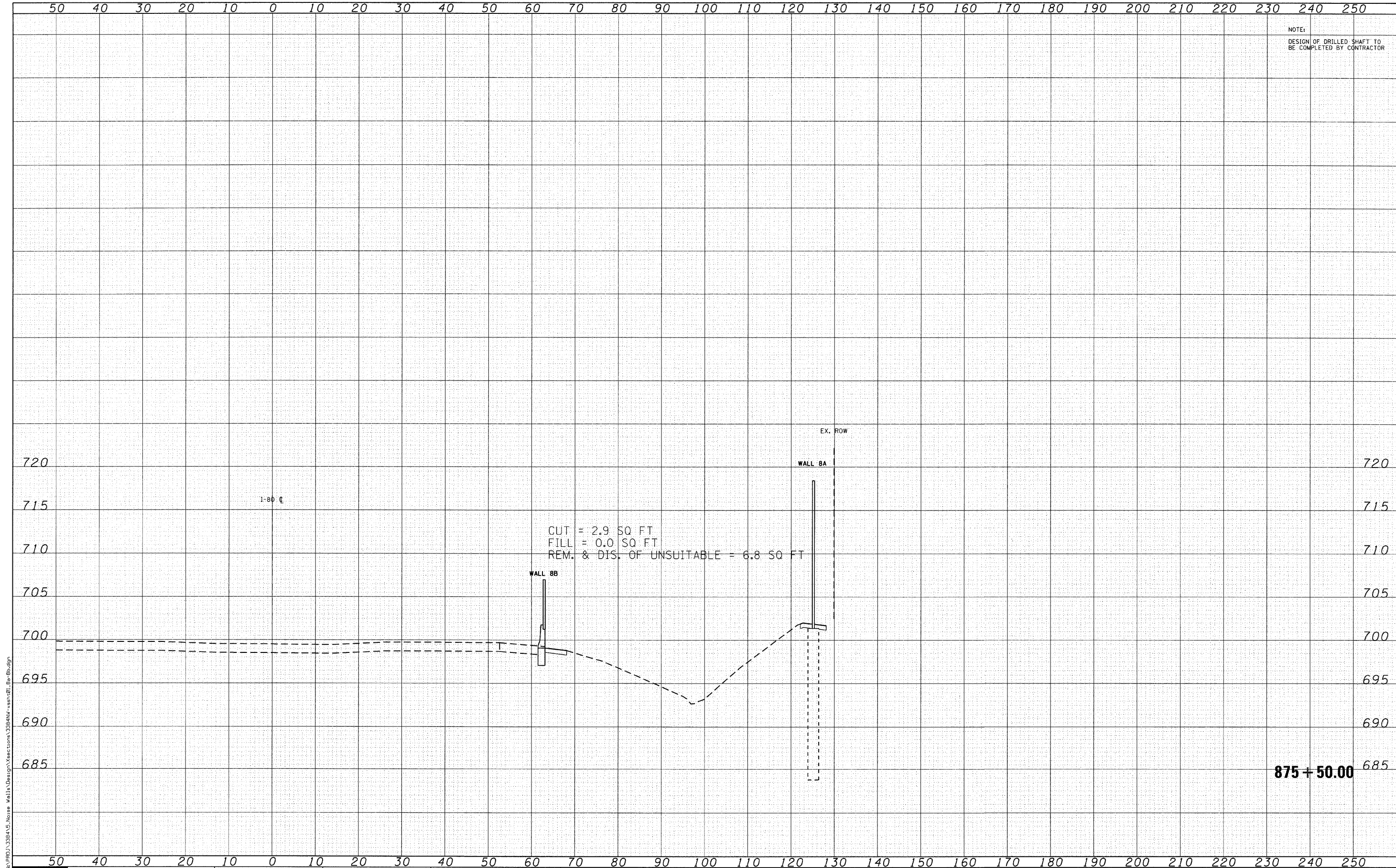
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 NOISE ABATEMENT WALLS
CROSS SECTIONS

SCALE: STA. 873+50.00 TO STA. 874+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5R-1	WILL	112	78
CONTRACT NO. 60N86				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				





NOTE:
DESIGN OF DRILLED SHAFT TO
BE COMPLETED BY CONTRACTOR

FILE NAME = N:\PROJ\384\5-Noise Walls\Design\Sections\384NW+wall+81_Ba8b.dgn



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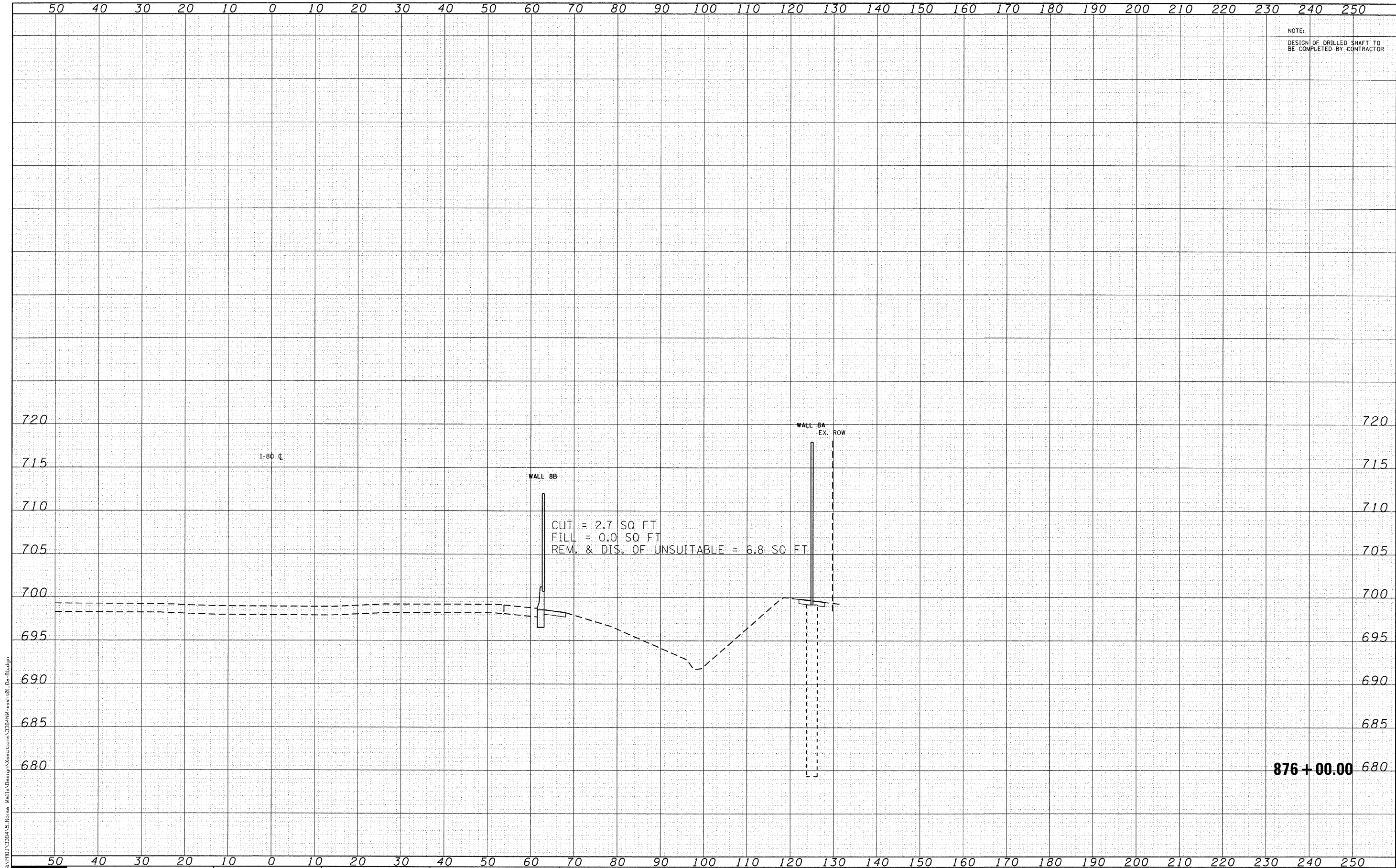
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	DATE - 1/7/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 NOISE ABATEMENT WALLS
CROSS SECTIONS

SCALE: STA. 875+50.00 TO STA. 875+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5R-1	WILL	112	80
CONTRACT NO. 60N86				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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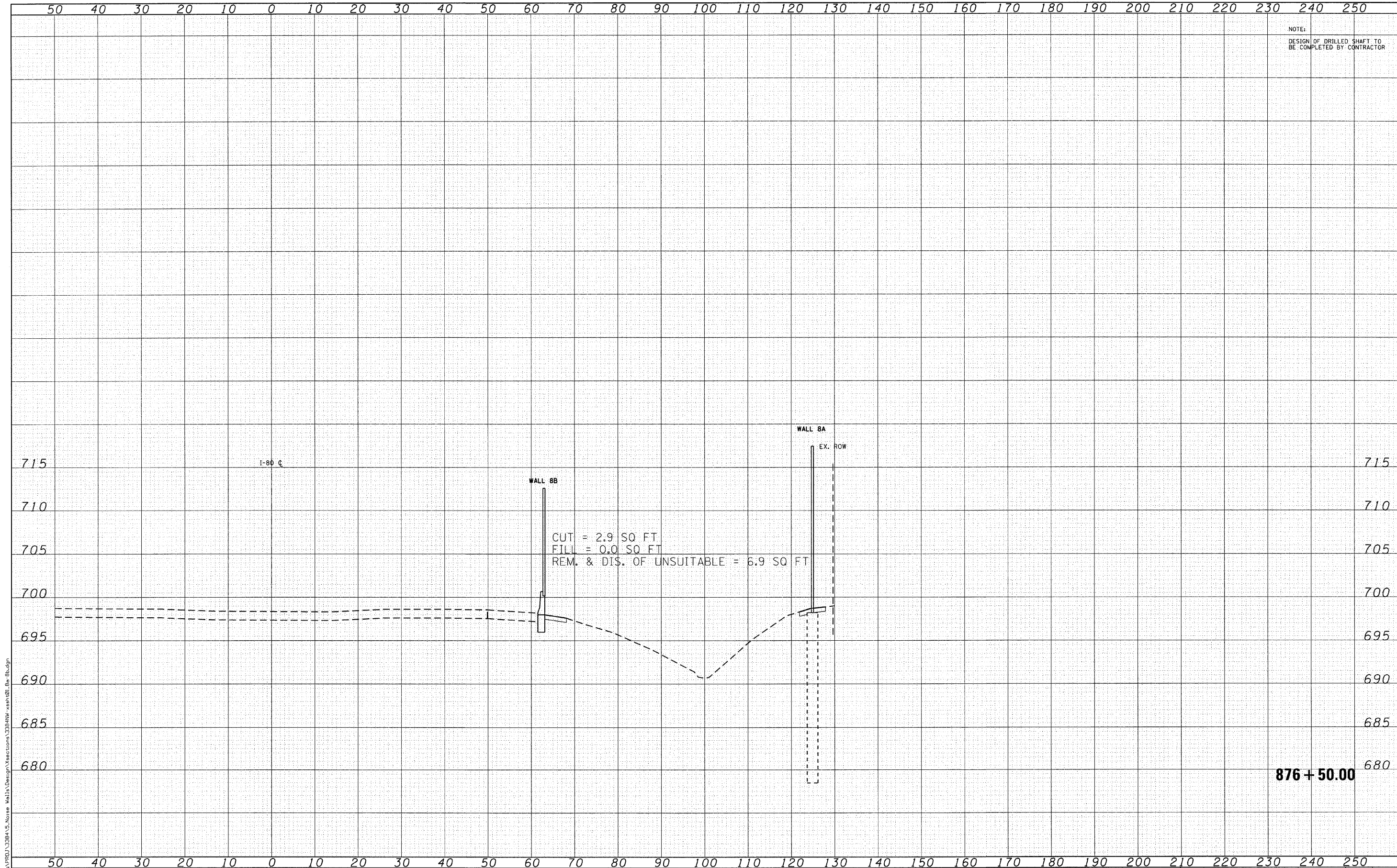
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PLOT DATE = 3/23/2011	CHECKED - SNS	REVISED -
	DATE - 1/7/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 NOISE ABATEMENT WALLS
CROSS SECTIONS

SCALE: STA. 876+00.00 TO STA. 876+00.00

F.A.I. RTE. 80	SECTION 99-5R-1	COUNTY WILL	TOTAL SHEETS 112	SHEET NO. 81
CONTRACT NO. 60N86				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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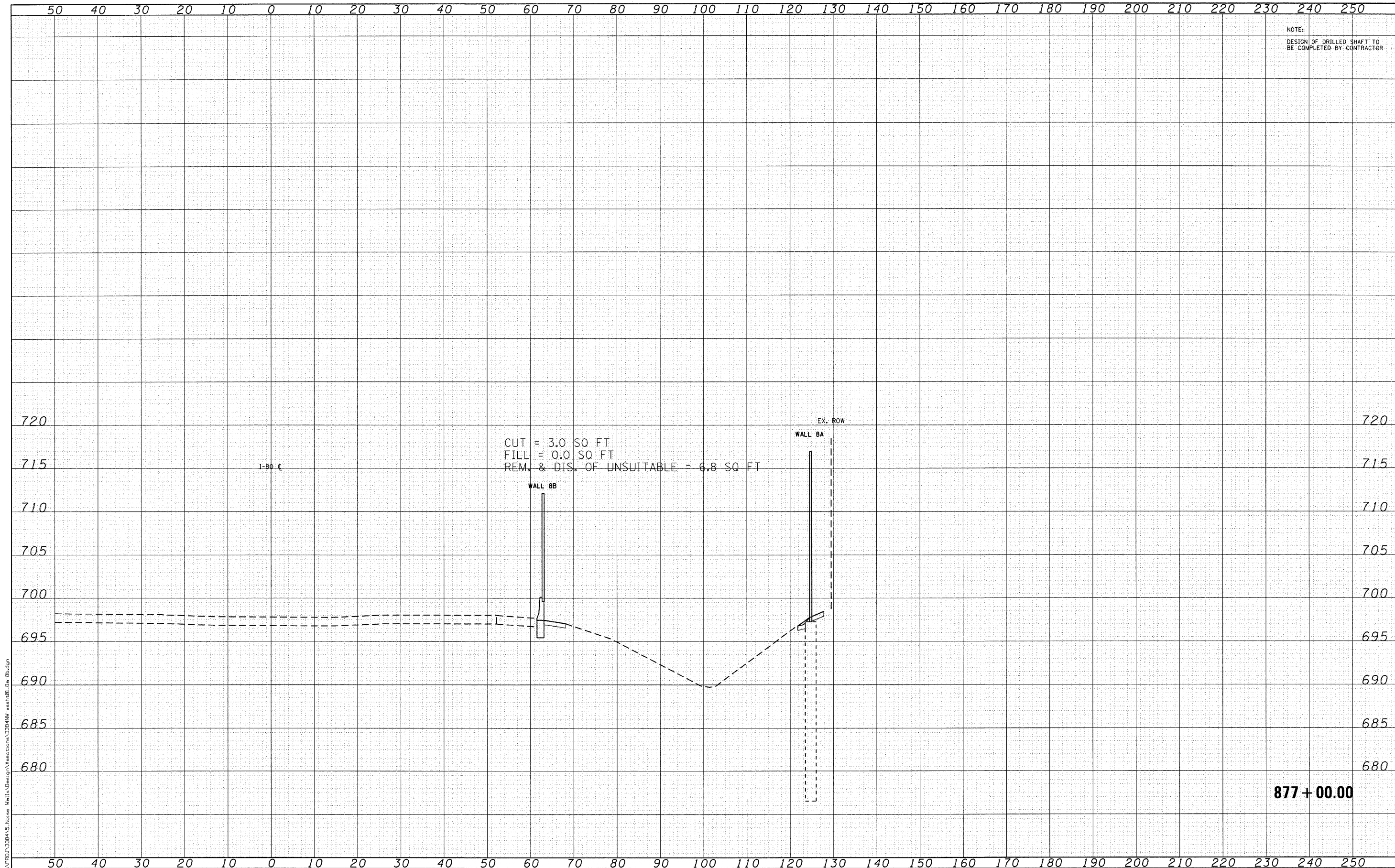
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	DRAWN - JMK	REVISED -
PLOT SCALE = 10.0000' / IN.	CHECKED - SNS	REVISED -
PLOT DATE = 3/23/2011	DATE - 1/7/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 NOISE ABATEMENT WALLS
CROSS SECTIONS

SCALE: STA. 876+50.00 TO STA. 876+50.00

F.A.I. RTE. 80	SECTION 99-5R-1	COUNTY WILL	TOTAL SHEETS 112	SHEET NO. 82
CONTRACT NO. 60N86				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NOTE:
DESIGN OF DRILLED SHAFT TO
BE COMPLETED BY CONTRACTOR

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Chicago, Illinois 60656
Tel. 773.775.4009 Fax 773.775.4014

USER NAME = jk.jellman	DESIGNED - CRC	REVISED -
	DRAWN - JMK	REVISED -
PLOT SCALE = 10.0000' / IN.	CHECKED - SNS	REVISED -
PLOT DATE = 3/23/2011	DATE - 1/7/2011	REVISED -

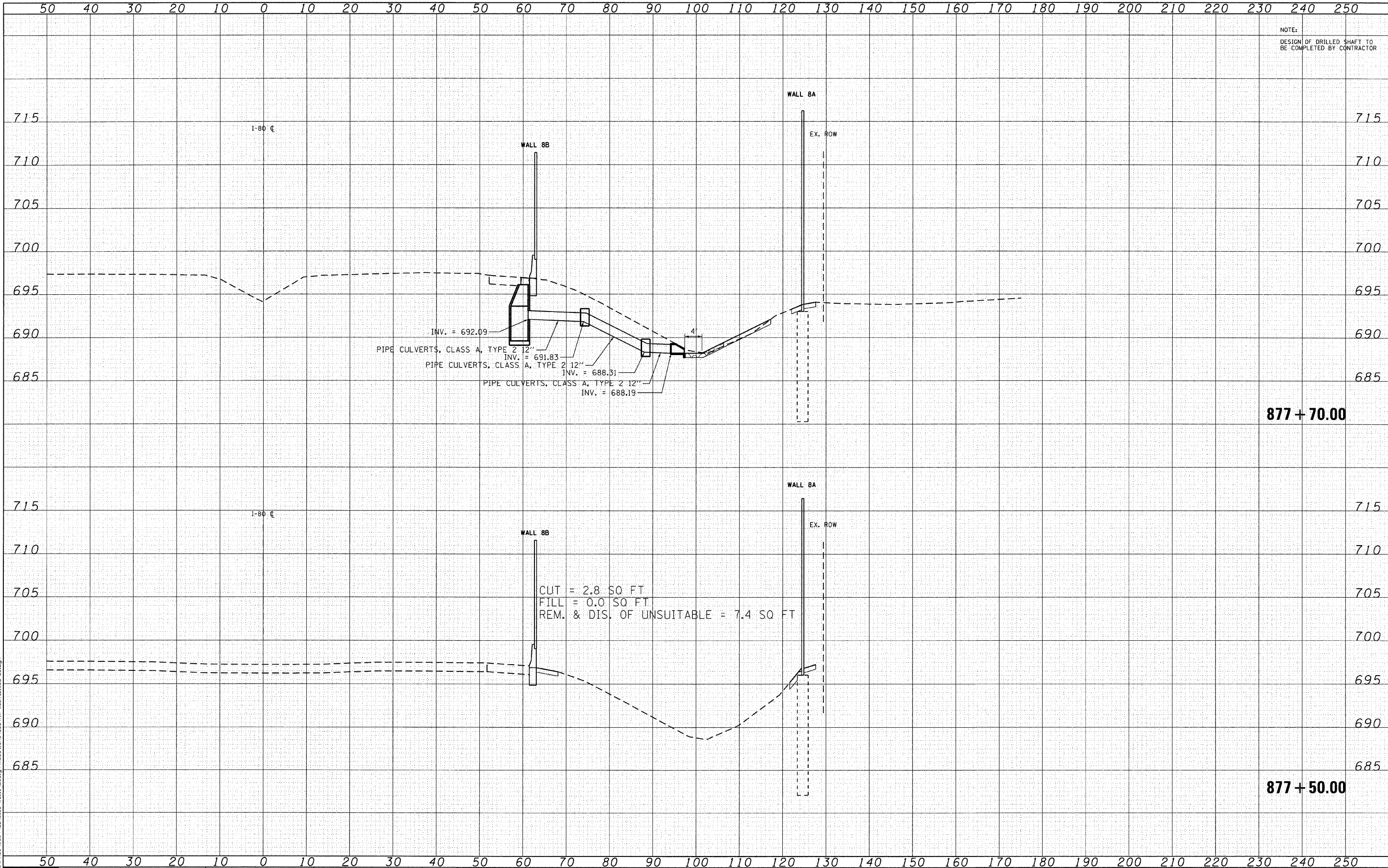
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 NOISE ABATEMENT WALLS
CROSS SECTIONS

SCALE:

STA. 877+00.00 TO STA. 877+00.00

F.A.I. RTE. 80	SECTION 99-5R-1	COUNTY WILL	TOTAL SHEETS 112	SHEET NO. 83
CONTRACT NO. 60N86				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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Tel. 773.775.4009 Fax 773.775.4014

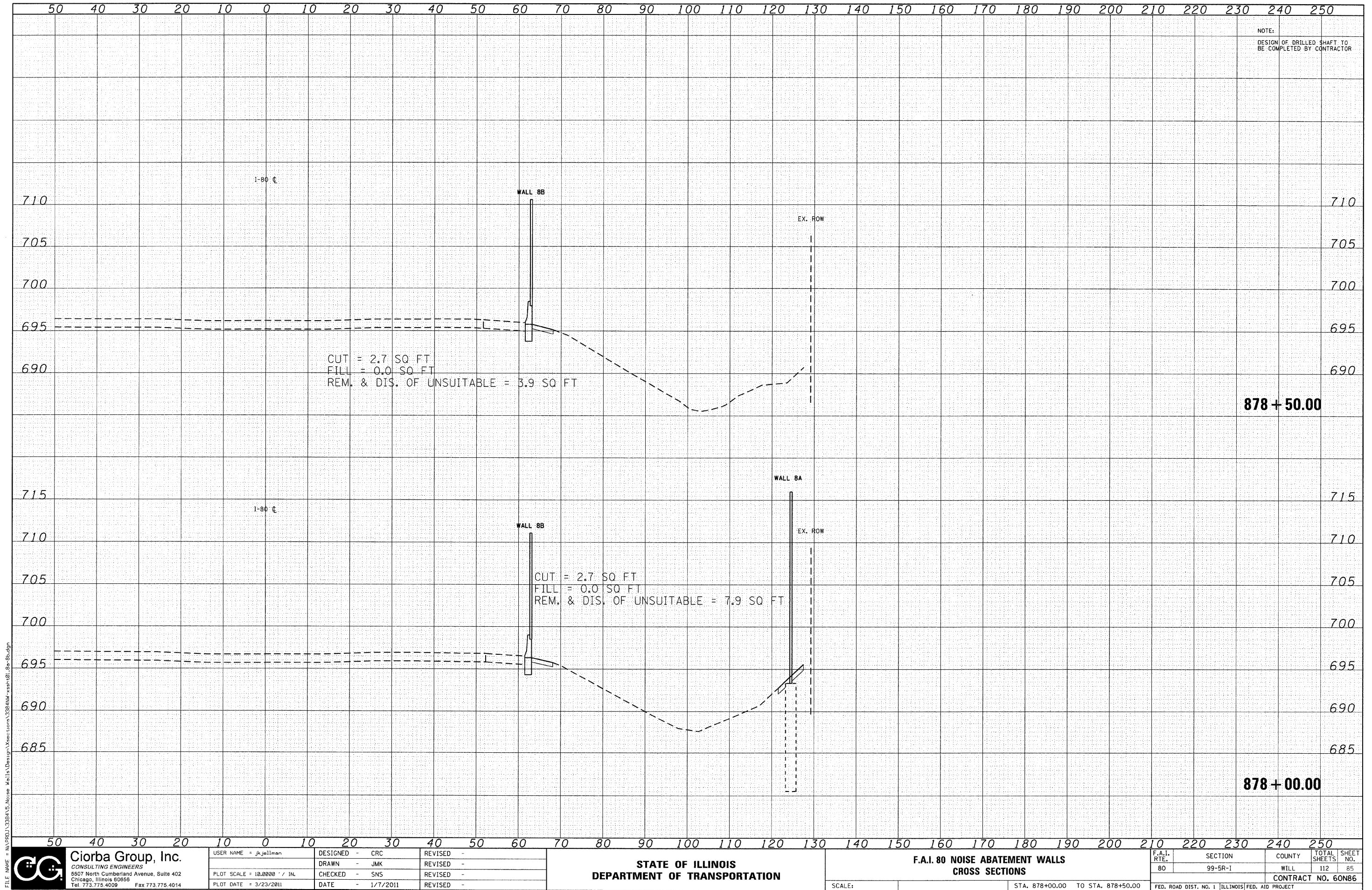
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	DATE - 1/7/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 NOISE ABATEMENT WALLS
CROSS SECTIONS

SCALE: STA. 877+50.00 TO STA. 877+70.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5R-1	WILL	112	84
CONTRACT NO. 60N86				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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CONSULTING ENGINEERS
5507 North Cumberland Avenue, Suite 402
Chicago, Illinois 60656
Tel. 773.775.4009 Fax 773.775.4014

USER NAME = jkellman
PLOT SCALE = 10.0000' / IN.
PLOT DATE = 3/23/2011

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DATE - 1/7/2011	REVISED -

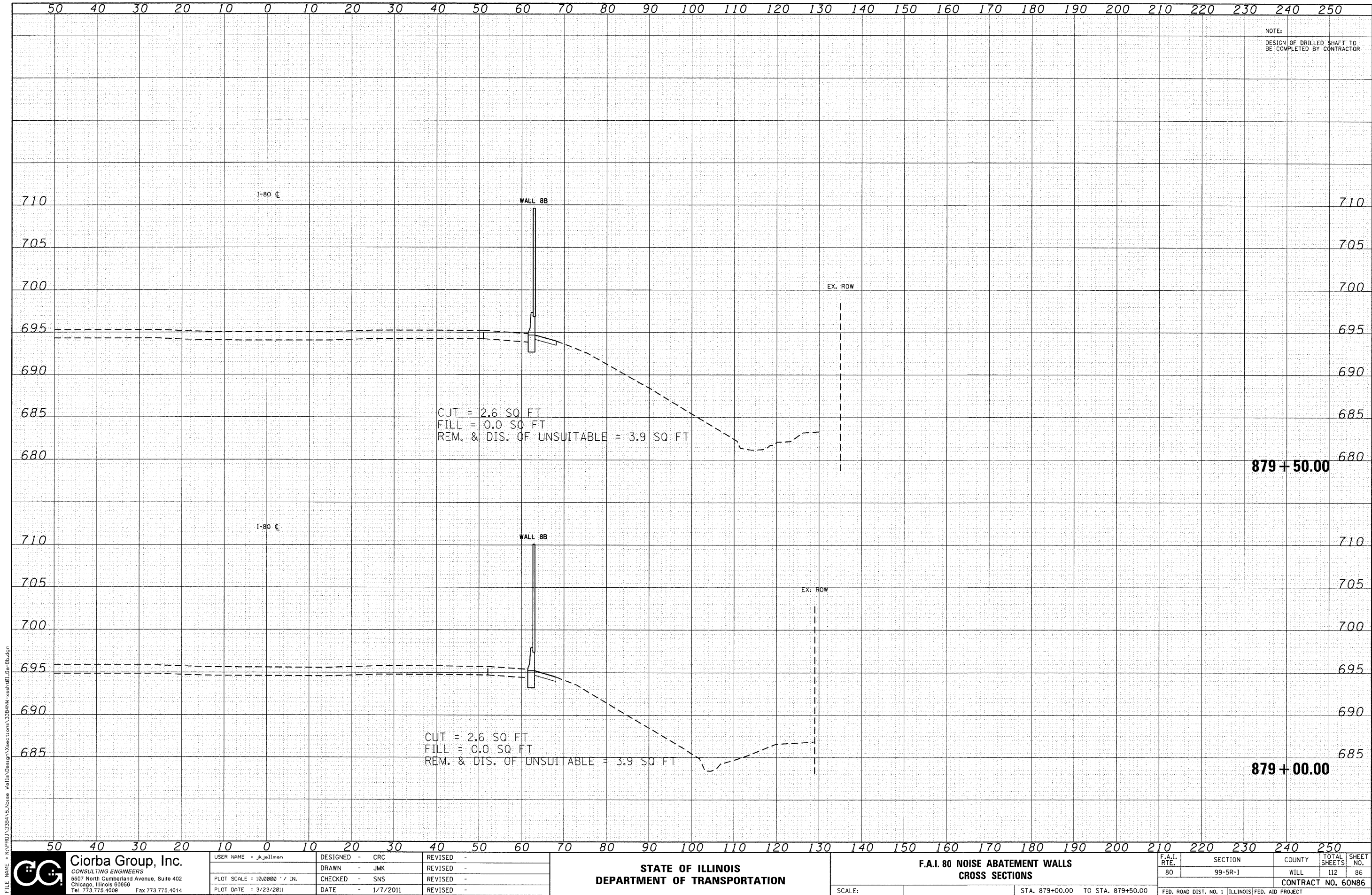
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 NOISE ABATEMENT WALLS
CROSS SECTIONS

SCALE:

STA. 878+00.00 TO STA. 878+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5R-1	WILL	112	85
CONTRACT NO. 60N86				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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Chicago, Illinois 60656
Tel. 773.775.4009 Fax 773.775.4014

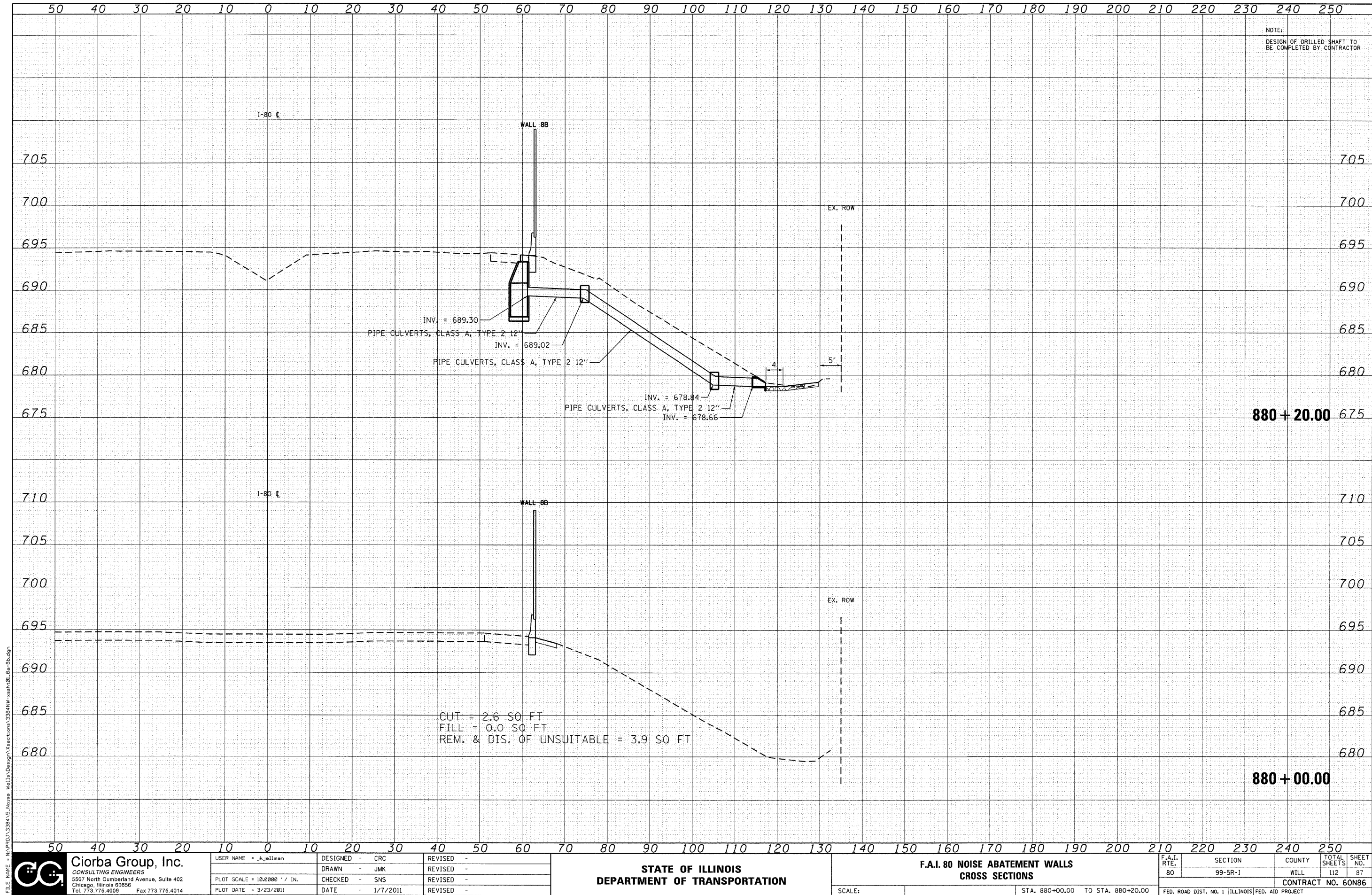
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PLOT DATE = 3/23/2011	DATE - 1/7/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 NOISE ABATEMENT WALLS
CROSS SECTIONS

SCALE: STA. 879+00.00 TO STA. 879+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5R-1	WILL	112	86
CONTRACT NO. 60N86				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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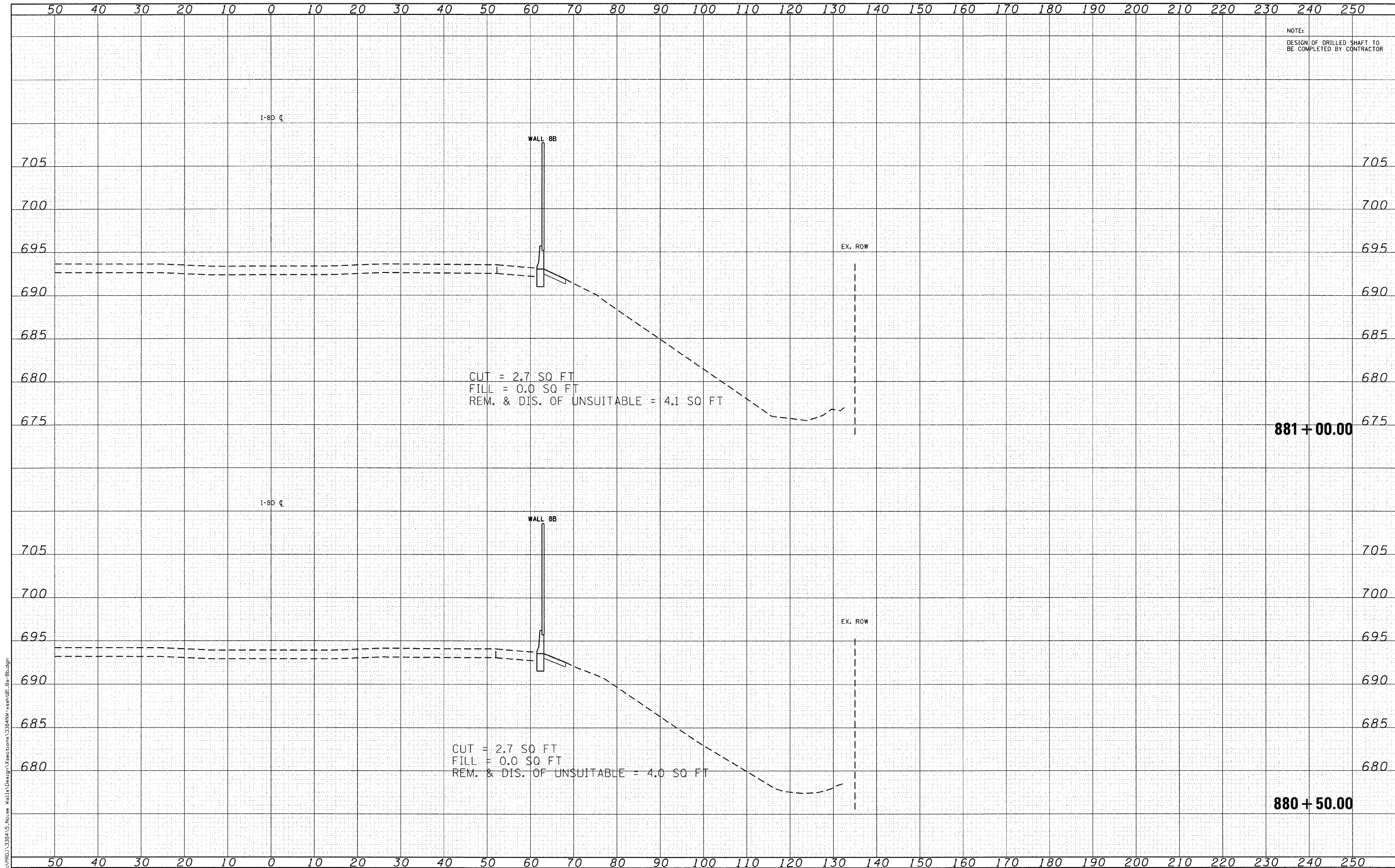
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PLOT DATE = 3/23/2011	CHECKED - SNS	REVISED -
	DATE - 1/7/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 NOISE ABATEMENT WALLS
CROSS SECTIONS

SCALE: STA. 880+00.00 TO STA. 880+20.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5R-1	WILL	112	87
CONTRACT NO. 60N86				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NOTE:
DESIGN OF DRILLED SHAFT TO
BE COMPLETED BY CONTRACTOR

CUT = 2.7 SQ FT
FILL = 0.0 SQ FT
REM. & DIS. OF UNSUITABLE = 4.1 SQ FT

881 + 00.00

CUT = 2.7 SQ FT
FILL = 0.0 SQ FT
REM. & DIS. OF UNSUITABLE = 4.0 SQ FT

880 + 50.00

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Chicago, Illinois 60656
Tel: 773.775.4009 Fax 773.775.4014

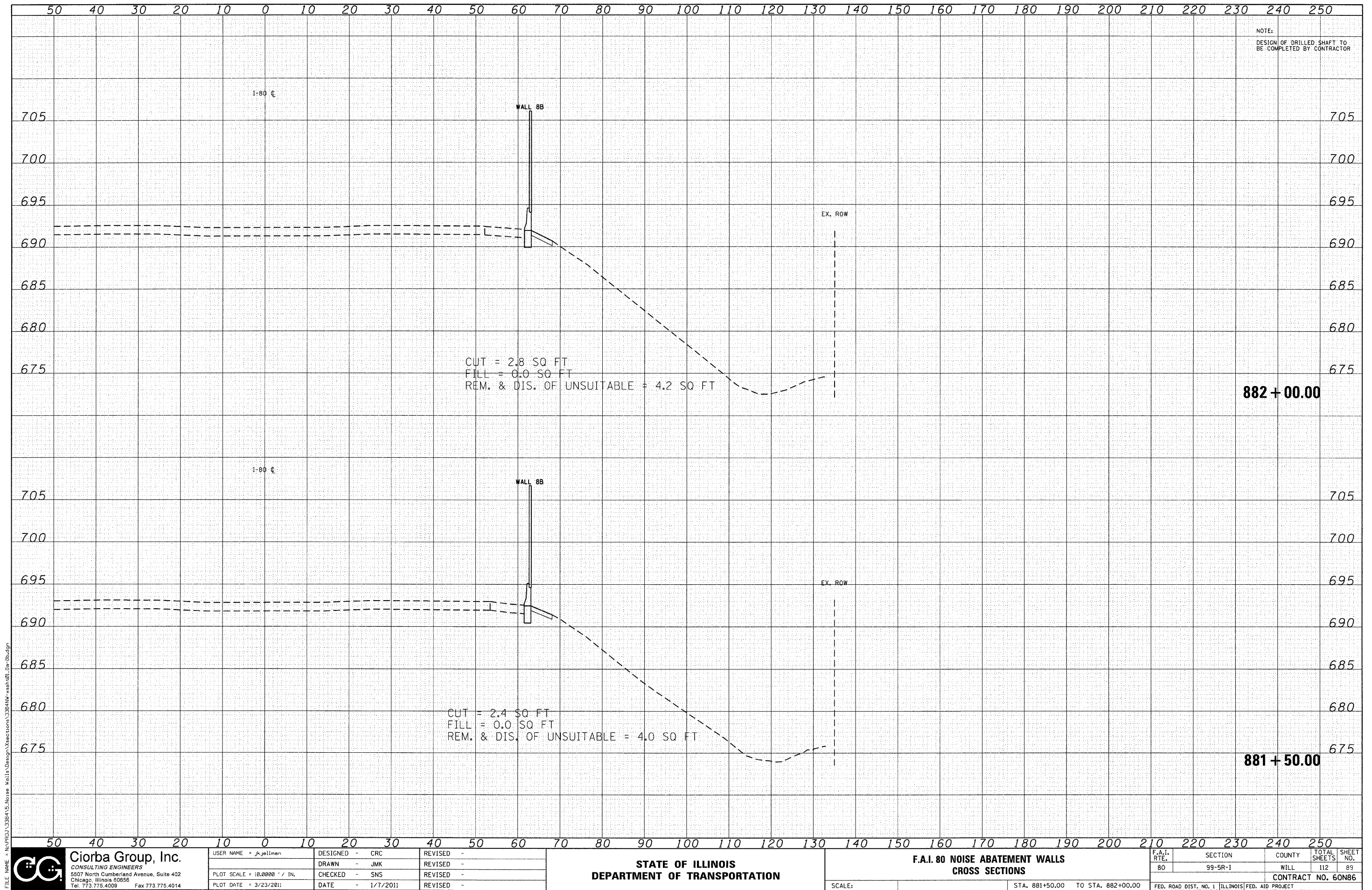
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PLOT DATE = 3/23/2011	DATE - 1/7/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 NOISE ABATEMENT WALLS
CROSS SECTIONS

SCALE: STA. 880+50.00 TO STA. 881+00.00

F.A.I. RTE. 80	SECTION 99-5R-1	COUNTY WILL	TOTAL SHEETS 112	SHEET NO. 88
CONTRACT NO. 60N86				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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Chicago, Illinois 60656
Tel. 773.775.4009 Fax 773.775.4014

USER NAME = jk.jellman	DESIGNED - CRC	REVISED -
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PLOT DATE = 3/23/2011	CHECKED - SNS	REVISED -
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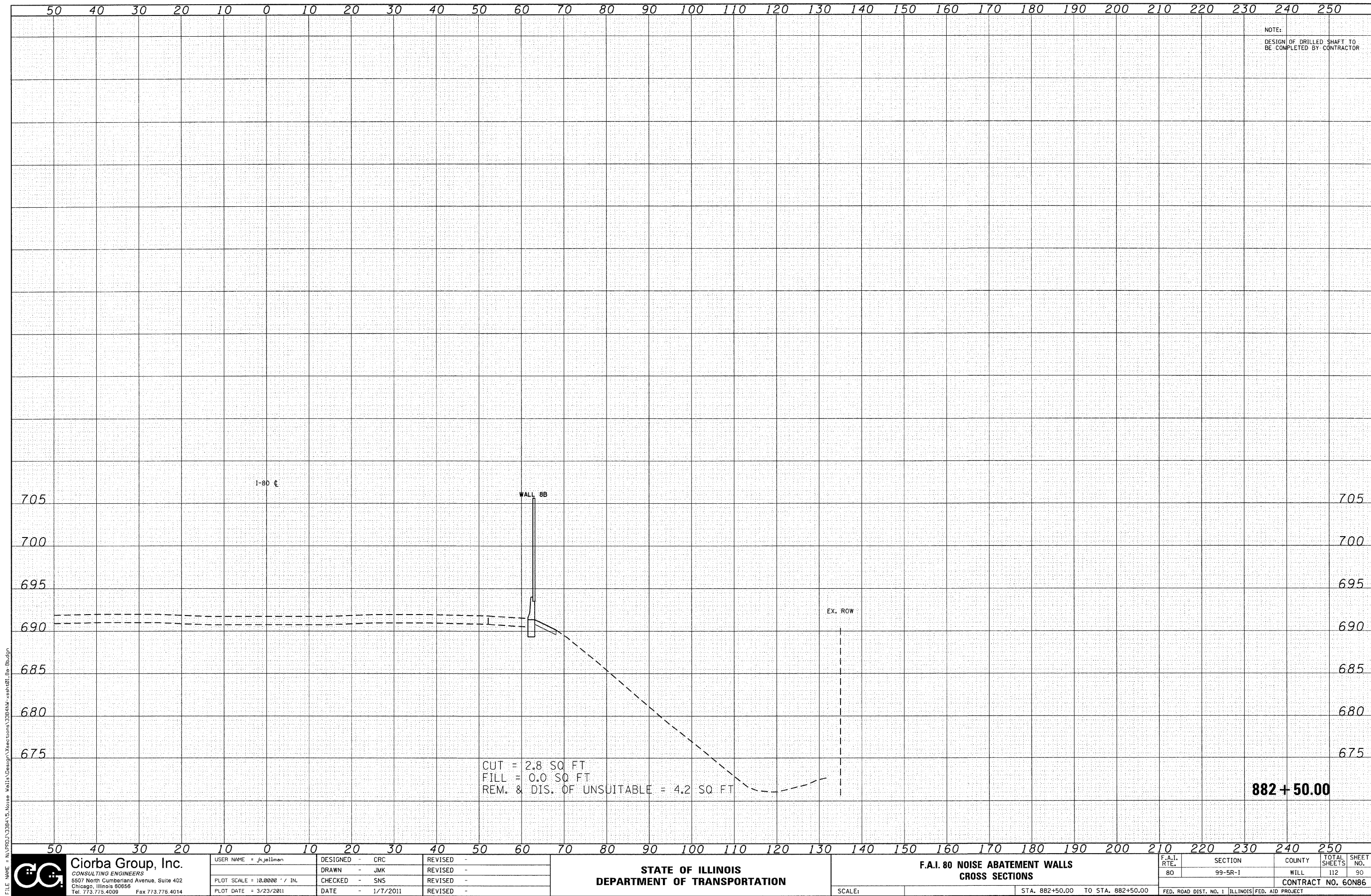
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 NOISE ABATEMENT WALLS
CROSS SECTIONS

SCALE:

STA. 881+50.00 TO STA. 882+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5R-1	WILL	112	89
CONTRACT NO. 60N86				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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Chicago, Illinois 60656
Tel. 773.775.4009 Fax 773.775.4014

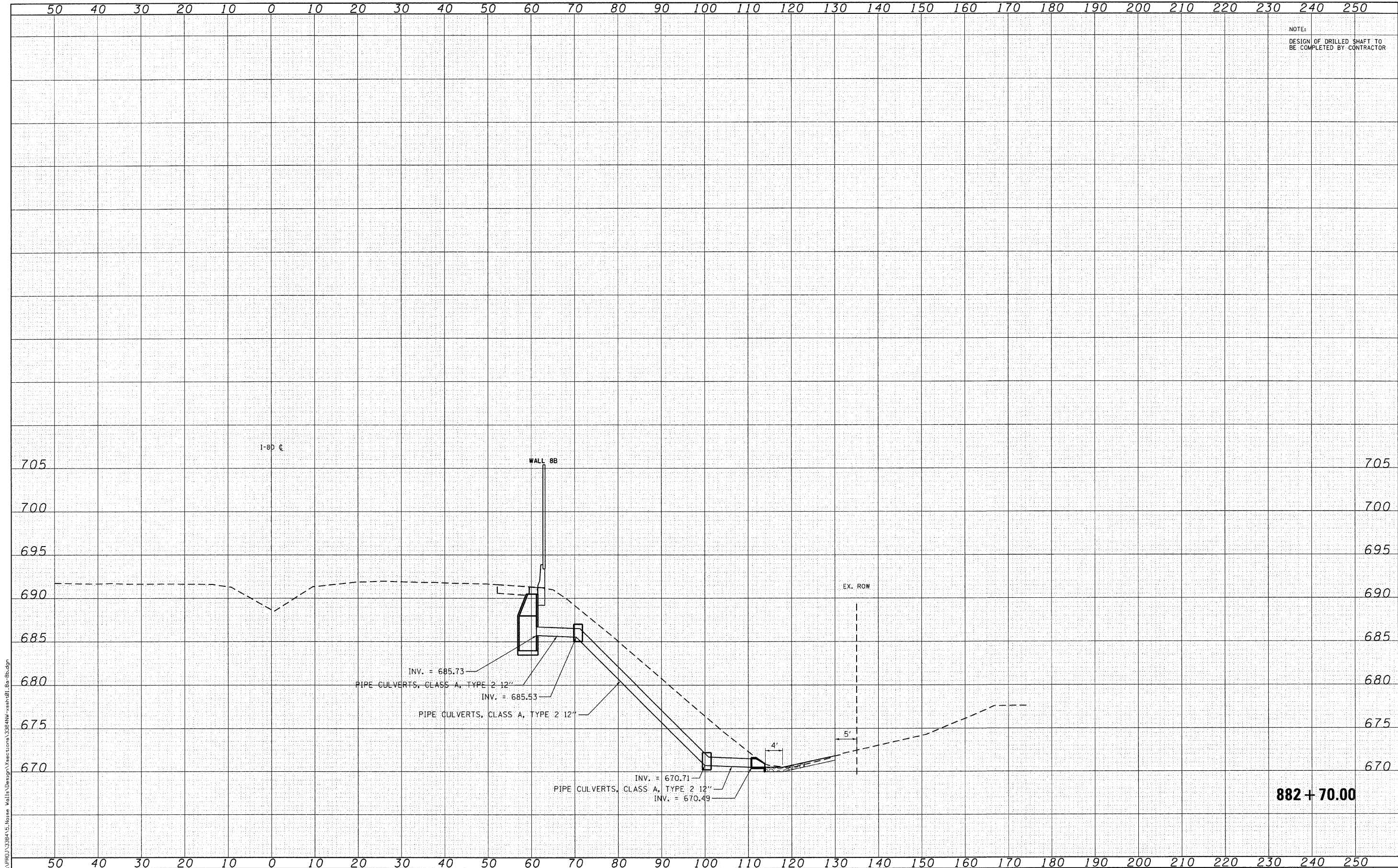
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PLOT DATE = 3/23/2011	CHECKED - SNS	REVISED -
	DATE - 1/7/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 NOISE ABATEMENT WALLS
CROSS SECTIONS

SCALE: STA. 882+50.00 TO STA. 882+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5R-1	WILL	112	90
CONTRACT NO. 60N86				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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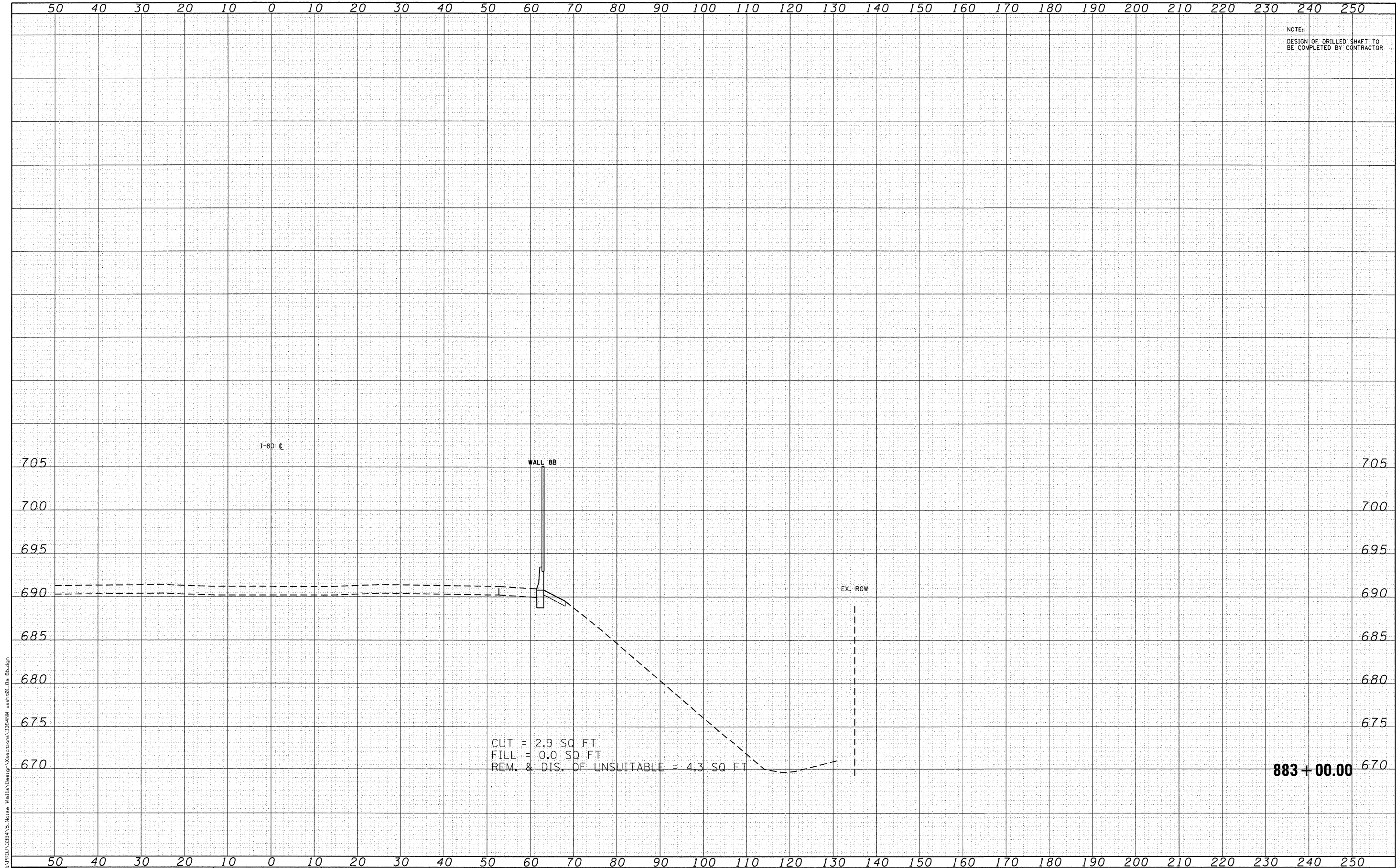
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PLOT DATE = 3/23/2011	CHECKED - SNS	REVISED -
	DATE - 1/7/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 NOISE ABATEMENT WALLS
CROSS SECTIONS

SCALE: STA. 882+70.00 TO STA. 882+70.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5R-1	WILL	112	91
CONTRACT NO. 60N86				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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Ciorba Group, Inc.
CONSULTING ENGINEERS
6507 North Cumberland Avenue, Suite 402
Chicago, Illinois 60656
Tel: 773.775.4509 Fax: 773.775.4014

USER NAME = jellman	DESIGNED - CRC	REVISED -
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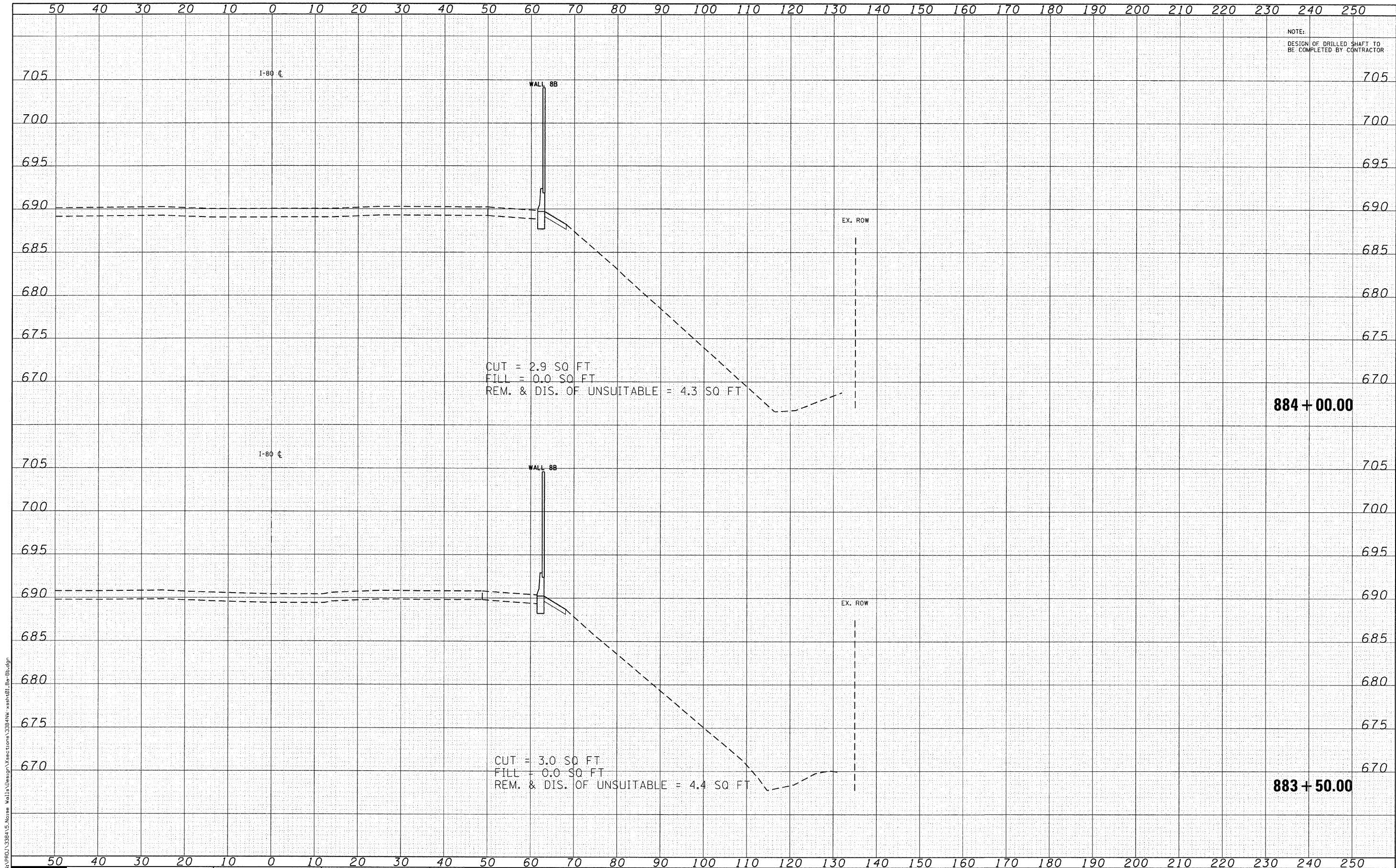
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 NOISE ABATEMENT WALLS
CROSS SECTIONS

SCALE:

STA. 883+00.00 TO STA. 883+00.00

F.A.I. RTE. 80	SECTION 99-5R-1	COUNTY WILL	TOTAL SHEETS 112	SHEET NO. 92
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
CONTRACT NO. 60N86				



NOTE:
DESIGN OF DRILLED SHAFT TO
BE COMPLETED BY CONTRACTOR

CUT = 2.9 SQ FT
FILL = 0.0 SQ FT
REM. & DIS. OF UNSUITABLE = 4.3 SQ FT

CUT = 3.0 SQ FT
FILL = 0.0 SQ FT
REM. & DIS. OF UNSUITABLE = 4.4 SQ FT

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CONSULTING ENGINEERS
6607 North Cumberland Avenue, Suite 402
Chicago, Illinois 60656
Tel. 773.775.4009 Fax 773.775.4014

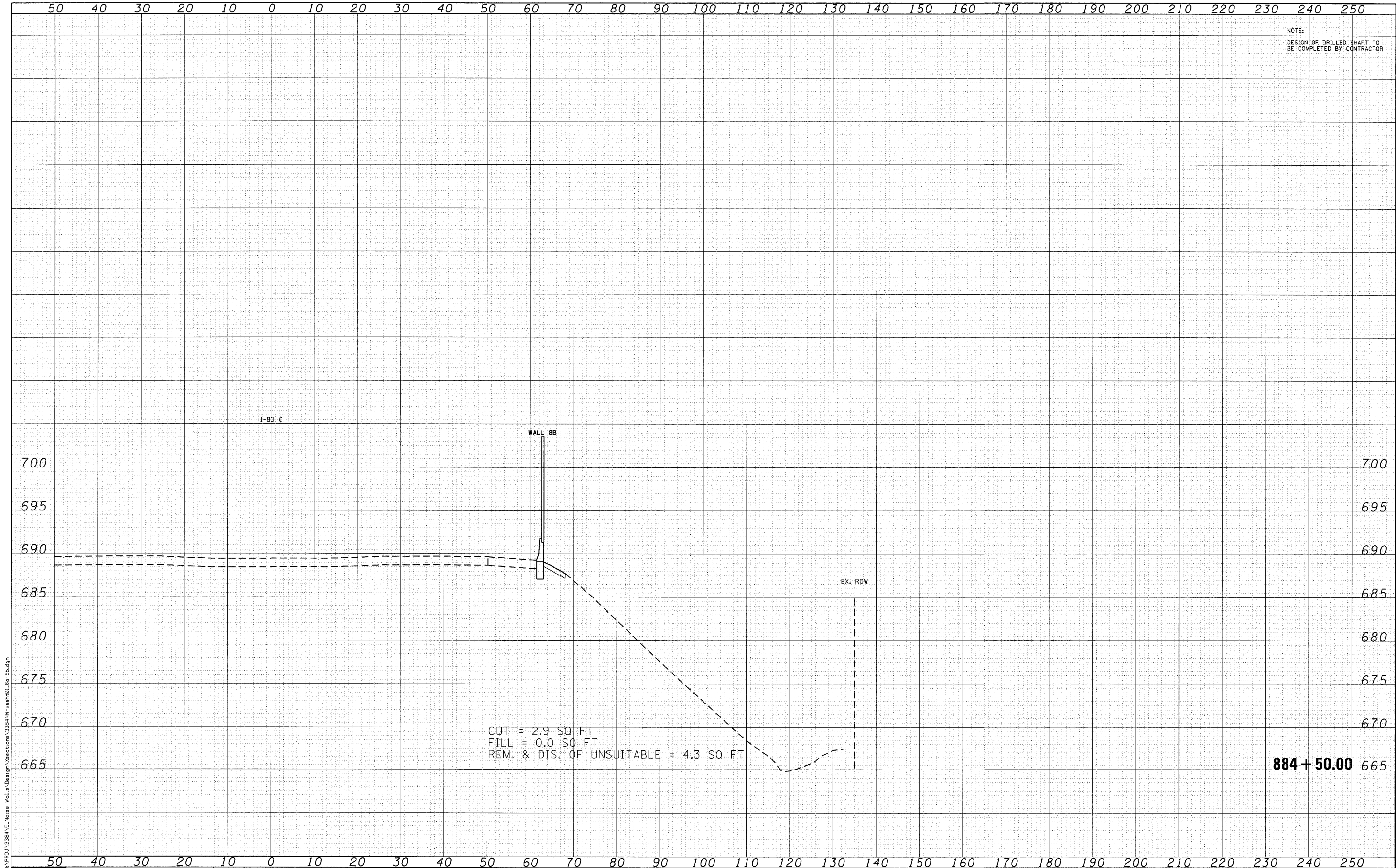
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PLOT DATE = 3/23/2011	CHECKED - SNS	REVISED -
	DATE - 1/7/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 NOISE ABATEMENT WALLS
CROSS SECTIONS

SCALE: STA. 883+50.00 TO STA. 884+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5R-1	WILL	112	93
CONTRACT NO. 60N86				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NOTE:
DESIGN OF DRILLED SHAFT TO
BE COMPLETED BY CONTRACTOR

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Ciiorba Group, Inc.
CONSULTING ENGINEERS
5507 North Cumberland Avenue, Suite 402
Chicago, Illinois 60656
Tel. 773.775.4009 Fax 773.775.4014

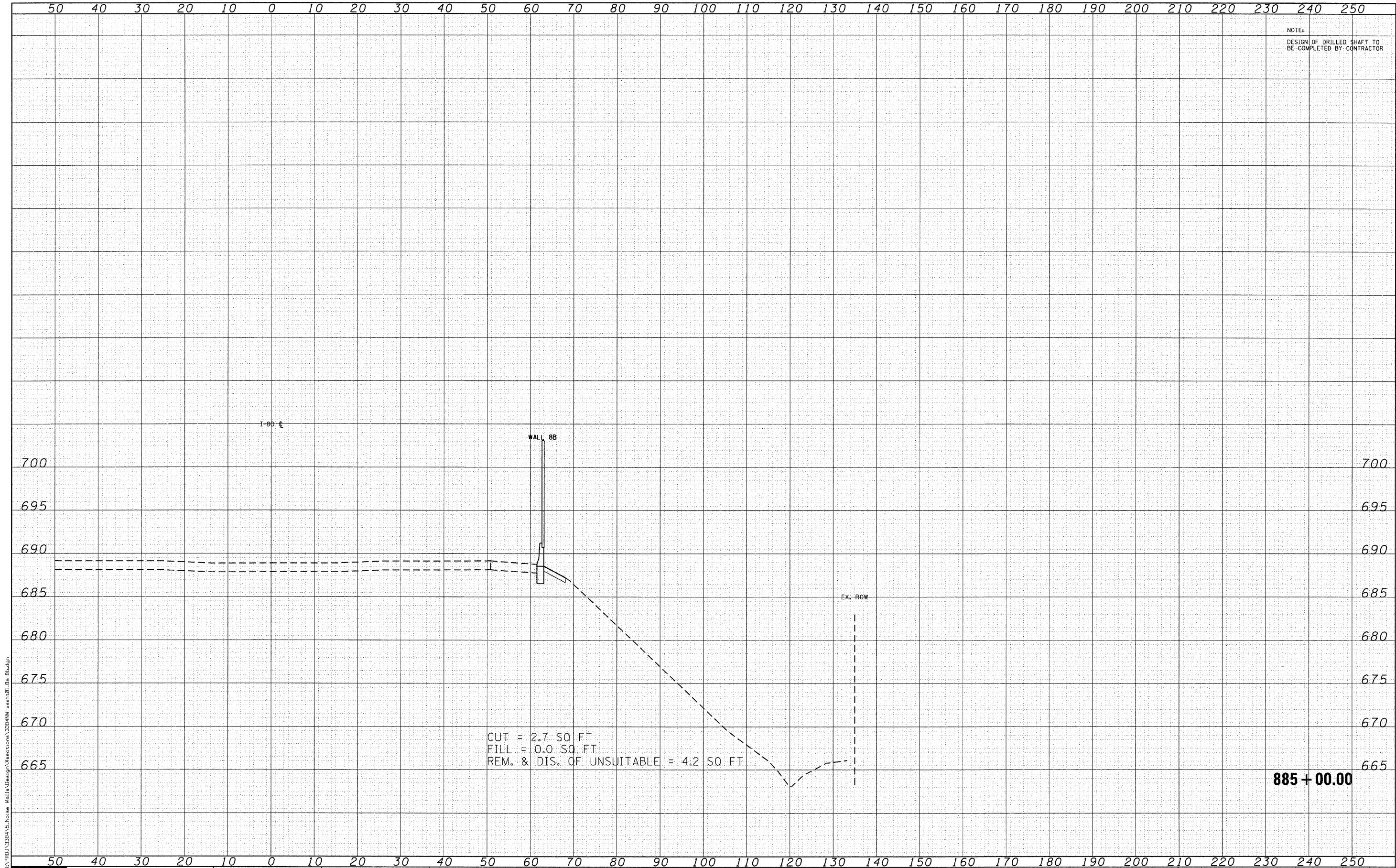
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PLOT DATE = 3/23/2011	CHECKED - SNS	REVISED -
	DATE - 1/7/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 NOISE ABATEMENT WALLS
CROSS SECTIONS

SCALE: STA. 884+50.00 TO STA. 884+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5R-1	WILL	112	93A
CONTRACT NO. 60N86				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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Chicago, Illinois 60656
Tel: 773.775.4009 Fax 773.775.4014

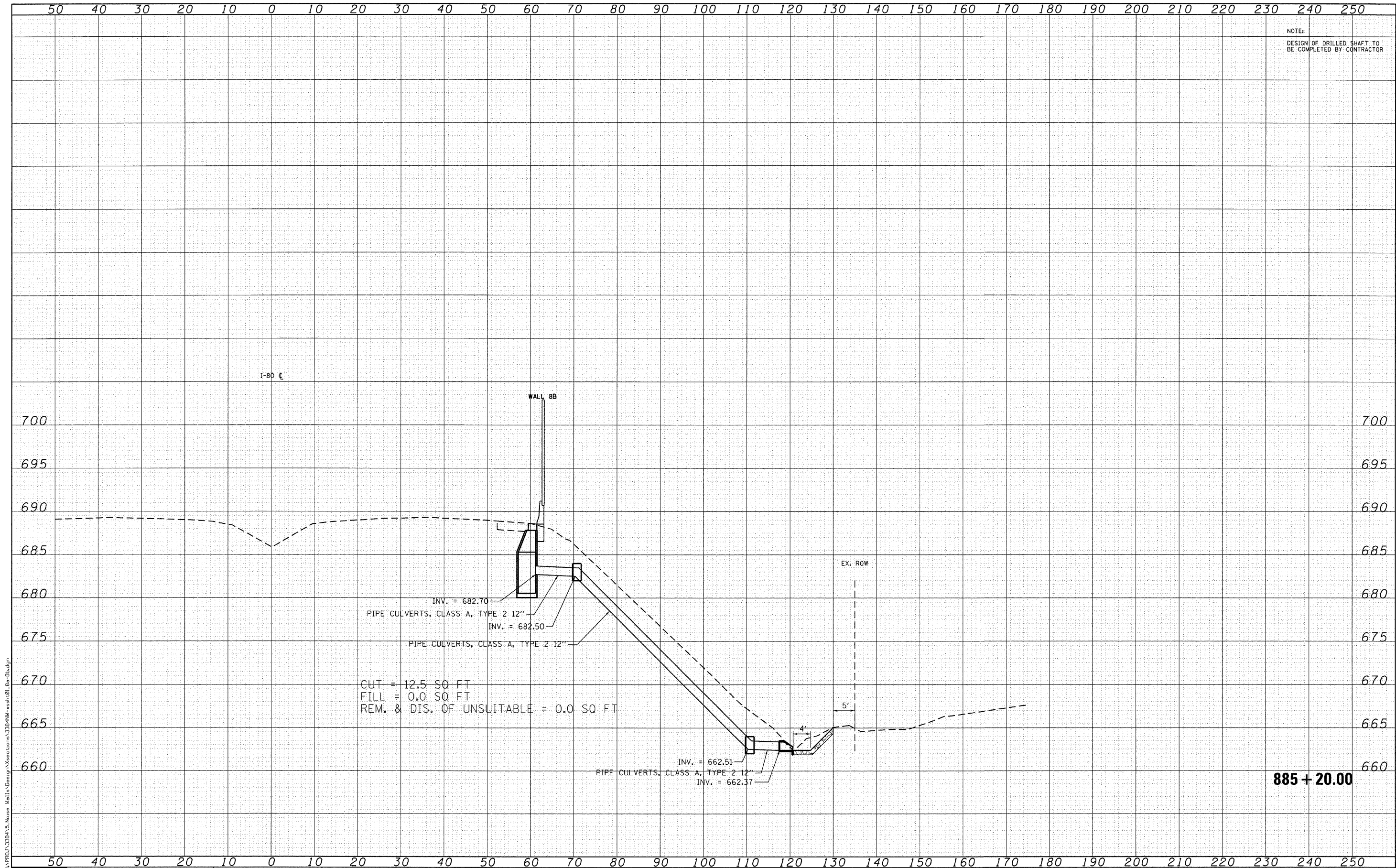
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PLOT DATE = 3/23/2011	DATE - 1/7/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 NOISE ABATEMENT WALLS
CROSS SECTIONS

SCALE: STA. 885+00.00 TO STA. 885+00.00

F.A.I. RTE. 80	SECTION 99-5R-1	COUNTY WILL	TOTAL SHEETS 112	SHEET NO. 93B
CONTRACT NO. 60N86				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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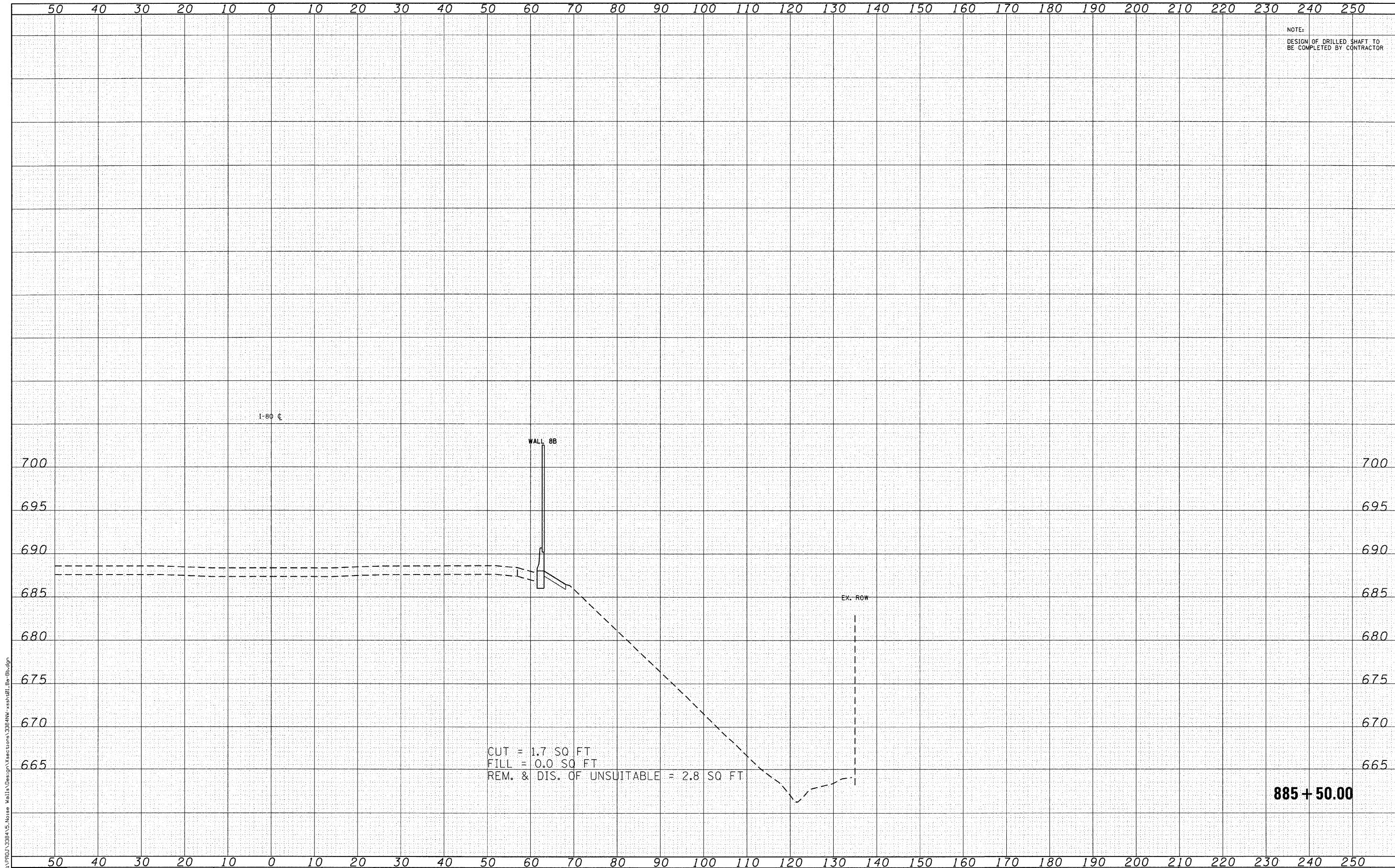
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	DATE - 1/7/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 NOISE ABATEMENT WALLS
CROSS SECTIONS

SCALE: STA. 885+20.00 TO STA. 885+20.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5R-1	WILL	112	93C
CONTRACT NO. 60N86				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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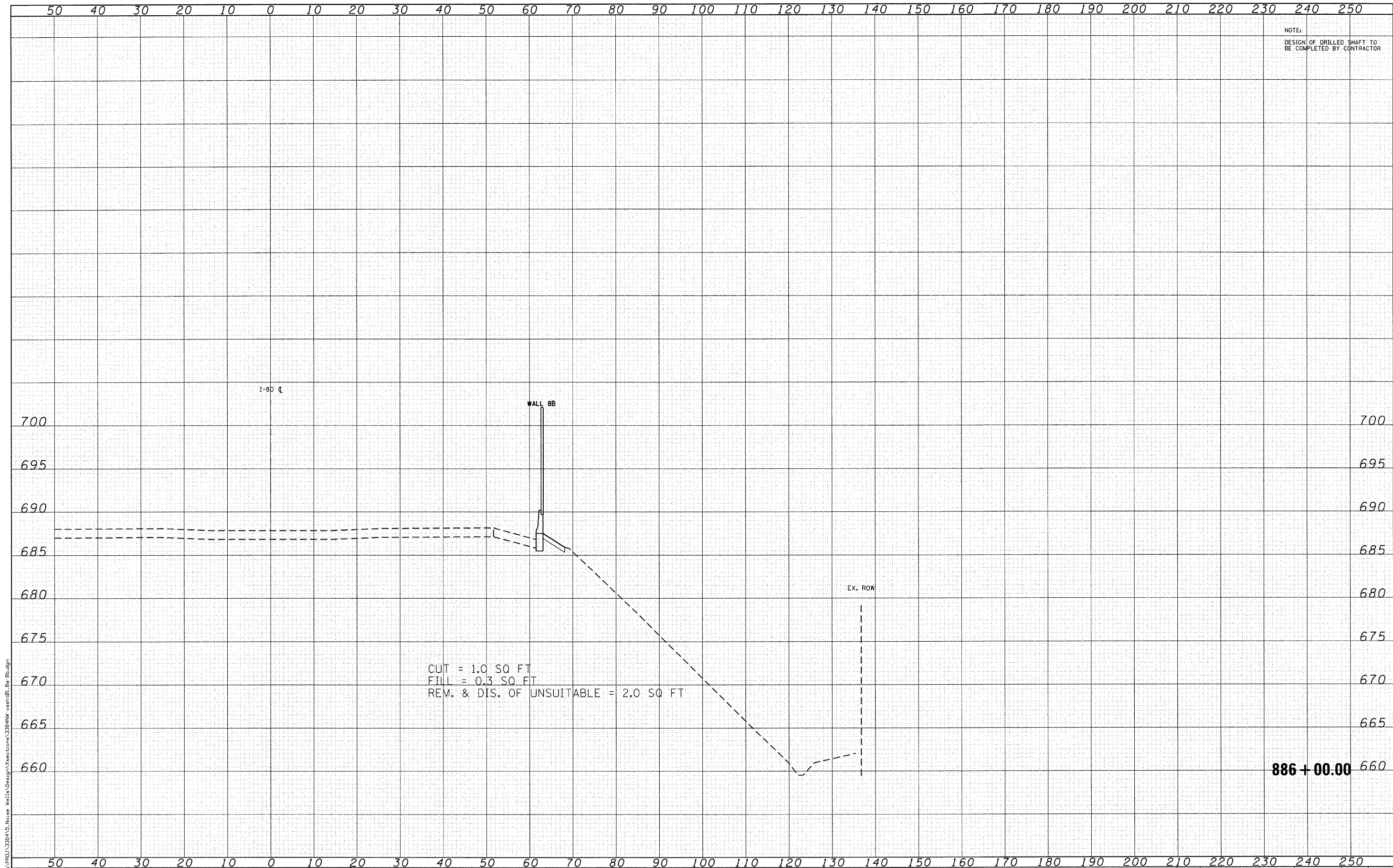
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	DATE - 1/7/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 NOISE ABATEMENT WALLS
CROSS SECTIONS

SCALE: STA. 885+50.00 TO STA. 885+50.00

F.A.I. RTE. 80	SECTION 99-5R-1	COUNTY WILL	TOTAL SHEETS 112	SHEET NO. 93D
CONTRACT NO. 60N86				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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CONSULTING ENGINEERS
5507 North Cumberland Avenue, Suite 402
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Tel. 773.775.4009 Fax 773.775.4014

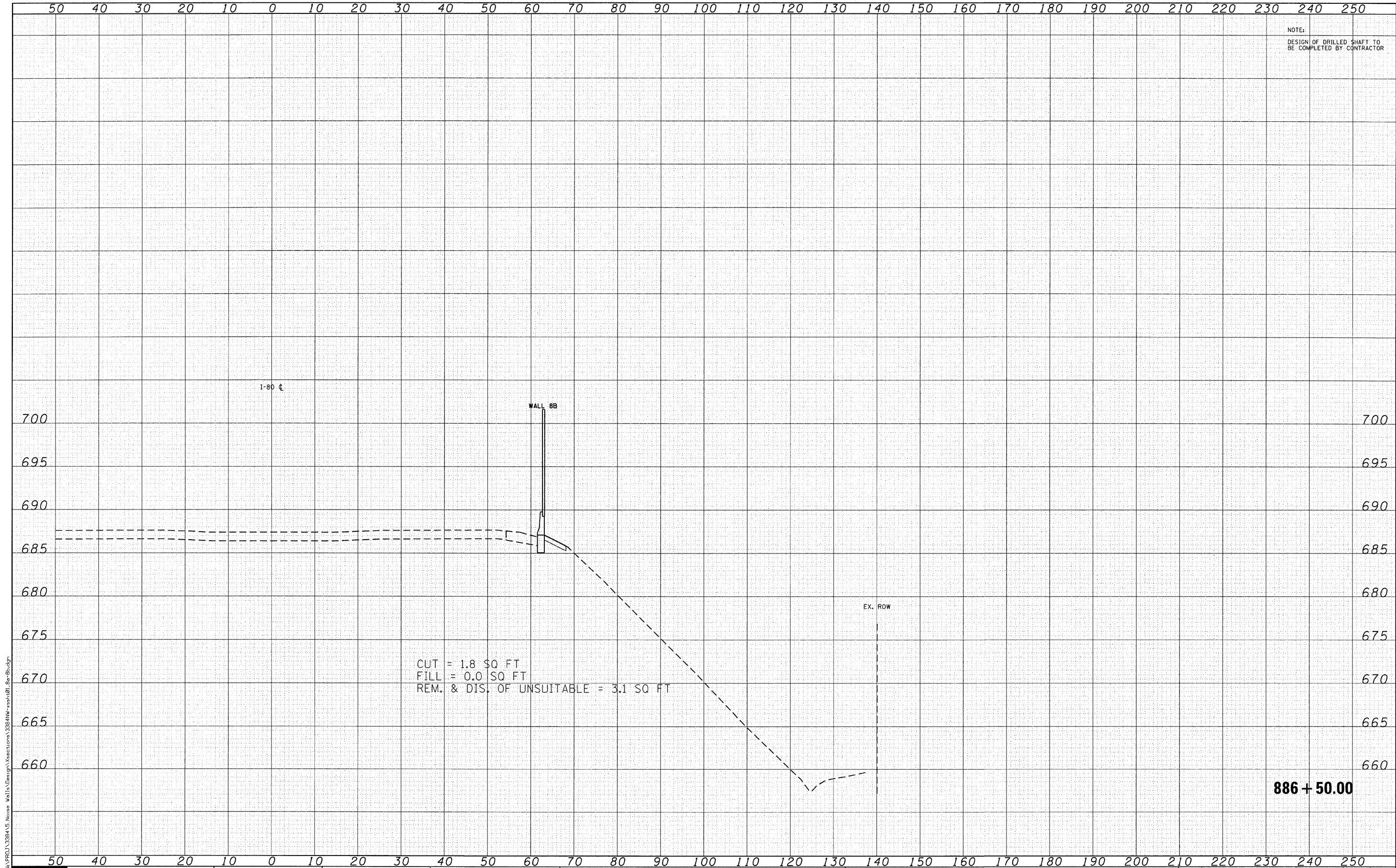
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	DATE - 1/7/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 NOISE ABATEMENT WALLS
CROSS SECTIONS

SCALE: STA. 886+00.00 TO STA. 886+00.00

F.A.I. RTE. 80	SECTION 99-5R-1	COUNTY WILL	TOTAL SHEETS 112	SHEET NO. 93E
CONTRACT NO. 60N86				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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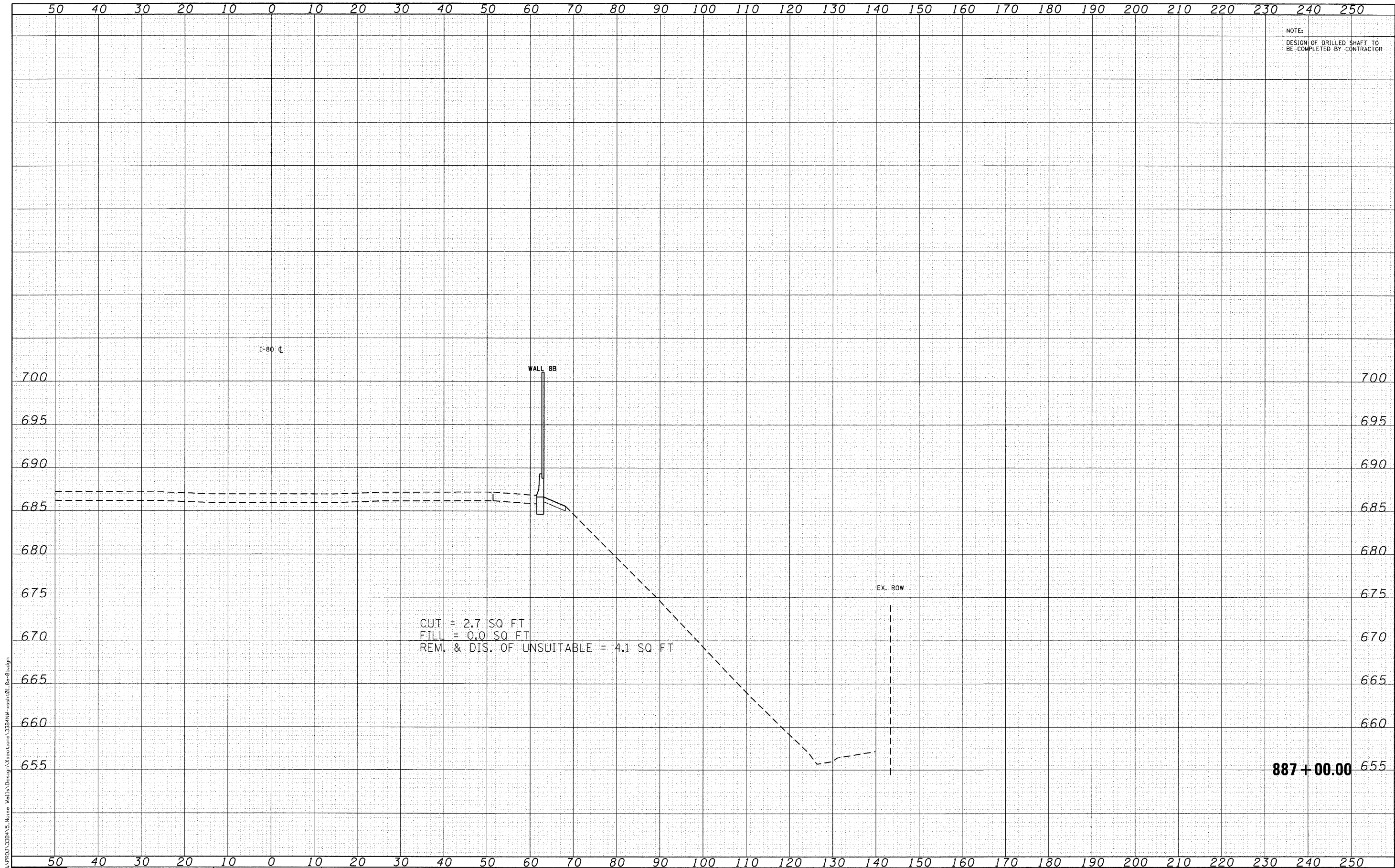
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PLOT DATE = 3/23/2011	DATE - 1/7/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 NOISE ABATEMENT WALLS
CROSS SECTIONS

SCALE: STA. 886+50.00 TO STA. 886+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5R-1	WILL	112	93F
CONTRACT NO. 60N86				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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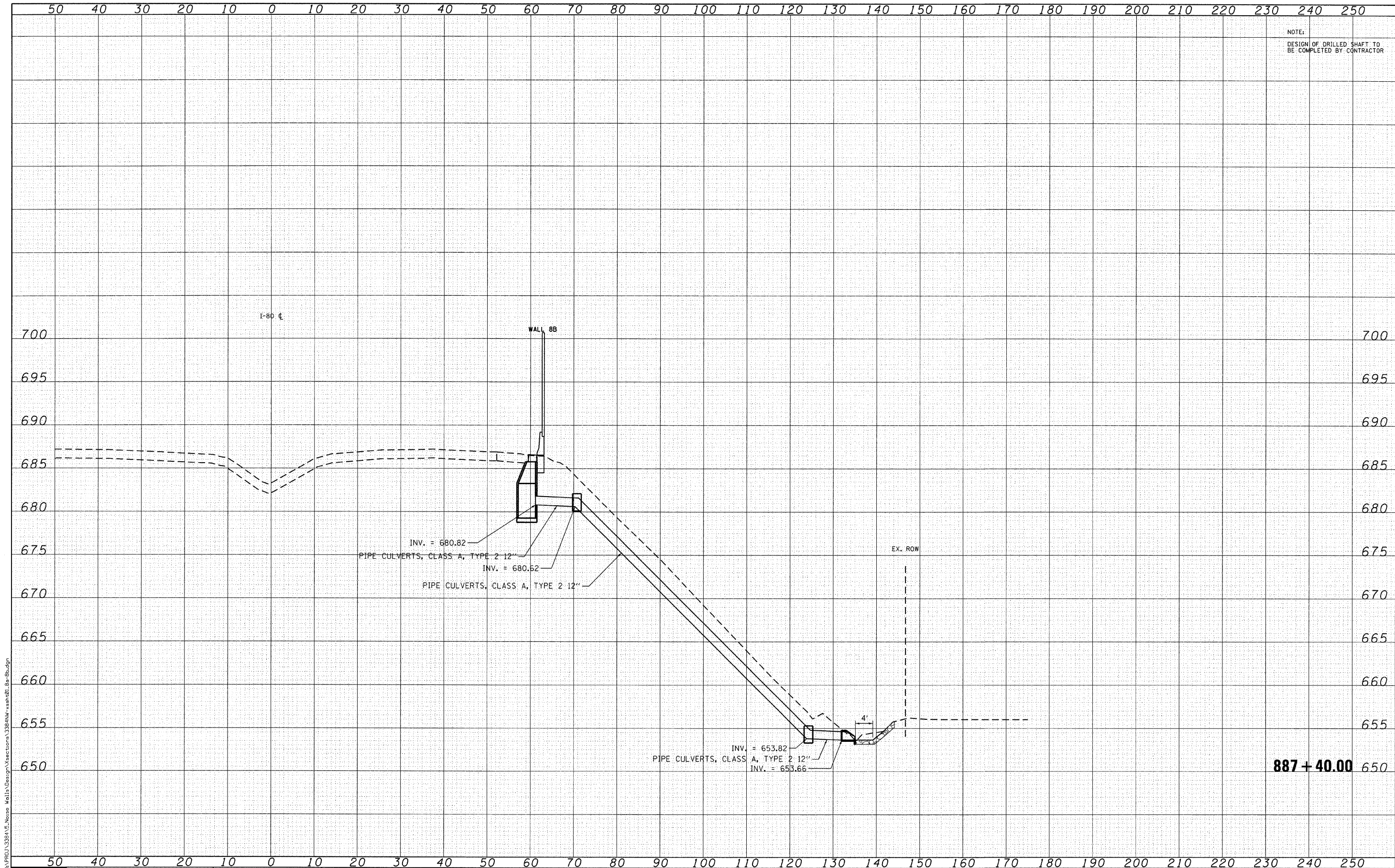
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PLOT DATE = 3/23/2011	DATE - 1/7/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 NOISE ABATEMENT WALLS
CROSS SECTIONS

SCALE: STA. 887+00.00 TO STA. 887+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5R-1	WILL	112	93C
CONTRACT NO. 60N86				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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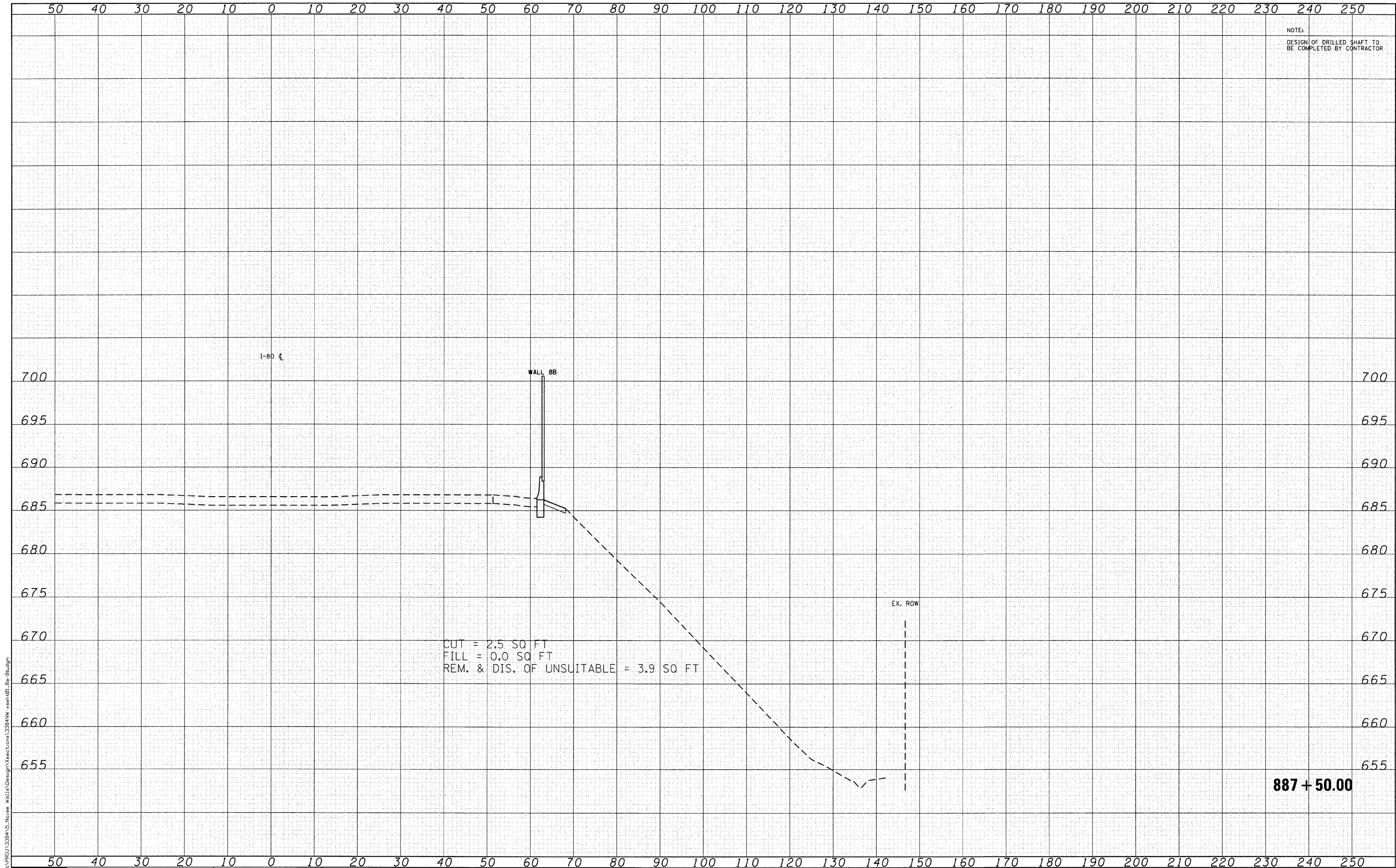
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PLOT DATE = 3/23/2011	CHECKED - SNS	REVISED -
	DATE - 1/7/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 NOISE ABATEMENT WALLS
CROSS SECTIONS

SCALE: STA. 887+40.00 TO STA. 887+40.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5R-1	WILL	112	93H
CONTRACT NO. 60N86				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NOTE:
DESIGN OF DRILLED SHAFT TO
BE COMPLETED BY CONTRACTOR

FILE NAME: N:\PROJ\38845 Noise Walls\Design\Sections\38845-887+50.00-887+50.00.dgn



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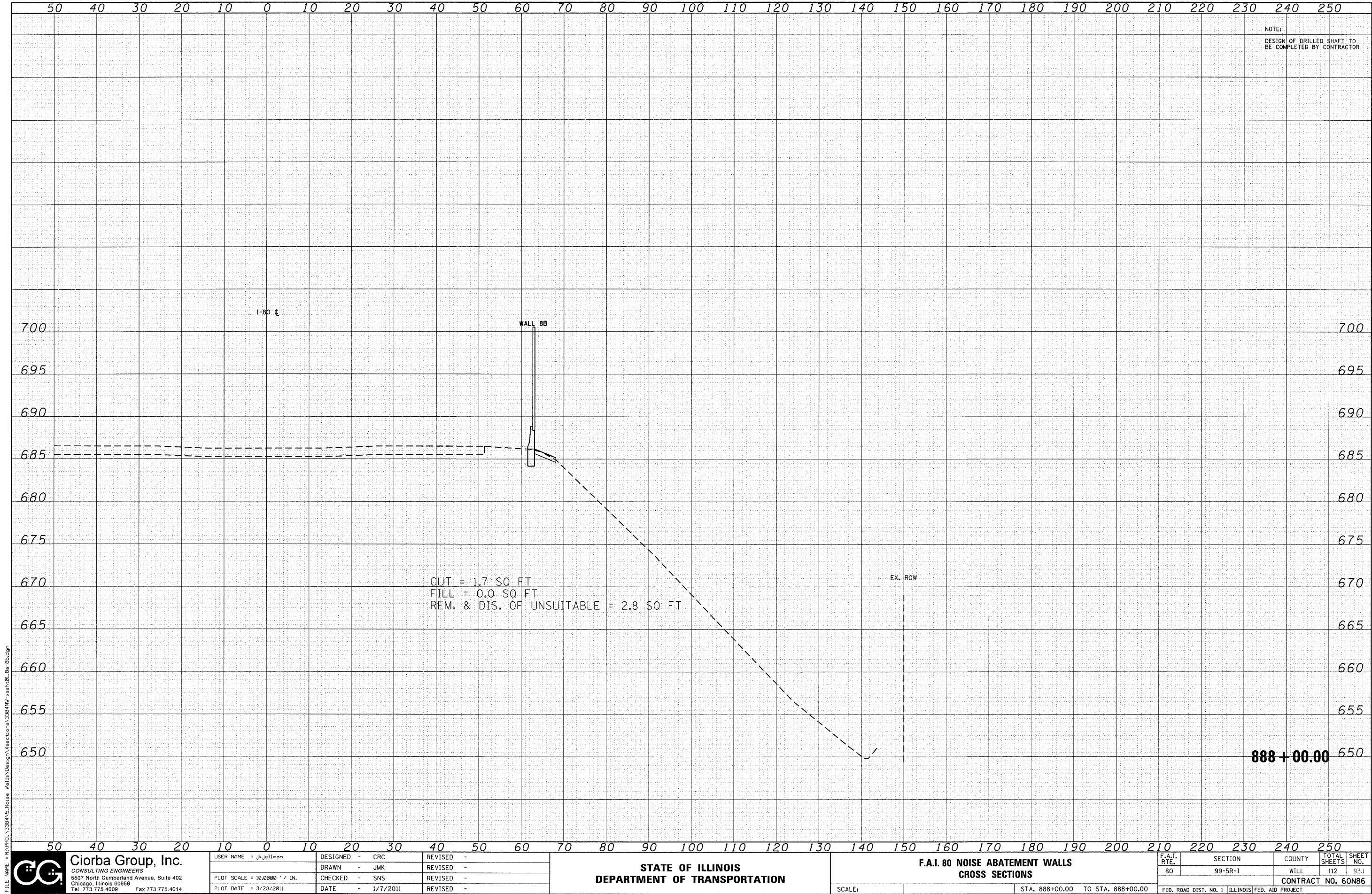
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	DATE - 1/7/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 NOISE ABATEMENT WALLS
CROSS SECTIONS

SCALE: STA. 887+50.00 TO STA. 887+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5R-1	WILL	112	931
CONTRACT NO. 60N86				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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USER NAME = jkellman
PLOT SCALE = 10.0000' / IN.
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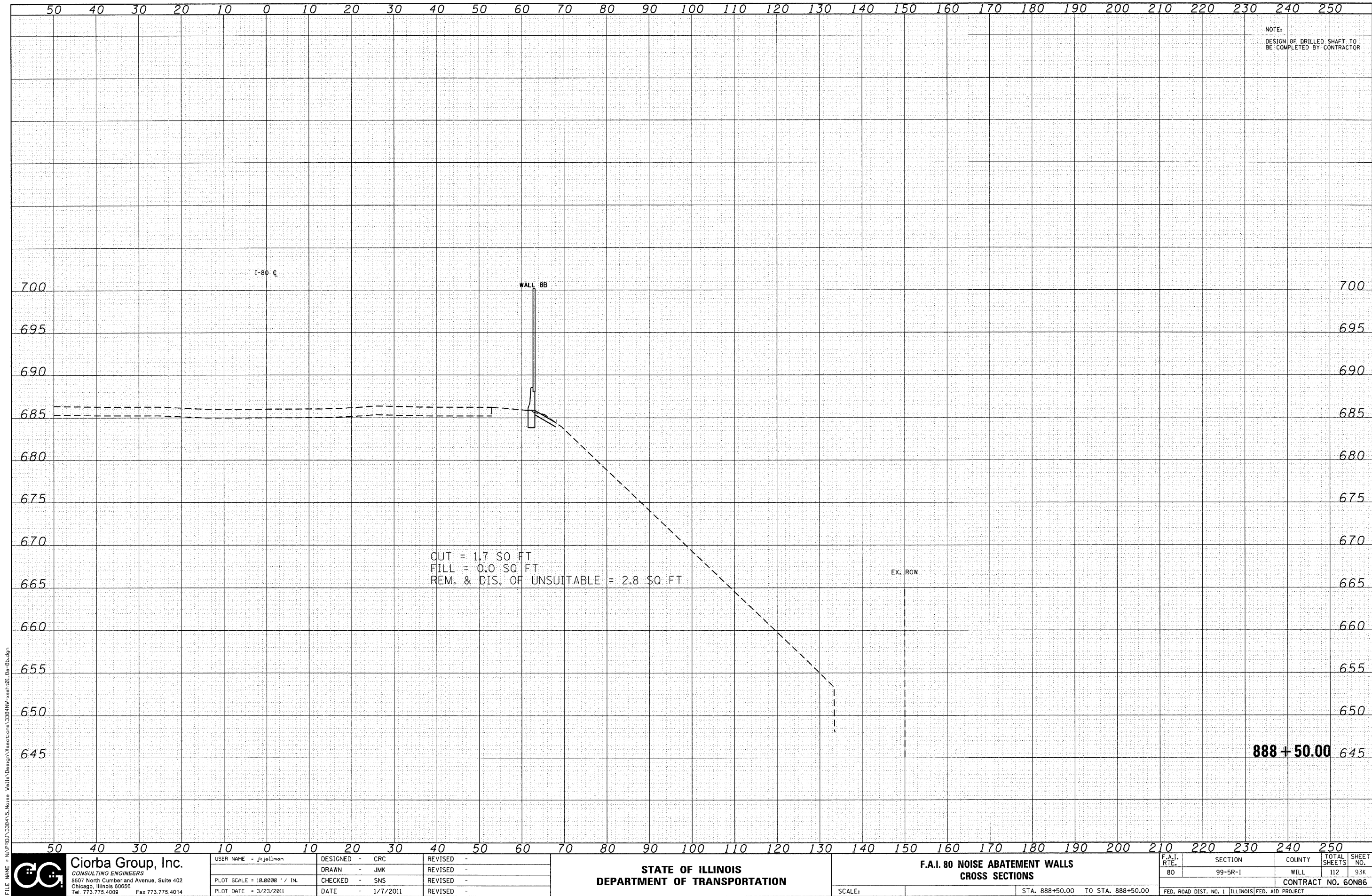
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 NOISE ABATEMENT WALLS
CROSS SECTIONS

SCALE:

STA. 888+00.00 TO STA. 888+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5R-1	WILL	112	93J
CONTRACT NO. 60N86				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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Ciorba Group, Inc.
CONSULTING ENGINEERS
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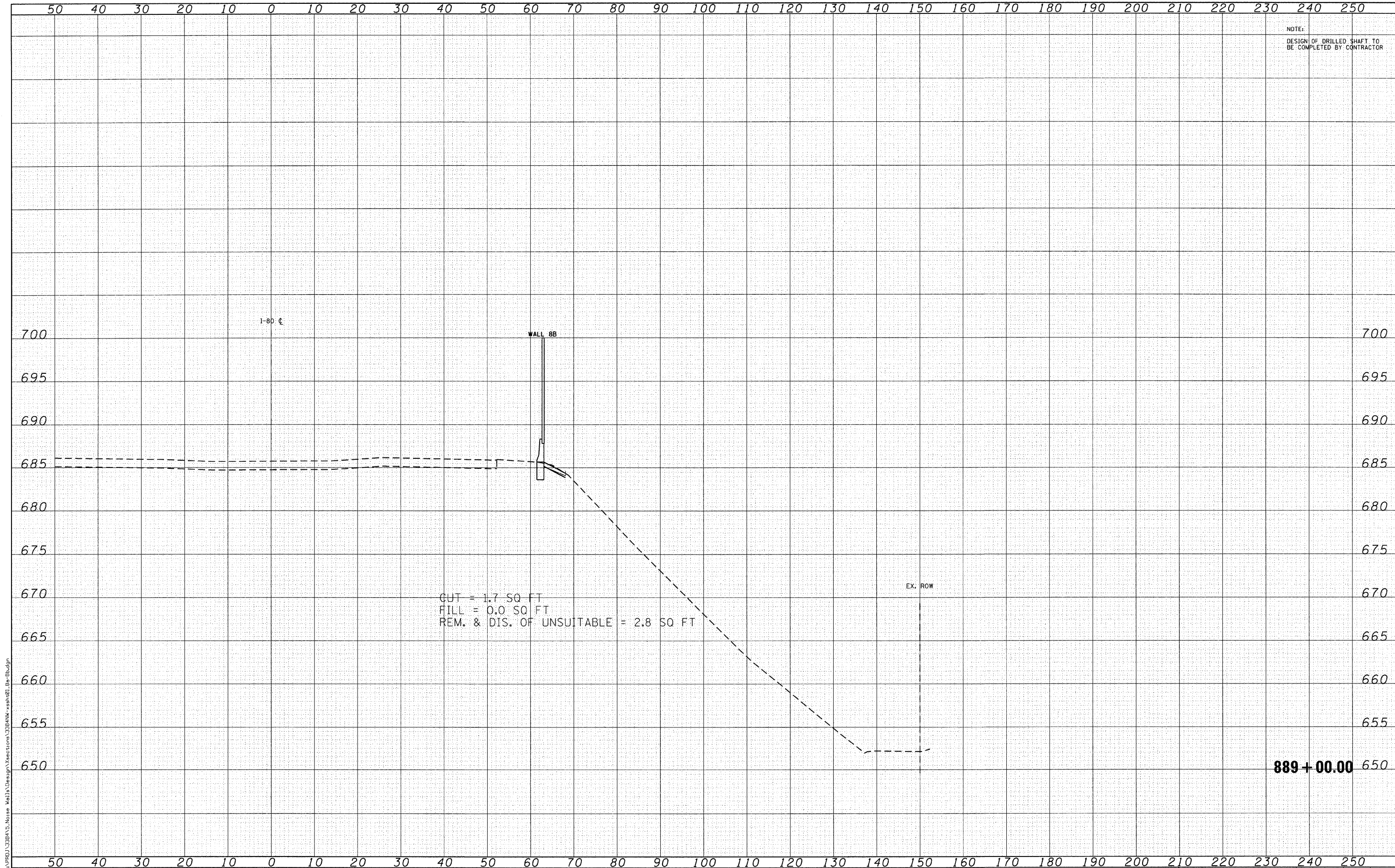
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PLOT DATE = 3/23/2011	DATE - 1/7/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 NOISE ABATEMENT WALLS
CROSS SECTIONS

SCALE: STA. 888+50.00 TO STA. 888+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5R-1	WILL	112	93K
CONTRACT NO. 60N86				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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Ciorba Group, Inc.
CONSULTING ENGINEERS
5507 North Cumberland Avenue, Suite 402
Chicago, Illinois 60656
Tel. 773.775.4009 Fax 773.775.4014

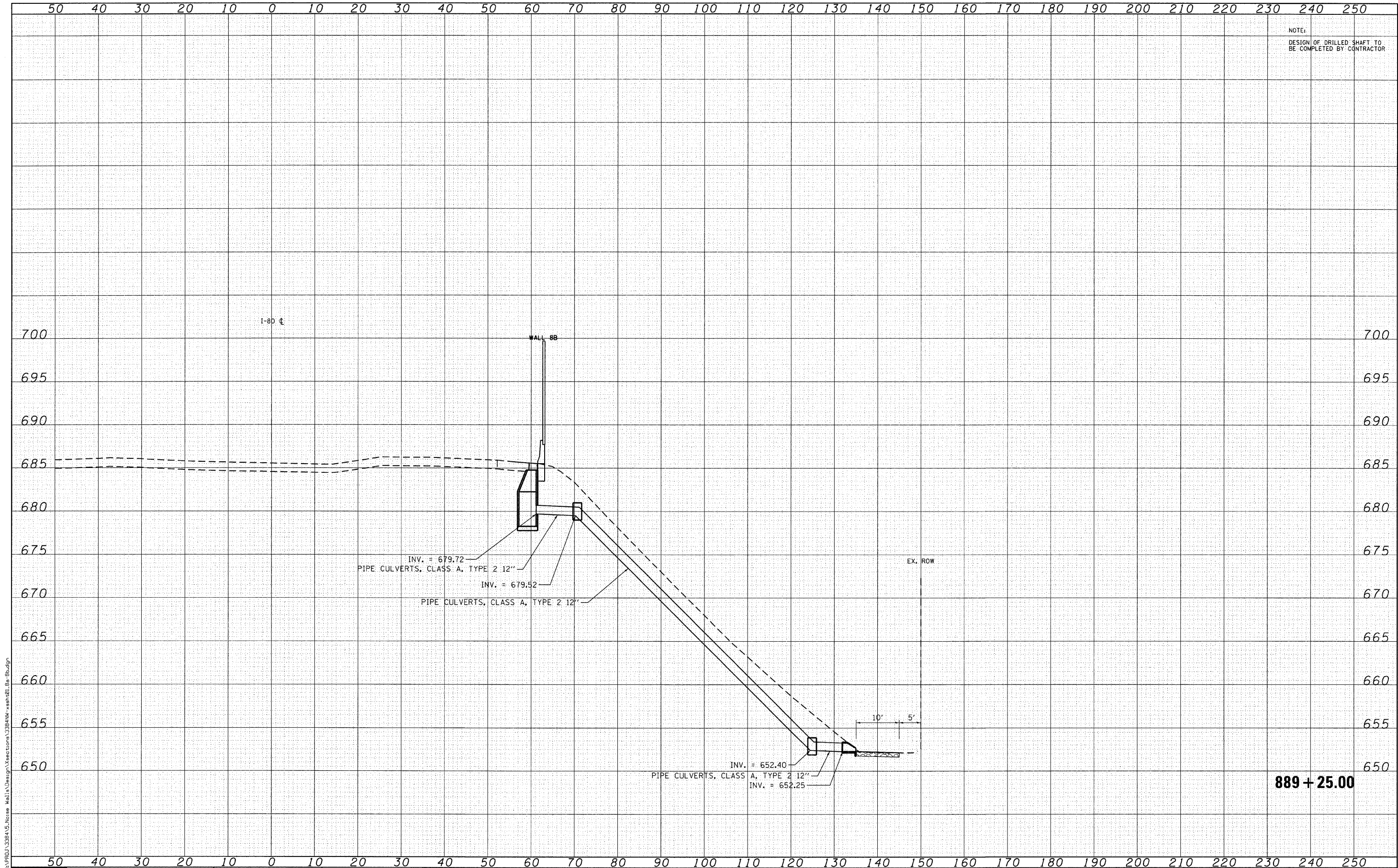
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PLOT DATE = 3/23/2011	CHECKED - SNS	REVISED -
	DATE - 1/7/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 NOISE ABATEMENT WALLS
CROSS SECTIONS

SCALE: STA. 889+00.00 TO STA. 889+00.00

F.A.I. RTE. 80	SECTION 99-5R-1	COUNTY WILL	TOTAL SHEETS 112	SHEET NO. 93L
CONTRACT NO. 60N86				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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CONSULTING ENGINEERS
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Chicago, Illinois 60656
Tel. 773.775.4009 Fax 773.775.4014

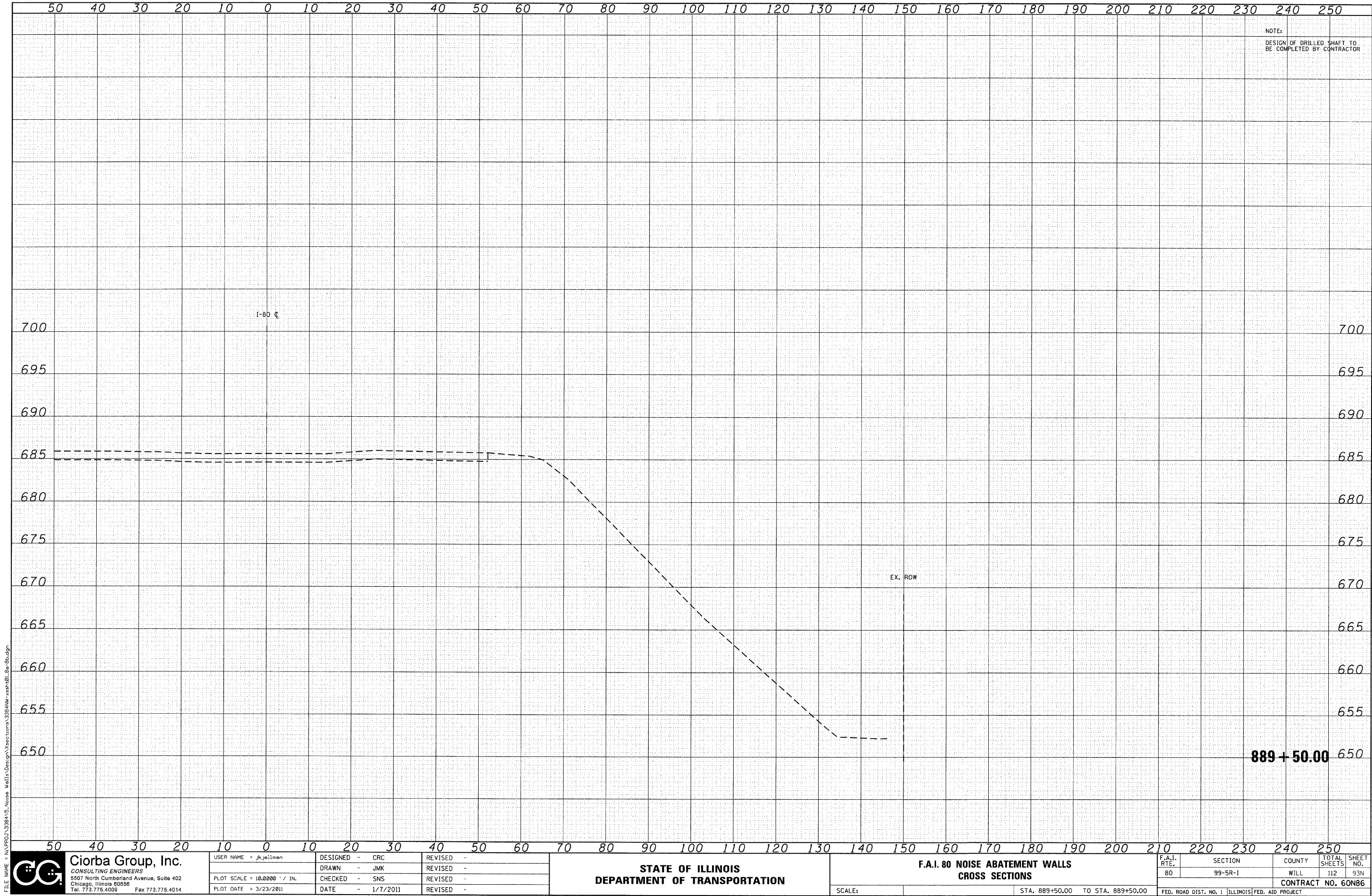
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PLOT DATE = 3/23/2011	CHECKED - SNS	REVISED -
	DATE - 1/7/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 NOISE ABATEMENT WALLS
CROSS SECTIONS

SCALE: STA. 889+25.00 TO STA. 889+25.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5R-1	WILL	112	93M
CONTRACT NO. 60N86				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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Ciorba Group, Inc.
CONSULTING ENGINEERS
5507 North Cumberland Avenue, Suite 402
Chicago, Illinois 60656
Tel. 773.775.4009 Fax 773.775.4014

USER NAME = jkjeliman
PLOT SCALE = 10.0000' / IN.
PLOT DATE = 3/23/2011

DESIGNED - CRC	REVISED -
DRAWN - JMK	REVISED -
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DATE - 1/7/2011	REVISED -

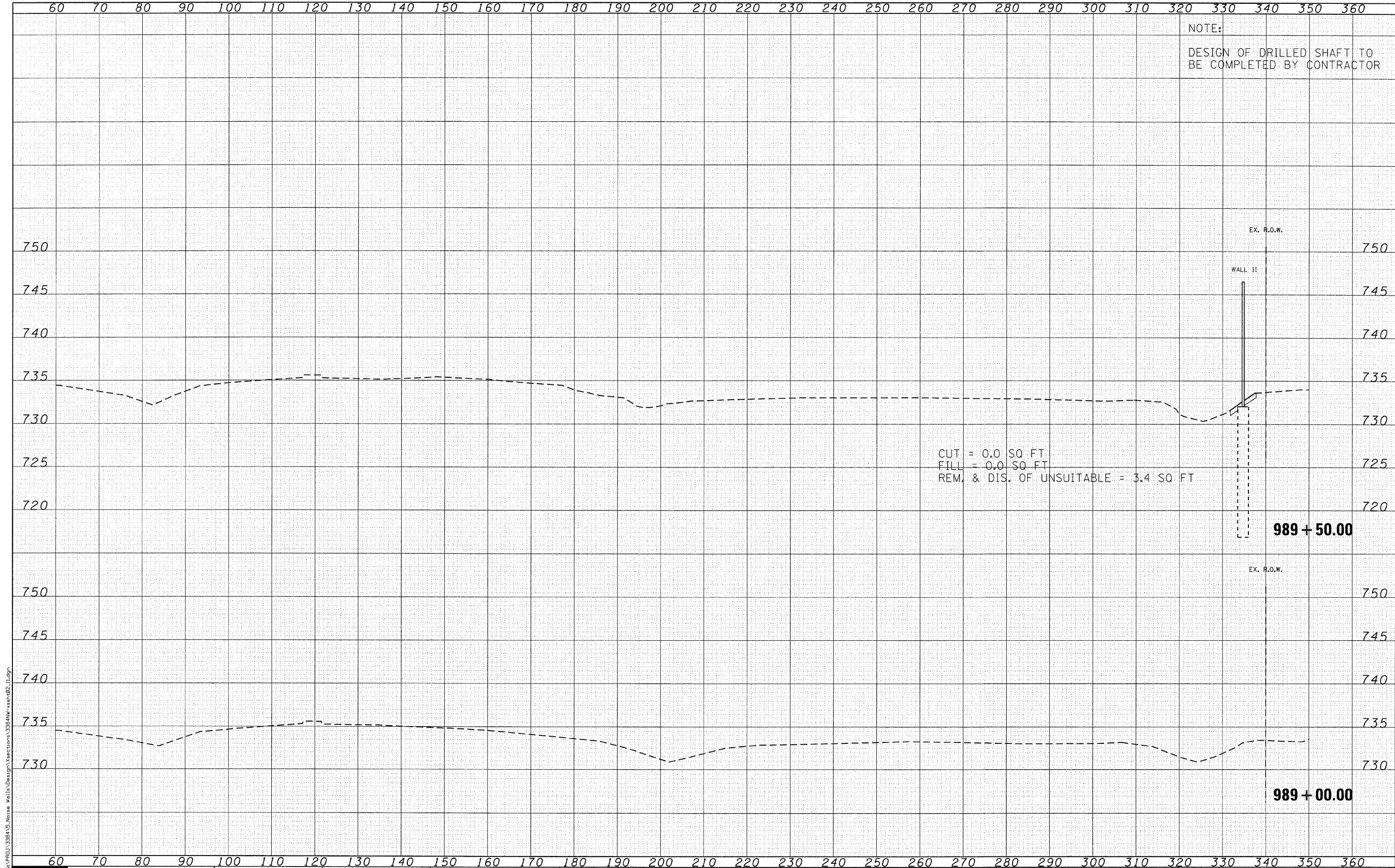
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 NOISE ABATEMENT WALLS
CROSS SECTIONS

SCALE:

STA. 889+50.00 TO STA. 889+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5R-1	WILL	112	93N
CONTRACT NO. 60N86				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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Chicago, Illinois 60656
Tel. 773.775.4009 Fax 773.775.4014

USER NAME = jk.jellman	DESIGNED - CRC	REVISED -
PLOT SCALE = 10.0000' / IN.	DRAWN - JMK	REVISED -
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	DATE - 1/7/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 NOISE ABATEMENT WALLS
CROSS SECTIONS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5R-1	WILL	112	94
CONTRACT NO. 60N86				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

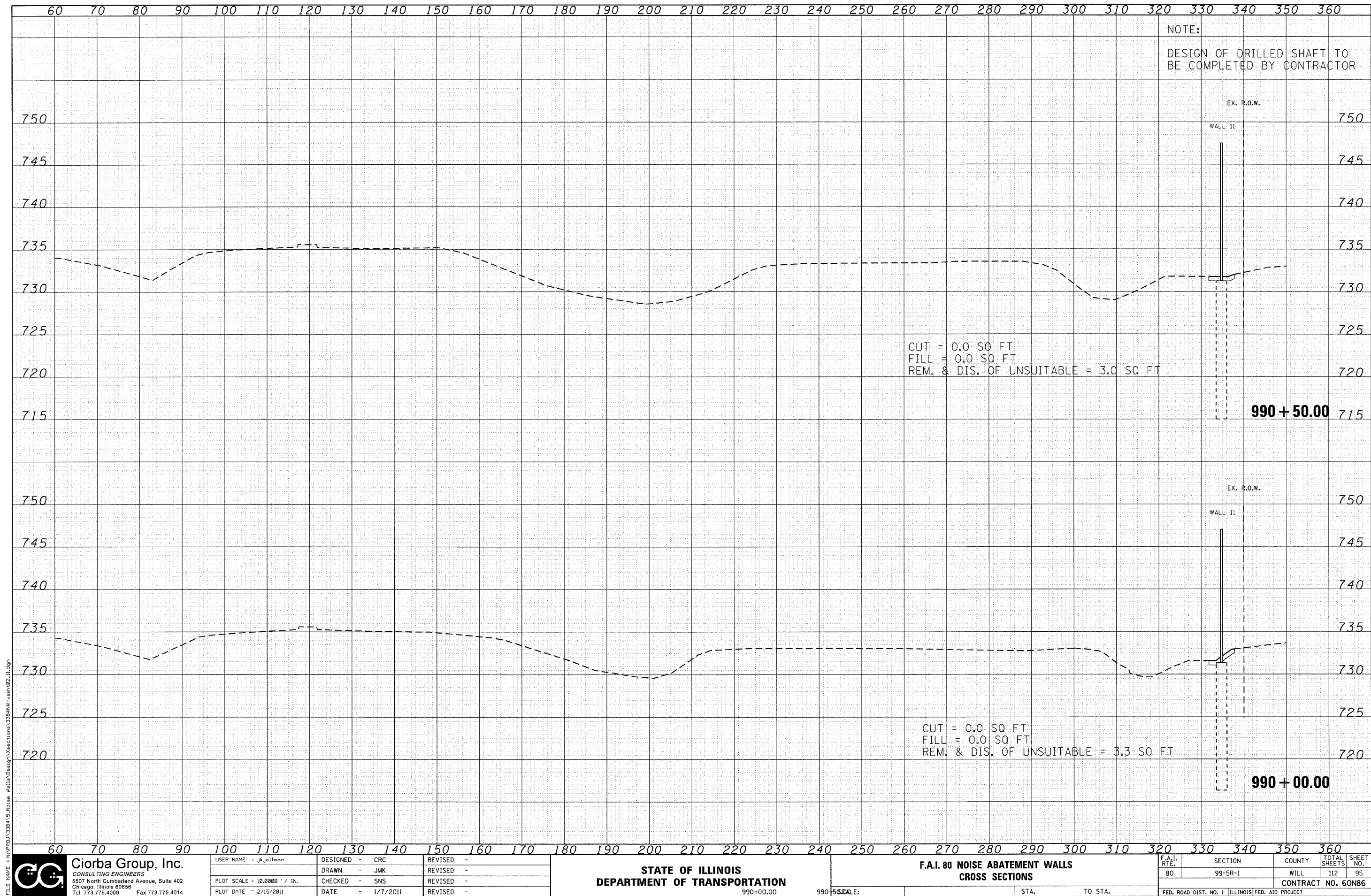
989+00.00

989+50.00

SCALE:

STA.

TO STA.



FILE NAME: N:\PROJ\338\15 Noise Walls\Group\Xsections\338\N\wall-02-11.dgn

CG Ciorba Group, Inc.
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Chicago, Illinois 60656
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USER NAME = jellman	DESIGNED - CRC	REVISED -
PLOT SCALE = 10.0000' / IN.	DRAWN - JMK	REVISED -
PLOT DATE = 2/15/2011	CHECKED - SNS	REVISED -
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DEPARTMENT OF TRANSPORTATION

990+00.00

990

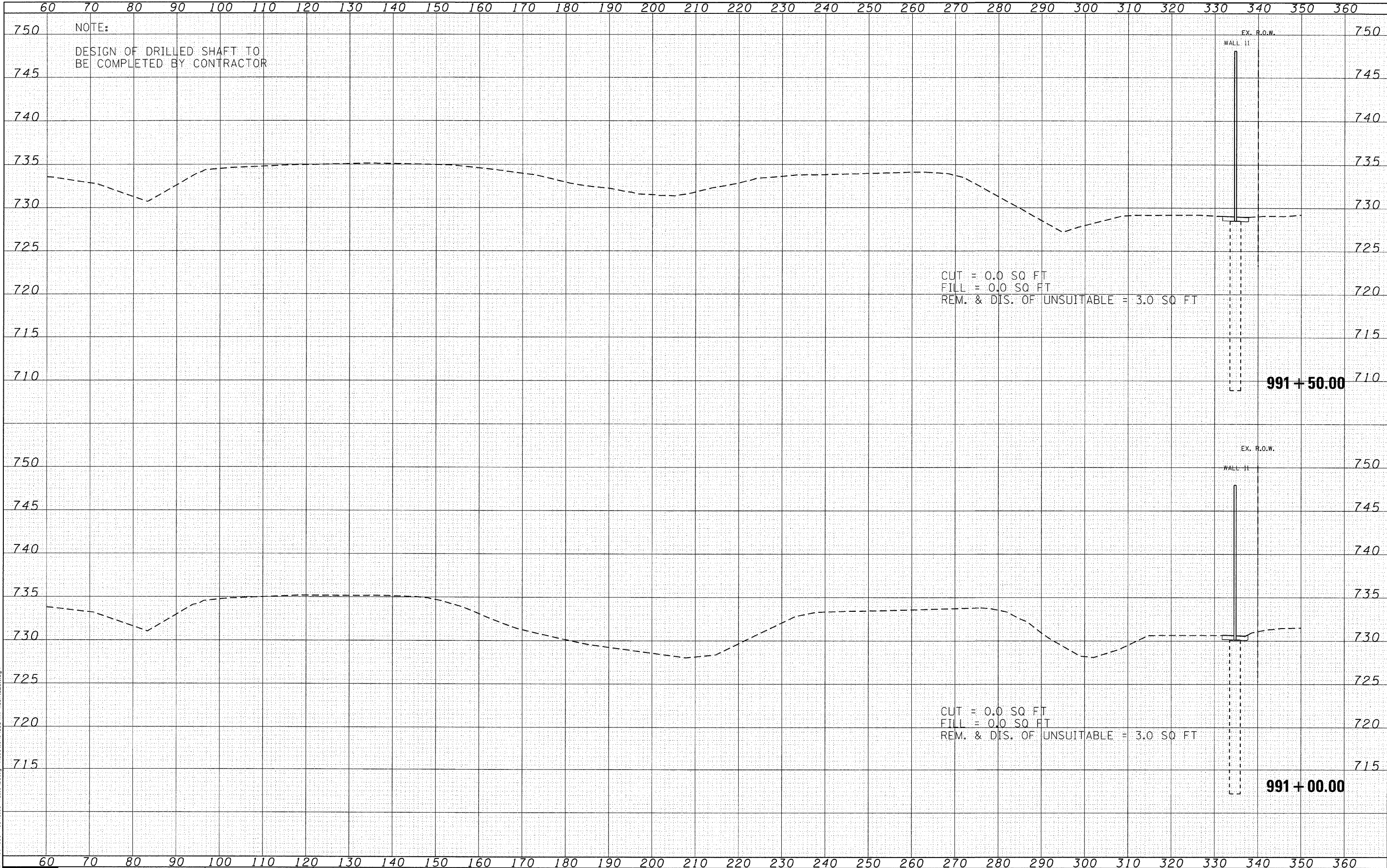
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F.A.I. 80 NOISE ABATEMENT WALLS
CROSS SECTIONS

STA.

TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5R-1	WILL	112	95
CONTRACT NO. 60N86				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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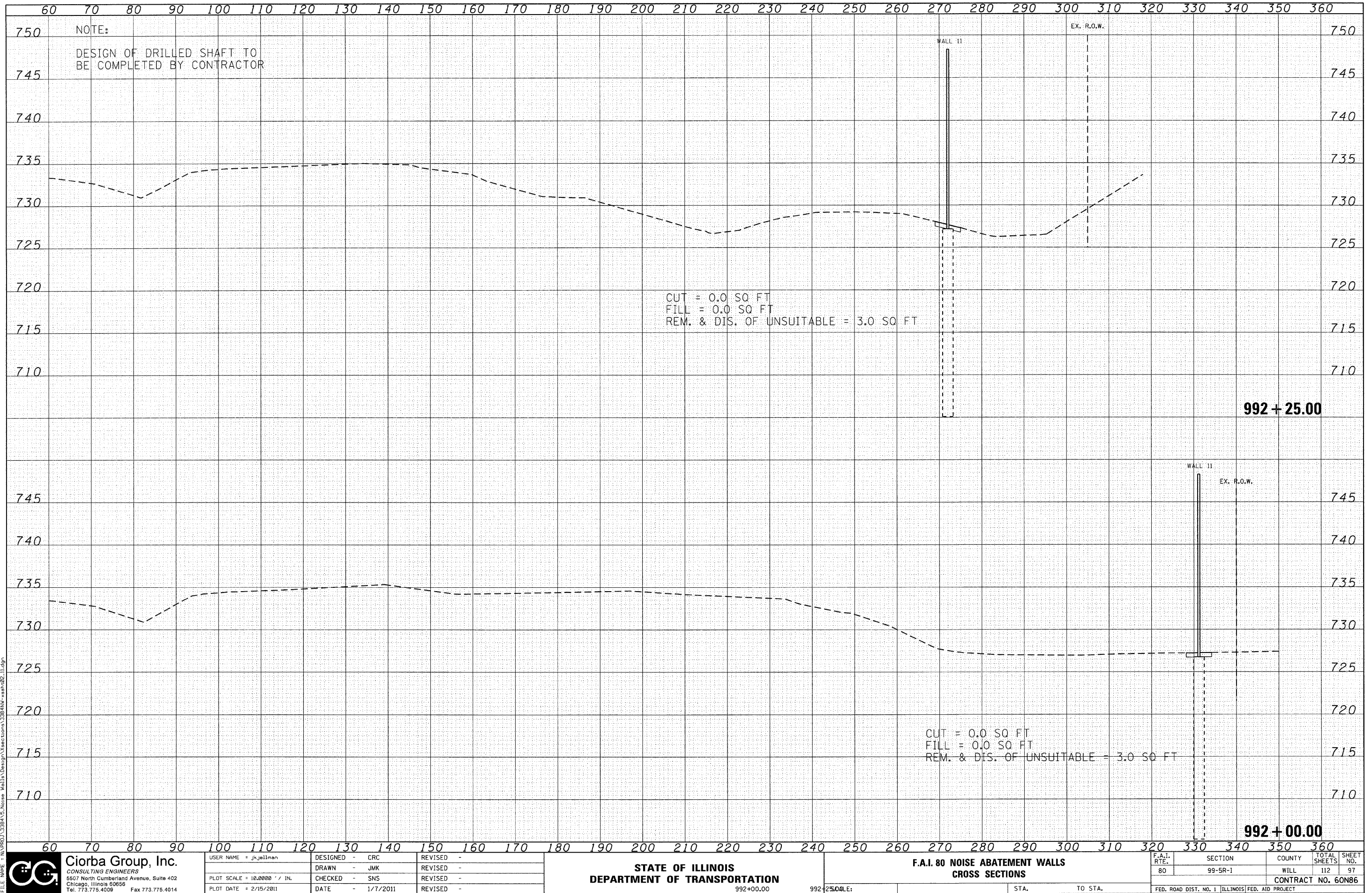
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PLOT DATE = 2/15/2011	DATE - 1/7/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 NOISE ABATEMENT WALLS
CROSS SECTIONS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5R-1	WILL	112	96
CONTRACT NO. 60N86				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

991+00.00 991+5000.00 STA. TO STA.



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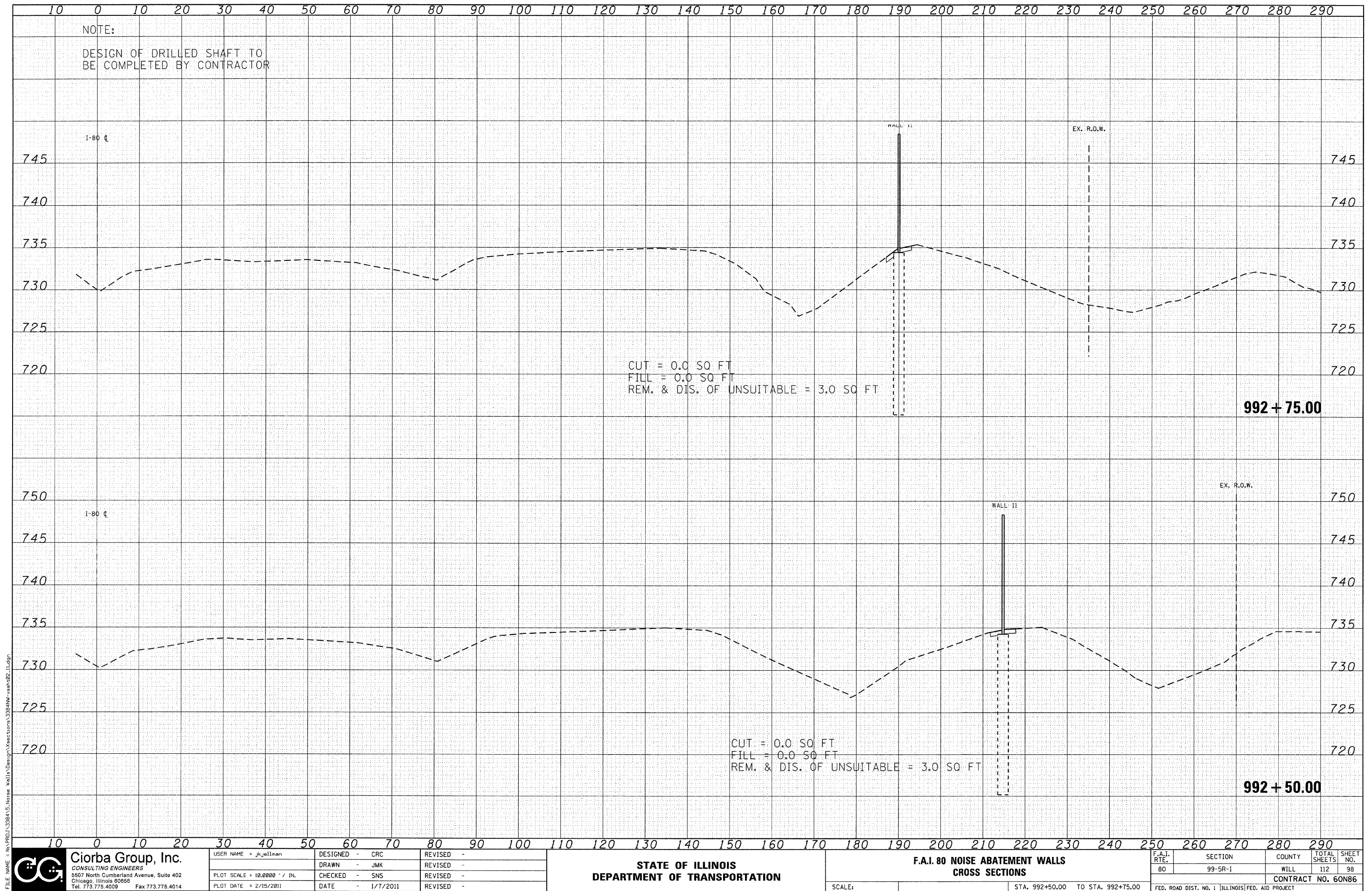
Ciorba Group, Inc.
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Tel. 773.775.4009 Fax 773.775.4014

USER NAME = jkellman	DESIGNED - CRC	REVISED -
PLOT SCALE = 10.0000' / IN.	DRAWN - JMK	REVISED -
PLOT DATE = 2/15/2011	CHECKED - SNS	REVISED -
	DATE - 1/7/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 NOISE ABATEMENT WALLS
CROSS SECTIONS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5R-1	WILL	112	97
CONTRACT NO. 60N86				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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Tel. 773.775.4009 Fax 773.775.4014

USER NAME = jkcellman	DESIGNED - CRC	REVISED -
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PLOT DATE = 2/15/2011	CHECKED - SNS	REVISED -
	DATE - 1/7/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 NOISE ABATEMENT WALLS
CROSS SECTIONS

SCALE: STA. 992+50.00 TO STA. 992+75.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5R-1	WILL	112	98
CONTRACT NO. 60N86				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

