

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
46	(1)I-3	LASALLE	35	1
		ILLINOIS	CONTRACT NO. 66L46	

INDEX OF SHEETS

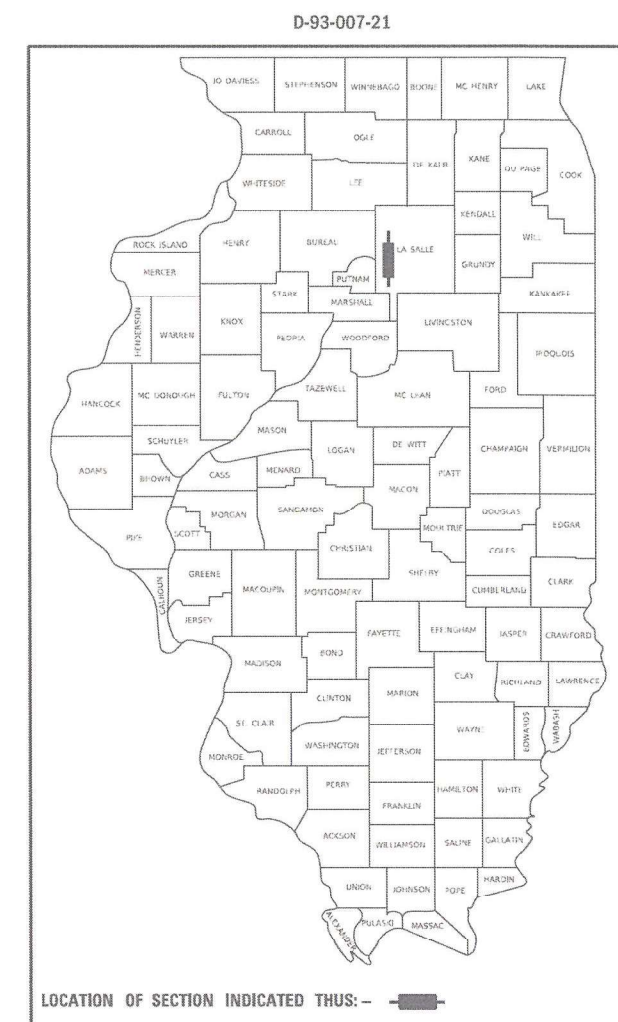
- 1 COVER SHEET
- 2 GENERAL NOTES
- 3 - 6 SUMMARY OF QUANTITIES
- 7 - 7 ALIGNMENT
- 8 TYPICAL SECTION
- 9 SCHEDULES
- 11 GENERAL PLAN
- 12 EROSION CONTROL & LANDSCAPE
- 13 GRADING PLAN
- 14 DETAILS
- 15 - 25 STRUCTURE 050-8802 PLANS
- 26 - 35 CROSS SECTIONS

FOR HIGHWAY STANDARDS, SEE SHEET #2

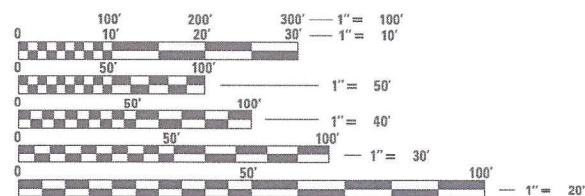
PROPOSED HIGHWAY PLANS

FAP 46 (IL-251)
SECTION: (1)I-3
PROJECT NHPP-UM09(855)
TYPE OF IMPROVEMENT: SLOPE STABILIZATION
LASALLE COUNTY

C-93-038-21
R1E, 3RD PM



FUNCTIONAL CLASSIFICATION:
OTHER PRINCIPAL ARTERIAL
ADT 10,900 (2019)
SU=2.75% MU=3.44% PV=93.81%



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

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

PROJECT ENGINEER: BRAD DUNCAN, P.E.
UNIT CHIEF: LUIS CALDERON, P.E.

CONTRACT NO. 66L46



PROJECT LOCATION

GROSS LENGTH = 450 FT. = 0.085 MILE
NET LENGTH = 450 FT. = 0.085 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED December 10, 2020
[Signature]
REGIONAL ENGINEER

January 29, 2021
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

January 29, 2021
[Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION 13

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

GENERAL NOTES

THE FINISHED EARTHWORK SHALL HAVE A VEGETATION SUSTAINING SOIL COVERING THE TOP FOUR INCHES (100 MILLIMETERS) IN AREAS TO BE SEEDED OR SODDED. THE VEGETATION SUSTAINING SOIL REQUIRED WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF FURNISHED EXCAVATION.

ENVIRONMENTAL RESTRICTIONS EXIST. SEE SPECIAL PROVISIONS FOR DISPOSAL AND HANDLING OF EXISTING EARTHEN MATERIAL.

ALL ELEVATIONS REFERRING TO U.S.G.S. MEAN SEA LEVEL DATUM.

THE WORK REQUIRED TO CONNECT ANY SEWER TO AN EXISTING DRAINAGE STRUCTURE OR PIPE WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE BID FOR THE SEWER ITEMS.

MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:

CITY OF PERU - PERU MUNICIPAL ELECTRIC
 PO BOX 299
 1901 4TH ST
 PERU, IL 61354

THE CONTRACTOR SHALL CONTACT JULIE AT LEAST 48 HOURS PRIOR TO EXCAVATION OR DRAINAGE RELATED WORK TO DETERMINE WHICH UTILITIES ARE IN THE AREA.

LIST OF ILLINOIS DOT HIGHWAY STANDARDS

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
515001-04	NAME PLATE FOR BRIDGES
601001-05	PIPE UNDERDRAINS
601101-02	CONCRETE HEADWALL FOR PIPE UNDERDRAIN
602701-02	MANHOLE STEPS
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 m) AWAY
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701901-08	TRAFFIC CONTROL DEVICES

COMMITMENTS

- 1) 404 PERMIT - #DOT-D3-2020-0008
- 2) NO TREES OR SAPPLINGS GREATER THAN 3 INCHES IN DIAMETER SHALL BE REMOVED FROM APRIL 1ST TO SEPTEMBER 30TH.
- 3) ENVIRONMENTAL COORDINATION

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DISTRICT THREE
 AS BUILT INFORMATION

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DISTRICT THREE

 SUPERVISING CONSTRUCTION FIELD ENGINEER

PREPARED BY: _____
 DISTRICT STUDIES & PLANS ENGINEER

 RESIDENT ENGINEER / TECHNICIAN

DATE: _____

START & END DATES
 OF CONSTRUCTION:

INSPECTORS:

EXAMINED BY: _____
 DISTRICT CONSTRUCTION ENGINEER

 DISTRICT MATERIALS ENGINEER

 DISTRICT OPERATIONS ENGINEER

FILE NAME =	USER NAME = calderoni	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw_work\pwtdot\calderoni\07132011D366L46-sht-cover.dgn		DRAWN -	REVISED -		46	(1)-3	LASALLE	35	2				
SMODELNAME\$	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 66L46				ILLINOIS	FED. AID PROJECT			
	PLOT DATE = 12/9/2020	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.			

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				URBAN	NHPP 80% FED / 20% STATE
				NONE	
				0044	
				050-8802	
20200100	EARTH EXCAVATION	CU YD	1379		1379
20400800	FURNISHED EXCAVATION	CU YD	996		996
20700220	POROUS GRANULAR EMBANKMENT	CU YD	24		24
25000210	SEEDING, CLASS 2A	ACRE	0.1		0.1
25000300	SEEDING, CLASS 3	ACRE	0.9		0.9
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	90		90
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	90		90
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	90		90
25100635	HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	2533		2533
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	100		100
28000305	TEMPORARY DITCH CHECKS	FOOT	80		80
28000400	PERIMETER EROSION BARRIER	FOOT	449		449
28000500	INLET AND PIPE PROTECTION	EACH	5		5
28100107	STONE RIPRAP, CLASS A4	SQ YD	63		63

FILE NAME =	USER NAME = calderoni	DESIGNED -	REVISED -
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SMODELNAME\$	PLOT DATE = 12/9/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
46	(1)J-3	LASALLE	35	3
CONTRACT NO. 66L46				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				URBAN NHPP 80%FED / 20%STATE NONE 0044 050-8802
28200200	FILTER FABRIC	SQ YD	63	63
50200100	STRUCTURE EXCAVATION	CU YD	91	91
50300225	CONCRETE STRUCTURES	CU YD	11.6	11.6
50500505	STUD SHEAR CONNECTORS	EACH	7	7
50800105	REINFORCEMENT BARS	POUND	645	645
51500100	NAME PLATES	EACH	1	1
* 52200015	PERMANENT SHEET PILING	SQ FT	1007	1007
* 52200200	DRILLING AND SETTING SOLDIER PILES (IN SOIL)	CU FT	2319	2319
* 52200205	DRILLING AND SETTING SOLDIER PILES (IN ROCK)	CU FT	2030	2030
52200260	PRECAST CONCRETE LAGGING	SQ FT	190	190
55100700	STORM SEWER REMOVAL 15"	FOOT	176	176
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	15	15
59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	83	83
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	1	1

FILE NAME =	USER NAME = calderoni	DESIGNED -	REVISED -
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SMODELNAME\$	PLOT DATE = 12/9/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
46	(1)J-3	LASALLE	35	4
CONTRACT NO. 66L46				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				URBAN NHPP 80%FED / 20%STATE NONE 0044 050 - 8802
60108200	PIPE UNDERDRAINS 6" (SPECIAL)	FOOT	150	150
61133100	FIELD TILE JUNCTION VAULTS, 2' DIA.	EACH	5	5
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	1407	1407
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	2	2
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	LSUM	1	1
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	LSUM	1	1
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	13	13
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	4	4
67100100	MOBILIZATION	L SUM	1	1
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	1
X0321809	PERMANENT GROUND ANCHOR	EACH	25	25
X0324864	DRAIN CONNECTIONS	FOOT	63	63
X0900072	SLOPE INCLINOMETER CASING	FOOT	33	33
X1400348	GEOTECHNICAL INSTRUMENTATION ADJUSTMENT	EACH	2	2
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1

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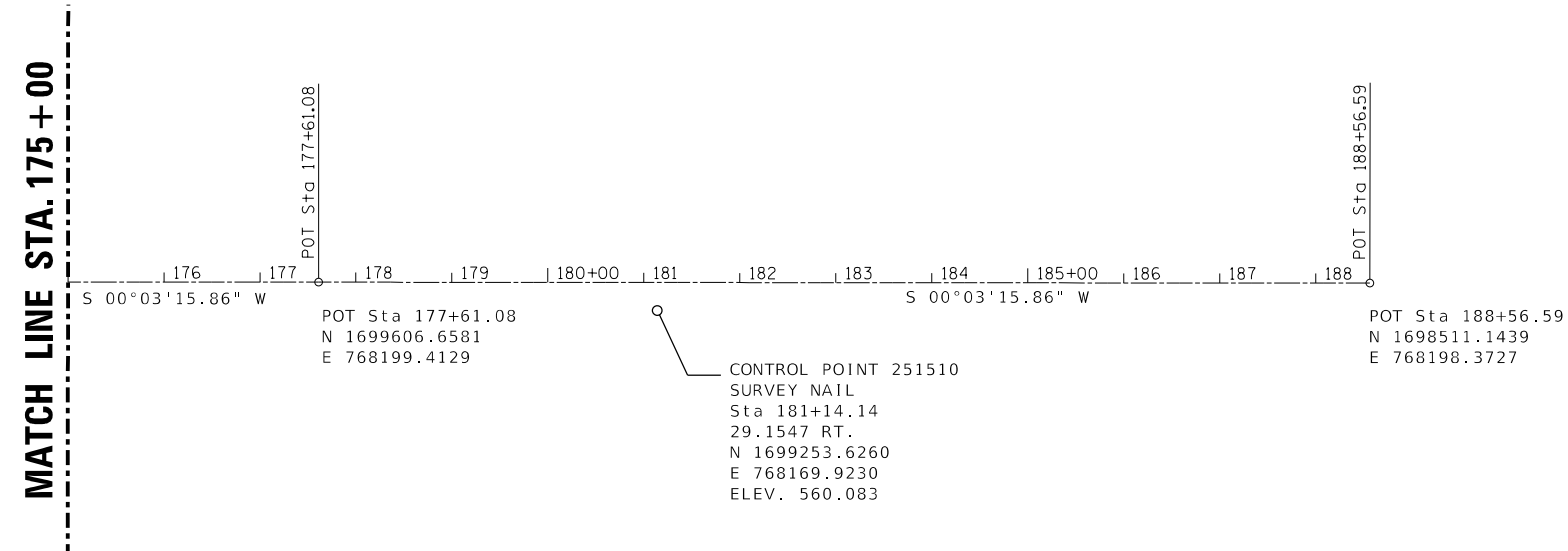
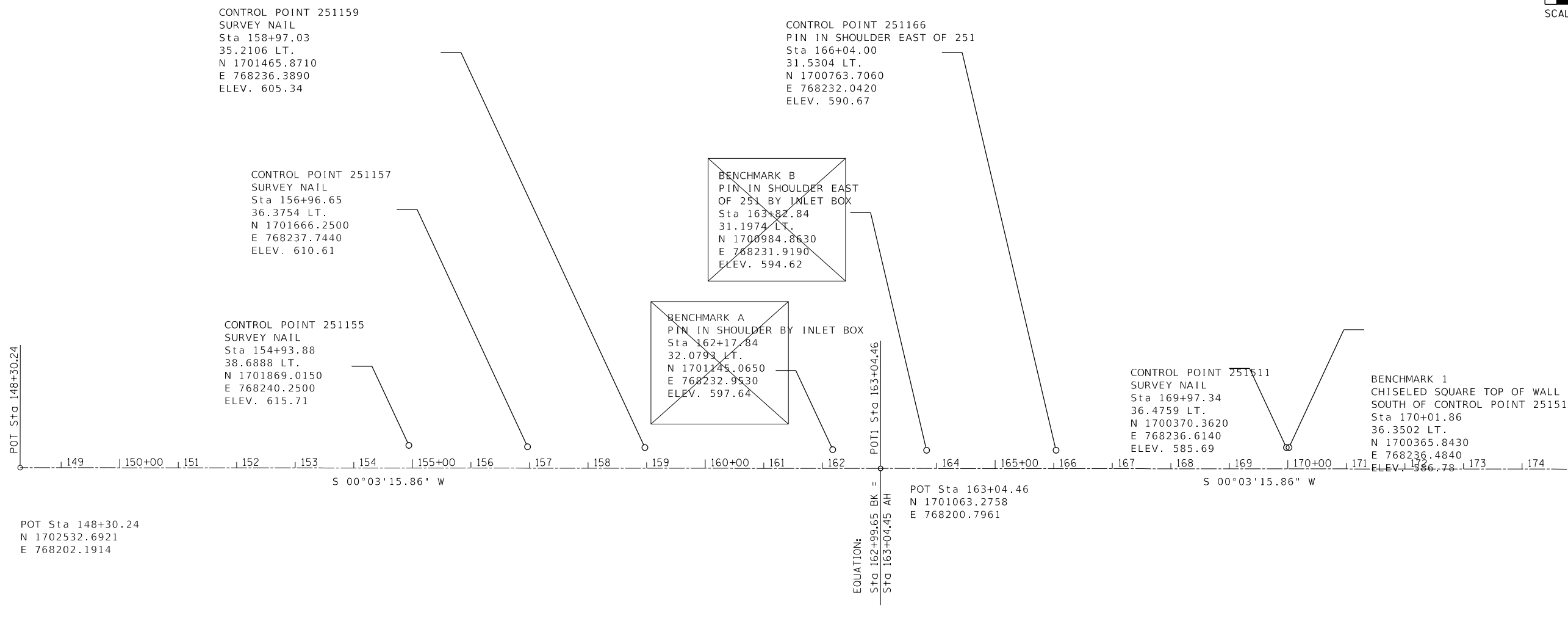
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
SCALE:	SHEET	OF	SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
46	(1)J-3	LASALLE	35	5
CONTRACT NO. 66L46				
ILLINOIS FED. AID PROJECT				

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SMODELNAME\$	PLOT SCALE = 100.0000' / in. PLOT DATE = 12/9/2020	CHECKED - DATE -	REVISED - REVISED -	SCALE: SHEET OF SHEETS STA. TO STA.		CONTRACT NO. 66L46 ILLINOIS FED. AID PROJECT				

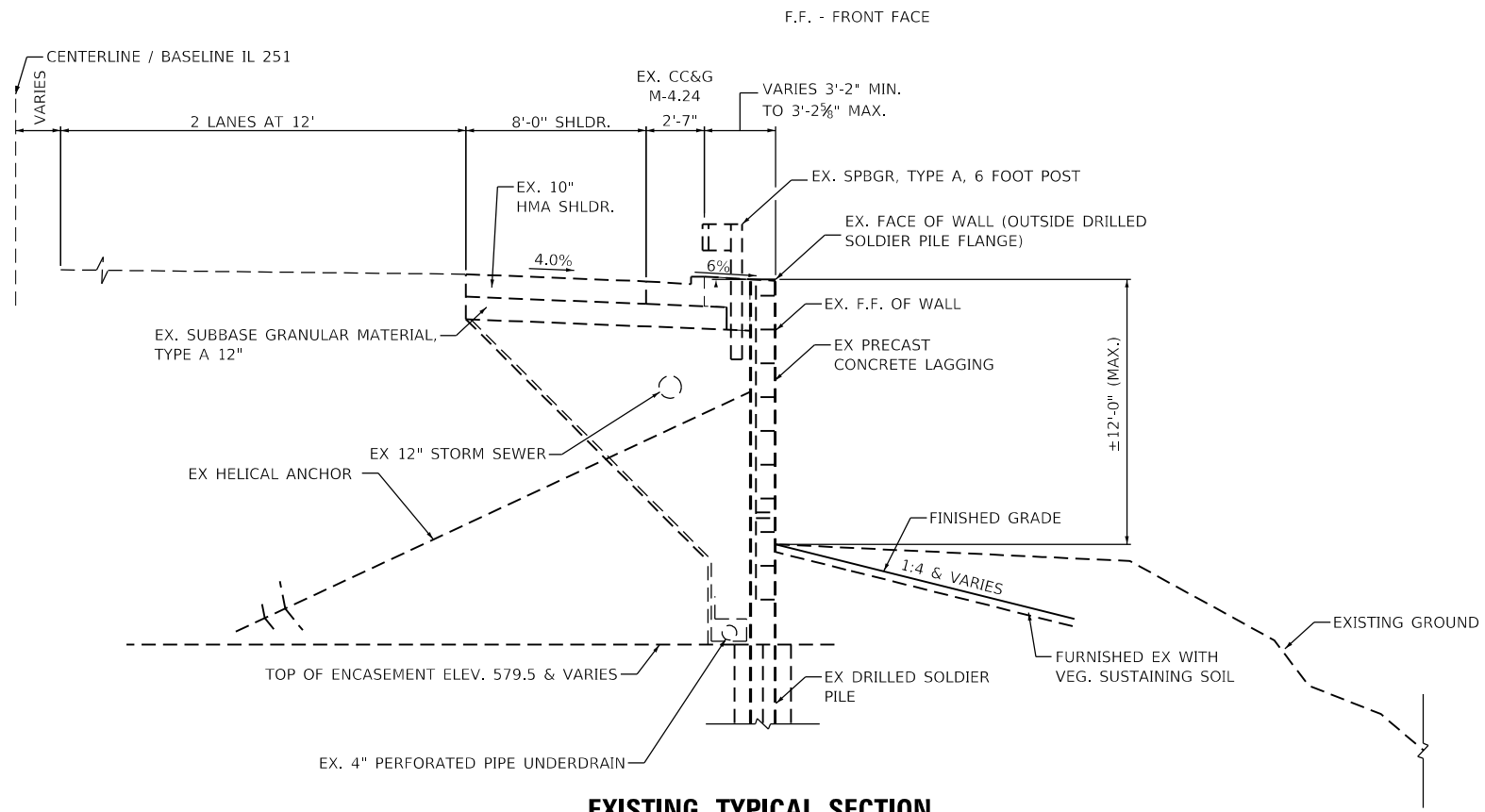


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	PLOT DATE = 12/9/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ALIGNMENT & CONTROL POINTS			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

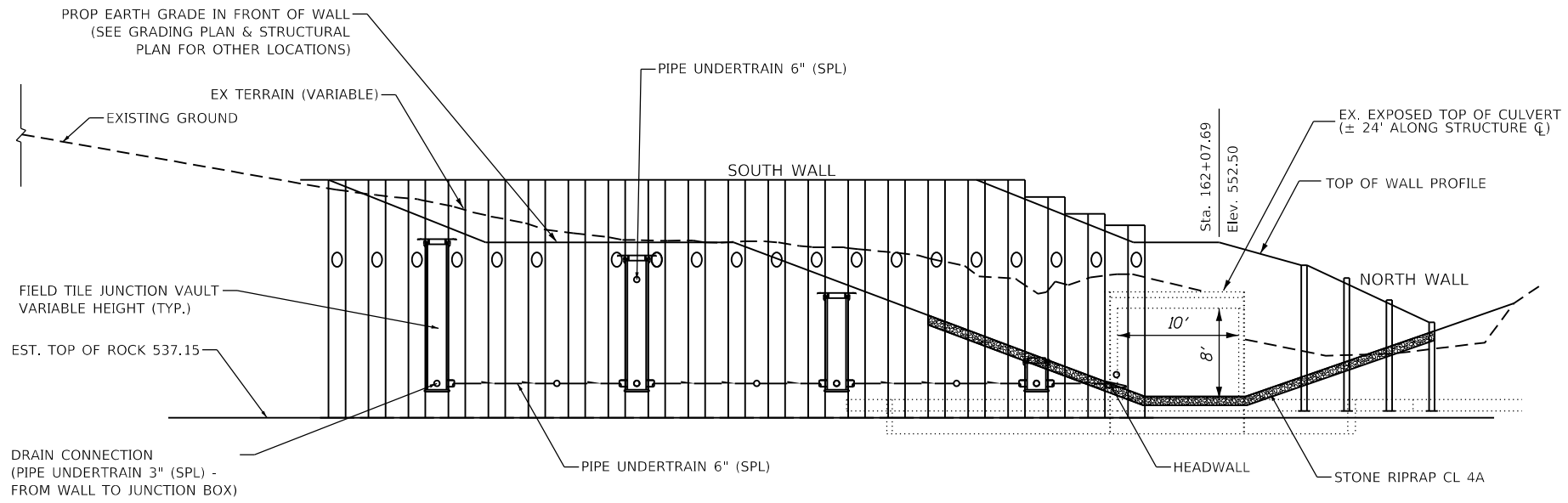
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
46	(1)I-3	LASALLE	35	7
CONTRACT NO. 66L46				
ILLINOIS FED. AID PROJECT				



EXISTING TYPICAL SECTION

STA 162+17.12 TO STA 163+58.05

NOTES:
1) SECTION COMPLETED IN CONTRACT 66F12



STRUCTURE 050-8802 PROPOSED PROFILE VIEW

LOOKING F.F. OF WALL - NORTHWEST VIEW
FOUNDATIONS & OTHER STRUCTURAL ITEMS NOT SHOWN

FILE NAME =	USER NAME = calderoni	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTION			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw_work\pwt\dot\calderoni\07132011D366L46-eh-typic	DRAWN -	REVISED -	46					(1)J-3	LASALLE	35	8	
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	PLOT DATE = 12/9/2020	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	

EARTHWORK SCHEDULE							
LOCATION		EARTH EXCAVATION (CUT)	STRUCTURE EXCAVATION (CUT)	NON-SPECIAL WASTE DISPOSAL *	EARTH EXCAVATION ADJ FOR SHRINKAGE (25%)	EMBANKMENT (FILL)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
FROM	TO	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD
161+25.00	164+00.00	1,379.0	91.0	1,407.0	47.3	1,043.0	-995.8
TOTALS		1,379	91	1,407	47	1,043	-996

*REFER TO ENVIRONMENTAL SPECIAL PROVISIONS FOR DISPOSAL AND MANAGEMENT REQUIREMENTS

GEOTECHNICAL		
LOCATION	OFFSET	GEOTECH INSTRUMENTATION ADJUSTMENT
		EACH
162+00	94.8' LT	1
162+90	35' LT	1
TOTALS		2

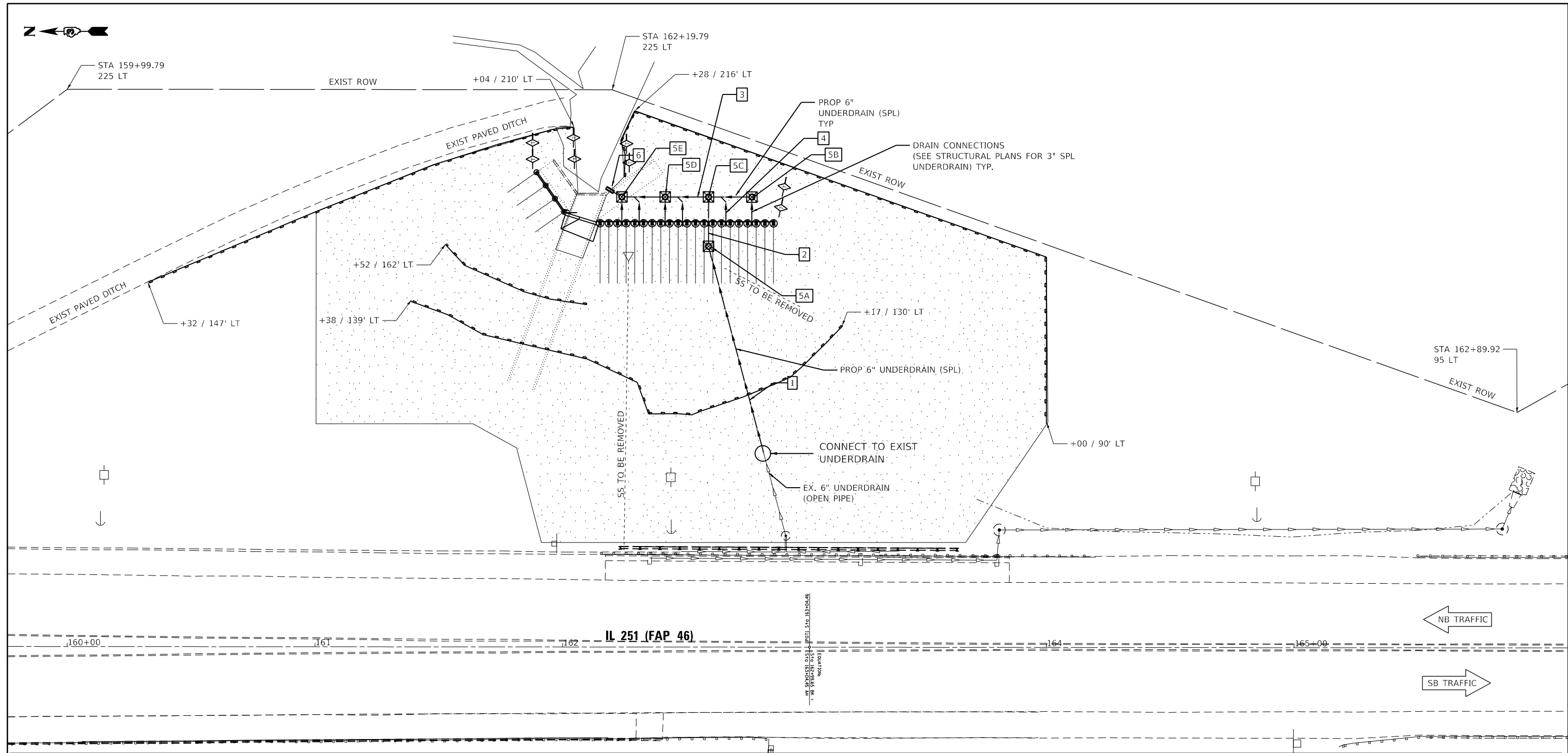
DRAINAGE SCHEDULE						
ITEM # or STA	STORM SEWER REMOVAL 15"	DRAIN CONNECTIONS *	PIPE UNDERDRAIN SPECIAL 6"	CONC HEADWALL FOR PIPE DRAINS	FIELD TILE JUNCTION VAULT 2'	
	FOOT	FOOT	FOOT	EACH	EACH	NOTES
1			85			
2			17			
3			48			
4		63				
5A					1	RIM ELEV - TBD ON SITE
5B					1	RIM ELEV - 554.0
5C					1	RIM ELEV - 551.0
5D					1	RIM ELEV - 549.0
5E					1	RIM ELEV - 542.0
6				1		
162+25.5 (LT)	125					
162+65 TO 162+95 (LT)	36					
163+77 (LT)	15					
TOTALS	176	63	150	1	5	

* DRAIN CONNECTIONS SHALL BE OF 3" DIAMETER SPECIAL UNDERDRAIN (SEE STRUCTURAL PLANS)

EROSION CONTROL & LANDSCAPE SCHEDULE										
LOCATION	PERIMETER EROSION BARRIER	TEMP EROS CONTROL SEEDING **	TEMP DITCH CHECKS *	INLET & PIPE PROTECT	HEAVY DUTY EROSION CONTROL BLANKET	SEED CL 3	SEED CL 2A	FERTILIZER NUTRIENTS		
	FOOT	POUND	FOOT	EACH	SQ YD	ACRE	ACRE	NITRO POUND	PHOS POUND	POT POUND
ENTIRE JOBSITE		100		5	2,533	0.9	0.1	90	90	90
160+32 (LT)-162+04 (LT)	182									
161+38 (LT)-163+17 (LT)	202									
161+52 (LT)-162+10 (LT)	65									
161+87 (LT)			20							
162+04(LT)			20							
162+25 (LT)			20							
162+88 (LT)			20							
TOTALS	449	100	80	5	2,533	0.9	0.1	90	90	90





* LENGTH OF DITCH CHECK - 10' (FOR ESTIMATING QTYS)

** TEMP EROSION CONTROL SEEDING ROUNDED TO 1 ACRE







LEGEND

EROSION CONTROL

-  INLET & PIPE PROTECTION
-  PERIMETER EROSION BARRIER (SILT FENCE)
-  TEMP DITCH CHECK
-  TEMP SEEDING

FIELD ADJUSTMENTS TO EROSION CONTROL ITEMS & QUANTITIES MAY BE ALTERED IF NEEDED BY THE ENGINEER

DRAINAGE

-  **1 TO 3** PIPE UNDERDRAIN (SPL) - 6"
-  **4** DRAIN CONNECTION (3" PIPE UNDERDRAIN, SPL) SEE STRUCTURAL PLANS FOR INSTALLATION
-  **5A TO 5E** FIELD TILE JUNCT VAULT (2-FT DIA)
-  **4** CONC HEADWALL FOR PIPE DRAINS

TRAFFIC CONTROL NOTES:

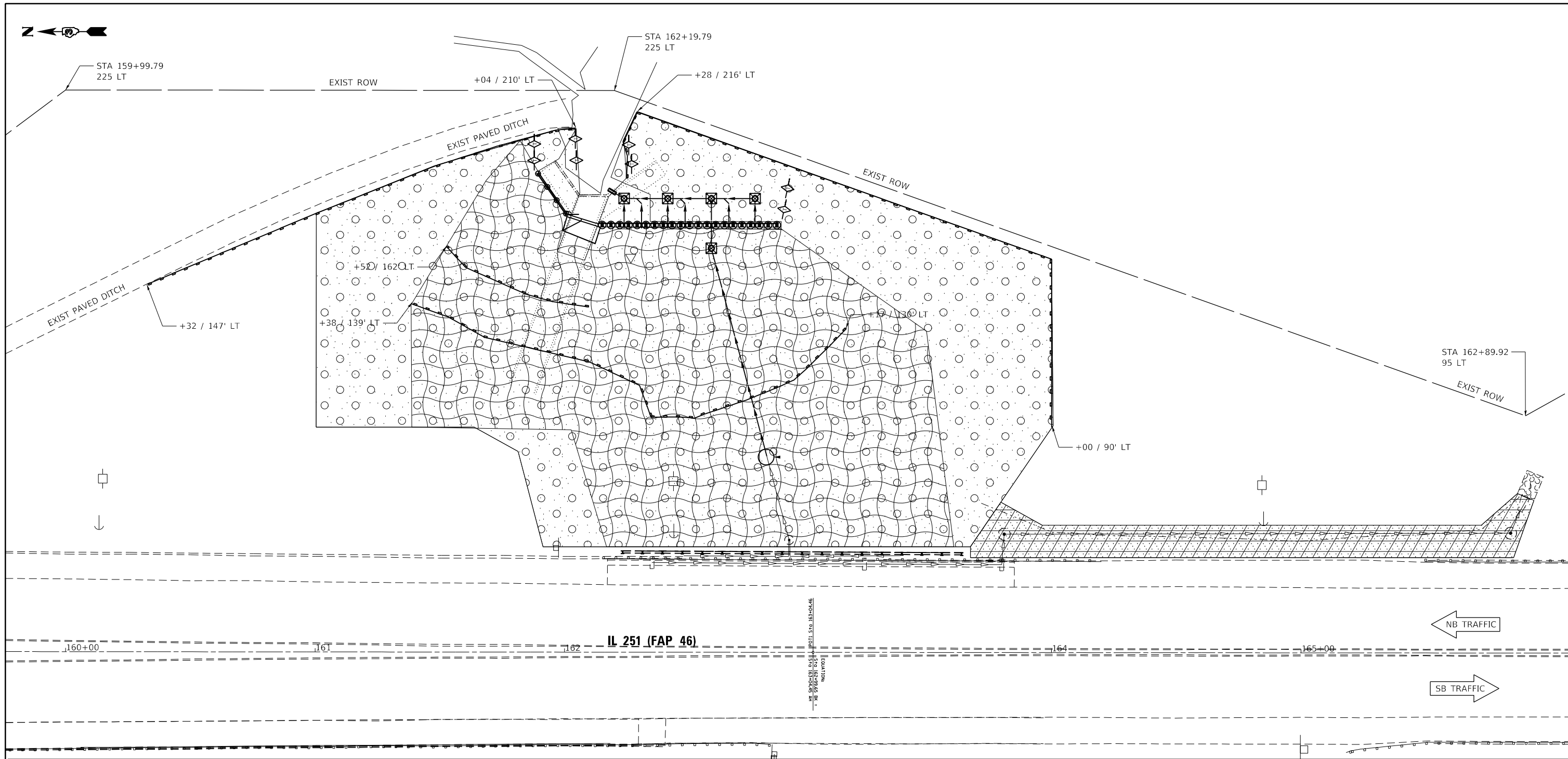
TRAFFIC CONTROL 701601 SHALL BE USED DURING CONSTRUCTION WHEN EQUIPMENT IS EXPECTED TO ENCROACH THE TRAVEL LANE.

THE CONTRACTOR SHALL SUPPLY ADDITIONAL SIGNS: "TRUCKS ENTERING HIGHWAY" AND "TRUCKS LEAVING HIGHWAY" WHEN TRANSPORTING EARTHWORK MATERIAL OR OTHER APPLICABLE ITEMS.

NO OVERNIGHT LANE CLOSURES SHALL BE ALLOWED.



FILE NAME =	USER NAME = calderoni	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL PLAN	F.A.P. RTE. 46	SECTION (1)J-3	COUNTY LASALLE	TOTAL SHEETS 35	SHEET NO. 11	
SMODELNAME\$	PLOT SCALE = 40,0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 66L46					
	PLOT DATE = 12/9/2020	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
						SCALE:	SHEET	OF	SHEETS	STA.	TO



LEGEND

EROSION CONTROL

- INLET & PIPE PROTECTION
- PERIMETER EROSION BARRIER (SILT FENCE)
- TEMP DITCH CHECK
- TEMP SEEDING

FIELD ADJUSTMENTS TO EROSION CONTROL ITEMS & QUANTITIES MAY BE ALTERED, IF NEEDED, BY THE ENGINEER

LANDSCAPING

- SEEDING CLASS 3
- SEEDING CLASS 2A
- HEAVY DUTY EROSION CONTROL BLANKET

TRAFFIC CONTROL NOTES:

TRAFFIC CONTROL 701601 SHALL BE USED DURING CONSTRUCTION WHEN EQUIPMENT IS EXPECTED TO ENCROACH THE TRAVEL LANE.

THE CONTRACTOR SHALL SUPPLY ADDITIONAL SIGNS: "TRUCKS ENTERING HIGHWAY" AND "TRUCKS LEAVING HIGHWAY" WHEN TRANSPORTING EARTHWORK MATERIAL OR OTHER APPLICABLE ITEMS.

NO OVERNIGHT LANE CLOSURES SHALL BE ALLOWED.

0 20 40 60
SCALE IN FEET

FILE NAME =	USER NAME = calderoni	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION CONTROL & LANDSCAPING PLAN	F.A.P. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
cc:\pw_work\pwwd\calderoni\07132011D366L46-eh-Eros_Lands.dgn	PLOT SCALE = 40,0000' / in.	DRAWN -	REVISED -			46	(1)F-3	LASALLE	35	12	
SMODELNAME\$	PLOT DATE = 12/9/2020	CHECKED -	REVISED -			CONTRACT NO. 66L46					
		DATE -	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.	TO STA.



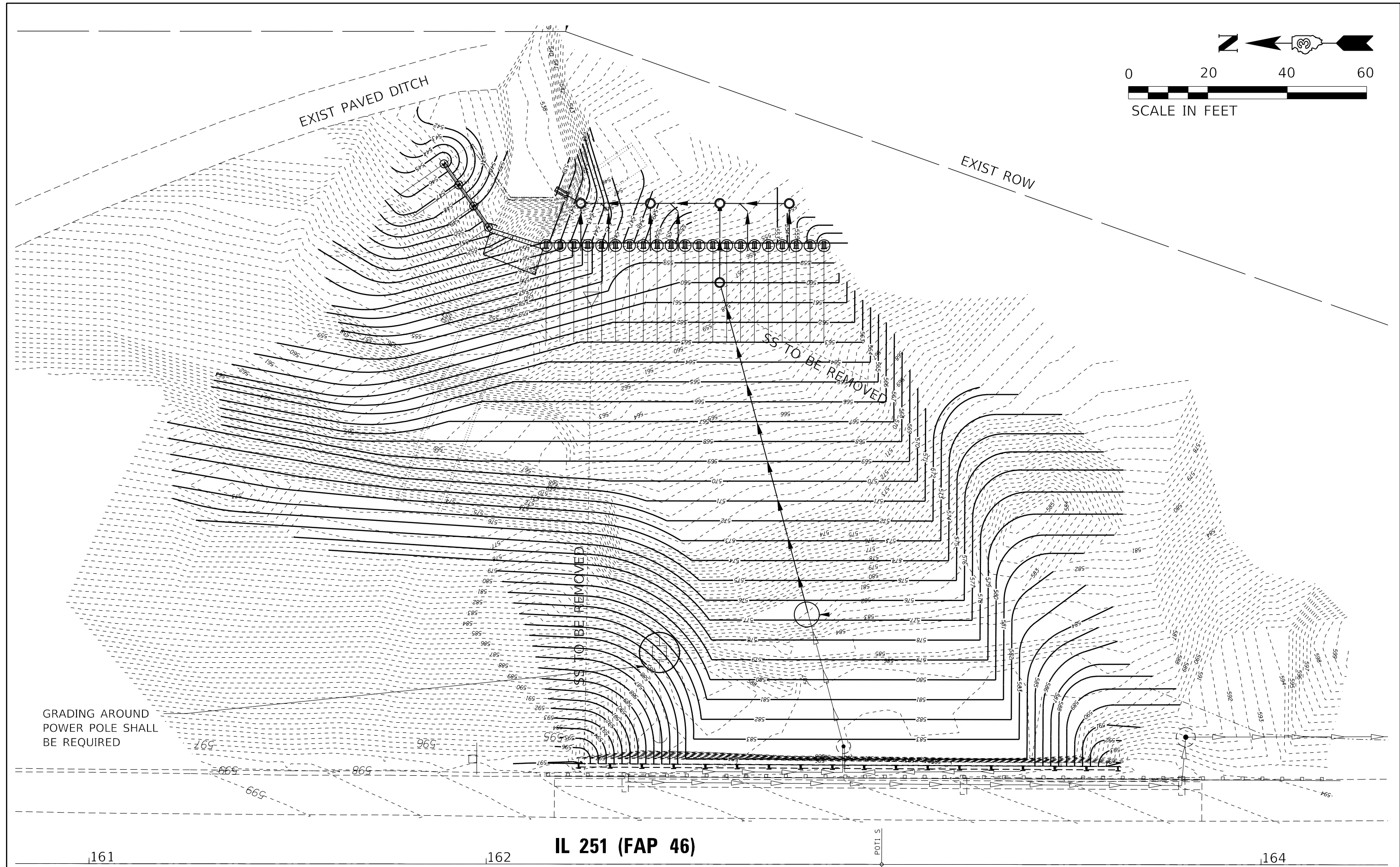
0 20 40 60



SCALE IN FEET

EXIST PAVED DITCH

EXIST ROW



GRADING AROUND POWER POLE SHALL BE REQUIRED

IL 251 (FAP 46)

161

162

164

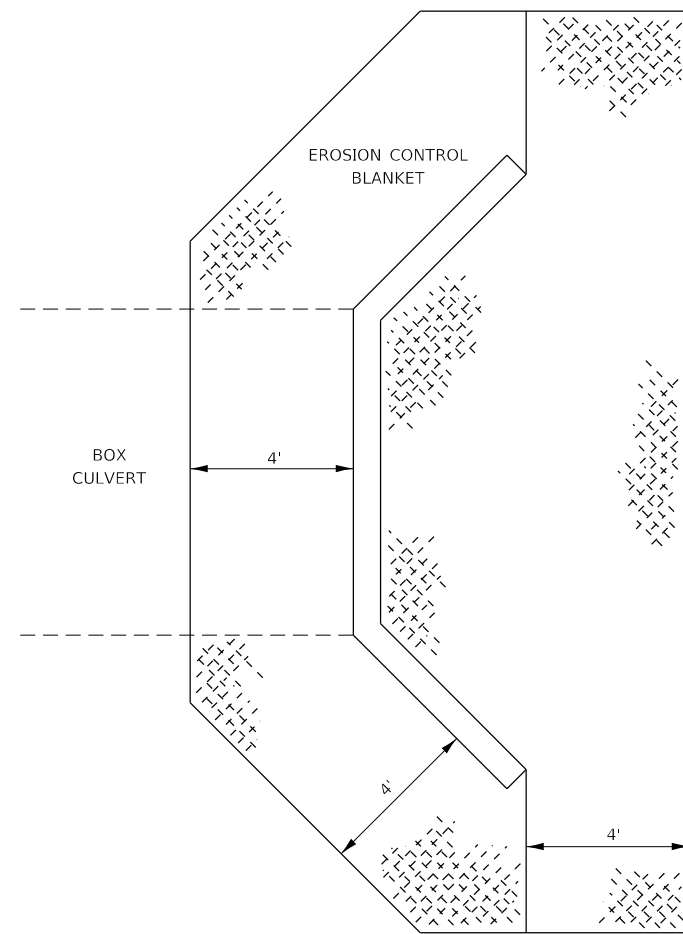
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	PLOT DATE = 12/9/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

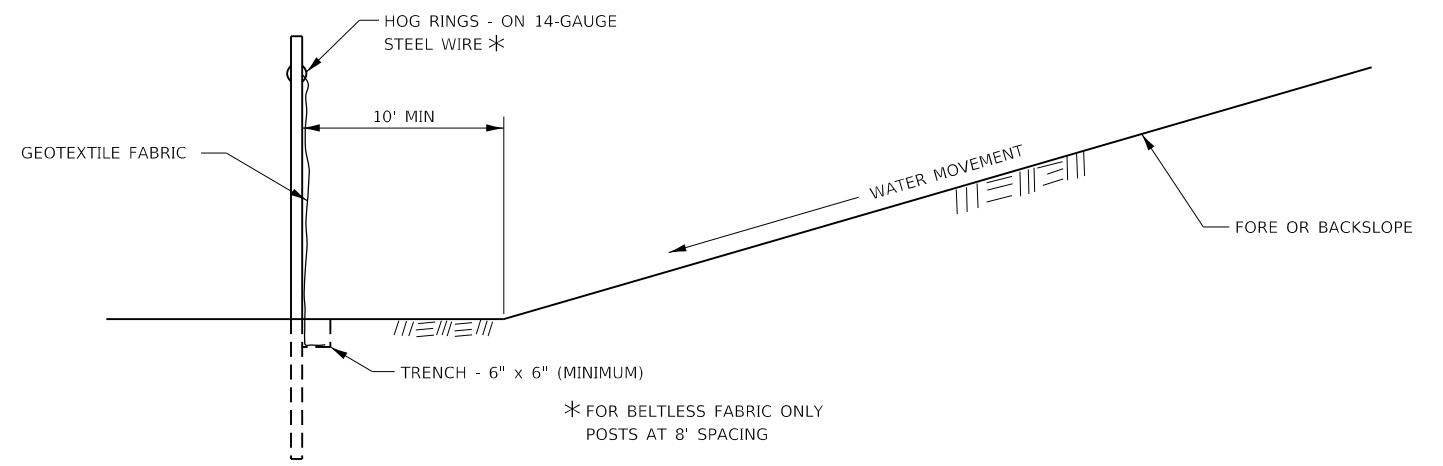
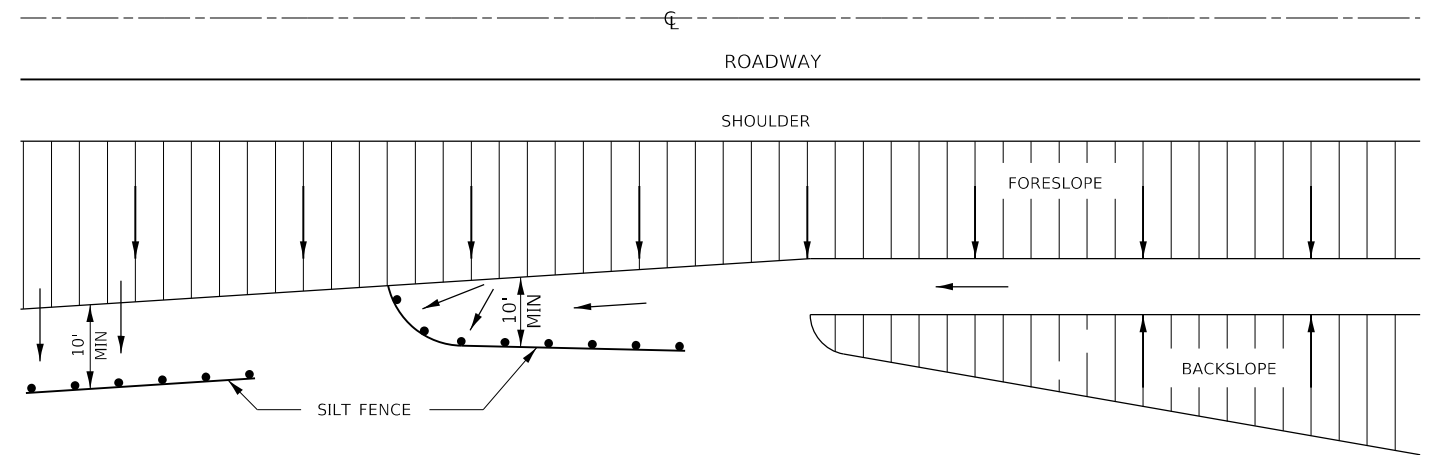
GRADING PLAN

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
46	(1)-3	LASALLE	35	13
CONTRACT NO. 66L46				
ILLINOIS FED. AID PROJECT				



**EROSION CONTROL BLANKET
AT BOX CULVERT END SECTIONS**



DETAILS OF SILT FENCE

**EROSION CONTROL DETAILS
FOR SILT FENCE**

FILE NAME =	USER NAME = calderoni	DESIGNED -	REVISED -
c:\pw_work\pwt\dot\calderoni\07132011D366L46-sht-details.dgn		DRAWN -	REVISED -
SMODELNAME\$	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/9/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETAILS			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

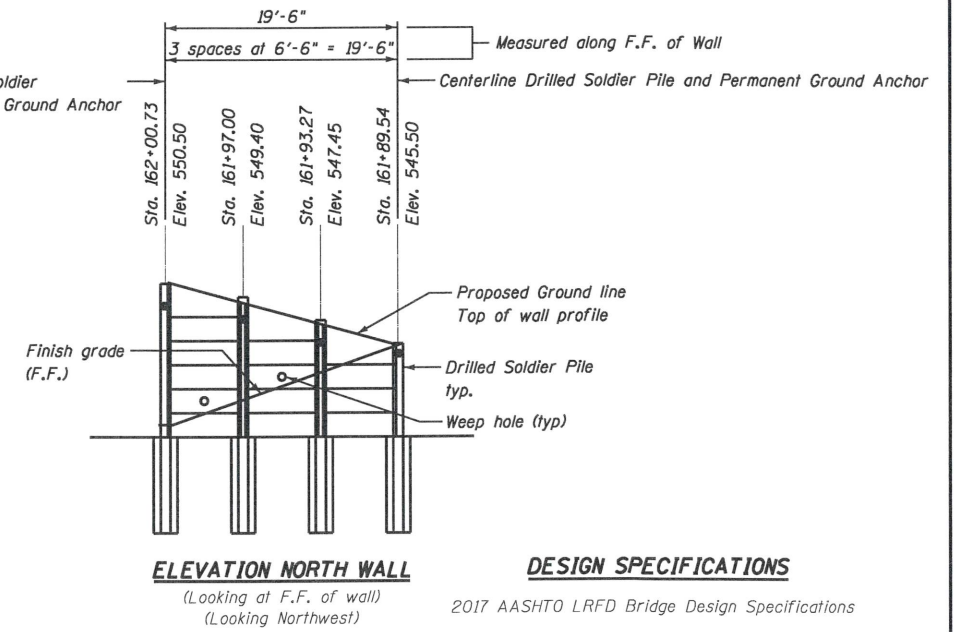
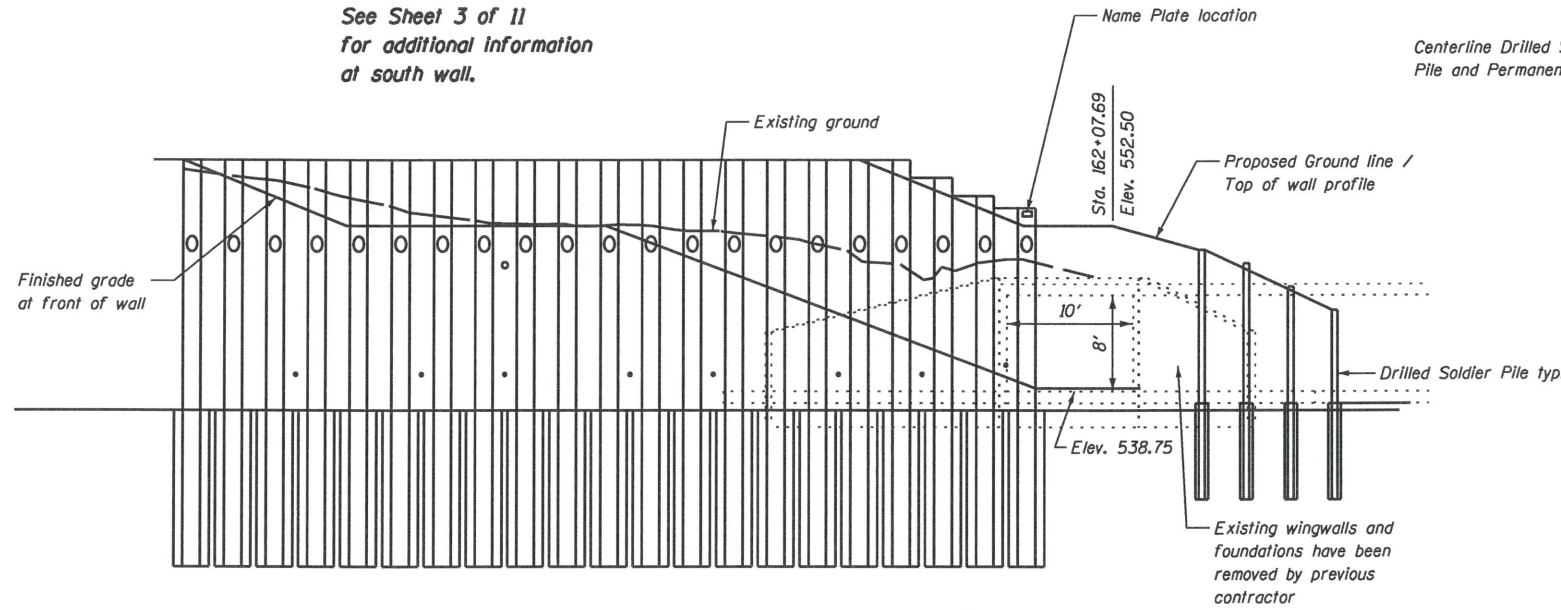
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
46	(1)J-3	LASALLE	35	14
CONTRACT NO. 66L46				
ILLINOIS FED. AID PROJECT				

BENCHMARK 1
CHISELED SQUARE TOP OF WALL
SOUTH OF CONTROL POINT 251511
Sta 170+01.86
36.3502 LT.
N 1700365.8430
E 768236.4840
ELEV. 586.78

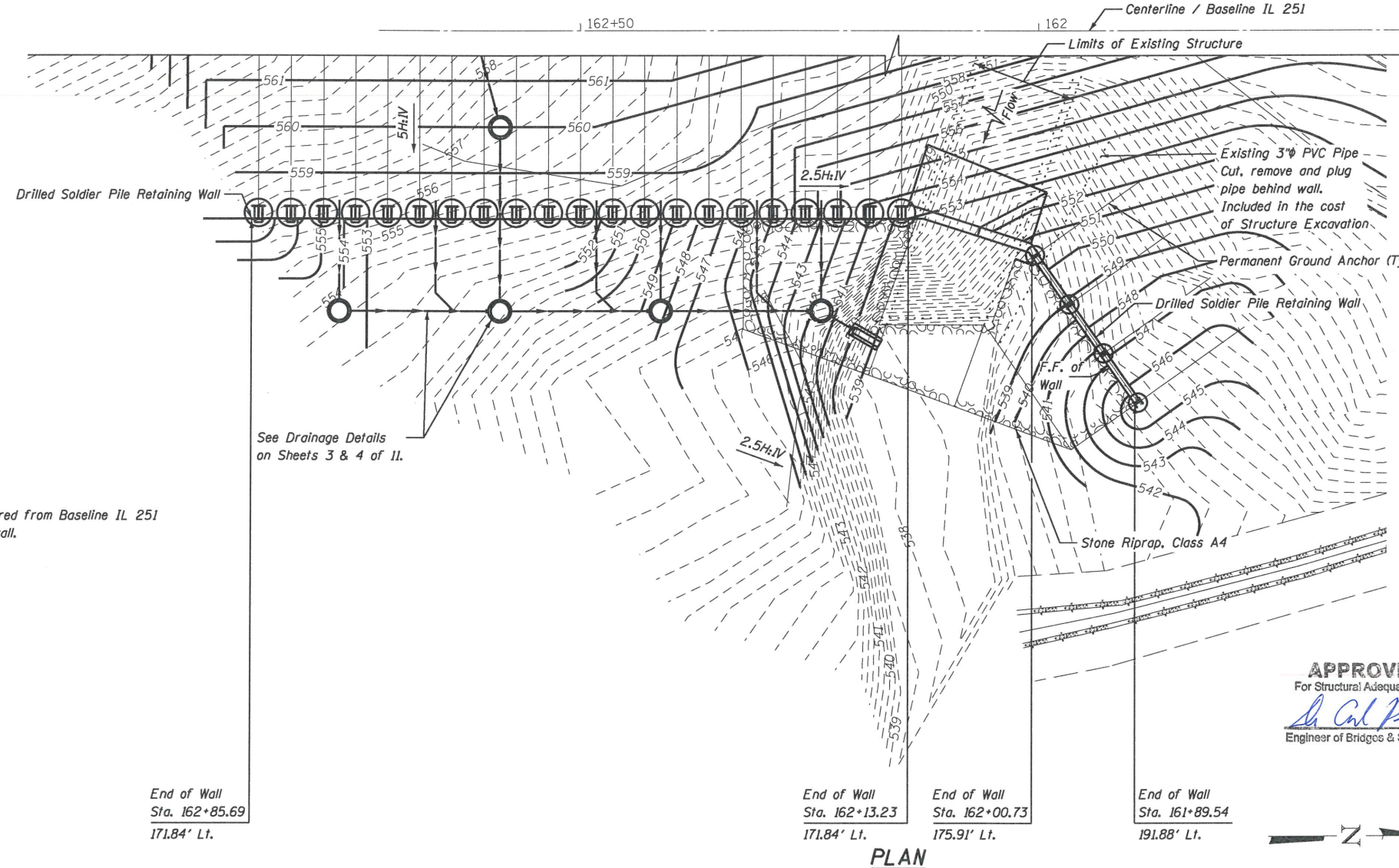
Existing Structure:
10'x8' Cast-in-place Concrete Box
Culvert SN 050-2524
Section 1Z
Built 1961
374' Between Headwalls
Variable Wall and Slab Thicknesses
20° Lt Fwd Skew

Traffic Control:
Outside Lane Closure

See Sheet 3 of 11
for additional information
at south wall.



ELEVATION
(Looking at F.F. of wall)
(Looking West)



PLAN

INDEX OF SHEETS

- 1 General Plan & Elevation
- 2 General Notes and Bill of Materials
- 3 South Wall Plan & Elevation
- 4 Drainage Details
- 5 Partial Plan and Corner Details
- 6 North Wall Section
- 7 Drilled Soldier Pile Schedule
- 8 North Wall Details
- 9 Wall Above Culvert Detail
- 10 Lagging Installation Details
- 11 Soil Borings

DESIGN STRESSES

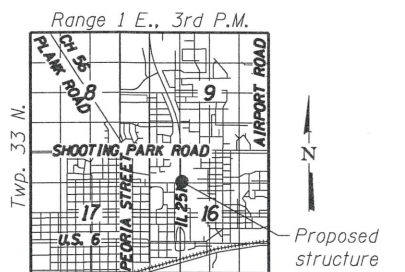
FIELD UNITS
f'c = 3,500 psi
fy = 60,000 psi (Reinforcement)
fy = 50,000 psi (M270 Grade 50)
(Soldier Piles, Plates for Permanent Sheet Piling and Plate welded to Soldier pile)

EXISTING

fs = 20,000 psi (Reinforcement)
fc = 1,400 psi (Barrel)
fc = 1,000 psi (Wing Walls)

PRECAST UNITS

f'c = 6,000 psi
fy = 60,000 psi (Reinforcement)



LOCATION SKETCH

12/22/2020
date

APPROVED
For Structural Adequacy Only
Sh. Carl Kump
Engineer of Bridges & Structures

JAMES K. CLINARD
LICENSED STRUCTURAL ENGINEER
NO. 081-004655
STATE OF ILLINOIS
expires 11-30-2022
MJC
signature
PROFESSIONAL DESIGN FIRM
LICENSE NO. 184-001717

GENERAL PLAN & ELEVATION
IL ROUTE 251
F.A.P. 46
SECTION (1)I-3
LASALLE COUNTY
STATION 161+89.54 TO 162+85.69
STRUCTURE NO. 050-8802

Offsets are measured from Baseline IL 251
to front face of wall.
F.F. - Front Face

End of Wall
Sta. 162+85.69
171.84' Lt.

End of Wall
Sta. 162+13.23
171.84' Lt.

End of Wall
Sta. 162+00.73
175.91' Lt.

End of Wall
Sta. 161+89.54
191.88' Lt.



USER NAME = CHAMLIN	DESIGNED JKC	REVISED -
PLOT SCALE =	DRAWN LAG	REVISED -
PLOT DATE = 12/22/2020	CHECKED JKC	REVISED -
	DATE 7/5/18	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: 1"=8' SHEET 1 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
46	(1)I-3	LaSalle	35	15
CONTRACT NO. 66L46				
ILLINOIS FED. AID PROJECT				

FILE NAME = 0508802-66L-46-001-CPE.dgn

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Porous Granular Embankment	Cu. Yd.	24
Stone Riprap, Class A4	Sq. Yd.	63
Filter Fabric	Sq. Yd.	63
Structure Excavation	Cu. Yd.	91
Concrete Structures	Cu. Yd.	11.6
Stud Shear Connectors	Each	7
Reinforcement Bars	Pound	645
Name Plates	Each	1
Permanent Sheet Piling	Sq. Ft.	1007
Drilling And Setting Soldier Piles (In Rock)	Cu. Ft.	2030
Drilling And Setting Soldier Piles (In Soil)	Cu. Ft.	2319
Precast Concrete Lagging	Sq. Ft.	190
Geocomposite Wall Drain	Sq. Yd.	15
Controlled Low-Strength Material	Cu. Yd.	83
Permanent Ground Anchor	Each	25
Slope Inclinator Casing	Foot	33

GENERAL NOTES

- Plan dimensions and details relative to the existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.
- The Contractor shall attach a Slope Inclinator Casing to the Soldier Pile at Sta. 162+49.95, unless otherwise directed by the Engineer.
- Layout of the Slope Protection System may be varied to suit ground conditions in the field as directed by the Engineer.
- Soldier piles have been purchased by IDOT District 3. See Special Provisions.
- Precast Concrete lagging has been purchased by IDOT District 3. See Special Provisions.

STATION 162+38
 BUILT BY
 STATE OF ILLINOIS
 FAP 46 SEC. (1)I-3
 LOADING HL-93
 STRUCTURE NO. 050-8802

NAME PLATE
 See Std. 515001

FILE NAME = 0508802-66L-46-002-GENNOTE.dgn



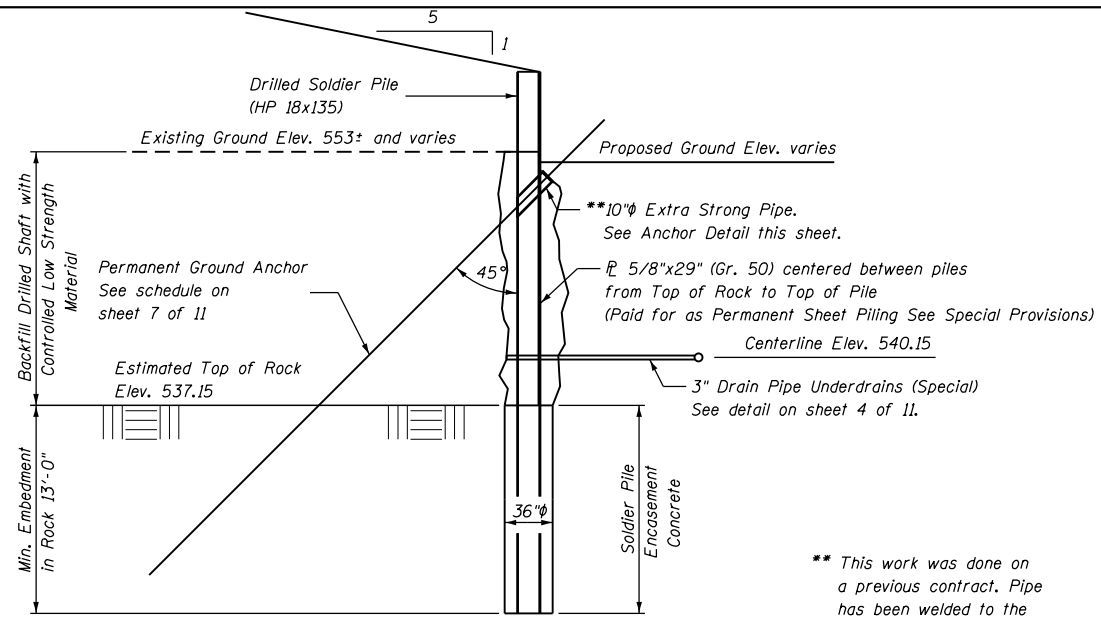
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	DRAWN LAG	REVISED -
PLOT SCALE =	CHECKED JKC	REVISED -
PLOT DATE = 1/25/2021	DATE 7/5/18	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**GENERAL NOTES AND BILL OF MATERIALS
 STRUCTURE NO. 050-8802**

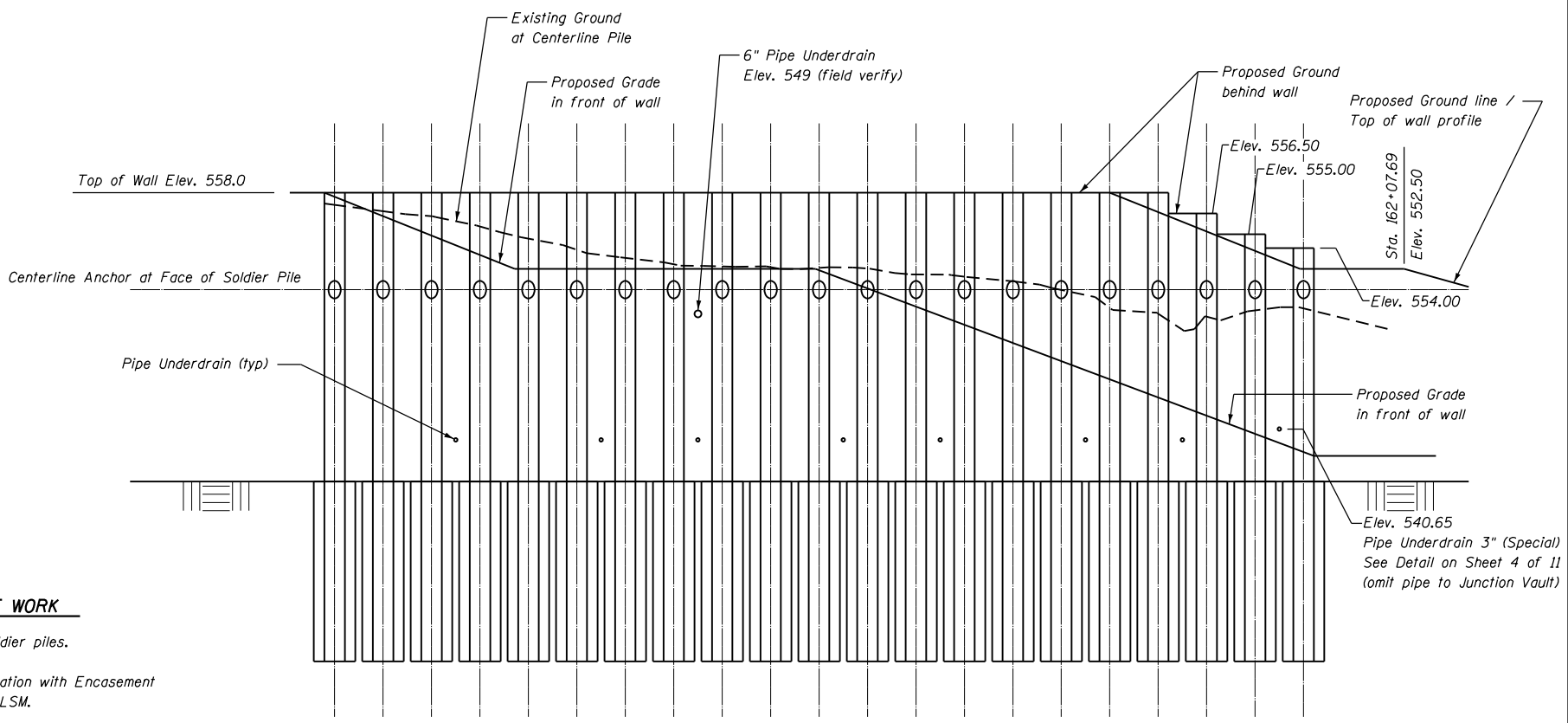
SCALE: N.T.S. SHEET 2 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
46	(1)I-3	LaSalle	35	16
CONTRACT NO. 66L46				
ILLINOIS FED. AID PROJECT				



SOUTH WALL SECTION
(Looking North)

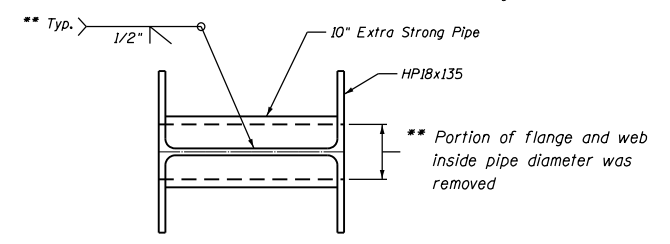
** This work was done on a previous contract. Pipe has been welded to the pile.



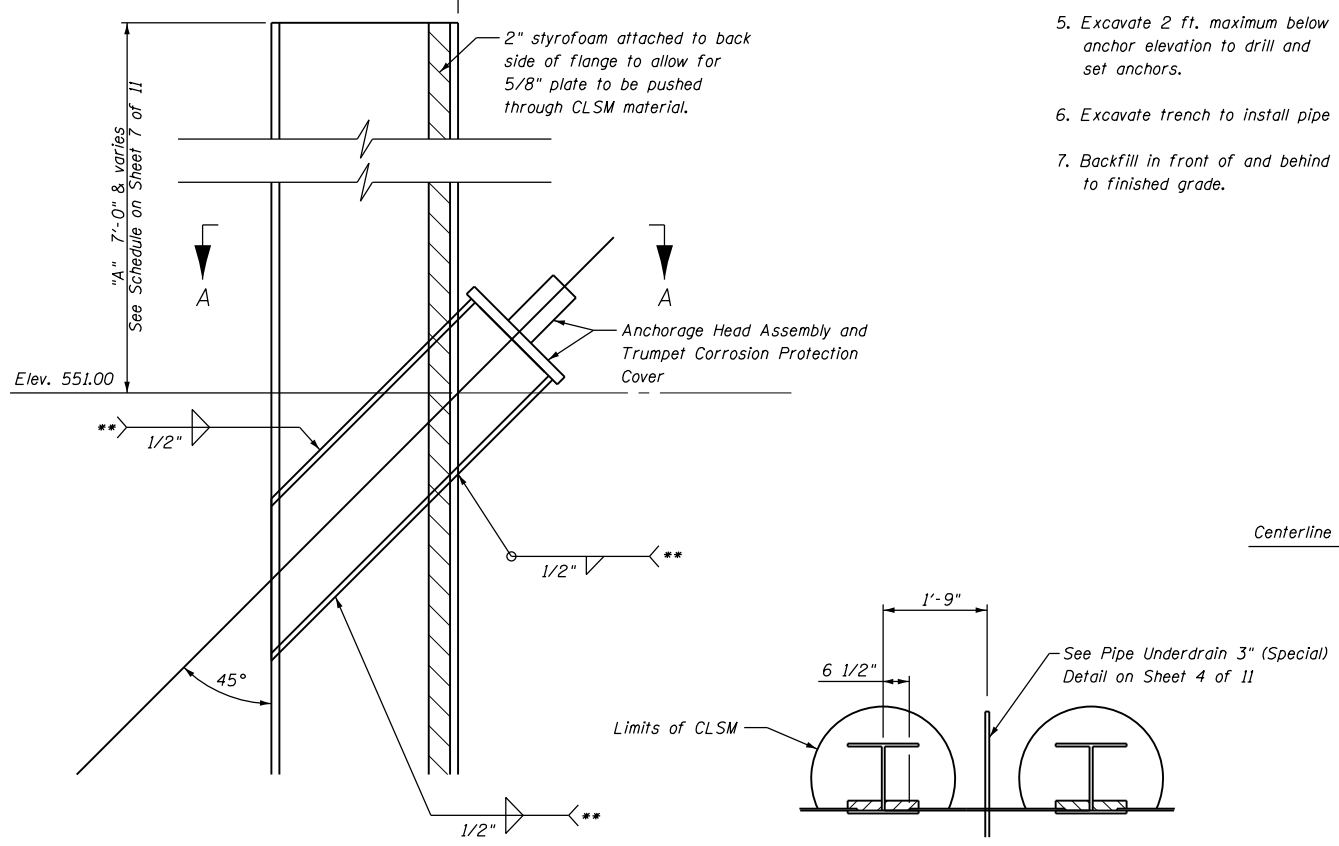
ELEVATION
(Looking at F.F. of wall)
(Looking West)

SEQUENCE OF WORK

1. Drill and set soldier piles.
2. Fill shaft excavation with Encasement Concrete and CLSM.
3. Push / drive steel plates between soldier piles.
4. Backfill against pile and plate to 1 ft. below top of wall.
5. Excavate 2 ft. maximum below anchor elevation to drill and set anchors.
6. Excavate trench to install pipe underdrains.
7. Backfill in front of and behind wall to finished grade.

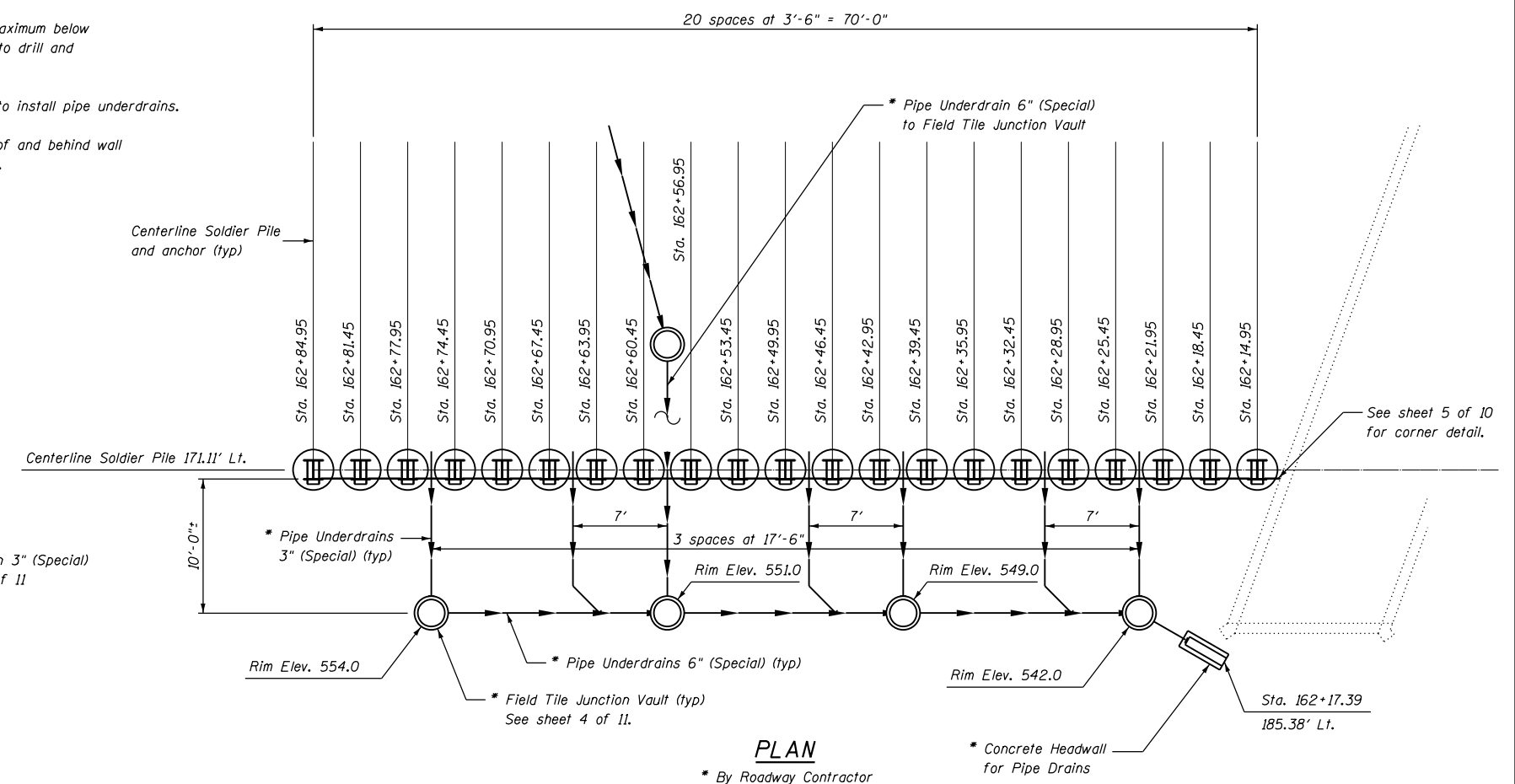


PLAN



ANCHOR DETAIL
(Looking North)

SECTION A-A



PLAN
* By Roadway Contractor

FILE NAME = 060802-661-46-003-DETAILS.dgn



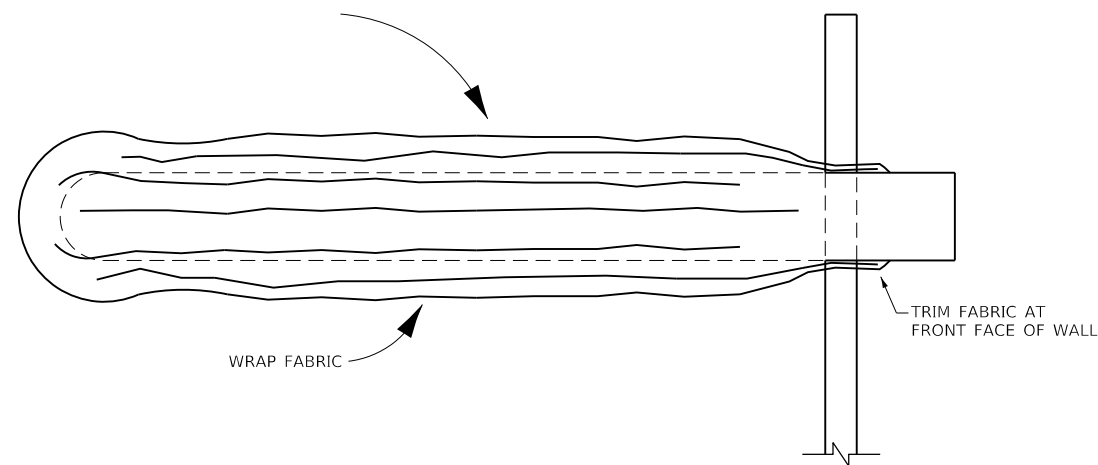
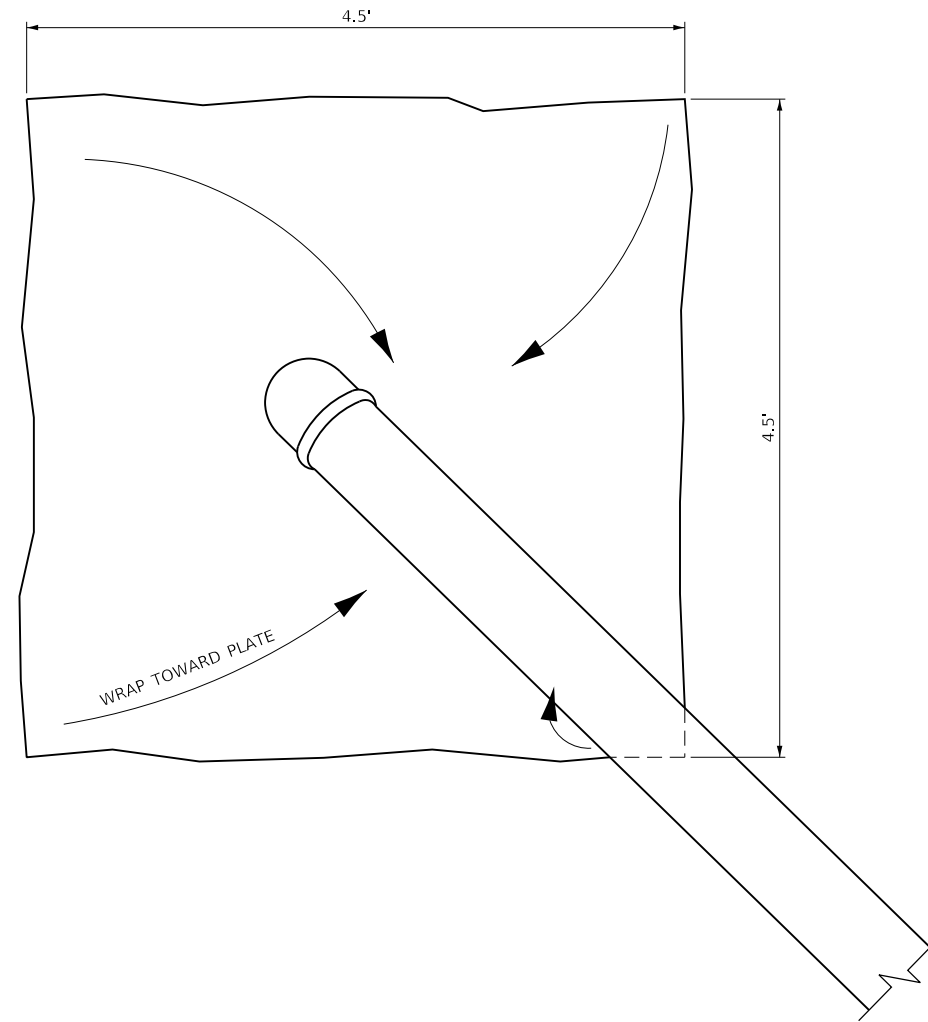
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	DRAWN LAG	REVISED -
PLOT SCALE =	CHECKED JKC	REVISED -
PLOT DATE = 1/7/2021	DATE 3/11/20	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

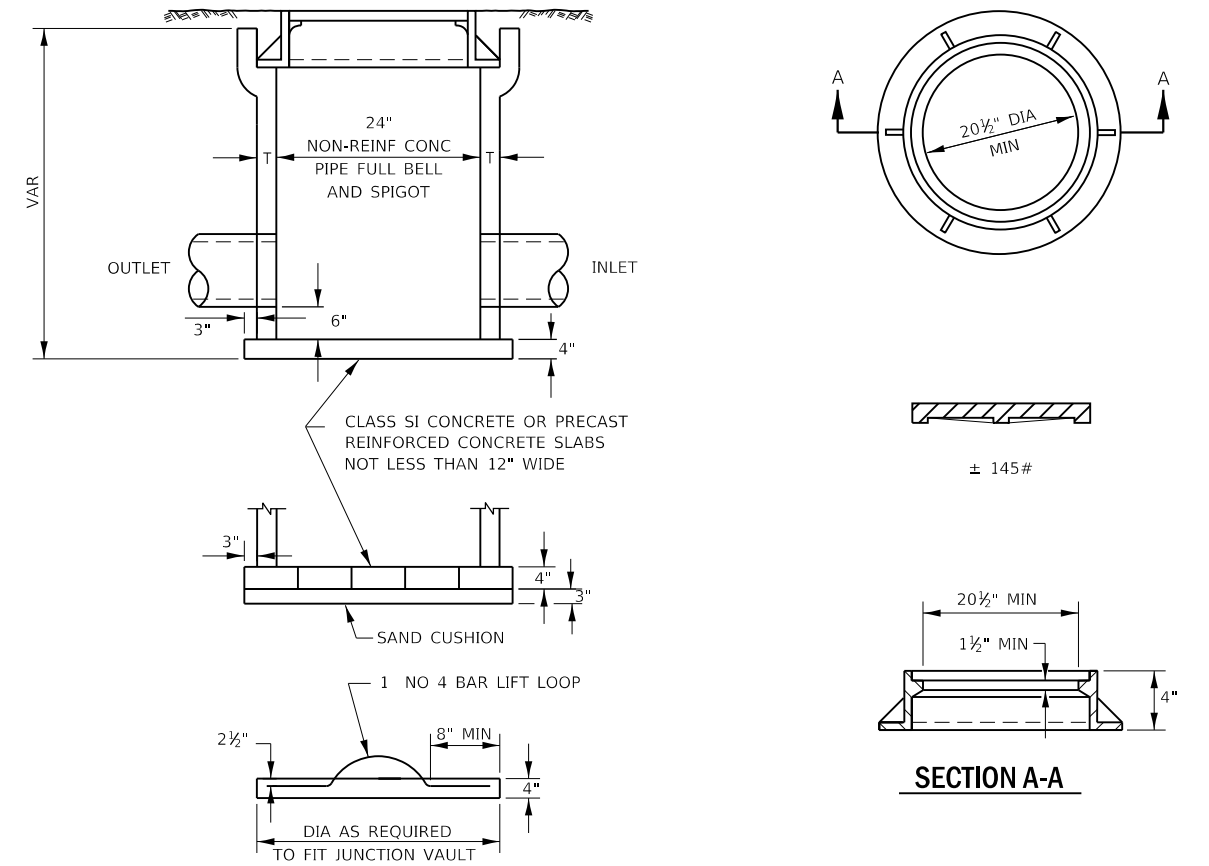
SOUTH WALL PLAN & ELEVATION
STRUCTURE NO. 050-8802

SCALE: 1"=6' SHEET 3 OF 11 SHEETS STA. TO STA.

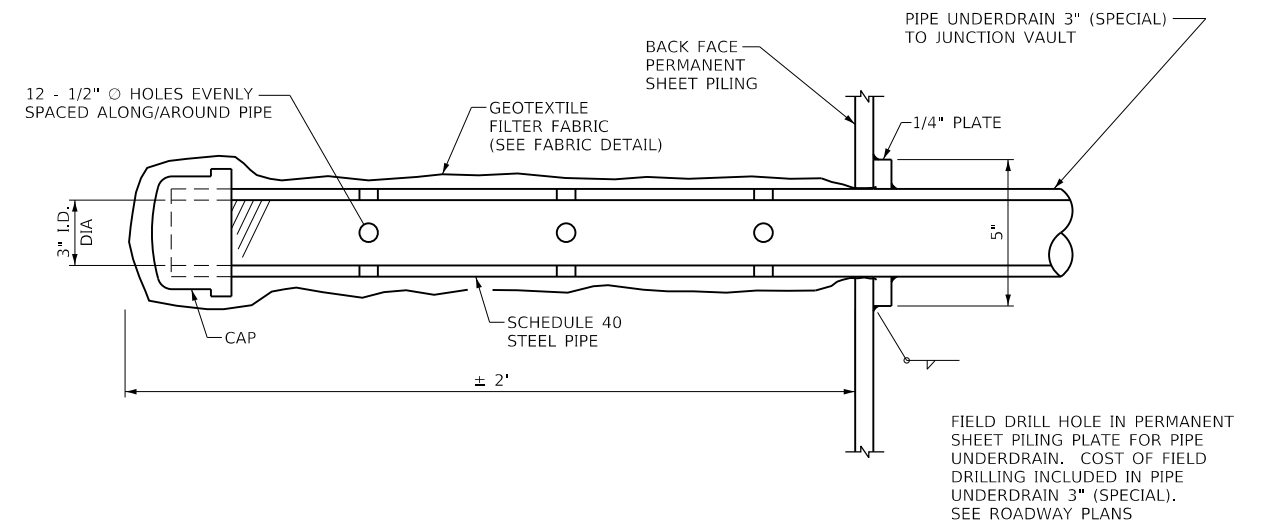
F.A.P. RTE. 46	SECTION (1)I-3	COUNTY LaSalle	TOTAL SHEETS 35	SHEET NO. 17
CONTRACT NO. 66L46				
ILLINOIS FED. AID PROJECT				



FABRIC DETAIL



FIELD TILE JUNCTION VAULT



PIPE UNDERDRAIN 3" (SPECIAL) DETAIL

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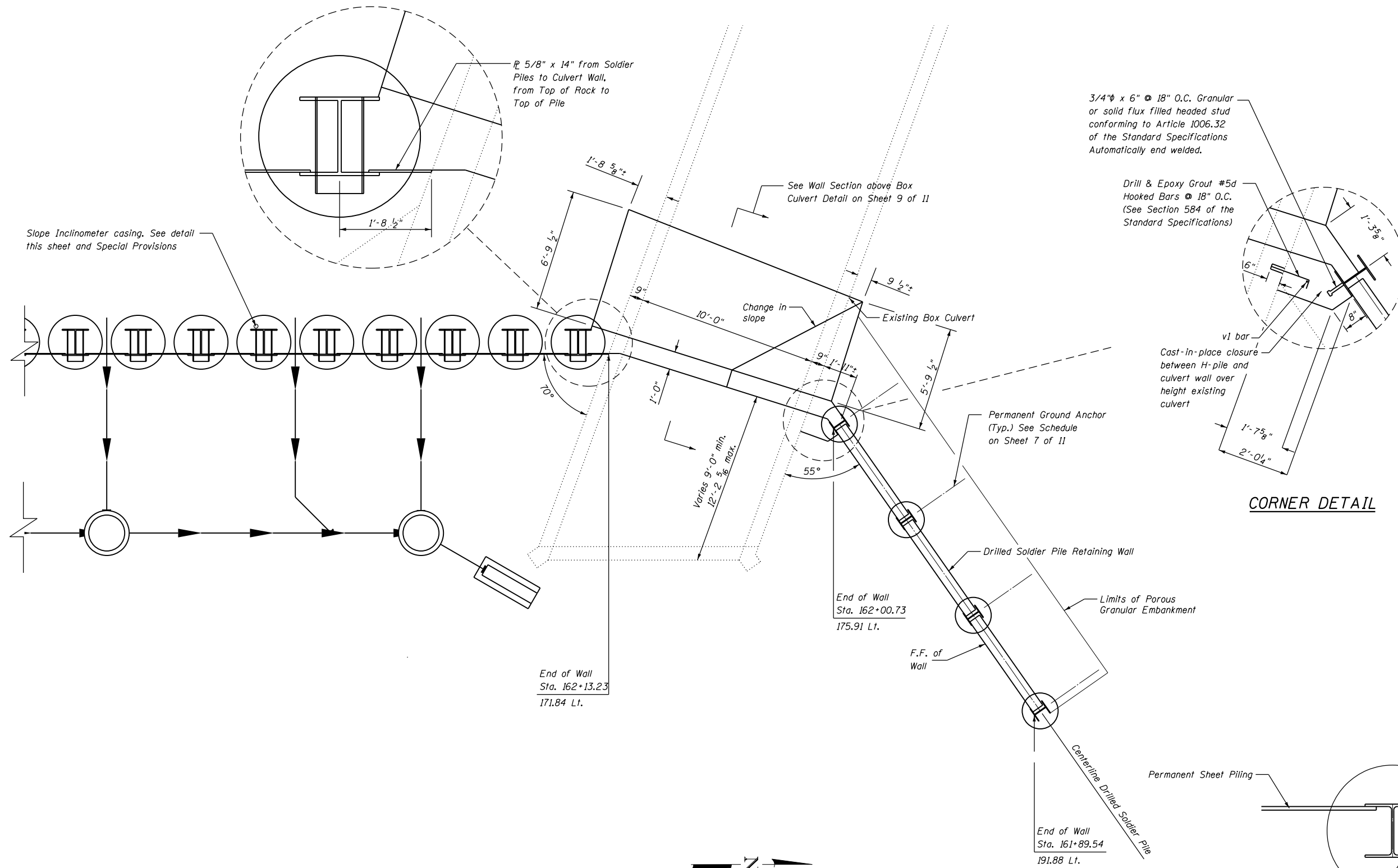


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DRAWN LAG	REVISOR -	
PLOT SCALE =	CHECKED JKC	REVISED -
PLOT DATE = 1/26/2021	DATE 3/11/20	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DRAINAGE DETAILS STRUCTURE NO. 050-8802			
SCALE: N.T.S.	SHEET 4	OF 11 SHEETS	STA. TO STA.

F.A.P. RTE. 46	SECTION (1)I-3	COUNTY LaSalle	TOTAL SHEETS 35	SHEET NO. 18
CONTRACT NO. 66L46				
ILLINOIS FED. AID PROJECT				



Slope Inclinator casing. See detail this sheet and Special Provisions

ϕ 5/8" x 14" from Soldier Piles to Culvert Wall, from Top of Rock to Top of Pile

See Wall Section above Box Culvert Detail on Sheet 9 of 11

3/4" ϕ x 6" ϕ 18" O.C. Granular or solid flux filled headed stud conforming to Article 1006.32 of the Standard Specifications Automatically end welded.

Drill & Epoxy Grout #5d Hooked Bars ϕ 18" O.C. (See Section 584 of the Standard Specifications)

Cast-in-place closure between H-pile and culvert wall over height existing culvert

Permanent Ground Anchor (Typ.) See Schedule on Sheet 7 of 11

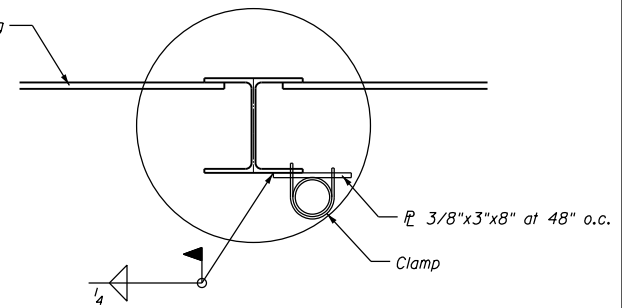
End of Wall Sta. 162+00.73 175.91 Lt.

End of Wall Sta. 162+13.23 171.84 Lt.

End of Wall Sta. 161+89.54 191.88 Lt.

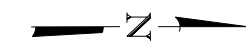
PLAN

CORNER DETAIL



SUGGESTED SLOPE INCLINOMETER CASING SUPPORT DETAIL

The cost of the plate, clamp, and field welding are included in "Slope Inclinator Casing".



FILE NAME = 05080802-66L46-005-PLAN.dgn



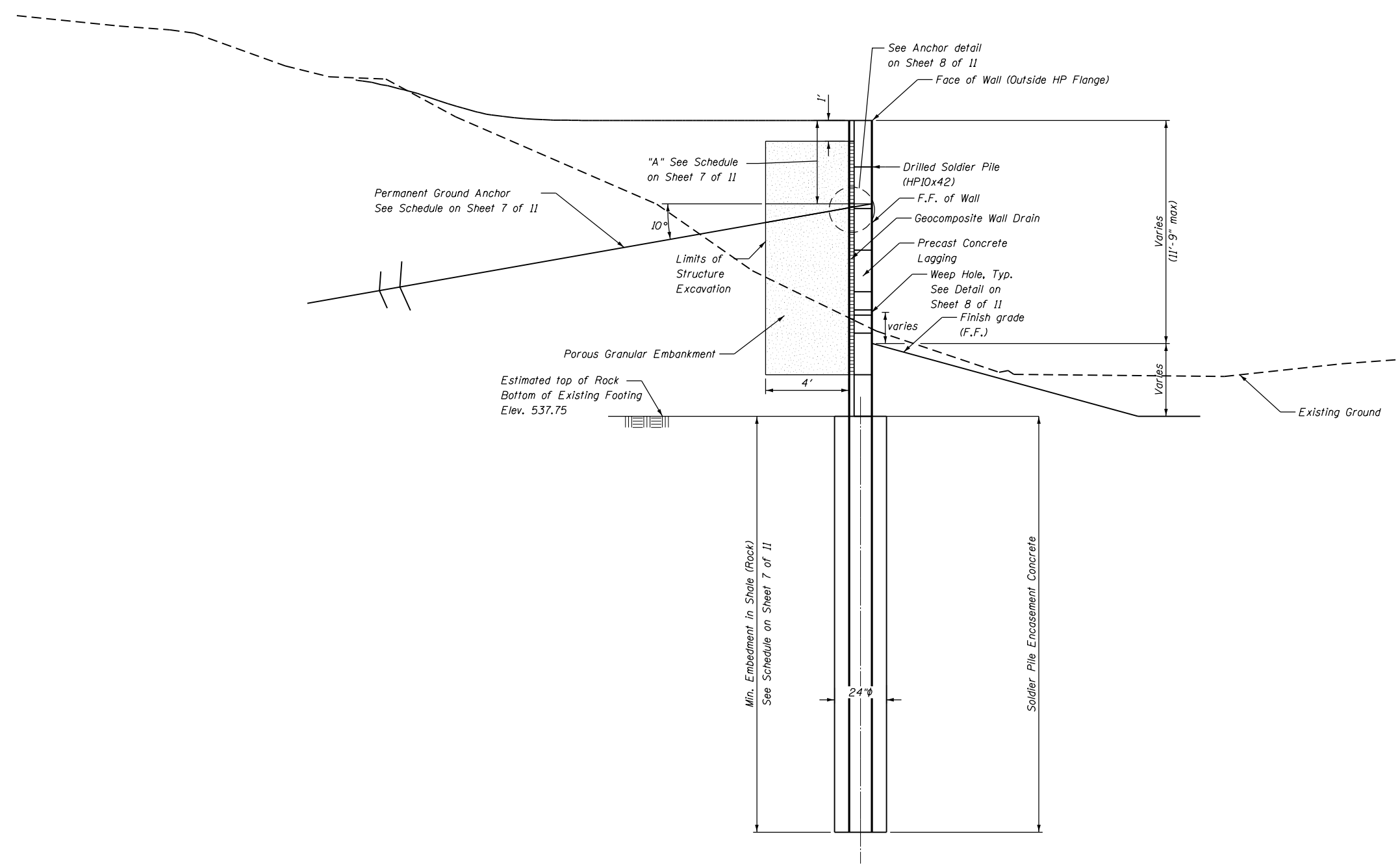
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DRAWN LAG	REVISOR -	
PLOT SCALE =	CHECKED JKC	REVISED -
PLOT DATE = 1/11/2021	DATE 7/5/18	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PARTIAL PLAN AND CORNER DETAILS
STRUCTURE NO. 050-8802

SCALE: 1"=8' SHEET 5 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
46	(1)I-3	LaSalle	35	19
CONTRACT NO. 66L46				
ILLINOIS FED. AID PROJECT				



NORTH WALL SECTION
(Looking Northeast)

FILE NAME = 0508802-66L46-086-NORTH-WALL-SECTION.dgn



USER NAME = CHAMLIN	DESIGNED JKC	REVISED -
DRAWN LAG		REVISED -
PLOT SCALE =	CHECKED JKC	REVISED -
PLOT DATE = 12/7/2020	DATE 7/5/18	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

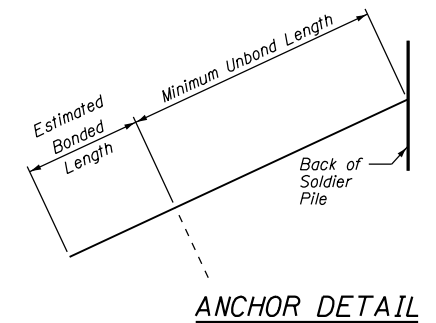
NORTH WALL SECTION
STRUCTURE NO. 050-8802

SCALE: 1"=8' SHEET 6 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
46	(1)I-3	LaSalle	35	20
CONTRACT NO. 66L46				
ILLINOIS FED. AID PROJECT				

SN 050-8802 DRILLED SOLDIER PILE SCHEDULE																
SOLDIER PILE STATION	TOP OF PILE ELEVATION	BOTTOM OF PILE ELEVATION	TOP OF ENCASEMENT ELEVATION	DEPTH OF ENCASEMENT	DRILLING AND SETTING SOLDIER PILES (IN ROCK)	DRILLING AND SETTING SOLDIER PILES (IN SOIL)	FURNISHING SOLDIER PILES (HP SECTION)	NUMBER OF 24" LAGGING PLANKS TO SOUTH	LAGGING WITH WEEP HOLE LOCATION	VARIABLE HEIGHT PRECAST LAGGING MAXIMUM & MINIMUM HEIGHT		PRECAST CONCRETE LAGGING AREA	"A" **	SERVICE DESIGN LOAD	MINIMUM UNBONDED LENGTH*	ESTIMATED BONDED LENGTH
	(FEET)	(FEET)	(FEET)	(FEET)	(CU. FT.)	(CU. FT.)	(FEET)	(EACH)	---	MAX (FEET)	MIN (FEET)	(SQ. FT.)	(FEET)	(KIPS)	(FEET)	(FEET)
NORTH WALL																
STA 161+89.54	545.50	529.75	537.75	8.00	25.13	---	15.75	3	---	3.70	1.75	52.35	1	15.1	15	15
STA 161+93.27	547.45	529.75	537.75	8.00	25.13	---	17.70	4	3rd from bottom	3.65	1.70	64.05	2	20.1	15	15
STA 161+97.00	549.40	529.75	537.75	8.00	25.13	---	19.65	5	2nd from bottom	2.75	1.65	73.20	2	29.4	15	17
STA 162+00.73	550.50	529.75	537.75	8.00	25.13	---	20.75	---	---	---	---	---	2	42.0	15	24
SOUTH WALL																
STA 162+14.95	554.00	524.15	537.15	13.00	91.89	88.36	29.85	---	---	---	---	---	3.00	73.30	20	10
STA 162+18.45	555.00	524.15	537.15	13.00	91.89	88.36	30.85	---	---	---	---	---	4.00	93.10	20	10
STA 162+21.95	556.50	524.15	537.15	13.00	91.89	83.90	32.35	---	---	---	---	---	5.50	115.60	20	10
STA 162+25.45	558.00	524.15	537.15	13.00	91.89	86.10	33.85	---	---	---	---	---	7.00	169.40	20	10
STA 162+28.95	558.00	524.15	537.15	13.00	91.89	91.47	33.85	---	---	---	---	---	7.00	169.40	20	10
STA 162+32.45	558.00	524.15	537.15	13.00	91.89	98.89	33.85	---	---	---	---	---	7.00	169.40	20	10
STA 162+35.95	558.00	524.15	537.15	13.00	91.89	102.99	33.85	---	---	---	---	---	7.00	169.40	20	10
STA 162+39.45	558.00	524.15	537.15	13.00	91.89	106.03	33.85	---	---	---	---	---	7.00	169.40	20	10
STA 162+42.95	558.00	524.15	537.15	13.00	91.89	108.01	33.85	---	---	---	---	---	7.00	169.40	20	10
STA 162+46.45	558.00	524.15	537.15	13.00	91.89	110.84	33.85	---	---	---	---	---	7.00	169.40	20	10
STA 162+49.95	558.00	524.15	537.15	13.00	91.89	111.12	33.85	---	---	---	---	---	7.00	169.40	20	10
STA 162+53.45	558.00	524.15	537.15	13.00	91.89	110.91	33.85	---	---	---	---	---	7.00	169.40	20	10
STA 162+56.95	558.00	524.15	537.15	13.00	91.89	110.69	33.85	---	---	---	---	---	7.00	169.40	20	10
STA 162+60.45	558.00	524.15	537.15	13.00	91.89	111.68	33.85	---	---	---	---	---	7.00	169.40	20	10
STA 162+63.95	558.00	524.15	537.15	13.00	91.89	114.51	33.85	---	---	---	---	---	7.00	169.40	20	10
STA 162+67.45	558.00	524.15	537.15	13.00	91.89	119.03	33.85	---	---	---	---	---	7.00	169.40	20	10
STA 162+70.95	558.00	524.15	537.15	13.00	91.89	125.54	33.85	---	---	---	---	---	7.00	169.40	20	10
STA 162+74.45	558.00	524.15	537.15	13.00	91.89	131.62	33.85	---	---	---	---	---	7.00	169.40	20	10
STA 162+77.95	558.00	524.15	537.15	13.00	91.89	136.99	33.85	---	---	---	---	---	7.00	169.40	20	10
STA 162+81.45	558.00	524.15	537.15	13.00	91.89	139.53	33.85	---	---	---	---	---	7.00	169.40	20	10
STA 162+84.95	558.00	524.15	537.15	13.00	91.89	142.29	33.85	---	---	---	---	---	7.00	169.40	20	10
TOTAL QUANTITY=					2030	2319	776					190	* Minimum Length = 15'			

** See Anchor Detail on sheet 3 (South Wall) or 8 (North Wall) of 11



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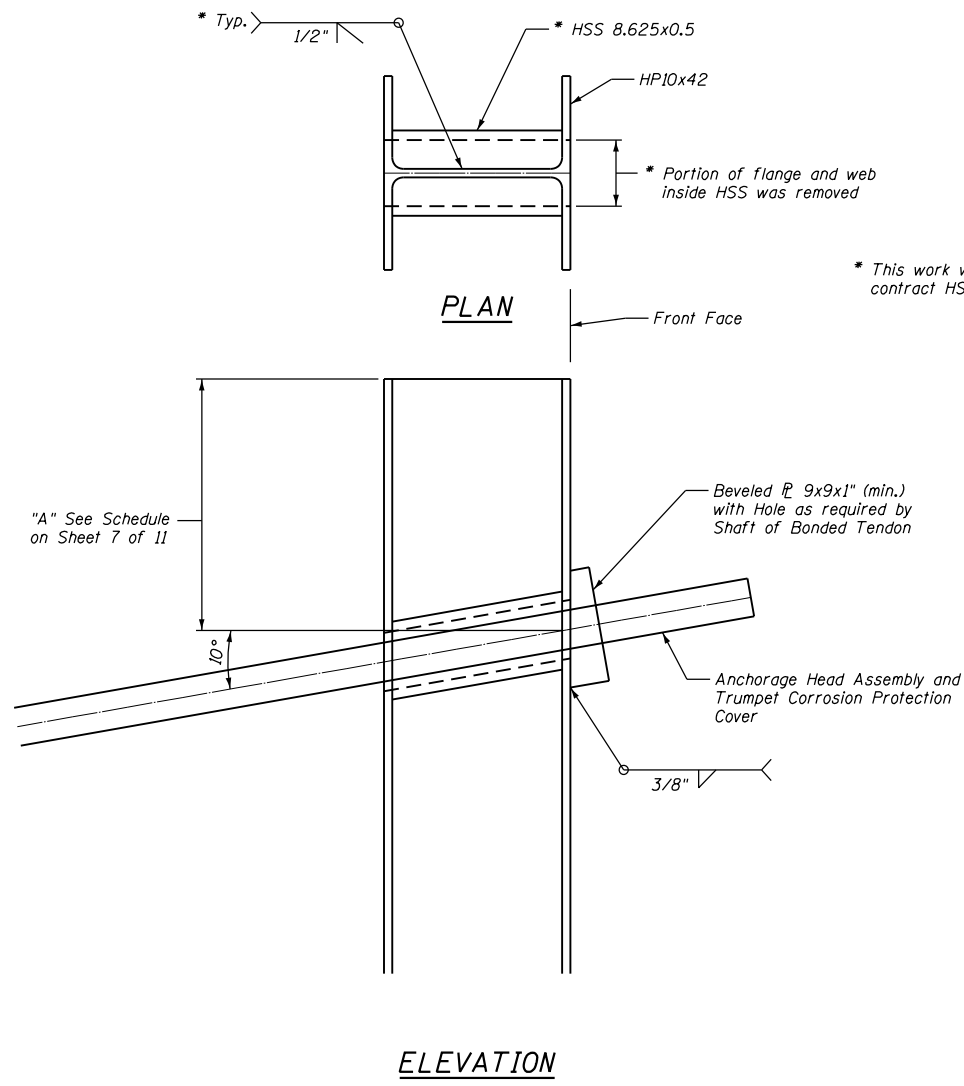
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DRAWN LAG	REVISOR -	
PLOT SCALE =	CHECKED JKC	REVISED -
PLOT DATE = 12/7/2020	DATE 7/5/18	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRILLED SOLDIER PILE SCHEDULE
STRUCTURE NO. 050-8802

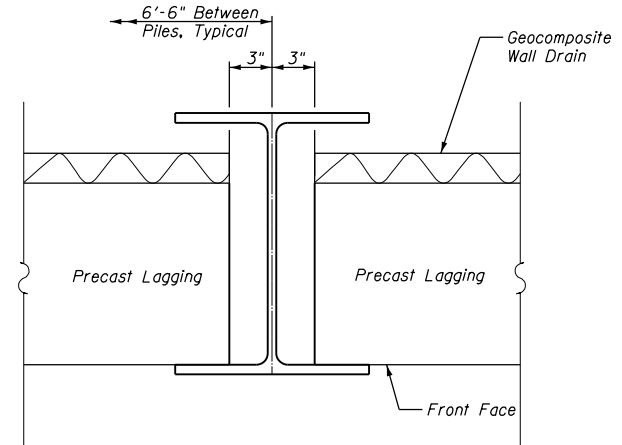
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F.A.P. RTE. 46	SECTION (1)I-3	COUNTY LaSalle	TOTAL SHEETS 35	SHEET NO. 21
CONTRACT NO. 66L46				
ILLINOIS FED. AID PROJECT				

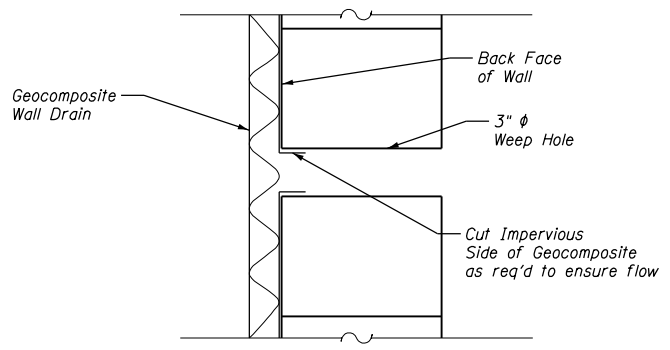


ELEVATION

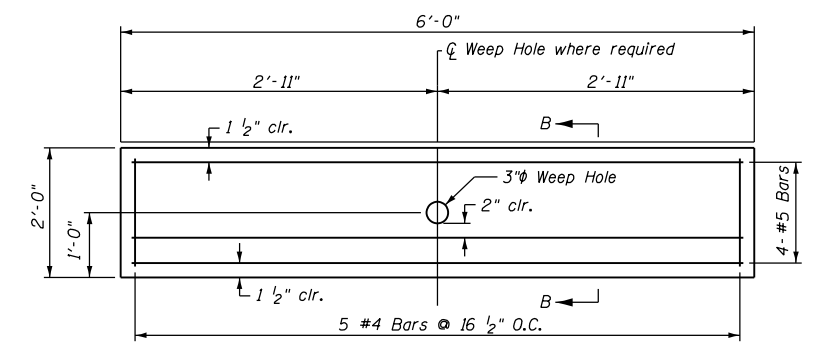
ANCHOR DETAIL



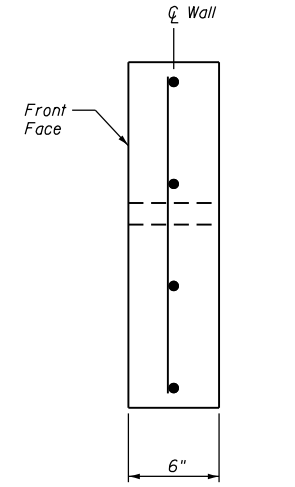
SECTION THROUGH SOLDIER PILE



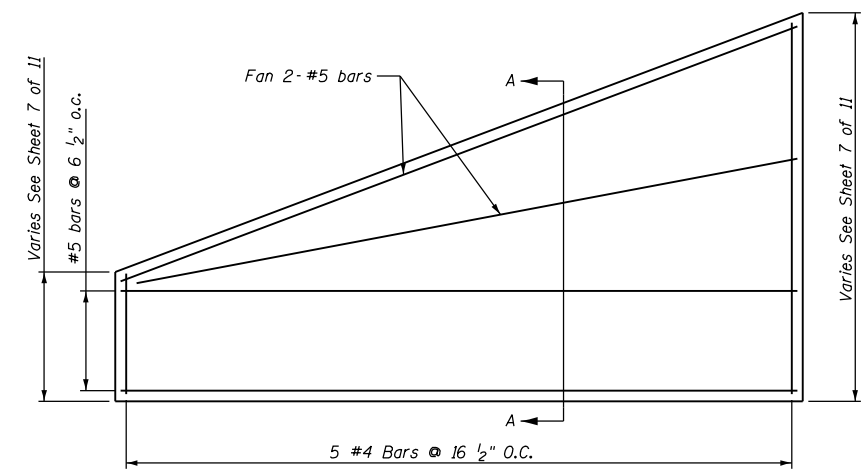
WEEP HOLE DRAIN DETAIL



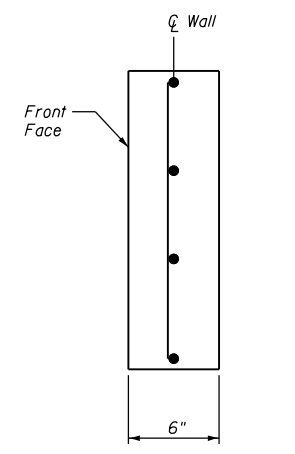
24\"/>



SECTION B-B



VARIABLE DEPTH PRECAST LAGGING



SECTION A-A

DETAILS FOR PRECAST CONCRETE LAGGING ARE FOR INFORMATION ONLY THESE ITEMS WERE FABRICATED IN A PREVIOUS CONTRACT

Notes
Contractor shall obtain the Precast Contract logging from the District and erect them in the plan location.

FILE NAME = 060802-66L46-010-DETAILS.dgn



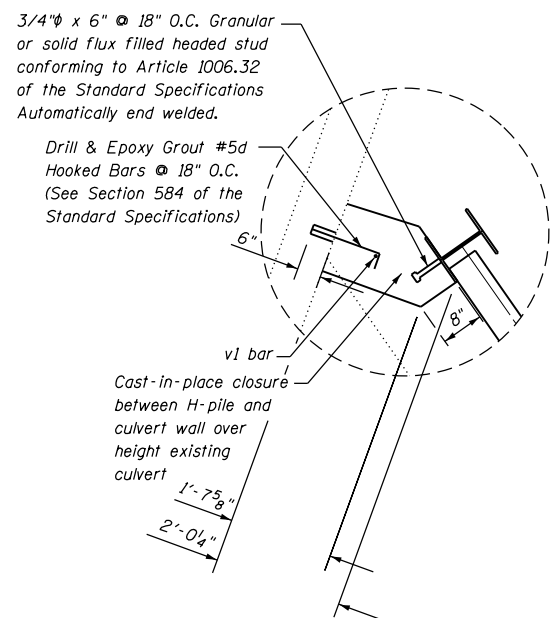
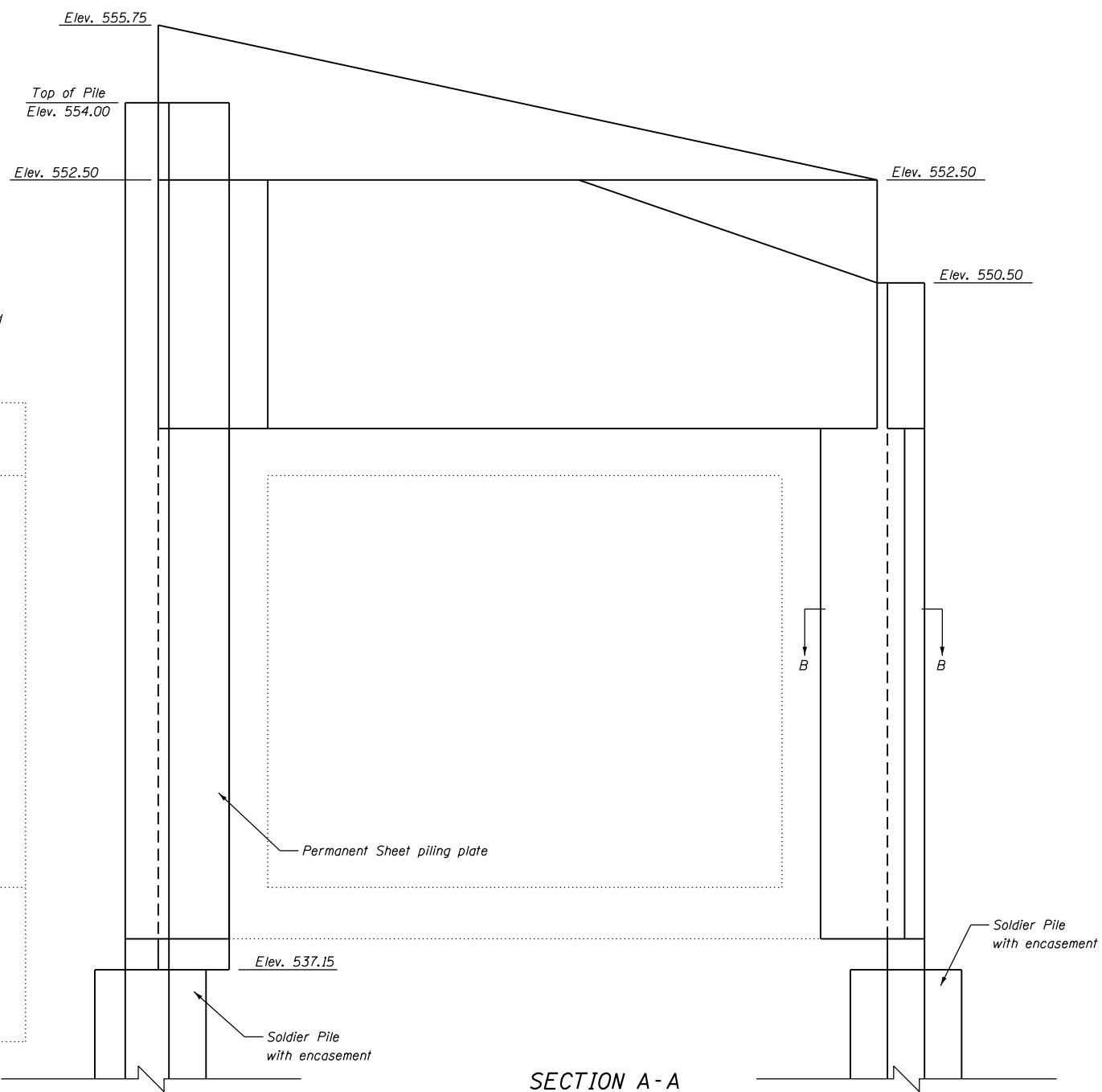
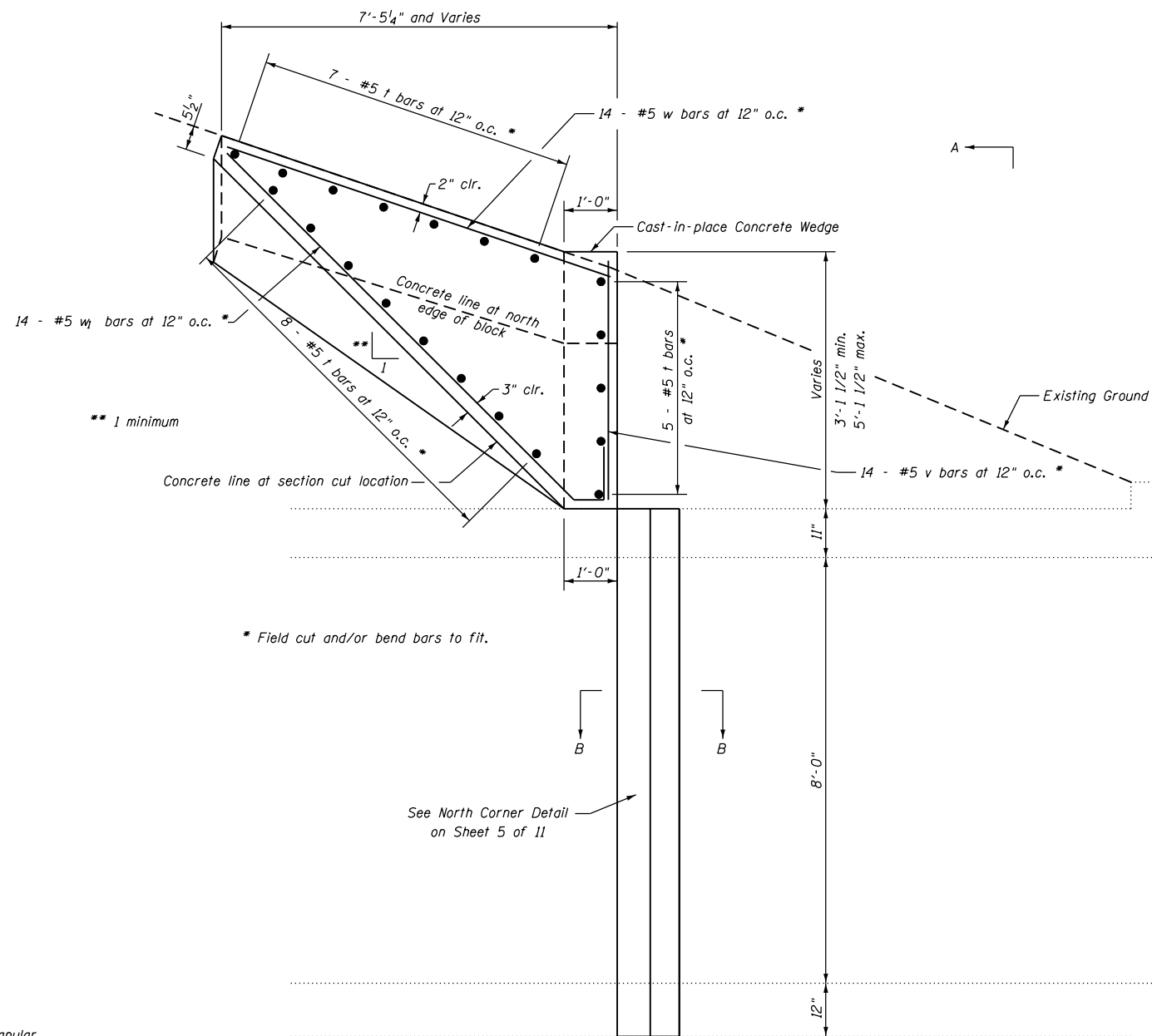
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DRAWN LAG	CHECKED JKC	REVISED -
PLOT SCALE =	DATE 7/5/18	REVISED -
PLOT DATE = 12/22/2020		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**NORTH WALL DETAILS
STRUCTURE NO. 050-8802**

SCALE: SHEET 8 OF 11 SHEETS STA. TO STA.

F.A.P. RTE. 46	SECTION (1)I-3	COUNTY LaSalle	TOTAL SHEETS 35	SHEET NO. 22
CONTRACT NO. 66L46				
ILLINOIS FED. AID PROJECT				



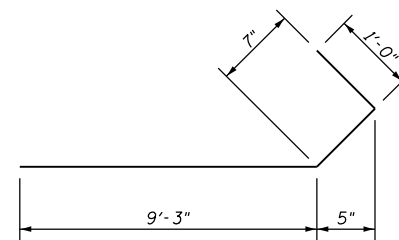
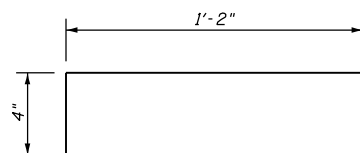
WALL SECTION ABOVE BOX CULVERT

(Looking North)
(Section cut location is shown on Sheet 5 of 11)

SECTION A-A

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
d	7	#5	1'-6"	L
t	20	#5	13'-9"	—
v	14	#5	4'-6"	—
v ₁	1	#5	9'-7"	—
w	14	#5	7'-9"	—
w ₁	14	#5	10'-10"	~
Reinforcement Bars			Pound	645
Concrete Structures			Cu. Yds.	11.6



d bar

w₁ bar

FILE NAME = 082002-561-46-802-WALL DETAIL.dwg



USER NAME = CHAMLIN	DESIGNED JKC	REVISED -
	DRAWN LAG	REVISED -
PLOT SCALE =	CHECKED JKC	REVISED -
PLOT DATE = 1/7/2021	DATE 7/5/18	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**WALL ABOVE CULVERT DETAIL
STRUCTURE NO. 050-8802**

SCALE: SHEET 9 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
46	(1)I-3	LaSalle	35	23
CONTRACT NO. 66L46				
ILLINOIS FED. AID PROJECT				

NOTES

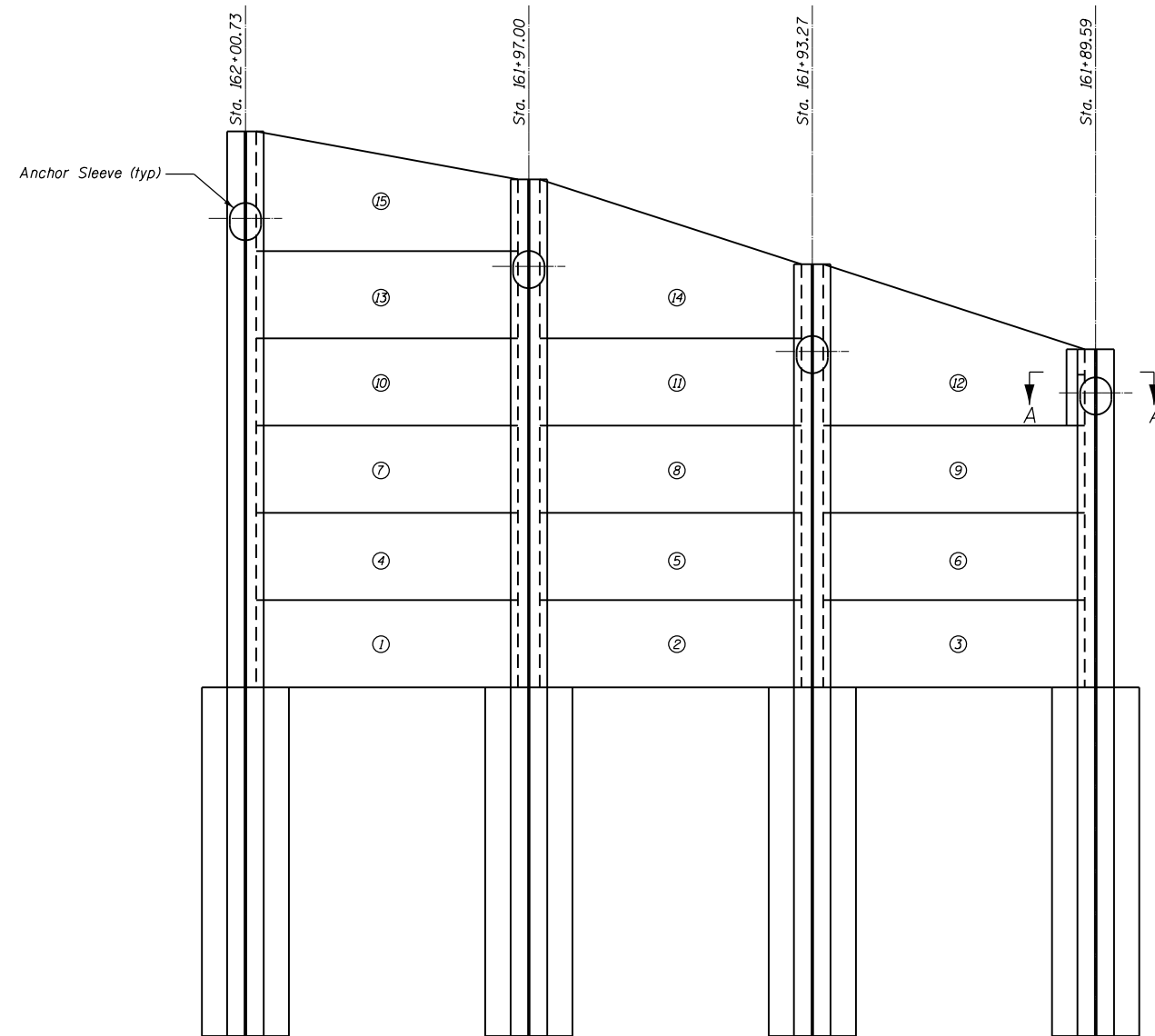
It is anticipated that the anchor sleeves will prevent the precast panels from being dropped from the top.

Panels 1 through 10 may be placed by rotating the panels between the soldier piles below the sleeves.

Panels 11 and 13 through 15 will require minor concrete removal per Article 501 of the Standard Specification. Concrete shall be chipped to allow the panel to fit around the sleeve. Panels 11 and 13 will need to be placed similar to panels 1 through 10.

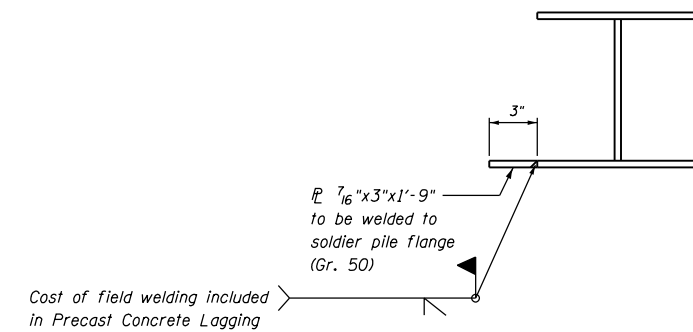
Panel 12 will need to be chipped similar to panels 13 through 15 but will also need to be saw cut to clear the sleeve of the soldier pile at Sta. 161+89.54. Saw cut 3" off the short end to panel 13.

The work to chip the precast panels and to add the steel plate to the soldier pile shall be included in the cost to install the precast lagging.



⊙ - Panel number

ELEVATION



SECTION A-A

FILE NAME = 050802-66L46-003-DETAILS.dgn



USER NAME = CHAMLIN	DESIGNED JKC	REVISED -
DRAWN ARR	CHECKED JKC	REVISED -
PLOT SCALE =	DATE 12/04/20	REVISED -
PLOT DATE = 12/22/2020		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LAGGING INSTALLATION DETAIL
STRUCTURE NO. 050-8802**

SCALE: 1"=6' SHEET 10 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
46	(1)I-3	LaSalle	35	24
CONTRACT NO. 66L46				
ILLINOIS FED. AID PROJECT				



Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 1

Date 6/22/00

ROUTE FA 46 (IL 251) DESCRIPTION IL 251 North Bound Slope Failure South of Shooting Park Road in Peru LOGGED BY DPS
SECTION (1)I LOCATION NW 1/4, SEC. 16, TWP. 33N, RNG. 1E, 3rd PM,
COUNTY LaSalle DRILLING METHOD Hollow Stem Auger HAMMER TYPE _____

STRUCT. NO.	DEPTH	BLOW	UCS	MOIST	Surface Water Elev.	DEPTH	BLOW	UCS	MOIST	
Station	H	S	Qu	T	ft	H	S	Qu	T	
BORING NO.	Offset	Ground Surface Elev.	(ft)	(/6")	(tsf)	(%)	Groundwater Elev.:	First Encounter	Upon Completion	After 24 Hrs.
6 ('00 Boring #3)	162+90 ***	190.0 ft Lt. ***	ft	(ft)	(/6")	(tsf)	ft	ft	ft	ft
Brown Soft Silty Clay Loam	2									
	2	0.3	33							
550.85	3	P								
Brown & Gray Stiff Clay Loam with trace of Coal	2									
	3	1.8	26							
549.35	2	P								
Brown Stiff Clay Loam with Gravel	2									
	2	1.5	25							
	4	P								
547.35	4									
Brown Medium Silty Clay with trace of Coal, Gravel at 6.5'	2									
	2	1.0	27							
545.85	5	P								
Brown Medium Silty Clay with trace of Gravel	2									
	2		27							
544.35	3									
Gray & Brown Medium Clay Loam	1									
	2	0.8	34							
543.02	3	B								
Black Medium Coal - Low Temp - Actual thickness of Coal may be as small as 2"	4		115							
542.35	-10									
Gray Stiff Clay Loam	2									
	2	1.9	33							
540.85	5	B								
Gray & Red Stiff Clay Loam	1									
	2	1.1	31							
539.35	4	S								
Red Hard Shaley Clay	5									
	11	6.3	17							
538.35	11	S								
Gray Hard Shaley Clay	15									
	19	6.9	17							
	-15									
	8	S								
	17	>4.5	13							
535.85	52	P								
Gray Hard Shale	11									
	19		15							
534.35	81/1"									
Hard Limestone	100/0"									
* Hole Collapsed at 15.0 Ft. at Completion. No Groundwater above this point.										
	-20									

** At 24 hours, no Groundwater above top of hole collapse at 15.0 Ft.
*** Station and Offset estimated from notes in file and 2016 survey data.
End of Boring

SOIL BORING IL 251 NBL SLIDE GPJ IL_DOT.GDT 11/6/17

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, form 137 (Rev. 8-99)

FILE NAME = 05080802-56L46-010-BL.DWG.dgn



USER NAME = CHAMLIN	DESIGNED - JKC	REVISED -
	DRAWN - LAG	REVISED -
PLOT SCALE =	CHECKED - JKC	REVISED -
PLOT DATE = 12/7/2020	DATE - 7/5/18	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SOIL BORINGS
STRUCTURE NO. 050-8802**

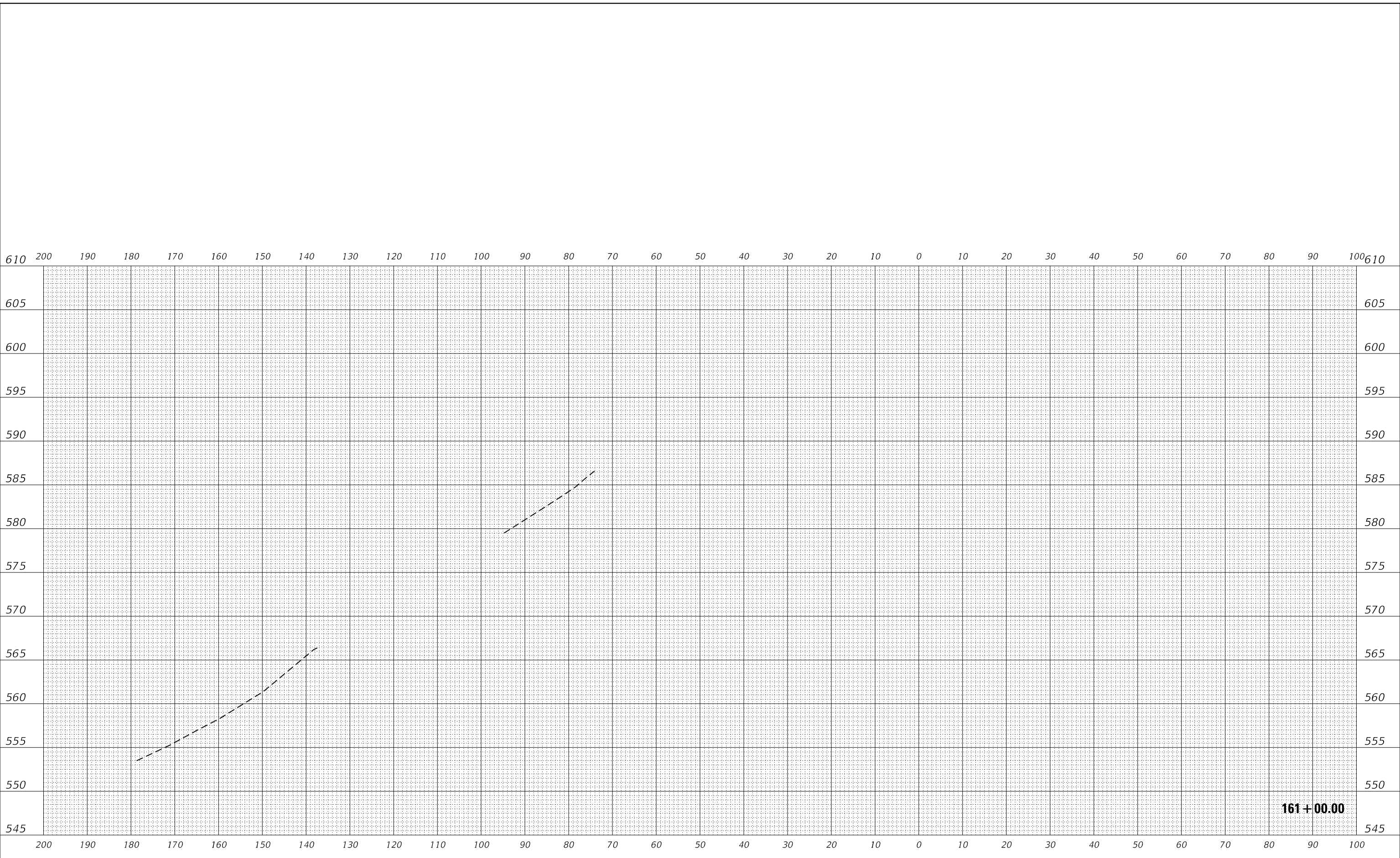
SCALE: SHEET 11 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
46	(1)I-3	LASALLE	35	25
CONTRACT NO. 66L46				
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	

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161+00.00

USER NAME = nanciv	DESIGNED - _____	REVISED - _____
PLOT SCALE = 20.0000' / in.	DRAWN - _____	REVISED - _____
PLOT DATE = 12/7/2020	CHECKED - _____	REVISED - _____
	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE: _____	SHEET _____	OF _____ SHEETS	STA. 161+00.00 TO STA. 161+00.00
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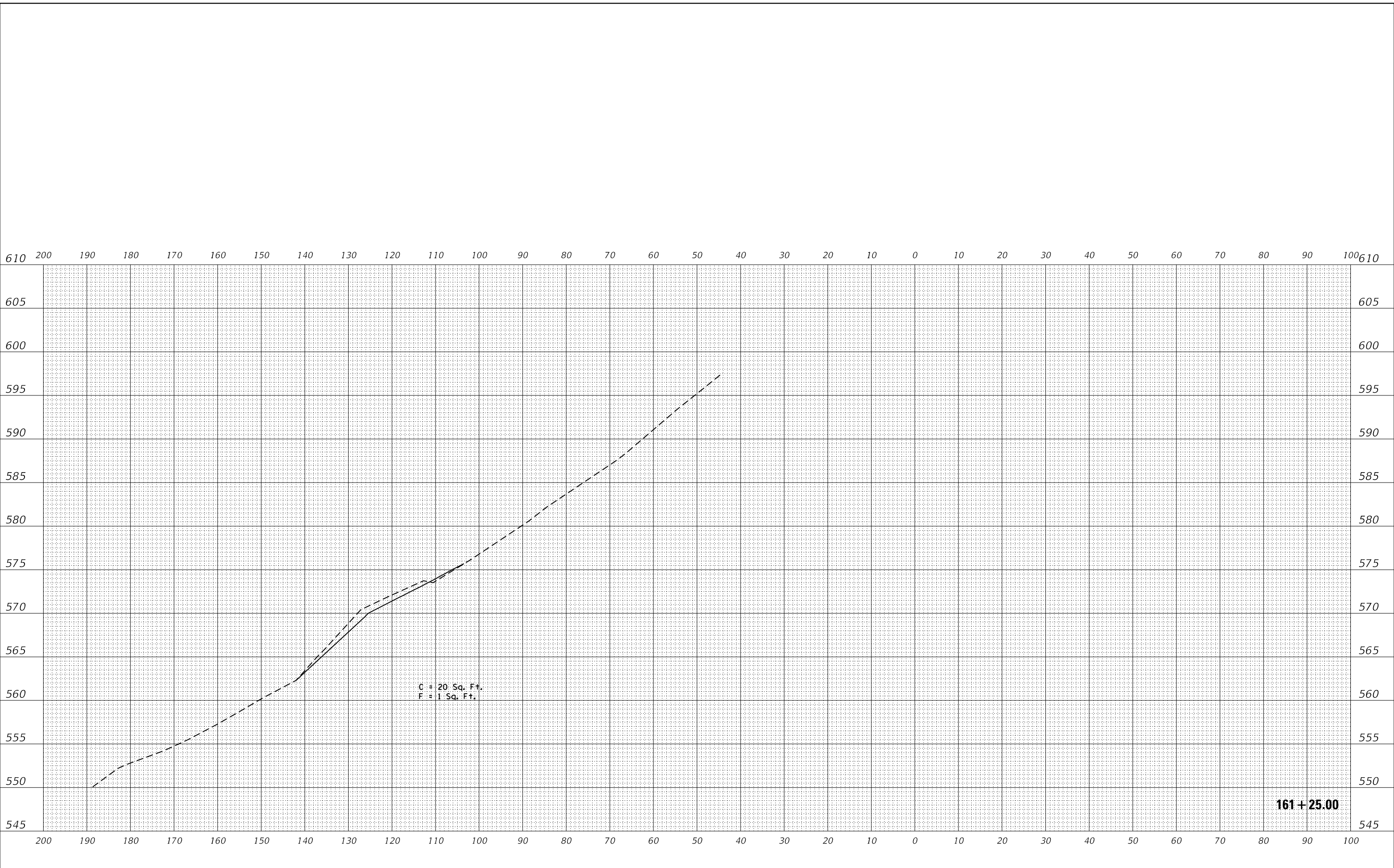
**IL 251
 CROSS SECTIONS**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
46	(1)I-3	LaSalle	35	26
CONTRACT NO. 66L46				
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	

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PLOT SCALE = 20.0000' / in.	DRAWN - _____	REVISED - _____
PLOT DATE = 12/7/2020	CHECKED - _____	REVISED - _____
	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE: _____	SHEET _____	OF _____ SHEETS	STA. 161+25.00 TO STA. 161+25.00
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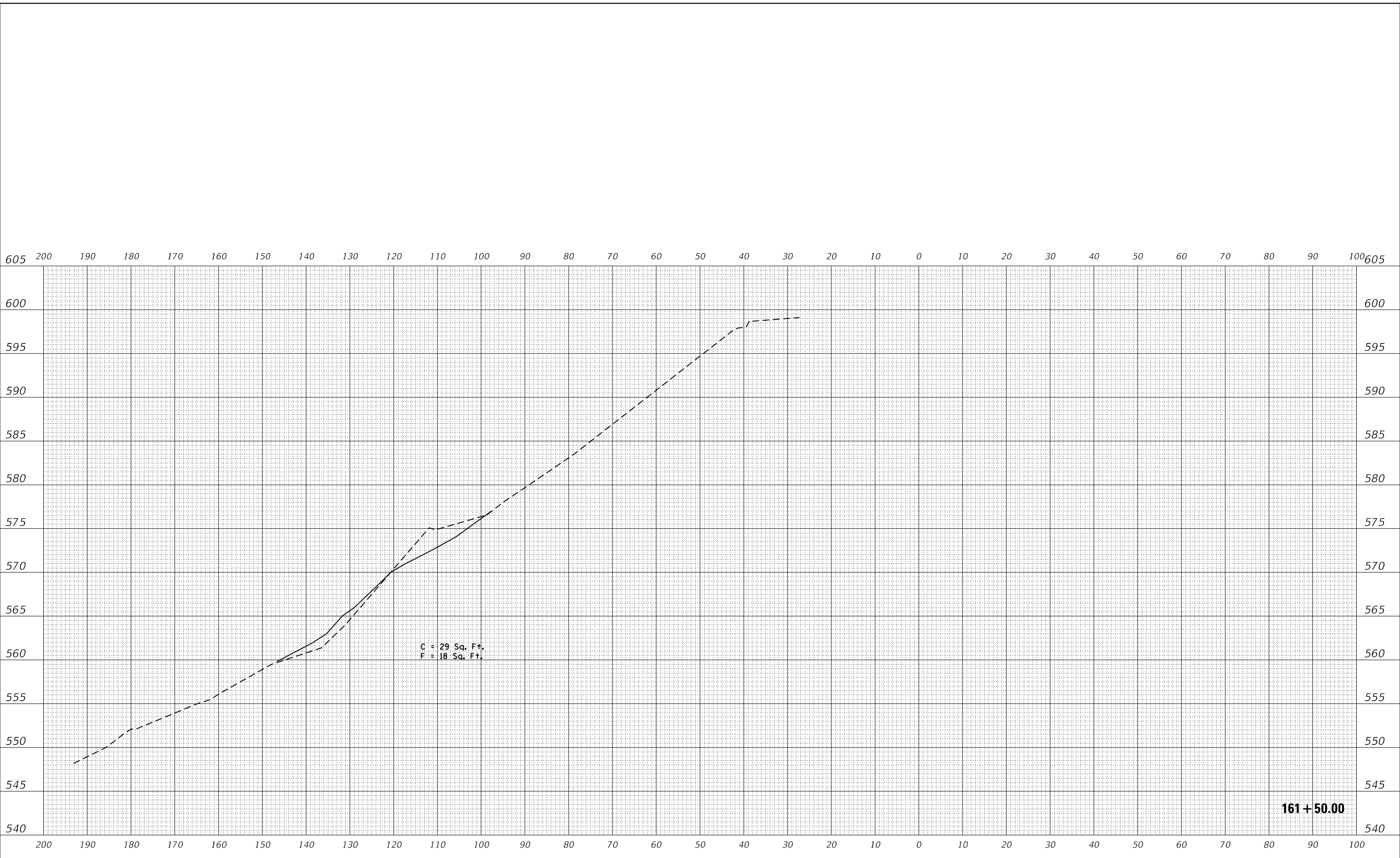
**IL 251
CROSS SECTIONS**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
46	(1)I-3	LaSalle	35	27
CONTRACT NO. 66L46				
ILLINOIS FED. AID PROJECT				

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

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

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161+50.00

USER NAME = nanciv	DESIGNED - _____	REVISED - _____
PLOT SCALE = 20,0009' / in.	DRAWN - _____	REVISED - _____
PLOT DATE = 12/7/2020	CHECKED - _____	REVISED - _____
	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE: _____	SHEET _____ OF _____ SHEETS	STA. 161+50.00 TO STA. 161+50.00
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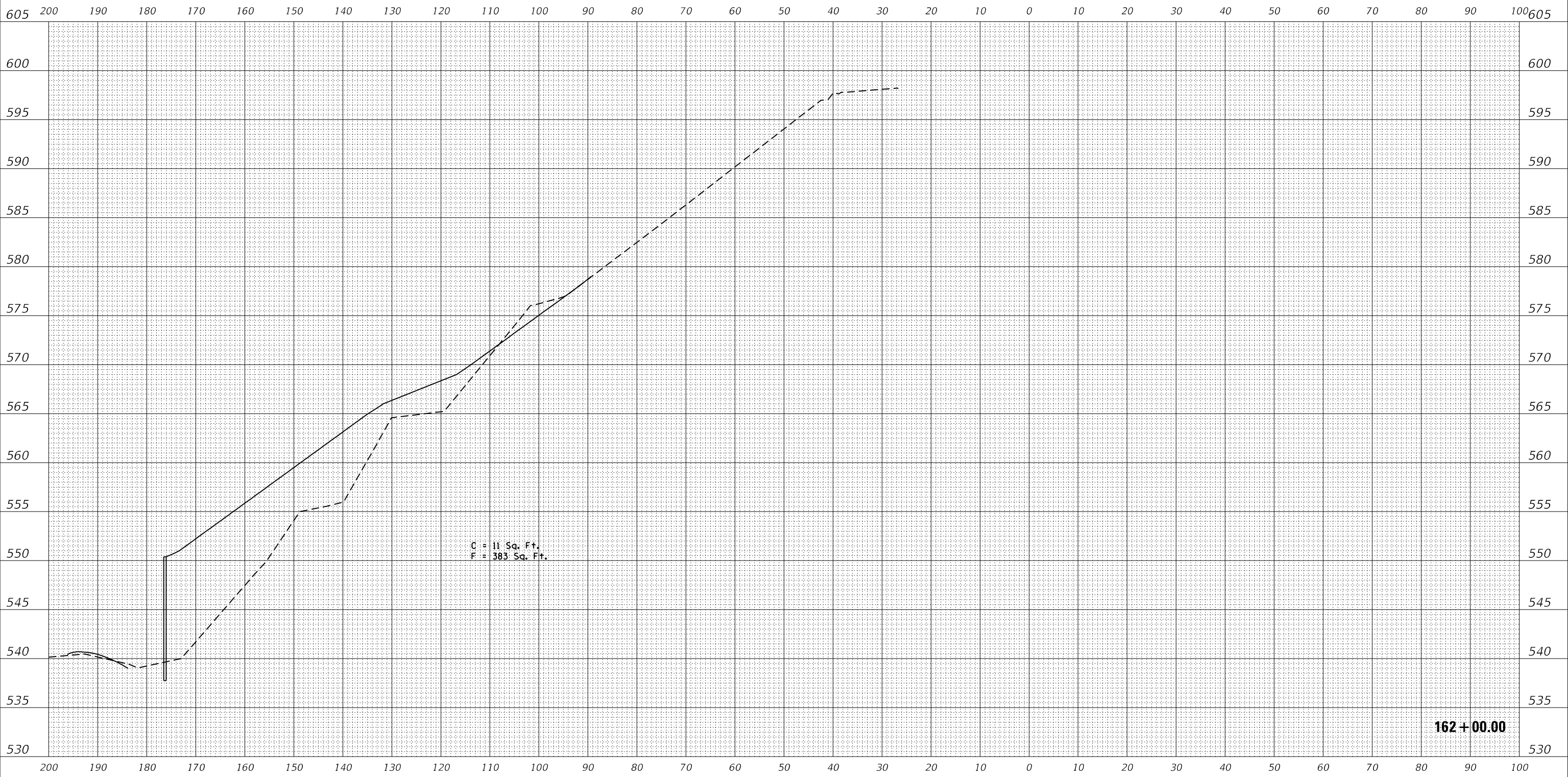
**IL 251
 CROSS SECTIONS**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
46	(1)I-3	LaSalle	35	28
CONTRACT NO. 66L46				
ILLINOIS FED. AID PROJECT				

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

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

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USER NAME = calderoni	DESIGNED - _____	REVISED - _____
	DRAWN - _____	REVISED - _____
PLOT SCALE = 20.0000' / in.	CHECKED - _____	REVISED - _____
PLOT DATE = 12/9/2020	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL 251
 CROSS SECTIONS**

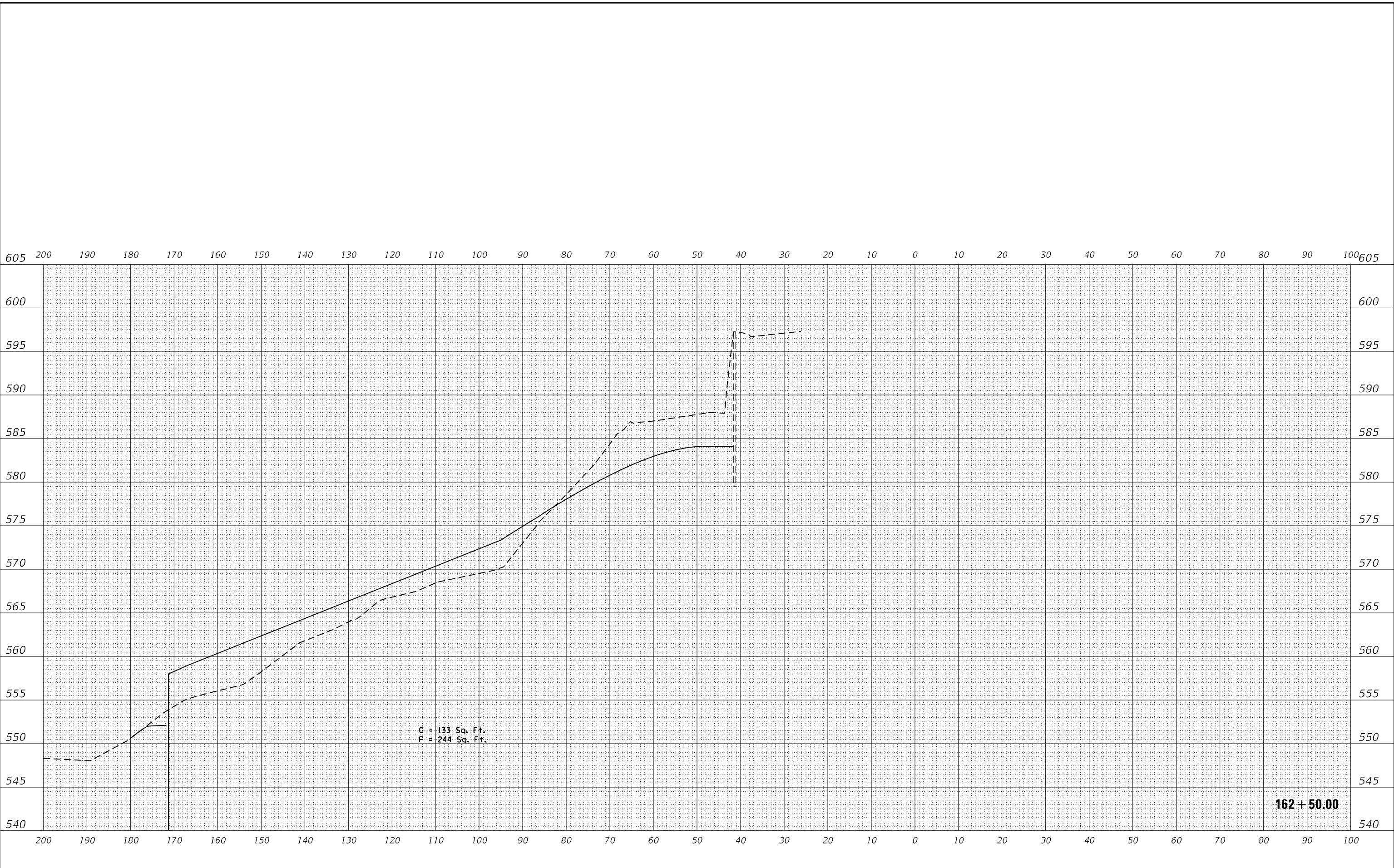
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
46	(1)-3	LaSalle	35	30
CONTRACT NO. 66L46				
ILLINOIS FED. AID PROJECT				

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

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

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USER NAME = calderoni	DESIGNED - _____	REVISED - _____
PLOT SCALE = 20.0000' / in.	DRAWN - _____	REVISED - _____
PLOT DATE = 12/9/2020	CHECKED - _____	REVISED - _____
	DATE - _____	REVISED - _____

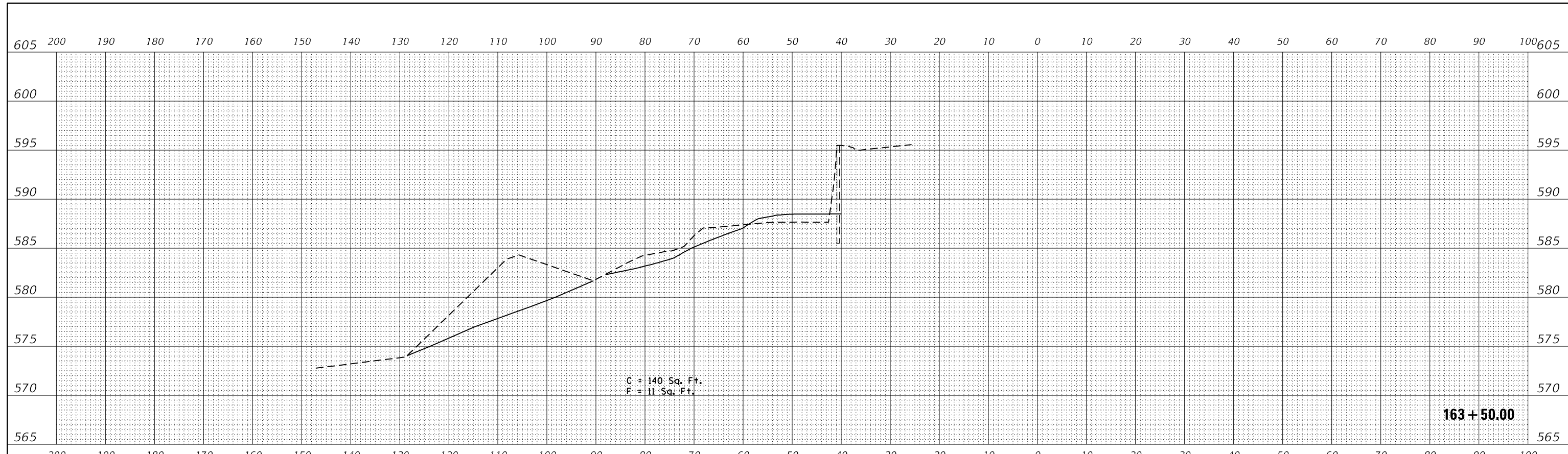
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE: _____	SHEET _____	OF _____	SHEETS	STA. 162+50.00	TO STA. 162+50.00
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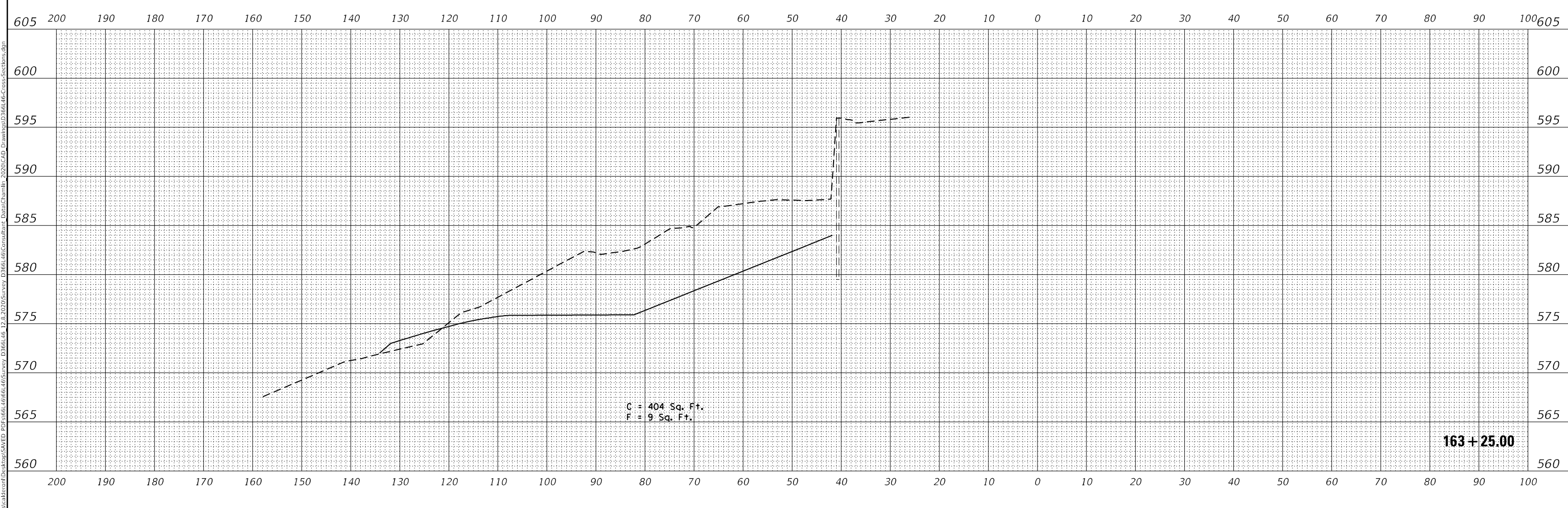
**IL 251
 CROSS SECTIONS**

F.A.U. RTE. 46	SECTION (1)I-3	COUNTY LaSalle	TOTAL SHEETS 35	SHEET NO. 32
			CONTRACT NO. 66L46	
		ILLINOIS FED. AID PROJECT		

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



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



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PLOT SCALE = 20,0000 ' / in.	DRAWN - _____	REVISED - _____
PLOT DATE = 12/9/2020	CHECKED - _____	REVISED - _____
	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL 251
 CROSS SECTIONS**

SCALE: _____ SHEET _____ OF _____ SHEETS STA. 163+25.00 TO STA. 163+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
46	(1)-3	LaSalle	35	34
CONTRACT NO. 66L46				
ILLINOIS FED. AID PROJECT				

