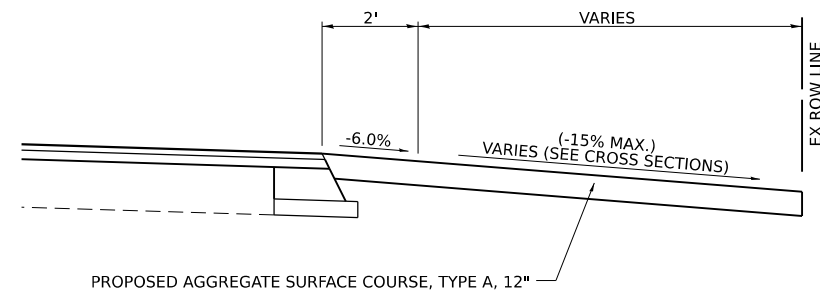
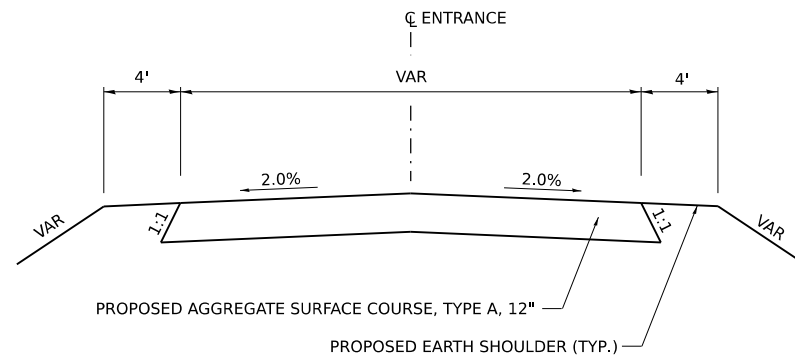


PLAN



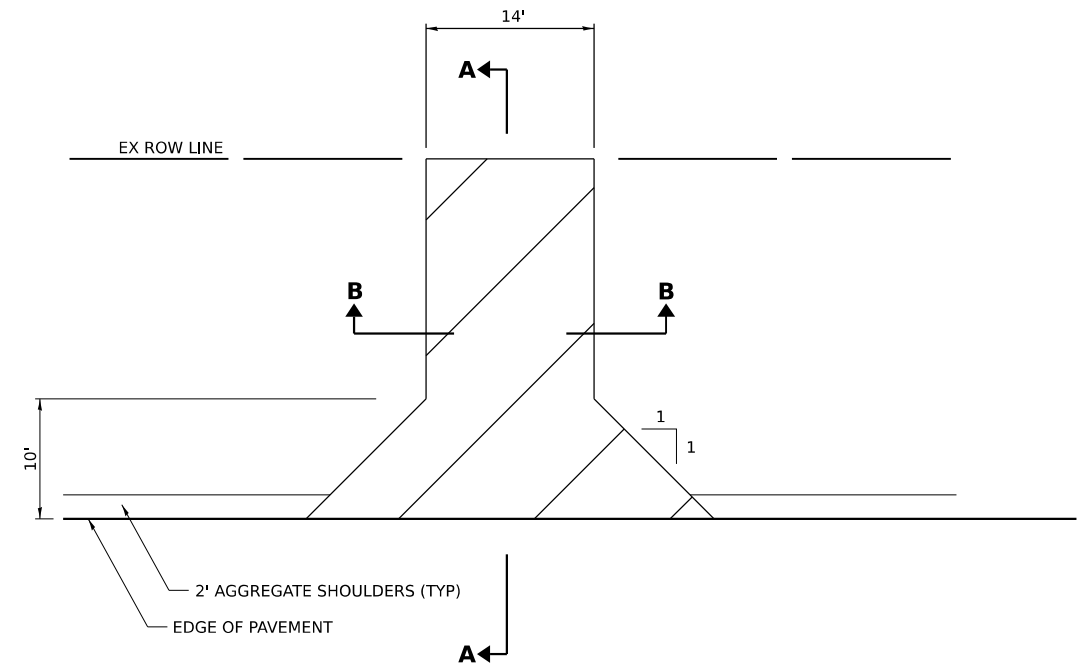
SECTION A-A



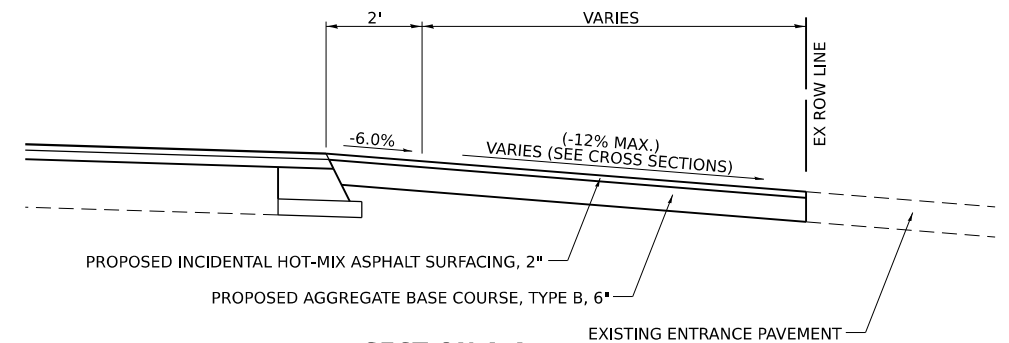
SECTION B-B

FIELD ENTRANCE (FE) DETAILS

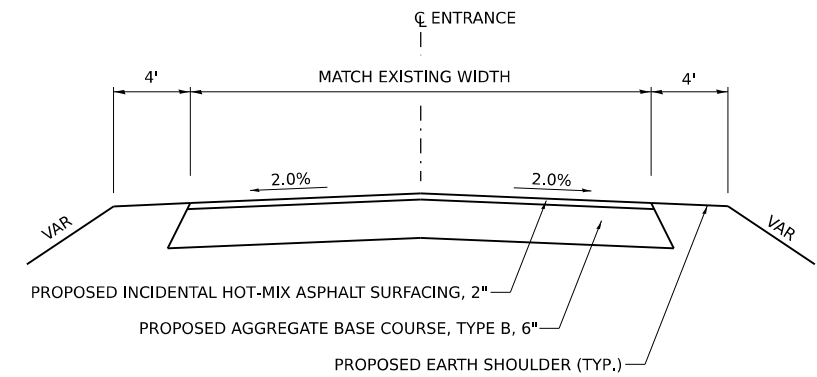
**SEE ENTRANCE
SCHEDULE FOR
LOCATIONS**



PLAN



SECTION A-A



SECTION B-B

PRIVATE ENTRANCE (PE) DETAILS

MODEL: Sheet 1
FILE NAME: VAS003 - CH15 Design Lasalle_ColCADD\CADD_Sheets\003-sheet1.dgn

Hutchison Engineering, Inc.
Jacksonville - Moline - Peoria - Shorewood
Since 1945

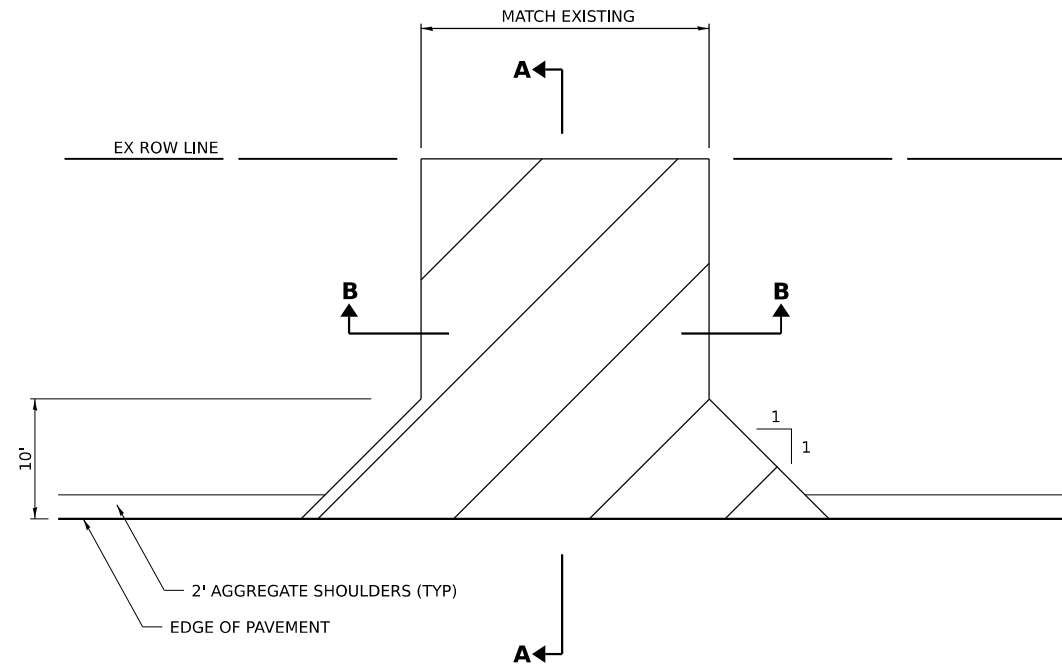
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PLOT SCALE = 0.16666633' / in.	DRAWN -	REVISED -
PLOT DATE = 6/14/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**LASALLE COUNTY
HIGHWAY DEPARTMENT**

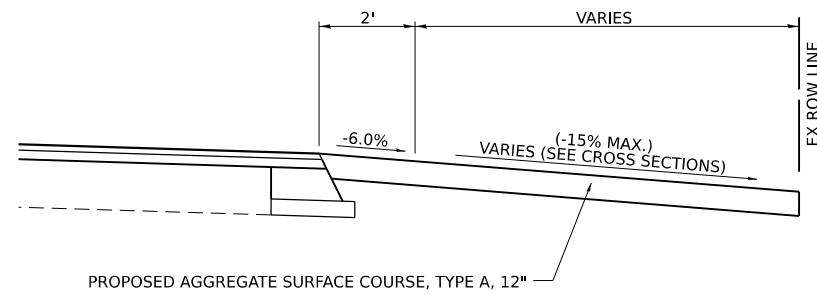
**CH 15 (E 22nd RD)
ENTRANCE DETAILS**

SCALE: N/A SHEET 1 OF 6 SHEETS STA. TO STA.

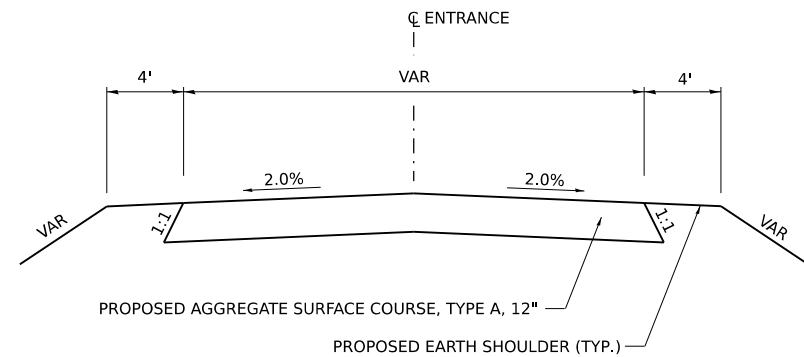
F.A.S. RTE. 288	SECTION 15-00351-00-WR	COUNTY LASALLE	TOTAL SHEETS 236	SHEET NO. 101
CONTRACT NO. 87801				
ILLINOIS FED. AID PROJECT				



PLAN



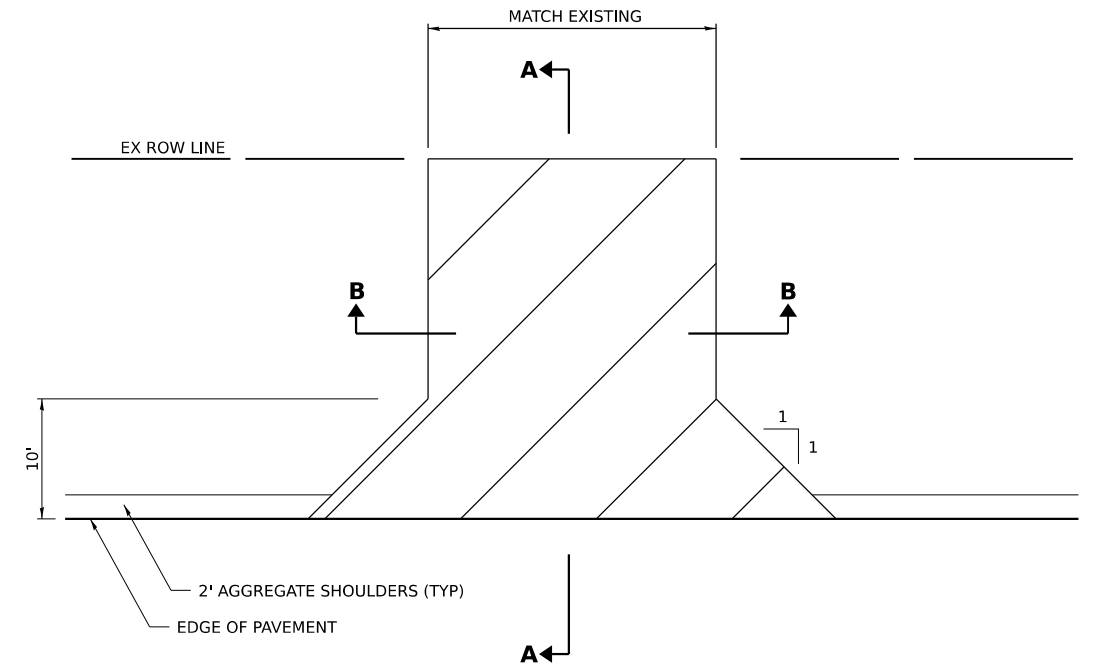
SECTION A-A



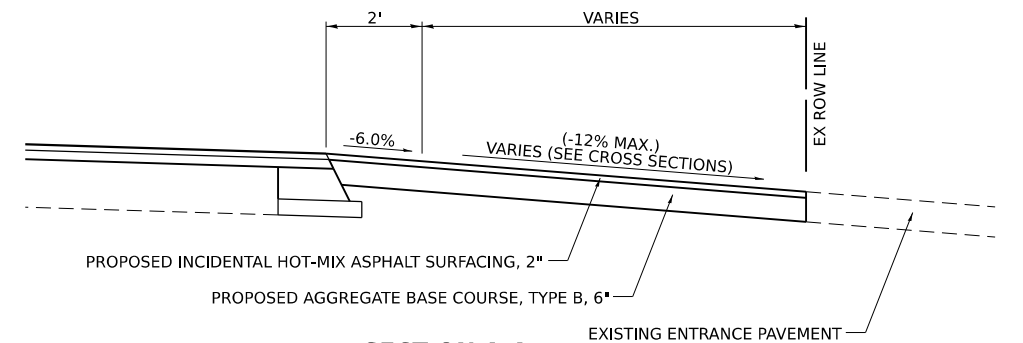
SECTION B-B

AGGREGATE COMMERCIAL ENTRANCE (CE) DETAILS

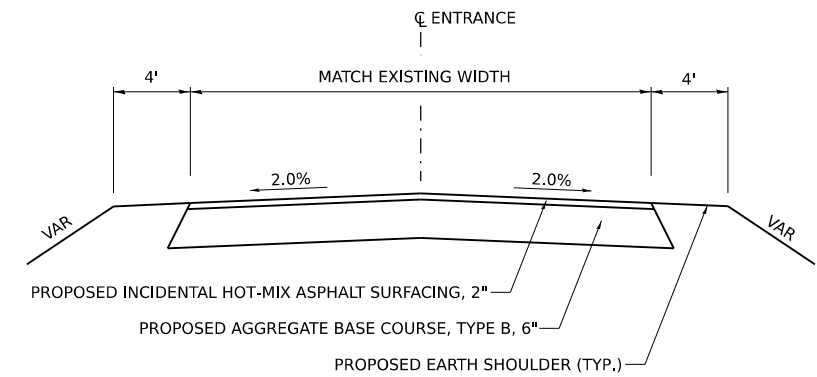
SEE ENTRANCE SCHEDULE FOR LOCATIONS



PLAN



SECTION A-A



SECTION B-B

HMA COMMERCIAL ENTRANCE (CE) DETAILS

MODEL: Sheet 2
FILE NAME: VAS003 - CH15 Design Lasalle_ColCADD\CADD_Sheets\0031-ent-detail-1.dgn

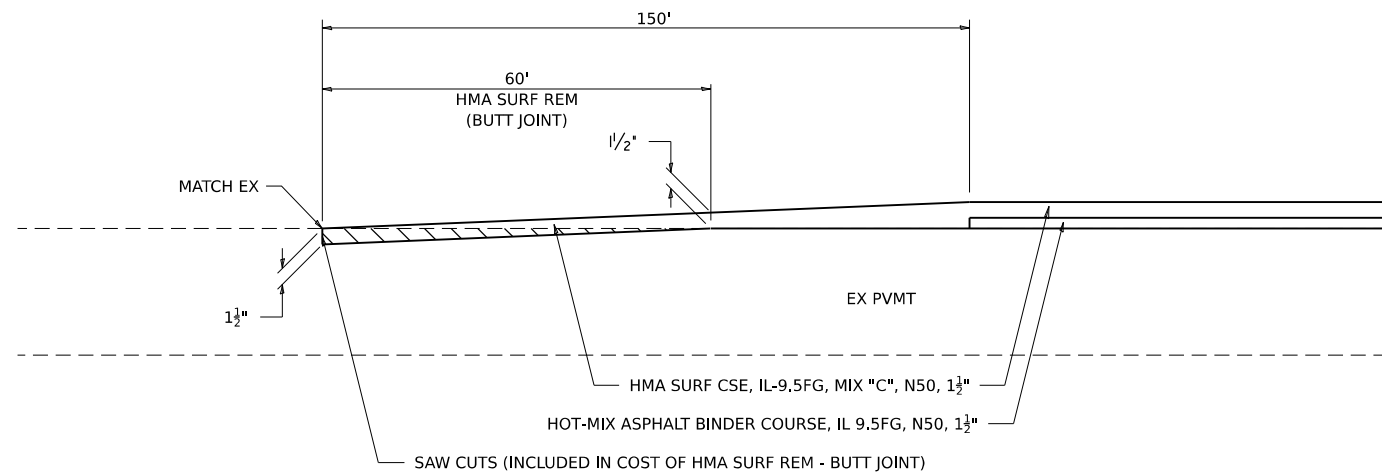
Hutchison Engineering, Inc.
Jacksonville - Moline - Peoria - Shorewood
Since 1945

USER NAME = BDeCrane	DESIGNED -	REVISED -
PLOT SCALE = 0.16666633' / in.	DRAWN -	REVISED -
PLOT DATE = 6/14/2023	CHECKED -	REVISED -
	DATE -	REVISED -

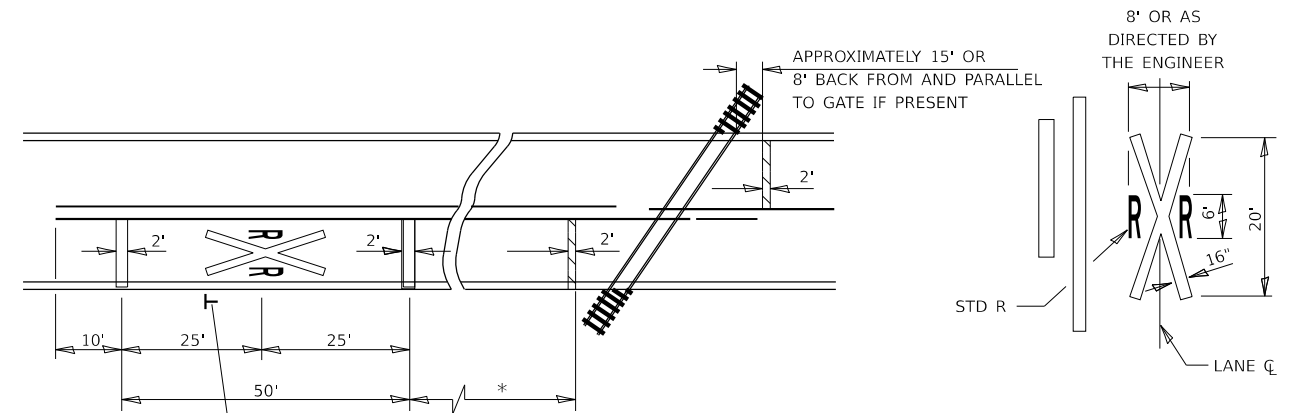
**LASALLE COUNTY
HIGHWAY DEPARTMENT**

CH 15 (E 22nd RD) ENTRANCE DETAILS	
SCALE: N/A	SHEET 2 OF 6 SHEETS
STA.	TO STA.

F.A.S. RTE. 288	SECTION 15-00351-00-WR	COUNTY LASALLE	TOTAL SHEETS 236	SHEET NO. 102
CONTRACT NO. 87801				
ILLINOIS FED. AID PROJECT				



**BEGINNING / ENDING TRANSITION DETAIL
AND AT OMISSIONS**



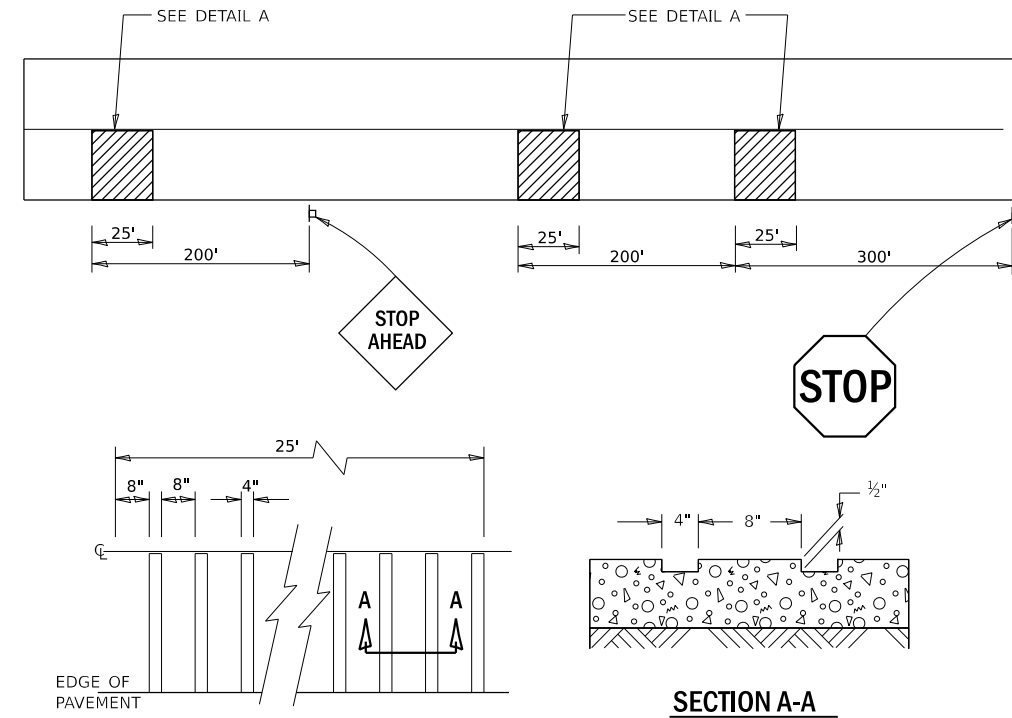
* MINIMUM DISTANCE
500' FOR 55 MPH
375' FOR 45 MPH
250' FOR 35 MPH OR LESS

NOTES:
THE TRANSVERSE SPREAD OF THE "X"
MAY VARY ACCORDING TO LANE WIDTH.

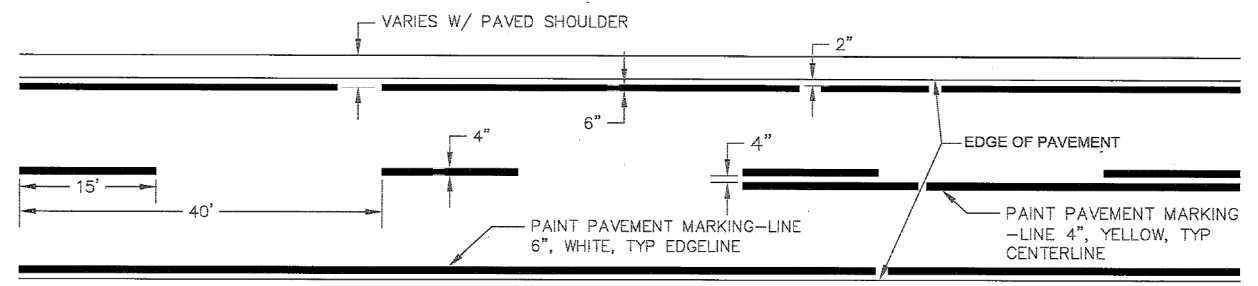
ON MULTI-LANE ROADS, THE STOP LINES
SHALL EXTEND ACROSS ALL APPROACH
LANES AND SEPARATE RXR SYMBOLS SHALL
BE PLACED ADJACENT TO EACH OTHER
IN EACH LANE.

WHEN THE PAVEMENT MARKING SYMBOL
IS USED, A PORTION OF THE SYMBOL
SHOULD BE LOCATED DIRECTLY ADJACENT
TO THE ADVANCE WARNING SIGN (W10-1).

**PAVEMENT MARKINGS AT
RAILROAD-HIGHWAY GRADE CROSSING**



**TYPICAL GROOVED RUMBLE STRIP
APPLICATION IN ADVANCE OF AN INTERSECTION**



**PAVEMENT STRIPING DETAIL
LASALLE COUNTY**
LASALLE COUNTY MAINTAINS A TWO GUN SYSTEM. PAINT OPERATION SHOULD REFLECT
LASALLE COUNTY'S SYSTEM

MODEL: Sheet 3
FILE NAME: VAS003 - CH15 Design Lasalle_ColCADD\CADD_Sheets\001-3ch-detail-1.dgn

Hutchison Engineering, Inc.
Jacksonville - Moline - Peoria - Shorewood
Since 1945

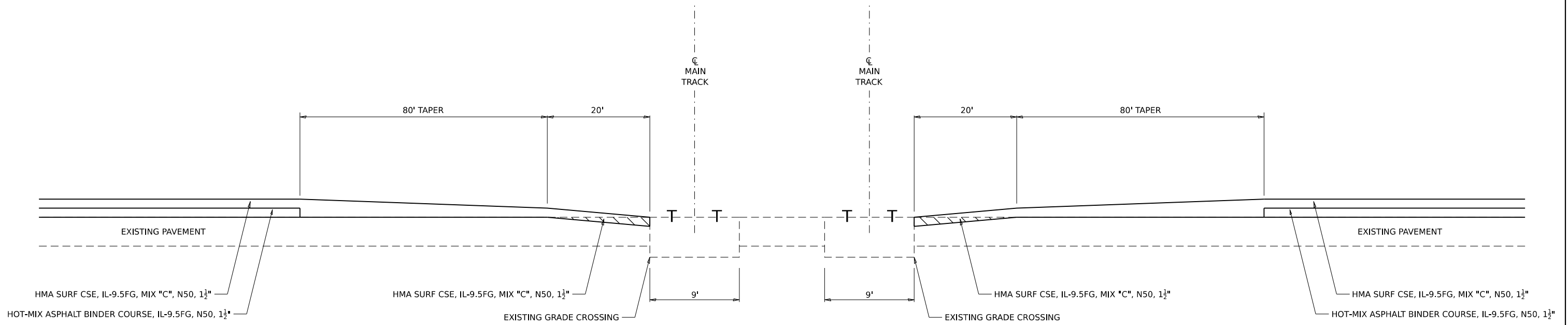
USER NAME = BWedemeyer	DESIGNED -	REVISED -
PLOT SCALE = 0.16666633' / in.	DRAWN -	REVISED -
PLOT DATE = 8/25/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**LASALLE COUNTY
HIGHWAY DEPARTMENT**

**CH 15 (E 22nd RD)
SPECIAL DETAILS**

SCALE: N/A SHEET 3 OF 6 SHEETS STA. TO STA.

F.A.S. RTE. 288	SECTION 15-00351-00-WR	COUNTY LASALLE	TOTAL SHEETS 236	SHEET NO. 103
CONTRACT NO. 87801				
ILLINOIS FED. AID PROJECT				



HMA SURFACE REMOVAL & REPLACEMENT AT THE CH 15 - BNSF RAILROAD GRADE CROSSING

DRAWING NOT TO SCALE

MODEL: Sheet 4
 FILE NAME: VAS003 - CH15 Design LaSalle_Co\CADD\CADD_Sheets\001-sht-detail1.dgn

Hutchison Engineering, Inc.
 Jacksonville - Moline - Peoria - Shorewood
 Since 1945

USER NAME = BWedemeyer	DESIGNED -	REVISED -
PLOT SCALE = 0.16666633' / in.	DRAWN -	REVISED -
PLOT DATE = 8/25/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

**CH 15 (E 22nd RD)
 SPECIAL DETAILS**

SCALE: N/A SHEET 4 OF 6 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
268	15-00351-00-WR	LASALLE	236	104
CONTRACT NO. 87801				
ILLINOIS FED. AID PROJECT				

NOTES

THE REFERENCE MARKERS SHALL BE CONSTRUCTED BY POURING CLASS SI CONCRETE INTO HOLES PREPARED BY A POST HOLE DIGGER OR OTHER APPROVED METHODS. FORMS WILL NOT BE REQUIRED. PRECAST MARKERS OF THE SAME SIZE AND CONSTRUCTION MAY BE USED.

IN CULTIVATED FIELDS REFERENCE MARKERS SHALL BE PLACED TWO FEET BELOW THE GROUND SURFACE. IN FENCE LINES OR PROTECTED AREAS THE TOP SHALL BE PLACED AT GROUND LEVEL.

THE FOLLOWING WORK SHALL BE DONE UNDER THE DIRECTION OF A REGISTERED LAND SURVEYOR OF THE STATE OF ILLINOIS:

VERIFY AND TIE OFF ALL U.S. PUBLIC LAND SURVEY MONUMENTS, SHOWN IN THE PLANS, PRIOR TO CONSTRUCTION OPERATIONS. TIE POINTS SHALL BE SUFFICIENT IN NUMBER AND IN LOCATIONS AS NOT TO BE DISTURBED DURING CONSTRUCTION OPERATIONS.

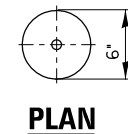
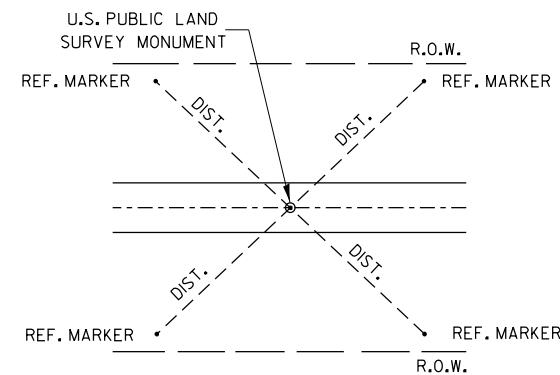
AFTER CONSTRUCTION OPERATIONS ARE COMPLETE, INSTALL A PERMANENT SURVEY MARKER OF THE TYPE SPECIFIED TO REPLACE THE U.S. PUBLIC LAND SURVEY MONUMENT THAT WAS DISPLACED OR COVERED DURING CONSTRUCTION. THE LETTERING REFERRING TO THE STATE OF ILLINOIS AND DIVISION OF HIGHWAYS SHALL BE OMITTED FROM THE PERMANENT SURVEY MARKER AND THE MARKER SHALL BE MARKED AS DIRECTED BY THE ENGINEER.

SET FOUR CONCRETE REFERENCE MARKERS FOR EACH U.S. PUBLIC LAND SURVEY MONUMENT.

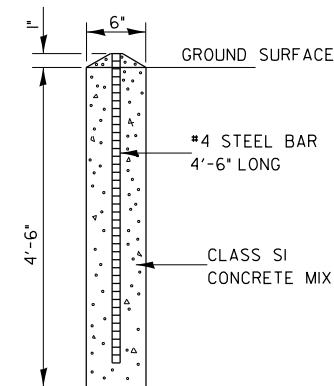
PREPARE MONUMENT RECORDS, FILE THE RECORDS AT THE COUNTY RECORDER'S OFFICE, AND PROVIDE A COPY TO THE DISTRICT OFFICE.

LAND SECTION MARKERS

SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE, EACH, WHICH WILL BE PAYMENT IN FULL FOR SETTING TIE POINTS, SETTING FOUR CONCRETE REFERENCE MARKERS, PREPARING MONUMENT RECORDS, RECORDING AT COUNTY RECORDER'S OFFICE AND PROVIDING A COPY TO THE DISTRICT OFFICE.



PLAN



SECTION

CONCRETE REFERENCE MARKER

LAND SECTION MARKER DETAILS

MODEL: Sheet 5
FILE NAME: V05003 - CH15 Design LaSalle_Co\CADD\CADD_Sheets\5003-CH15-Details.dgn

Hutchison Engineering, Inc.
Jacksonville - Moline - Peoria - Shorewood
Since 1945

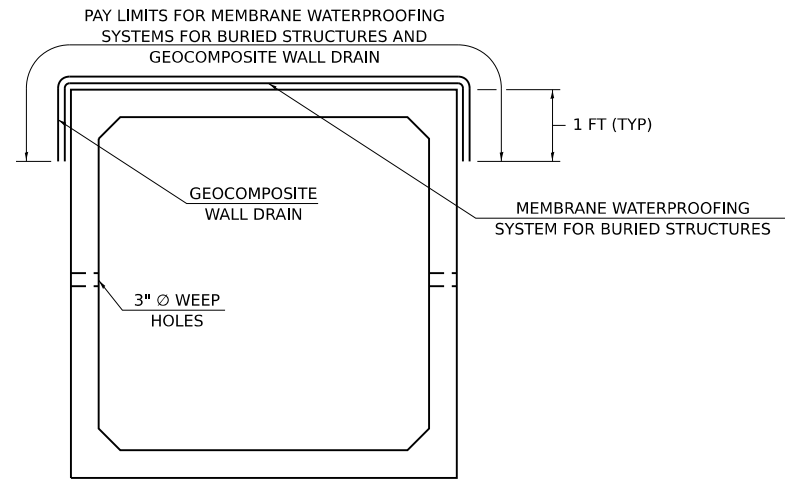
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	DRAWN -	REVISED -
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PLOT DATE = 6/14/2023	DATE -	REVISED -

**LASALLE COUNTY
HIGHWAY DEPARTMENT**

**CH 15 (E 22nd RD)
SPECIAL DETAILS**

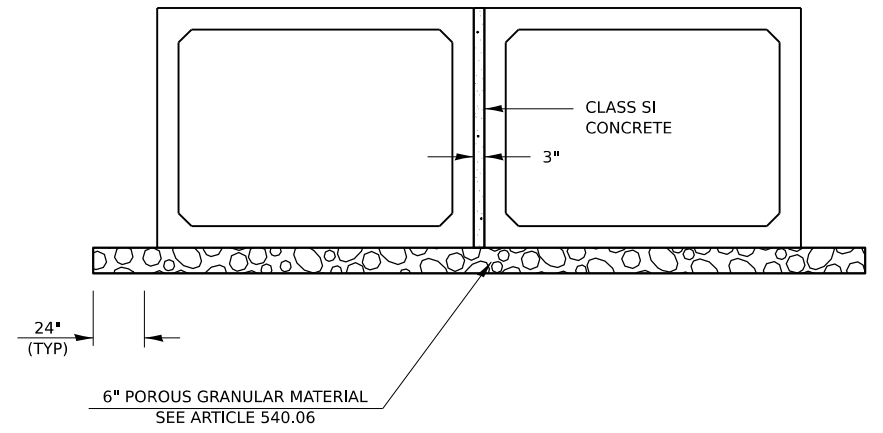
SCALE: N/A SHEET 5 OF 6 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
288	15-00351-00-WR	LASALLE	236	105
CONTRACT NO. 87801				
		ILLINOIS	FED. AID PROJECT	

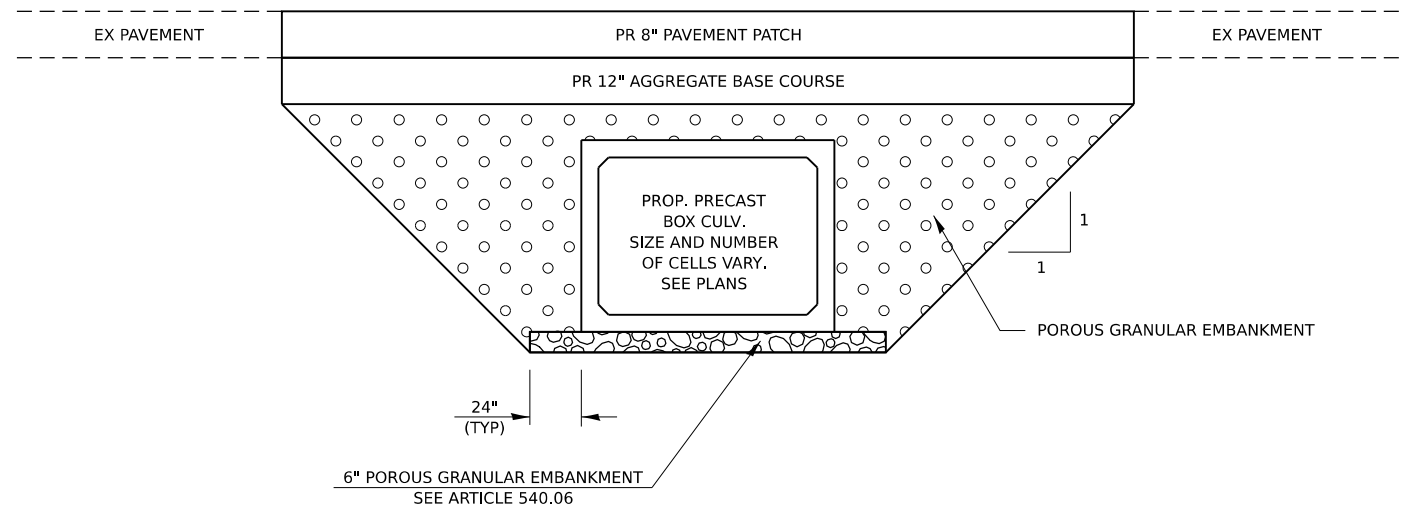


SECTION THROUGH PRECAST CONCRETE BOX CULVERT

MEMBRANE WATERPROOFING FOR BURIED STRUCTURES AND GEOCOMPOSITE WALL DRAIN DETAIL

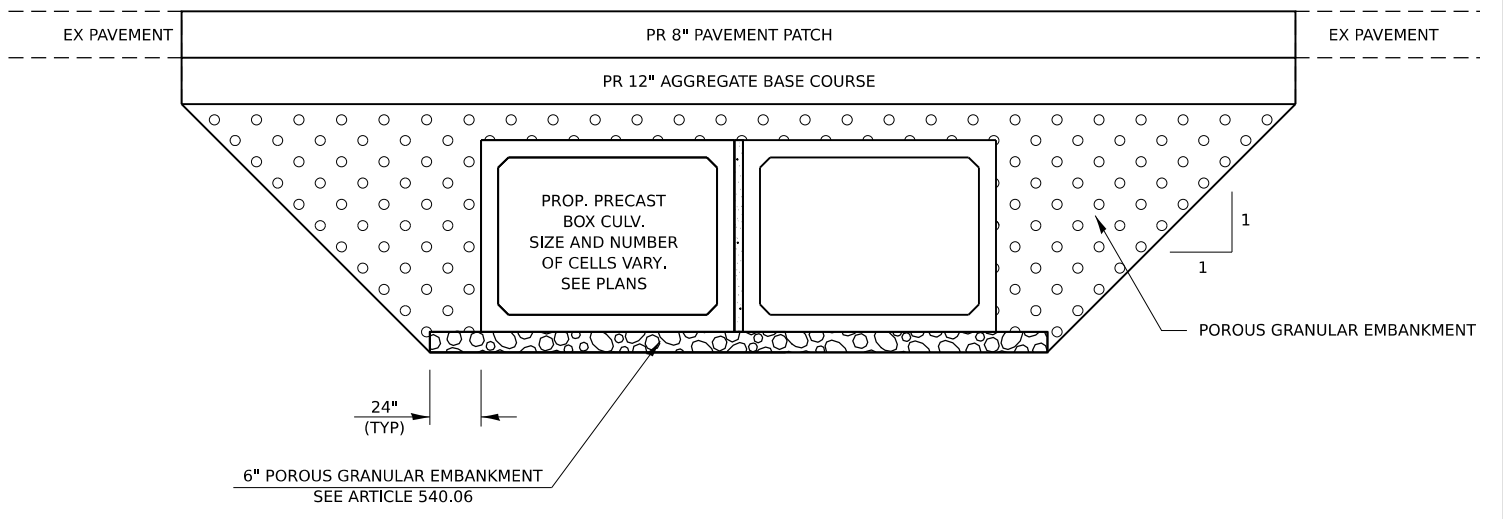


SECTION THRU DUAL PRECAST CONCRETE BOX CULVERTS 7'x4' & 10'x6'



SECTION THROUGH PRECAST BOX CULVERT

BOX CULVERT BACKFILLING DETAIL



SECTION THROUGH PRECAST BOX CULVERT

BOX CULVERT BACKFILLING DETAIL

MODEL: Sheet 6
FILE NAME: VAS003 - CH15 Design LaSalle_Co\CADD\CADD_Sheets\001-sht-detail-1.dgn

Hutchison Engineering, Inc.
Jacksonville - Moline - Peoria - Shorewood
Since 1945

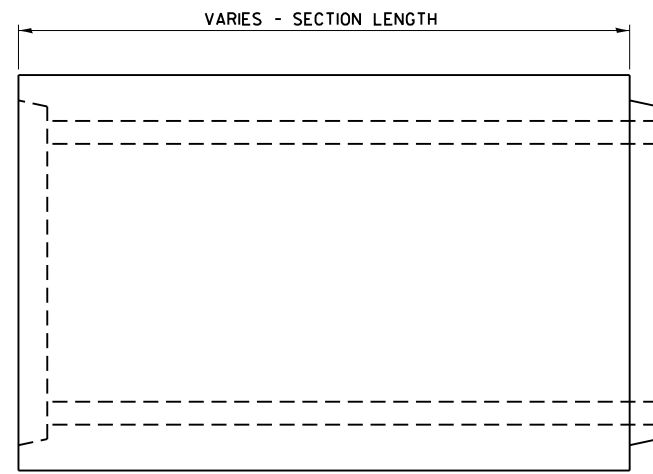
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PLOT SCALE = 0.16666633' / in.	DRAWN -	REVISED -
PLOT DATE = 6/14/2023	CHECKED -	REVISED -
	DATE -	REVISED -

LASALLE COUNTY HIGHWAY DEPARTMENT

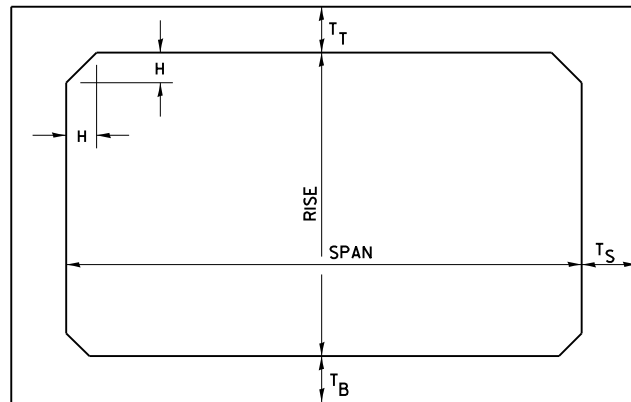
CH 15 (E 22nd RD) SPECIAL DETAILS

SCALE: N/A SHEET 6 OF 6 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
288	15-00351-00-WR	LASALLE	236	106
CONTRACT NO. 87801				
ILLINOIS FED. AID PROJECT				



ELEVATION



NOTE: THE HAUNCH DIMENSION H, IS EQUAL TO THE WALL THICKNESS T . S

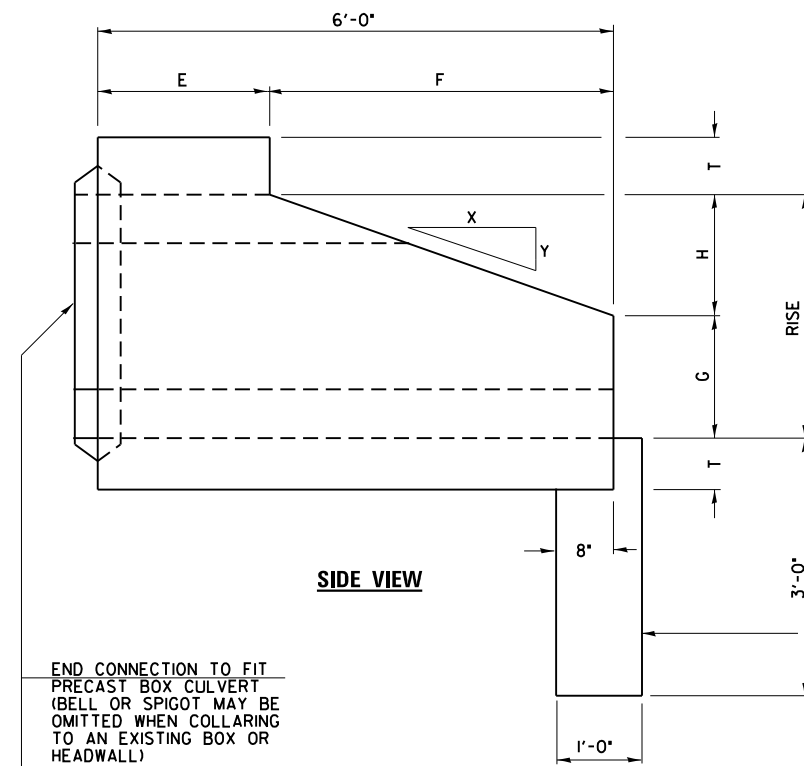
TYPICAL BOX SECTION

SPAN, FEET	T _T , INCHES		T _B , INCHES		T _S , INCHES	
	M 259	M 273	M 259	M 273	M 259	M 273
3	4	7	4	6	4	4
4	5	7½	5	6	5	5
5	6	8	6	7	6	6
6	7	8	7	7	7	7
7	8	8	8	8	8	8
8	8	8	8	8	8	8
9	9	9	9	9	9	9
10	10	10	10	10	10	10
11	11	11	11	11	11	11
12	12	12	12	12	12	12

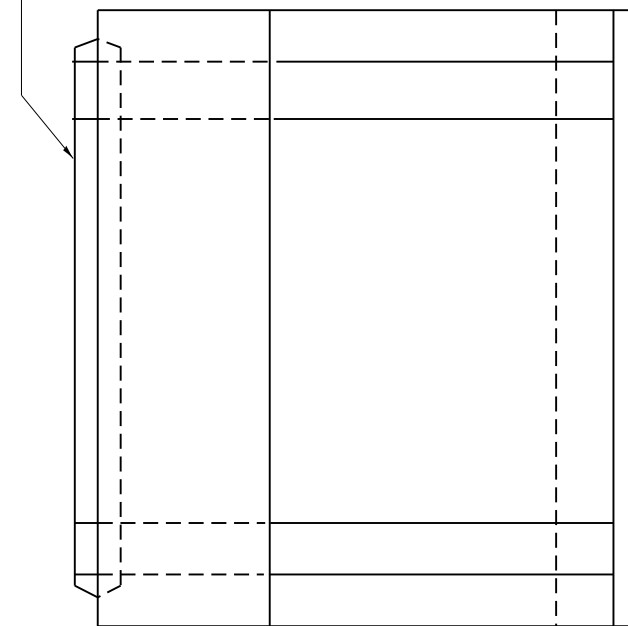
TYPICAL THICKNESSES

GENERAL NOTE: MINIMUM COVER FOR BOX CULVERTS SHALL BE 6'.

**PRECAST CONCRETE BOX SECTION
(DISTRICT STANDARD 540-15)**

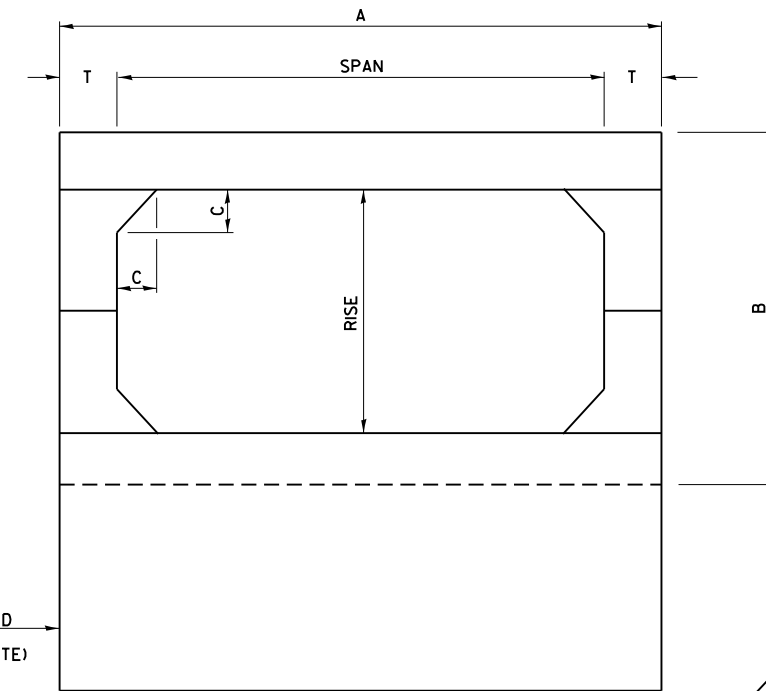


SIDE VIEW

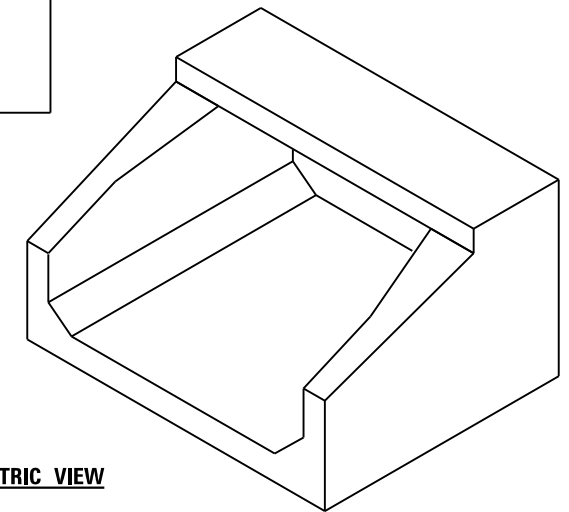


PLAN

PRECAST OR FIELD
POURED TOEWALL
(CLASS S1 CONCRETE)



END VIEW



ISOMETRIC VIEW

SPAN X RISE	T (INCHES)	A (FT.-IN.)	B (FT.-IN.)	C (INCHES)	E (FT.-IN.)	F (FT.-IN.)	G (FT.-IN.)	H (FT.-IN.)	SLOPE
6' X 4'	7	7 - 2	5 - 2	7	2 - 0	4 - 0	2 - 0	2 - 0	2 : 1
7' X 4'	8	8 - 4	5 - 4	8	2 - 0	4 - 0	2 - 0	2 - 0	2 : 1

**PRECAST CONCRETE BOX CULVERT END SECTION
(DISTRICT STANDARD 540-16)**

**LASALLE COUNTY
HIGHWAY DEPARTMENT**

**CH 15 (E 22nd RD)
PRECAST CONCRETE BOX CULVERT END SECTION DETAILS**

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
288	15-00351-00-WR	LASALLE	236	107
CONTRACT NO. 87801				

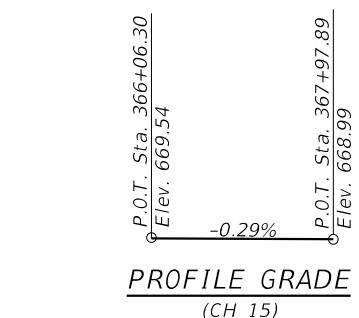
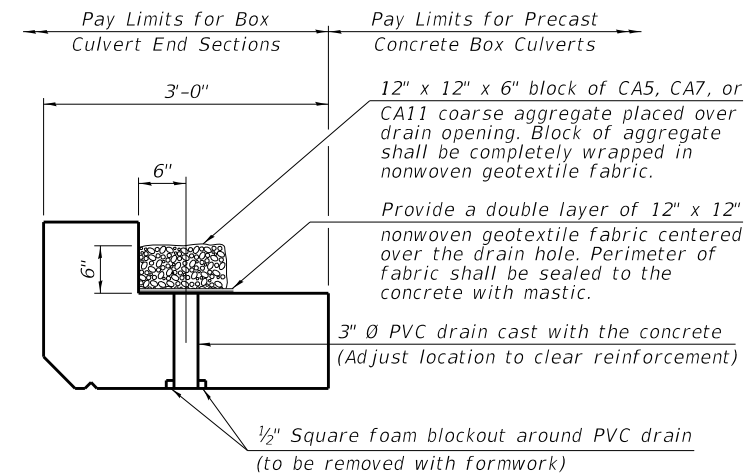
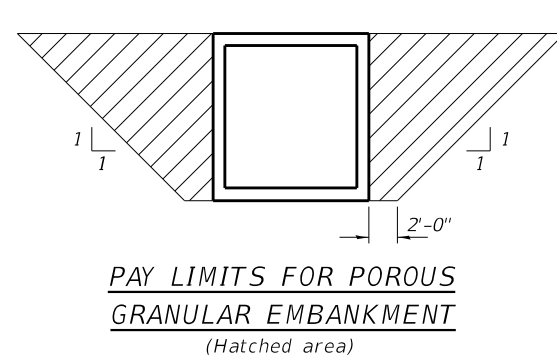
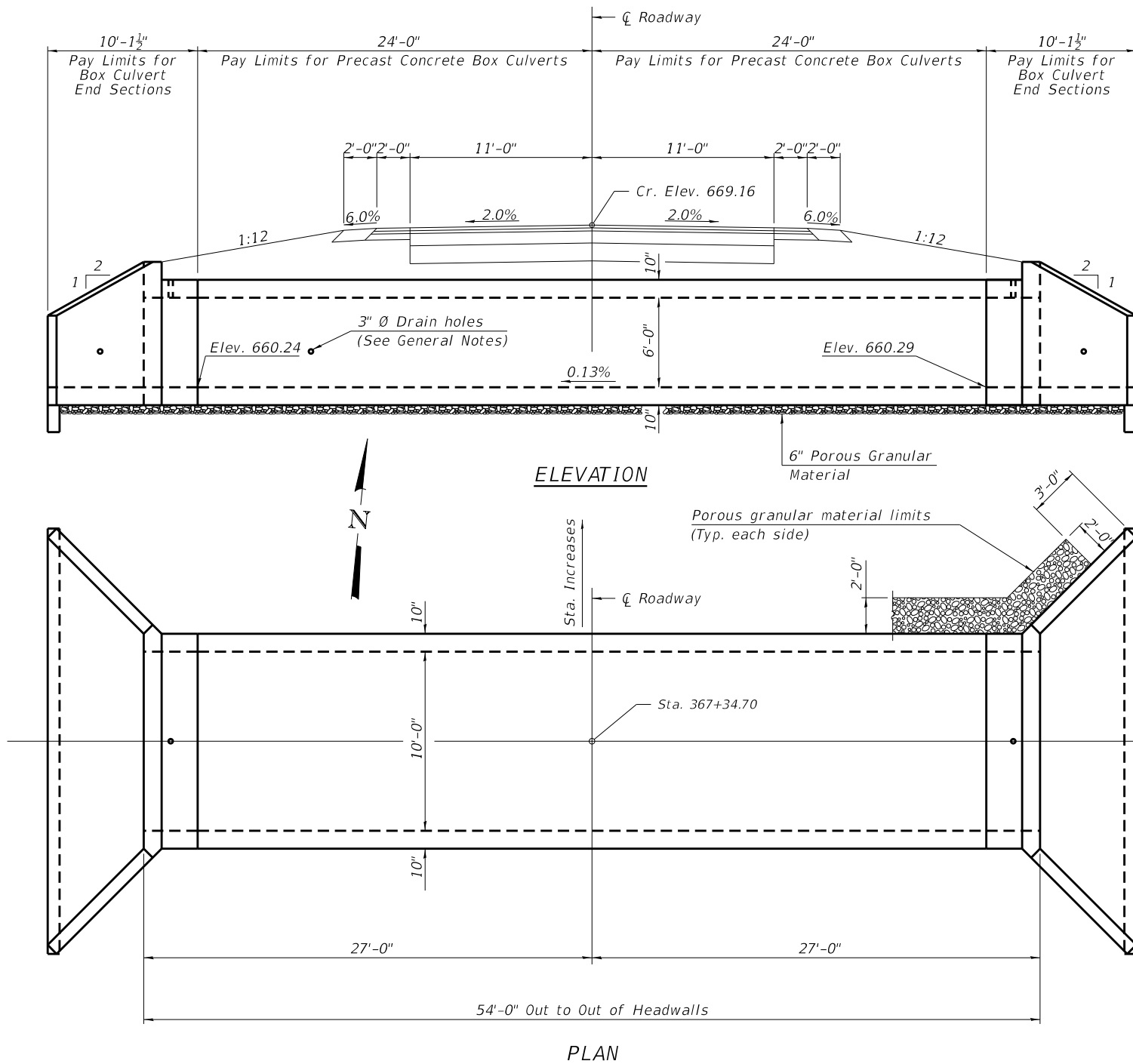
SCALE: N/A SHEET 1 OF 8 SHEETS STA. TO STA.

ILLINOIS FED. AID PROJECT

Existing Structure:
Single barrel 10'x6' cast in place concrete box culvert.
The structure is ~31'-0" feet in length and is not skewed.

GENERAL NOTES

The minimum design fill height for this box is 1.7 ft, and the maximum design fill height is 2.1 ft. The precast box culvert sections shall conform to the requirements of ASTM C 1577.
Drain holes shall be provided on exterior culvert walls for each precast box segment with a clear rise greater than 3 ft. The drain hole shall be located within 1/3 of the clear rise of the box culvert, shall not intercept the haunch, and shall conform to the requirements of Article 503.11 of the Standard Specifications.
Nonwoven geotextile fabric shall conform to the requirements of Art. 1080.01 of the Standard Specifications. The minimum weight of the fabric shall be 6 ounces per square yard.
Precast concrete box culverts and box culvert end sections shall be backfilled with Porous Granular Embankment in the required excavation areas on the sides of the box culvert from the top of the box culvert to the bottom of the box culvert. This area of PGE is included in the Porous Granular Embankment pay item. The 6-inch thick layer of porous granular material required under the precast concrete box culvert, according to Section 540.06 of the Standard Specifications, shall also apply to the end sections. Cost of this porous granular material will not be paid for separately but shall be included in the unit price of the work for which it is required.



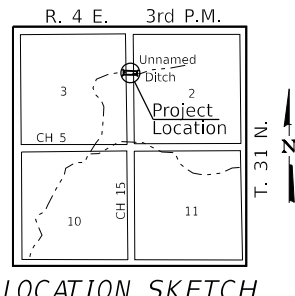
DESIGN SPECIFICATIONS
2020 AASHTO LRFD Bridge Design Specifications
Customary U.S. Units, 9th Edition

LOADING HL-93
Allow 50#/sq. ft. for future wearing surface.

DESIGN STRESSES
PRECAST UNITS
f'c = 5,000 psi
fy = 65,000 psi (Welded Wire Reinforcement)

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Porous Granular Embankment	CU YD	190
Stone Riprap, Class A4	SQ YD	30
Filter Fabric	SQ YD	30
Removal of Existing Structures No. 1	EACH	1
Box Culvert End Sections, Culvert No. 1	EACH	2
Precast Concrete Box Culverts, 10' x 6'	FOOT	48
Geocomposite Wall Drain	SQ YD	79
Membrane Waterproofing System for Buried Structures	SQ YD	79



GENERAL PLAN AND ELEVATION
FAS ROUTE 268 (CH 15) OVER UNNAMED DITCH
SEC. 15-00351-00-WR
LASALLE COUNTY
STATION 367+34.70

SCB-GPE 7-23-2021

Hutchison Engineering, Inc.
Jacksonville - Moline - Peoria - Shorewood
Since 1945

USER NAME	DESIGNED	REVISIONS
= BDeCrane	-	-
PLOT SCALE = 0.16666633' / in.	DRAWN -	REVISIED -
PLOT DATE = 6/14/2023	CHECKED -	REVISIED -
	DATE -	REVISIED -

LASALLE COUNTY
HIGHWAY DEPARTMENT

CH 15 (E 22nd RD)
TYPICAL PRECAST SECTIONS
SCALE: N/A SHEET 2 OF 8 SHEETS STA. TO STA.

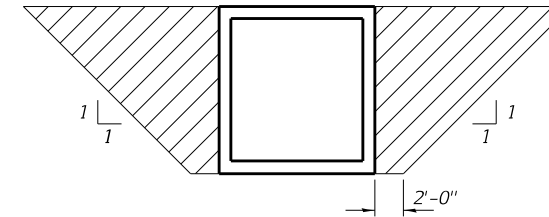
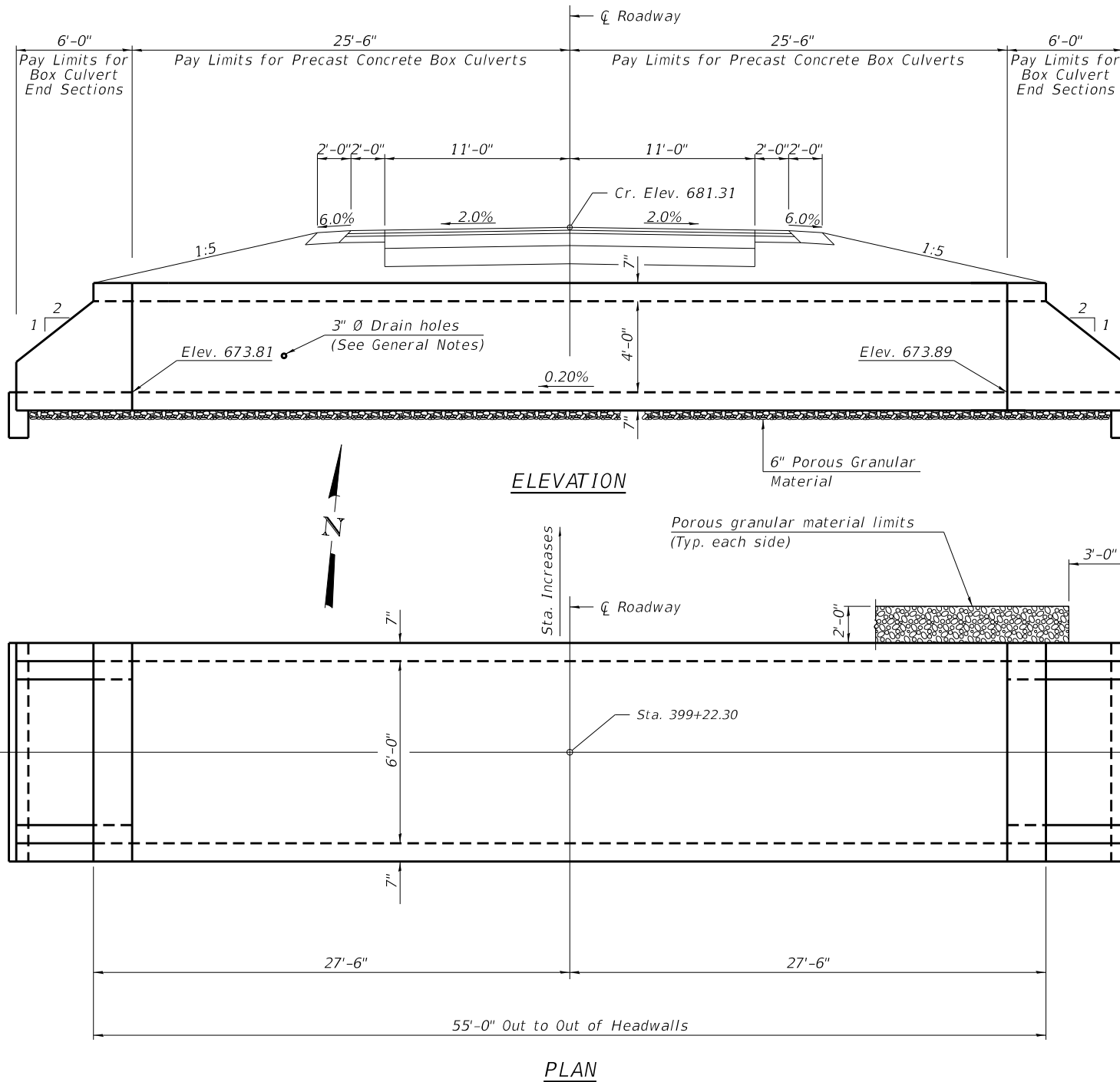
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
268	15-00351-00-WR	LASALLE	236	108
CONTRACT NO. 87801				
ILLINOIS FED. AID PROJECT				

MODEL: Sheet 6
FILE NAME: VAS003 - CH15 Design LaSalle_ColCADD\CADD_Sheets\001-chn-detail-1.dgn

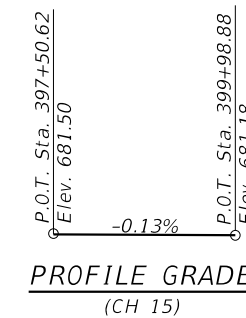
Existing Structure:
 Single barrel 6'x4' cast in place concrete box culvert.
 The structure is ~32'-0" feet in length and is not skewed.

GENERAL NOTES

The minimum design fill height for this box is 2.5 ft, and the maximum design fill height is 2.9 ft. The precast box culvert sections shall conform to the requirements of ASTM C 1577.
 Drain holes shall be provided on exterior culvert walls for each precast box segment with a clear rise greater than 3 ft. The drain hole shall be located within 1/3 of the clear rise of the box culvert, shall not intercept the haunch, and shall conform to the requirements of Article 503.11 of the Standard Specifications.
 Nonwoven geotextile fabric shall conform to the requirements of Art. 1080.01 of the Standard Specifications. The minimum weight of the fabric shall be 6 ounces per square yard.
 Precast concrete box culverts and box culvert end sections shall be backfilled with Porous Granular Embankment in the required excavation areas on the sides of the box culvert from the top of the box culvert to the bottom of the box culvert. This area of PGE is included in the Porous Granular Embankment pay item. The 6-inch thick layer of porous granular material required under the precast concrete box culvert, according to Section 540.06 of the Standard Specifications, shall also apply to the end sections. Cost of this porous granular material will not be paid for separately but shall be included in the unit price of the work for which it is required.



PAY LIMITS FOR POROUS GRANULAR EMBANKMENT
 (Hatched area)



DESIGN SPECIFICATIONS

2020 AASHTO LRFD Bridge Design Specifications
 Customary U.S. Units, 9th Edition

LOADING HL-93

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

DESIGN STRESSES

PRECAST UNITS

$f'_c = 5,000$ psi
 $f_y = 65,000$ psi (Welded Wire Reinforcement)

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Porous Granular Embankment	CU YD	160
Stone Riprap, Class A4	SQ YD	5
Filter Fabric	SQ YD	5
Removal of Existing Structures No. 2	EACH	1
Box Culvert End Sections, Culvert No. 2	EACH	2
Precast Concrete Box Culverts, 6' x 4'	FOOT	51
Geocomposite Wall Drain	SQ YD	56
Membrane Waterproofing System for Buried Structures	SQ YD	56

GENERAL PLAN AND ELEVATION
FAS ROUTE 268 (CH 15) OVER UNNAMED DITCH
SEC. 15-00351-00-WR
LASALLE COUNTY
STATION 399+22.30

SCB-GPE 7-23-2021

MODEL: Sheet 6
 FILE NAME: V05003 - CH15 Design LaSalle_ColCADD\CADD_Sheets\001-chn-detailed.dgn

Hutchison Engineering, Inc. Jacksonville - Moline - Peoria - Shorewood Since 1945	USER NAME = BDeCraene	DESIGNED -	REVISED -
	PLOT SCALE = 0.16666633' / in.	DRAWN -	REVISED -
	PLOT DATE = 6/14/2023	CHECKED -	REVISED -
		DATE -	REVISED -

LASALLE COUNTY
HIGHWAY DEPARTMENT

CH 15 (E 22nd RD)
TYPICAL PRECAST SECTIONS

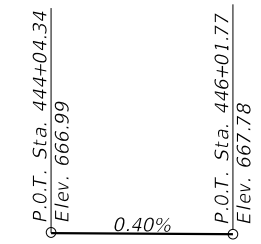
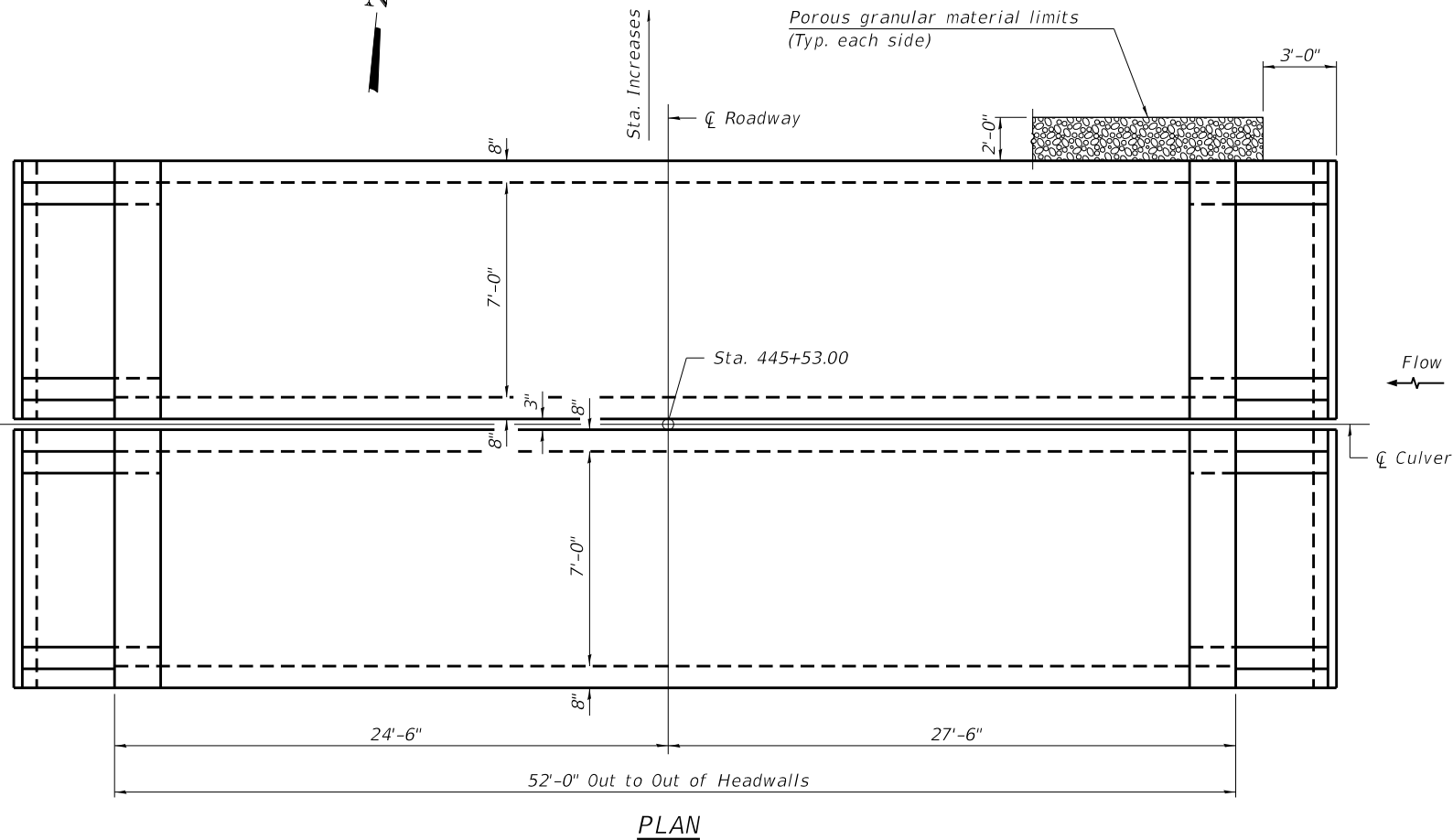
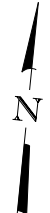
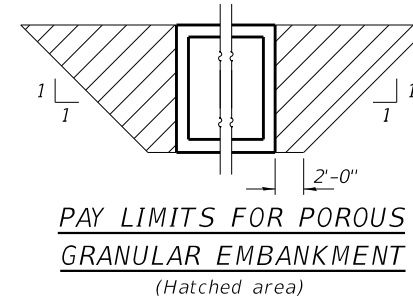
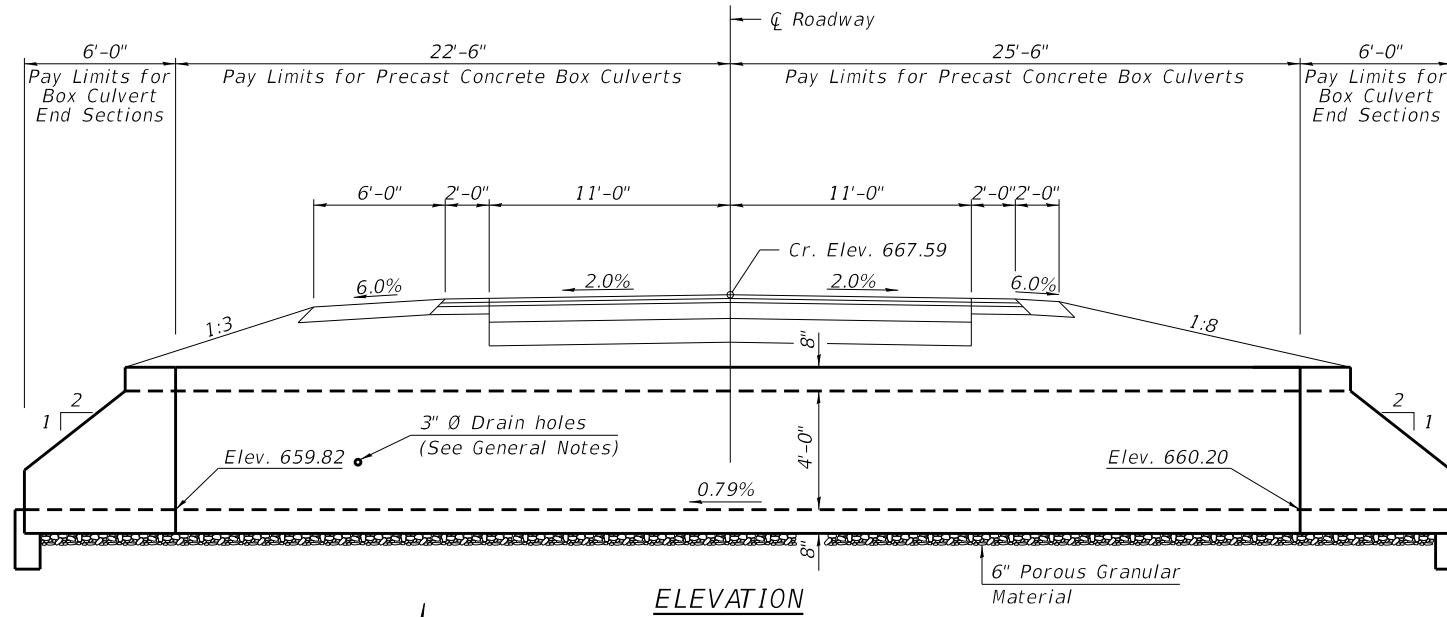
SCALE: N/A SHEET 3 OF 8 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
268	15-00351-00-WR	LASALLE	236	109
CONTRACT NO. 87801				
ILLINOIS FED. AID PROJECT				

Existing Structure:
 Double barrel 7'x4' cast in place concrete box culvert.
 The structure is ~34'-0" feet in length and is not skewed.

GENERAL NOTES

The minimum design fill height for this box is 1.8 ft, and the maximum design fill height is 2.3 ft. The precast box culvert sections shall conform to the requirements of ASTM C 1577.
 Drain holes shall be provided on exterior culvert walls for each precast box segment with a clear rise greater than 3 ft. The drain hole shall be located within 1/3 of the clear rise of the box culvert, shall not intercept the haunch, and shall conform to the requirements of Article 503.11 of the Standard Specifications.
 Nonwoven geotextile fabric shall conform to the requirements of Art. 1080.01 of the Standard Specifications. The minimum weight of the fabric shall be 6 ounces per square yard.
 Precast concrete box culverts and box culvert end sections shall be backfilled with Porous Granular Embankment in the required excavation areas on the sides of the box culvert from the top of the box culvert to the bottom of the box culvert. This area of PGE is included in the Porous Granular Embankment pay item. The 6-inch thick layer of porous granular material required under the precast concrete box culvert, according to Section 540.06 of the Standard Specifications, shall also apply to the end sections. Cost of this porous granular material will not be paid for separately but shall be included in the unit price of the work for which it is required.



PROFILE GRADE
 (CH 15)
DESIGN SPECIFICATIONS
 2020 AASHTO LRFD Bridge Design Specifications
 Customary U.S. Units, 9th Edition

LOADING HL-93
 Allow 50#/sq. ft. for future wearing surface.

DESIGN STRESSES
PRECAST UNITS
 $f'_c = 5,000 \text{ psi}$
 $f_y = 65,000 \text{ psi}$ (Welded Wire Reinforcement)
FIELD UNITS
 $f'_c = 3,500 \text{ psi}$
 $f_y = 65,000 \text{ psi}$ (Welded Wire Reinforcement)

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Porous Granular Embankment	CU YD	150
Stone Riprap, Class A4	SQ YD	16
Filter Fabric	SQ YD	16
Removal of Existing Structures No. 3	EACH	1
Box Culvert End Sections, Culvert No. 3	EACH	4
Precast Concrete Box Culverts, 7' x 4'	FOOT	96
Geocomposite Wall Drain	SQ YD	96
Membrane Waterproofing System for Buried Structures	SQ YD	96

GENERAL PLAN AND ELEVATION
FAS ROUTE 268 (CH 15) OVER UNNAMED DITCH
SEC. 15-00351-00-WR
LASALLE COUNTY
STATION 445+53.00

MODEL: Sheet 10
 FILE NAME: VAS001 - CH15 Design Lasalle_ColCADD\CADD_Sheets\001-chn-detailed.dgn

DCB-GPE 7-23-2021

Hutchison Engineering, Inc. Jacksonville - Moline - Peoria - Shorewood Since 1945	USER NAME = BDeCrane	DESIGNED -	REVISED -
	PLOT SCALE = 0.16666633' / in.	DRAWN -	REVISED -
	PLOT DATE = 6/14/2023	CHECKED -	REVISED -
		DATE -	REVISED -

LASALLE COUNTY
HIGHWAY DEPARTMENT

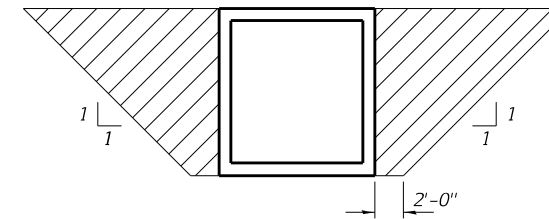
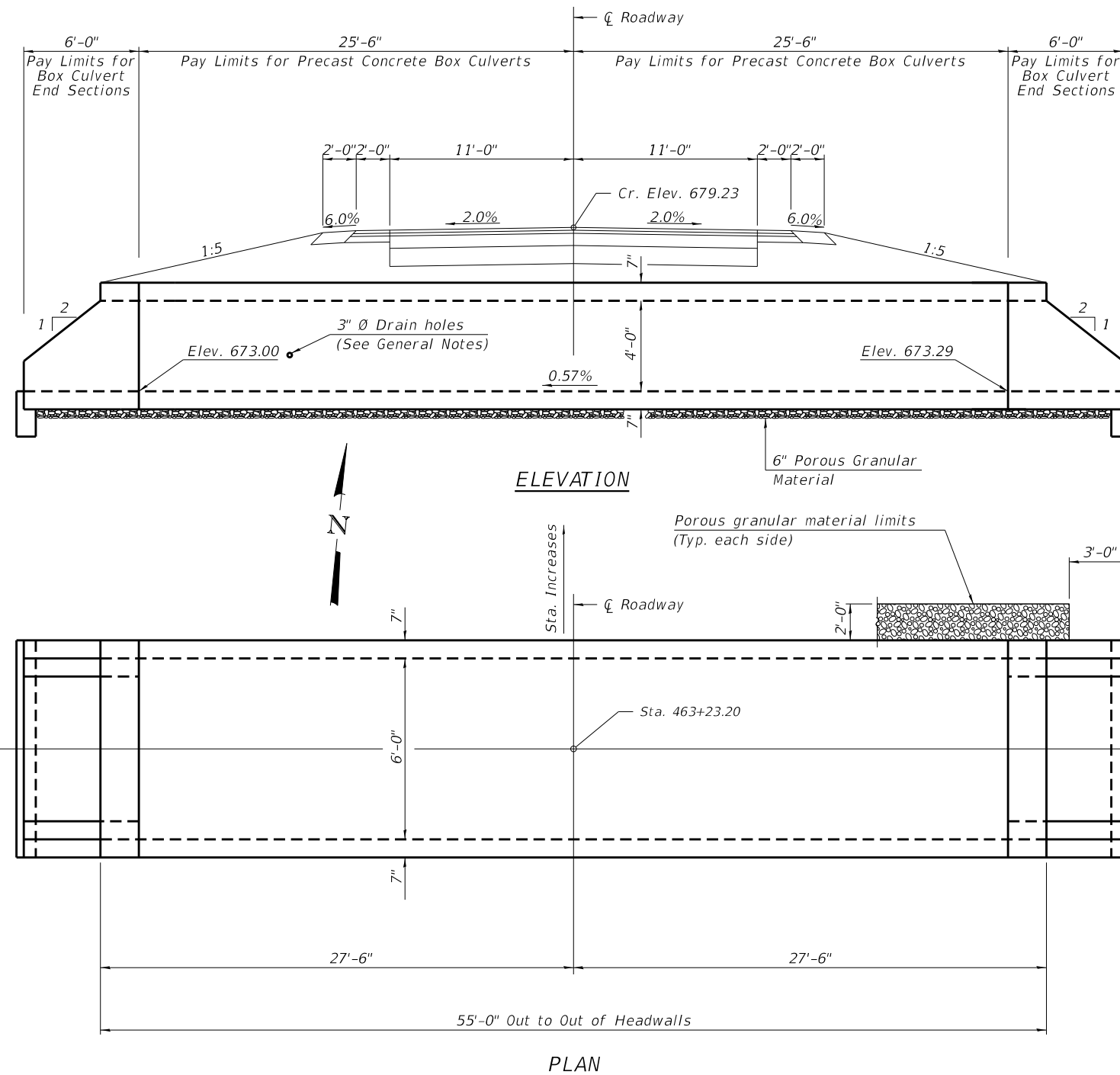
CH 15 (E 22nd RD)
TYPICAL PRECAST SECTIONS
 SCALE: N/A SHEET 4 OF 8 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
268	15-00351-00-WR	LASALLE	236	110
CONTRACT NO. 87801				
ILLINOIS FED. AID PROJECT				

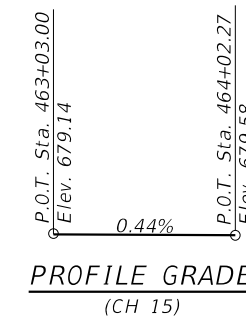
Existing Structure:
Single barrel 6'x4' cast in place concrete box culvert.
The structure is ~32'-0" feet in length and is not skewed.

GENERAL NOTES

The minimum design fill height for this box is 1.0 ft, and the maximum design fill height is 1.5 ft. The precast box culvert sections shall conform to the requirements of ASTM C 1577.
Drain holes shall be provided on exterior culvert walls for each precast box segment with a clear rise greater than 3 ft. The drain hole shall be located within 1/3 of the clear rise of the box culvert, shall not intercept the haunch, and shall conform to the requirements of Article 503.11 of the Standard Specifications.
Nonwoven geotextile fabric shall conform to the requirements of Art. 1080.01 of the Standard Specifications. The minimum weight of the fabric shall be 6 ounces per square yard.
Precast concrete box culverts and box culvert end sections shall be backfilled with Porous Granular Embankment in the required excavation areas on the sides of the box culvert from the top of the box culvert to the bottom of the box culvert. This area of PGE is included in the Porous Granular Embankment pay item. The 6-inch thick layer of porous granular material required under the precast concrete box culvert, according to Section 540.06 of the Standard Specifications, shall also apply to the end sections. Cost of this porous granular material will not be paid for separately but shall be included in the unit price of the work for which it is required.



PAY LIMITS FOR POROUS GRANULAR EMBANKMENT
(Hatched area)



DESIGN SPECIFICATIONS

2020 AASHTO LRFD Bridge Design Specifications
Customary U.S. Units, 9th Edition

LOADING HL-93

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

DESIGN STRESSES

PRECAST UNITS

$f'_c = 5,000$ psi
 $f_y = 65,000$ psi (Welded Wire Reinforcement)

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Porous Granular Embankment	CU YD	105
Stone Riprap, Class A4	SQ YD	5
Filter Fabric	SQ YD	5
Removal of Existing Structures No. 4	EACH	1
Box Culvert End Sections, Culvert No. 4	EACH	2
Precast Concrete Box Culverts, 6' x 4'	FOOT	51
Geocomposite Wall Drain	SQ YD	56
Membrane Waterproofing System for Buried Structures	SQ YD	56

GENERAL PLAN AND ELEVATION
FAS ROUTE 268 (CH 15) OVER UNNAMED DITCH
SEC. 15-00351-00-WR
LASALLE COUNTY
STATION 463+23.20

MODEL: Sheet 11
FILE NAME: VAS003 - CH15 Design LaSalle_ColCADD\CADD_Sheets\001-chn-detail-1.dgn

SCB-GPE 7-23-2021

Hutchison Engineering, Inc. Jacksonville - Moline - Peoria - Shorewood Since 1945	USER NAME = BDeCraene	DESIGNED -	REVISED -
	PLOT SCALE = 0.16666633' / in.	DRAWN -	REVISED -
	PLOT DATE = 6/14/2023	CHECKED -	REVISED -
		DATE -	REVISED -

LASALLE COUNTY
HIGHWAY DEPARTMENT

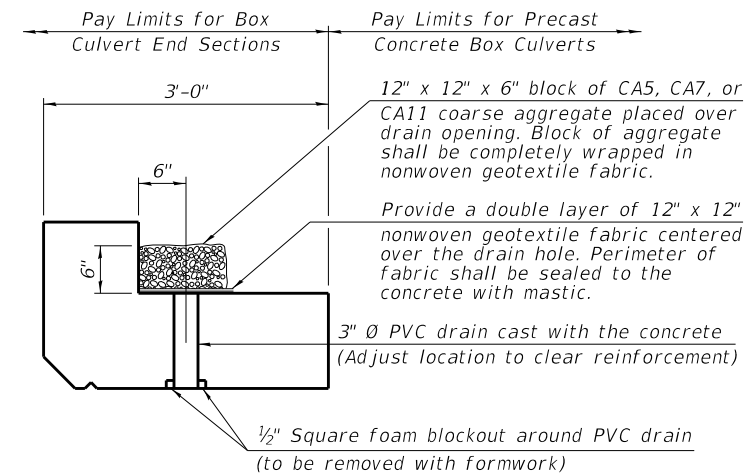
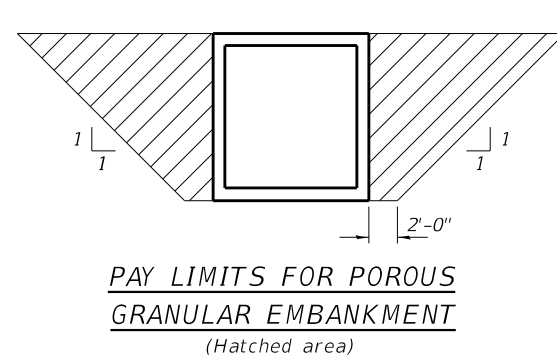
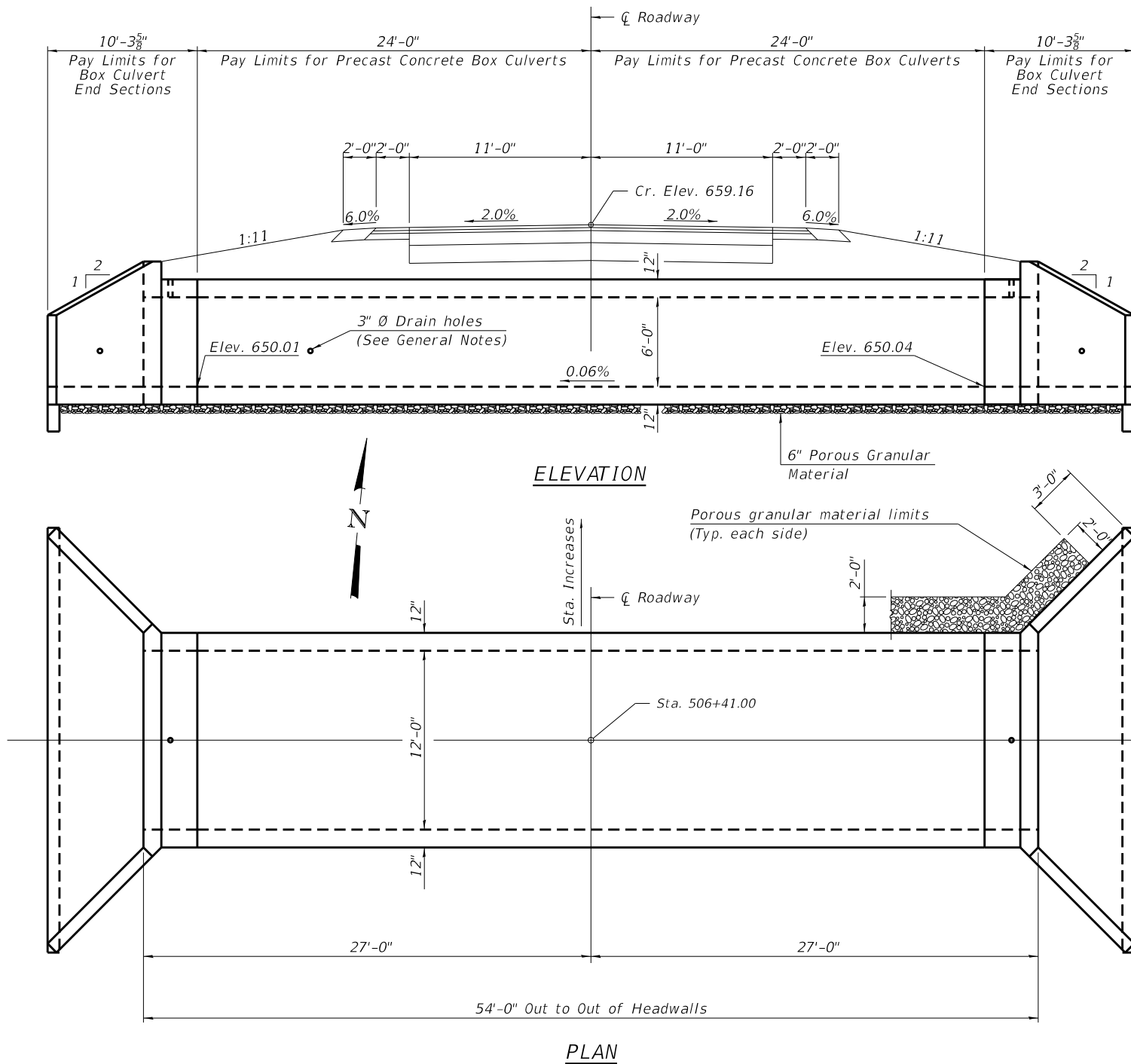
CH 15 (E 22nd RD)		F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TYPICAL PRECAST SECTIONS		268	15-00351-00-WR	LASALLE	236	111
SCALE: N/A	SHEET 5	OF 8	SHEETS	STA.	TO STA.	CONTRACT NO. 87801

ILLINOIS	FED. AID PROJECT
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Existing Structure:
 Single barrel 12'x6' cast in place concrete box culvert.
 The structure is ~32'-0" feet in length and is not skewed.

GENERAL NOTES

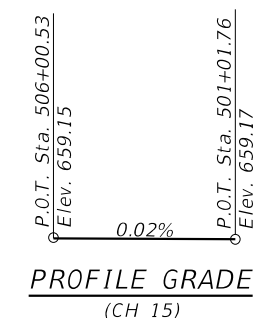
The minimum design fill height for this box is 1.7 ft, and the maximum design fill height is 2.1 ft. The precast box culvert sections shall conform to the requirements of ASTM C 1577.
 Drain holes shall be provided on exterior culvert walls for each precast box segment with a clear rise greater than 3 ft. The drain hole shall be located within 1/3 of the clear rise of the box culvert, shall not intercept the haunch, and shall conform to the requirements of Article 503.11 of the Standard Specifications.
 Nonwoven geotextile fabric shall conform to the requirements of Art. 1080.01 of the Standard Specifications. The minimum weight of the fabric shall be 6 ounces per square yard.
 Precast concrete box culverts and box culvert end sections shall be backfilled with Porous Granular Embankment in the required excavation areas on the sides of the box culvert from the top of the box culvert to the bottom of the box culvert. This area of PGE is included in the Porous Granular Embankment pay item. The 6-inch thick layer of porous granular material required under the precast concrete box culvert, according to Section 540.06 of the Standard Specifications, shall also apply to the end sections. Cost of this porous granular material will not be paid for separately but shall be included in the unit price of the work for which it is required.



PAY LIMITS FOR POROUS GRANULAR EMBANKMENT
 (Hatched area)

DRAIN DETAIL

(All costs associated with furnishing and constructing the above drain detail will not be measured for payment but shall be included in the contract unit price for the associated work.)



DESIGN SPECIFICATIONS
 2020 AASHTO LRFD Bridge Design Specifications
 Customary U.S. Units, 9th Edition

LOADING HL-93
 Allow 50#/sq. ft. for future wearing surface.

DESIGN STRESSES
PRECAST UNITS
 $f'_c = 5,000$ psi
 $f_y = 65,000$ psi (Welded Wire Reinforcement)

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Porous Granular Embankment	CU YD	145
Stone Riprap, Class A4	SQ YD	35
Filter Fabric	SQ YD	35
Removal of Existing Structures No. 5	EACH	1
Box Culvert End Sections, Culvert No. 5	EACH	2
Precast Concrete Box Culverts, 12' x 6'	FOOT	48
Geocomposite Wall Drain	SQ YD	96
Membrane Waterproofing System for Buried Structures	SQ YD	96

GENERAL PLAN AND ELEVATION
FAS ROUTE 268 (CH 15) OVER UNNAMED DITCH
SEC. 15-00351-00-WR
LASALLE COUNTY
STATION 506+41.00

MODEL: Sheet 12
 FILE NAME: VAS003 - CH15 Design LaSalle_ColCADD\CADD_Sheets\001-sch-detail.dgn

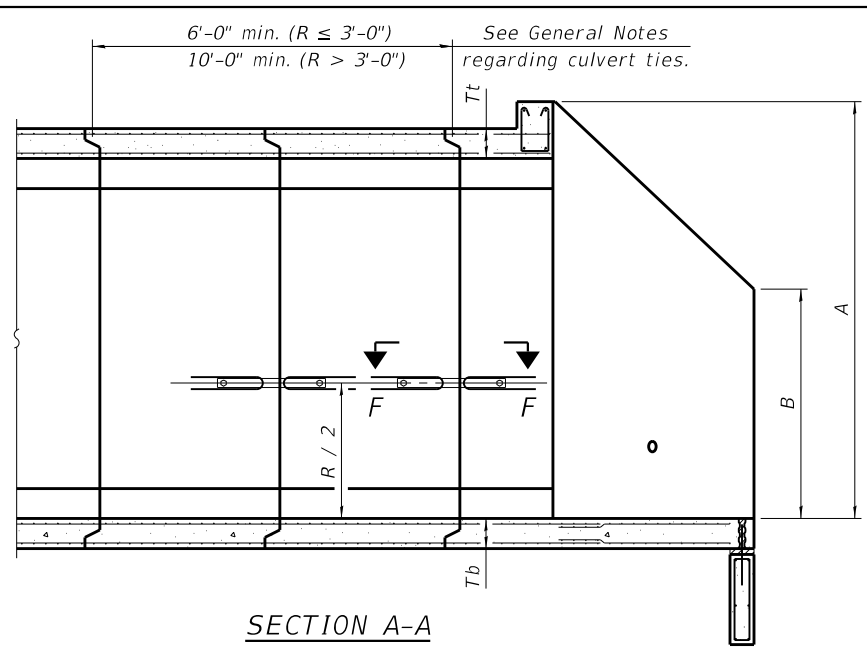
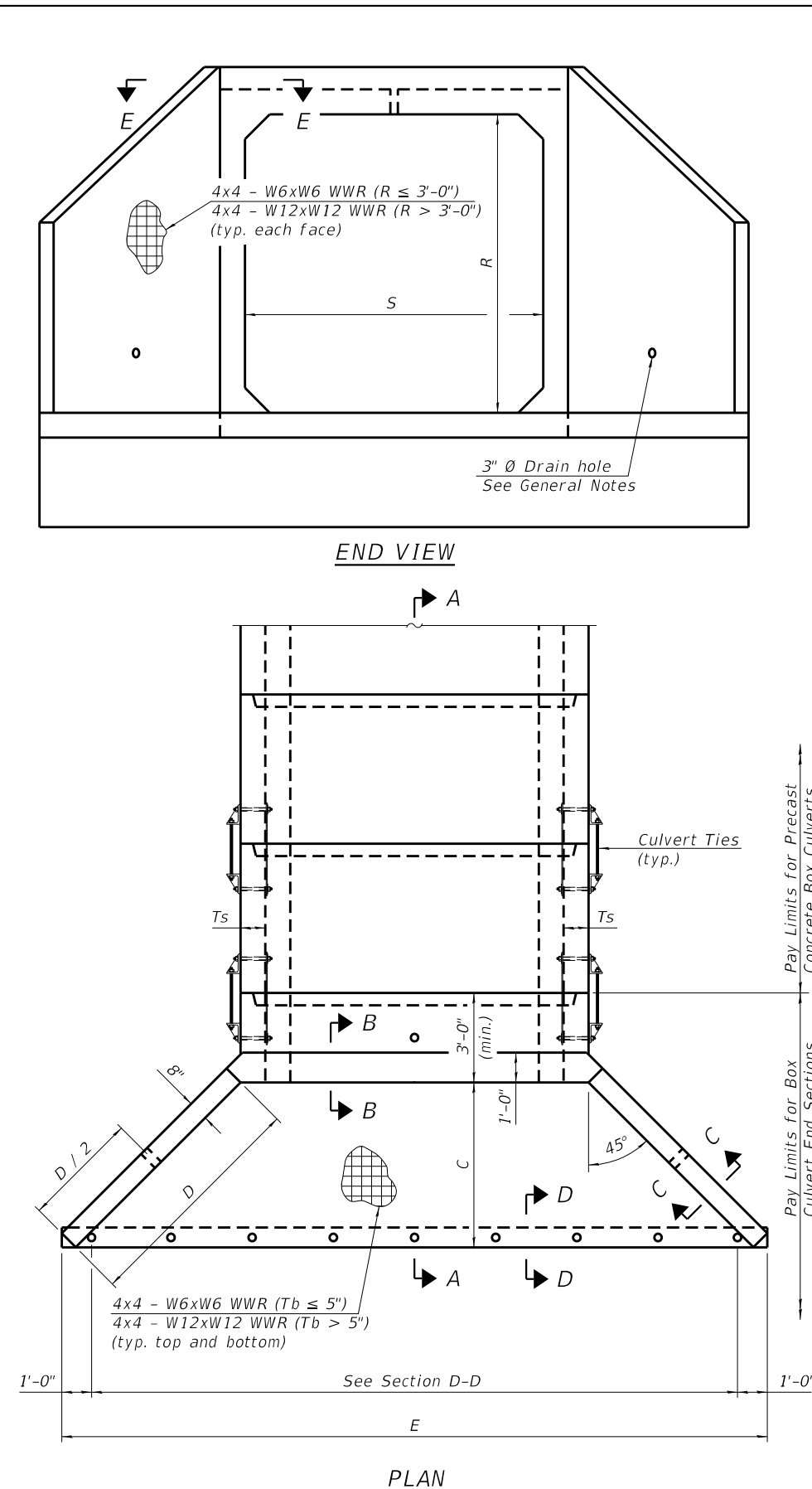
SCB-GPE 7-23-2021

Hutchison Engineering, Inc. Jacksonville - Moline - Pearl - Shorewood Since 1945	USER NAME = BDeCraene	DESIGNED -	REVISED -	LASALLE COUNTY HIGHWAY DEPARTMENT	CH 15 (E 22nd RD) TYPICAL PRECAST SECTIONS	F.A.S. RTE. = 268	SECTION = 15-00351-00-WR	COUNTY = LASALLE	TOTAL SHEETS = 236	SHEET NO. = 112
	PLOT SCALE = 0.16666633' / in.	CHECKED -	REVISED -			SCALE: N/A	SHEET 6 OF 8 SHEETS	STA. TO STA.	CONTRACT NO. 87801	
	PLOT DATE = 6/14/2023	DATE -	REVISED -							

APRON END SECTION DIMENSIONS

Span (S)	Rise (R)	Tt	Tb	Ts	A	B	C	D	E	Concrete Cu. Yd.	Culvert Ties Required
3'-0"	2'-0"	7"	6"	4"	3'-4"	2'-2"	2'-10 ⁵ / ₈ "	4'-1"	10'-4 ⁵ / ₈ "	2.8	Yes
3'-0"	2'-0"	4"	4"	4"	3'-1"	2'-1"	2'-7 ¹ / ₈ "	3'-9"	9'-11"	2.3	Yes
3'-0"	3'-0"	7"	6"	4"	4'-4"	2'-8"	3'-10 ³ / ₈ "	5'-6"	12'-4 ³ / ₈ "	3.7	Yes
3'-0"	3'-0"	4"	4"	4"	4'-1"	2'-7"	3'-7 ¹ / ₈ "	5'-2"	11'-11"	3.1	Yes
4'-0"	2'-0"	7.5"	6"	5"	3'-4 ¹ / ₂ "	2'-2 ¹ / ₂ "	2'-11 ³ / ₈ "	4'-2"	11'-8"	3.3	Yes
4'-0"	2'-0"	5"	5"	5"	3'-2"	2'-1"	2'-8 ¹ / ₂ "	3'-10"	11'-2 ³ / ₈ "	2.8	Yes
4'-0"	3'-0"	7.5"	6"	5"	4'-4 ¹ / ₂ "	2'-8 ¹ / ₂ "	3'-11 ³ / ₈ "	5'-7"	13'-8 ¹ / ₈ "	4.2	Yes
4'-0"	3'-0"	5"	5"	5"	4'-2"	2'-7"	3'-8 ¹ / ₂ "	5'-3"	13'-2 ³ / ₈ "	3.7	Yes
4'-0"	4'-0"	7.5"	6"	5"	5'-4 ¹ / ₂ "	3'-2 ¹ / ₂ "	4'-11 ³ / ₈ "	7'-0"	15'-8 ¹ / ₈ "	5.3	Yes
4'-0"	4'-0"	5"	5"	5"	5'-2"	3'-1"	4'-8 ³ / ₈ "	6'-8"	15'-2 ¹ / ₂ "	4.7	Yes
5'-0"	2'-0"	8"	7"	6"	3'-5"	2'-3"	2'-11 ³ / ₈ "	4'-2"	12'-10"	3.9	Yes
5'-0"	2'-0"	6"	6"	6"	3'-3"	2'-2"	2'-10"	4'-0"	12'-7 ¹ / ₄ "	3.5	Yes
5'-0"	3'-0"	8"	7"	6"	4'-5"	2'-9"	3'-11 ³ / ₈ "	5'-7"	14'-10 ¹ / ₈ "	4.9	Yes
5'-0"	3'-0"	6"	6"	6"	4'-3"	2'-8"	3'-10"	5'-5"	14'-7 ¹ / ₄ "	4.5	Yes
5'-0"	4'-0"	8"	7"	6"	5'-5"	3'-3"	4'-11 ³ / ₈ "	7'-0"	16'-10 ¹ / ₈ "	6.1	Yes
5'-0"	4'-0"	6"	6"	6"	5'-3"	3'-2"	4'-9 ¹ / ₄ "	6'-9"	16'-5 ¹ / ₈ "	5.5	Yes
5'-0"	5'-0"	8"	7"	6"	6'-5"	3'-9"	5'-11 ³ / ₈ "	8'-5"	18'-10 ¹ / ₈ "	7.4	Yes
5'-0"	5'-0"	6"	6"	6"	6'-3"	3'-8"	5'-9 ¹ / ₄ "	8'-2"	18'-5 ¹ / ₈ "	6.8	Yes
6'-0"	2'-0"	8"	7"	7"	3'-5"	2'-3"	2'-11 ³ / ₈ "	4'-2"	14'-0"	4.3	Yes
6'-0"	2'-0"	7"	7"	7"	3'-4"	2'-2"	2'-10 ³ / ₈ "	4'-1"	13'-10 ³ / ₈ "	4.2	Yes
6'-0"	3'-0"	8"	7"	7"	4'-5"	2'-9"	3'-11 ³ / ₈ "	5'-7"	16'-0 ¹ / ₈ "	5.4	Yes
6'-0"	3'-0"	7"	7"	7"	4'-4"	2'-8"	3'-10 ³ / ₈ "	5'-6"	15'-10 ³ / ₈ "	5.2	Yes
6'-0"	4'-0"	8"	7"	7"	5'-5"	3'-3"	4'-11 ³ / ₈ "	7'-0"	18'-0 ¹ / ₈ "	6.5	Yes
6'-0"	4'-0"	7"	7"	7"	5'-4"	3'-2"	4'-10 ³ / ₄ "	6'-11"	17'-10 ³ / ₄ "	6.5	Yes
6'-0"	5'-0"	8"	7"	7"	6'-5"	3'-9"	5'-11 ³ / ₈ "	8'-5"	20'-0 ¹ / ₈ "	8.0	Yes
6'-0"	5'-0"	7"	7"	7"	6'-4"	3'-8"	5'-10 ³ / ₄ "	8'-4"	19'-10 ³ / ₄ "	7.8	Yes
6'-0"	6'-0"	8"	7"	7"	7'-5"	4'-3"	6'-11 ¹ / ₂ "	9'-10"	22'-0 ¹ / ₄ "	9.5	Yes
6'-0"	6'-0"	7"	7"	7"	7'-4"	4'-2"	6'-10 ³ / ₄ "	9'-9"	21'-10 ³ / ₄ "	9.3	Yes
7'-0"	2'-0"	8"	8"	8"	3'-5"	2'-3"	2'-11 ³ / ₈ "	4'-2"	15'-2"	4.9	Yes
7'-0"	3'-0"	8"	8"	8"	4'-5"	2'-9"	3'-11 ³ / ₈ "	5'-7"	17'-2 ¹ / ₈ "	6.1	Yes
7'-0"	4'-0"	8"	8"	8"	5'-5"	3'-3"	4'-11 ³ / ₈ "	7'-0"	19'-2 ¹ / ₈ "	7.4	Yes
7'-0"	5'-0"	8"	8"	8"	6'-5"	3'-9"	5'-11 ³ / ₈ "	8'-5"	21'-2 ¹ / ₈ "	8.9	Yes
7'-0"	6'-0"	8"	8"	8"	7'-5"	4'-3"	6'-11 ¹ / ₂ "	9'-10"	23'-2 ¹ / ₄ "	10.6	Yes
8'-0"	2'-0"	8"	8"	8"	3'-5"	2'-3"	2'-11 ³ / ₈ "	4'-2"	16'-2"	5.3	Yes
8'-0"	3'-0"	8"	8"	8"	4'-5"	2'-9"	3'-11 ³ / ₈ "	5'-7"	18'-2 ¹ / ₈ "	6.5	Yes
8'-0"	4'-0"	8"	8"	8"	5'-5"	3'-3"	4'-11 ³ / ₈ "	7'-0"	20'-2 ¹ / ₈ "	7.8	Yes
8'-0"	5'-0"	8"	8"	8"	6'-5"	3'-9"	5'-11 ³ / ₈ "	8'-5"	22'-2 ¹ / ₈ "	9.3	Yes
8'-0"	6'-0"	8"	8"	8"	7'-5"	4'-3"	6'-11 ¹ / ₂ "	9'-10"	24'-2 ¹ / ₄ "	11.0	Yes
9'-0"	2'-0"	9"	9"	9"	3'-6"	2'-3"	3'-0 ³ / ₄ "	4'-4"	17'-6 ¹ / ₈ "	6.2	Yes
9'-0"	3'-0"	9"	9"	9"	4'-6"	2'-9"	4'-0 ³ / ₄ "	5'-9"	19'-6 ¹ / ₈ "	7.5	Yes
9'-0"	4'-0"	9"	9"	9"	5'-6"	3'-3"	5'-0 ³ / ₄ "	7'-2"	21'-6 ¹ / ₈ "	9.0	Yes
9'-0"	5'-0"	9"	9"	9"	6'-6"	3'-9"	6'-0 ⁷ / ₈ "	8'-7"	23'-7"	10.6	Yes
9'-0"	6'-0"	9"	9"	9"	7'-6"	4'-3"	7'-0 ¹ / ₈ "	9'-11"	25'-5 ⁵ / ₈ "	12.4	Yes
10'-0"	2'-0"	10"	10"	10"	3'-7"	2'-4"	3'-1 ¹ / ₂ "	4'-5"	18'-10 ¹ / ₄ "	7.1	No
10'-0"	3'-0"	10"	10"	10"	4'-7"	2'-10"	4'-1 ¹ / ₂ "	5'-10"	20'-10 ¹ / ₄ "	8.6	No
10'-0"	4'-0"	10"	10"	10"	5'-7"	3'-4"	5'-1 ¹ / ₂ "	7'-3"	22'-10 ³ / ₈ "	10.2	Yes
10'-0"	5'-0"	10"	10"	10"	6'-7"	3'-10"	6'-1 ¹ / ₂ "	8'-8"	24'-10 ³ / ₈ "	12.0	Yes
10'-0"	6'-0"	10"	10"	10"	7'-7"	4'-4"	7'-1 ¹ / ₂ "	10'-1"	26'-10 ³ / ₈ "	13.9	Yes
11'-0"	2'-0"	11"	11"	11"	3'-8"	2'-4"	3'-2 ⁷ / ₈ "	4'-7"	20'-3 ¹ / ₈ "	8.2	No
11'-0"	3'-0"	11"	11"	11"	4'-8"	2'-10"	4'-2 ⁷ / ₈ "	6'-0"	22'-3 ¹ / ₈ "	9.8	No
11'-0"	4'-0"	11"	11"	11"	5'-8"	3'-4"	5'-2 ¹ / ₄ "	7'-4"	24'-1 ³ / ₄ "	11.5	Yes
11'-0"	5'-0"	11"	11"	11"	6'-8"	3'-10"	6'-2 ¹ / ₄ "	8'-9"	26'-1 ³ / ₄ "	13.3	Yes
11'-0"	6'-0"	11"	11"	11"	7'-8"	4'-4"	7'-2 ¹ / ₄ "	10'-2"	28'-1 ¹ / ₈ "	15.5	Yes
12'-0"	2'-0"	12"	12"	12"	3'-9"	2'-5"	3'-3 ³ / ₈ "	4'-8"	21'-6 ¹ / ₂ "	9.3	No
12'-0"	3'-0"	12"	12"	12"	4'-9"	2'-11"	4'-3 ³ / ₈ "	6'-1"	23'-6 ¹ / ₂ "	11.1	No
12'-0"	4'-0"	12"	12"	12"	5'-9"	3'-5"	5'-3 ³ / ₈ "	7'-6"	25'-6 ³ / ₈ "	13.0	Yes
12'-0"	5'-0"	12"	12"	12"	6'-9"	3'-11"	6'-3 ³ / ₈ "	8'-11"	27'-6 ³ / ₈ "	14.1	Yes
12'-0"	6'-0"	12"	12"	12"	7'-9"	4'-5"	7'-3 ³ / ₈ "	10'-4"	29'-6 ⁵ / ₈ "	17.4	Yes

Note:
Two sets of apron end section dimensions are shown above for some box culvert sizes due to the top and bottom slabs having different thicknesses per ASTM C 1577 for design II heights less than 2 ft.



SECTION A-A
GENERAL NOTES
Box Culvert End Sections shall be constructed according to the requirements of Section 540 of the Standard Specifications except as modified herein. End sections will be paid for at the contract unit price per each for Box Culvert End Sections.
The Contractor may furnish the end section as a single precast concrete piece or construct the end section in the field using cast-in-place (CIP) construction. For CIP construction, the bottom slab thickness shall be increased by 2" and the clear cover to the bottom mat of reinforcement shall be increased to 3".

Box section dimensions, materials, and reinforcement details for Box Culvert End Sections shall be according to the requirements for ASTM C 1577 as required for the design of the portion of the culvert within the limits of Precast Concrete Box Culverts except as modified herein.
The number of culvert ties shall be sufficient to engage the minimum length of culvert barrel shown within the pay limits for Precast Concrete Box Culverts and will be dependent upon the length of box culvert segments furnished by the Contractor. Culvert ties are not required for box culverts having a rise (R) less than or equal to 3 ft and a span (S) greater than or equal to 10 ft.

All costs associated with furnishing and installing or constructing the toewall and culvert ties will not be measured for payment but shall be included in the unit price for Box Culvert End Sections of the culvert number specified.

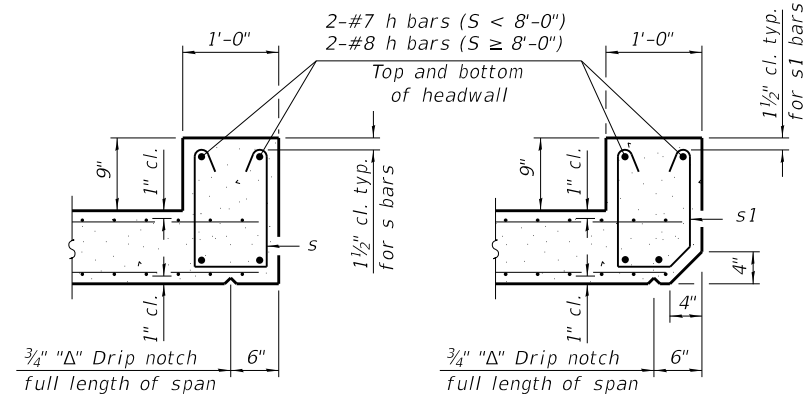
Shop drawings that detail slab thickness and reinforcement layout for the Box Culvert End Sections shall be provided to the Engineer for review and approval. Reinforcement bars not detailed herein shall be detailed with a clear distance at the end of the reinforcement not less than 1/2" nor more than 2". For the precast option, it shall be the Contractor's responsibility for determining a method of handling and a construction procedure shall be included on the shop drawings. The Contractor shall determine and detail in the shop drawings any necessary strengthening or stiffening provisions necessary to handle the precast segment. Any required modifications shall be at no extra charge.

The Contractor may use reinforcement bars in lieu of welded wire reinforcement (WWR). Reinforcement bars shall be limited to the sizes of #3 through #5 bars, a maximum spacing of the lesser of 8" or the member thickness, and shall result in an area of reinforcement equal to or greater than that provided by the WWR. Minimum lap lengths detailed herein are applicable to WWR and reinforcement bars.

Reinforcement (circumferential and longitudinal) in the culvert barrel portion of the end section being lapped with reinforcement from the wingwalls or bottom slab of the end section shall not be less than that required by ASTM C 1577 for the design fill height or the reinforcement detailed for the end section, whichever is greater.

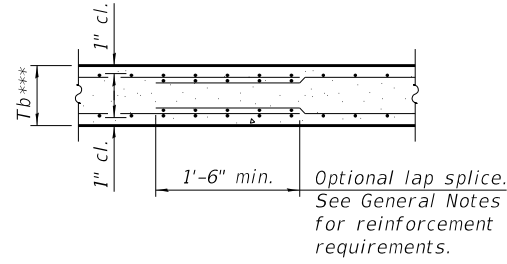
One drain hole shall be provided in each wingwall for end sections of box culverts having an opening with a clear rise greater than 3 ft. The drain hole shall be located within the lower 1/3 of the clear rise of the box culvert and shall conform to the requirements of Article 503.11 of the Standard Specifications.

MODEL: Sheet 13
FILE NAME: VAS001 - CH15 Design - LaSalle_Co CADDED_Sheets001_dtbl.dwg

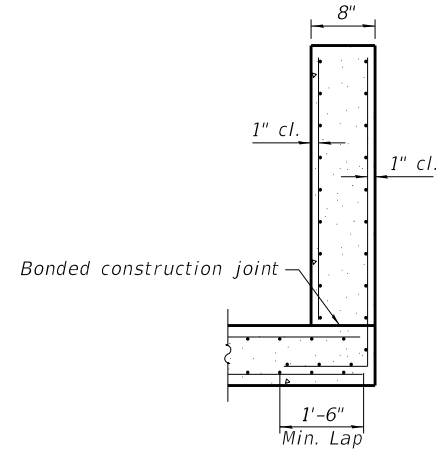


SECTION B-B
(Top slab at downstream end)

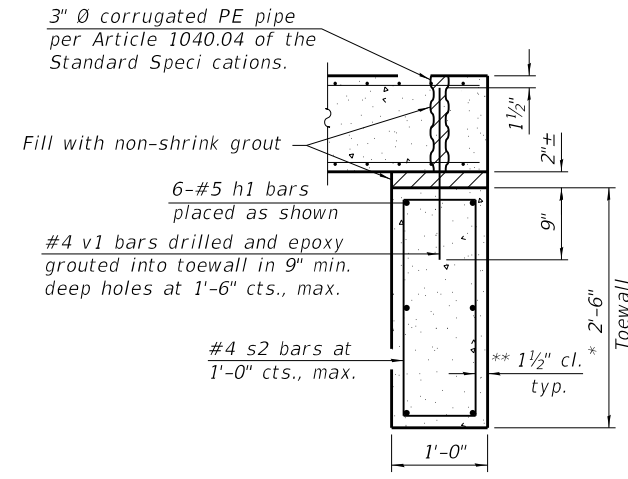
SECTION B-B
(Top slab at upstream end)



SECTION B-B
(Bottom Slab)

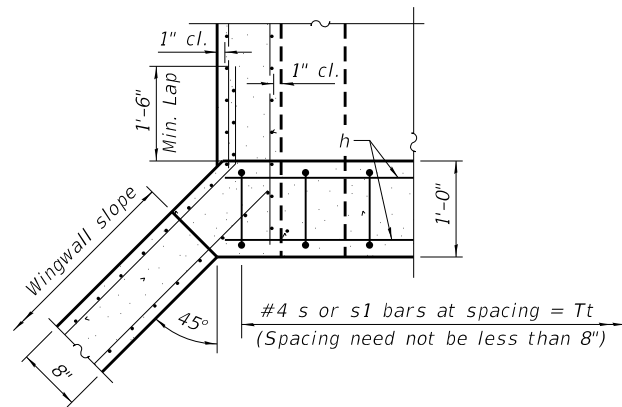


SECTION C-C

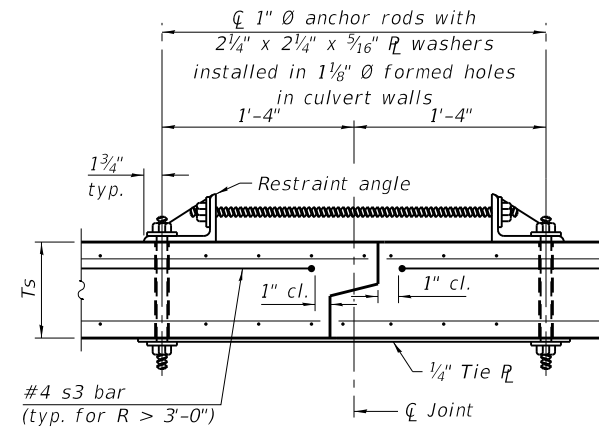


SECTION D-D

*** This dimension shall be increased by 2" for CIP construction.



SECTION E-E



SECTION F-F
(Showing culvert tie details)

TOEWALL CONSTRUCTION SEQUENCE

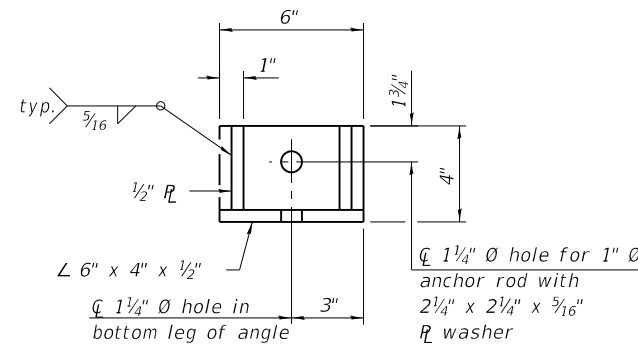
1. Perform excavation and construct toewall.
2. Back fill accordingly and place bedding for precast box culvert end sections.
3. Set precast box culvert end section.
4. Drill and epoxy grout reinforcement in toewall in accordance with Section 584 of the Standard Specifications.
5. Pressure grout voids using non-shrink grout conforming to Section 1024 of the Standard Specifications.

* The Contractor may furnish a precast or cast-in-place toewall. The Contractor shall be responsible for the strength and stability of the precast toewall during handling. Additional lifting points may be required depending upon the length of the toewall or the Contractor may need to modify the design of the toewall for the proposed handling method.

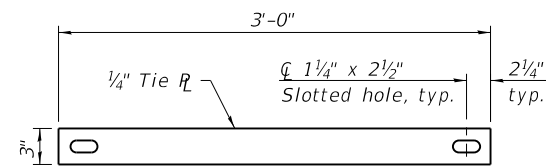
** If soil conditions permit, the sides of the toewall may be poured directly against the soil. The clear cover on the sides of the toewall shall be increased to 3" by increasing the thickness of the toewall.

Notes:

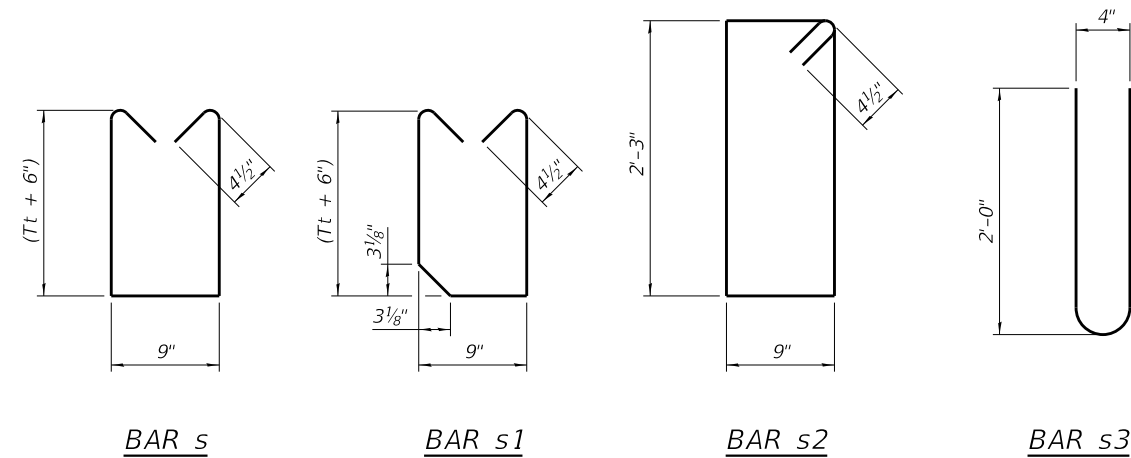
1" Ø anchor rods for the culvert ties shall conform to the requirements of ASTM F1554, Grade 105. Structural steel for the tie plate and restraint angle shall conform to the requirements of Article 1006.04 of the Standard Specifications. All components of the culvert tie detail shall be galvanized according to the requirements of AASHTO M 111 or M 232 as applicable. 2 1/4" x 2 1/4" x 5/16" plate washers shall be provided under each nut required for the anchor rods. Anchor rods connecting precast sections shall be brought to a snug tight condition followed by an additional 1/2 turn on one of the nuts for anchor rods installed in the walls. Match marks shall be provided on the bolt and nut to verify relative rotation between the bolt and the nut. Holes in the walls for the culvert tie assembly may be drilled using core bits in lieu of using formed holes.



RESTRAINT ANGLE DETAIL



TIE PLATE DETAIL



BAR s

BAR s1

BAR s2

BAR s3

SCB-AES

2-17-2017

(Sheet 2 of 2)

MODEL: Sheet 14
FILE NAME: V05003 - CH15 Design LaSalle_ColCADD\CADD_Sheets\5003-sheet14.dgn

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USER NAME = BDeCrane	DESIGNED -	REVISED -
PLOT SCALE = 0.16666633' / in.	DRAWN -	REVISED -
PLOT DATE = 6/14/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**LASALLE COUNTY
HIGHWAY DEPARTMENT**

**CH 15 (E 22nd RD)
PRECAST CONCRETE BOX CULVERT APRON END SECTION DETAILS**

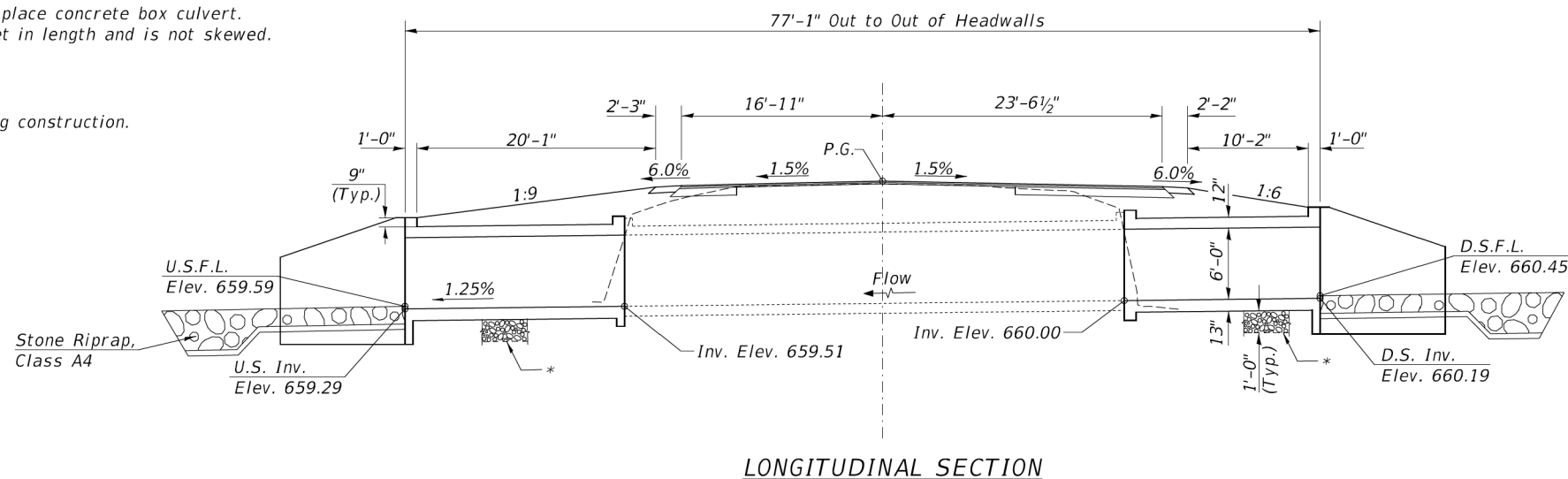
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 87801				
ILLINOIS FED. AID PROJECT				

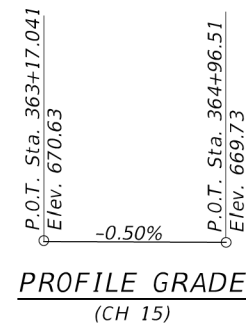
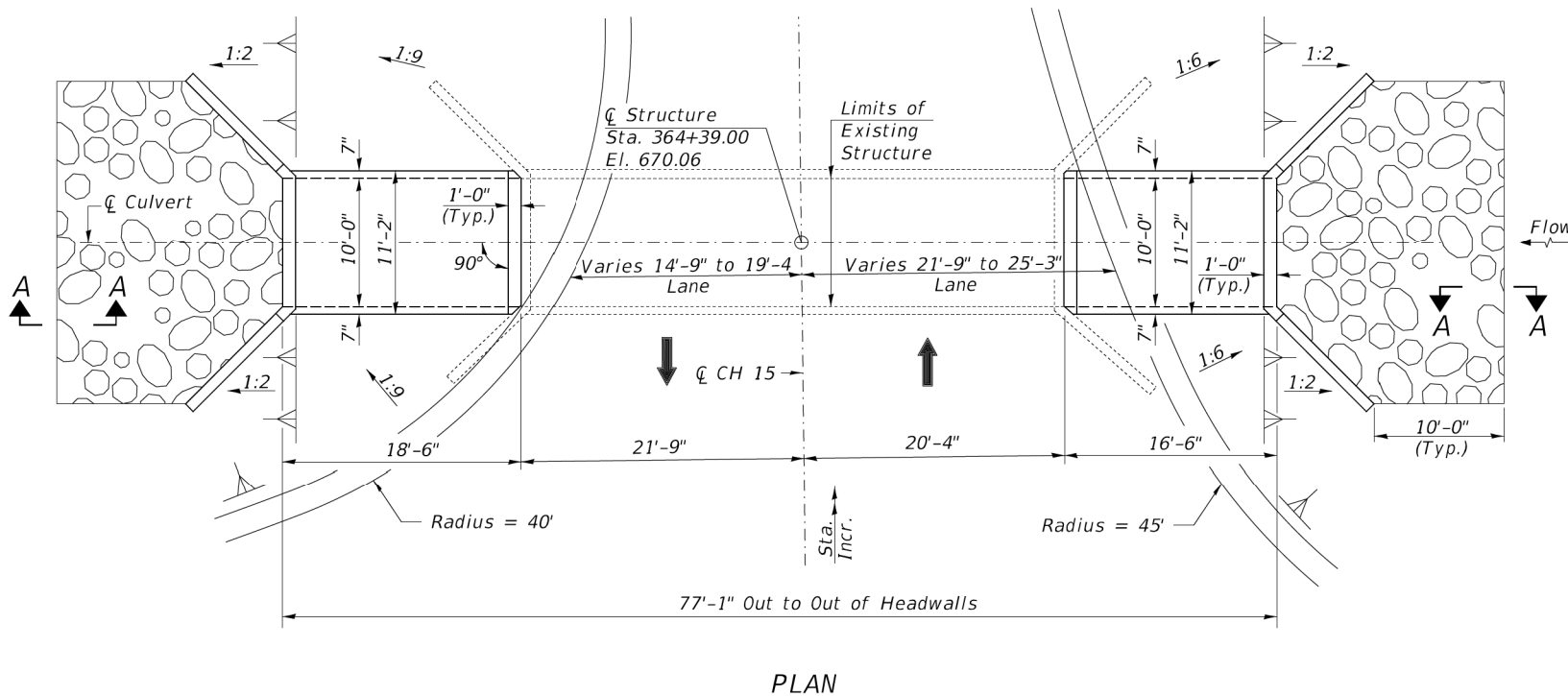
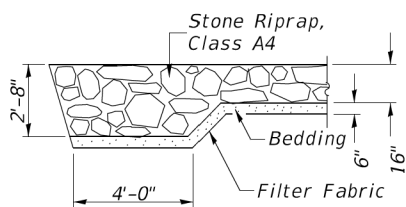
Existing Structure:
 Single barrel 10'x6' cast in place concrete box culvert.
 The structure is ~42'-0" feet in length and is not skewed.

Salvage: Structure to remain.

Traffic to be maintained during construction.



*Unsuitable Material Removal and Replacement with P.G.E. Limits are 2' outside the bottom slab and extends the length of the extensions



INDEX OF SHEETS

- General Plan and Elevation
- Porous Granular Embankment & Culvert Details
- 4. Culvert Details

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Removal and Disposal of Unsuitable Material	CU YD	10
Porous Granular Embankment	TON	240
Stone Riprap, Class A4	TON	75
Filter Fabric	SQ YD	85
Concrete Box Culverts	CU YD	55.2
Reinforcement Bars	POUND	9,470
3/4" Ø Expansion Bolts	EACH	48
Geocomposite Wall Drain	SQ YD	55
Membrane Waterproofing System for Buried Structures	SQ YD	55

DESIGN SPECIFICATIONS

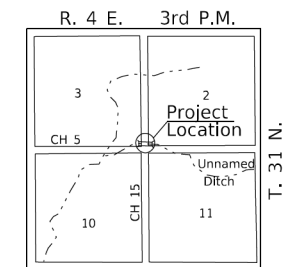
2020 AASHTO LRFD Bridge Design Specifications, 9th Edition

LOADING HL-93

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

DESIGN STRESSES

PROPOSED FIELD UNITS	EXISTING FIELD UNITS
$f'_c = 5,000$ psi	$f'_c = 3,500$ psi
$f_y = 60,000$ psi (Reinforcement)	$f_y = 60,000$ psi (Reinforcement)



GENERAL PLAN AND ELEVATION
 F.A.S. 268 (CH 15) OVER UNNAMED DITCH
 SEC. 15-00351-00-WR
 LASALLE COUNTY
 STATION 364+39.00

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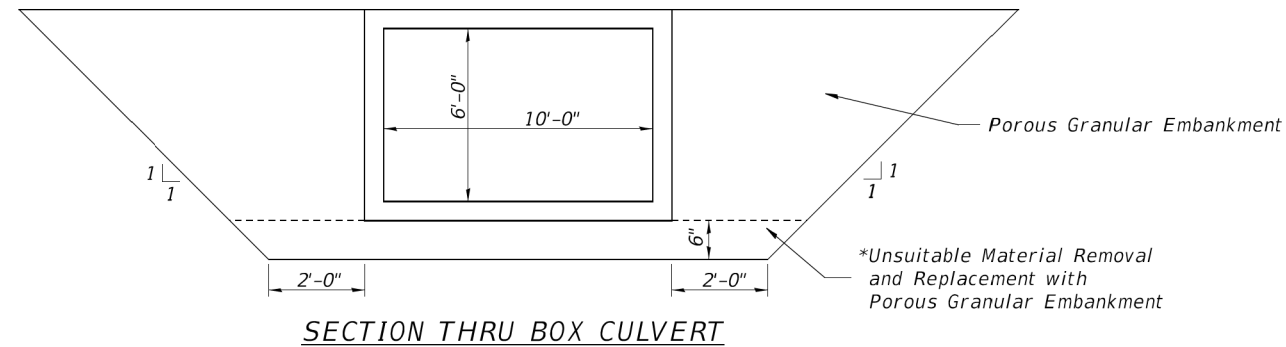
Hutchinson Engineering, Inc.
 Jacksonville Moline Peoria Shorewood
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USER NAME	DESIGNED	REVISIONS
J.Savage	JPS	-
	JPS	-
	BAN	-
		-

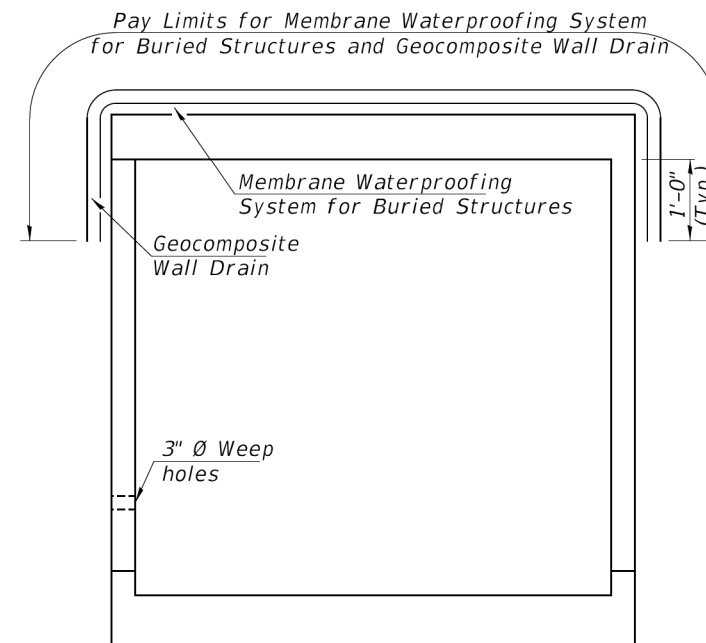
LASALLE COUNTY
F.A.S. 268 (C.H. 15)
OVER UNNAMED DITCH

GENERAL PLAN AND ELEVATION
 SCALE: N/A SHEET 1 OF 4 SHEETS

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268	15-00351-00-WR	LASALLE	236	115
CONTRACT NO. 87801				
FED. ROAD DIST. NO. 7 ILLINOIS		FED. AID PROJ. NO.		



SECTION THRU BOX CULVERT
POROUS GRANULAR EMBANKMENT DETAIL
BOX CULVERT BACKFILLING DETAIL



MEMBRANE WATERPROOFING FOR BURIED STRUCTURES
AND GEOCOMPOSITE WALL DRAIN DETAIL

Note: Geocomposite Wall Drain shall be according to Article 591 of the Standard Specification except that concrete nails shall not be used in areas where it overlaps Membrane Waterproofing System for Buried Structures.

MODEL: H:\MODEL\NAME\ FILE NAME: V:\S001 - C115 Reconstruction (Lasalle)\8 - CADD\3 - CADD Sheets\S001-C001.dgn

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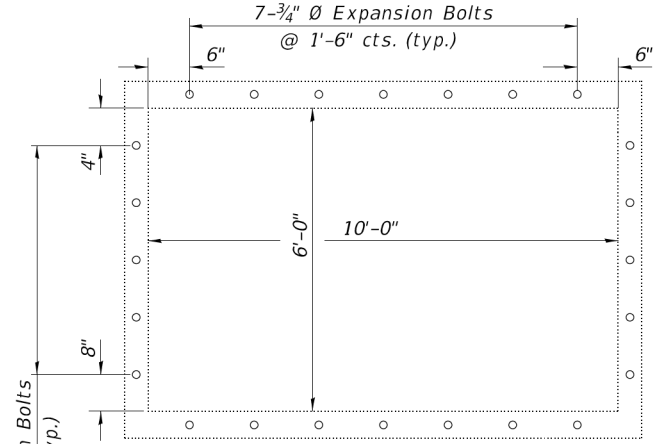
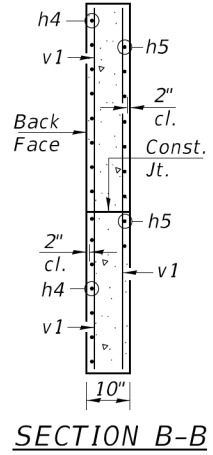
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LASALLE COUNTY
F.A.S. 268 (C.H. 15)
OVER UNNAMED DITCH

POROUS GRANULAR EMBANKMENT
& CULVERT DETAILS

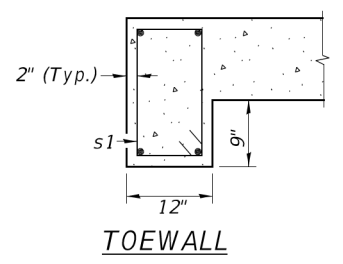
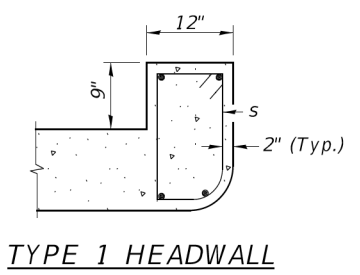
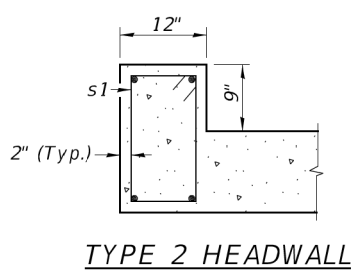
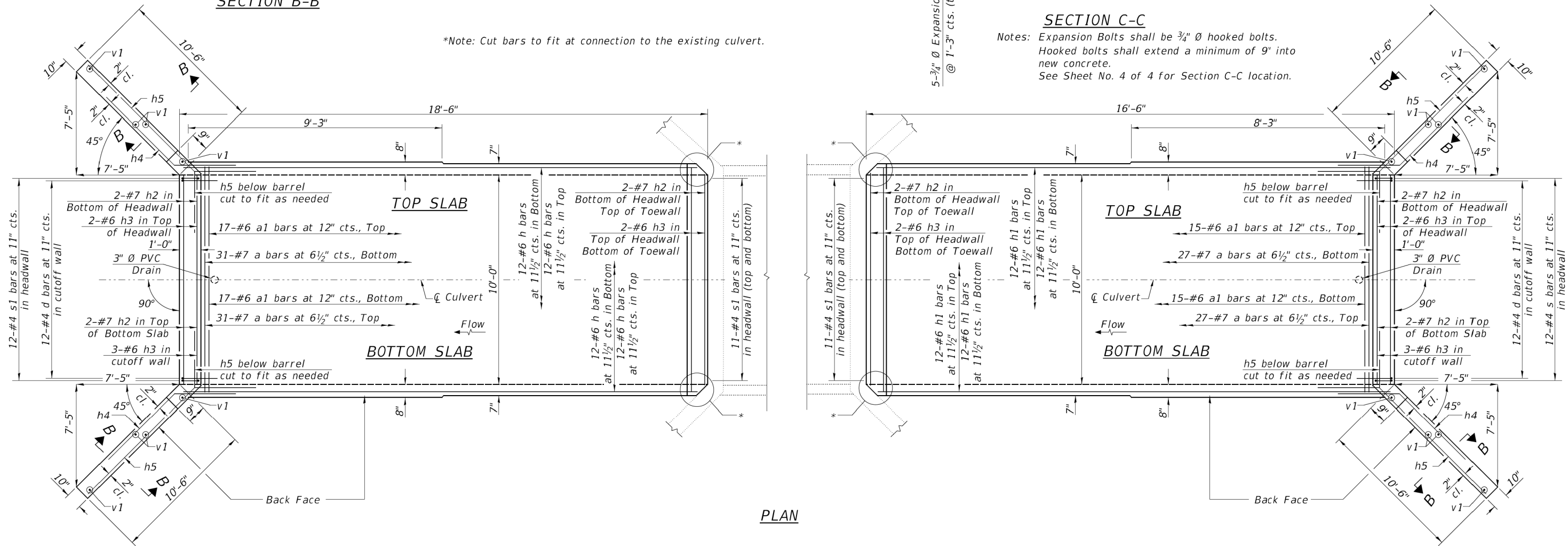
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268	15-00351-00-WR	LASALLE	236	116
CONTRACT NO. 87801				
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJ. NO.	



SECTION C-C
 Notes: Expansion Bolts shall be 3/4" Ø hooked bolts. Hooked bolts shall extend a minimum of 9" into new concrete. See Sheet No. 4 of 4 for Section C-C location.

*Note: Cut bars to fit at connection to the existing culvert.



DETAIL A

DETAIL B

Note: See Sheet No. 3 of 4 for Detail A location.

MODEL: H:\MODELS\LASALLE\15 Reconstruction (LASALLE)8 - CADD\3 - CADD Sheets\5001-C001.dgn
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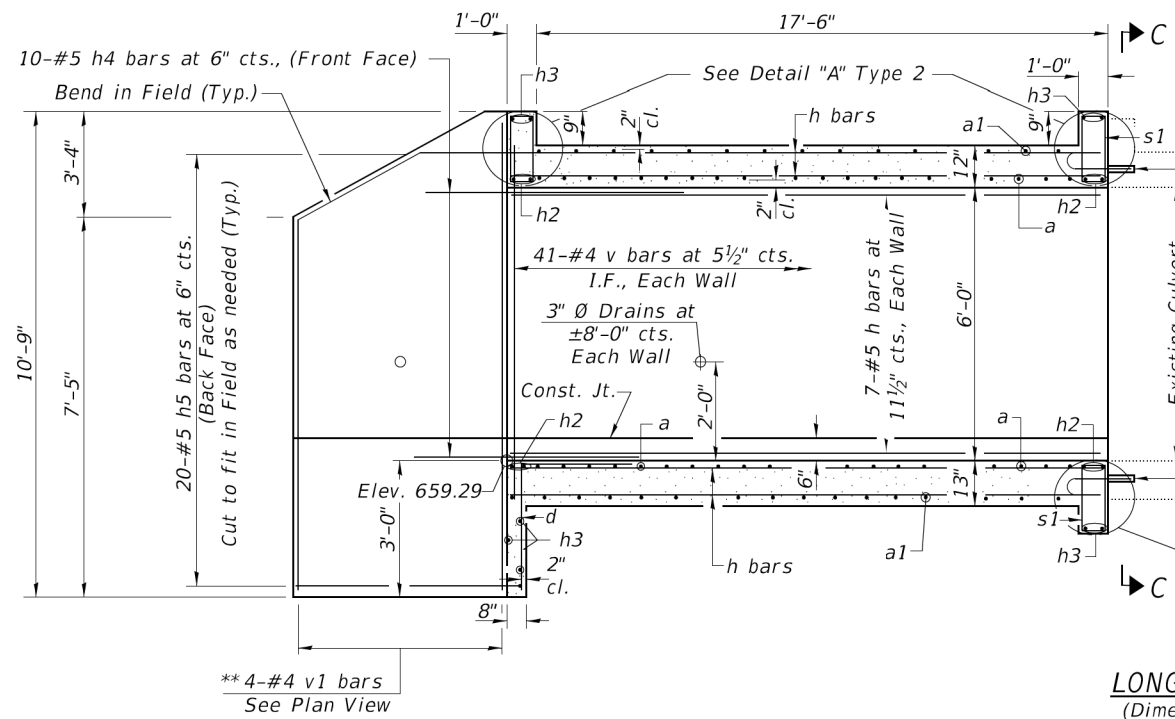
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LASALLE COUNTY
F.A.S. 268 (C.H. 15)
OVER UNNAMED DITCH

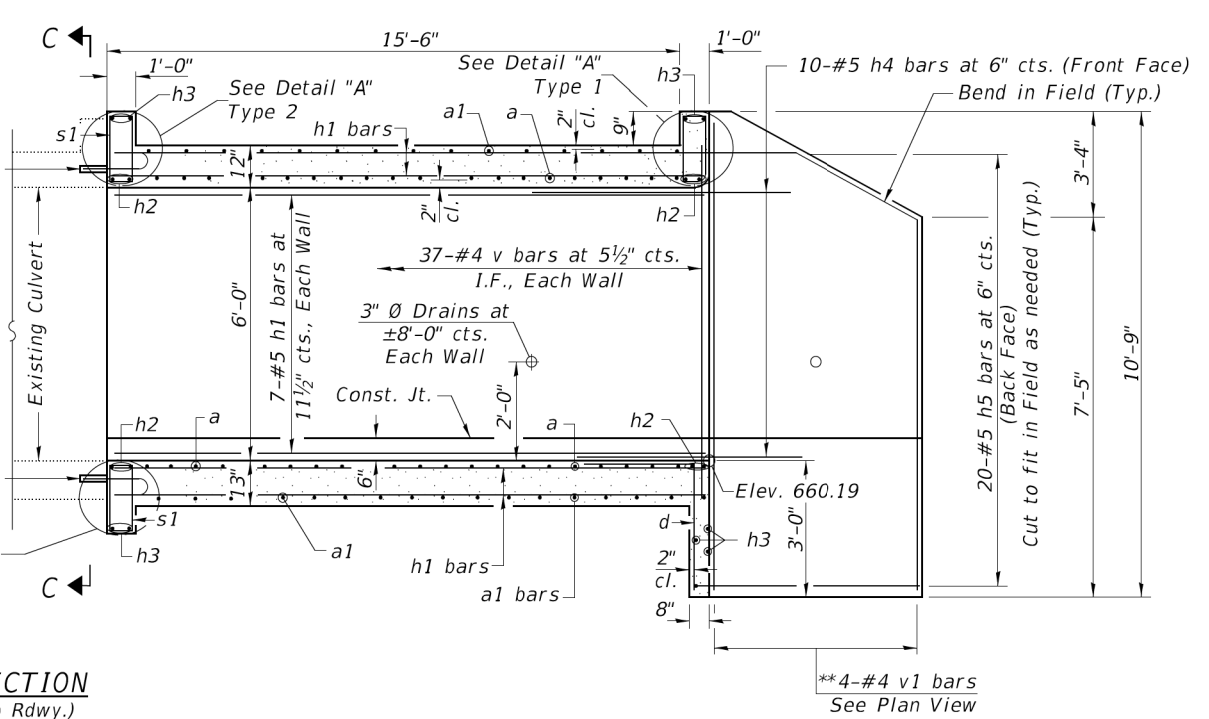
CULVERT DETAILS

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F.A.S. RTE. 268	SECTION 15-00351-00-WR	COUNTY LASALLE	TOTAL SHEETS 236	SHEET NO. 117
CONTRACT NO. 87801				
FED. ROAD DIST. NO. 7 ILLINOIS		FED. AID PROJ. NO.		



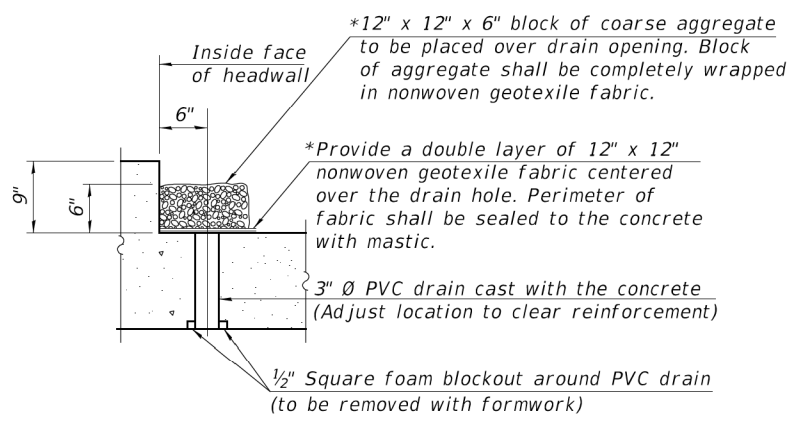
LONGITUDINAL SECTION
(Dimensions at Rt. L's to Rdwy.)



**4-#4 v1 bars
See Plan View

**4-#4 v1 bars
See Plan View

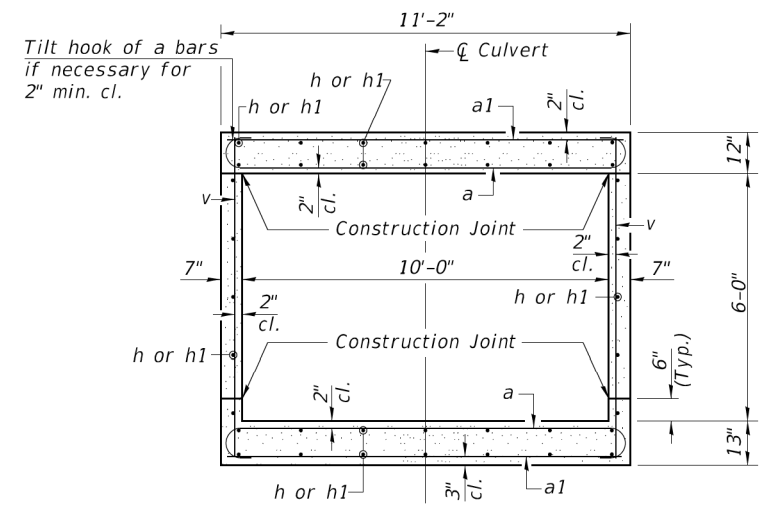
**Cut to fit in field as needed. (Typ.)



DRAIN DETAIL

(All costs associated with furnishing and constructing the above drain detail will not be measured for payment but shall be included in Concrete Box Culverts.)

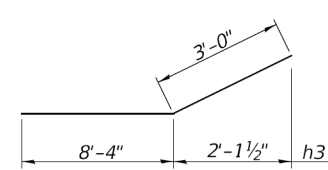
*Nonwoven geotextile fabric shall conform to the requirements of Article 1080.01 of the Standard Specifications. The minimum weight of the fabric shall be 6 ounces per square yard.



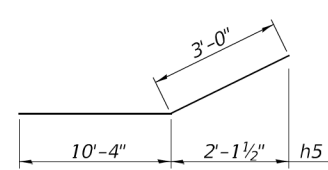
SECTION THRU BARREL
Showing Reinforcement

BILL OF MATERIAL

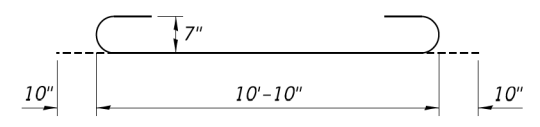
Bar	No.	Size	Length	Shape
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a1	64	#6	10'-10"	
d	24	#4	4'-5"	
h	62	#6	18'-2"	
h1	62	#6	16'-2"	
h2	16	#7	10'-0"	
h3	18	#6	10'-0"	
h4	40	#5	11'-4"	
h5	80	#5	13'-4"	
s	12	#4	4'-9"	
s1	56	#4	4'-11"	
v	156	#4	7'-7"	
v1	16	#4	10'-2"	
Concrete Box Culverts			CU YD	55.2
Reinforcement Bars			POUND	9,470
3/4\"/>				



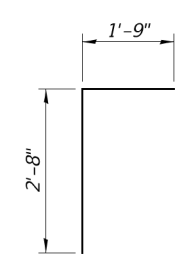
BARs h4



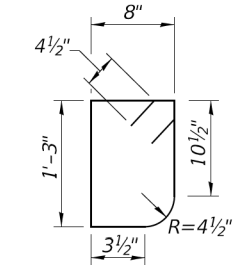
BARs h5



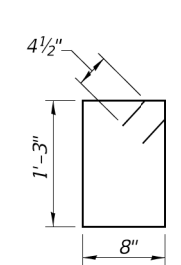
BAR a



BAR d



BAR s



BAR s1

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ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

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DRAWN	-
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PLOT DATE	= 6/14/2023

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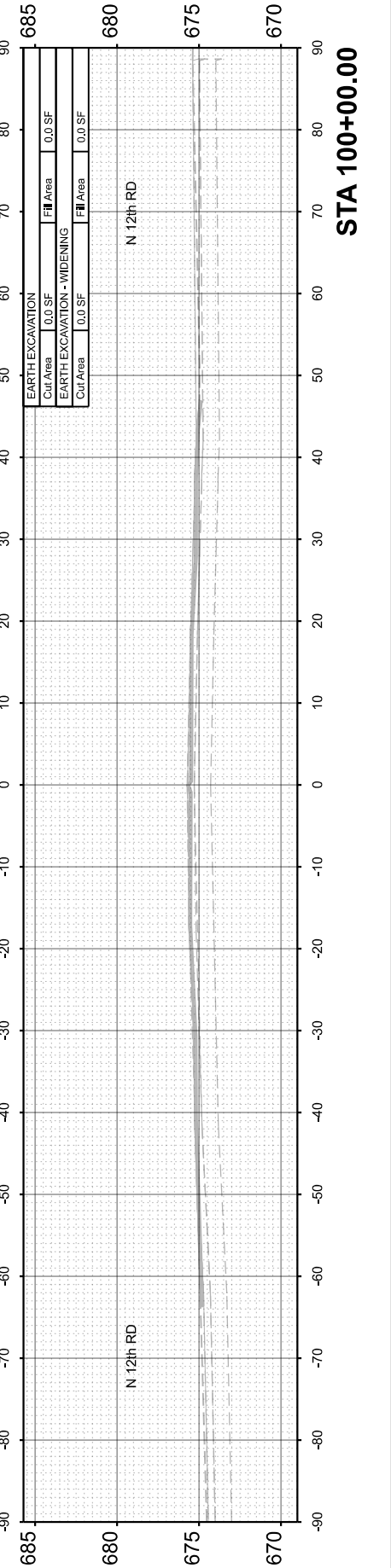
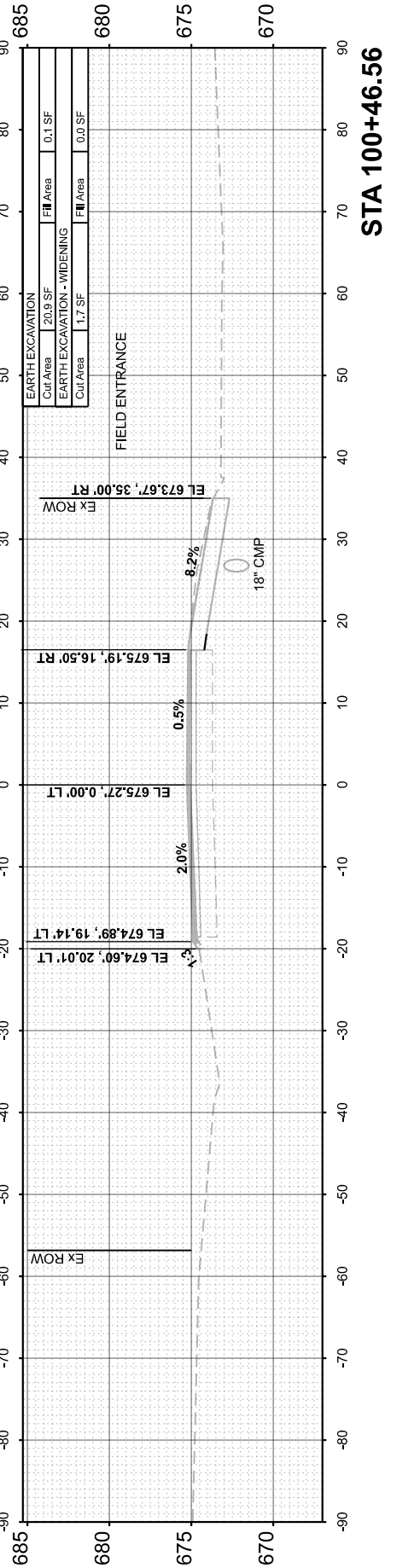
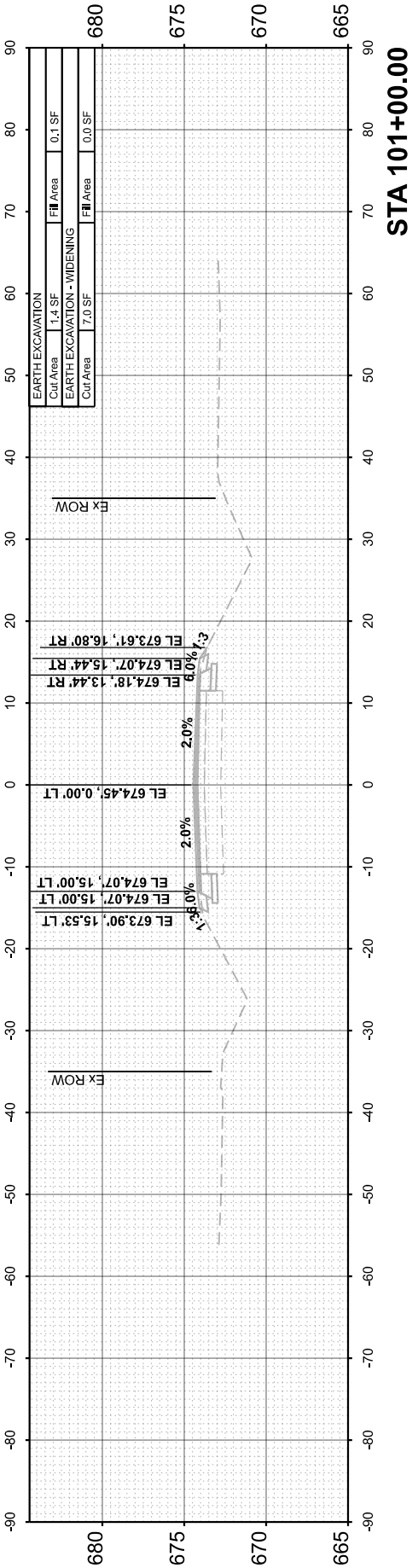
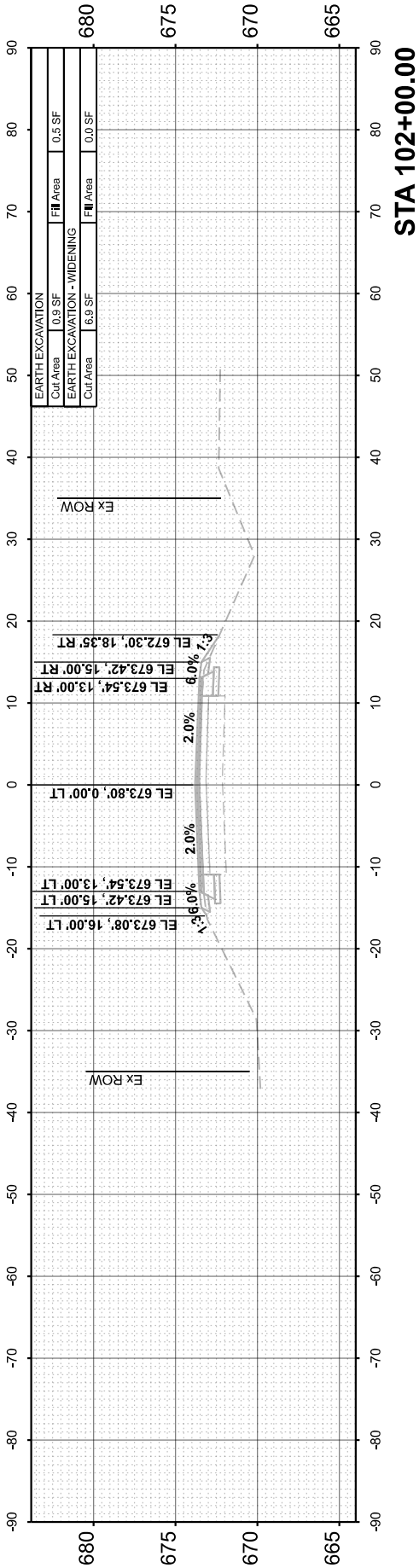
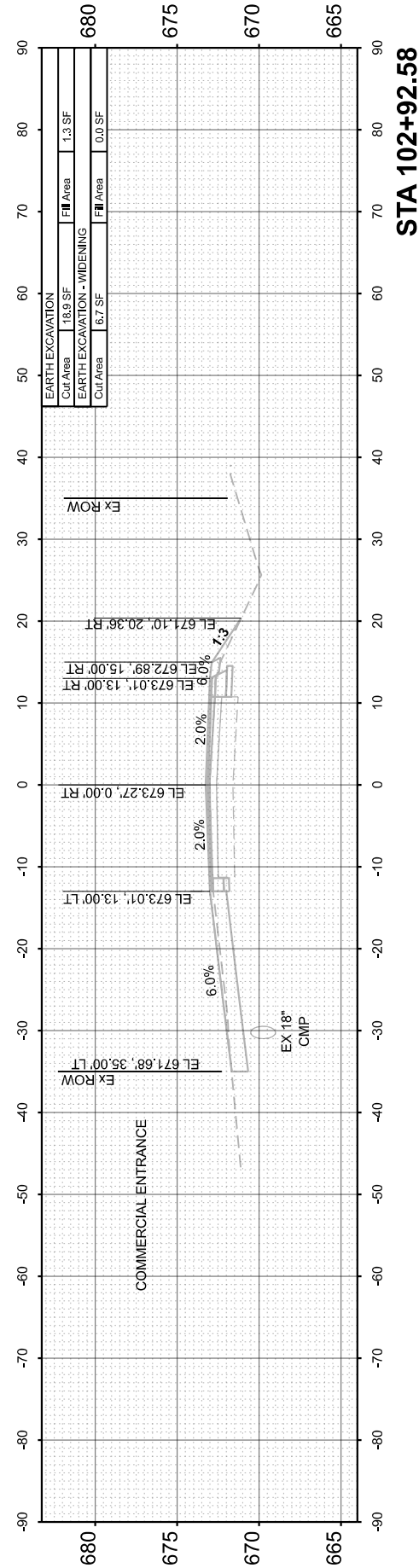
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**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

SCALE: H=10 V=5 SHEET 1 OF 118 SHEETS STA. 100+00.00

**CH 15 (E 22nd RD)
 CROSS SECTIONS**

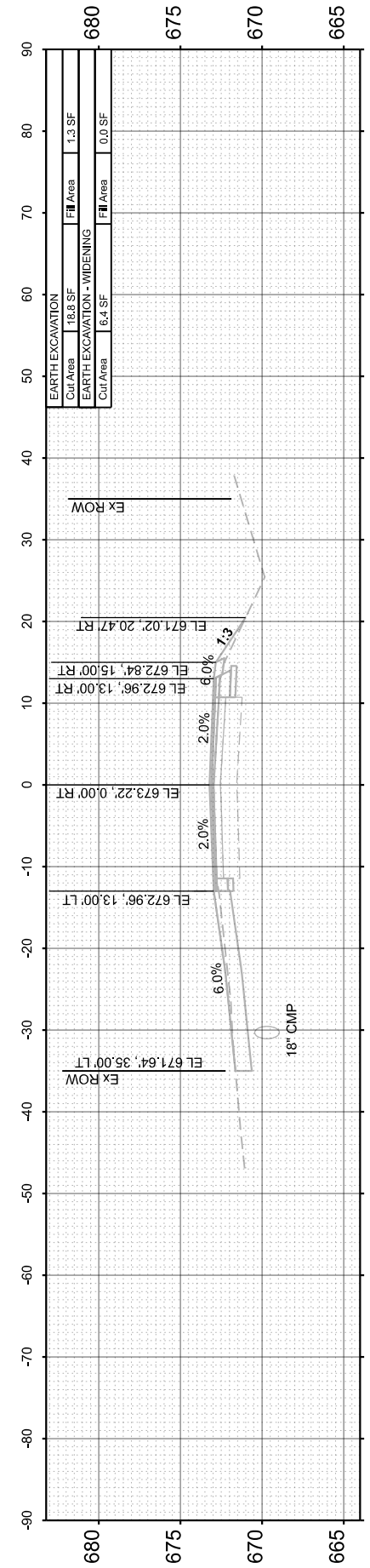
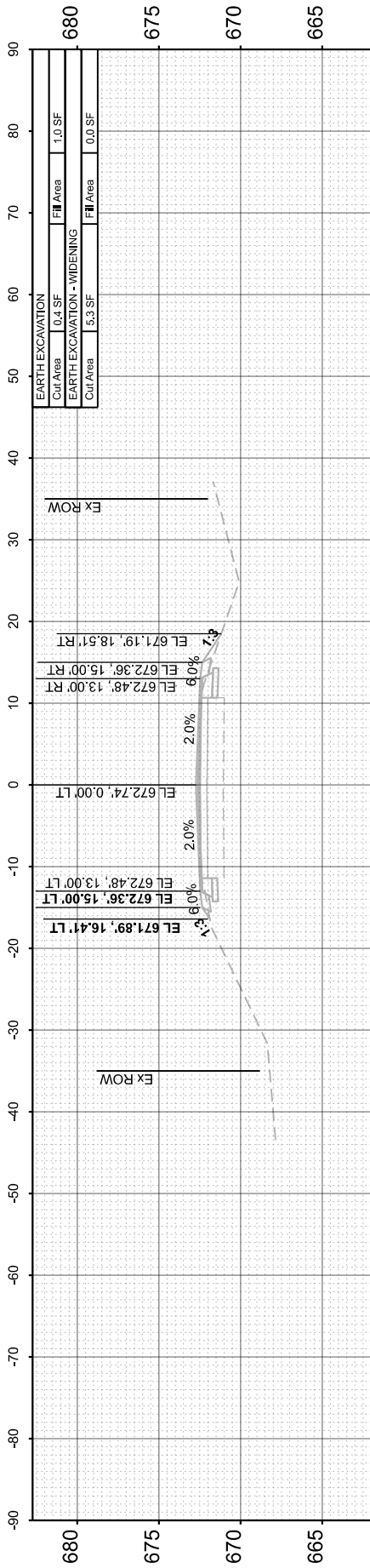
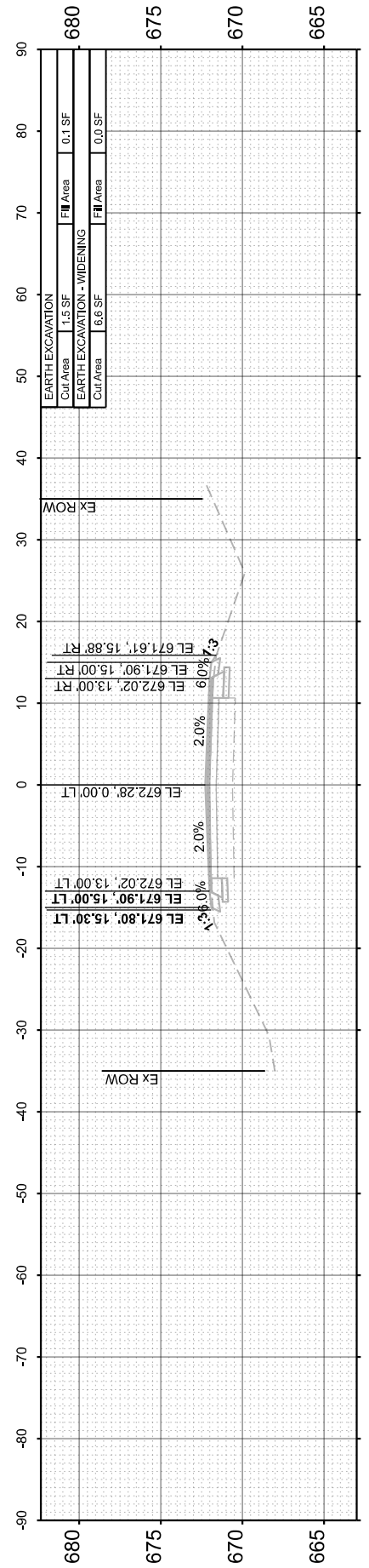
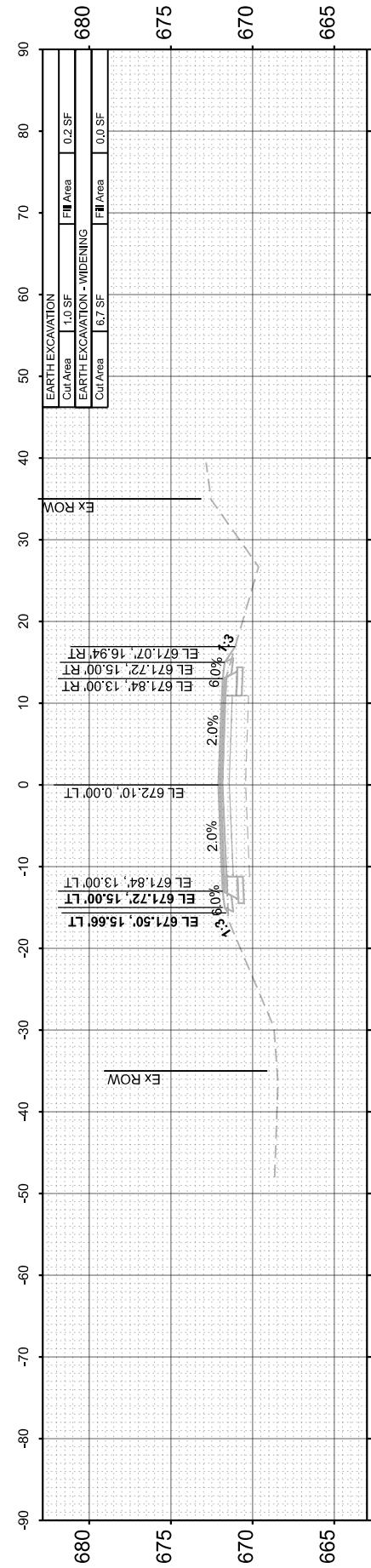
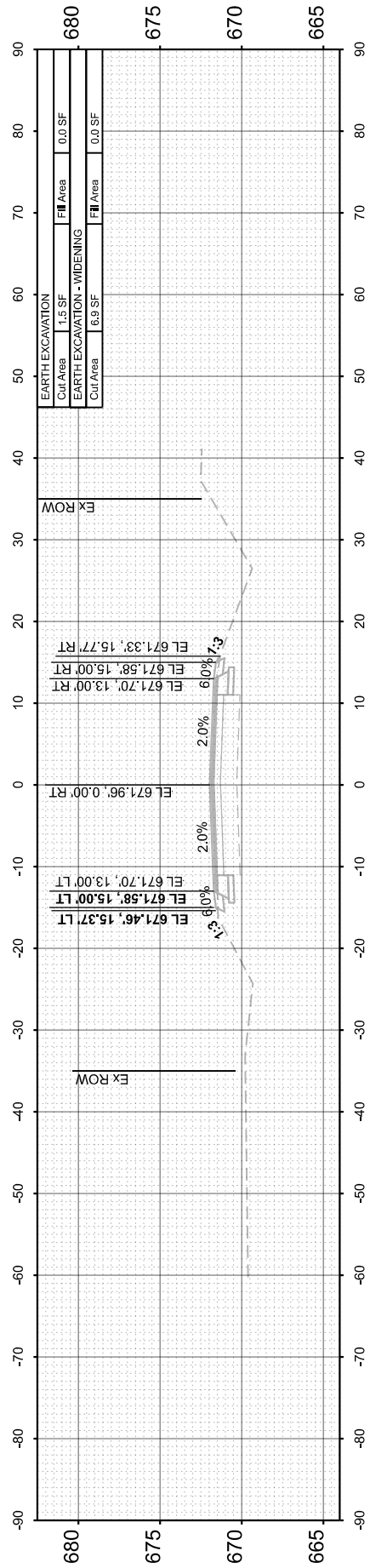
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CONTRACT NO. 87801				
ILLINOIS		FED. AID PROJECT		



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**LASALLE COUNTY
HIGHWAY DEPARTMENT**

**CH 15 (E 22nd RD)
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CONTRACT NO. 87801				
ILLINOIS		FED. AID PROJECT		

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USER NAME	= BDeCrane	DESIGNED	-
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PLOT DATE	= 6/14/2023	DATE	-

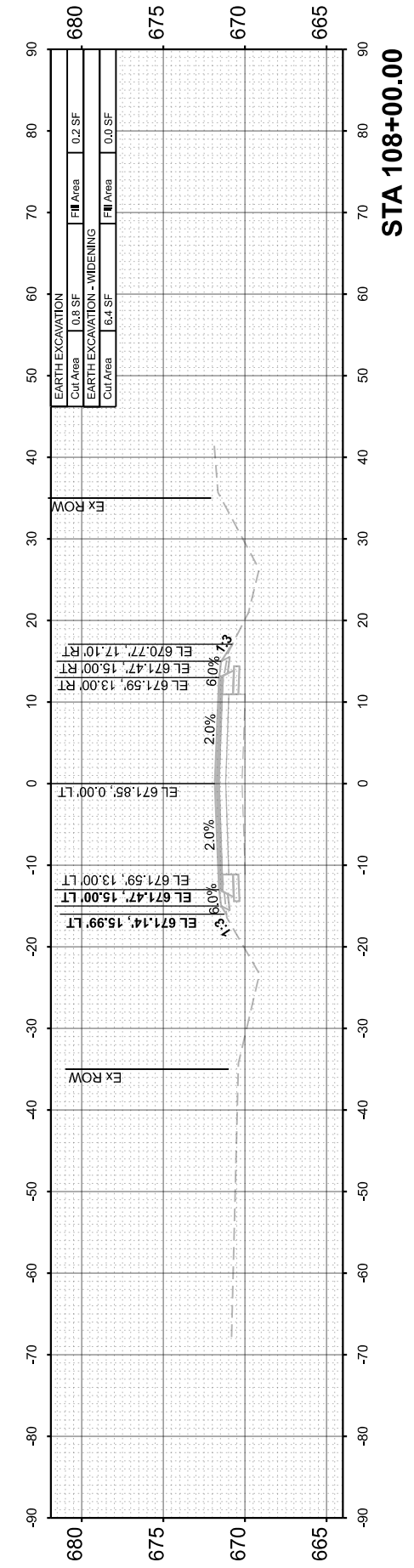
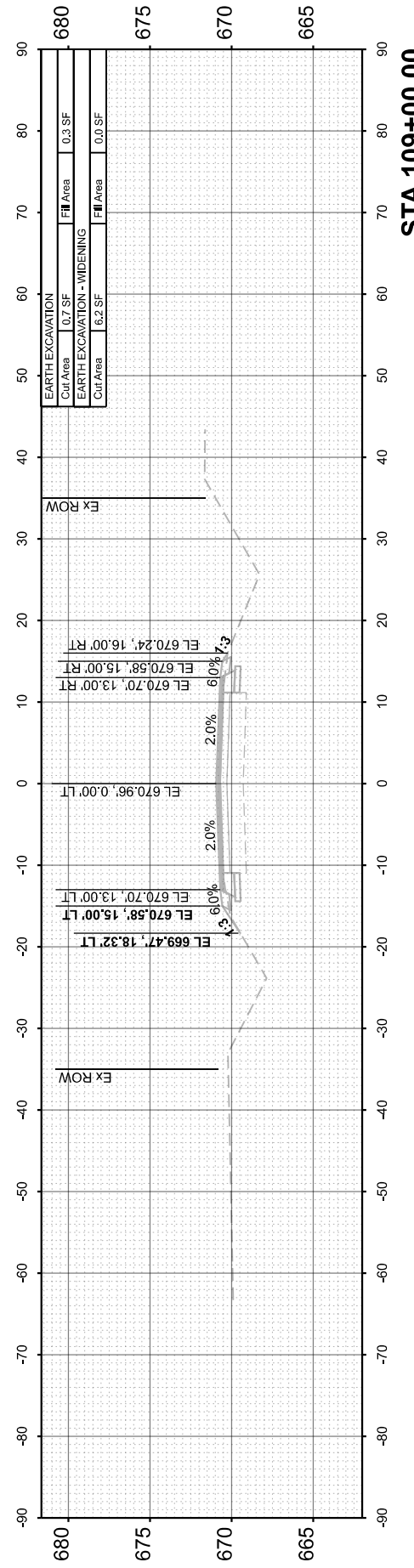
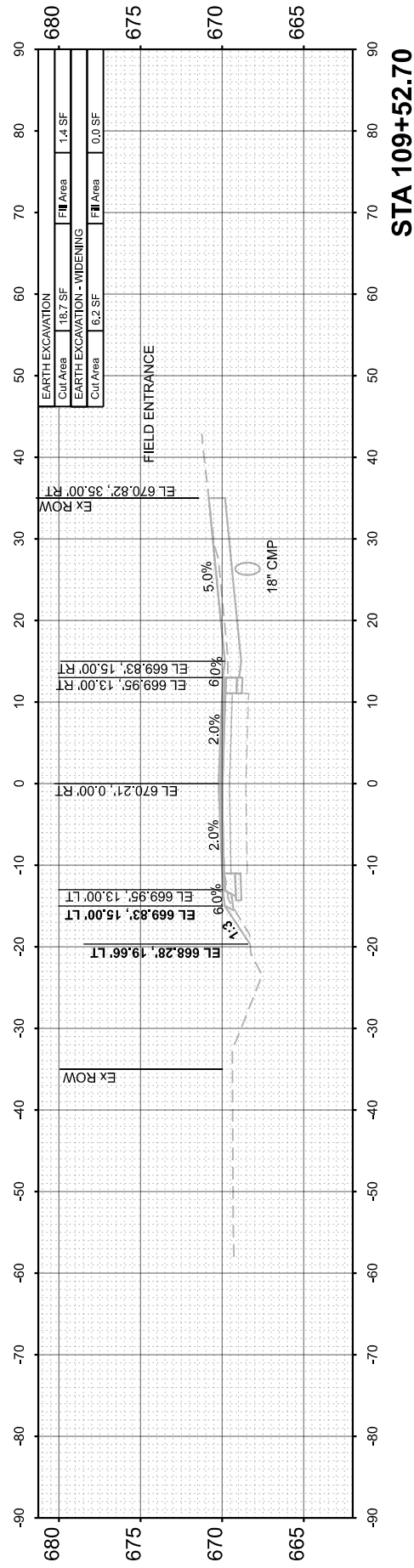
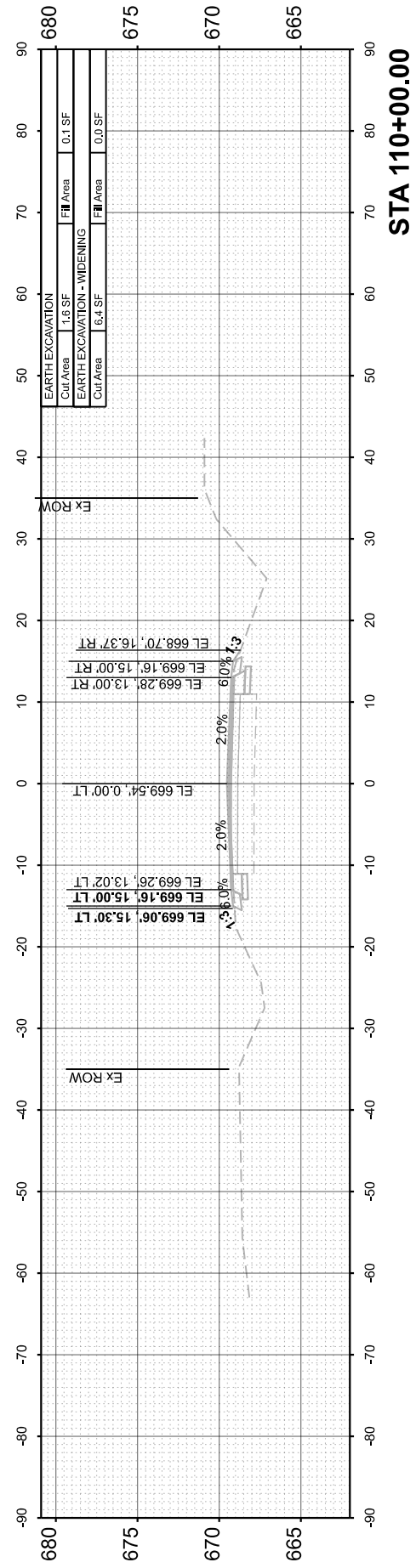
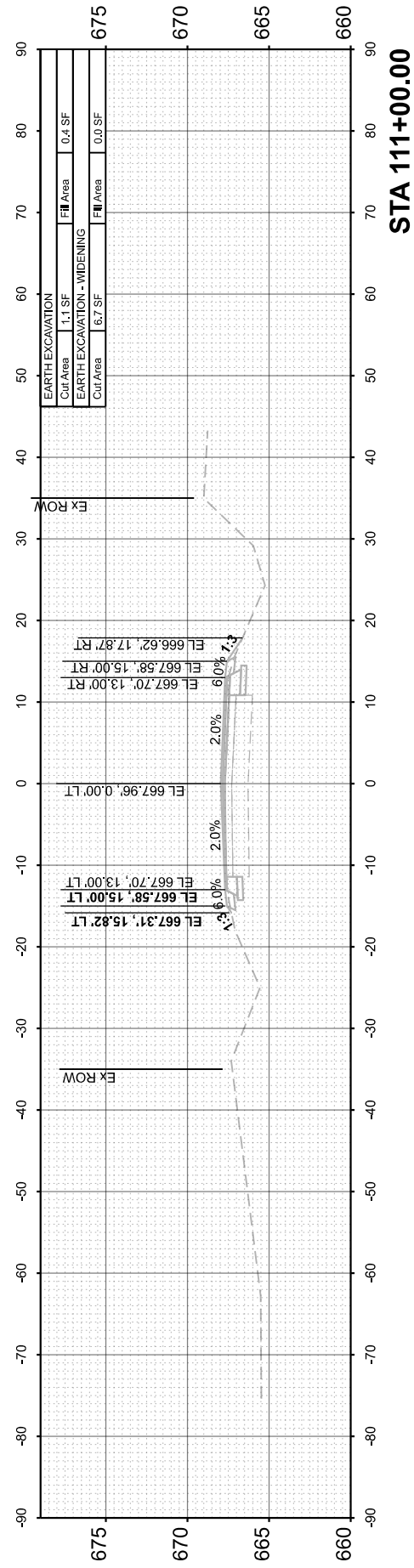
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REVISED	-
REVISED	-

**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

SCALE: H=10 V=5 SHEET 3 OF 118 SHEETS STA. 108+00.00

**CH 15 (E 22nd RD)
 CROSS SECTIONS**

F.A.S. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
288	15-00351-00-WR	LASALLE	236	121
				CONTRACT NO. 87801
		ILLINOIS	FED. AID PROJECT	



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

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

MODEL: EX_CH15 - 112+00.00 (Sheet)
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Hutchison Engineering, Inc.
 Jacksonville - Moline - Peoria - Shorewood
 Since 1945

USER NAME	= BDeCrane
DESIGNED	-
DRAWN	-
PLLOT SCALE	= 0.16666633 ' / in.
CHECKED	-
DATE	= 6/14/2023

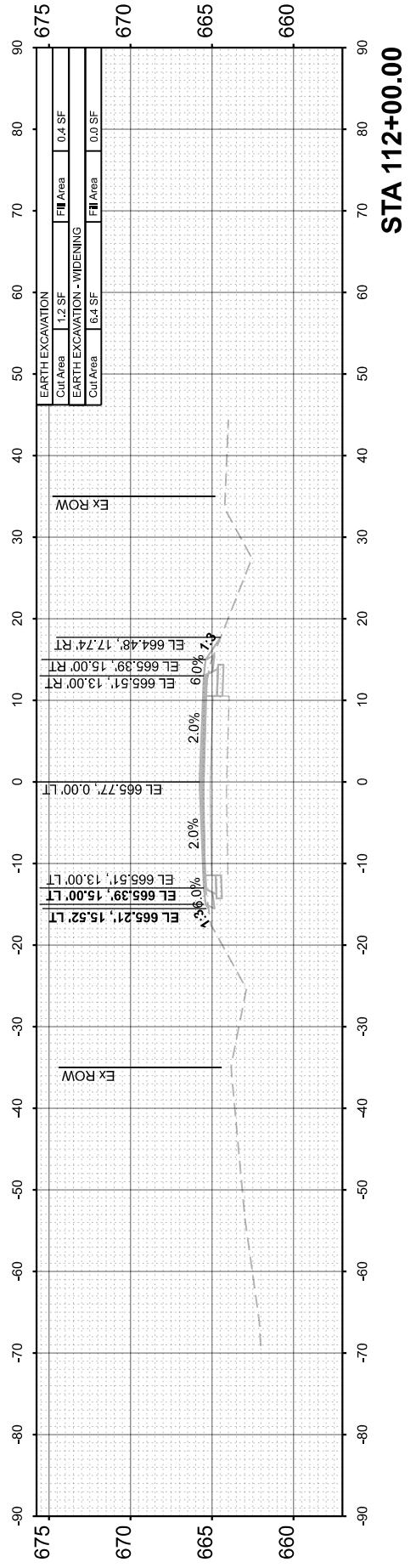
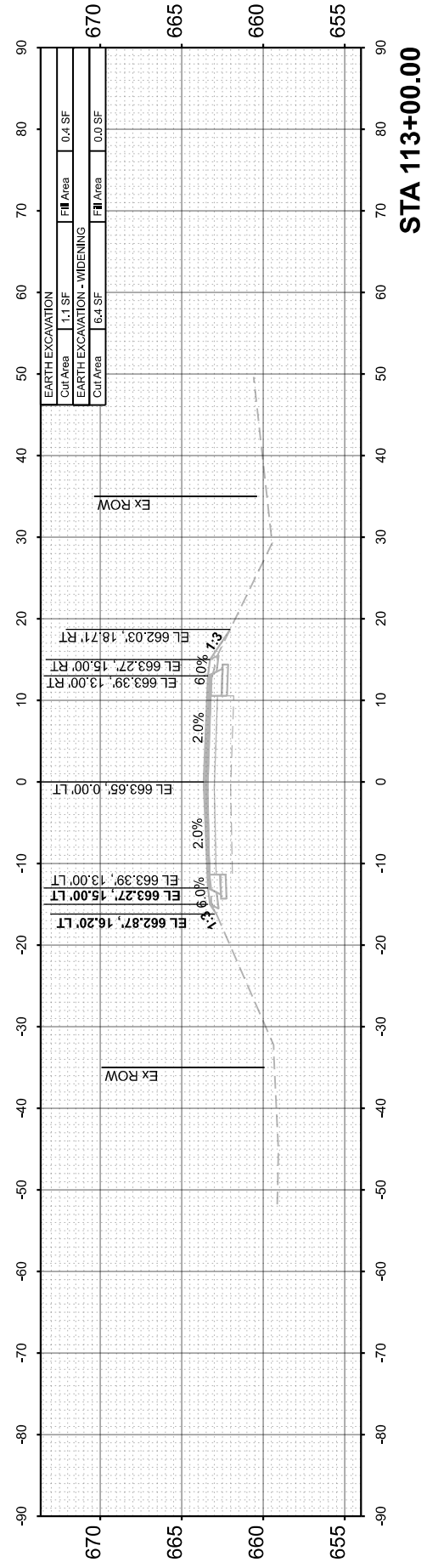
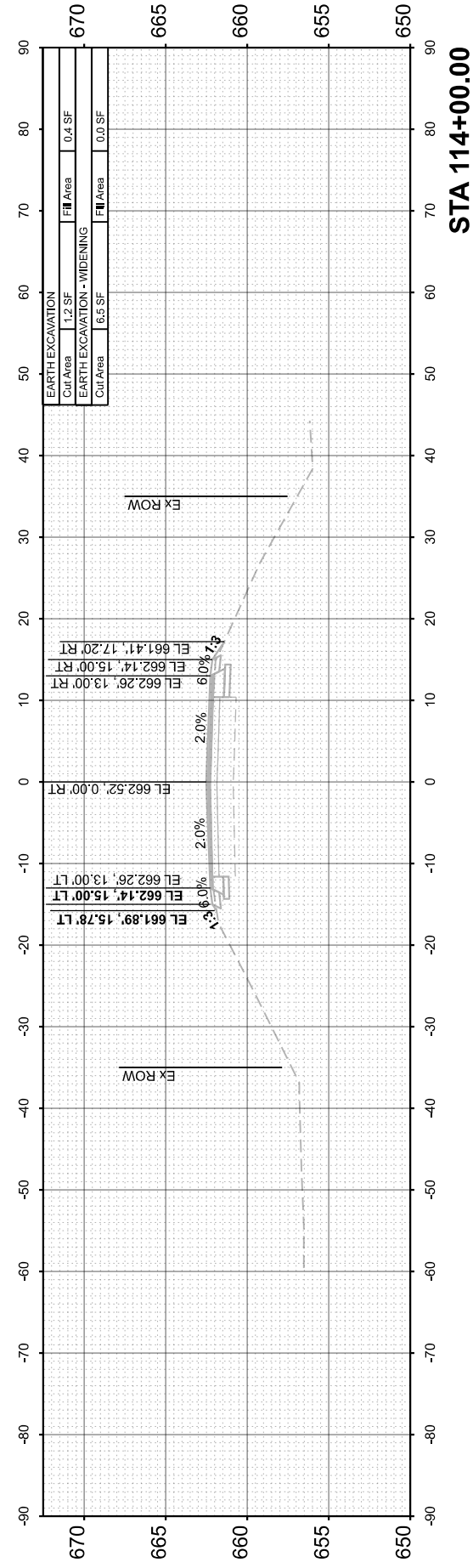
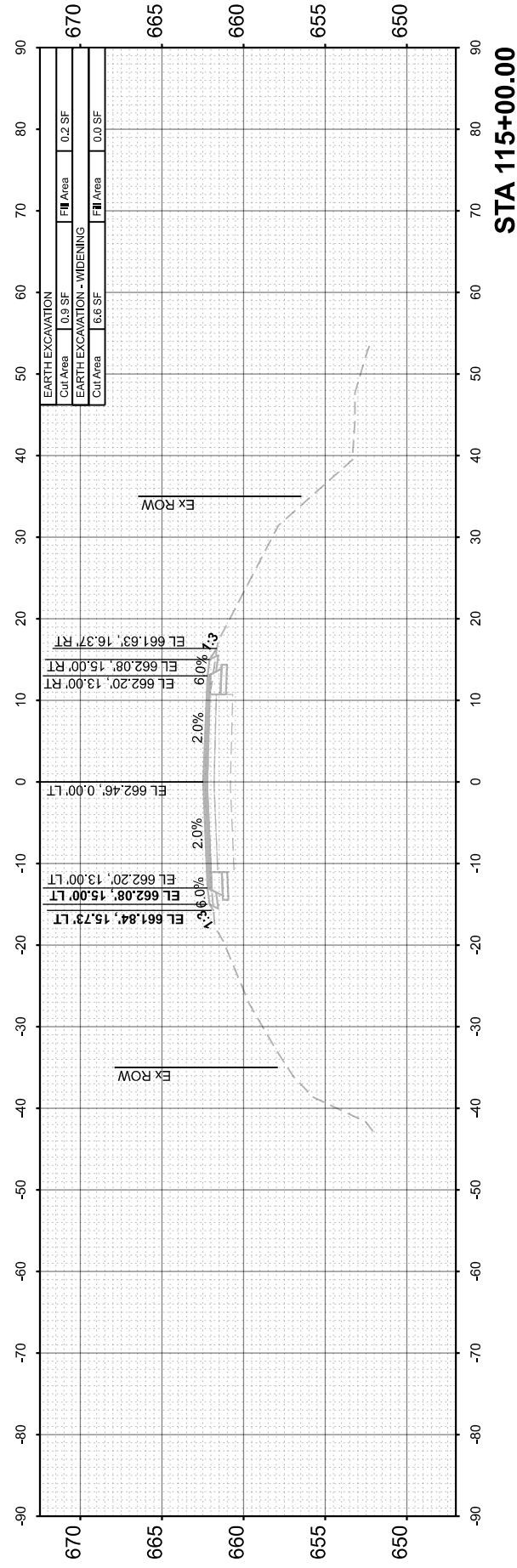
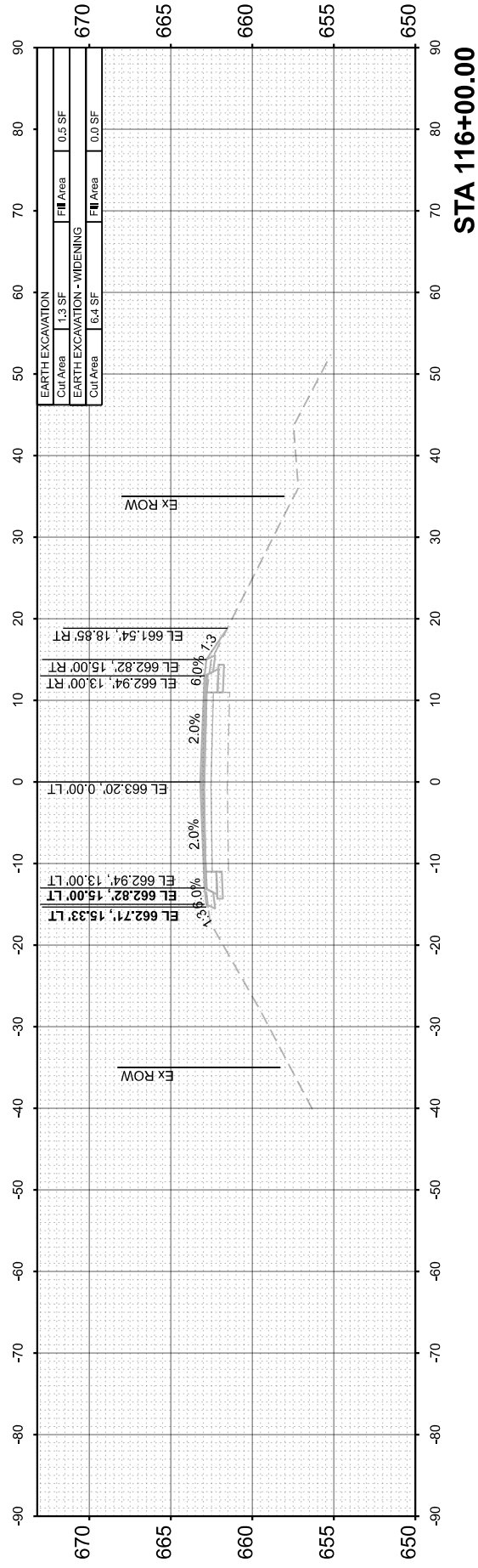
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REVISD	-

**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

**CH 15 (E 22nd RD)
 CROSS SECTIONS**

SCALE: H=10 V=5 SHEET 4 OF 118 SHEETS STA. 112+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
288	15-00351-00-WR	LASALLE	236	122
CONTRACT NO. 87801				
ILLINOIS		FED. AID PROJECT		



FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

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Hutchinson Engineering, Inc.
 Jacksonville - Moline - Peoria - Shorewood
 Since 1945

USER NAME	= BDeCrane
DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-
PLOT SCALE	= 0.16666633 ' / in.
PLOT DATE	= 6/14/2023

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

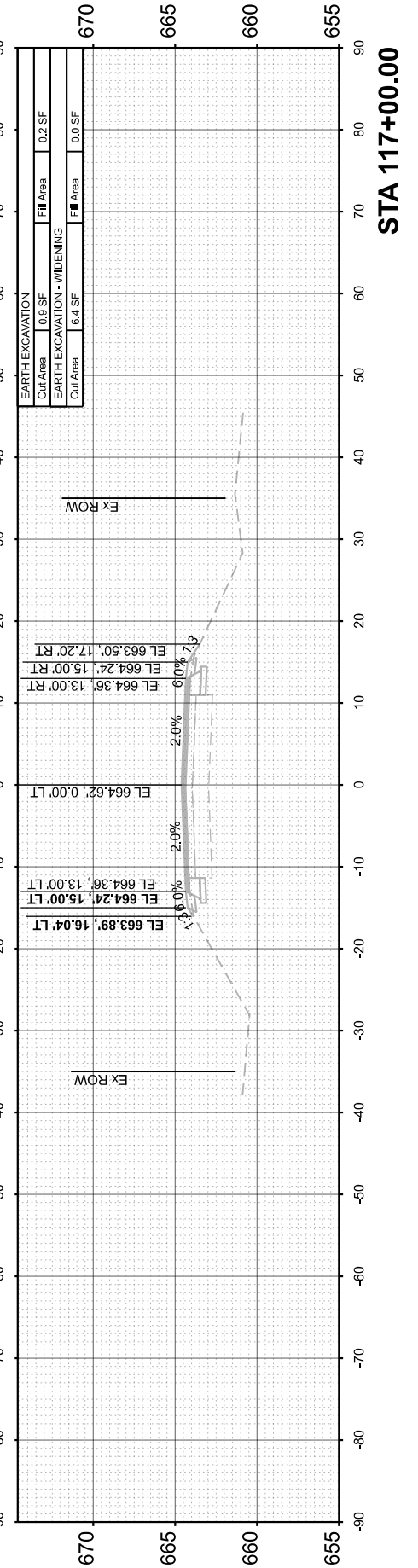
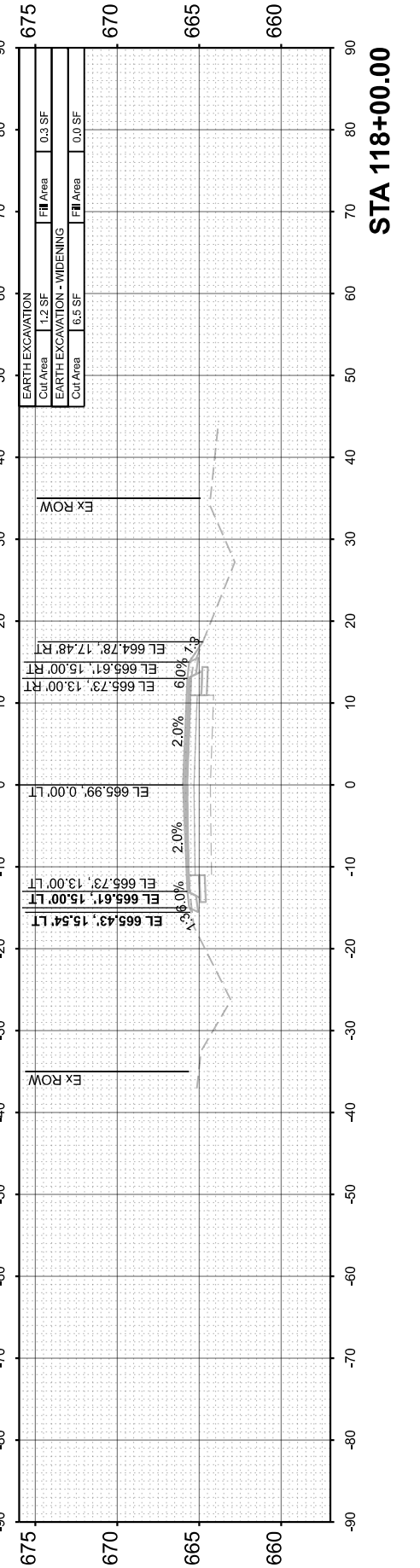
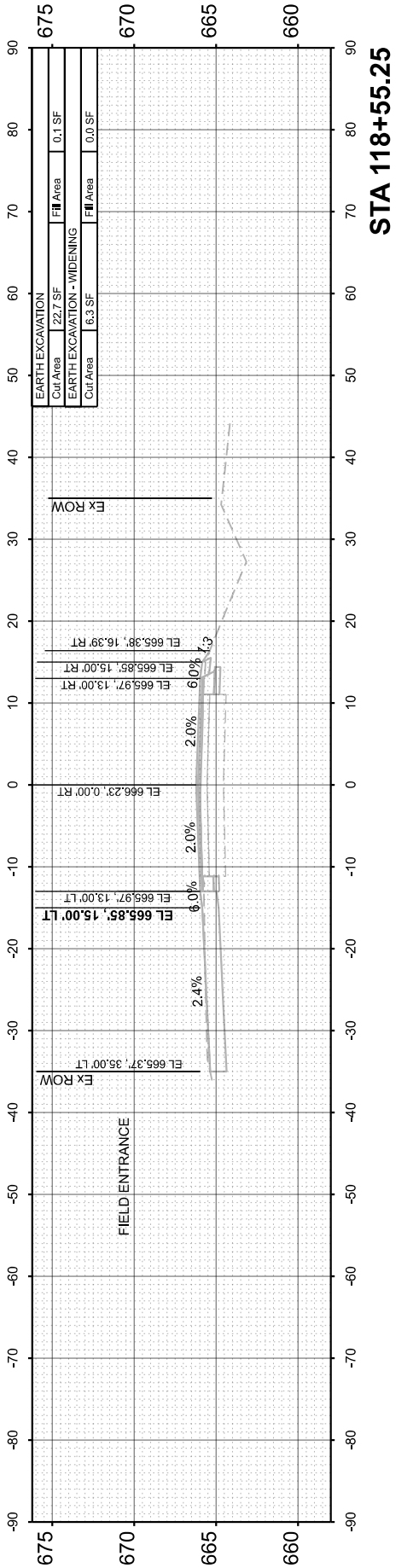
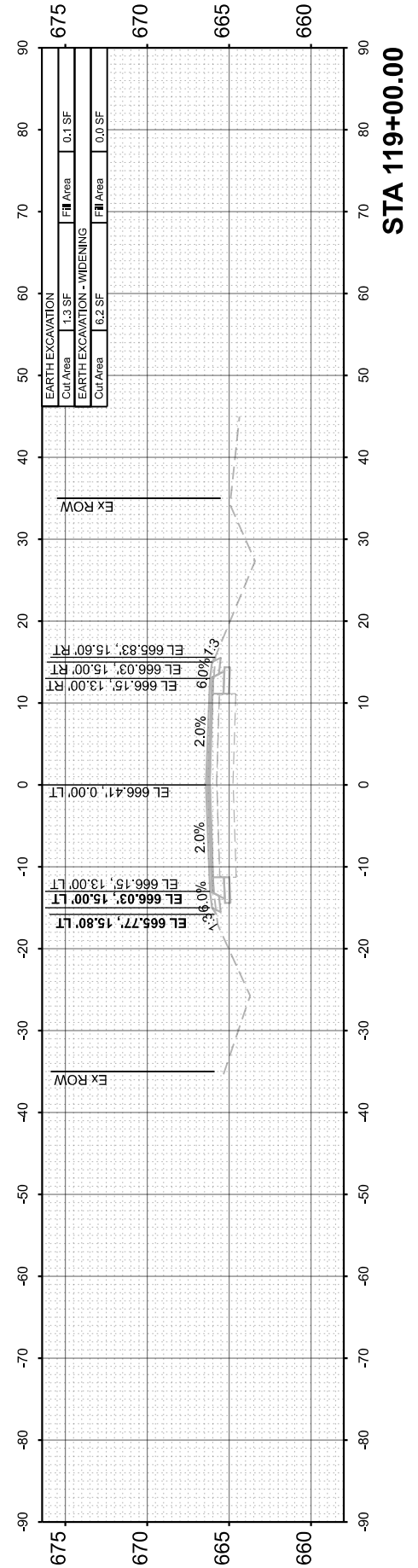
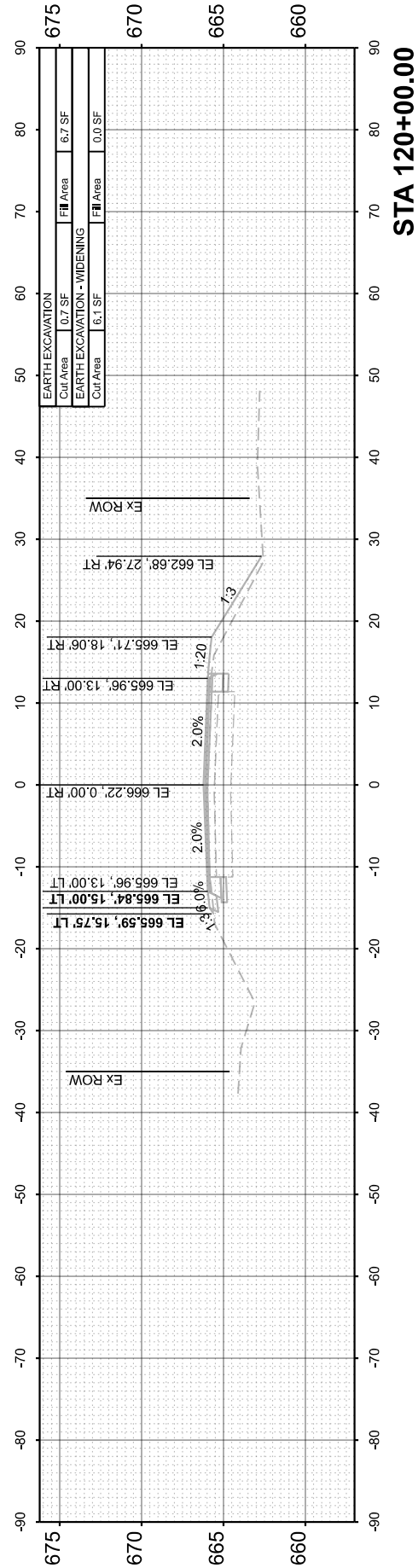
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REVISED	-

**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

SCALE: H=10 V=5 SHEET 5 OF 118 SHEETS STA. 117+00.00

**CH 15 (E 22nd RD)
 CROSS SECTIONS**

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
288	15-00351-00-WR	LASALLE	236	123
				CONTRACT NO. 87801
		ILLINOIS	FED. AID PROJECT	



FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

MODEL: EX_CH15 - 120+23.58 (Sheet)
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Hutchison Engineering, Inc.
 Jacksonville - Moline - Peoria - Shorewood
 Since 1945

USER NAME	= BDcraene
DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-
PLOT SCALE	= 0.16666633" / in.
PLOT DATE	= 6/14/2023

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

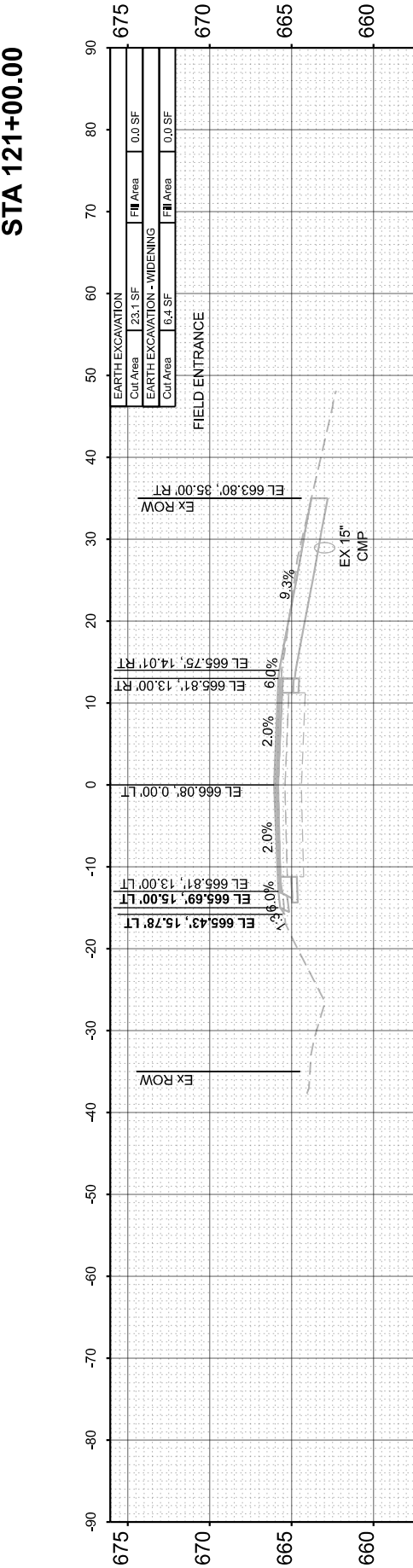
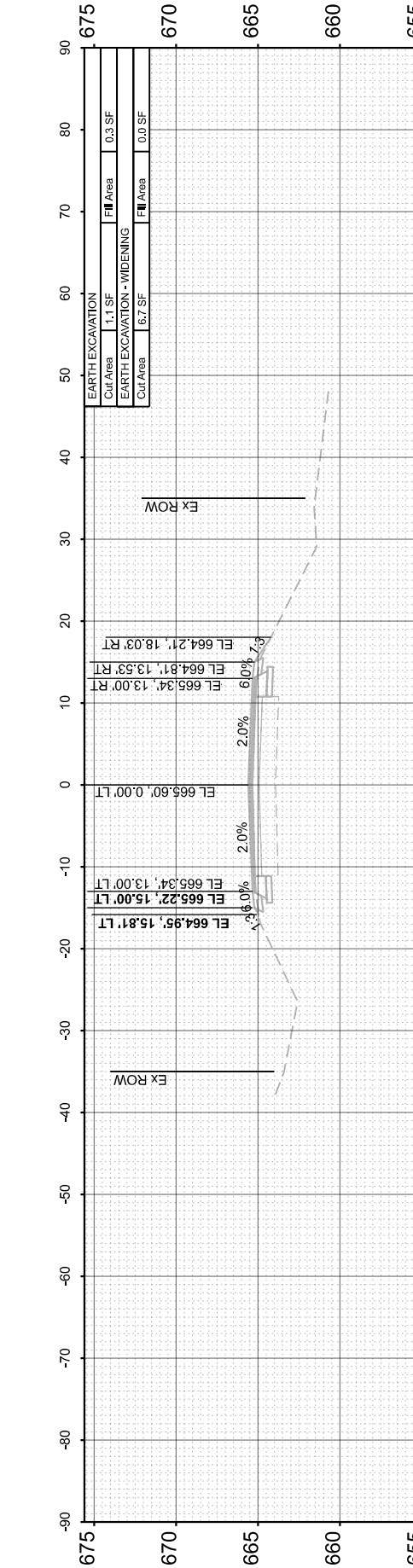
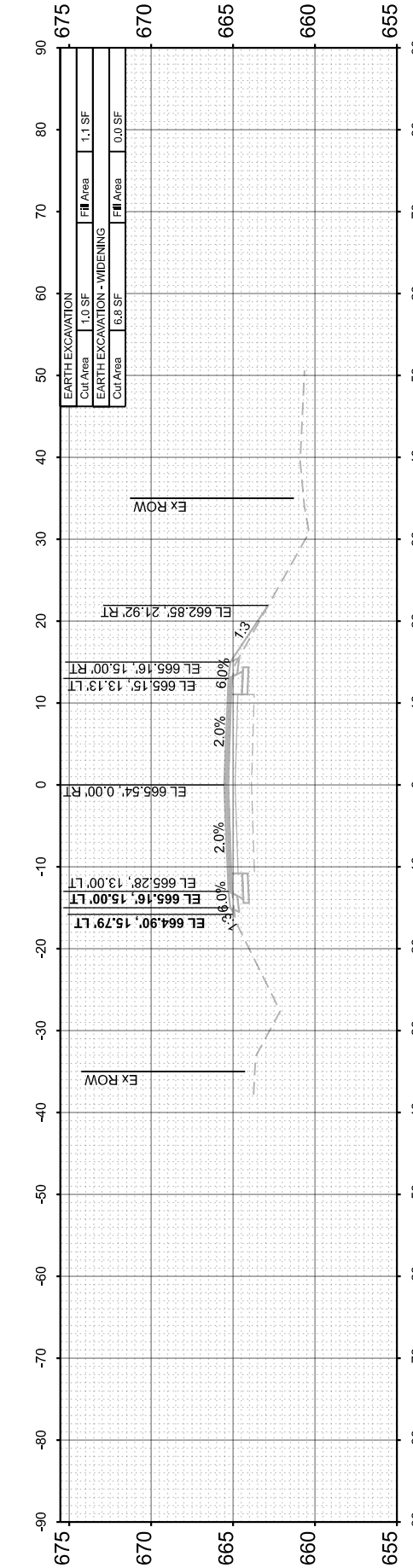
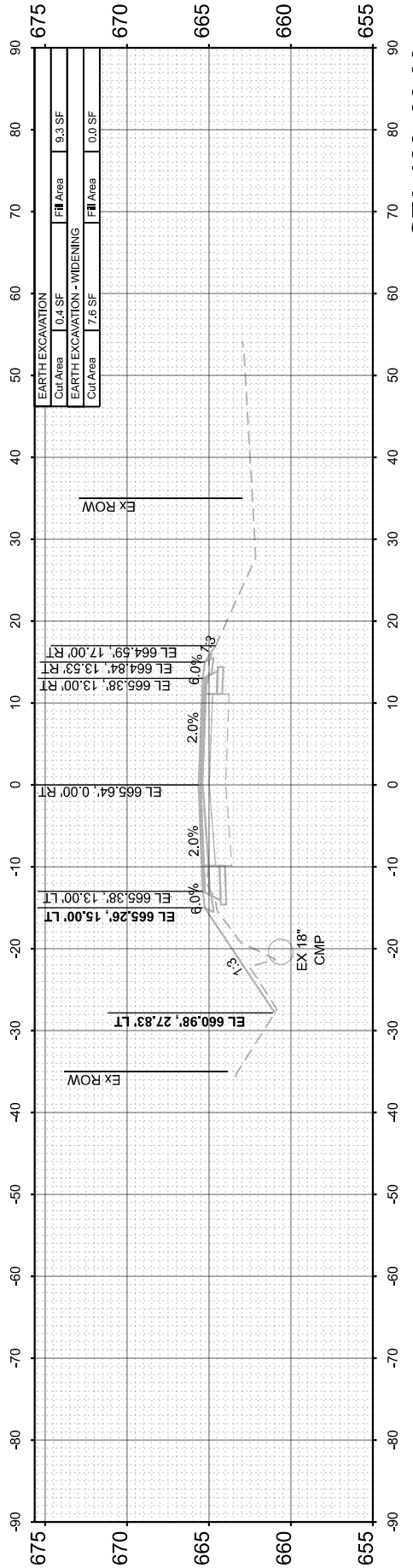
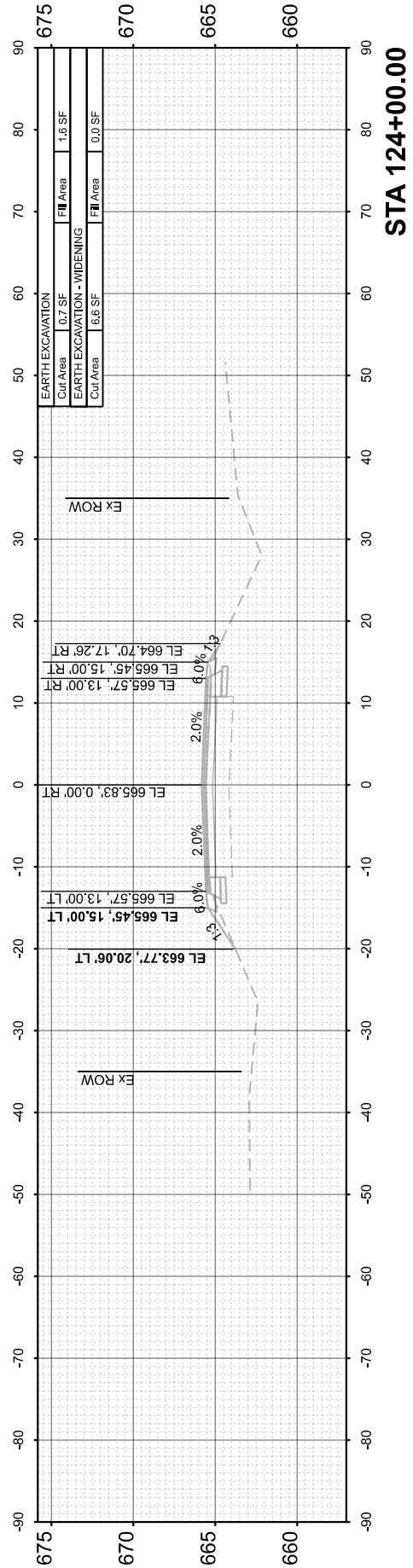
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**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

SCALE: H=10 V=5 SHEET 6 OF 118 SHEETS STA. 120+23.58

**CH 15 (E 22nd RD)
 CROSS SECTIONS**

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
288	15-00351-00-WR	LASALLE	236	124
CONTRACT NO. 87801				
ILLINOIS		FED. AID PROJECT		



FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

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Hutchison Engineering, Inc.
 Jacksonville - Moline - Peoria - Shorewood
 Since 1945

USER NAME	= BDeCrane
DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-
PLOT SCALE	= 0.16666633''/in.
PLOT DATE	= 6/14/2023

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

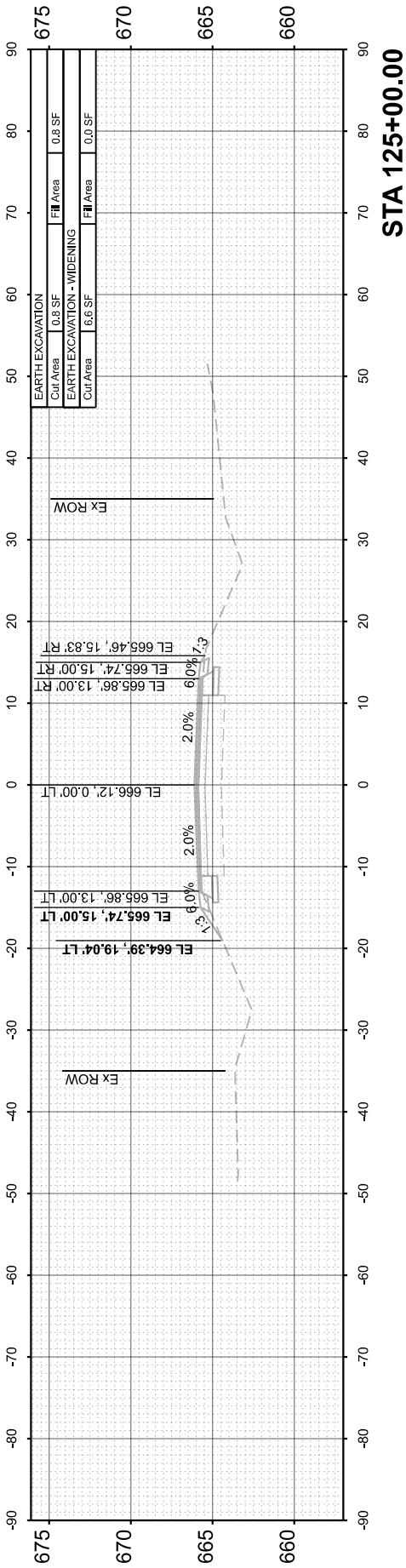
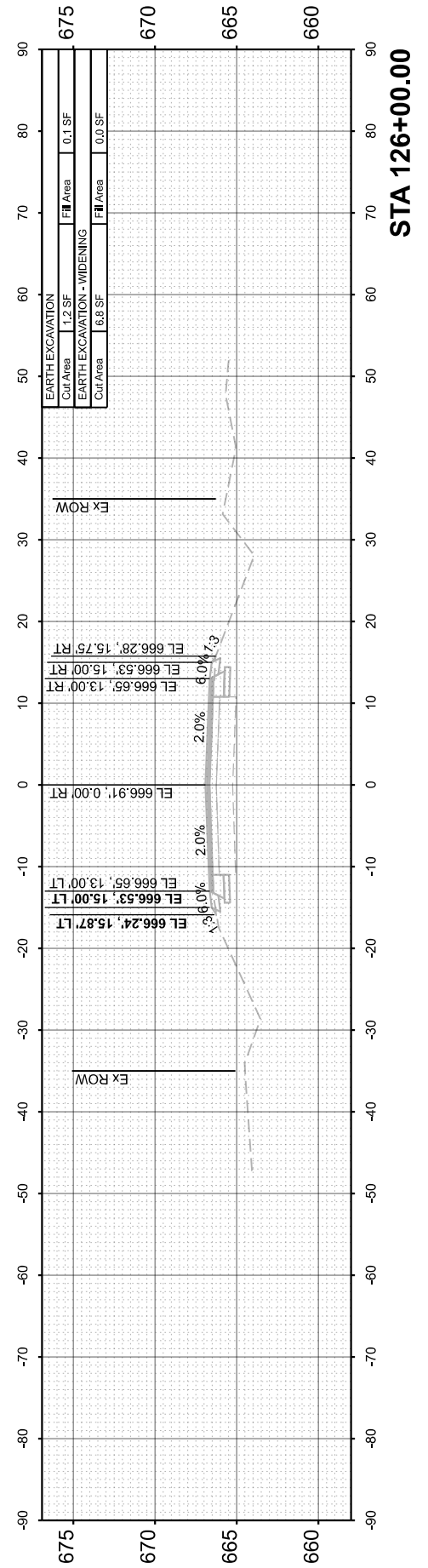
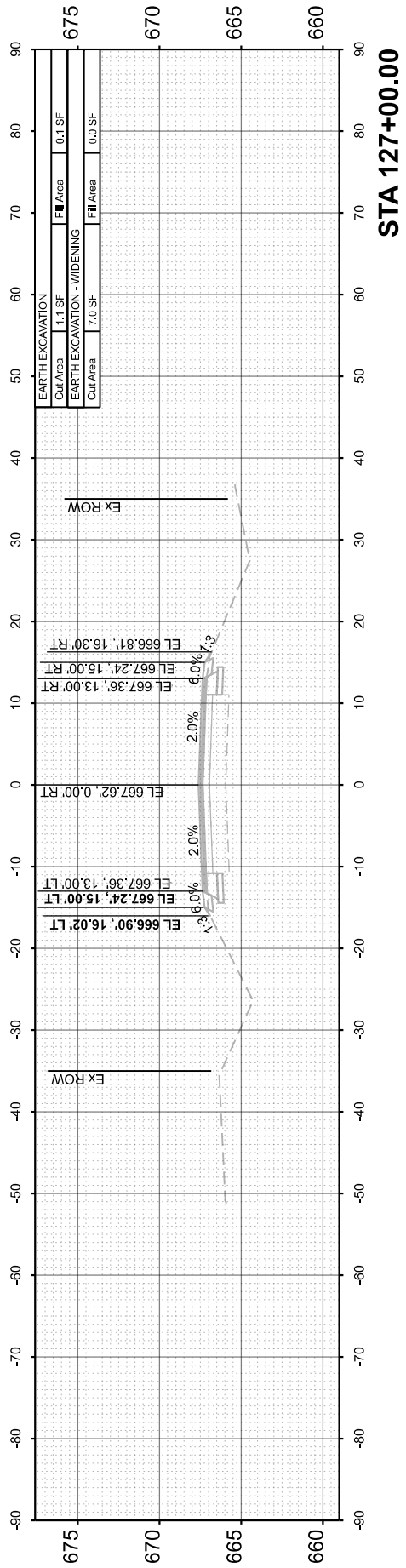
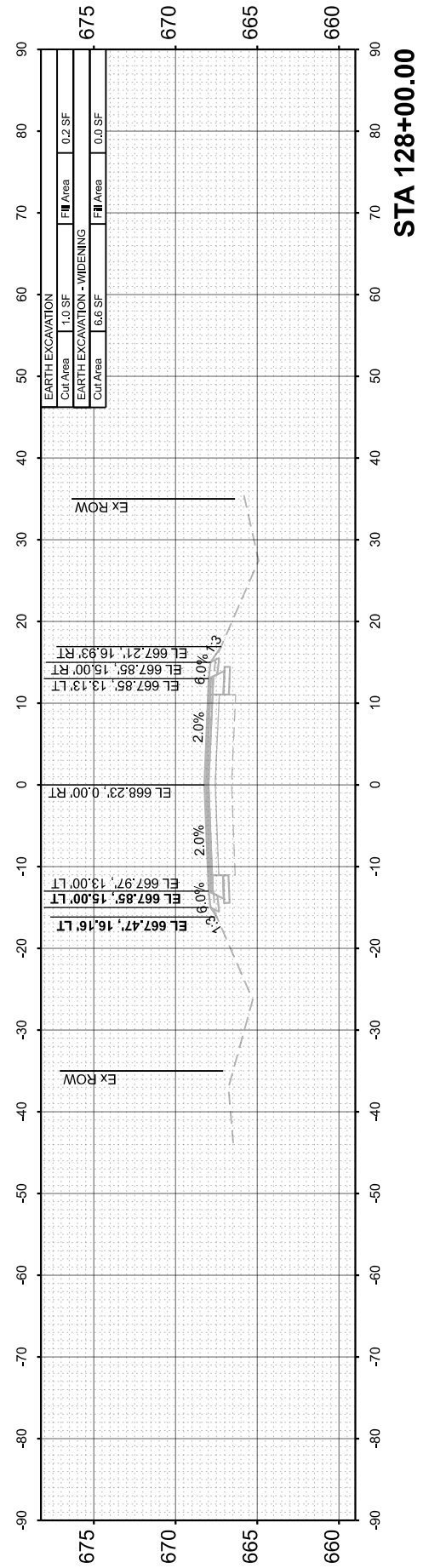
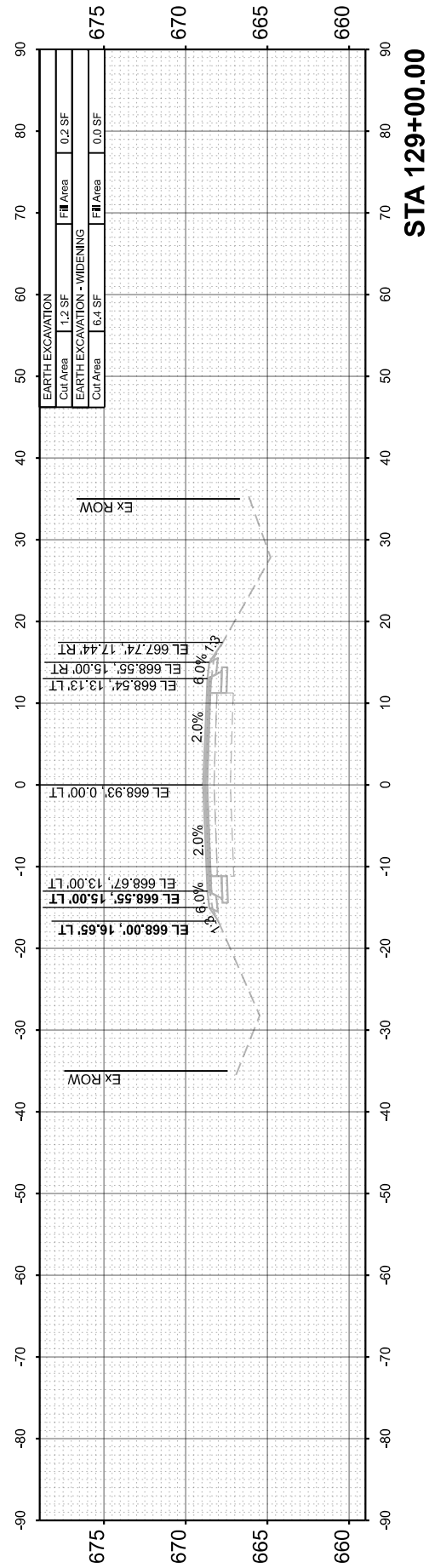
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**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

**CH 15 (E 22nd RD)
 CROSS SECTIONS**

SCALE: H=10 V=5 SHEET 7 OF 118 SHEETS STA. 125+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
288	15-00351-00-WR	LASALLE	236	125
CONTRACT NO. 87801				
ILLINOIS		FED. AID PROJECT		



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

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

MODEL: EX_CH15 - 130+00.00 [Sheet]
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Hutchison Engineering, Inc.
 Jacksonville - Moline - Peoria - Shorewood
 Since 1945

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		DRAWN	-
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PLOT DATE	= 6/14/2023	DATE	-

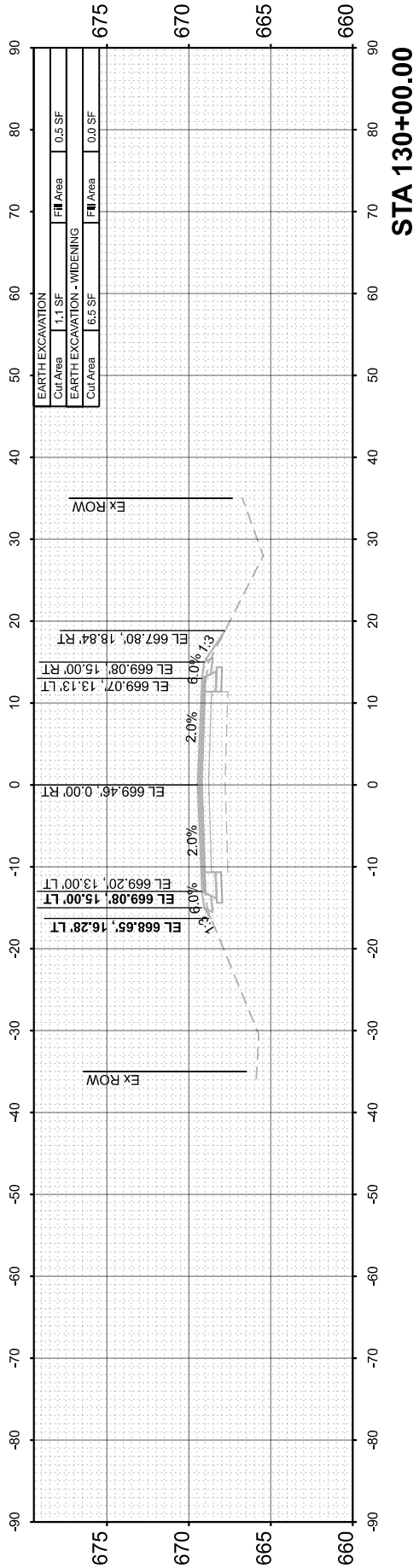
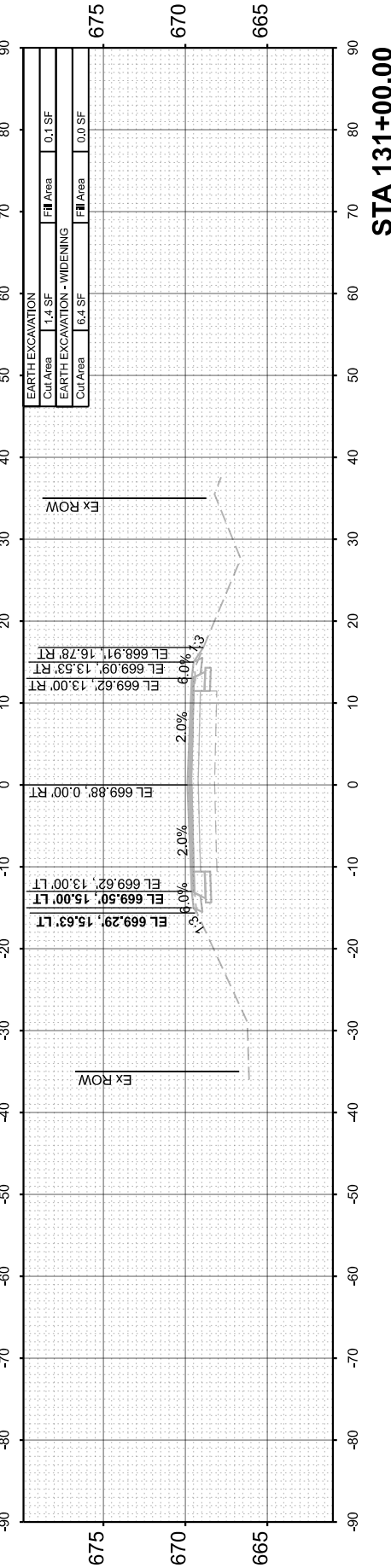
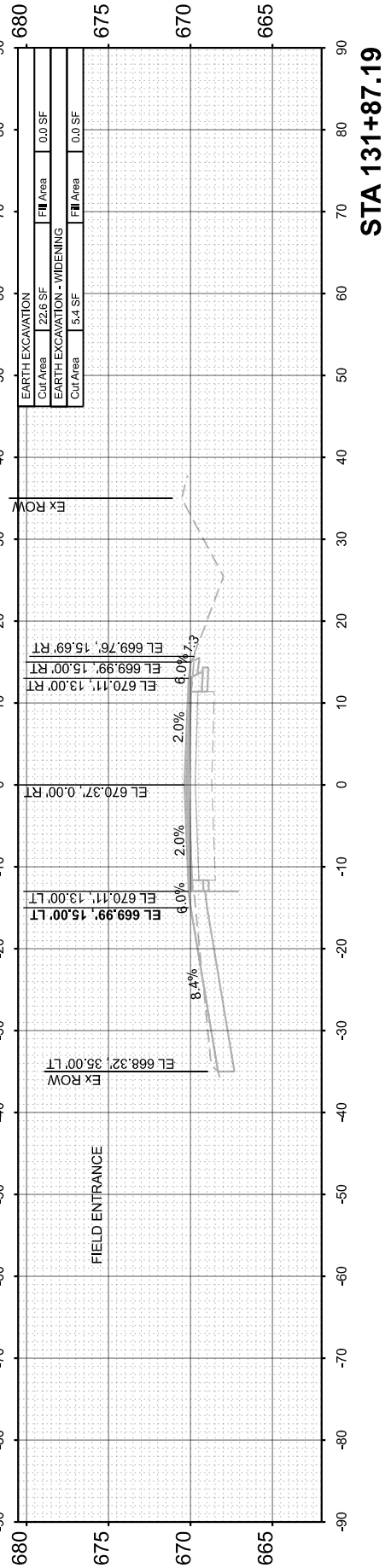
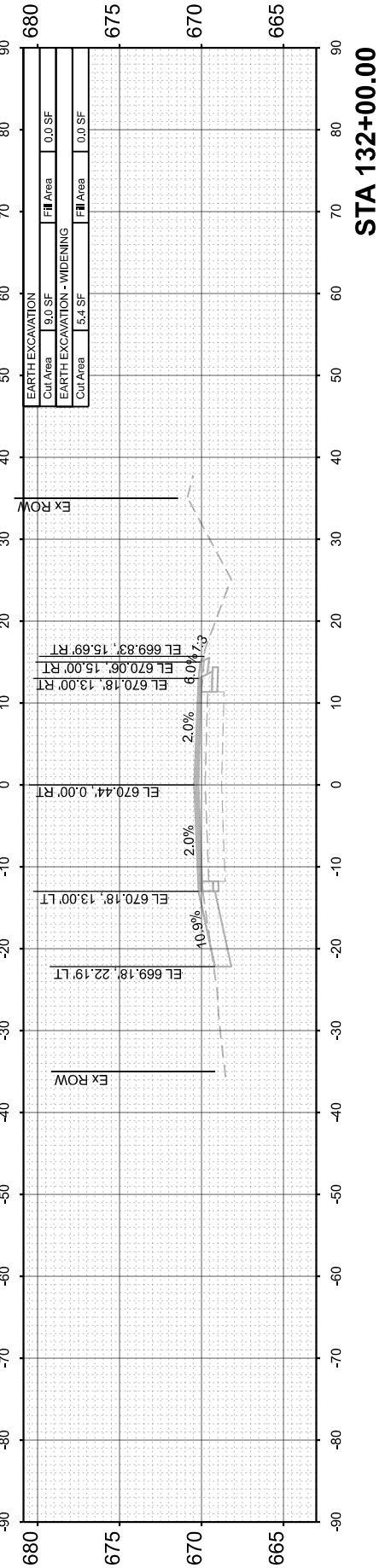
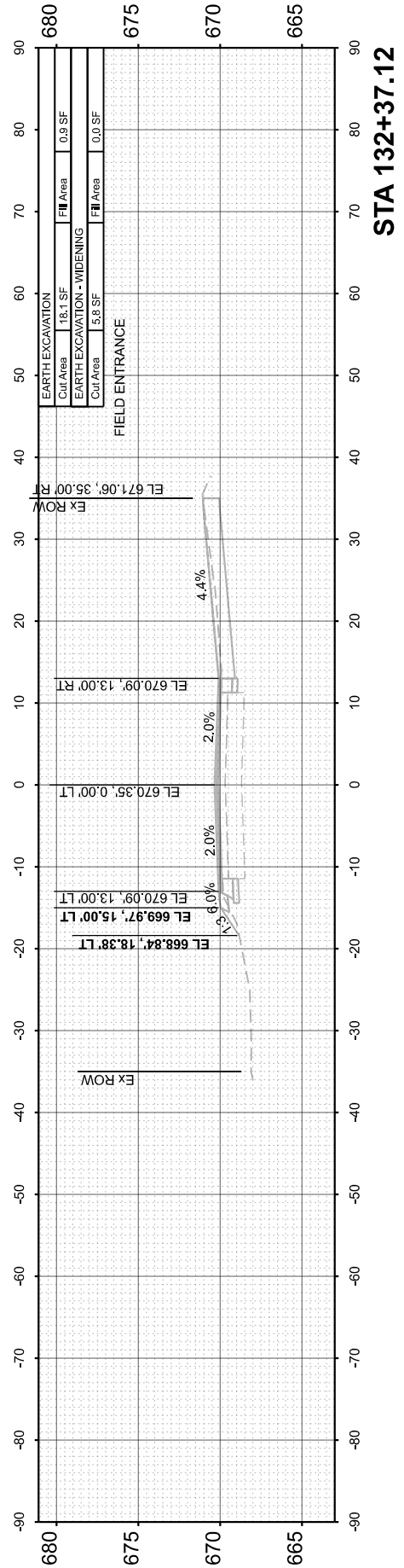
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**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

SCALE: H=10 V=5 SHEET 8 OF 118 SHEETS STA. 130+00.00

**CH 15 (E 22nd RD)
 CROSS SECTIONS**

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
288	15-00351-00-WR	LASALLE	236	126
CONTRACT NO. 87801				
ILLINOIS		FED. AID PROJECT		



FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

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Hutchinson Engineering, Inc.
 Jacksonville - Moline - Peoria - Shorewood
 Since 1945

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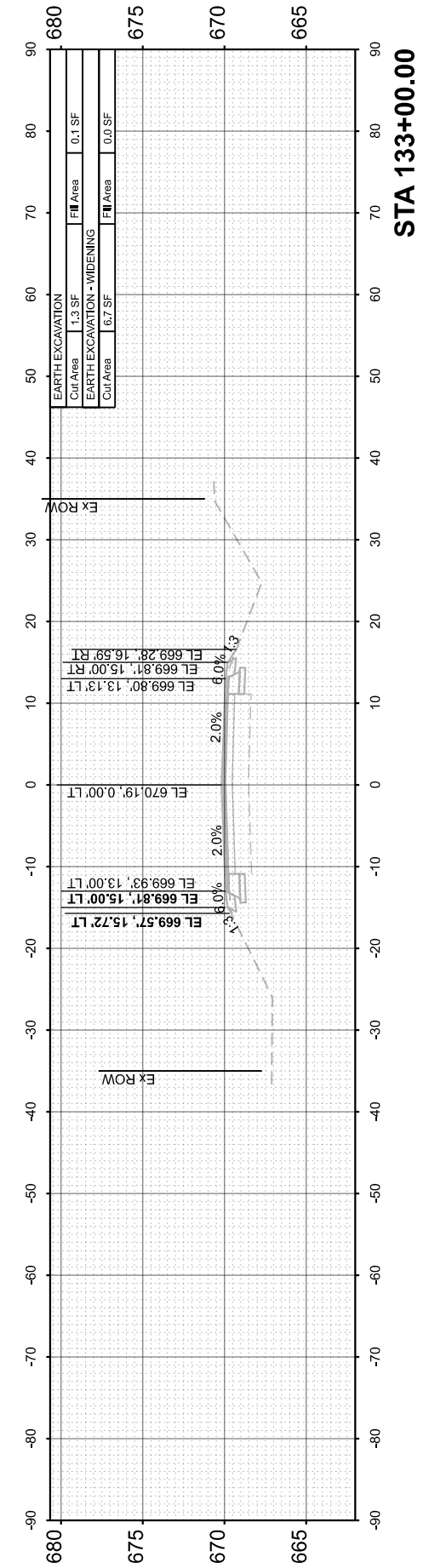
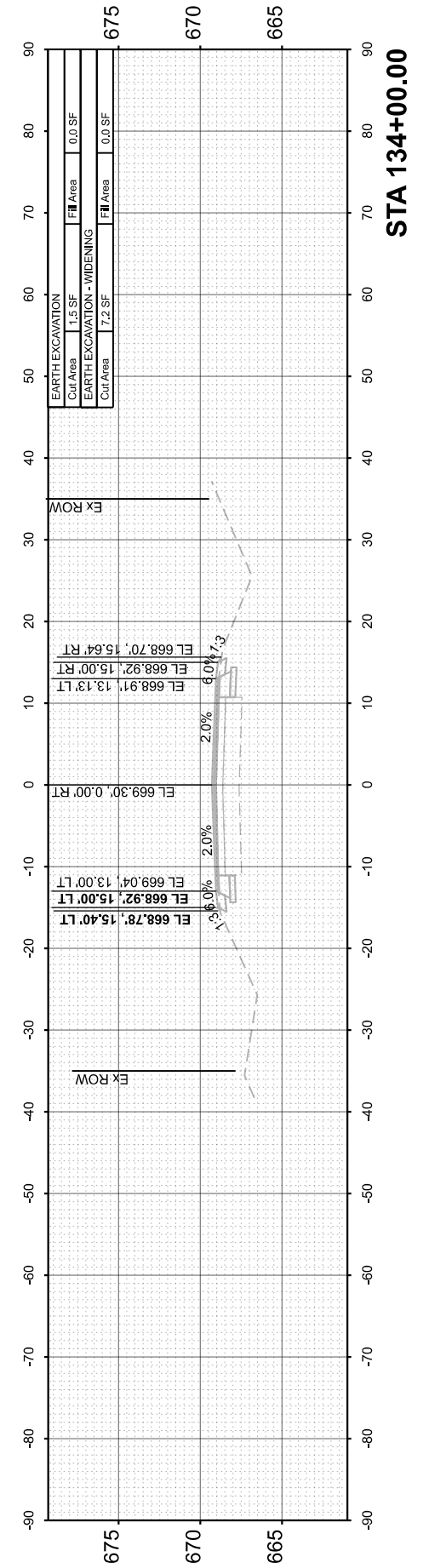
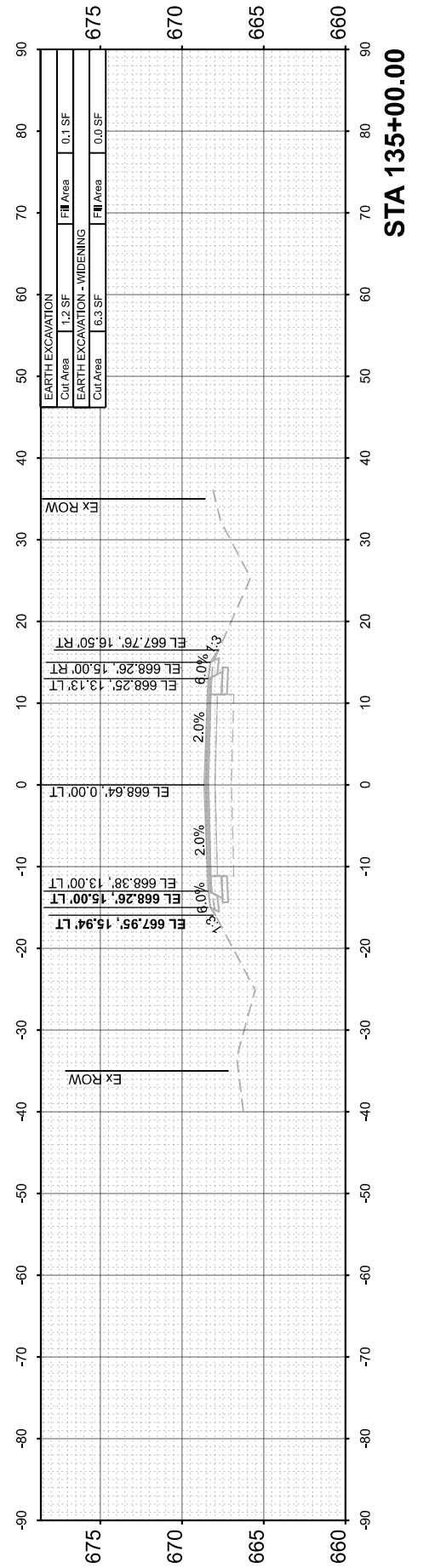
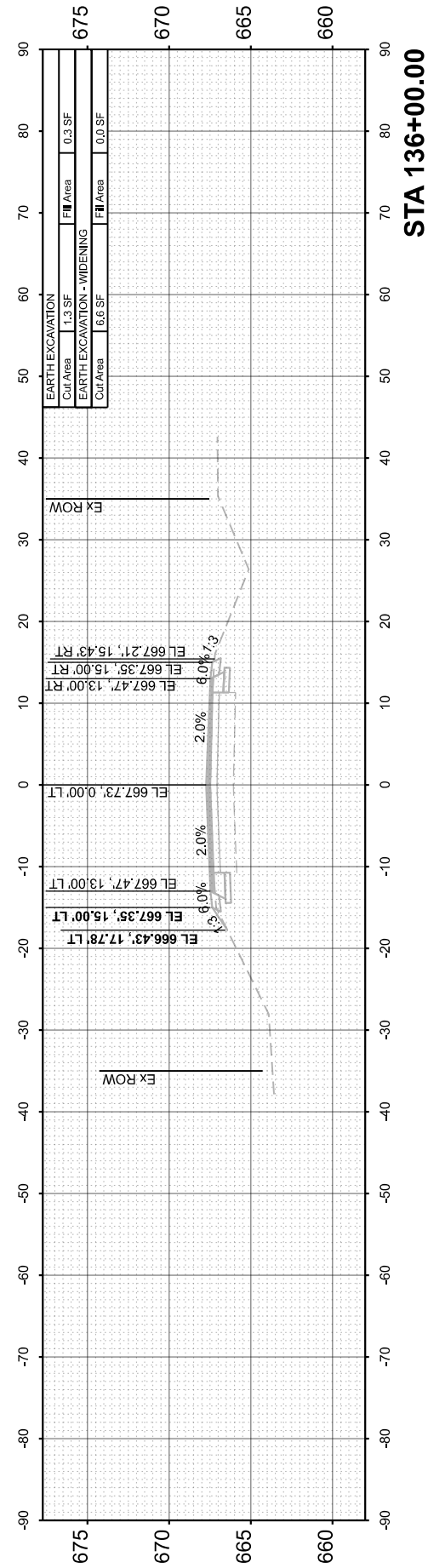
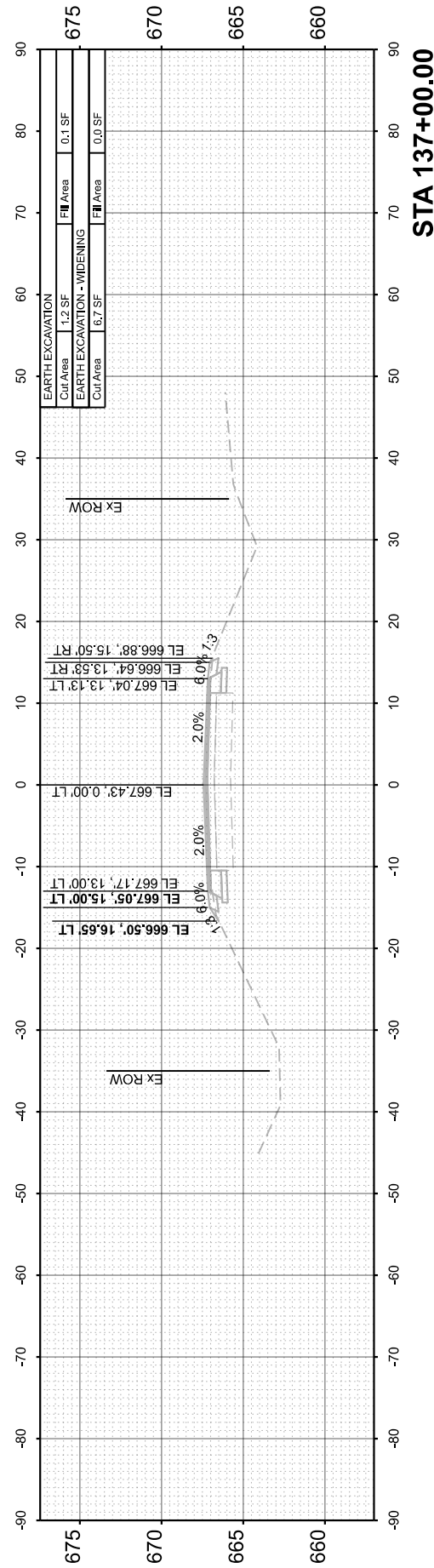
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**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

**CH 15 (E 22nd RD)
 CROSS SECTIONS**

SCALE: H=10 V=5 SHEET 9 OF 118 SHEETS STA. 133+00.00

F.A.S. RTE. 288	SECTION 15-00351-00-WR	COUNTY LASALLE	TOTAL SHEETS 236	SHEET NO. 127
CONTRACT NO. 87801			ILLINOIS FED. AID PROJECT	



FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

MODEL: EX_CH15 - 138+00.00 (Sheet)
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Hutchison Engineering, Inc.
 Jacksonville - Moline - Peoria - Shorewood
 Since 1945

USER NAME	= BDeCrane
DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-
PLOT SCALE	= 0.16666633' / in.
PLOT DATE	= 6/14/2023

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

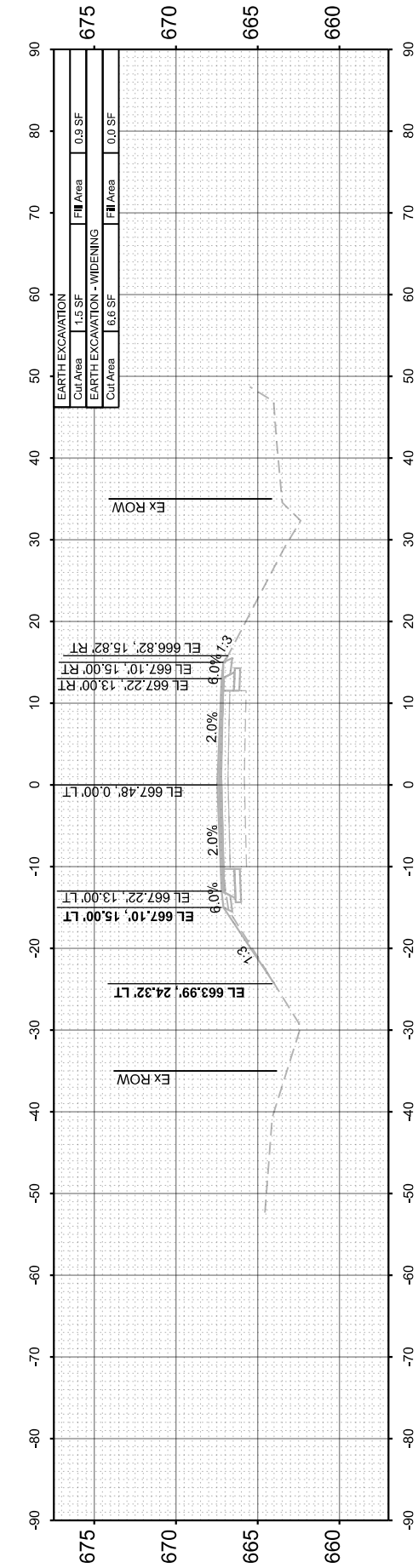
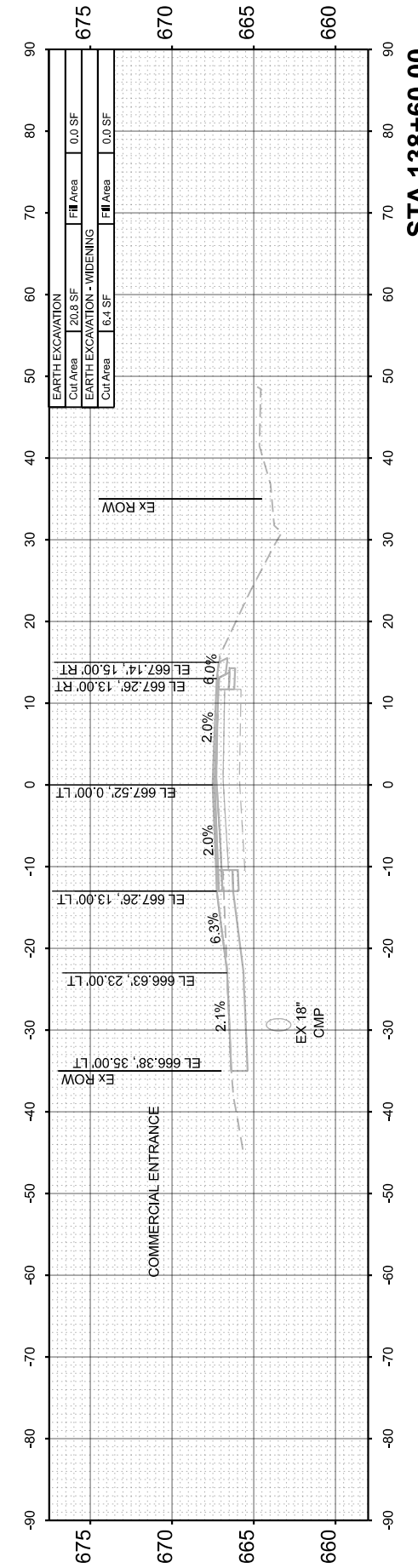
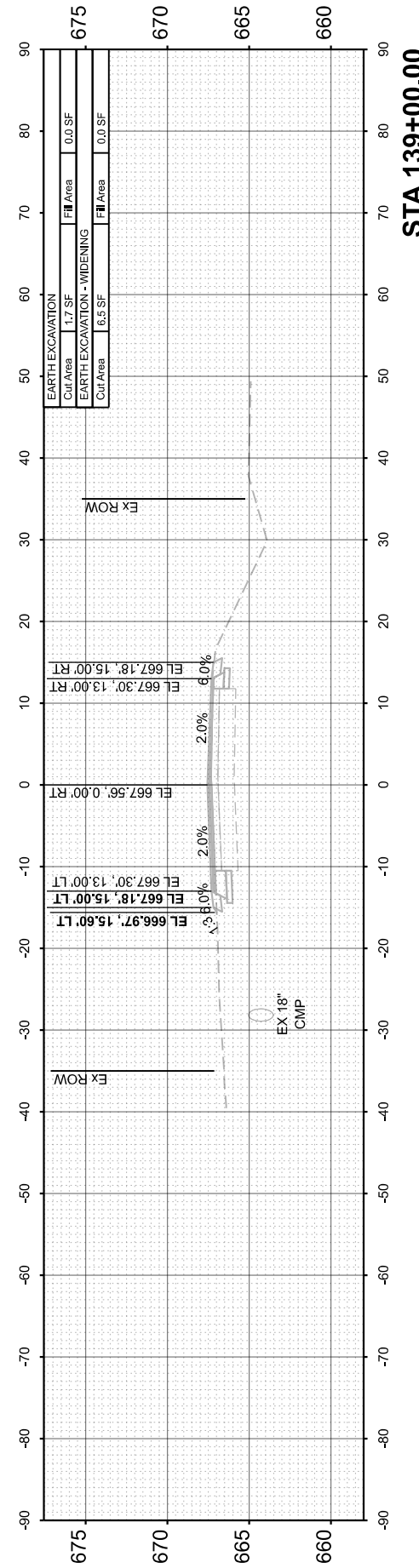
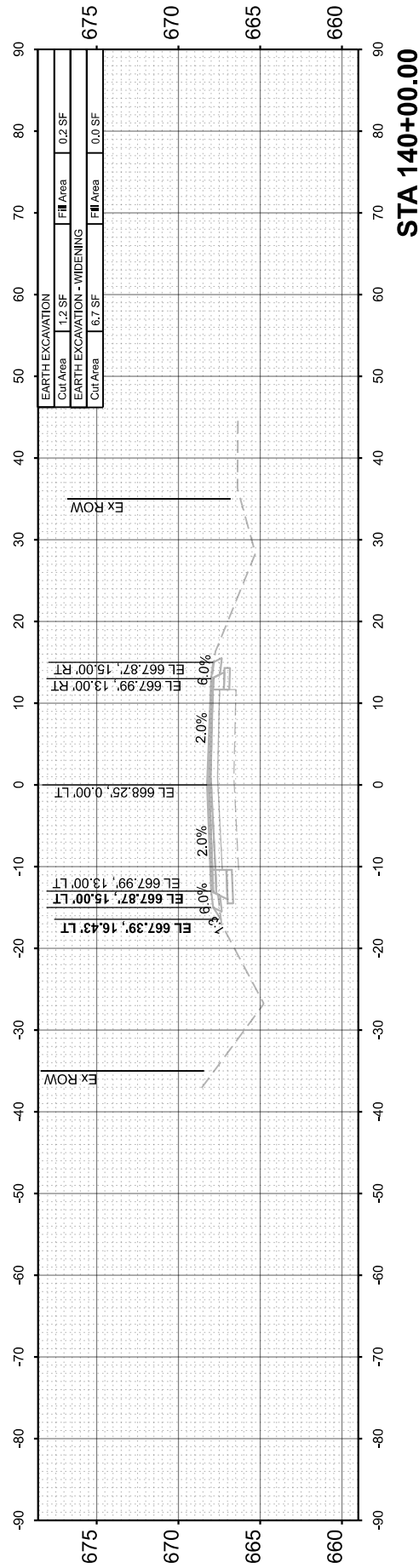
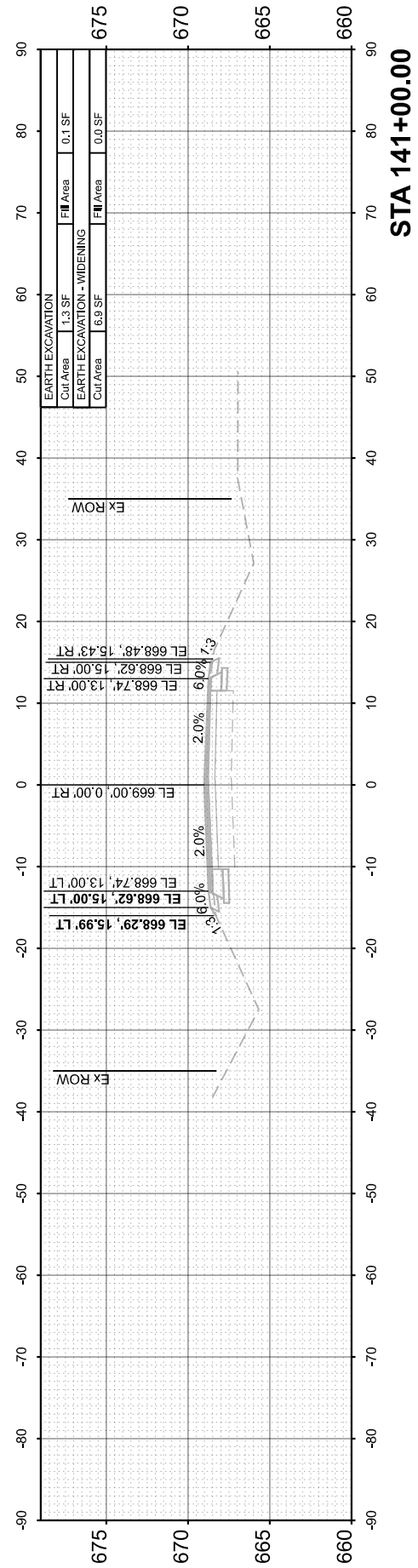
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**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

**CH 15 (E 22nd RD)
 CROSS SECTIONS**

SCALE: H=10 V=5 SHEET 10 OF 118 SHEETS STA. 138+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
288	15-00351-00-WR	LASALLE	236	128
				CONTRACT NO. 87801
		ILLINOIS	FED. AID PROJECT	



FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

MODEL: EX_CH15 - 142+00.00 [Sheet]
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Hutchison Engineering, Inc.
 Jacksonville - Moline - Peoria - Shorewood
 Since 1945

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PLOT DATE = 6/14/2023	CHECKED -
	DATE -

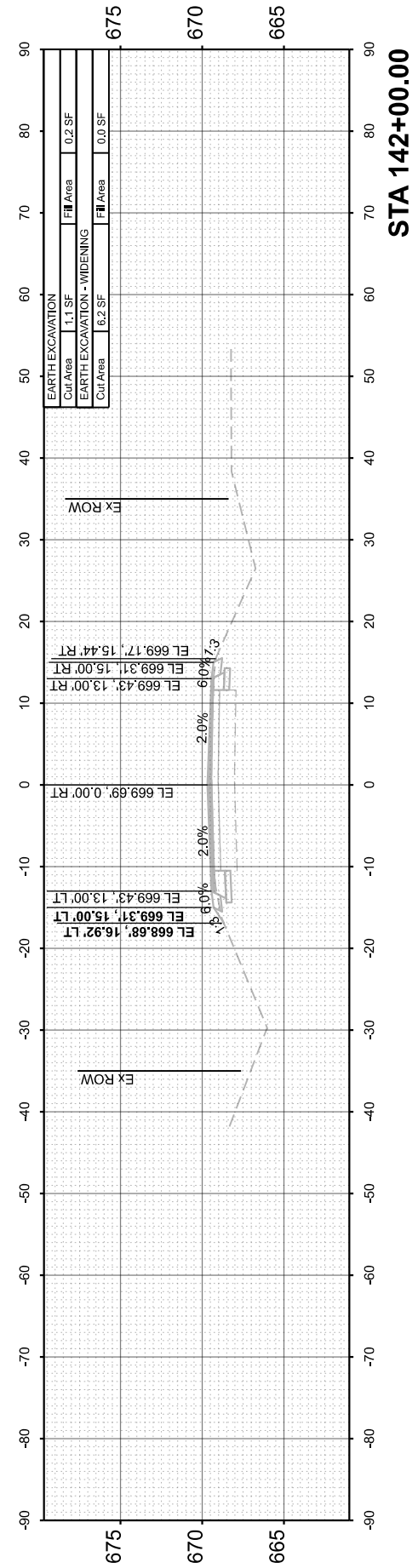
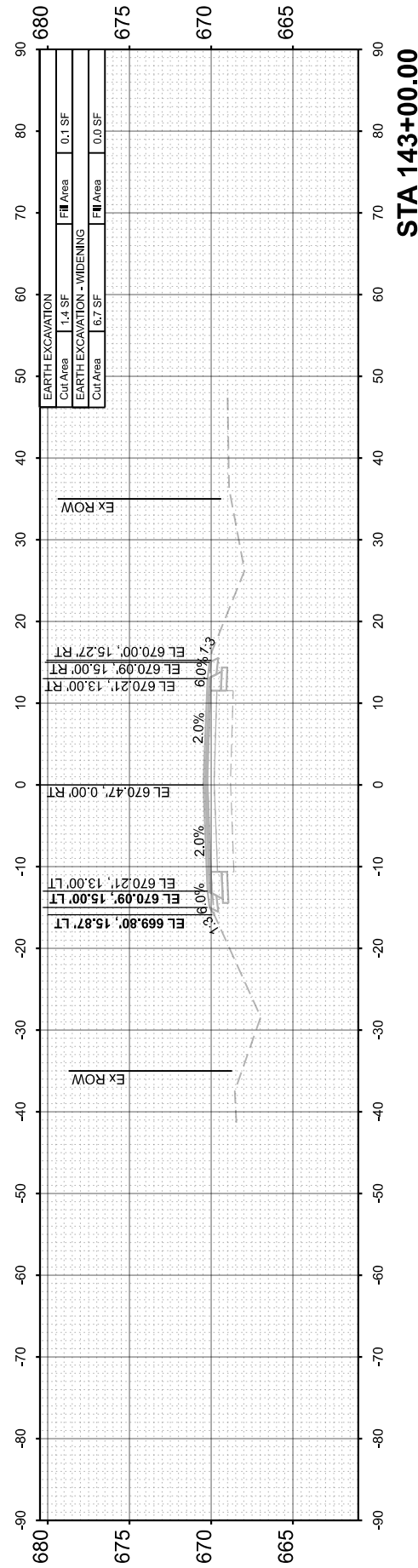
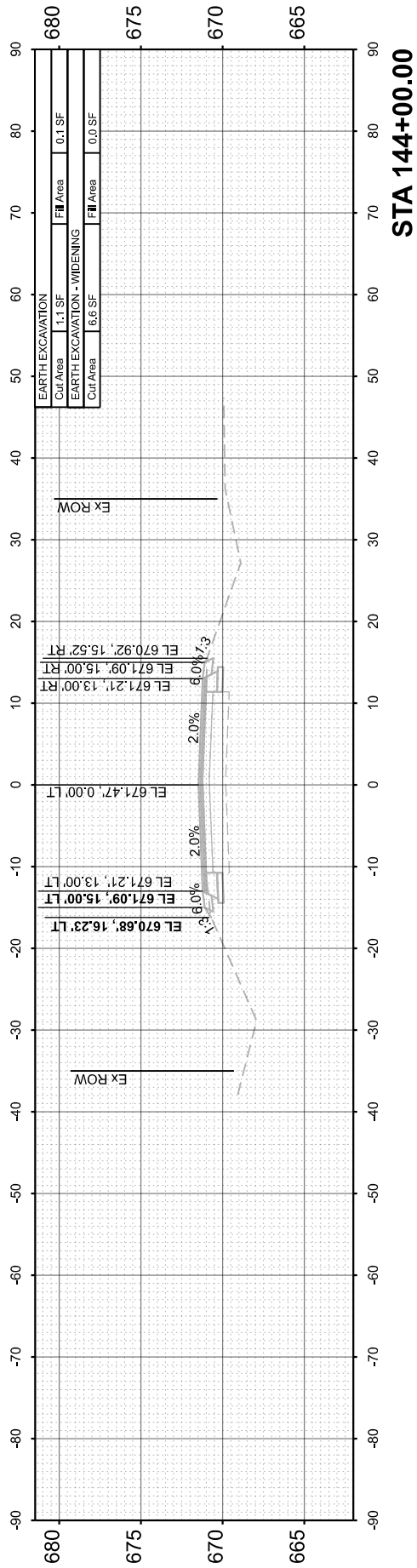
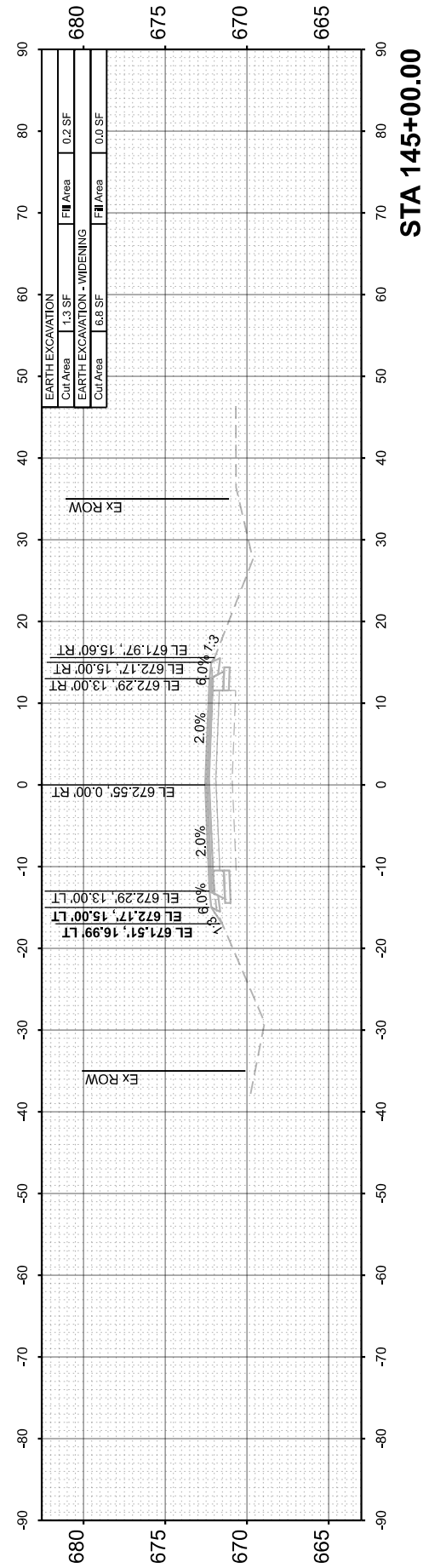
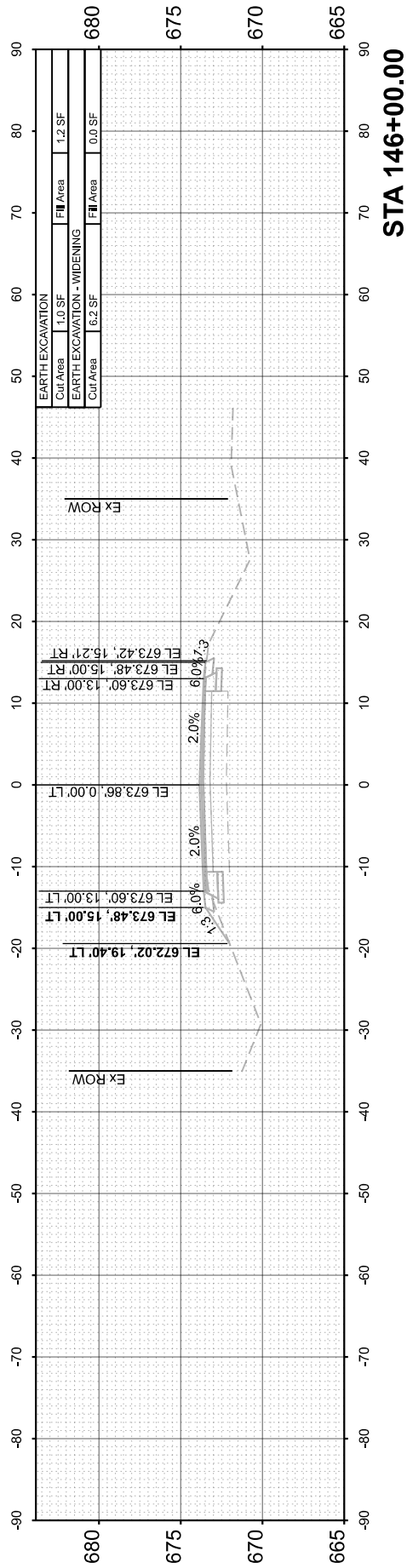
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**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

SCALE: H=10 V=5 SHEET 11 OF 118 SHEETS STA. 142+00.00

**CH 15 (E 22nd RD)
 CROSS SECTIONS**

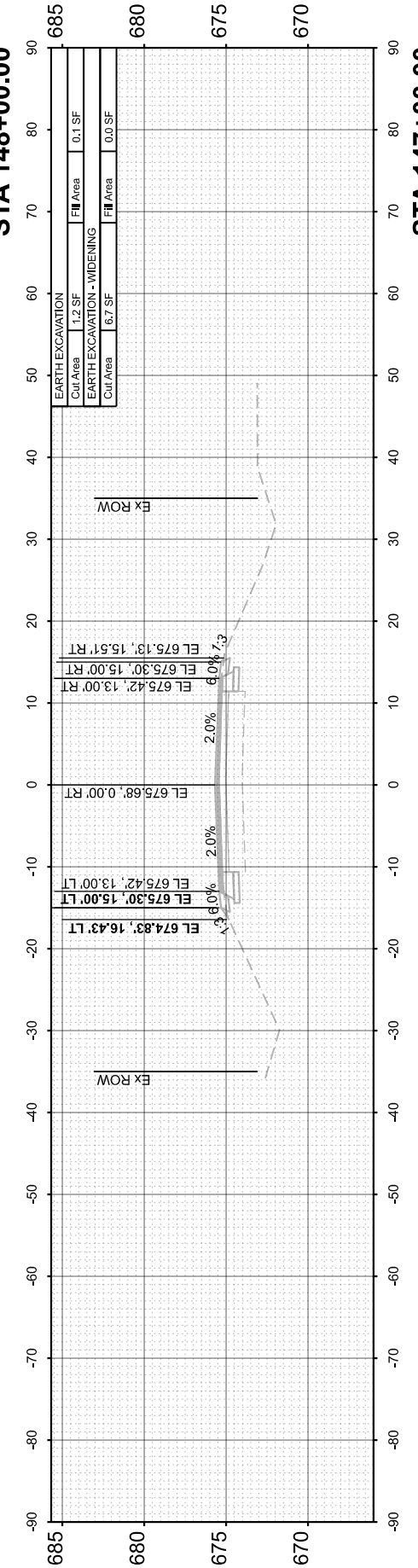
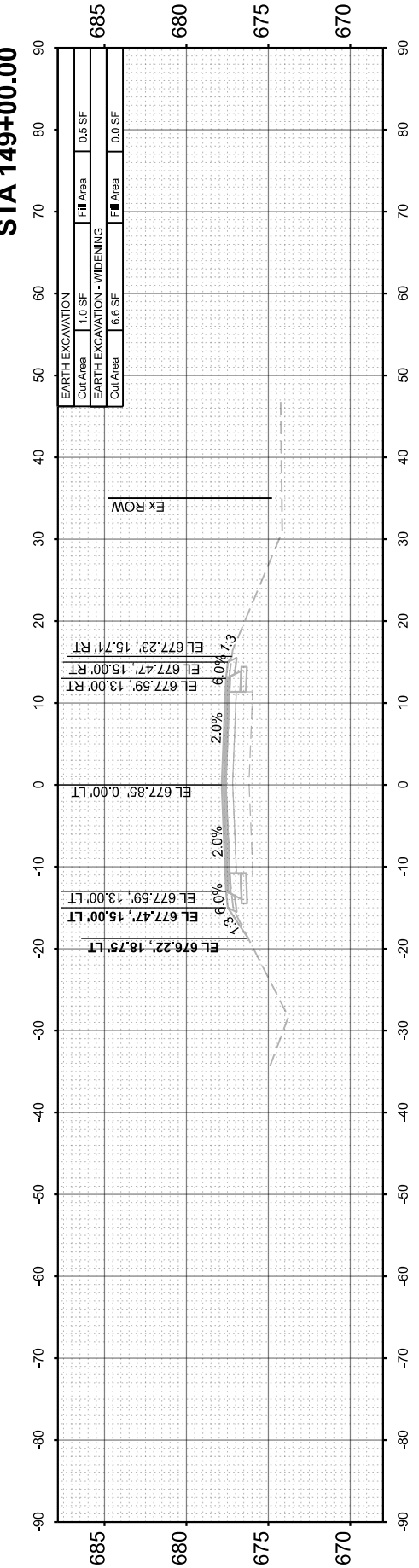
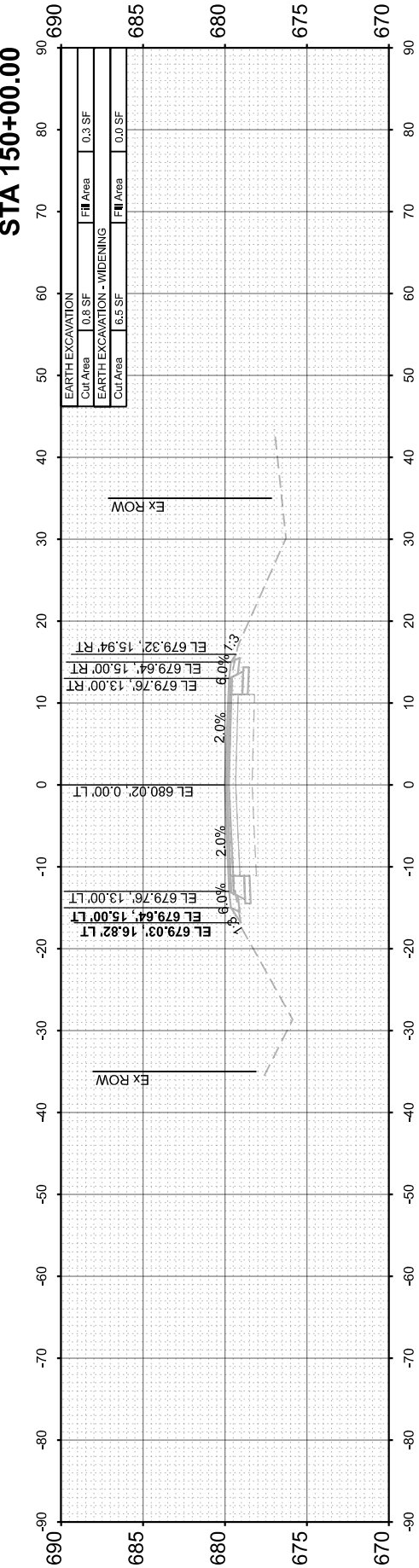
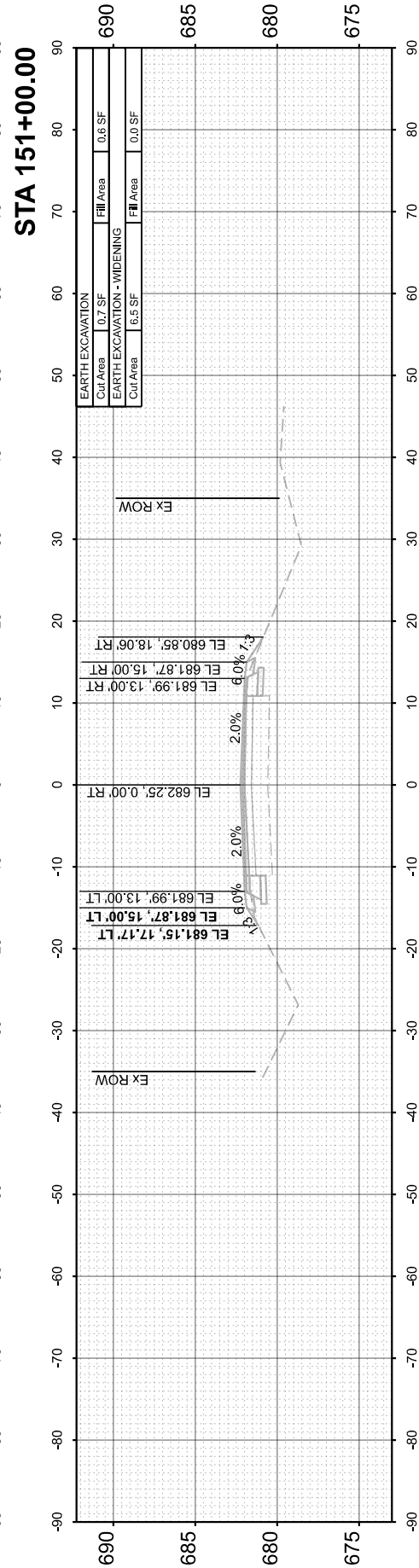
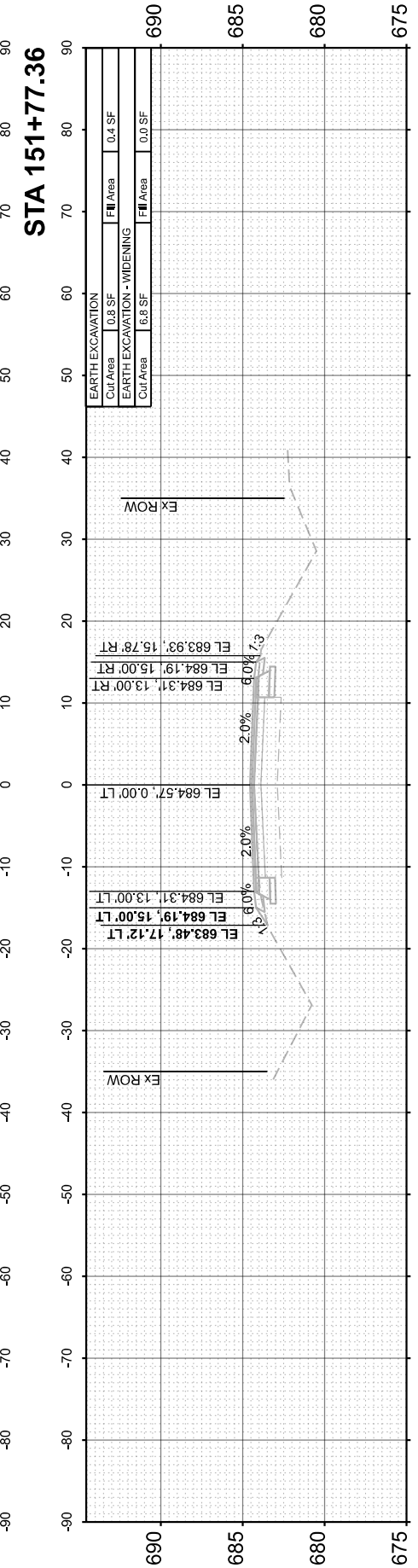
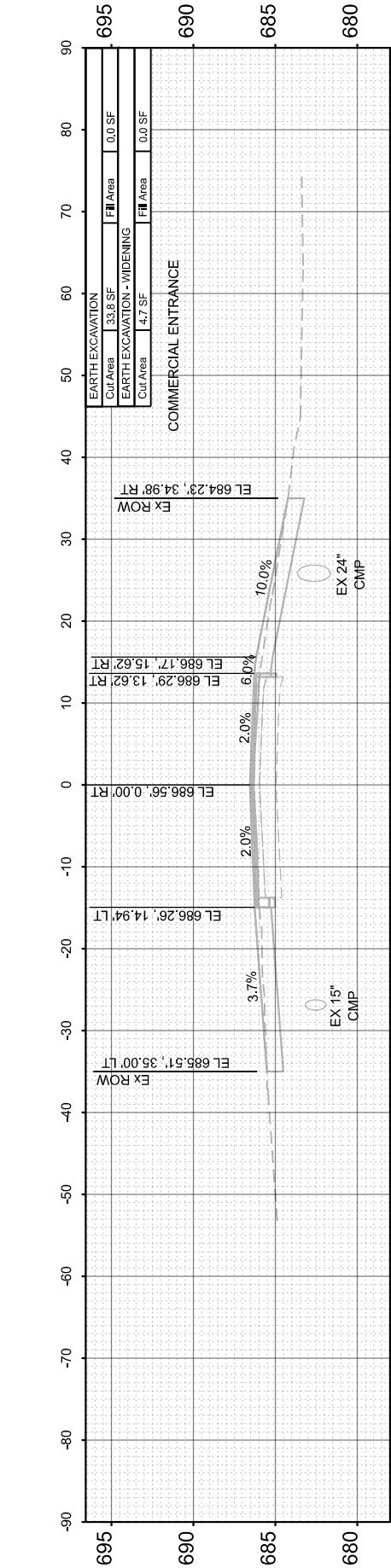
F.A.S. RTE. 288	SECTION 15-00351-00-WR	COUNTY LASALLE	TOTAL SHEETS 236	SHEET NO. 129
CONTRACT NO. 87801			ILLINOIS FED. AID PROJECT	



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

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

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Hutchison Engineering, Inc.
 Jacksonville - Moline - Peoria - Shorewood
 Since 1945

USER NAME	= BDeCrane
PLOT SCALE	= 0.16666633' / in.
PLOT DATE	= 6/14/2023

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

REVISED	-
REVISED	-
REVISED	-
REVISED	-

**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

**CH 15 (E 22nd RD)
 CROSS SECTIONS**

SCALE: H=10 V=5 SHEET 12 OF 118 SHEETS STA. 147+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
288	15-00351-00-WR	LASALLE	236	130
CONTRACT NO. 87801				
ILLINOIS		FED. AID PROJECT		

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

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

MODEL: EX_CH15 - 152+00.00 (Sheet)
 FILE NAME: V35001 - CH15 Design Layout Co/CADD/CADD Sheets/500 - str-cs-cp-1.dgn

Hutchison Engineering, Inc.
 Jacksonville - Moline - Peoria - Shorewood
 Since 1945

USER NAME	= BDeCrane
DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-
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PLOT DATE	= 6/14/2023

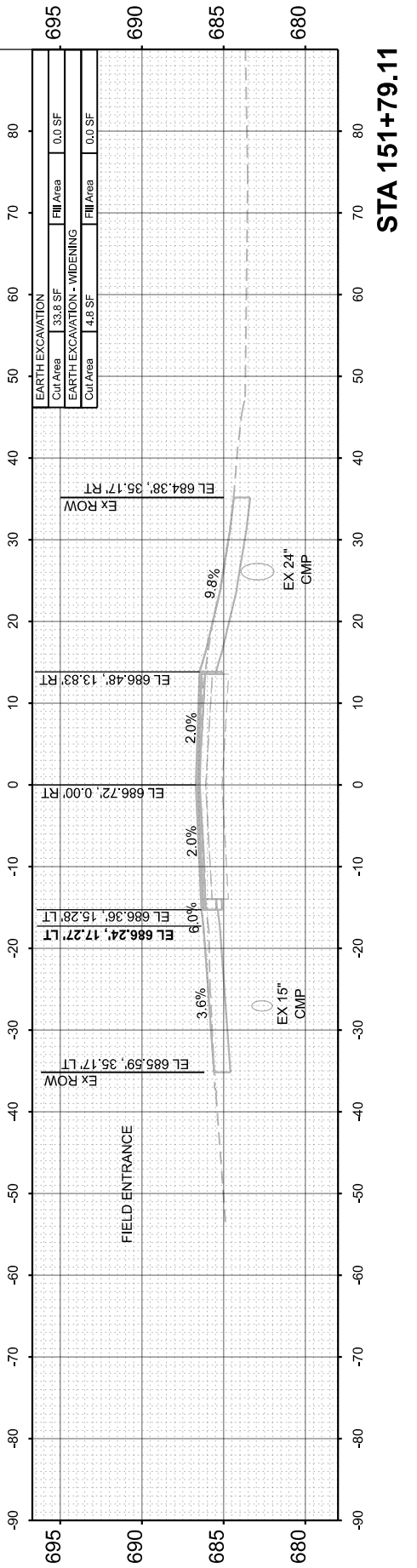
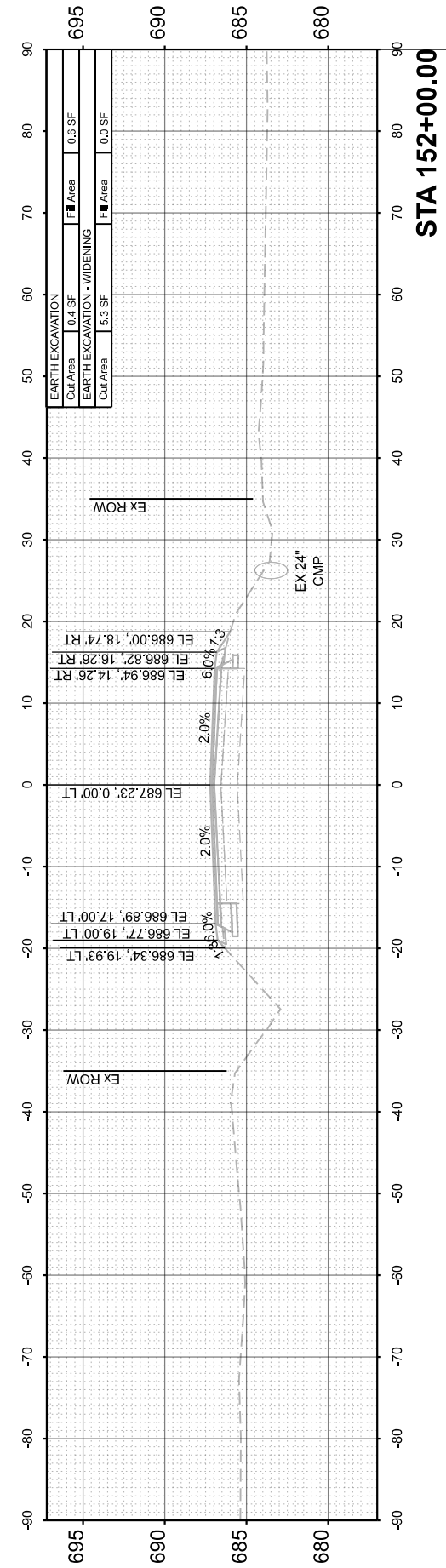
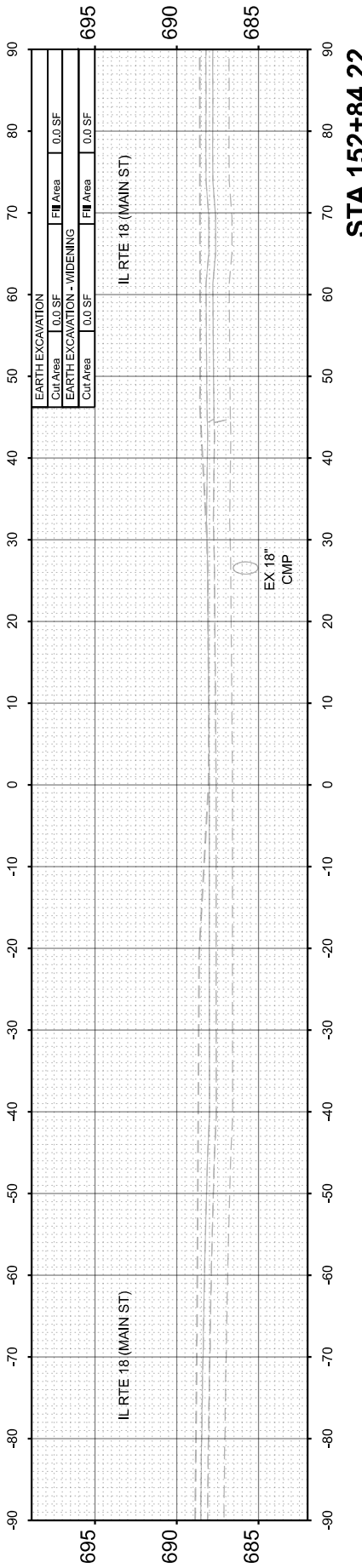
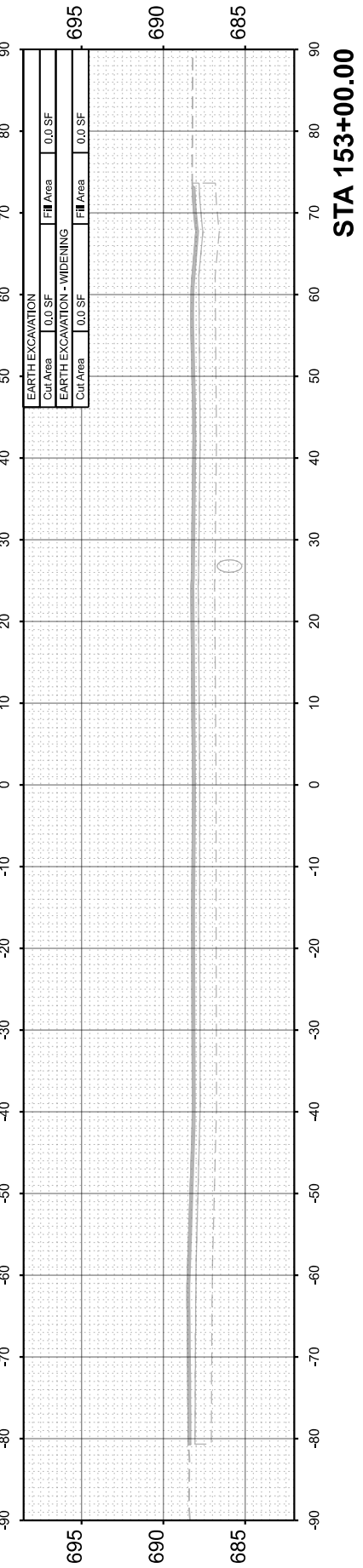
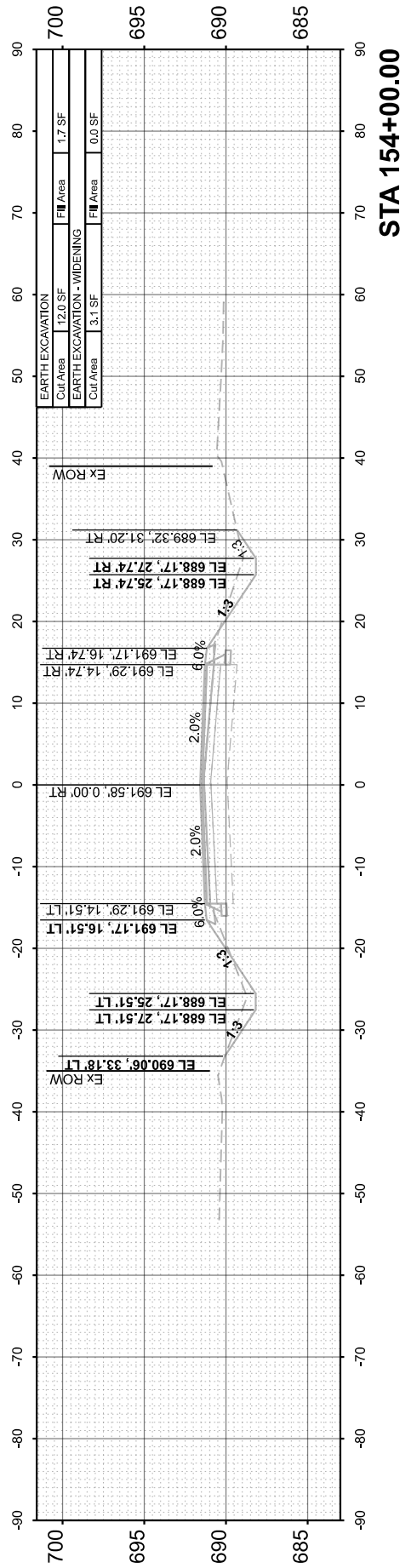
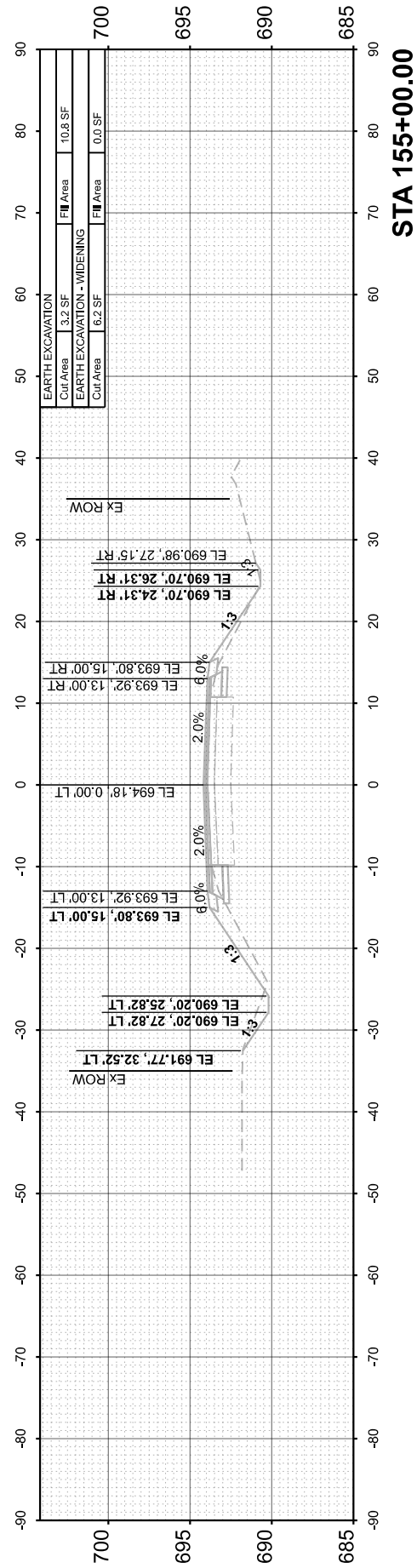
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DRAWN	-
CHECKED	-
DATE	-
REVIS	-
REVIS	-
REVIS	-
REVIS	-

**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

**CH 15 (E 22nd RD)
 CROSS SECTIONS**

SCALE: H=10 V=5 SHEET 13 OF 118 SHEETS STA. 151+79.11

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
288	15-00351-00-WR	LASALLE	236	131
CONTRACT NO. 87801				
ILLINOIS		FED. AID PROJECT		



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

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

MODEL: EX_CH15 - 156+00.00 (Sheet)
 FILE NAME: V35001 - CH15 Design Layout Co/CADD/CADD Sheets/501-210222-02-1.dgn

Hutchison Engineering, Inc.
 Jacksonville - Moline - Peoria - Shorewood
 Since 1945

USER NAME	= BDeCrane
DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-
PLOT SCALE	= 0.16666633'' in.
PLOT DATE	= 6/14/2023

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

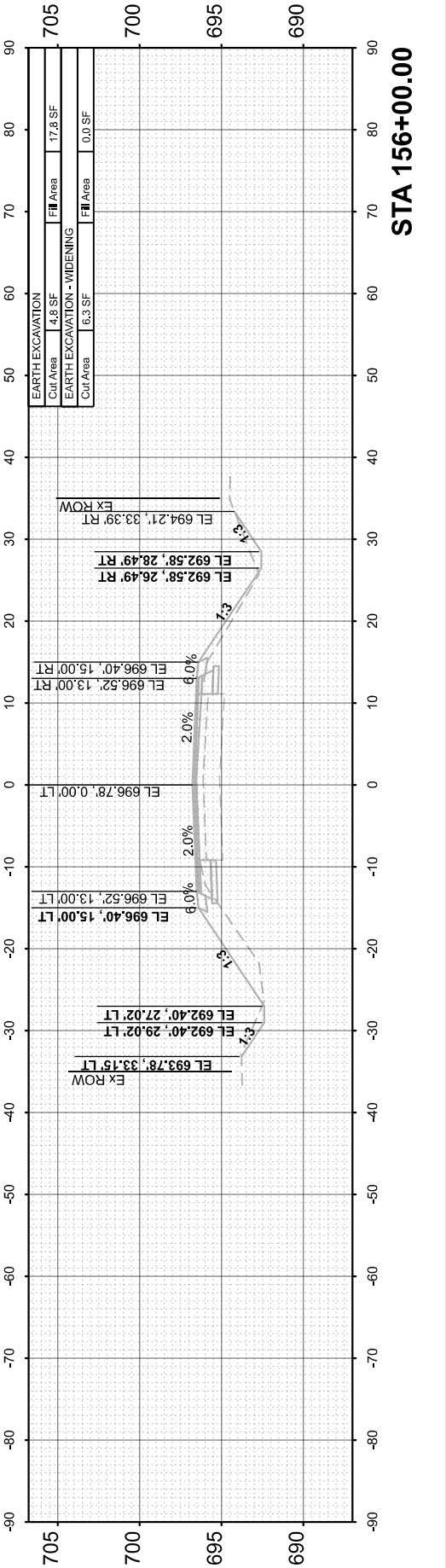
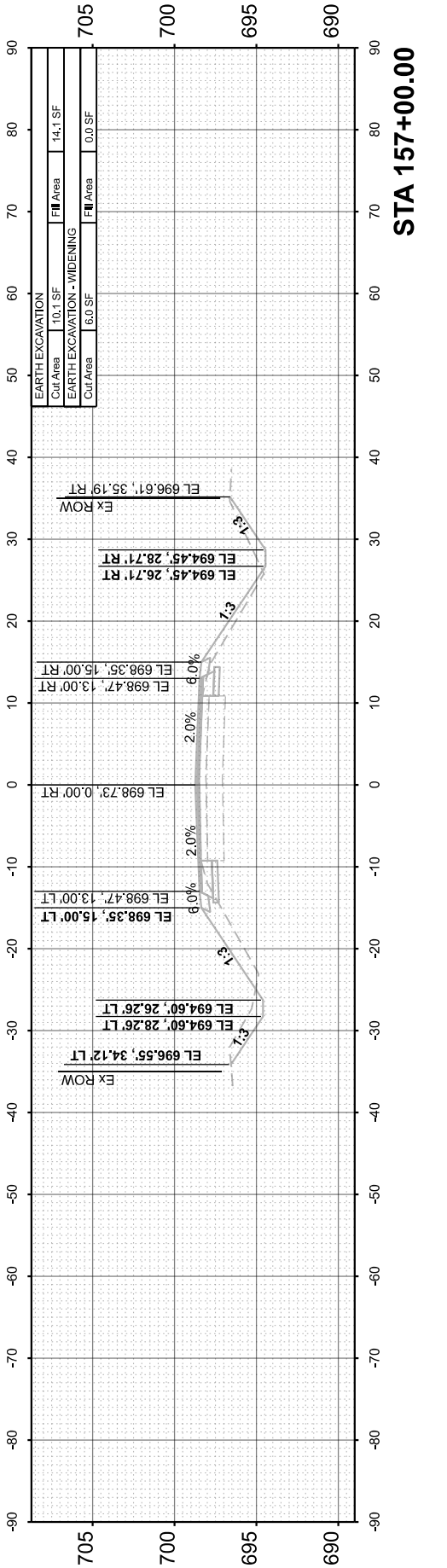
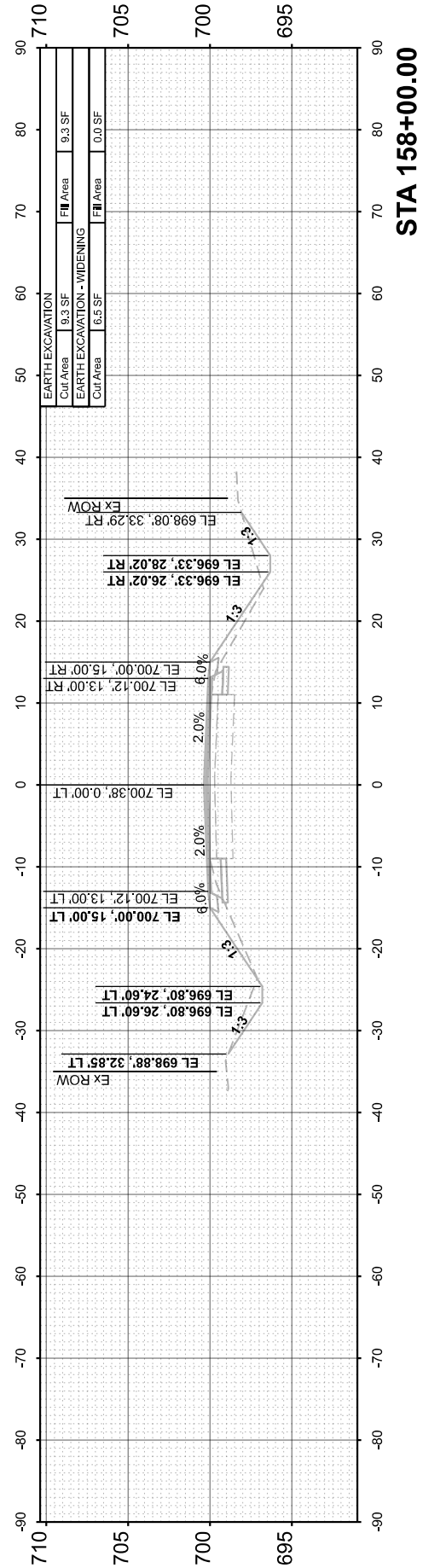
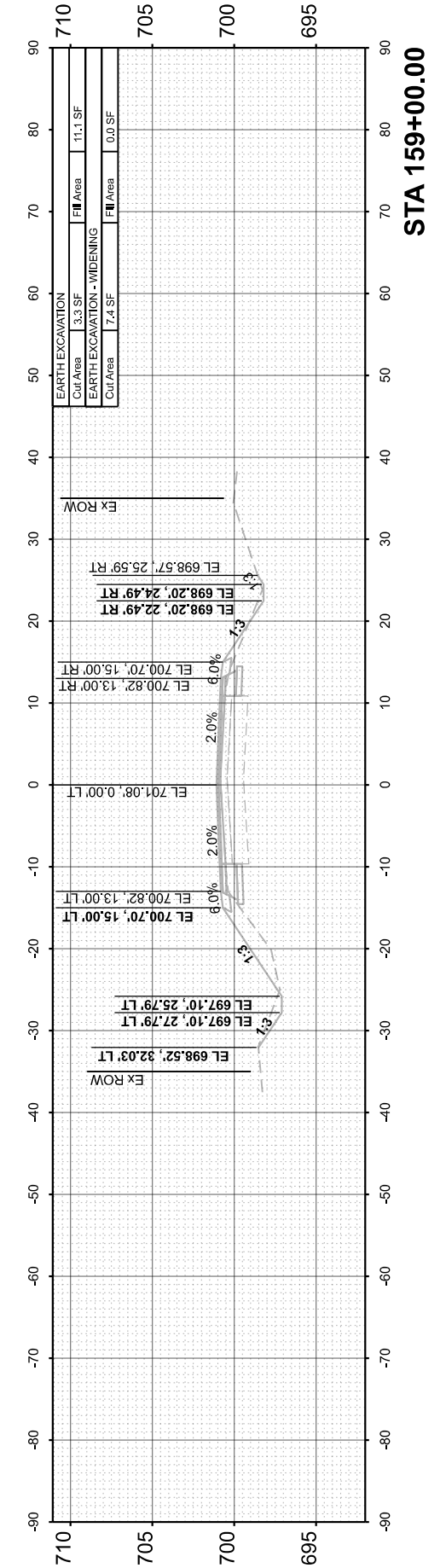
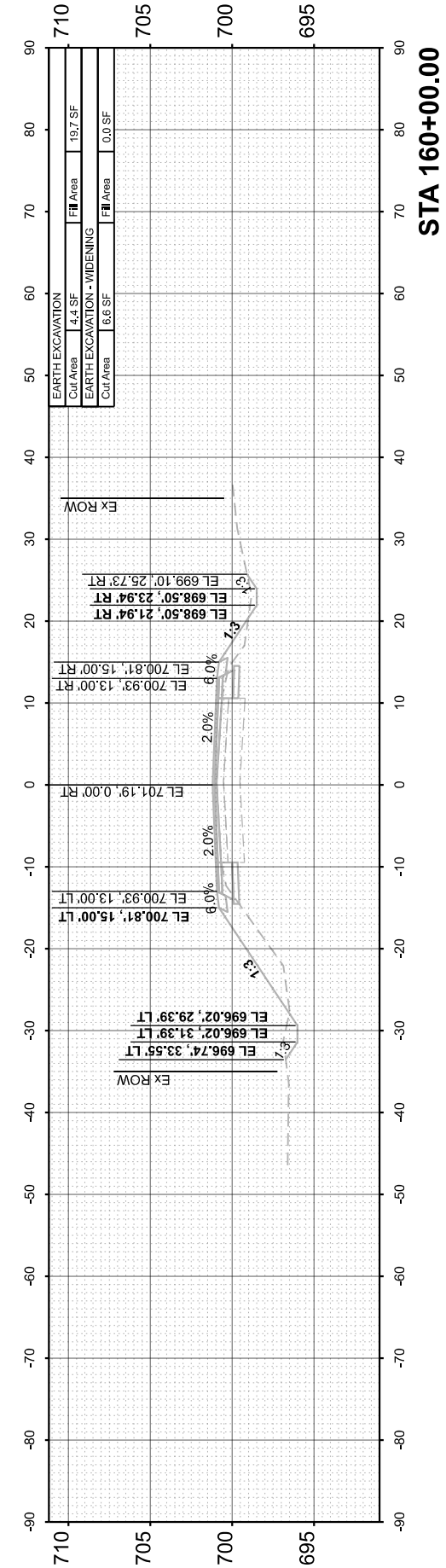
REVISED	-
REVISED	-
REVISED	-
REVISED	-

**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

SCALE: H=10 V=5 SHEET 14 OF 118 SHEETS STA. 156+00.00

**CH 15 (E 22nd RD)
 CROSS SECTIONS**

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
288	15-00351-00-WR	LASALLE	236	132
ILLINOIS FED. AID PROJECT			CONTRACT NO. 87801	



FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

MODEL: EX_CH15 - 161+00.00 (Sheet)
 FILE NAME: V35001 - CH15 Design Layout - Co/CADD/CADD Sheets/500 - str/csc-cop-1.dgn

Hutchison Engineering, Inc.
 Jacksonville - Moline - Peoria - Shorewood
 Since 1945

USER NAME	= BDcraene
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DRAWN	-
CHECKED	-
DATE	-
PLOT SCALE	= 0.16666633" / in.
PLOT DATE	= 6/14/2023

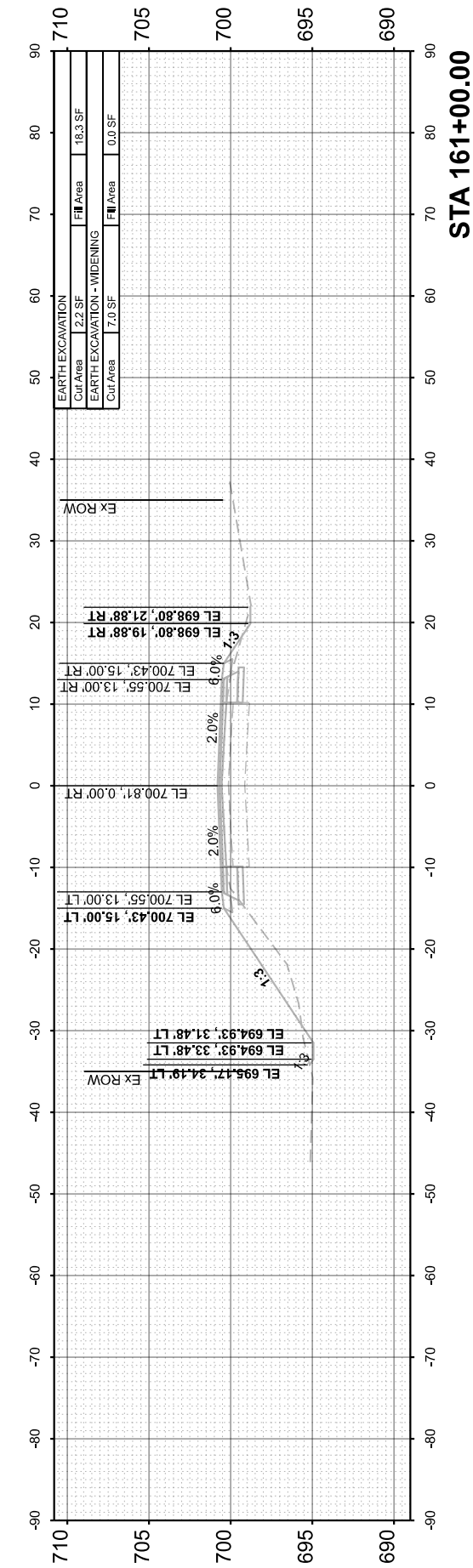
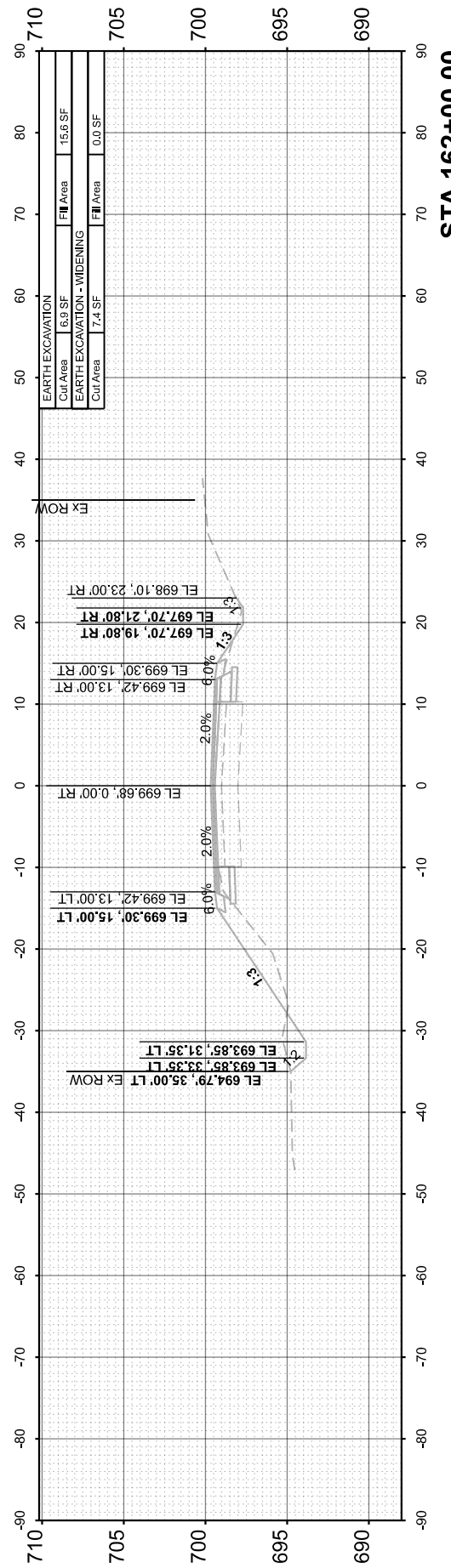
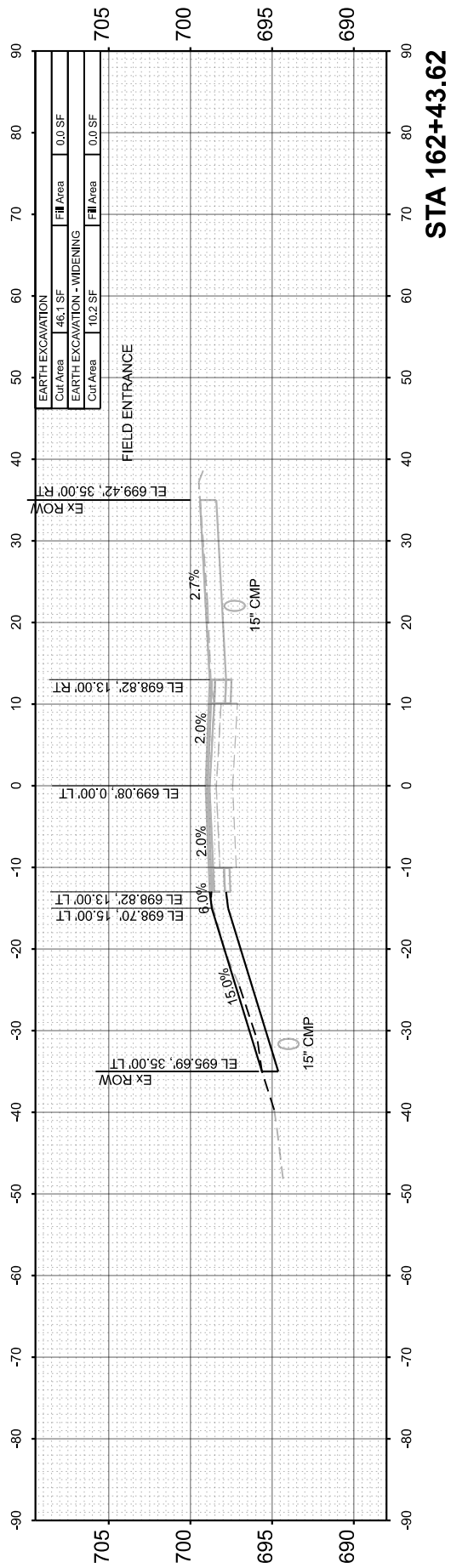
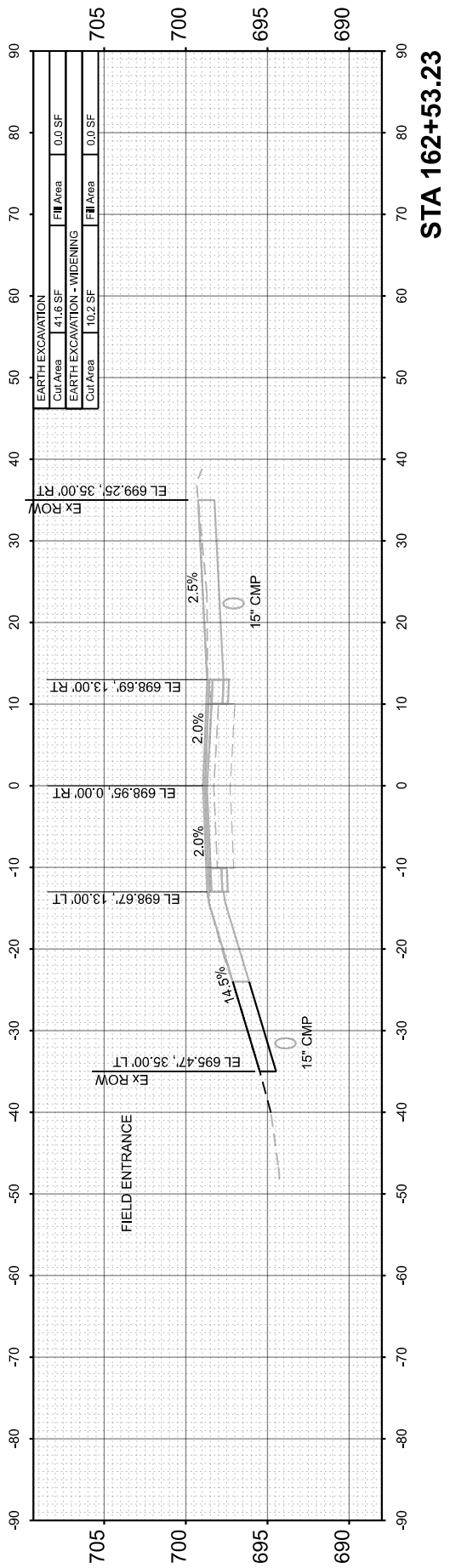
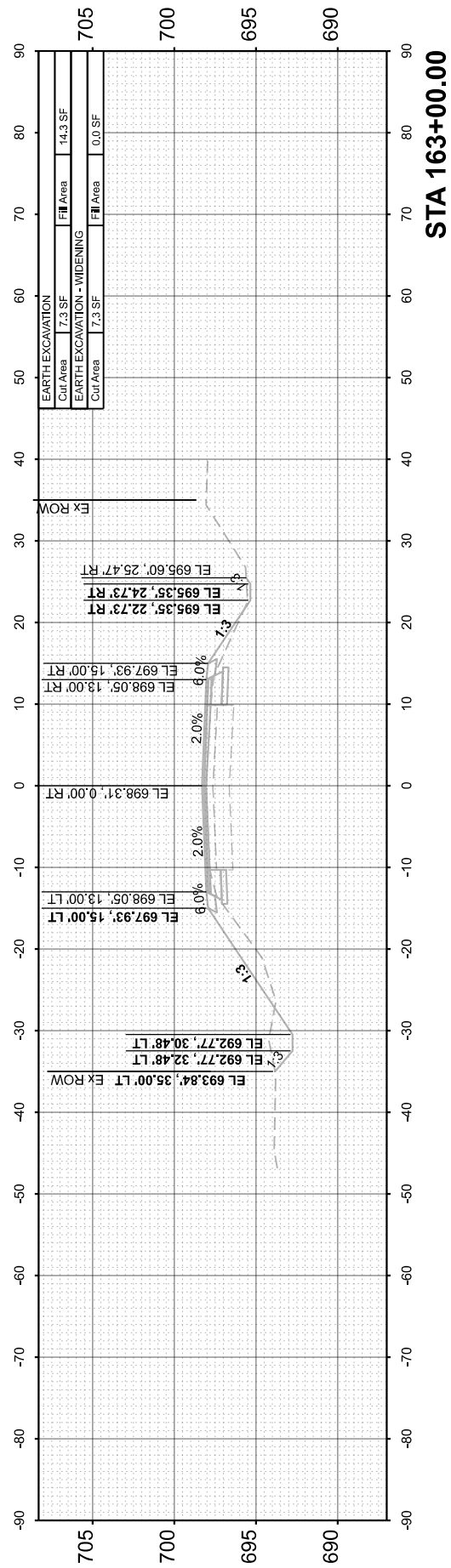
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DRAWN	-
CHECKED	-
DATE	-
REVISED	-
REVISED	-
REVISED	-
REVISED	-

**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

**CH 15 (E 22nd RD)
 CROSS SECTIONS**

SCALE: H=10 V=5 SHEET 15 OF 118 SHEETS STA. 161+00.00

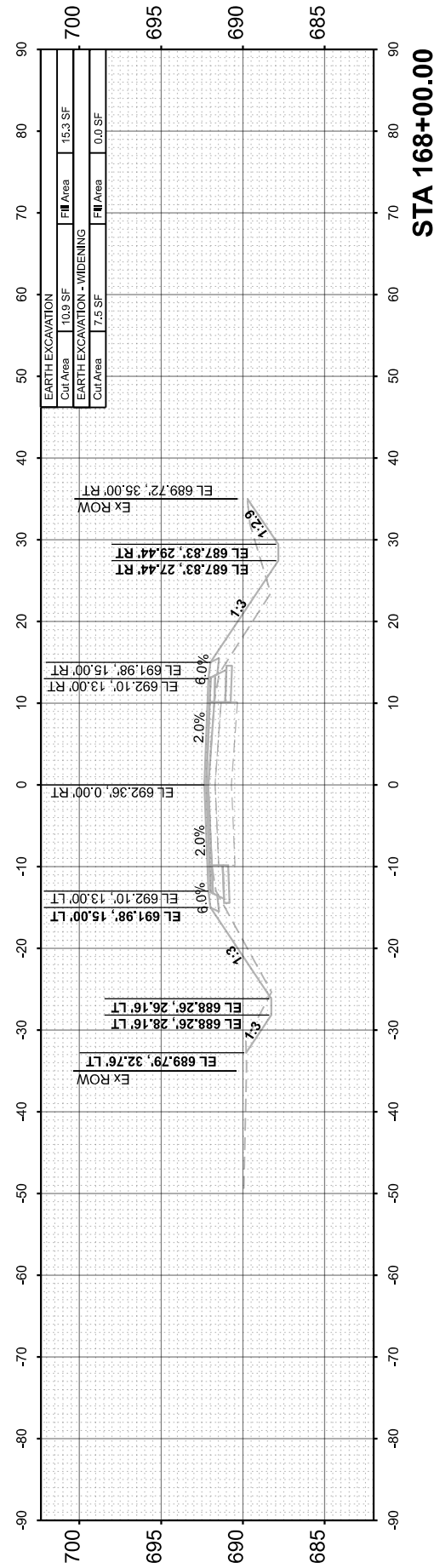
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
288	15-00351-00-WR	LASALLE	236	133
CONTRACT NO. 87801				ILLINOIS FED. AID PROJECT



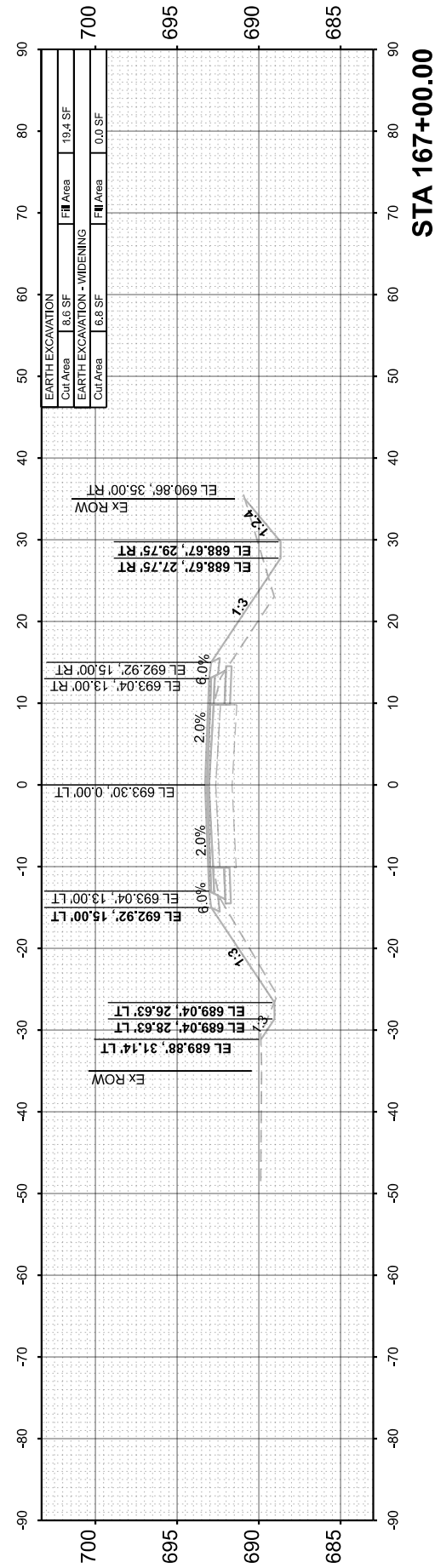
FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE
NOTE BOOK NO.	TEMPLATE AREAS CHECKED		

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

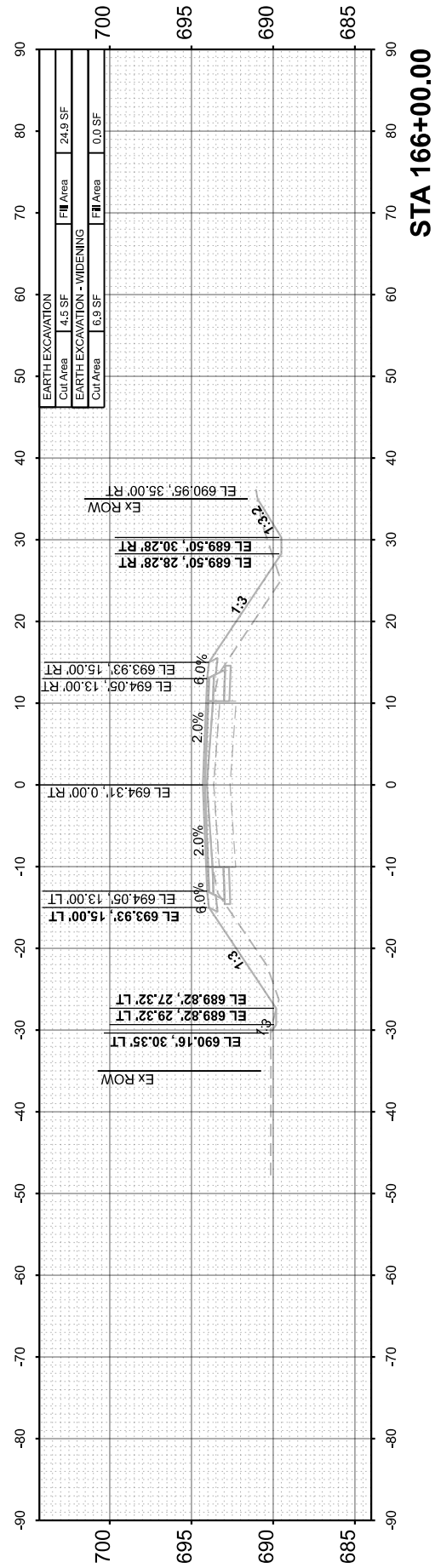
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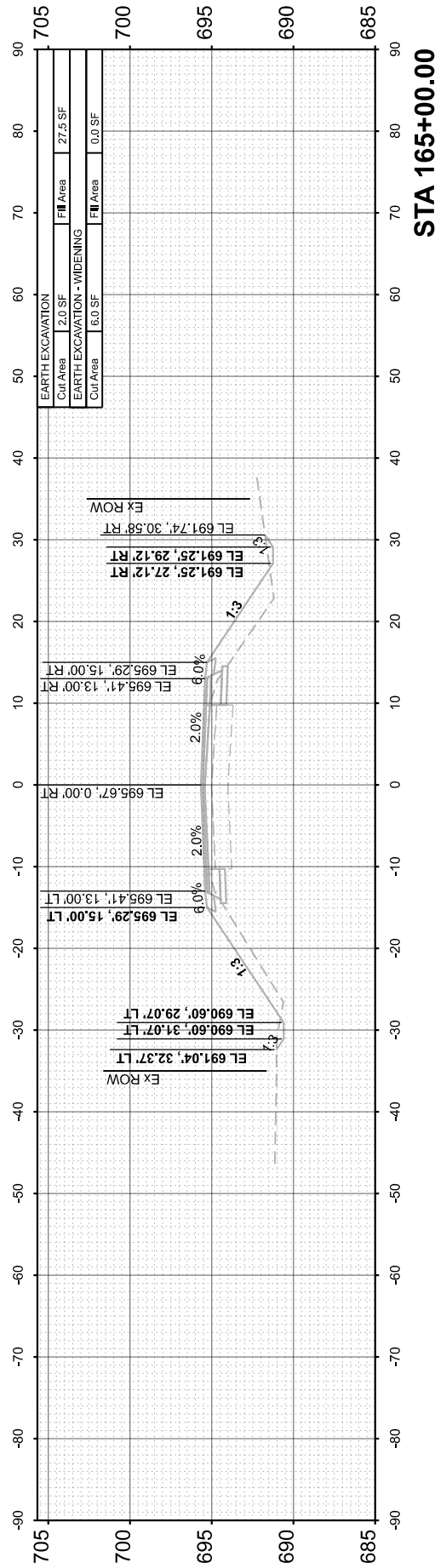
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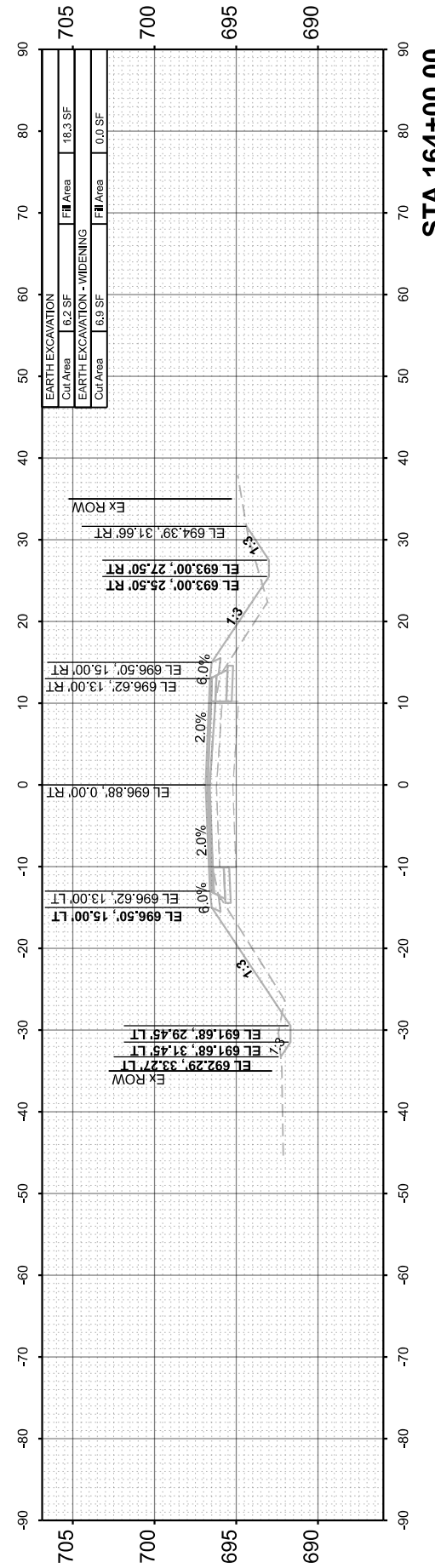
STA 167+00.00



STA 166+00.00



STA 165+00.00



STA 164+00.00

Hutchison Engineering, Inc.
 Jacksonville - Moline - Peoria - Shorewood
 Since 1945

USER NAME	= BDeCrane	DESIGNED	-	REVISED	-
DRAWN	-	DRAWN	-	REVISED	-
PLOT SCALE	= 0.16666633'' in.	CHECKED	-	REVISED	-
PLOT DATE	= 6/14/2023	DATE	-	REVISED	-

**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

**CH 15 (E 22nd RD)
 CROSS SECTIONS**

SCALE: H=10 V=5 SHEET 16 OF 118 SHEETS STA. 164+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
288	15-00351-00-WR	LASALLE	236	134
CONTRACT NO. 87801				
ILLINOIS		FED. AID PROJECT		

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

MODEL: EX_CH15 - 169+00.00 [Sheet]
 FILE NAME: V35001 - CH15 Design Layout Co/CADD/CADD Sheets/501-210222-02-1.dgn

Hutchison Engineering, Inc.
 Jacksonville - Moline - Peoria - Shorewood
 Since 1945

USER NAME = BDeCrane	DESIGNED -
PLOT SCALE = 0.16666633'' in.	DRAWN -
PLOT DATE = 6/14/2023	CHECKED -
	DATE -

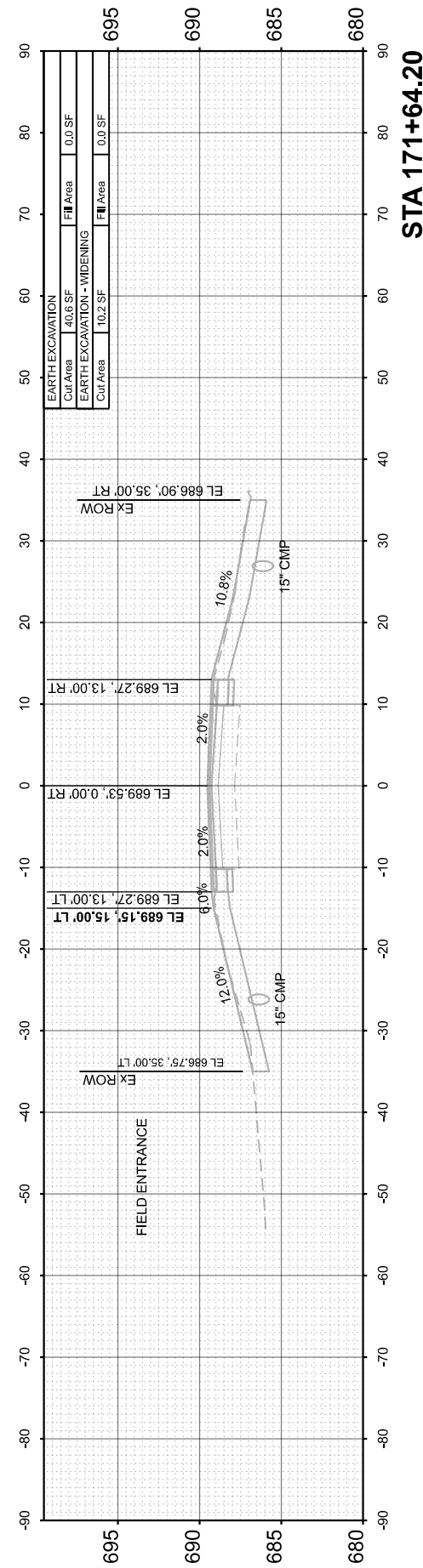
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REVISD -
REVISD -
REVISD -

**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

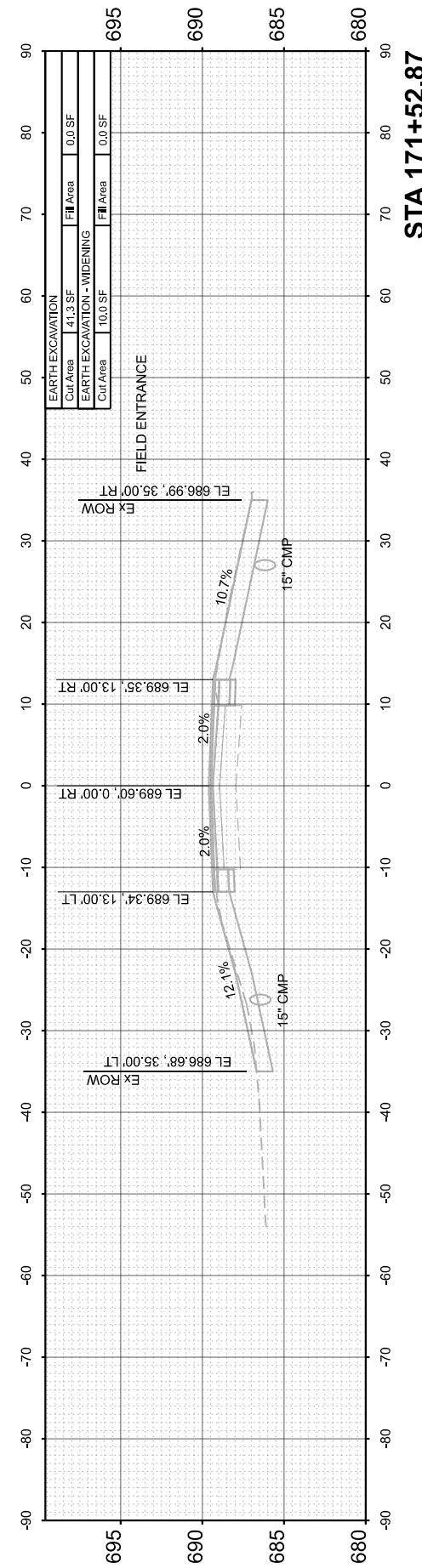
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**CH 15 (E 22nd RD)
 CROSS SECTIONS**

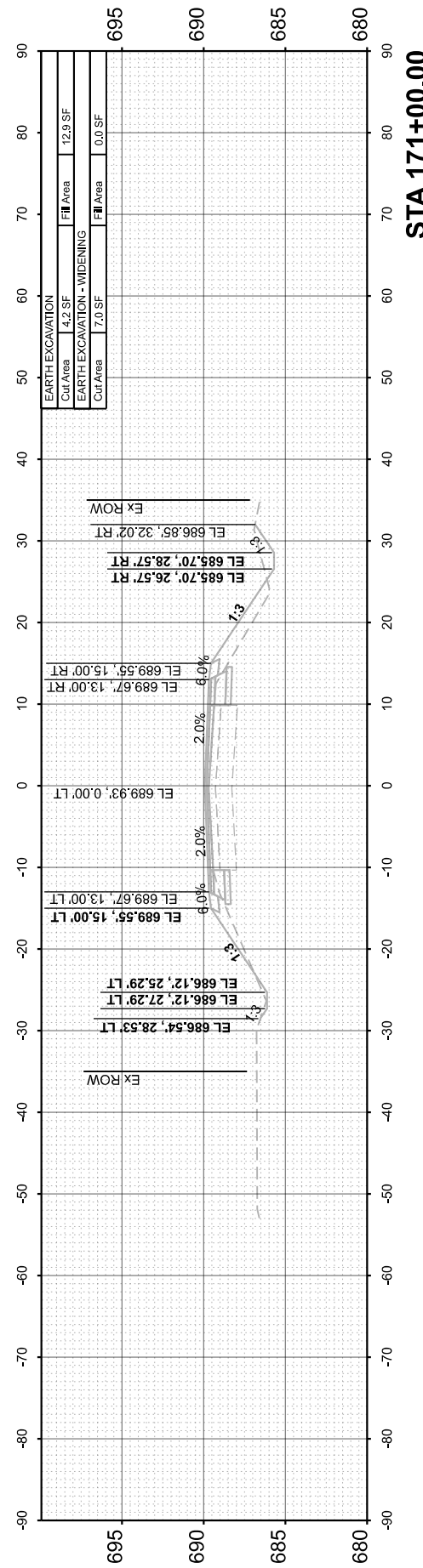
F.A.S. RTE. 288	SECTION 15-00351-00-WR	COUNTY LASALLE	TOTAL SHEETS 236	SHEET NO. 135
CONTRACT NO. 87801			ILLINOIS FED. AID PROJECT	



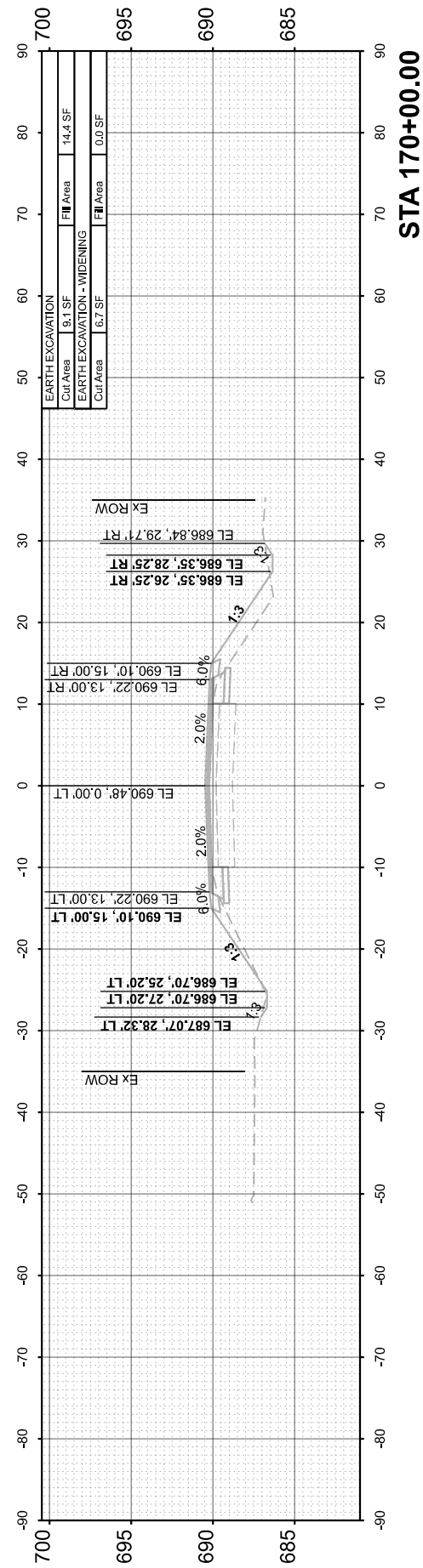
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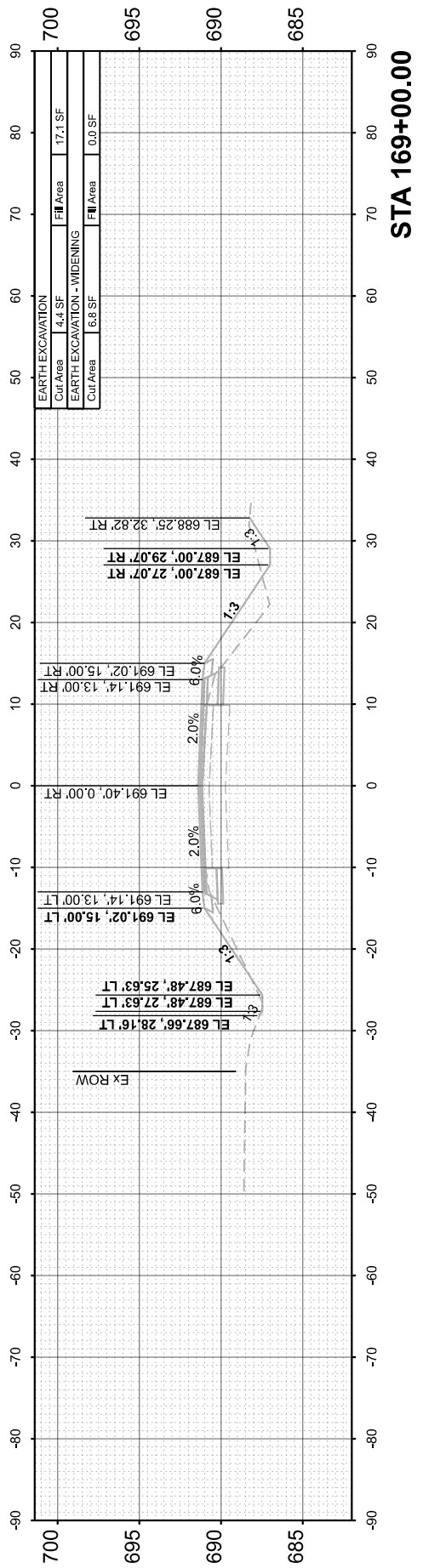
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STA 171+00.00



STA 170+00.00

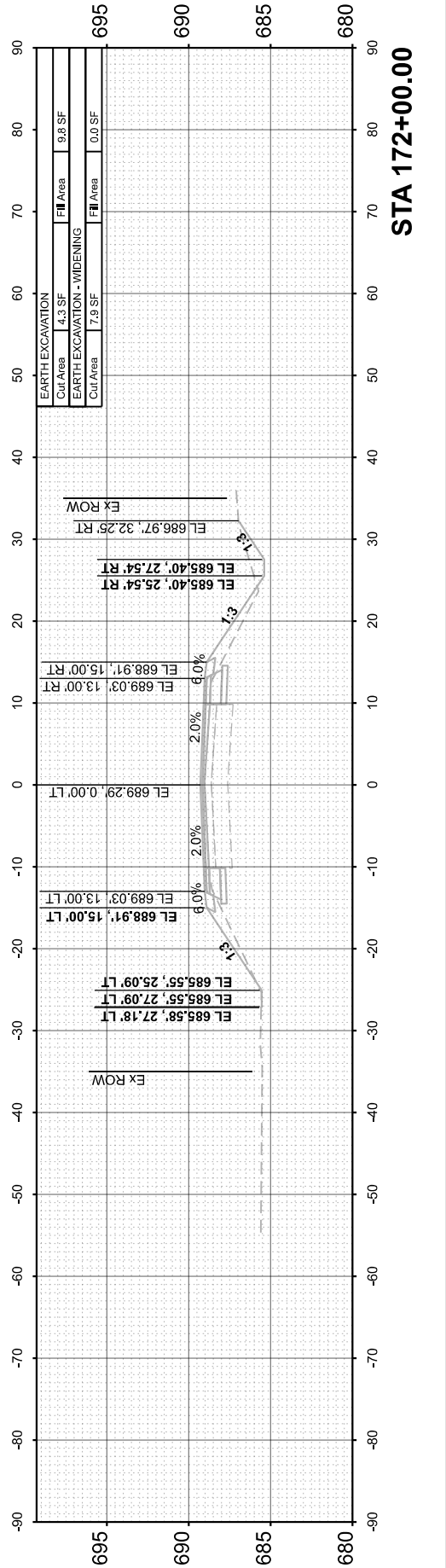
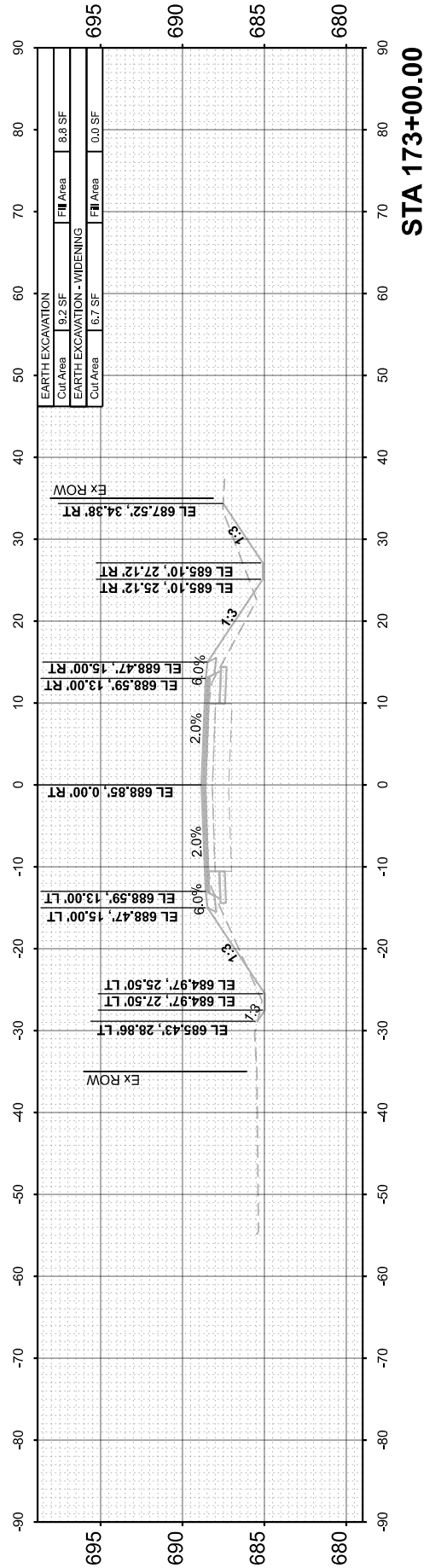
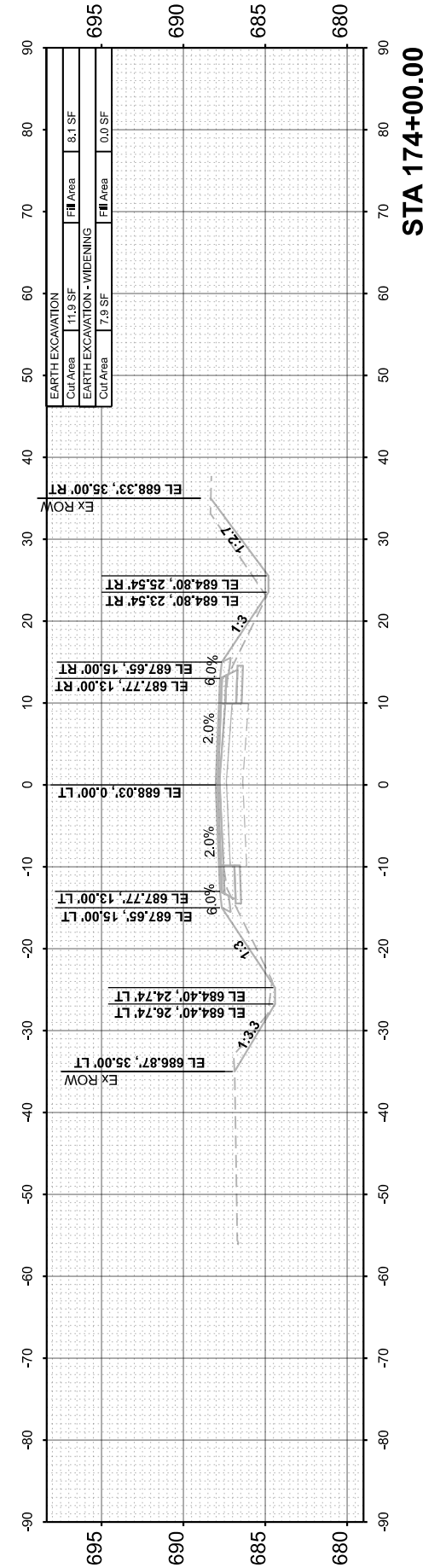
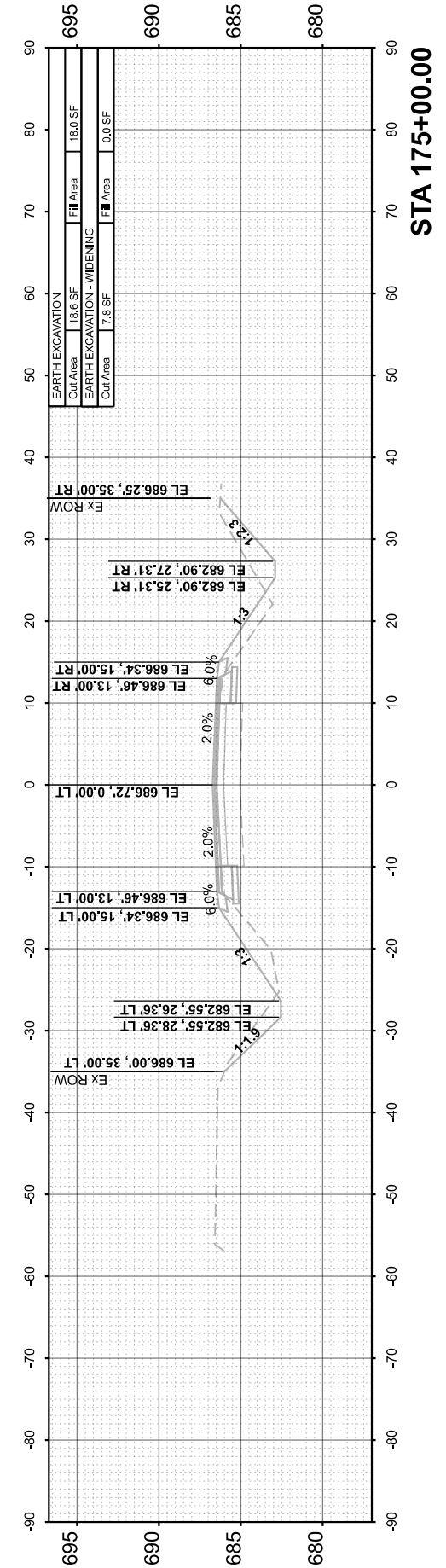
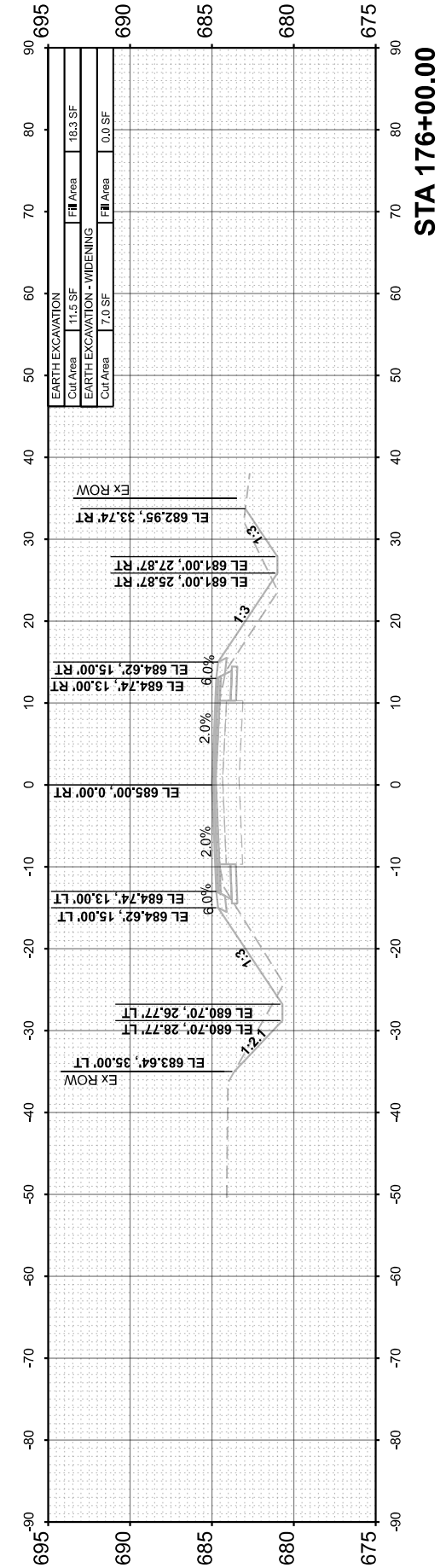


STA 169+00.00

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

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

MODEL: EX_CH15 - 172+00.00 (Sheet)
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Hutchison Engineering, Inc.
 Jacksonville - Moline - Peoria - Shorewood
 Since 1945

USER NAME = BDeCrane	DESIGNED -	REVISED -
PLOT SCALE = 0.16666633'' in.	DRAWN -	REVISED -
PLOT DATE = 6/14/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

SCALE: H=10 V=5	SHEET 18	OF 118 SHEETS	STA. 172+00.00
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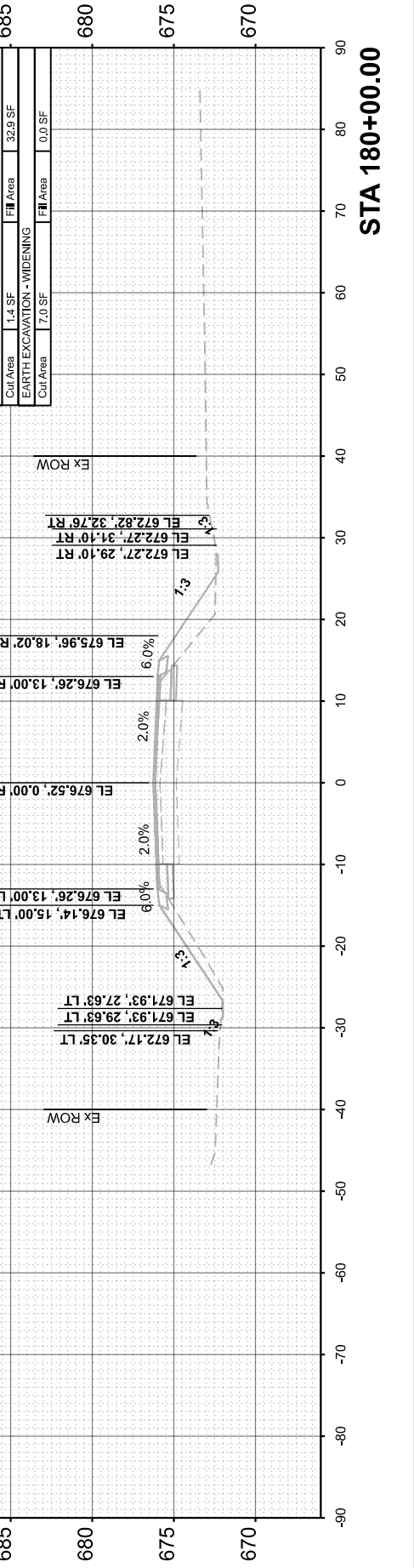
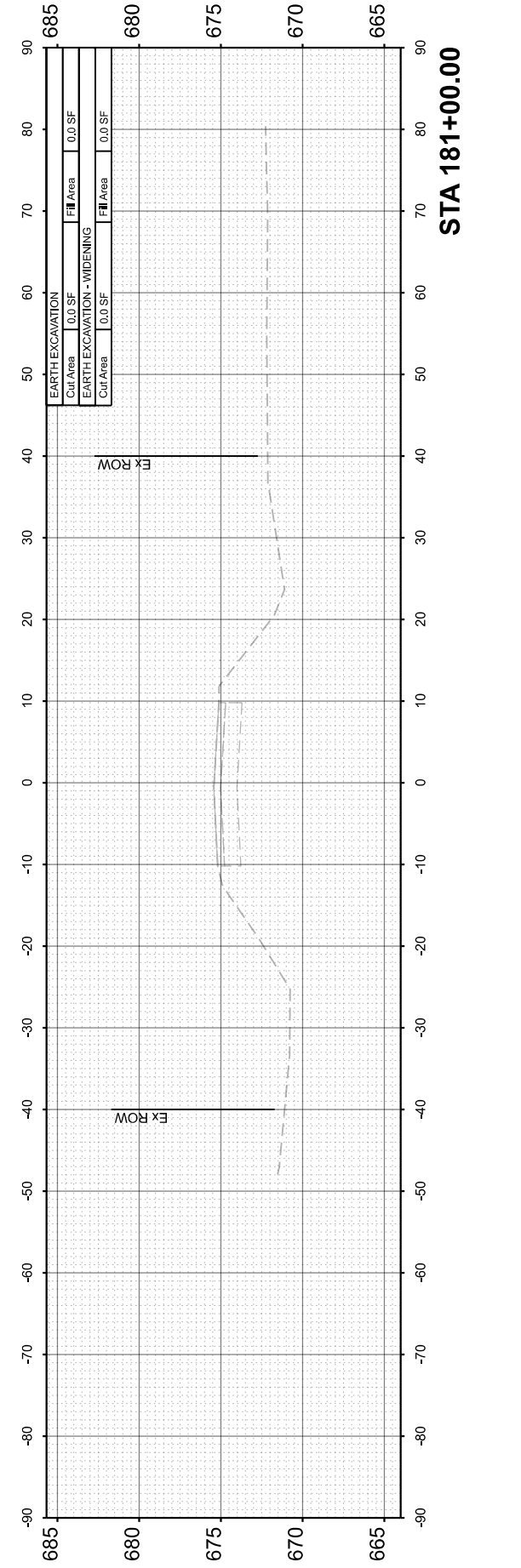
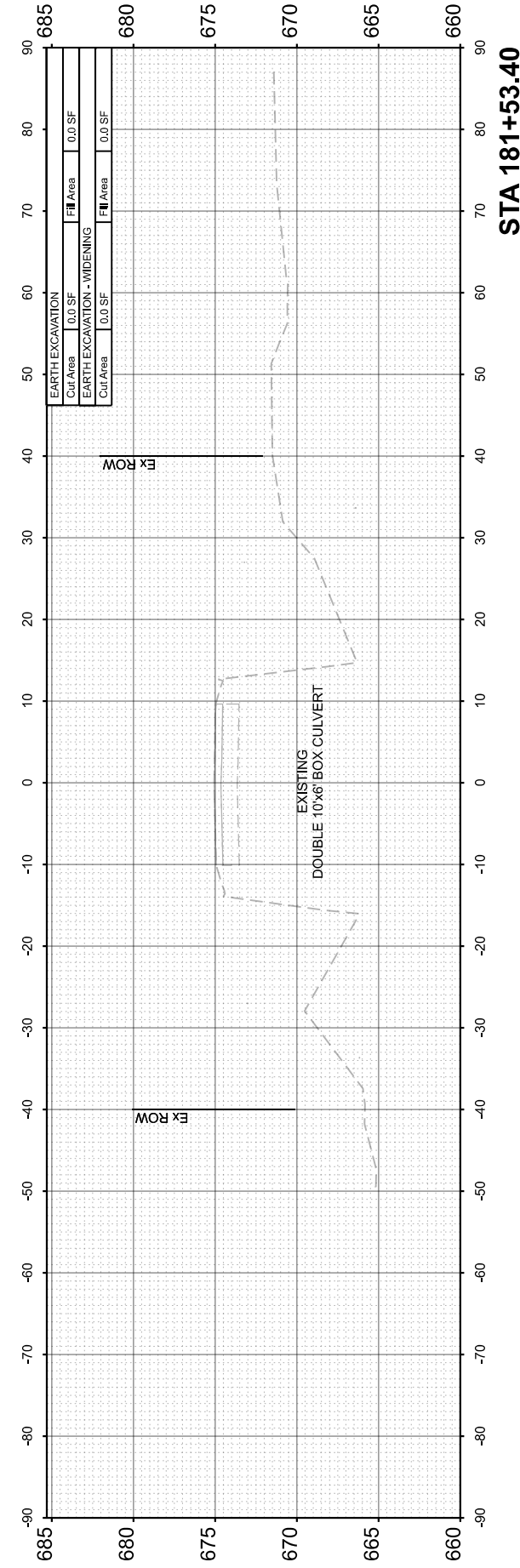
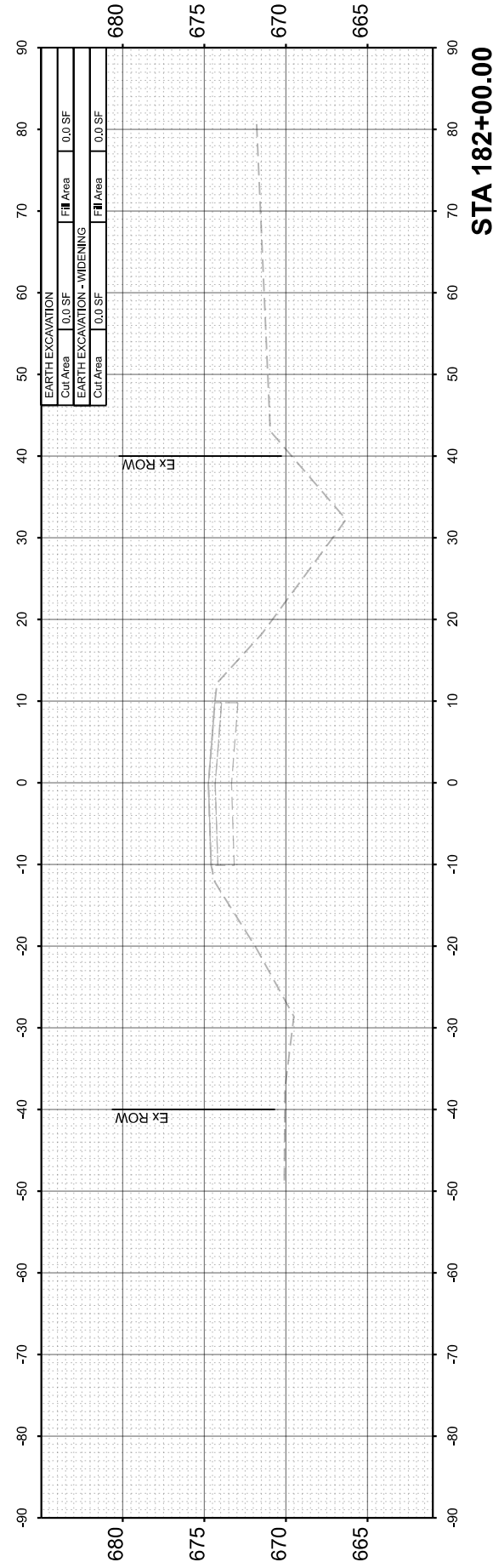
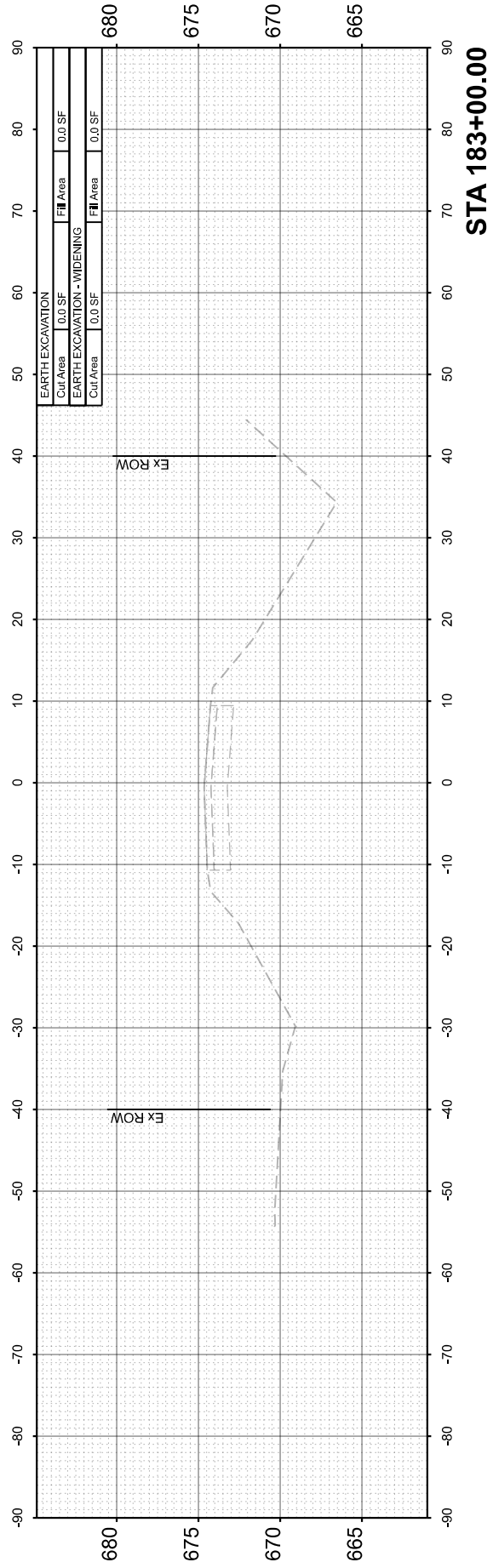
**CH 15 (E 22nd RD)
 CROSS SECTIONS**

F.A.S. RTE. 288	SECTION 15-00351-00-WR	COUNTY LASALLE	TOTAL SHEETS 236	SHEET NO. 136
ILLINOIS FED. AID PROJECT			CONTRACT NO. 87801	

FINAL SURVEY NO.	SURVEYED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED AREAS CHECKED	BY	DATE

MODEL: EX_CH15 - 180+00.00 (Sheet)
 FILE NAME: V35001 - CH15 Design.Lasalle Co.CADD\CADD Sheets\500 - strcsc-cp-1.dgn



Hutchison Engineering, Inc.
 Jacksonville - Moline - Peoria - Shorewood
 Since 1945

USER NAME	= BDeCrane
PLOT SCALE	= 0.16666633" / in.
PLOT DATE	= 6/14/2023

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

REVISED	-
REVISED	-
REVISED	-
REVISED	-

**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

SCALE: H=10 V=5	SHEET 20	OF 118 SHEETS	STA. 180+00.00
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**CH 15 (E 22nd RD)
 CROSS SECTIONS**

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
288	15-00351-00-WR	LASALLE	236	138
CONTRACT NO. 87801				
ILLINOIS		FED. AID PROJECT		

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

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

MODEL: EX_CH15 - 184+00.00 (Sheet)
 FILE NAME: V35001 - CH15 Design Layout Co/CADD/CADD Sheets/501 - str02x-cop-1.dgn

Hutchison Engineering, Inc.
 Jacksonville - Moline - Peoria - Shorewood
 Since 1945

USER NAME	= BDeCreane
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DRAWN	-
CHECKED	-
DATE	-
PLOT SCALE	= 0.16666633''/in.
PLOT DATE	= 6/14/2023

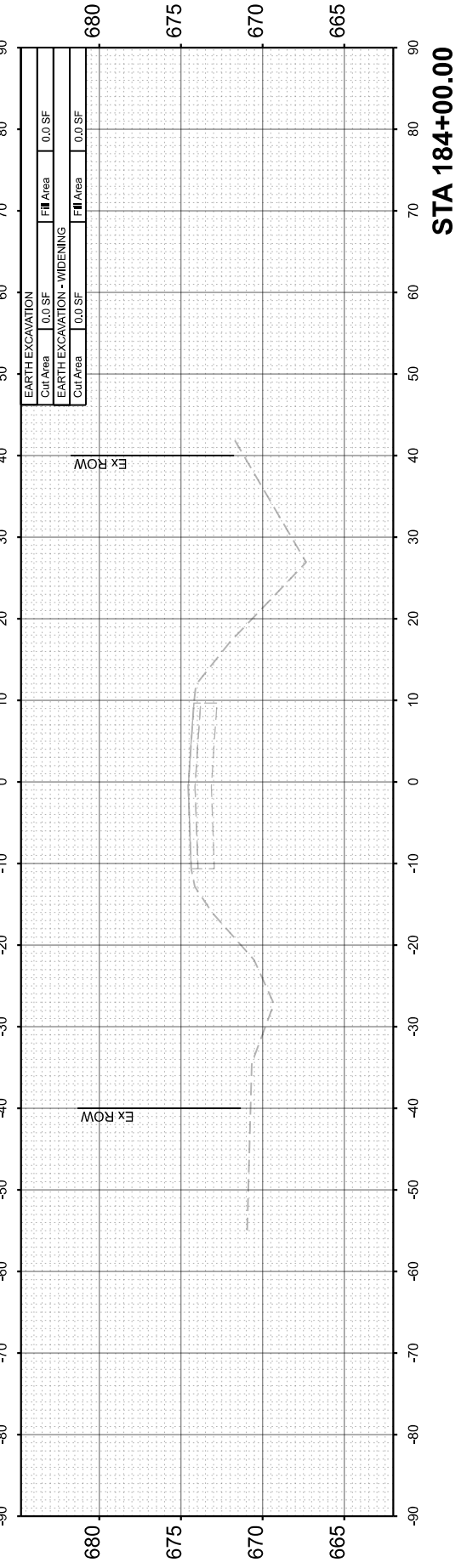
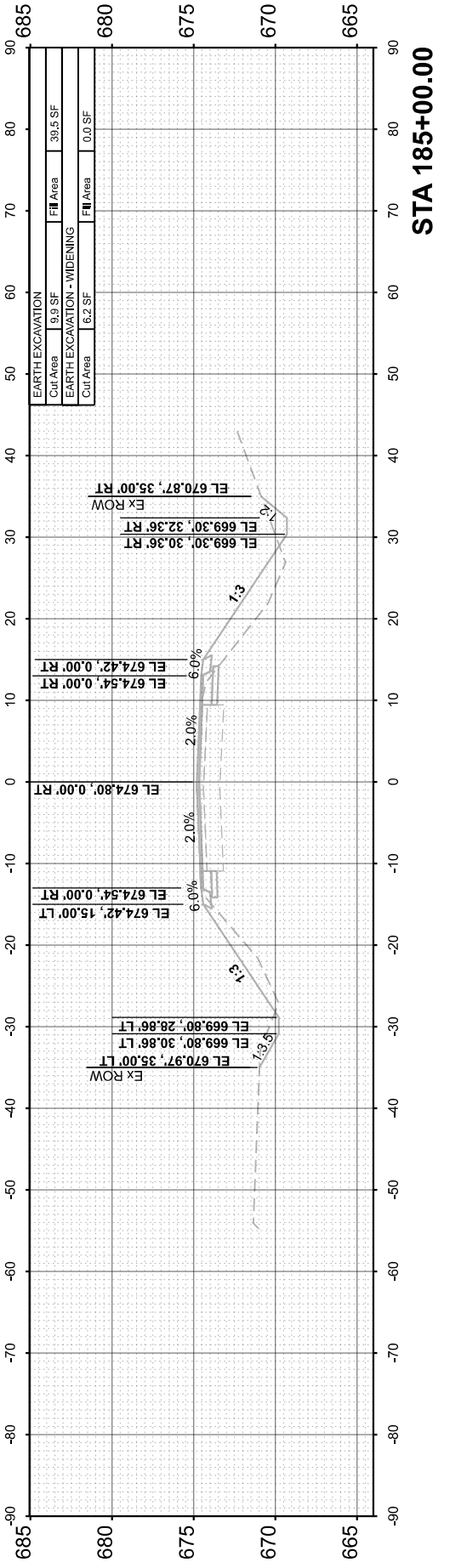
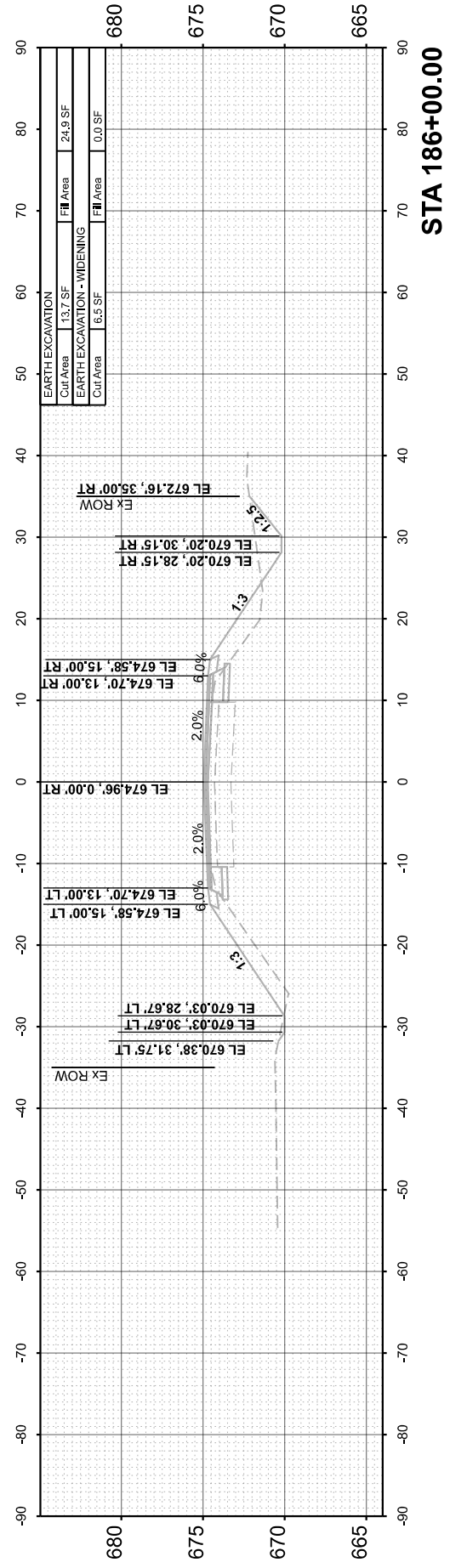
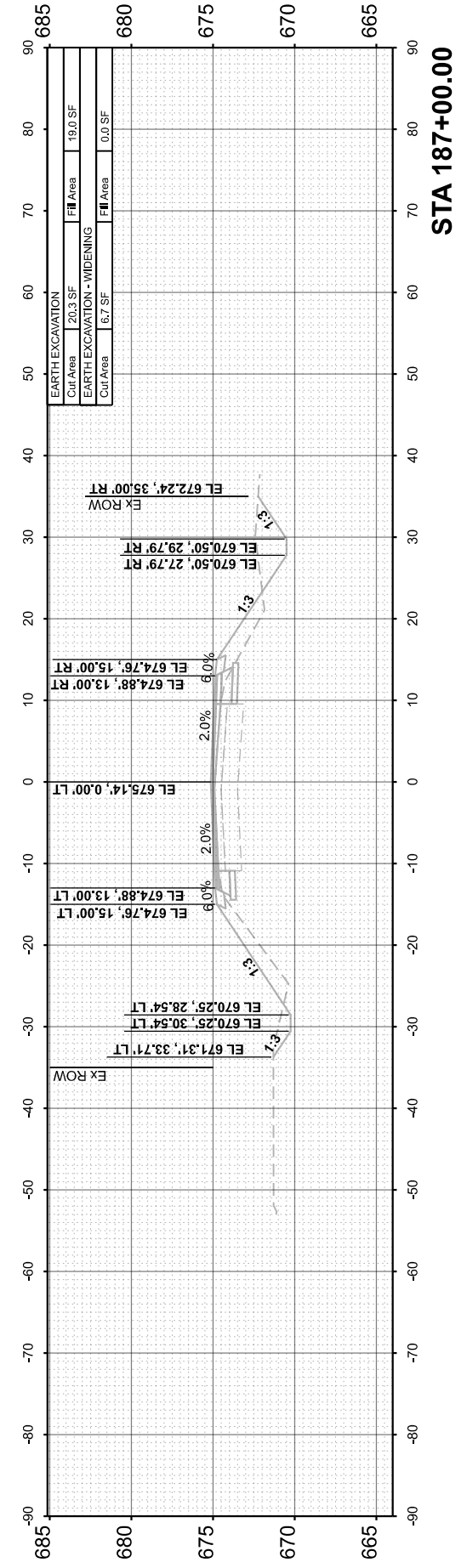
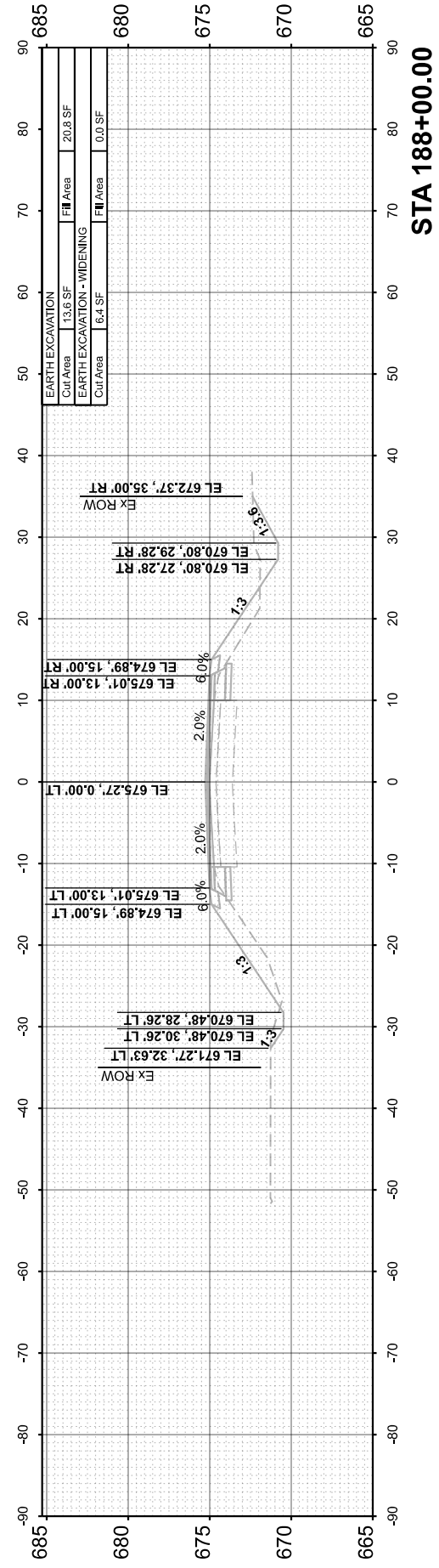
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REVISED	-

**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

**CH 15 (E 22nd RD)
 CROSS SECTIONS**

SCALE: H=10 V=5 SHEET 21 OF 118 SHEETS STA. 184+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
288	15-00351-00-WR	LASALLE	236	139
CONTRACT NO. 87801				
ILLINOIS		FED. AID PROJECT		



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

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

MODEL: EX_CH15 - 189+00.00 [Sheet]
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Hutchison Engineering, Inc.
 Jacksonville - Moline - Peoria - Shorewood
 Since 1945

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DRAWN	-
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PLOT DATE	= 6/14/2023

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DATE	-

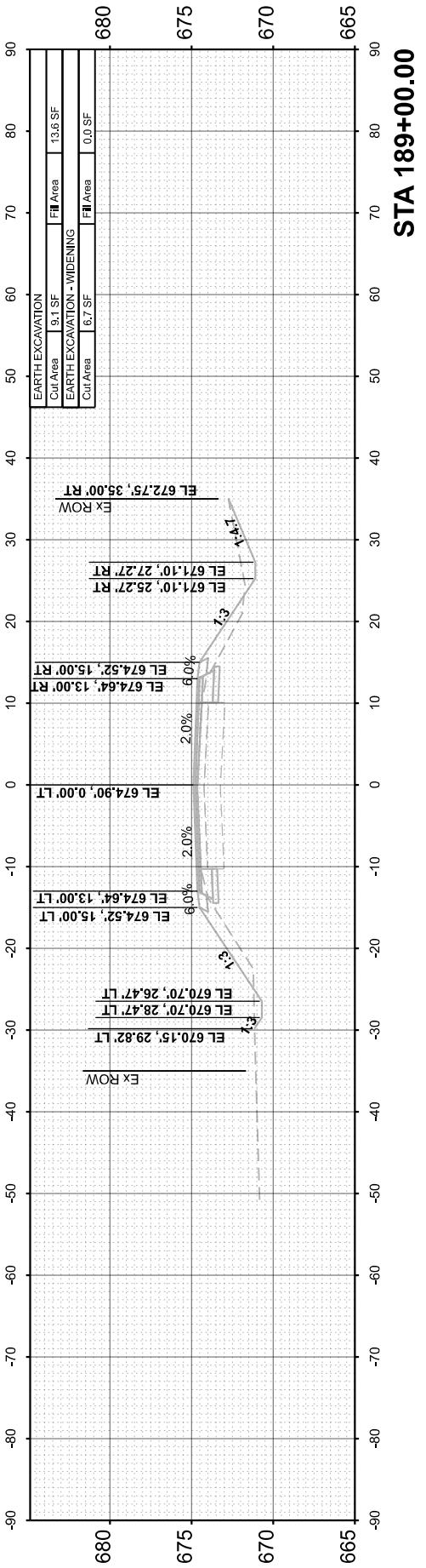
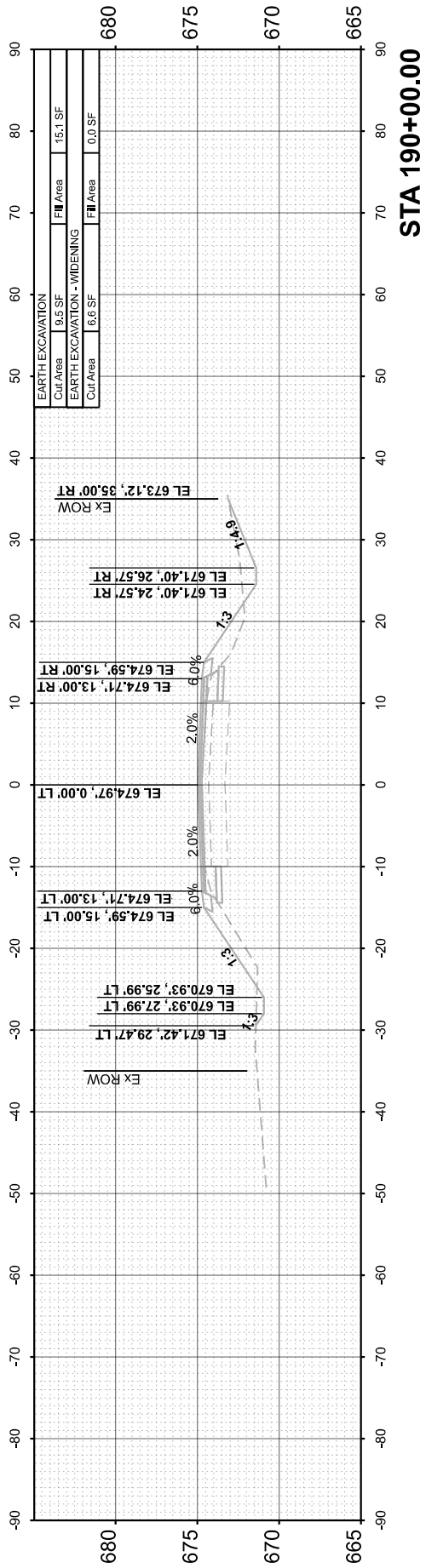
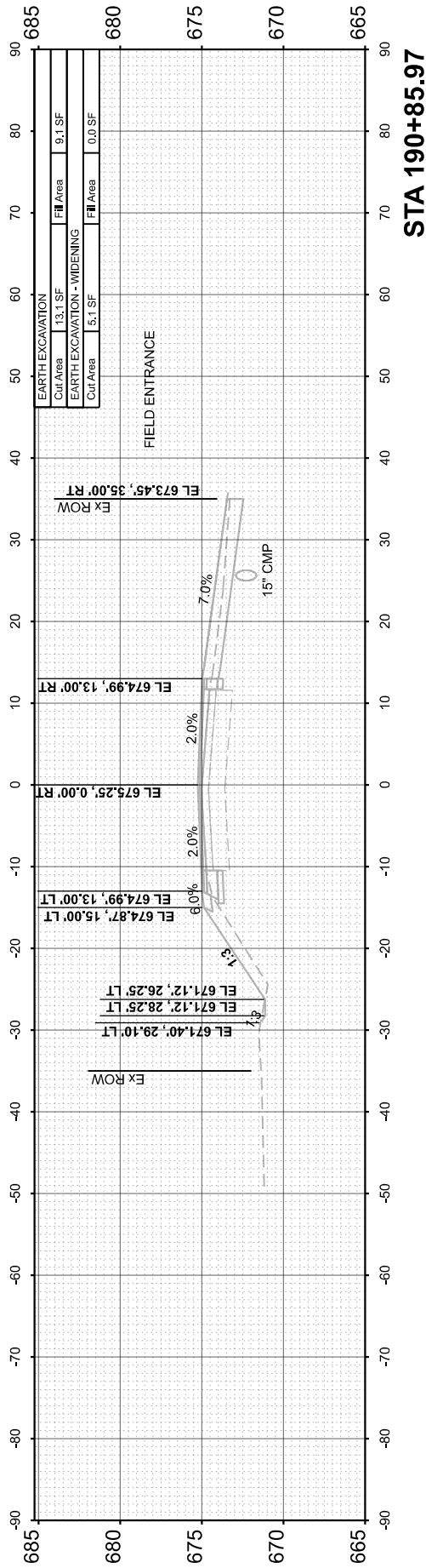
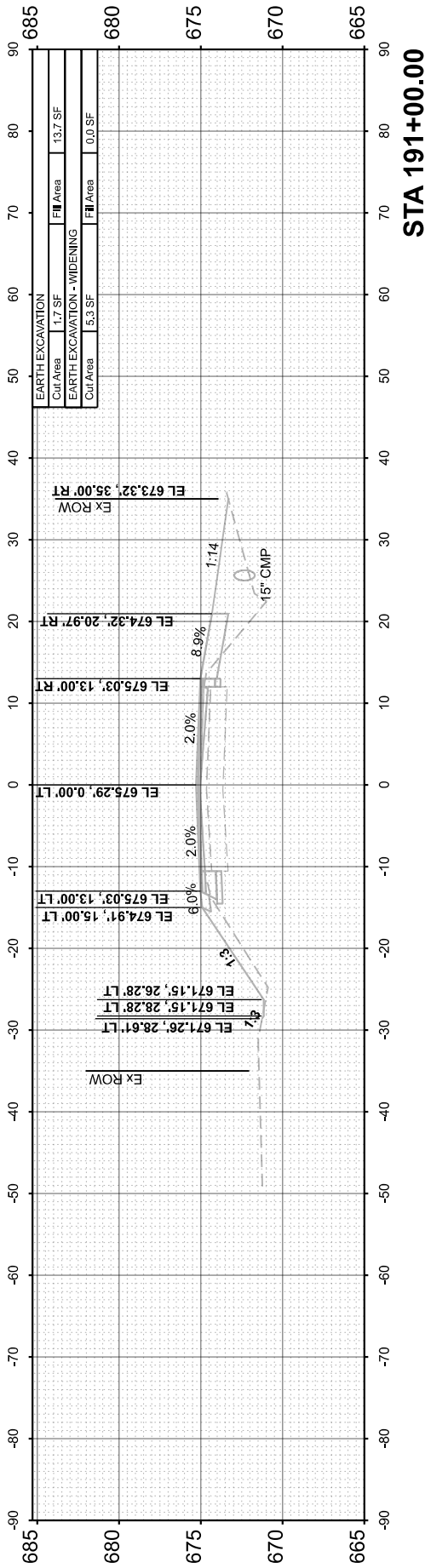
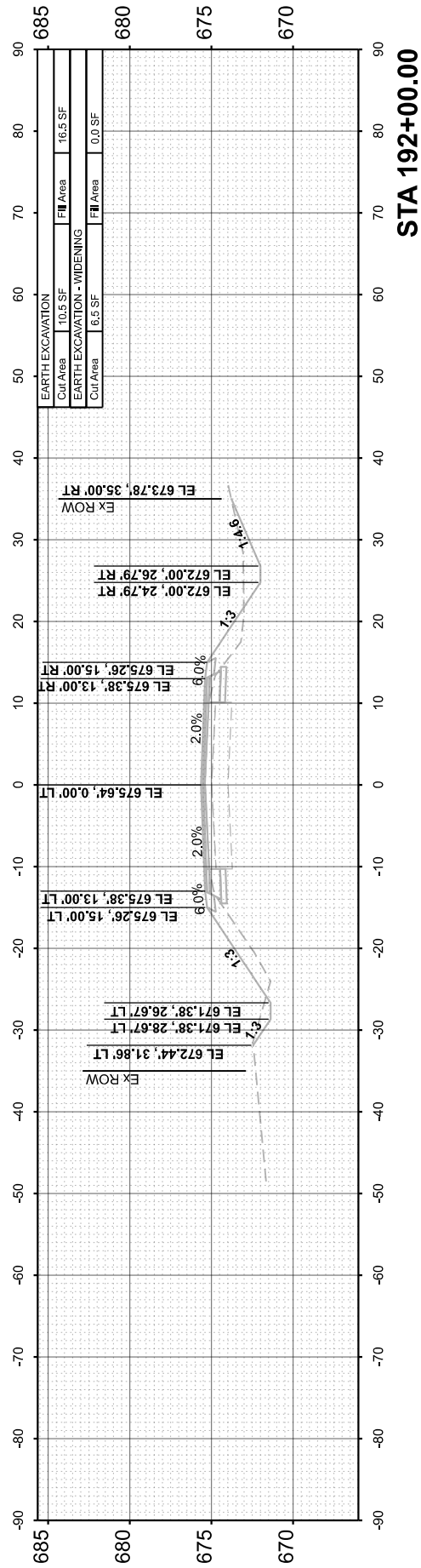
REVISED	-
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REVISED	-

**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

**CH 15 (E 22nd RD)
 CROSS SECTIONS**

SCALE: H=10 V=5 SHEET 22 OF 118 SHEETS STA. 189+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
288	15-00351-00-WR	LASALLE	236	140
				CONTRACT NO. 87801
ILLINOIS		FED. AID PROJECT		



FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

MODEL: EX_CH15 - 192+38.81 (Sheet)
 FILE NAME: V35001 - CH15 Design Layout - Co/CADD/CADD Sheets/501 - str/csc-cop-1.dgn

Hutchison Engineering, Inc.
 Jacksonville - Moline - Peoria - Shorewood
 Since 1945

USER NAME	= BDcraene
DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-
PLOT SCALE	= 0.16666633'' in.
PLOT DATE	= 6/14/2023

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

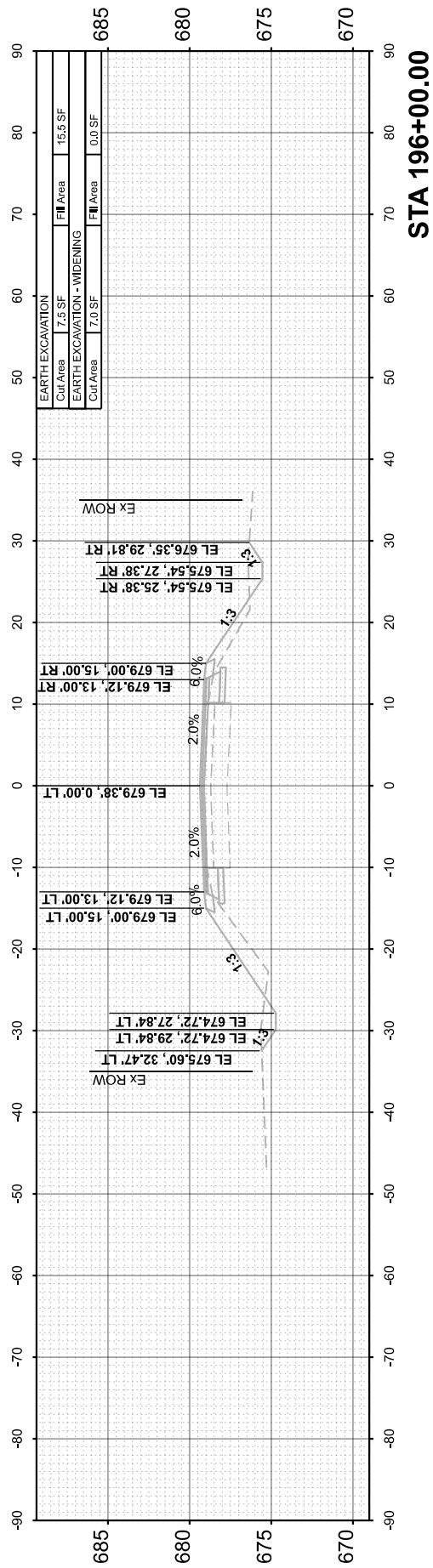
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REVISED	-

**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

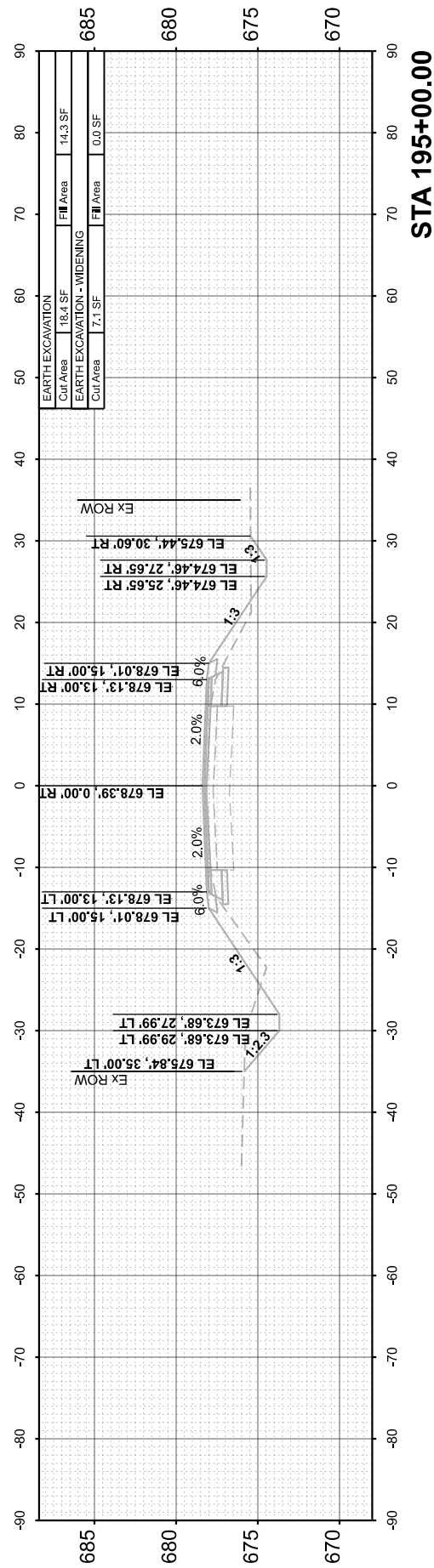
**CH 15 (E 22nd RD)
 CROSS SECTIONS**

SCALE: H=10 V=5 SHEET 23 OF 118 SHEETS STA. 192+38.81

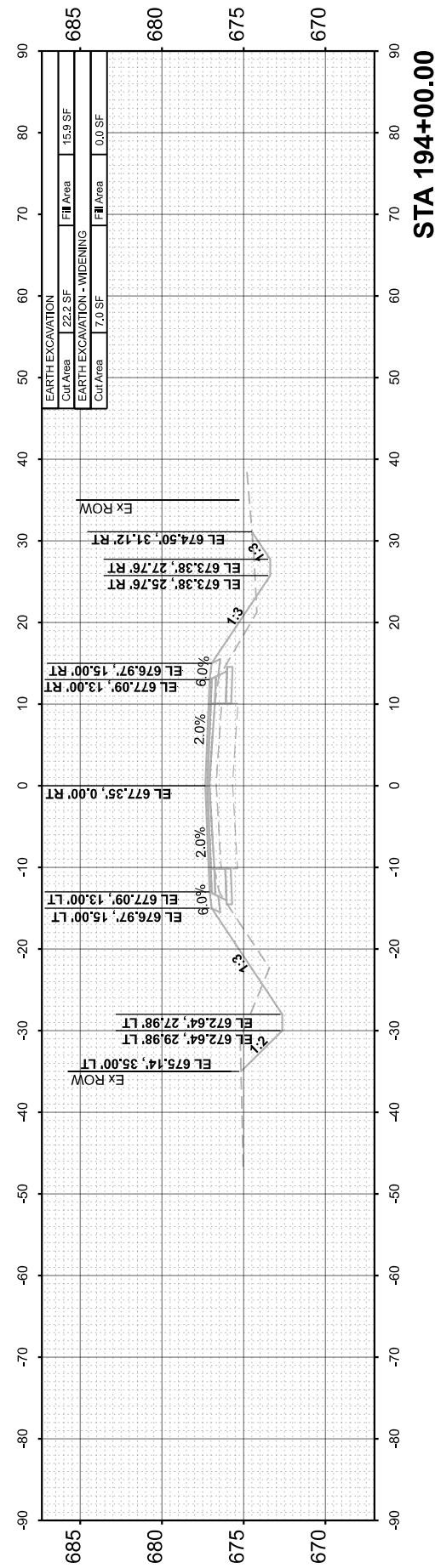
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
288	15-00351-00-WR	LASALLE	236	141
CONTRACT NO. 87801				
ILLINOIS		FED. AID PROJECT		



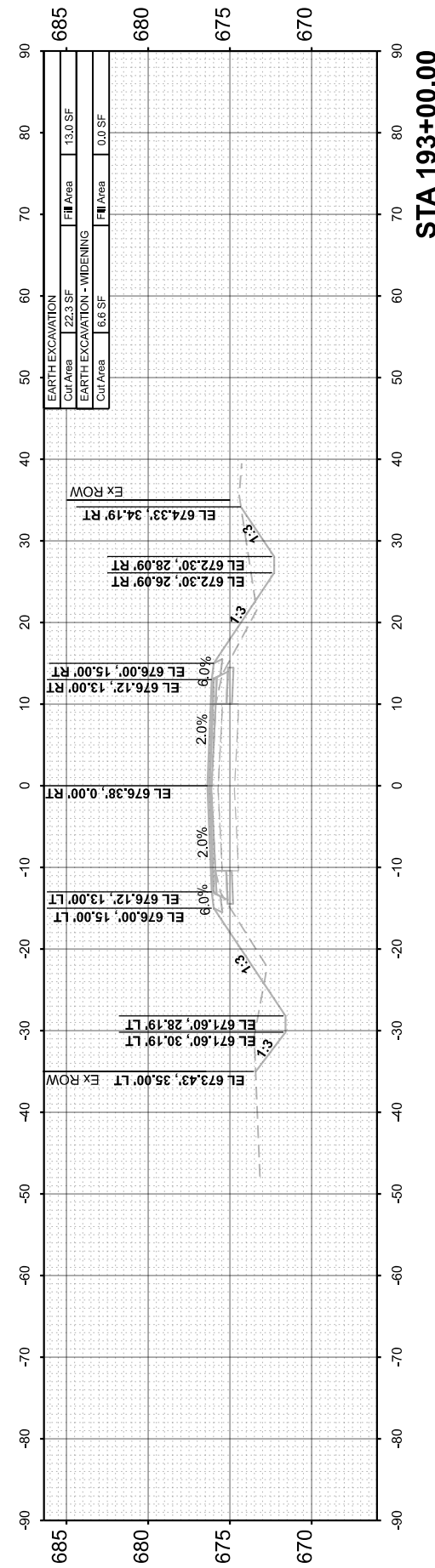
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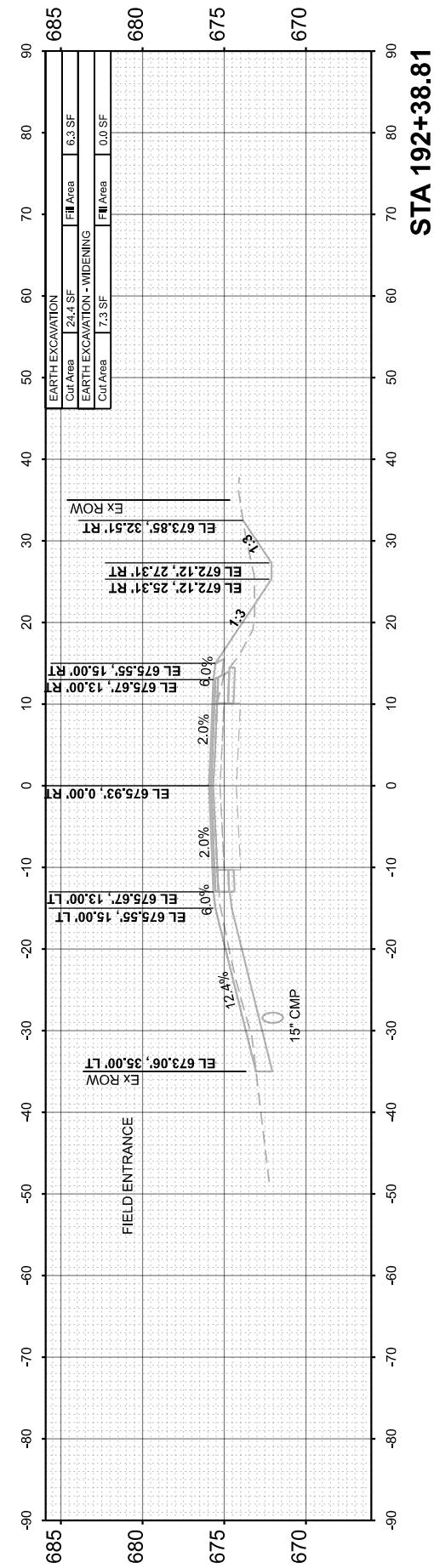
STA 195+00.00



STA 194+00.00



STA 193+00.00



STA 192+38.81

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

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

MODEL: EX_CH15 - 197+00.00 (Sheet)
 FILE NAME: V35001 - CH15 Design Layout - Co/CADD/CADD Sheets/500 - str/csc-cof-1.dgn

Hutchinson Engineering, Inc.
 Jacksonville - Moline - Peoria - Shorewood
 Since 1945

USER NAME	= BDcraene
DESIGNED	-
DRAWN	-
PLLOT SCALE	= 0.16666633'' in.
CHECKED	-
PLLOT DATE	= 6/14/2023
DATE	-

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

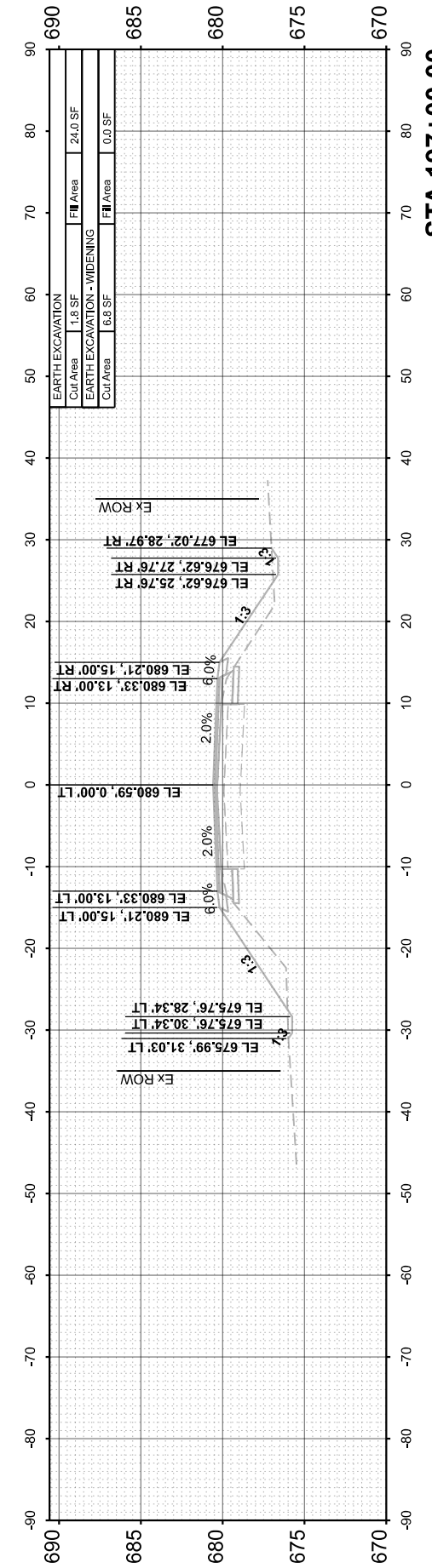
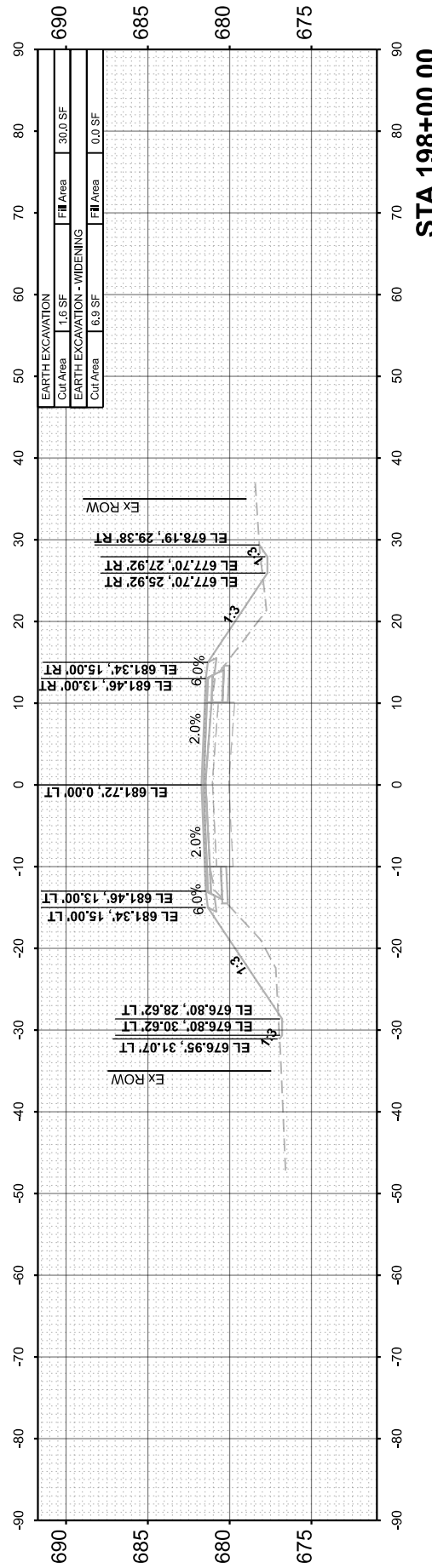
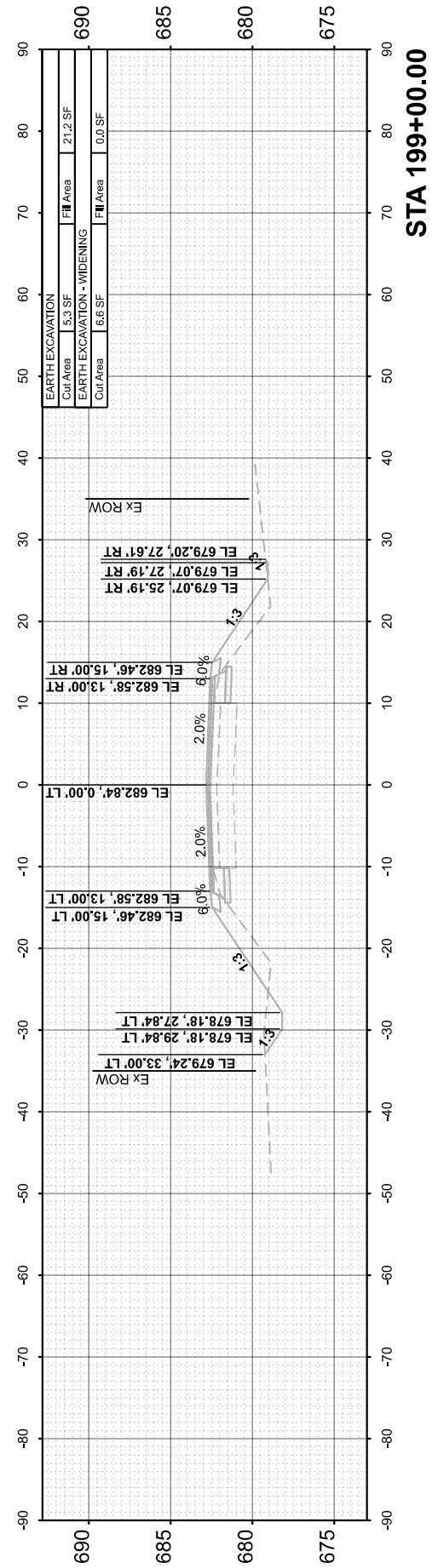
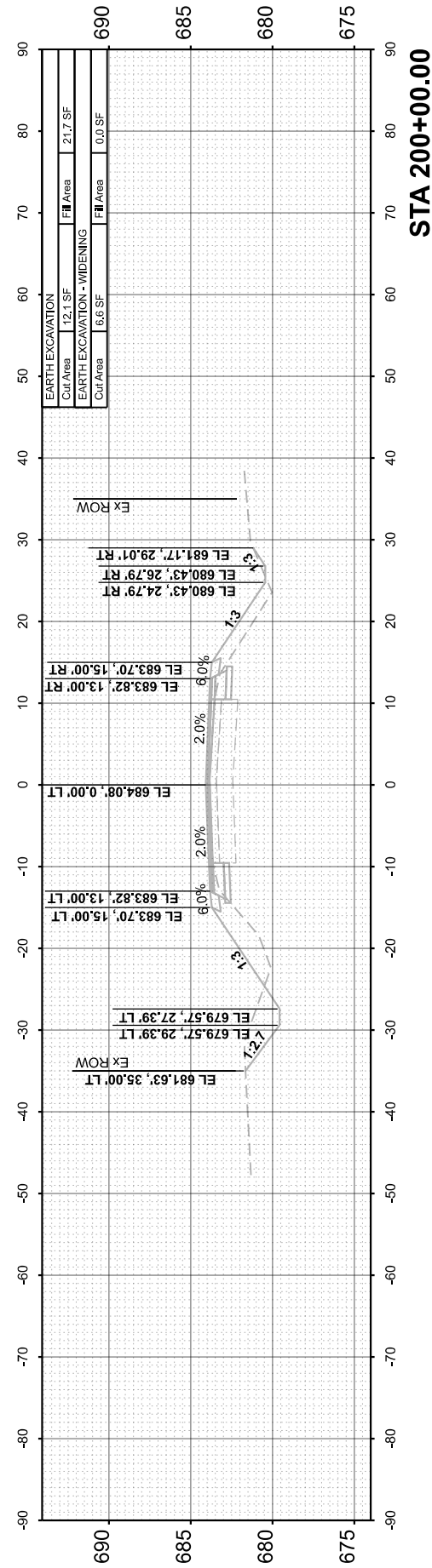
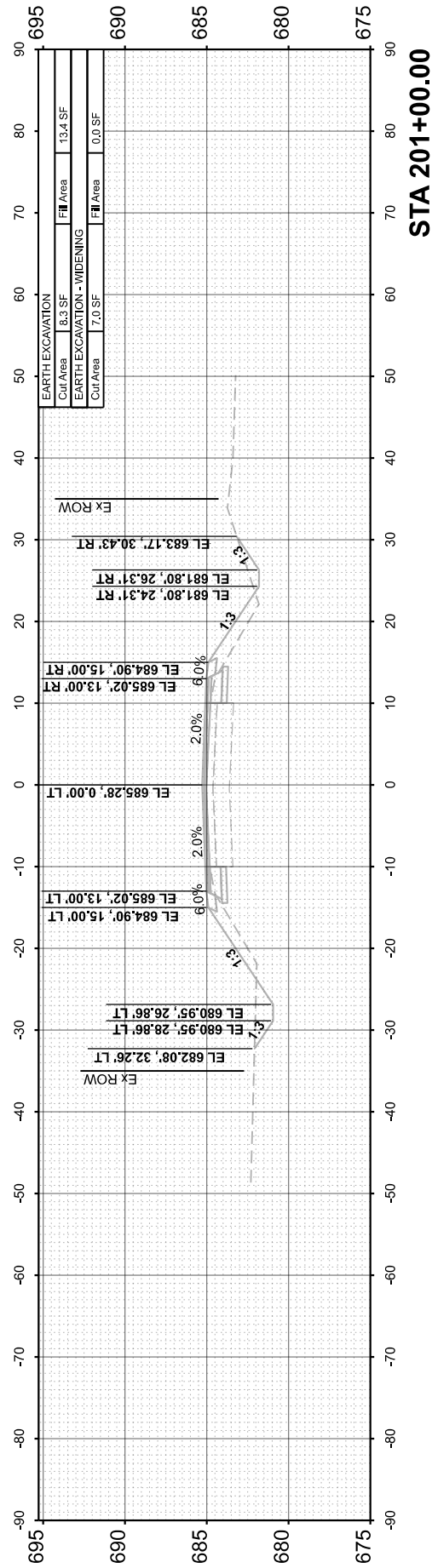
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REVISED	-
REVISED	-
REVISED	-

**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

**CH 15 (E 22nd RD)
 CROSS SECTIONS**

SCALE: H=10 V=5 SHEET 24 OF 118 SHEETS STA. 197+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
288	15-00351-00-WR	LASALLE	236	142
				CONTRACT NO. 87801
ILLINOIS		FED. AID PROJECT		



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

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

MODEL: EX_CH15 - 202+00.00 [Sheet]
FILE NAME: V35001 - CH15 Design Layout Co/CADD/CADD Sheets/501 - str/csc-02-1.dgn

Hutchison Engineering, Inc.
Jacksonville - Moline - Peoria - Shorewood
Since 1945

USER NAME	= BDDeCrane
DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-
PLOT SCALE	= 0.16666633''/in.
PLOT DATE	= 6/14/2023

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

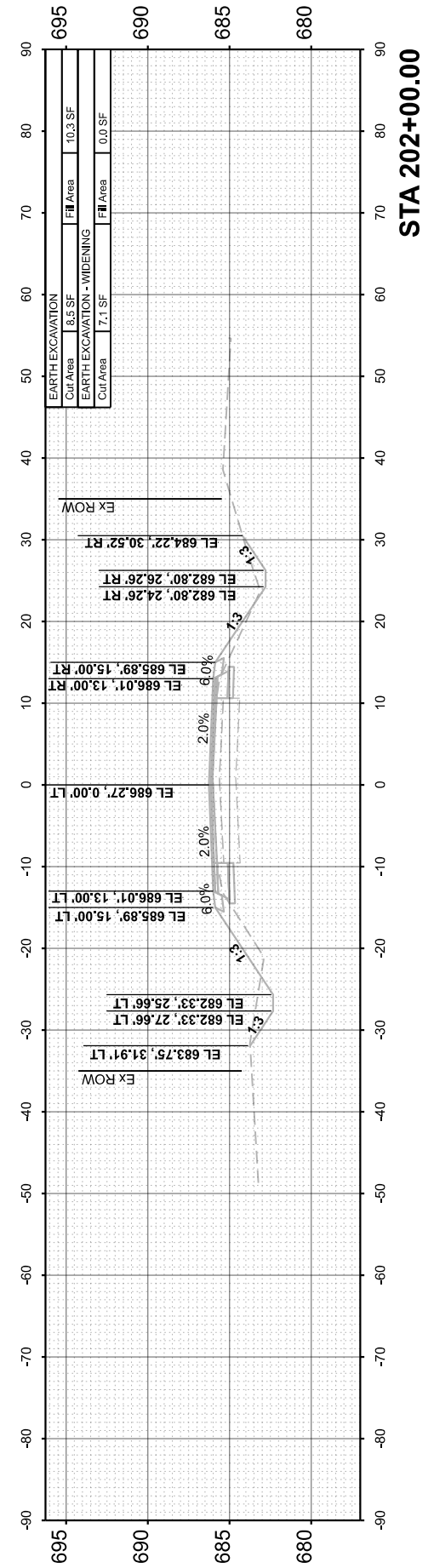
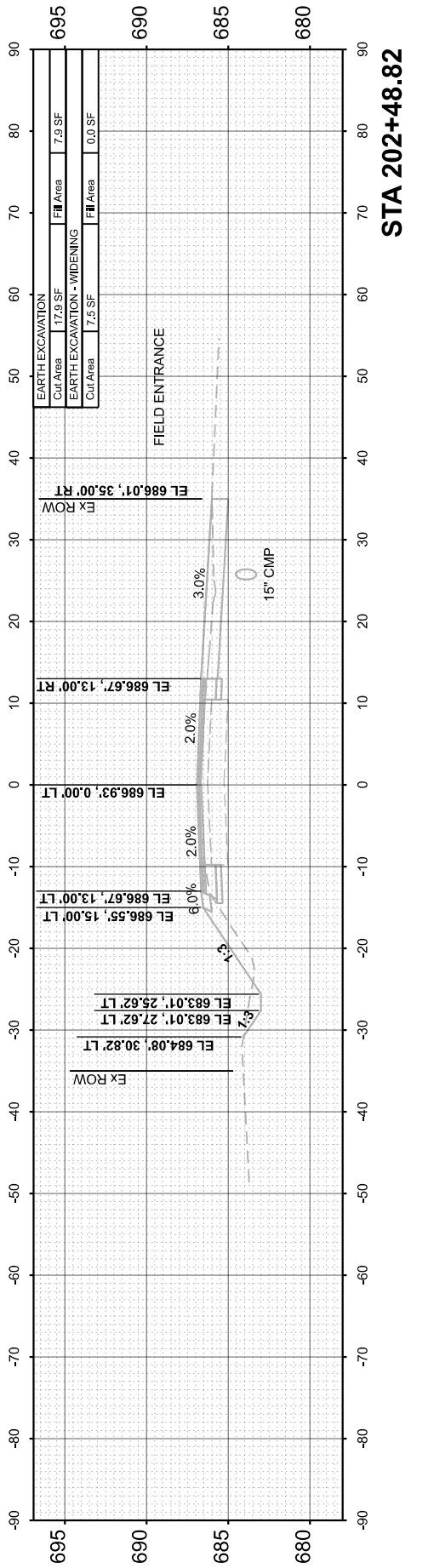
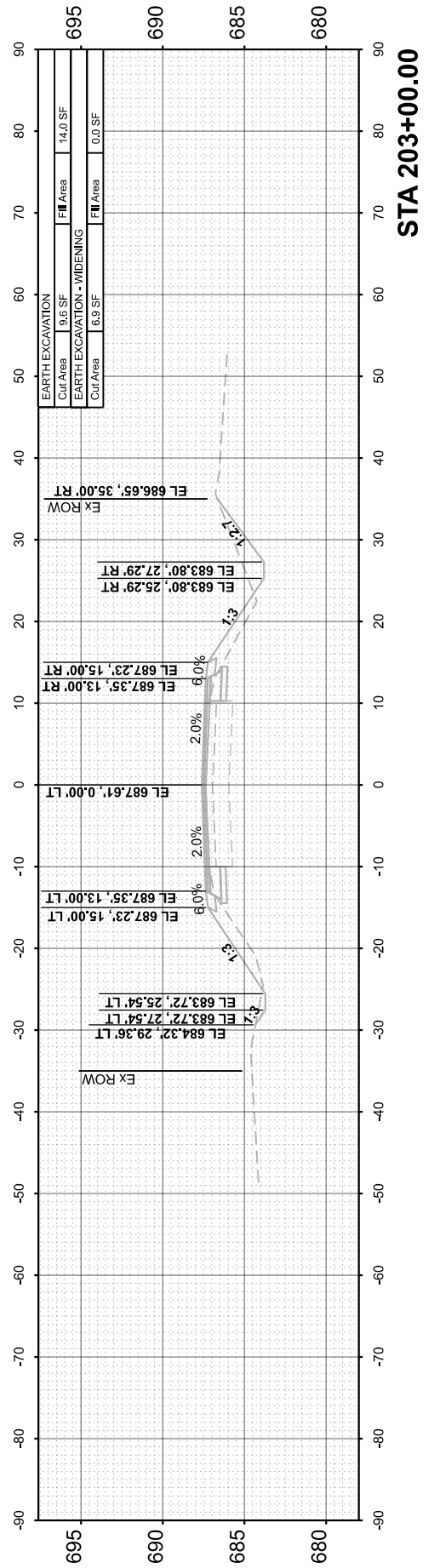
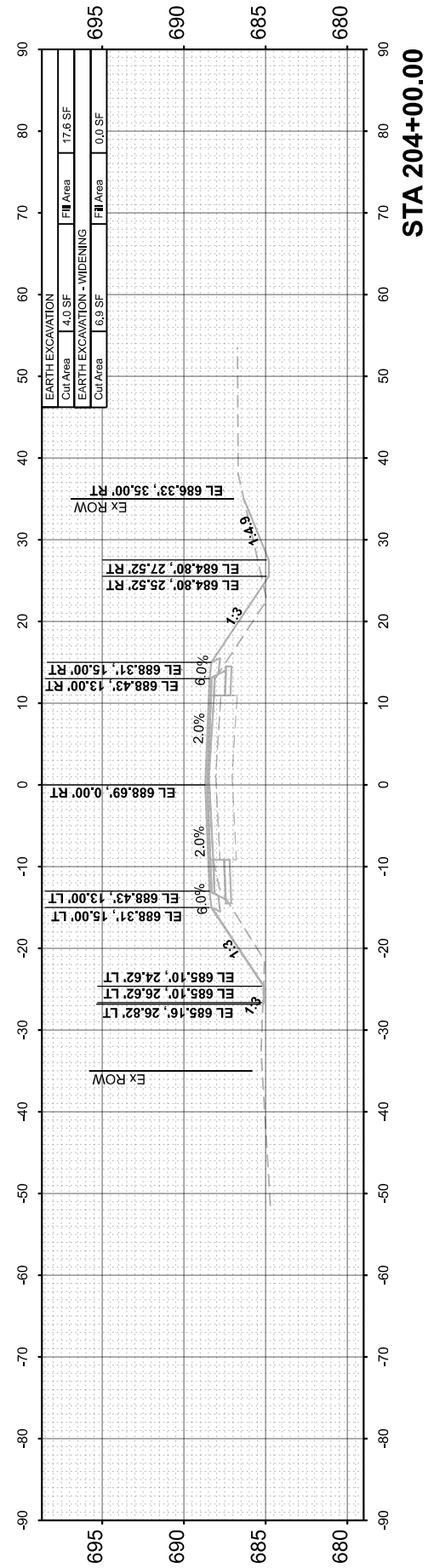
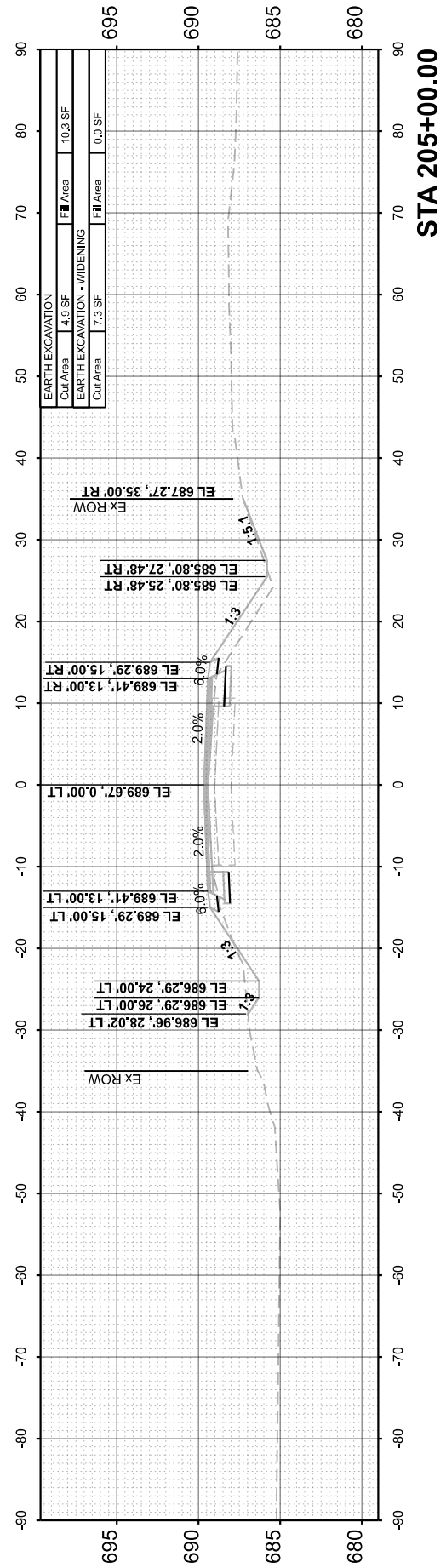
REVISED	-
REVISED	-
REVISED	-
REVISED	-

**LASALLE COUNTY
HIGHWAY DEPARTMENT**

**CH 15 (E 22nd RD)
CROSS SECTIONS**

SCALE: H=10 V=5 SHEET 25 OF 118 SHEETS STA. 202+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
288	15-00351-00-WR	LASALLE	236	143
CONTRACT NO. 87801			ILLINOIS FED. AID PROJECT	



FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

MODEL: EX_CH15 - 205+39.81 [Sheet]
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Hutchison Engineering, Inc.
 Jacksonville - Moline - Peoria - Shorewood
 Since 1945

USER NAME	= BDeCrane
DESIGNED	-
DRAWN	-
PLLOT SCALE	= 0.16666633 ' / in.
PLLOT DATE	= 6/14/2023

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

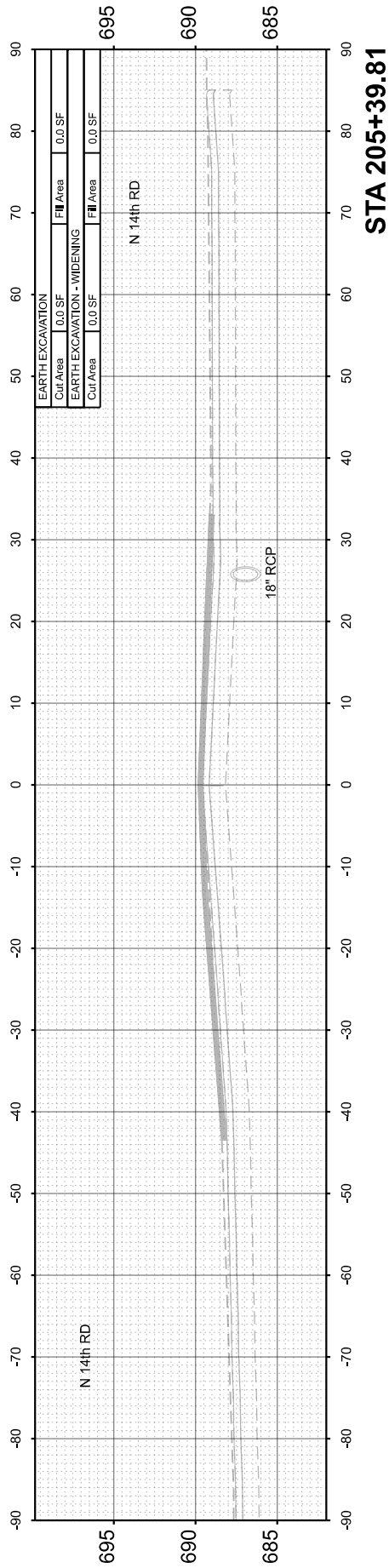
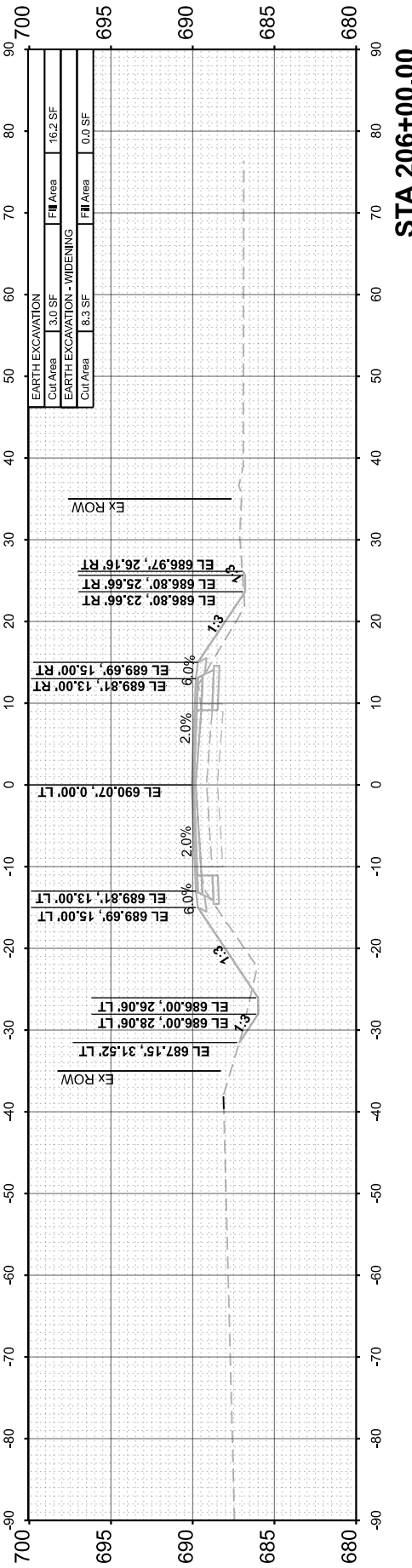
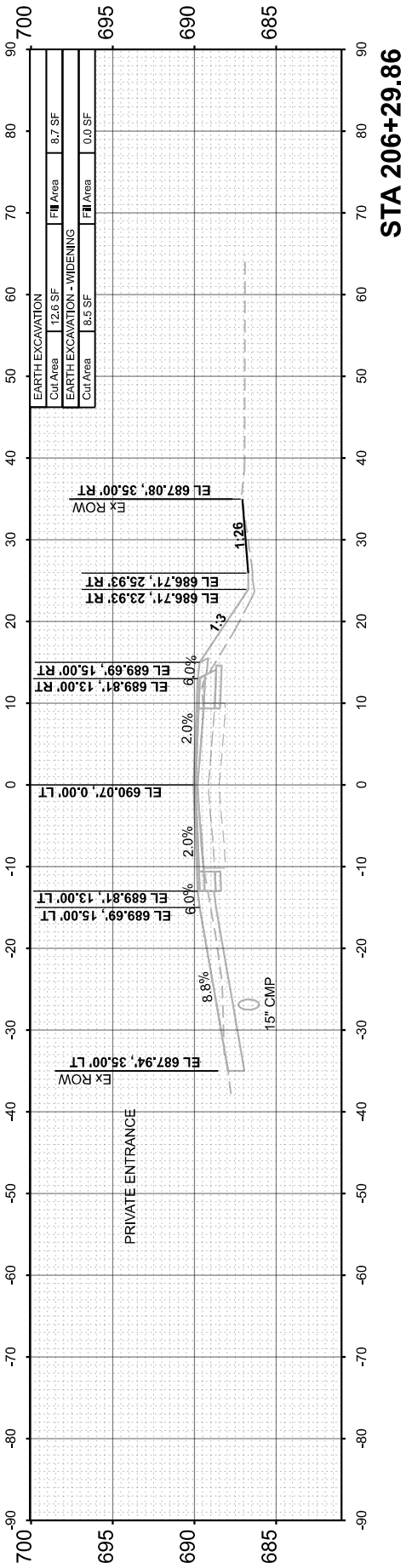
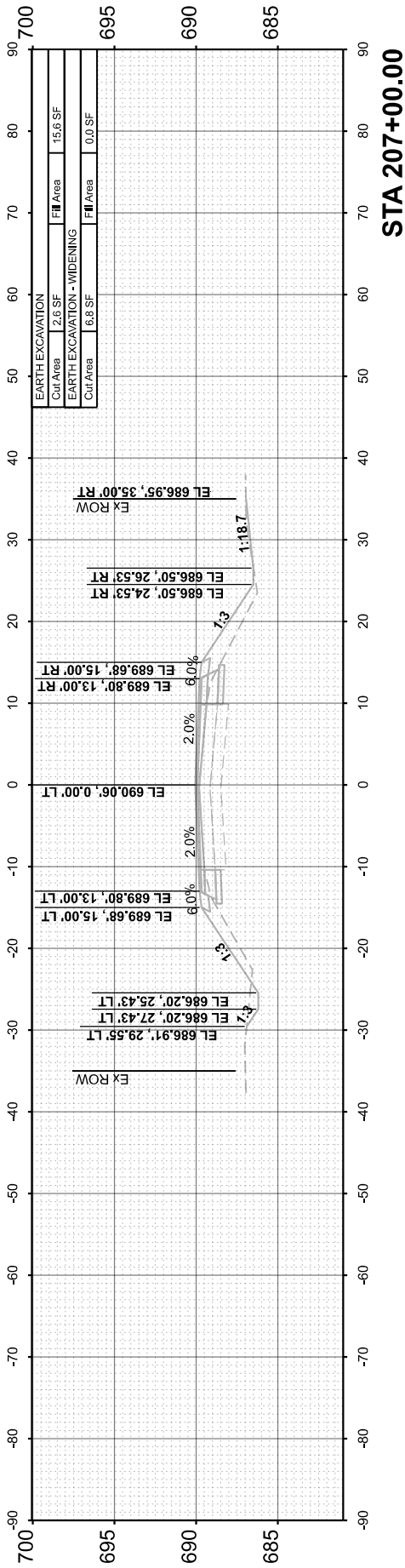
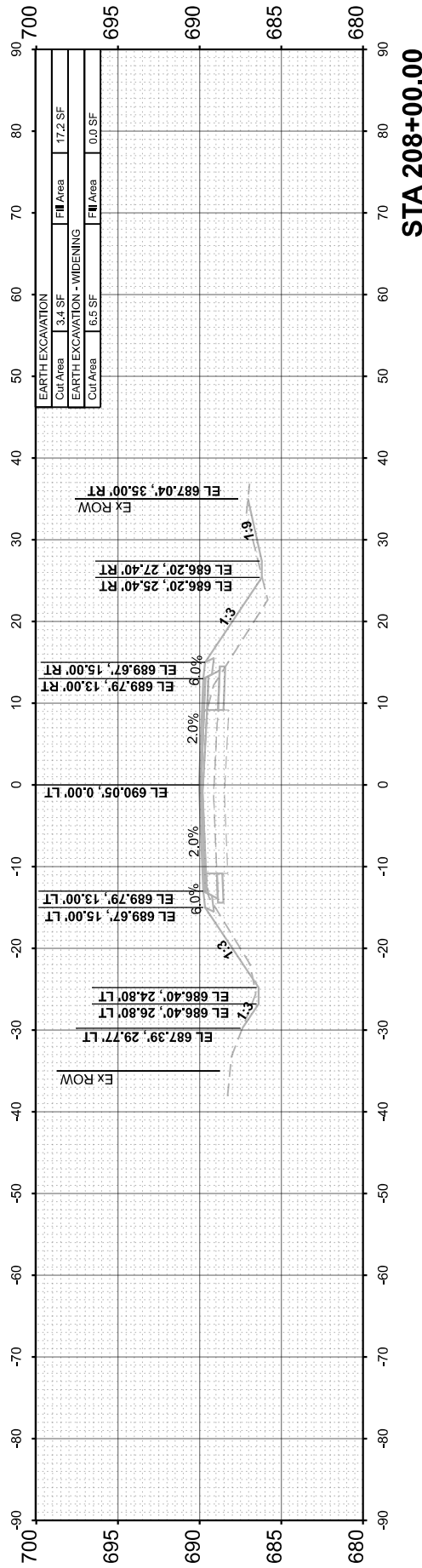
REVISED	-
REVISED	-
REVISED	-
REVISED	-

**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

SCALE: H=10 V=5 SHEET 26 OF 118 SHEETS STA. 205+39.81

**CH 15 (E 22nd RD)
 CROSS SECTIONS**

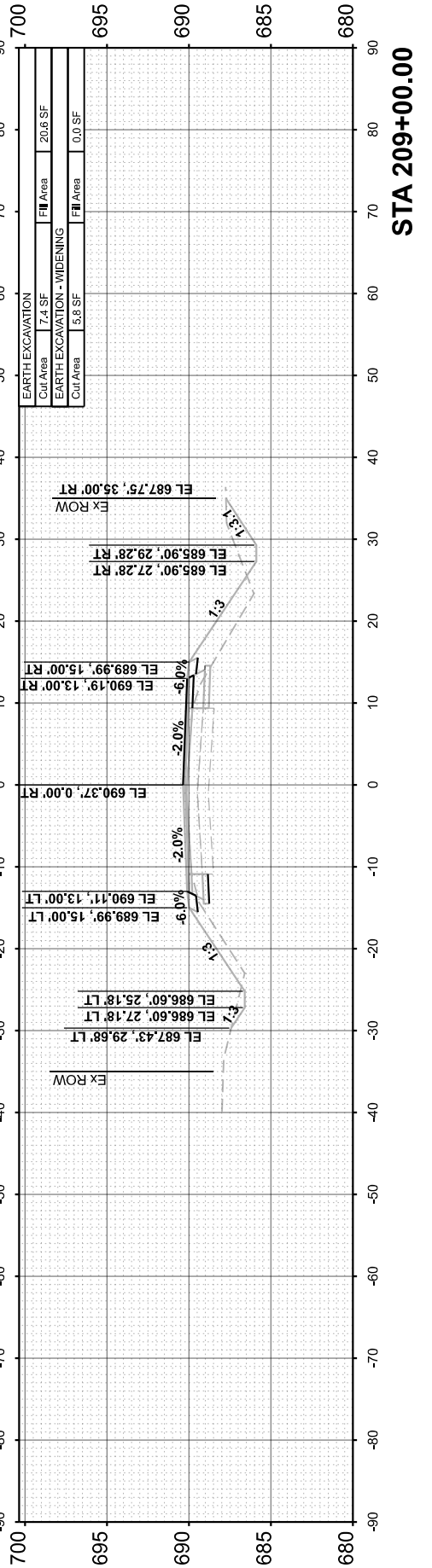
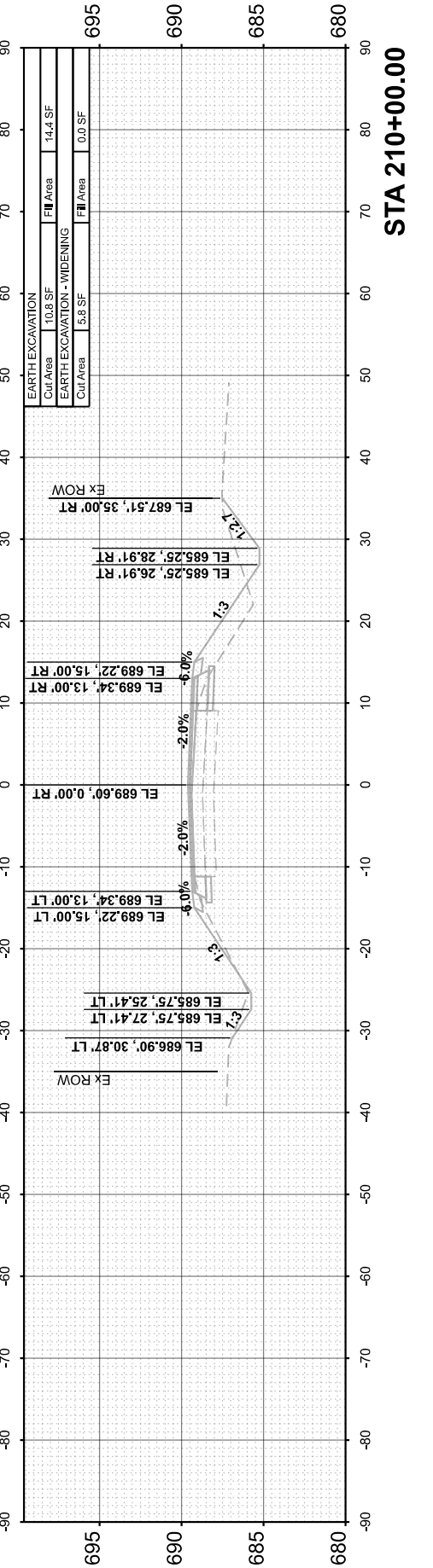
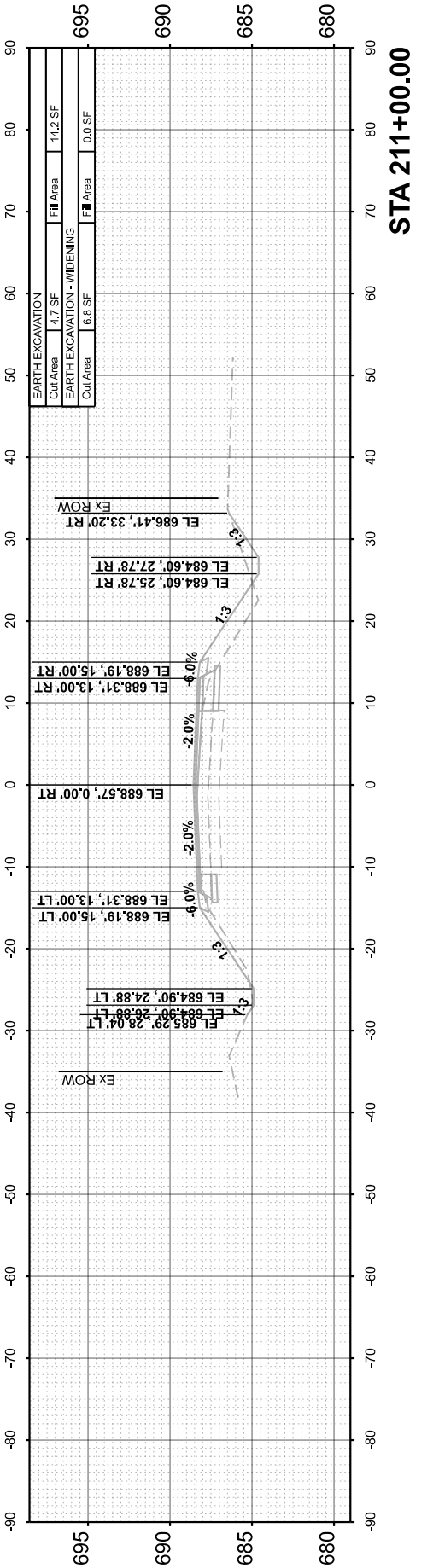
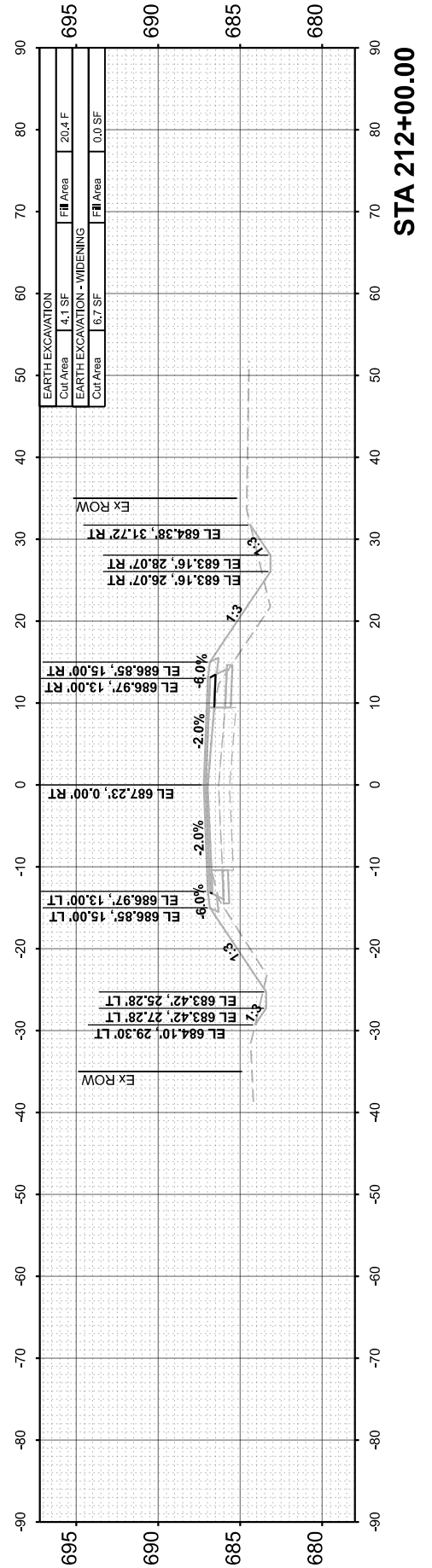
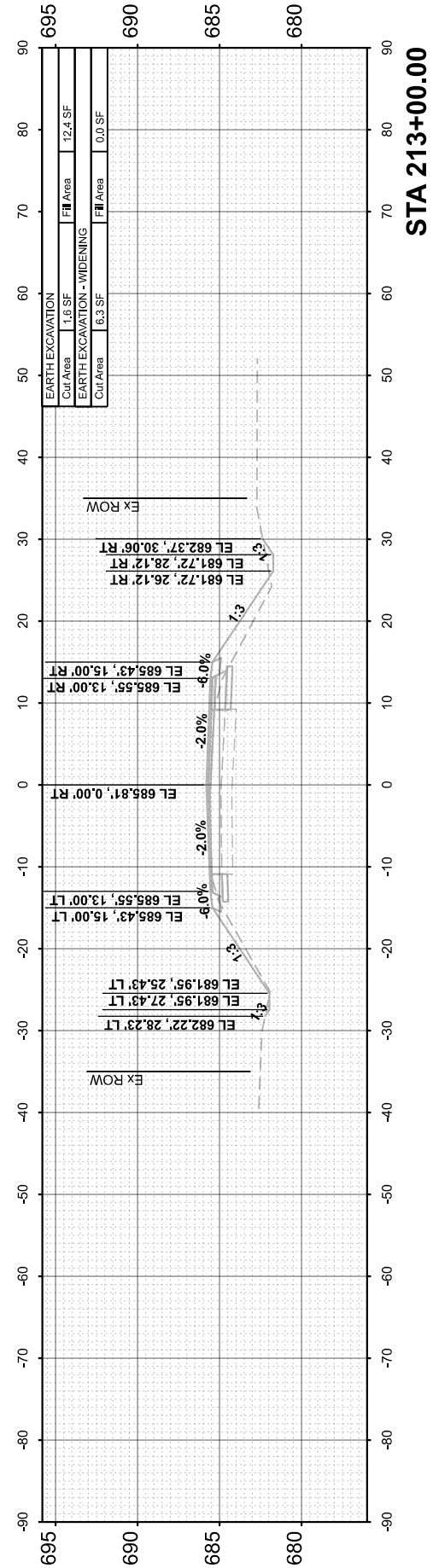
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
288	15-00351-00-WR	LASALLE	236	144
CONTRACT NO. 87801				
ILLINOIS		FED. AID PROJECT		



FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

MODEL: EX_CH15 - 209+00.00 [Sheet]
 FILE NAME: V35001 - CH15 Design Layout - Co/CADD/CADD Sheets/501 - str/csc-c02-2.dgn



Hutchison Engineering, Inc.
 Jacksonville - Moline - Peoria - Shorewood
 Since 1945

USER NAME = BDeCrane	DESIGNED -	REVISED -
PLOT SCALE = 0.16666633''/in.	DRAWN -	REVISED -
PLOT DATE = 6/14/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

SCALE: H=10 V=5	SHEET 27	OF 118 SHEETS	STA. 209+00.00
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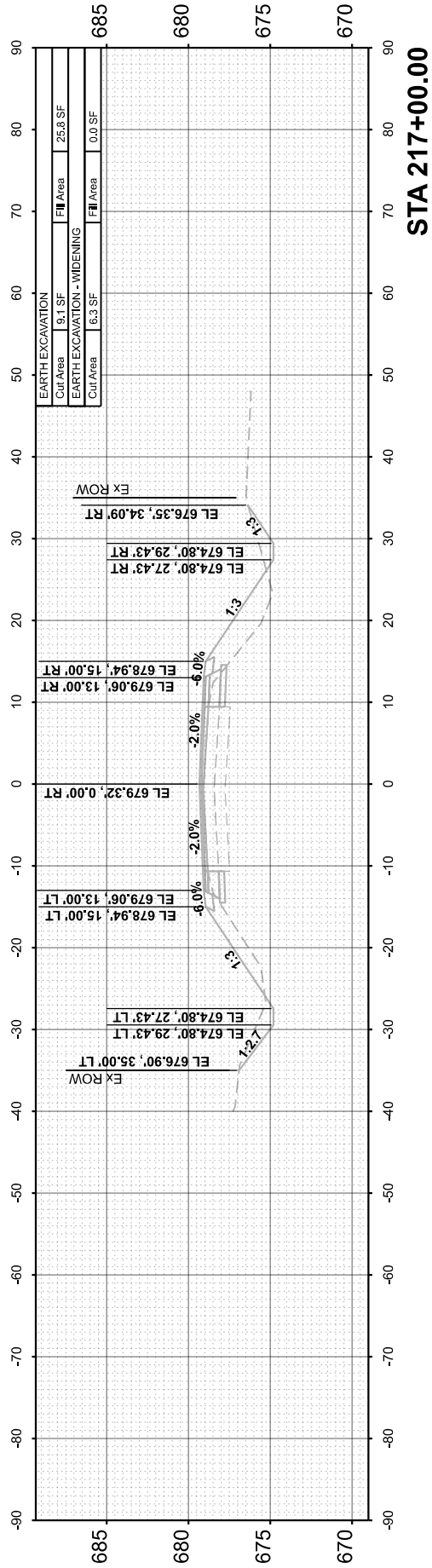
**CH 15 (E 22nd RD)
 CROSS SECTIONS**

F.A.S. RTE. 288	SECTION 15-00351-00-WR	COUNTY LASALLE	TOTAL SHEETS 236	SHEET NO. 145
CONTRACT NO. 87801				
ILLINOIS		FED. AID PROJECT		

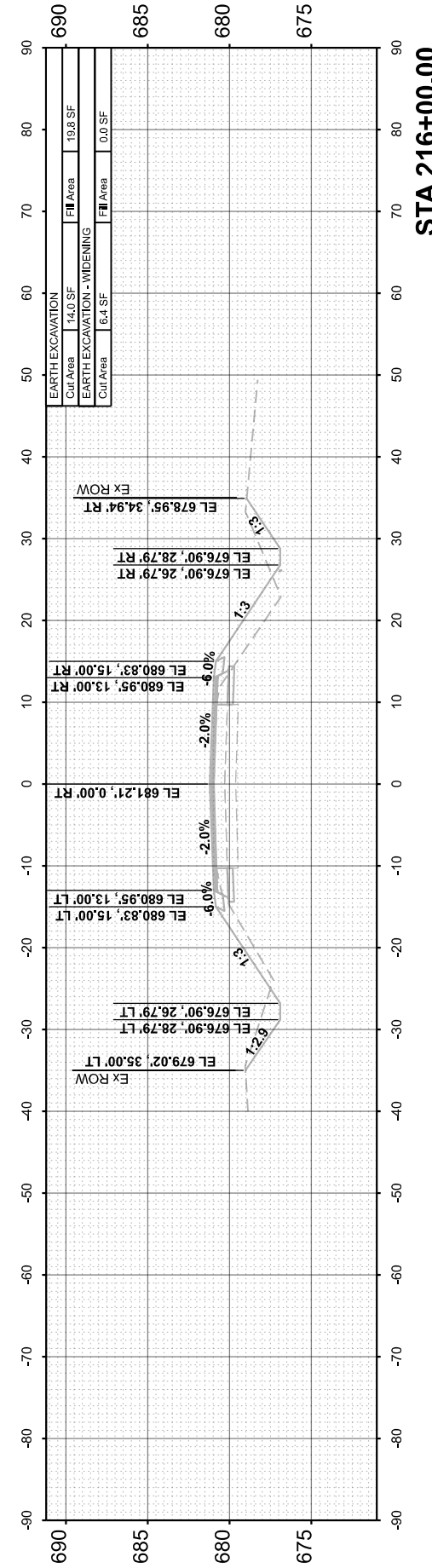
FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		
	AREAS CHECKED		

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

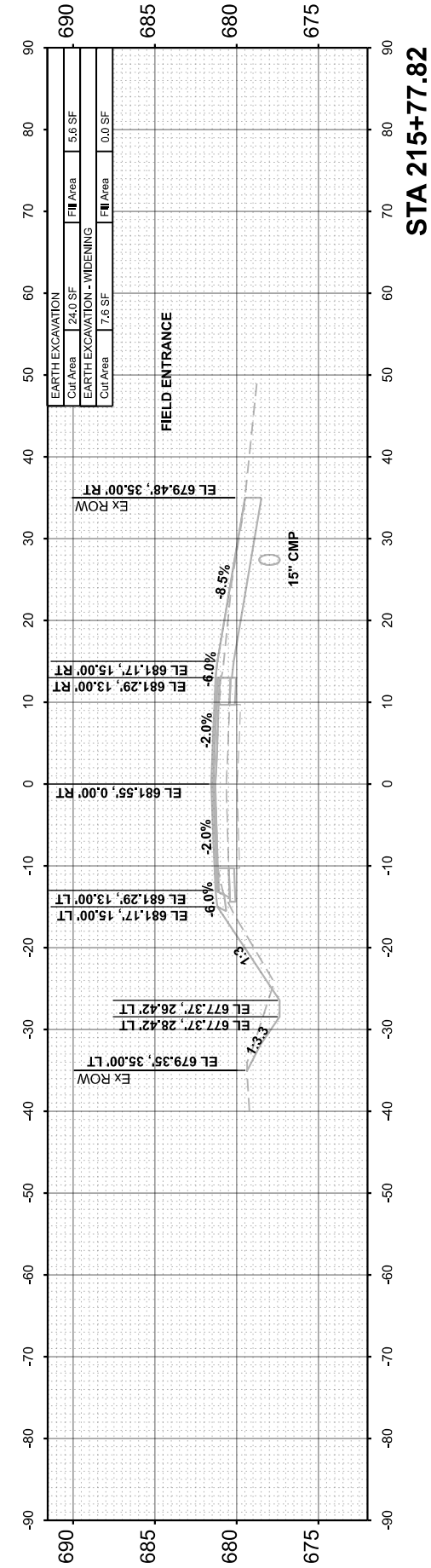
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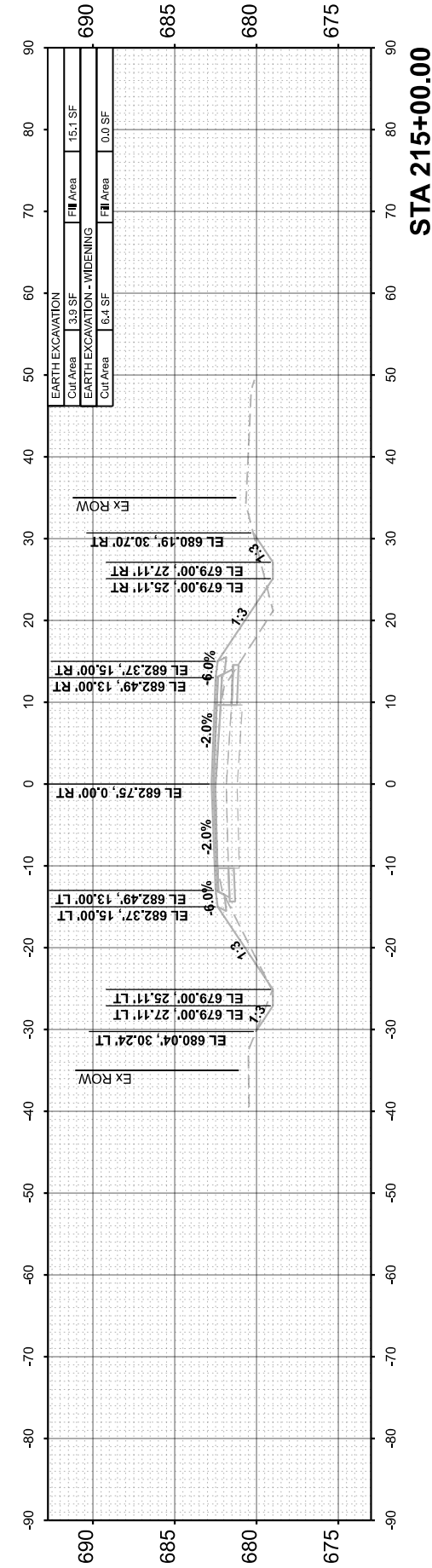
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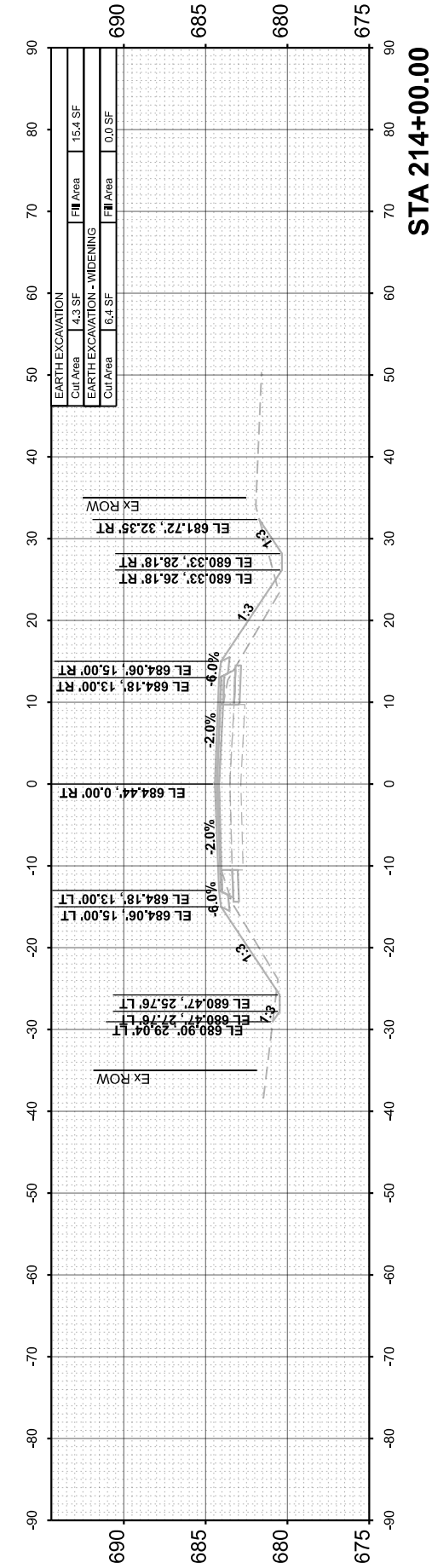
STA 216+00.00



STA 215+77.82



STA 215+00.00



STA 214+00.00

Hutchison Engineering, Inc.
 Jacksonville - Moline - Peoria - Shorewood
 Since 1945

USER NAME	= BDeCrane	DESIGNED	-
		DRAWN	-
PLOT SCALE	= 0.16666633''/in.	CHECKED	-
PLOT DATE	= 6/14/2023	DATE	-
		REVISED	-
		REVISED	-
		REVISED	-
		REVISED	-

**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

**CH 15 (E 22nd RD)
 CROSS SECTIONS**

SCALE: H=10 V=5 SHEET 28 OF 118 SHEETS STA. 214+00.00

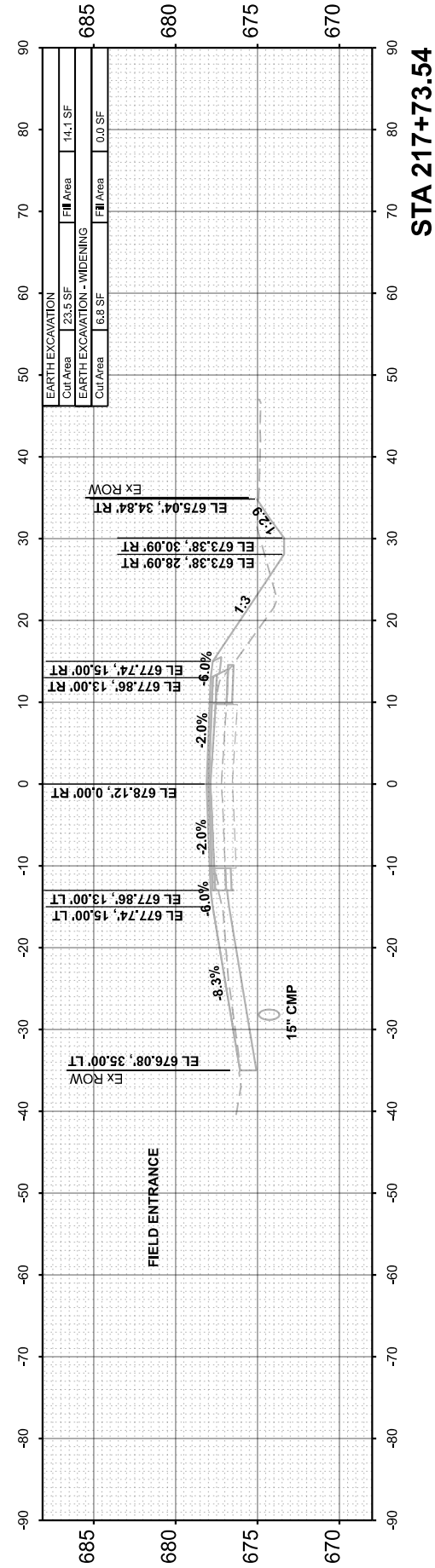
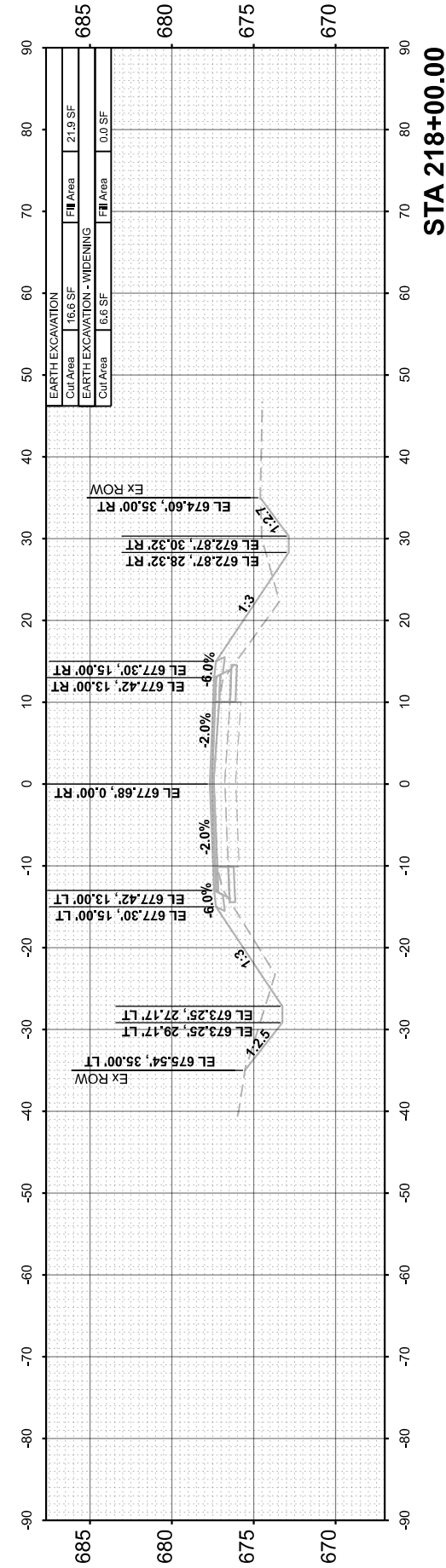
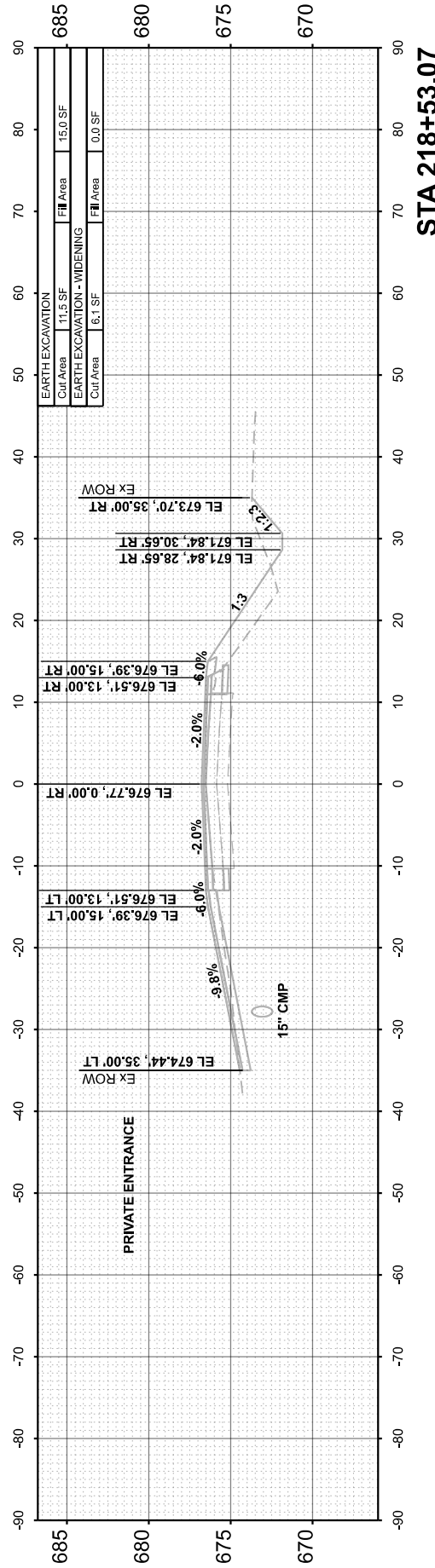
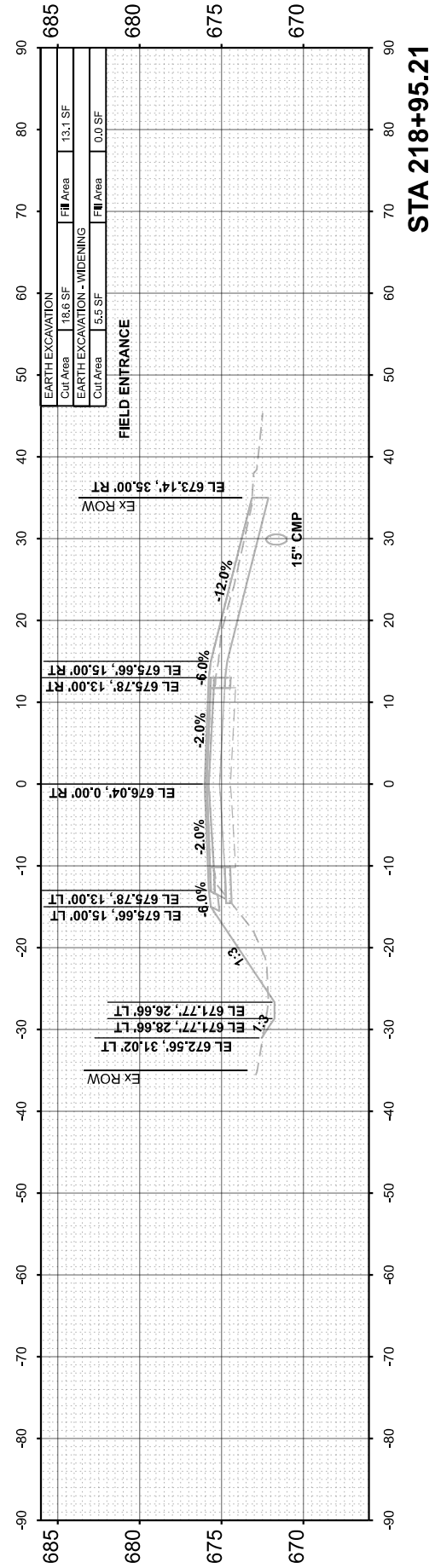
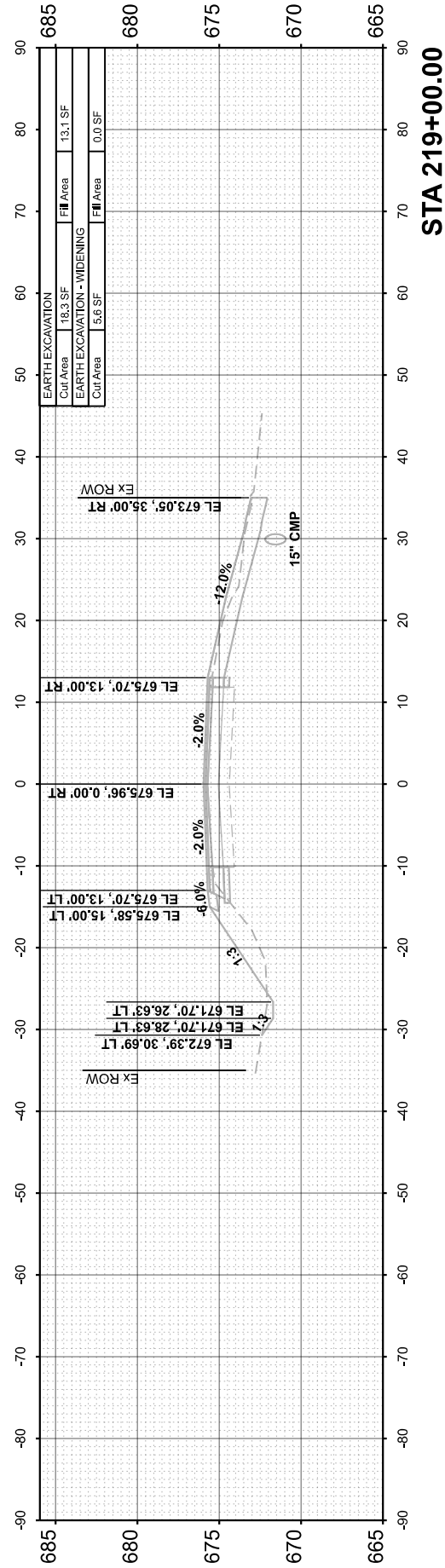
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
288	15-00351-00-WR	LASALLE	236	146
				CONTRACT NO. 87801
		ILLINOIS	FED. AID PROJECT	

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

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

MODEL: EX_CH15 - 217+73.54 (Sheet)
 FILE NAME: V35001 - CH15 Design Layout - Co/CADD/CADD Sheets/501 - str/csc-cp-2.dgn

Hutchison Engineering, Inc.
 Jacksonville - Moline - Peoria - Shorewood
 Since 1945



**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

**CH 15 (E 22nd RD)
 CROSS SECTIONS**

SCALE: H=10 V=5 SHEET 29 OF 118 SHEETS STA. 217+73.54

USER NAME =	BDDeCrane	DESIGNED -	REVISIED -
PLOT SCALE =	0.16666633''/in.	DRAWN -	REVISIED -
PLOT DATE =	6/14/2023	CHECKED -	REVISIED -
		DATE -	REVISIED -

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
288	15-00351-00-WR	LASALLE	236	147
CONTRACT NO. 87801				
ILLINOIS		FED. AID PROJECT		

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

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

MODEL: EX_CH15 - 220+00.00 (Sheet)
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Hutchison Engineering, Inc.
 Jacksonville - Moline - Peoria - Shorewood
 Since 1945

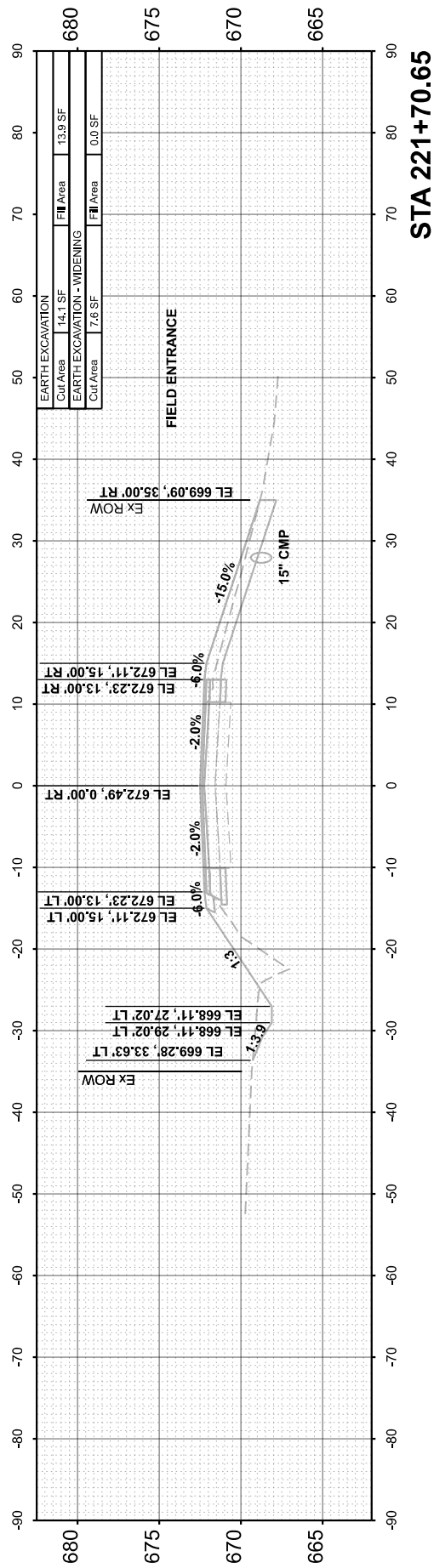
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PLOT DATE = 6/14/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

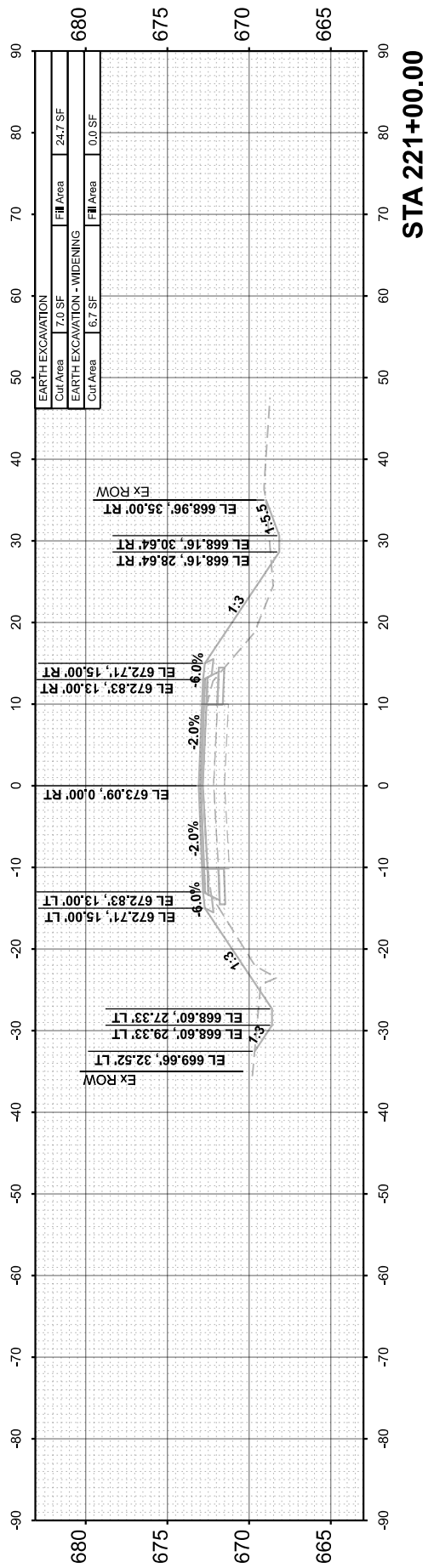
**CH 15 (E 22nd RD)
 CROSS SECTIONS**

SCALE: H=10 V=5 SHEET 30 OF 118 SHEETS STA. 220+00.00

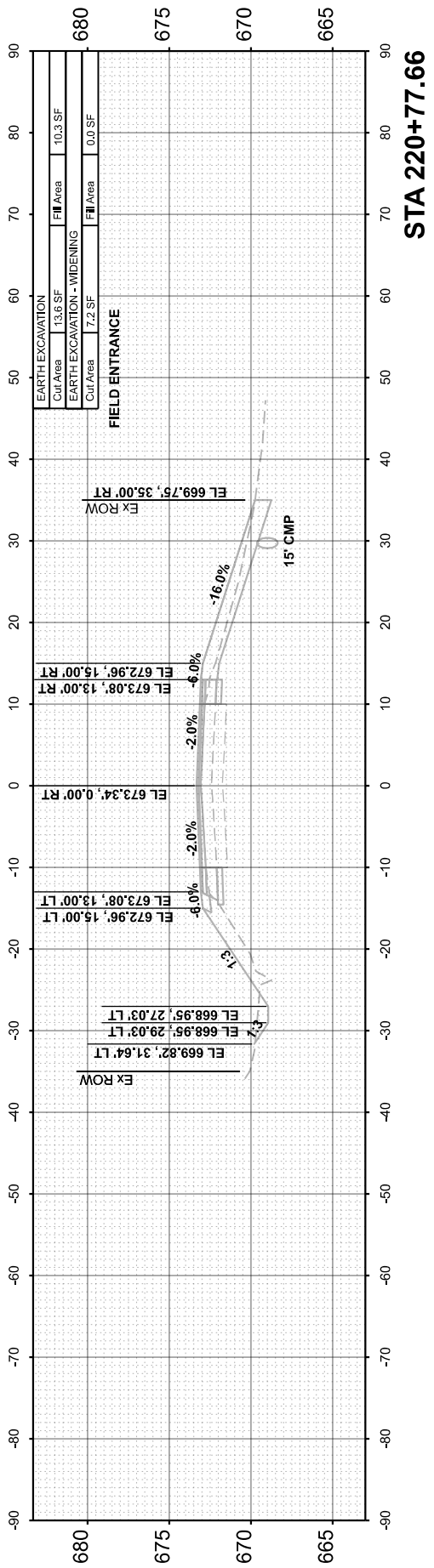
F.A.S. RTE. 288	SECTION 15-00351-00-WR	COUNTY LASALLE	TOTAL SHEETS 236	SHEET NO. 148
CONTRACT NO. 87801				
ILLINOIS		FED. AID PROJECT		



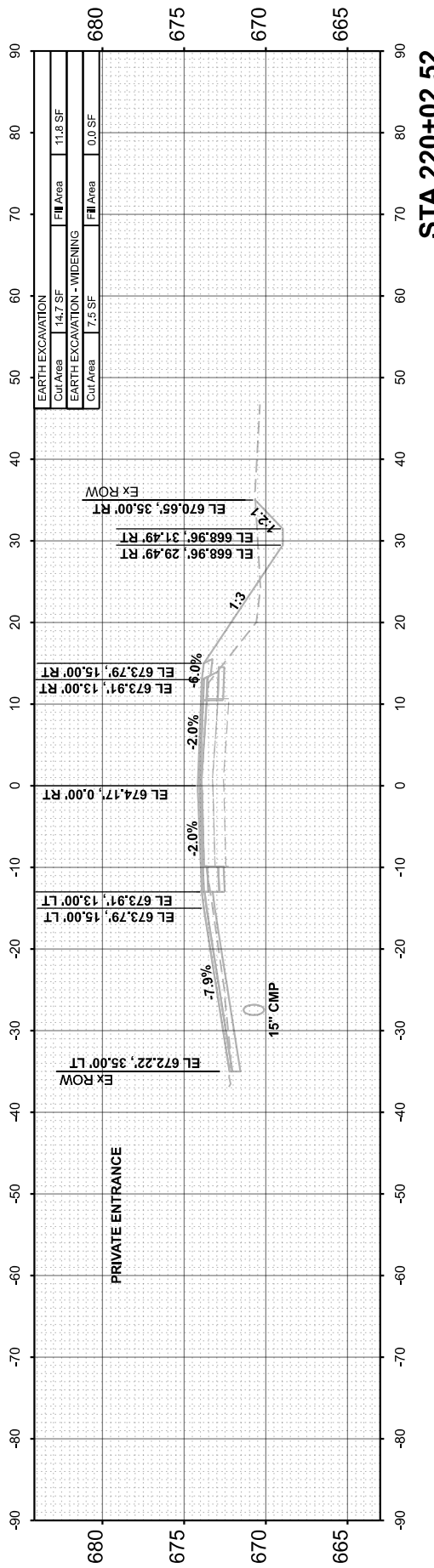
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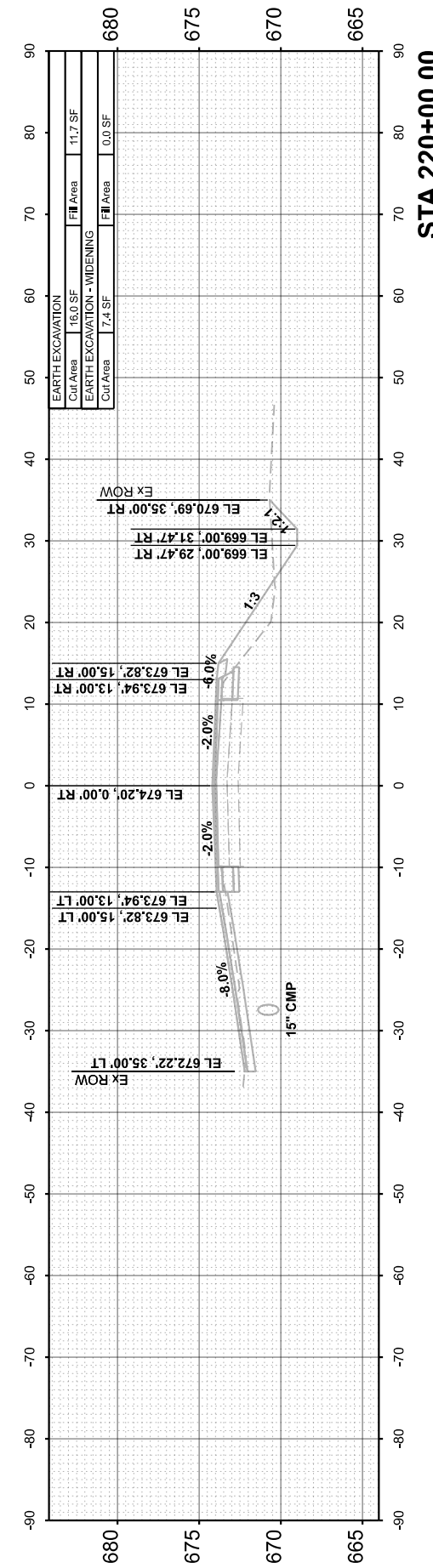
STA 221+00.00



STA 220+77.66



STA 220+02.52



STA 220+00.00

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

MODEL: EX_CH15 - 221+93.90 [Sheet]
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Hutchison Engineering, Inc.
 Jacksonville - Moline - Peoria - Shorewood
 Since 1945

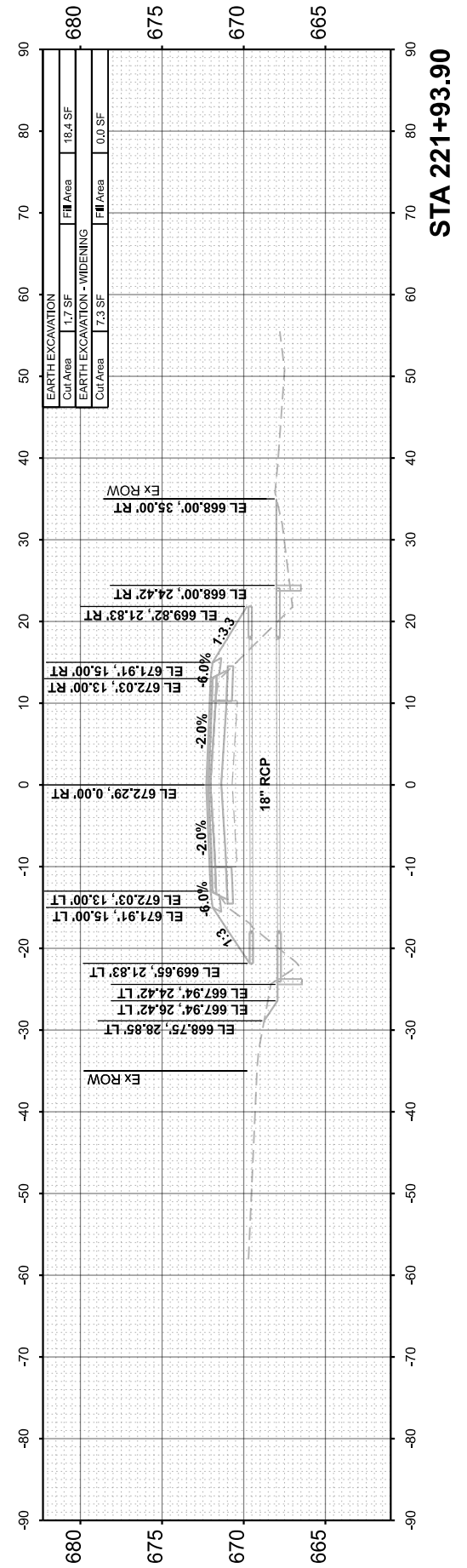
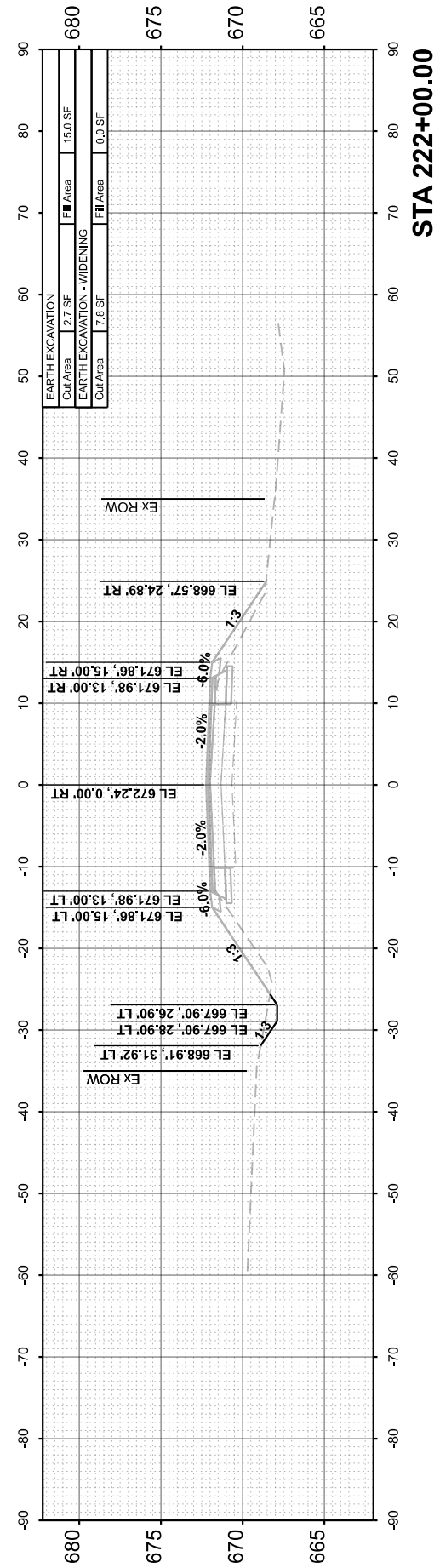
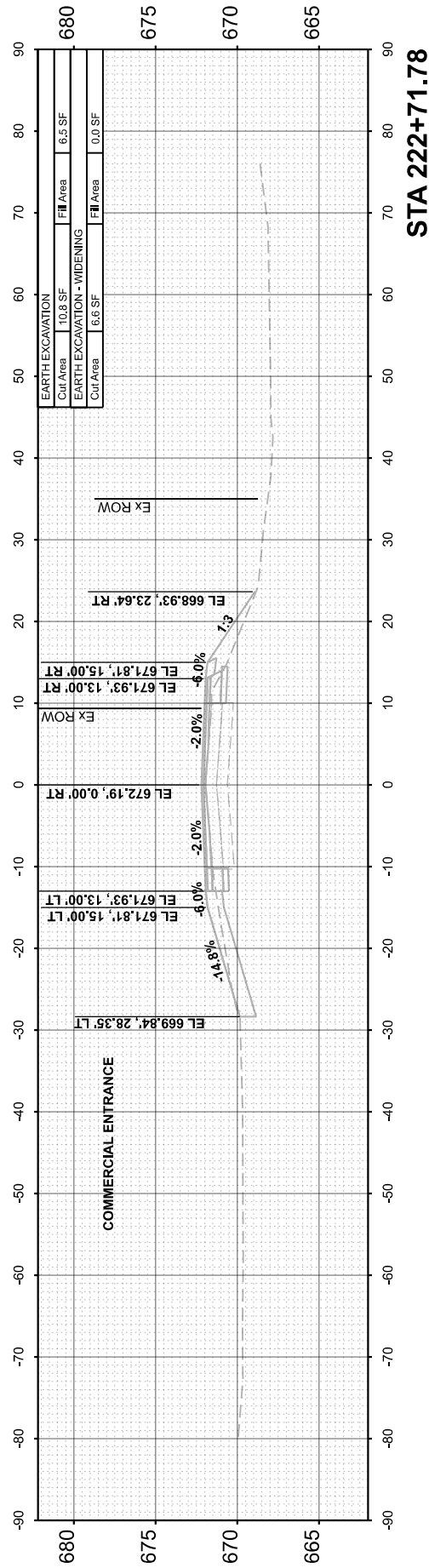
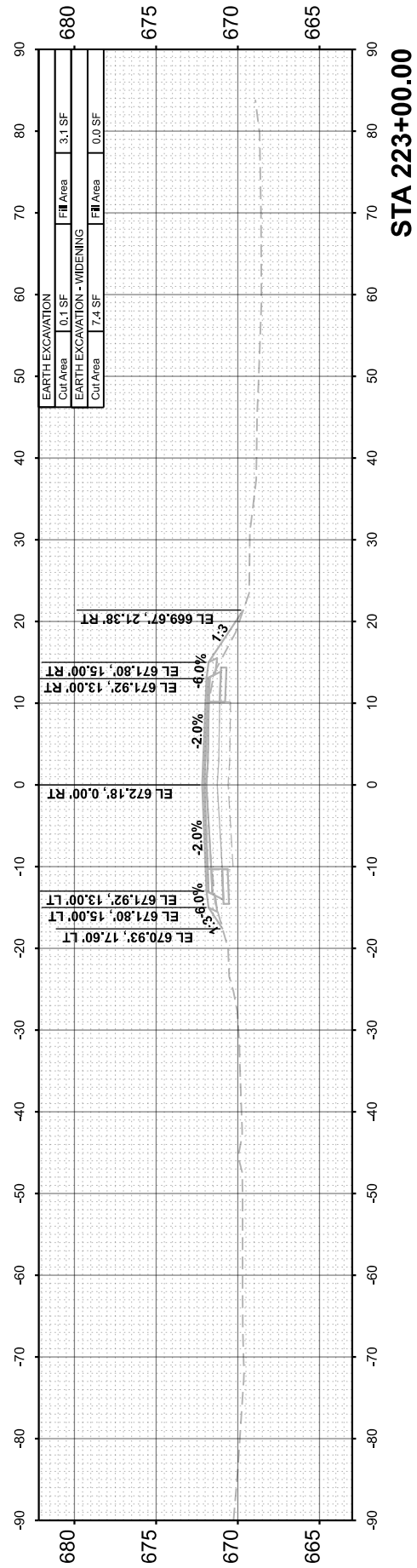
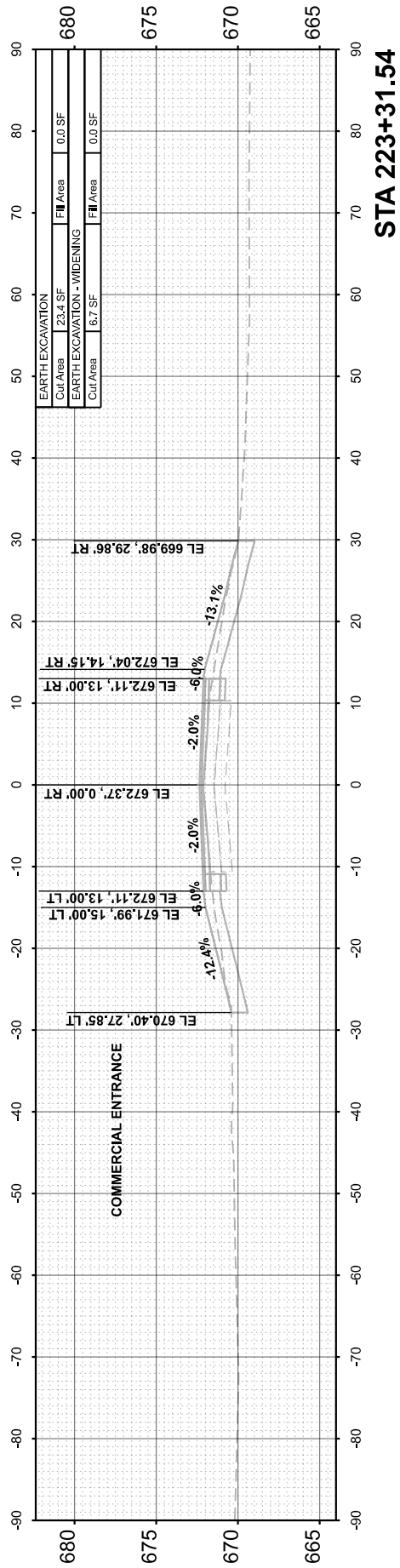
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PLOT SCALE = 0.16666633''/in.	DRAWN -	REVISED -
PLOT DATE = 6/14/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

**CH 15 (E 22nd RD)
 CROSS SECTIONS**

SCALE: H=10 V=5 SHEET 31 OF 118 SHEETS STA. 221+93.90

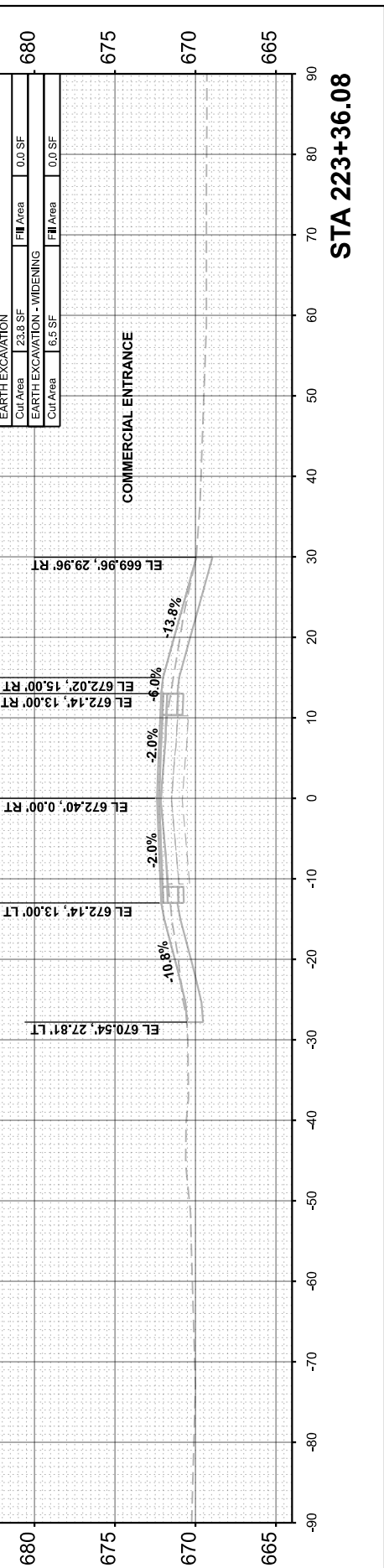
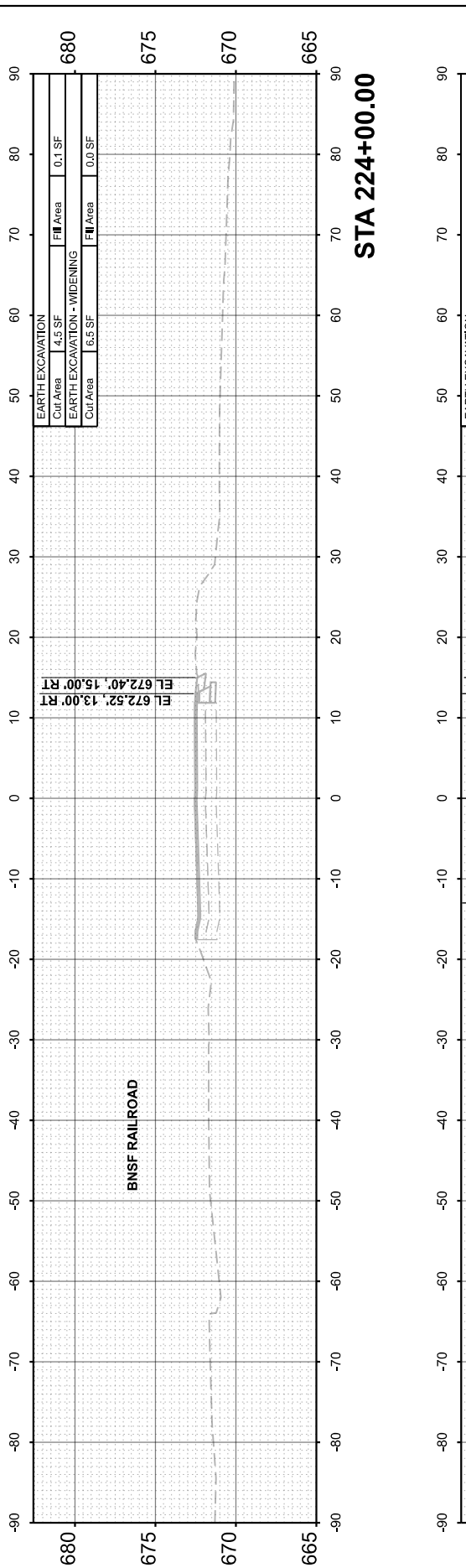
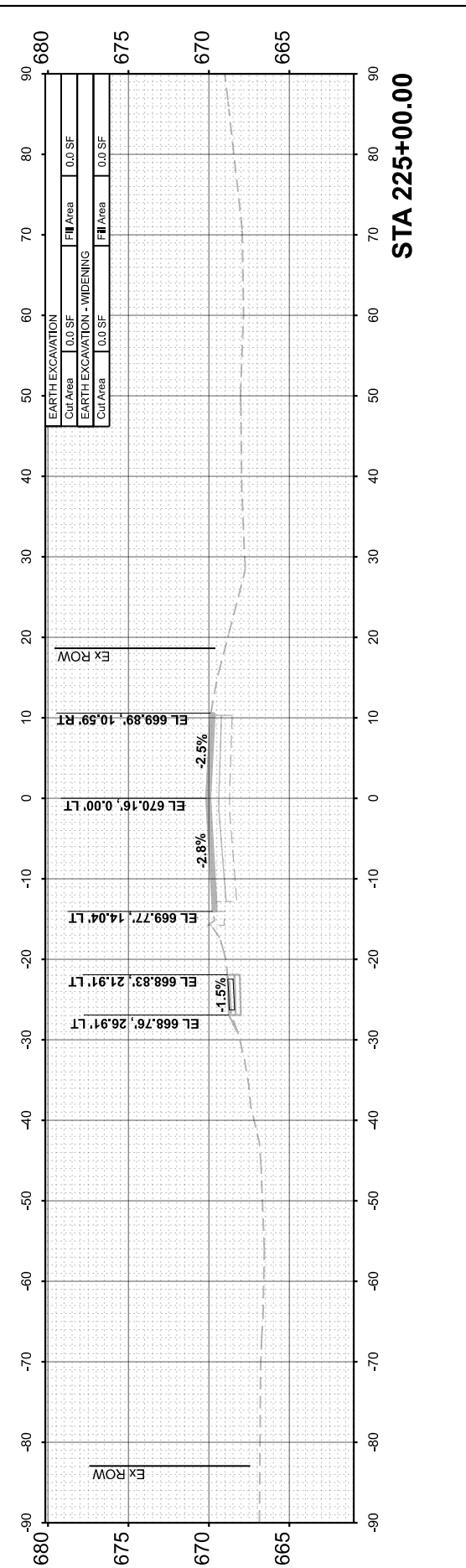
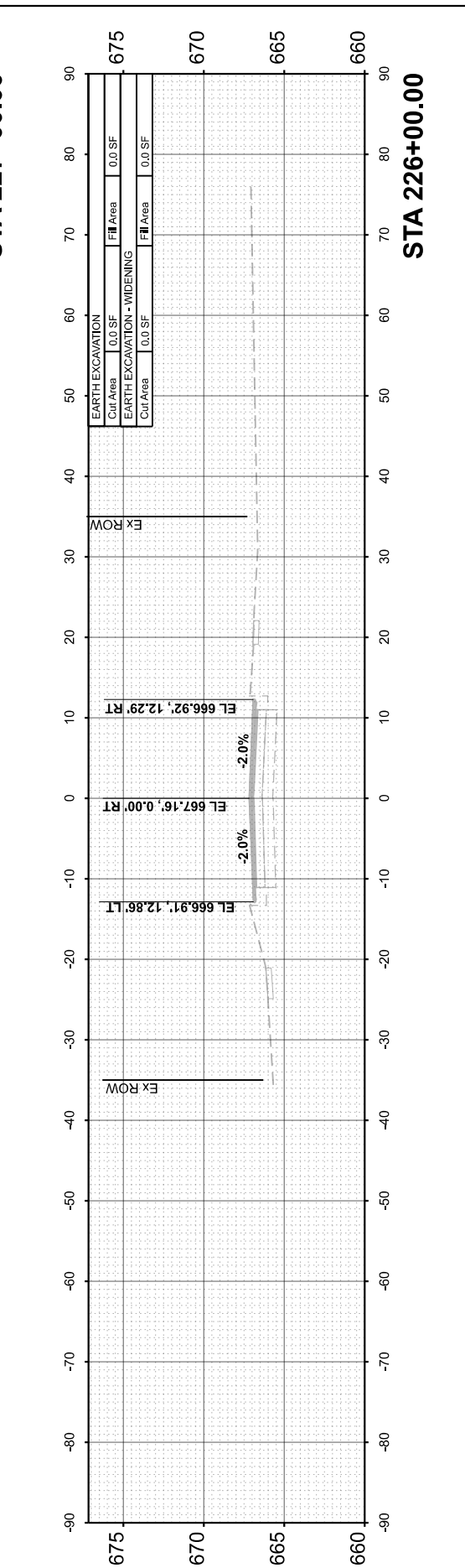
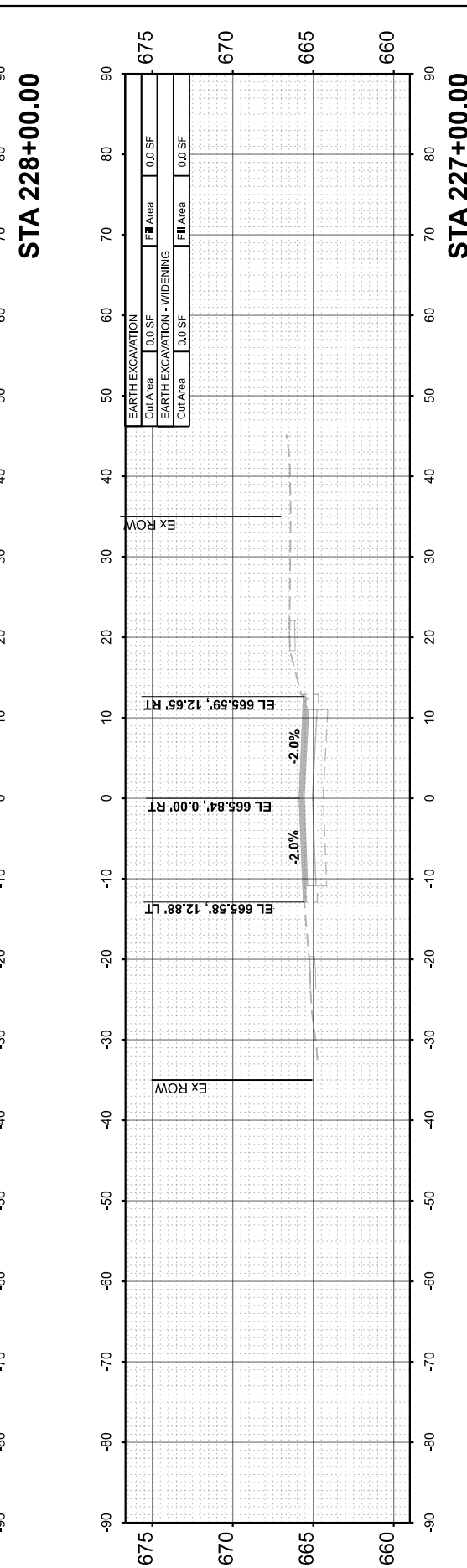
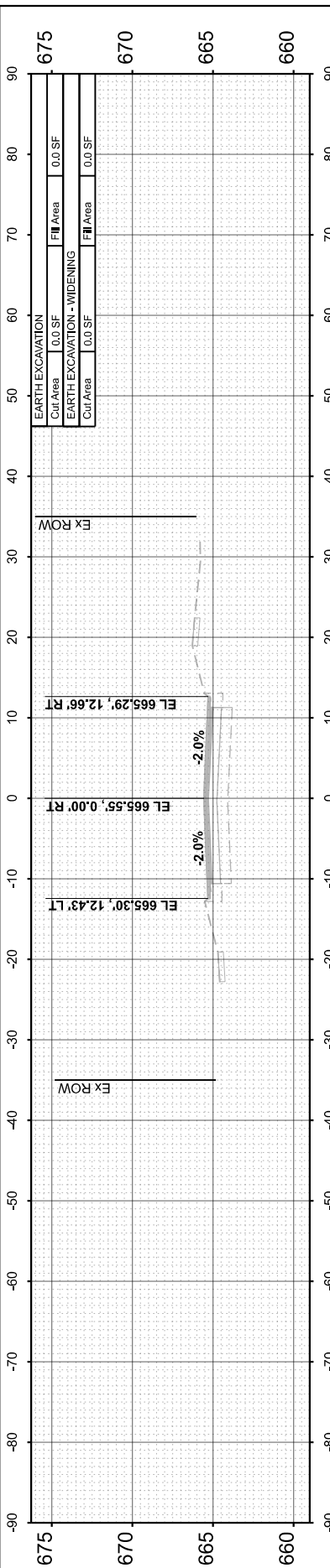
F.A.S. RTE. 288	SECTION 15-00351-00-WR	COUNTY LASALLE	TOTAL SHEETS 236	SHEET NO. 149
CONTRACT NO. 87801			ILLINOIS FED. AID PROJECT	



FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

MODEL: EX_CH15 - 223+36.08 (Sheet)
 FILE NAME: V35001 - CH15 Design.Lasalle Co.CADD\CADD Sheets\500 - strcsc-c02-2.dgn



Hutchison Engineering, Inc.
 Jacksonville - Moline - Peoria - Shorewood
 Since 1945

USER NAME	= BDcraene
PLOT SCALE	= 0.16666633' / in.
PLOT DATE	= 6/14/2023

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

REVISED	-
REVISED	-
REVISED	-
REVISED	-

**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

SCALE: H=10 V=5	SHEET 32	OF 118 SHEETS	STA. 223+36.08
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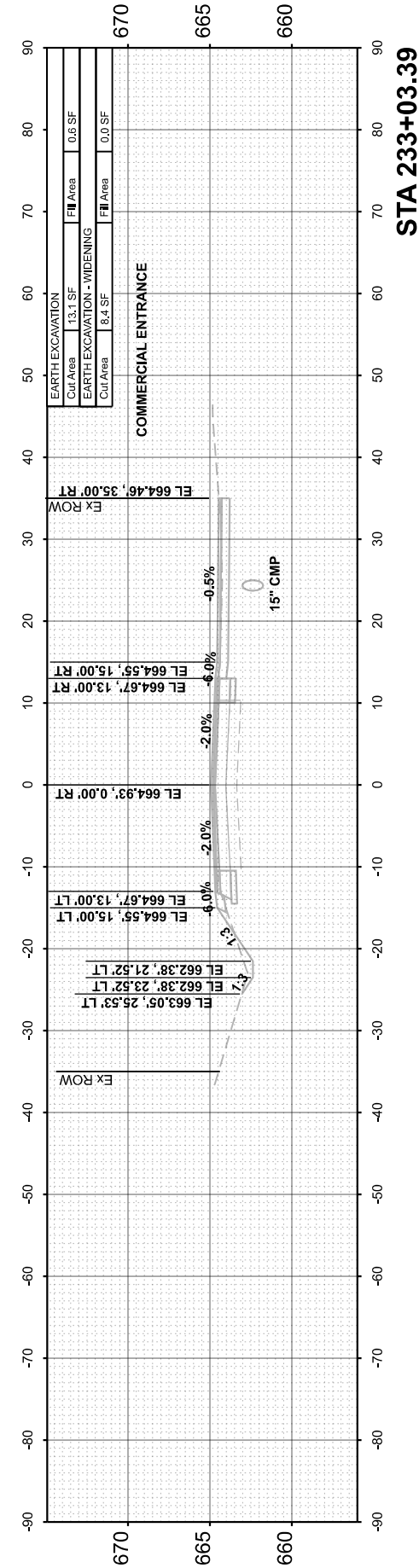
**CH 15 (E 22nd RD)
 CROSS SECTIONS**

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
288	15-00351-00-WR	LASALLE	236	150
				CONTRACT NO. 87801
		ILLINOIS	FED. AID PROJECT	

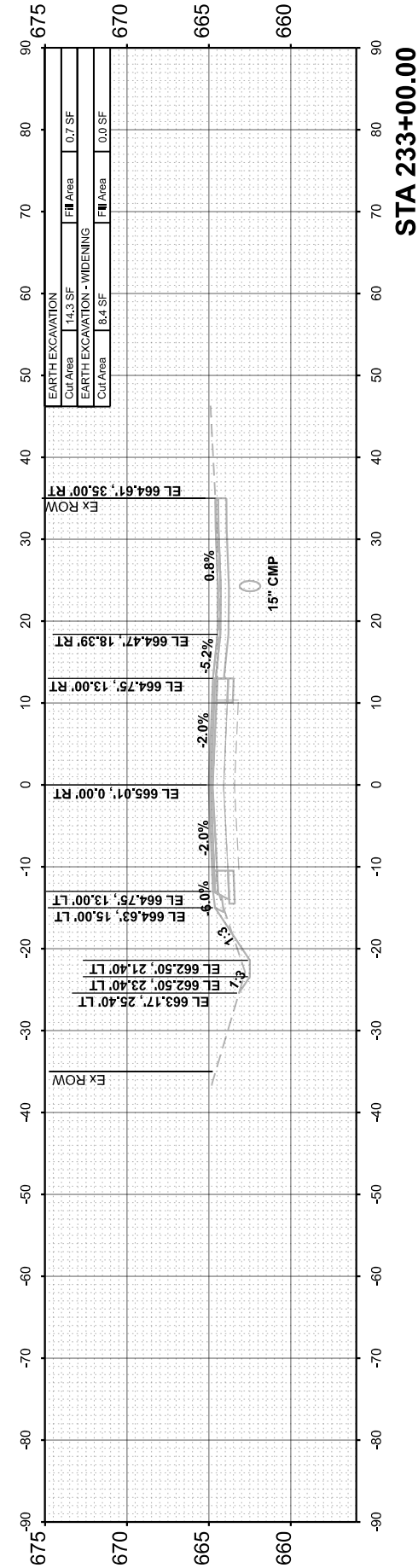
FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		
	AREAS CHECKED		

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

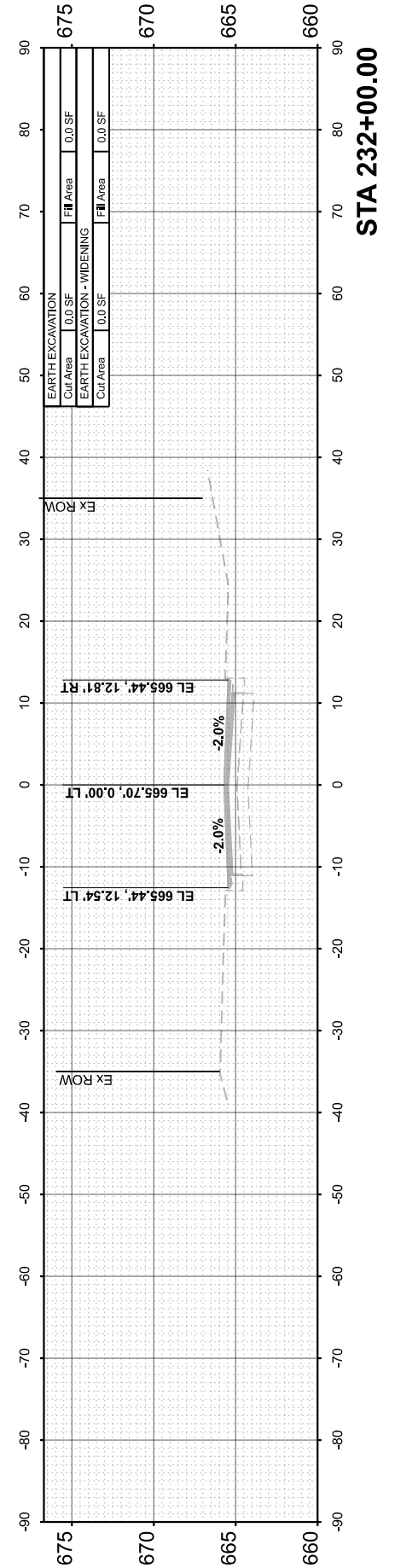
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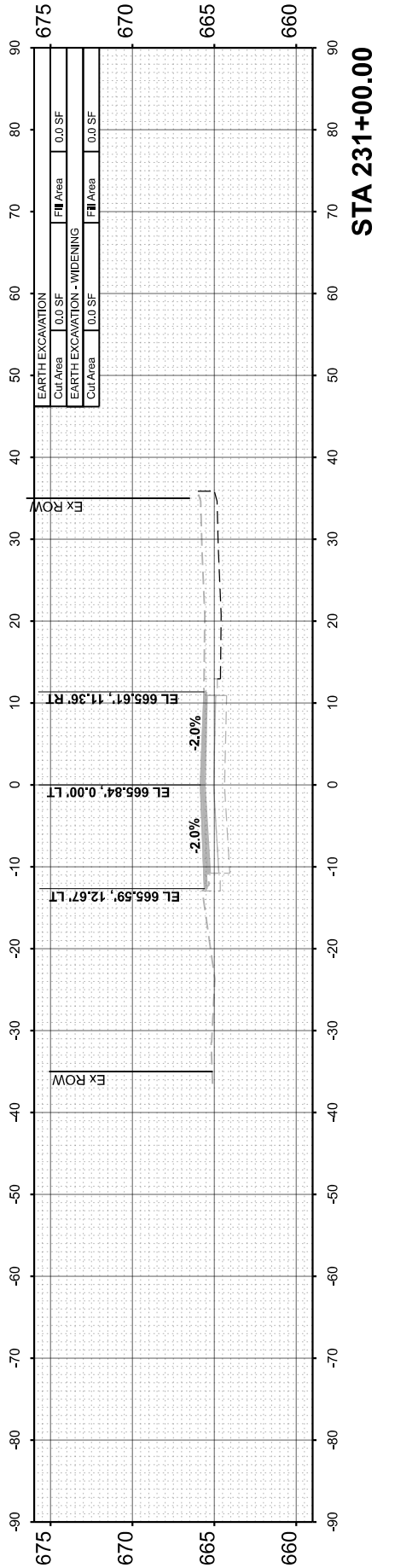
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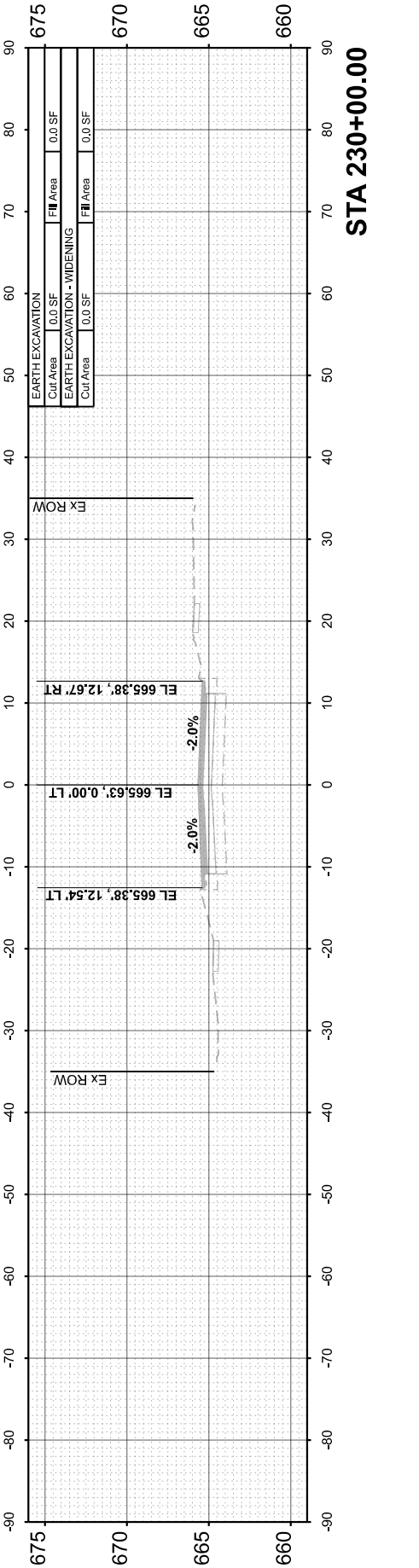
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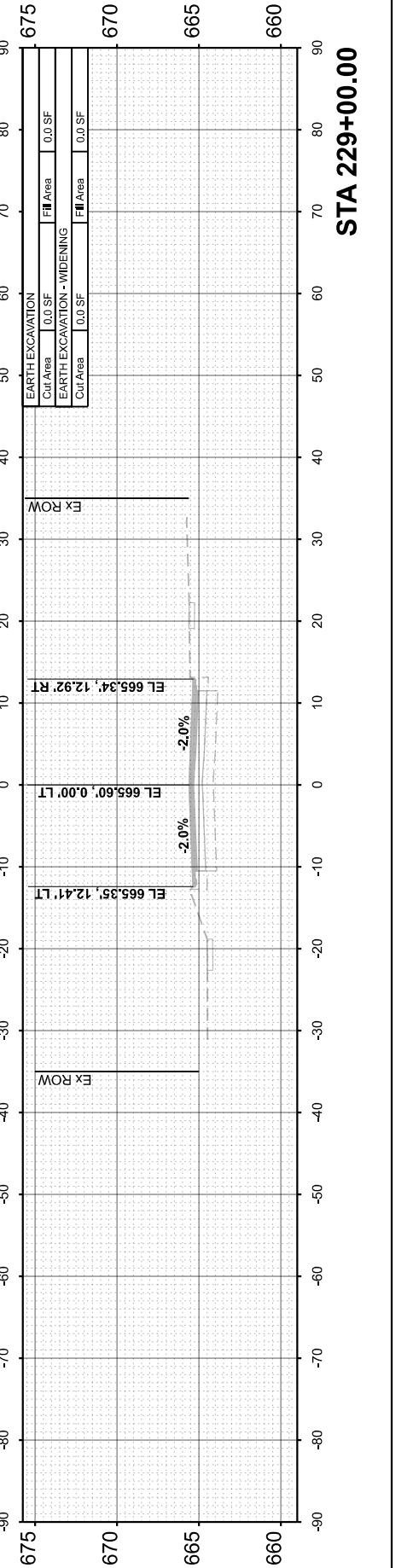
STA 232+00.00



STA 231+00.00



STA 230+00.00



STA 229+00.00

Hutchison Engineering, Inc.
 Jacksonville - Moline - Peoria - Shorewood
 Since 1945

USER NAME	= BDeCrane
PLOT SCALE	= 0.16666633' / in.
PLOT DATE	= 6/14/2023

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

REVISED	-
REVISED	-
REVISED	-
REVISED	-

**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

SCALE: H=10 V=5	SHEET 33	OF 118 SHEETS	STA. 229+00.00
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**CH 15 (E 22nd RD)
 CROSS SECTIONS**

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
288	15-00351-00-WR	LASALLE	236	151
				CONTRACT NO. 87801
ILLINOIS		FED. AID PROJECT		

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

MODEL: EX_CH15 - 234+00.00 (Sheet)
 FILE NAME: V35001 - CH15 Design - Lasalle Co.CADD\CADD Sheets\501 - str-cs-c-02.dgn

Hutchison Engineering, Inc.
 Jacksonville - Moline - Peoria - Shorewood
 Since 1945

USER NAME	= BDeCraene
DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-
PLOT SCALE	= 0.16666633''/in.
PLOT DATE	= 6/14/2023

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

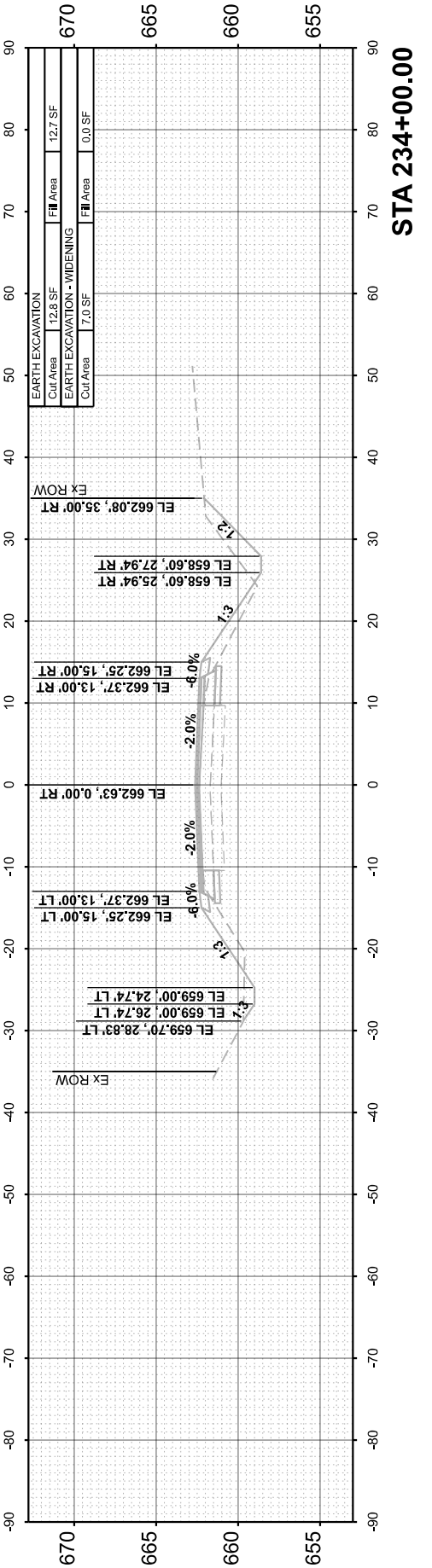
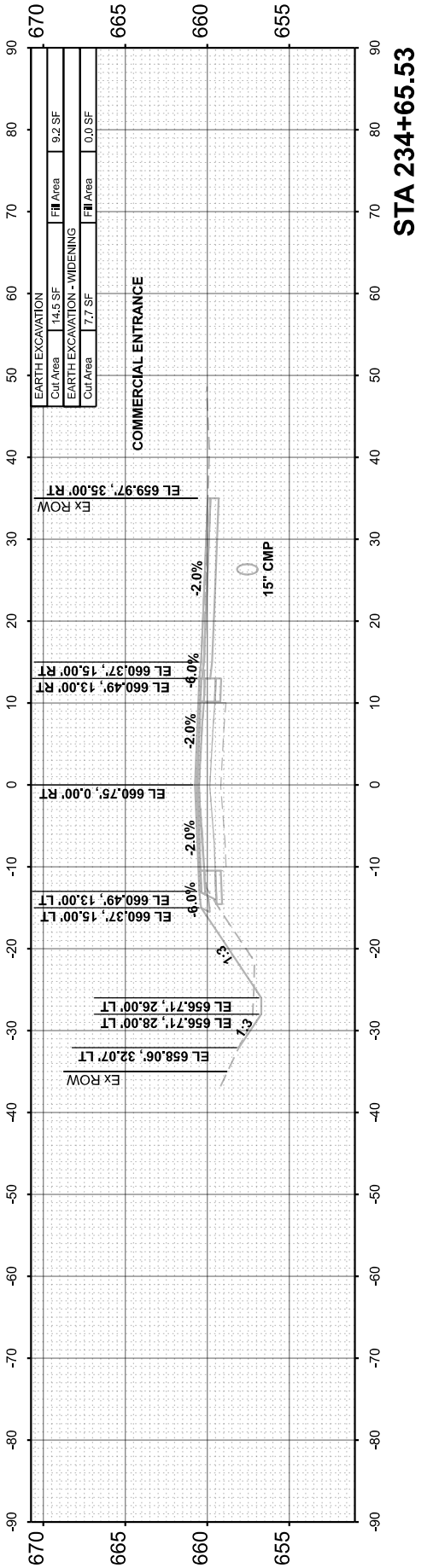
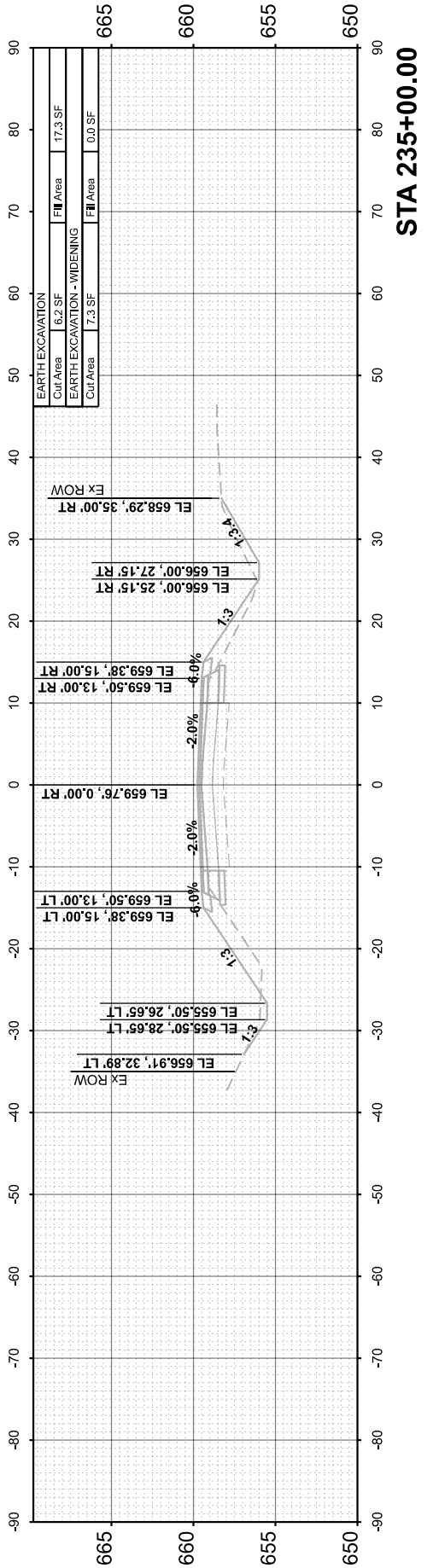
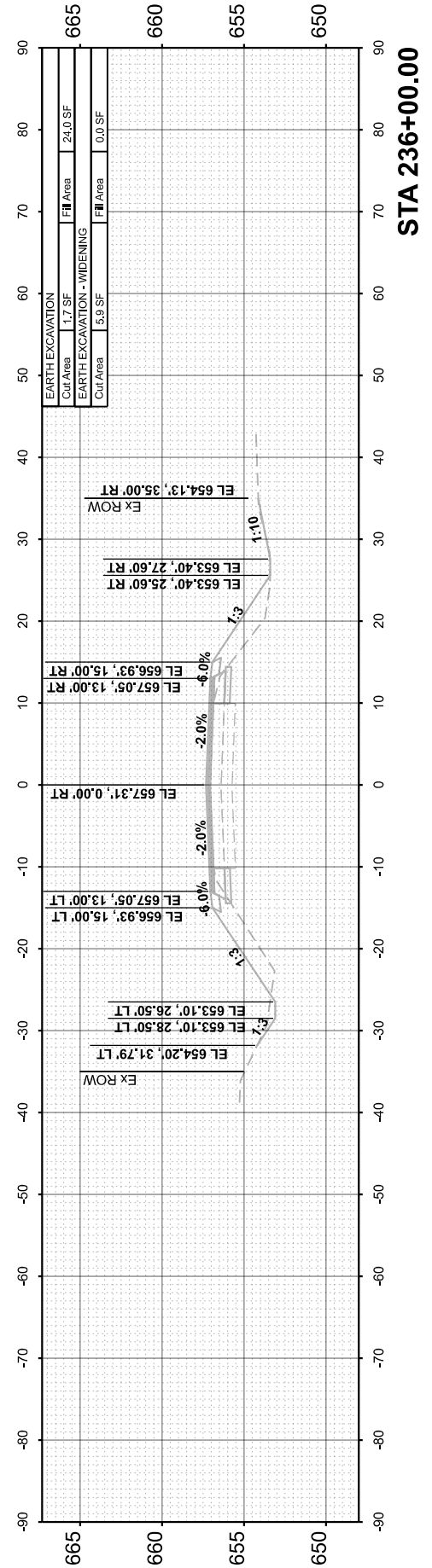
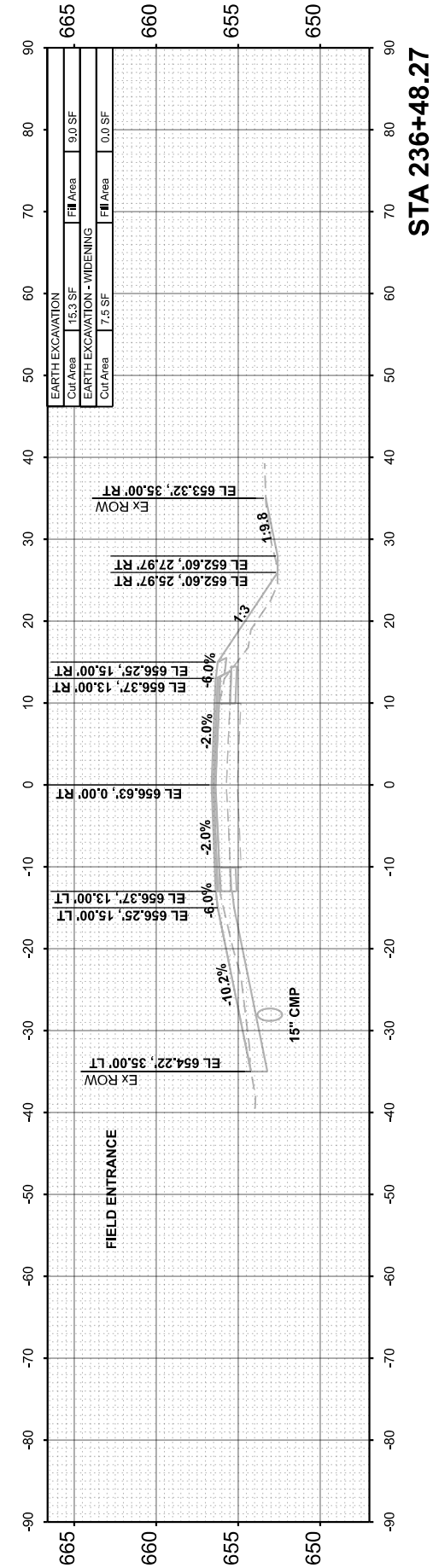
REVISED	-
REVISED	-
REVISED	-
REVISED	-

**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

SCALE: H=10 V=5 SHEET 34 OF 118 SHEETS STA. 234+00.00

**CH 15 (E 22nd RD)
 CROSS SECTIONS**

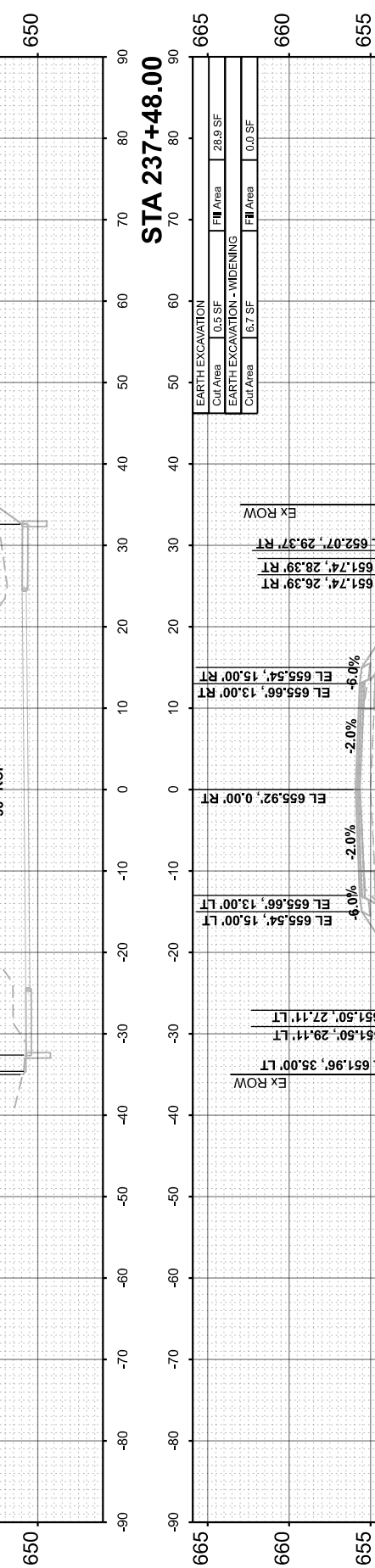
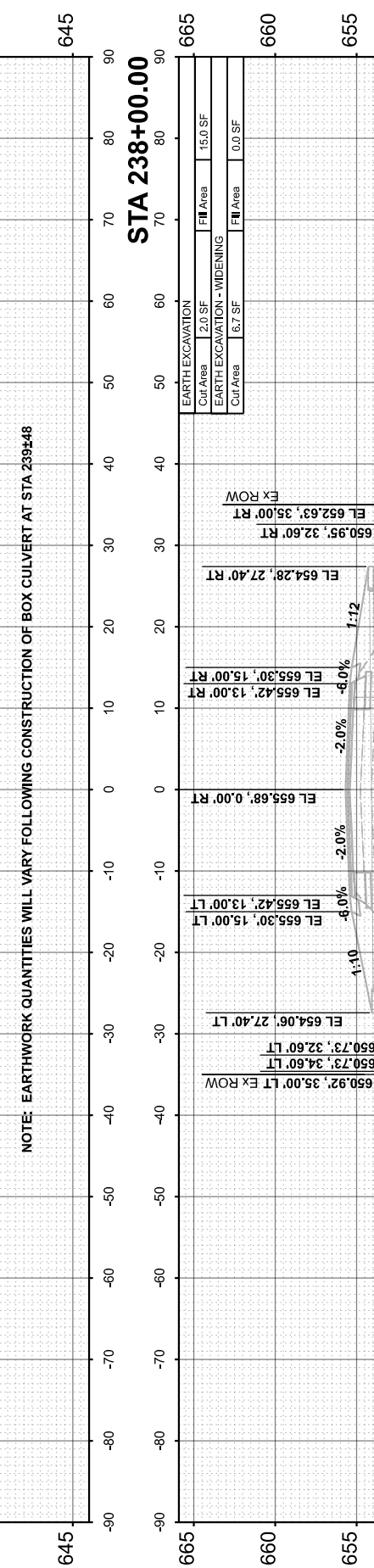
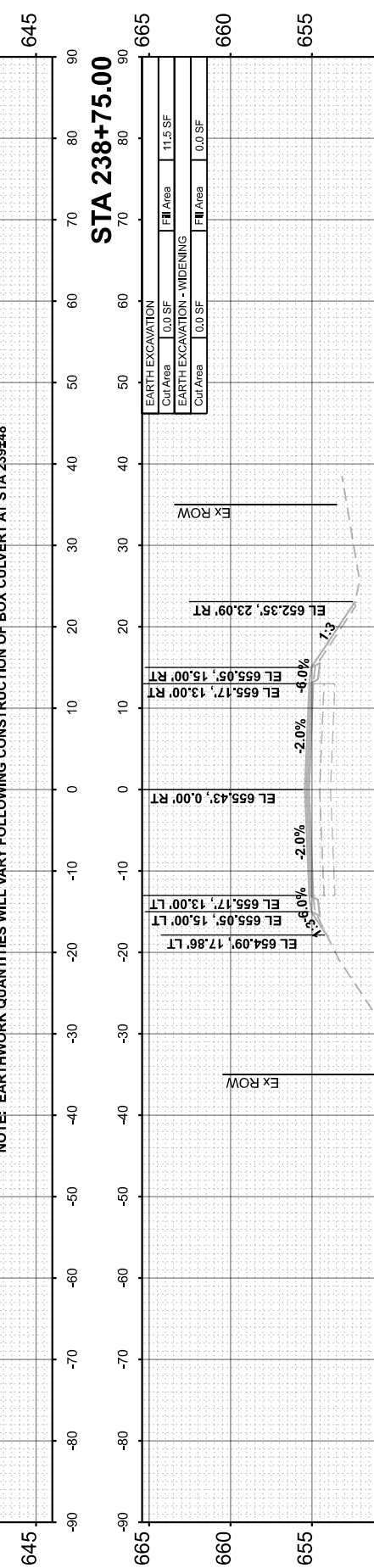
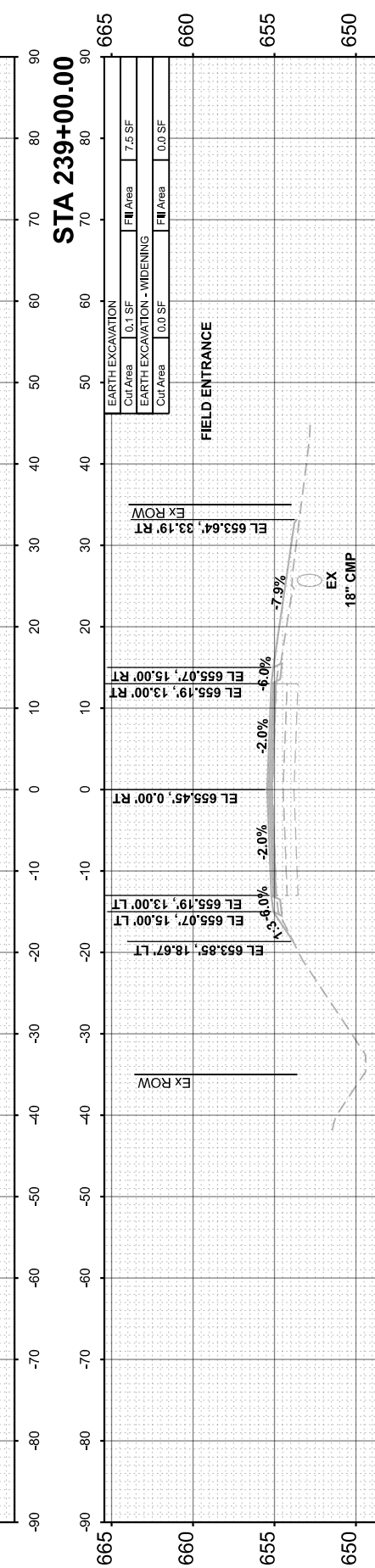
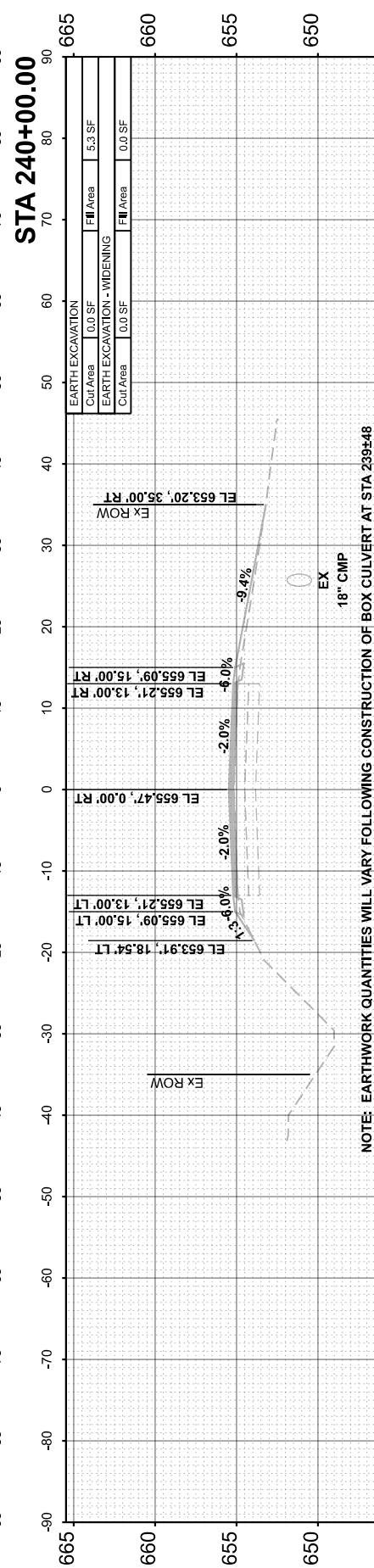
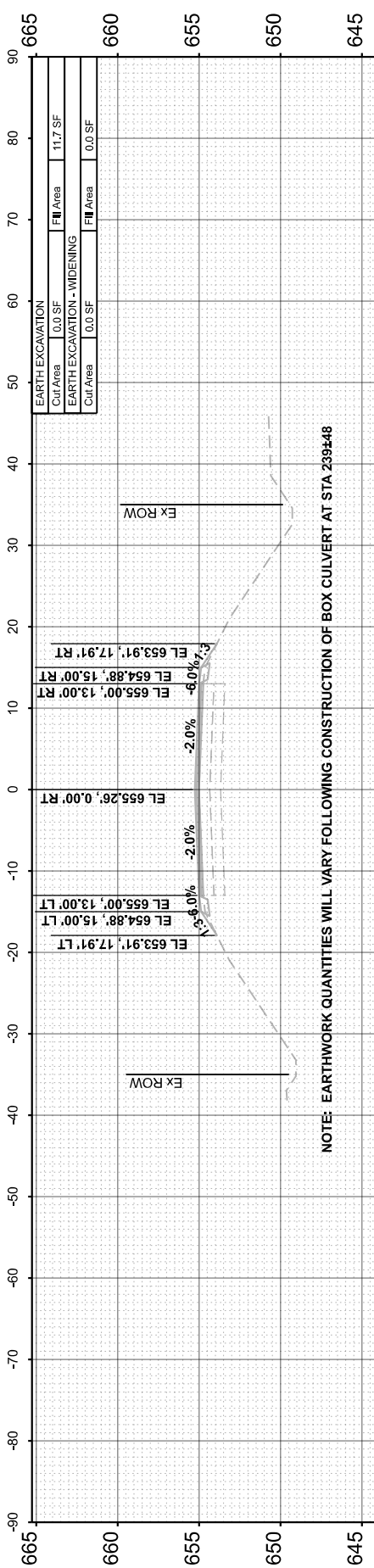
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
288	15-00351-00-WR	LASALLE	236	152
				CONTRACT NO. 87801
		ILLINOIS	FED. AID PROJECT	



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

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

MODEL: EX_CH15 - 237+00.00 (Sheet)
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Hutchison Engineering, Inc.
 Jacksonville - Moline - Peoria - Shorewood
 Since 1945

USER NAME	= BDcraene
DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-
PLOT SCALE	= 0.16666633''/in.
PLOT DATE	= 6/14/2023

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-
REVISED	-
REVISED	-
REVISED	-
REVISED	-

**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

SCALE: H=10 V=5 SHEET 35 OF 118 SHEETS STA. 237+00.00

**CH 15 (E 22nd RD)
 CROSS SECTIONS**

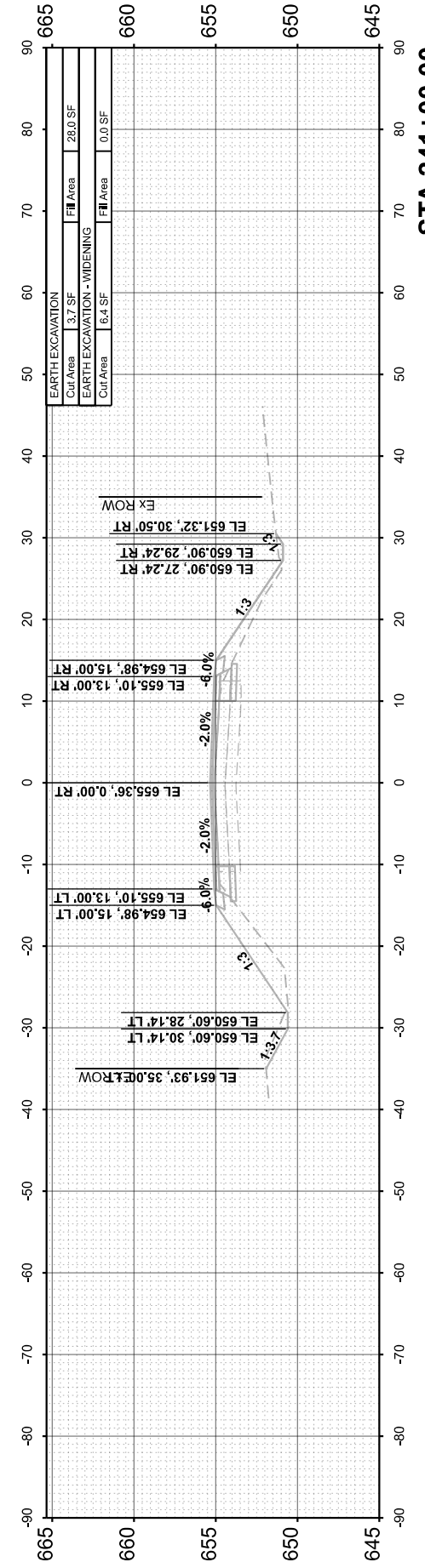
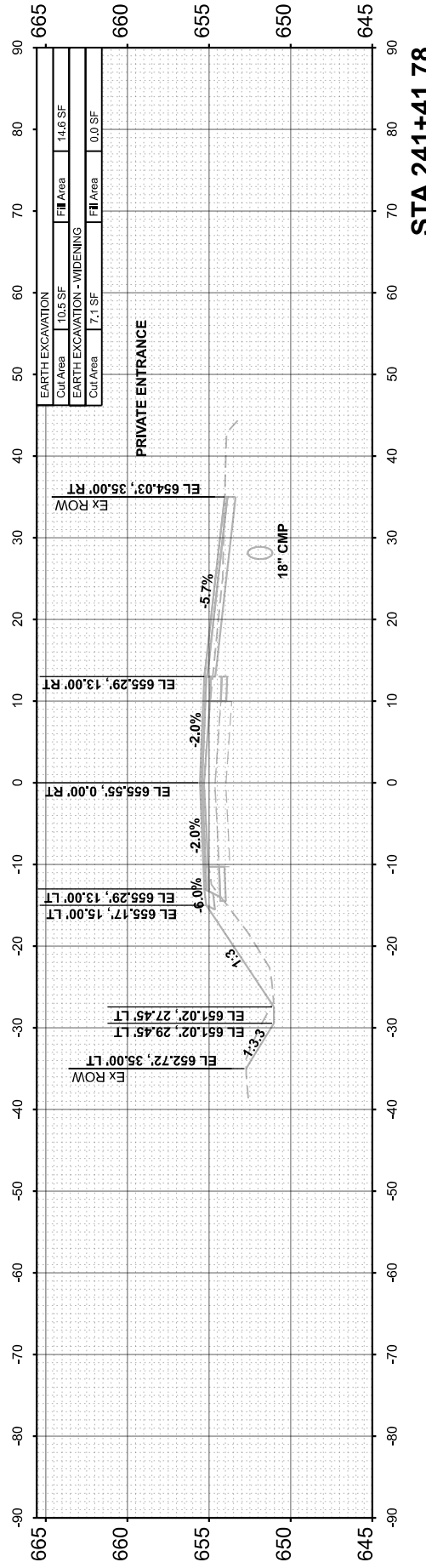
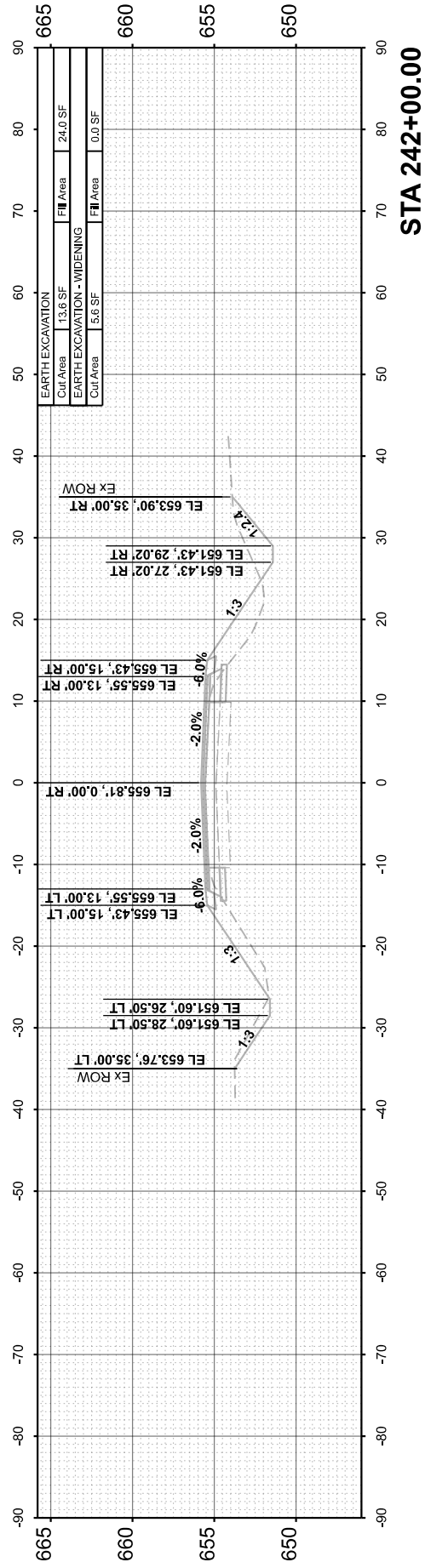
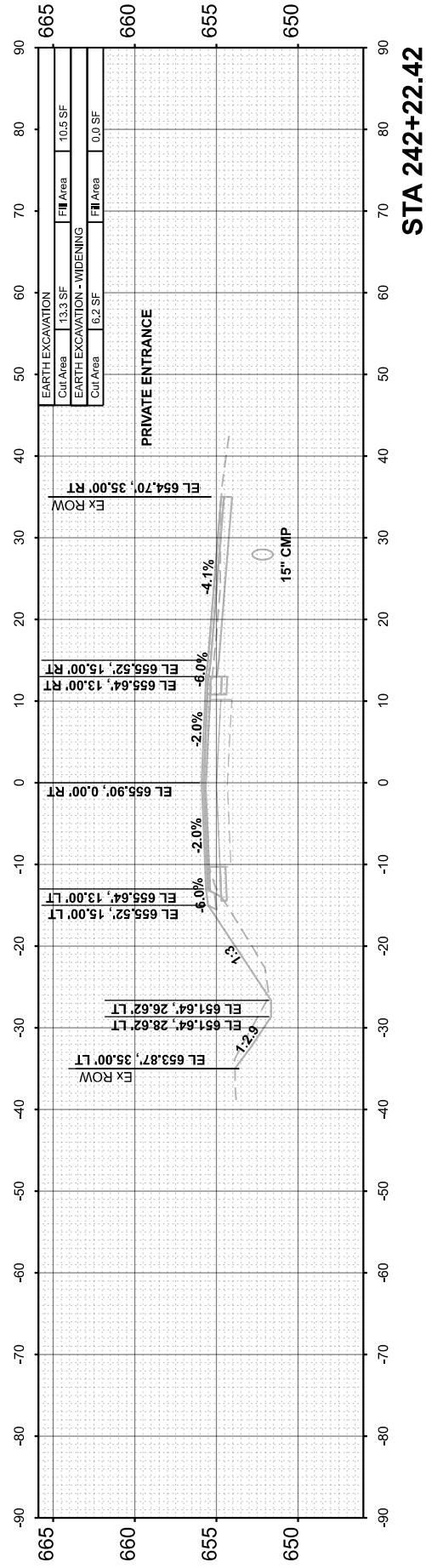
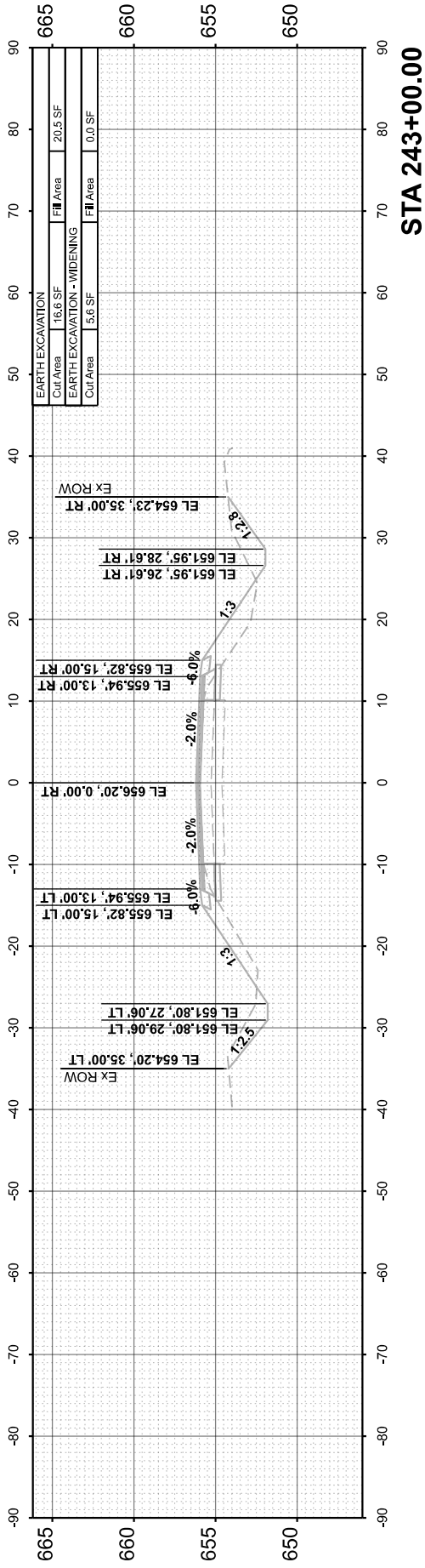
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
288	15-00351-00-WR	LASALLE	236	153
CONTRACT NO. 87801				
ILLINOIS		FED. AID PROJECT		

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

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

MODEL: EX_CH15 - 241+00.00 [Sheet]
 FILE NAME: V35001 - CH15 Design Layout Co/CADD/CADD Sheets/500 - str/csc-c02-2.dgn

Hutchison Engineering, Inc.
 Jacksonville - Moline - Peoria - Shorewood
 Since 1945



**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

**CH 15 (E 22nd RD)
 CROSS SECTIONS**

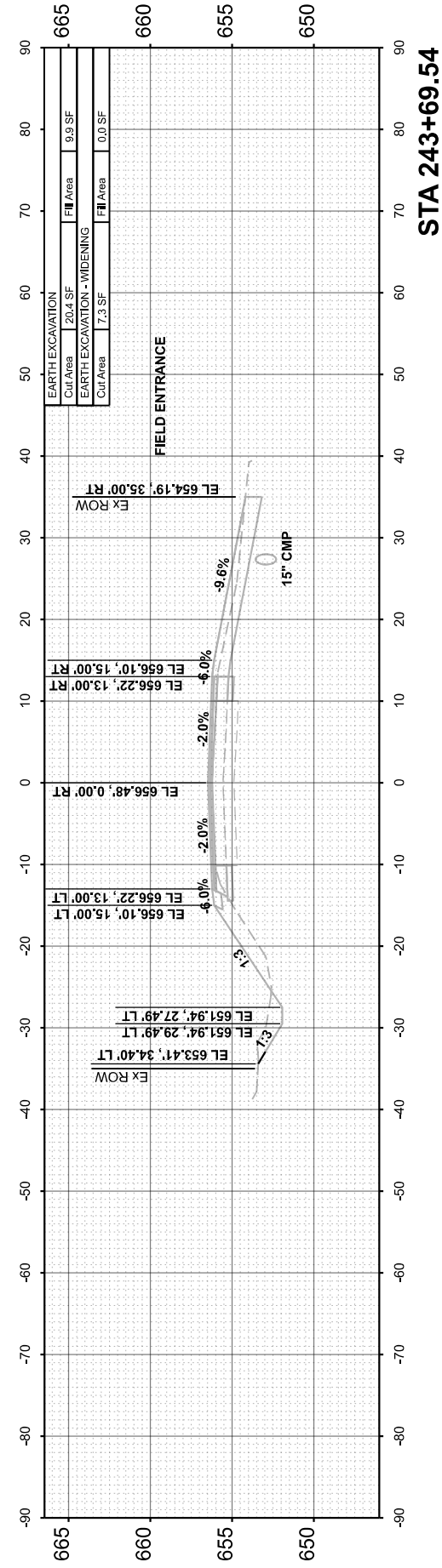
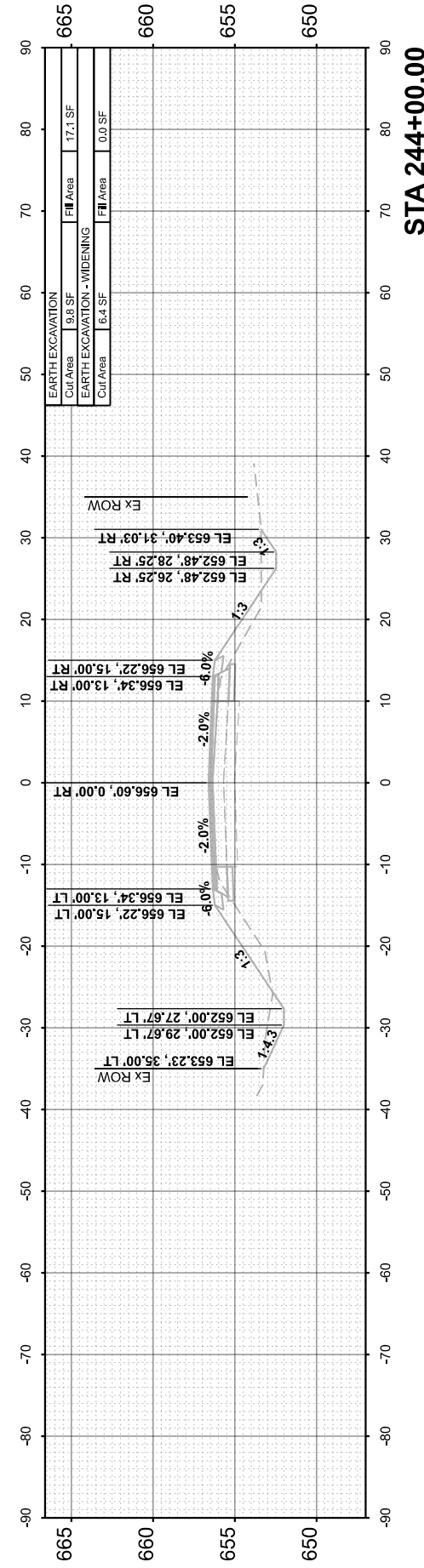
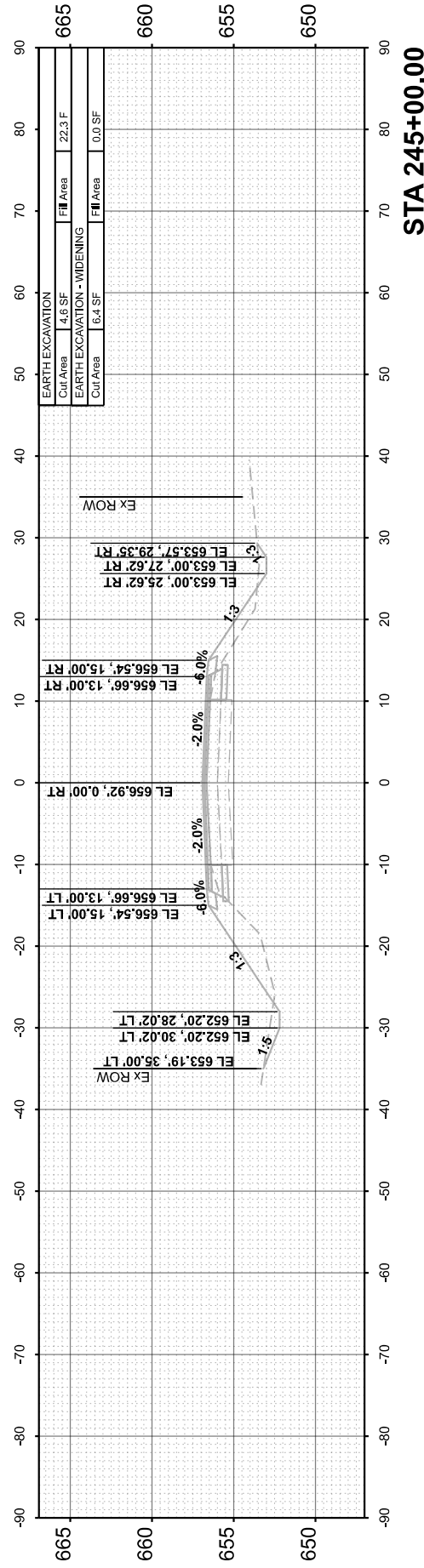
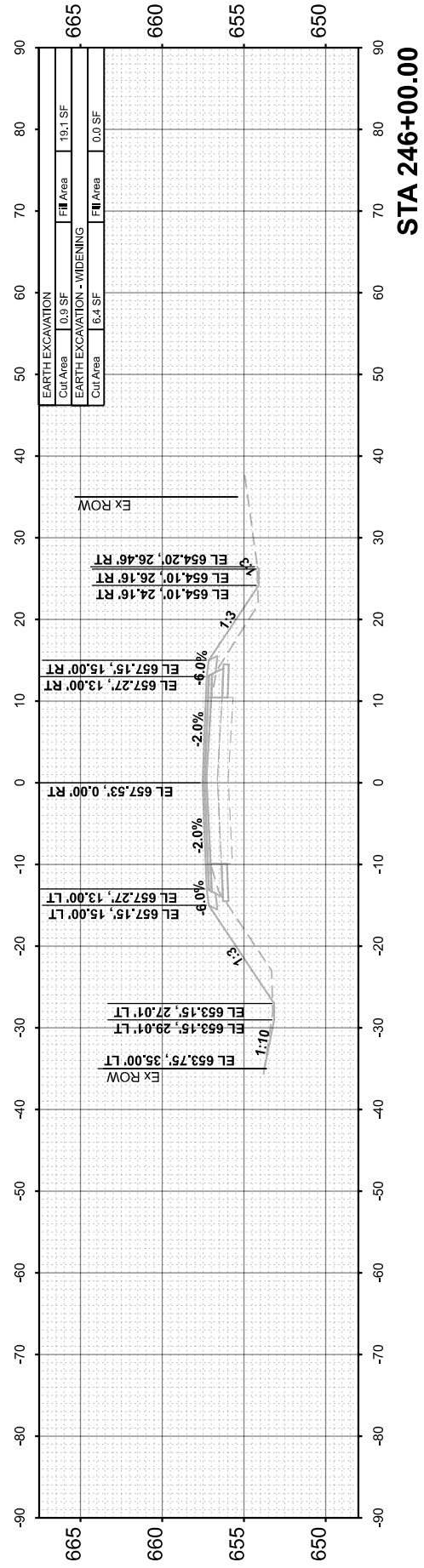
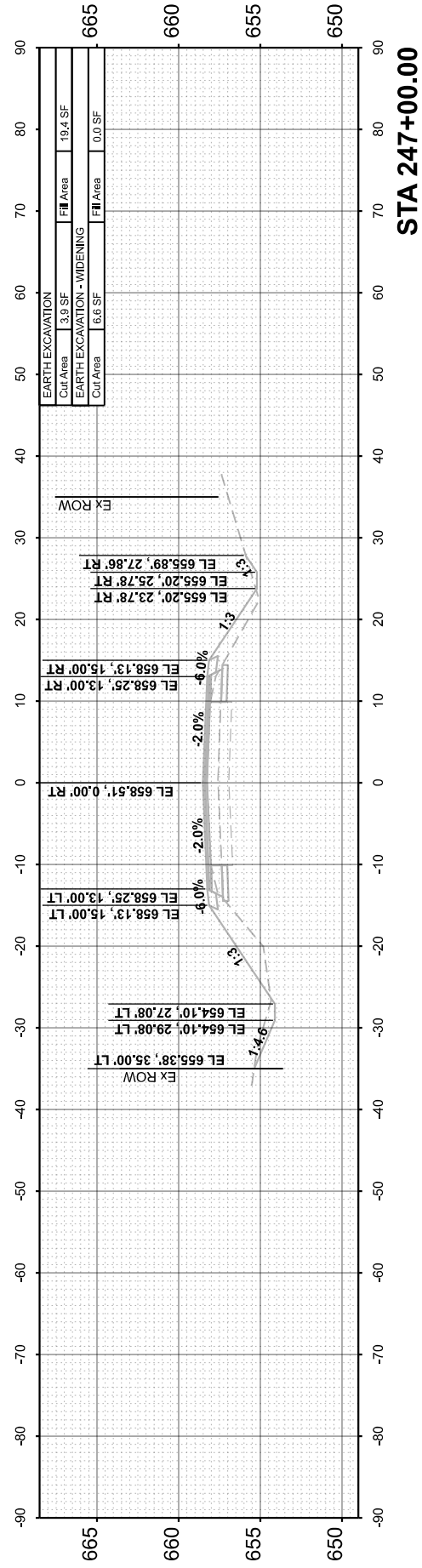
SCALE: H=10 V=5 SHEET 36 OF 118 SHEETS STA. 241+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
288	15-00351-00-WR	LASALLE	236	154
CONTRACT NO. 87801				
ILLINOIS FED. AID PROJECT				

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

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

MODEL: EX_CH15 - 243+69.54 [Sheet]
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Hutchison Engineering, Inc.
 Jacksonville - Moline - Peoria - Shorewood
 Since 1945

USER NAME	= BDDeCrane
DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-
PLOT SCALE	= 0.16666633'' in.
PLOT DATE	= 6/14/2023

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

REVISED	-
REVISED	-
REVISED	-
REVISED	-

**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

**CH 15 (E 22nd RD)
 CROSS SECTIONS**

SCALE: H=10 V=5 SHEET 37 OF 118 SHEETS STA. 243+69.54

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
288	15-00351-00-WR	LASALLE	236	155
CONTRACT NO. 87801				
ILLINOIS		FED. AID PROJECT		

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

MODEL: EX_CH15 - 248+00.00 (Sheet)
 FILE NAME: V35001 - CH15 Design Layout Co/CADD/CADD Sheets/501 - str/csc-c02-2.dgn

Hutchison Engineering, Inc.
 Jacksonville - Moline - Peoria - Shorewood
 Since 1945

USER NAME	= BDeCrane
DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-
PLOT SCALE	= 0.16666633 1/ in.
PLOT DATE	= 6/14/2023

DESIGNED	-
DRAWN	-
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DATE	-

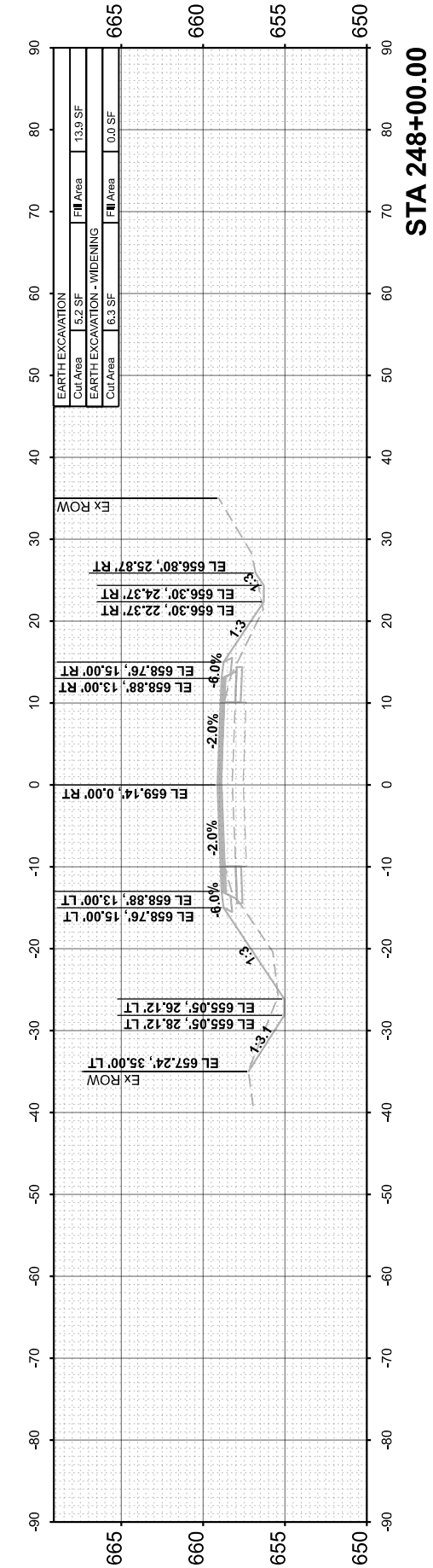
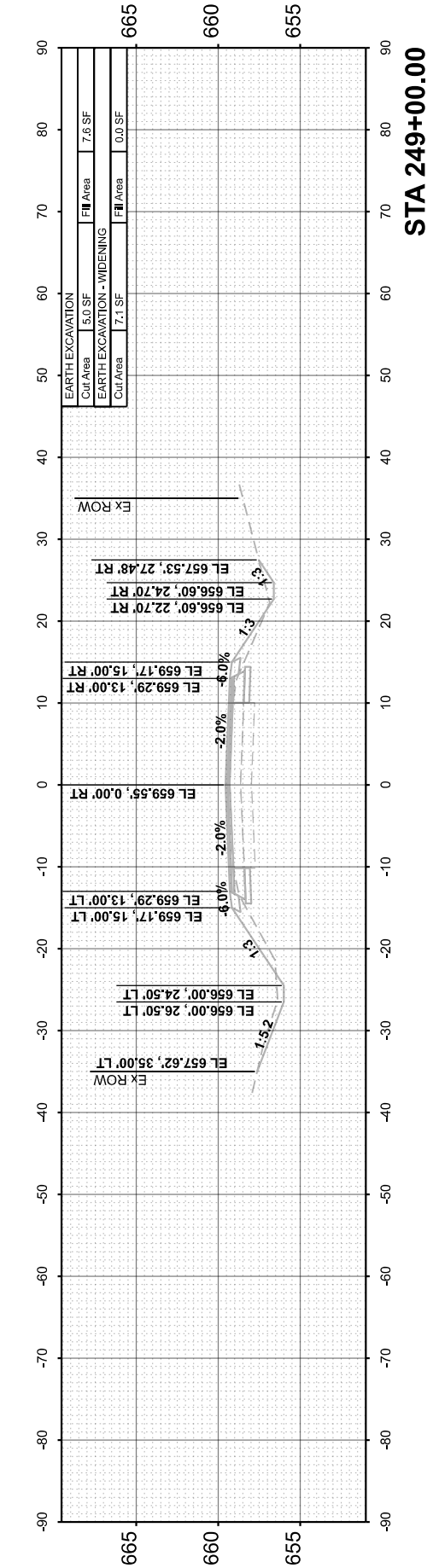
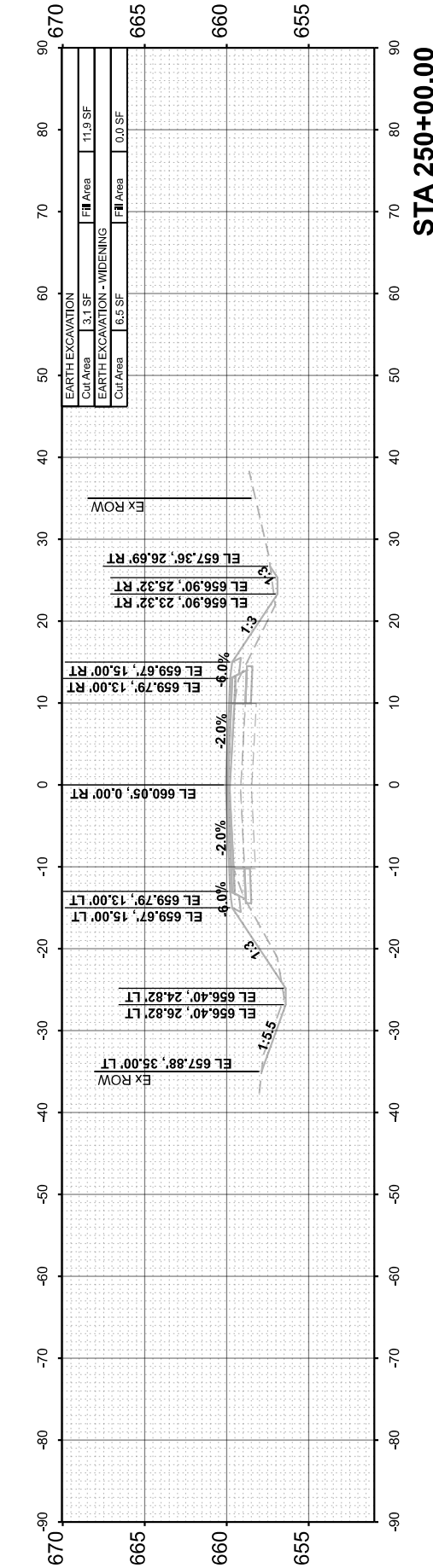
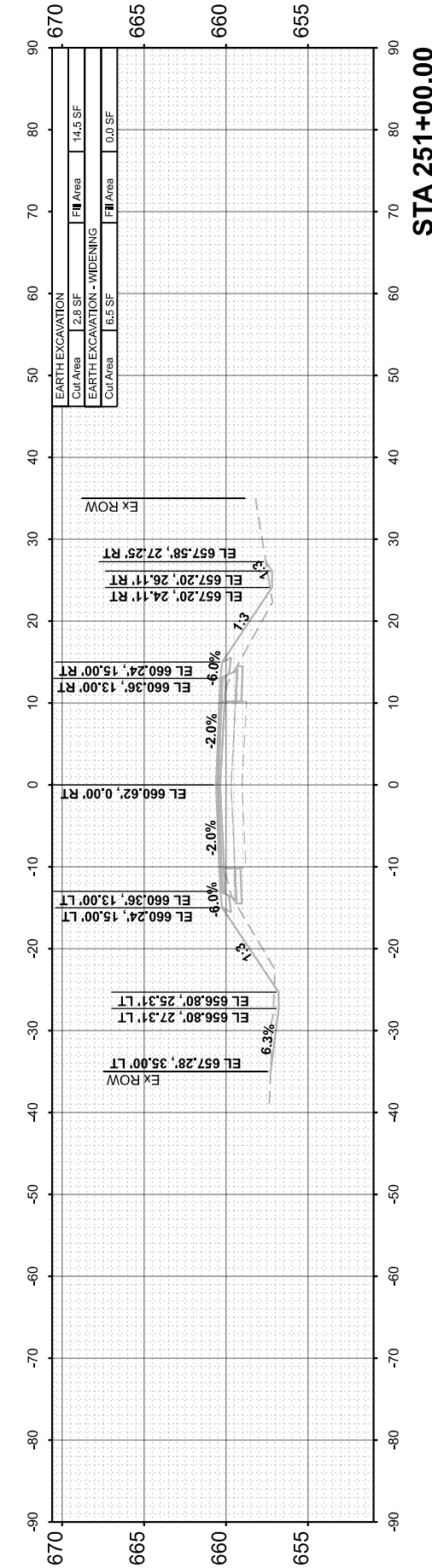
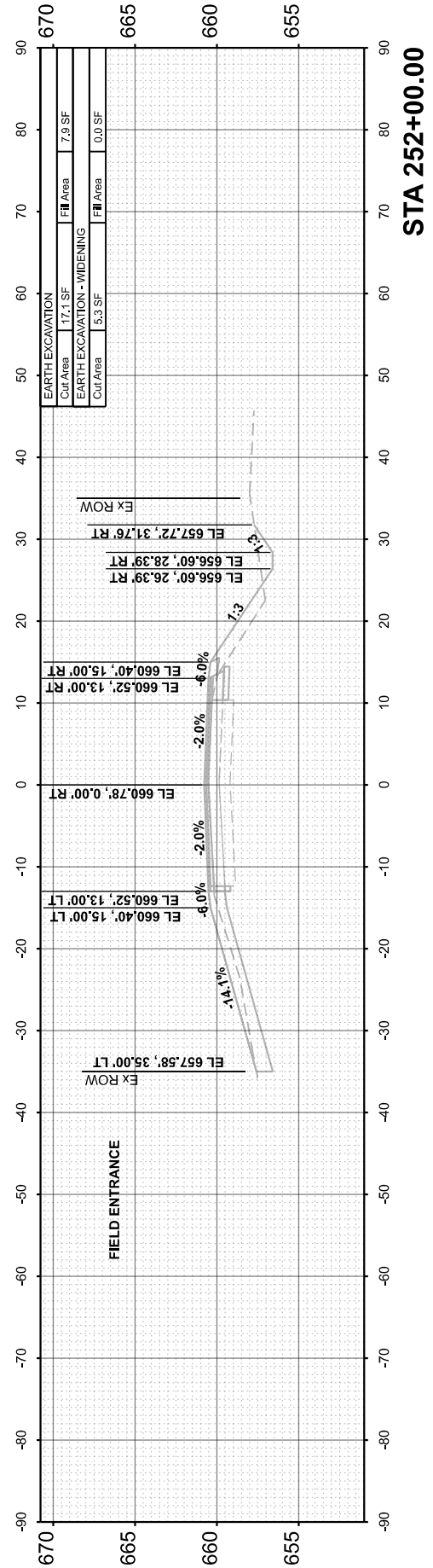
REVISED	-
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REVISED	-

**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

SCALE: H=10 V=5 SHEET 38 OF 118 SHEETS STA. 248+00.00

**CH 15 (E 22nd RD)
 CROSS SECTIONS**

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
288	15-00351-00-WR	LASALLE	236	156
CONTRACT NO. 87801				
ILLINOIS		FED. AID PROJECT		



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

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

MODEL: EX_CH15 - 253+00.00 (Sheet)
 FILE NAME: V35001 - CH15 Design Layout Co/CADD/CADD Sheets/501-253+00-2.dgn

Hutchison Engineering, Inc.
 Jacksonville - Moline - Peoria - Shorewood
 Since 1945

USER NAME	= BDcraene
DESIGNED	-
DRAWN	-
PLLOT SCALE	= 0.16666633''/in.
CHECKED	-
DATE	= 6/14/2023

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

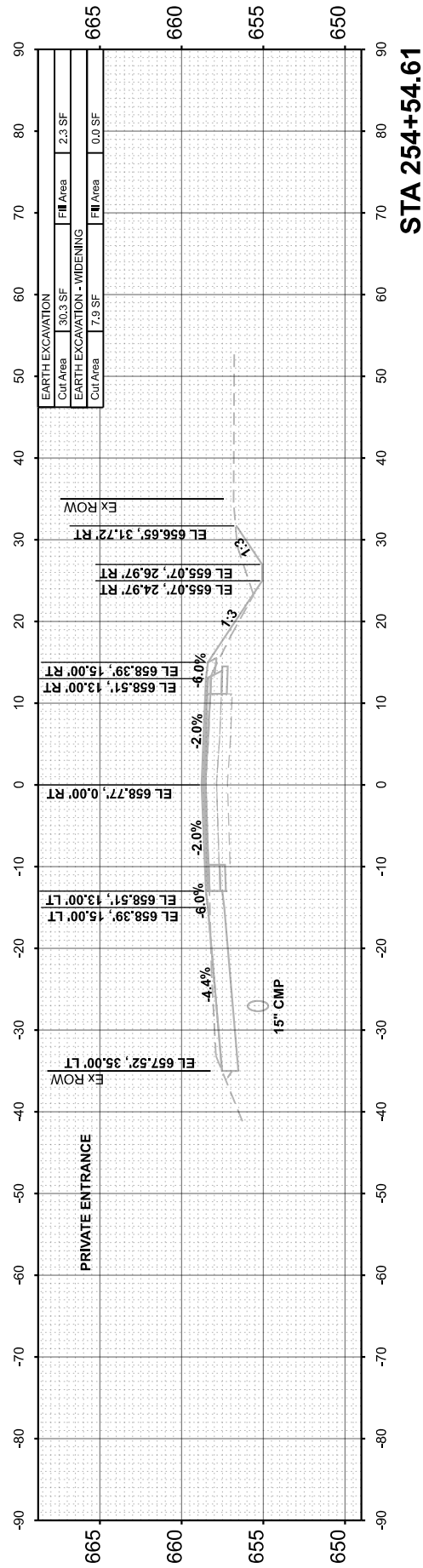
REVISED	-
REVISED	-
REVISED	-
REVISED	-

**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

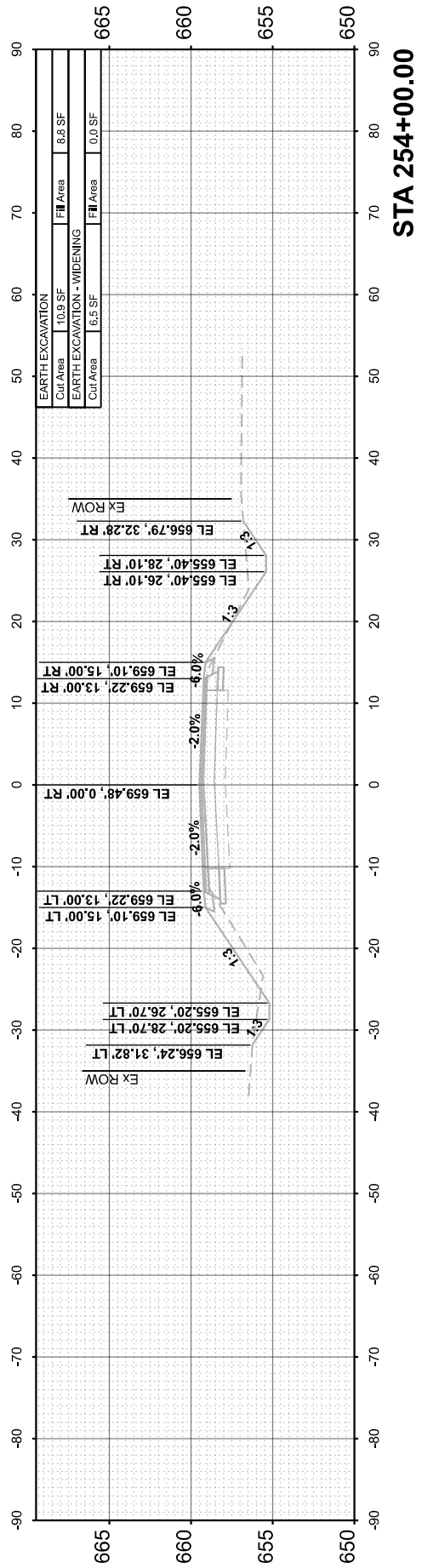
**CH 15 (E 22nd RD)
 CROSS SECTIONS**

SCALE: H=10 V=5 SHEET 39 OF 118 SHEETS STA. 253+00.00

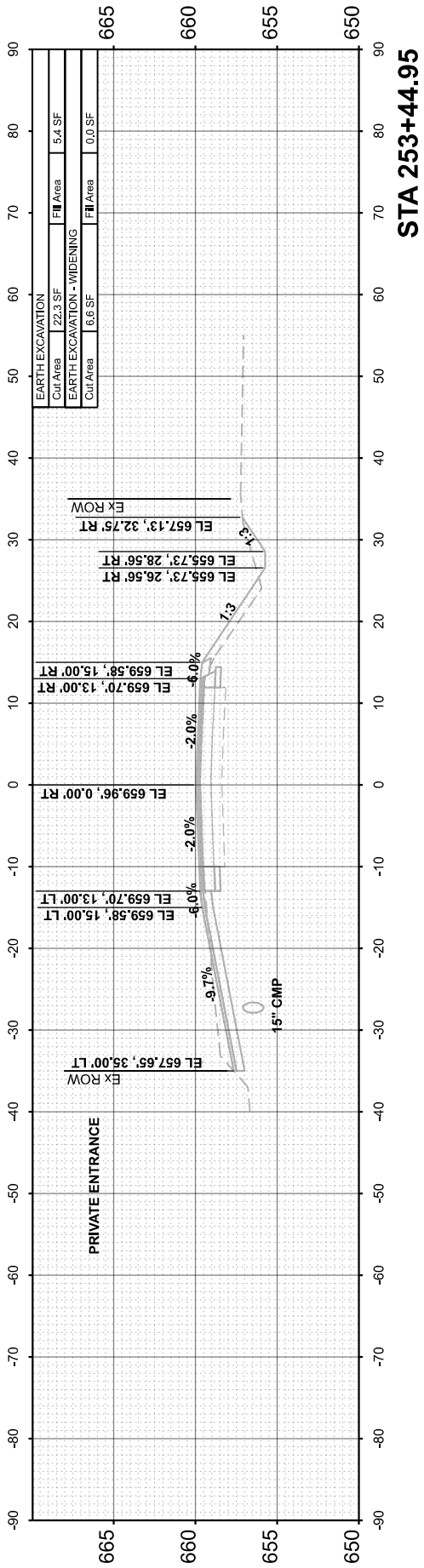
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
288	15-00351-00-WR	LASALLE	236	157
				CONTRACT NO. 87801
ILLINOIS		FED. AID PROJECT		



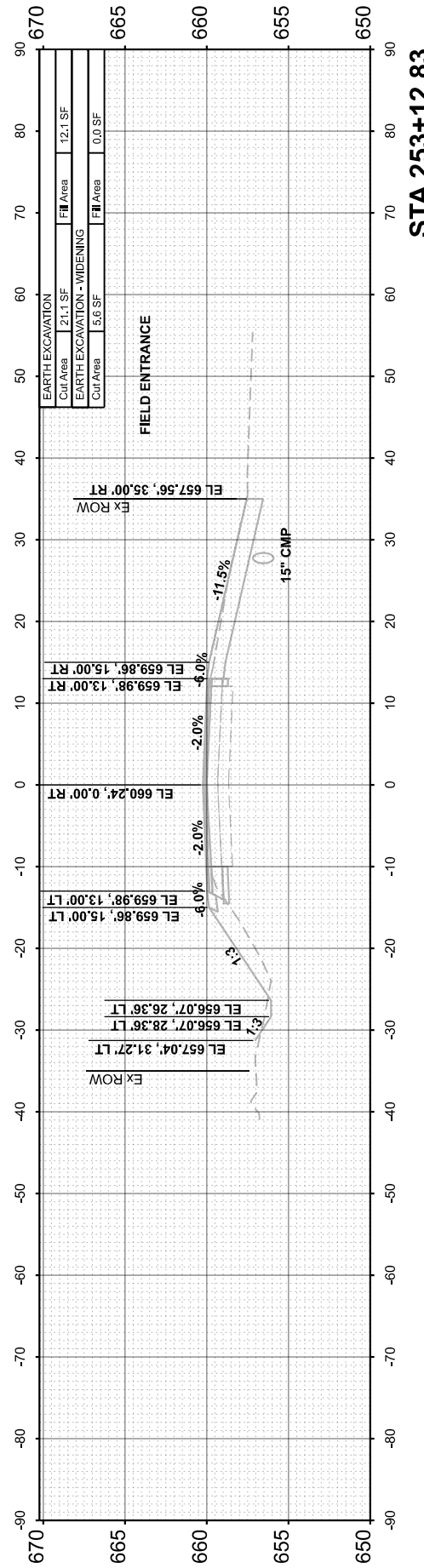
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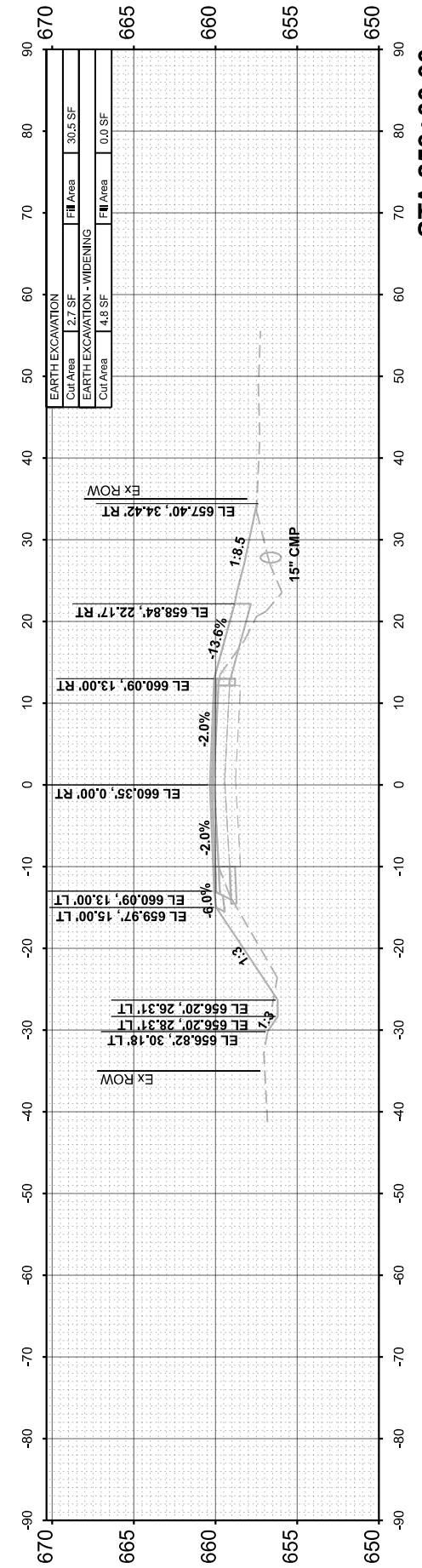
STA 254+00.00



STA 253+44.95



STA 253+12.83



STA 253+00.00

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

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

MODEL: EX_CH15 - 255+00.00 (Sheet)
 FILE NAME: V35001 - CH15 Design Layout Co/CADD/CADD Sheets/500 - str/csc/cor-2.dgn

Hutchinson Engineering, Inc.
 Jacksonville - Moline - Peoria - Shorewood
 Since 1945

USER NAME	= BDeCrane
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DRAWN	-
CHECKED	-
DATE	-
PLOT SCALE	= 0.16666633'' in.
PLOT DATE	= 6/14/2023

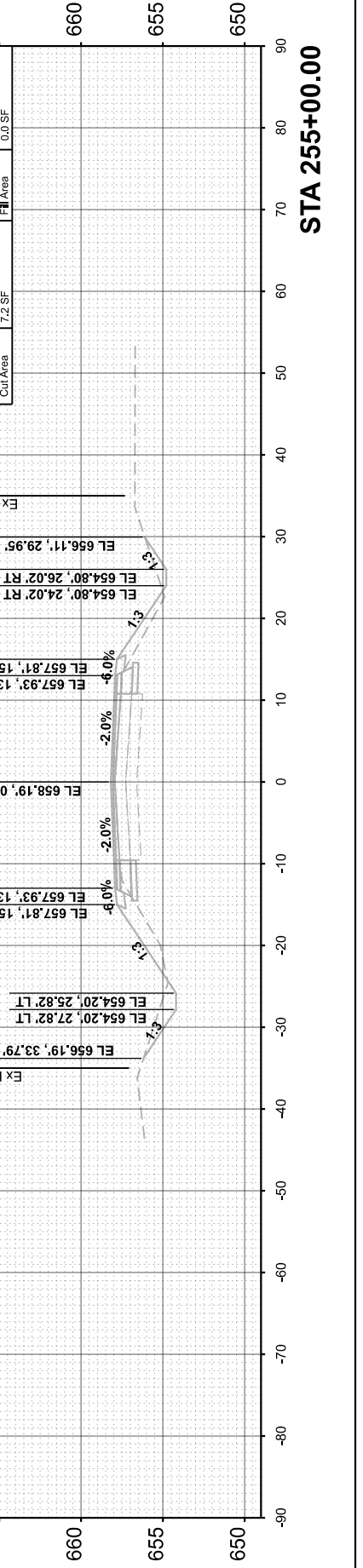
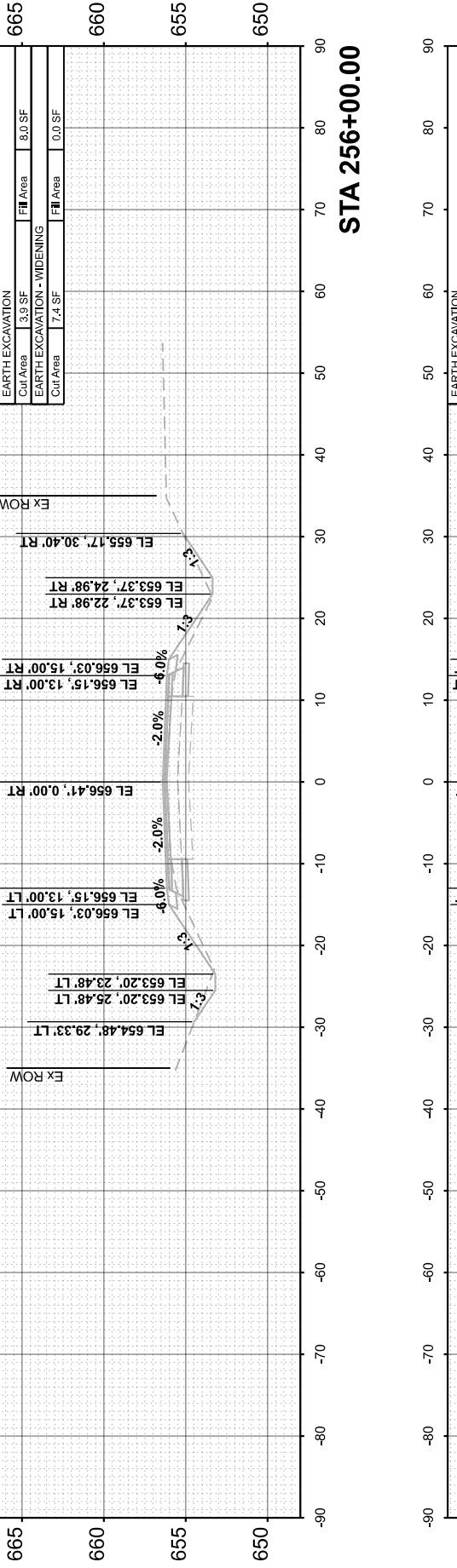
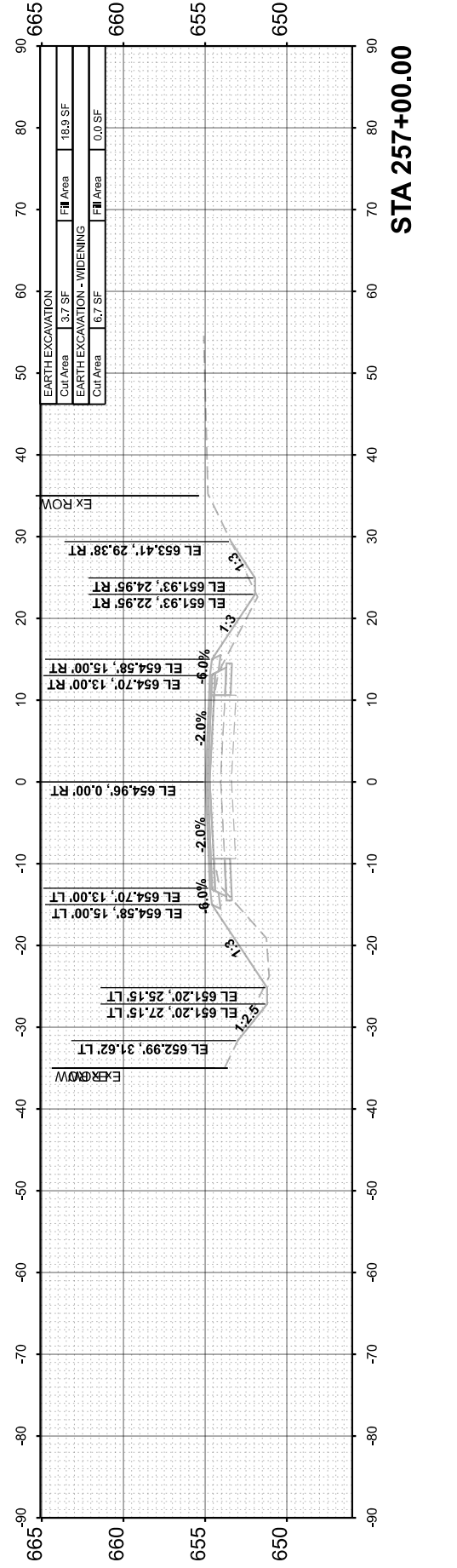
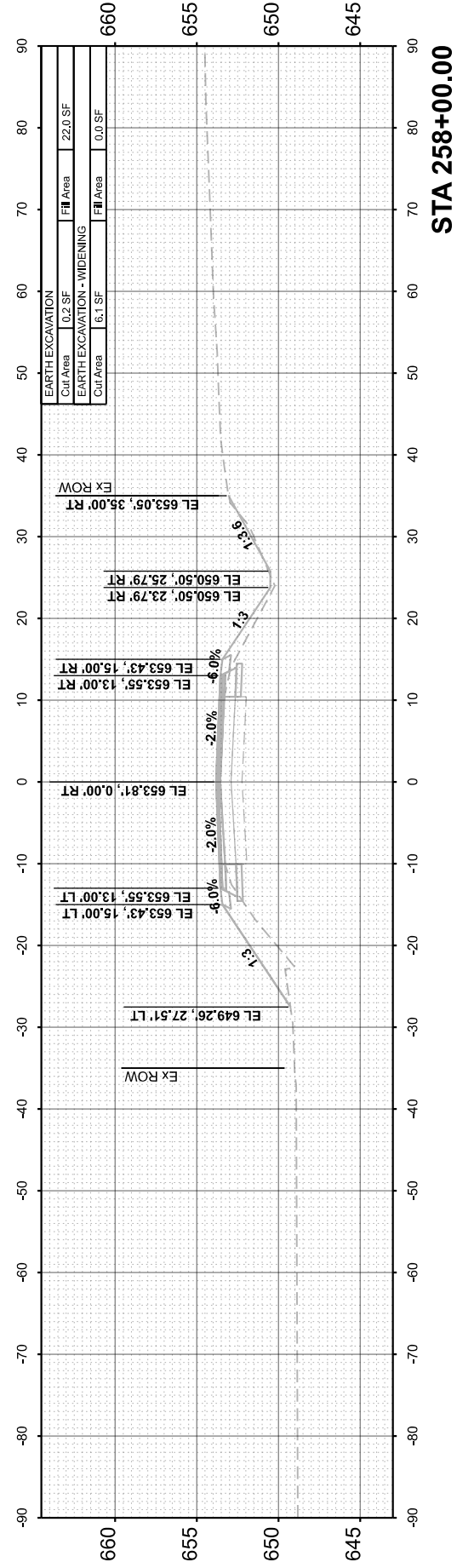
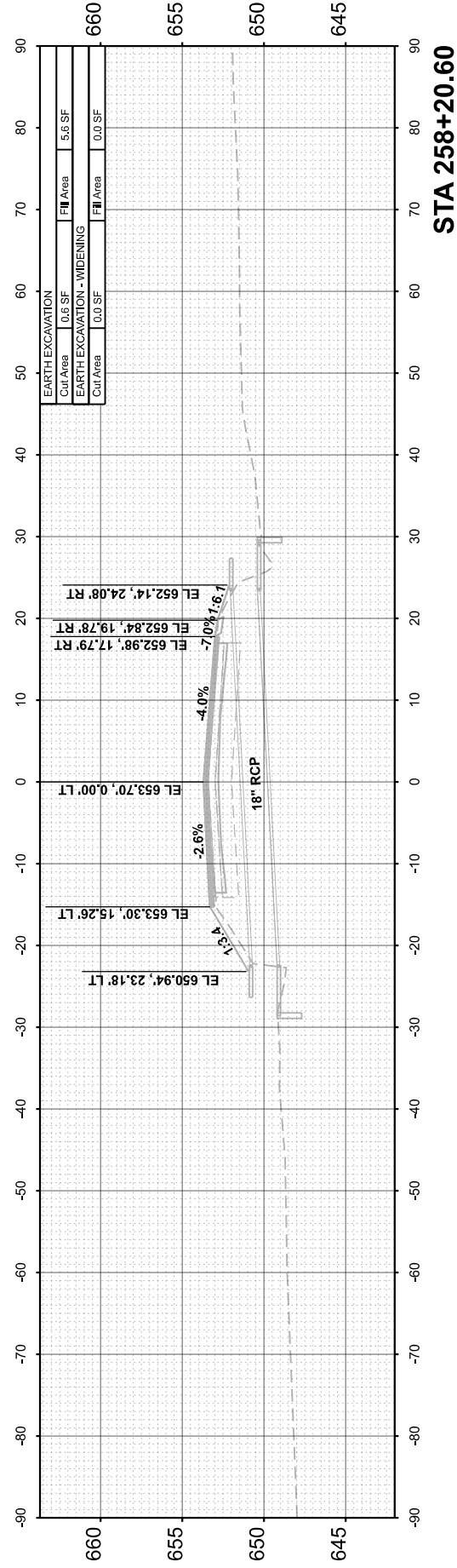
DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-
REVISD	-
REVISD	-
REVISD	-
REVISD	-

**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

SCALE: H=10 V=5 SHEET 40 OF 118 SHEETS STA. 255+00.00

**CH 15 (E 22nd RD)
 CROSS SECTIONS**

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
288	15-00351-00-WR	LASALLE	236	158
CONTRACT NO. 87801				
ILLINOIS		FED. AID PROJECT		

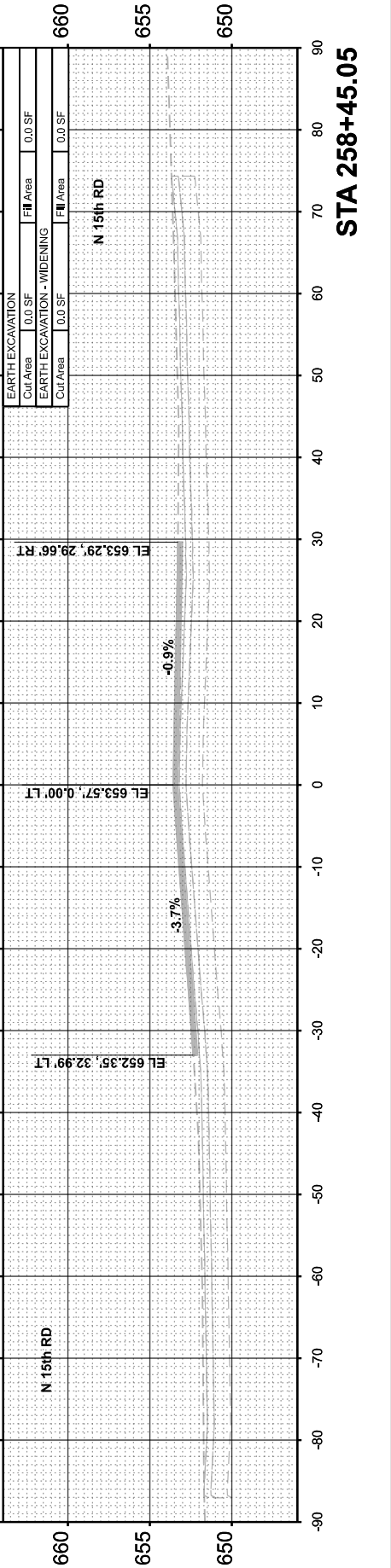
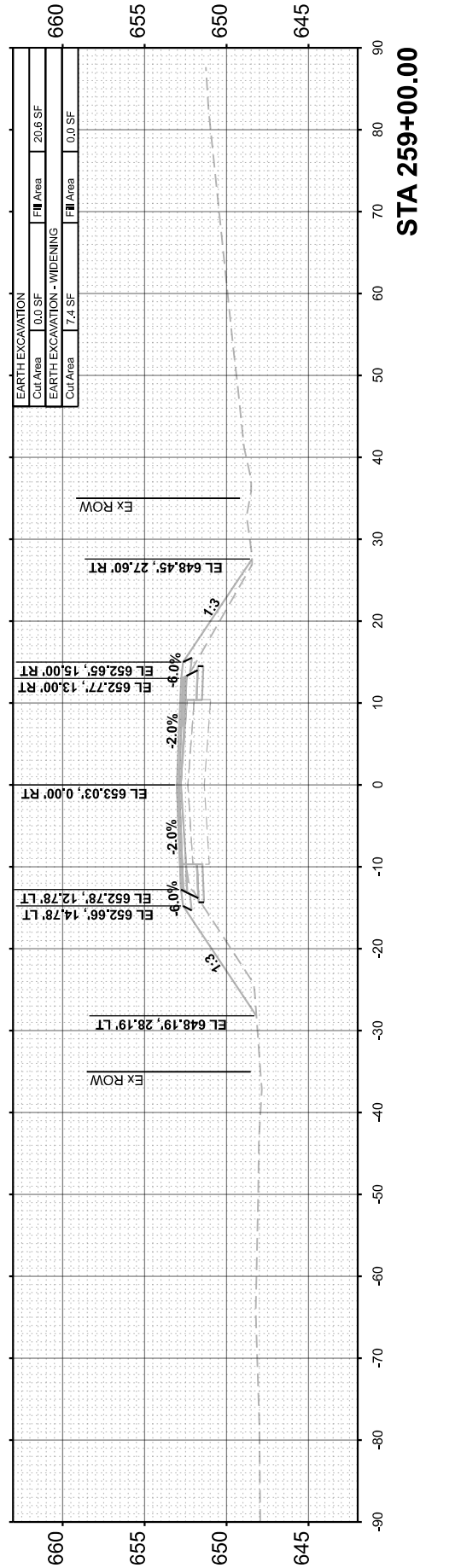
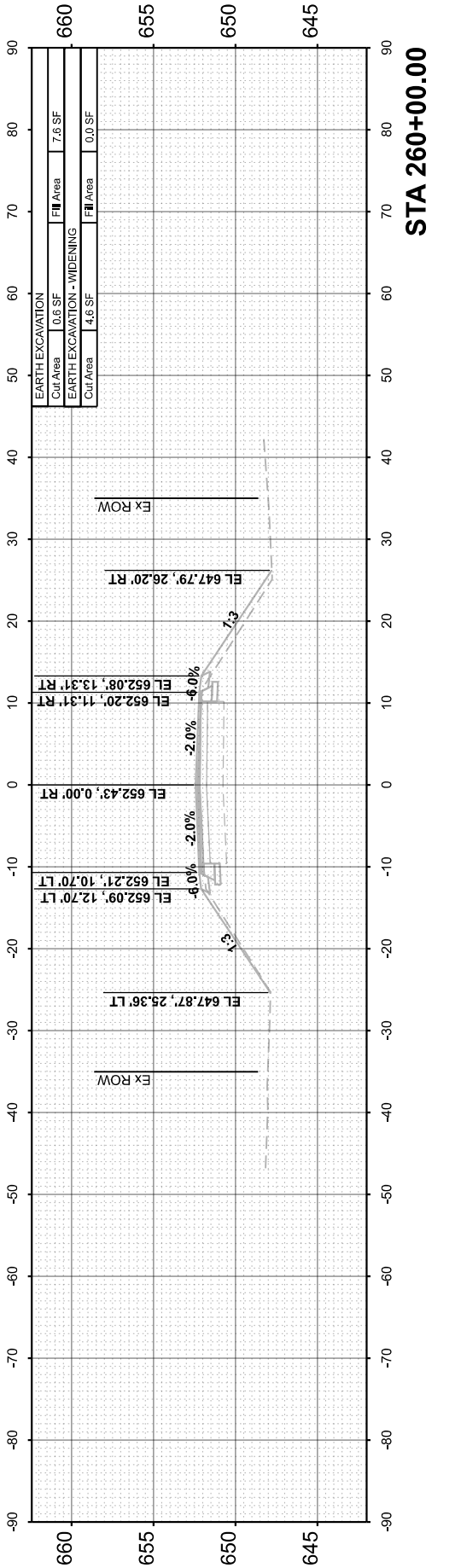
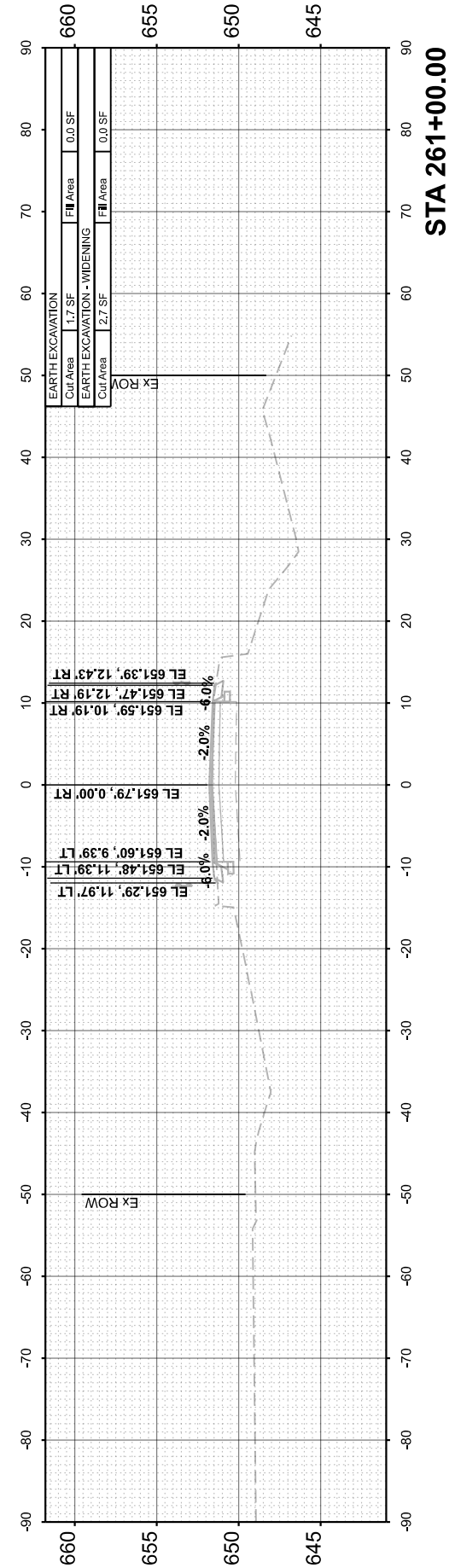
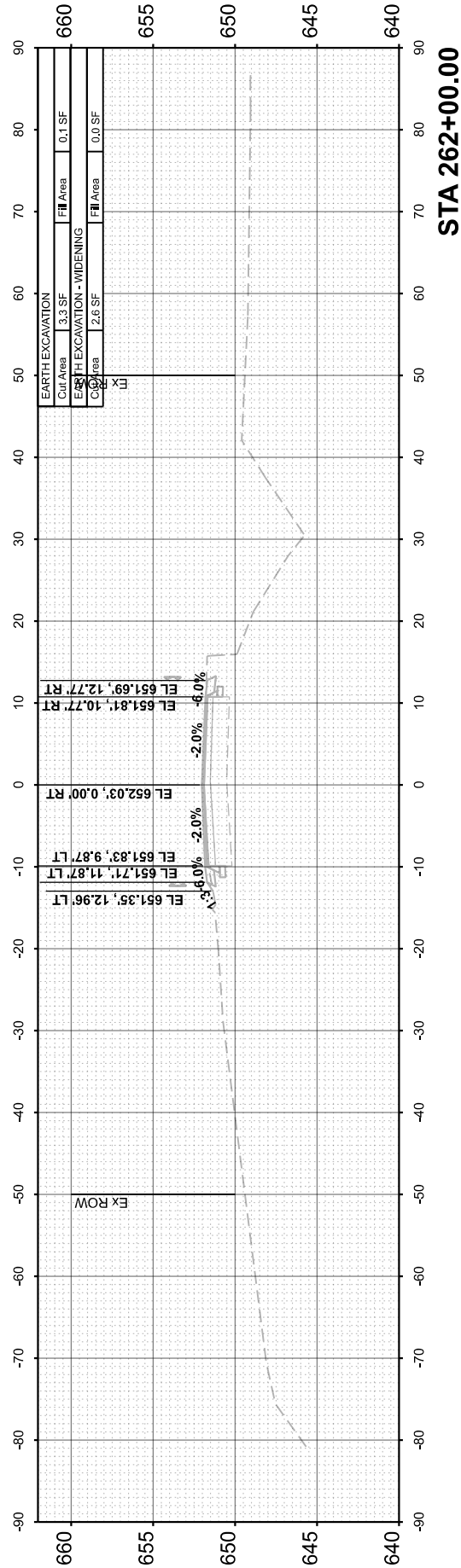


FINAL SURVEY NO.	SURVEYED BY	DATE

ORIGINAL SURVEY NO.	SURVEYED BY	DATE

MODEL: EX_CH15 - 258+45.05 [Sheet]
 FILE NAME: V35001 - CH15 Design Layout - Co/CADD/CADD Sheets/501 - str/csc-cp-2.dgn

Hutchinson Engineering, Inc.
 Jacksonville - Moline - Peoria - Shorewood
 Since 1945



**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

**CH 15 (E 22nd RD)
 CROSS SECTIONS**

USER NAME =	BDDeCrane	DESIGNED -	REvised -
PLOT SCALE =	0.16666633" / in.	DRAWN -	REvised -
PLOT DATE =	6/14/2023	CHECKED -	REvised -
		DATE -	REvised -

SCALE: H=10 V=5 SHEET 41 OF 118 SHEETS STA. 258+45.05

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
288	15-00351-00-WR	LASALLE	236	159
				CONTRACT NO. 87801
		ILLINOIS	FED. AID PROJECT	

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

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

MODEL: EX_CH15 - 263+00.00 (Sheet)
 FILE NAME: V35001 - CH15 Design Layout Co/CADD/CADD Sheets/501-263+00-2.dgn

Hutchison Engineering, Inc.
 Jacksonville - Moline - Peoria - Shorewood
 Since 1945

USER NAME	= BDDeCrane
DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-
PLOT SCALE	= 0.16666633" / in.
PLOT DATE	= 6/14/2023

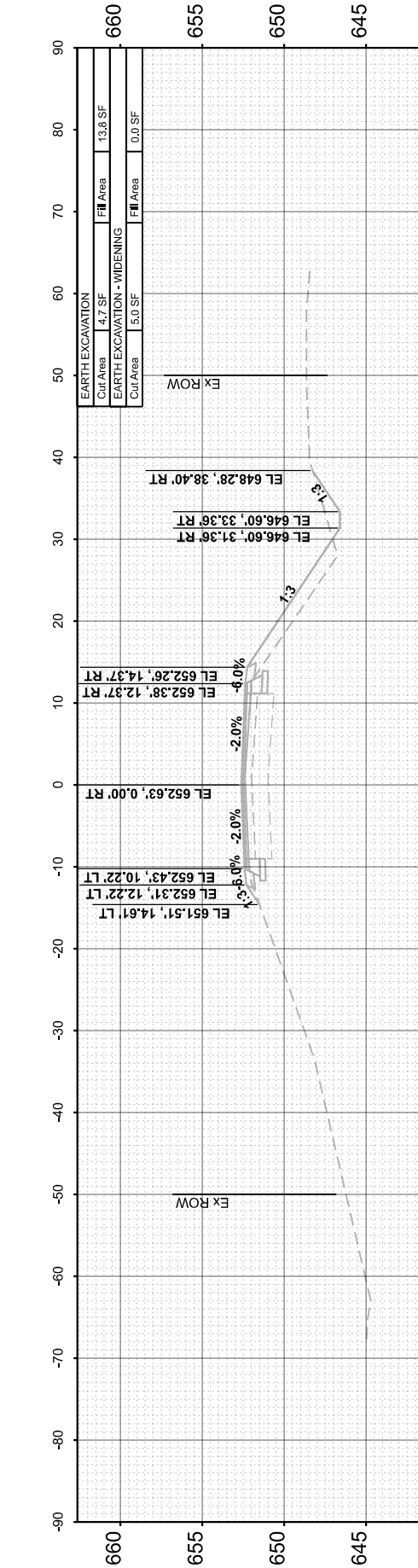
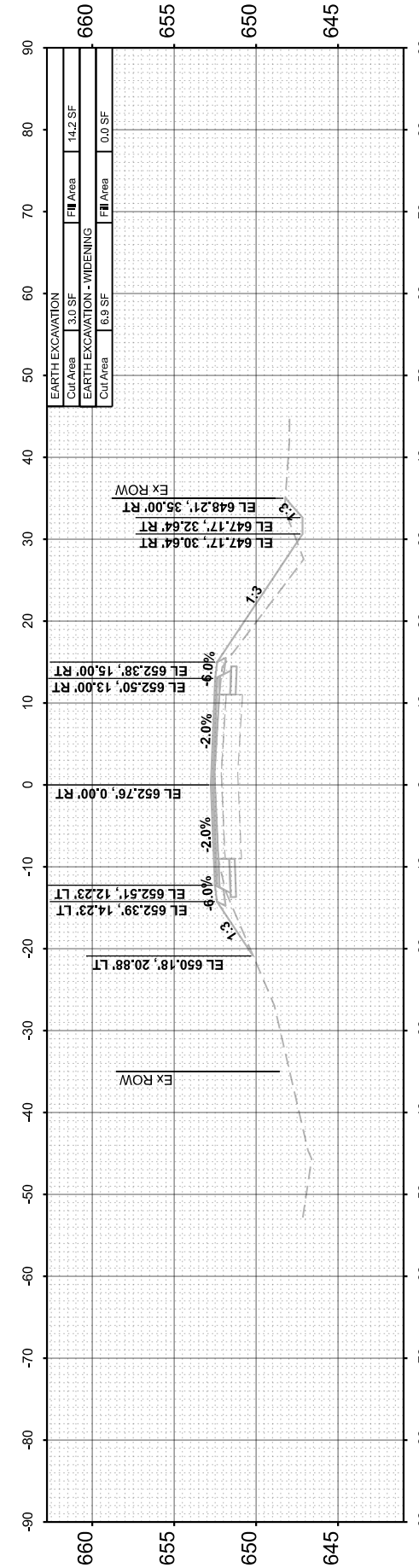
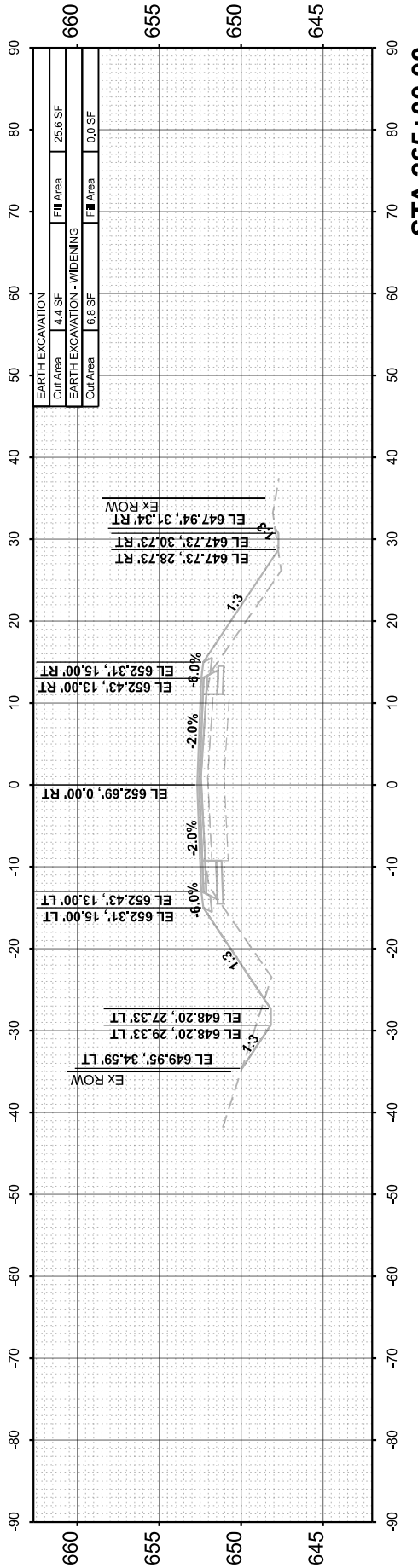
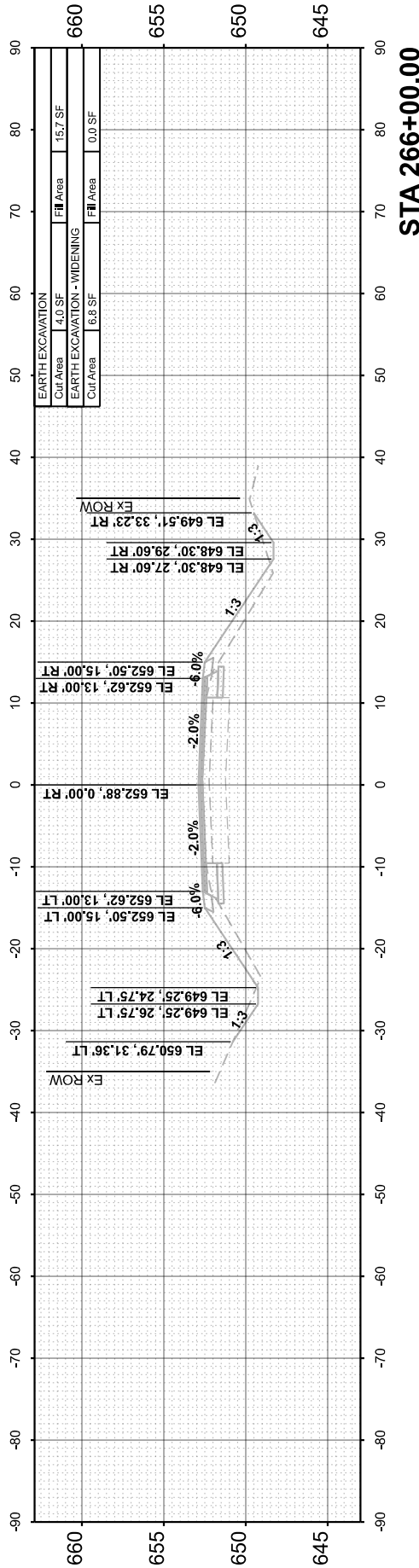
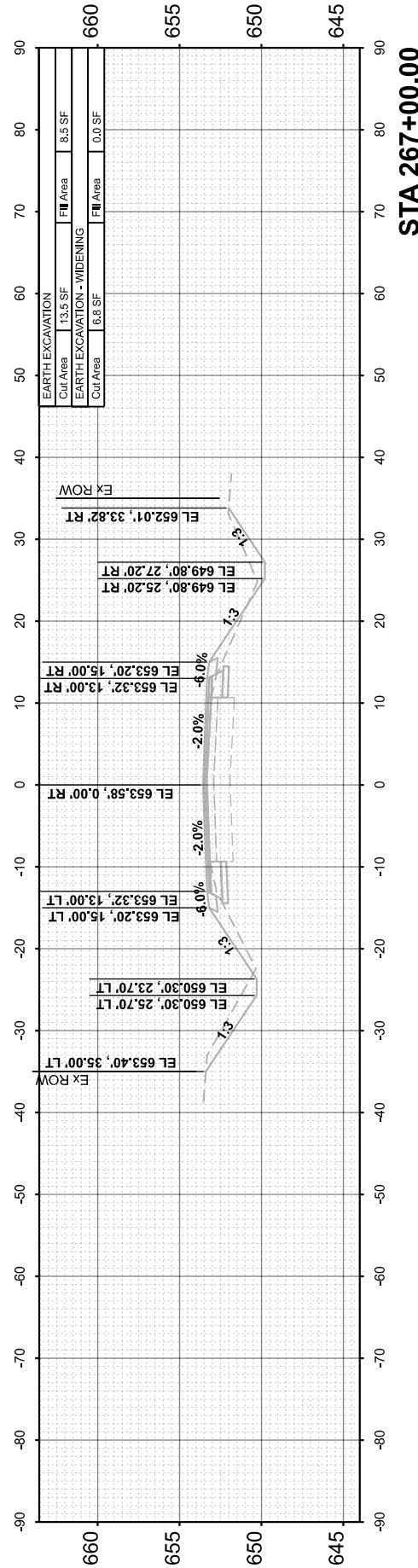
DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-
REVISED	-
REVISED	-
REVISED	-
REVISED	-

**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

**CH 15 (E 22nd RD)
 CROSS SECTIONS**

SCALE: H=10 V=5 SHEET 42 OF 118 SHEETS STA. 263+00.00

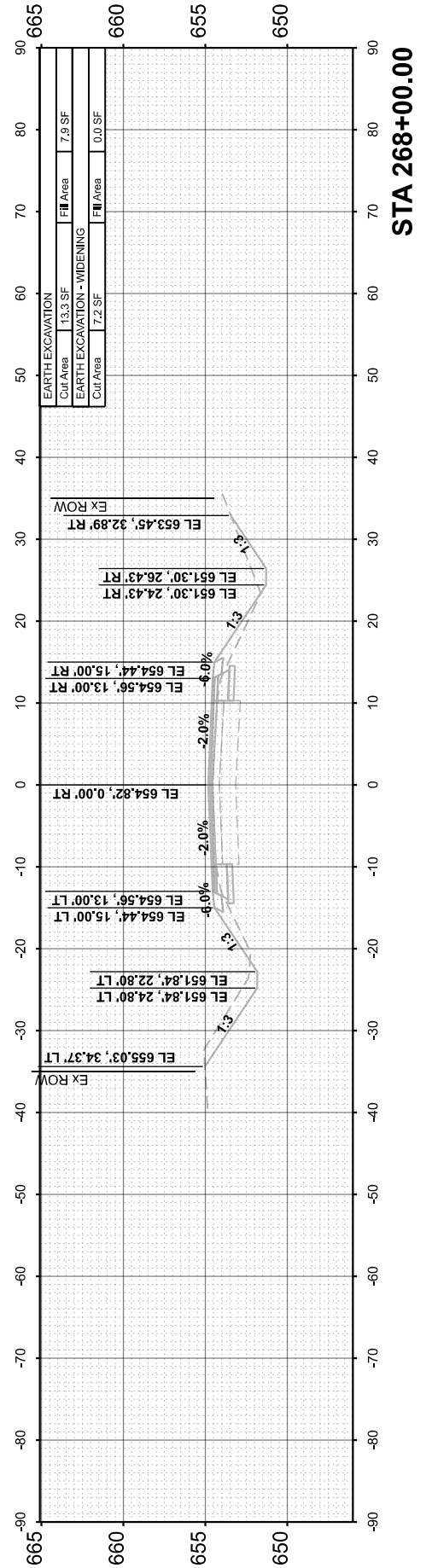
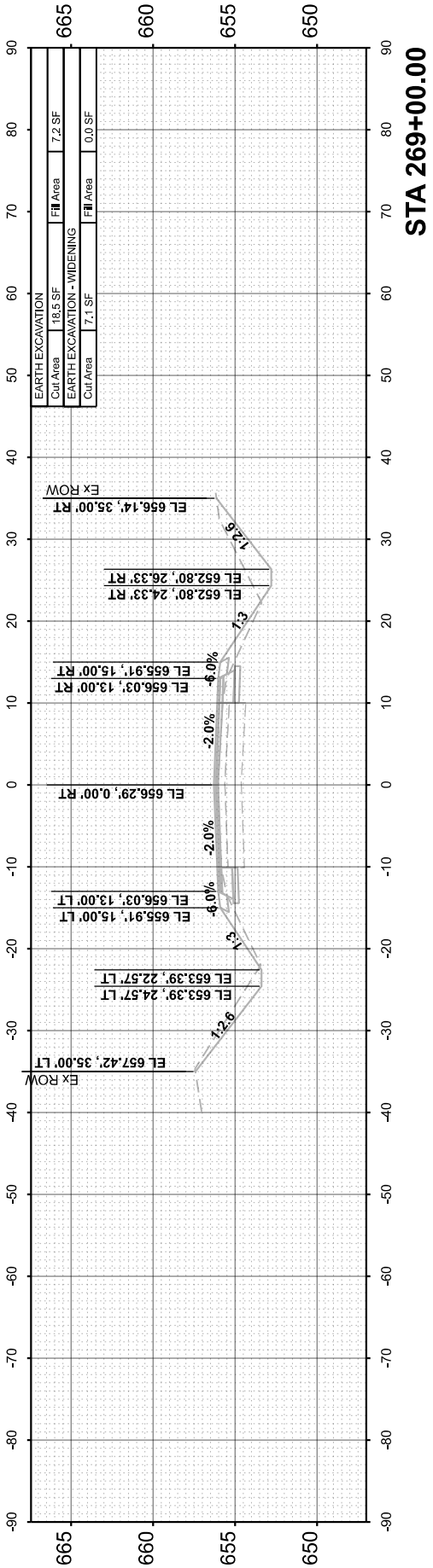
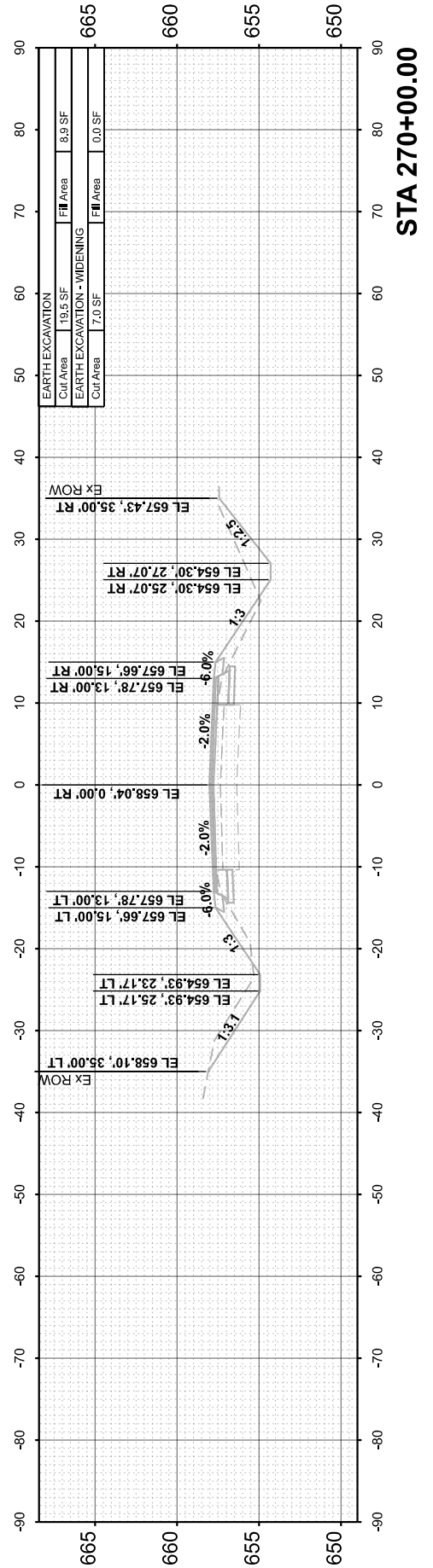
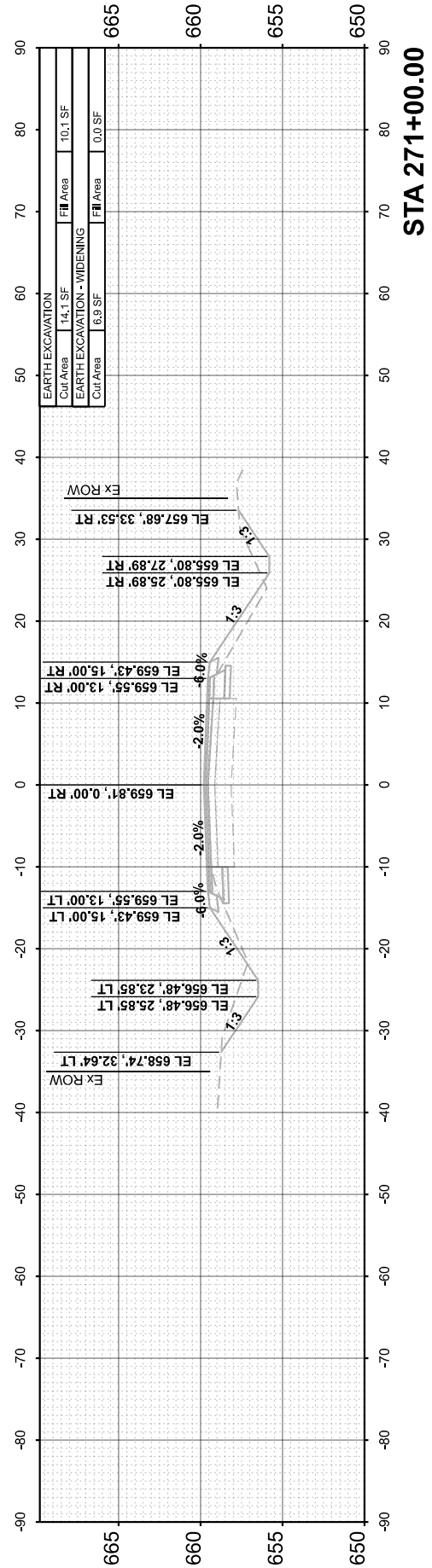
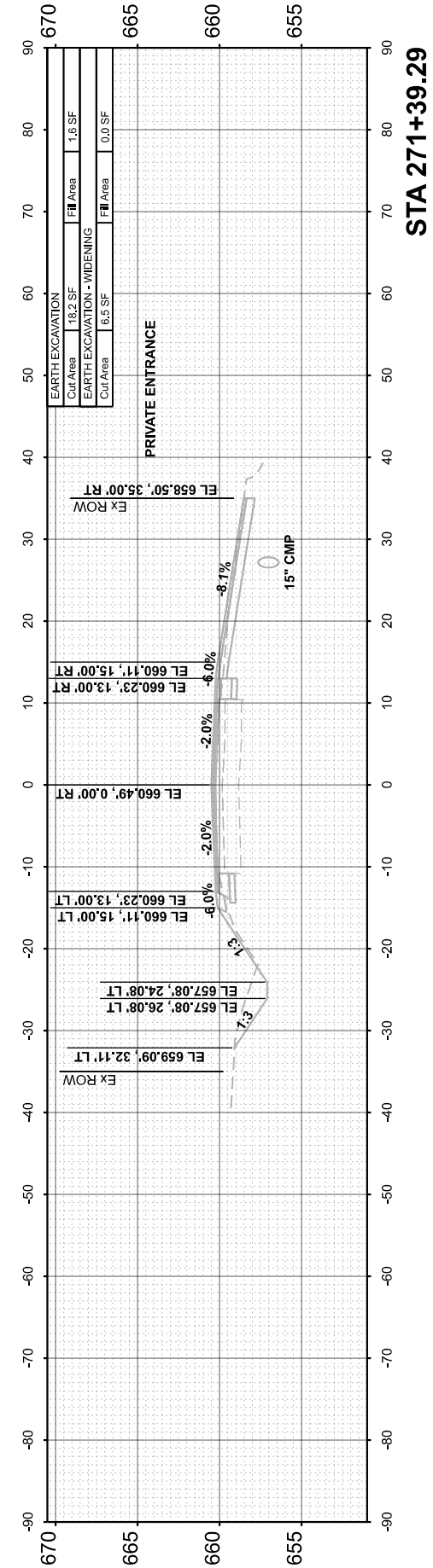
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
288	15-00351-00-WR	LASALLE	236	160
CONTRACT NO. 87801				
ILLINOIS		FED. AID PROJECT		



FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

MODEL: EX_CH15 - 268+00.00 [Sheet]
 FILE NAME: V35001 - CH15 Design Layout Co/CADD/CADD Sheets/501-268+00-2.dgn



**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

**CH 15 (E 22nd RD)
 CROSS SECTIONS**

USER NAME =	BDcraene	DESIGNED -		REVISED -	
PLOT SCALE =	0.16666633' / in.	DRAWN -		REVISED -	
PLOT DATE =	6/14/2023	CHECKED -		REVISED -	
		DATE -		REVISED -	

SCALE: H=10 V=5 SHEET 43 OF 118 SHEETS STA. 268+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
268	15-00351-00-WR	LASALLE	236	161
CONTRACT NO. 87801				
ILLINOIS		FED. AID PROJECT		

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

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

MODEL: EX_CH15 - 272+00.00 (Sheet)
 FILE NAME: V35001 - CH15 Design.Lasalle Co.CADD\CADD Sheets\501-272x272-2.dgn

Hutchison Engineering, Inc.
 Jacksonville - Moline - Peoria - Shorewood
 Since 1945

USER NAME	= BDcraene
DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-
PLOT SCALE	= 0.16666633'' in.
PLOT DATE	= 6/14/2023

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

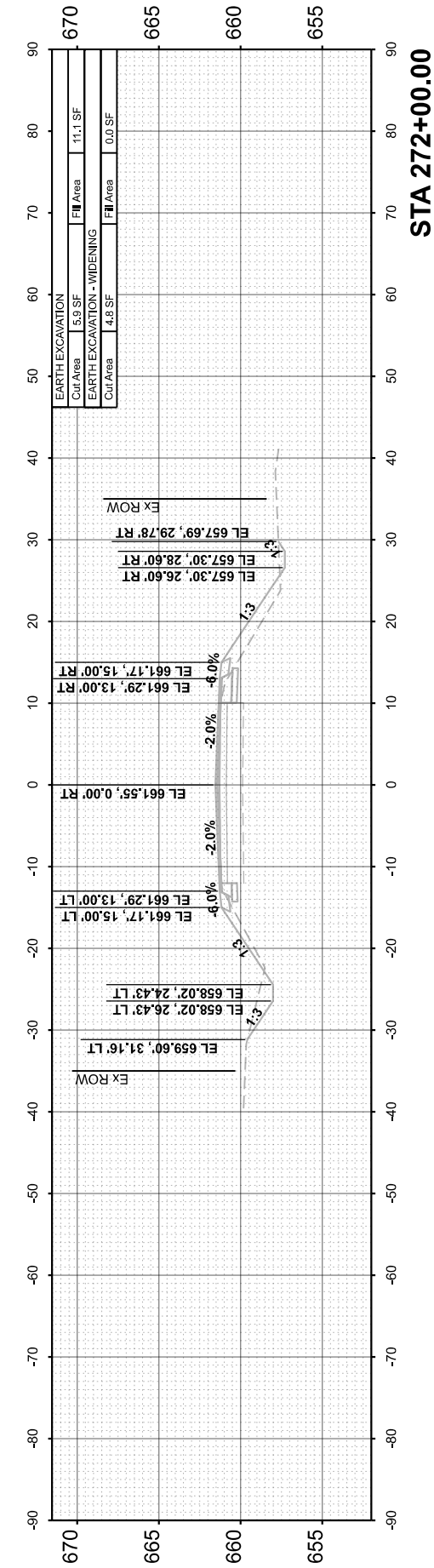
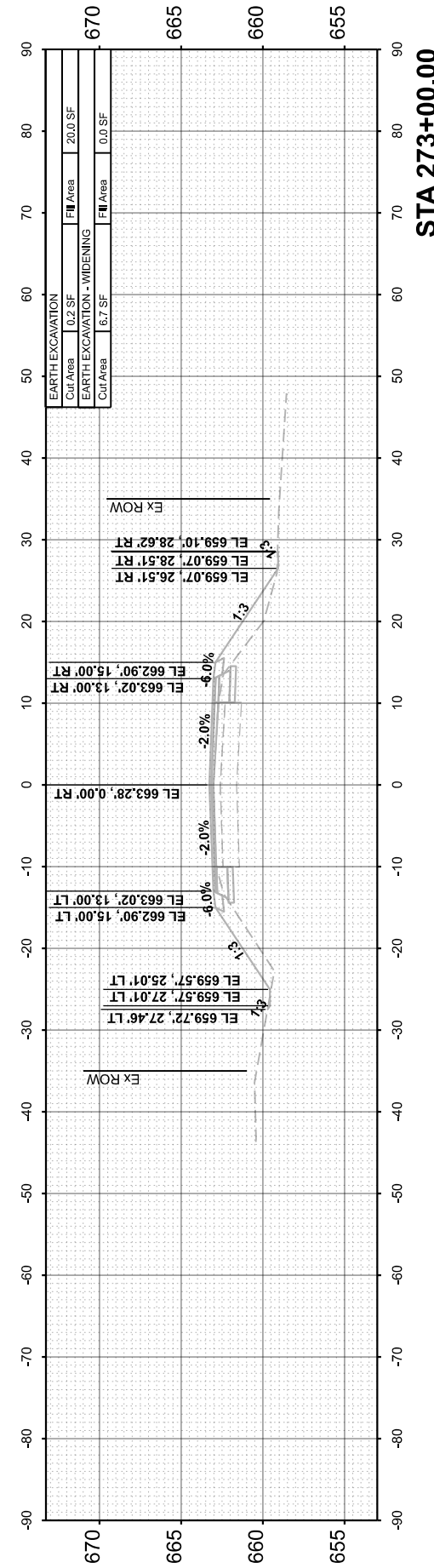
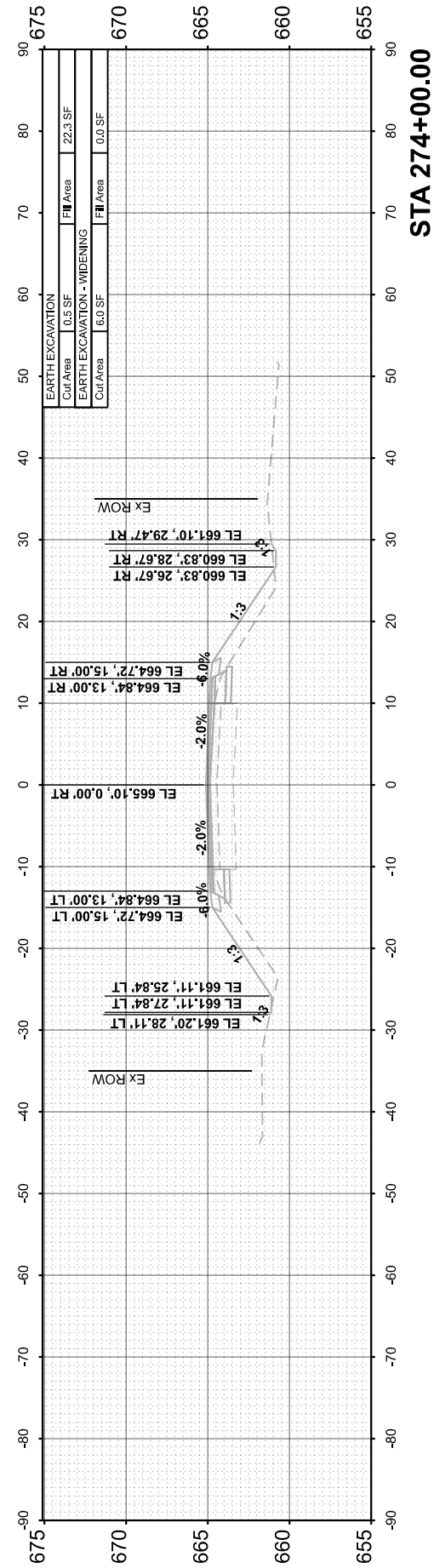
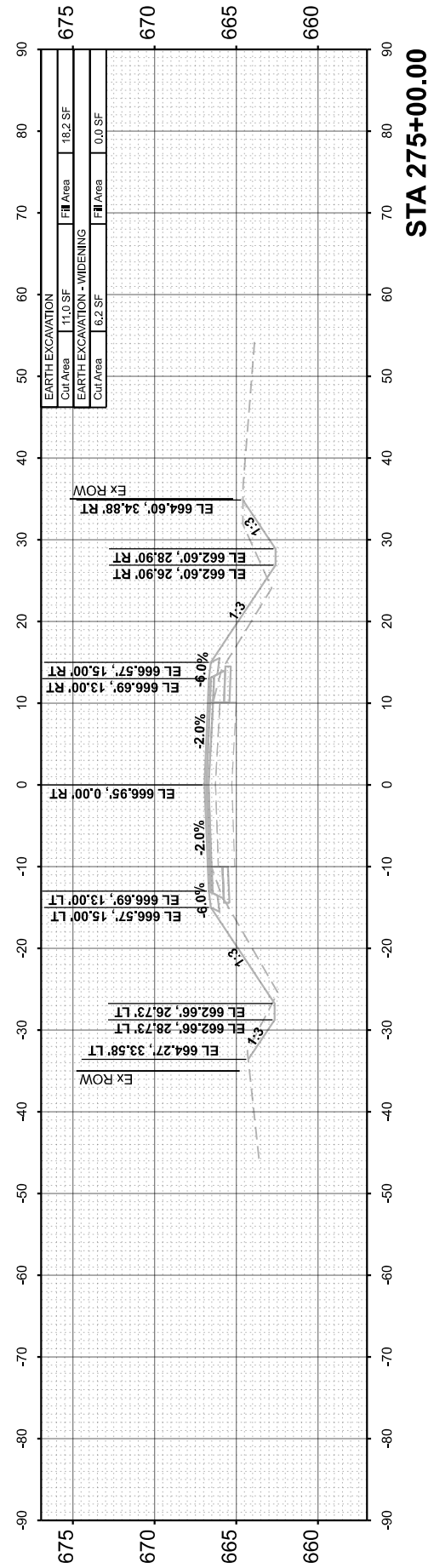
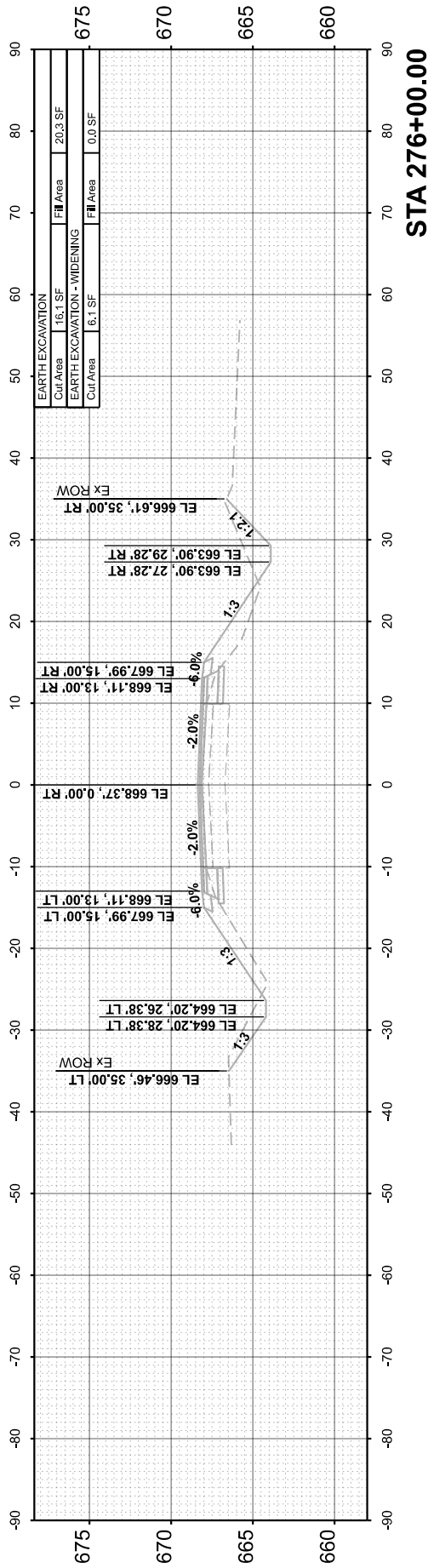
REVISED	-
REVISED	-
REVISED	-
REVISED	-

**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

SCALE: H=10 V=5 SHEET 44 OF 118 SHEETS STA. 272+00.00

**CH 15 (E 22nd RD)
 CROSS SECTIONS**

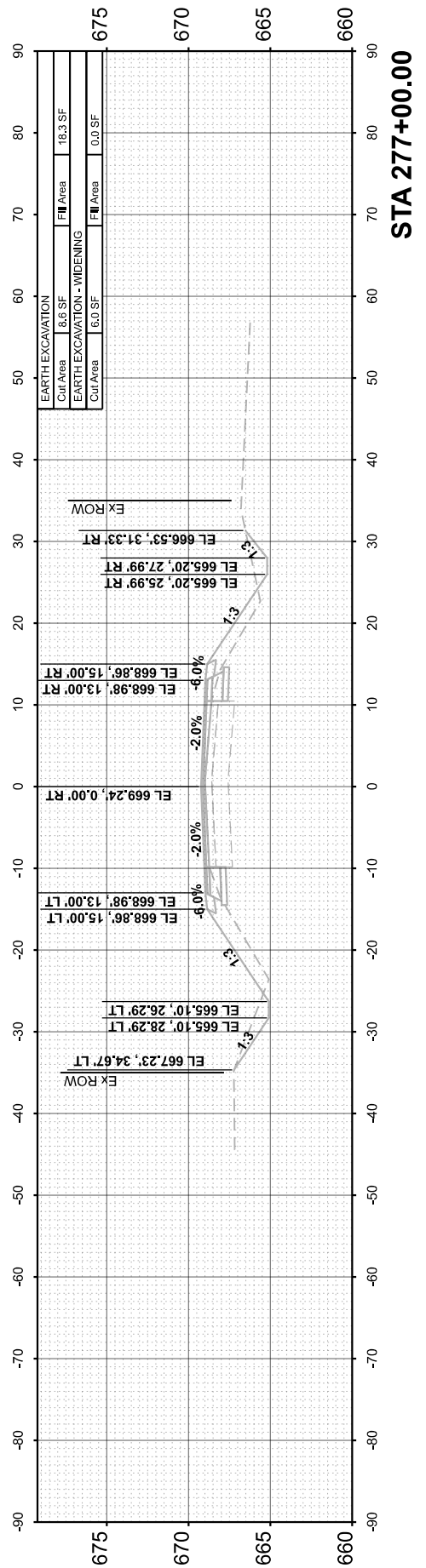
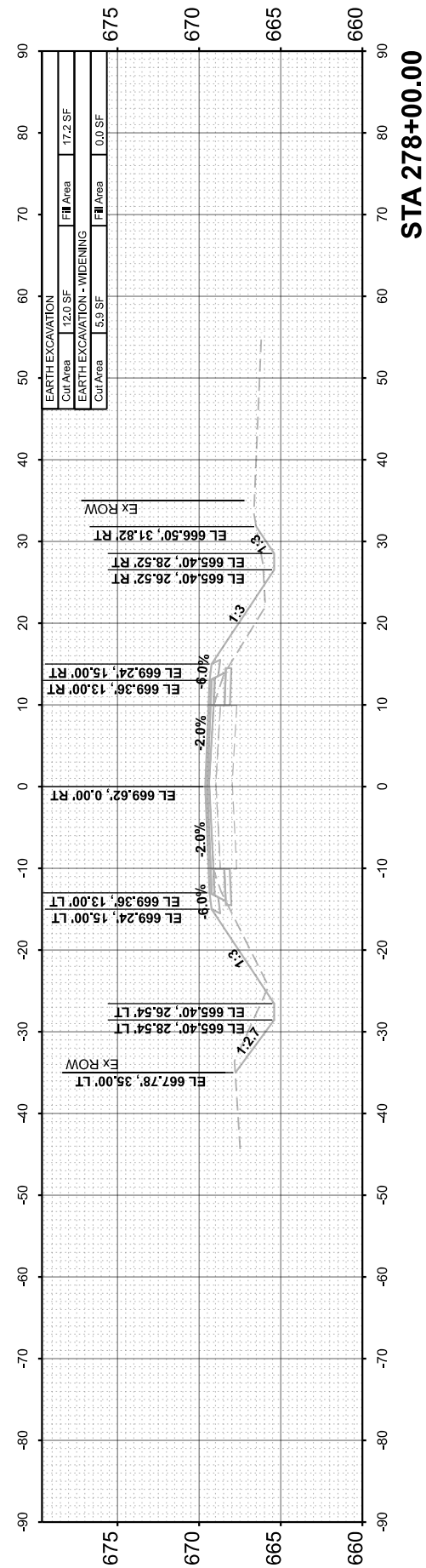
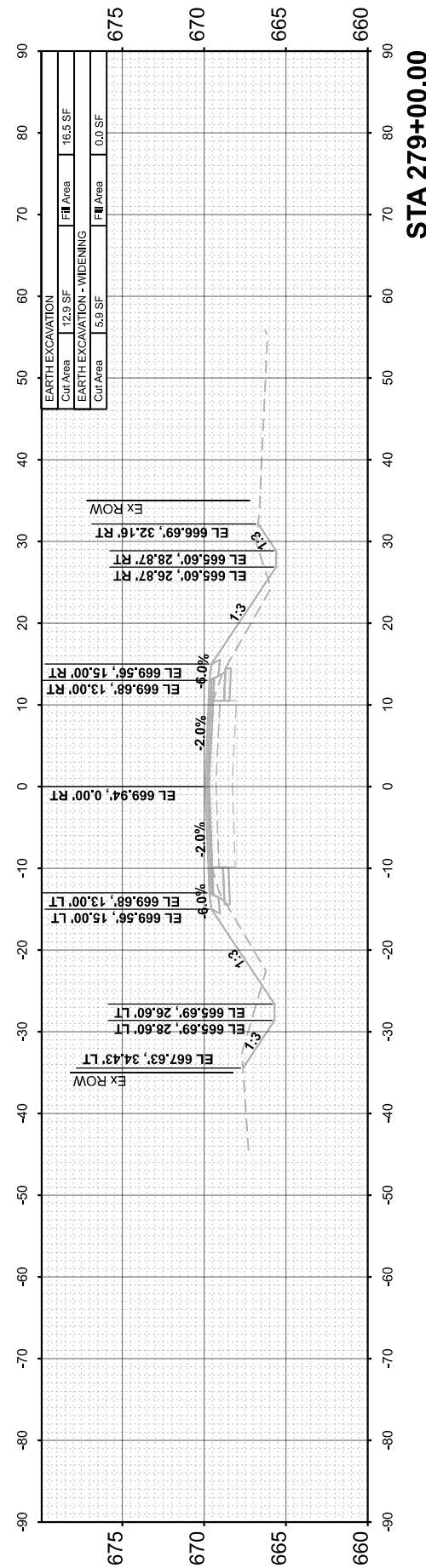
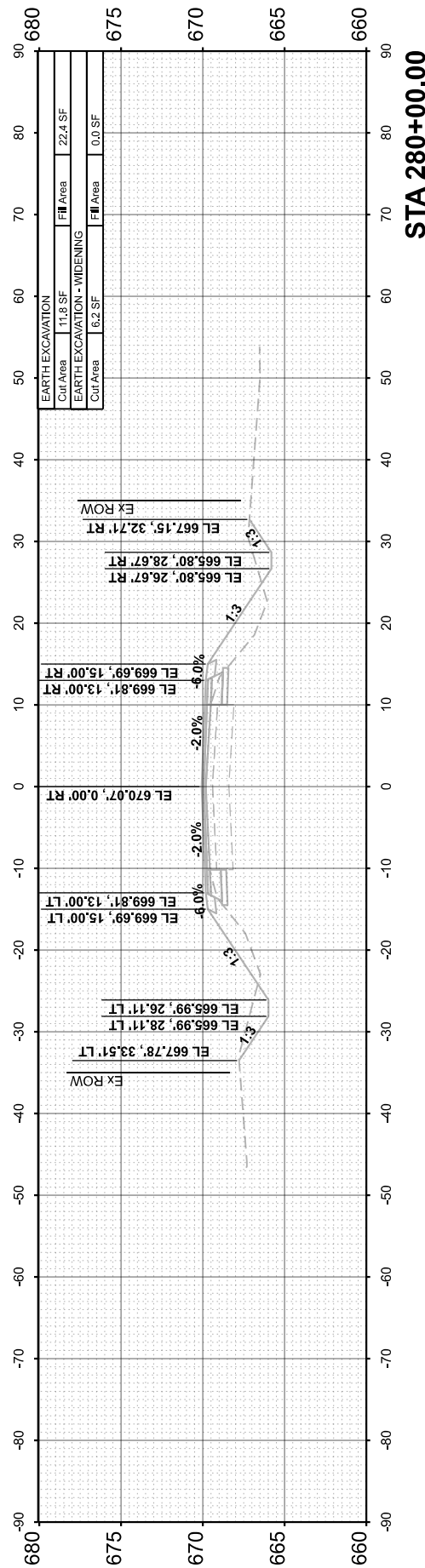
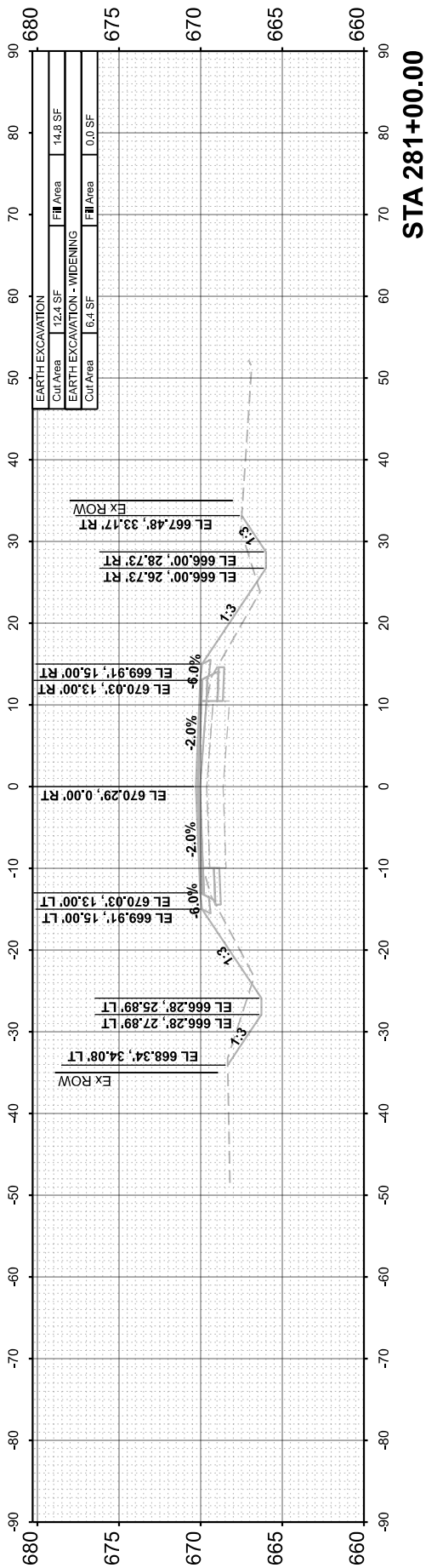
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
288	15-00351-00-WR	LASALLE	236	162
CONTRACT NO. 87801				
ILLINOIS		FED. AID PROJECT		



FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	DATE
NO.	AREAS CHECKED	

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

MODEL: EX_CH15 - 277+00.00 [Sheet]
 FILE NAME: V35001 - CH15 Design.Lasalle Co.CADD.CADD Sheets500 - str-csc-02.dgn



Hutchison Engineering, Inc.
 Jacksonville - Moline - Peoria - Shorewood
 Since 1945

USER NAME	= BDeCrane
PLOT SCALE	= 0.16666633''/in.
PLOT DATE	= 6/14/2023

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

REVISED	-
REVISED	-
REVISED	-
REVISED	-

**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

**CH 15 (E 22nd RD)
 CROSS SECTIONS**

SCALE: H=10 V=5 SHEET 45 OF 118 SHEETS STA. 277+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
288	15-00351-00-WR	LASALLE	236	163
CONTRACT NO. 87801				
ILLINOIS		FED. AID PROJECT		

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

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

MODEL: EX_CH15 - 281+97.40 [Sheet]
 FILE NAME: V35001 - CH15 Design Layout Co/CADD/CADD Sheets/501-281xc-c02-2.dgn

Hutchison Engineering, Inc.
 Jacksonville - Moline - Peoria - Shorewood
 Since 1945

USER NAME	= BDeCrane
DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-
PLOT SCALE	= 0.16666633'' in.
PLOT DATE	= 6/14/2023

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

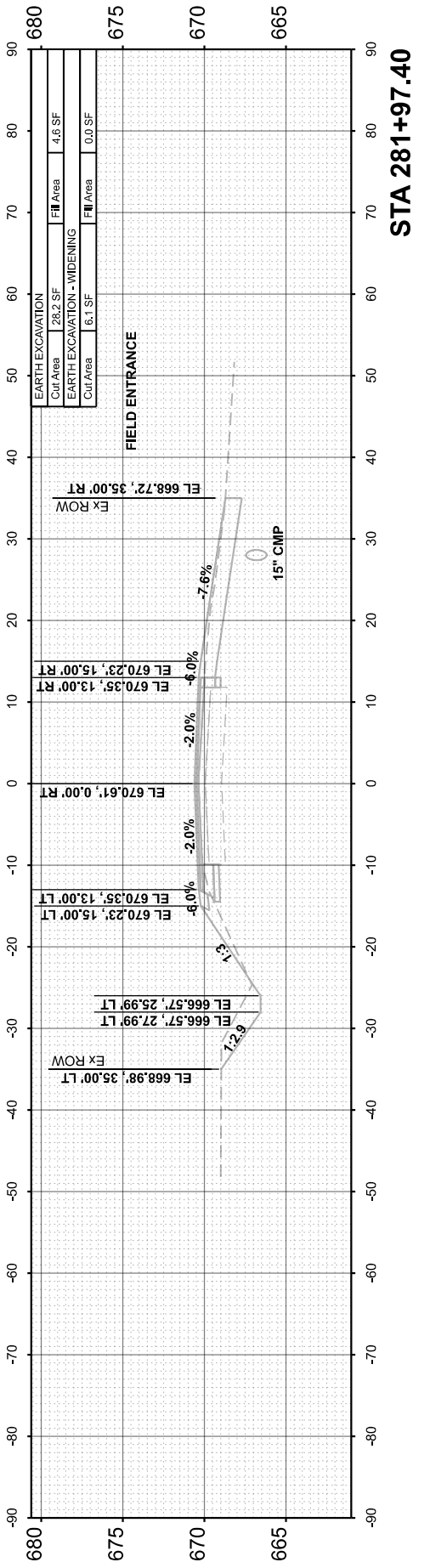
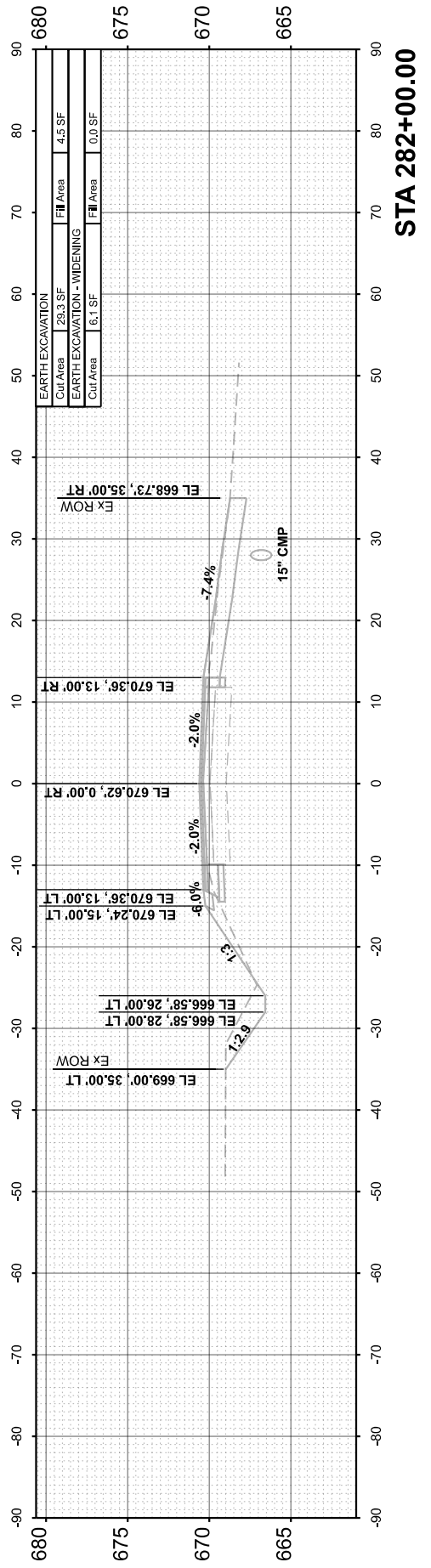
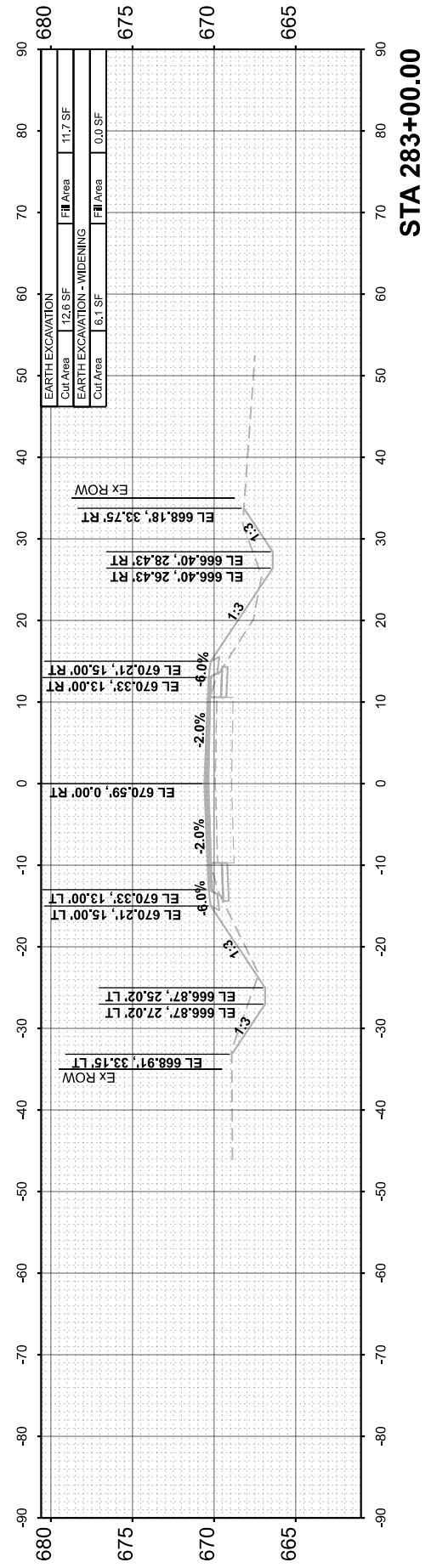
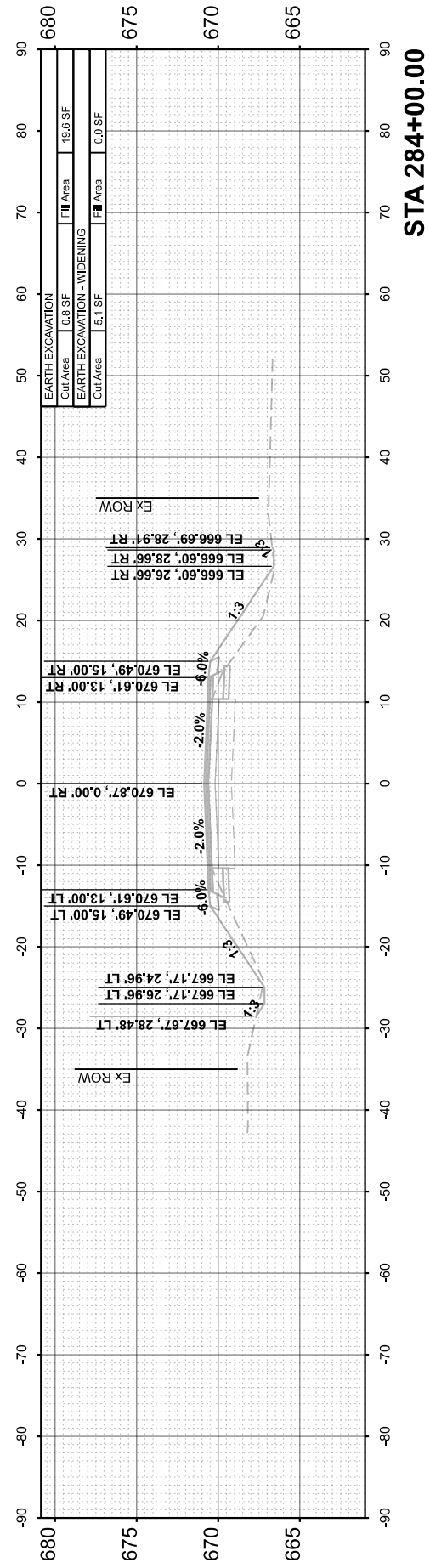
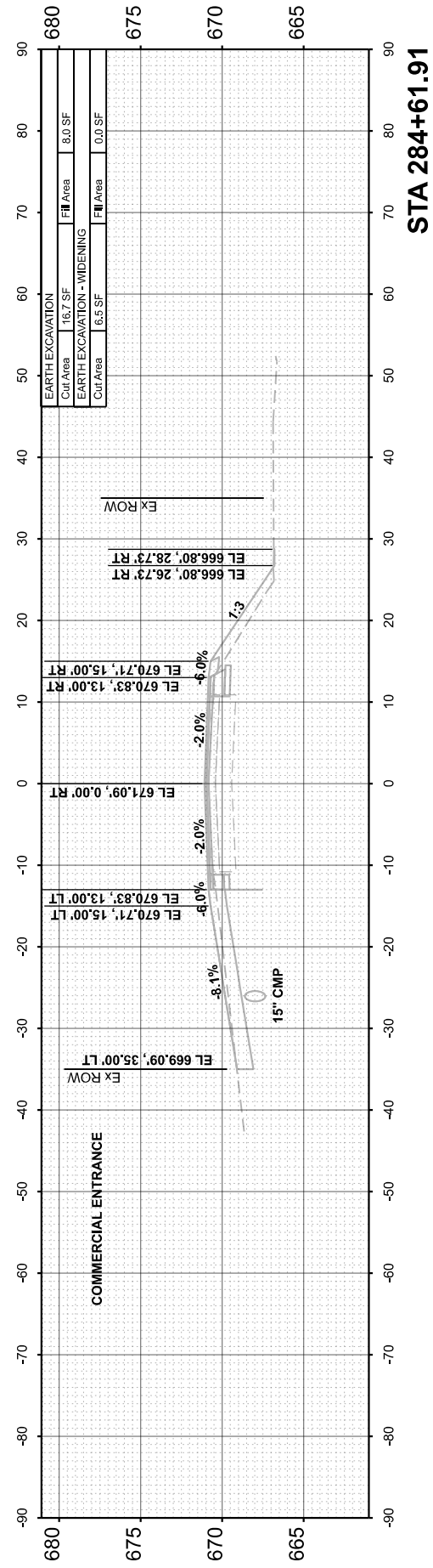
REVISED	-
REVISED	-
REVISED	-
REVISED	-

**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

SCALE: H=10 V=5 SHEET 46 OF 118 SHEETS STA. 281+97.40

**CH 15 (E 22nd RD)
 CROSS SECTIONS**

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
288	15-00351-00-WR	LASALLE	236	164
CONTRACT NO. 87801				
ILLINOIS		FED. AID PROJECT		



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

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

MODEL: EX_CH15 - 284+85.92 [Sheet]
 FILE NAME: V35001 - CH15 Design Layout - Co/CADD/CADD Sheets/5001 - str/csc-c07-2.dgn

Hutchison Engineering, Inc.
 Jacksonville - Moline - Peoria - Shorewood
 Since 1945

USER NAME	= BDDeCrane
DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-
PLOT SCALE	= 0.16666633'' in.
PLOT DATE	= 6/14/2023

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

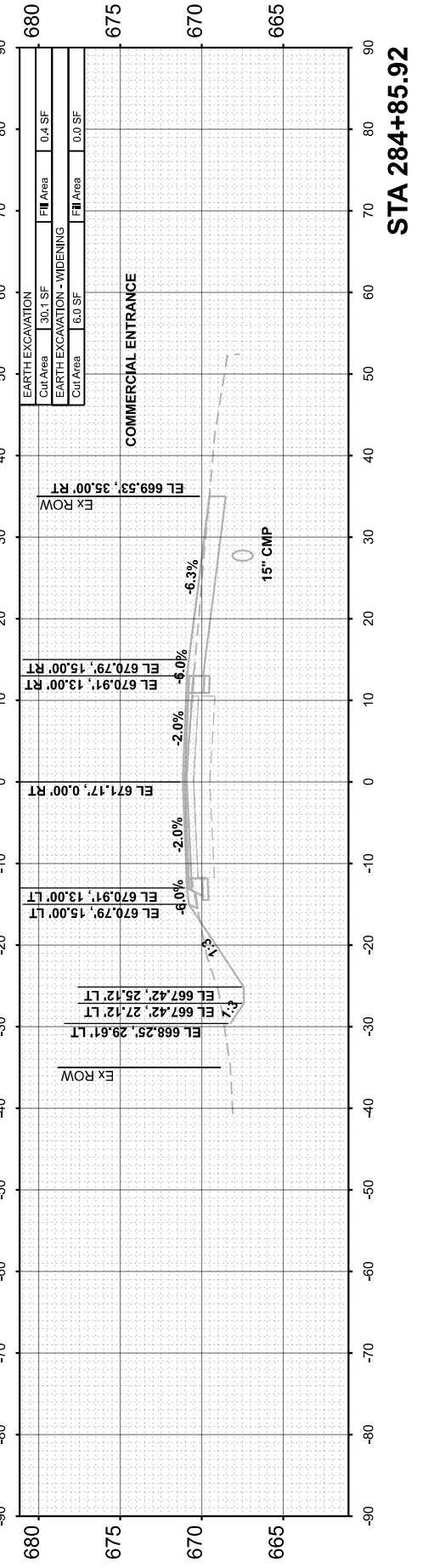
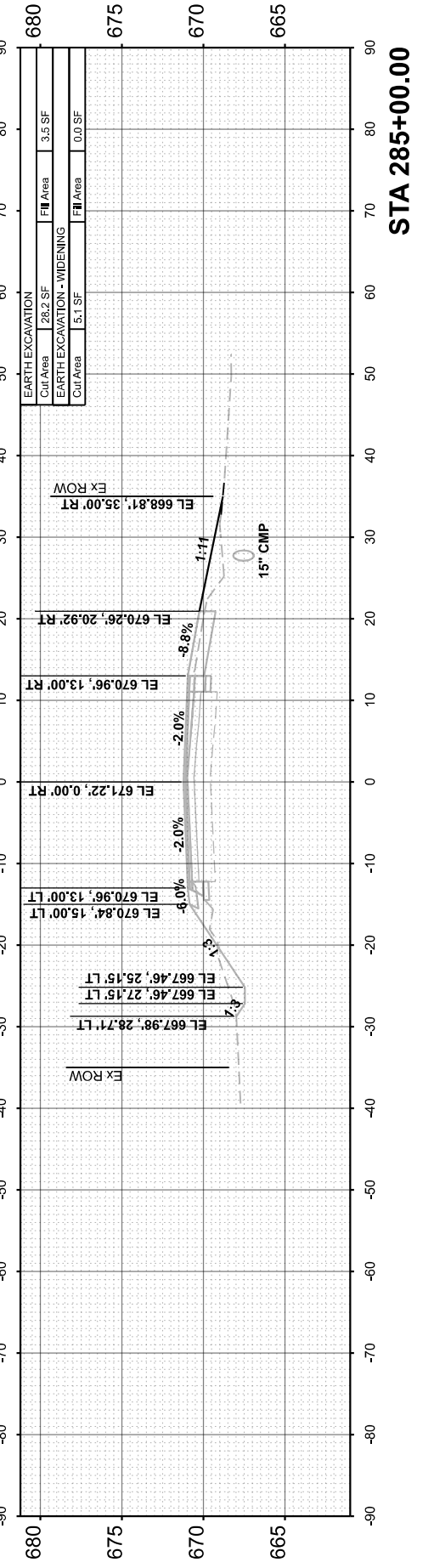
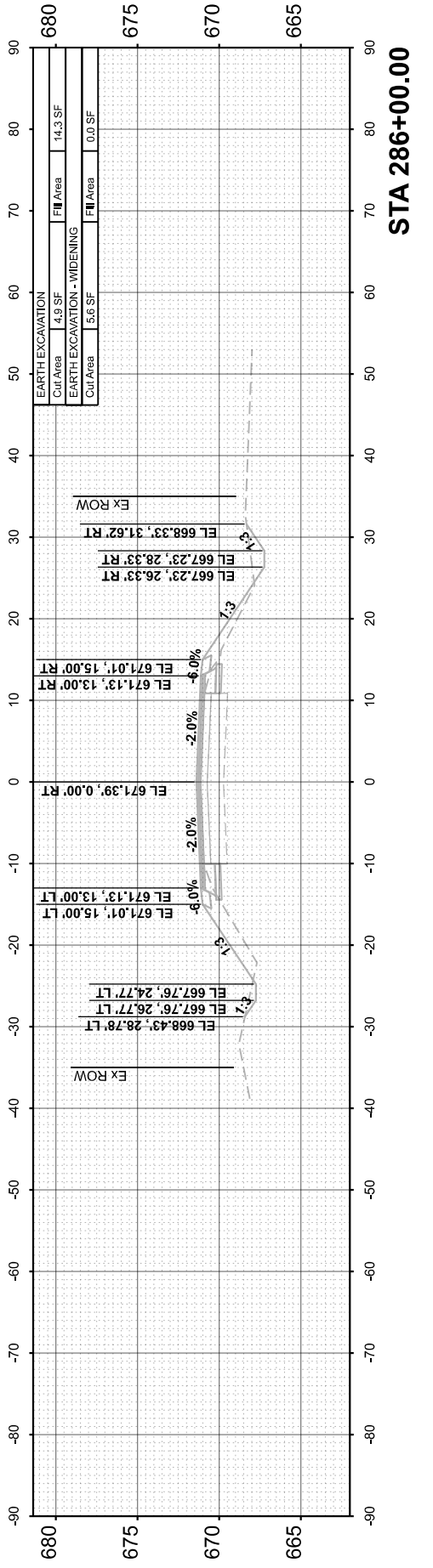
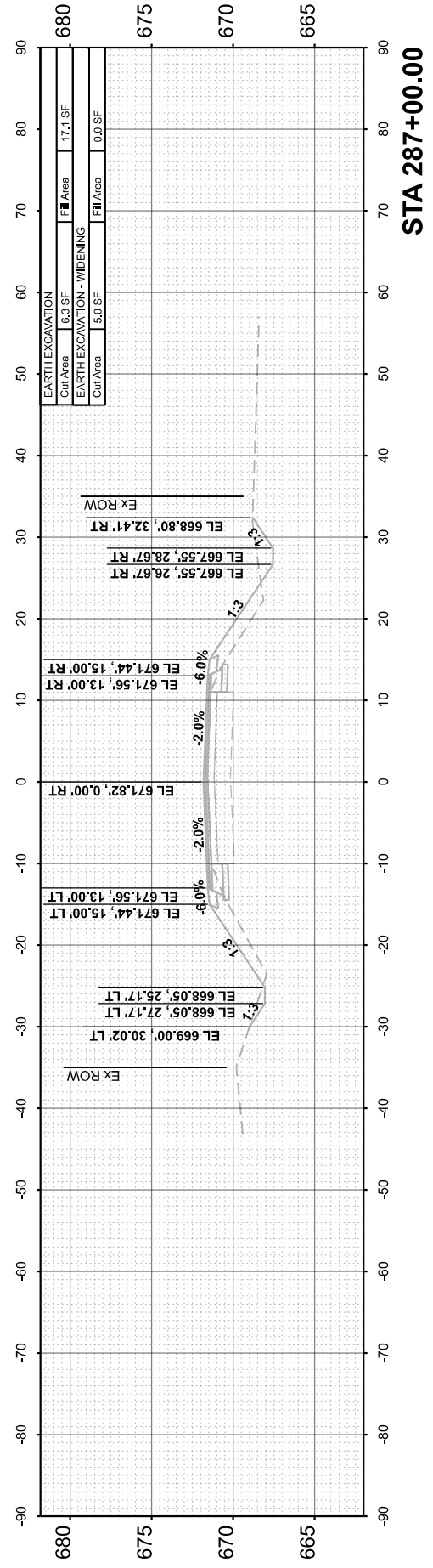
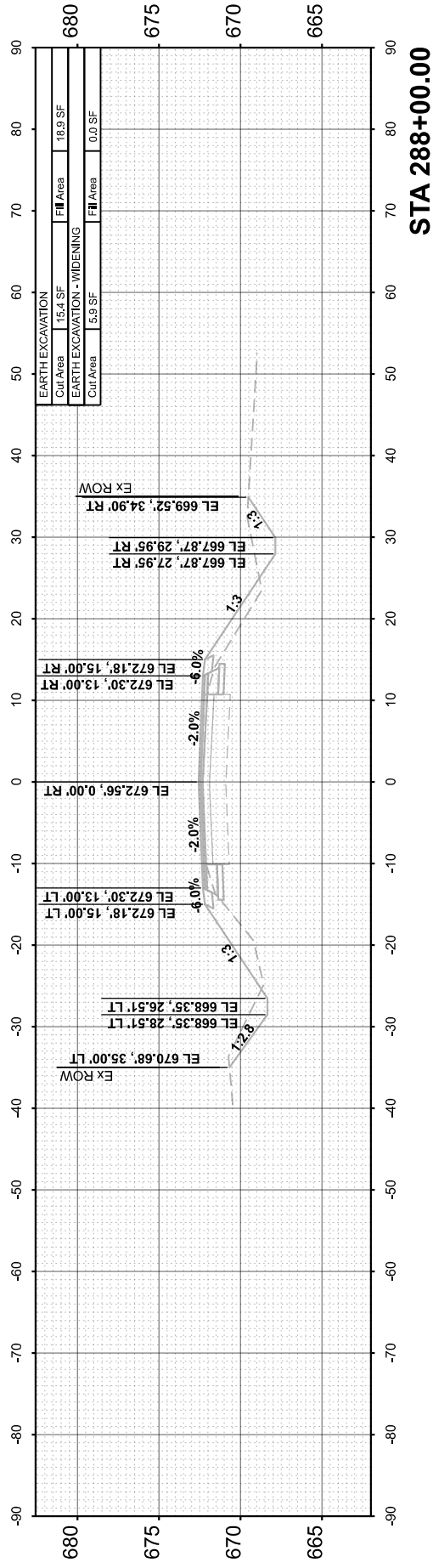
REVISED	-
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**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

**CH 15 (E 22nd RD)
 CROSS SECTIONS**

SCALE: H=10 V=5 SHEET 47 OF 118 SHEETS STA. 284+85.92

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
288	15-00351-00-WR	LASALLE	236	165
				CONTRACT NO. 87801
		ILLINOIS	FED. AID PROJECT	



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

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

MODEL: EX_CH15 - 289+00.00 (Sheet)
 FILE NAME: V35001 - CH15 Design Layout - Co/CADD/CADD Sheets/501 - str-cs-c-2.dgn

Hutchison Engineering, Inc.
 Jacksonville - Moline - Peoria - Shorewood
 Since 1945

USER NAME	= BDcraene
DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-
PLOT SCALE	= 0.16666633'' in.
PLOT DATE	= 6/14/2023

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

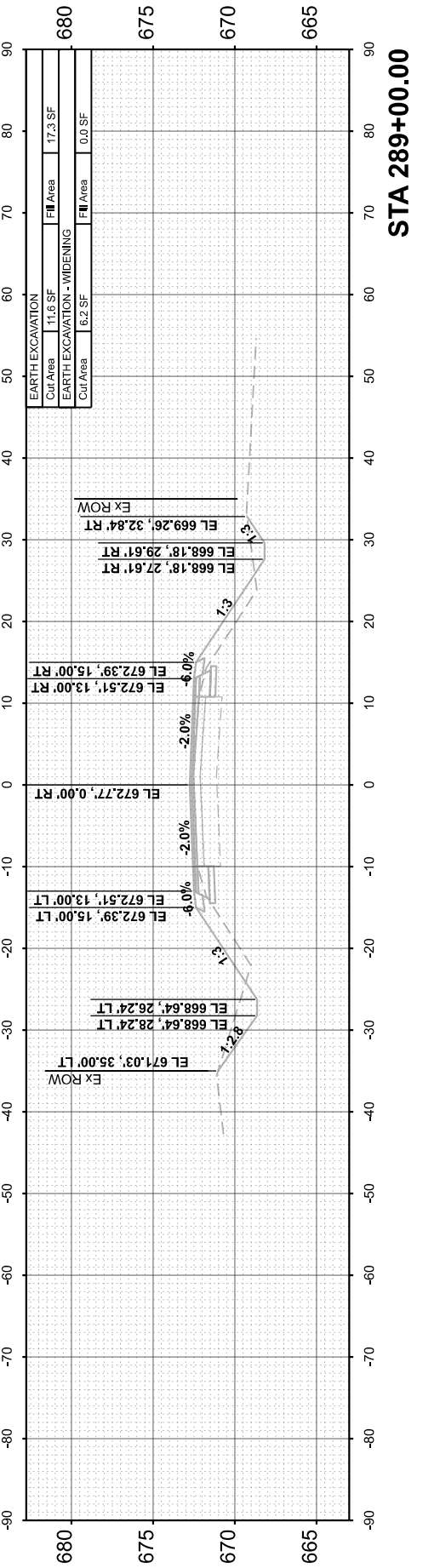
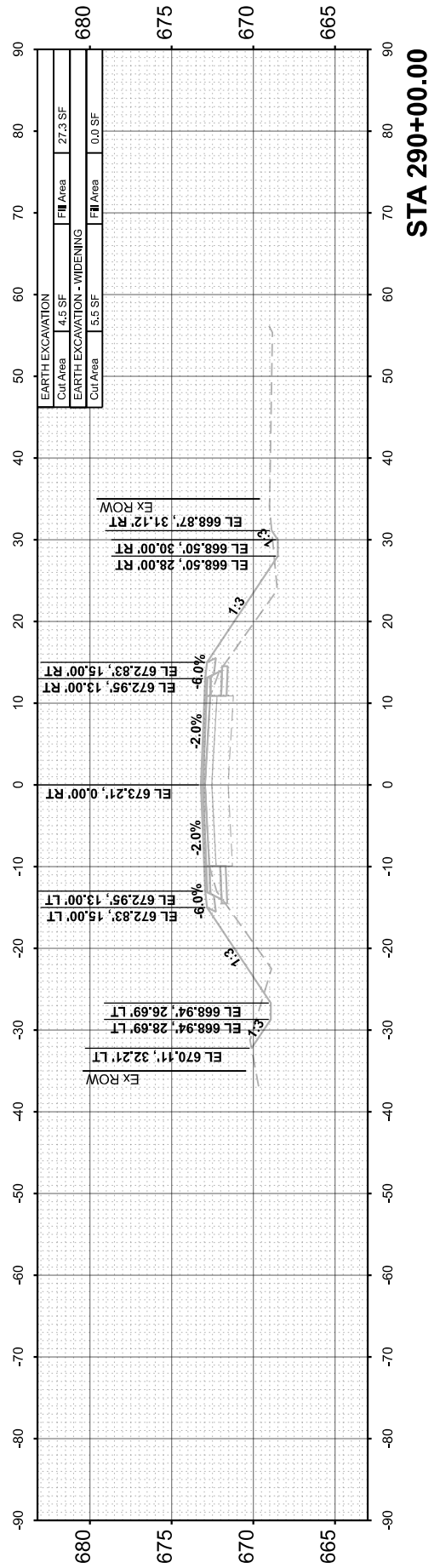
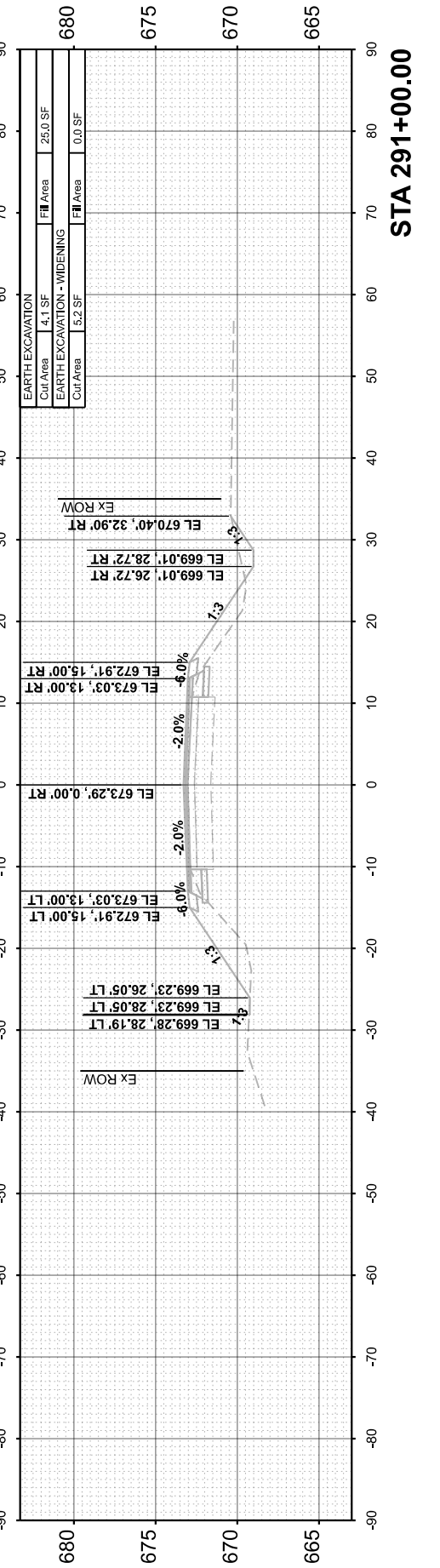
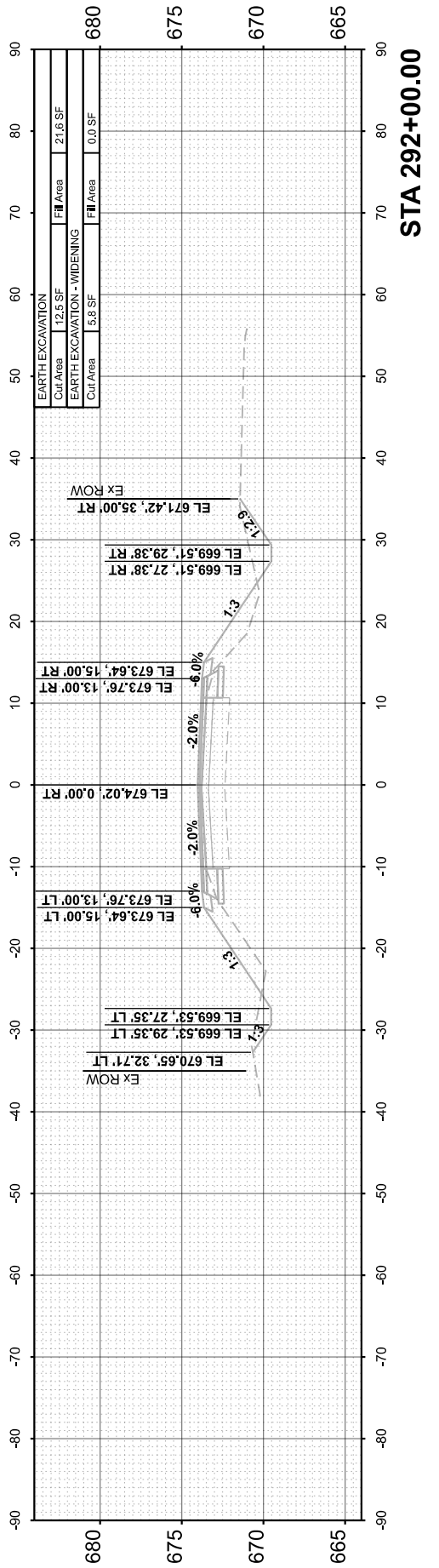
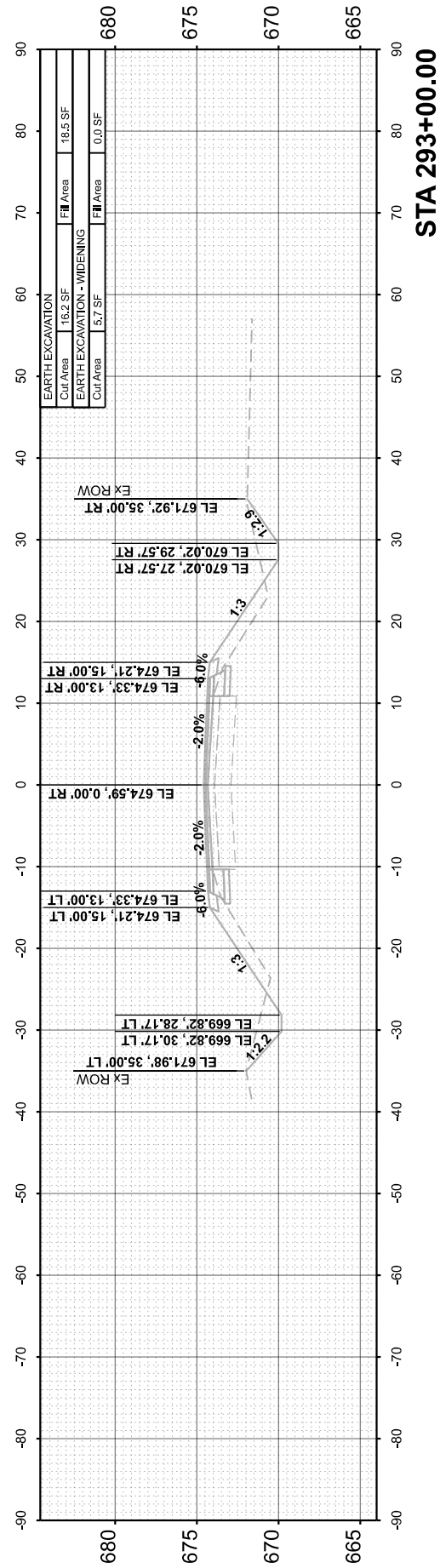
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REVISED	-
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REVISED	-

**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

**CH 15 (E 22nd RD)
 CROSS SECTIONS**

SCALE: H=10 V=5 SHEET 48 OF 118 SHEETS STA. 289+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
288	15-00351-00-WR	LASALLE	236	166
ILLINOIS FED. AID PROJECT			CONTRACT NO. 87801	



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

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

MODEL: EX_CH15 - 294+00.00 (Sheet)
 FILE NAME: V35001 - CH15 Design Layout - Co/CADD/CADD Sheets/501 - str/csc-c02-2.dgn

Hutchison Engineering, Inc.
 Jacksonville - Moline - Peoria - Shorewood
 Since 1945

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DRAWN	-
CHECKED	-
DATE	-
PLOT SCALE	= 0.16666633'' in.
PLOT DATE	= 6/14/2023

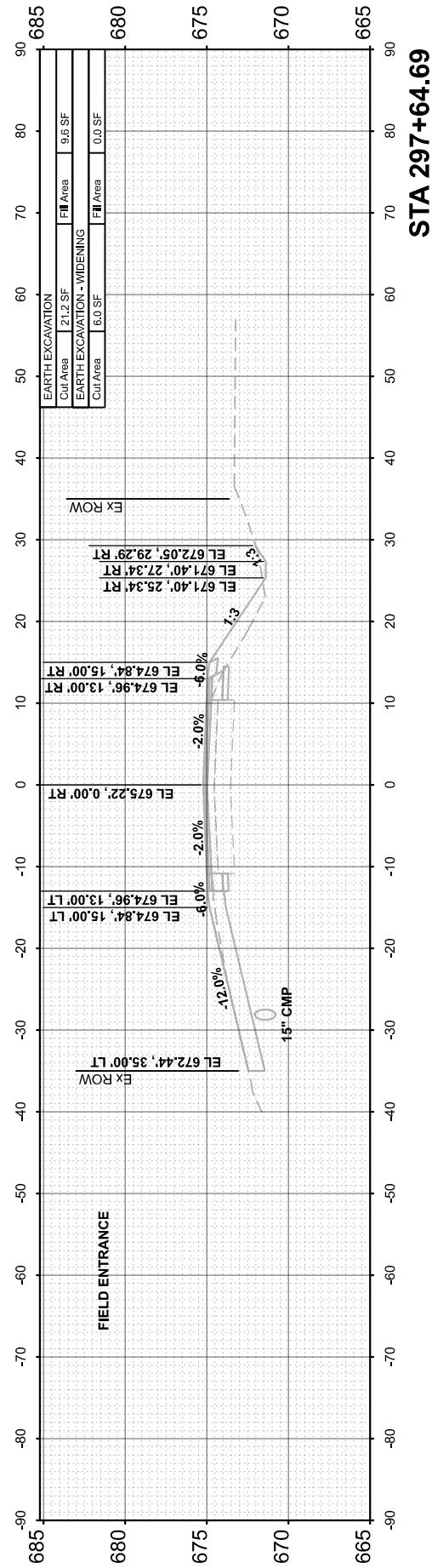
DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-
REVISED	-
REVISED	-
REVISED	-
REVISED	-

**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

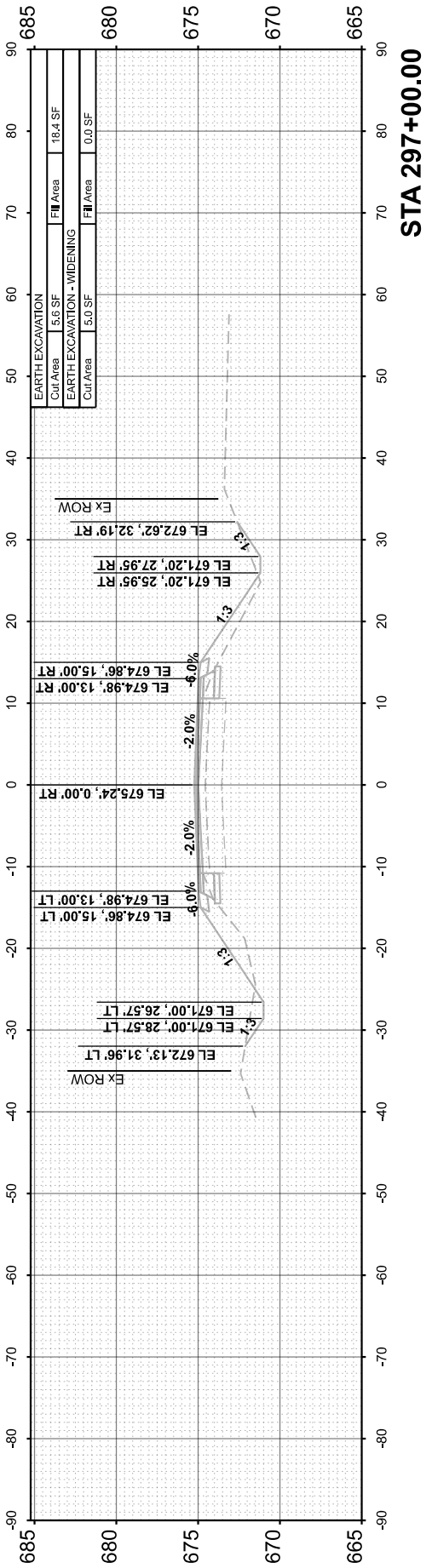
**CH 15 (E 22nd RD)
 CROSS SECTIONS**

SCALE: H=10 V=5 SHEET 49 OF 118 SHEETS STA. 294+00.00

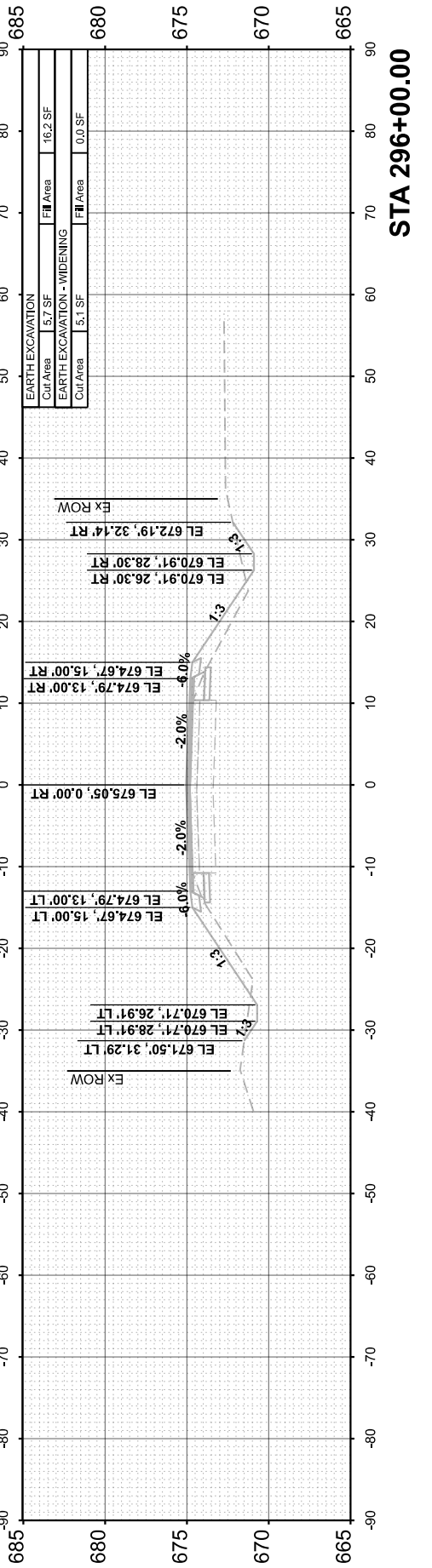
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
288	15-00351-00-WR	LASALLE	236	167
CONTRACT NO. 87801				
ILLINOIS		FED. AID PROJECT		



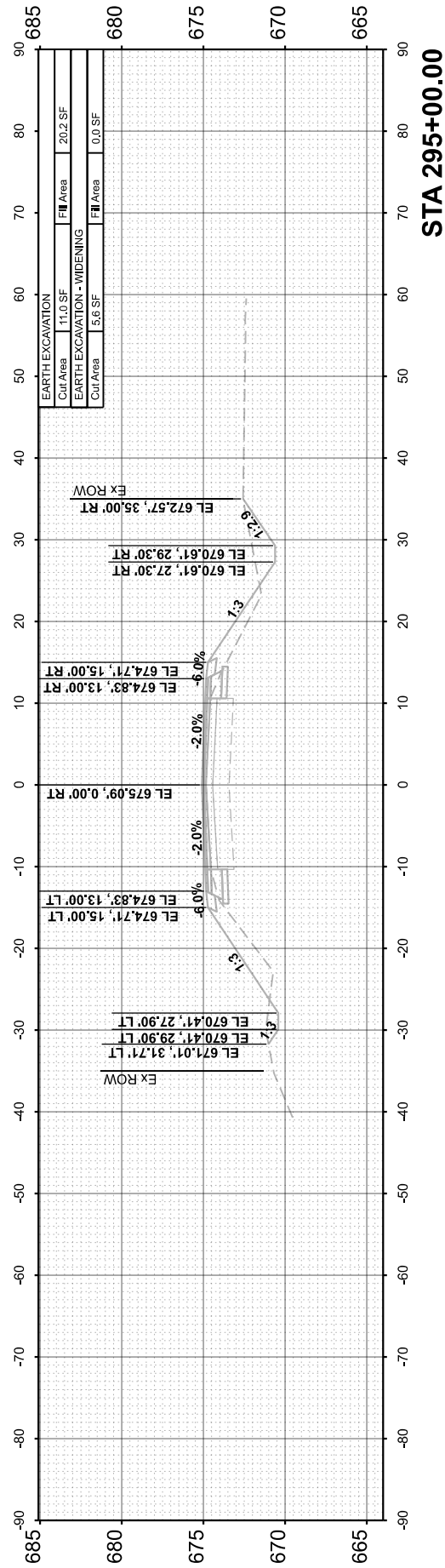
STA 297+64.69



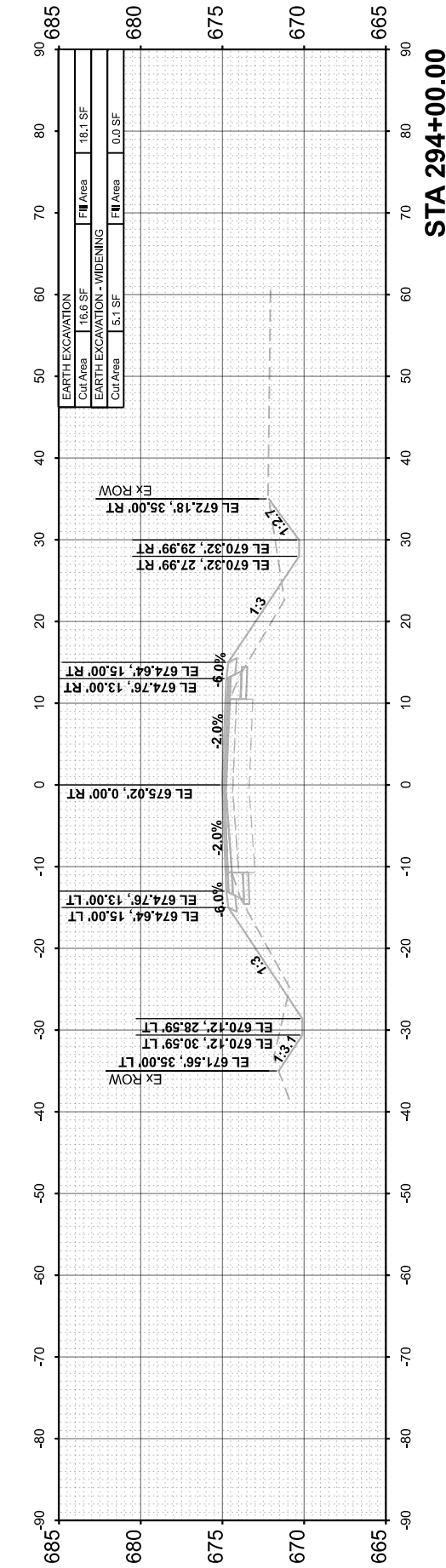
STA 297+00.00



STA 296+00.00



STA 295+00.00



STA 294+00.00

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

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

MODEL: EX_CH15 - 298+00.00 [Sheet]
FILE NAME: V35001 - CH15 Design Layout Co/CADD/CADD Sheets/501-298+00-2.dgn

Hutchison Engineering, Inc.
Jacksonville - Moline - Peoria - Shorewood
Since 1945

USER NAME	= BDcraene
DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-
PLOT SCALE	= 0.16666633'' in.
PLOT DATE	= 6/14/2023

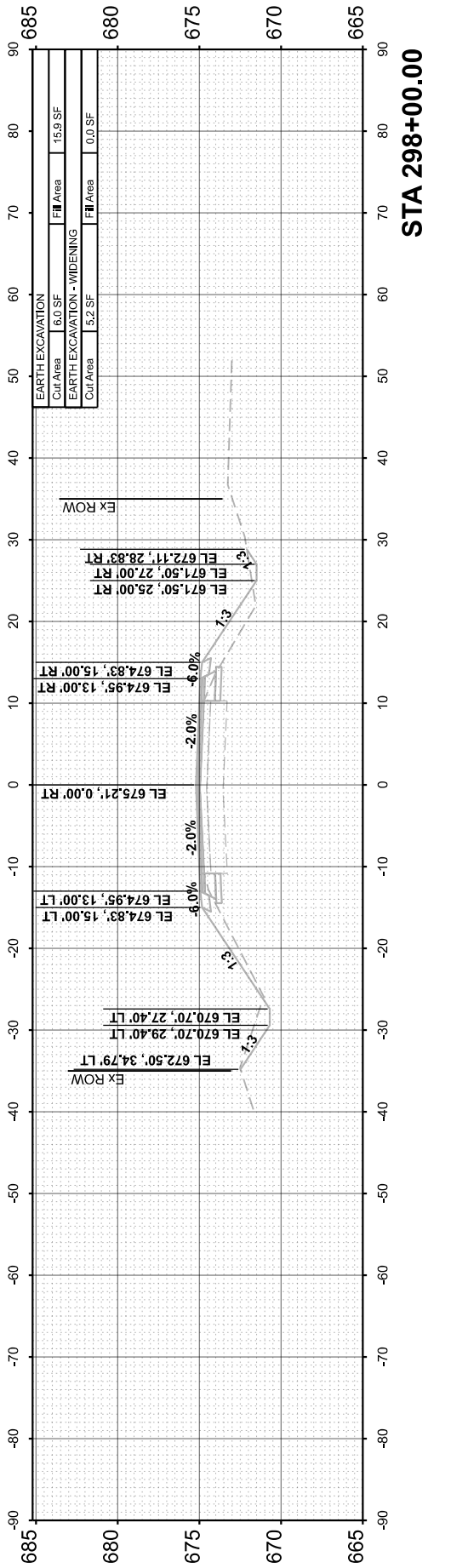
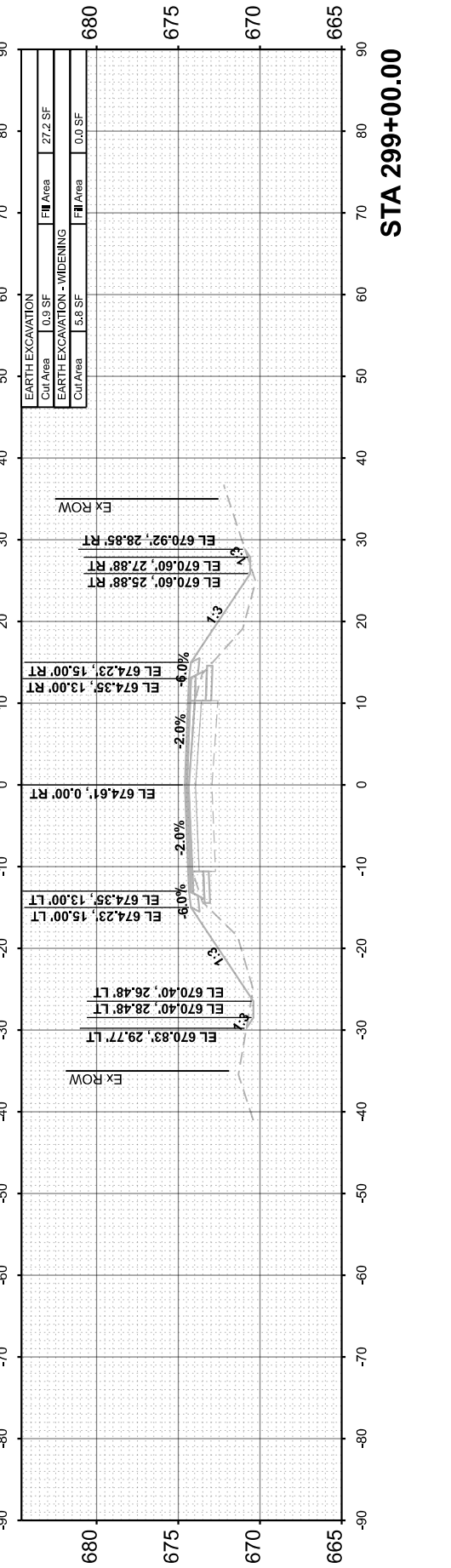
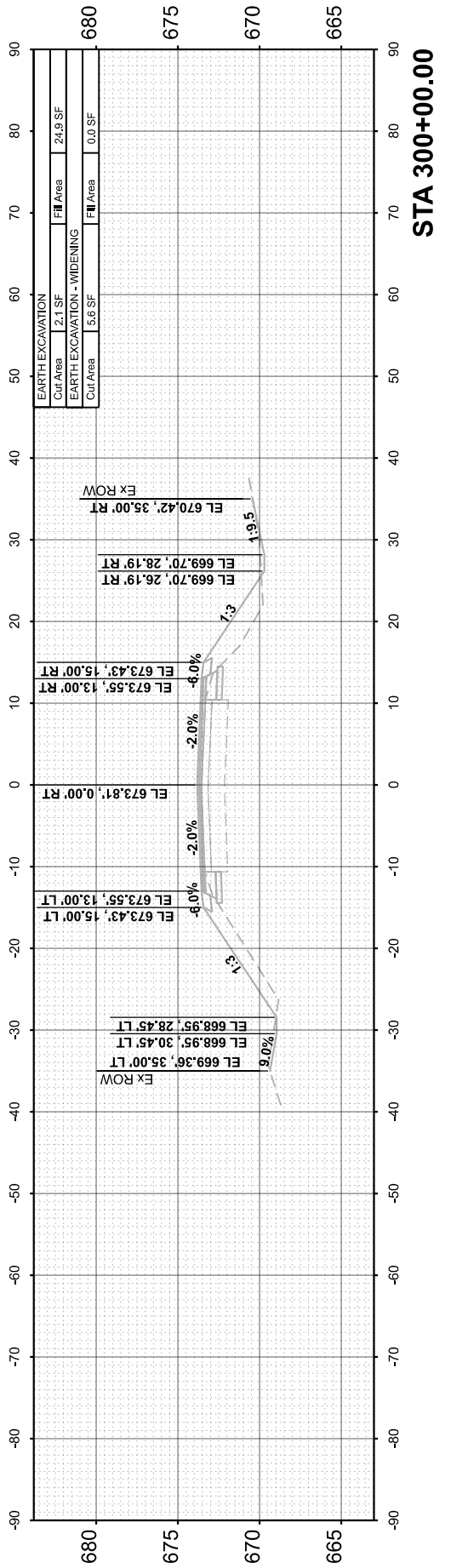
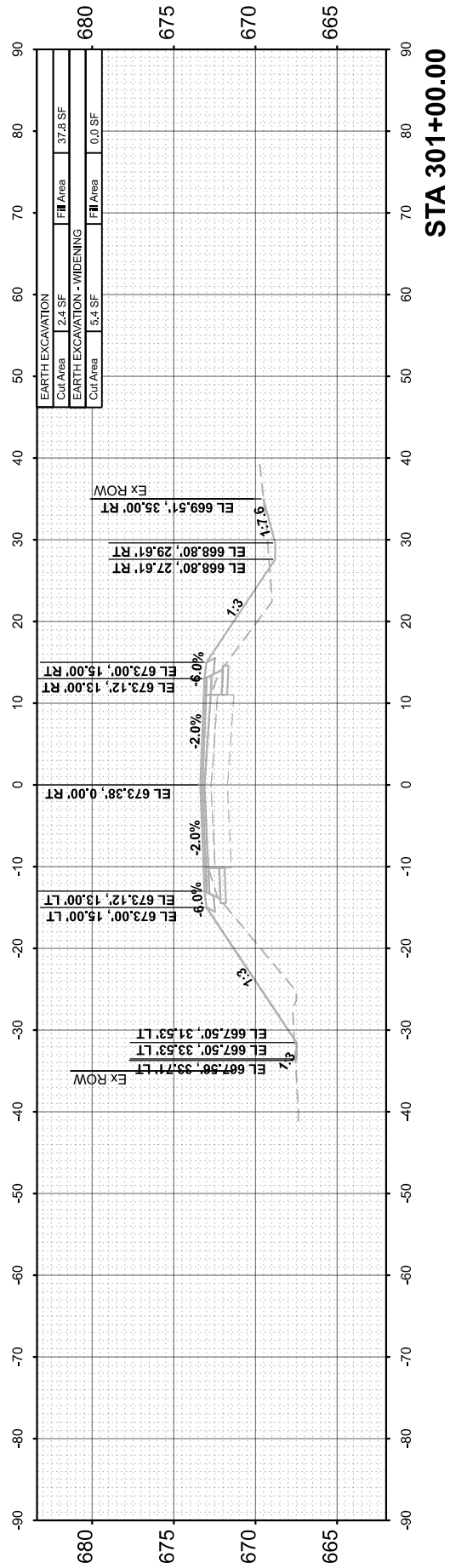
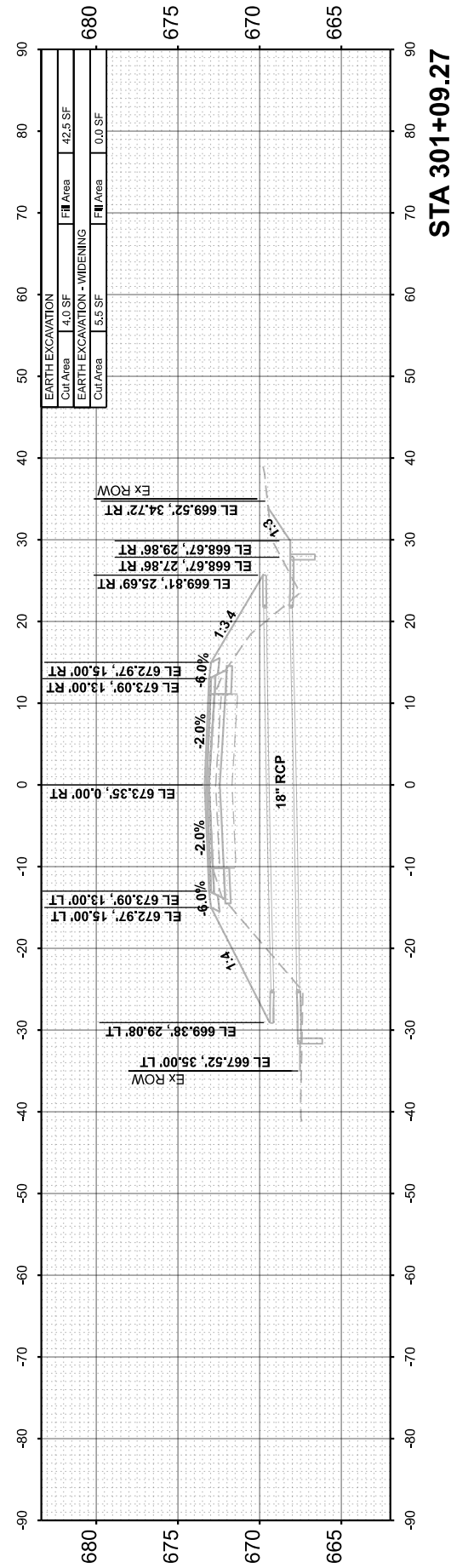
REVISION	-
REVISION	-
REVISION	-
REVISION	-

**LASALLE COUNTY
HIGHWAY DEPARTMENT**

**CH 15 (E 22nd RD)
CROSS SECTIONS**

SCALE: H=10 V=5 SHEET 50 OF 118 SHEETS STA. 298+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
288	15-00351-00-WR	LASALLE	236	168
CONTRACT NO. 87801				
ILLINOIS		FED. AID PROJECT		



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

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

MODEL: EX_CH15 - 306+00.00 (Sheet)
 FILE NAME: V35001 - CH15 Design - Lasalle Co/CADD/CADD Sheets/501 - str/csc-c02-2.dgn

Hutchison Engineering, Inc.
 Jacksonville - Moline - Peoria - Shorewood
 Since 1945

USER NAME	= BDcraene
DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-
PLOT SCALE	= 0.16666633''/in.
PLOT DATE	= 6/14/2023

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

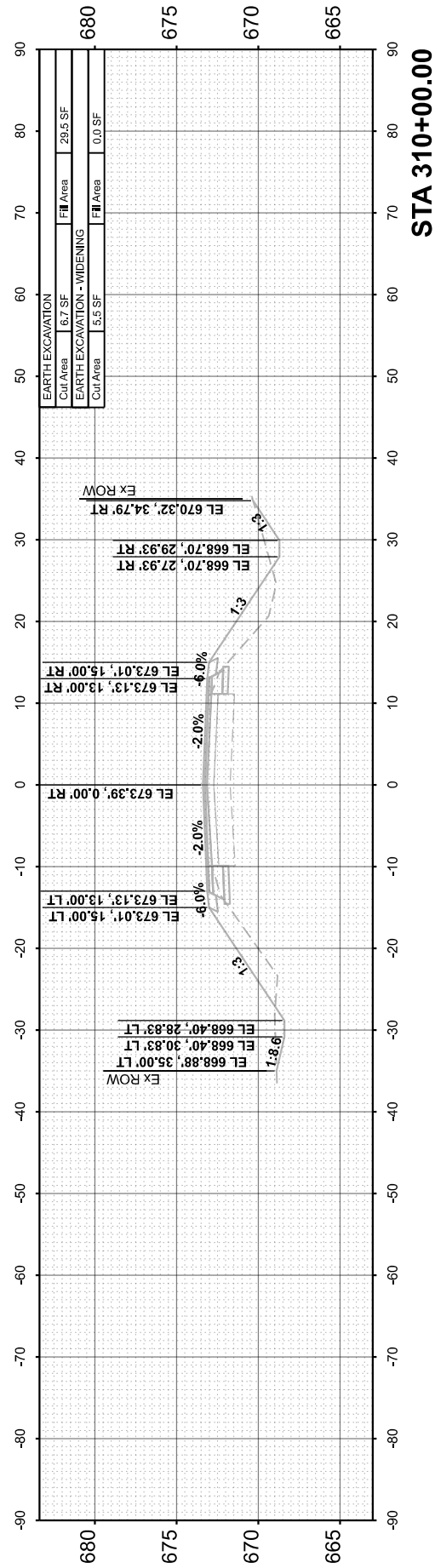
REVISED	-
REVISED	-
REVISED	-
REVISED	-

**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

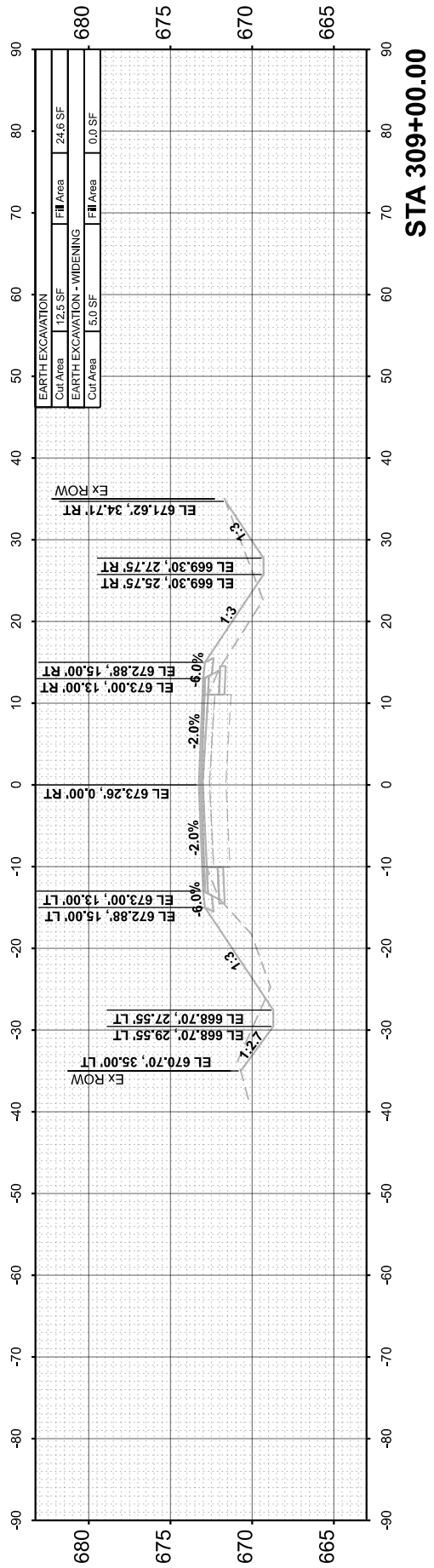
SCALE: H=10 V=5 SHEET 52 OF 118 SHEETS STA. 306+00.00

**CH 15 (E 22nd RD)
 CROSS SECTIONS**

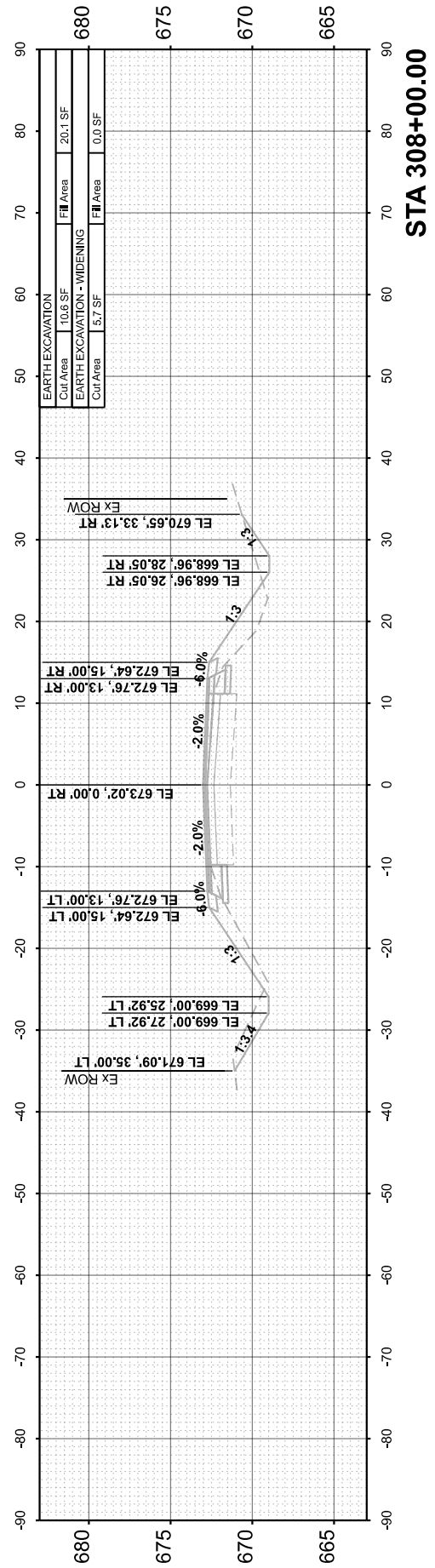
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
288	15-00351-00-WR	LASALLE	236	170
				CONTRACT NO. 87801
		ILLINOIS	FED. AID PROJECT	



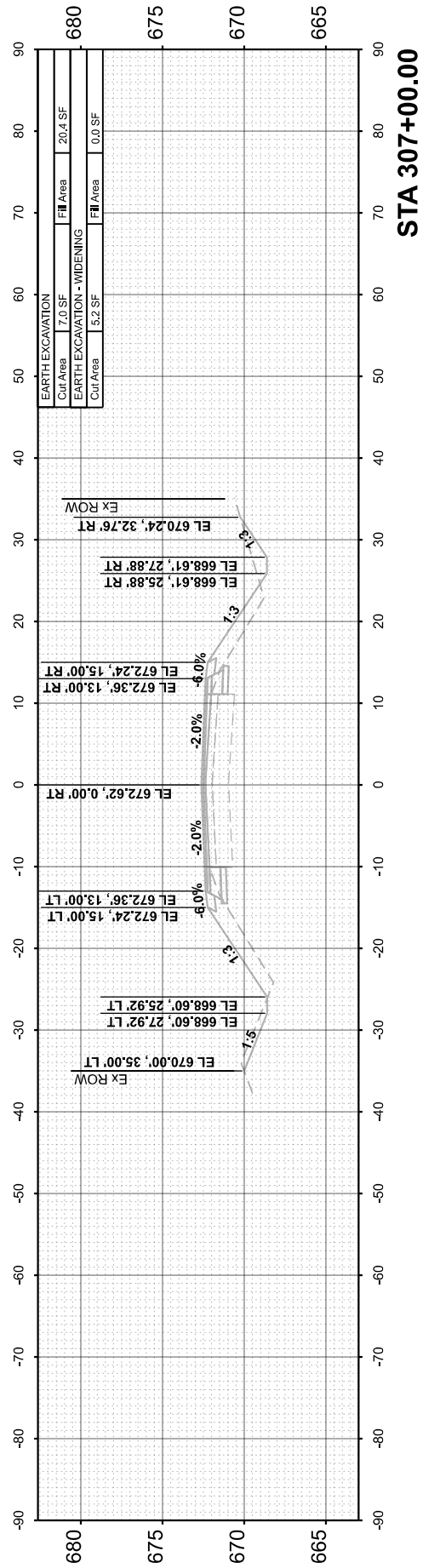
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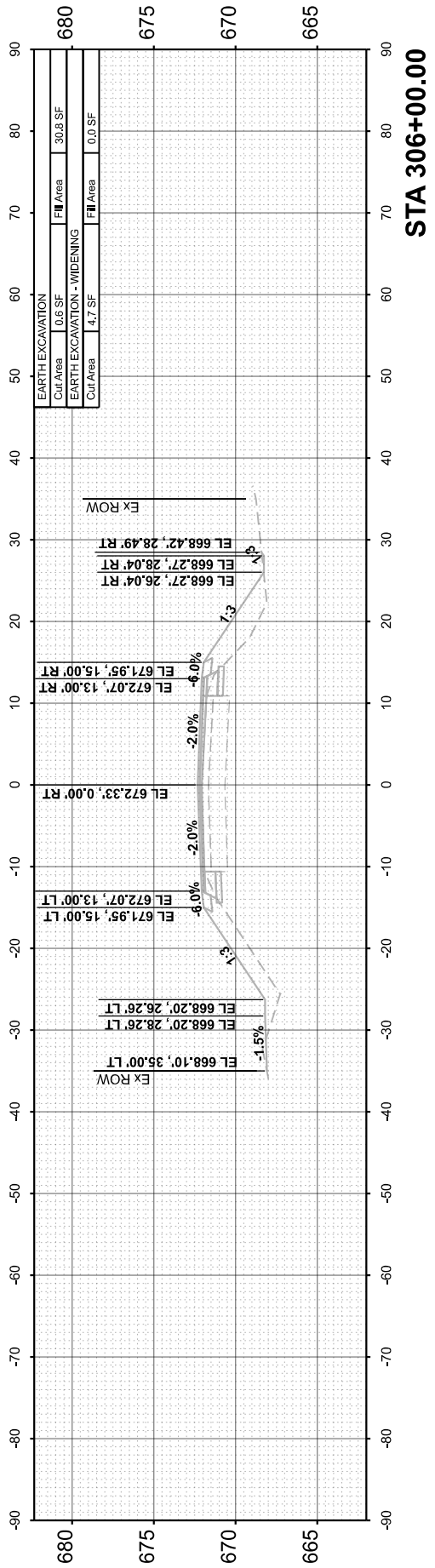
STA 309+00.00



STA 308+00.00



STA 307+00.00

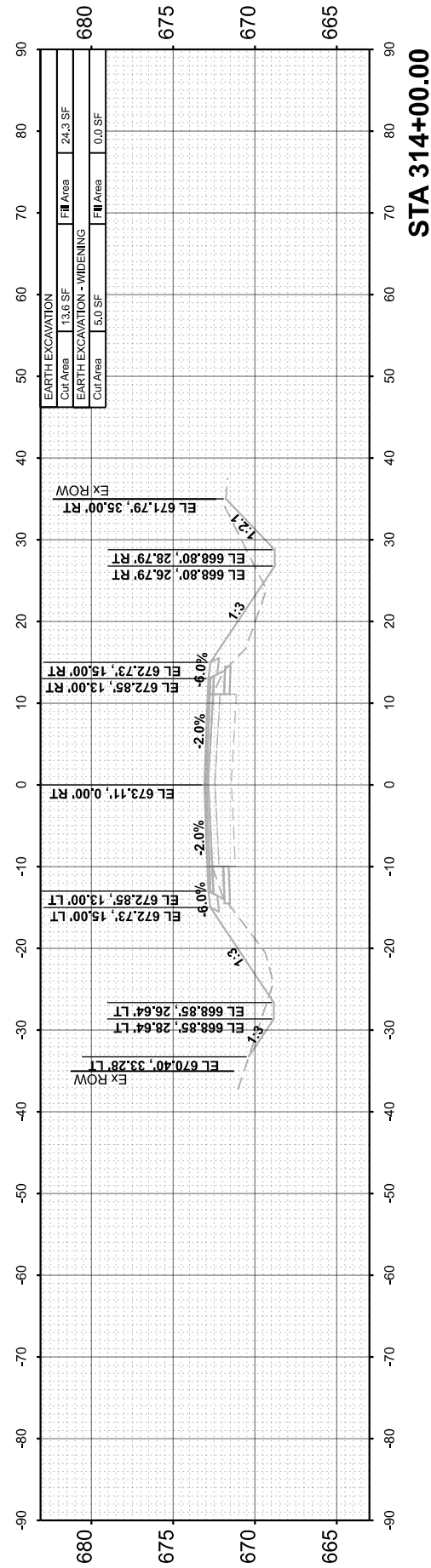


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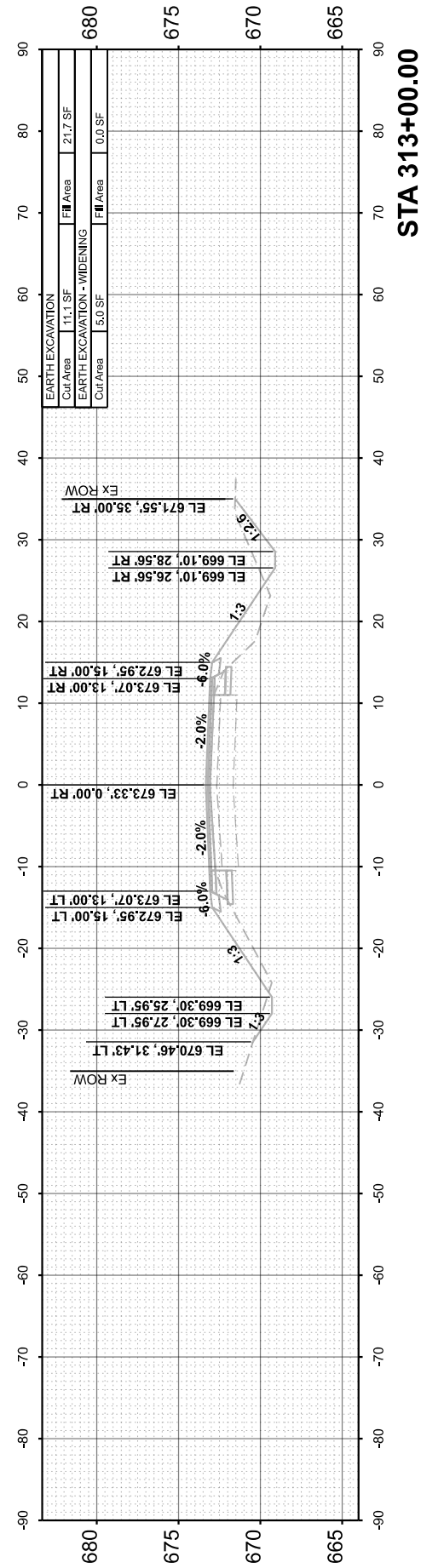
FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

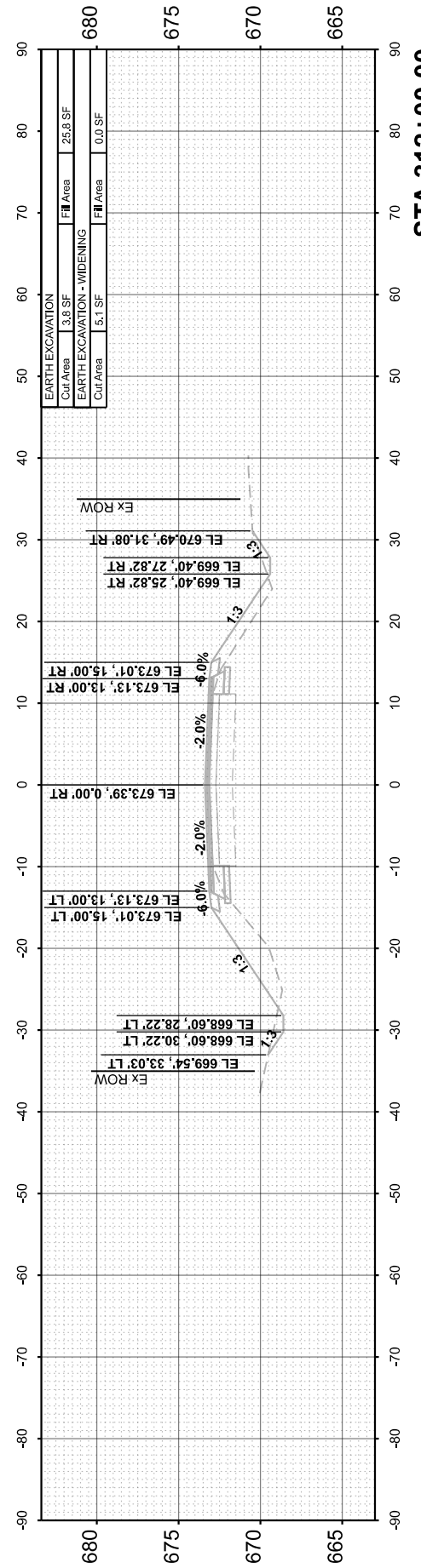
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 FILE NAME: V35001 - CH15 Design Layout - Co/CADD/CADD Sheets/501 - str/csc-c02-2.dgn



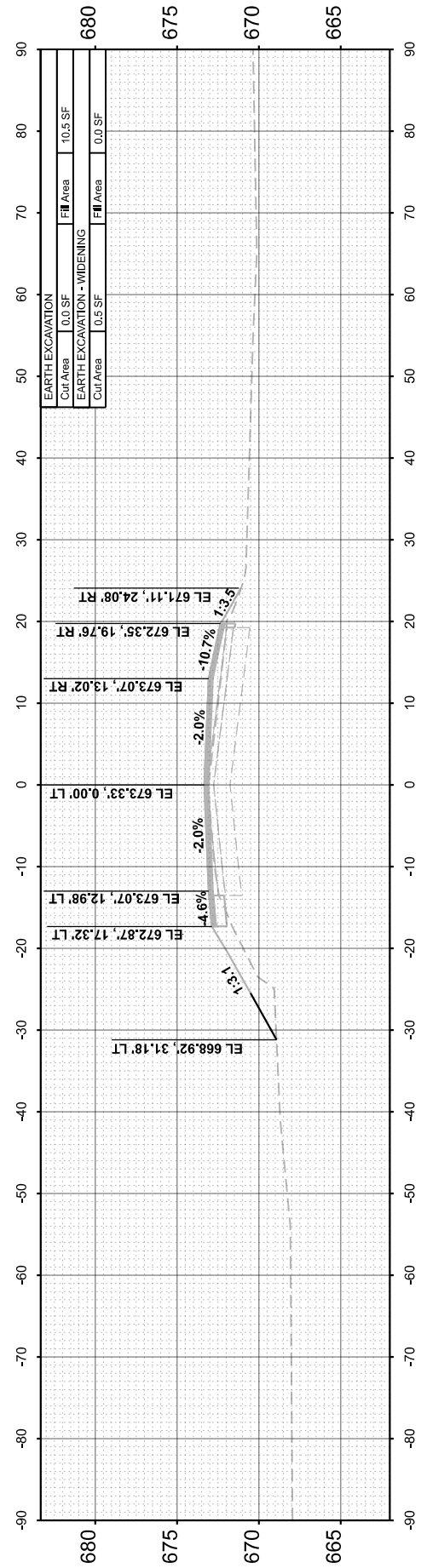
STA 314+00.00



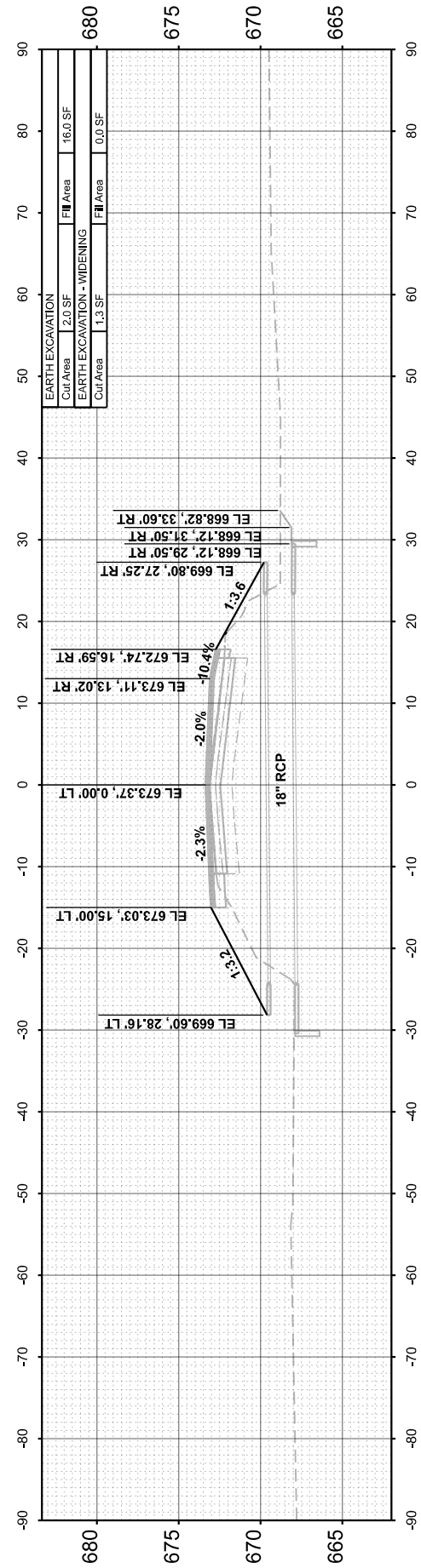
STA 313+00.00



STA 312+00.00



STA 311+00.00



STA 310+95.82

Hutchison Engineering, Inc.
 Jacksonville - Moline - Peoria - Shorewood
 Since 1945

USER NAME = BDeCrane	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 0.16666633' / in.	CHECKED -	REVISED -
PLOT DATE = 6/14/2023	DATE -	REVISED -

**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

**CH 15 (E 22nd RD)
 CROSS SECTIONS**

SCALE: H=10 V=5 SHEET 53 OF 118 SHEETS STA. 310+95.82

F.A.S. RTE. 288	SECTION 15-00351-00-WR	COUNTY LASALLE	TOTAL SHEETS 236	SHEET NO. 171
ILLINOIS FED. AID PROJECT			CONTRACT NO. 87801	

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

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

MODEL: EX_CH15 - 315+00.00 (Sheet)
 FILE NAME: V35001 - CH15 Design Layout Co/CADD/CADD Sheets/501-sheets-c02-2.dgn

Hutchison Engineering, Inc.
 Jacksonville - Moline - Peoria - Shorewood
 Since 1945

USER NAME	= BDDeCrane
DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-
PLOT SCALE	= 0.16666633'' in.
PLOT DATE	= 6/14/2023

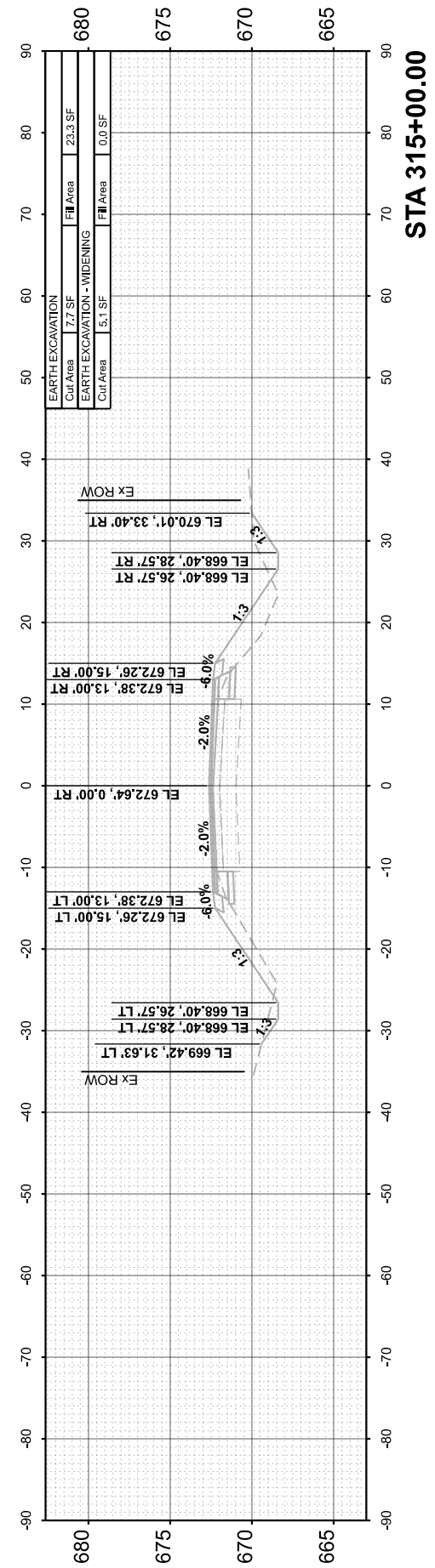
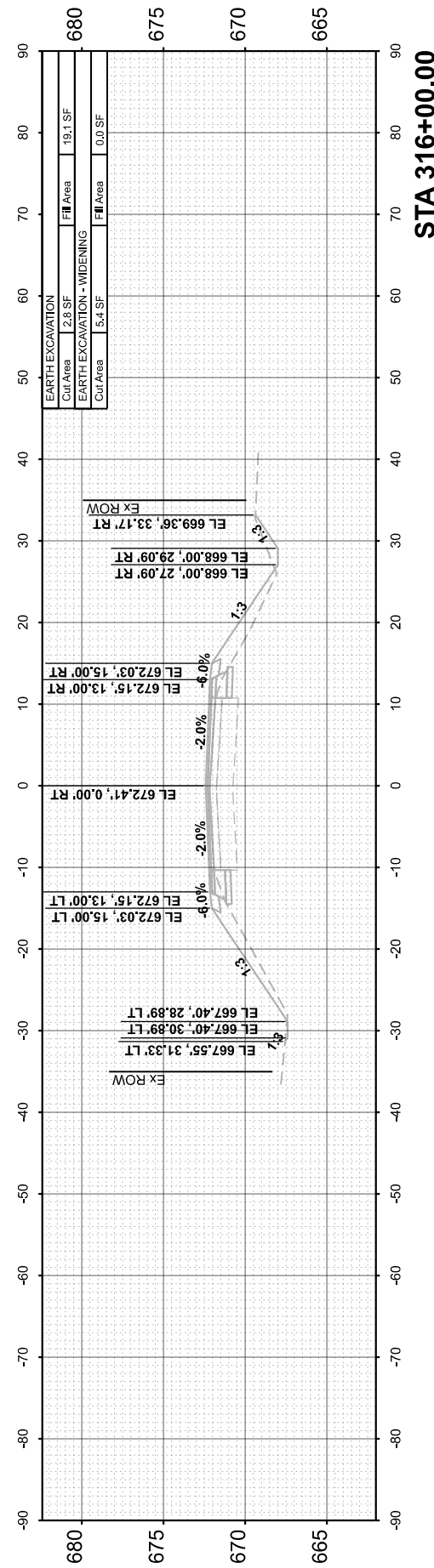
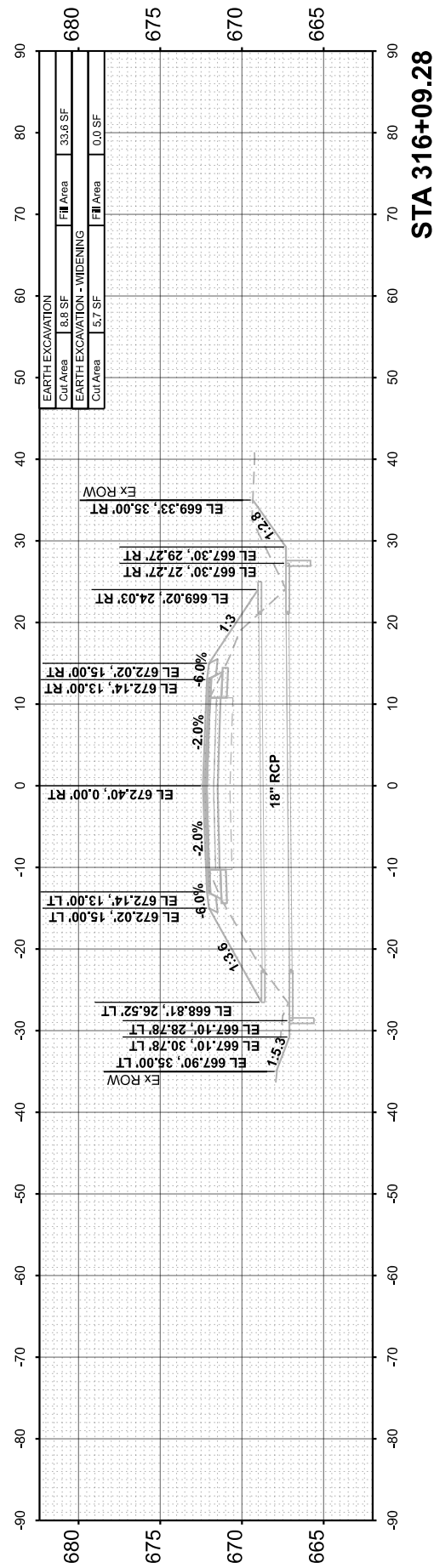
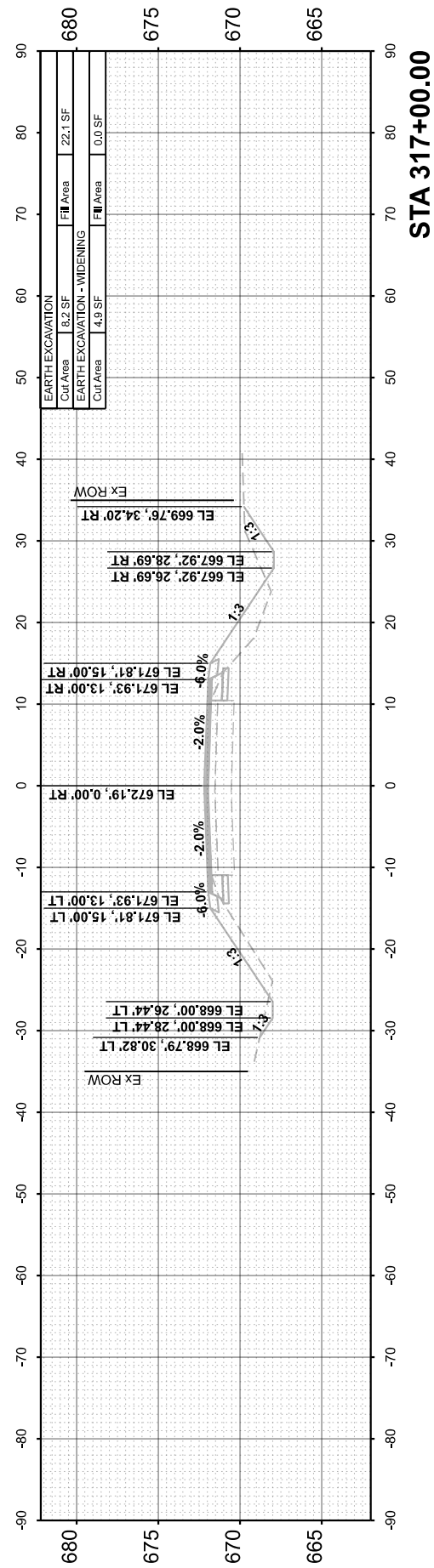
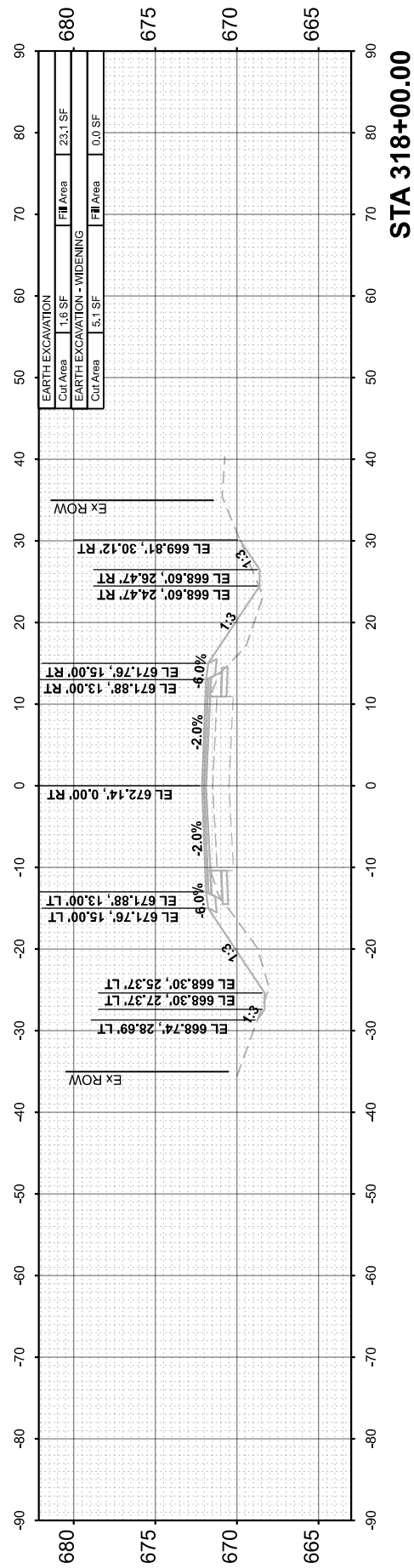
DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-
REVISED	-
REVISED	-
REVISED	-
REVISED	-

**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

**CH 15 (E 22nd RD)
 CROSS SECTIONS**

SCALE: H=10 V=5 SHEET 54 OF 118 SHEETS STA. 315+00.00

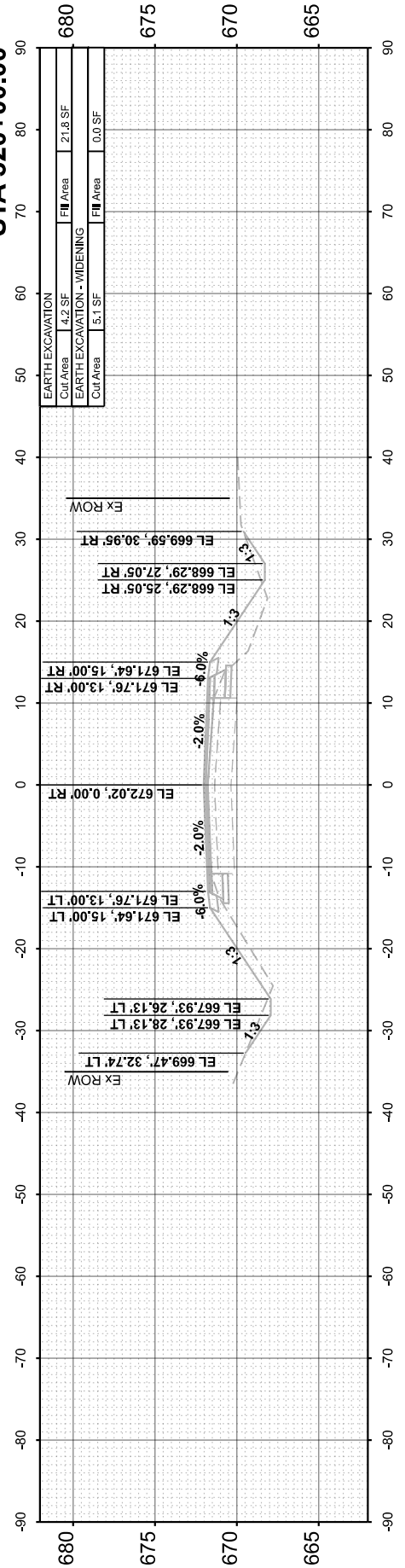
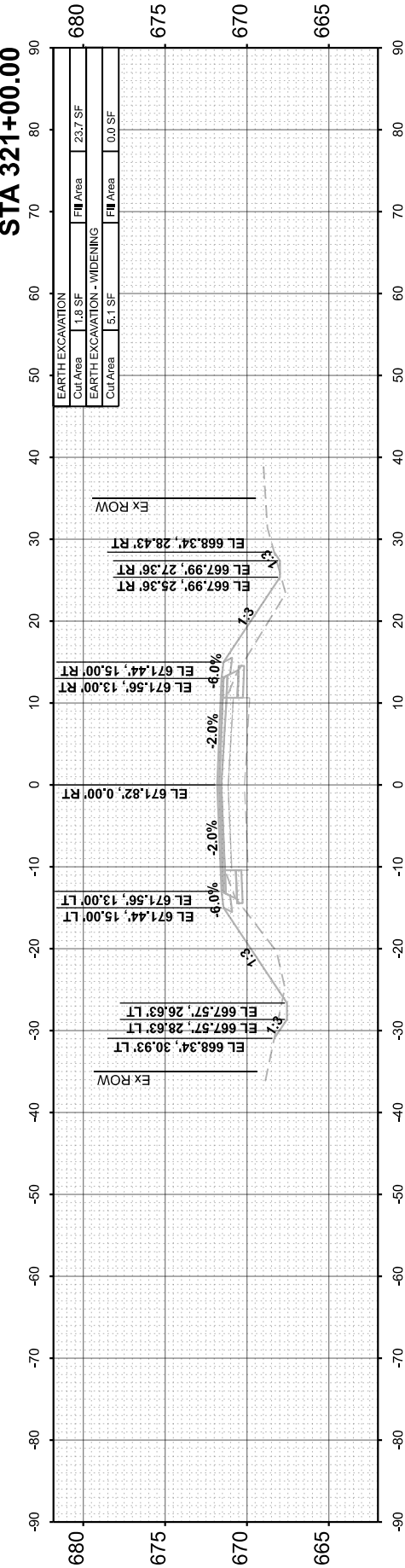
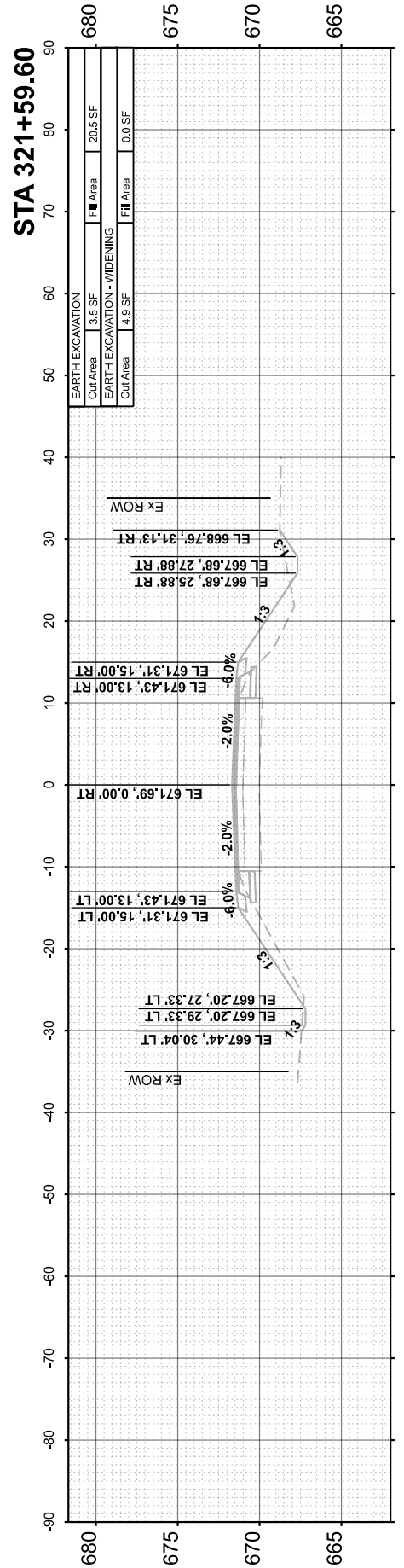
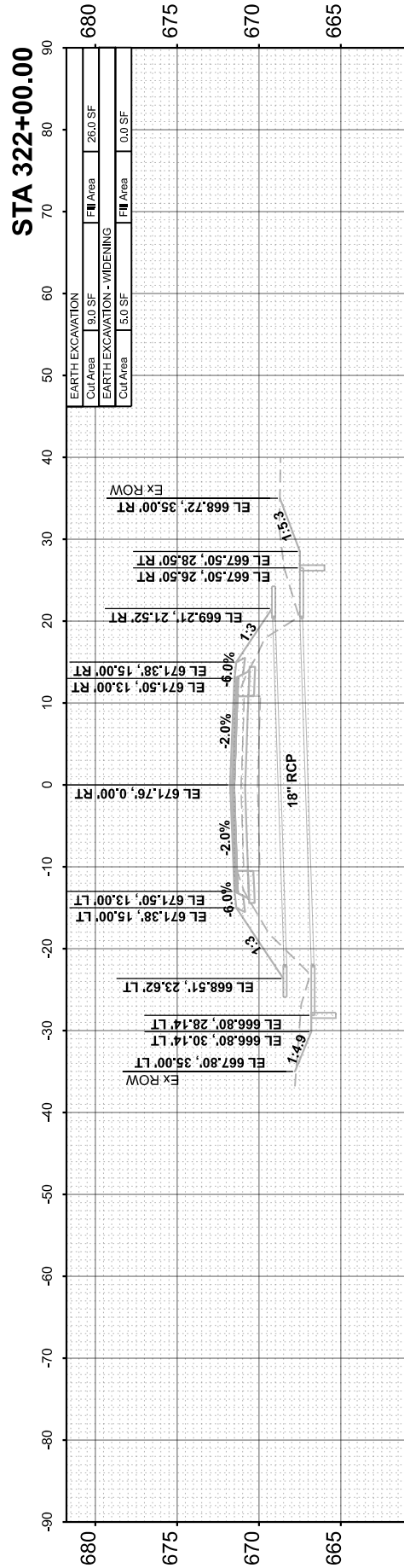
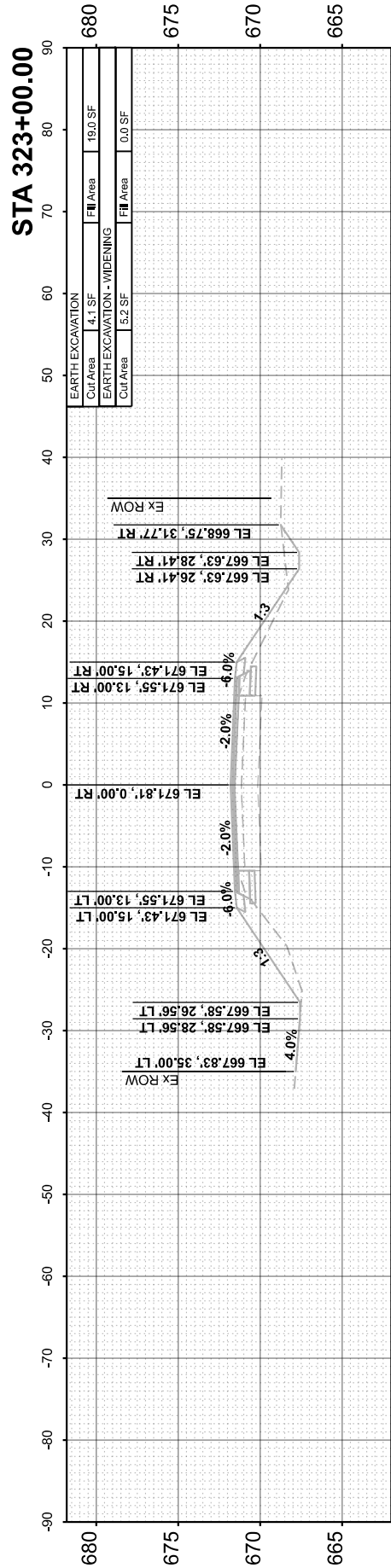
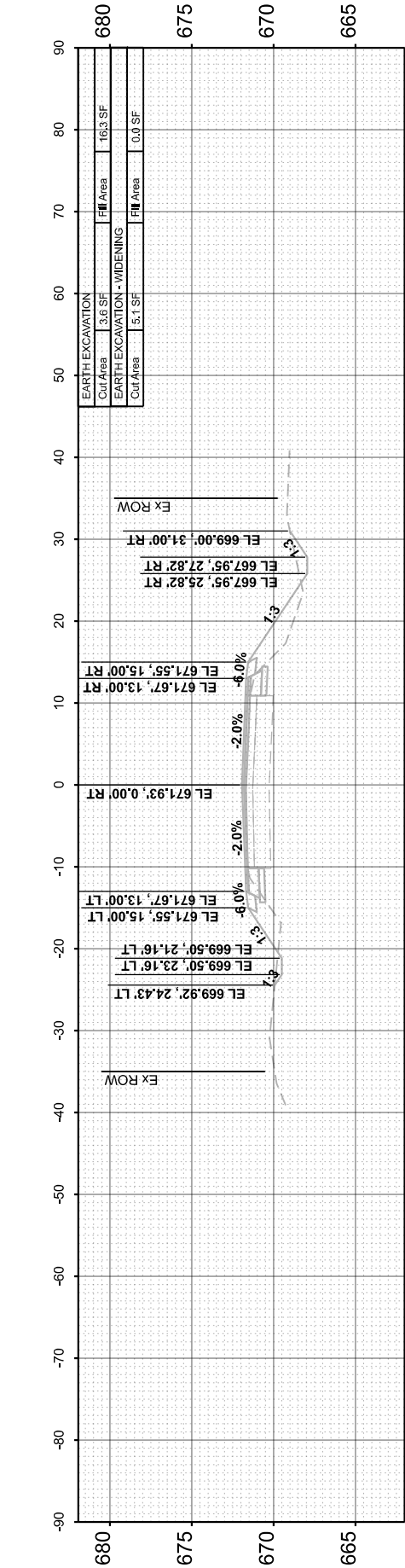
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
288	15-00351-00-WR	LASALLE	236	172
				CONTRACT NO. 87801
ILLINOIS		FED. AID PROJECT		



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

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

MODEL: EX_CH15 - 319+00.00 (Sheet)
 FILE NAME: V35001 - CH15 Design Layout Co/CADD/CADD Sheets/501-319x302-2.dgn



Hutchison Engineering, Inc.
 Jacksonville - Moline - Peoria - Shorewood
 Since 1945

USER NAME	= BDeCrane
DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-
PLOT SCALE	= 0.16666633''/in.
PLOT DATE	= 6/14/2023

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

REVISED	-
REVISED	-
REVISED	-
REVISED	-

**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

SCALE: H=10 V=5	SHEET 55	OF 118 SHEETS	STA. 319+00.00
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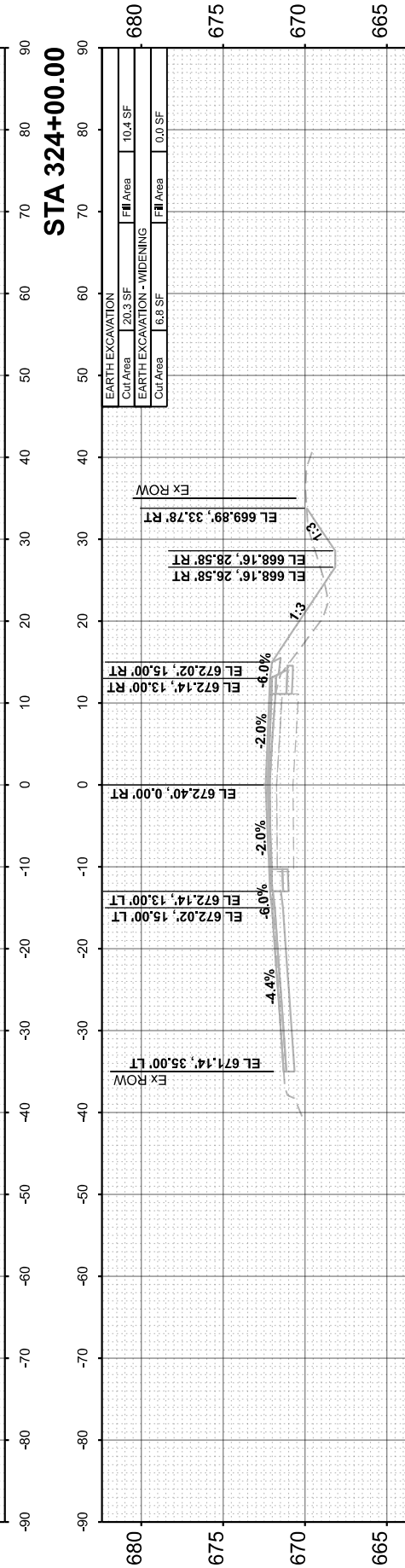
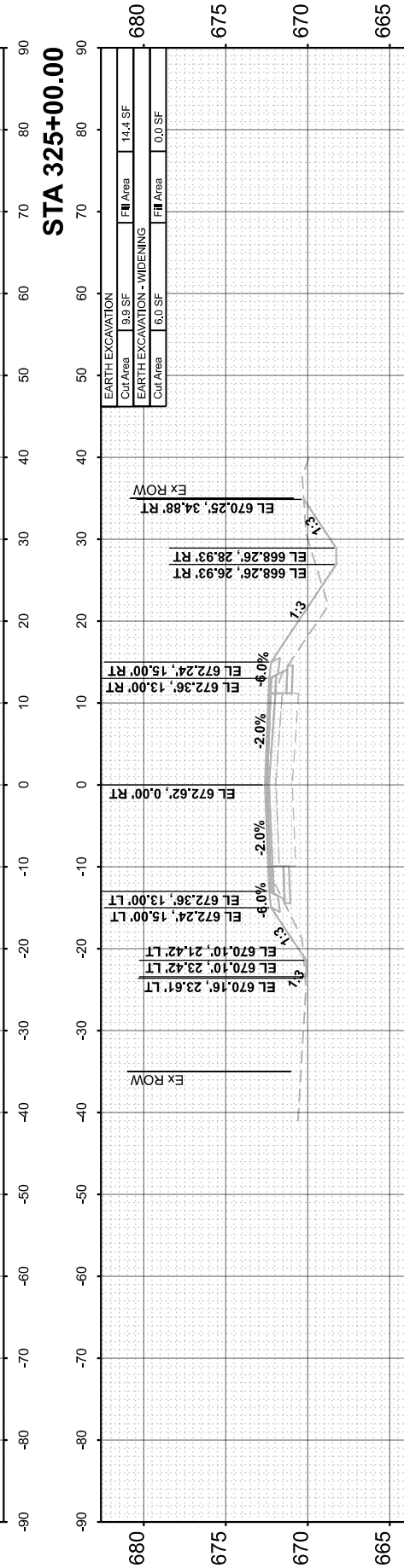
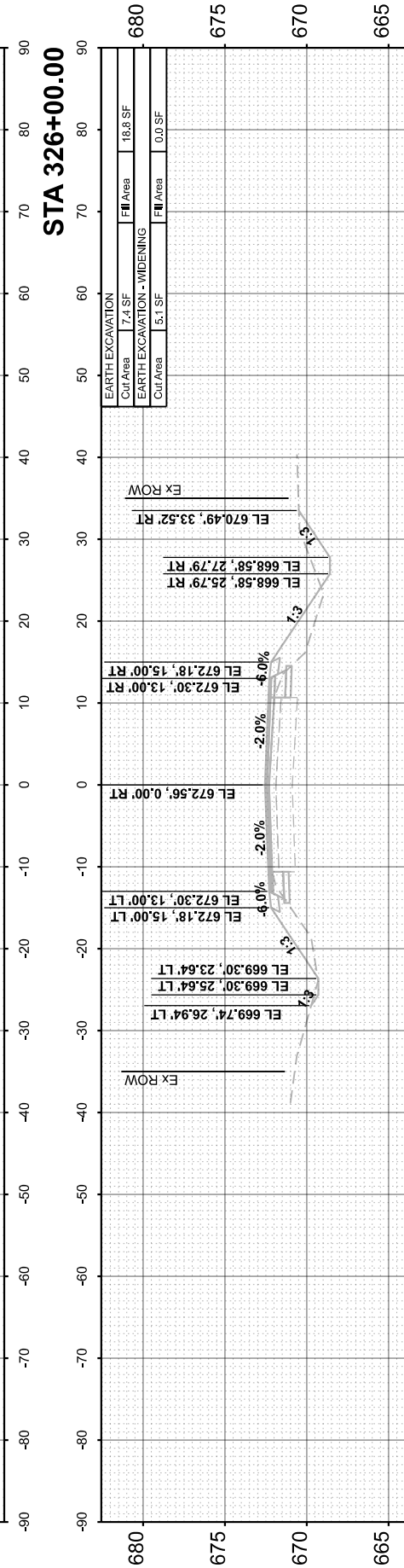
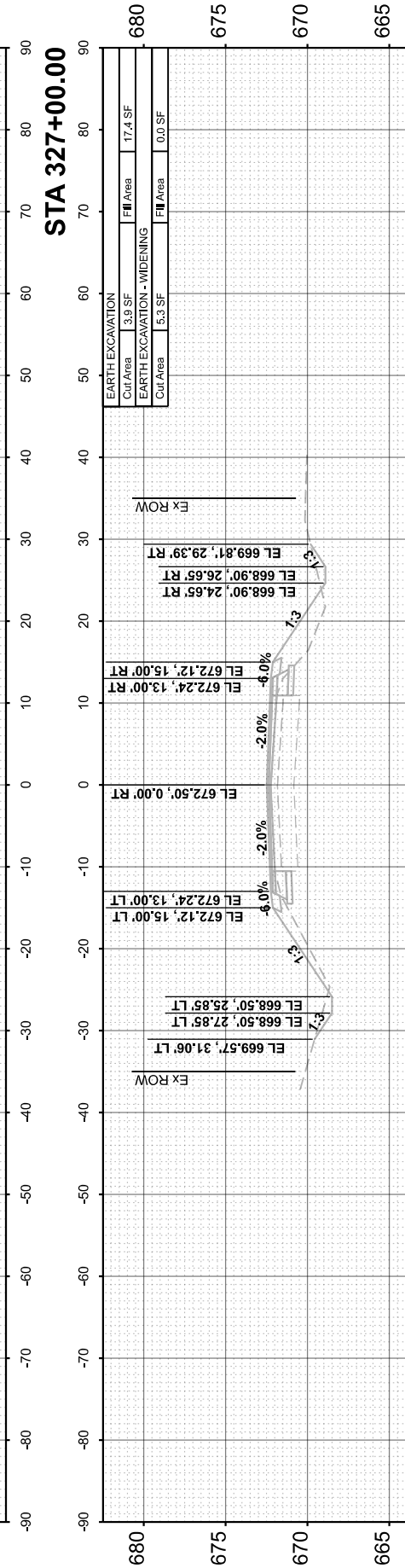
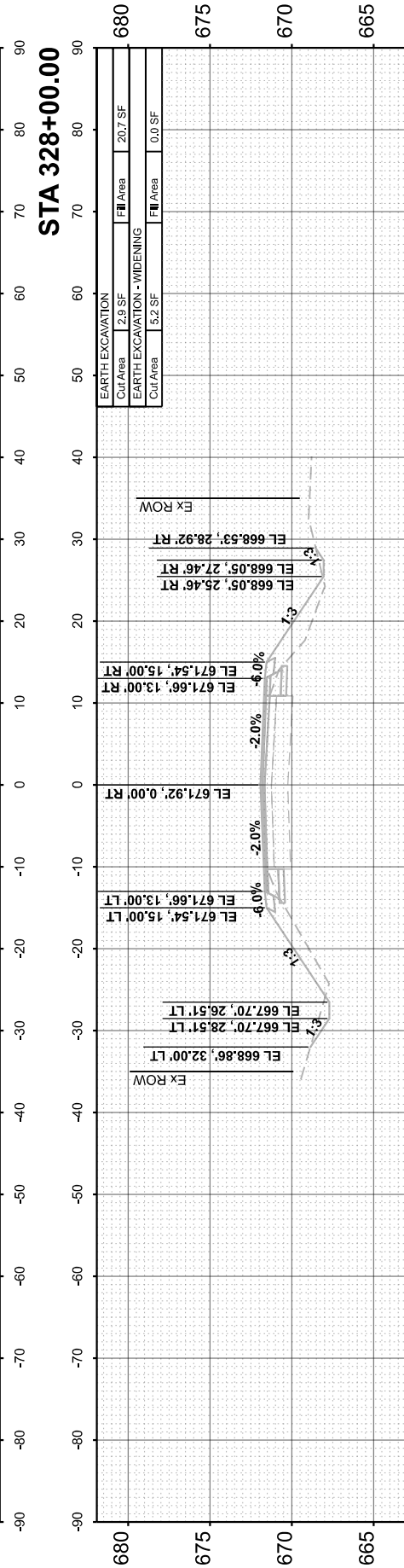
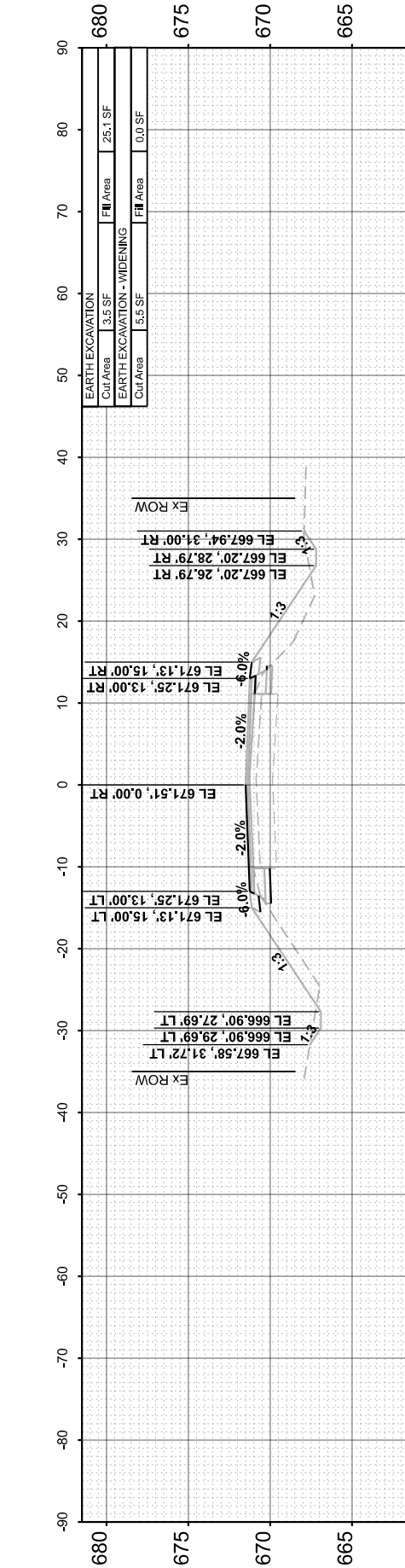
**CH 15 (E 22nd RD)
 CROSS SECTIONS**

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
288	15-00351-00-WR	LASALLE	236	173
				CONTRACT NO. 87801
		ILLINOIS	FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED BY	DATE
PLOTTED		
TEMPLATE		
AREAS CHECKED		

ORIGINAL SURVEY NO.	SURVEYED BY	DATE
NOTE BOOK		
AREAS CHECKED		

MODEL: EX_CH15 - 323+00.00 (Sheet)
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Hutchison Engineering, Inc.
 Jacksonville - Moline - Peoria - Shorewood
 Since 1945

USER NAME	= BDeCrane
DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-
PLOT SCALE	= 0.16666633' / in.
PLOT DATE	= 6/14/2023

DESIGNED	-
REVIS	-
REVIS	-
REVIS	-
REVIS	-

**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

**CH 15 (E 22nd RD)
 CROSS SECTIONS**

SCALE: H=10 V=5 SHEET 56 OF 118 SHEETS STA. 323+67.68

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
288	15-00351-00-WR	LASALLE	236	174
CONTRACT NO. 87801				
ILLINOIS		FED. AID PROJECT		

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

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

MODEL: EX_CH15 - 329+00.00 (Sheet)
 FILE NAME: V35001 - CH15 Design Layout Co/CADD/CADD Sheets/501-arcas-cs-3.dgn

Hutchinson Engineering, Inc.
 Jacksonville - Moline - Peoria - Shorewood
 Since 1945

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DRAWN	-
CHECKED	-
DATE	-
PLOT SCALE	= 0.16666633" / in.
PLOT DATE	= 6/14/2023

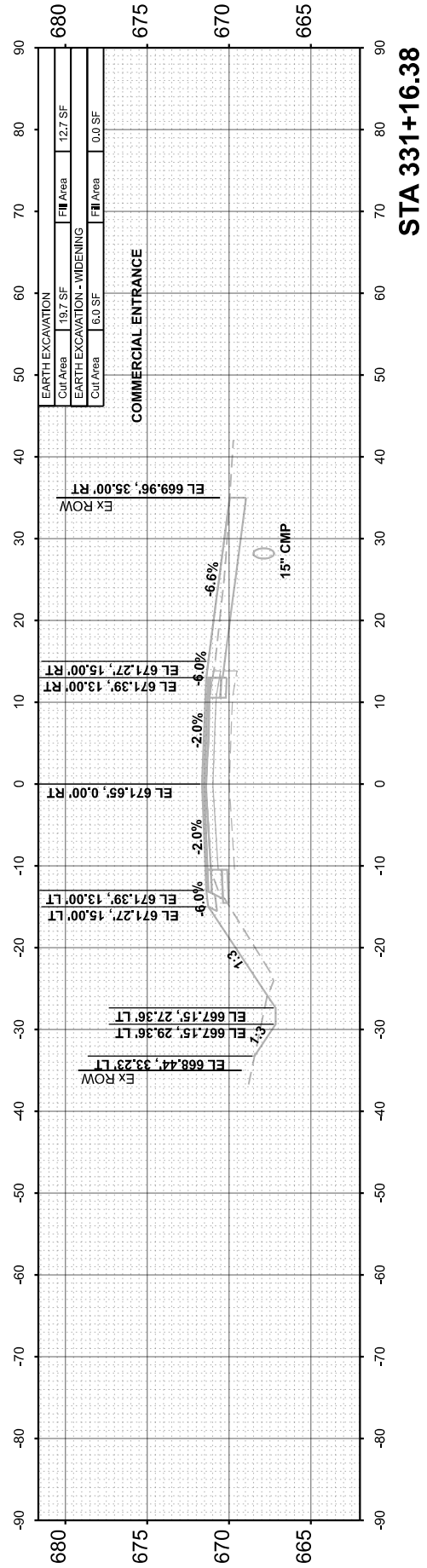
DESIGNED	-
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REVISD	-

**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

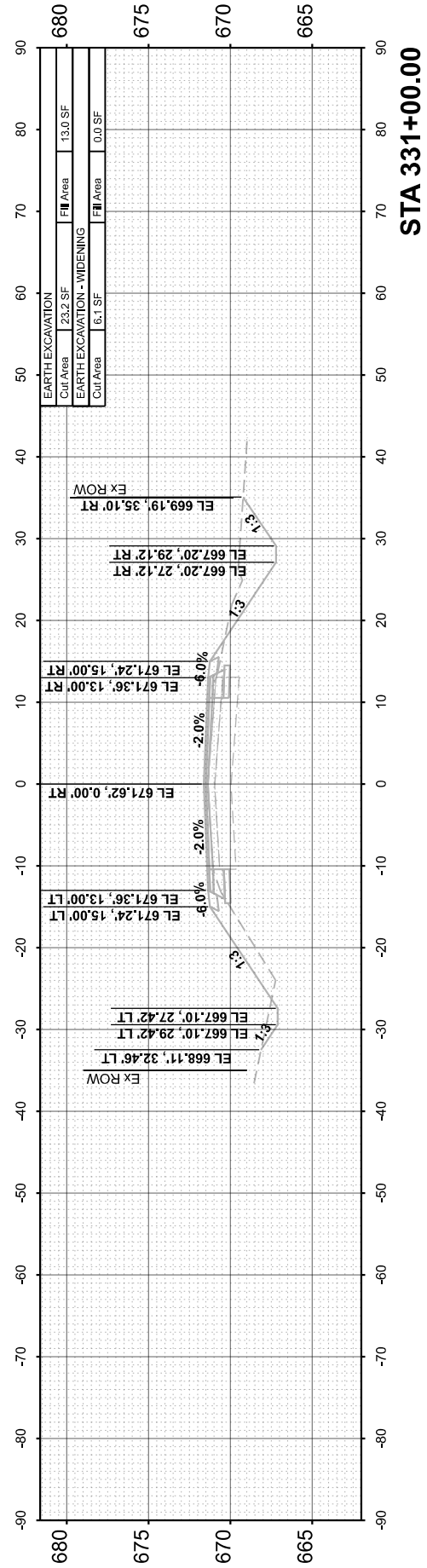
**CH 15 (E 22nd RD)
 CROSS SECTIONS**

SCALE: H=10 V=5 SHEET 57 OF 118 SHEETS STA. 329+00.00

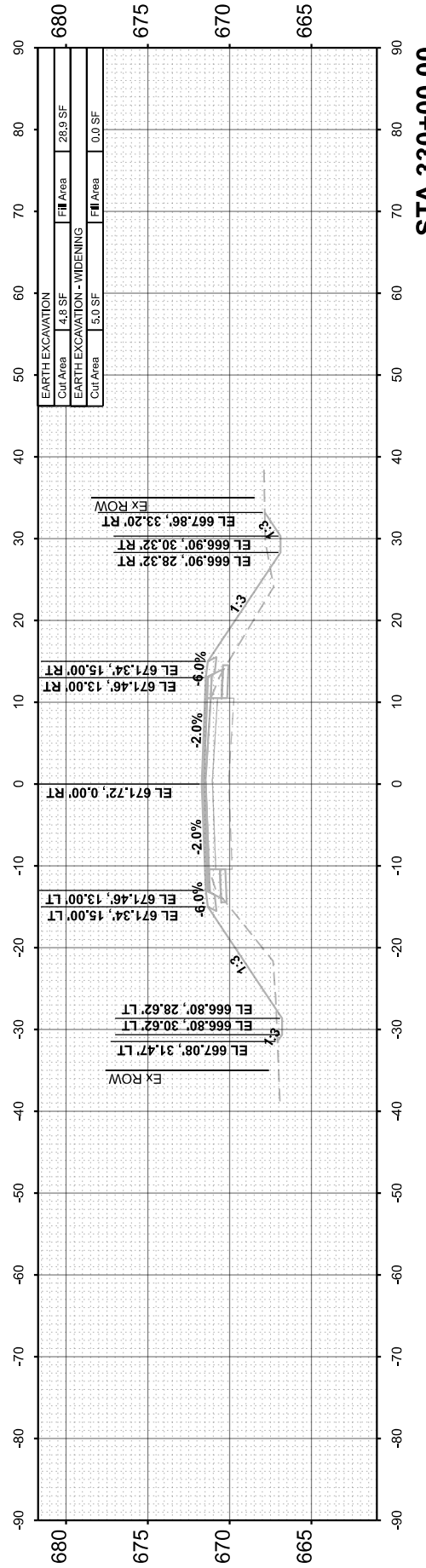
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
288	15-00351-00-WR	LASALLE	236	175
				CONTRACT NO. 87801
		ILLINOIS	FED. AID PROJECT	



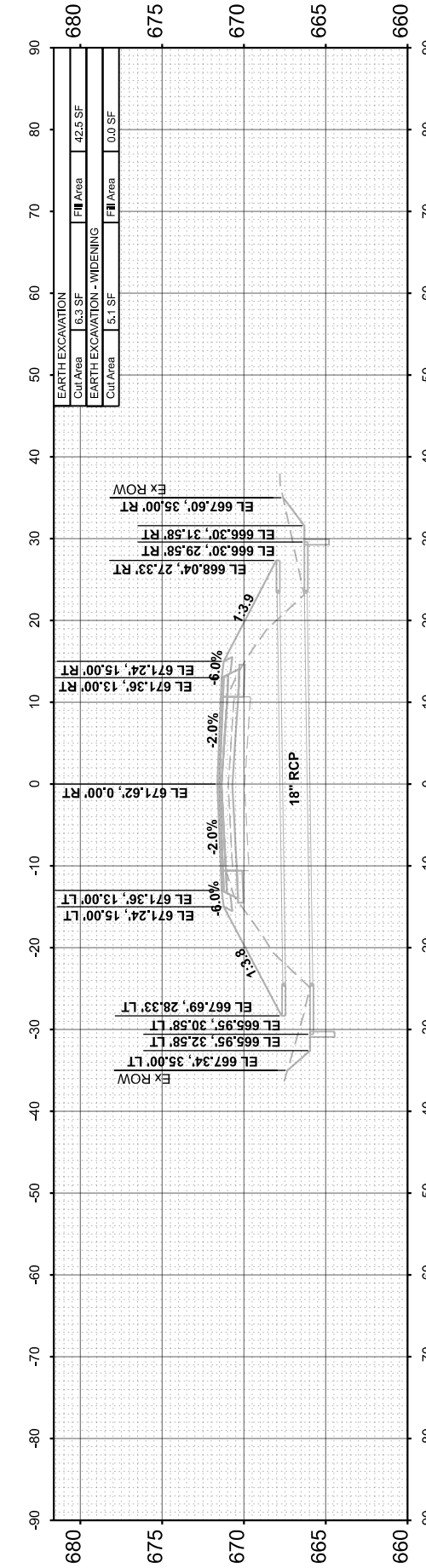
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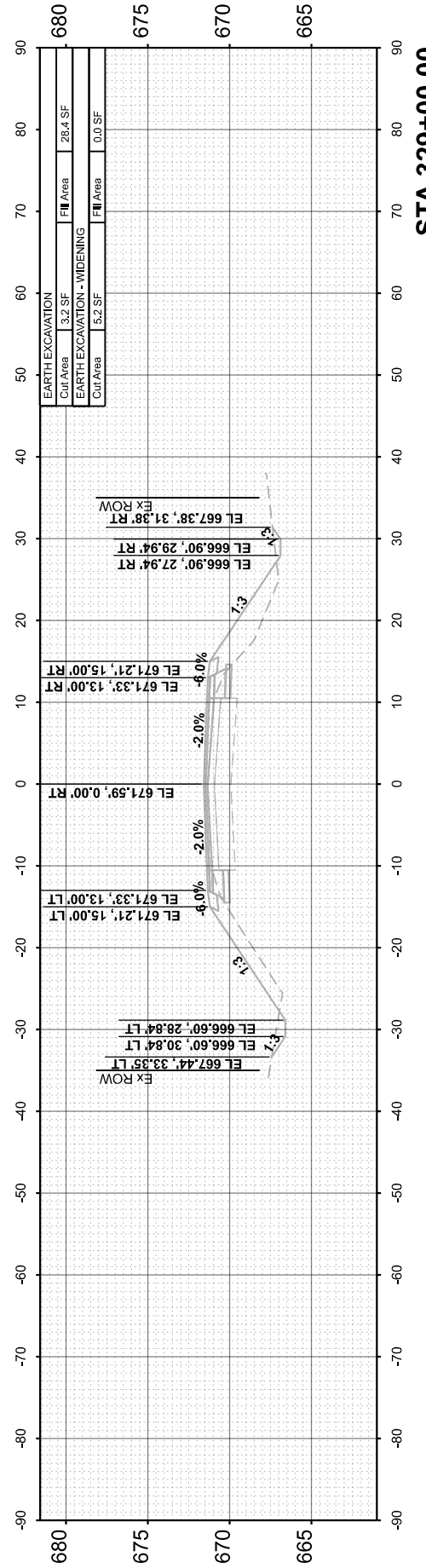
STA 331+00.00



STA 330+00.00



STA 329+15.80



STA 329+00.00

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

MODEL: EX_CH15 - 332+00.00 (Sheet)
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Hutchison Engineering, Inc.
 Jacksonville - Moline - Peoria - Shorewood
 Since 1945

USER NAME	= BDcraene
DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-
PLOT SCALE	= 0.16666633'' in.
PLOT DATE	= 6/14/2023

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

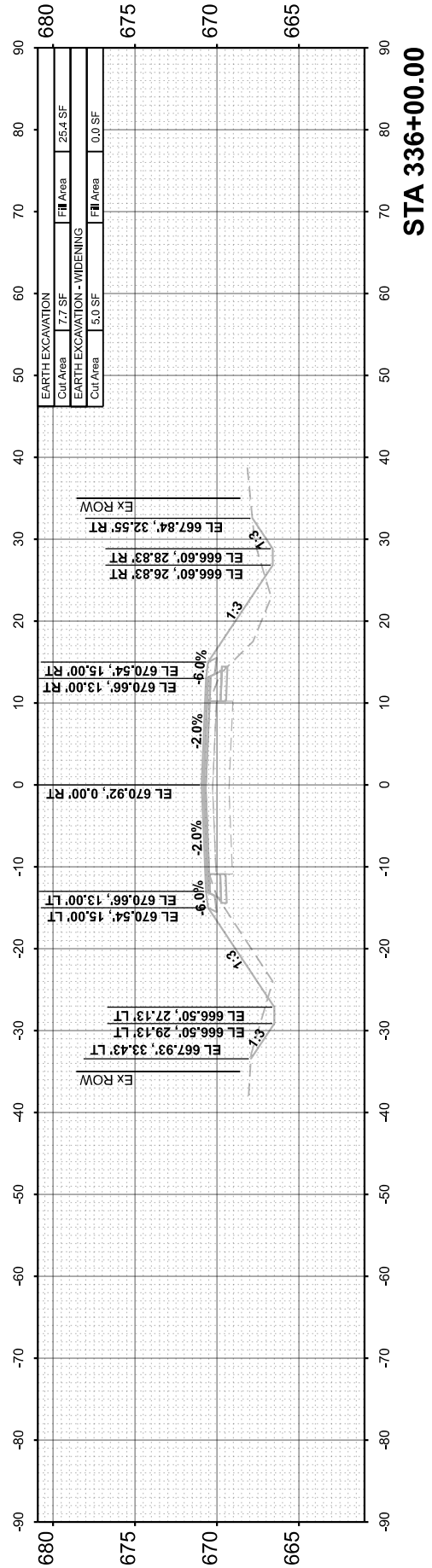
REVISED	-
REVISED	-
REVISED	-
REVISED	-

**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

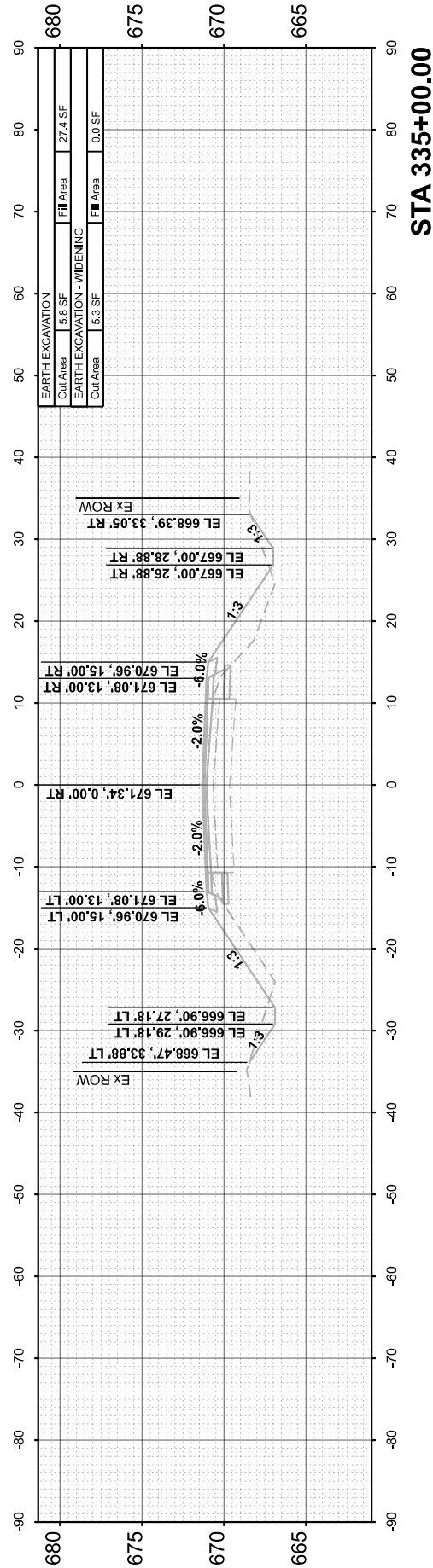
**CH 15 (E 22nd RD)
 CROSS SECTIONS**

SCALE: H=10 V=5 SHEET 58 OF 118 SHEETS STA. 332+00.00

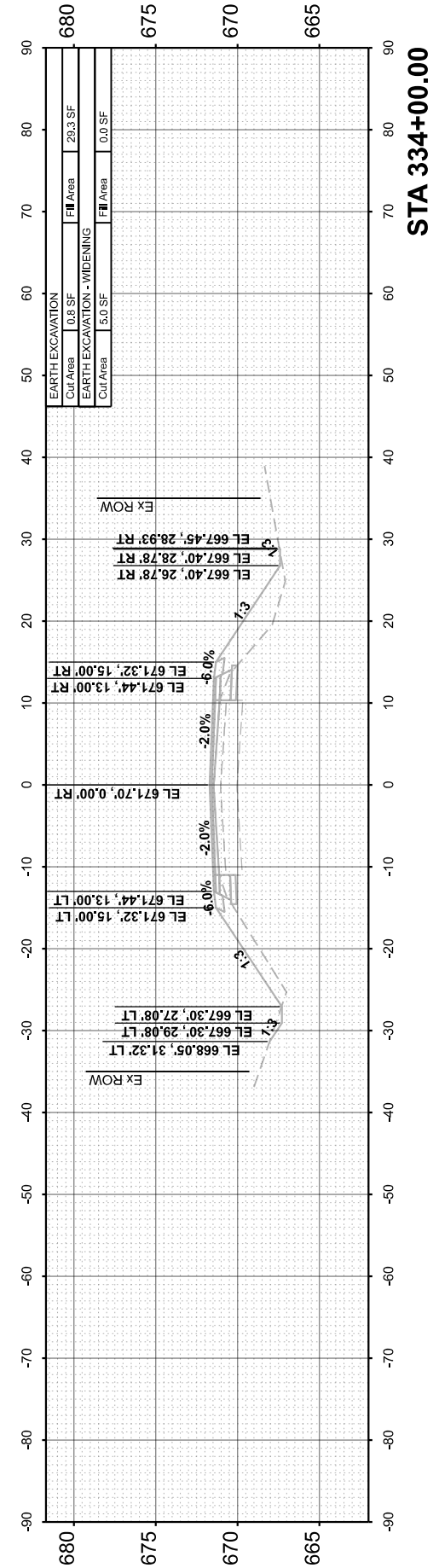
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
288	15-00351-00-WR	LASALLE	236	176
				CONTRACT NO. 87801
		ILLINOIS	FED. AID PROJECT	



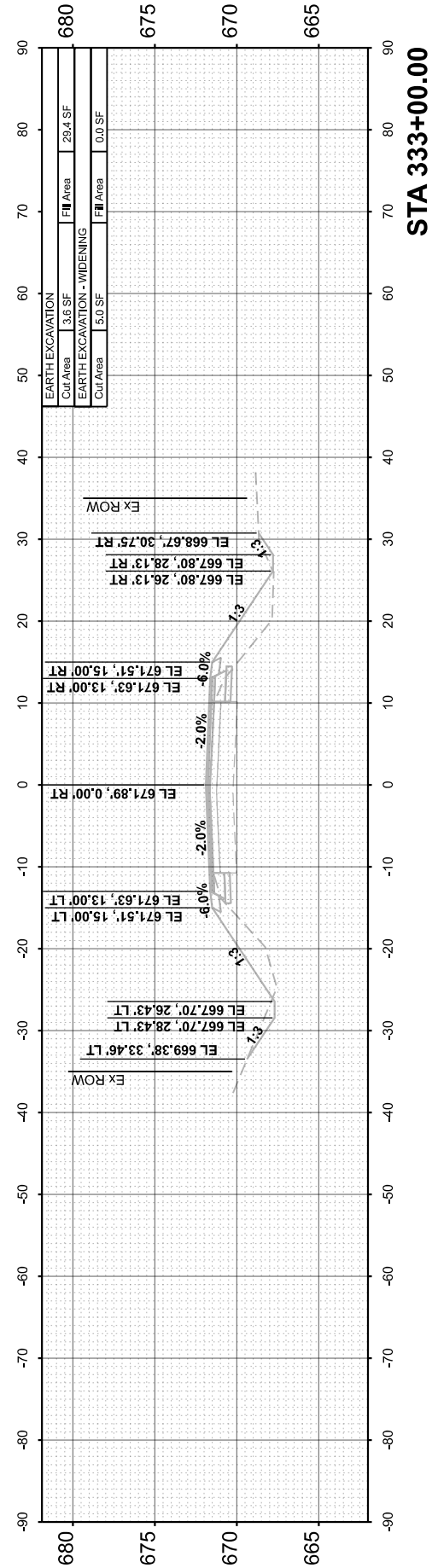
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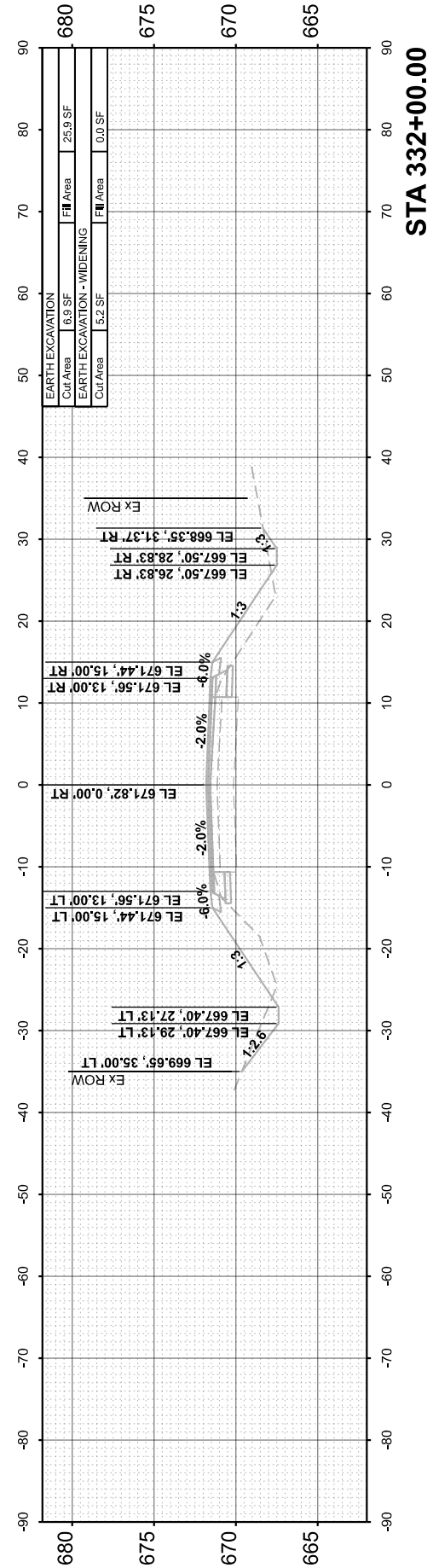
STA 335+00.00



STA 334+00.00



STA 333+00.00



STA 332+00.00

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

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

MODEL: EX_CH15 - 337+00.00 (Sheet)
 FILE NAME: V35001 - CH15 Design Layout Co/CADD/CADD Sheets/500 - str/csc/cor-3.dgn

Hutchison Engineering, Inc.
 Jacksonville - Moline - Peoria - Shorewood
 Since 1945

USER NAME	= BDeCraene
DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-
PLOT SCALE	= 0.16666633 ' / in.
PLOT DATE	= 6/14/2023

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

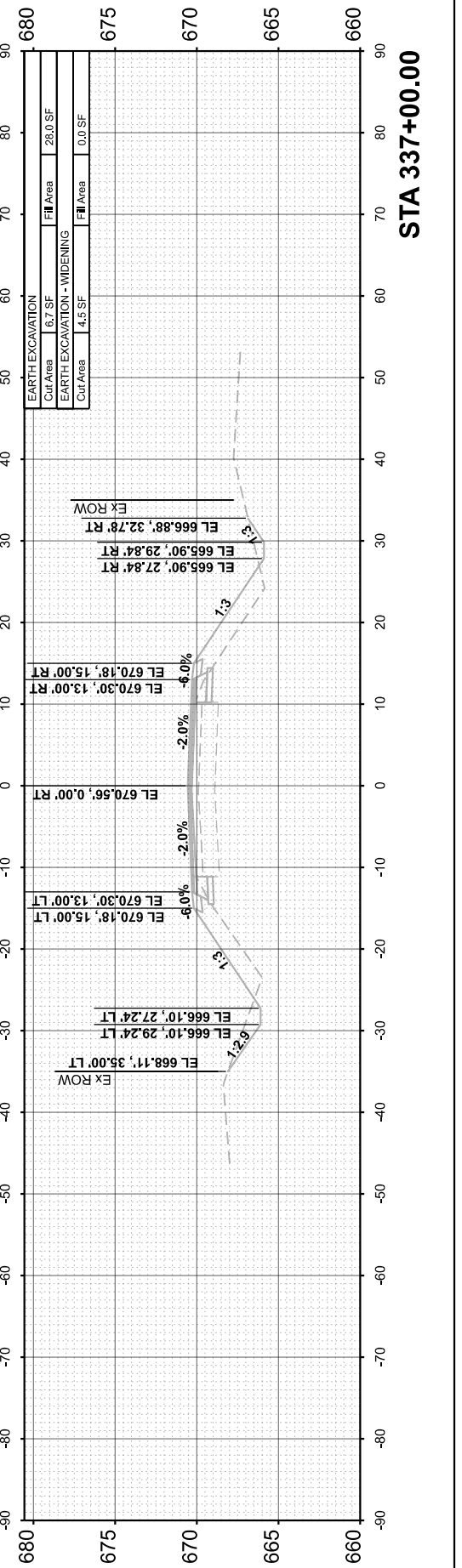
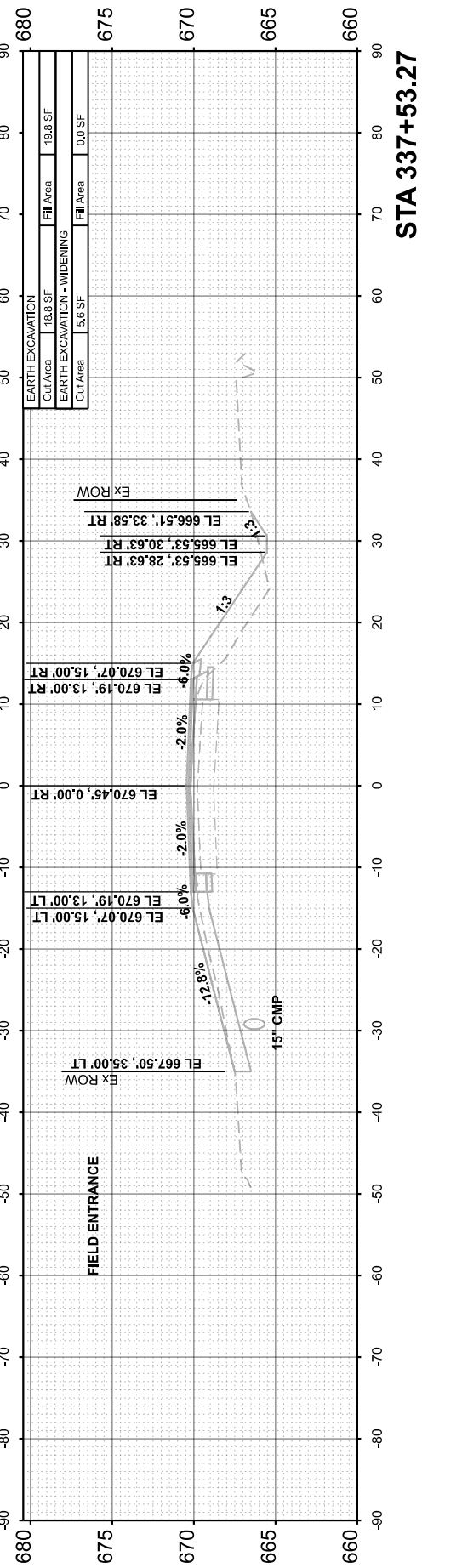
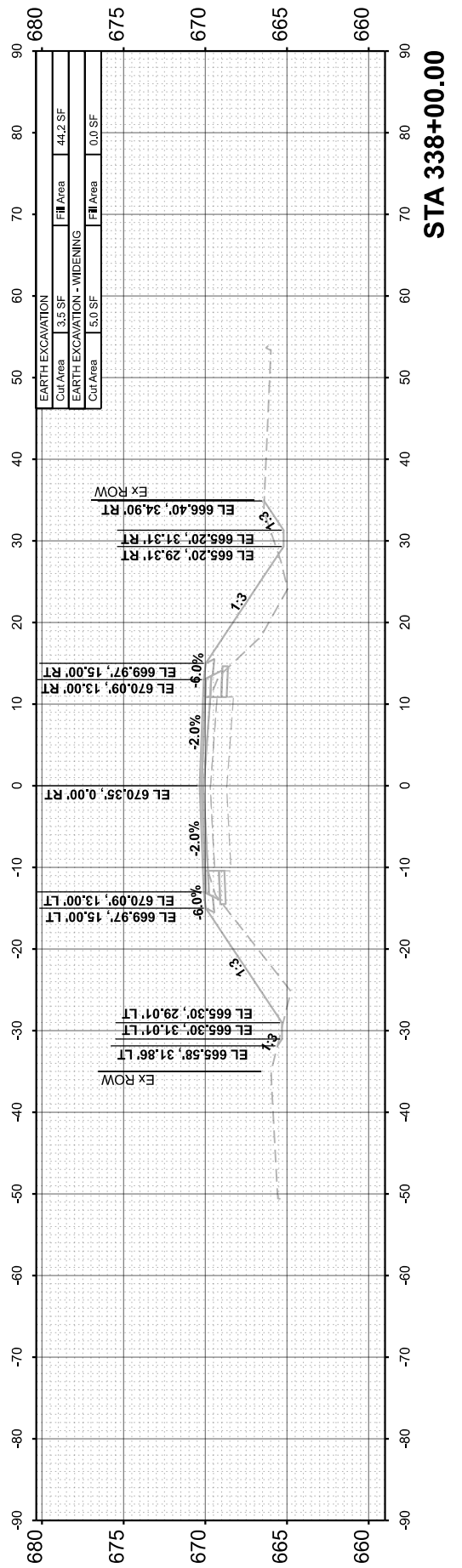
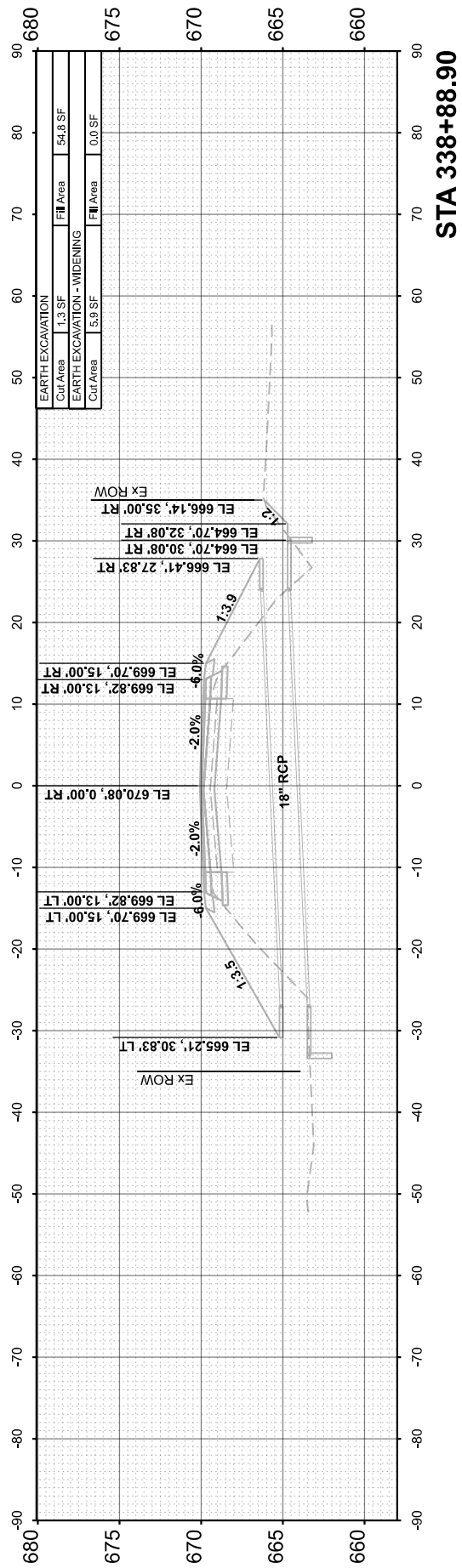
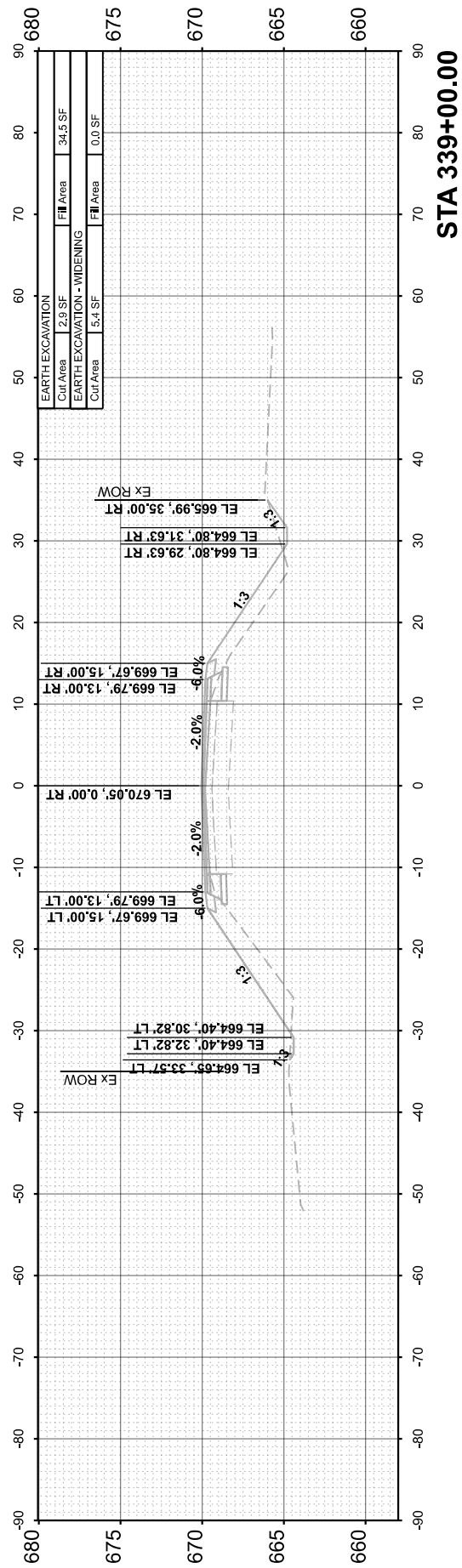
REVISED	-
REVISED	-
REVISED	-
REVISED	-

**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

**CH 15 (E 22nd RD)
 CROSS SECTIONS**

SCALE: H=10 V=5 SHEET 59 OF 118 SHEETS STA. 337+00.00

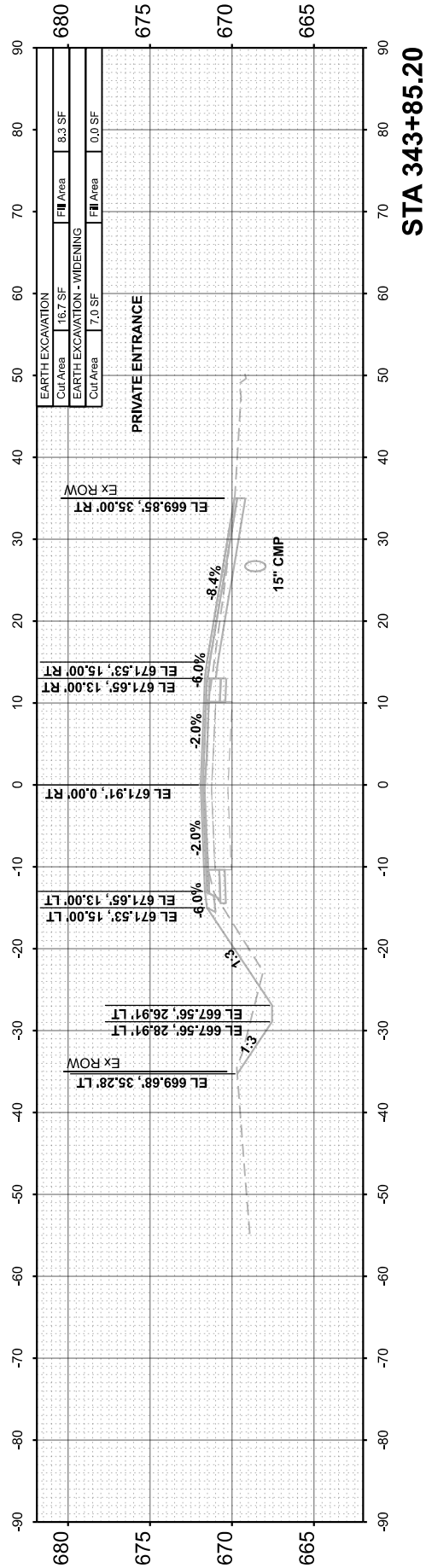
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
288	15-00351-00-WR	LASALLE	236	177
CONTRACT NO. 87801				
ILLINOIS FED. AID PROJECT				



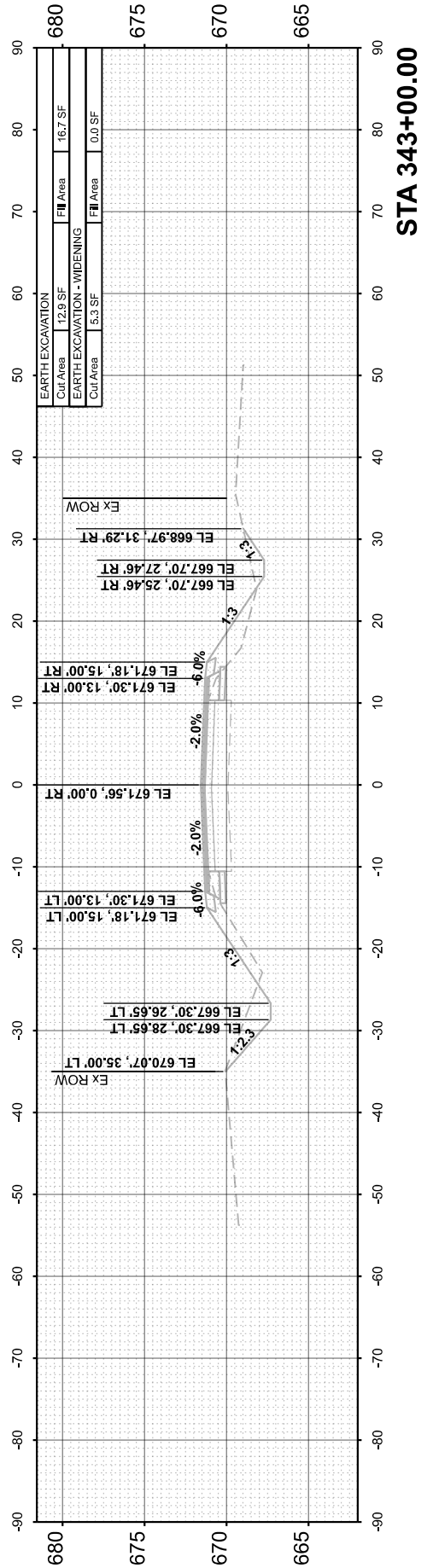
FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		
	AREAS CHECKED		

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

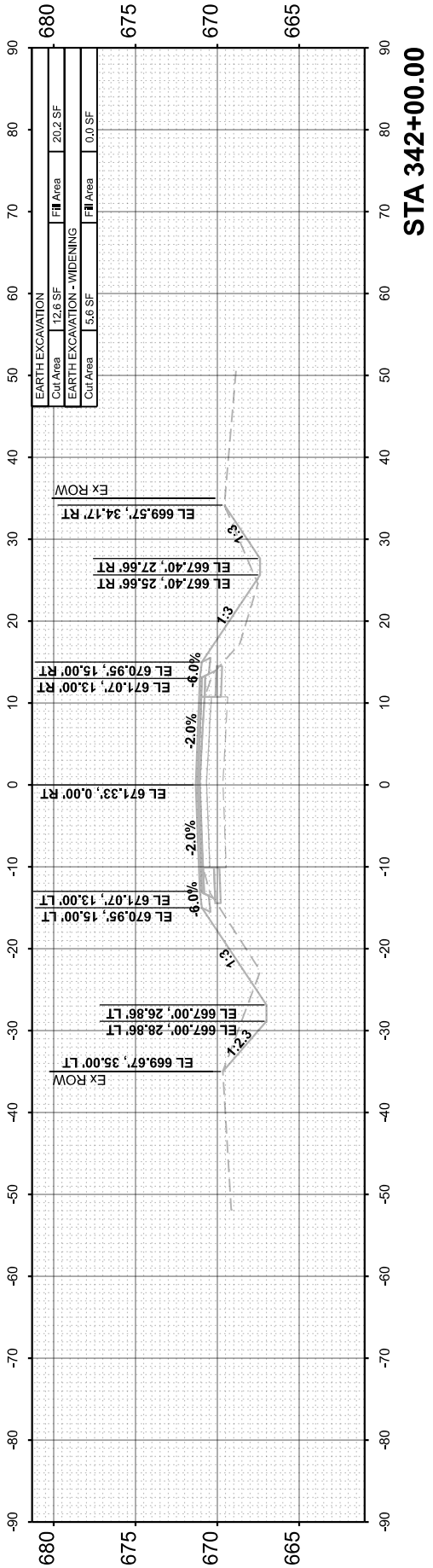
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 FILE NAME: V35001 - CH15 Design.Lasalle Co.CADD\CADD Sheets\5001-340x200-35gn



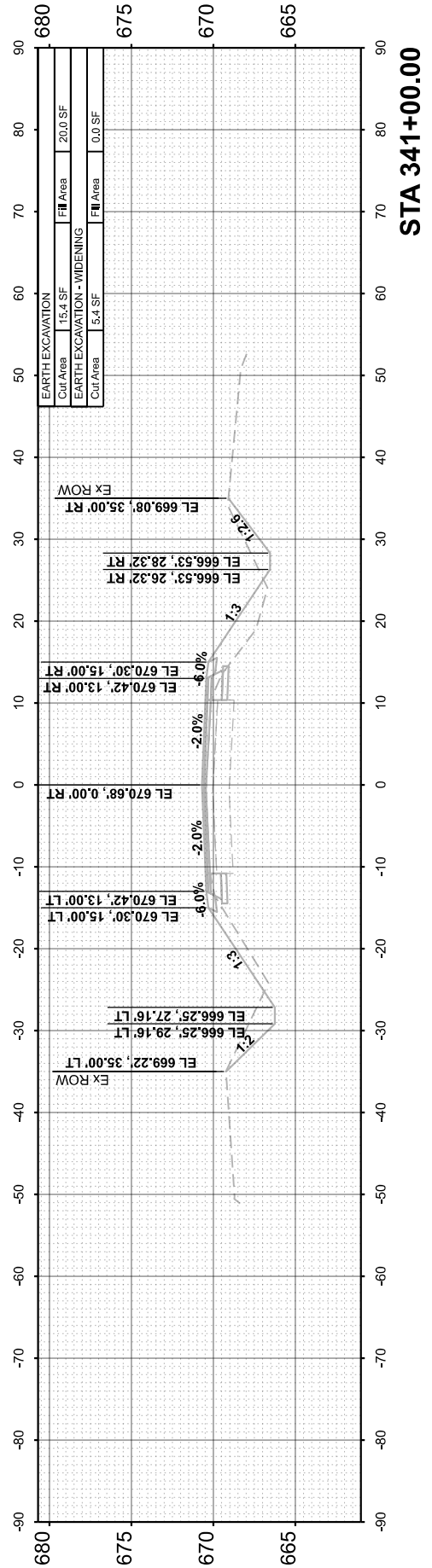
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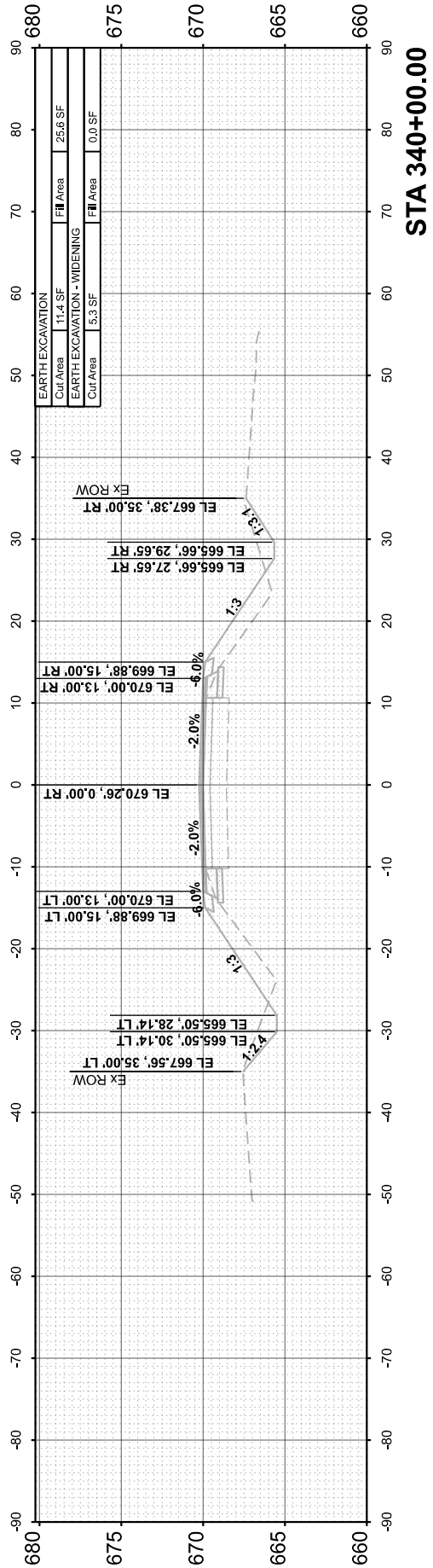
STA 343+00.00



STA 342+00.00



STA 341+00.00



STA 340+00.00

Hutchison Engineering, Inc.
 Jacksonville - Moline - Peoria - Shorewood
 Since 1945

USER NAME = BDeCrane	DESIGNED -	REVISED -
PLOT SCALE = 0.16666633'' in.	DRAWN -	REVISED -
PLOT DATE = 6/14/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

**CH 15 (E 22nd RD)
 CROSS SECTIONS**

SCALE: H=10 V=5 SHEET 60 OF 118 SHEETS STA. 340+00.00

F.A.S. RTE. 288	SECTION 15-00351-00-WR	COUNTY LASALLE	TOTAL SHEETS 236	SHEET NO. 178
CONTRACT NO. 87801				
ILLINOIS FED. AID PROJECT				

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

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

MODEL: EX_CH15 - 344+00.00 [Sheet]
 FILE NAME: V35001 - CH15 Design - Lasalle Co.CADD\CADD Sheets\501 - strcsc-cs-3.dgn

Hutchison Engineering, Inc.
 Jacksonville - Moline - Peoria - Shorewood
 Since 1945

USER NAME	= BDcraene
DESIGNED	-
DRAWN	-
PLOT SCALE	= 0.16666633'' in.
CHECKED	-
DATE	= 6/14/2023

DESIGNED	-
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DATE	-

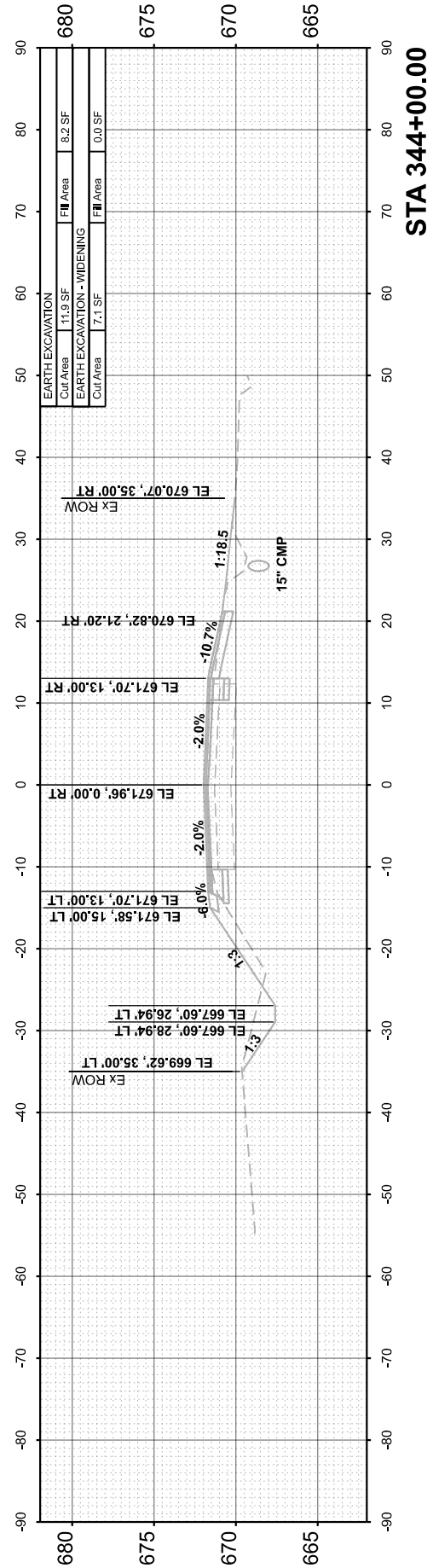
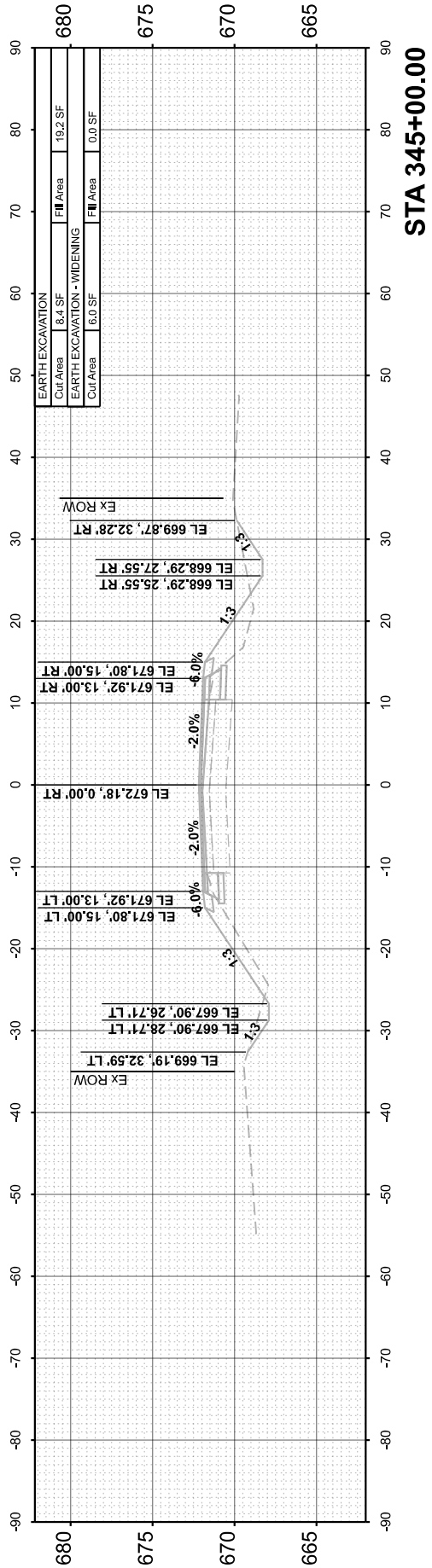
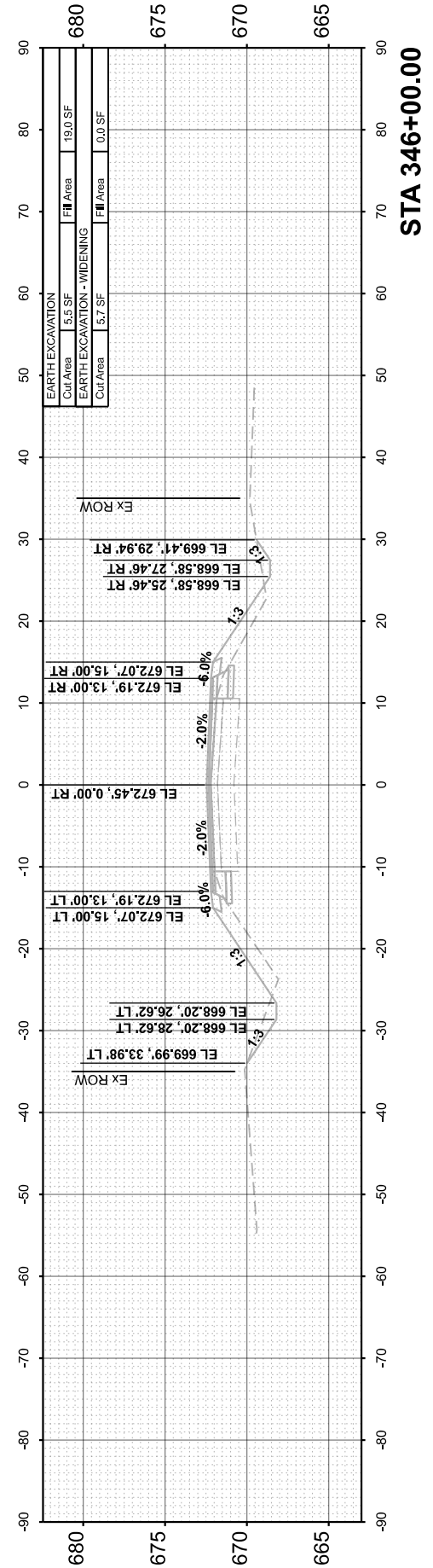
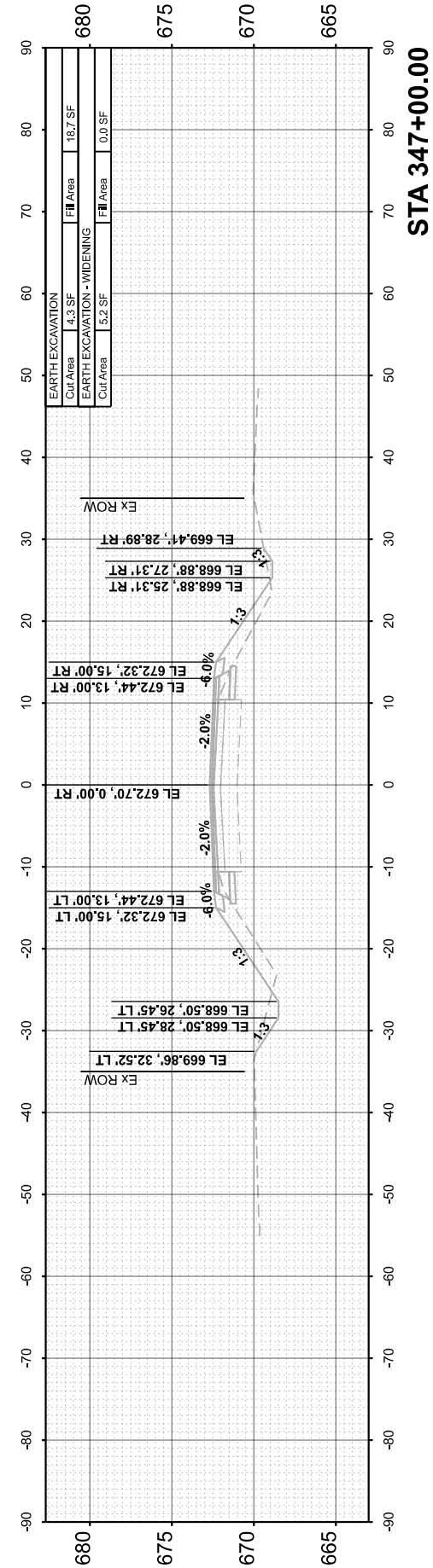
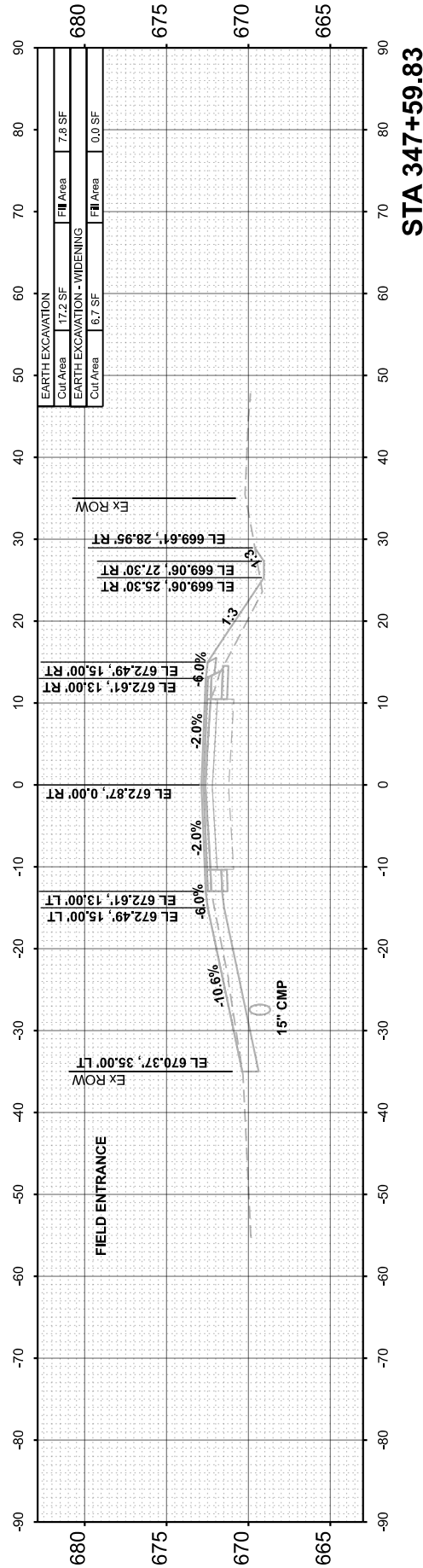
REVISED	-
REVISED	-
REVISED	-
REVISED	-

**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

**CH 15 (E 22nd RD)
 CROSS SECTIONS**

SCALE: H=10 V=5 SHEET 61 OF 118 SHEETS STA. 344+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
288	15-00351-00-WR	LASALLE	236	179
				CONTRACT NO. 87801
ILLINOIS		FED. AID PROJECT		



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

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

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Hutchison Engineering, Inc.
 Jacksonville - Moline - Peoria - Shorewood
 Since 1945

USER NAME	= BDeCrane
DESIGNED	-
DRAWN	-
CHECKED	-
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PLOT DATE	= 6/14/2023

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CHECKED	-
DATE	-

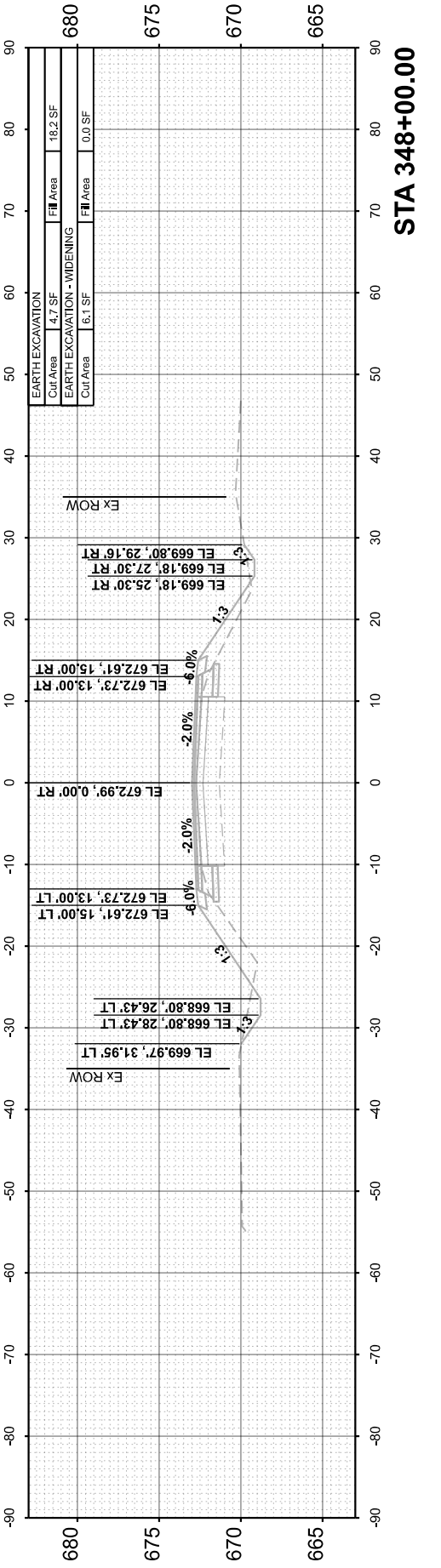
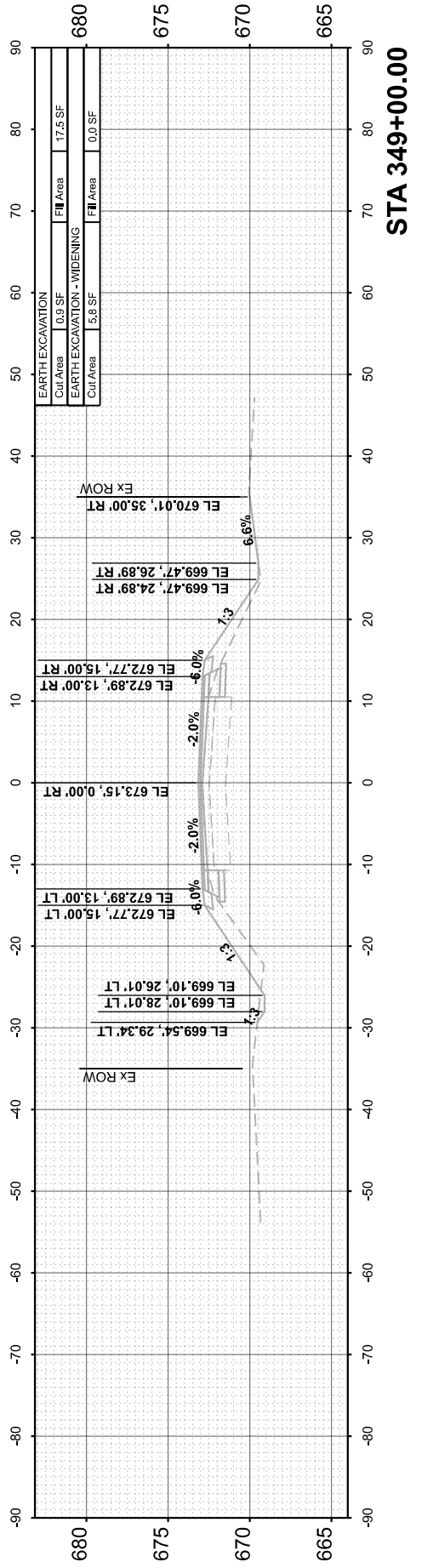
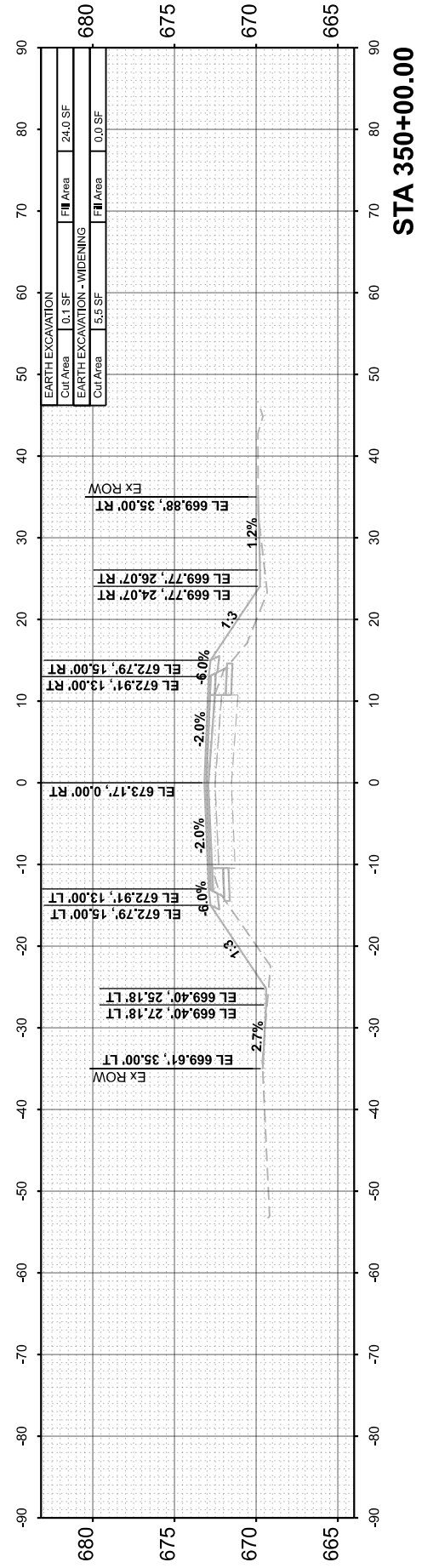
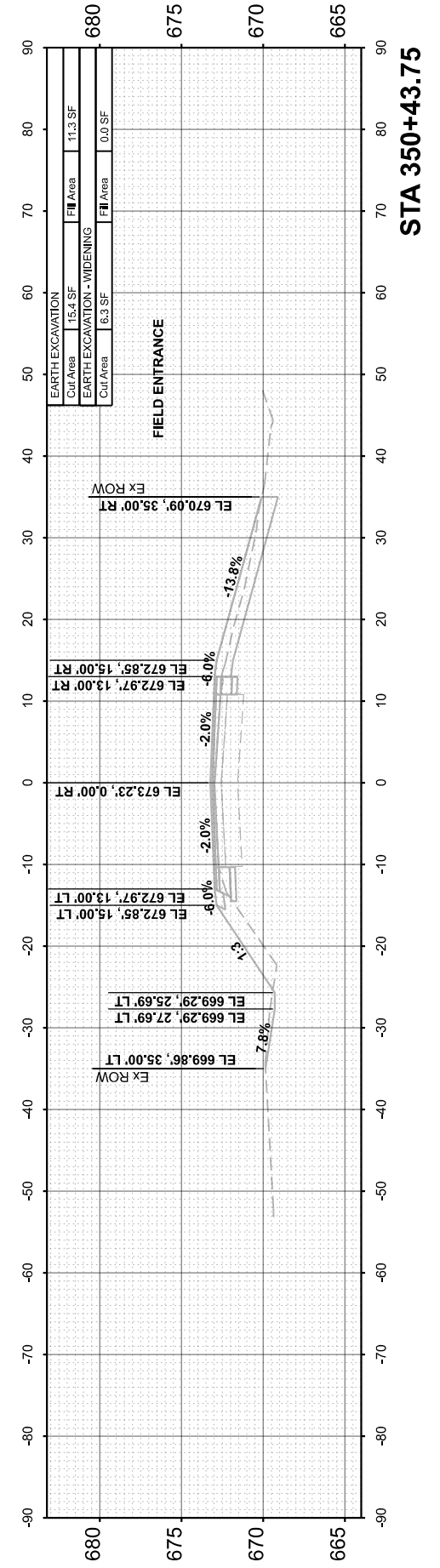
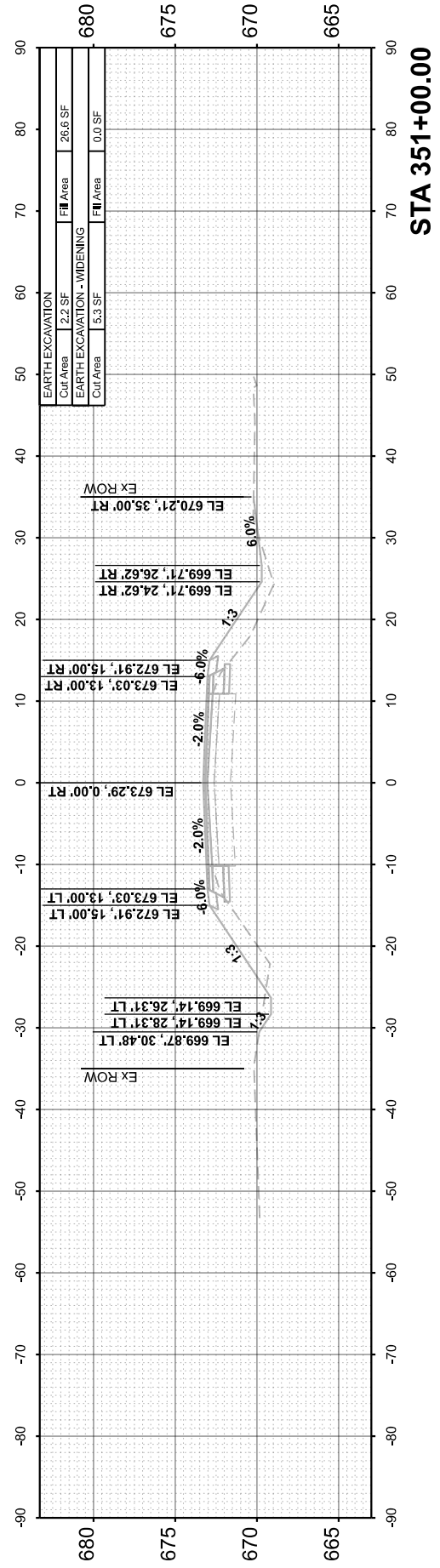
REVISED	-
REVISED	-
REVISED	-
REVISED	-

**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

**CH 15 (E 22nd RD)
 CROSS SECTIONS**

SCALE: H=10 V=5 SHEET 62 OF 118 SHEETS STA. 348+00.00

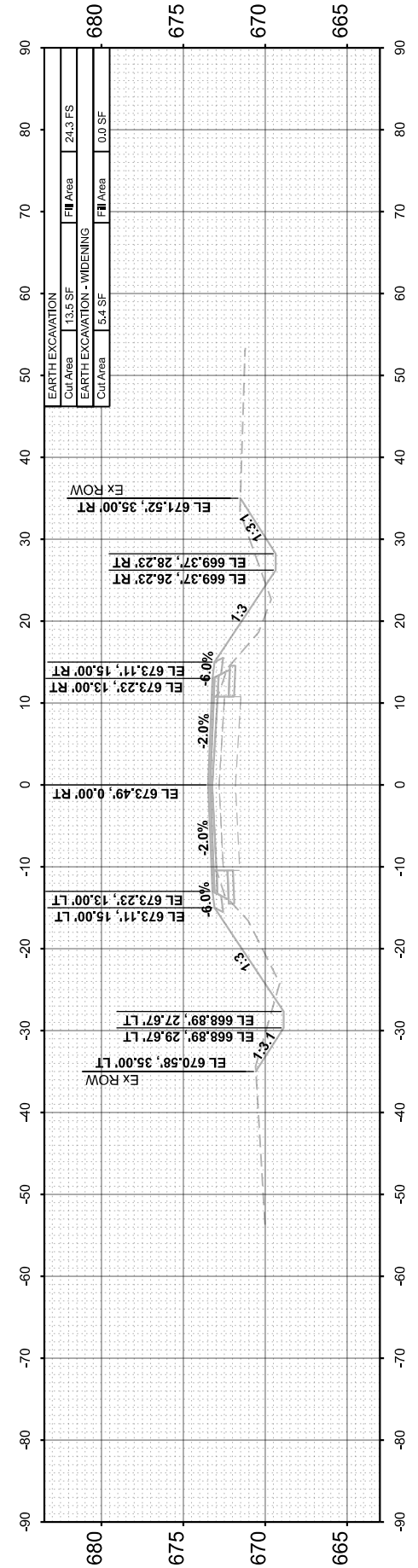
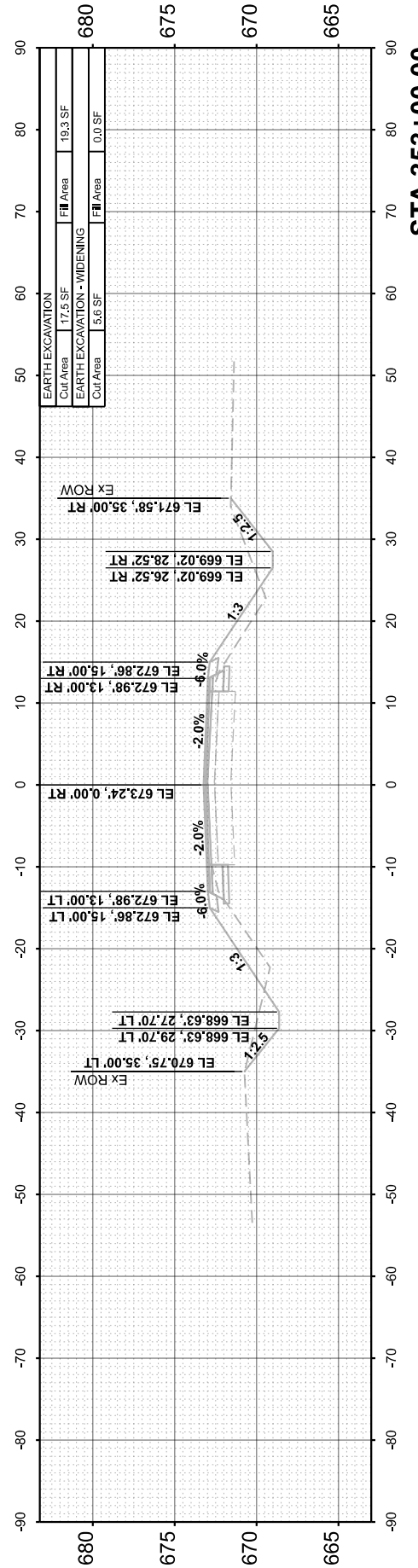
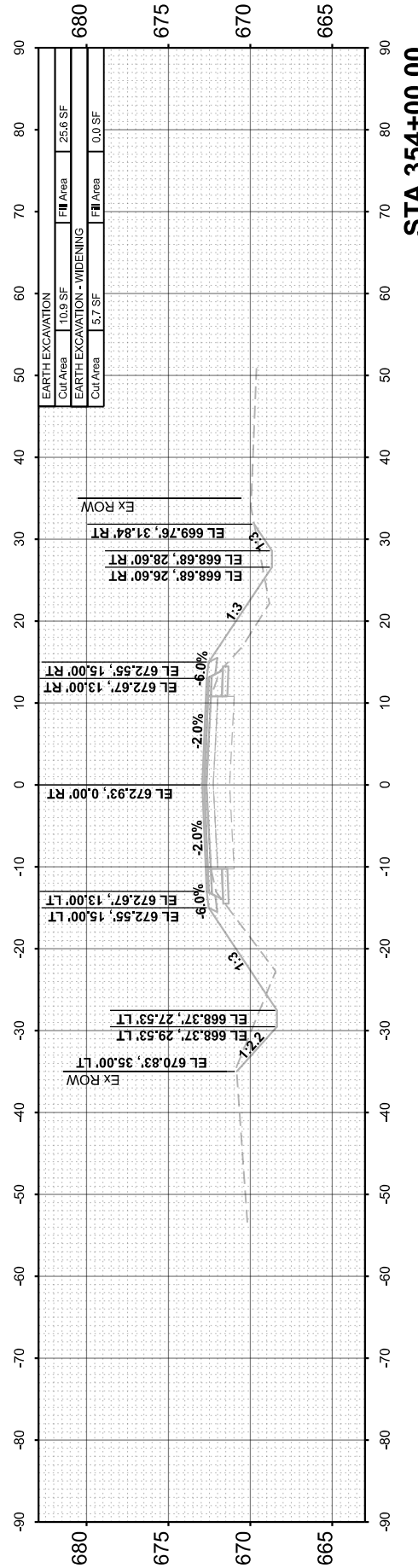
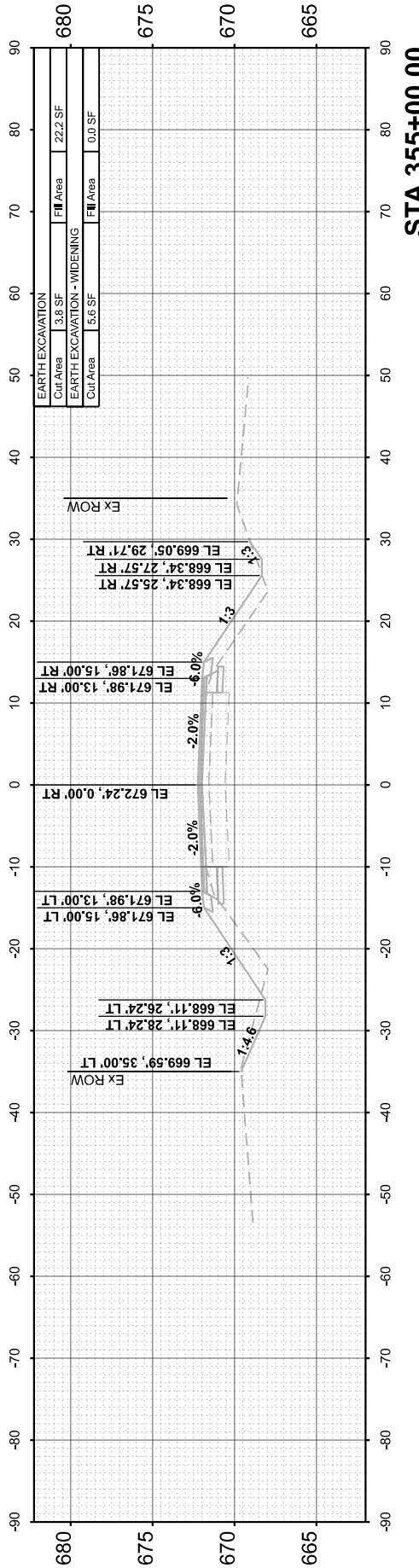
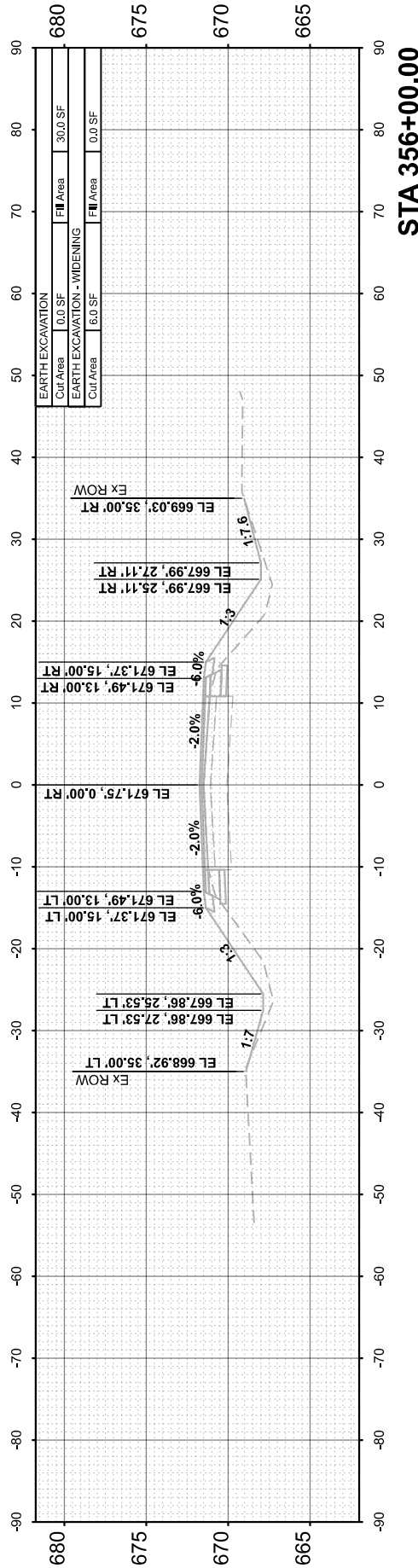
F.A.S. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
288	15-00351-00-WR	LASALLE	236	180
				CONTRACT NO. 87801
		ILLINOIS	FED. AID PROJECT	



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

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

MODEL: EX_CH15 - 352+00.00 (Sheet)
 FILE NAME: V35001 - CH15 Design Layout - Co/CADD/CADD Sheets/500 - str/csc-c03-3.dgn



Hutchison Engineering, Inc.
 Jacksonville - Moline - Peoria - Shorewood
 Since 1945

USER NAME =	BDDeCrane	DESIGNED -	REvised -
PLOT SCALE =	0.16666633 1/ in.	DRAWN -	REvised -
PLOT DATE =	6/14/2023	CHECKED -	REvised -
		DATE -	REvised -

**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

**CH 15 (E 22nd RD)
 CROSS SECTIONS**

SCALE: H=10 V=5 SHEET 63 OF 118 SHEETS STA. 352+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
288	15-00351-00-WR	LASALLE	236	181
CONTRACT NO. 87801				
ILLINOIS		FED. AID PROJECT		

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

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

MODEL: EX_CH15 - 356+42.34 [Sheet]
 FILE NAME: V35001 - CH15 Design.Lasalle Co.CADD\CADD Sheets\5001-356+42.34.dgn

Hutchison Engineering, Inc.
 Jacksonville - Moline - Peoria - Shorewood
 Since 1945

USER NAME	= BDcraene
DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-
PLOT SCALE	= 0.16666633''/in.
PLOT DATE	= 6/14/2023

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

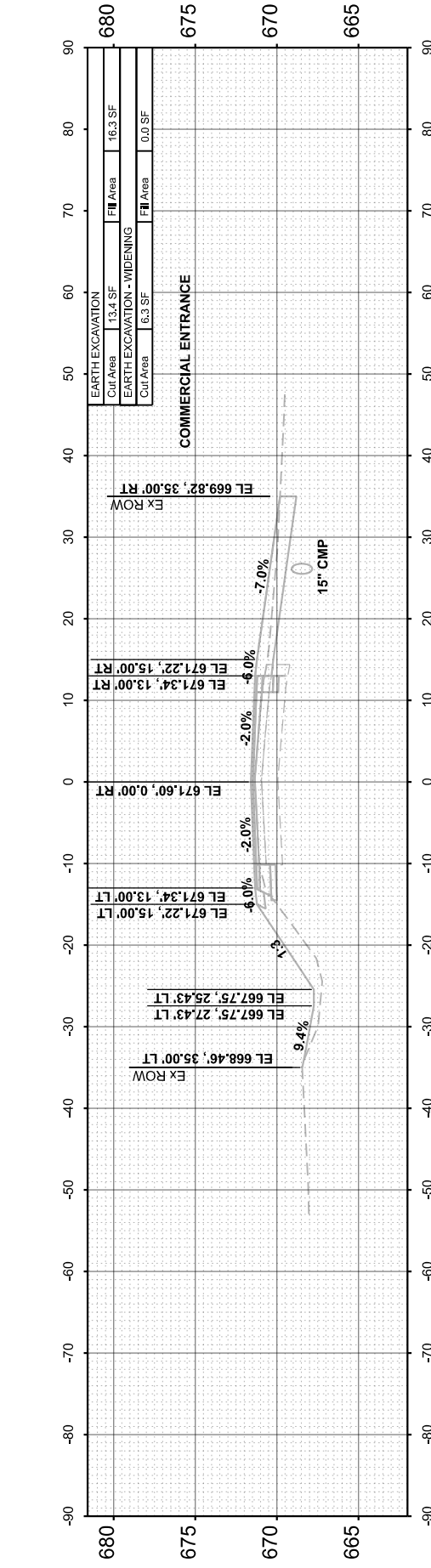
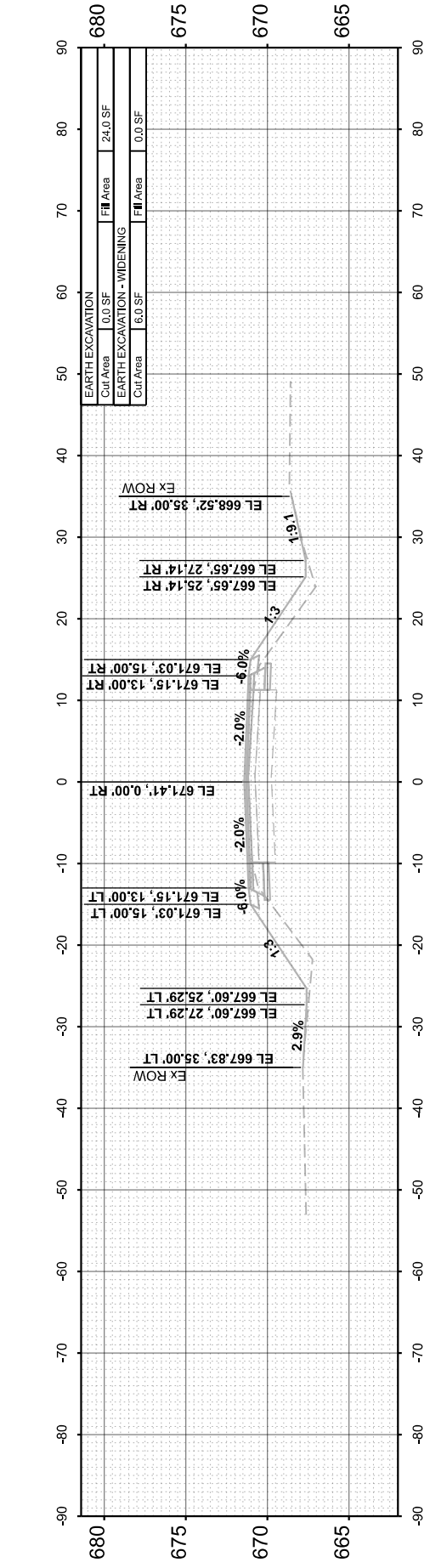
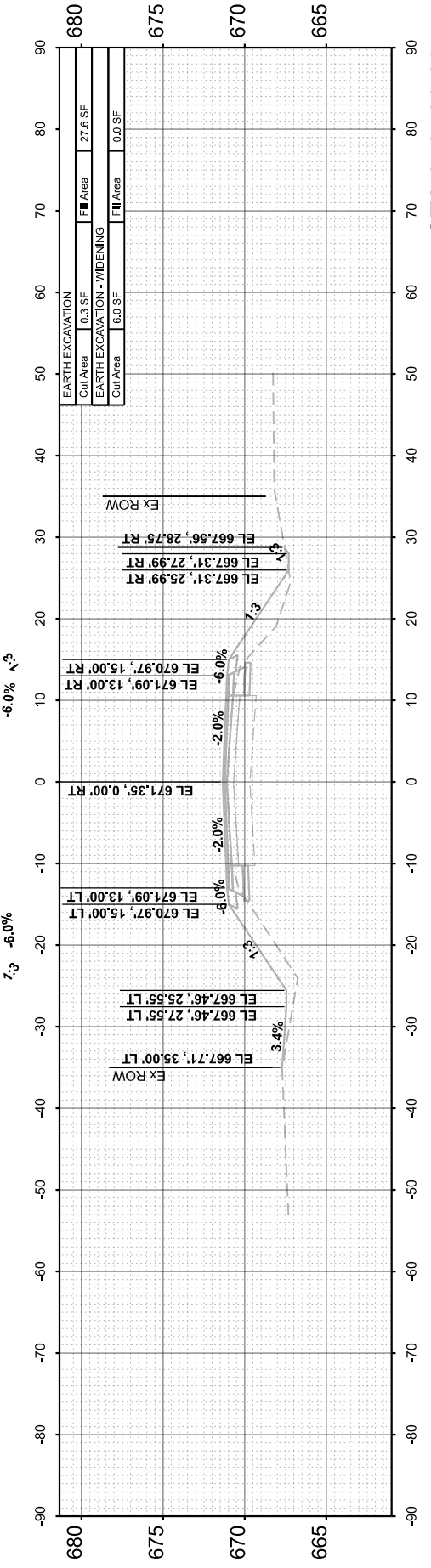
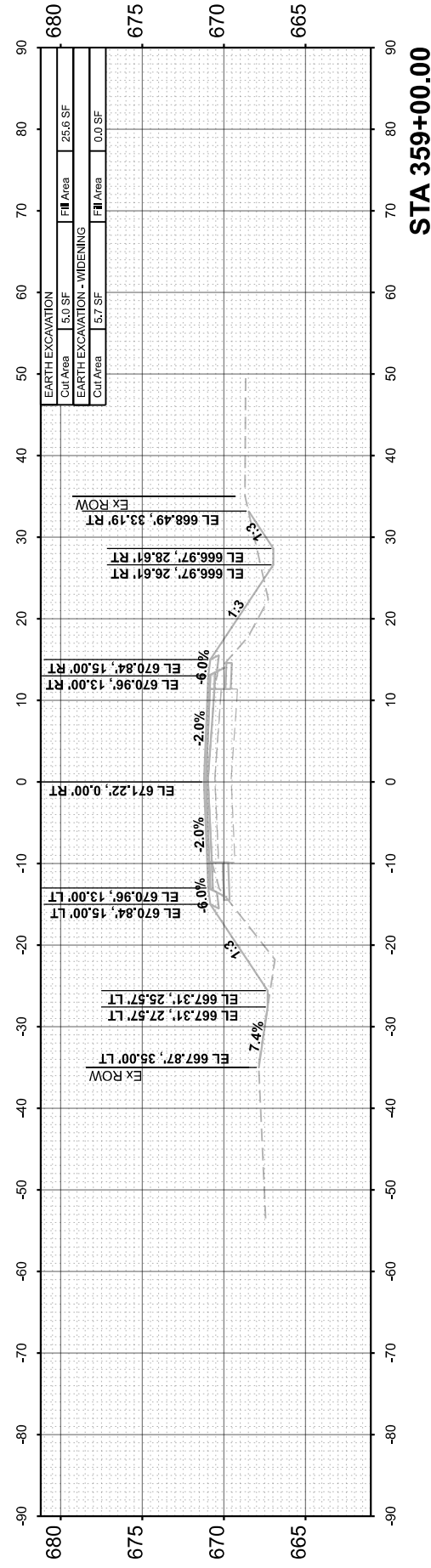
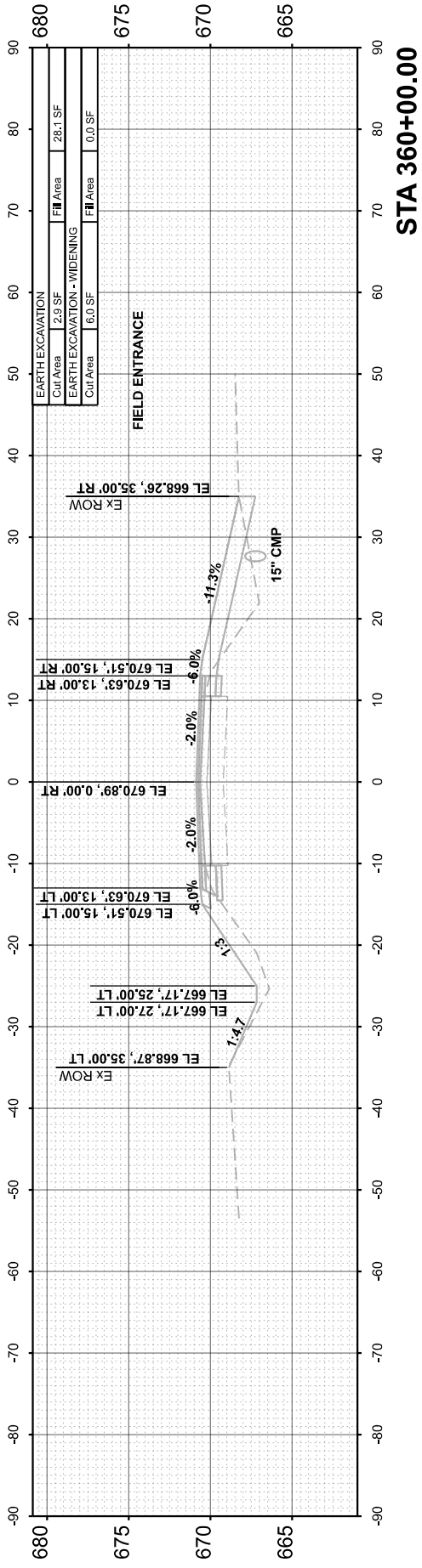
REVISED	-
REVISED	-
REVISED	-
REVISED	-

**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

SCALE: H=10 V=5 SHEET 64 OF 118 SHEETS STA. 356+42.34

**CH 15 (E 22nd RD)
 CROSS SECTIONS**

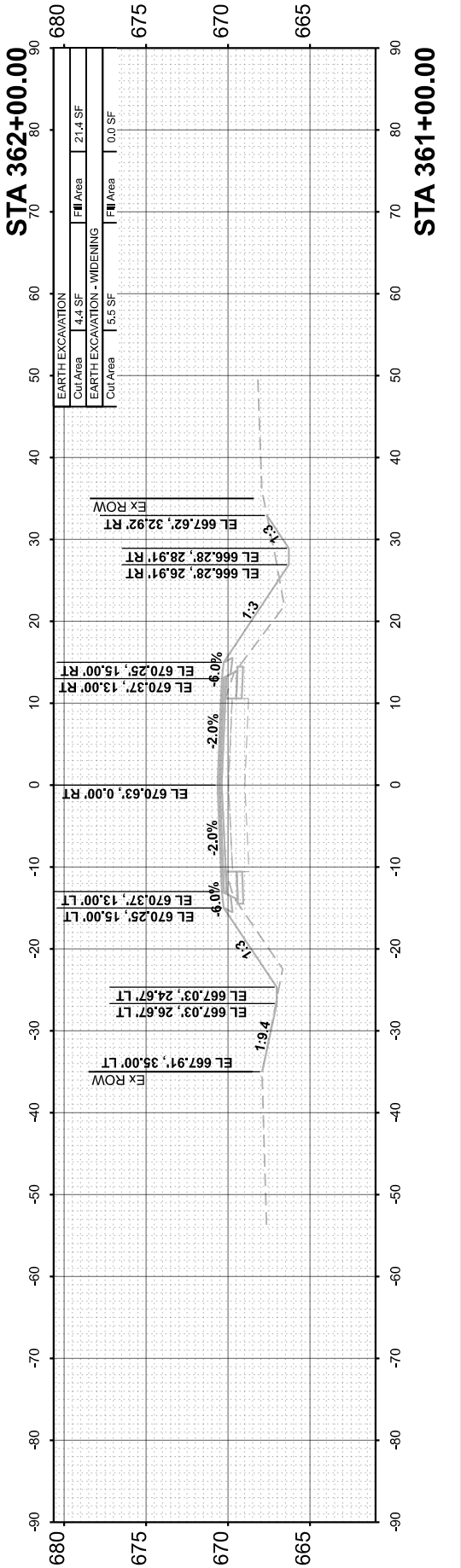
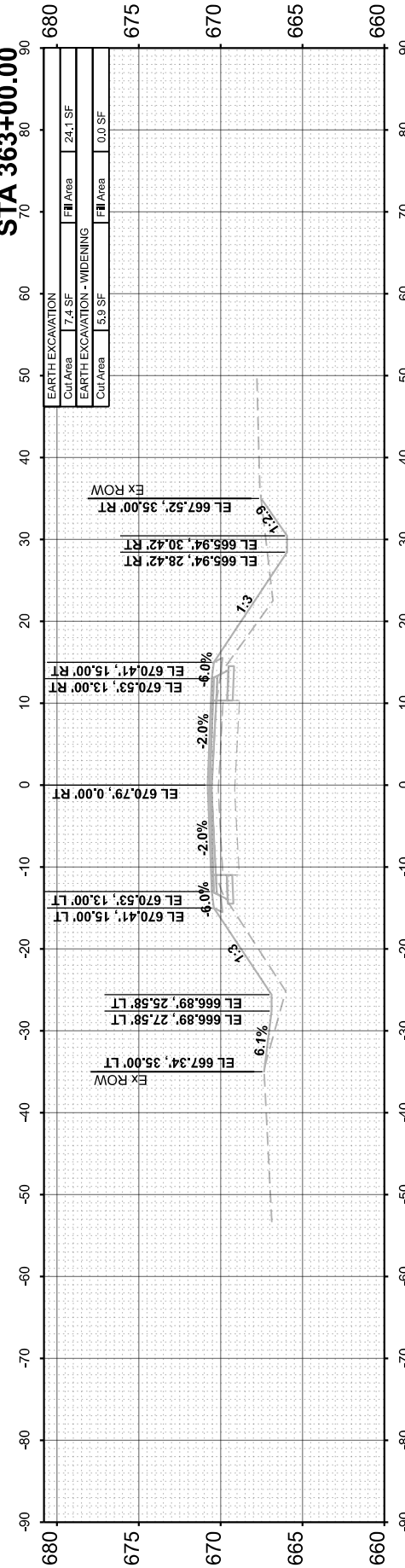
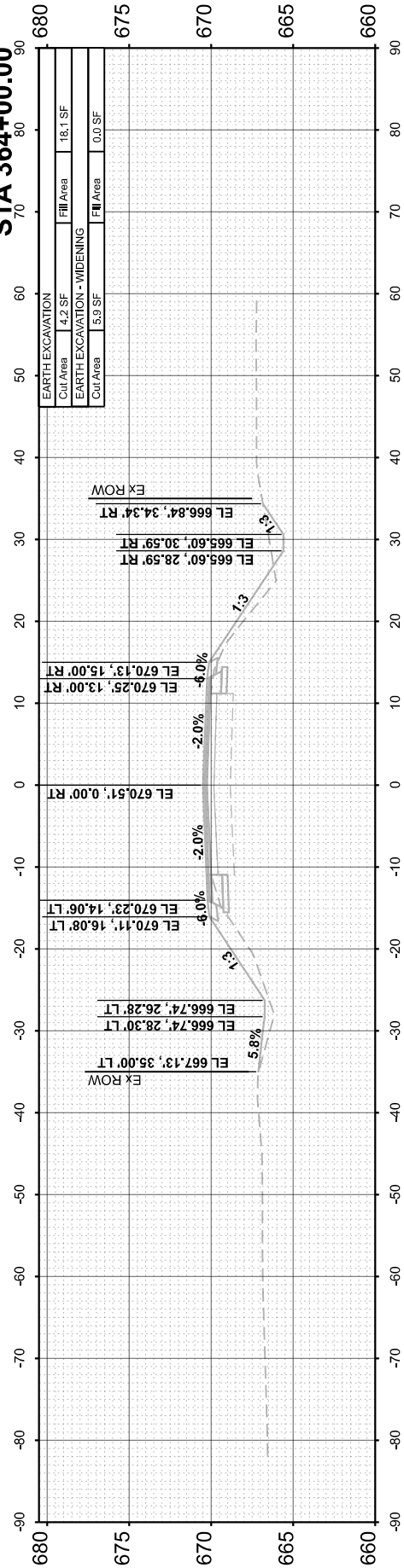
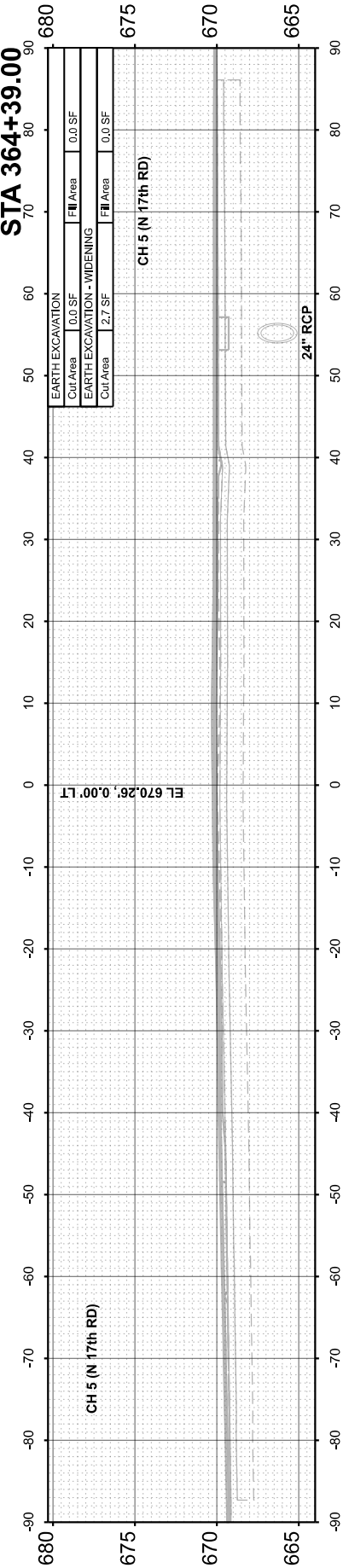
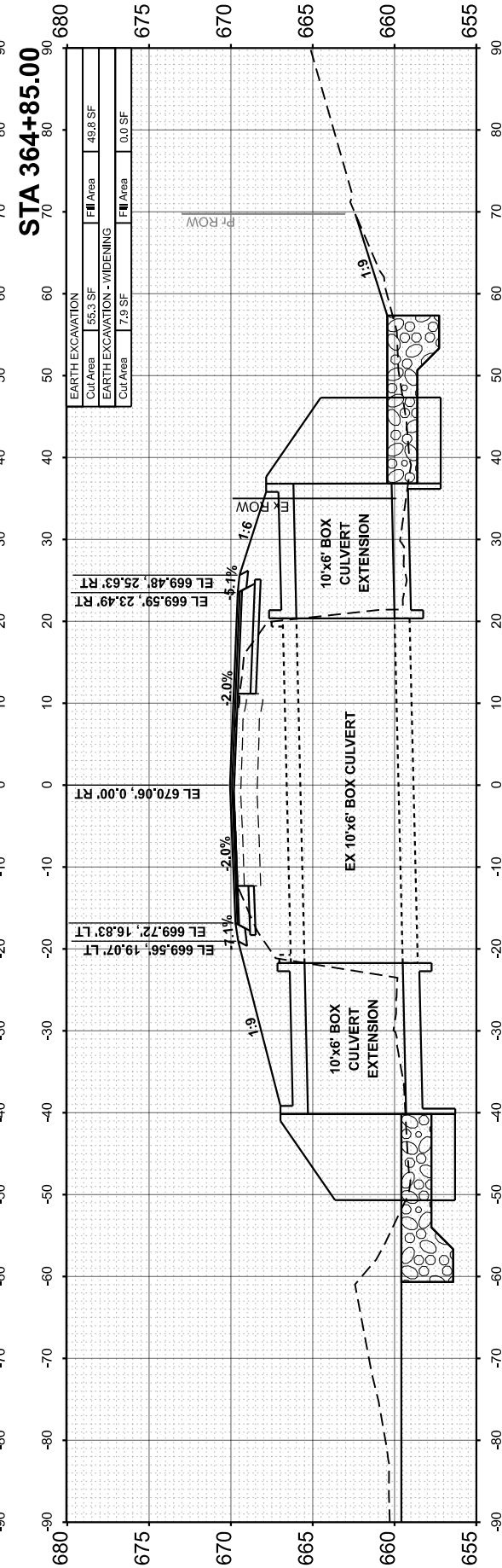
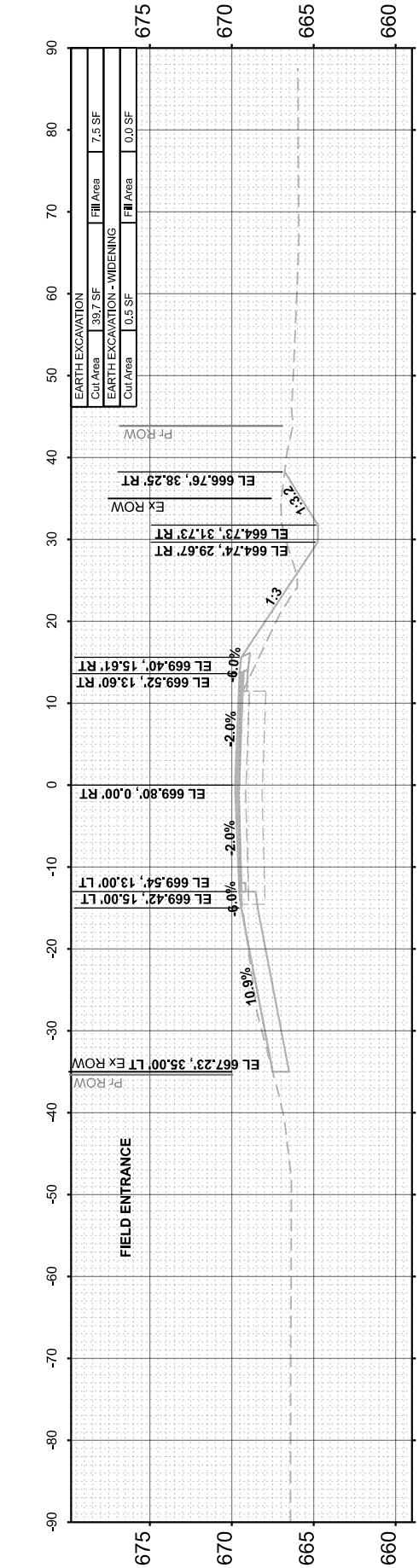
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
288	15-00351-00-WR	LASALLE	236	182
				CONTRACT NO. 87801
ILLINOIS		FED. AID PROJECT		



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

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

MODEL: EX_CH15 - 361+00.00 (Sheet)
 FILE NAME: V35001 - CH15 Design Layout - Co/CADD/CADD Sheets/501 - str/csc-cv-3.dgn



Hutchison Engineering, Inc.
 Jacksonville - Moline - Peoria - Shorewood
 Since 1945

USER NAME	= BDeCrane
DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-
PLOT SCALE	= 0.16666633''/in.
PLOT DATE	= 6/14/2023

REVISIONS	-
REVISIONS	-
REVISIONS	-
REVISIONS	-
REVISIONS	-

**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

SCALE: H=10 V=5	SHEET 65	OF 118 SHEETS	STA. 361+00.00
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**CH 15 (E 22nd RD)
 CROSS SECTIONS**

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
288	15-00351-00-WR	LASALLE	236	183
				CONTRACT NO. 87801
		ILLINOIS	FED. AID PROJECT	

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

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

MODEL: EX_CH15 - 365+00.00 (Sheet)
 FILE NAME: V35001 - CH15 Design - Lasalle County CADD sheets 501 - 512.dwg - 6/14/2023

Hutchison Engineering, Inc.
 Jacksonville - Moline - Peoria - Shorewood
 Since 1945

USER NAME	= BDcraene
DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-
PLOT SCALE	= 0.16666633'' in.
PLOT DATE	= 6/14/2023

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

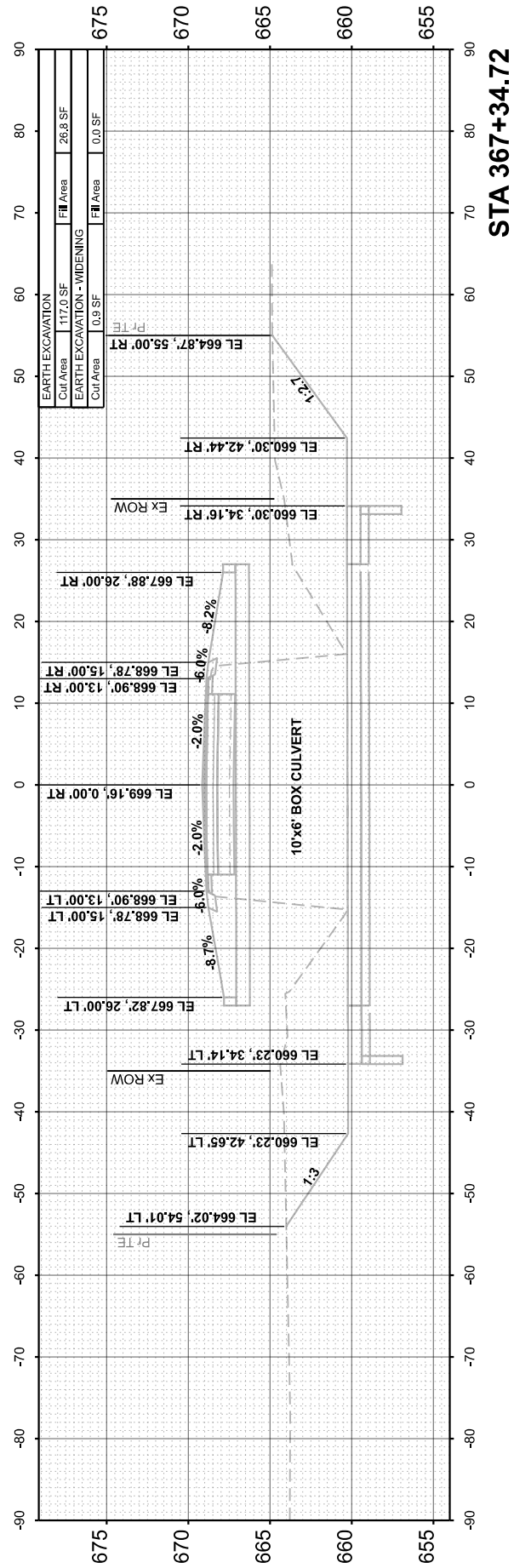
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REVISED	-
REVISED	-

**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

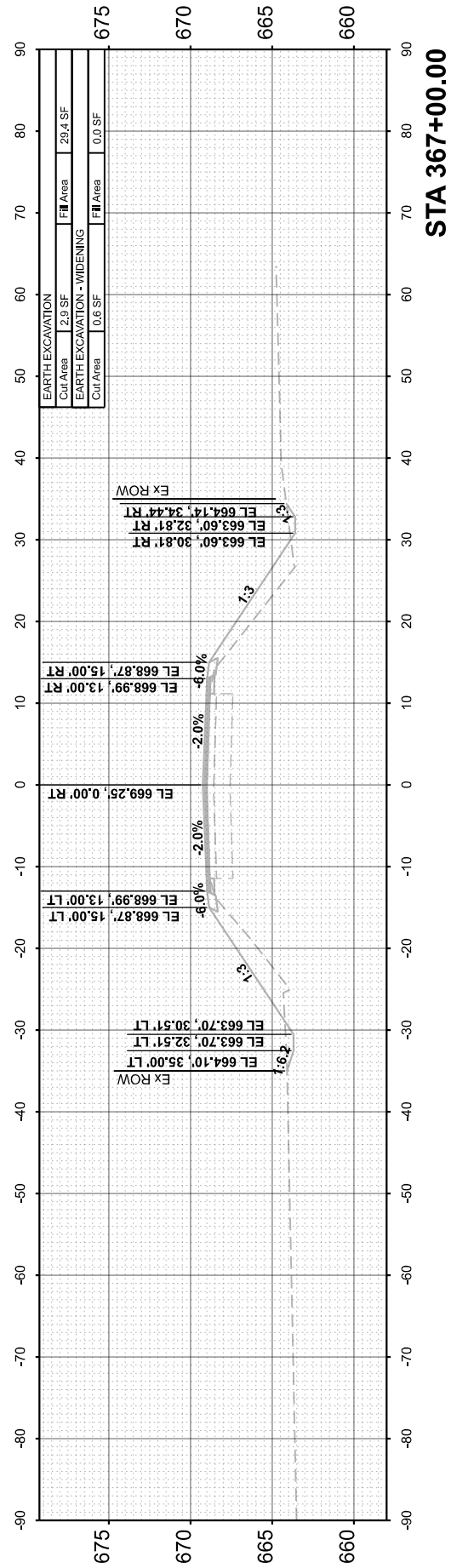
**CH 15 (E 22nd RD)
 CROSS SECTIONS**

SCALE: H=10 V=5 SHEET 66 OF 118 SHEETS STA. 365+00.00

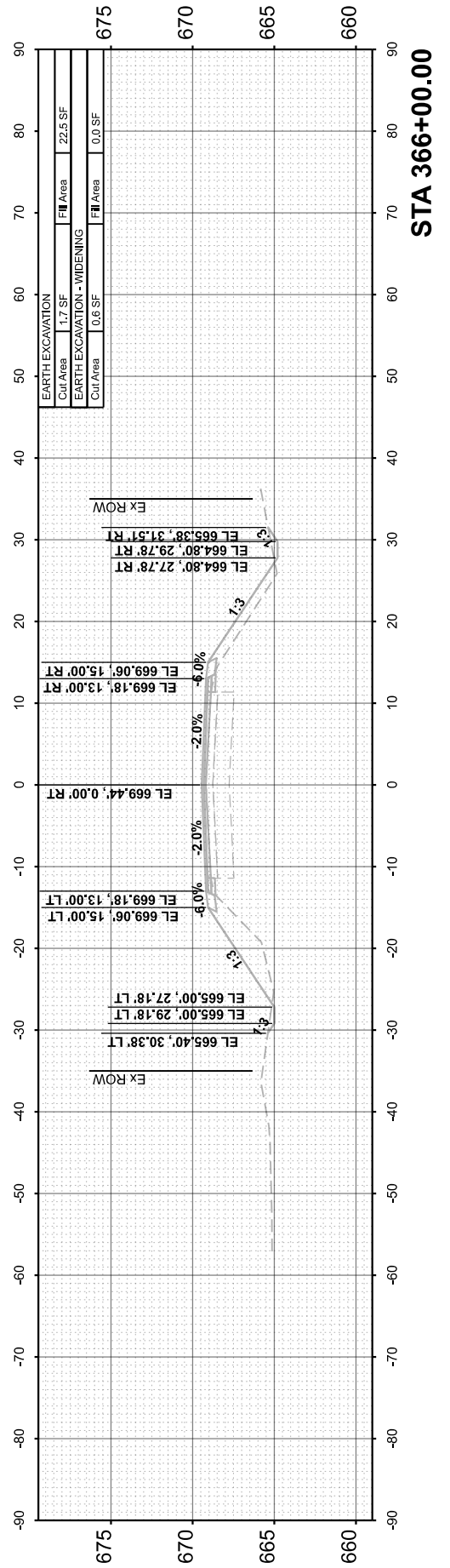
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
288	15-00351-00-WR	LASALLE	236	184
				CONTRACT NO. 87801
		ILLINOIS	FED. AID PROJECT	



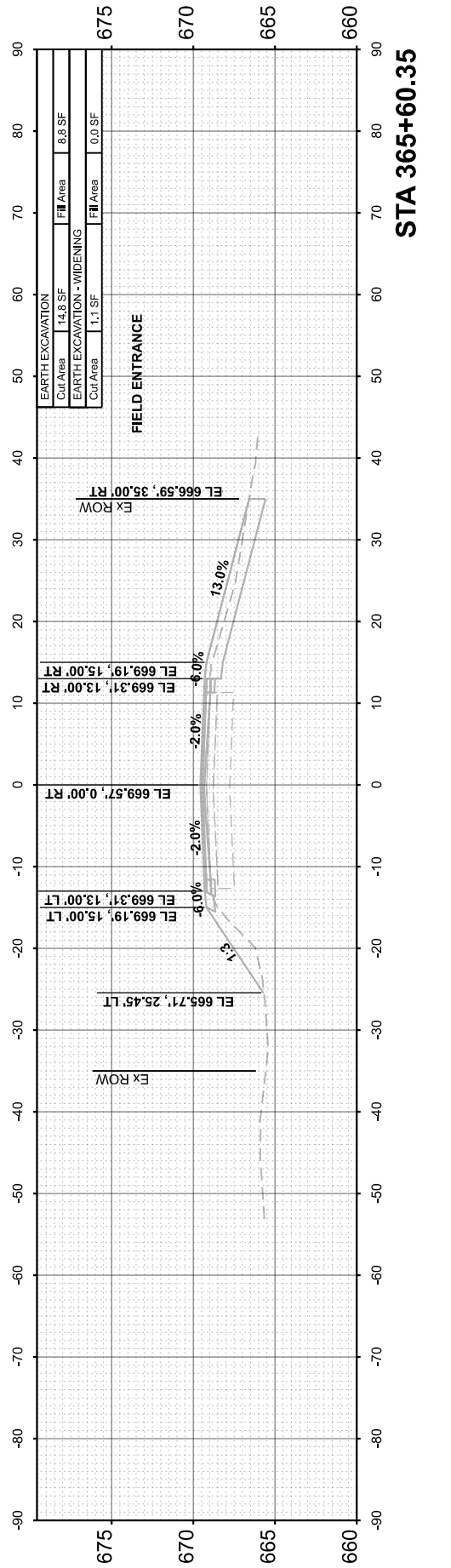
STA 367+34.72



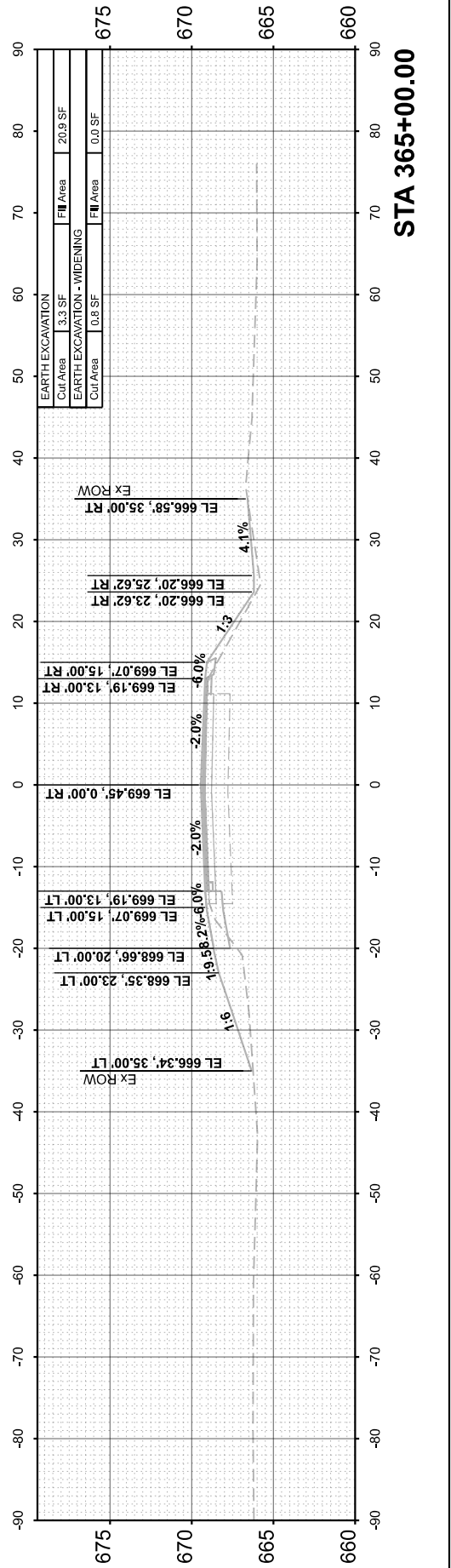
STA 367+00.00



STA 366+00.00



STA 365+60.35



STA 365+00.00

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

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

MODEL: EX_CH15 - 368+00.00 (Sheet)
 FILE NAME: V35001 - CH15 Design Layout - Co/CADD/CADD Sheets/501 - str/csc-cp-3.dgn

Hutchison Engineering, Inc.
 Jacksonville - Moline - Peoria - Shorewood
 Since 1945

USER NAME	= BDeCrane
DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-
PLOT SCALE	= 0.16666633" / in.
PLOT DATE	= 6/14/2023

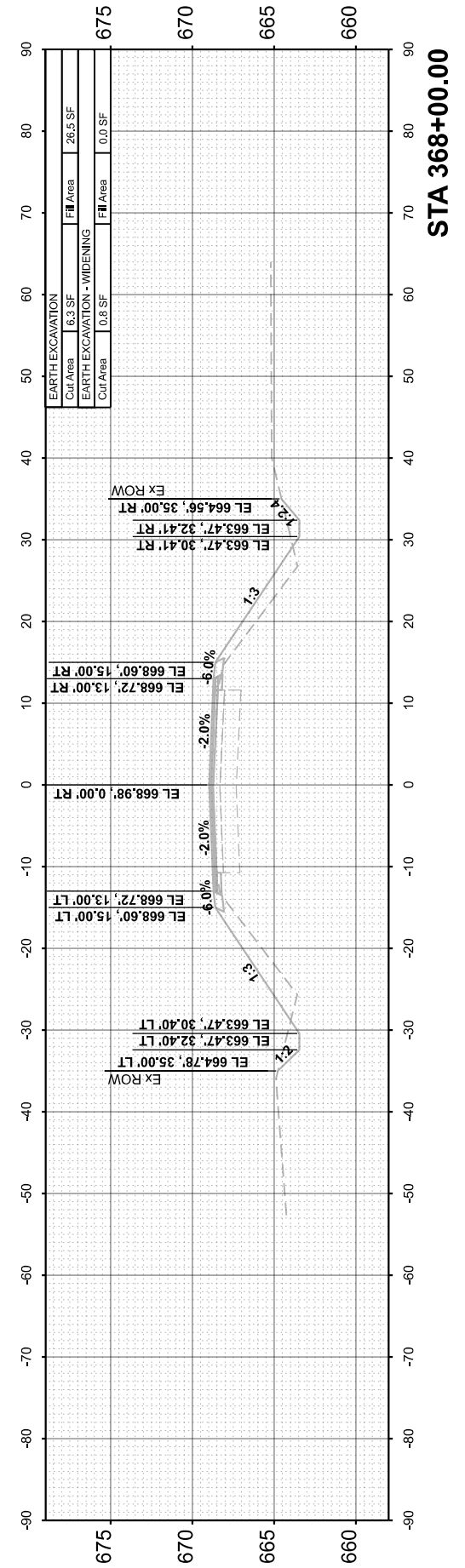
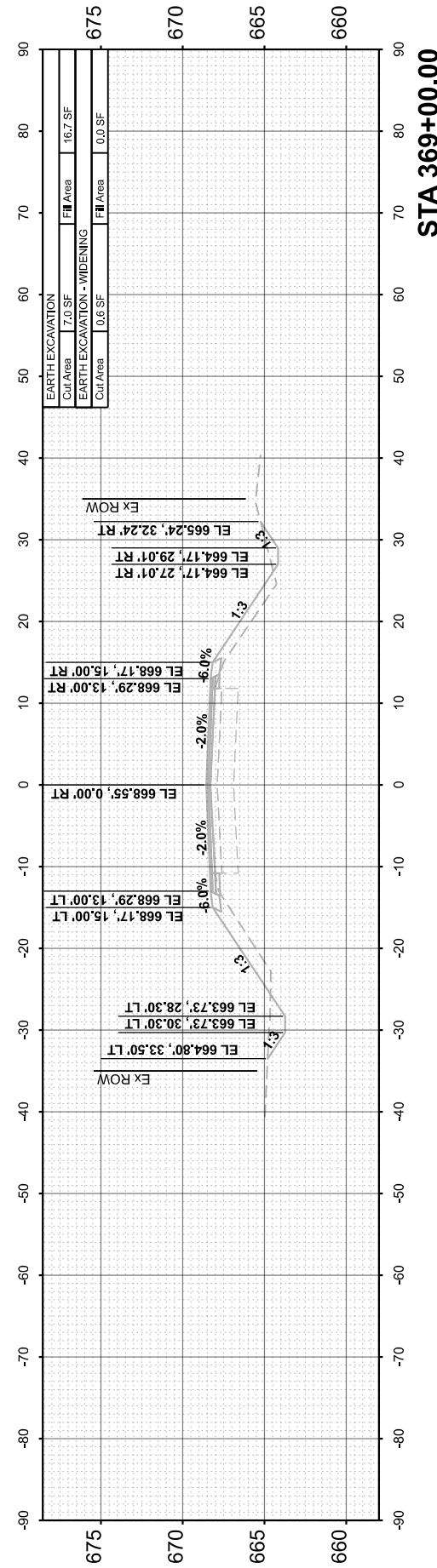
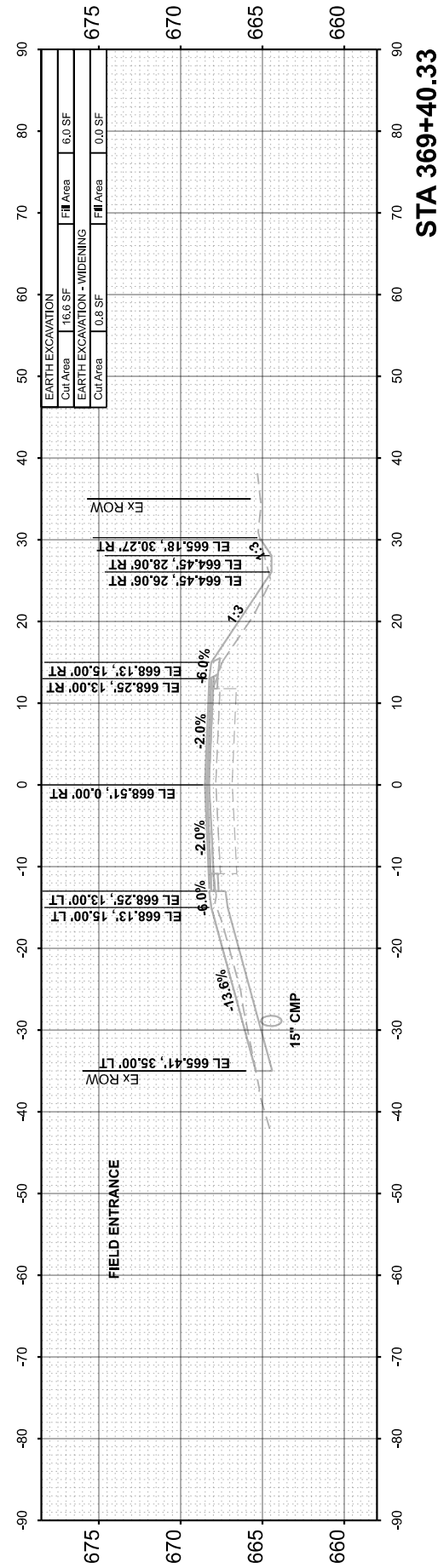
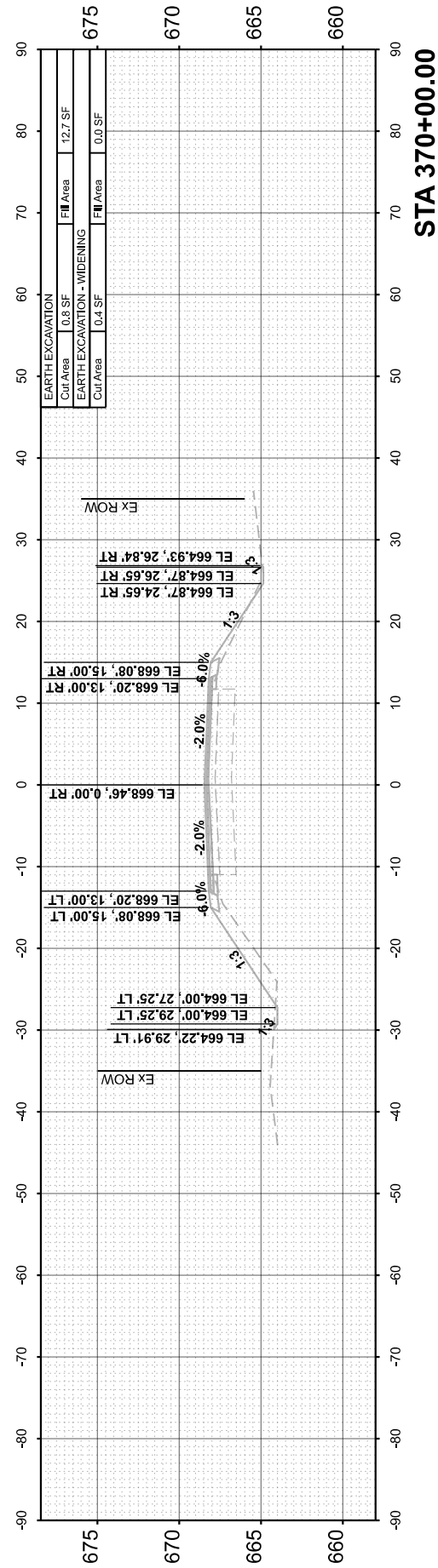
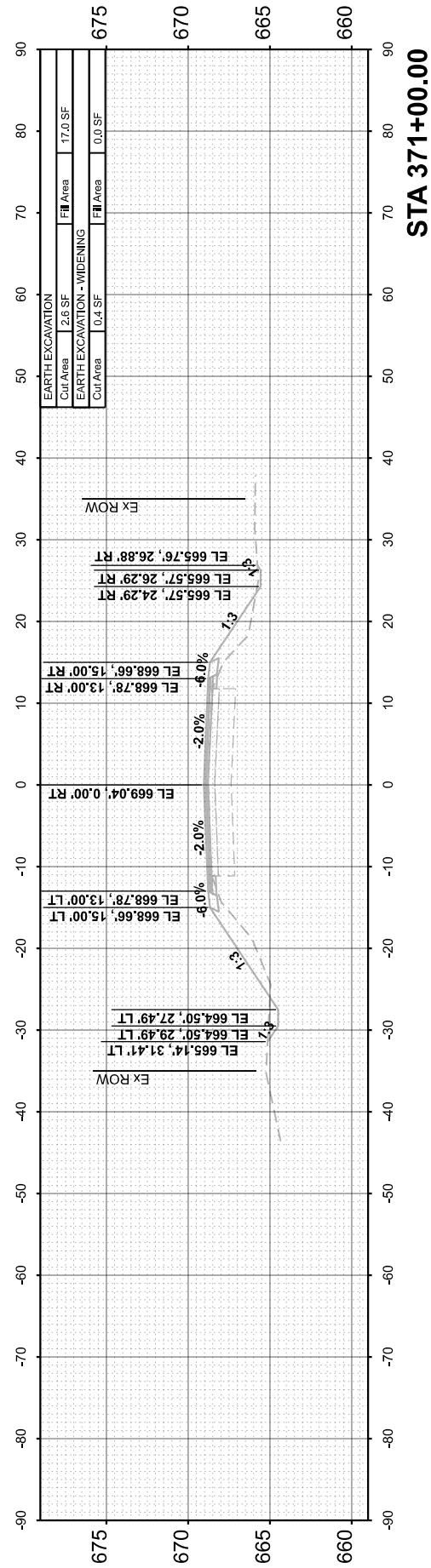
DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-
REVISED	-
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REVISED	-
REVISED	-

**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

**CH 15 (E 22nd RD)
 CROSS SECTIONS**

SCALE: H=10 V=5 SHEET 67 OF 118 SHEETS STA. 368+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
288	15-00351-00-WR	LASALLE	236	185
CONTRACT NO. 87801				
ILLINOIS		FED. AID PROJECT		



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

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

MODEL: EX_CH15 - 372+00.00 [Sheet]
 FILE NAME: V35001 - CH15 Design - Lasalle Co.CADD\CADD Sheets\501 - str-cs-c-3.dgn

Hutchison Engineering, Inc.
 Jacksonville - Moline - Peoria - Shorewood
 Since 1945

USER NAME	= BDeCrane
DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-
PLOT SCALE	= 0.16666633''/in.
PLOT DATE	= 6/14/2023

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

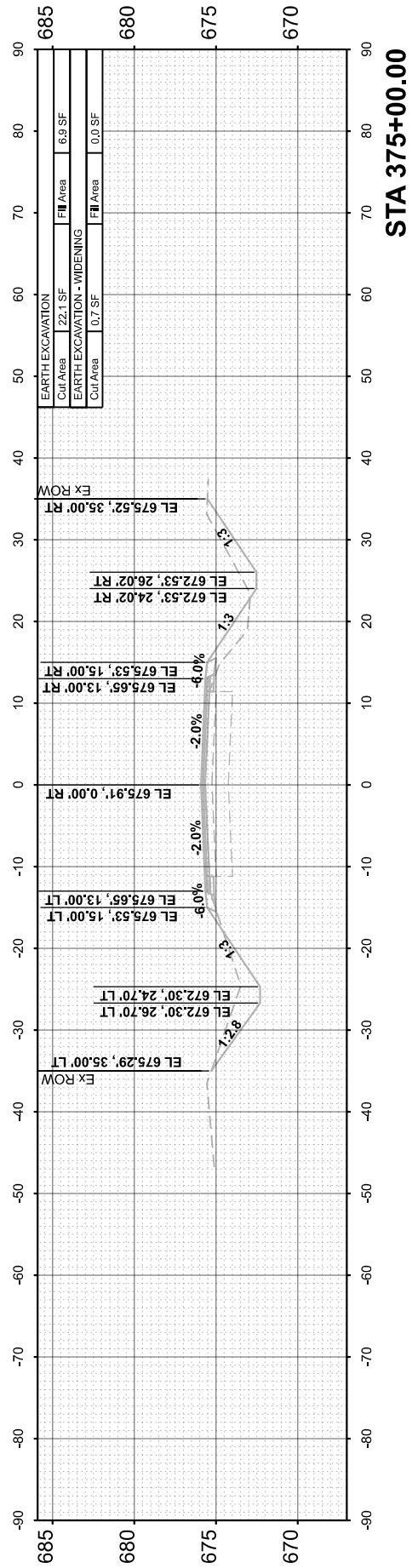
REVISED	-
REVISED	-
REVISED	-
REVISED	-

**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

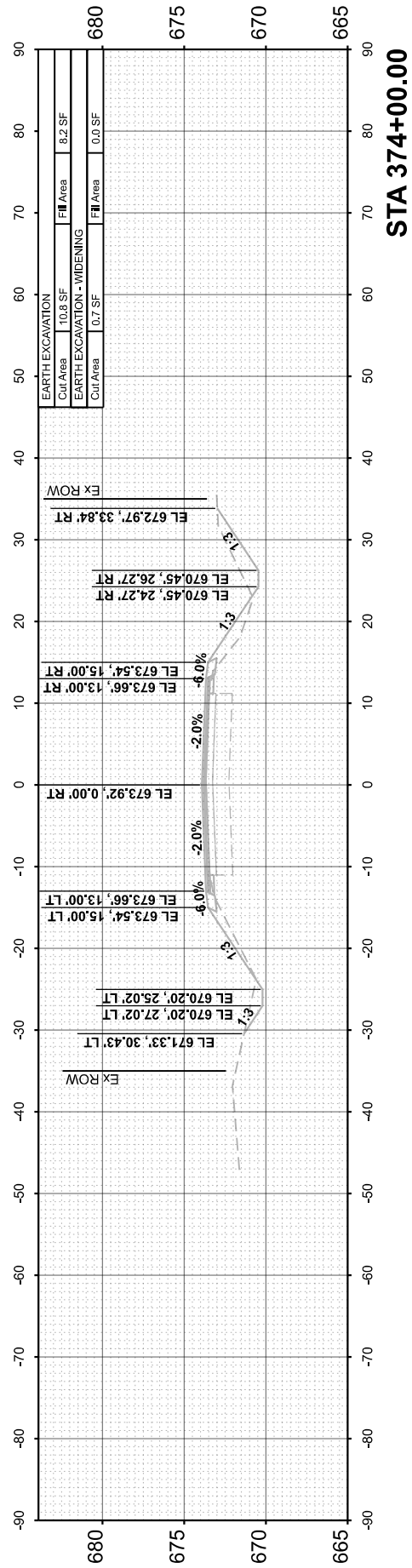
**CH 15 (E 22nd RD)
 CROSS SECTIONS**

SCALE: H=10 V=5 SHEET 68 OF 118 SHEETS STA. 372+00.00

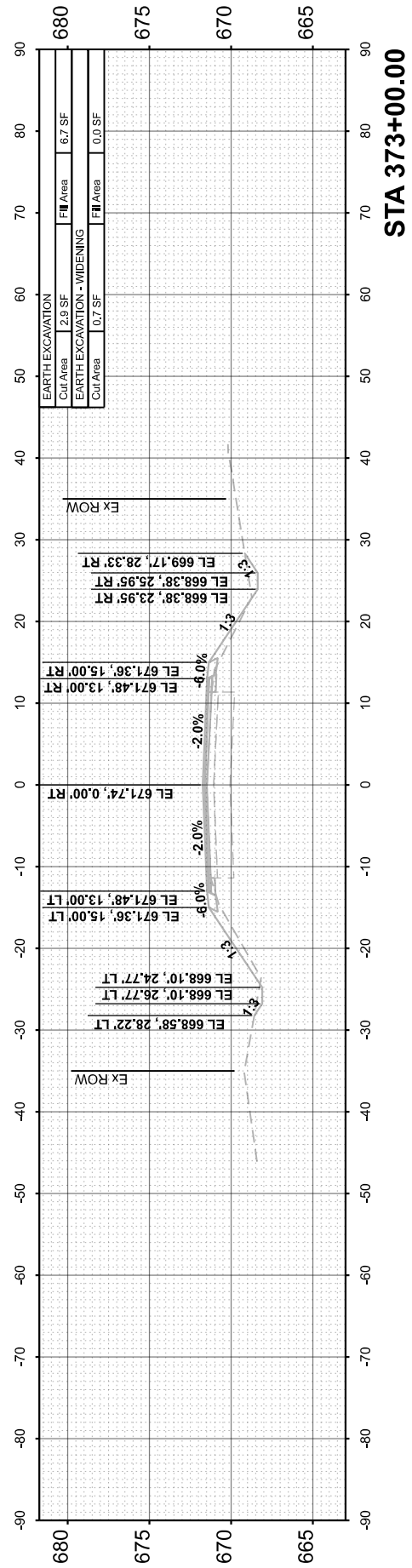
F.A.S. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
288	15-00351-00-WR	LASALLE	236	186
				CONTRACT NO. 87801
		ILLINOIS	FED. AID PROJECT	



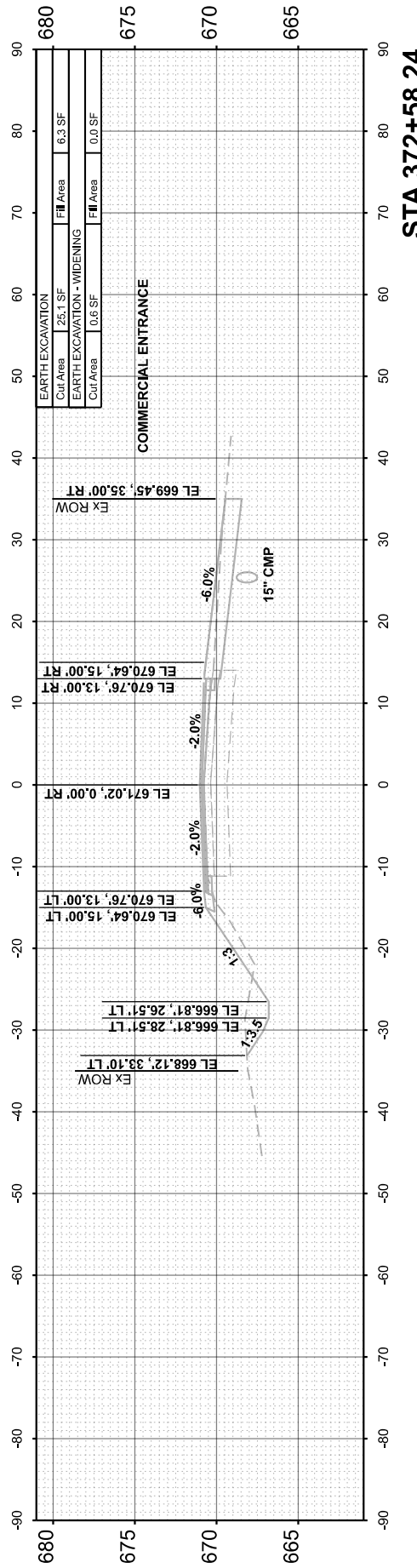
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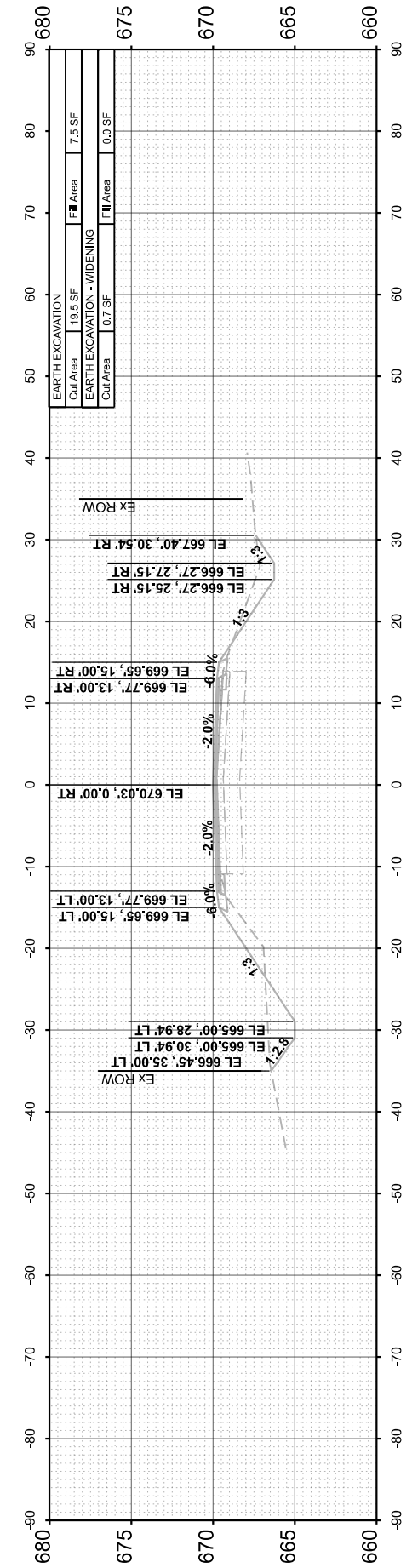
STA 374+00.00



STA 373+00.00



STA 372+58.24



STA 372+00.00

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

MODEL: EX_CH15 - 376+00.00 [Sheet]
 FILE NAME: V35001 - CH15 Design Layout Co/CADD/CADD Sheets/501 - strcsc-cc-3.dgn

Hutchison Engineering, Inc.
 Jacksonville - Moline - Peoria - Shorewood
 Since 1945

USER NAME	= BDcraene
DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-
PLOT SCALE	= 0.16666633'' in.
PLOT DATE	= 6/14/2023

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

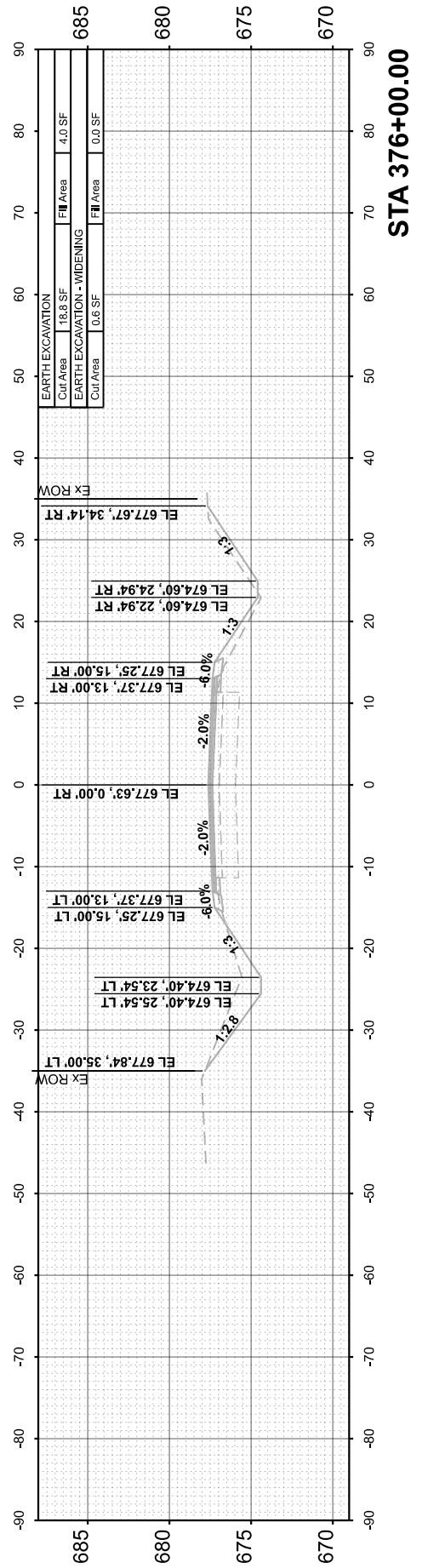
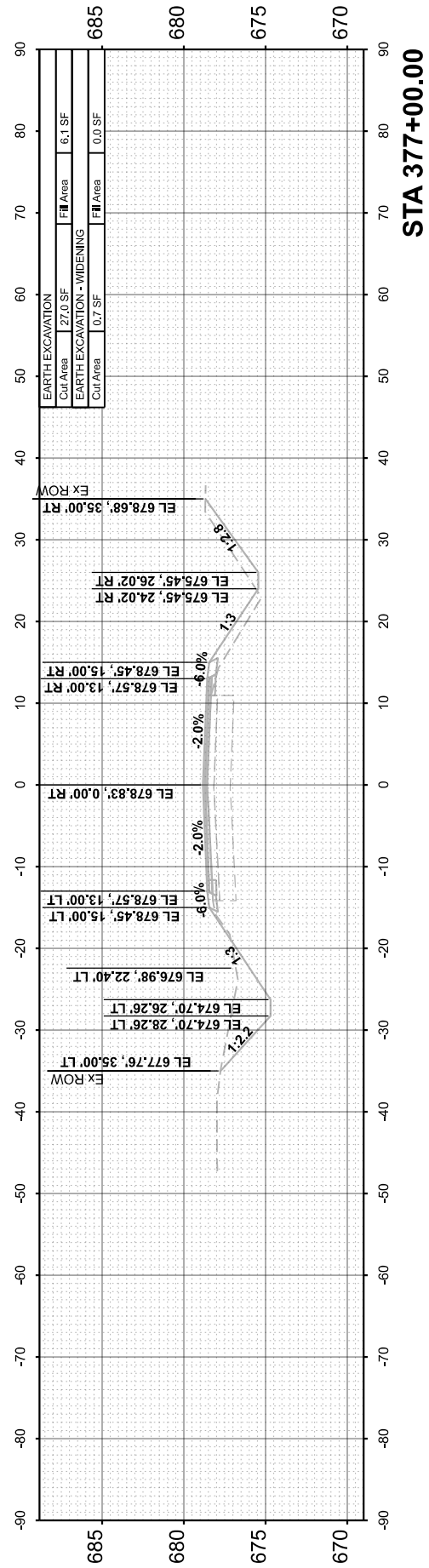
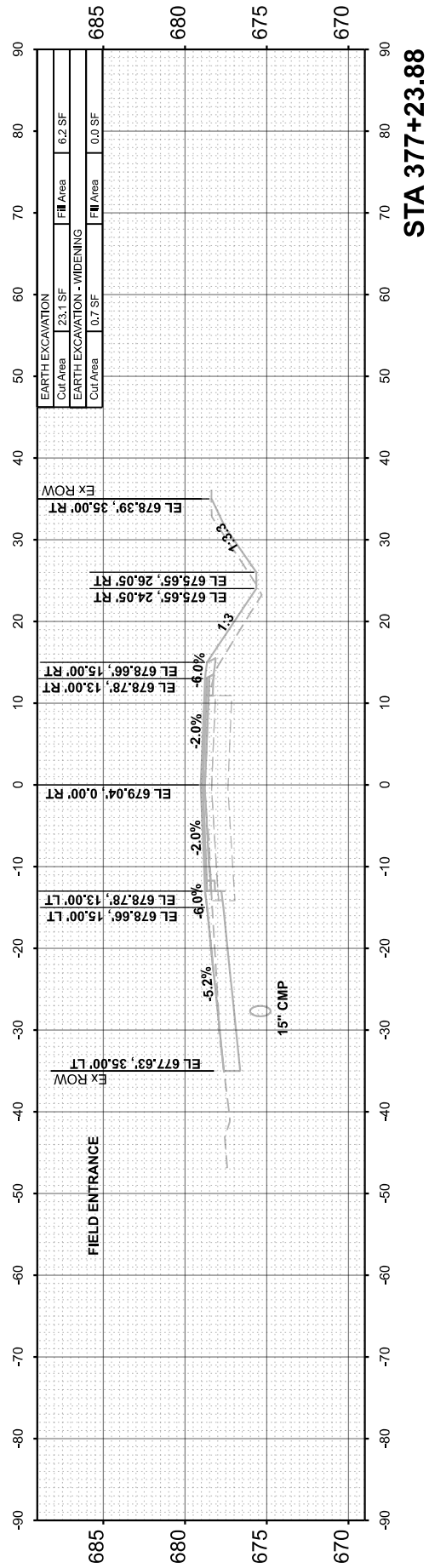
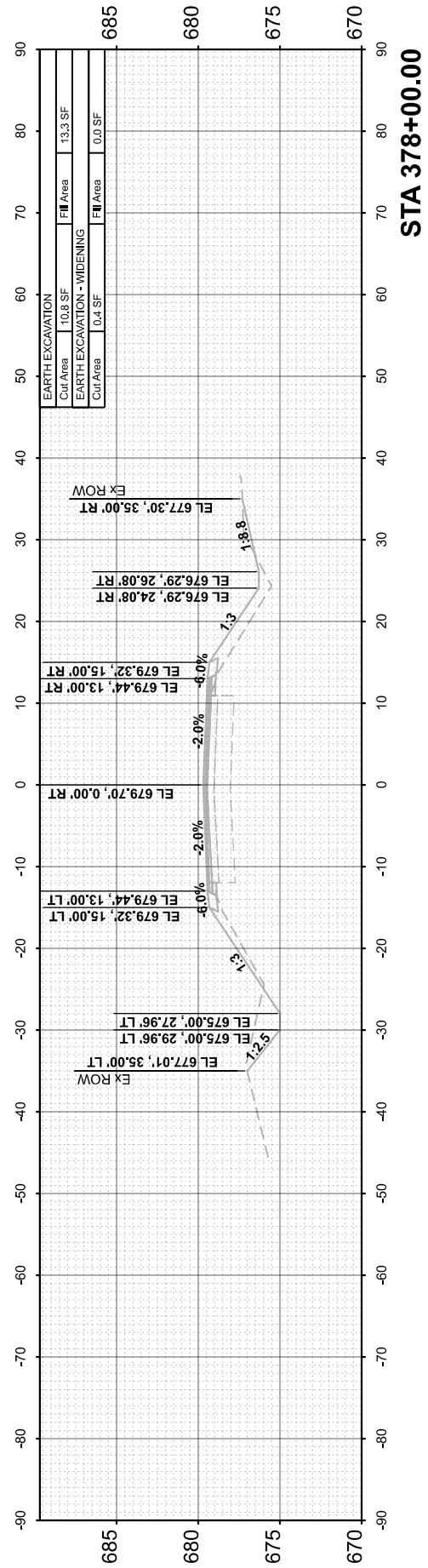
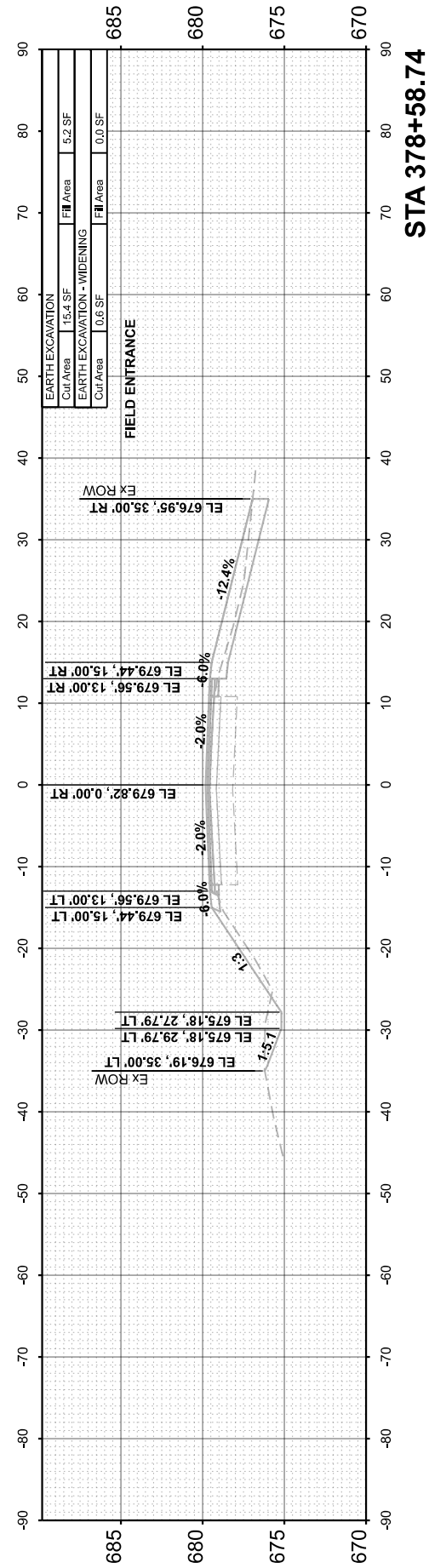
REVISED	-
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REVISED	-
REVISED	-

**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

SCALE: H=10 V=5 SHEET 69 OF 118 SHEETS STA. 376+00.00

**CH 15 (E 22nd RD)
 CROSS SECTIONS**

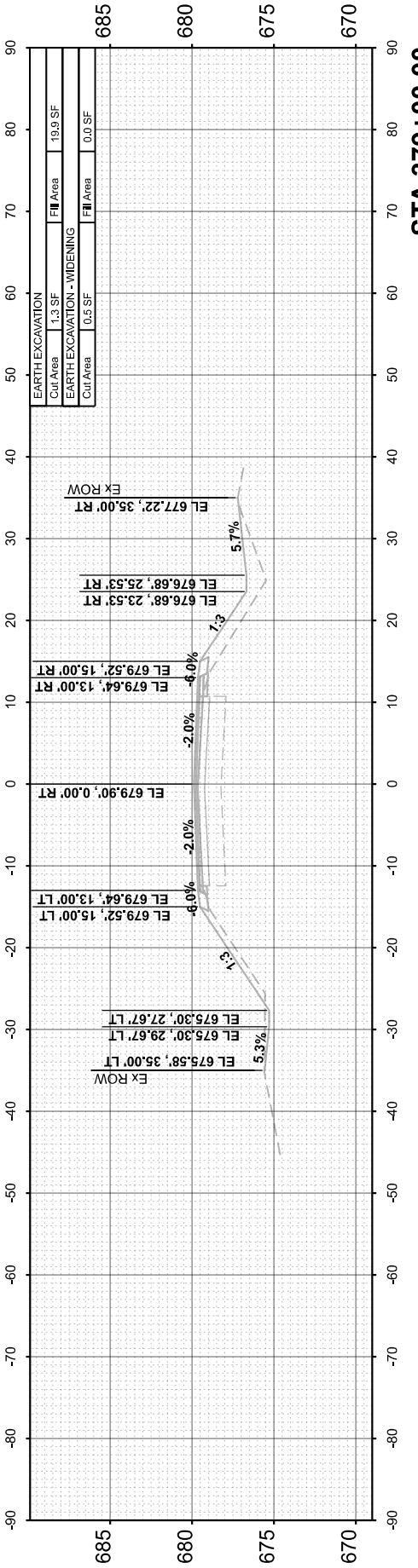
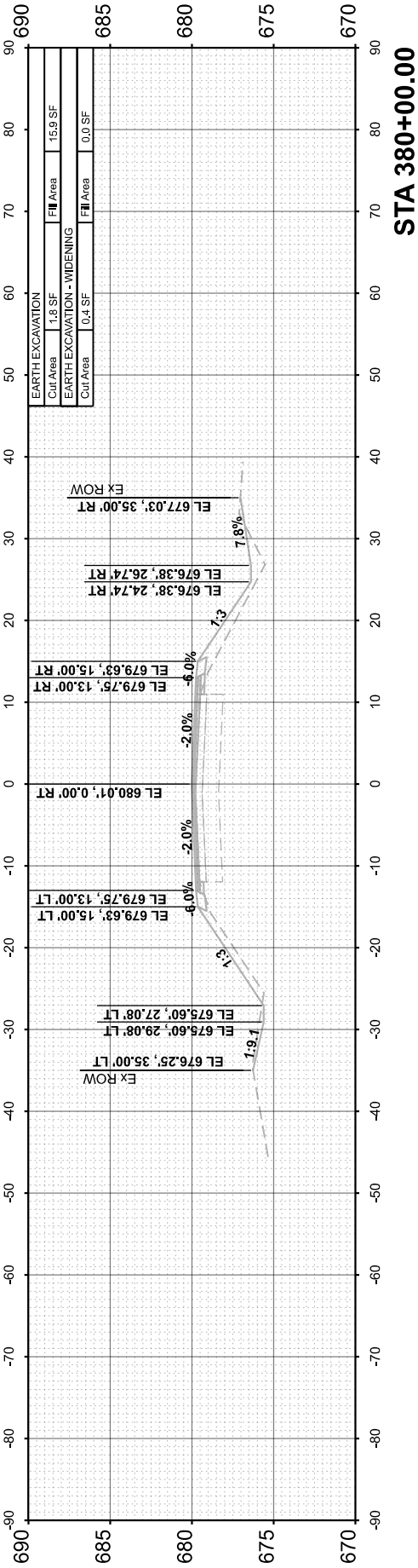
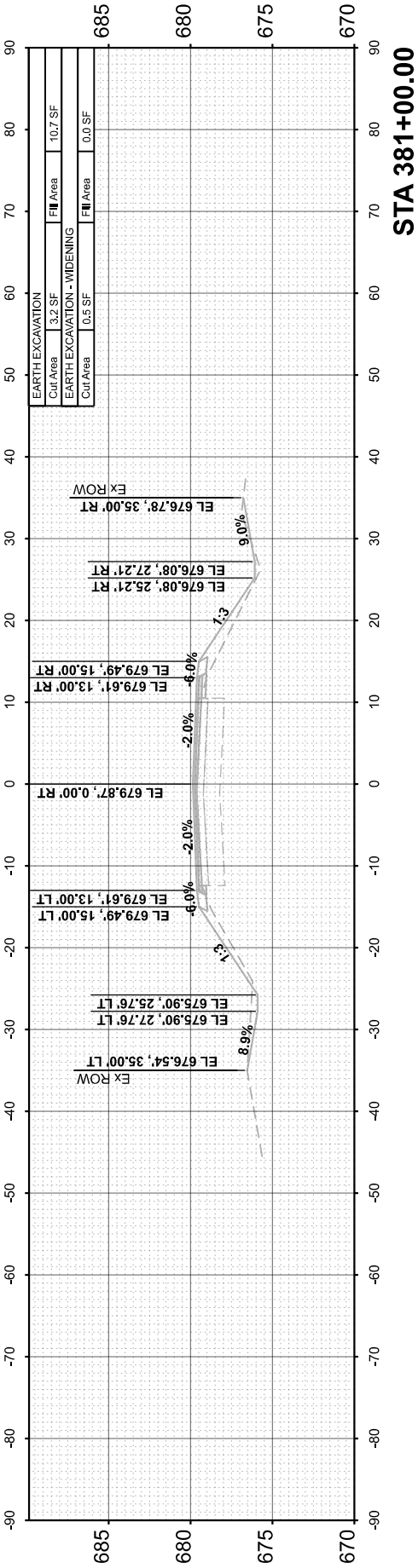
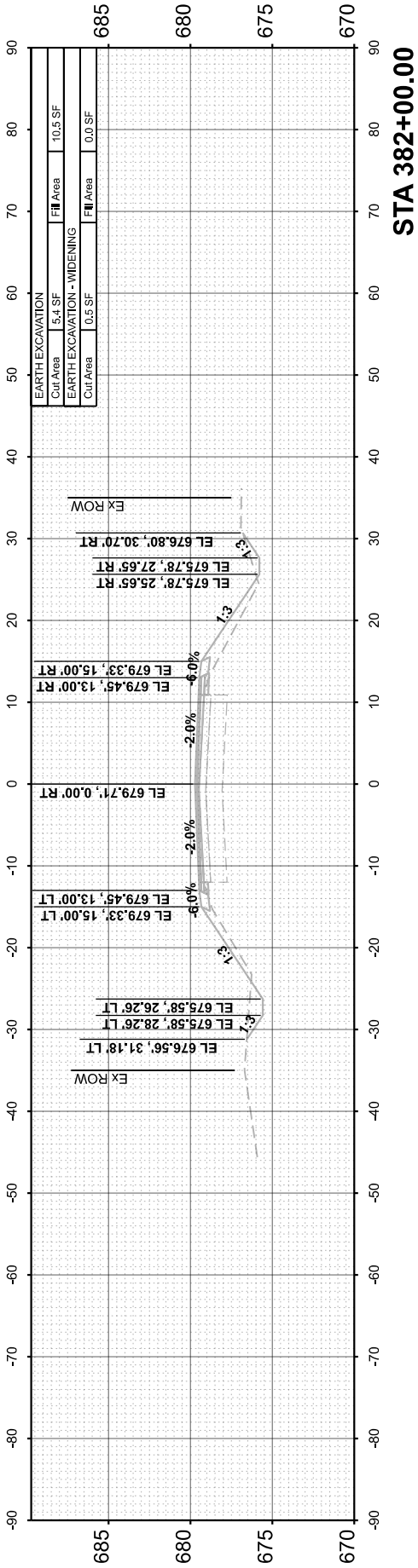
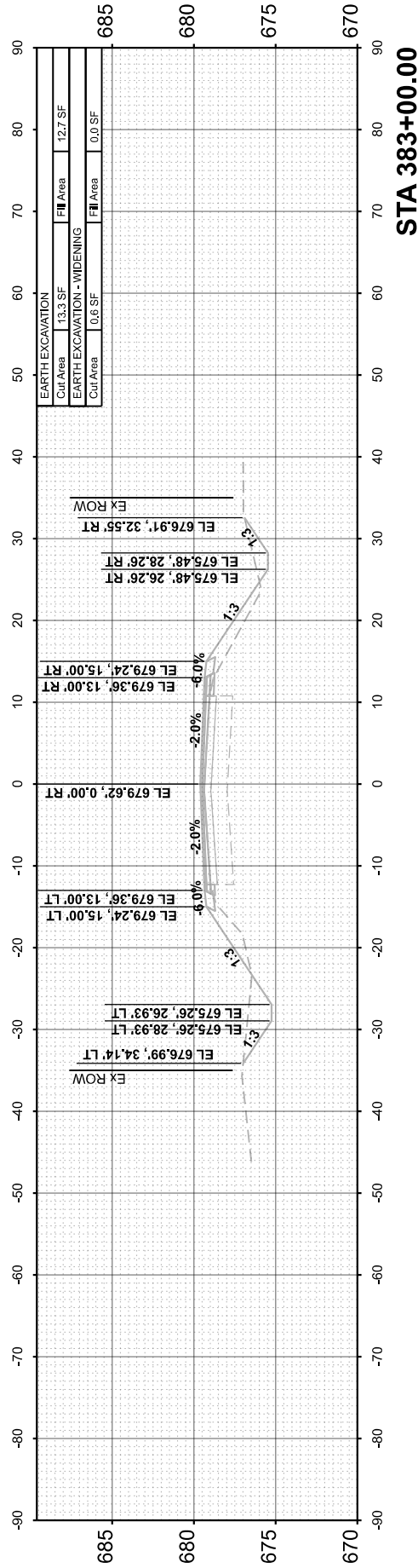
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
288	15-00351-00-WR	LASALLE	236	187
				CONTRACT NO. 87801
		ILLINOIS	FED. AID PROJECT	



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

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

MODEL: EX_CH15 - 379+00.00 [Sheet]
 FILE NAME: V35001 - CH15 Design Layout Co/CADD/CADD Sheets/501-379+00-3.dgn



Hutchison Engineering, Inc.
 Jacksonville - Moline - Peoria - Shorewood
 Since 1945

USER NAME = BDeCrane	DESIGNED -	REVISED -
PLOT SCALE = 0.16666633'' in.	DRAWN -	REVISED -
PLOT DATE = 6/14/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

**CH 15 (E 22nd RD)
 CROSS SECTIONS**

SCALE: H=10 V=5 SHEET 70 OF 118 SHEETS STA. 379+00.00

F.A.S. RTE. 288	SECTION 15-00351-00-WR	COUNTY LASALLE	TOTAL SHEETS 236	SHEET NO. 188
CONTRACT NO. 87801				
ILLINOIS		FED. AID PROJECT		

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

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

MODEL: EX_CH15 - 383+97.18 [Sheet]
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Hutchison Engineering, Inc.
 Jacksonville - Moline - Peoria - Shorewood
 Since 1945

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DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-
PLOT SCALE	= 0.16666633''/in.
PLOT DATE	= 6/14/2023

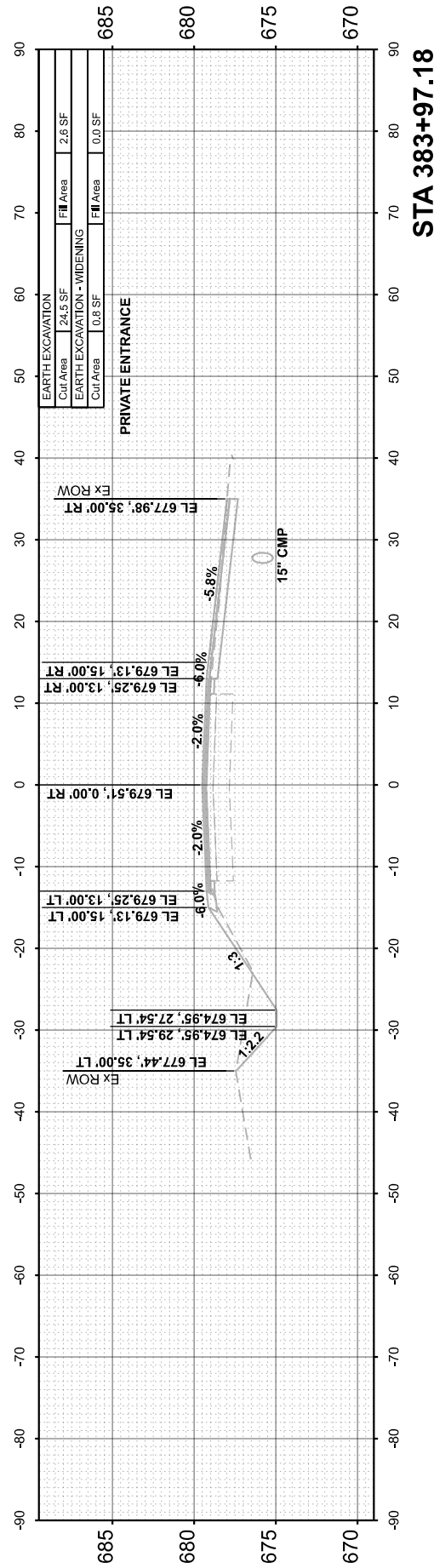
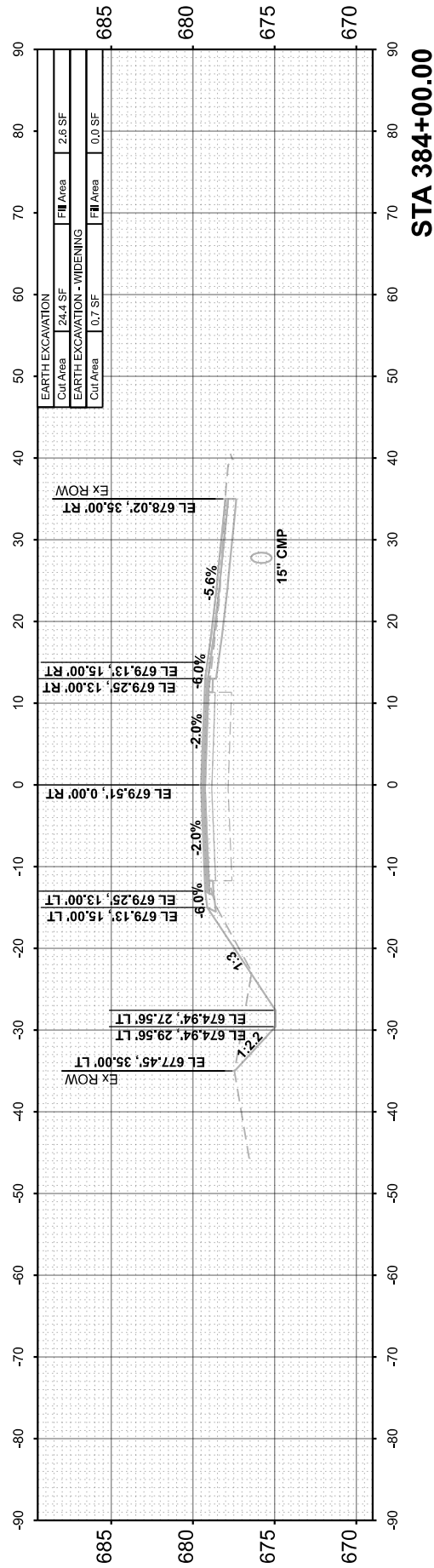
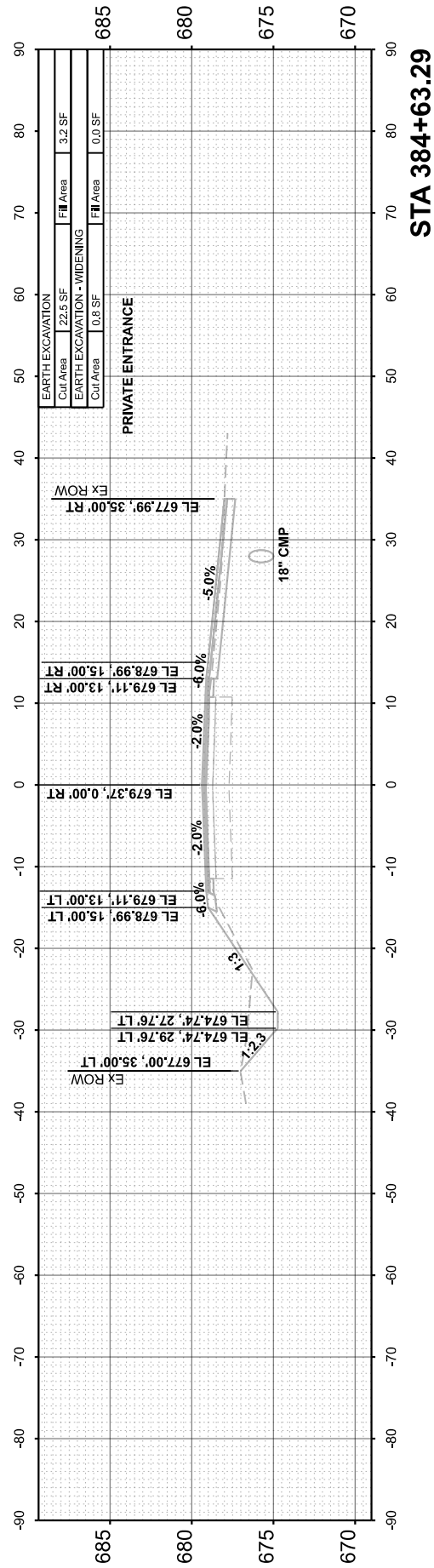
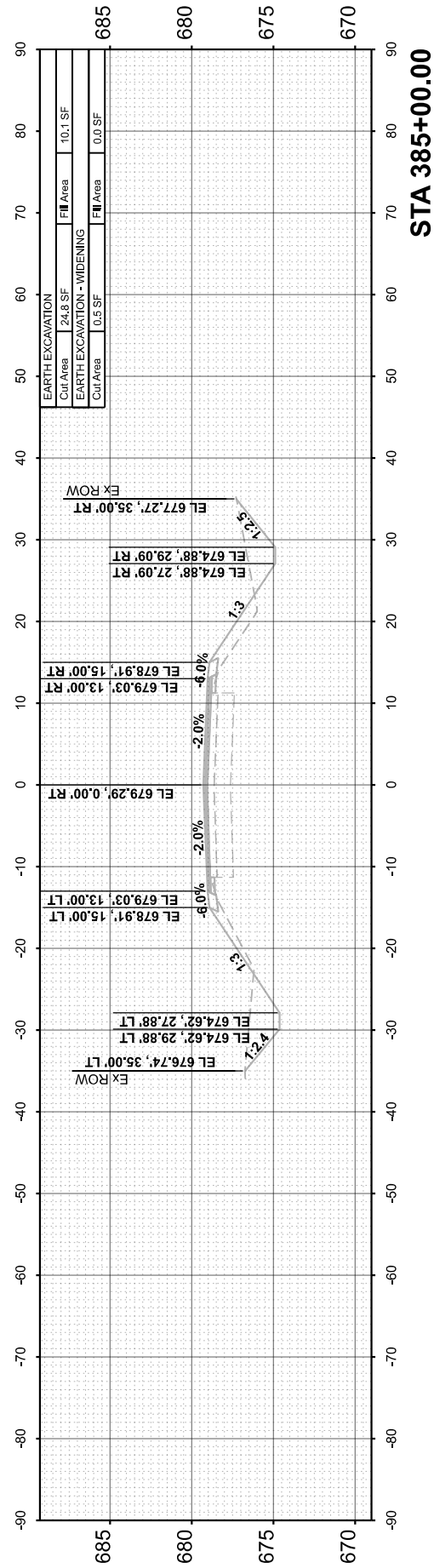
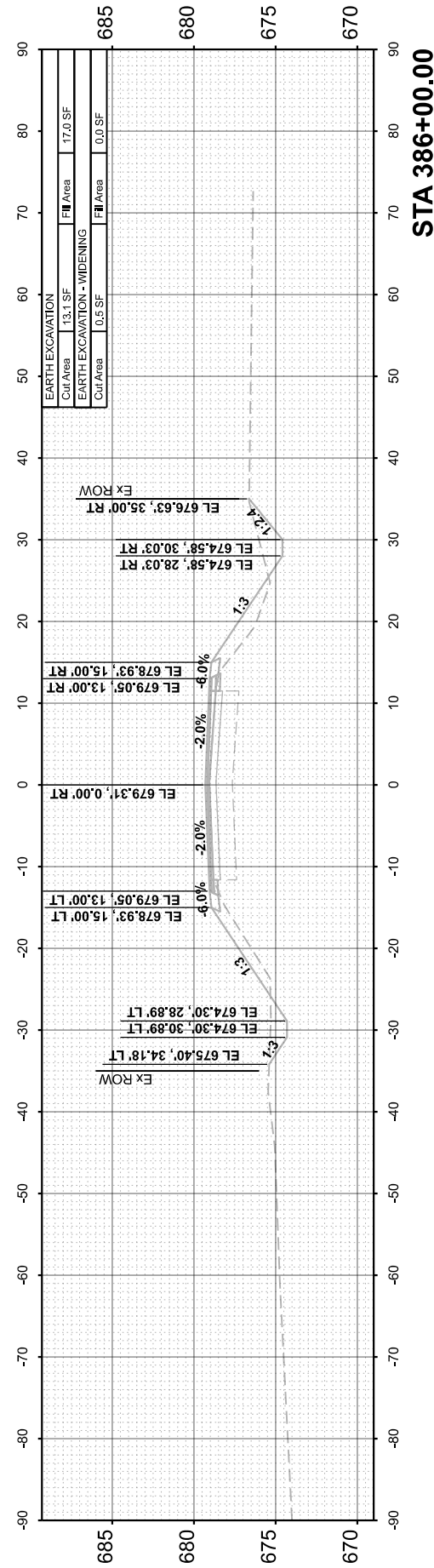
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CHECKED	-
DATE	-
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**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

**CH 15 (E 22nd RD)
 CROSS SECTIONS**

SCALE: H=10 V=5 SHEET 71 OF 118 SHEETS STA. 383+97.18

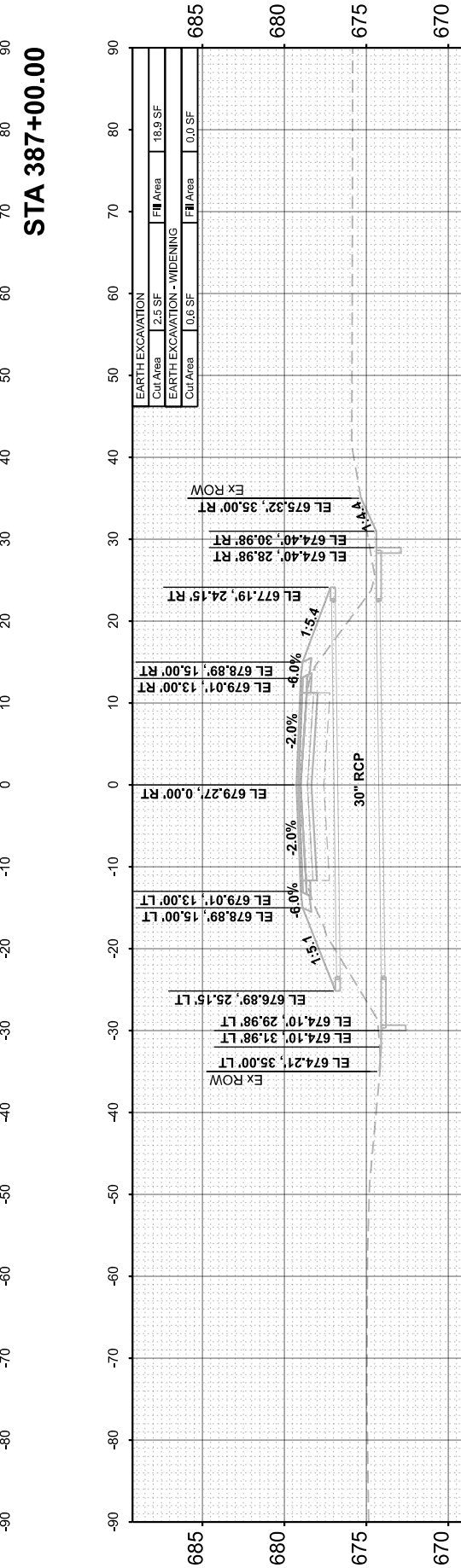
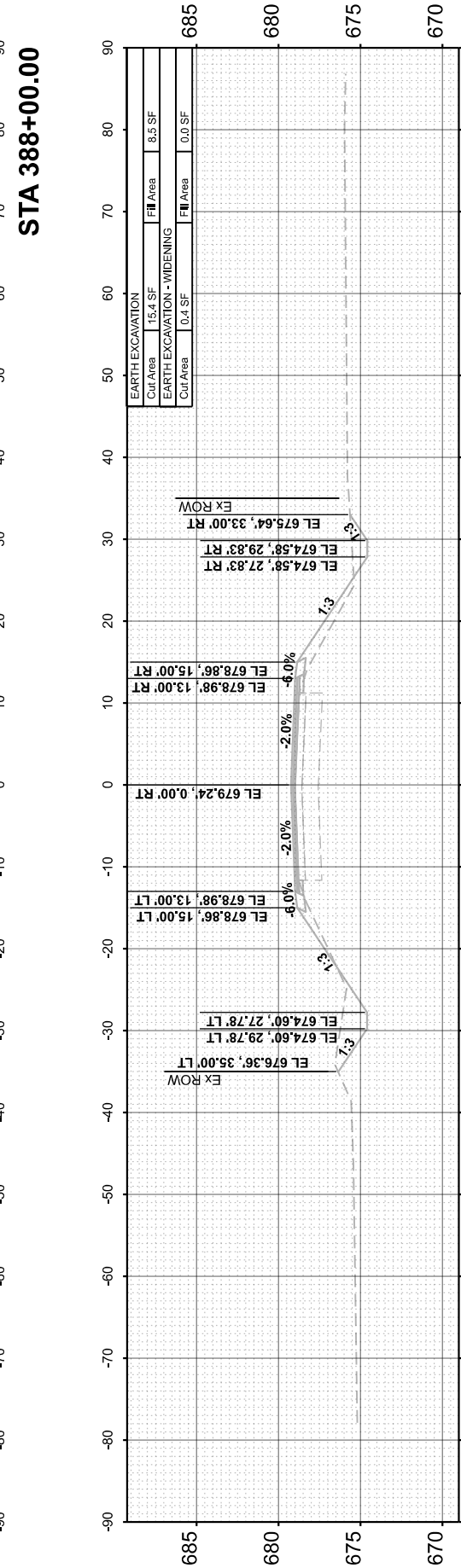
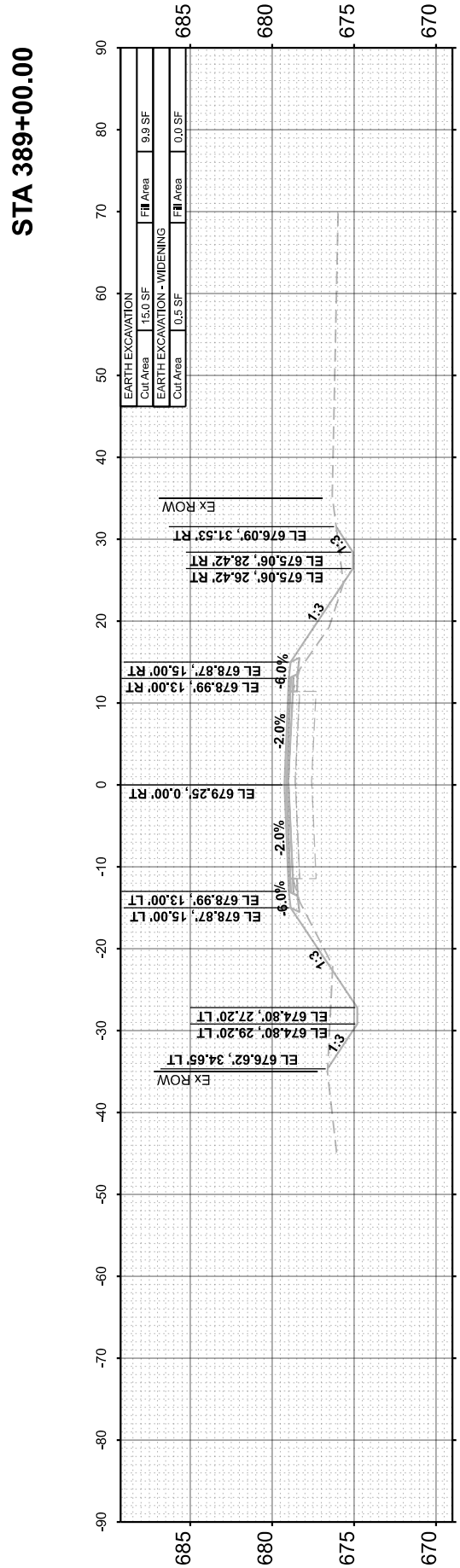
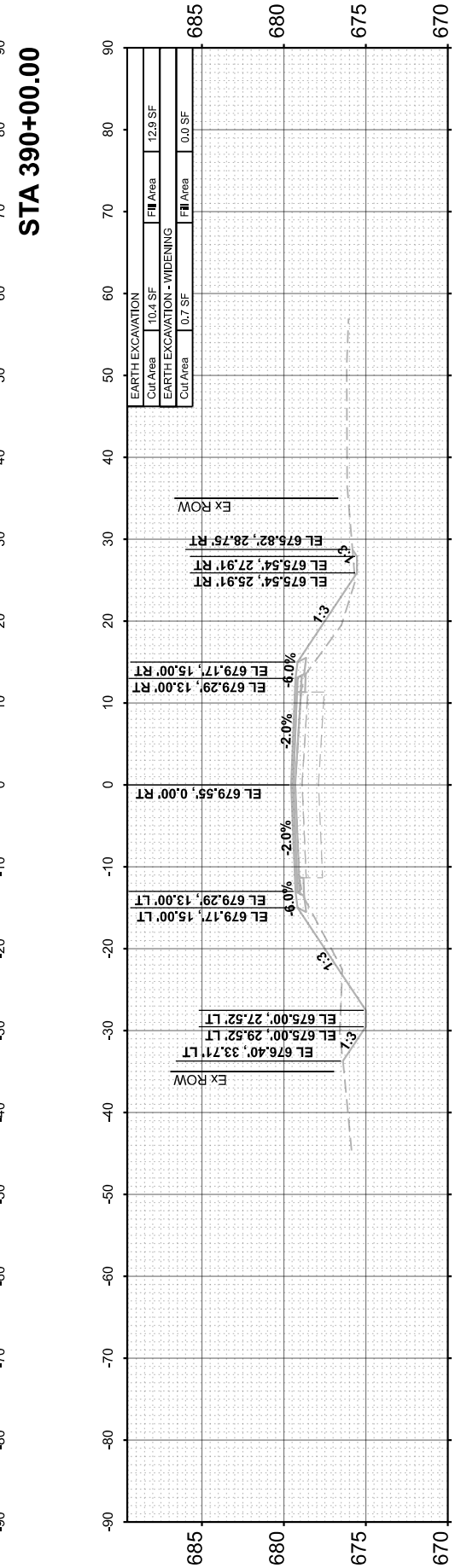
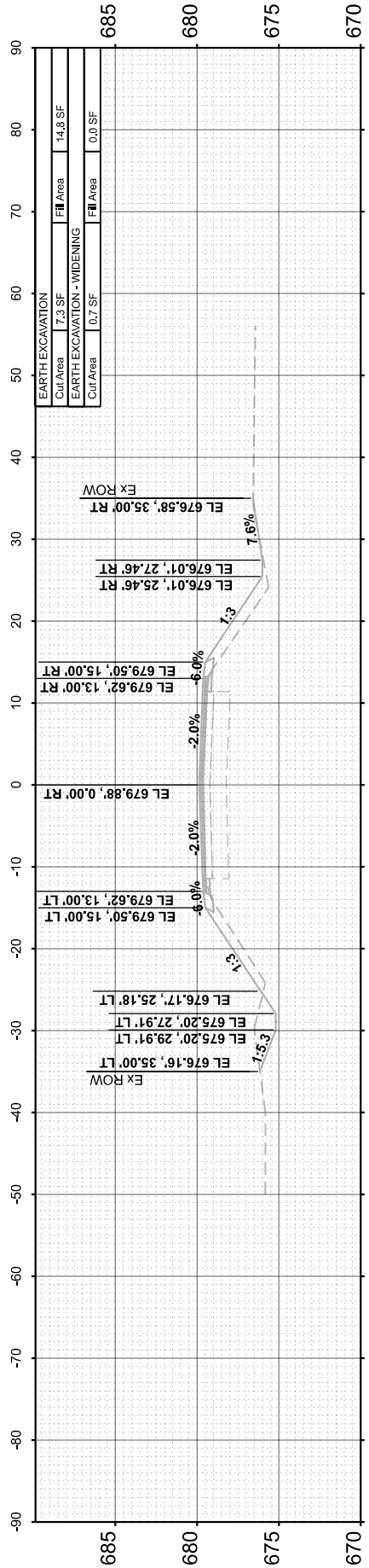
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
288	15-00351-00-WR	LASALLE	236	189
CONTRACT NO. 87801				
ILLINOIS		FED. AID PROJECT		



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

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

MODEL: EX_CH15 - 386+61.80 [Sheet]
 FILE NAME: V35001 - CH15 Design Layout Co/CADD/CADD Sheets/501-386+61-39m



Hutchison Engineering, Inc.
 Jacksonville - Moline - Peoria - Shorewood
 Since 1945

USER NAME =	BDDeCrane	DESIGNED -		REVISED -	
		DRAWN -		REVISED -	
PLOT SCALE =	0.16666633" / in.	CHECKED -		REVISED -	
PLOT DATE =	6/14/2023	DATE -		REVISED -	

**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

SCALE: H=10 V=5	SHEET 72	OF 118 SHEETS	STA. 386+61.80
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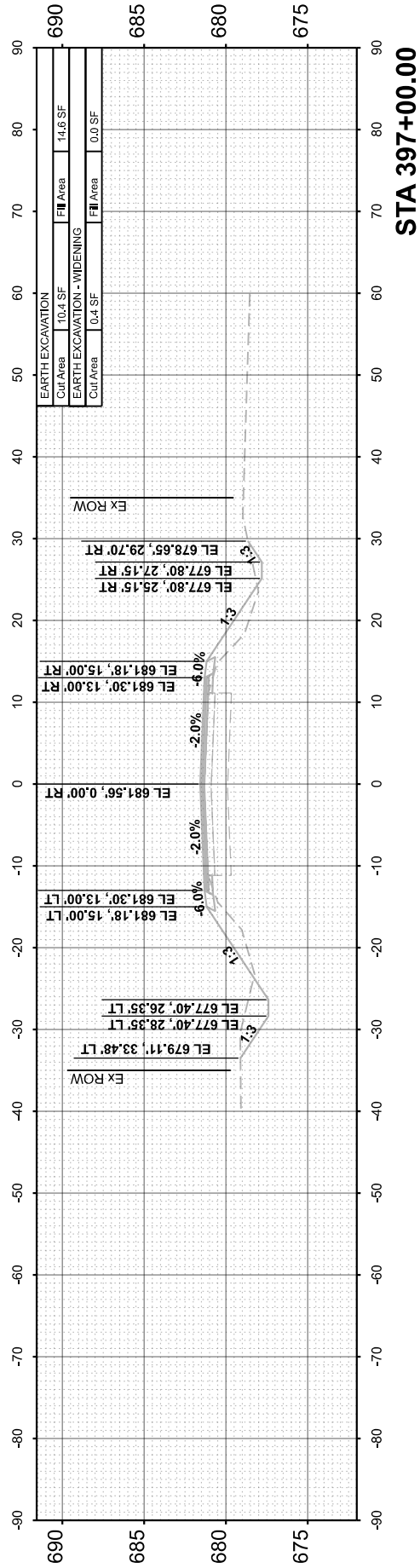
**CH 15 (E 22nd RD)
 CROSS SECTIONS**

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
288	15-00351-00-WR	LASALLE	236	190
CONTRACT NO. 87801				
ILLINOIS		FED. AID PROJECT		

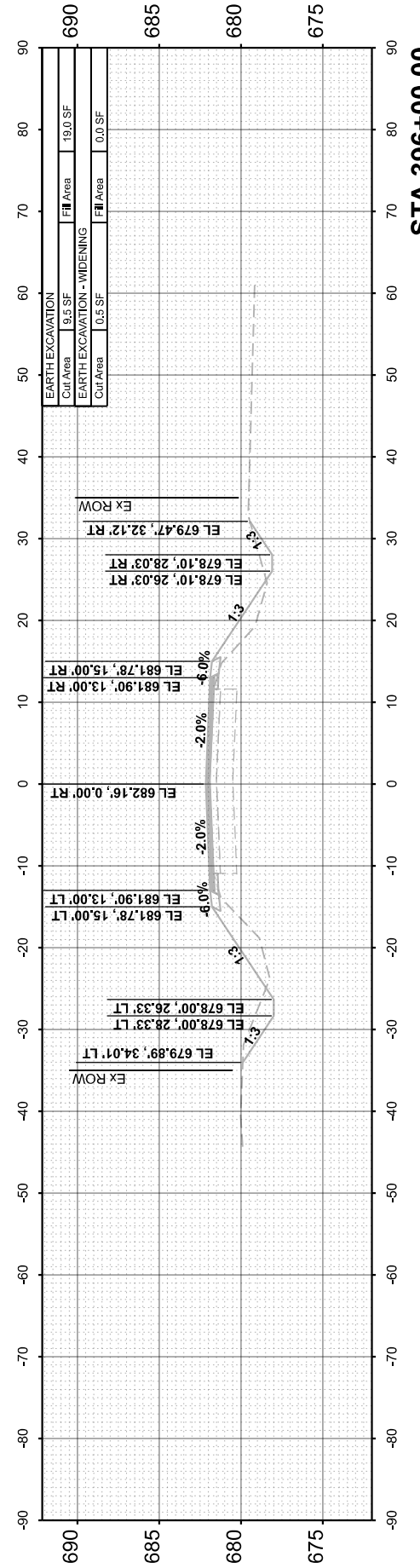
FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
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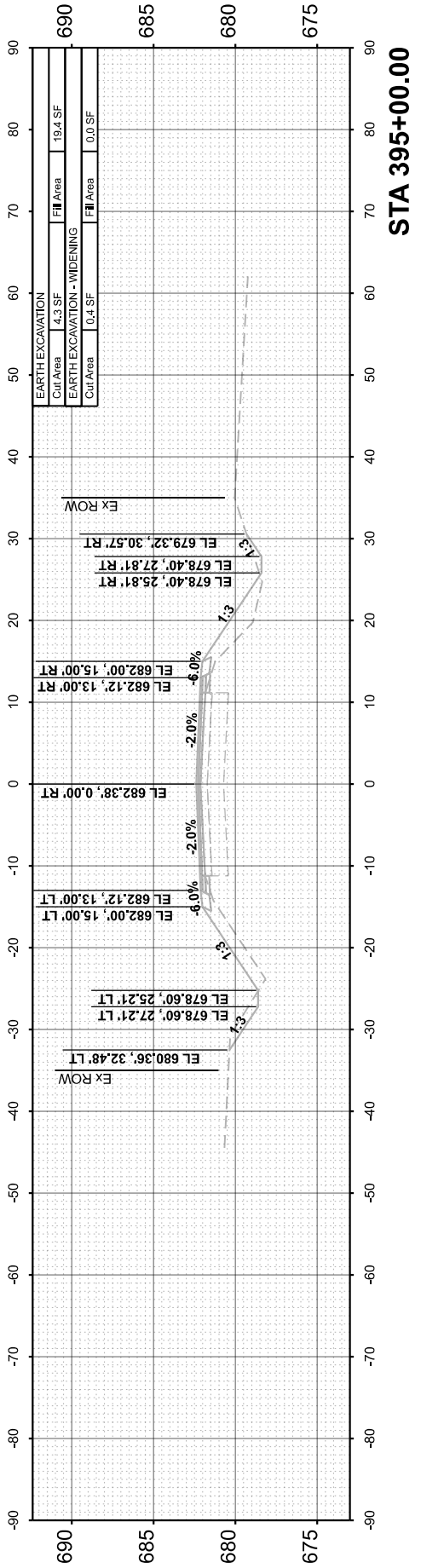
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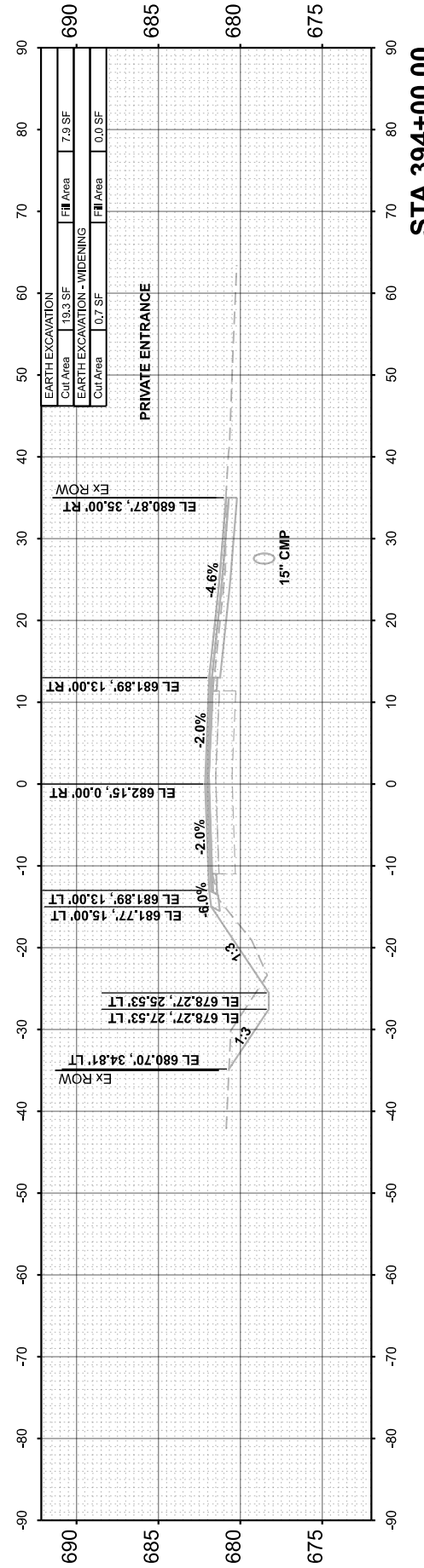
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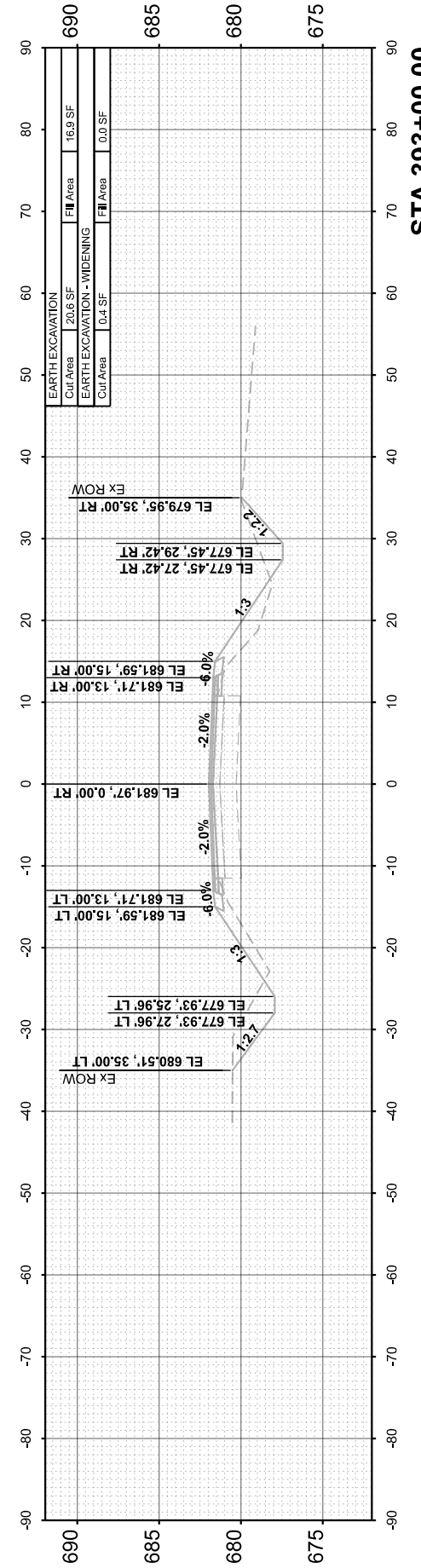
STA 396+00.00



STA 395+00.00



STA 394+00.00



STA 393+00.00

Hutchison Engineering, Inc.
 Jacksonville - Moline - Peoria - Shorewood
 Since 1945

USER NAME	= BDcraene
PLOT SCALE	= 0.16666633'' in.
PLOT DATE	= 6/14/2023

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

REVISED	-
REVISED	-
REVISED	-
REVISED	-

**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

**CH 15 (E 22nd RD)
 CROSS SECTIONS**

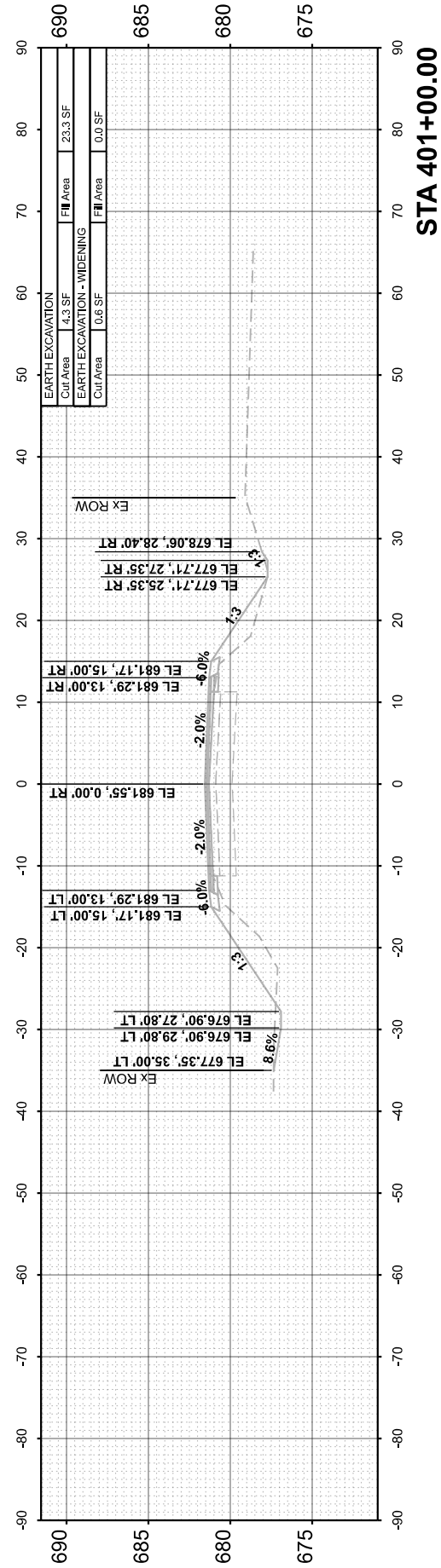
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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				CONTRACT NO. 87801
		ILLINOIS	FED. AID PROJECT	

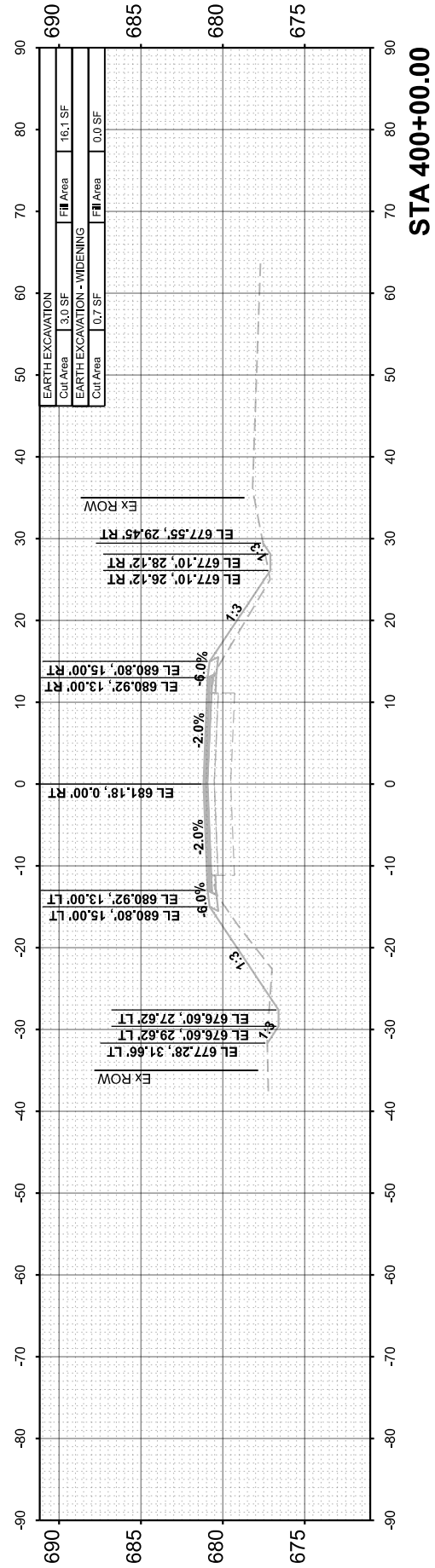
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NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		
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ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		
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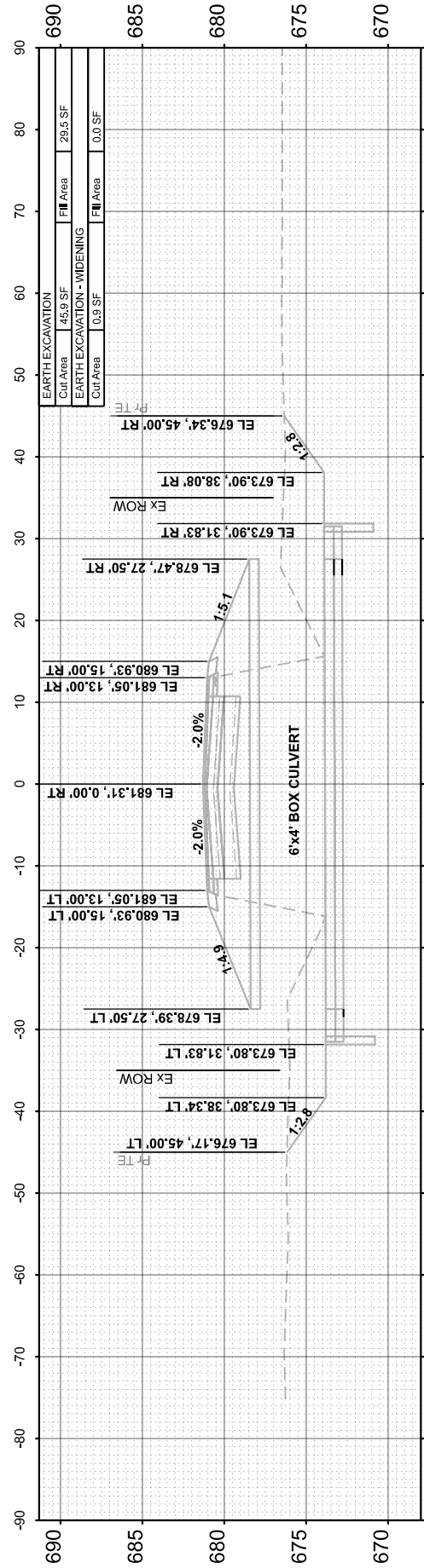
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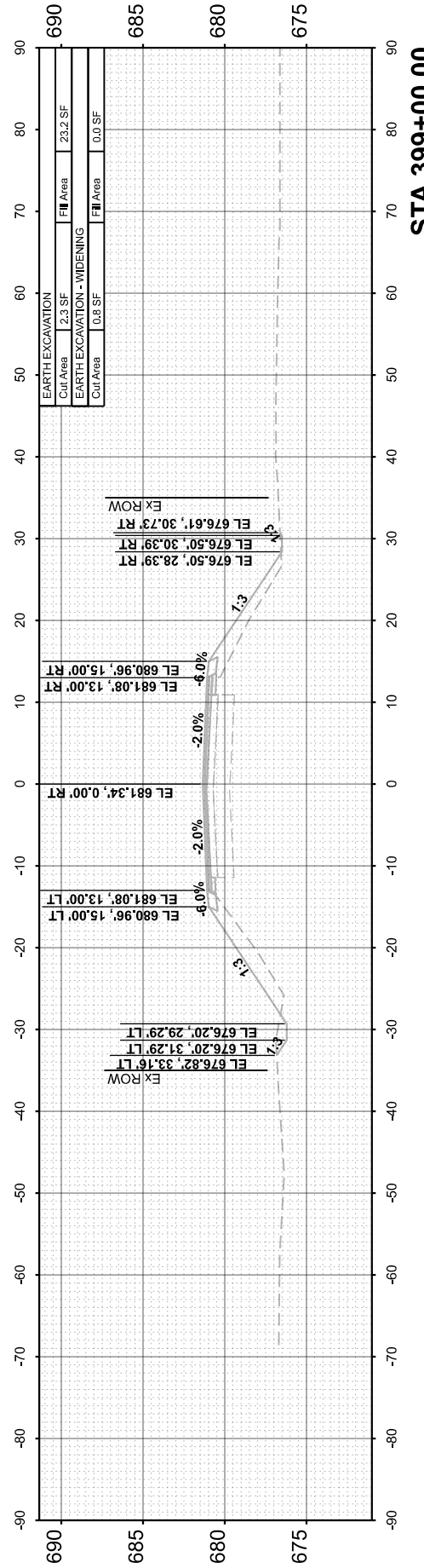
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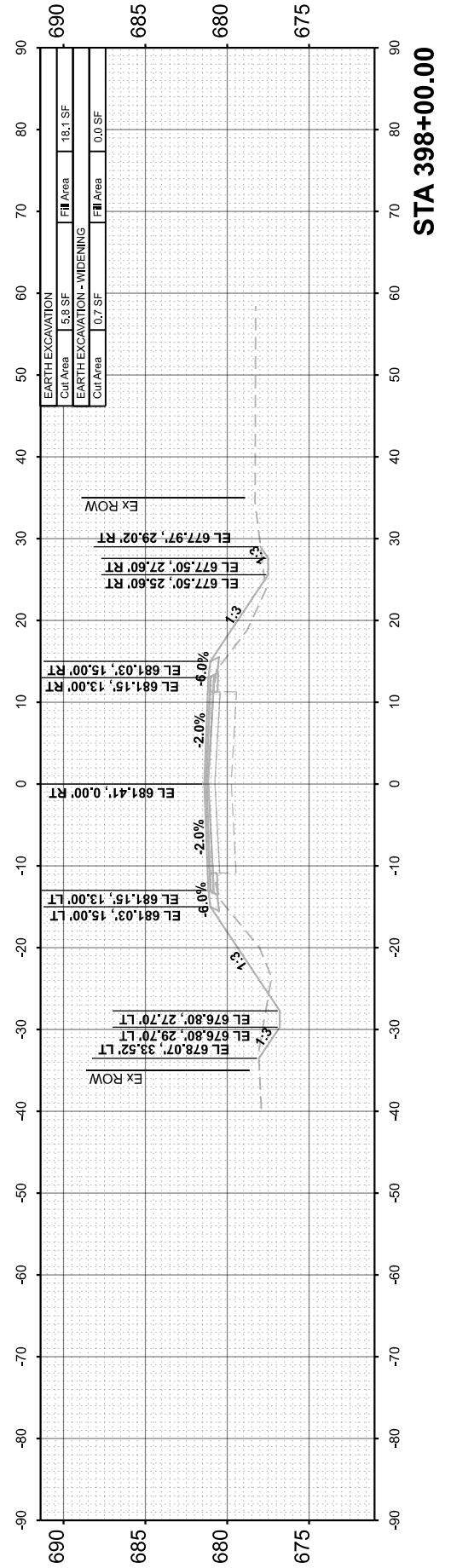
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STA 399+22.32



STA 399+00.00



STA 398+00.00

Hutchison Engineering, Inc.
 Jacksonville - Moline - Peoria - Shorewood
 Since 1945

USER NAME	= BDeCrane
DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-
PLOT SCALE	= 0.16666633'' in.
PLOT DATE	= 6/14/2023

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-
REVIS	-
REVIS	-
REVIS	-
REVIS	-

**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

**CH 15 (E 22nd RD)
 CROSS SECTIONS**

SCALE: H=10 V=5 SHEET 75 OF 118 SHEETS STA. 398+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
288	15-00351-00-WR	LASALLE	236	193
				CONTRACT NO. 87801
		ILLINOIS	FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

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 FILE NAME: V35001 - CH15 Design Layout Co/CADD/CADD Sheets/501 - str/csc-cp-3.dgn

Hutchison Engineering, Inc.
 Jacksonville - Moline - Peoria - Shorewood
 Since 1945

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DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-
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PLOT DATE	= 6/14/2023

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

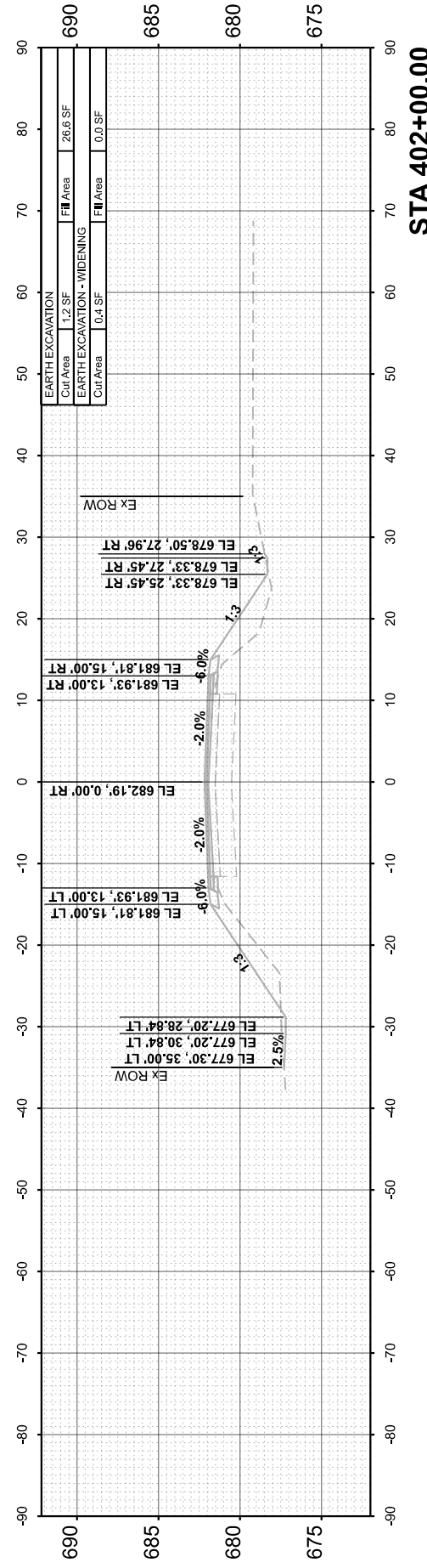
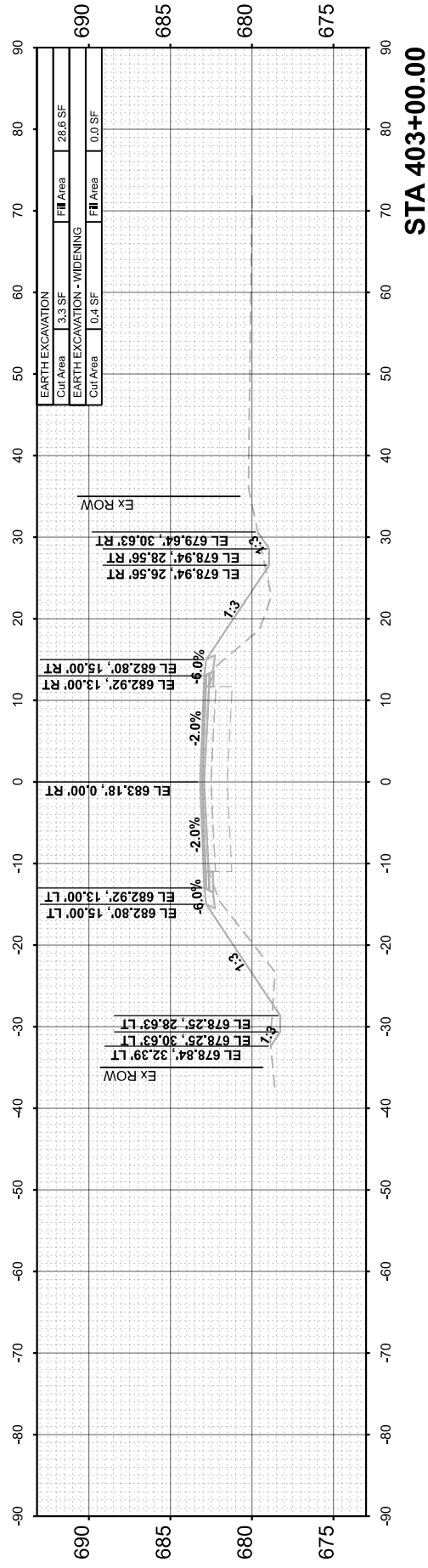
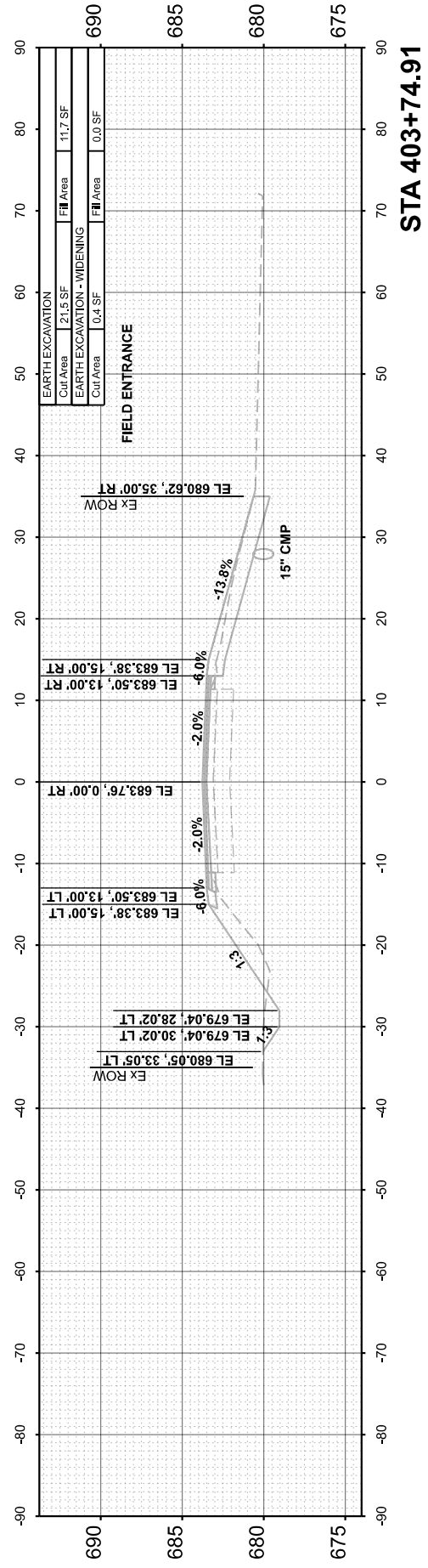
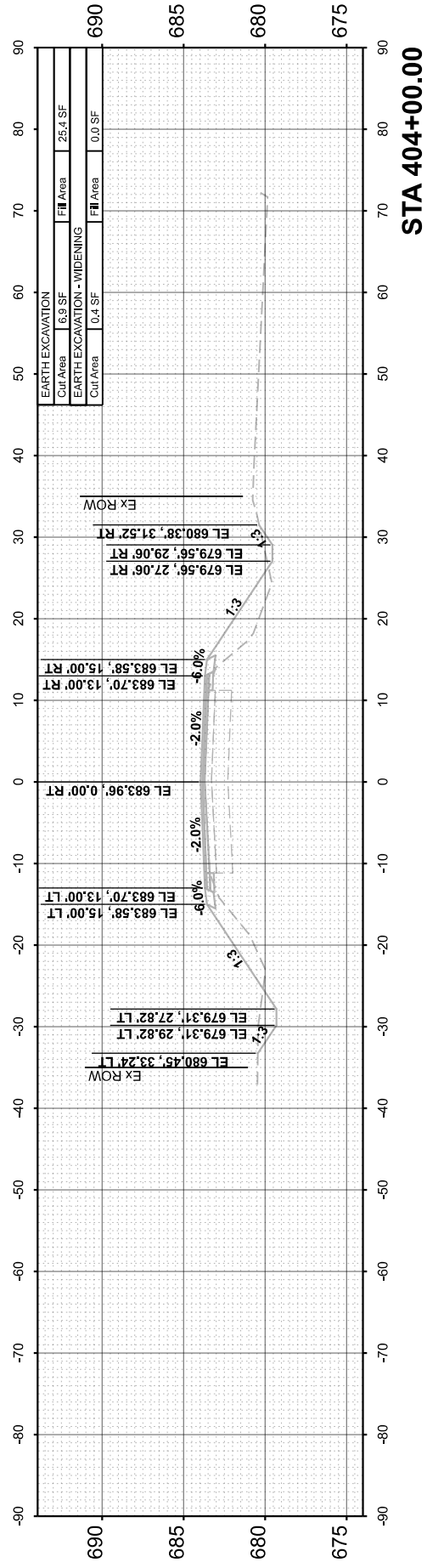
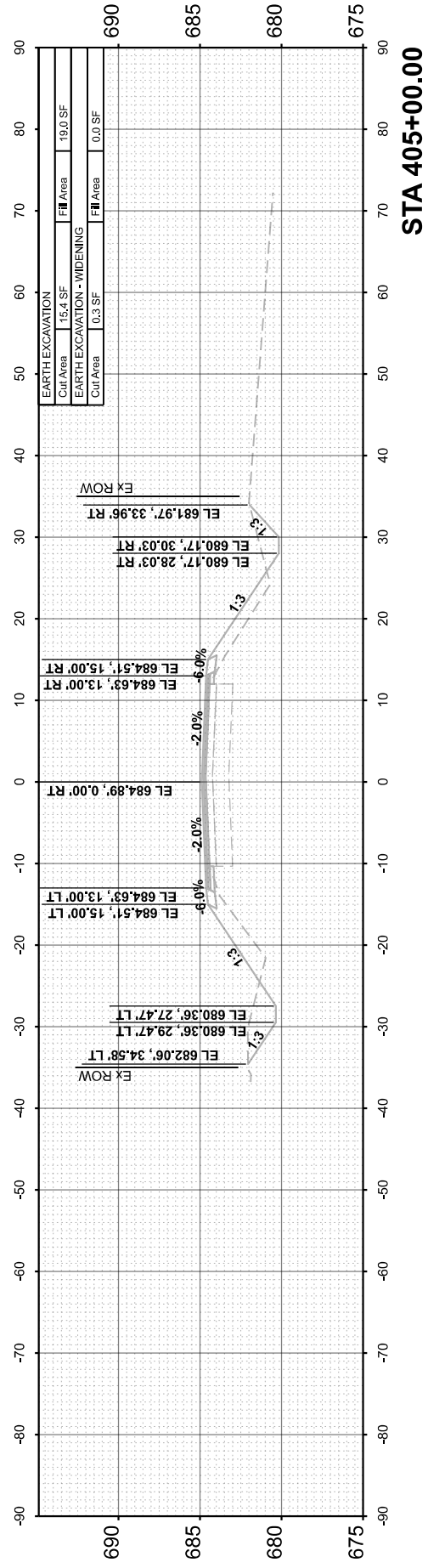
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REVISED	-
REVISED	-
REVISED	-

**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

**CH 15 (E 22nd RD)
 CROSS SECTIONS**

SCALE: H=10 V=5 SHEET 76 OF 118 SHEETS STA. 402+00.00

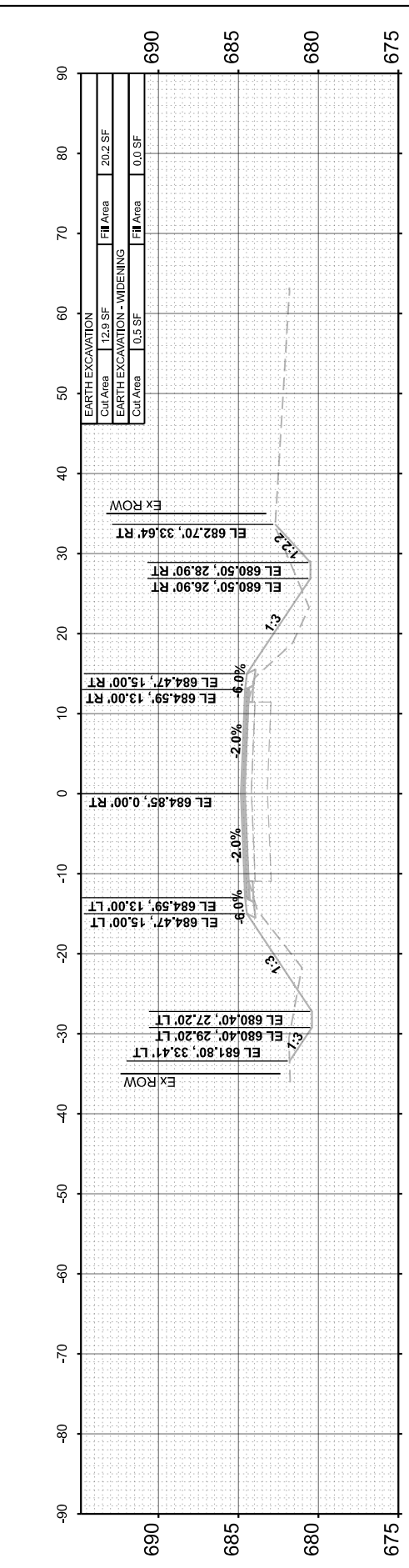
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
288	15-00351-00-WR	LASALLE	236	194
				CONTRACT NO. 87801
		ILLINOIS	FED. AID PROJECT	



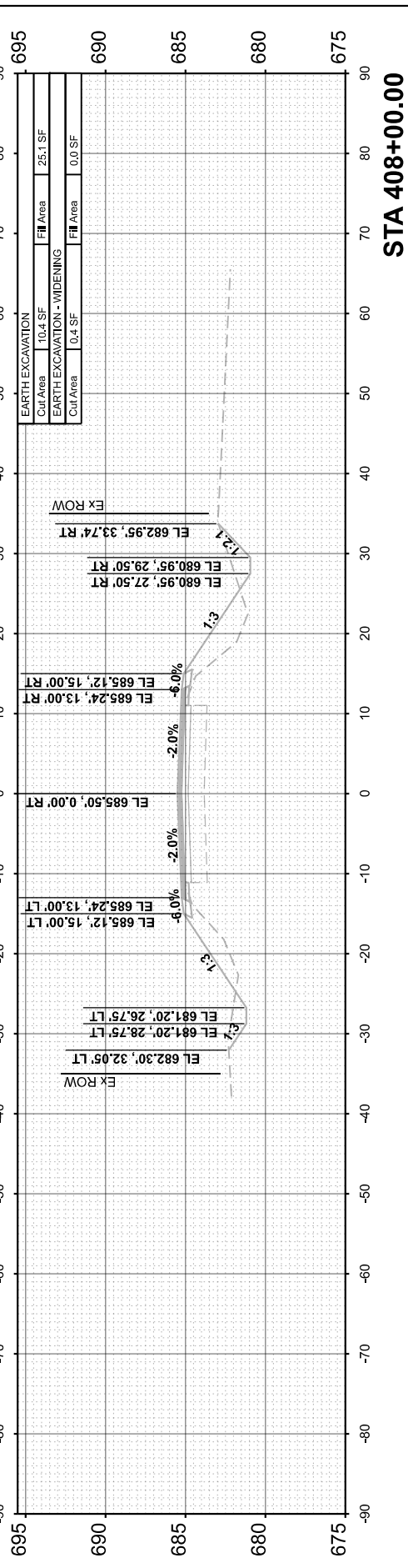
FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		
	AREAS CHECKED		

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

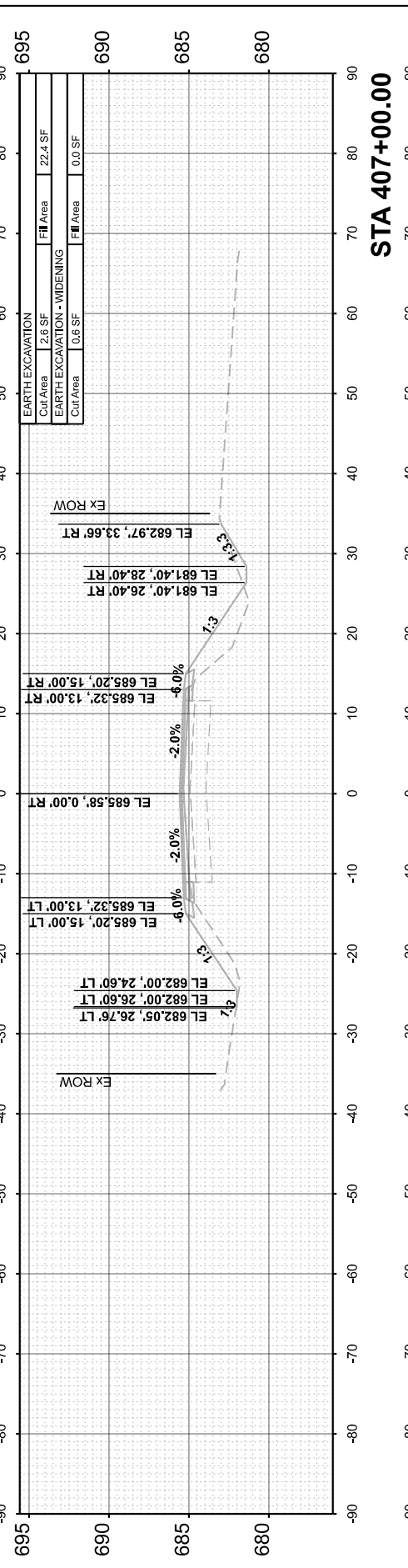
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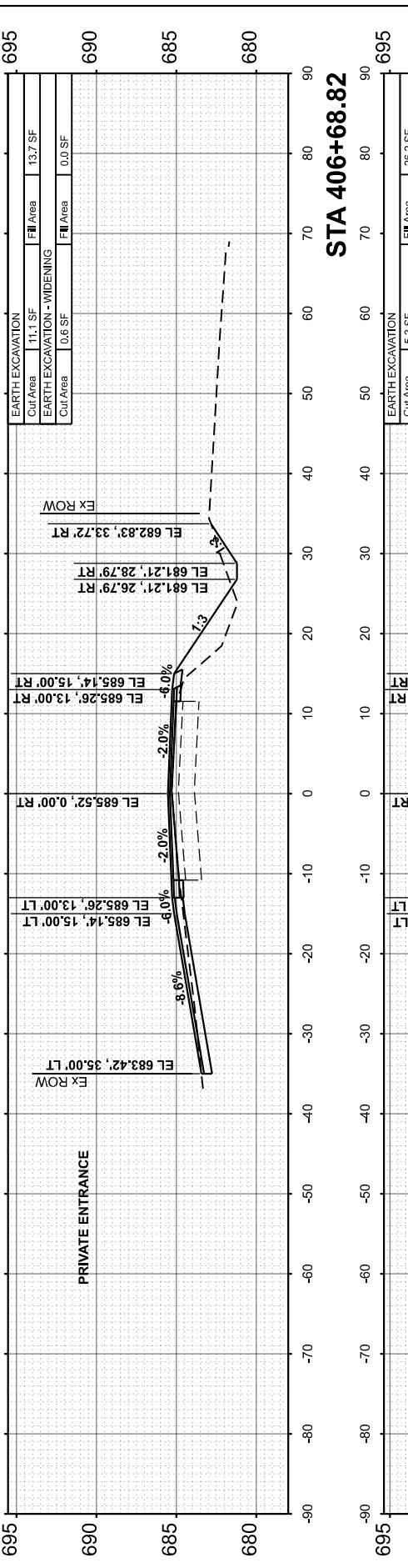
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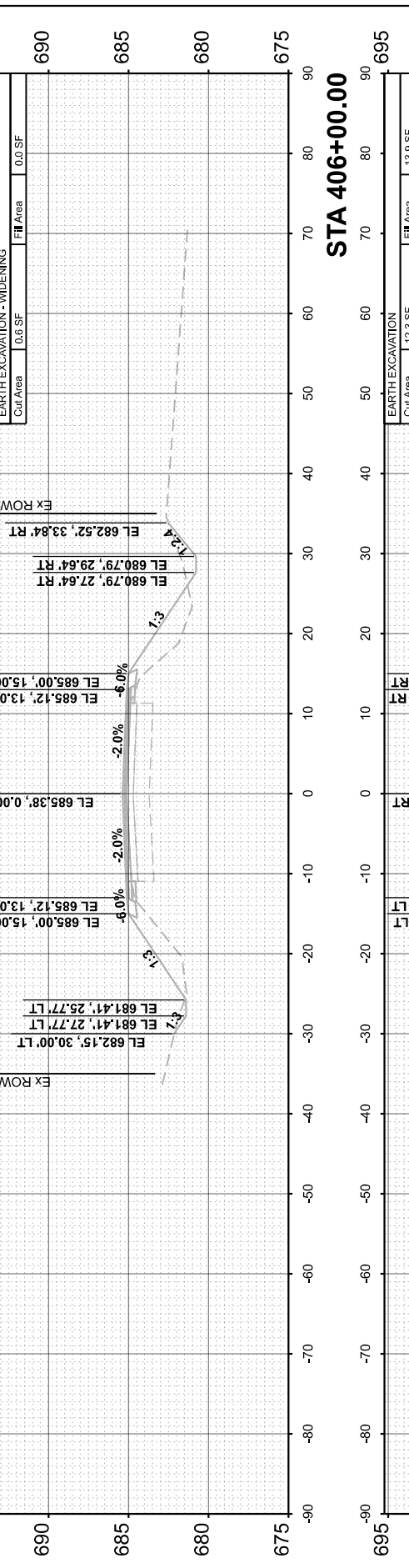
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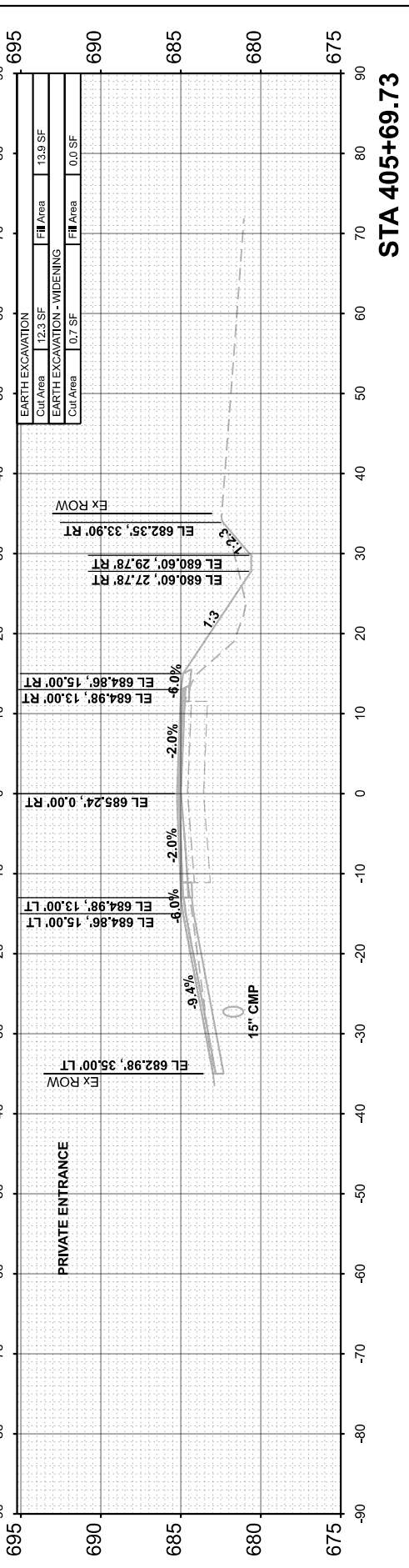
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STA 406+68.82



STA 406+00.00



STA 405+69.73

Hutchison Engineering, Inc.
 Jacksonville - Moline - Peoria - Shorewood
 Since 1945

USER NAME	= BDcraene
PLOT SCALE	= 0.16666633' / in.
PLOT DATE	= 6/14/2023

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

REVISED	-
REVISED	-
REVISED	-
REVISED	-

**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

SCALE: H=10 V=5	SHEET 77	OF 118 SHEETS	STA. 405+69.73
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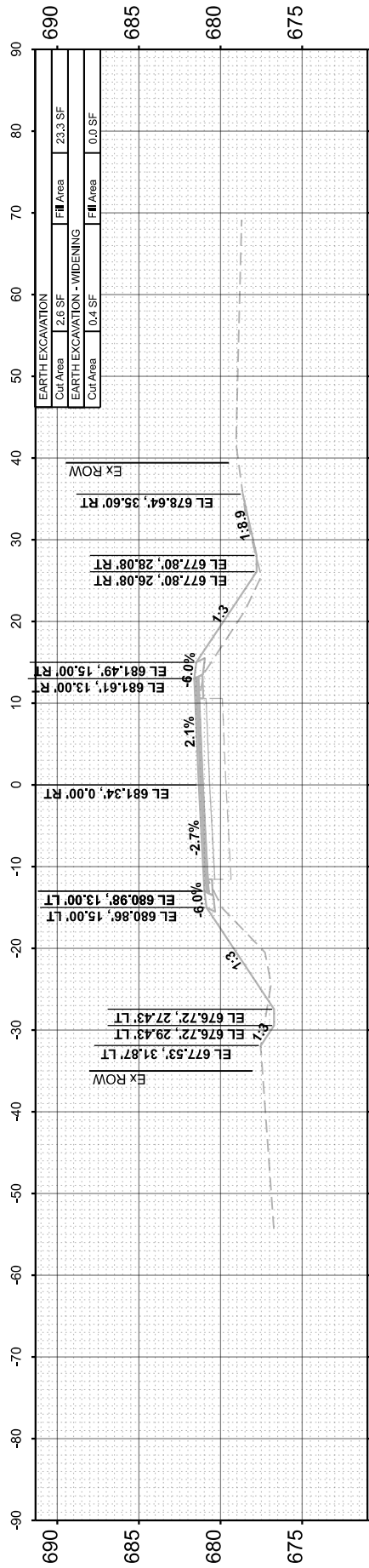
**CH 15 (E 22nd RD)
 CROSS SECTIONS**

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
288	15-00351-00-WR	LASALLE	236	195
				CONTRACT NO. 87801
		ILLINOIS	FED. AID PROJECT	

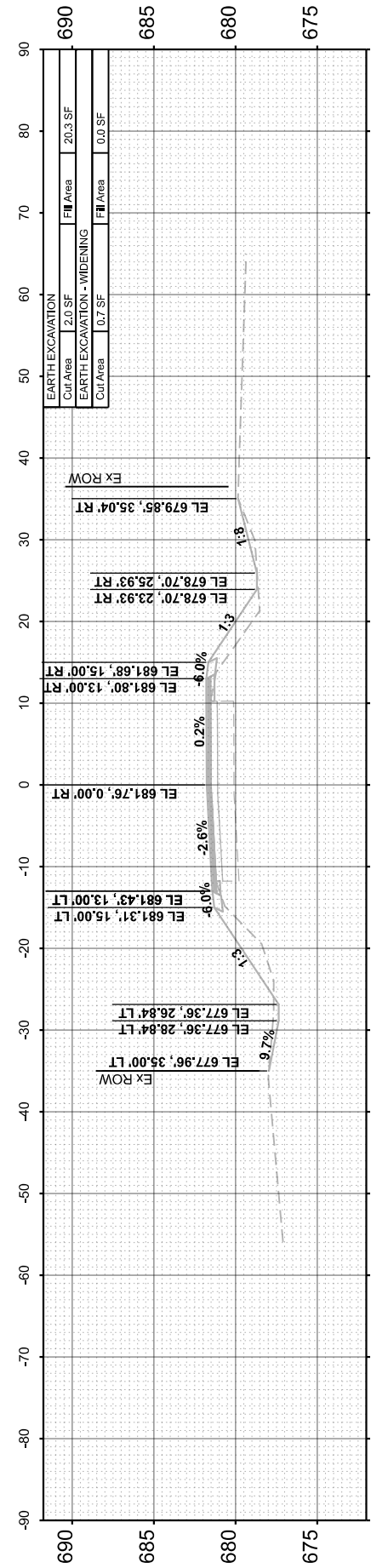
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NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		
	AREAS CHECKED		

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

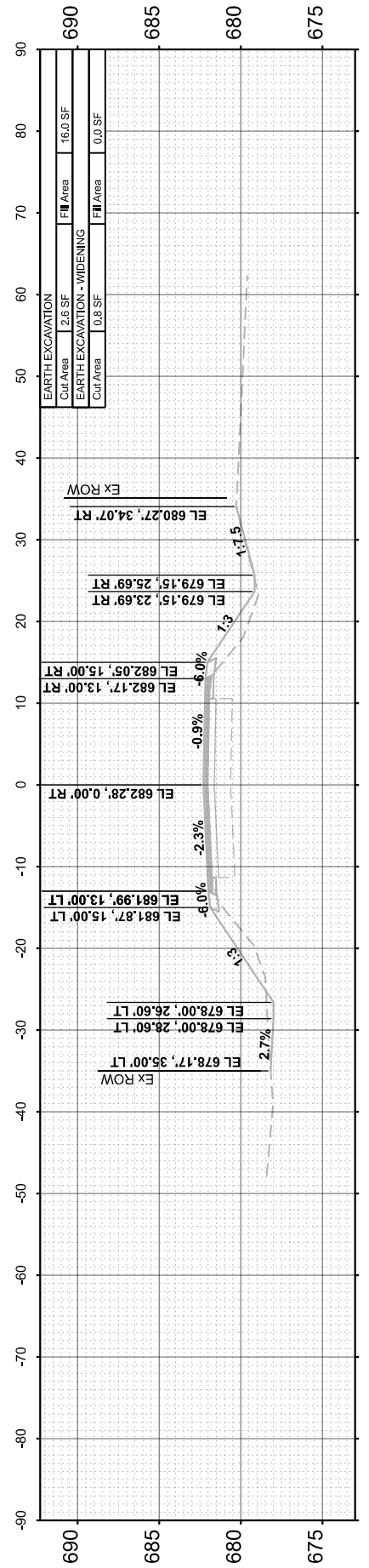
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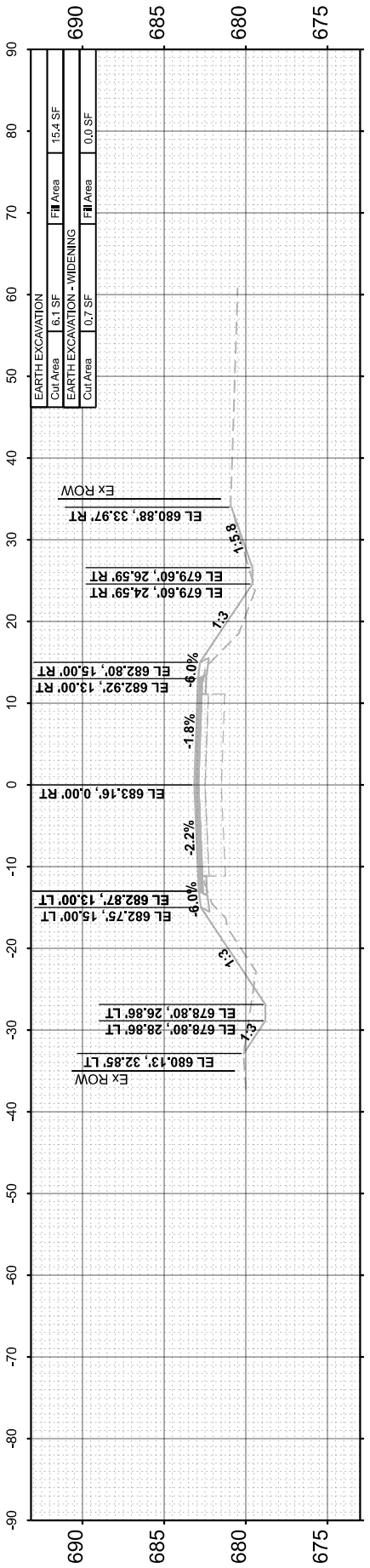
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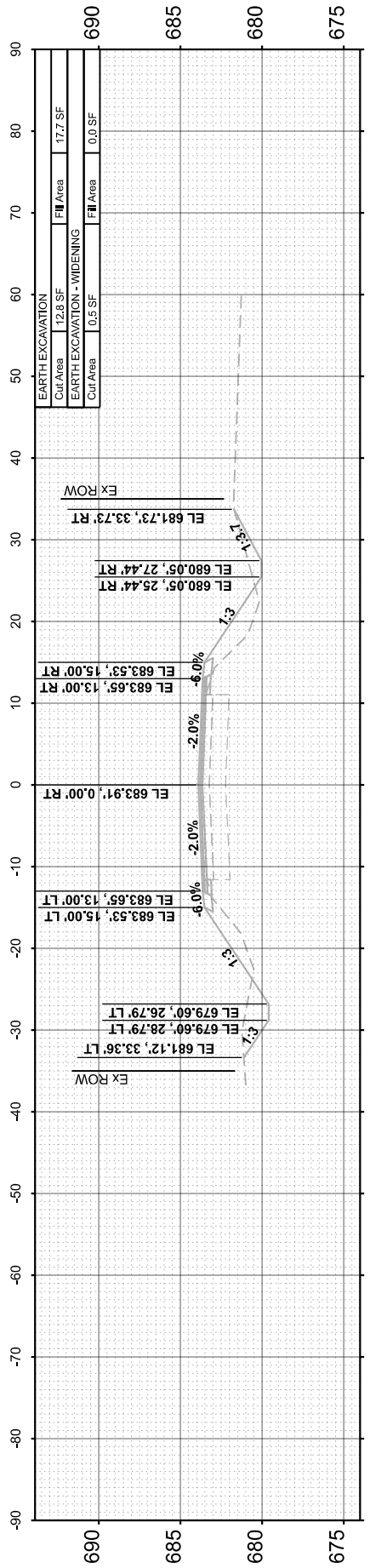
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STA 411+00.00



STA 410+00.00

Hutchison Engineering, Inc.
 Jacksonville - Moline - Peoria - Shorewood
 Since 1945

USER NAME	= BDcraene
PLOT SCALE	= 0.16666633''/in.
PLOT DATE	= 6/14/2023

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

REVISED	-
REVISED	-
REVISED	-
REVISED	-

**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

**CH 15 (E 22nd RD)
 CROSS SECTIONS**

SCALE: H=10 V=5 SHEET 78 OF 118 SHEETS STA. 410+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
288	15-00351-00-WR	LASALLE	236	196
CONTRACT NO. 87801				
ILLINOIS FED. AID PROJECT				

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

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

MODEL: EX_CH15 - 415+00.00 [Sheet]
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Hutchison Engineering, Inc.
 Jacksonville - Moline - Peoria - Shorewood
 Since 1945

USER NAME	= BDeCrane
DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-
PLOT SCALE	= 0.16666633''/in.
PLOT DATE	= 6/14/2023

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

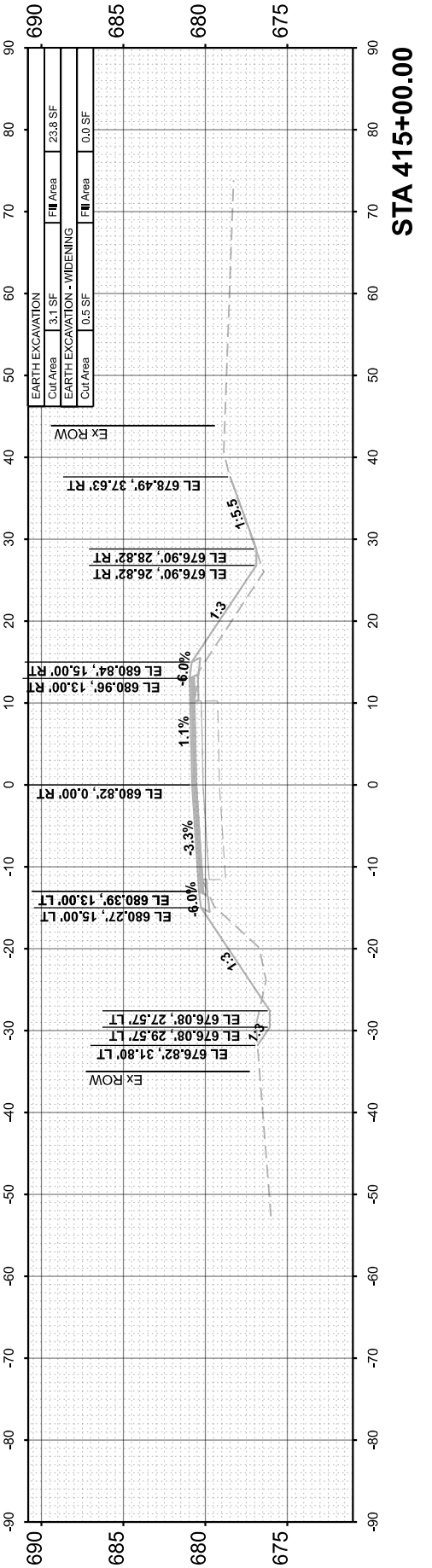
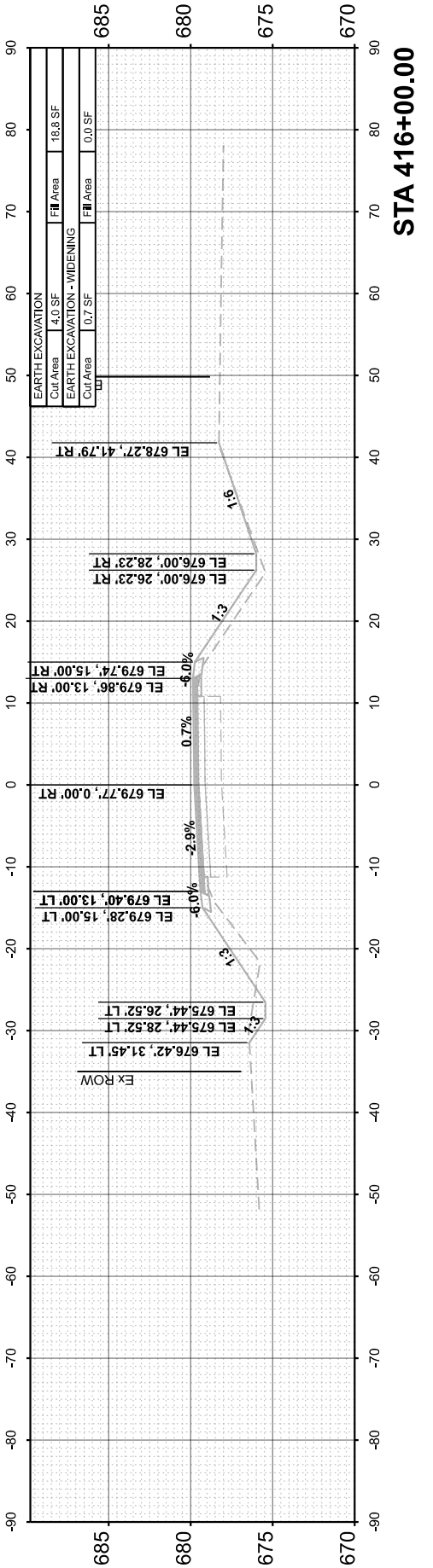
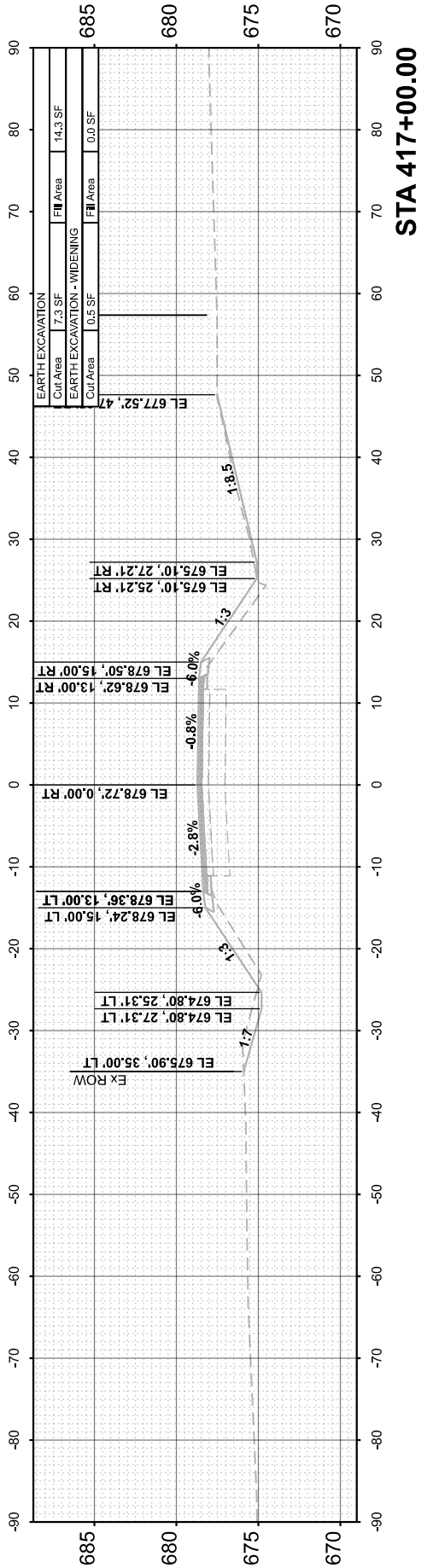
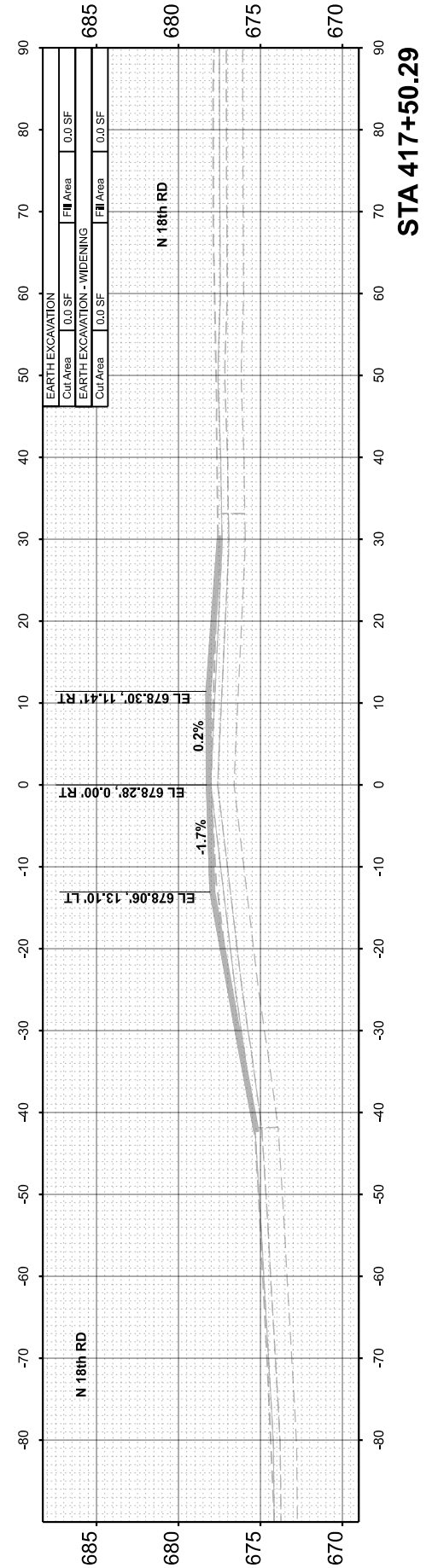
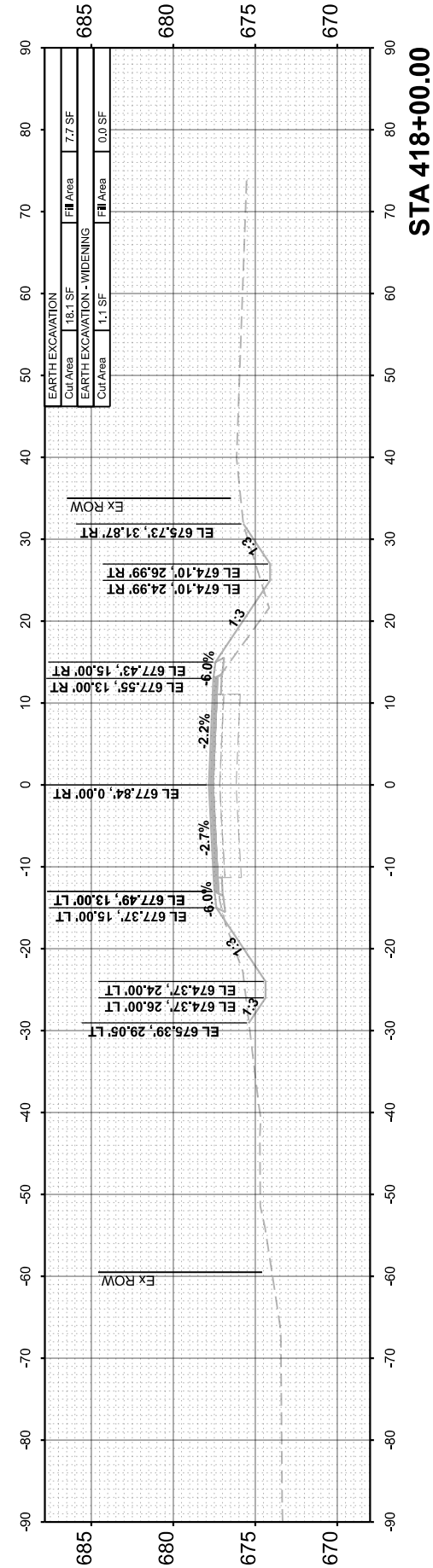
REVISED	-
REVISED	-
REVISED	-
REVISED	-

**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

SCALE: H=10 V=5	SHEET 79	OF 118 SHEETS	STA. 415+00.00
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**CH 15 (E 22nd RD)
 CROSS SECTIONS**

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
288	15-00351-00-WR	LASALLE	236	197
				CONTRACT NO. 87801
		ILLINOIS	FED. AID PROJECT	



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

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

MODEL: EX_CH15 - 419+00.00 [Sheet]
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Hutchison Engineering, Inc.
 Jacksonville - Moline - Peoria - Shorewood
 Since 1945

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DRAWN	-
CHECKED	-
DATE	-
PLOT SCALE	= 0.16666633'' in.
PLOT DATE	= 6/14/2023

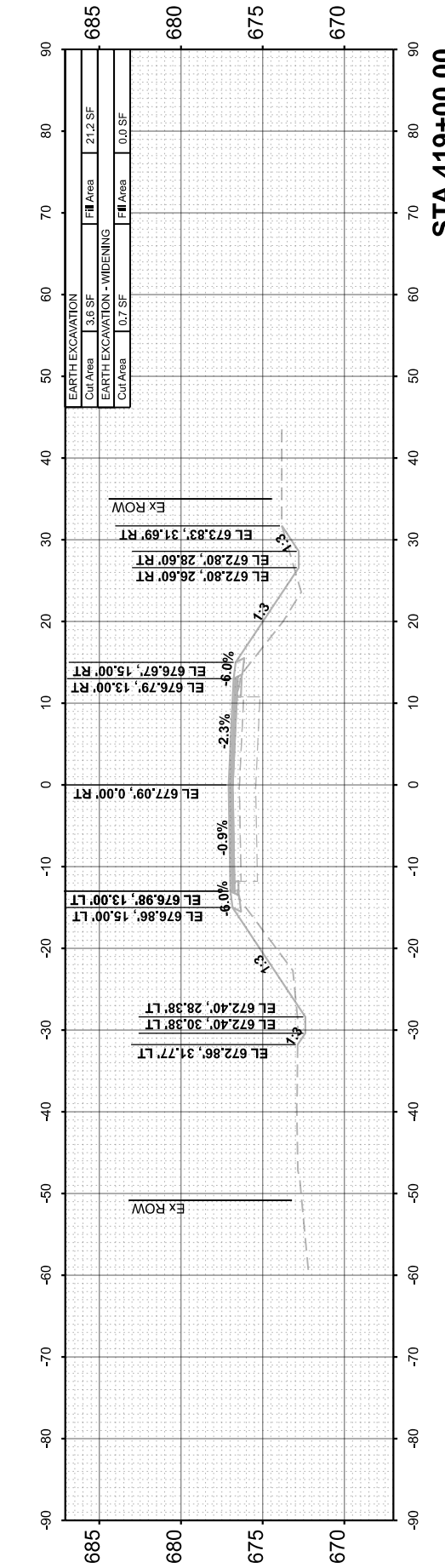
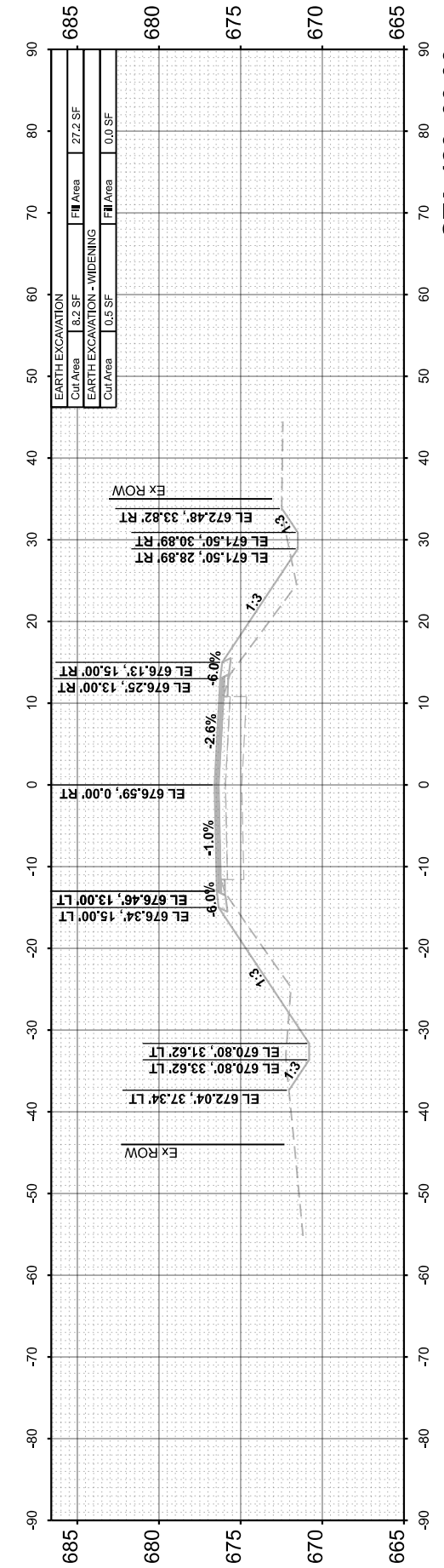
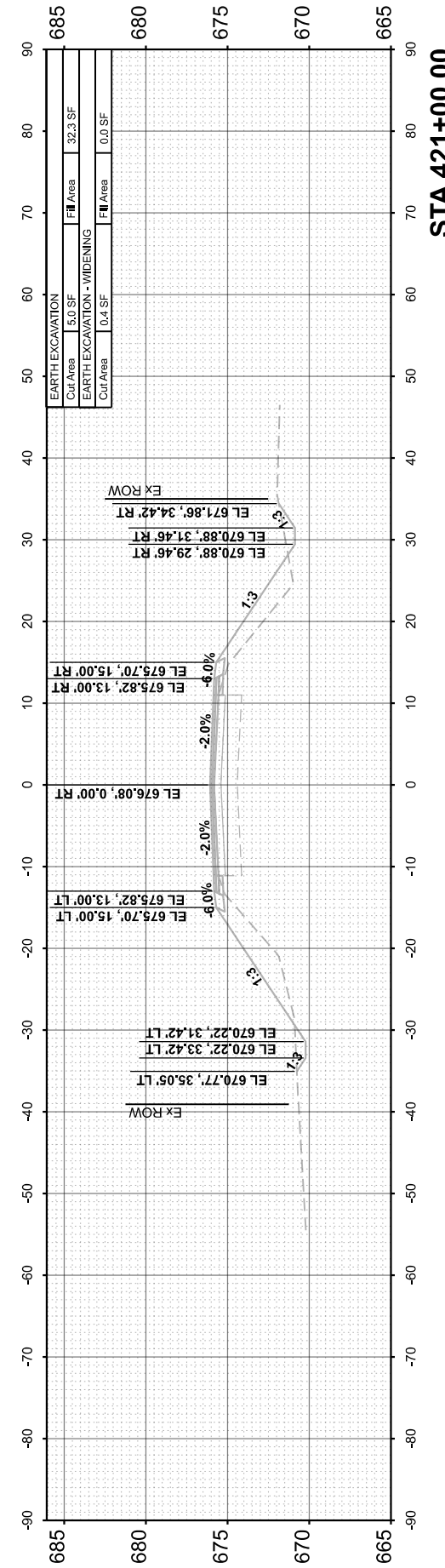
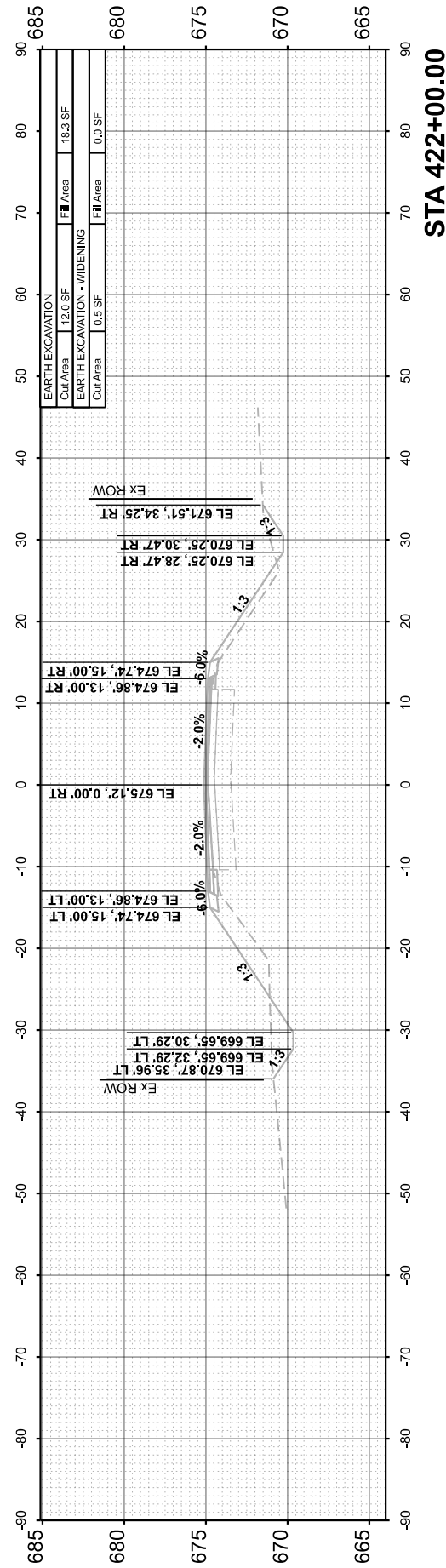
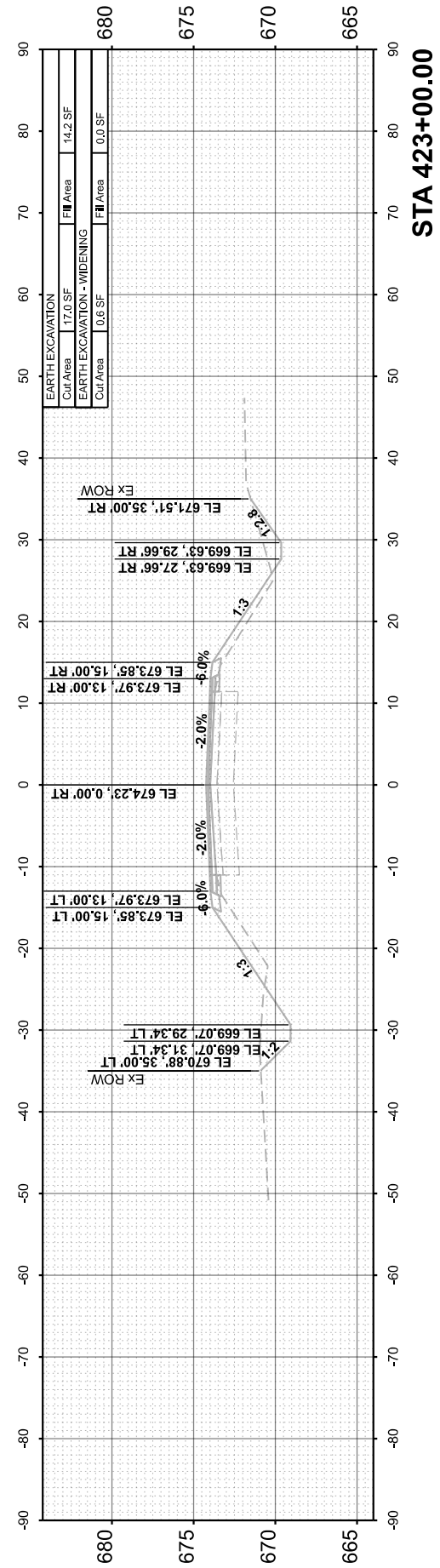
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DATE	-
REVISED	-
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REVISED	-
REVISED	-

**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

**CH 15 (E 22nd RD)
 CROSS SECTIONS**

SCALE: H=10 V=5 SHEET 80 OF 118 SHEETS STA. 419+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
288	15-00351-00-WR	LASALLE	236	198
				CONTRACT NO. 87801
		ILLINOIS	FED. AID PROJECT	



FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

MODEL: EX_CH15 - 424+00.00 (Sheet)
 FILE NAME: V35001 - CH15 Design Layout Co/CADD/CADD Sheets/500 - str/csc-c03-39gn

Hutchison Engineering, Inc.
 Jacksonville - Moline - Peoria - Shorewood
 Since 1945

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CHECKED	-
DATE	-
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PLOT DATE	= 6/14/2023

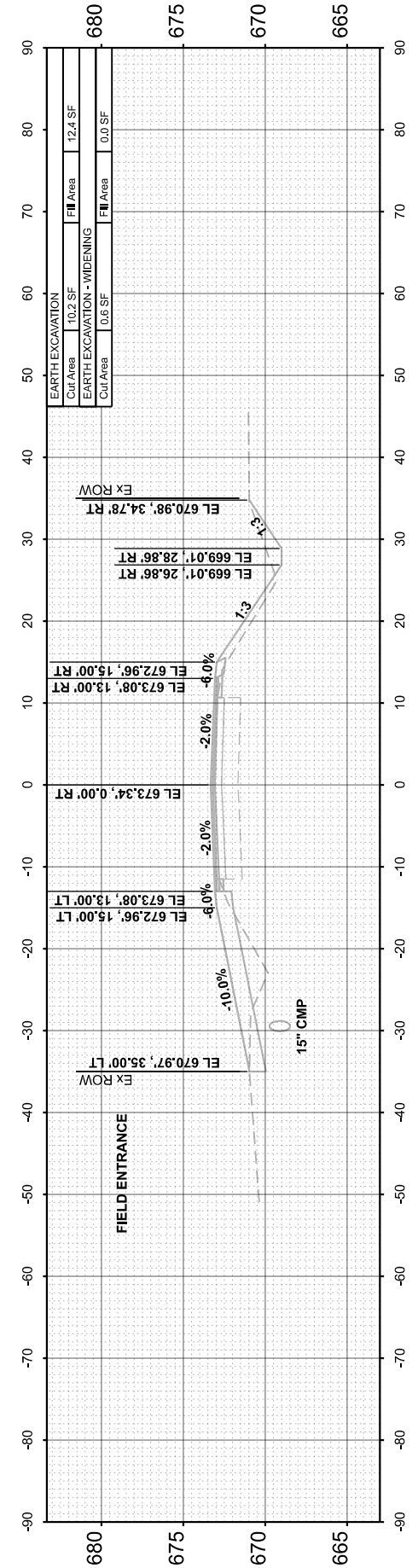
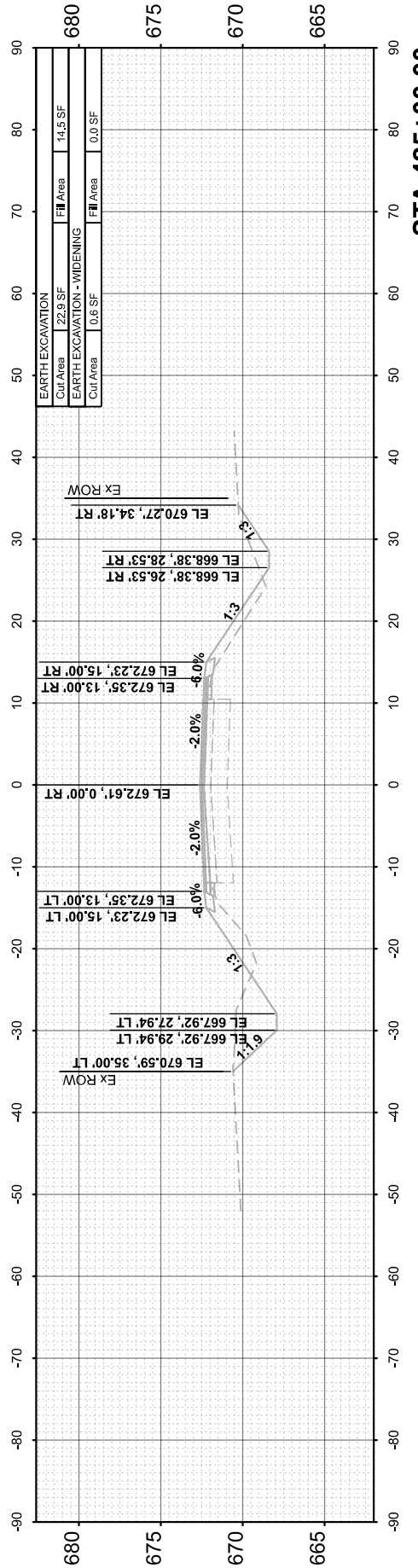
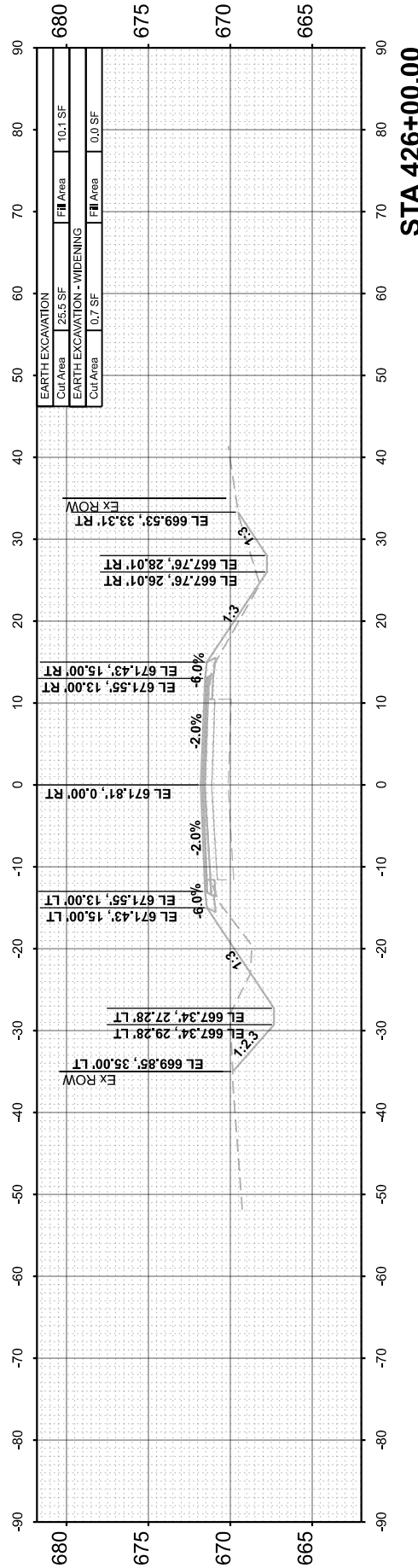
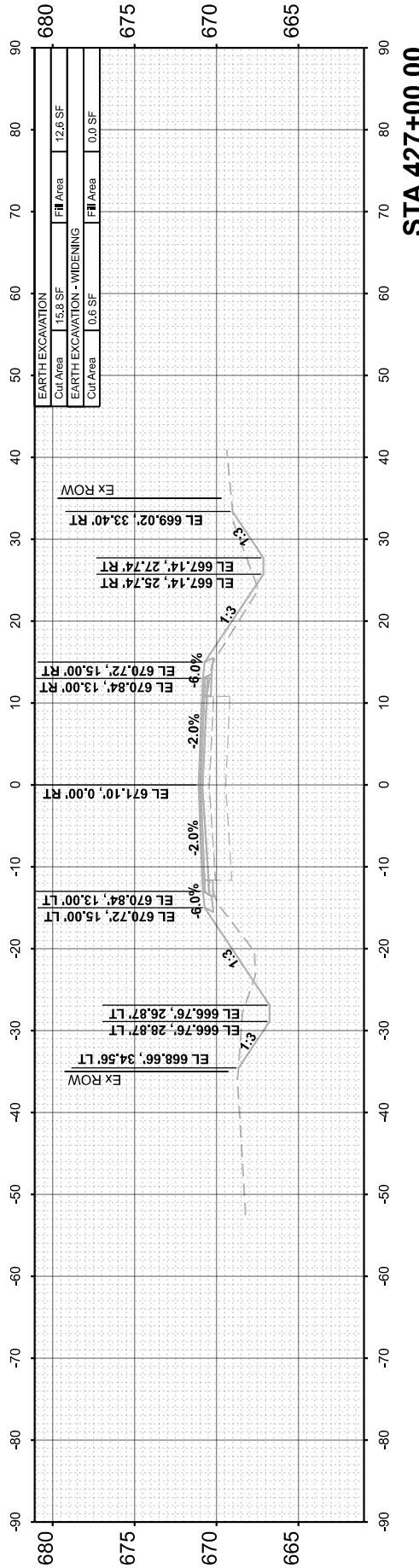
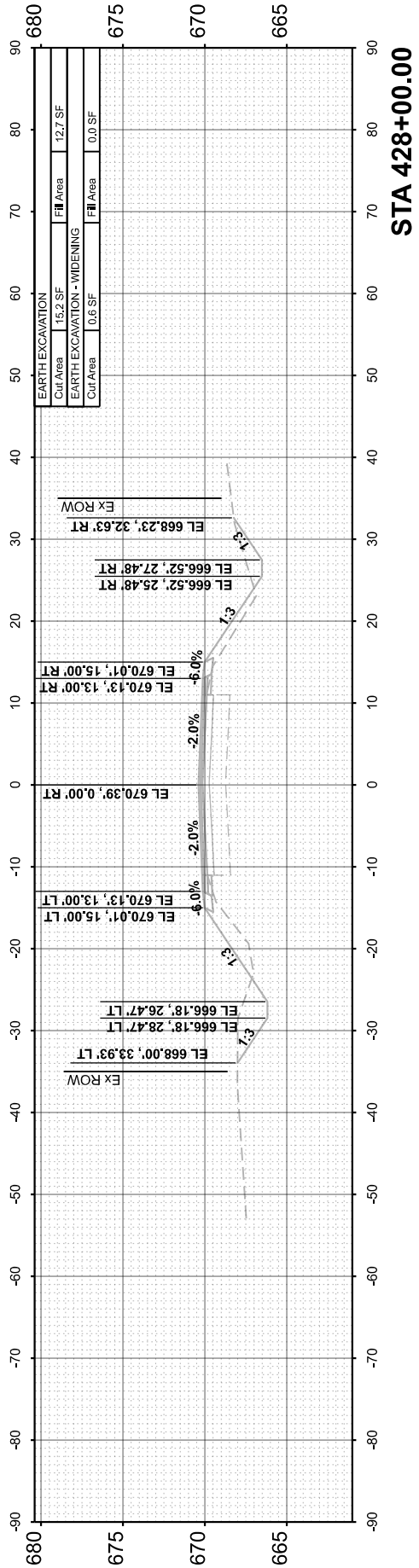
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REVISED	-
REVISED	-
REVISED	-

**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

SCALE: H=10 V=5 SHEET 81 OF 118 SHEETS STA. 424+00.00

**CH 15 (E 22nd RD)
 CROSS SECTIONS**

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
288	15-00351-00-WR	LASALLE	236	199
CONTRACT NO. 87801				
ILLINOIS		FED. AID PROJECT		



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

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

MODEL: EX_CH15 - 429+00.00 (Sheet)
 FILE NAME: V35001 - CH15 Design - Lasalle Co.CADD\CADD Sheets\501 - str-cs-c-3.dgn

Hutchison Engineering, Inc.
 Jacksonville - Moline - Peoria - Shorewood
 Since 1945

USER NAME	= BDeCrane
DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-
PLOT SCALE	= 0.16666633''/in.
PLOT DATE	= 6/14/2023

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

REVISED	-
REVISED	-
REVISED	-
REVISED	-

**LASALLE COUNTY
 HIGHWAY DEPARTMENT**

SCALE: H=10 V=5 SHEET 82 OF 118 SHEETS STA. 429+00.00

**CH 15 (E 22nd RD)
 CROSS SECTIONS**

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
288	15-00351-00-WR	LASALLE	236	200
CONTRACT NO. 87801				
ILLINOIS		FED. AID PROJECT		

