

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED FEDERAL-AID PROJECT

PROPOSED HIGHWAY PLANS

CARGILL ELEVATOR ROAD  
SECTION 05-00043-00-PV  
PROJECT UADT(679)  
VILLAGE OF CAHOKIA

ST. CLAIR COUNTY

C-98-327-06

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH37	05-00043-00-PV	ST CLAIR	96	1
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 97654				

INDEX OF SHEETS

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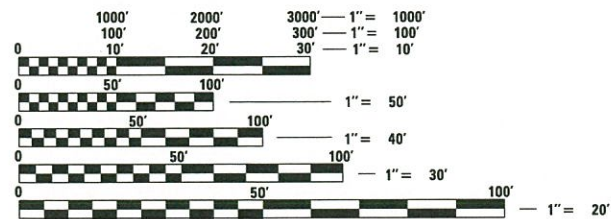
HIGHWAY STANDARDS

SEE SHEET 2 FOR LIST OF HIGHWAY STANDARDS

UTILITY OWNERS

SEE SHEET 2 FOR UTILITY OWNERS

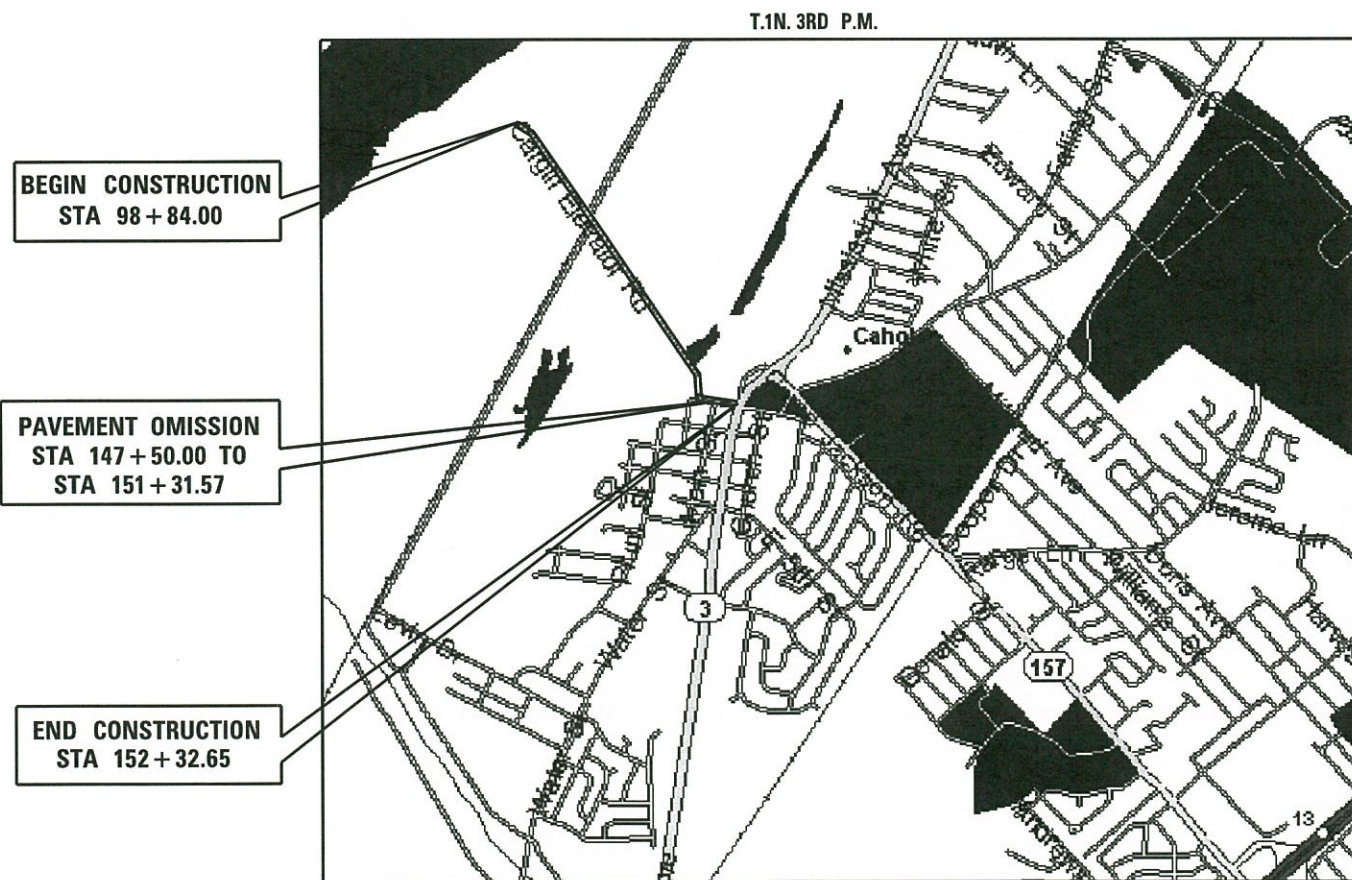
SCALES USED FOR VARIOUS PLAN SHEETS



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

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

CONTRACT NO. 97654



APPROXIMATE SCALE: 1"=1500'

LOCATION MAP

TOWNSHIP 1 NORTH  
RANGE 10 WEST  
OF THE 3RD P.M.

GROSS LENGTH OF SECTION: 5348.65 FEET (1.013 MILE)  
NET LENGTH OF SECTION: 4967.08 FEET (0.941 MILE)

DESIGN SPEED

1st STREET = 30 MPH  
CARGILL ELEVATOR ROAD = 35 MPH

ROADWAY DESIGN DESIGNATION

TWS-2

CURRENT ADT

1230 - 2011 (ADT)



HURST-ROSCH, INC.  
NO. 5 BANK SQUARE  
EAST ST LOUIS, ILLINOIS 62203  
PHONE (618) 398-0890  
HR JOB# 190-0917



JEREMY J. CONNOR P.E.#062-057938 DATE 01-22-19  
LICENSE EXPIRES: NOVEMBER 30, 2019  
HURST-ROSCH, INC.



LOCATION OF SECTION INDICATED THUS: - [black rectangle] -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

APPROVED: 1-23-19 DATE  
Curtis McCall, Jr.  
CURTIS McCALL, JR. MAYOR, VILLAGE OF CAHOKIA

Passed: February 22, 2019 DATE  
Jon A. Achau  
DISTRICT 8 ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID  
BASED ON LIMITED  
REVIEW: February 22, 2019 DATE  
Keith Roberts  
REGION FIVE ENGINEER

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**GENERAL NOTES**

- THIS SECTION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS, THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED APRIL 1, 2016 AND THE SPECIAL PROVISIONS.
- ALL STATIONING REFERS TO THE CENTERLINE OF NEW CONSTRUCTION.
- THE LOCATIONS AND / OR DEPTHS OF UNDERGROUND UTILITIES SHOWN HAVE BEEN TAKEN FROM AVAILABLE RECORD INFORMATION FURNISHED BY THE UTILITY OWNERS AND MUST BE CONSIDERED APPROXIMATE. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY PROVIDING A MINIMUM OF 48 HOURS ADVANCE NOTICE TO J.U.L.I.E. @ (800) 892 - 0123.
- DISPOSAL OF ALL MATERIAL FROM DEMOLITION (PAVEMENT REMOVAL, ETC.) SHALL BE INCLUDED IN THE CONTRACT AND PERFORMED IN ACCORDANCE WITH ALL STATE AND LOCAL CODES.
- 10 FT TRANSITIONS SHALL BE USED TO MATCH PROPOSED ITEMS OF WORK TO EXISTING ITEMS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEM OF WORK SPECIFIED.
- EXCEPT AS NOTED ON THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.
- SEEDING SHALL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION. LOCATIONS TO BE SEEDDED WILL BE DETERMINED BY THE ENGINEER.
- ONLY THOSE TREES DESIGNATED BY THE ENGINEER OR LISTED IN THE TREE REMOVAL SCHEDULE SHALL BE REMOVED. THE CONTRACTOR SHALL PROTECT ALL REMAINING TREES FROM DAMAGE DUE TO HIS OPERATIONS.
- THE FINISHED EARTHWORK SHALL HAVE A VEGETATION SUSTAINING SOIL COVERING THE TOP FOUR INCHES IN AREAS TO BE SEEDDED OR SODDED. THE VEGETATION SUSTAINING SOIL REQUIRED WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
- TEMPORARY HMA RAMPS SHALL BE INCLUDED IN THE HOT-MIX ASPHALT PAY ITEM.
- ALL SAW CUTTING OF EXISTING PAVEMENT AND DRIVEWAY PAVEMENT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT. THE MINIMUM SAW CUT DEPTH IN THE PAVEMENT SHALL BE FULL DEPTH OF EXISTING PAVEMENT UNLESS OTHERWISE SPECIFIED IN A DETAIL IN THE PLANS OR BY THE ENGINEER.
- EXISTING SIGNS WHICH INTERFERE WITH CONSTRUCTION SHALL BE REMOVED OR RELOCATED AS SHOWN IN THE PLANS AND/OR AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE APPROPRIATE TRAFFIC CONTROL ITEMS, DAMAGE WILL BE CONTRACTOR'S RESPONSIBILITY.
- REMOVAL OF EXISTING BITUMINOUS SURFACE (OIL AND CHIP), AGGREGATE BASE COURSE, AGGREGATE SURFACE COURSE (TEMPORARY ENTRANCES), AGGREGATE SURFACE AND AGGREGATE SHOULDERS SHALL BE CONSIDERED INCIDENTAL TO EARTH EXCAVATION. ANY HOT-MIX ASPHALT ENCOUNTERED ON CARGILL ELEVATOR ROAD WITHIN THE LIMITS OF EXCAVATION TO BE REMOVED WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS INCLUDED IN THE COST OF EARTH EXCAVATION.
- BEFORE ORDERING STORM SEWERS, PIPE CULVERTS OR PIPE DRAINS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR EXACT LENGTHS.
- FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SANDBAGS PER BARRICADE.
- WHERE SECTION OR SUB-SECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL MONUMENTS OR OTHERWISE REFERENCE THEIR LOCATION. THE CONTRACTOR WILL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR RE-ESTABLISH ANY SECTION OR SUB-SECTION MONUMENTS DESTROYED BY HIS OPERATIONS.
- ALL ELEVATIONS REFER TO U.S.G.S. MEAN SEA LEVEL DATUM.
- ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.
- ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUB-NUMBER LISTED IN THE LIST OF HIGHWAY STANDARDS.
- MINOR TYPICAL ROADWAY CHANGES HAVE OCCURRED DURING THE DESIGN PHASE OF THIS PROJECT AND ARE AS SHOWN ON THE TYPICAL SECTIONS. PROJECT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THESE TYPICAL SECTIONS AND APPLICABLE HIGHWAY STANDARDS AND SPECIFICATIONS. EARTHWORK ESTIMATES HAVE BEEN CALCULATED BASED ON THE CROSS SECTIONS SHOWN. MINOR ADJUSTMENTS IN EARTHWORK FOR PAVEMENT AND SHOULDER THICKNESSES, SUBGRADE CROSS SLOPE, AND LIMITS OF SUB-BASE GRANULAR MATERIAL SHALL BE CONSIDERED AS INCLUDED IN THE COST OF THE EARTHWORK PAY ITEMS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- THE CONTRACTOR SHALL MULCH SLOPES 1:4 (V:H) AND STEEPER BY CONSTRUCTING EROSION CONTROL BLANKET IN ACCORDANCE WITH SECTION 251 OF THE IDOT STANDARD SPECIFICATIONS. THE EROSION CONTROL BLANKET SHALL BE EXCELSIOR BLANKET.

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

GRANULAR MATERIALS	2.05 TONS / CU YD
HOT-MIX ASPHALT PAVEMENT	112 LBS / SQ YD / IN
BITUMINOUS MATERIAL (TACK COAT)	0.05 LBS/SQ FT
LIME	4 LBS/CU FT
SHORT TERM PAVEMENT MARKING	10 FT /100 FT OF APPLICATION
PRIME COAT	0.25 LBS/SQ FT

**COMMITMENTS**

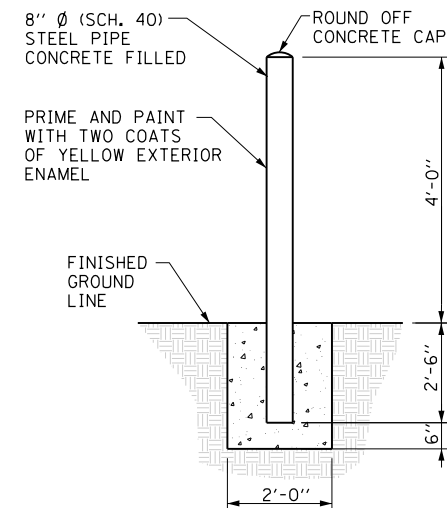
- THE U.S. CORPS OF ENGINEERS WILL ATTEND THE PRE-CONSTRUCTION MEETING, HAVE ACCESS TO THE PROJECT SITE TO PERFORM INDEPENDENT CONSTRUCTION INSPECTION AND MATERIAL TESTING, AND BE PROVIDED A COPY OF THE AS-BUILT PLANS. INSPECTION AND TESTING ACCESS WILL BE LIMITED TO WITHIN 500 FEET OF THE LEVEE.
- CONTACT MR BRUCE SCHRAMA (LACLEDE GAS COMPANY, 313-768-7750) PRIOR TO CONSTRUCTION TO LOCATE EXISTING PROPANE LINE CROSSING NEAR STATION 114+16.
- FLOOD PLAIN COMPENSATION WILL BE IDENTIFIED BY THE VILLAGE OF CAHOKIA AND APPROVED BY IDNR/OWR.
- MANHOLE (STA 118+01.80, RT) SHOP DRAWINGS TO BE APPROVED BY THE ENGINEER AND US CORPS OF ENGINEERS PRIOR TO FABRICATION OF THE STRUCTURE.

**UTILITY OWNERS**

<b>GAS &amp; ELECTRIC:</b> AMEREN IP & CIPS 500 EAST BROADWAY EAST ST. LOUIS, IL 62203 JASSEN WOODALL (618)-236-4301	<b>PIPELINE:</b> PHILLIPS PIPELINE COMPANY 3285 OLD HIGHWAY 100 VILLA RIDGE, MO 63089 DAVE KEE
<b>WASTEWATER:</b> AMERICAN BOTTOMS NO. 1 AMERICAN BOTTOMS RD SAUGET, IL 62201	<b>PIPELINE:</b> EXPLORER PIPELINE CO. P.O. BOX 2650 TULSA, OK 74101 PATRICK NWAKOBY (918)-591-3184 (ILLINOIS)
<b>TELEPHONE:</b> AT&T DISTRICT 203 GOETHE ST COLLINSVILLE, IL 62234	<b>PIPELINE:</b> EXXON MOBIL PIPELINE CO 8329 US HIGHWAY 51 PATOKA, IL 62875 CHUCK LYONS
<b>CABLE:</b> CHARTER COMMUNICATIONS 508 NIAGARA ST EAST ALTON, IL 62024 RICHARD STURK	<b>PIPELINE:</b> BUCKEYE PARTNERS 220 EAST HAWTHORNE ST HARTFORD, IL 62048 KEVIN MCCORMICK
<b>WATER:</b> CITY OF COLUMBIA 110 WEST SAND BANK RD COLUMBIA, IL 62236 TIM AHRENS	<b>PIPELINE:</b> LACLEDE PIPELINE COMPANY 700 MARKET ST ST. LOUIS, MO 63103 ENGINEERING DEPARTMENT THOMAS DELIA JR.
<b>WASTEWATER:</b> COMMONFIELD OF CAHOKIA 2525 MOUSETTE LANE CAHOKIA, IL 62206 DENNIS TRAITTEUR	<b>WATER:</b> VILLAGE OF CAHOKIA 103 MAIN ST CAHOKIA, IL 62206 WES WOFFORD

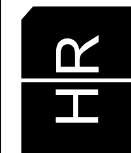
**HIGHWAY STANDARDS**

000001-07	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTIONS
542401-03	METAL END SECTION FOR PIPE CULVERTS
602301-04	INLET - TYPE A
602401-06	PRECAST MANHOLE TYPE A 4' DIA
602402-02	PRECAST MANHOLE TYPE A 5' DIA
602701-02	MANHOLE STEPS
604001-04	FRAME AND LIDS TYPE 1
604006-06	FRAME AND GRATE TYPE 3
604036-03	GRATE TYPE 8
604086-03	FRAME AND GRATE TYPE 23
606001-07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB & GUTTER
630001-12	STEEL PLATE BEAM GUARDRAIL
630301-09	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631011-10	TRAFFIC BARRIER TERMINAL, TYPE 2
666001-01	ROW MARKERS
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701901-08	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
780001-05	TYPICAL PAVEMENT MARKERS



**BOLLARD DETAIL**  
NOT TO SCALE

HURST-ROSCHE, INC.  
NO. 5 BANK SQUARE  
EAST SAINT LOUIS, ILLINOIS 62203  
PHONE: 618-398-0890  
HR JOB# 190-0917



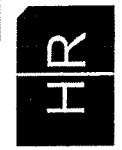
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PLOT DATE = 1/22/2019	DATE - 01-22-19		REVISED -

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

SCALE: NTS	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH37	05-00043-00-PV	ST. CLAIR	96	2
CONTRACT NO. 97654				
FED. ROAD DIST. NO. 8   ILLINOIS   FED. AID PROJECT				

HURST-ROSCHE, INC.  
 NO. 3 BANK SQUARE  
 EAST SAINT LOUIS, ILLINOIS 62203  
 PHONE: 618-398-0890  
 FR. JOB# 190-0917



CODE NO.	ITEM	UNIT	TOTAL
20100500	TREE REMOVAL ACRES	ACRE	2.50
30300100	EARTH EXCAVATION	CU YD	10000
20400800	FURNISHED EXCAVATION	CU YD	35600
20800150	TRENCH BACKFILL	CU YD	58
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	428
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	428
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	428
25100630	EROSION CONTROL BLANKET	SQ YD	22680
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	936
28000305	TEMPORARY DITCH CHECKS	FOOT	28
28000400	PERIMETER EROSION BARRIER	FOOT	8792
28000500	INLET AND PIPE PROTECTION	EACH	16
28100107	STONE RIPRAP, CLASS A4	SQ YD	340
28200200	FILTER FABRIC	SQ YD	340
30200650	PROCESSING MODIFIED SOIL 12"	SQ YD	19388
30201500	LIME	TON	349
31102500	SUBBASE GRANULAR MATERIALS, TYPE C 8"	SQ YD	6992
35101100	AGGREGATE BASE COURSE, TYPE A 12"	SQ YD	6099
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	698
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	667
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	3001
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	13723
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	3233
40702001	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 16"	SQ YD	15501
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	80
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	75
42400410	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	SQ FT	120
42400800	DETECTABLE WARNINGS	SQ FT	40
44000100	PAVEMENT REMOVAL	SQ YD	100
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	143
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	498
44004250	PAVED SHOULDER REMOVAL	SQ YD	30
48101600	AGGREGATE SHOULDERS, TYPE B 8"	SQ YD	6090
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	3749
50105220	PIPE CULVERT REMOVAL	FOOT	424
54213668	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	1
54262718	METAL FLARED END SECTIONS 18"	EACH	2
54262724	METAL FLARED END SECTIONS 24"	EACH	4
54262742	METAL FLARED END SECTIONS 42"	EACH	20
54210012	PIPE CULVERTS, CLASS D, TYPE 112" (TEMPORARY)	FOOT	152
542A1060	PIPE CULVERTS, CLASS A, TYPE 2 15"	FOOT	130
542D1063	PIPE CULVERTS, CLASS D, TYPE 2 18"	FOOT	106

## SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL
542D1069	PIPE CULVERTS, CLASS D, TYPE 2 24"	FOOT	152
542D1927	PIPE CULVERTS, CLASS D, TYPE 3 42"	FOOT	1040
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	81
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	66
550A0710	STORM SEWERS, CLASS A, TYPE 3 24"	FOOT	50
55100500	STORM SEWER REMOVAL 12"	FOOT	74
56109210	WATER VALVES TO BE ADJUSTED	EACH	2
60218500	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 3 FRAME & GRATE	EACH	2
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1
60235700	INLETS, TYPE A, TYPE 3 FRAME & GRATE	EACH	2
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	1
60237460	INLETS, TYPE A, TYPE 23 FRAME & GRATE	EACH	2
60500060	REMOVING INLETS	EACH	3
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6-24	FOOT	1100
63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	200
63000009	STEEL PLATE BEAM GUARDRAIL, TYPE B, 9 FOOT POSTS	FOOT	900
63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	5
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	5
66600105	FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS	EACH	6
67100100	MOBILIZATION	L SUM	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	2488
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	821
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	20316
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	60
72000100	SIGN PANEL-TYPE 1	SQ FT	59
72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	10
72900100	METAL POST-TYPE A	FOOT	147
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	31
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	21289
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	208
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	58
78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	15
X0323455	ADJUST MONITORING WELLS	EACH	3
X025522	REINSTALLING EXISTING STEEL GATE ASSEMBLY	EACH	2
X0326519	STEEL RAILING REMOVAL	FOOT	20
X0327979	PAVEMENT MARKING REMOVAL-GRINDING	SQ FT	4110
X0350810	BOLLARD REMOVAL	EACH	4
X2020410	EARTH EXCAVATION (SPECIAL)	CU YD	70
X2040805	FURNISHED EXCAVATION (SPECIAL)	CU YD	18100
X2501000	SEEDING, CLASS 2 (SPECIAL)	ACRE	4.75
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1
# 2007600	TRAIN FEES	HOUR	1500
# 20004002	BOLLARDS	EACH	4
# 20026604	TRAINEE'S TRAINING PROGRAM GRADUATE	HOUR	1500
# 20048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1

# SPECIALTY ITEMS

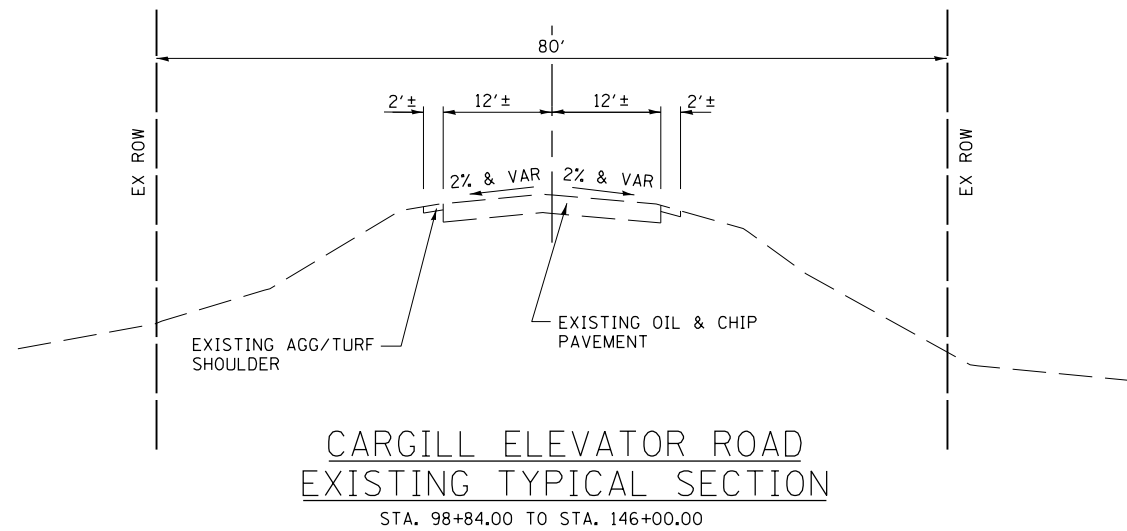
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

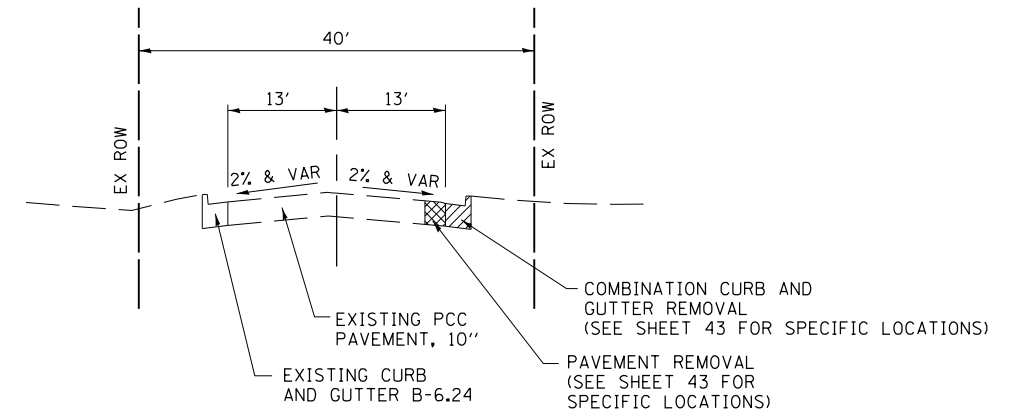
### SUMMARY OF QUANTITIES

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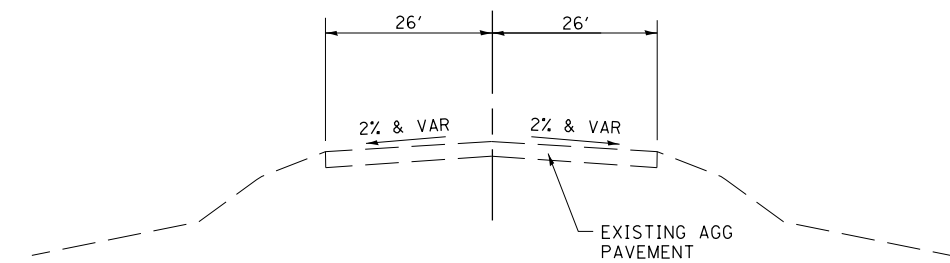
F.A.S. RTE. CH37	SECTION 05-00043-00-PV	COUNTY ST. CLAIR	TOTAL SHEETS 96	SHEET NO. 3
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				
CONTRACT NO. 97654				



**CARGILL ELEVATOR ROAD**  
**EXISTING TYPICAL SECTION**  
 STA. 98+84.00 TO STA. 146+00.00



**1ST STREET**  
**EXISTING TYPICAL SECTION**  
 STA. 146+00.00 TO STA. 152+32.65



**AMERICAN GRAIN ST**  
**EXISTING TYPICAL SECTION**

CARGILL ELEVATOR ROAD & 1ST STREET

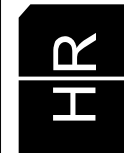
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AC/PG	SBS PG 70-22	PG 64-22	PG 64-22
RAP%(MAX)	..	..	..
DESIGN AIR VOIDS	4.0% @ Ndes=90	4.0% @ Ndes=90	2.0% @ Ndes=30
MIX COMPOSITION (GRADIATION MIXTURE)		IL 19.0	
FRICITION AGG	MIXTURE C	MIXTURE B	BAM

- SEE TYPICAL SECTION FOR FULL-DEPTH DETAILS
- SEE SPECIAL PROVISIONS

ENTRANCES

MIXTURE USE	INCIDENTAL
AC/PG	PG 64-22
RAP%(MAX)	10%
DESIGN AIR VOIDS	4% @ Ndes=70
MIX COMPOSITION (GRADIATION MIXTURE)	
FRICITION AGG	MIXTURE C

HURST-ROSCHKE, INC.  
 NO. 5 BANK SQUARE  
 EAST SAINT LOUIS, ILLINOIS 62203  
 PHONE: 618-398-0890  
 HR JOB# 190-0917



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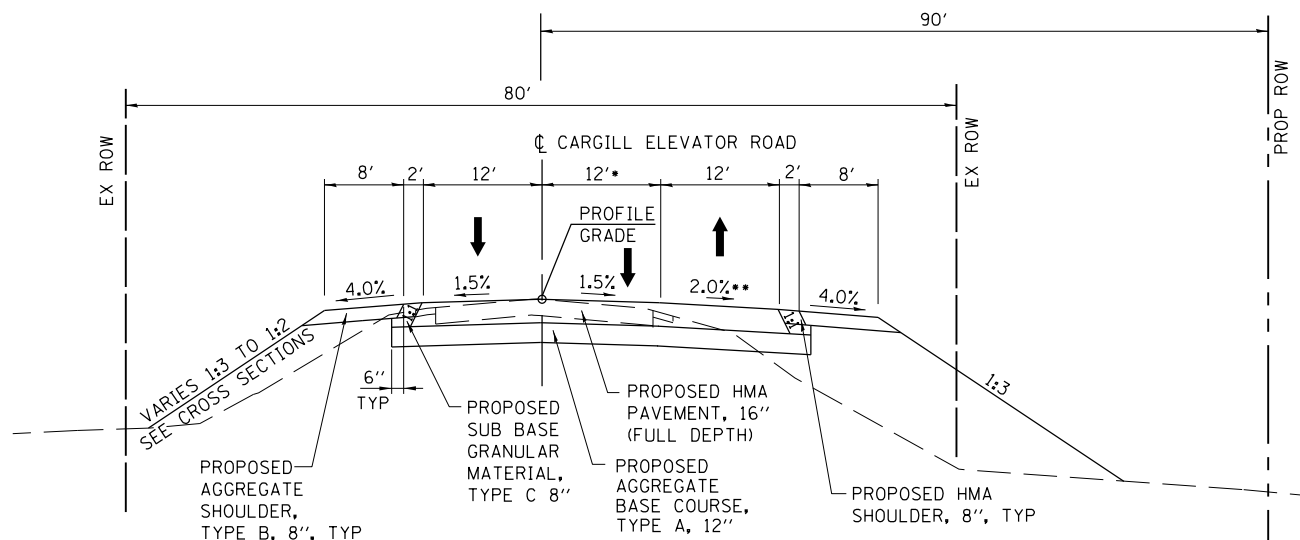
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**EXISTING TYPICAL SECTIONS**

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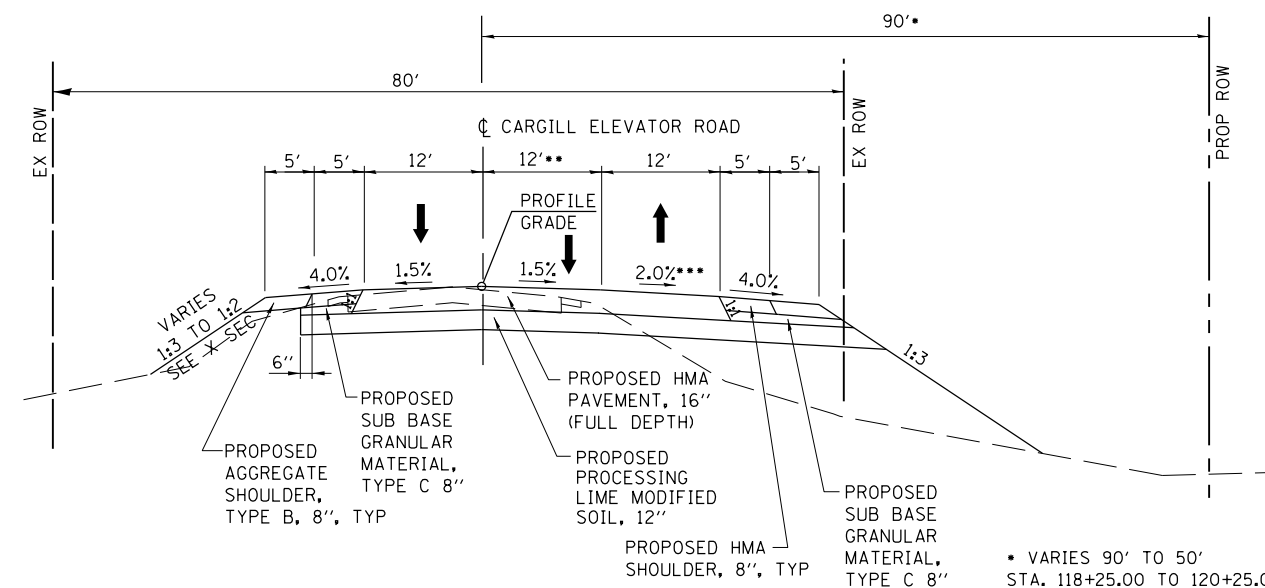
F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH37	05-00043-00-PV	ST CLAIR	96	4
CONTRACT NO. 97654				
FED. ROAD DIST. NO. 8   ILLINOIS   FED. AID PROJECT				





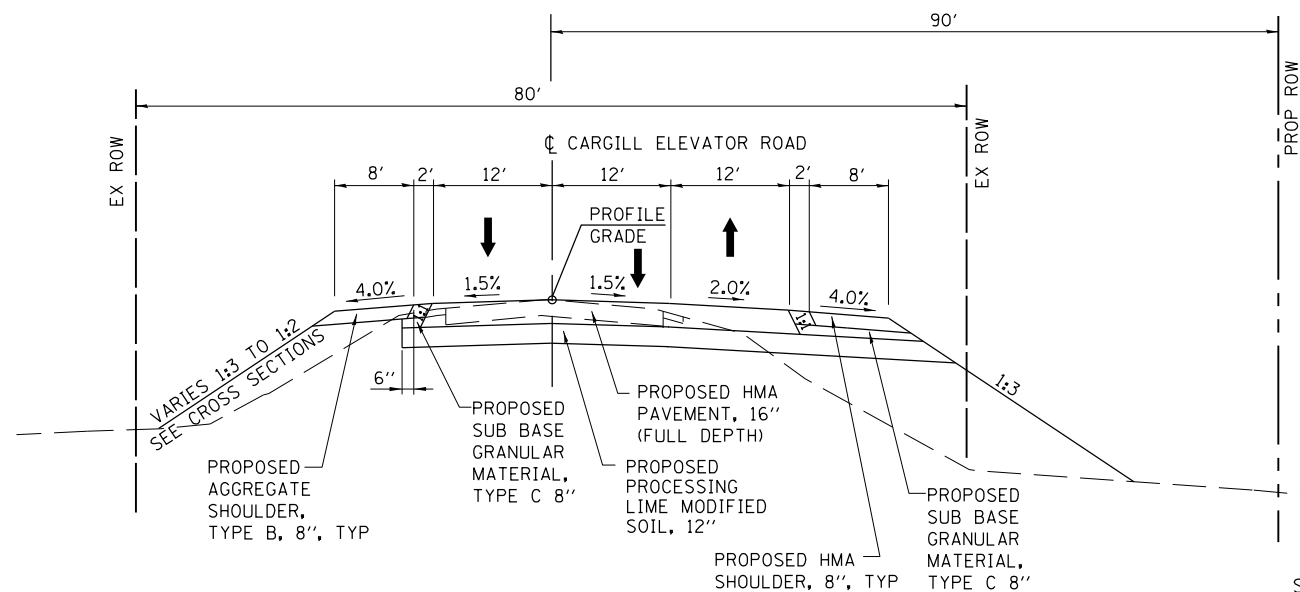
**CARGILL ELEVATOR ROAD  
TYPICAL SECTION**  
STA 98+84.00 TO STA 103+00.00

• VARIES 0' TO 12'  
•• VARIES 1.5% TO 2.0%  
STA. 99+03.03 TO STA 100+95.03

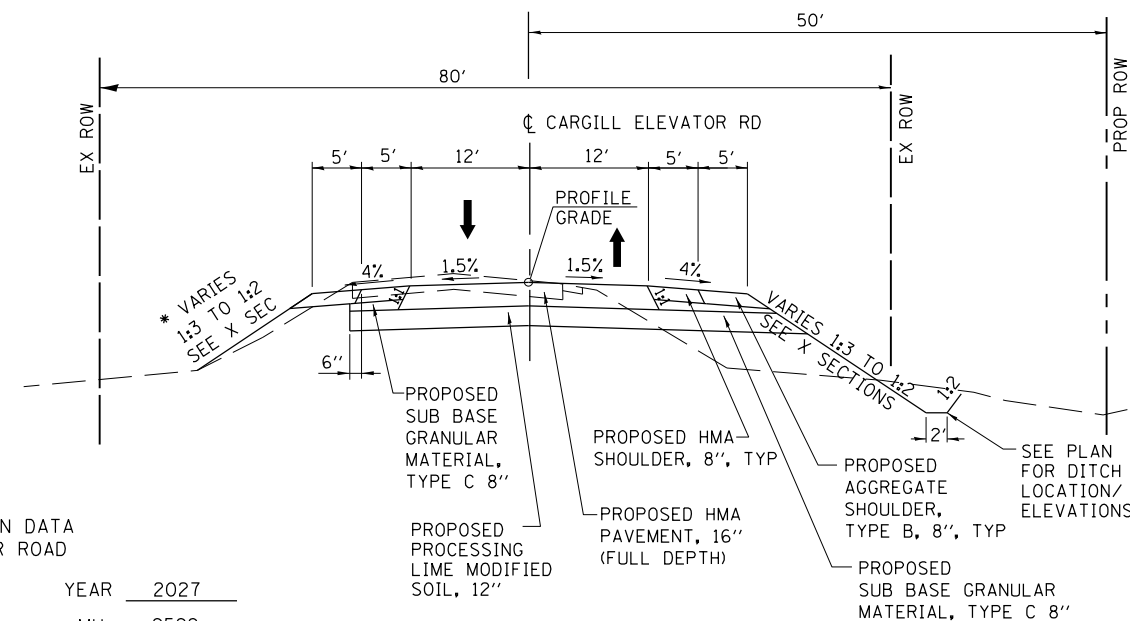


**CARGILL ELEVATOR ROAD  
TYPICAL SECTION**  
STA 116+05.00 TO STA 126+60.00

• VARIES 90' TO 50'  
STA. 118+25.00 TO 120+25.00  
•• VARIES 12' TO 0'  
••• VARIES 2.0% TO 1.5%  
STA. 123+00.00 TO STA 126+60.00



**CARGILL ELEVATOR ROAD  
TYPICAL SECTION**  
STA 103+00.00 TO STA 116+05.00

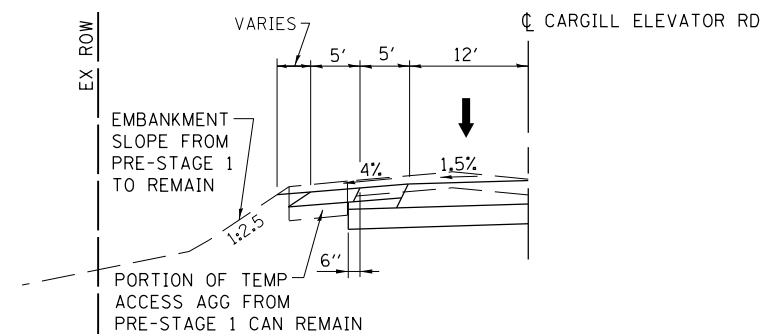


**CARGILL ELEVATOR ROAD  
TYPICAL SECTION**  
STA 126+60.00 TO STA 138+00.00

**STRUCTURAL DESIGN DATA  
CARGILL ELEVATOR ROAD**

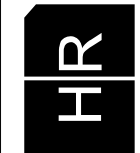
STRUCTURAL DESIGN TRAFFIC: YEAR 2027  
 PV= 198 SU= 28 MU= 2599  
 ROAD/STREET CLASSIFICATION: CLASS II  
 PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:  
 P= 50% S= 50% M= 50%  
 TRAFFIC FACTOR: ACTUAL TF= 10.05  
 MINIMUM TF= 10.05 AC TYPE= PG 70-22  
 SUBGRADE SUPPORT RATING:  
 SSR= POOR (STA 98+84.00 TO 147+50.00)

USE:  
 HOT-MIX ASPHALT PAVEMENT, 16" (FULL DEPTH)  
 IMPROVED SUBGRADE, 12" (SEE TYPICAL SECTIONS)  
 HOT-MIX ASPHALT PAVEMENT (FULL DEPTH) 16.0" WILL CONSIST OF:  
 HOT-MIX ASPHALT SURFACE COURSE, MIX C, N90, 2"  
 HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 14"  
 NOTE:  
 PLACE BITUMINOUS MATERIALS (TACK COAT) PRIOR TO  
 HOT-MIX ASPHALT SURFACE COURSE CONSTRUCTION.



\* STA 129+00.00 TO STA 138+00.00

HURST-ROSCHKE, INC.  
 NO. 5 BANK SQUARE  
 EAST SAINT LOUIS, ILLINOIS 62203  
 PHONE: 618-398-0890  
 HR JOB# 190-0917



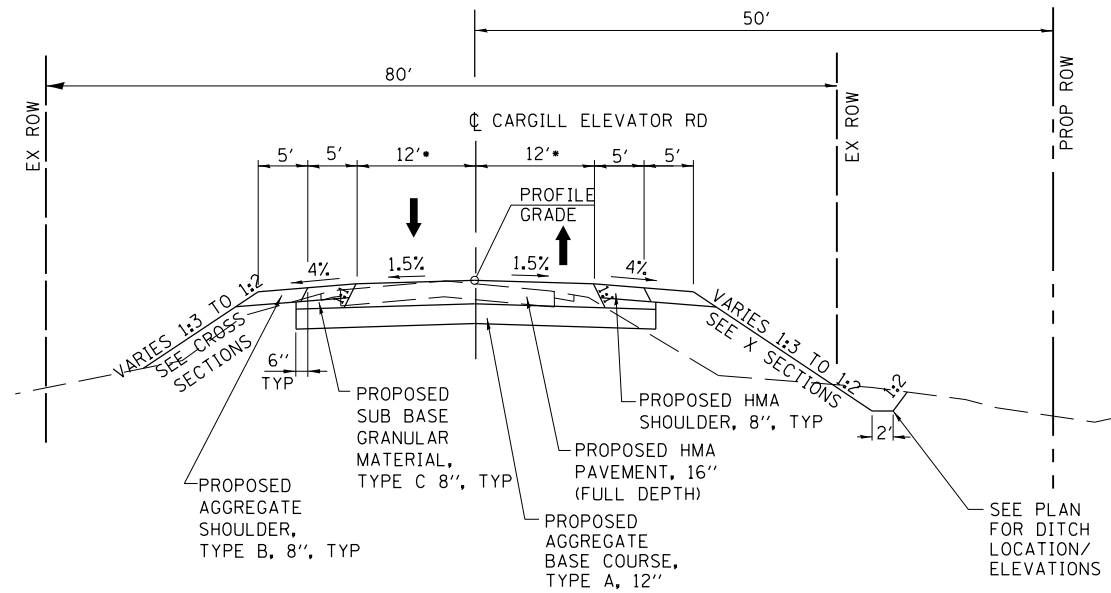
FILE NAME =	USER NAME = ujellison	DESIGNED - JJC	REVISED -
X:\Projects\Current\190-0917.Cargill.Rd\CON\typical_02.dgn		DRAWN - UJ	REVISED -
PLOT SCALE = 14,559 ' / in.		CHECKED - JWR	REVISED -
PLOT DATE = 1/22/2019		DATE - 01-22-19	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED TYPICAL SECTIONS**

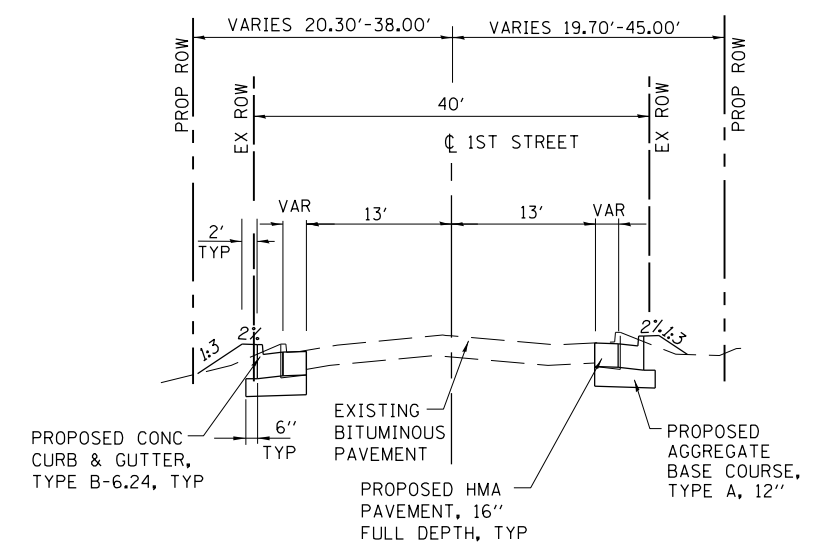
SCALE: NONE SHEET NO. 2 OF 4 SHEETS STA. TO STA.

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH37	05-00043-00-PV	ST CLAIR	96	5
CONTRACT NO. 97654				
FED. ROAD DIST. NO. 8   ILLINOIS   FED. AID PROJECT				



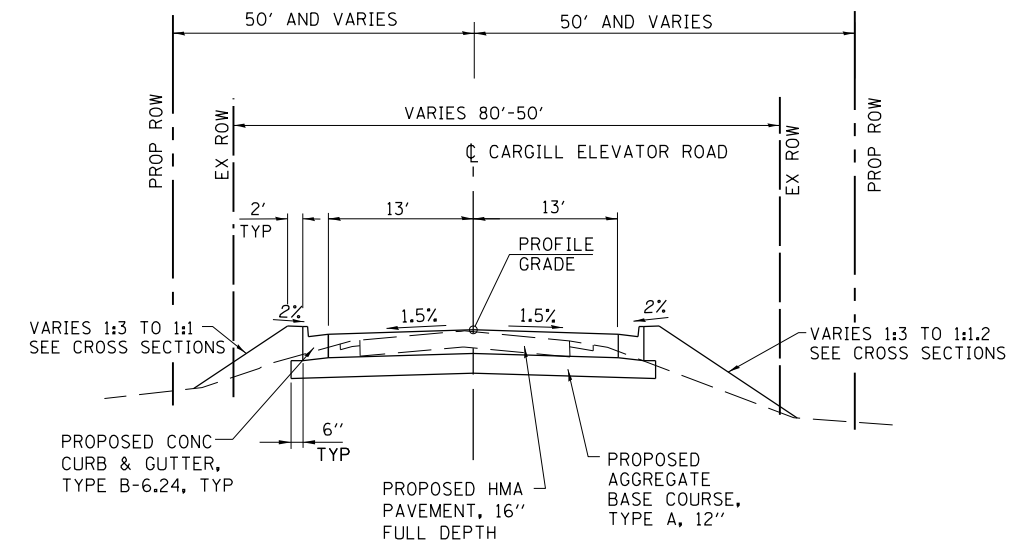
**CARGILL ELEVATOR ROAD  
TYPICAL SECTION**  
STA 138+00.00 TO STA 143+32.88

• STA 143+00.00 TO 143+32.88  
VARIES 12' TO 13'

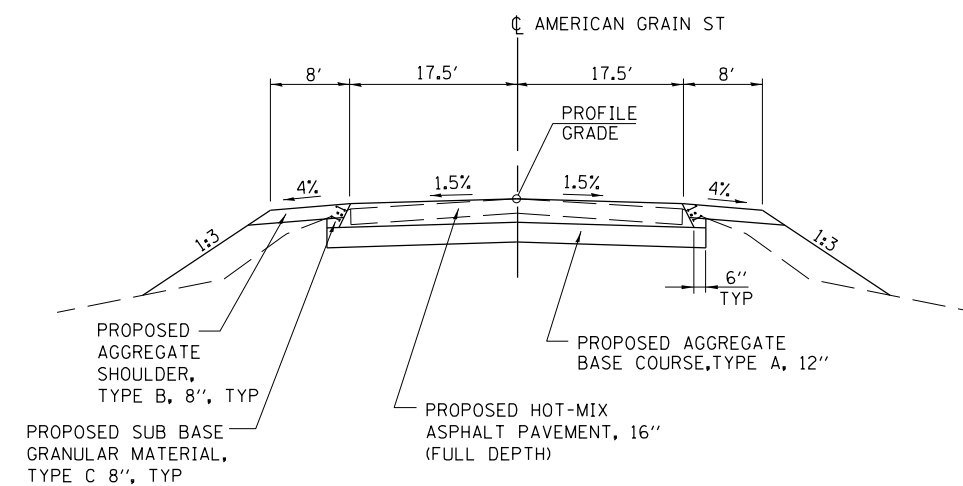


**1ST STREET  
TYPICAL SECTION**

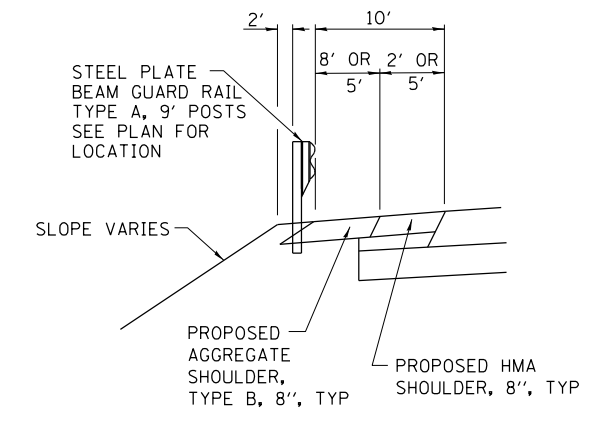
LT STA. 151+31.57 TO STA. 152+32.65  
RT STA. 151+72.88 TO STA. 152+32.65



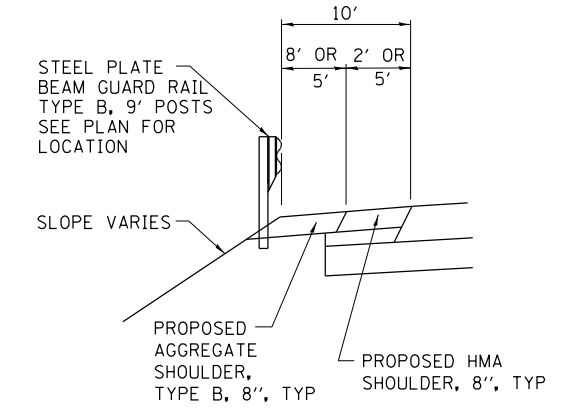
**CARGILL ELEVATOR ROAD  
TYPICAL SECTION**  
STA 143+32.88 TO STA 147+50.00



**AMERICAN GRAIN STREET  
TYPICAL SECTION**

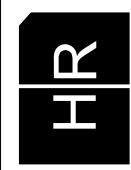


**GUARDRAIL DETAIL**



**GUARDRAIL DETAIL**

HURST-ROSCHKE, INC.  
NO. 5 BANK SQUARE  
EAST SAINT LOUIS, ILLINOIS 62203  
PHONE: 618-398-0890  
HR JOB# 190-0917



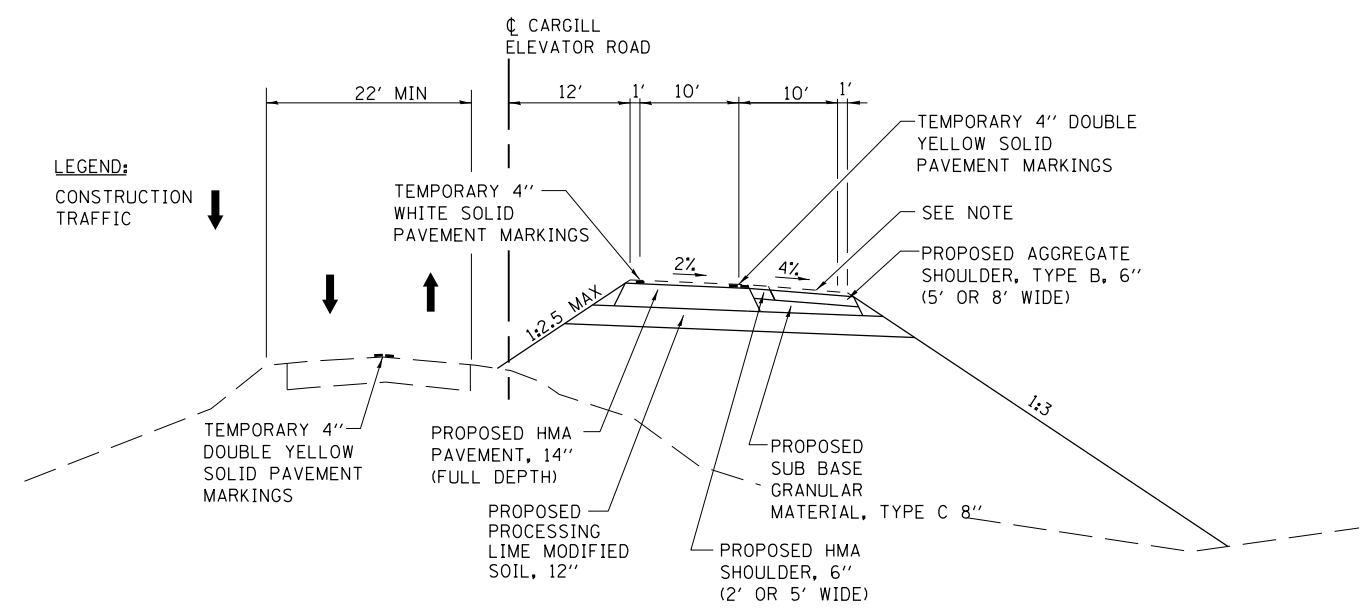
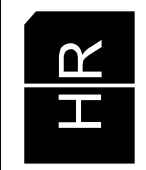
FILE NAME =	USER NAME = ujellison	DESIGNED - JJC	REVISED -
X:\Projects\Current\190-0917\Cargill11.Rd\CON\typical_03.dgn		DRAWN - UJ	REVISED -
	PLOT SCALE = 1/4" = 1' / in.	CHECKED - JWR	REVISED -
	PLOT DATE = 1/22/2019	DATE - 01-22-19	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED TYPICAL SECTIONS**  
SCALE: NONE SHEET NO. 3 OF 4 SHEETS STA. TO STA.

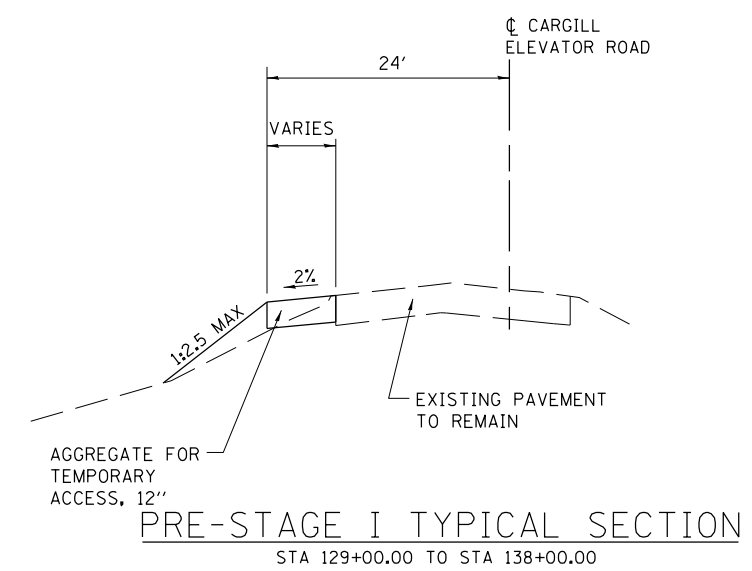
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH37	05-00043-00-PV	ST CLAIR	96	6
CONTRACT NO. 97654				
FED. ROAD DIST. NO. 8   ILLINOIS FED. AID PROJECT				

HURST-ROSCHIE, INC.  
 NO. 5 BANK SQUARE  
 EAST SAINT LOUIS, ILLINOIS 62203  
 PHONE: 618-398-0890  
 HR JOB# 190-0917

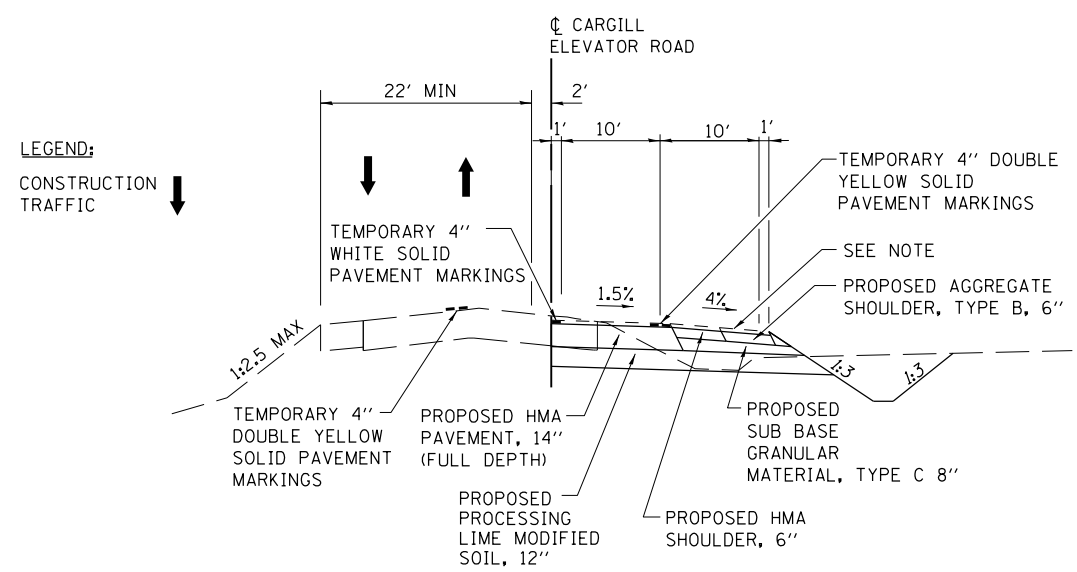


**STAGE I TYPICAL SECTION**  
 STA 103+00.00 TO STA 129+00.00

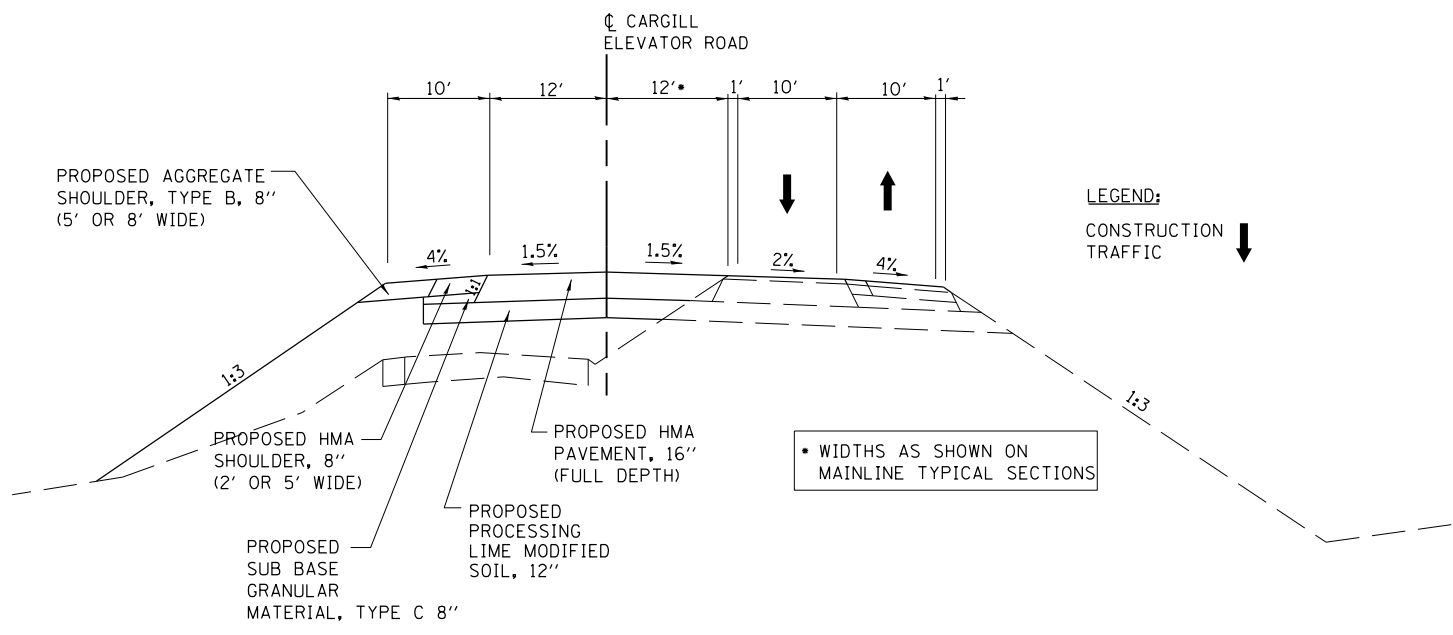
**NOTE:**  
 FINAL 2" OF HMA PAVEMENT/SHOULDER TO BE CONSTRUCTED AT CONCLUSION OF STAGE II.



**PRE-STAGE I TYPICAL SECTION**  
 STA 129+00.00 TO STA 138+00.00

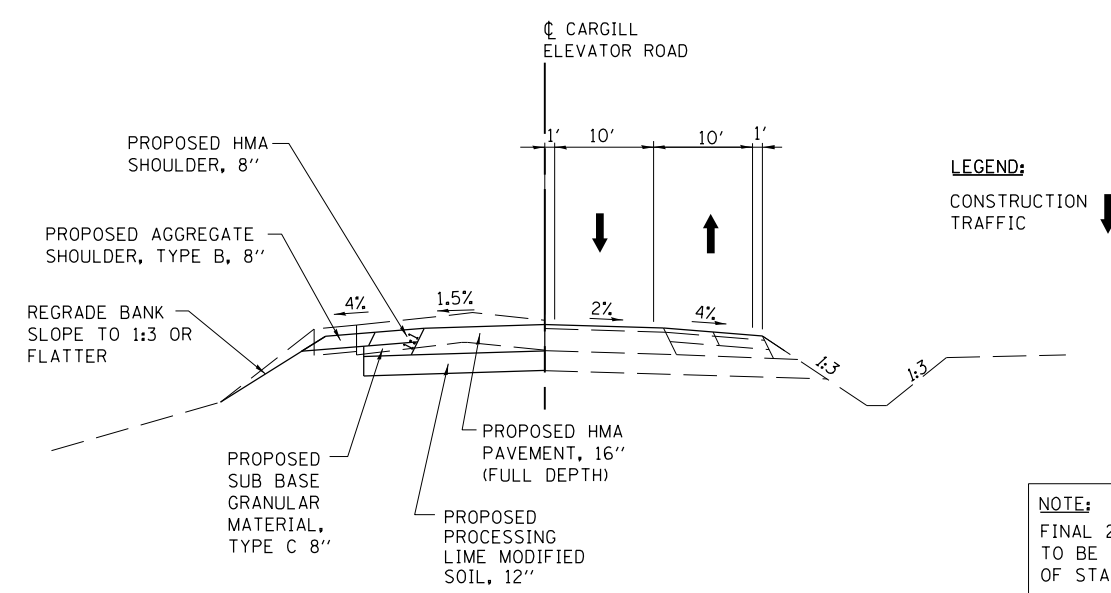


**STAGE I TYPICAL SECTION**  
 STA 129+00.00 TO STA 138+00.00



**STAGE II TYPICAL SECTION**  
 STA 103+00.00 TO STA 129+00.00

• WIDTHS AS SHOWN ON MAINLINE TYPICAL SECTIONS



**STAGE II TYPICAL SECTION**  
 STA 129+00.00 TO STA 138+00.00

**NOTE:**  
 FINAL 2" OF HMA PAVEMENT/SHOULDER TO BE CONSTRUCTED AT CONCLUSION OF STAGE II.

FILE NAME =	USER NAME = ujellison	DESIGNED - JJC	REVISED -
X:\Projects\Current\190-0917.Cargill.Rd\CON\typical_04.dgn		DRAWN - UJ	REVISED -
PLOT SCALE = 1/4" = 1'-0"		CHECKED - JWR	REVISED -
PLOT DATE = 1/22/2019		DATE - 01-22-19	REVISED -

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

**PROPOSED TYPICAL SECTIONS**

SCALE: NONE SHEET NO. 4 OF 4 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH37	05-00043-00-PV	ST CLAIR	96	7
CONTRACT NO. 97654				
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				



# SCHEDULES OF QUANTITIES

TREE REMOVAL, ACRES				
Area Designation		Area (sq ft)	Area (AC)	
Cargill Elevator Road				
103+55.00	to	112+50.00	37337	0.86
118+30.00	to	131+95.00	44110	1.01
132+60.00	to	133+20.00	1774	0.04
137+00.00	to	142+70.00	18561	0.43
USE			2.50	

- Adjusted for Shrinkage (25% Shrinkage Assumed)
- Waste (+) or Shortage (-)

EARTH EXCAVATION					
Cargill Elevator Road		Earth Excavation	Excavation to be used in Embankment*	Embankment	Earthwork Balance**
From	To	Cubic Yard	Cubic Yard	Cubic Yard	Cubic Yard
98+84.00	111+80.00	3610	2708	23970	-21263
116+80.00	147+50.00	5875	4406	16015	-8812
128+50.00 (Stage IA)	138+50.00 (Stage IA)	58	44	522	-479
<b>Total</b>		<b>9543</b>	<b>7157</b>	<b>40507</b>	<b>-33350</b>
USE		10000		USE -33600	

- Adjusted for Shrinkage (25% Shrinkage Assumed)
- Waste (+) or Shortage (-)

EARTH EXCAVATION (SPECIAL)					
Cargill Elevator Road		Earth Excavation	Excavation to be used in Embankment*	Embankment	Earthwork Balance**
From	To	Cubic Yard	Cubic Yard	Cubic Yard	Cubic Yard
111+80.00	116+80.00	69	52	18016	-17964
<b>Total</b>		<b>69</b>	<b>52</b>	<b>18016</b>	<b>-17964</b>
USE		70		USE -18100	

TRENCH BACKFILL				
LOCATION				CU YD
Cargill Elevator Road				
145+79.00	to	146+10.00	R+	32.61
145+10.00	to	145+10.00	L/R	8.69
145+10.00	to	145+20.00	R+	3.62
145+10.00	to	145+20.00	L+	3.41
West First St.				
151+50.00	to	152+16.00	L+	9.88
USE				58

SEEDING, CLASS 2 (SPECIAL)				
Begin Station	End Station	Side	Area (Acres)	
Cargill Elevator Rd				
98+84.00	to	147+50.00	LT/RT	4.68
<b>Total</b>				<b>4.75</b>

FERTILIZER NUTRIENTS				
Location	Acres	NITROGEN*	PHOSPHORUS*	POTASSIUM*
Cargill Elevator	4.75	428	428	428
<b>Totals (lbs)</b>		<b>428</b>	<b>428</b>	<b>428</b>

\*AT AN APPLICATION RATE OF 90 POUNDS/ACRE

EROSION CONTROL BLANKET				
CARGILL ELEVATOR ROAD				
Station	Station	Side	SQ YD	
98+84.00	to	147+50.00	R+/L+	22660
<b>Total</b>				<b>22660</b>

TEMPORARY EROSION CONTROL SEEDING				
Cargill Elevator Rd				POUND
98+84.00	to	147+00.00	LT/RT	936
<b>Total</b>				<b>936</b>

TEMPORARY DITCH CHECKS				
Cargill Elevator Rd		offset		FOOT
128+00.00	RT	44.0		14
129+70.00	RT	34.0		14
<b>Total</b>				<b>28</b>

PERIMETER EROSION BARRIER				
Begin Station	End Station	Side	Length (ft)	
CARGILL ELEVATOR RD				
99+10.00	to	104+00.00	LT	490
99+25.00	to	100+28.00	RT	103
100+25.00	to	101+90.00	RT	165
102+40.00	to	111+00.00	RT	860
104+00.00	to	106+50.00	LT	250
106+50.00	to	110+50.00	LT	400
110+50.00	to	113+60.00	LT	310
111+00.00	to	114+00.00	RT	300
113+30.00	to	113+72.00	LT	91
114+00.00	to	116+00.00	RT	200
114+15.00	to	114+80.00	LT	156
114+83.00	to	119+42.00	LT	459
116+53.00	to	117+06.00	RT	53
117+42.00	to	118+24.00	RT	82
118+24.00	to	122+78.00	RT	458
119+70.00	to	120+89.00	LT	119
121+13.00	to	122+43.00	LT	130
122+57.00	to	129+00.00	LT	643
122+78.00	to	129+76.00	RT	698
129+00.00	to	138+70.00	LT	970
129+75.00	to	130+90.00	RT	115
130+90.00	to	132+20.00	RT	130
132+60.00	to	136+25.00	RT	365
136+75.00	to	138+25.00	RT	150
138+75.00	to	140+35.00	RT	160
139+08.00	to	140+00.00	RT	92
140+00.00	to	143+18.00	LT	318
140+35.00	to	140+65.00	RT	30
140+65.00	to	143+22.00	RT	257
144+07.00	to	145+09.00	LT	114
144+07.00	to	145+31.00	RT	124
<b>Total</b>				<b>8792</b>

INLET AND PIPE PROTECTION				
Station	Side	Offset	Each	
CARGILL ELEVATOR RD				
107+75.00	L+	46	2	
108+00.00	L+	46	2	
108+25.00	L+	46	2	
108+50.00	L+	46	2	
108+75.00	L+	46	2	
116+00.00	R+	54.0	1	
119+53.00	L+	51	1	
129+20.50	L+	40	1	
136+25.00	R+	35.0	1	
138+25.00	R+	37	1	
140+50.00	L+	40	1	
<b>TOTAL</b>				<b>16</b>

STONE RIPRAP, CLASS A4				
CARGILL ELEVATOR RD				
LOCATION	LENGTH (FT)	WIDTH (FT)	SQ YD	
107+75.00	RT	116.5	17	220.1
107+30.00	LT	15.0	6	10.0
109+00.00	LT	15.0	6	10.0
121+00.00	LT	15.0	6	10.0
122+50.00	LT	15.0	6	10.0
129+22.50	RT	40.0	4	17.8
140+50.00	RT	20.0	10	22.2
145+73.00	RT/LT	40.0	9	40.0
<b>Use</b>				<b>340</b>

FILTER FABRIC				
CARGILL ELEVATOR RD				
LOCATION	LENGTH (FT)	WIDTH (FT)	SQ YD (SF/9)	
107+75.00	RT	116.5	17	220.1
107+30.00	LT	15	6	10.0
109+00.00	LT	15	6	10.0
121+00.00	LT	15	6	10.0
122+50.00	LT	15	6	10.0
129+22.50	RT	40	4	17.8
140+50.00	RT	20	10	22.2
145+73.00	RT/LT	40	9	40
<b>Use</b>				<b>340</b>

PROCESSING MODIFIED SOIL 12"				
CARGILL ELEVATOR ROAD				
				SQ YD
103+00.00	to	116+05.00		7612.5
116+05.00	to	123+00.00		4285.8
123+00.00	to	126+60.00		1980.0
126+60.00	to	138+00.00		5510.0
<b>Use</b>				<b>19388</b>

LIME				
CARGILL ELEVATOR ROAD				
				0.002ton/sq yd@12"
103+00.00	to	116+05.00		137
116+05.00	to	123+00.00		77
123+00.00	to	126+60.00		36
126+60.00	to	138+00.00		99
<b>Total</b>				<b>349</b>

SUBBASE GRANULAR MATERIALS, TYPE C 8"				
Station	Station		Sq Yd	
CARGILL ELEVATOR ROAD				
98+84.00	to	103+00.00	1522.6	169.2
103+00.00	to	116+05.00	17173.8	1908.2
116+05.00	to	126+60.00	17048.8	1894.3
126+60.00	to	143+32.88	27033.7	3003.7
AMERICAN GRAIN ST				
101+60.00	to	103+00.00	146.1	16
<b>Use</b>				<b>6992</b>

AGGREGATE BASE COURSE, TYPE A 12"				
Station	Station		Sq Yd	
CARGILL ELEVATOR ROAD				
98+84.00	to	100+95.03	7386.1	820.7
100+95.03	to	103+00.00	8403.8	933.8
138+00.00	to	143+00.00	17500.0	1944.4
143+00.00	to	143+32.88	1167.2	129.7
143+32.88	to	147+50.00	14336.8	1593.0
151+31.50	to	152+49.00	1151.0	127.9
151+75.00	to	152+21.50	1155.0	128.3
IL RTE 3				
304+77.50	to	304+92.50	155.0	17.2
AMERICAN GRAIN ST				
101+60.00	to	103+00.00	3637.0	404.1
<b>Use</b>				<b>6099</b>

AGGREGATE SURFACE COURSE, TYPE B					
Station		Average Width (ft)	Average Depth (ft)		Tons
Sq Ft Area					
98+97.00	LT	264	18.0	0.83	16.7
99+08.00	RT	289	18.0	0.83	18.3
101+00.00	RT	891	12.0	0.83	56.4
114+50.00	LT	4373	12.0	0.83	276.7
117+25.00	RT	1219	20.0	0.83	77.1
132+40.00	RT	443	24.0	0.83	28.0
136+50.00	RT	638	36.0	0.83	40.4
138+50.00	RT	641	36.0	0.83	40.6
143+70.00	LT	246	24.0	0.83	15.6
143+84.00	RT	354	24.0	0.83	22.4
145+35.00	LT	751	18.0	0.83	47.5
145+37.00	RT	431	12.0	0.83	27.3
<b>Total</b>					<b>667</b>

AGGREGATE FOR TEMPORARY ACCESS					
Station		Cod Area sq ft	Width (ft)	Volume (CY)	Tons
CARGILL ELEVATOR ROAD					
102+00.00	to	103+50.00	1368	101.3	207.7
107+25.00	to	109+05.00	4248	157.3	322.5
121+00.00	LT		243	9.0	18.5
122+50.00	LT		225	8.3	17.1
128+80.00	to	138+50.00	4438	164.4	337.0
140+50.00	LT		234	8.7	17.8
GRAIN STREET					
114+50.00	LT		8593	120.0	318.3
132+40.00	RT		1245	38.0	46.1
136+50.00	RT		1660	48.0	61.5
138+50.00	RT		1663	48.0	61.6
139+00.00	LT		1101	38.0	40.8
Allow for maintenance 25%				292.8	600.2
<b>Use</b>				<b>3001</b>	

BITUMINOUS MATERIALS (PRIME COAT)			
CARGILL ELEVATOR ROAD			
Station	Station		Pound
98+84.00			1846.5
100+95.03	to	103+00.00	2100.9
138+00.00	to	143+00.00	4375.0
143+00.00	to	143+32.88	291.8
143+32.88	to	147+50.00	3584.2
151+31.50	to	152+49.00	287.8
151+75.00	to	152+21.50	288.8
IL RTE 3			
304+77.50	to		38.8
AMERICAN GRAIN ST			
101+60.00	to		909.3
<b>Use</b>			<b>13723</b>

BITUMINOUS MATERIALS (TACK COAT)			
CARGILL ELEVATOR ROAD			
Station	Station		Pound
98+84.00	to	100+95.03	369.3
American grain st			
100+95.03	to	103+00.00	420.2
138+00.00	to	143+00.00	875.0
143+00.00	to	143+32.88	58.4
143+32.88	to	147+50.00	716.8
151+31.50	to	152+49.00	57.6
151+75.00	to	152+21.50	57.8
101+60.00	to	103+00.00	181.9
98+97.00	LT		24.6
99+08.00	RT		19.4
101+00.00	RT		11.7
114+50.00	LT		36.5
116+10.00	RT		48.5
117+25.00	RT		32.4
132+40.			

# SCHEDULES OF QUANTITIES

PORTLAND CEMENT CONCRETE DRIVEWAY, 8 INCH			
CARGILL ELEVATOR RD			SO YD
143+70.00	LT		38.2
143+84.00	RT		37.2
<b>TOTAL</b>			<b>75</b>

PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH			
CARGILL ELEVATOR RD			SO FT
116+10.00	RT		60
116+10.00	LT		60
<b>TOTAL</b>			<b>120</b>

DETECTABLE WARNINGS			
CARGILL ELEVATOR ROAD			SO FT
116+10	RT		20
116+10	Lt		20
<b>TOTAL</b>			<b>40</b>

PAVEMENT REMOVAL			
CARGILL ELEVATOR ROAD			SO YD
147+15.00	to	147+50.00	100
<b>TOTAL</b>			<b>100</b>

COMBINATION CURB AND GUTTER REMOVAL			
CARGILL ELEVATOR RD			FOOT
146+00.00	to	147+50.00	300
151+31.94	to	152+32.65	122
151+73.25	to	152+32.65	76
<b>TOTAL</b>			<b>498</b>

PAVED SHOULDER REMOVAL				
IL RTE 3				
Station	to	Area (sq ft)	SO YD	
303+12.50	to	303+62.00	198	22
304+67.00	to	304+92.46	71.3	8
<b>Total</b>			<b>30</b>	

AGGREGATE SHOULDERS, TYPE B 8"				
CARGILL ELEVATOR RD				
Station	to	SO YD		
98+84.00	to	116+03.50	Rt	1528.4
98+84.00	to	116+03.50	Rt	13756.0
98+84.00	to	116+03.50	Lt	13756.0
116+03.50	to	143+32.88	Lt	13646.9
<b>Use</b>				<b>6090</b>

HOT-MIX ASPHALT SHOULDERS, 8"				
CARGILL ELEVATOR RD				
Station	to	SO YD		
98+84.00	to	101+58.00	Rt	60.9
103+15.00	to	116+03.50	Rt	286.3
116+15.50	to	143+32.88	Rt	1509.7
98+84.00	to	116+03.50	Lt	382.1
116+15.50	to	143+32.88	Lt	1509.7
<b>Use</b>				<b>3749</b>

PIPE CULVERT REMOVAL				
CARGILL ELEVATOR RD				
Station	Size	Length (ft)		
107+29.50	36" CMP	80		
107+30.00	12" CMP	40		
109+00.00	12" CMP	40		
111+31.00	36" CMP	83		
119+53.00	18" CMP	58		
121+00.00	12" CMP	36		
122+50.00	12" CMP	36		
129+20.50	24" CMP	51		
<b>TOTAL</b>			<b>424</b>	

PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"				
CARGILL ELEVATOR RD				
Station				Each
118+01.80				1
<b>Total</b>				<b>1</b>

METAL FLARED END SECTIONS 18"				
CARGILL ELEVATOR RD				
Station				Each
119+53.00				2
<b>Total</b>				<b>2</b>

METAL FLARED END SECTIONS 24"				
CARGILL ELEVATOR RD				
Station				Each
129+20.50				2
140+50.00				2
<b>Total</b>				<b>4</b>

METAL FLARED END SECTIONS 42"				
CARGILL ELEVATOR RD				
Station				Each
107+75.00				4
108+00.00				4
108+25.00				4
108+50.00				4
108+75.00				4
<b>Total</b>				<b>20</b>

PIPE CULVERTS, CLASS D, TYPE 1 12" (TEMPORARY)				
CARGILL ELEVATOR RD				
Station				FOOT
107+30.00				40
109+00.00				40
121+00.00				36
122+50.00				36
<b>TOTAL</b>				<b>152</b>

PIPE CULVERTS, CLASS A, TYPE 2 15"				
CARGILL ELEVATOR RD				
Station				Length (ft)
116+00.00				30
136+50.00				50
138+50.00				50
<b>Total</b>				<b>130</b>

PIPE CULVERTS, CLASS D, TYPE 2 18"				
CARGILL ELEVATOR RD				
Station				Length (ft)
119+53.00				106
<b>Total</b>				<b>106</b>

GUARDRAIL REFLECTORS, TYPE A				
CARGILL ELEVATOR ROAD				
Station	TO	Station	Side	Quantity
99+25.00	TO	102+25.00	LT	3
107+25.00	TO	109+37.50	LT	2
114+87.50	TO	119+12.50	LT	5
139+00.00	TO	141+62.50	RT	3
139+37.50	TO	141+50.00	LT	2
<b>TOTAL</b>				<b>15</b>

PIPE CULVERTS, CLASS D, TYPE 2 24"				
CARGILL ELEVATOR RD				
Station				Length (ft)
129+20.50				74
140+50.00				78
<b>Total</b>				<b>152</b>

PIPE CULVERTS, CLASS D, TYPE 3 42"				
CARGILL ELEVATOR RD				
Station	Quantity			Length (ft)
107+75.00	2			104
108+00.00	2			104
108+25.00	2			104
108+50.00	2			104
108+75.00	2			104
<b>Total</b>				<b>1040</b>

STORM SEWERS, CLASS A, TYPE 1 12"				
CARGILL ELEVATOR RD				
Station	to	Station		FOOT
146+10.00	to	146+20.00		16
151+50.00	to	152+16.00		65
<b>TOTAL</b>				<b>81</b>

STORM SEWERS, CLASS A, TYPE 1 15"				
CARGILL ELEVATOR RD				
Station	to	Station		FOOT
145+80.00	to	146+10.00		24
146+10.00	to	146+10.00		32
<b>TOTAL</b>				<b>56</b>

STORM SEWERS, CLASS A, TYPE 3 24"				
CARGILL ELEVATOR RD				
Station	to	Station		FOOT
118+01.80	to	118+01.80		50
<b>TOTAL</b>				<b>50</b>

STORM SEWER REMOVAL 12"				
CARGILL ELEVATOR RD				
Station	to	Station		FOOT
151+50.00	to	152+19.50		64
152+28.00	to	140.0'		10
<b>TOTAL</b>				<b>74</b>

WATER VALVES TO BE ADJUSTED				
CARGILL ELEVATOR RD				
Station	RT	Length		EACH
152+14.00	RT	14'		1
152+16.00	RT	39'		1
<b>TOTAL</b>				<b>2</b>

MANHOLES, TYPE A, 4'-DIAMETER, TYPE 3 FRAME & GRATE				
CARGILL ELEVATOR RD				
Station				Each
146+10.00				2
<b>Total</b>				<b>2</b>

MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID				
CARGILL ELEVATOR RD				
Station				Each
118+01.80	RT			1
<b>Total</b>				<b>1</b>

INLETS, TYPE A, TYPE 3 FRAME & GRATE				
CARGILL ELEVATOR RD				
Station				Each
146+20.00				2
<b>Total</b>				<b>2</b>

INLETS, TYPE A, TYPE 8 GRATE				
CARGILL ELEVATOR RD				
Station				Each
152+30.00	45.0'	LT		1
<b>Total</b>				<b>1</b>

INLETS, TYPE A, TYPE 23 FRAME & GRATE				
CARGILL ELEVATOR RD				
Station				Each
151+50.00				1
152+16.00				1
<b>Total</b>				<b>2</b>

REMOVING INLETS				
CARGILL ELEVATOR RD				
Station	LT	Length		EACH
151+72.35	LT	14.5'		1
152+19.11	LT	23.8'		1
152+28.00	LT	40.0'		1
<b>TOTAL</b>				<b>3</b>

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24				
CARGILL ELEVATOR RD				
Station	to	Station	Side	FOOT
143+32.88	to	147+50.00	Lt	410
143+32.88	to	147+50.00	Rt	420
151+31.57	to	304+92.46	Lt	(IL RTE 3) 150
151+72.88	to	303+36.52	Rt	(IL RTE 3) 120
<b>Total</b>				<b>1100</b>

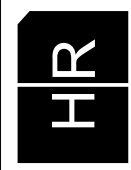
STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS				
CARGILL ELEVATOR ROAD				
Begin Station	to	End Station	Side	Length (ft)
99+75.00	to	101+75.00	LT	200.0
<b>Total</b>				<b>200.0</b>

STEEL PLATE BEAM GUARDRAIL, TYPE B, 9 FOOT POSTS				
CARGILL ELEVATOR ROAD				
Begin Station	to	End Station	Side	Length (ft)
107+50.00	to	108+87.50	LT	137.5
115+37.50	to	118+62.50	LT	325.0
139+87.50	to	141+00.00	LT	112.5
139+50.00	to	142+75.00	RT	325.0
<b>Total</b>				<b>900.0</b>

TRAFFIC BARRIER TERMINAL, TYPE 2				
CARGILL ELEVATOR RD				
Station	Side			EACH
99+25.00	Lt			1
107+25.00	Lt			1
114+87.50	Lt			1
139+37.50	Lt			1
142+75.00	Rt			1
<b>Total</b>				<b>5</b>

TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT				
CARGILL ELEVATOR ROAD				
Station	Side			Quantity
102+25.00	LT			1
109+37.50	LT			1
119+12.50	LT			1
139+00.00	RT			1
141+50.00	LT			1
<b>TOTAL</b>				<b>5</b>

HURST-ROSCHKE, INC.  
 NO. 5 BANK SQUARE  
 EAST SAINT LOUIS, ILLINOIS 62203  
 PHONE: 618-398-0890  
 HR JOB# 190-0917



FILE NAME = X:\Projects\Current\190-0917-Cargill.Rd\CON\SCHEDULE.dgn	USER NAME = ujeillion	DESIGNED - JJC	REVISED -
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	DATE - 01-22-19	CHECKED - JWR	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULES OF QUANTITIES**

SCALE: SHEET NO. 2 OF 3 SHEETS STA. TO STA.

F.A.S. RTE. CH37	SECTION 05-00043-00-PV	COUNTY ST. CLAIR	TOTAL SHEETS 96	SHEET NO. 9
CONTRACT NO. 97654				FED. ROAD DIST. NO. 8   ILLINOIS FED. AID PROJECT

# SCHEDULES OF QUANTITIES

FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS				
West 1st Street		Offset (ft)	EACH	
151+65.00	Lt	20.3	1	
151+75.00	Rt	19.7	1	
151+95.00	Rt	30	1	
152+08.60	Rt	45	1	
152+22.15	Lt	38	1	
<b>Total</b>			<b>5</b>	

SHORT TERM PAVEMENT MARKING				
CARGILL ELEVATOR ROAD				FOOT
<i>single skip dash</i>				
99+00	to	101+60	RT	52
101+60	to	124+32	CL	454
<i>double skip dash</i>				
98+84	to	101+60	CL	110
103+00	to	126+60	RT	944
124+32	to	147+50	CL	927
<b>TOTAL</b>				<b>2488</b>

SHORT TERM PAVEMENT MARKING REMOVAL				
CARGILL ELEVATOR RD				SO FT
<i>single skip dash</i>				
99+00	to	101+60	RT	17
101+60	to	124+32	CL	150
<i>double skip dash</i>				
98+84	to	101+60	CL	36
103+00	to	126+60	RT	312
124+32	to	147+50	CL	306
<b>TOTAL</b>				<b>821</b>

TEMPORARY PAVEMENT MARKING - LINE 4"					
CARGILL ELEVATOR RD					FOOT
<i>SOLID YELLOW</i>					
103+00	to	142+80	RT	Stage 2	3980
<i>SOLID DOUBLE YELLOW</i>					
103+50	to	142+80	LT	Stage 1	7860
98+85	to	101+43	RT	Stage 2	516
103+00	to	142+80	RT	Stage 2	7960
<b>TOTAL</b>					<b>20316</b>

TEMPORARY PAVEMENT MARKING - LINE 24"					
CARGILL ELEVATOR RD					FOOT
<i>SOLID YELLOW</i>					
98+60		Stop Bar	RT	Stage 1	12
103+50		Stop Bar	LT	Stage 1	12
142+80		Stop Bar	LT	Stage 1	12
147+50		Stop Bar	LT	Stage 1	12
142+80		Stop Bar	RT	Stage 2	12
<b>TOTAL</b>					<b>60</b>

PAVEMENT MARKING REMOVAL - GRINDING				
CARGILL ELEVATOR RD				SO FT
<i>solid white</i>				
103+00	to	142+80	RT	1313
<i>double yellow</i>				
98+85	to	101+43	RT	170
103+00	to	142+80	RT	2627
<b>TOTAL</b>				<b>4110</b>

SIGN PANEL - TYPE I				
CARGILL ELEVATOR RD		SIGN	SO FT	
105+00.00	RT	R2-1	5.0	
106+00.00	LT	R3-7L	9.0	
115+00.00	RT	W11-1	4.0	
115+00.00	RT	W11-15P	3.0	
116+00.00	RT	W11-1	4.0	
116+20.00	LT	W11-1	4.0	
116+25.00	RT	R1-1	6.3	
117+00.00	LT	W11-1	4.0	
117+00.00	LT	W11-15P	3.0	
142+00.00	RT/LT	R2-1	10.0	
143+00.00	RT	W16-1101	3.0	
147+00.00	LT	W16-1101	3.0	
<b>USE</b>			<b>59</b>	

TERMINAL MARKER - DIRECT APPLIED				
CARGILL ELEVATOR RD				EACH
99+25.00	LT			1
102+25.00	LT			1
107+25.00	LT			1
109+37.50	LT			1
114+87.50	LT			1
119+12.50	LT			1
139+00.00	RT			1
139+37.50	LT			1
142+75.00	RT			1
141+50.00	LT			1
<b>Total</b>				<b>10</b>

METAL POST - TYPE A				
CARGILL ELEVATOR RD		Off-set	Length (ft)	
105+00.00	RT	28.5	15	
106+00.00	LT	24.0	15	
115+00.00	RT	30.0	15	
116+00.00	RT	19.5	15	
116+20.00	LT	19.5	15	
116+25.00	RT	31.5	14	
117+00.00	LT	19.5	15	
142+00.00	RT/LT	19.5	15	
143+00.00	RT	25.0	14	
147+00.00	LT	19.0	14	
<b>Total</b>				<b>147</b>

THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS			SO FT
CARGILL ELEVATOR RD			
RR CROSSING @ STA. 99+50			
RAILROAD "R"			7.2
RAILROAD "X"			54
ARROWS @ STA 103+25 - 106+25			24
<b>Use</b>			<b>31</b>

THERMOPLASTIC PAVEMENT MARKING - LINE 4"				
CARGILL ELEVATOR RD				FOOT
<i>SKIP DASH - WHITE</i>				
107+00	to	124+32	CL	433
<i>SOLID WHITE</i>				
98+84	to	147+50	RT	4866
98+84	to	147+50	LT	4866
103+00	to	107+00	CL	400
<i>SOLID DOUBLE YELLOW</i>				
98+84	to	101+60	CL	1104
103+00	to	146+35	CL	8670
123+00	to	126+60	CL	720
<b>TOTAL</b>				<b>21289</b>

THERMOPLASTIC PAVEMENT MARKING - LINE 12"				
CARGILL ELEVATOR RD				FOOT
99+20	to	101+50		92
116+00				72
123+00	to	126+00		44
<b>TOTAL</b>				<b>208</b>

THERMOPLASTIC PAVEMENT MARKING - LINE 24"			
CARGILL ELEVATOR RD			FOOT
99+00.00		STOP BAR	12
99+50.00		RR	12
100+00.00		RR	12
152+03.00		STOP BAR	22
<b>TOTAL</b>			<b>58</b>

ADJUST MONITORING WELLS			
CARGILL ELEVATOR RD			EACH
118+22.80	RT	62.3'	1
118+22.00	RT	65.0'	1
118+24.50	RT	65.2'	1
<b>TOTAL</b>			<b>3</b>

BOLLARD REMOVAL			
CARGILL ELEVATOR RD			EACH
118+17.08	RT	63.0'	1
118+22.00	RT	59.0'	1
118+23.00	RT	71.0'	1
118+28.00	RT	67.6'	1
<b>TOTAL</b>			<b>4</b>

BOLLARDS			
CARGILL ELEVATOR RD			EACH
118+17.08	RT	63.0'	1
118+22.00	RT	59.0'	1
118+23.00	RT	71.0'	1
118+28.00	RT	67.6'	1
<b>TOTAL</b>			<b>4</b>

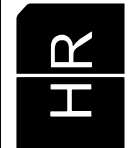
STEEL RAILING REMOVAL			
CARGILL ELEVATOR RD			FOOT
114+65.00	LT	5'	10
114+95.00	LT	37'	10
<b>TOTAL</b>			<b>20</b>

REINSTALLING EXISTING STEEL GATE ASSEMBLY			
CARGILL ELEVATOR RD			EACH
132+40.00	RT		1
145+35.00	LT		1
<b>TOTAL</b>			<b>2</b>

ENTRANCE SCHEDULE										
TYPE	SIDE / STATION	SURFACE EXISTING	WIDTH PROPOSED	LENGTH (L)	HOT-MIX ASPHALT BASE COURSE		AGGREGATE SURFACE COURSE, TYPE B	INCIDENTAL HOT-MIX ASPHALT SURFACING	PCC DRIVEWAY	DRIVEWAY PAVEMENT REMOVAL
					8"	10"	2"	8"	SO YD	SO YD
<i>CARGILL ELEVATOR ROAD</i>										
FE	LT	98+97.00	AGG	18'	14'	54.7	16.7	6.1		
FE	RT	99+08.00	AGG	18'	16'	43.1	18.3	4.8		
FE	RT	101+00.00	-	12'	74'	26.0	56.4	2.9		
CE*	LT	114+50.00	AGG	32'	158'	81.0	276.7	9.1		
CE**	RT	116+10.00	AGG	10'	-	107.7	-	12.1		
FE	RT	117+25.00	-	20'	59'	71.9	77.1	8.1		
CE	RT	132+40.00	AGG	24'	18'	60.8	28.0	6.8		
CE	RT	136+50.00	AGG	36'	18'	79.2	40.4	8.9		
CE	RT	138+50.00	-	36'	18'	79.2	40.6	8.9		
CE	LT	138+91.00	BIT	24'	-	94.1	-	10.1		87.9
STAGE 1	RT	142+80.00	-	5'	8'	-	-	2.0		
CE	LT	143+70.00	AGG	24'	10'	-	15.6	-	38.2	
CE	RT	143+84.00	AGG	24'	15'	-	22.4	-	37.2	
FE	LT	145+35.00	AGG	18'	28'	-	47.5	-		
FE	RT	145+37.00	AGG	12'	20'	-	27.3	-		
<i>ILLINOIS ROUTE 3</i>										
CE	LT	305+00.00								55.1
<b>USE</b>					<b>698</b>	<b>667</b>	<b>80</b>	<b>75</b>	<b>143</b>	

- \* ENTRANCE A & B
- \*\* BIKE PATH

HURST-ROSCHKE, INC.  
 NO. 5 BANK SQUARE  
 EAST SAINT LOUIS, ILLINOIS 62203  
 PHONE: 618-398-0890  
 HR JOB# 190-0917



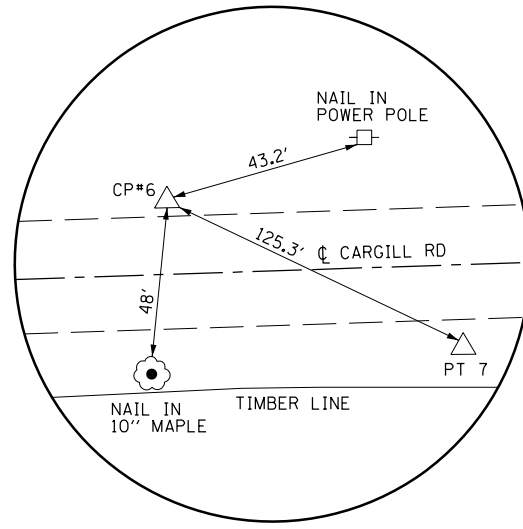
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	PLOT DATE = 2/19/2019	DATE - 01-22-19	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

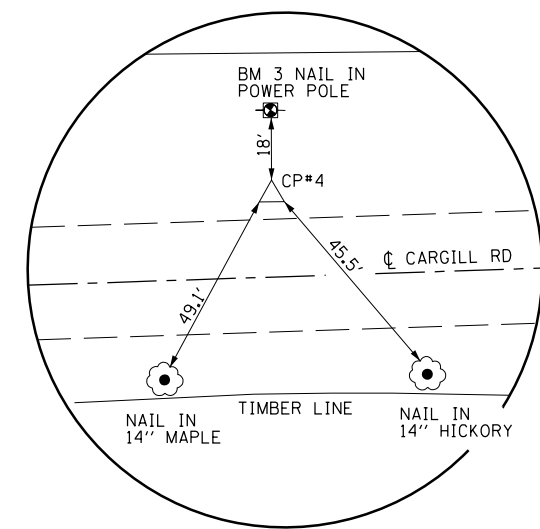
<b>SCHEDULES OF QUANTITIES</b>			
SCALE:	SHEET NO. 3 OF 3 SHEETS	STA.	TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH37	05-00043-00-PV	ST. CLAIR	96	10
CONTRACT NO. 97654				
FED. ROAD DIST. NO. 8 (ILLINOIS) FED. AID PROJECT				

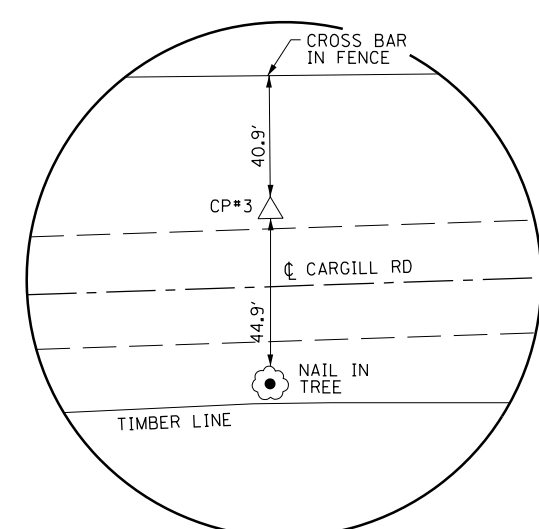




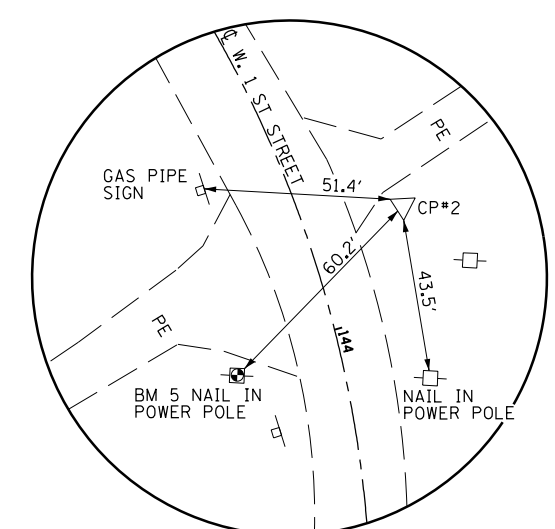
**CARGILL ROAD**  
 STA 108+45.28, 35.61' LT  
 N 696696.76, E 2287343.83  
 CONTROL POINT #6



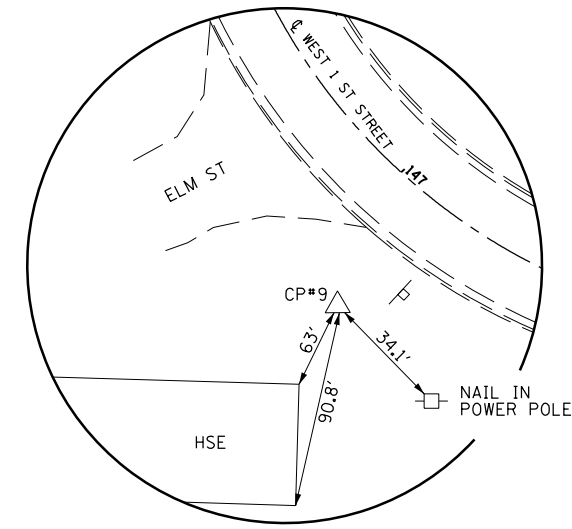
**CARGILL ROAD**  
 STA 124+92.16, 28.46' LT  
 N 695344.62, E 2288283.59  
 CONTROL POINT #4



**CARGILL ROAD**  
 STA 132+77.38, 27.08' LT  
 N 694697.19, E 2288727.90  
 CONTROL POINT #3



**CARGILL ROAD**  
 STA 143+80.59, 33.84' LT  
 N 693785.89, E 2289358.80  
 CONTROL POINT #2



**WEST 1 ST STREET**  
 STA 147+10.16, 35.99' RT  
 N 693435.29, E 2289392.23  
 CONTROL POINT #9

BM #1 STA 99+30.80, 28.96' LT.  
 MAG NAIL IN POWER POLE  
 ELEVATION 408.85

BM #4 STA 136+39.64, 45.28' LT.  
 MAG NAIL IN POWER POLE  
 ELEVATION 402.63

BM #2 STA 106+46.05, 57.39' LT.  
 MAG NAIL IN POWER POLE  
 ELEVATION 408.28

BM #5 STA 144+05.75, 20.26' RT.  
 MAG NAIL IN POWER POLE  
 ELEVATION 414.81

BM #3 STA 124+92.19, 45.98' LT.  
 MAG NAIL IN POWER POLE  
 ELEVATION 402.21

HURST-ROSCHKE, INC.  
 NO. 5 BANK SQUARE  
 EAST SAINT LOUIS, ILLINOIS 62203  
 PHONE: 618-398-0890  
 HR JOB# 190-0917



FILE NAME =	USER NAME = ujellison	DESIGNED - JJC	REVISED -
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		CHECKED - JWR	REVISED -
		DATE - 01-22-19	REVISED -

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

REFERENCE TIES & BENCHMARKS			
SCALE: NONE	SHEET NO. 1	OF 1 SHEETS	STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH37	05-00043-00-PV	ST. CLAIR	96	11
CONTRACT NO. 97654				
FED. ROAD DIST. NO. 8   ILLINOIS   FED. AID PROJECT				

PROP. CURVE CARGIL-1A  
 PI STA. = 100+57.68  
 $\Delta = 4^\circ 05' 36''$  (RT)  
 D = 1° 17' 57"  
 R = 4,410.00'  
 T = 157.60'  
 L = 315.07'  
 E = 2.82'  
 e = N.C.  
 P.C. STA = 99+00.08  
 P.T. STA = 102+15.15

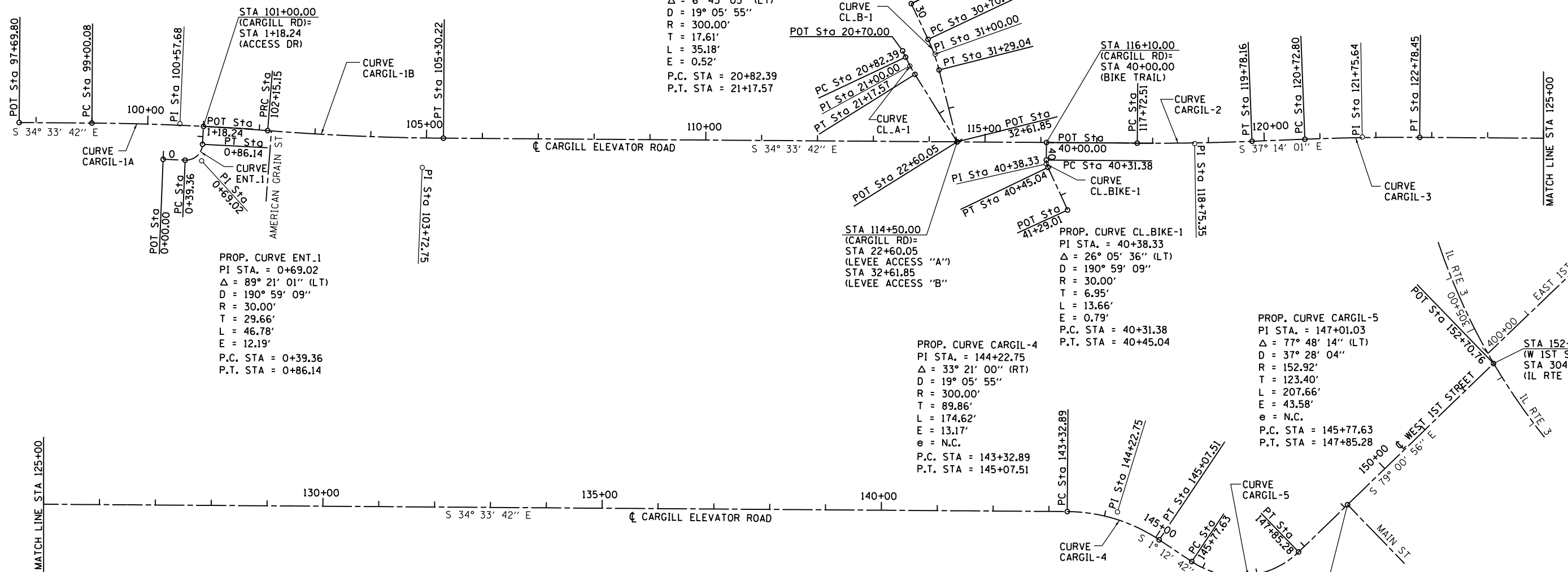
PROP. CURVE CARGIL-1B  
 PI STA. = 103+72.75  
 $\Delta = 4^\circ 05' 36''$  (LT)  
 D = 1° 17' 57"  
 R = 4,410.00'  
 T = 157.60'  
 L = 315.07'  
 E = 2.82'  
 e = N.C.  
 P.C. STA = 102+15.15  
 P.T. STA = 105+30.22

PROP. CURVE CL-B-1  
 PI STA. = 31+00.00  
 $\Delta = 11^\circ 07' 39''$  (RT)  
 D = 19° 05' 55"  
 R = 300.00'  
 T = 29.22'  
 L = 58.26'  
 E = 1.42'  
 P.C. STA = 30+70.78  
 P.T. STA = 31+29.04

PROP. CURVE CARGIL-2  
 PI STA. = 118+75.35  
 $\Delta = 2^\circ 40' 19''$  (LT)  
 D = 1° 17' 57"  
 R = 4,410.00'  
 T = 102.84'  
 L = 205.65'  
 E = 1.20'  
 e = N.C.  
 P.C. STA = 117+72.51  
 P.T. STA = 119+78.16

PROP. CURVE CARGIL-3  
 PI STA. = 121+75.64  
 $\Delta = 2^\circ 40' 19''$  (RT)  
 D = 1° 17' 57"  
 R = 4,410.00'  
 T = 102.84'  
 L = 205.65'  
 E = 1.20'  
 e = N.C.  
 P.C. STA = 120+72.80  
 P.T. STA = 122+78.45

PROP. CURVE CL-A-1  
 PI STA. = 21+00.00  
 $\Delta = 6^\circ 43' 05''$  (LT)  
 D = 19° 05' 55"  
 R = 300.00'  
 T = 17.61'  
 L = 35.18'  
 E = 0.52'  
 P.C. STA = 20+82.39  
 P.T. STA = 21+17.57



PROP. CURVE ENT.1  
 PI STA. = 0+69.02  
 $\Delta = 89^\circ 21' 01''$  (LT)  
 D = 190° 59' 09"  
 R = 30.00'  
 T = 29.66'  
 L = 46.78'  
 E = 12.19'  
 P.C. STA = 0+39.36  
 P.T. STA = 0+86.14

PROP. CURVE CARGIL-4  
 PI STA. = 144+22.75  
 $\Delta = 33^\circ 21' 00''$  (RT)  
 D = 19° 05' 55"  
 R = 300.00'  
 T = 89.86'  
 L = 174.62'  
 E = 13.17'  
 e = N.C.  
 P.C. STA = 143+32.89  
 P.T. STA = 145+07.51

PROP. CURVE CL-BIKE-1  
 PI STA. = 40+38.33  
 $\Delta = 26^\circ 05' 36''$  (LT)  
 D = 190° 59' 09"  
 R = 30.00'  
 T = 6.95'  
 L = 13.66'  
 E = 0.79'  
 P.C. STA = 40+31.38  
 P.T. STA = 40+45.04

PROP. CURVE CARGIL-5  
 PI STA. = 147+01.03  
 $\Delta = 77^\circ 48' 14''$  (LT)  
 D = 37° 28' 04"  
 R = 152.92'  
 T = 123.40'  
 L = 207.66'  
 E = 43.58'  
 e = N.C.  
 P.C. STA = 145+77.63  
 P.T. STA = 147+85.28

ALIGNMENT COORDINATES - CARGILL RD			
CARGILL RD	STATION	NORTH	EAST
POB	97+69.80	697574.5551	2286723.2219
PC	99+00.08	697467.2254	2286797.1303
PI	100+57.68	697337.4788	2286886.5361
PT	102+15.15	697201.6413	2286966.4432
PC	102+15.15	697201.6413	2286966.4432
PI	103+72.75	697065.8038	2287046.3623
PT	105+30.22	696936.0173	2287135.7680
PC	117+72.51	695912.9721	2287840.5107
PI	118+75.35	695828.2784	2287898.8535
PT	119+78.16	695746.3965	2287961.0808
PC	120+72.80	695671.0477	2288018.3433
PI	121+75.64	695589.1658	2288080.5707
PT	122+78.45	695504.4721	2288138.9134

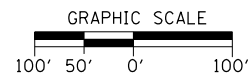
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CARGILL RD	STATION	NORTH	EAST
PC	143+32.89	693812.6089	2289304.3832
PI	144+22.75	693738.6061	2289355.3613
PT	145+07.51	693648.7643	2289357.2614
PC	145+77.63	693578.6603	2289358.7440
PI	147+01.03	693455.2882	2289361.3533
PT	147+85.28	693431.7754	2289482.4922
POT	152+70.76	693339.2717	2289959.0744

ALIGNMENT COORDINATES - ACCESS DR			
ACCESS DR	STATION	NORTH	EAST
POB	0+00.00	697325.5532	2286817.1734
PC	0+39.36	697292.4031	2286838.3851
PI	0+69.02	697267.4184	2286854.3721
PT	0+86.14	697283.1210	2286879.5365
POT	1+18.24	697300.1163	2286906.7723

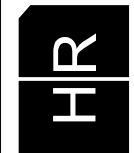
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LEVEE "A"	STATION	NORTH	EAST
POB	20+70.00	696351.8780	2287735.2055
PC	20+82.39	696341.1241	2287729.0485
PI	21+00.00	696325.8432	2287720.2996
PT	21+17.57	696309.6437	2287713.3985
POT	22+60.05	696178.5605	2287657.5555

ALIGNMENT COORDINATES - LEVEE ACCESS "B"			
LEVEE "B"	STATION	NORTH	EAST
POB	30+00.00	696387.7829	2287813.3774
PC	30+70.78	696326.3608	2287778.2111
PI	31+00.00	696301.0000	2287744.5496
PT	31+29.04	696278.9182	2287713.3985
POT	32+61.85	696178.5605	2287657.5555

ALIGNMENT COORDINATES - BIKE TRAIL			
BIKE TRAIL	STATION	NORTH	EAST
POB	40+00.00	696046.7980	2287748.3224
PC	40+31.38	696028.9963	2287722.4805
PI	40+38.33	696025.0526	2287716.7556
PT	40+45.04	696018.9929	2287713.3488
POT	41+29.01	695946.5375	2287670.9177



HURST-ROSCHKE, INC.  
 NO. 5 BANK SQUARE  
 EAST SAINT LOUIS, ILLINOIS 62203  
 PHONE: 618-398-0890  
 HR JOB# 190-0917



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PLOT DATE = 1/22/2019	DATE - 01-22-19		REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

CENTERLINE ALIGNMENT

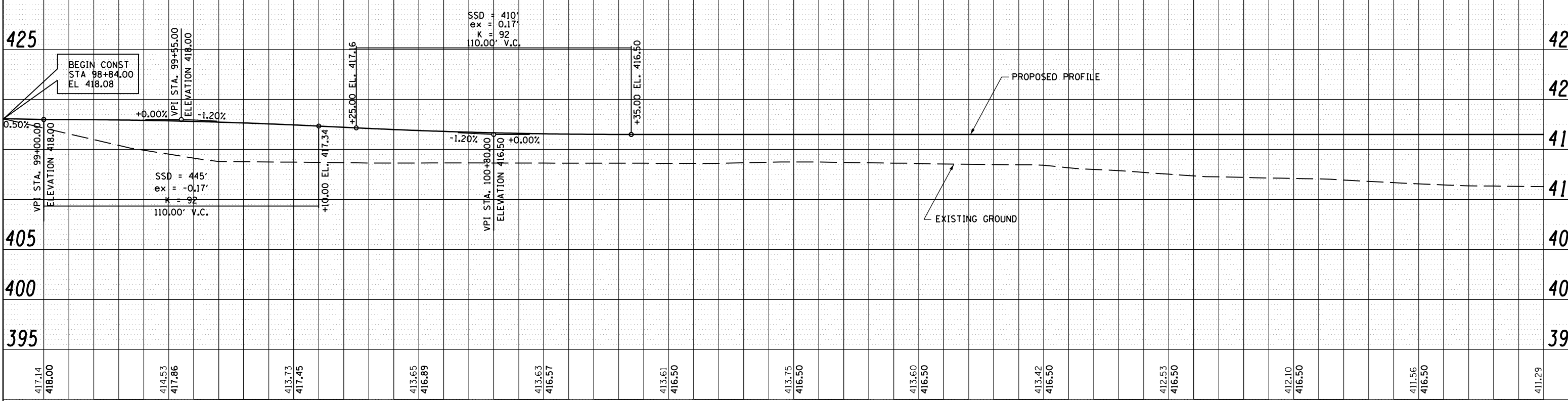
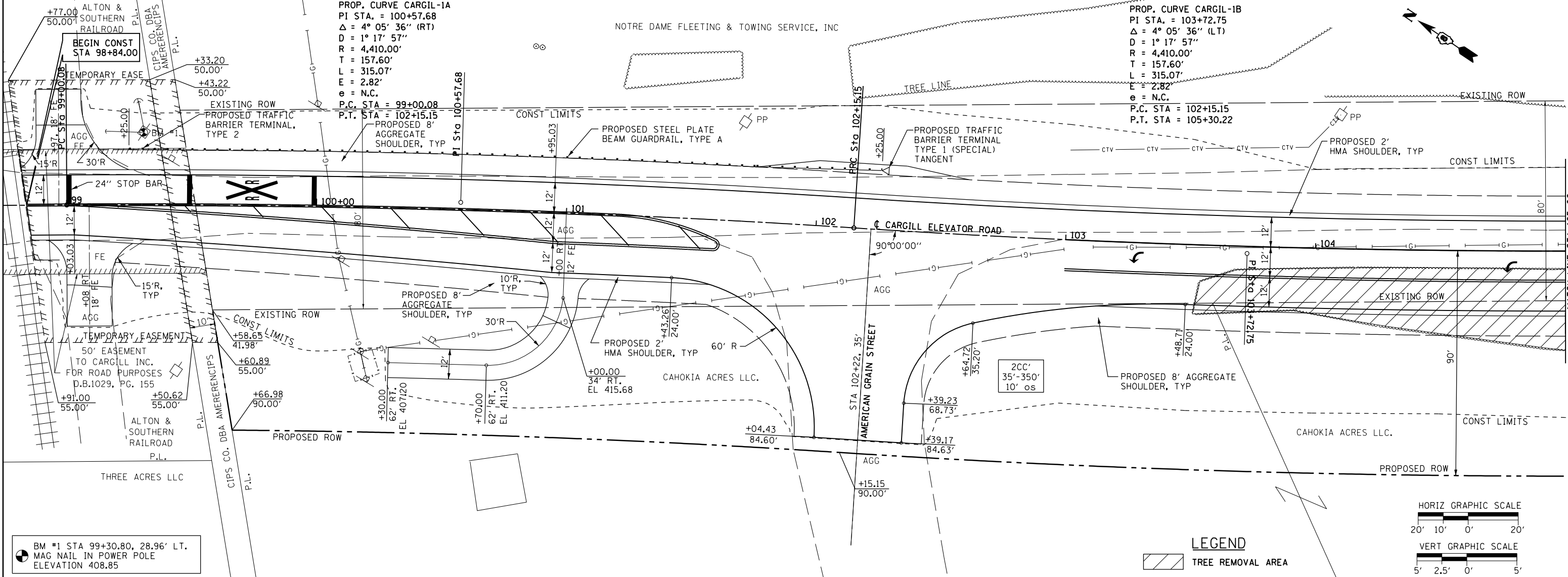
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F.A.S. RTE. CH37	SECTION 05-00043-00-PV	COUNTY ST CLAIR	TOTAL SHEETS 96	SHEET NO. 12
CONTRACT NO. 97654			FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT	

DATE: \_\_\_\_\_ BY: \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 PLANNING: \_\_\_\_\_  
 NO. \_\_\_\_\_

DATE: \_\_\_\_\_ BY: \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 PROFILE: \_\_\_\_\_  
 NO. \_\_\_\_\_

HURST-ROSCHKE, INC.  
 NO. 5 BANK SQUARE  
 EAST SAINT LOUIS, ILLINOIS 62203  
 PHONE: 618-398-0890  
 HR JOB# 190-0917



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PLOT SCALE = 38.8237' / in.	PLOT DATE = 1/22/2019	CHECKED - JWR	DATE - 01-22-19	SCALE: 1"=20'	SHEET NO. 1 OF 10 SHEETS	STA. 98+84	TO STA. 105+00	FED. ROAD DIST. NO. 8   ILLINOIS FED. AID PROJECT			



BM #2 STA 106+46.05, 57.39' LT.  
MAG NAIL IN POWER POLE  
ELEVATION 408.28

NOTRE DAME FLEETING &  
TOWING SERVICE, INC

STA 107+30.00, 1.0' LT  
CONSTRUCT 40 LF  
TEMPORARY PIPE CULVERT  
CLASS D, TYPE 1, 12"  
SOUTH FL: EL 411.30±  
NORTH FL: EL 410.50±

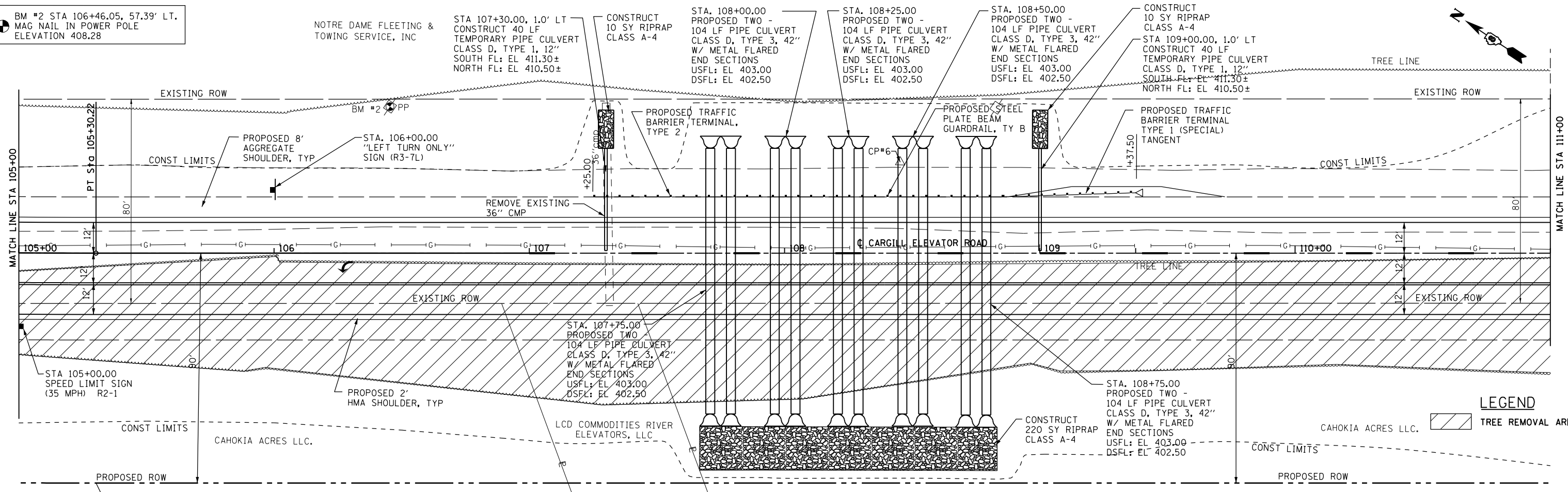
CONSTRUCT  
10 SY RIPRAP  
CLASS A-4

STA. 108+00.00  
PROPOSED TWO -  
104 LF PIPE CULVERT  
CLASS D, TYPE 3, 42"  
W/ METAL FLARED  
END SECTIONS  
USFL: EL 403.00  
DSFL: EL 402.50

STA. 108+25.00  
PROPOSED TWO -  
104 LF PIPE CULVERT  
CLASS D, TYPE 3, 42"  
W/ METAL FLARED  
END SECTIONS  
USFL: EL 403.00  
DSFL: EL 402.50

STA. 108+50.00  
PROPOSED TWO -  
104 LF PIPE CULVERT  
CLASS D, TYPE 3, 42"  
W/ METAL FLARED  
END SECTIONS  
USFL: EL 403.00  
DSFL: EL 402.50

CONSTRUCT  
10 SY RIPRAP  
CLASS A-4  
STA 109+00.00, 1.0' LT  
CONSTRUCT 40 LF  
TEMPORARY PIPE CULVERT  
CLASS D, TYPE 1, 12"  
SOUTH FL: EL 411.30±  
NORTH FL: EL 410.50±

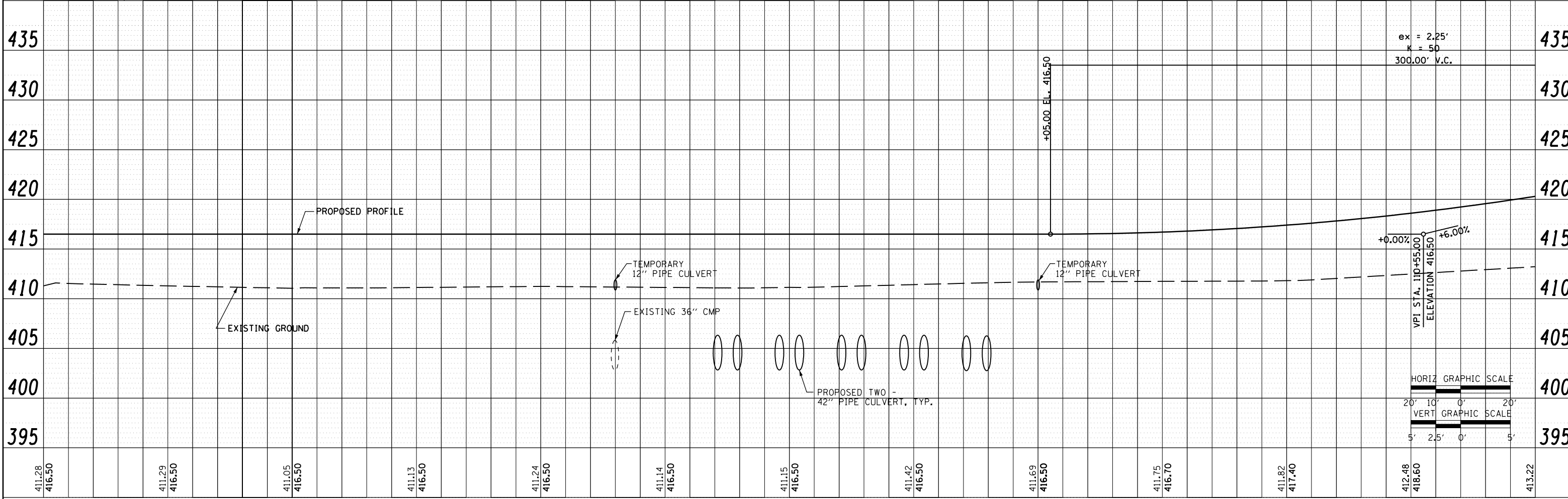


**LEGEND**  
CAHOKIA ACRES LLC. TREE REMOVAL AREA

DATE	
BY	
REVISIONS	
NO.	
DESCRIPTION	
DATE	
BY	
NO.	
DESCRIPTION	
DATE	
BY	
NO.	
DESCRIPTION	

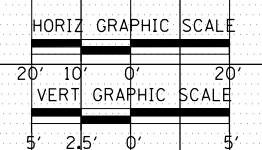
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DESCRIPTION	

HURST-ROSCHIE, INC.  
NO. 5 BANK SQUARE  
EAST SAINT LOUIS, ILLINOIS 62203  
PHONE: 618-398-0890  
HR JOB# 190-0917



ex = 2.25'  
k = 50  
300.00' V.C.

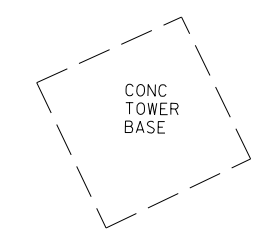
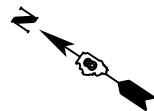
+0.00%  
+6.00%



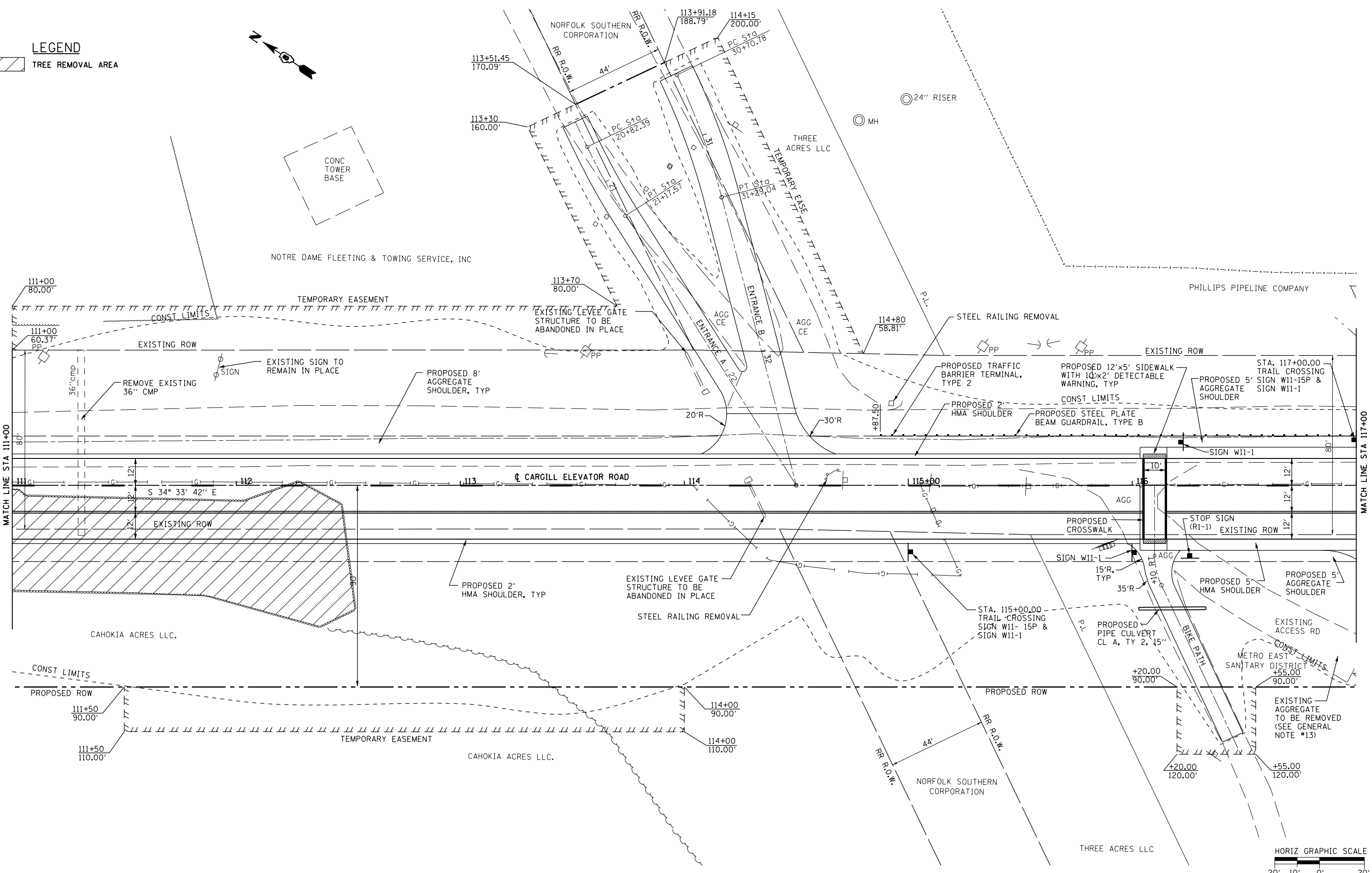
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105+00	105+50	106+00	106+50	107+00	107+50	108+00	108+50	109+00	109+50	110+00	110+50	111+00				
USER NAME = ujellison				DESIGNED - JJC				REVISED -				F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 38.8237' / in.				CHECKED - JWR				REVISED -				CH37	05-00043-00-PV	ST CLAIR	96	14
PLOT DATE = 2/28/2019				DATE - 01-22-19				REVISED -				CONTRACT NO. 97654				
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				CARGILL ELEVATOR ROAD				SCALE: 1"=20'				SHEET NO. 2 OF 10 SHEETS STA. 105+00 TO STA. 111+00				
												FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				

**LEGEND**

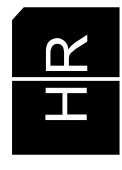
 TREE REMOVAL AREA



NOTRE DAME FLEETING & TOWING SERVICE, INC



HURST-ROSCHKE, INC.  
 NO. 5 BANK SQUARE  
 EAST SAINT LOUIS, ILLINOIS 62203  
 PHONE: 618-398-0890  
 HR JOB# 190-0917



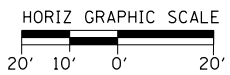
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

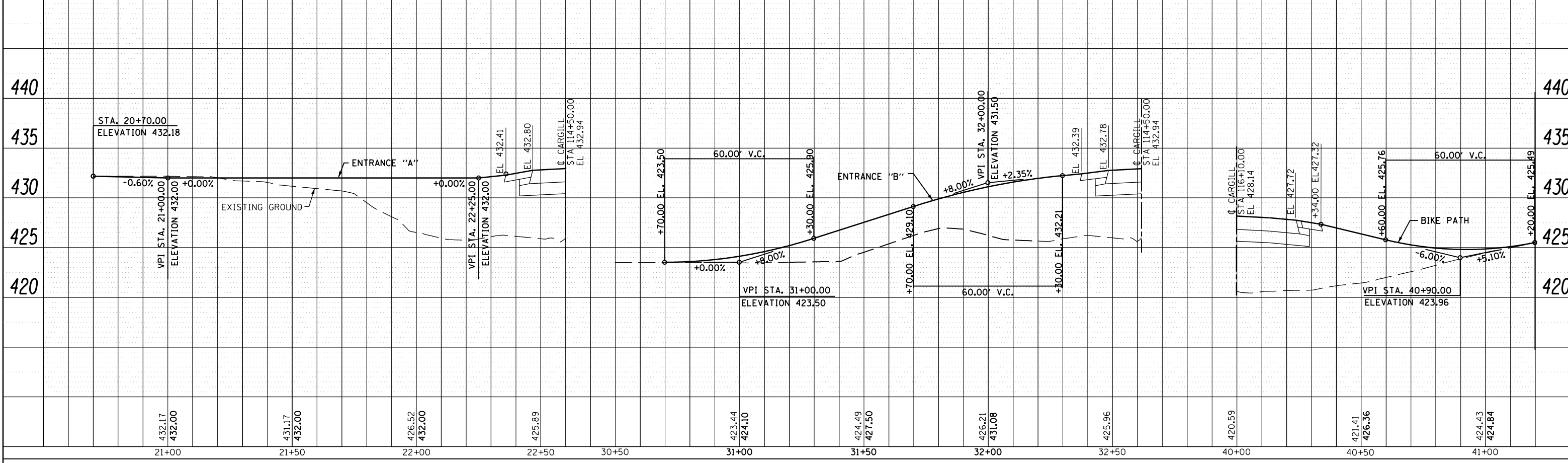
**CARGILL ELEVATOR ROAD**

SCALE: 1"=20' SHEET 3A OF 10 SHEETS STA. 111+00 TO STA. 117+00

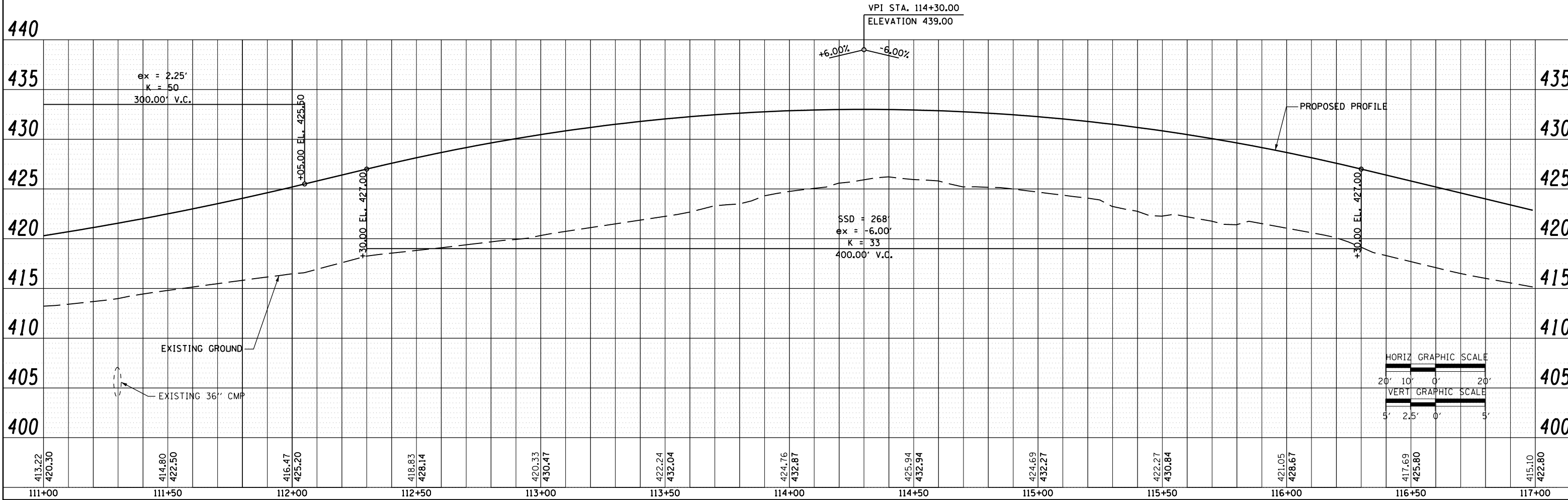
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CONTRACT NO. 97654				
ILLINOIS FED. AID PROJECT				



DATE	
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PLANNED	
ALIGNED	
CHECKED	
NO. OF WAY	
FILE NAME	
PLAN	
NO.	



DATE	
BY	
REVISIONS	
PROFILE	
GRADES	
CHECKED	
NO. OF WAY	
FILE NAME	
PROFILE	
NO.	



HURST-ROSCHKE, INC.  
 NO. 5 BANK SQUARE  
 EAST SAINT LOUIS, ILLINOIS 62203  
 PHONE: 618-398-0890  
 HR JOB# 190-0917

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DESIGNED -	JJC
DRAWN -	UJ
CHECKED -	JWR
DATE -	01-22-19
PLOT SCALE =	38.8237' / in.
PLOT DATE =	1/22/2019

REVISIONS	
REVISED -	
REVISED -	
REVISED -	
REVISED -	

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CARGILL ELEVATOR ROAD**

SCALE: 1"=20'    SHEET 3B OF 10 SHEETS    STA. 111+00 TO STA. 117+00

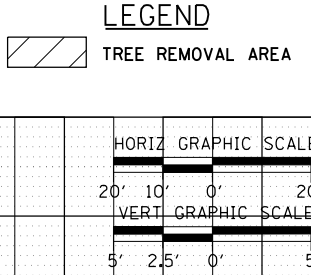
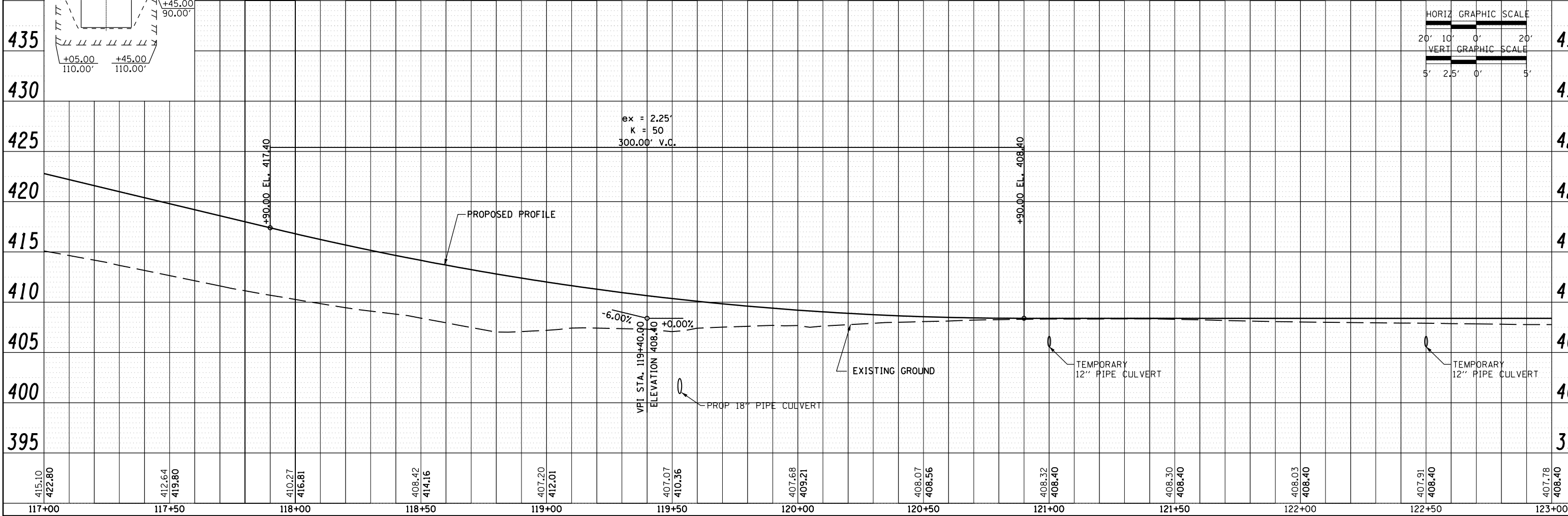
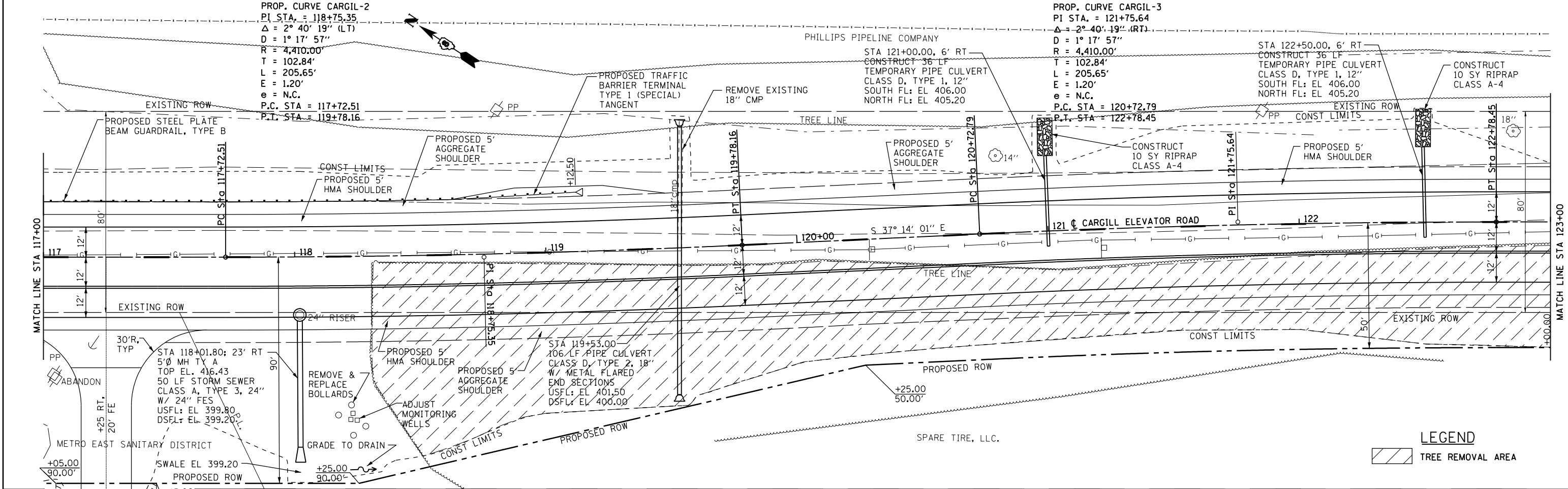
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CH37	05-00043-00-PV	ST. CLAIR	96	16
CONTRACT NO. 97654			ILLINOIS FED. AID PROJECT	



DATE	
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REVISIONS	
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REVISIONS	
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HURST-ROSCHE, INC.  
 NO. 5 BANK SQUARE  
 EAST SAINT LOUIS, ILLINOIS 62203  
 PHONE: 618-398-0890  
 HR JOB# 190-0917



FILE NAME =	X:\Projects\Current\190-0917_Cargill.Rd\DWG
USER NAME =	ujellison
PLOT SCALE =	38.8237' / in.
PLOT DATE =	2/28/2019

DESIGNED -	JJC	REVISED -	
DRAWN -	UJ	REVISED -	
CHECKED -	JWR	REVISED -	
DATE -	01-22-19	REVISED -	

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CARGILL ELEVATOR ROAD**

SCALE: 1"=20'    SHEET NO. 4 OF 10 SHEETS    STA. 117+00 TO STA. 123+00

F.A.S RTE.	CH37	SECTION	05-00043-00-PV	COUNTY	ST. CLAIR	TOTAL SHEETS	96	SHEET NO.	17
						CONTRACT NO.	97654		
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT									

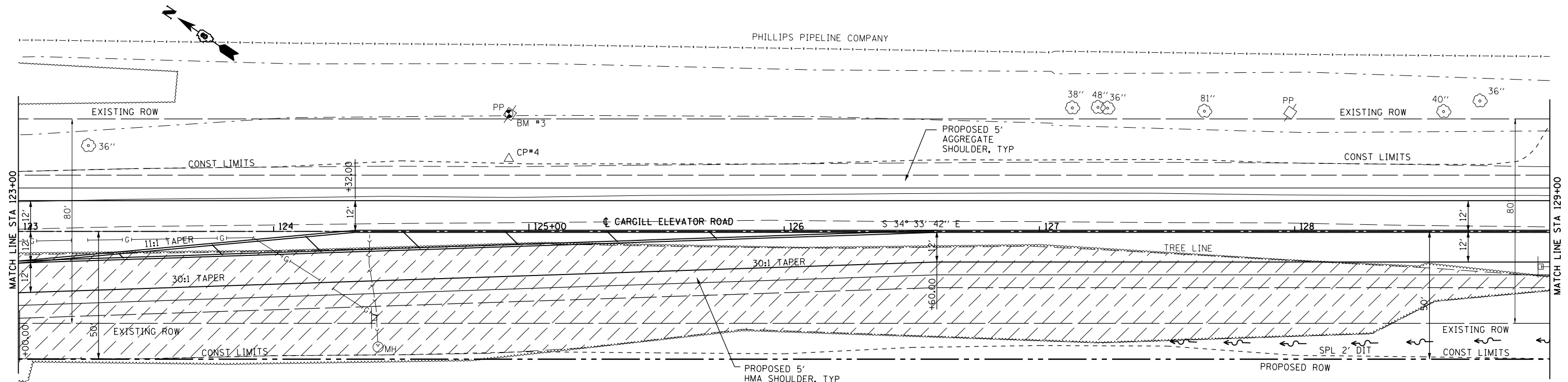
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BY  
REVIEWED  
PLANNING  
CHECKED  
ALIGNMENT  
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STRUCTURE  
NOTATIONS  
CHKD  
NO.  
NO.  
NO.  
NO.  
NO.  
NO.

DATE  
BY  
REVIEWED  
PLANNING  
CHECKED  
ALIGNMENT  
CHECKED  
GRADE  
CHECKED  
STRUCTURE  
NOTATIONS  
CHKD  
NO.  
NO.  
NO.  
NO.  
NO.  
NO.

HURST-ROSCHE, INC.  
NO. 5 BANK SQUARE  
EAST SAINT LOUIS, ILLINOIS 62203  
PHONE: 618-398-0890  
HR JOB# 190-0917



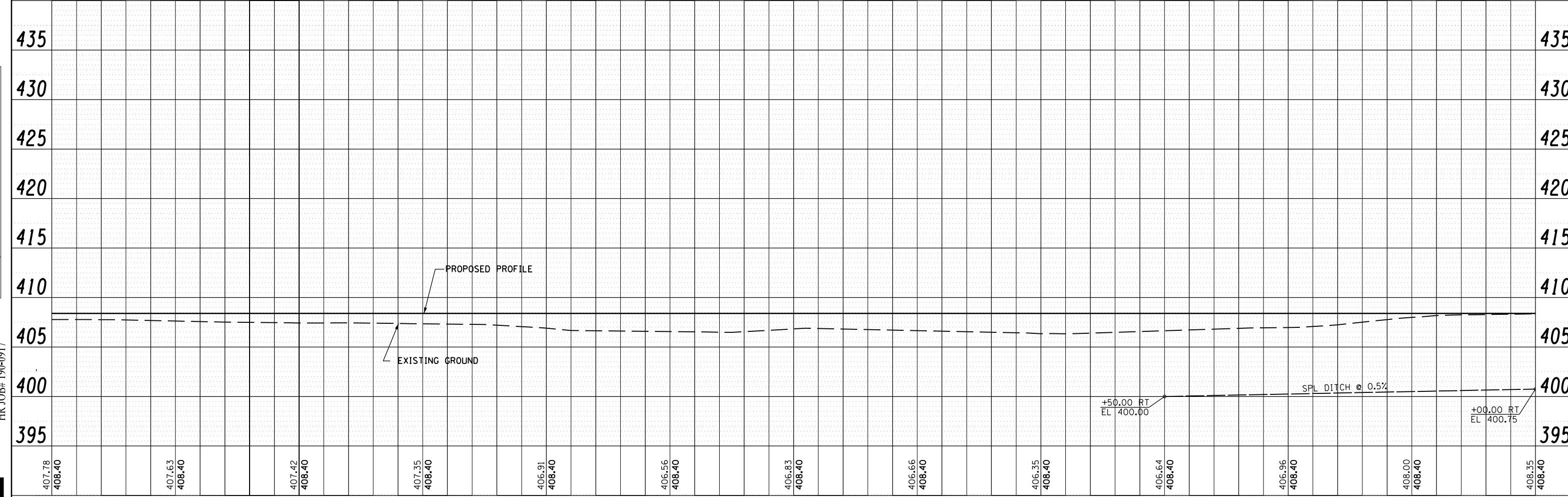
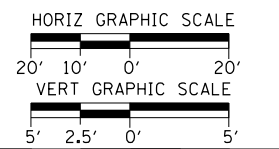
PHILLIPS PIPELINE COMPANY



BM #3 STA 124+92.19, 45.98' LT.  
MAG NAIL IN POWER POLE  
ELEVATION 402.21

**LEGEND**  
 TREE REMOVAL AREA

SPARE TIRE, LLC.



FILE NAME = X:\Projects\Current\190-0917_Cargill.Rd\DDP\pp05.dgn	USER NAME = ujellison	DESIGNED - JJC	REVISED -
PLOT SCALE = 38.8237' / 1" =	CHECKED - JWR	DRAWN - UJ	REVISED -
PLOT DATE = 1/22/2019	DATE - 01-22-19		REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CARGILL ELEVATOR ROAD**

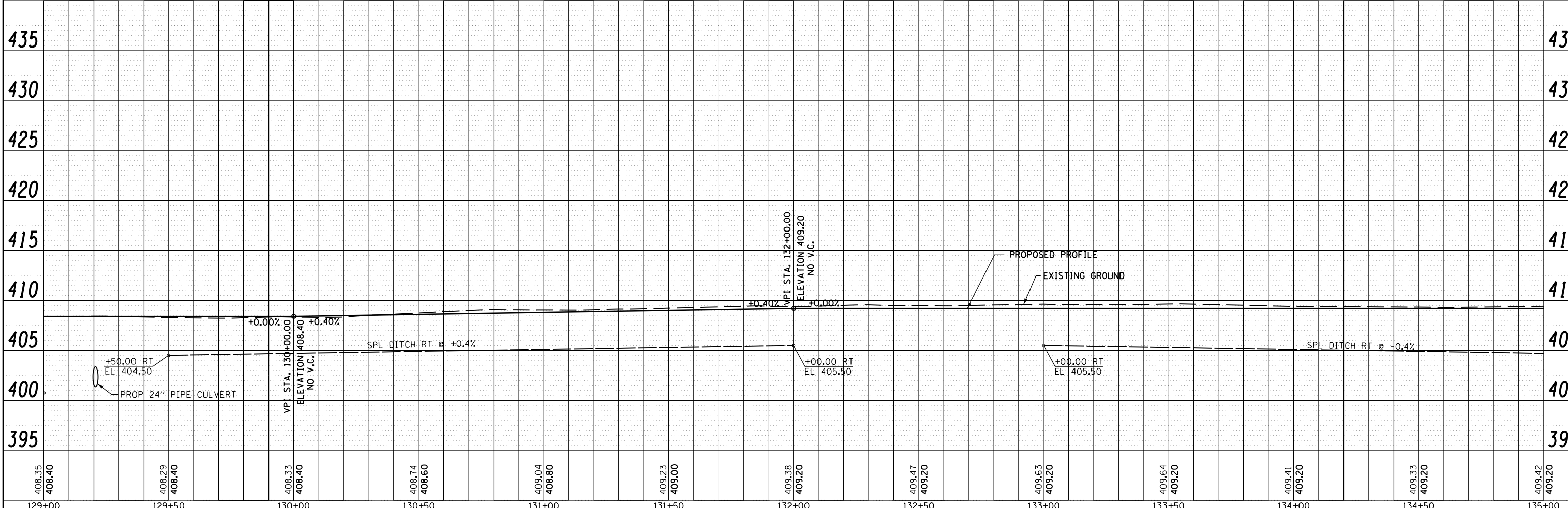
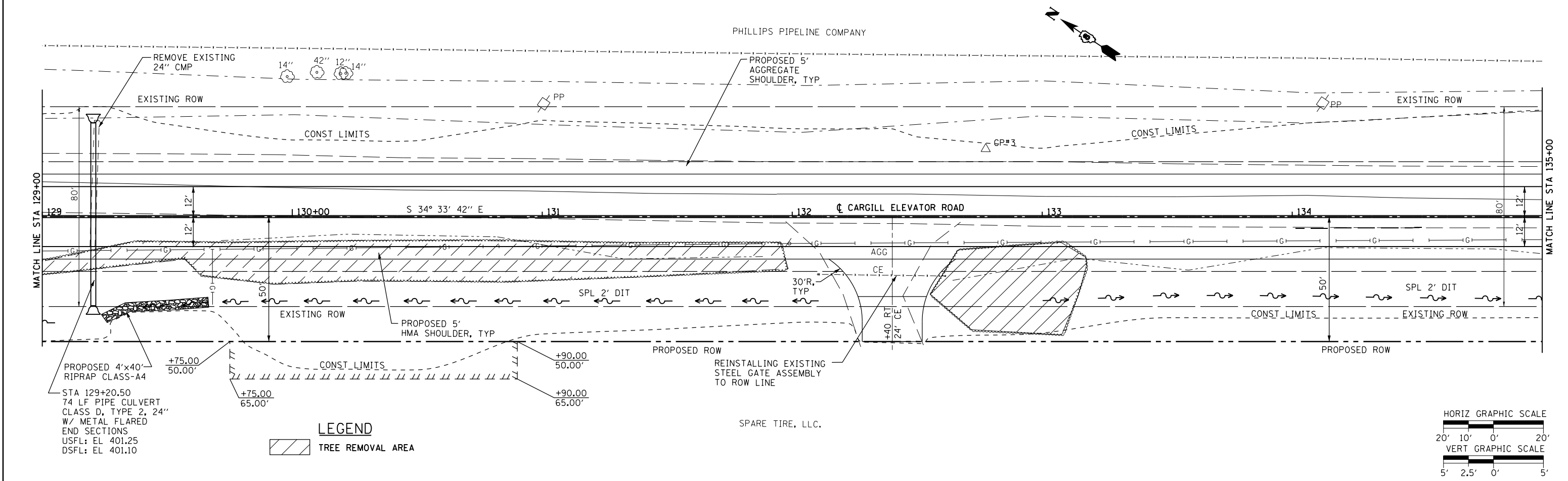
SCALE: 1"=20'    SHEET NO. 5 OF 10 SHEETS    STA. 123+00 TO STA. 129+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH37	05-00043-00-PV	ST. CLAIR	96	18
CONTRACT NO. 97654				
FED. ROAD DIST. NO. 8   ILLINOIS FED. AID PROJECT				

DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 ALIGNED: \_\_\_\_\_  
 PLOTTED: \_\_\_\_\_  
 PLAN NO. \_\_\_\_\_

DATE: \_\_\_\_\_  
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 CHECKED: \_\_\_\_\_  
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 PROFILE NO. \_\_\_\_\_

HURST-ROSCHIE, INC.  
 NO. 5 BANK SQUARE  
 EAST SAINT LOUIS, ILLINOIS 62203  
 PHONE: 618-398-0890  
 HR JOB# 190-0917



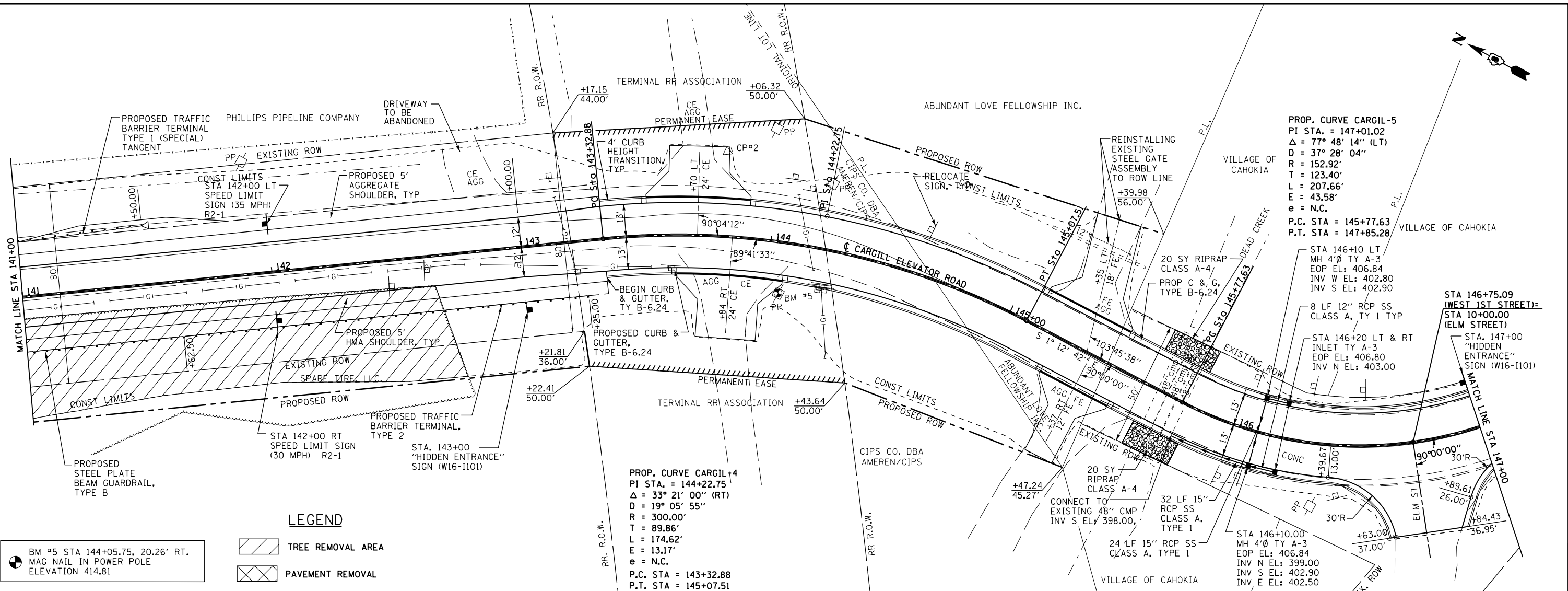
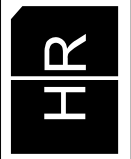
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PLOT SCALE = 38.8237' / 1" =		DRAWN - UJ	REVISED -	CARGILL ELEVATOR ROAD	CH37	05-00043-00-PV	ST. CLAIR	96	19
PLOT DATE = 2/28/2019		CHECKED - JWR	REVISED -	SCALE: 1"=20'	SHEET NO. 6 OF 10 SHEETS		CONTRACT NO. 97654	STA. 129+00 TO STA. 135+00	
		DATE - 01-22-19	REVISED -		FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				



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

DATE	BY
PROFILE	SURVEYED
NOTE BOOK	GRADES CHECKED
NO.	STRUCTURE NOTATIONS CHECKED

HURST-ROSCHKE, INC.  
 NO. 5 BANK SQUARE  
 EAST SAINT LOUIS, ILLINOIS 62203  
 PHONE: 618-398-0890  
 THR JOB# 190-0917

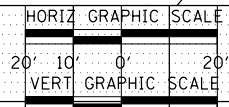
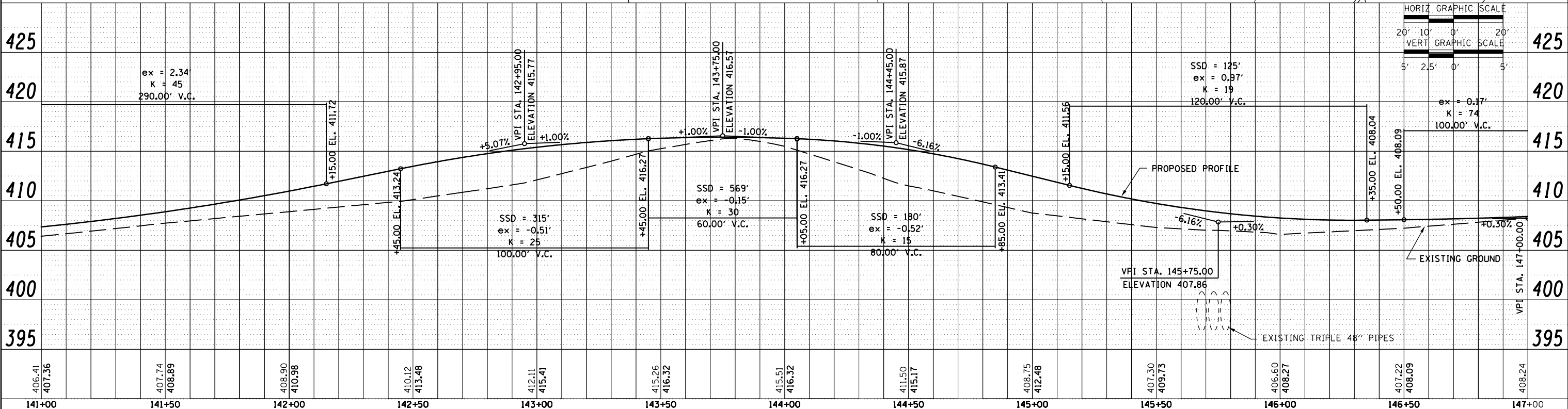


**LEGEND**

- BM #5 STA 144+05.75, 20.26' RT. MAG NAIL IN POWER POLE ELEVATION 414.81
- TREE REMOVAL AREA
- PAVEMENT REMOVAL

PROP. CURVE CARGIL-4  
 PI STA. = 144+22.75  
 $\Delta = 33^\circ 21' 00''$  (RT)  
 $D = 19^\circ 05' 55''$   
 $R = 300.00'$   
 $T = 89.86'$   
 $L = 174.62'$   
 $E = 13.17'$   
 $e = N.C.$   
 P.C. STA = 143+32.88  
 P.T. STA = 145+07.51

PROP. CURVE CARGIL-5  
 PI STA. = 147+01.02  
 $\Delta = 77^\circ 48' 14''$  (LT)  
 $D = 37^\circ 28' 04''$   
 $R = 152.92'$   
 $T = 123.40'$   
 $L = 207.66'$   
 $E = 43.58'$   
 $e = N.C.$   
 P.C. STA = 145+77.63  
 P.T. STA = 147+85.28



FILE NAME =	USER NAME = HURST-ROSCHKE	DESIGNED - JJC	REVISED -
X:\Projects\Current\190-0917_Cargill11.Rd\01pp08.dgn		DRAWN - UJ	REVISED -
PLOT SCALE = 40.0000' / in.		CHECKED - JWR	REVISED -
PLOT DATE = 2/19/2019		DATE - 01-22-19	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CARGILL ELEVATOR ROAD**

SCALE: 1"=20' SHEET NO. 8 OF 10 SHEETS STA. 141+00 TO STA. 147+00

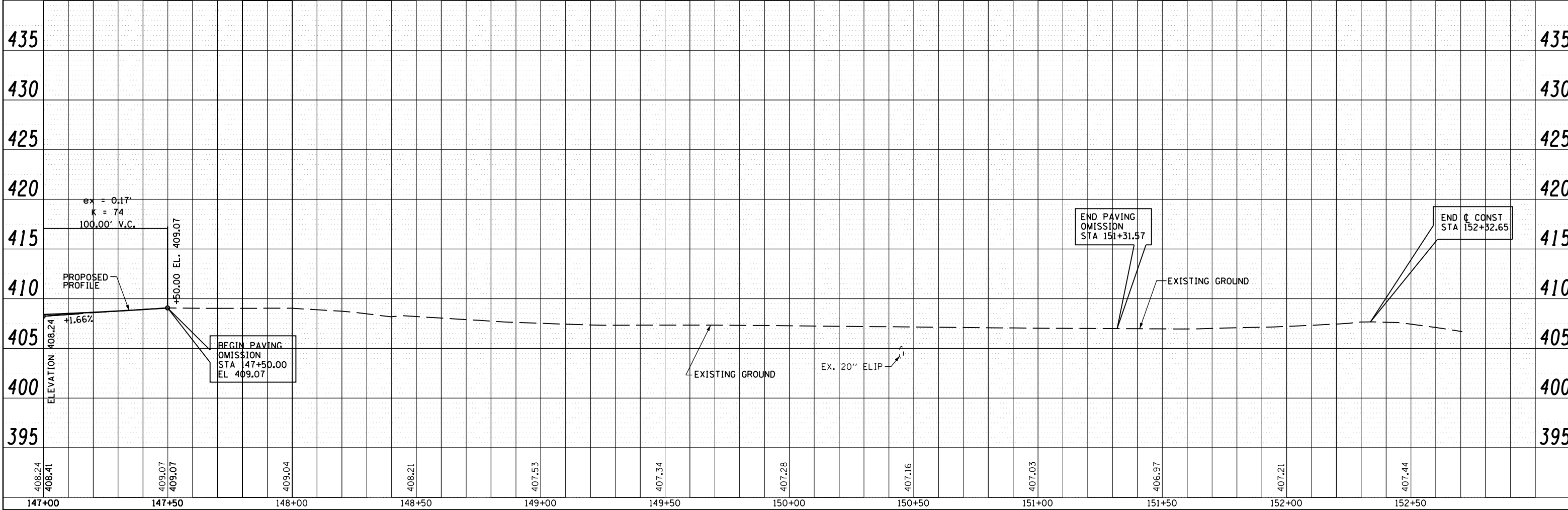
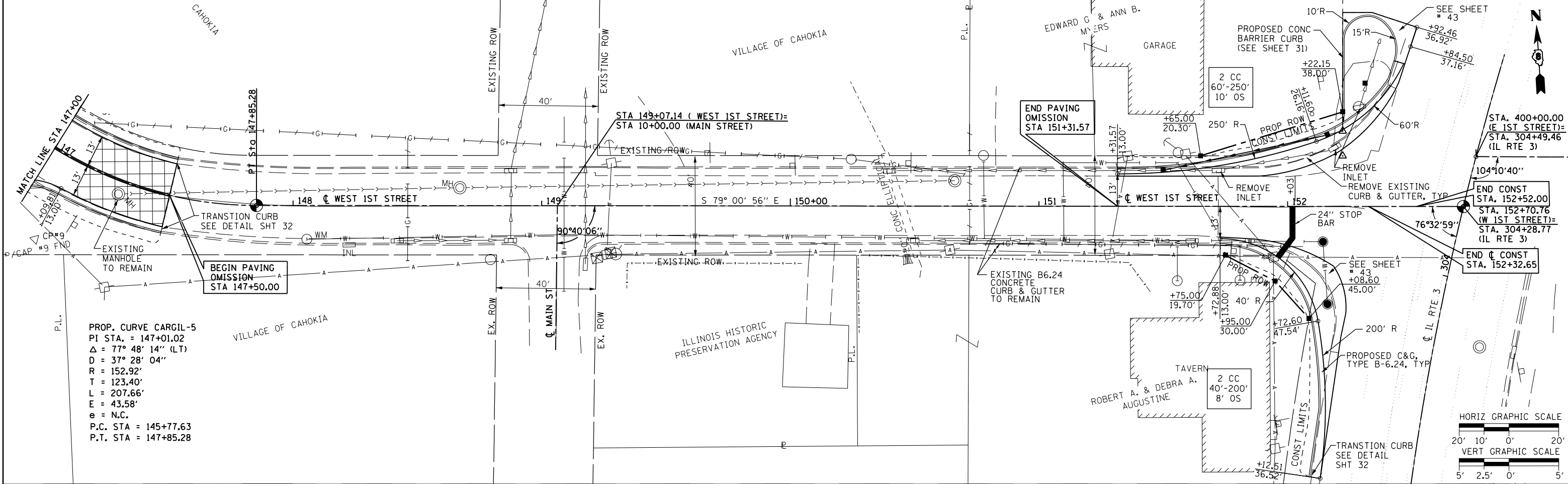
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH37	05-00043-00-PV	ST. CLAIR	96	21
CONTRACT NO. 97654			FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT	



DATE	
BY	
REVISIONS	
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PLAN	
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DATE	
BY	
REVISIONS	
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PROFILE	
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NO.	

HURST-ROSCHKE, INC.  
 NO. 5 BANK SQUARE  
 EAST SAINT LOUIS, ILLINOIS 62203  
 PHONE: 618-398-0890  
 HR JOB# 190-0917

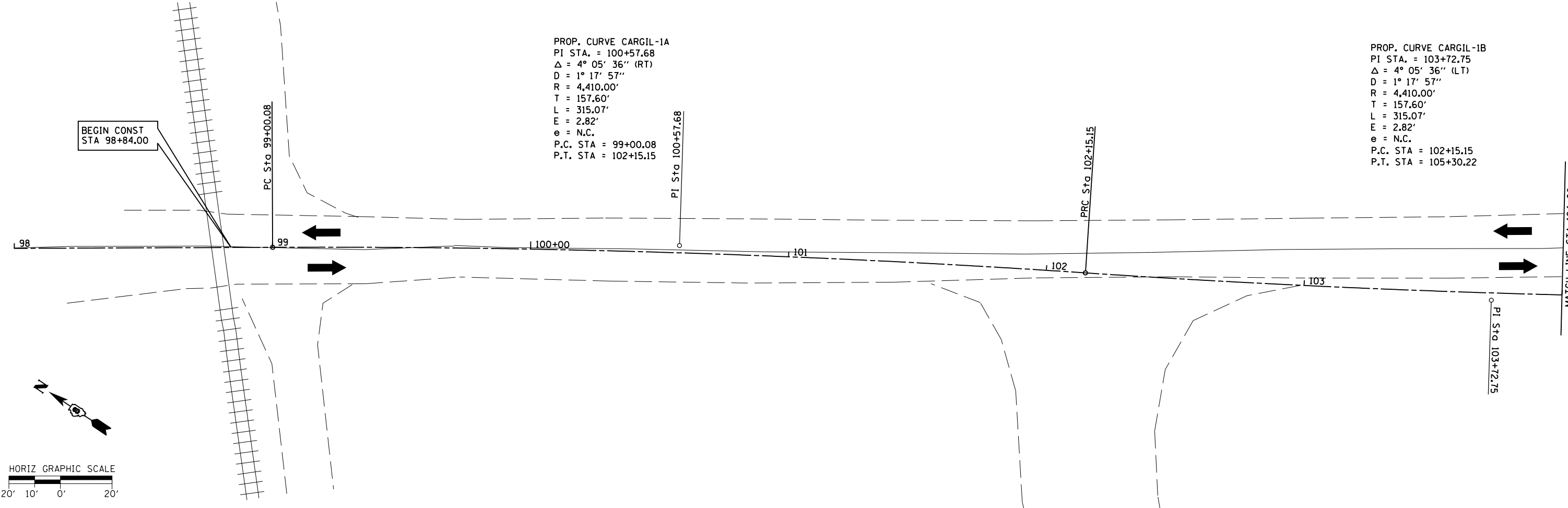


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PLOT SCALE = 38.8237' / 1"		DRAWN - UJ	REVISED -		SCALE: 1"=20'	SHEET NO. 9 OF 10 SHEETS	STA. 147+00 TO STA. 152+32.65	FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT					
PLOT DATE = 1/22/2019		CHECKED - JWR	REVISED -										
		DATE - 01-22-19	REVISED -										

DATE	
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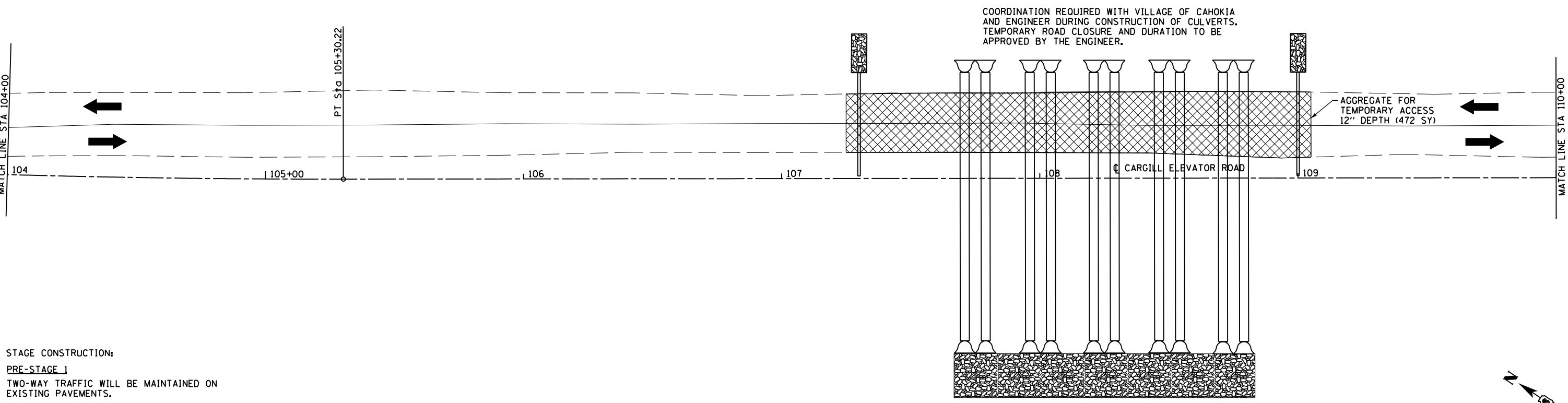
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BY	
REVISIONS	
PLANNED	
GRADES CHECKED	
BY	
NO. OF REV. CHECKED	
DATE	
NO.	

HURST-ROSCHKE, INC.  
 NO. 5 BANK SQUARE  
 EAST SAINT LOUIS, ILLINOIS 62203  
 PHONE: 618-398-0890  
 HR JOB# 190-0917



PROP. CURVE CARGIL-1A  
 PI STA. = 100+57.68  
 $\Delta = 4^\circ 05' 36''$  (RT)  
 $D = 1^\circ 17' 57''$   
 $R = 4,410.00'$   
 $T = 157.60'$   
 $L = 315.07'$   
 $E = 2.82'$   
 $e = N.C.$   
 P.C. STA = 99+00.08  
 P.T. STA = 102+15.15

PROP. CURVE CARGIL-1B  
 PI STA. = 103+72.75  
 $\Delta = 4^\circ 05' 36''$  (LT)  
 $D = 1^\circ 17' 57''$   
 $R = 4,410.00'$   
 $T = 157.60'$   
 $L = 315.07'$   
 $E = 2.82'$   
 $e = N.C.$   
 P.C. STA = 102+15.15  
 P.T. STA = 105+30.22



COORDINATION REQUIRED WITH VILLAGE OF CAHOKIA AND ENGINEER DURING CONSTRUCTION OF CULVERTS. TEMPORARY ROAD CLOSURE AND DURATION TO BE APPROVED BY THE ENGINEER.

STAGE CONSTRUCTION:  
 PRE-STAGE 1  
 TWO-WAY TRAFFIC WILL BE MAINTAINED ON EXISTING PAVEMENTS.  
 NOTE:  
 SEE PLAN SHEET FOR DETAILED PIPE CULVERT INFORMATION.

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

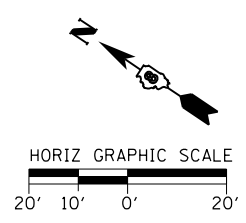
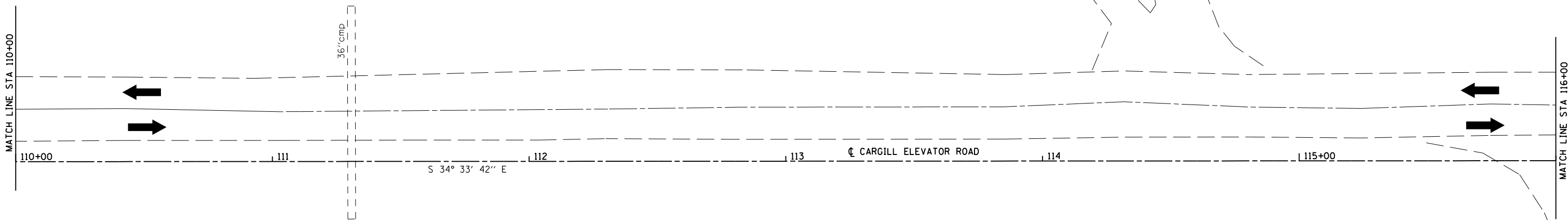
PRE-STAGE 1 CONSTRUCTION PLANS

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	PLOT DATE = 1/22/2019	DATE - 01-22-19	REVISED -

SCALE: 1"=20' SHEET NO. 1 OF 4 SHEETS STA. 99+00 TO STA. 110+00

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH37	05-00043-00-PV	ST CLAIR	96	23
				CONTRACT NO. 97654
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				

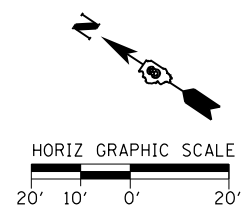
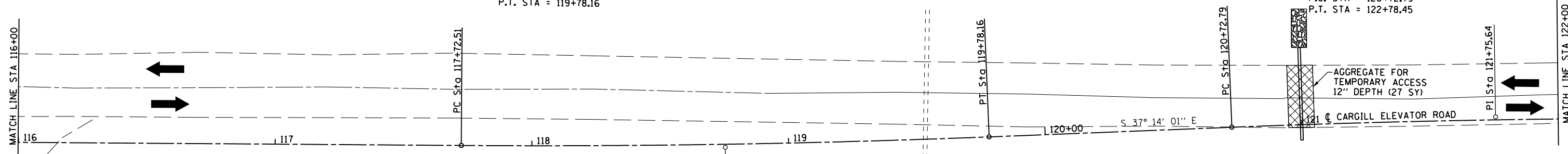
PLAN	NO.	DATE
REVISIONS	BY	DATE
DESIGNED		
CHECKED		
PLOTTED		
GRADES CHECKED		
STRUCTURE NOTATIONS CHKD		
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PROFILE	NO.	DATE
REVISIONS	BY	DATE
DESIGNED		
CHECKED		
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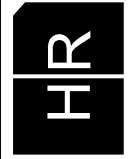
PROP. CURVE CARGIL-2  
 PI STA. = 118+75.35  
 $\Delta = 2^\circ 40' 19''$  (LT)  
 $D = 1^\circ 17' 57''$   
 $R = 4,410.00'$   
 $T = 102.84'$   
 $L = 205.65'$   
 $E = 1.20'$   
 $e = N.C.$   
 P.C. STA = 117+72.51  
 P.T. STA = 119+78.16

PROP. CURVE CARGIL-3  
 PI STA. = 121+75.64  
 $\Delta = 2^\circ 40' 19''$  (RT)  
 $D = 1^\circ 17' 57''$   
 $R = 4,410.00'$   
 $T = 102.84'$   
 $L = 205.65'$   
 $E = 1.20'$   
 $e = N.C.$   
 P.C. STA = 120+72.79  
 P.T. STA = 122+78.45



STAGE CONSTRUCTION:  
**PRE-STAGE 1**  
 TWO-WAY TRAFFIC WILL BE MAINTAINED ON EXISTING PAVEMENTS.  
**NOTE:**  
 SEE PLAN SHEET FOR DETAILED PIPE CULVERT INFORMATION.

HURST-ROSCHKE, INC.  
 NO. 5 BANK SQUARE  
 EAST SAINT LOUIS, ILLINOIS 62203  
 PHONE: 618-398-0890  
 HR JOB# 190-0917



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PLOT DATE = 1/22/2019	DATE - 01-22-19		REVISED -

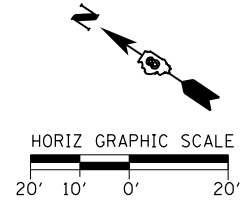
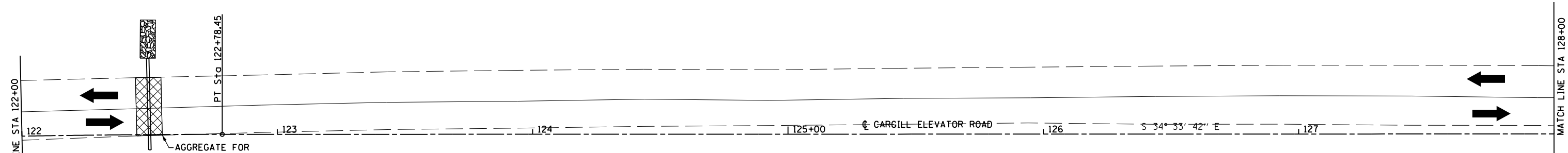
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PRE-STAGE 1 CONSTRUCTION PLANS**

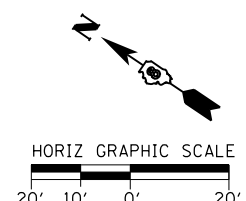
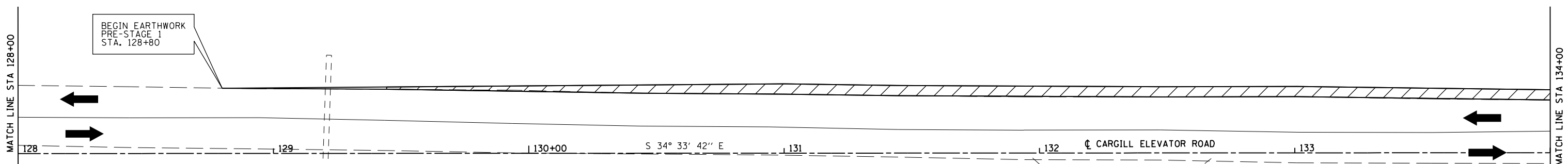
SCALE: 1"=20'    SHEET NO. 2 OF 4 SHEETS    STA. 110+00 TO STA. 122+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH37	05-00043-00-PV	ST CLAIR	96	24
CONTRACT NO. 97654				
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				

DATE	
BY	
REVISIONS	
PLANNED	
ALIGNED	
CHECKED	
BY	
DATE	
NO.	



DATE	
BY	
REVISIONS	
PROFILE	
PLANNED	
GRADES	
CHECKED	
BY	
DATE	
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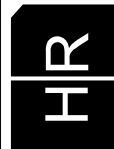


STAGE CONSTRUCTION:  
**PRE-STAGE 1**  
 TWO-WAY TRAFFIC WILL BE MAINTAINED ON  
 EXISTING PAVEMENTS.

AGGREGATE FOR TEMPORARY ACCESS (12" DEPTH)

**NOTE:**  
 SEE PLAN SHEET FOR DETAILED  
 PIPE CULVERT INFORMATION.

HURST-ROSCHE, INC.  
 NO. 5 BANK SQUARE  
 EAST SAINT LOUIS, ILLINOIS 62203  
 PHONE: 618-398-0890  
 HR JOB# 190-0917



FILE NAME = X:\Projects\Current\190-0917_Cargill.Rd\DWG\Pre-stage1.03.dgn	USER NAME = ujellison	DESIGNED - JJC	REVISED -
		DRAWN - UJ	REVISED -
		CHECKED - JWR	REVISED -
		DATE - 01-22-19	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PRE-STAGE 1 CONSTRUCTION PLANS**

SCALE: 1"=20'    SHEET NO. 3 OF 4 SHEETS    STA. 122+00 TO STA. 134+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH37	05-00043-00-PV	ST CLAIR	96	25
CONTRACT NO. 97654				
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				





DATE	
BY	
REVISIONS	
PLANNED	
ALIGNED	
CHECKED	
DATE	
NO.	

DATE	
BY	
REVISIONS	
PROFILES	
PLANNED	
CHECKED	
DATE	
NO.	

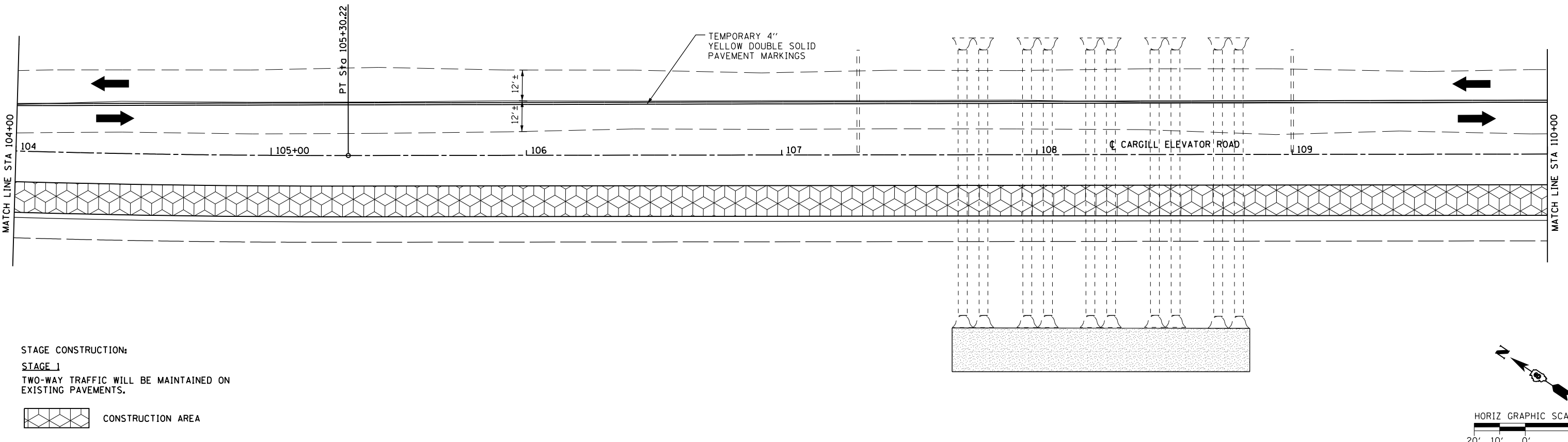
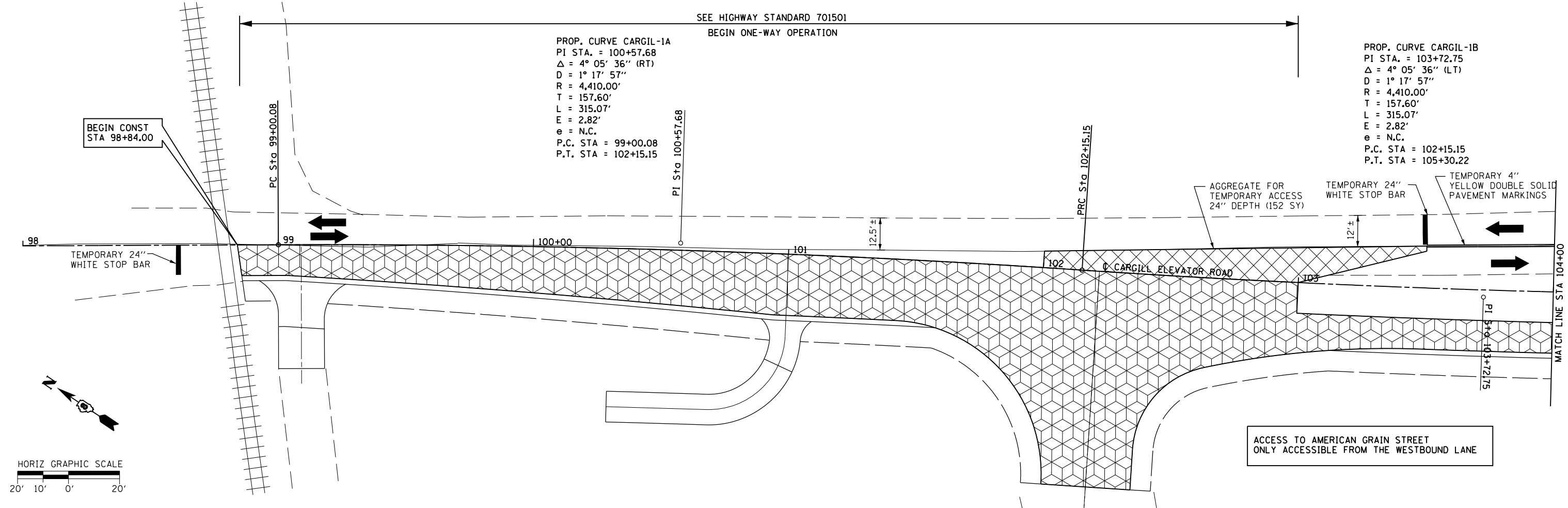
HURST-ROSCHIE, INC.  
 NO. 5 BANK SQUARE  
 EAST SAINT LOUIS, ILLINOIS 62203  
 PHONE: 618-398-0890  
 HR JOB# 190-0917



SEE HIGHWAY STANDARD 701501  
 BEGIN ONE-WAY OPERATION

PROP. CURVE CARGIL-1A  
 PI STA. = 100+57.68  
 $\Delta = 4^\circ 05' 36''$  (RT)  
 $D = 1^\circ 17' 57''$   
 $R = 4,410.00'$   
 $T = 157.60'$   
 $L = 315.07'$   
 $E = 2.82'$   
 $e = N.C.$   
 P.C. STA = 99+00.08  
 P.T. STA = 102+15.15

PROP. CURVE CARGIL-1B  
 PI STA. = 103+72.75  
 $\Delta = 4^\circ 05' 36''$  (LT)  
 $D = 1^\circ 17' 57''$   
 $R = 4,410.00'$   
 $T = 157.60'$   
 $L = 315.07'$   
 $E = 2.82'$   
 $e = N.C.$   
 P.C. STA = 102+15.15  
 P.T. STA = 105+30.22



STAGE CONSTRUCTION:  
 STAGE 1  
 TWO-WAY TRAFFIC WILL BE MAINTAINED ON  
 EXISTING PAVEMENTS.

CONSTRUCTION AREA

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 DESIGNED - JJC  
 DRAWN - UJ  
 CHECKED - JWR  
 DATE - 01-22-19

REVISED -  
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 REVISED -

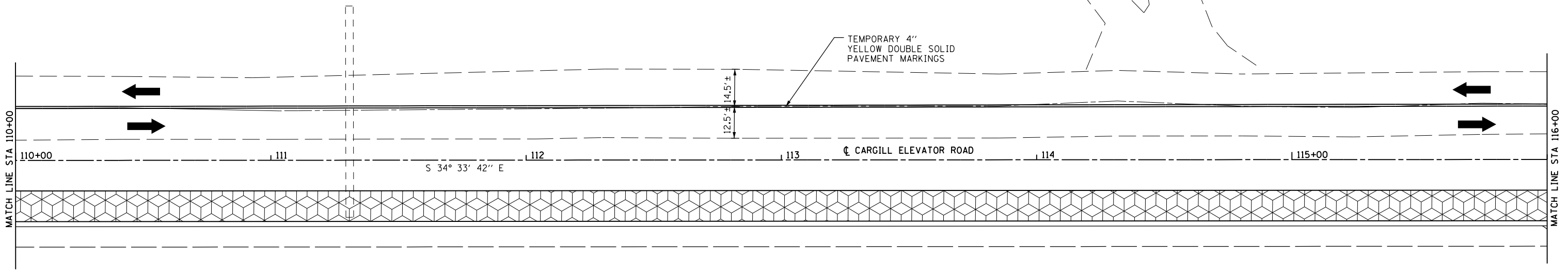
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

STAGE 1 CONSTRUCTION PLANS

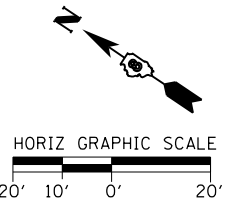
SCALE: 1"=20' SHEET NO. 1 OF 4 SHEETS STA. 99+00 TO STA. 110+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH37	05-00043-00-PV	ST CLAIR	96	27
CONTRACT NO. 97654				
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				

DATE	
BY	
REVISIONS	
PLANNED	
ALIGNED	
CHECKED	
DATE	
NO.	
PLAN	
NOTE BOOK	
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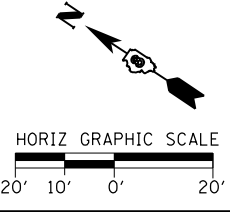
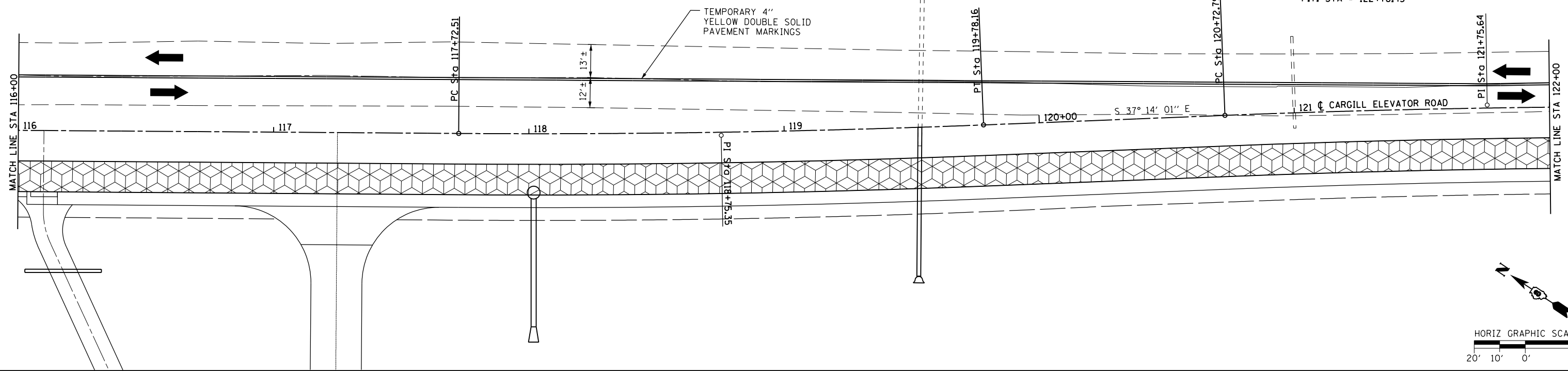
STAGE CONSTRUCTION:  
**STAGE 1**  
 TWO-WAY TRAFFIC WILL BE MAINTAINED ON EXISTING PAVEMENTS.



**NOTE:**  
 SEE PLAN SHEET FOR DETAILED PIPE CULVERT INFORMATIONS.

PROP. CURVE CARGIL-2  
 PI STA. = 118+75.35  
 $\Delta = 2^\circ 40' 19''$  (LT)  
 $D = 1^\circ 17' 57''$   
 $R = 4,410.00'$   
 $T = 102.84'$   
 $L = 205.65'$   
 $E = 1.20'$   
 $e = N.C.$   
 P.C. STA = 117+72.51  
 P.T. STA = 119+78.16

PROP. CURVE CARGIL-3  
 PI STA. = 121+75.64  
 $\Delta = 2^\circ 40' 19''$  (RT)  
 $D = 1^\circ 17' 57''$   
 $R = 4,410.00'$   
 $T = 102.84'$   
 $L = 205.65'$   
 $E = 1.20'$   
 $e = N.C.$   
 P.C. STA = 120+72.79  
 P.T. STA = 122+78.45



HURST-ROSCHKE, INC.  
 NO. 5 BANK SQUARE  
 EAST SAINT LOUIS, ILLINOIS 62203  
 PHONE: 618-398-0890  
 HR JOB# 190-0917

DATE	
BY	
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GRADES CHECKED	
DATE	
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PROFILE	
NOTE BOOK	
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**STAGE 1 CONSTRUCTION PLANS**

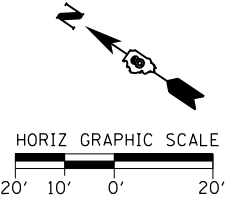
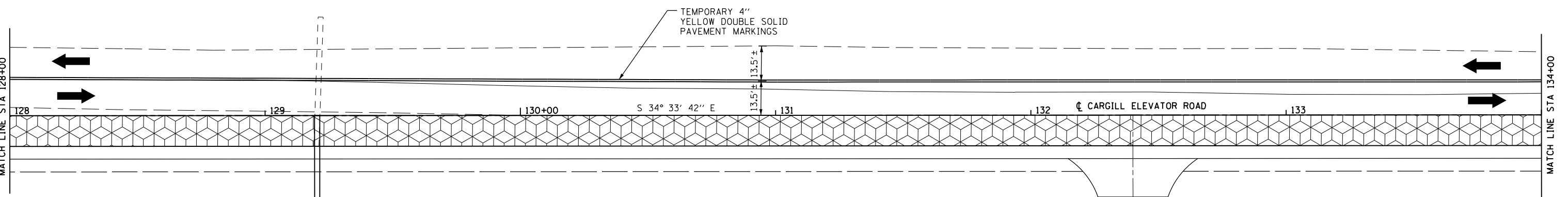
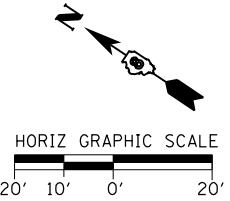
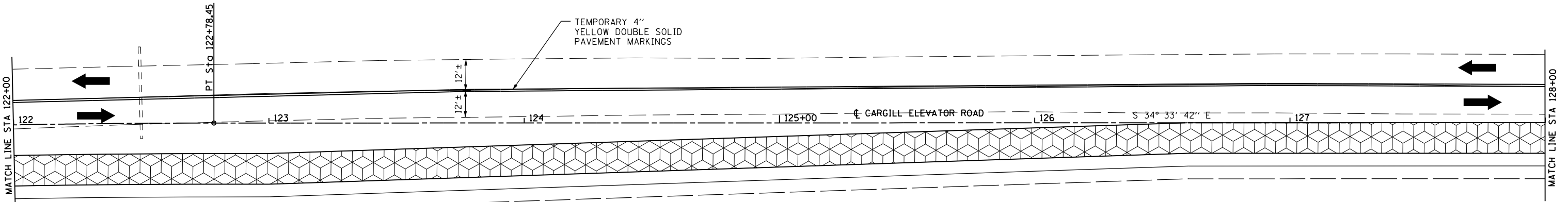
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH37	05-00043-00-PV	ST CLAIR	96	28
CONTRACT NO. 97654				
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				

DATE	
BY	
REVISIONS	
PLANNED	
ALIGNED	
CHECKED	
DATE	
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DATE	
BY	
REVISIONS	
PROFILE	
PLANNED	
GRADES	
CHECKED	
DATE	
NO.	

HURST-ROSCHE, INC.  
 NO. 5 BANK SQUARE  
 EAST SAINT LOUIS, ILLINOIS 62203  
 PHONE: 618-398-0890  
 HR JOB# 190-0917



**STAGE CONSTRUCTION:**  
**STAGE 1**  
 TWO-WAY TRAFFIC WILL BE MAINTAINED ON EXISTING PAVEMENTS.



**NOTE:**  
 SEE PLAN SHEET FOR DETAILED PIPE CULVERT INFORMATION.

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		CHECKED - JWR	REVISED -
		DATE - 01-22-19	REVISED -

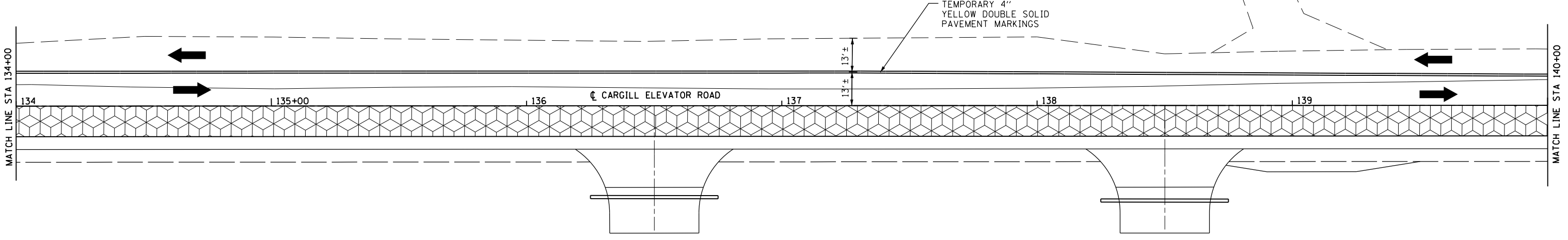
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**STAGE 1 CONSTRUCTION PLANS**


SCALE: 1"=20'      SHEET NO. 3 OF 4 SHEETS      STA. 122+00 TO STA. 134+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 97654				
FED. ROAD DIST. NO. 8   ILLINOIS   FED. AID PROJECT				

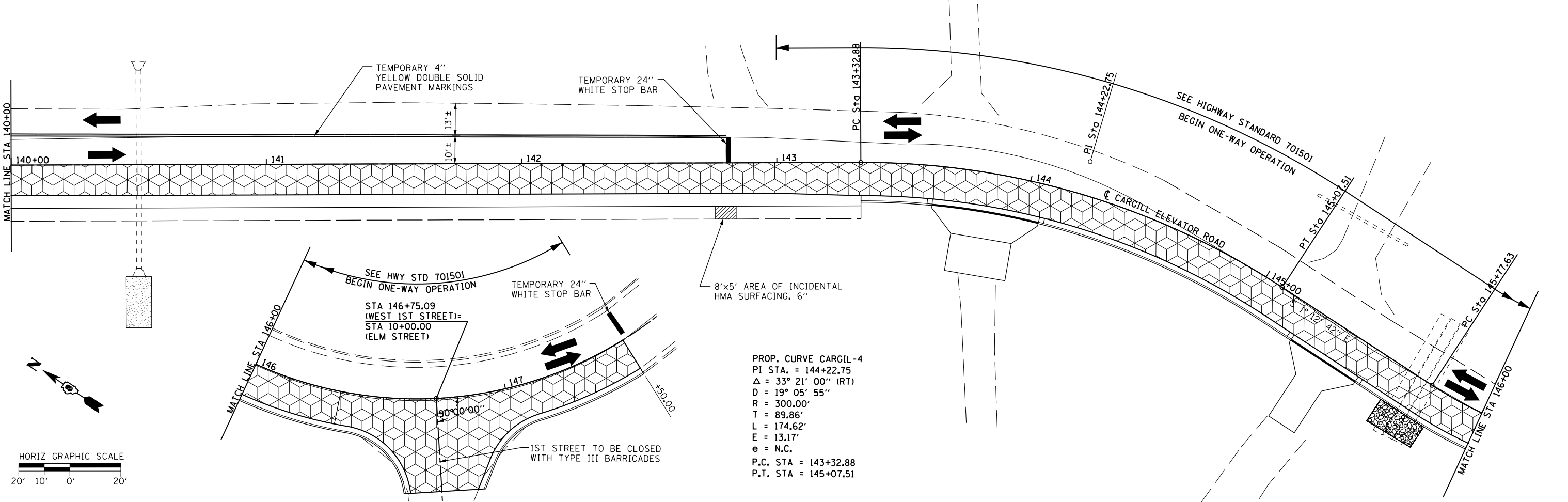
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BY	
REVISIONS	
PLANNED	
ALIGNED	
CHECKED	
DATE	
NO.	
PLAN	
NOTE BOOK	
NO.	



STAGE CONSTRUCTION:  
**STAGE 1**  
 TWO-WAY TRAFFIC WILL BE MAINTAINED ON EXISTING PAVEMENTS.

 CONSTRUCTION AREA

DATE	
BY	
REVISIONS	
PLANNED	
ALIGNED	
CHECKED	
DATE	
NO.	
PROFILE	
NOTE BOOK	
NO.	



HURST-ROSCHIE, INC.  
 NO. 5 BANK SQUARE  
 EAST SAINT LOUIS, ILLINOIS 62203  
 PHONE: 618-398-0890  
 HR JOB# 190-0917

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REVISOR -	
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CHECKED -	JWR
DATE -	01-22-19
REVISIONS -	
NO.	
DATE	
NO.	

DESIGNED -	JJC
REVISOR -	
DRAWN -	UJ
CHECKED -	JWR
DATE -	01-22-19
REVISIONS -	
NO.	
DATE	
NO.	

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**STAGE 1 CONSTRUCTION PLANS**

SCALE: 1"=20'    SHEET NO. 4 OF 4 SHEETS    STA. 134+00 TO STA. 147+50

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH37	05-00043-00-PV	ST CLAIR	96	30
CONTRACT NO. 97654				
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				

DATE	
BY	
REVISIONS	
PLANNED	
ALIGNED	
CHECKED	
DATE	
NO.	

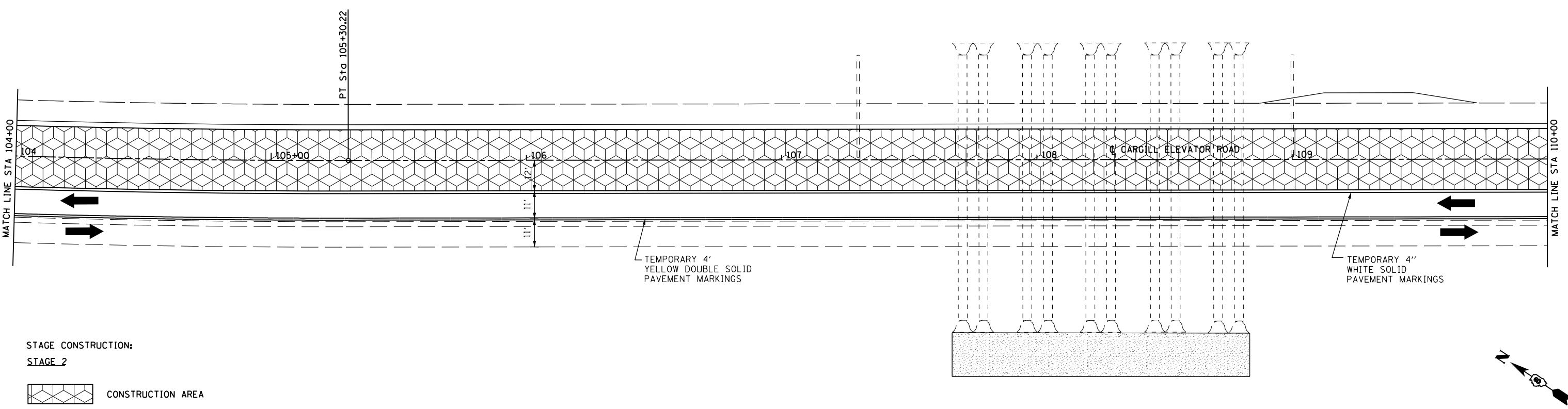
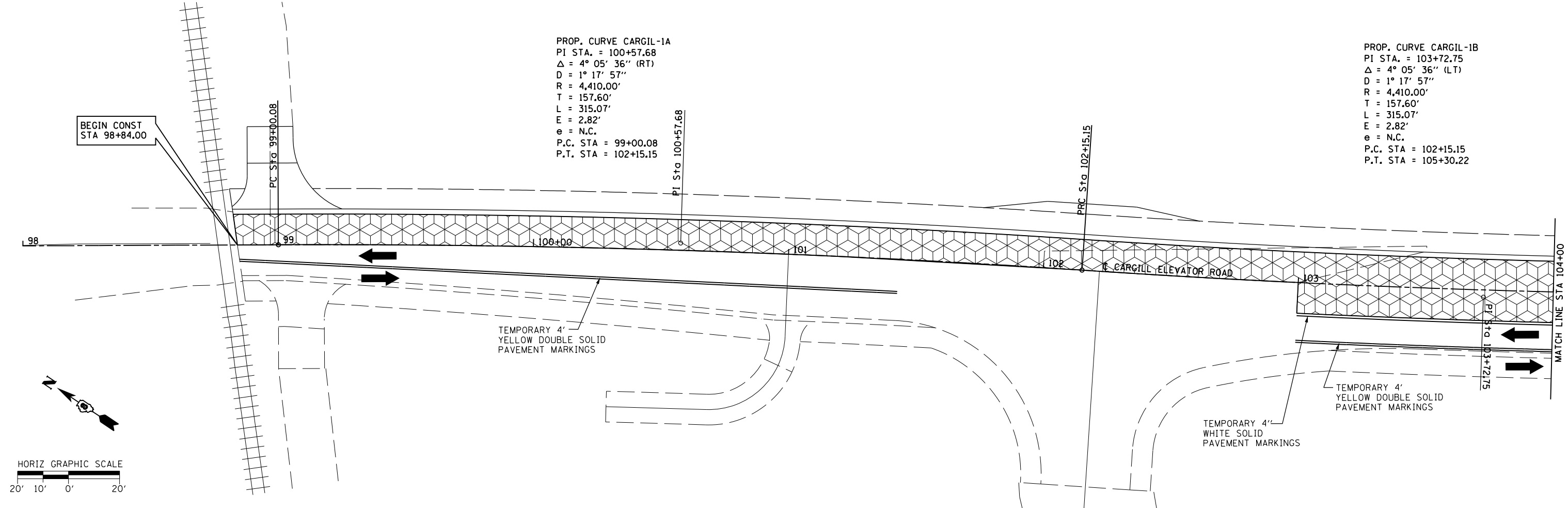
DATE	
BY	
REVISIONS	
PLANNED	
GRADES	
CHECKED	
DATE	
NO.	

HURST-ROSCHKE, INC.  
 NO. 5 BANK SQUARE  
 EAST SAINT LOUIS, ILLINOIS 62203  
 PHONE: 618-398-0890  
 HR JOB# 190-0917



PROP. CURVE CARGIL-1A  
 PI STA. = 100+57.68  
 $\Delta = 4^\circ 05' 36''$  (RT)  
 $D = 1^\circ 17' 57''$   
 $R = 4,410.00'$   
 $T = 157.60'$   
 $L = 315.07'$   
 $E = 2.82'$   
 $e = N.C.$   
 P.C. STA = 99+00.08  
 P.T. STA = 102+15.15

PROP. CURVE CARGIL-1B  
 PI STA. = 103+72.75  
 $\Delta = 4^\circ 05' 36''$  (LT)  
 $D = 1^\circ 17' 57''$   
 $R = 4,410.00'$   
 $T = 157.60'$   
 $L = 315.07'$   
 $E = 2.82'$   
 $e = N.C.$   
 P.C. STA = 102+15.15  
 P.T. STA = 105+30.22



STAGE CONSTRUCTION:  
 STAGE 2  
 CONSTRUCTION AREA

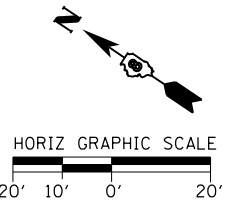
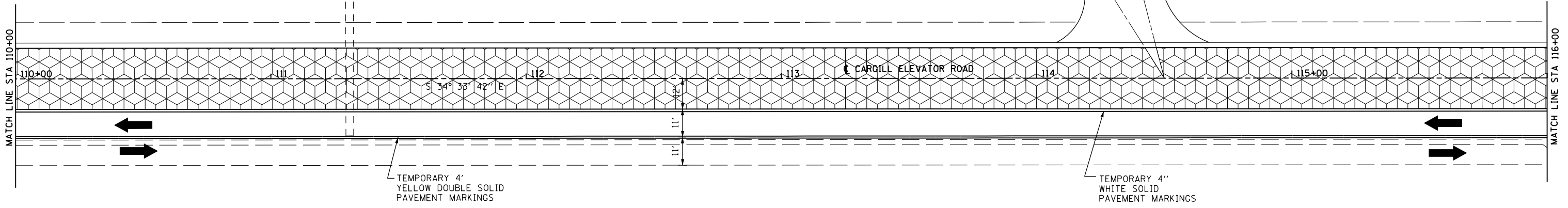
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PLOT SCALE = 38.8237' / in.		CHECKED - JWR	REVISED -
PLOT DATE = 1/22/2019		DATE - 01-22-19	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

STAGE 2 CONSTRUCTION PLAN  
 SCALE: 1"=20' SHEET NO. 1 OF 4 SHEETS STA. 99+00 TO STA. 110+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH37	05-00043-00-PV	ST CLAIR	96	31
CONTRACT NO. 97654				
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				

DATE	
BY	
REVISIONS	
PLANNED	
ALIGNED	
CHECKED	
DATE	
NO.	
PLAN	
NOTE BOOK	
NO.	
ADD FILE NAME	



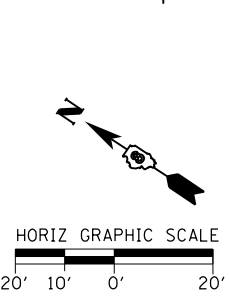
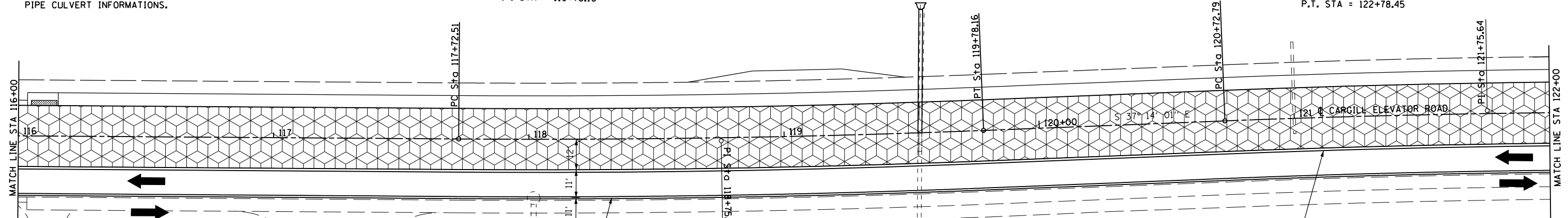
STAGE CONSTRUCTION:  
STAGE 2



**NOTE:**  
SEE PLAN SHEET FOR DETAILED  
PIPE CULVERT INFORMATION.

PROP. CURVE CARGIL-2  
PI STA. = 118+75.35  
 $\Delta = 2^\circ 40' 19''$  (LT)  
D =  $1^\circ 17' 57''$   
R = 4,410.00'  
T = 102.84'  
L = 205.65'  
E = 1.20'  
e = N.C.  
P.C. STA = 117+72.51  
P.T. STA = 119+78.16

PROP. CURVE CARGIL-3  
PI STA. = 121+75.64  
 $\Delta = 2^\circ 40' 19''$  (RT)  
D =  $1^\circ 17' 57''$   
R = 4,410.00'  
T = 102.84'  
L = 205.65'  
E = 1.20'  
e = N.C.  
P.C. STA = 120+72.79  
P.T. STA = 122+78.45



HURST-ROSCHKE, INC.  
NO. 5 BANK SQUARE  
EAST SAINT LOUIS, ILLINOIS 62203  
PHONE: 618-398-0890  
HR JOB# 190-0917



FILE NAME =	X:\Projects\Current\190-0917_Cargill.Rd\DO	USER NAME =	ujellison	DESIGNED -	JJC	REVISED -	
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

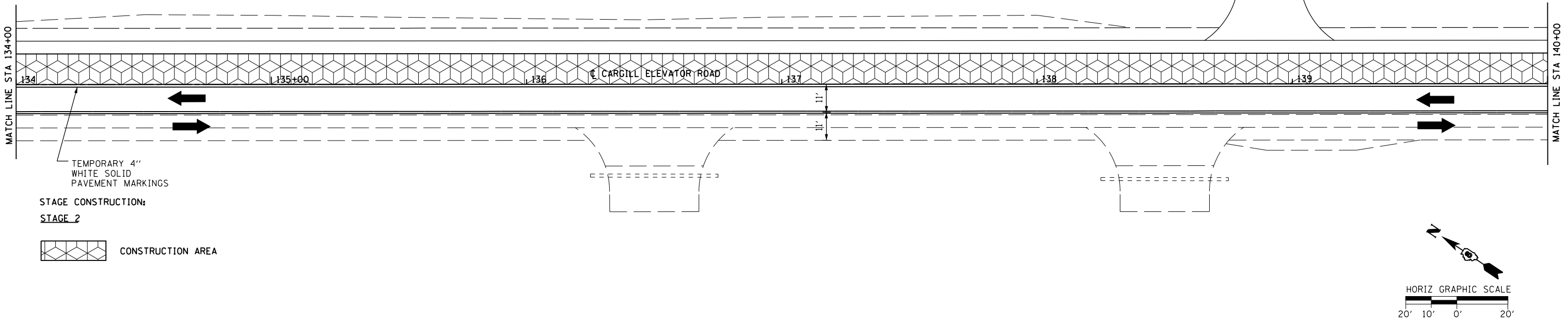
**STAGE 2 CONSTRUCTION PLANS**  
SCALE: 1"=20' SHEET NO. 2 OF 4 SHEETS STA. 110+00 TO STA. 122+00

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH37	05-00043-00-PV	ST CLAIR	96	32
CONTRACT NO. 97654				
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				

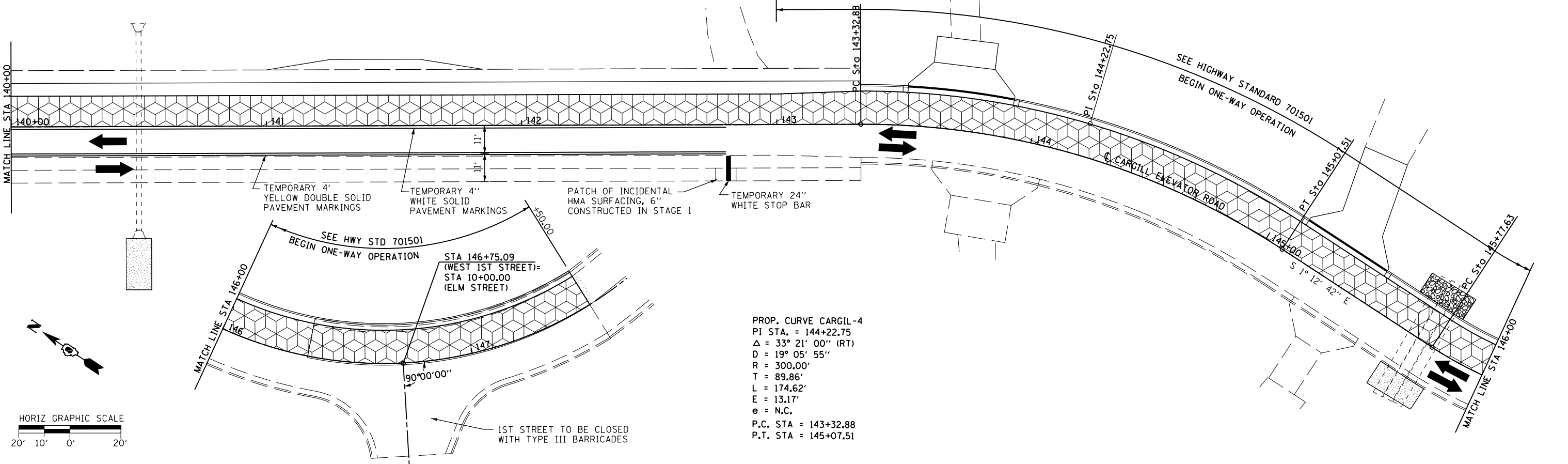




DATE	
BY	
REVISIONS	
PLANNED	
ALIGNED	
CHECKED	
BY	
DATE	
NO.	



DATE	
BY	
REVISIONS	
PLANNED	
ALIGNED	
CHECKED	
BY	
DATE	
NO.	



HURST-ROSCHKE, INC.  
 NO. 5 BANK SQUARE  
 EAST SAINT LOUIS, ILLINOIS 62203  
 PHONE: 618-398-0890  
 HR JOB# 190-0917

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

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

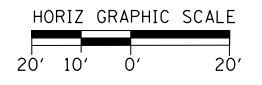
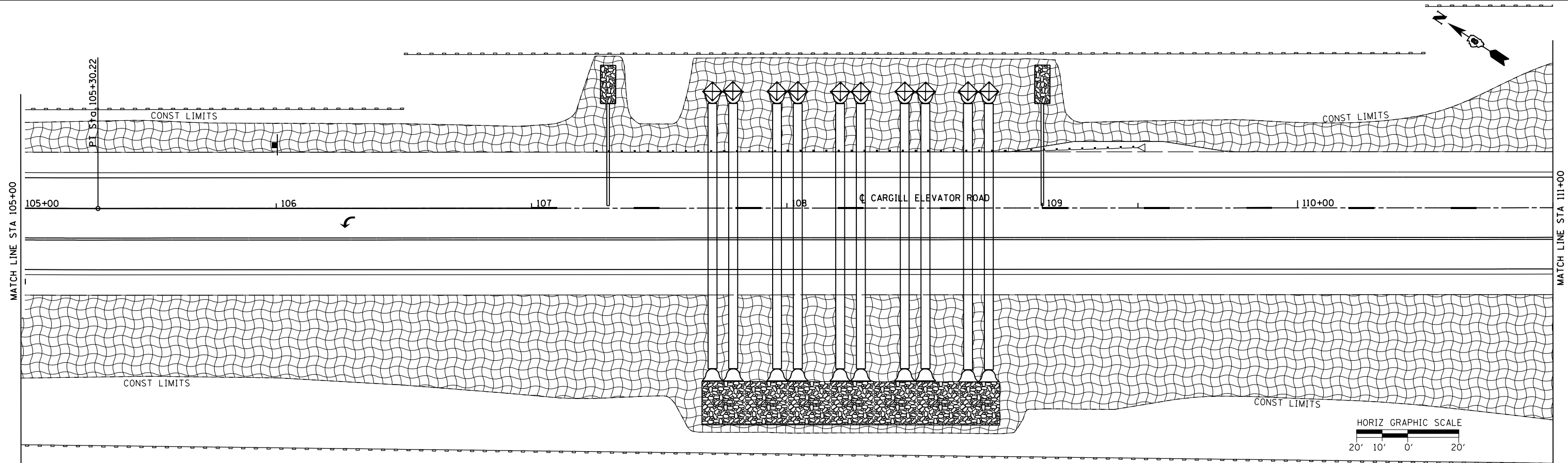
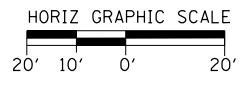
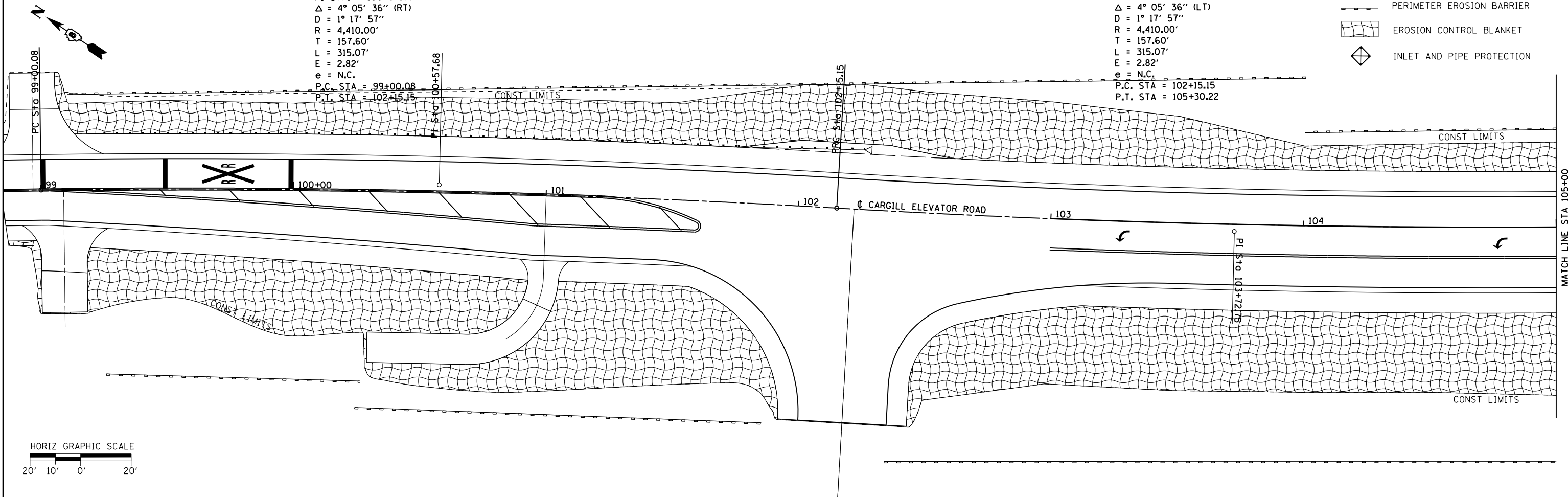
**STAGE 2 CONSTRUCTION PLANS**  
 SCALE: 1"=20' SHEET NO. 4 OF 4 SHEETS STA. 134+00 TO STA. 147+50

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH37	05-00043-00-PV	ST CLAIR	96	34
CONTRACT NO. 97654				
FED. ROAD DIST. NO. 8   ILLINOIS FED. AID PROJECT				

PROP. CURVE CARGIL-1A  
 PI STA. = 100+57.68  
 $\Delta = 4^{\circ} 05' 36''$  (RT)  
 D = 1' 17' 57"  
 R = 4,410.00'  
 T = 157.60'  
 L = 315.07'  
 E = 2.82'  
 e = N.C.  
 P.C. STA = 99+00.08  
 P.T. STA = 102+15.15

PROP. CURVE CARGIL-1B  
 PI STA. = 103+72.75  
 $\Delta = 4^{\circ} 05' 36''$  (LT)  
 D = 1' 17' 57"  
 R = 4,410.00'  
 T = 157.60'  
 L = 315.07'  
 E = 2.82'  
 e = N.C.  
 P.C. STA = 102+15.15  
 P.T. STA = 105+30.22

- LEGEND**
-  PERIMETER EROSION BARRIER
  -  EROSION CONTROL BLANKET
  -  INLET AND PIPE PROTECTION



DATE	
BY	
REVISIONS	
PLANNED	
ALIGNED	
CHECKED	
NO. OF REV. CHECKED	
DATE	
PLAN	
NOTE BOOK	
NO.	

DATE	
BY	
REVISIONS	
PLANNED	
GRADES CHECKED	
NO. OF REV. CHECKED	
DATE	
PROFILE	
NOTE BOOK	
NO.	

HURST-ROSCHKE, INC.  
 NO. 5 BANK SQUARE  
 EAST SAINT LOUIS, ILLINOIS 62203  
 PHONE: 618-398-0890  
 HR JOB# 190-0917



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

**EROSION CONTROL PLANS**

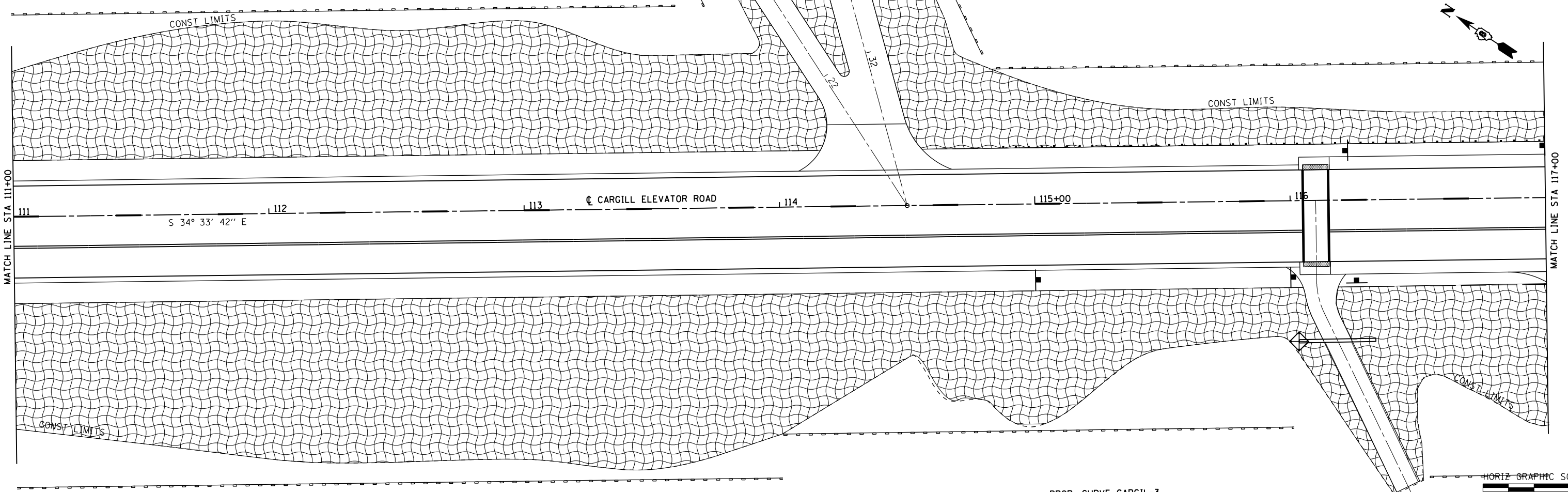
SCALE: 1"=20'    SHEET NO. 1 OF 4 SHEETS    STA. 99+00 TO STA. 111+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH37	05-00043-00-PV	ST CLAIR	96	35
CONTRACT NO. 97654				
FED. ROAD DIST. NO. 8   ILLINOIS FED. AID PROJECT				

PLAN	NO.	DATE
REVISIONS	BY	DATE
DESIGNED		
DRAWN		
CHECKED		
DATE		

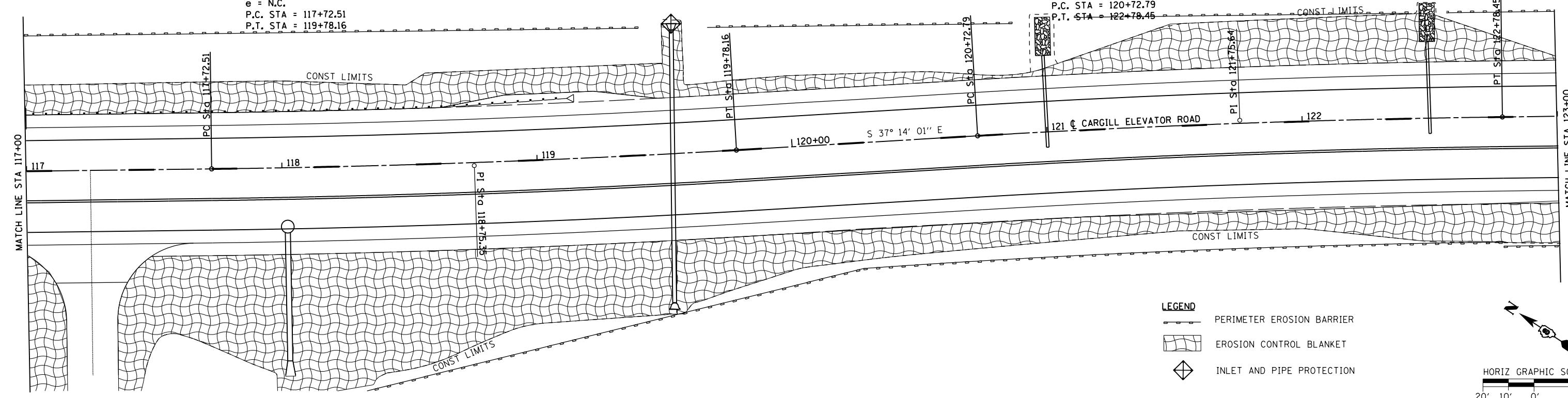
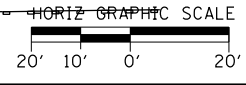
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REVISIONS	BY	DATE
DESIGNED		
DRAWN		
CHECKED		
DATE		

HURST-ROSCHKE, INC.  
 NO. 5 BANK SQUARE  
 EAST SAINT LOUIS, ILLINOIS 62203  
 PHONE: 618-398-0890  
 HR JOB# 190-0917

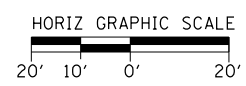


PROP. CURVE CARGIL-2  
 PI STA. = 118+75.35  
 $\Delta = 2^\circ 40' 19''$  (LT)  
 D = 1° 17' 57"  
 R = 4,410.00'  
 T = 102.84'  
 L = 205.65'  
 E = 1.20'  
 e = N.C.  
 P.C. STA = 117+72.51  
 P.T. STA = 119+78.16

PROP. CURVE CARGIL-3  
 PI STA. = 121+75.64  
 $\Delta = 2^\circ 40' 19''$  (RT)  
 D = 1° 17' 57"  
 R = 4,410.00'  
 T = 102.84'  
 L = 205.65'  
 E = 1.20'  
 e = N.C.  
 P.C. STA = 120+72.79  
 P.T. STA = 122+78.45



- LEGEND**
- PERIMETER EROSION BARRIER
  - EROSION CONTROL BLANKET
  - INLET AND PIPE PROTECTION



FILE NAME =	USER NAME = ujejlison	DESIGNED - JJC	REVISED -
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	PLOT DATE = 1/22/2019	DATE - 01-22-19	REVISED -

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

**EROSION CONTROL PLANS**  
 SCALE: 1"=20' SHEET NO. 2 OF 4 SHEETS STA. 111+00 TO STA. 123+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH37	05-00043-00-PV	ST CLAIR	96	36
				CONTRACT NO. 97654
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				







**NOTES:**

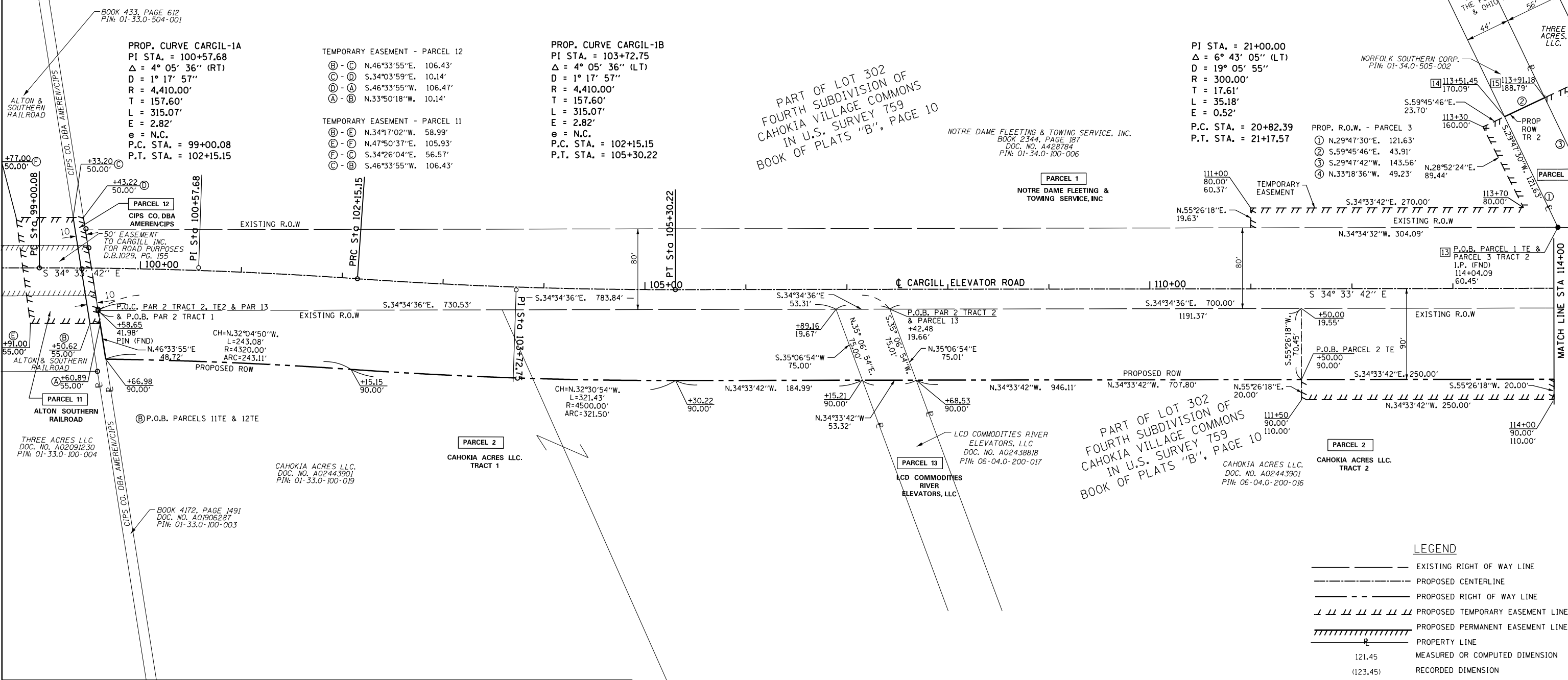
COORDINATES AND BEARINGS SHOWN HEREON ARE BASED ON SURVEY CONTROL DATA AS PREPARED BY HURST-ROSCHKE, INC. THE COORDINATES AND BEARINGS SHOWN HEREON ARE BASED ON ILLINOIS STATE PLANE, WEST ZONE, NAD83 AND NAVD88.

CLOSURE FOR ALL PARCELS EXCEEDS 1:10,000.

COORDINATE TABLE - NORFOLK SOUTHERN CORP. - PARCEL 3 TRACT 2						
NO.	STATION	OFFSET	NORTH	EAST	DESCRIPTION	
13	114+04.09	60.45' LT	696,250.6600	2,287,681.2900	PROPOSED ROW	
14	113+51.45	170.09' LT	696,356.2132	2,287,741.7206	PROPOSED ROW	
15	113+91.18	188.79' LT	696,334.0988	2,287,779.6602	PROPOSED ROW	
16	114+53.31	59.37' LT	696,209.5172	2,287,708.3259	PROPOSED ROW	

PART OF LOT 302  
FOURTH SUBDIVISION OF  
CAHOKIA VILLAGE COMMONS  
IN U.S. SURVEY 759  
BOOK OF PLATS "B", PAGE 10

PART OF LOT 302  
FOURTH SUBDIVISION OF  
CAHOKIA VILLAGE COMMONS  
IN U.S. SURVEY 759  
BOOK OF PLATS "B", PAGE 10



**PROP. CURVE CARGIL-1A**  
PI STA. = 100+57.68  
Δ = 4° 05' 36" (RT)  
D = 1° 17' 57"  
R = 4,410.00'  
T = 157.60'  
L = 315.07'  
E = 2.82'  
e = N.C.  
P.C. STA. = 99+00.08  
P.T. STA. = 102+15.15

**TEMPORARY EASEMENT - PARCEL 12**  
B-C N.46°33'55"E. 106.43'  
C-D S.34°03'59"E. 10.14'  
D-A S.46°33'55"W. 106.47'  
A-B N.33°50'18"W. 10.14'

**TEMPORARY EASEMENT - PARCEL 11**  
B-E N.34°17'02"W. 58.99'  
E-F N.47°50'37"E. 105.93'  
F-C S.34°26'04"E. 56.57'  
C-B S.46°33'55"W. 106.43'

**PROP. CURVE CARGIL-1B**  
PI STA. = 103+72.75  
Δ = 4° 05' 36" (LT)  
D = 1° 17' 57"  
R = 4,410.00'  
T = 157.60'  
L = 315.07'  
E = 2.82'  
e = N.C.  
P.C. STA. = 102+15.15  
P.T. STA. = 105+30.22

PI STA. = 21+00.00  
Δ = 6° 43' 05" (LT)  
D = 19° 05' 55"  
R = 300.00'  
T = 17.61'  
L = 35.18'  
E = 0.52'  
P.C. STA. = 20+82.39  
P.T. STA. = 21+17.57

**PROP. R.O.W. - PARCEL 3**  
① N.29°47'30"E. 121.63'  
② S.59°45'46"E. 43.91'  
③ S.29°47'42"W. 143.56'  
④ N.33°18'36"W. 49.23'

PARCEL NO.	OWNER	TOTAL HOLDING	R.O.W. REQUIRED	EXISTING R.O.W.	NET R.O.W. REQUIRED	REMAINDER	TEMP EASEMENT	EASEMENT PURPOSE
1	NOTRE DAME FLEETING & TOWING SERVICE, INC.	N/A	N/A	N/A	N/A	N/A	8,038 SF 0.1845 AC	GRADING AND SPECIAL CONST.
2	CAHOKIA ACRES LLC. TRACT 1	N/A	46,305 SF 1,0630 AC	N/A	N/A	N/A	5,000 SF 0.1148 AC	GRADING
	CAHOKIA ACRES LLC. TRACT 2		49,582 SF 1,1382 AC					
3	NORFOLK SOUTHERN CORPORATION	N/A	N/A	N/A	N/A	N/A	N/A	
11	ALTON SOUTHERN RAILROAD	N/A	N/A	N/A	N/A	N/A	6,069 SF 0.1393 AC	GRADING
12	CIPS CO. DBA AMEREN/CIPS	N/A	N/A	N/A	N/A	N/A	1,065 SF 0.0244 AC	GRADING
13	LCD COMMODITIES RIVER ELEVATORS, LLC	1,255,137 SF 28,8138 AC	3,750 SF 0,0861 AC			1,251,387 SF 28,7277 AC		



I, JEFFREY B. MEYER, AN ILLINOIS PROFESSIONAL LAND SURVEYOR AND BEING AN EMPLOYEE OF HURST-ROSCHKE ENGINEERS, INC. DO HEREBY CERTIFY THAT THIS PLAT REPRESENTS A SURVEY MADE BY ME OR UNDER MY DIRECTION AND THAT THE INFORMATION SHOWN HEREON IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Jeffrey B. Meyer  
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-002977  
LICENSE EXPIRES: NOVEMBER 30, 2020

- LEGEND**
- EXISTING RIGHT OF WAY LINE
  - - - - - PROPOSED CENTERLINE
  - PROPOSED RIGHT OF WAY LINE
  - ||||| PROPOSED TEMPORARY EASEMENT LINE
  - ||||| PROPOSED PERMANENT EASEMENT LINE
  - PROPERTY LINE
  - 121.45 MEASURED OR COMPUTED DIMENSION
  - (123.45) RECORDED DIMENSION
  - FOUND IRON PIPE OR IRON ROD
  - SET 3/8 INCH IRON ROD
  - ⊕ PERMANENT SURVEY MONUMENT, CUT CROSS FOUND OR SET
  - SAME OWNERSHIP
  - ⊞ RIGHT OF WAY MARKER
  - △ FOUND STONE

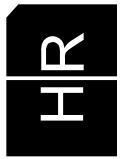


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PLOT SCALE = 97.8592' / in.		CHECKED - JBM	REVISED -
PLOT DATE = 1/22/2019		DATE - 01-22-19	REVISED -

**ILLINOIS DEPARTMENT OF TRANSPORTATION  
PLAT OF HIGHWAYS**

ROUTE CH37	SECTION 05-00043-00-PV	COUNTY ST CLAIR	JOB#
SEC	T IN , R10W OF 3rd P.M.	PROJECT#	
SCALE: 1:50	SHEET NO. 1 OF 4 SHEETS	STA 99+00 TO STA 114+00	CONTRACT NO. 97654

HURST-ROSCHKE, INC.  
NO. 5 BANK SQUARE  
EAST SAINT LOUIS, ILLINOIS 62203  
PHONE: 618-398-0890  
FAX: 618-398-0917

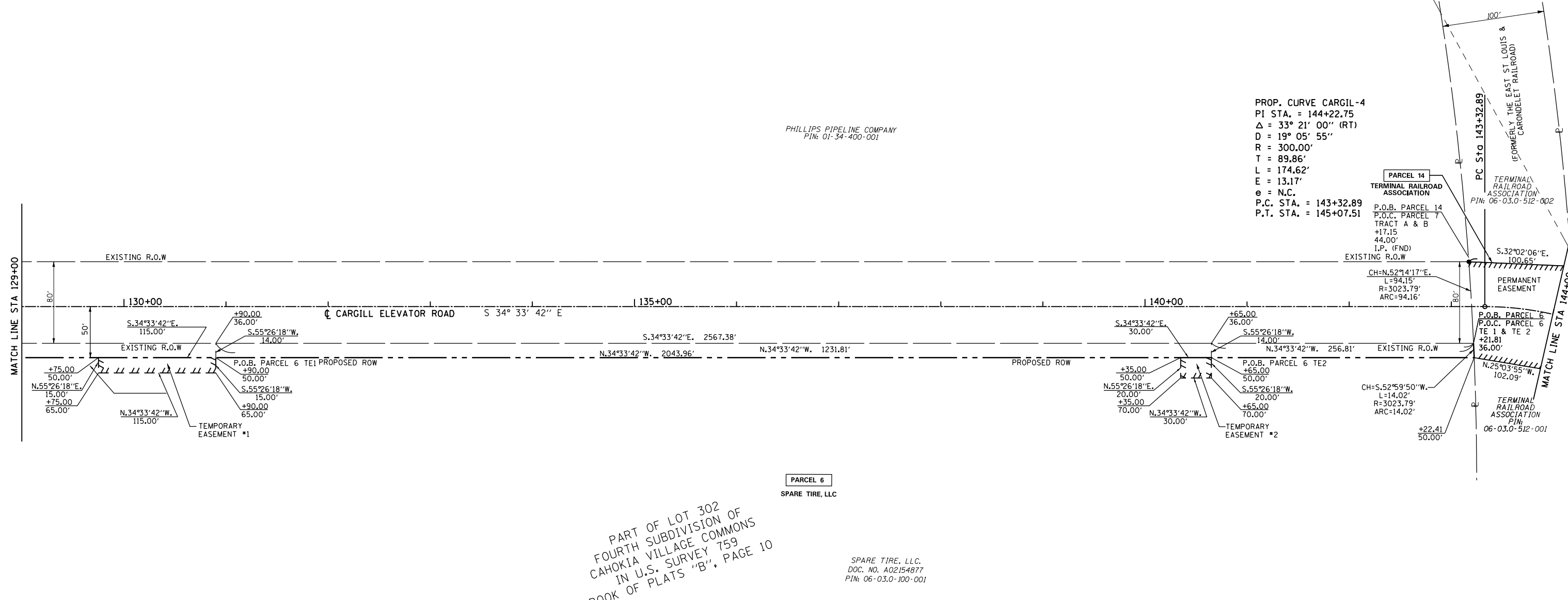




**NOTES:**

COORDINATES AND BEARINGS SHOWN HEREON ARE BASED ON SURVEY CONTROL DATA AS PREPARED BY HURST-ROSCHE, INC. THE COORDINATES AND BEARINGS SHOWN HEREON ARE BASED ON ILLINOIS STATE PLANE, WEST ZONE, NAD83 AND NAVD88.

CLOSURE FOR ALL PARCELS EXCEEDS 1:10,000.



**LEGEND**

- — — — — EXISTING RIGHT OF WAY LINE
- — — — — PROPOSED CENTERLINE
- - - - - PROPOSED RIGHT OF WAY LINE
- /// /// /// /// PROPOSED TEMPORARY EASEMENT LINE
- //// //// //// //// PROPOSED PERMANENT EASEMENT LINE
- — — — — PROPERTY LINE
- 121.45 MEASURED OR COMPUTED DIMENSION
- (123.45) RECORDED DIMENSION
- FOUND IRON PIPE OR IRON ROD
- SET 5/8 INCH IRON ROD
- ⊕ PERMANENT SURVEY MONUMENT, CUT CROSS FOUND OR SET
- ⊕ SAME OWNERSHIP
- ⊗ RIGHT OF WAY MARKER
- △ FOUND STONE

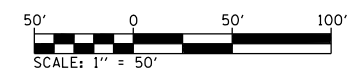


I, JEFFREY B. MEYER, AN ILLINOIS PROFESSIONAL LAND SURVEYOR AND BEING AN EMPLOYEE OF HURST-ROSCHE ENGINEERS, INC. DO HEREBY CERTIFY THAT THIS PLAT REPRESENTS A SURVEY MADE BY ME OR UNDER MY DIRECTION AND THAT THE INFORMATION SHOWN HEREON IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

01-22-2019  
DATE

*Jeffrey B. Meyer*  
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-002977  
LICENSE EXPIRES: NOVEMBER 30, 2020

ST. CLAIR COUNTY DEPARTMENT  
OF ROADS AND BRIDGES  
1415 NORTH BELT WEST  
BELLEVILLE, ILLINOIS 62220



PARCEL NO.	OWNER	TOTAL HOLDING	R.O.W. REQUIRED	EXISTING R.O.W.	NET R.O.W. REQUIRED	REMAINDER	TEMP/PERM EASEMENT	EASEMENT PURPOSE
6	SPARE TIRE, LLC.	N/A	45,440 SF 1.0432 AC	N/A	N/A	N/A	TE #1 1,725 SF 0.0396 AC TE #2 600 SF 0.0138 AC	GRADING
14	TERMINAL RAILROAD ASSOCIATION	N/A	N/A	N/A	N/A	N/A	PE 10,027 SF 0.2302 AC	CONSTRUCTION

FILE NAME =	USER NAME = ujellison	DESIGNED - TWC	REVISED -
X:\Projects\Current\190-0917-Cargill.Rd\CON\row_03.dgn		DRAWN - TWC	REVISED -
	PLOT SCALE = 97.8592' / in.	CHECKED - JBM	REVISED -
	PLOT DATE = 1/22/2019	DATE - 01-22-19	REVISED -

**ILLINOIS DEPARTMENT OF TRANSPORTATION  
PLAT OF HIGHWAYS**

ROUTE CH37	SECTION 05-00043-00-PV	COUNTY ST CLAIR	JOB#
SEC	T IN , R10W OF 3rd P.M.	PROJECT#	
SCALE: 1:50	SHEET NO. 3 OF 4 SHEETS	STA 129+00 TO STA 144+00	CONTRACT NO. 97654

HURST-ROSCHE, INC.  
NO. 5 BANK SQUARE  
EAST SAINT LOUIS, ILLINOIS 62203  
PHONE: 618-398-0890  
HR JOB# 190-0917

**HR**

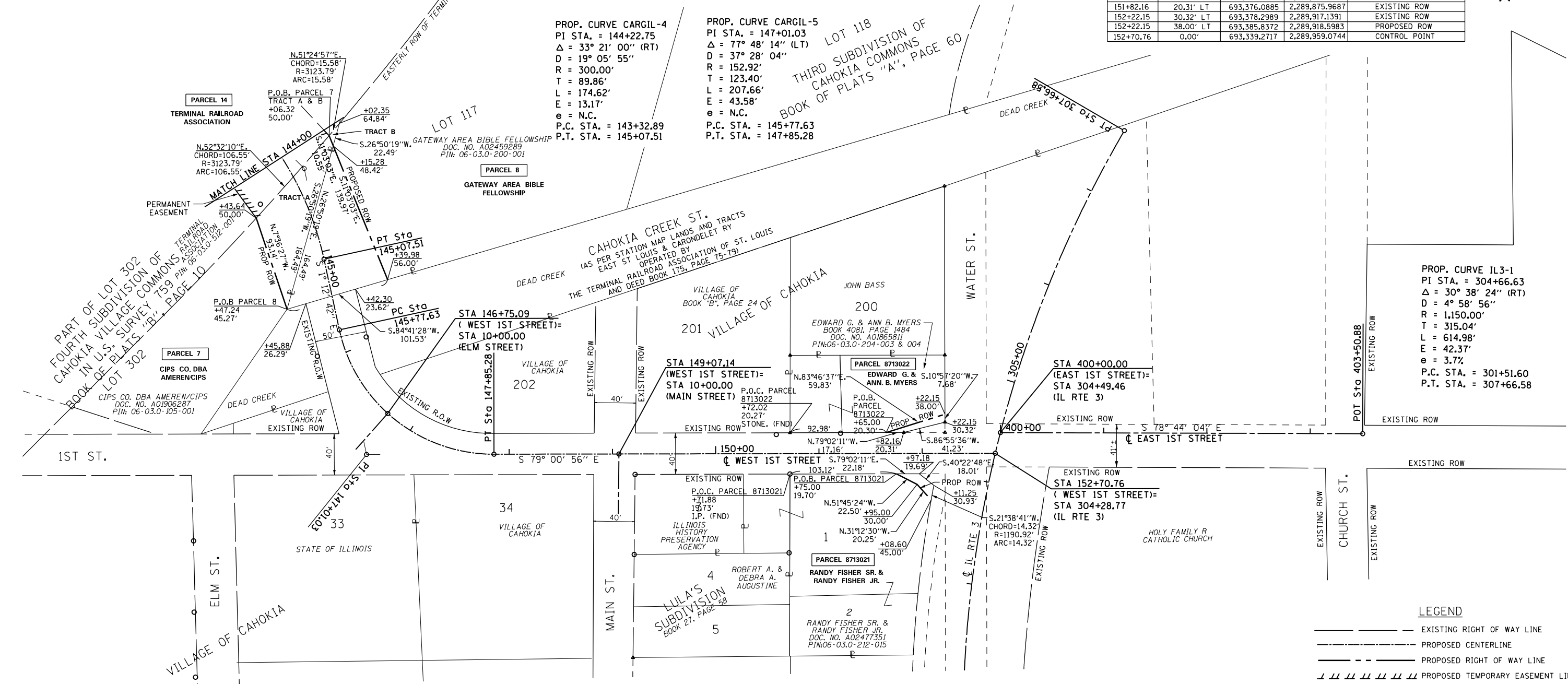
**NOTES:**

COORDINATES AND BEARINGS SHOWN HEREON ARE BASED ON SURVEY CONTROL DATA AS PREPARED BY HURST-ROSCHKE, INC. THE COORDINATES AND BEARINGS SHOWN HEREON ARE BASED ON ILLINOIS STATE PLANE, WEST ZONE, NAD83 AND NAVD88.

CLOSURE FOR ALL PARCELS EXCEEDS 1:10,000.

SEE LEGENDS, TOPOGRAPHIC STATEMENT, SURVEYORS NOTE(S) AND BASIS OF COORDINATES & BEARINGS STATEMENT ON SHEET 2

COORDINATE TABLE				
STATION	OFFSET	NORTH	EAST	DESCRIPTION
147+85.28	0.00'	693,431.7754	2,289,482.4922	CONTROL POINT
151+75.00	19.70' RT	693,338.1830	2,289,861.3185	PROPOSED ROW
151+95.00	30.00' RT	693,324.2563	2,289,878.9886	PROPOSED ROW
151+97.18	19.69' RT	693,333.9648	2,289,883.0931	EXISTING ROW
152+08.60	45.00' RT	693,306.9402	2,289,889.4792	PROPOSED ROW
152+11.25	30.93' RT	693,320.2469	2,289,894.7597	EXISTING ROW
151+65.00	20.30' LT	693,379.3519	2,289,894.0412	PROPOSED ROW
151+82.16	20.31' LT	693,376.0885	2,289,875.9687	EXISTING ROW
152+22.15	30.32' LT	693,378.2989	2,289,917.1391	EXISTING ROW
152+22.15	38.00' LT	693,385.8372	2,289,918.5983	PROPOSED ROW
152+70.76	0.00'	693,339.2717	2,289,959.0744	CONTROL POINT

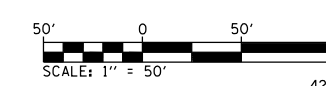


PROP. CURVE IL3-1  
 PI STA. = 304+66.63  
 $\Delta = 30^\circ 38' 24''$  (RT)  
 $D = 4^\circ 58' 56''$   
 $R = 1,150.00'$   
 $L = 315.04'$   
 $T = 614.98'$   
 $E = 42.37'$   
 $e = 3.7'$   
 P.C. STA. = 301+51.60  
 P.T. STA. = 307+66.58

**LEGEND**

- EXISTING RIGHT OF WAY LINE
- - - - - PROPOSED CENTERLINE
- - - - - PROPOSED RIGHT OF WAY LINE
- ||||| PROPOSED TEMPORARY EASEMENT LINE
- /////// PROPOSED PERMANENT EASEMENT LINE
- PROPERTY LINE

- 121.45 MEASURED OR COMPUTED DIMENSION
- (123.45) RECORDED DIMENSION
- FOUND IRON PIPE OR IRON ROD
- SET 5/8 INCH IRON ROD
- ⊕ PERMANENT SURVEY MONUMENT, CUT CROSS FOUND OR SET
- ⊞ SAME OWNERSHIP
- ⊞ RIGHT OF WAY MARKER
- △ FOUND STONE



NOTE: PARCELS 8713021 & 8713022 ARE TO BE ACQUIRED IN THE NAME OF THE STATE OF ILLINOIS. A SEPARATE PLAT OF HIGHWAYS HAS BEEN PREPARED FOR PARCELS 8713021 & 8713022 AND THE PARCEL INFORMATION FOR THESE PARCELS SHOWN HEREON, WHILE IDENTICAL, IS FOR INFORMATION ONLY.

PARCEL NO.	OWNER	TOTAL HOLDING	R.O.W. REQUIRED	EXISTING R.O.W.	TOTAL R.O.W. REQUIRED	REMAINDER	TEMP EASEMENT	EASEMENT PURPOSE
7	CIPS CO. DBA AMREN/CIPS TRACT A	24,435 SF 0.5610 AC	4,790 SF 0.1100 AC	N/A	4,863 SF 0.1116 AC	19,572 SF 0.4493 AC	N/A	N/A
	CIPS CO. DBA AMREN/CIPS TRACT B		73 SF 0.0017 AC					
8	GATEWAY AREA BIBLE FELLOWSHIP	103,519 SF 2.3765 AC	7,070 SF 0.1623 AC	N/A	7,070 SF 2.2142 AC	96,449 SF 2.2142 AC	N/A	N/A
8713021	RANDY FISHER SR. & RANDY FISHER JR.	25931 SF 0.5953 AC	314 SF 0.0072 AC	N/A	314 SF 0.0072 AC	25617 SF 0.5881 AC		
8713022	EDWARD G. & ANN B. MYERS	11051 SF 0.2537 AC	305 SF 0.0070 AC	N/A	305 SF 0.0070 AC	10746 SF 0.2467 AC		
14	TERMINAL RAILROAD ASSOCIATION	SEE SHEET 3 FOR AREA						



I, JEFFREY B. MEYER, AN ILLINOIS PROFESSIONAL LAND SURVEYOR AND BEING AN EMPLOYEE OF HURST-ROSCHKE ENGINEERS, INC. DO HEREBY CERTIFY THAT THIS PLAT REPRESENTS A SURVEY MADE BY ME OR UNDER MY DIRECTION AND THAT THE INFORMATION SHOWN HEREON IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*Jeffrey B. Meyer*  
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-002977  
 LICENSE EXPIRES: NOVEMBER 30, 2020

ST. CLAIR COUNTY DEPARTMENT OF ROADS AND BRIDGES  
 1415 NORTH BELT WEST  
 BELLEVILLE, ILLINOIS 62220

**ILLINOIS DEPARTMENT OF TRANSPORTATION  
 PLAT OF HIGHWAYS**

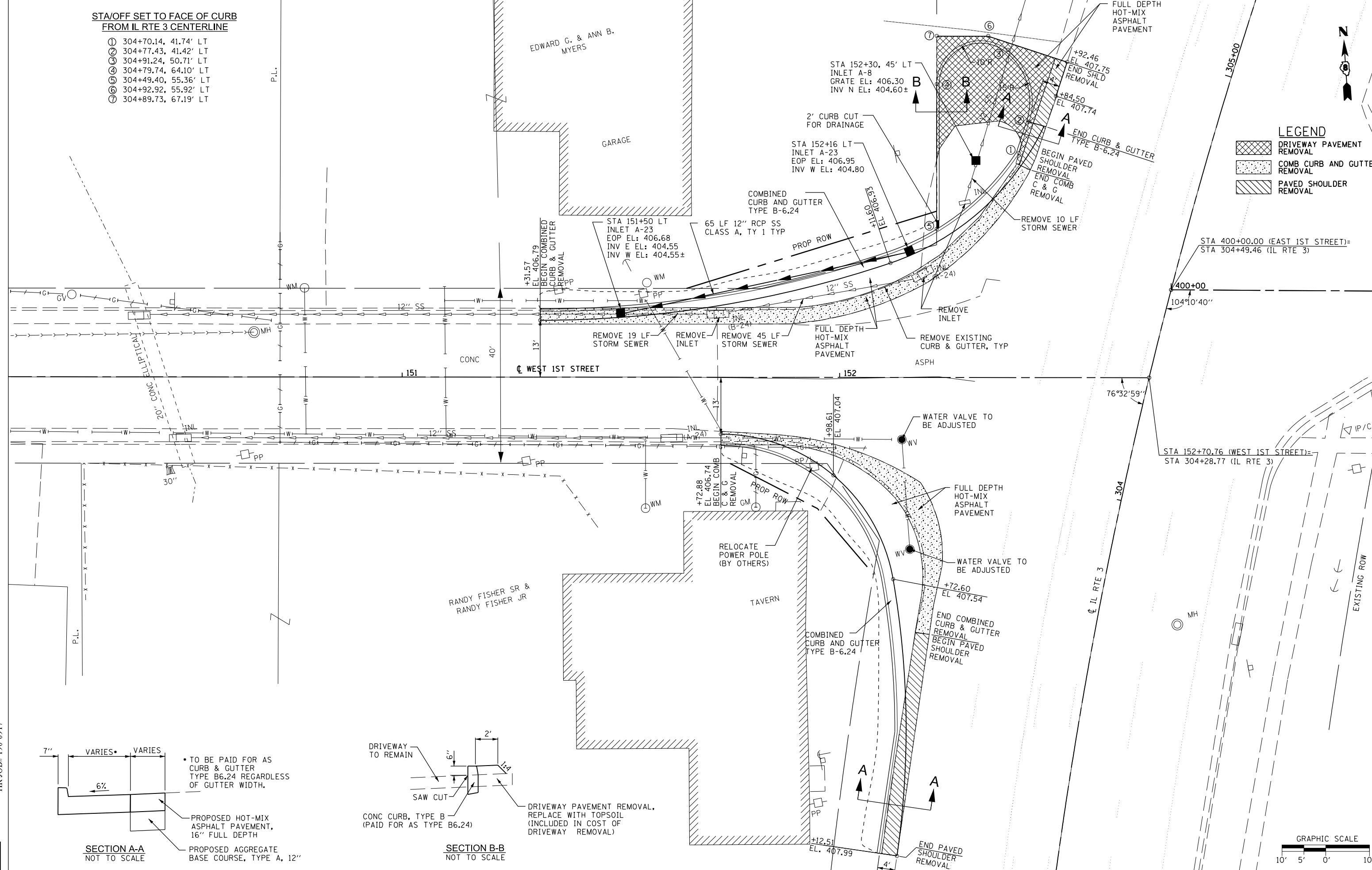
ROUTE CH37	SECTION 05-00043-00-PV	COUNTY ST CLAIR	JOB#
SEC	T IN , R10W OF 3rd P.M.	PROJECT#	
SCALE: 1:50	SHEET NO. 4 OF 4 SHEETS	STA 144+00 TO STA 152+32.6	CONTRACT NO. 97654

FILE NAME =	USER NAME = ujellison	DESIGNED - TWC	REVISED -
X:\Projects\Current\190-0917.Cargill.Rd\CONrow_04.dgn		DRAWN - TWC	REVISED -
PLOT SCALE = 97.8592' / in.		CHECKED - JBM	REVISED -
PLOT DATE = 1/22/2019		DATE - 01-22-19	REVISED -

HURST-ROSCHKE, INC.  
 NO. 5 BANK SQUARE  
 EAST SAINT LOUIS, ILLINOIS 62203  
 PHONE: 618-398-0890  
 HR JOB# 190-0917

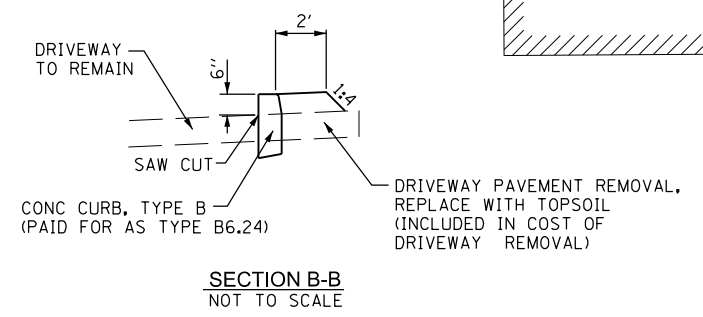
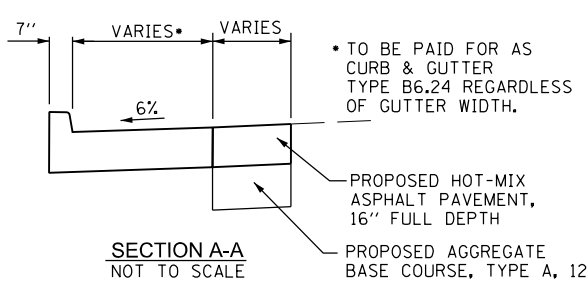
**STA/OFF SET TO FACE OF CURB  
FROM IL RTE 3 CENTERLINE**

- ① 304+70.14, 41.74' LT
- ② 304+77.43, 41.42' LT
- ③ 304+91.24, 50.71' LT
- ④ 304+79.74, 64.10' LT
- ⑤ 304+49.40, 55.36' LT
- ⑥ 304+92.92, 55.92' LT
- ⑦ 304+89.73, 67.19' LT



**LEGEND**

- DRIVEWAY PAVEMENT REMOVAL
- COMB CURB AND GUTTER REMOVAL
- PAVED SHOULDER REMOVAL



HURST-ROSCHKE, INC.  
NO. 5 BANK SQUARE  
EAST SAINT LOUIS, ILLINOIS 62203  
PHONE: 618-398-0890  
HR JOB# 190-0917

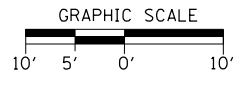
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PLOT SCALE = 1/4" = 1' - 0"		CHECKED - JWR	REVISED -
PLOT DATE = 1/22/2019		DATE - 01-22-19	REVISED -

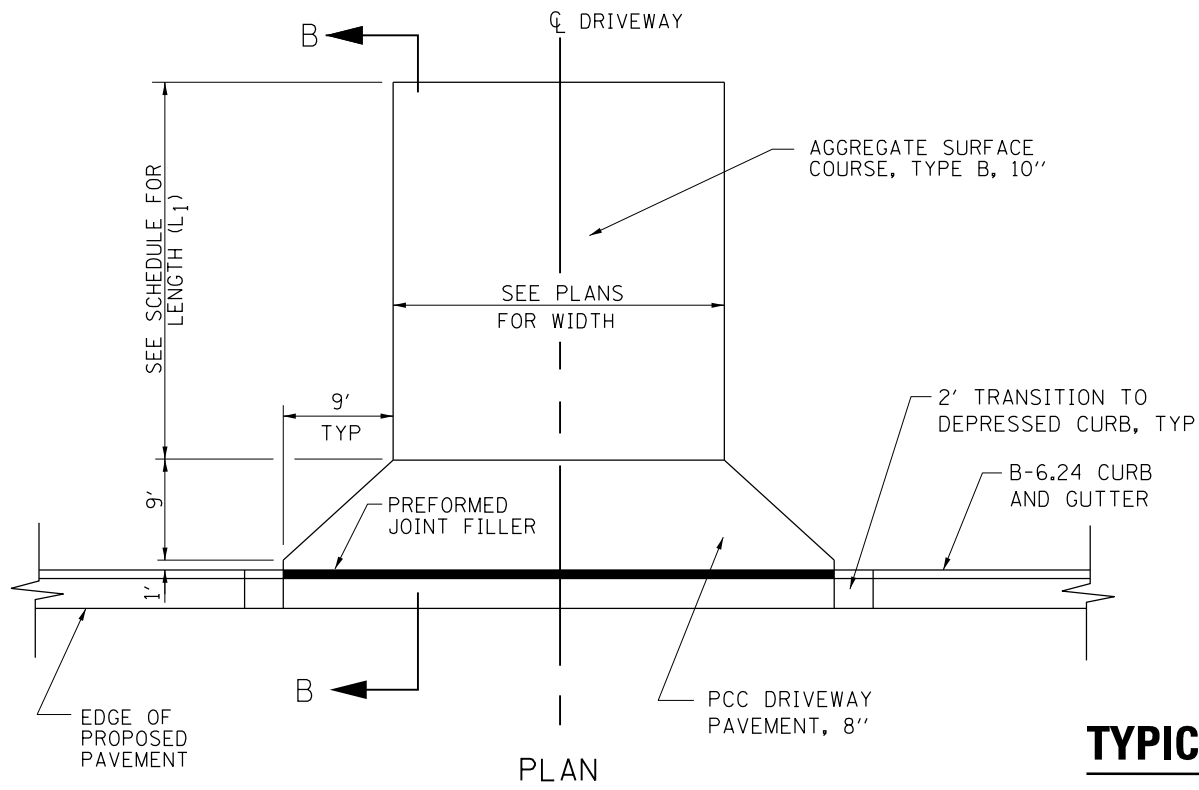
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**FIRST STREET INTERSECTION DETAIL**

SCALE: 1"=10' SHEET NO. 1 OF 1 SHEETS STA. TO STA.

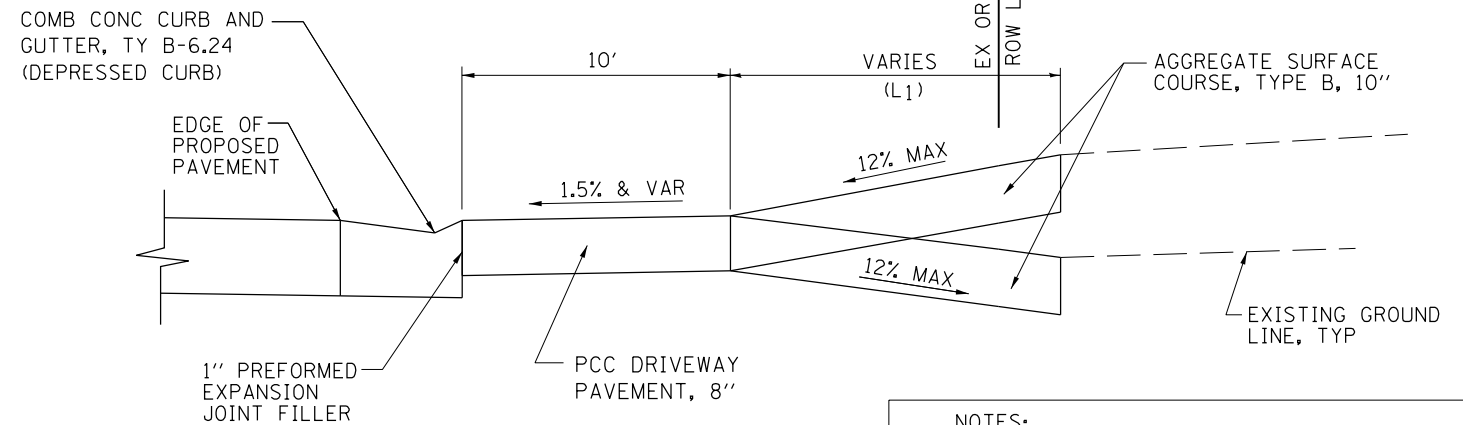
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH37	05-00043-00-PV	ST CLAIR	96	43
CONTRACT NO. 97654			FED. ROAD DIST. NO. 8   ILLINOIS FED. AID PROJECT	





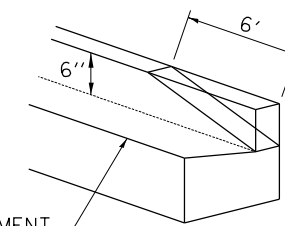
### TYPICAL ENTRANCE (URBAN)

NOT TO SCALE



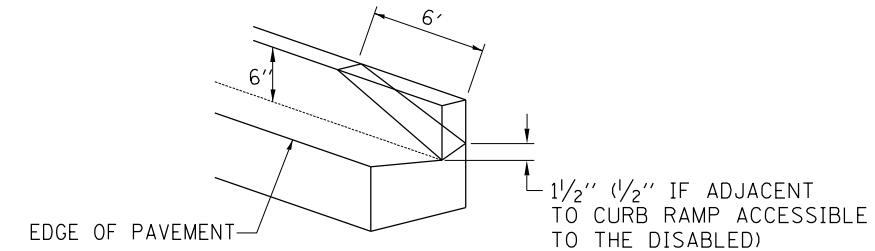
#### NOTES:

1. THE COST OF FURNISHING AND INSTALLING THE 1" PREFORMED JOINT FILLER SHALL BE INCLUDED IN THE COST OF THE 8" PCC DRIVEWAY PAVEMENT.
2. SEE X-SECTIONS, ENTRANCE SCHEDULE AND PLAN VIEW FOR FURTHER DETAILS.
3. THE ENGINEER WILL DETERMINE THE EXACT LOCATION FOR ENTRANCES.



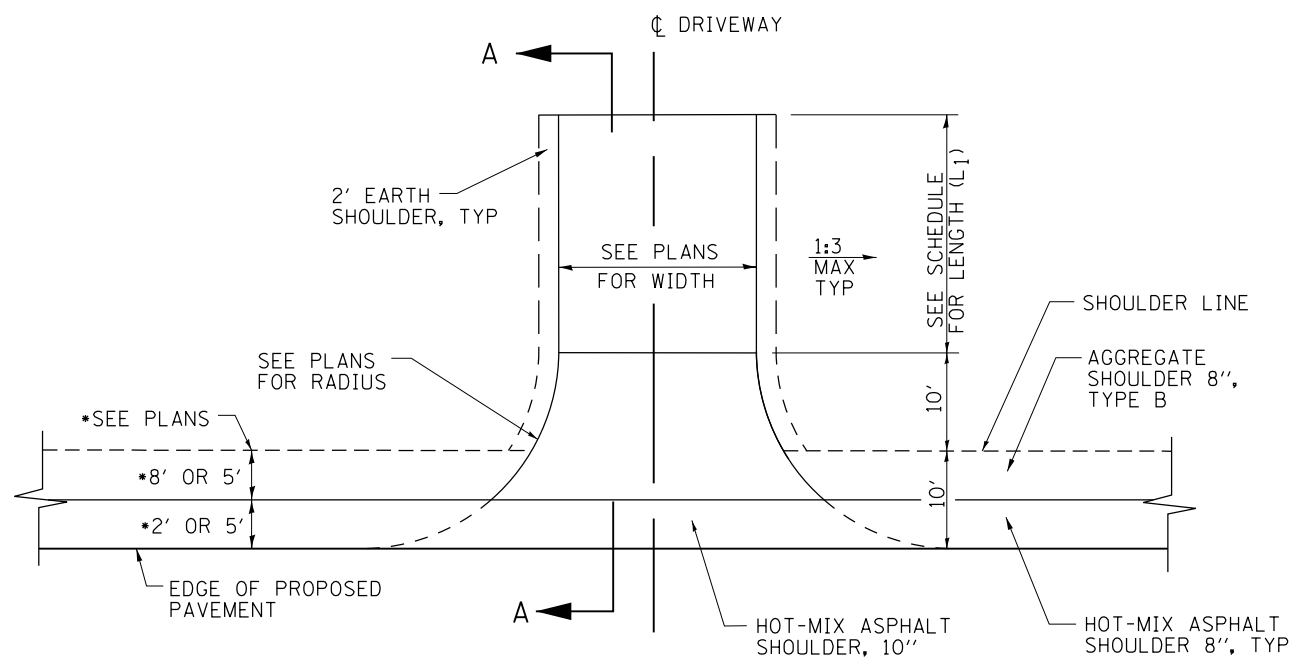
### CURB TERMINATION DETAIL

NOT TO SCALE



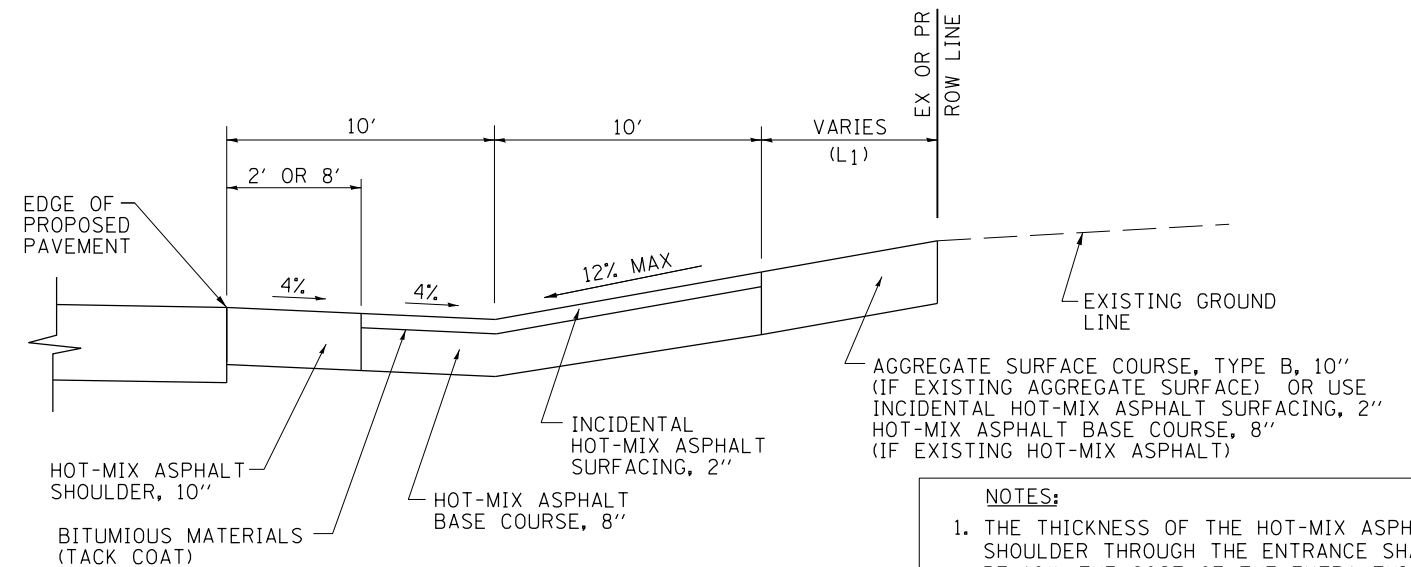
### TAPER DETAIL FOR DEPRESSED CURB

NOT TO SCALE



### TYPICAL ENTRANCE (RURAL)

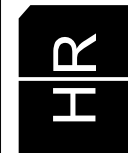
NOT TO SCALE



#### NOTES:

1. THE THICKNESS OF THE HOT-MIX ASPHALT SHOULDER THROUGH THE ENTRANCE SHALL BE 10". THE COST OF THE EXTRA THICKNESS SHALL BE INCLUDED IN THE HOT-MIX ASPHALT SHOULDER PAY ITEM.
2. SEE X-SECTIONS, ENTRANCE SCHEDULE AND PLAN VIEW FOR FURTHER DETAILS.
3. THE ENGINEER WILL DETERMINE THE EXACT LOCATION FOR ENTRANCES.

HURST-ROSCHKE, INC.  
NO. 5 BANK SQUARE  
EAST SAINT LOUIS, ILLINOIS 62203  
PHONE: 618-398-0890  
HR JOB# 190-0917



FILE NAME =	USER NAME = ujellison	DESIGNED - JJC	REVISED -
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		CHECKED - JWR	REVISED -
		DATE - 01-22-19	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

MISCELLANEOUS DETAILS

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH37	05-00043-00-PV	ST CLAIR	96	44
CONTRACT NO. 97654			FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT	

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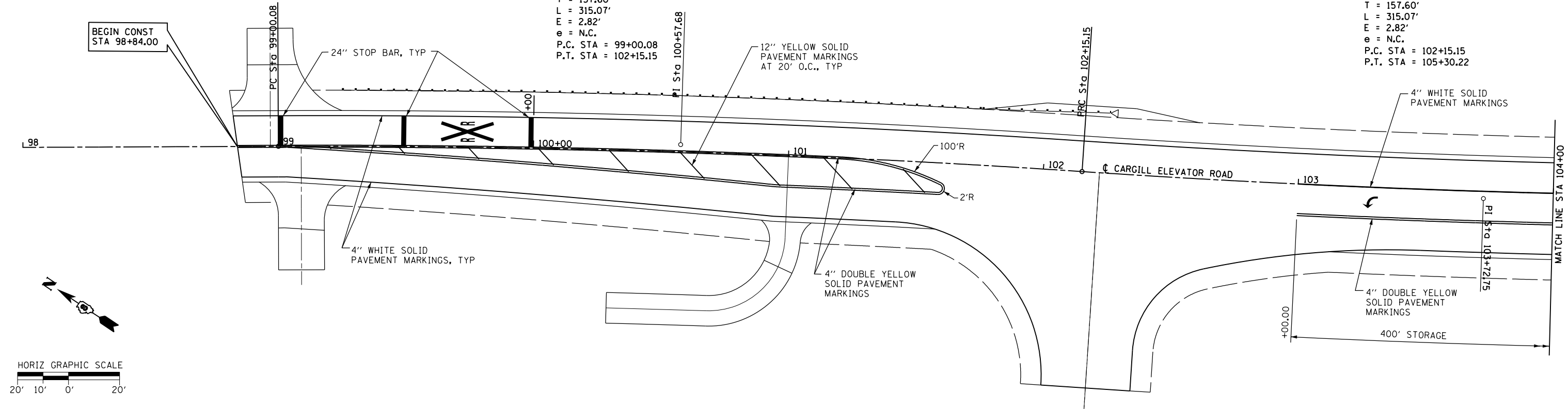
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HURST-ROSCHKE, INC.  
 NO. 5 BANK SQUARE  
 EAST SAINT LOUIS, ILLINOIS 62203  
 PHONE: 618-398-0890  
 HR JOB# 190-0917



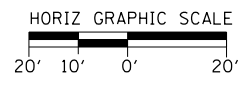
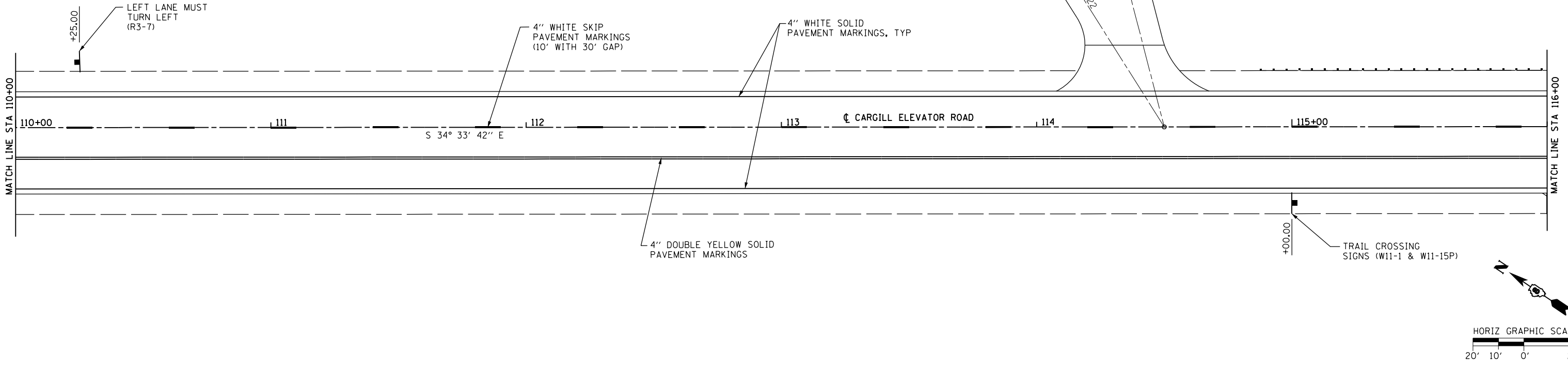
PROP. CURVE CARGIL-1A  
 PI STA. = 100+57.68  
 $\Delta = 4^{\circ} 05' 36''$  (RT)  
 $D = 1^{\circ} 17' 57''$   
 $R = 4,410.00'$   
 $T = 157.60'$   
 $L = 315.07'$   
 $E = 2.82'$   
 $e = N.C.$   
 P.C. STA = 99+00.08  
 P.T. STA = 102+15.15

PROP. CURVE CARGIL-1B  
 PI STA. = 103+72.75  
 $\Delta = 4^{\circ} 05' 36''$  (LT)  
 $D = 1^{\circ} 17' 57''$   
 $R = 4,410.00'$   
 $T = 157.60'$   
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 P.C. STA = 102+15.15  
 P.T. STA = 105+30.22





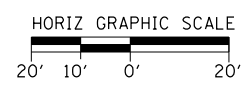
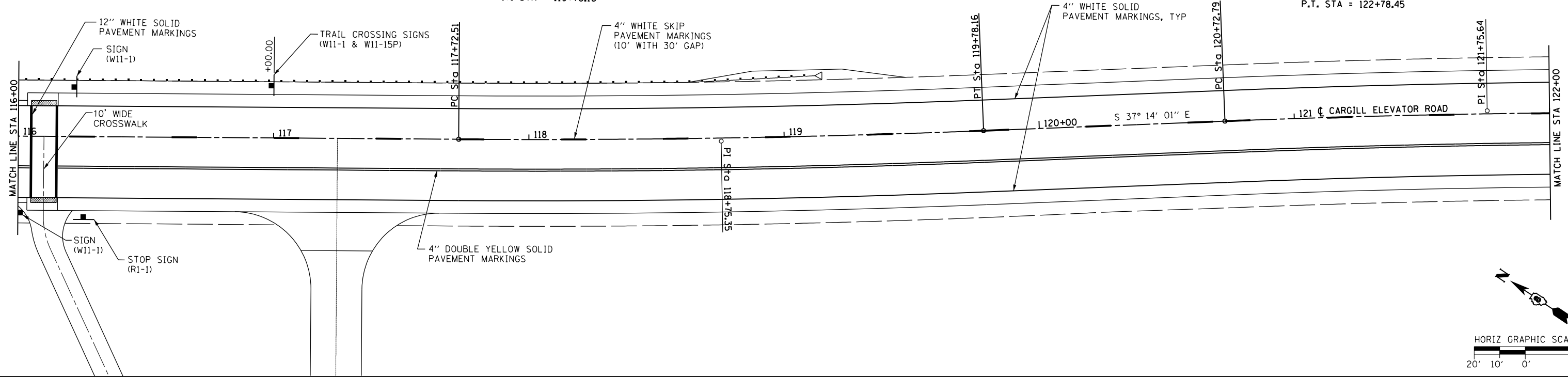
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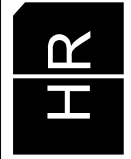
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PROP. CURVE CARGIL-2  
 PI STA. = 118+75.35  
 $\Delta = 2^\circ 40' 19''$  (LT)  
 $D = 1^\circ 17' 57''$   
 $R = 4,410.00'$   
 $T = 102.84'$   
 $L = 205.65'$   
 $E = 1.20'$   
 $e = N.C.$   
 P.C. STA = 117+72.51  
 P.T. STA = 119+78.16

PROP. CURVE CARGIL-3  
 PI STA. = 121+75.64  
 $\Delta = 2^\circ 40' 19''$  (RT)  
 $D = 1^\circ 17' 57''$   
 $R = 4,410.00'$   
 $T = 102.84'$   
 $L = 205.65'$   
 $E = 1.20'$   
 $e = N.C.$   
 P.C. STA = 120+72.79  
 P.T. STA = 122+78.45



HURST-ROSCHKE, INC.  
 NO. 5 BANK SQUARE  
 EAST SAINT LOUIS, ILLINOIS 62203  
 PHONE: 618-398-0890  
 HR JOB# 190-0917



FILE NAME = X:\Projects\Current\190-0917\_Cargill.Rd\DV01  
 USER NAME = ujellison  
 PLOT SCALE = 38.8237' / 1 in.  
 PLOT DATE = 1/22/2019

DESIGNED - JJC  
 DRAWN - UJ  
 CHECKED - JWR  
 DATE - 01-22-19

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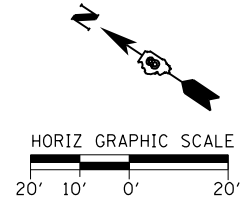
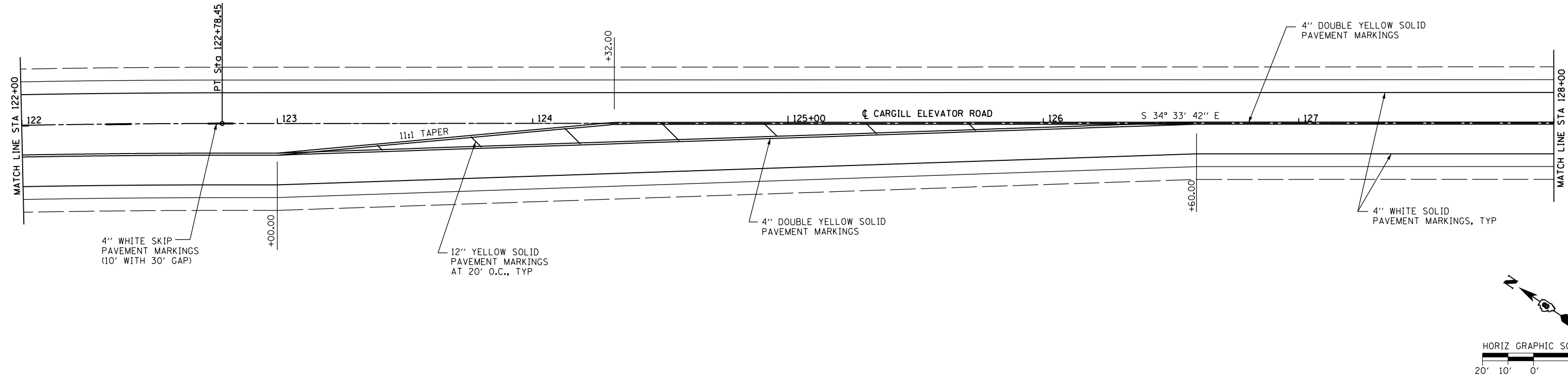
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLANS

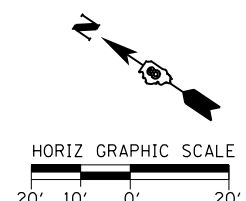
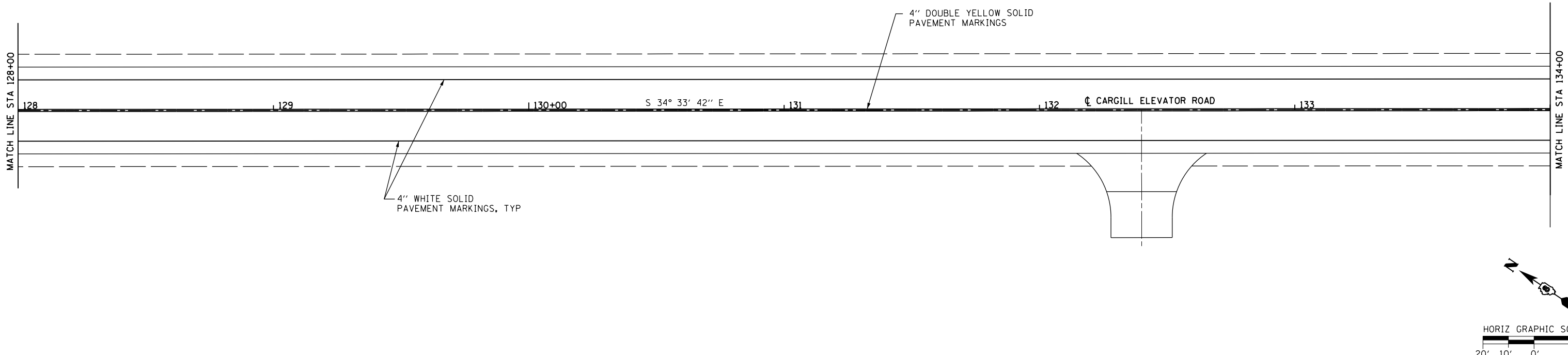
SCALE: 1"=20' SHEET NO. 2 OF 4 SHEETS STA. 110+00 TO STA. 122+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH37	05-00043-00-PV	ST CLAIR	96	46
CONTRACT NO. 97654				
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				

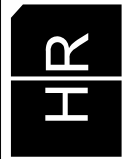
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HURST-ROSCHE, INC.  
 NO. 5 BANK SQUARE  
 EAST SAINT LOUIS, ILLINOIS 62203  
 PHONE: 618-398-0890  
 HR JOB# 190-0917



FILE NAME = X:\Projects\Current\190-0917_Cargill.Rd\DO	USER NAME = ujellison	DESIGNED - JJC	REVISED -
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PLOT SCALE = 38.8237' / 1"		CHECKED - JWR	REVISED -
PLOT DATE = 1/22/2019		DATE - 01-22-19	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLANS**

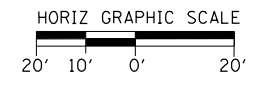
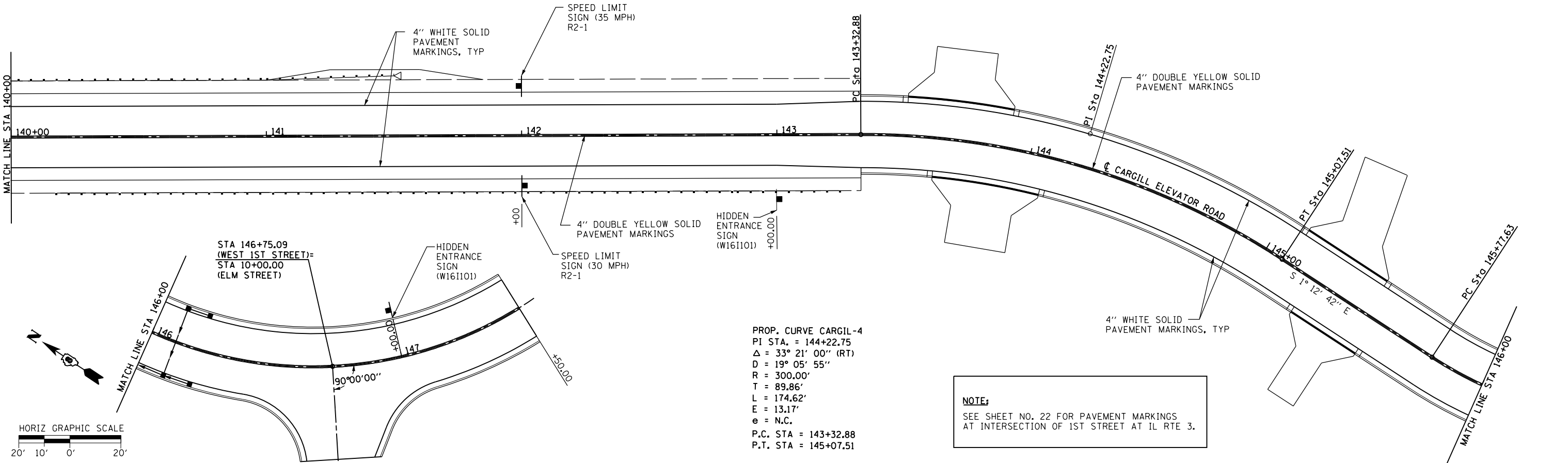
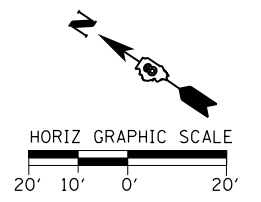
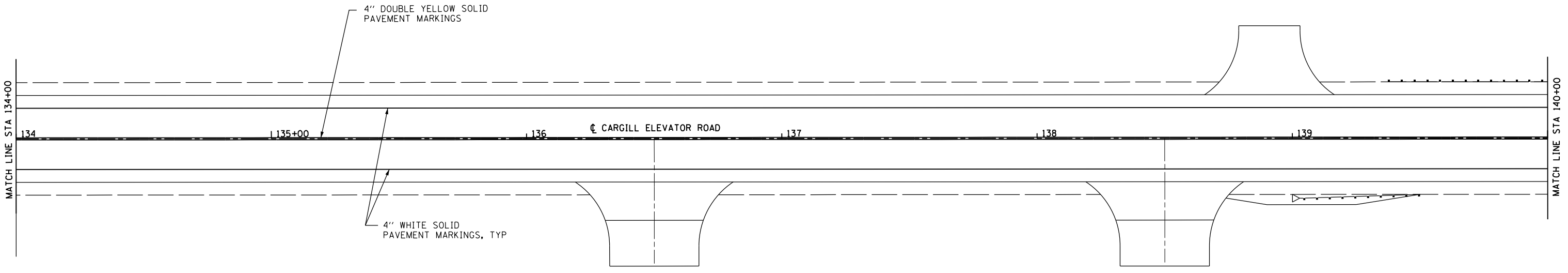
SCALE: 1"=20'    SHEET NO. 3 OF 4 SHEETS    STA. 122+00 TO STA. 134+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH37	05-00043-00-PV	ST CLAIR	96	47
CONTRACT NO. 97654				
FED. ROAD DIST. NO. 8   ILLINOIS   FED. AID PROJECT				

PLAN	NO.
NO. BOOK	
DATE	
BY	
REVISIONS	
PLOTTED	
ALIGNMENT CHECKED	
PLAN CHECKED	
DATE	
BY	

PROFILE	NO.
NO. BOOK	
DATE	
BY	
REVISIONS	
PLOTTED	
GRADES CHECKED	
BAR NOTED	
STRUCTURE NOTATIONS OK'D	

HURST-ROSCHKE, INC.  
 NO. 5 BANK SQUARE  
 EAST SAINT LOUIS, ILLINOIS 62203  
 PHONE: 618-398-0890  
 HR JOB# 190-0917



PROP. CURVE CARGIL-4  
 PI STA. = 144+22.75  
 $\Delta = 33^\circ 21' 00''$  (RT)  
 $D = 19^\circ 05' 55''$   
 $R = 300.00'$   
 $T = 89.86'$   
 $L = 174.62'$   
 $E = 13.17'$   
 $e = N.C.$   
 P.C. STA = 143+32.88  
 P.T. STA = 145+07.51

**NOTE:**  
 SEE SHEET NO. 22 FOR PAVEMENT MARKINGS  
 AT INTERSECTION OF 1ST STREET AT IL RTE 3.

FILE NAME = X:\Projects\Current\190-0917\_Cargill.Rd\DO  
 USER NAME = ujellison  
 PLOT SCALE = 38.8237' / in.  
 PLOT DATE = 1/22/2019

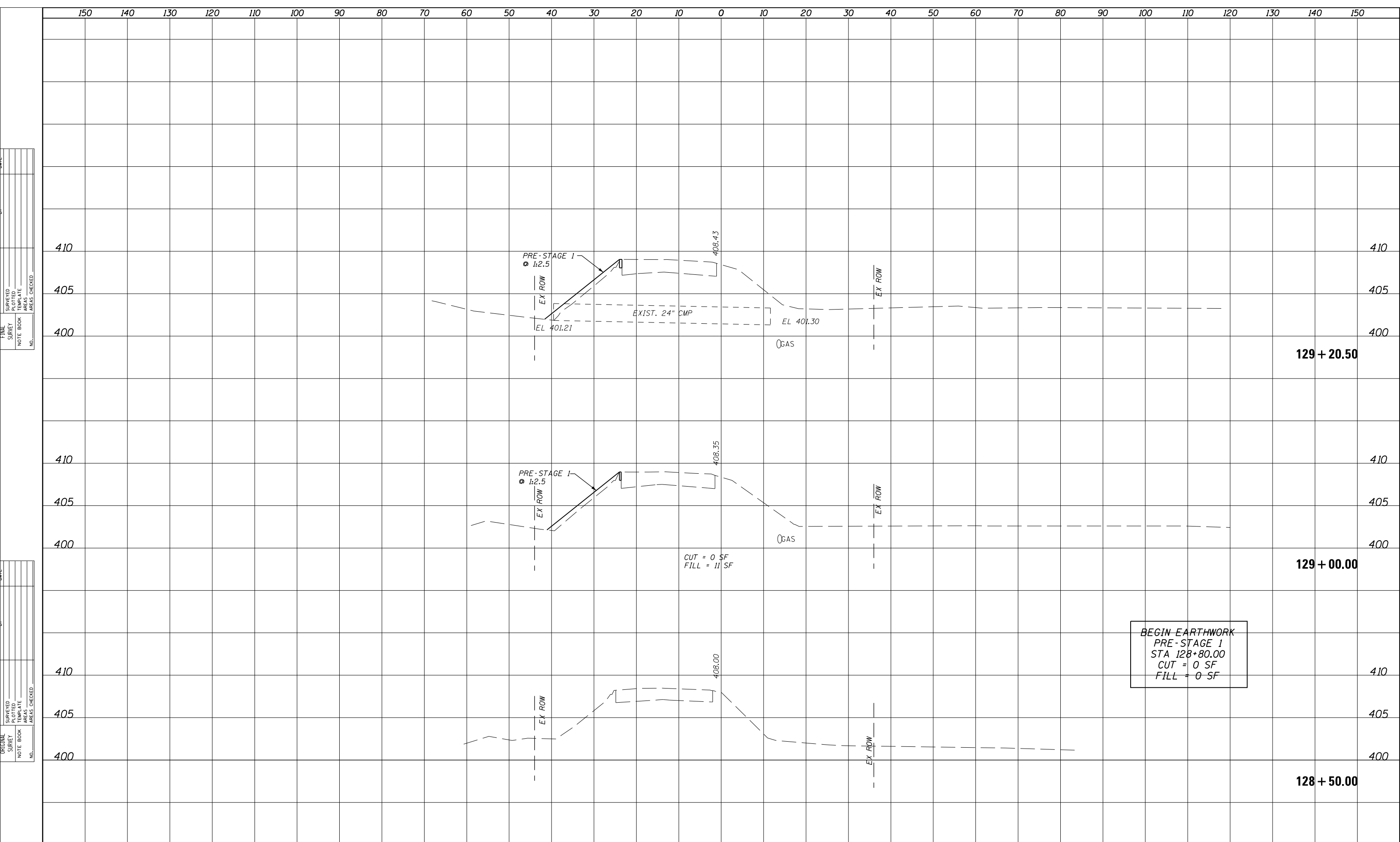
DESIGNED - JJC	REVISED -
DRAWN - UJ	REVISED -
CHECKED - JWR	REVISED -
DATE - 01-22-19	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLANS**

SCALE: 1"=20' SHEET NO. 4 OF 4 SHEETS STA. 134+00 TO STA. 147+50

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH37	05-00043-00-PV	ST CLAIR	96	48
CONTRACT NO. 97654				
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				



FINAL	SURVEY	PLOTTED	TEMPLATE	AREAS	CHECKED
NO.					

ORIGINAL	SURVEY	PLOTTED	TEMPLATE	AREAS	CHECKED
NO.					

FILE NAME =	USER NAME = ujellison
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	DRAWN - UJ
PLOT SCALE = 1/4" = 1' in.	CHECKED - JWR
PLOT DATE = 1/22/2019	DATE - 01-22-19

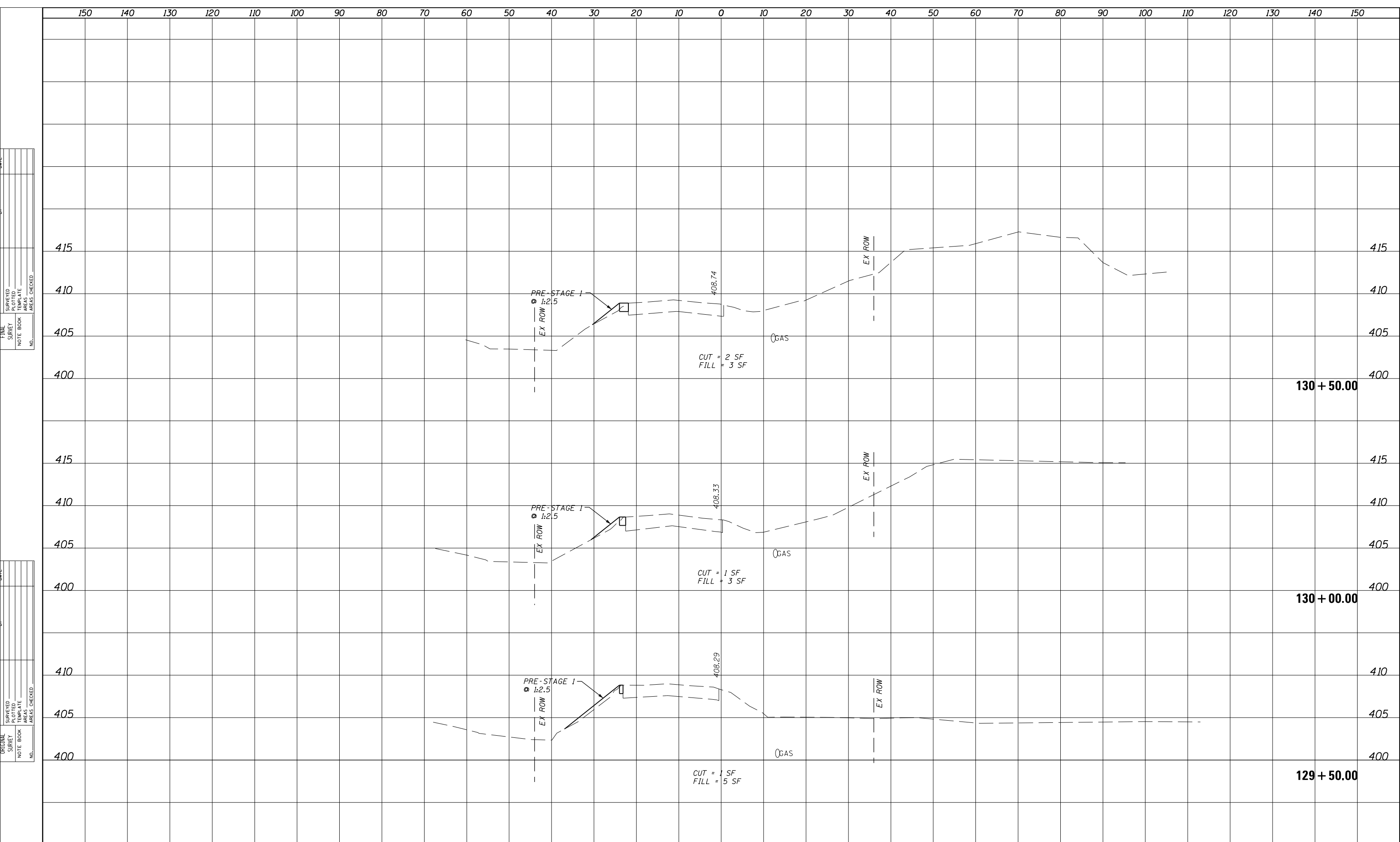
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DRAWN - UJ	REVISED -
CHECKED - JWR	REVISED -
DATE - 01-22-19	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CARGILL ELEVATOR ROAD  
PRE-STAGE 1 CROSS SECTIONS**

SCALE: 1"=10'      SHEET NO. 1 OF 8 SHEETS      STA. 128+50.00 TO STA. 129+20.50

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH37	05-00043-00-PV	ST. CLAIR	96	49
				CONTRACT NO. 97654
ILLINOIS FED. AID PROJECT				



FINAL
SURVEY
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
NO.

ORIGINAL
SURVEY
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
NO.

FILE NAME =  
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USER NAME = ujejlison  
 PLOT SCALE = 1/4" = 10' / in.  
 PLOT DATE = 1/22/2019

DESIGNED - JJC  
 DRAWN - UJ  
 CHECKED - JWR  
 DATE - 01-22-19

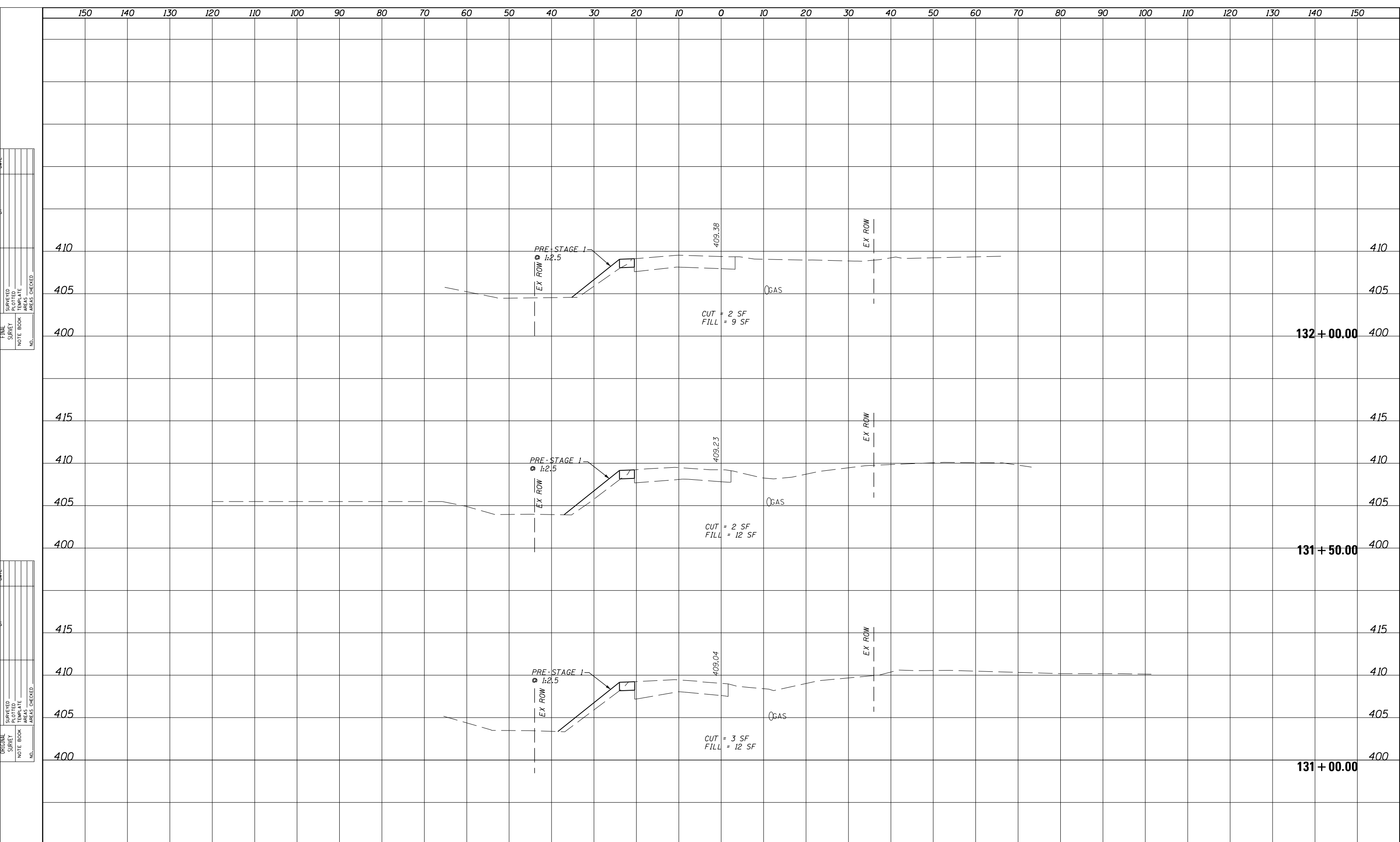
REVISED -  
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 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CARGILL ELEVATOR ROAD  
 PRE-STAGE 1 CROSS SECTIONS**

SCALE: 1"=10'    SHEET NO. 2 OF 8 SHEETS    STA. 129+50.00 TO STA. 130+50.00

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH37	05-00043-00-PV	ST. CLAIR	96	50
CONTRACT NO. 97654				
ILLINOIS FED. AID PROJECT				



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

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

FILE NAME =  
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USER NAME = ujejlison  
 DESIGNED - JJC  
 DRAWN - UJ  
 CHECKED - JWR  
 DATE - 01-22-19

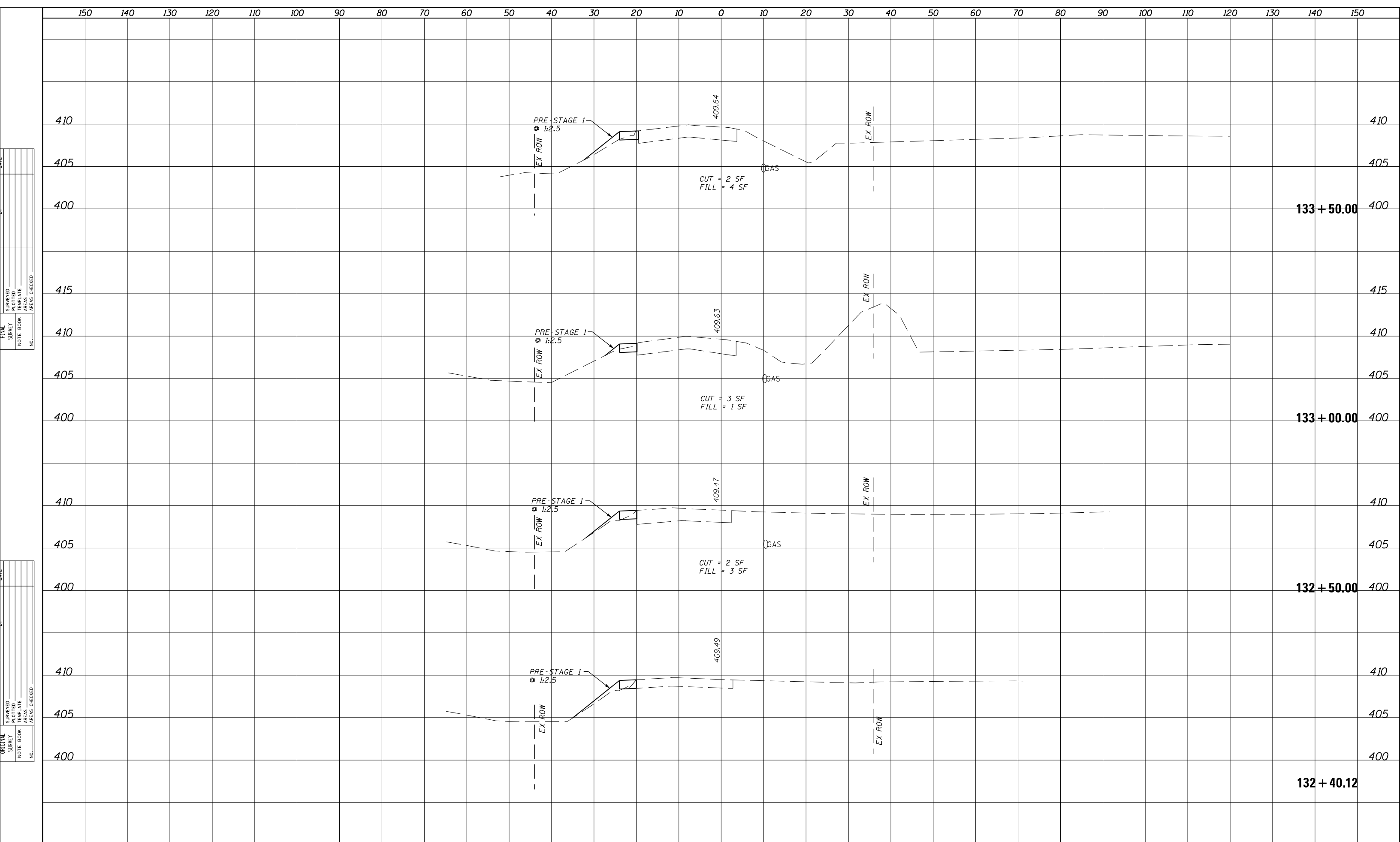
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 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CARGILL ELEVATOR ROAD  
 PRE-STAGE 1 CROSS SECTIONS**

SCALE: 1"=10'    SHEET NO. 3 OF 8 SHEETS    STA. 131+00.00 TO STA. 132+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH37	05-00043-00-PV	ST. CLAIR	96	51
CONTRACT NO. 97654				
ILLINOIS FED. AID PROJECT				



FINAL
SURVEY
PLOTTED
TEMPLATE
AREAS
CHECKED
NO.

ORIGINAL
SURVEY
PLOTTED
TEMPLATE
AREAS
CHECKED
NO.

FILE NAME =  
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USER NAME = ujellison  
 DESIGNED - JJC  
 DRAWN - UJ  
 CHECKED - JWR  
 DATE - 01-22-19

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CARGILL ELEVATOR ROAD  
 PRE-STAGE 1 CROSS SECTIONS**

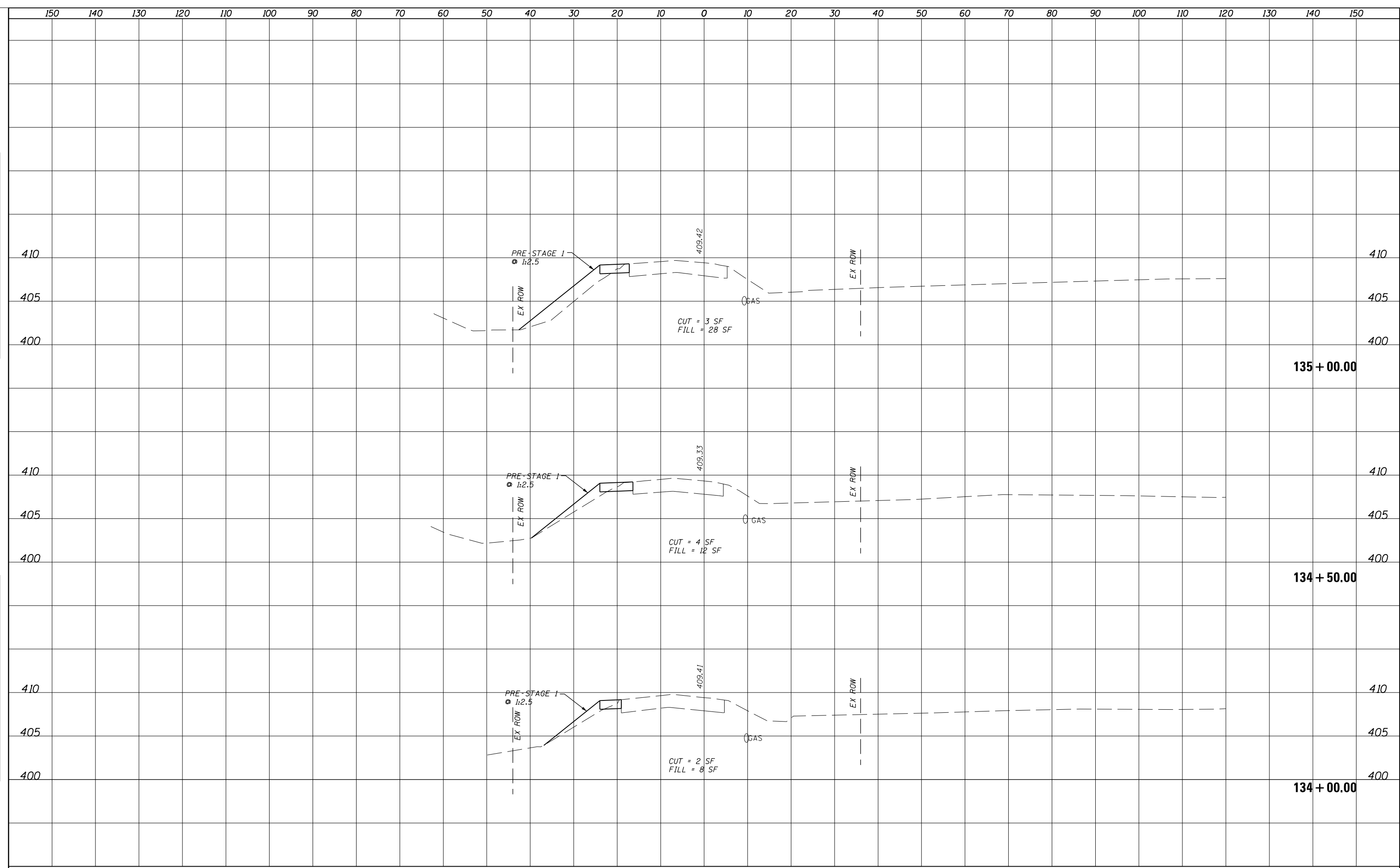
SCALE: 1"=10'    SHEET NO. 4 OF 8 SHEETS    STA. 132+40.12 TO STA. 133+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH37	05-00043-00-PV	ST. CLAIR	96	52
CONTRACT NO. 97654				
ILLINOIS FED. AID PROJECT				



FINAL	SURVEY	PLOTTED	AREAS CHECKED
NO.			

ORIGINAL	SURVEY	PLOTTED	AREAS CHECKED
NO.			



FILE NAME =	USER NAME = ujellison
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PLOT SCALE = 1/4" = 1' in.	CHECKED - JWR
PLOT DATE = 1/22/2019	DATE - 01-22-19

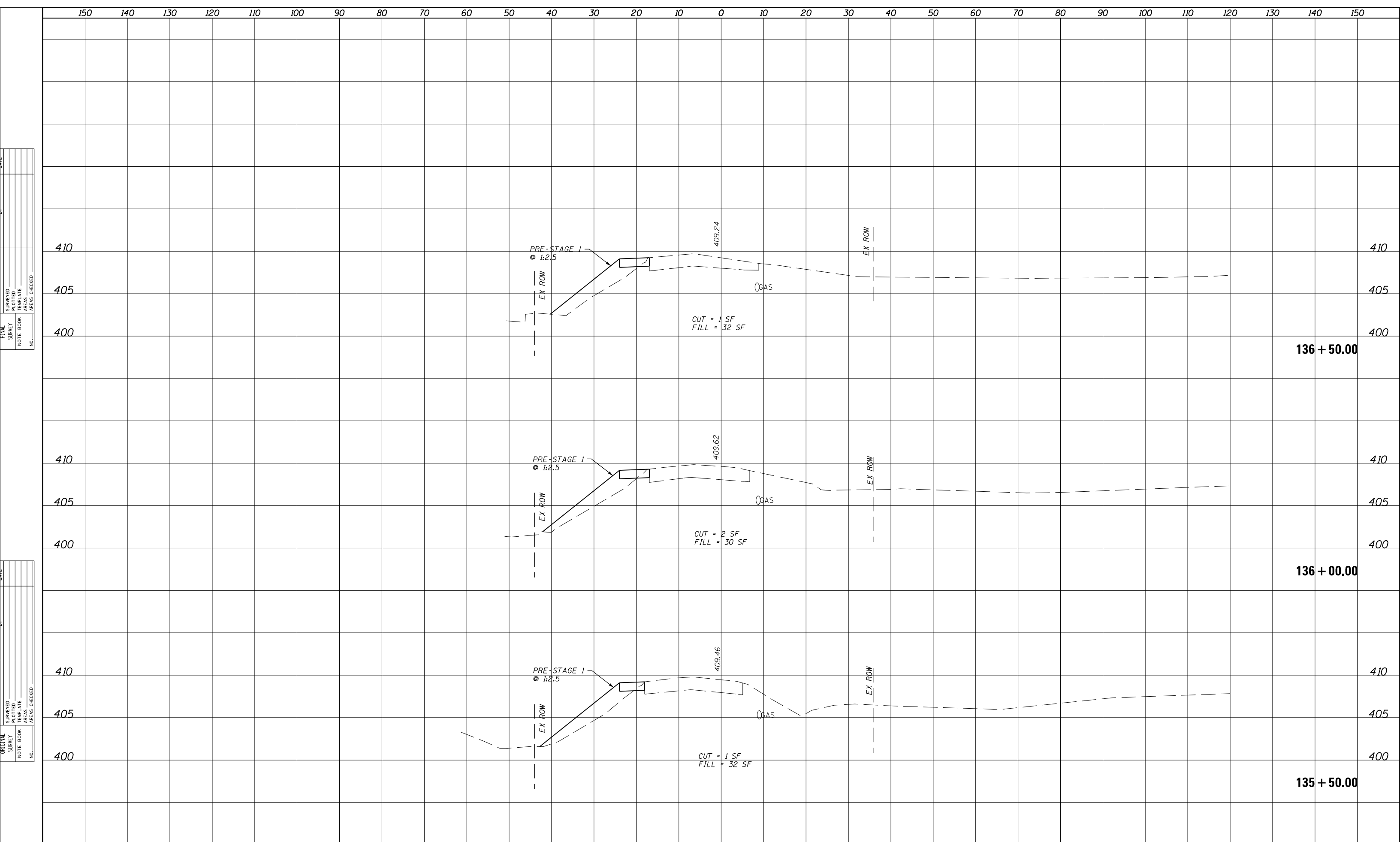
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DRAWN - UJ	REVISED -
CHECKED - JWR	REVISED -
DATE - 01-22-19	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CARGILL ELEVATOR ROAD  
PRE-STAGE 1 CROSS SECTIONS**

SCALE: 1"=10'      SHEET NO. 5 OF 8 SHEETS      STA. 134+00.00 TO STA. 135+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH37	05-00043-00-PV	ST. CLAIR	96	53
CONTRACT NO. 97654			ILLINOIS FED. AID PROJECT	



FINAL	SURVEY	PLOTTED	TEMPLATE	AREAS	CHECKED
NO.					

ORIGINAL	SURVEY	PLOTTED	TEMPLATE	AREAS	CHECKED
NO.					

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 PLOT SCALE = 1/4" = 1' / in.  
 PLOT DATE = 1/22/2019

USER NAME = ujellison  
 DESIGNED - JJC  
 DRAWN - UJ  
 CHECKED - JWR  
 DATE - 01-22-19

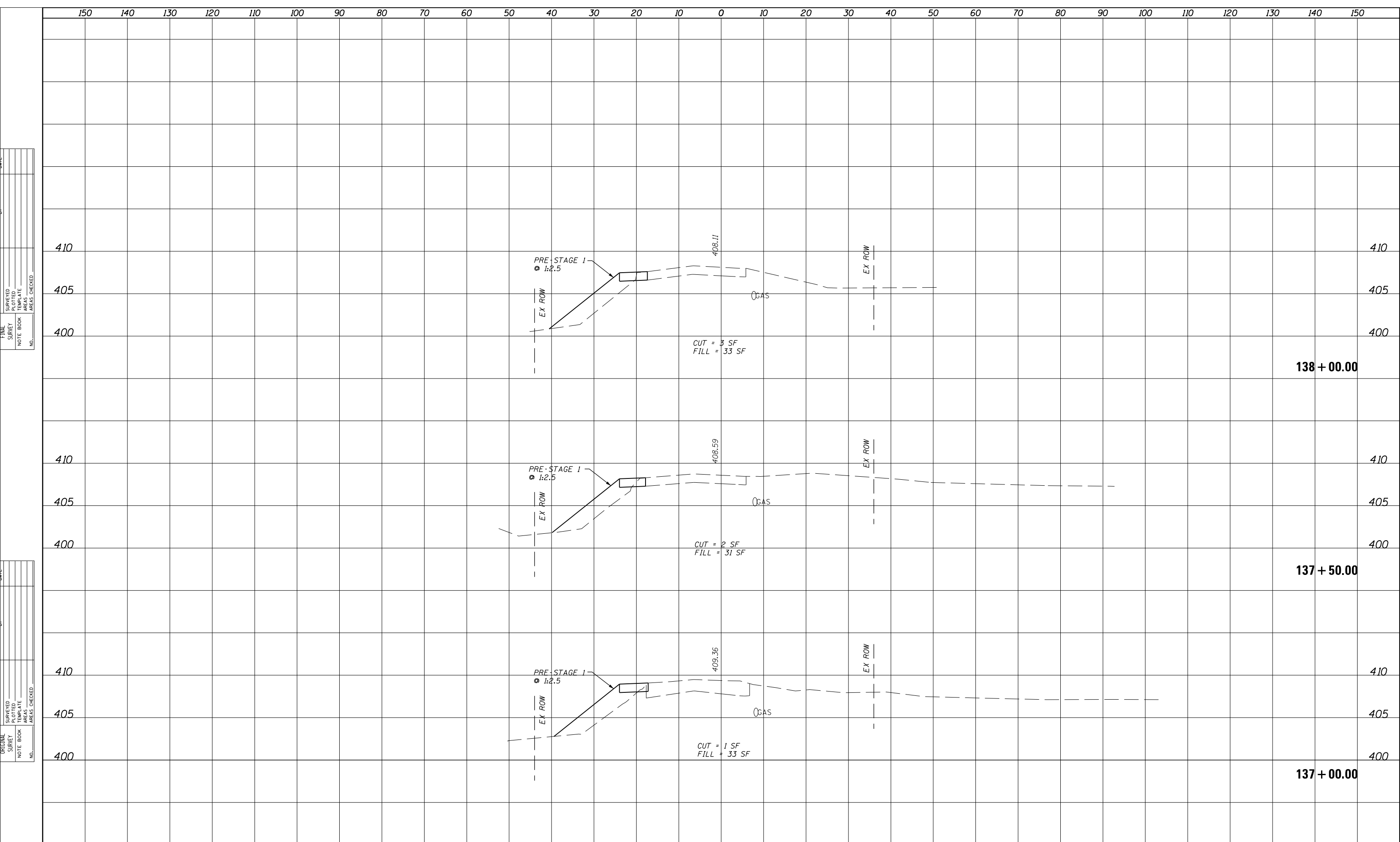
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 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CARGILL ELEVATOR ROAD  
 PRE-STAGE 1 CROSS SECTIONS**

SCALE: 1"=10'    SHEET NO. 6 OF 8 SHEETS    STA. 135+50.00 TO STA. 136+50.00

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH37	05-00043-00-PV	ST. CLAIR	96	54
CONTRACT NO. 97654				
ILLINOIS FED. AID PROJECT				



FINAL
SURVEY
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
NO.

ORIGINAL
SURVEY
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
NO.

FILE NAME =	USER NAME = ujellison
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	DRAWN - UJ
PLOT SCALE = 1/4" = 10' / in.	CHECKED - JWR
PLOT DATE = 1/22/2019	DATE - 01-22-19

DESIGNED - JJC	REVISED -
DRAWN - UJ	REVISED -
CHECKED - JWR	REVISED -
DATE - 01-22-19	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CARGILL ELEVATOR ROAD  
PRE-STAGE 1 CROSS SECTIONS**

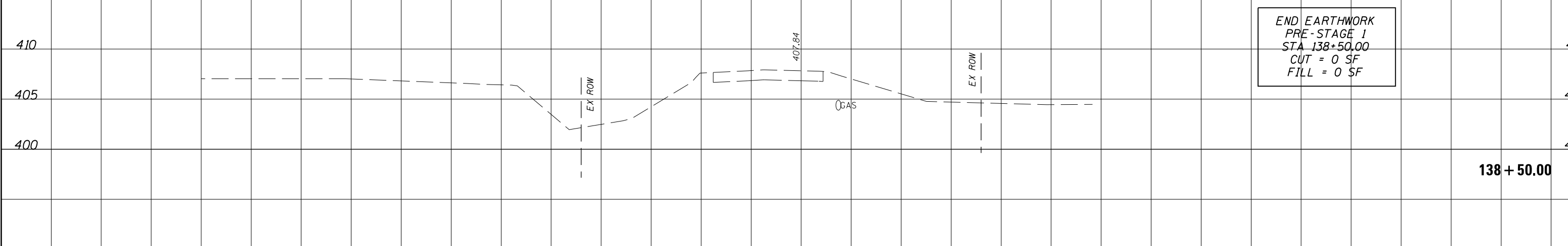
SCALE: 1"=10'    SHEET NO. 7 OF 8 SHEETS    STA. 137+00.00 TO STA. 138+00.00

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH37	05-00043-00-PV	ST. CLAIR	96	55
CONTRACT NO. 97654			ILLINOIS FED. AID PROJECT	

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

FINAL	
SURVEY	
NOTE BOOK	
NO.	

ORIGINAL	
SURVEY	
NOTE BOOK	
NO.	



END EARTHWORK  
PRE-STAGE 1  
STA 138+50.00  
CUT = 0 SF  
FILL = 0 SF

FILE NAME =	X:\Projects\Current\190-0917.Cargill.Rd\Geopak\sec.cargill.Pre-Stage1.dgn
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PLOT DATE =	1/22/2019

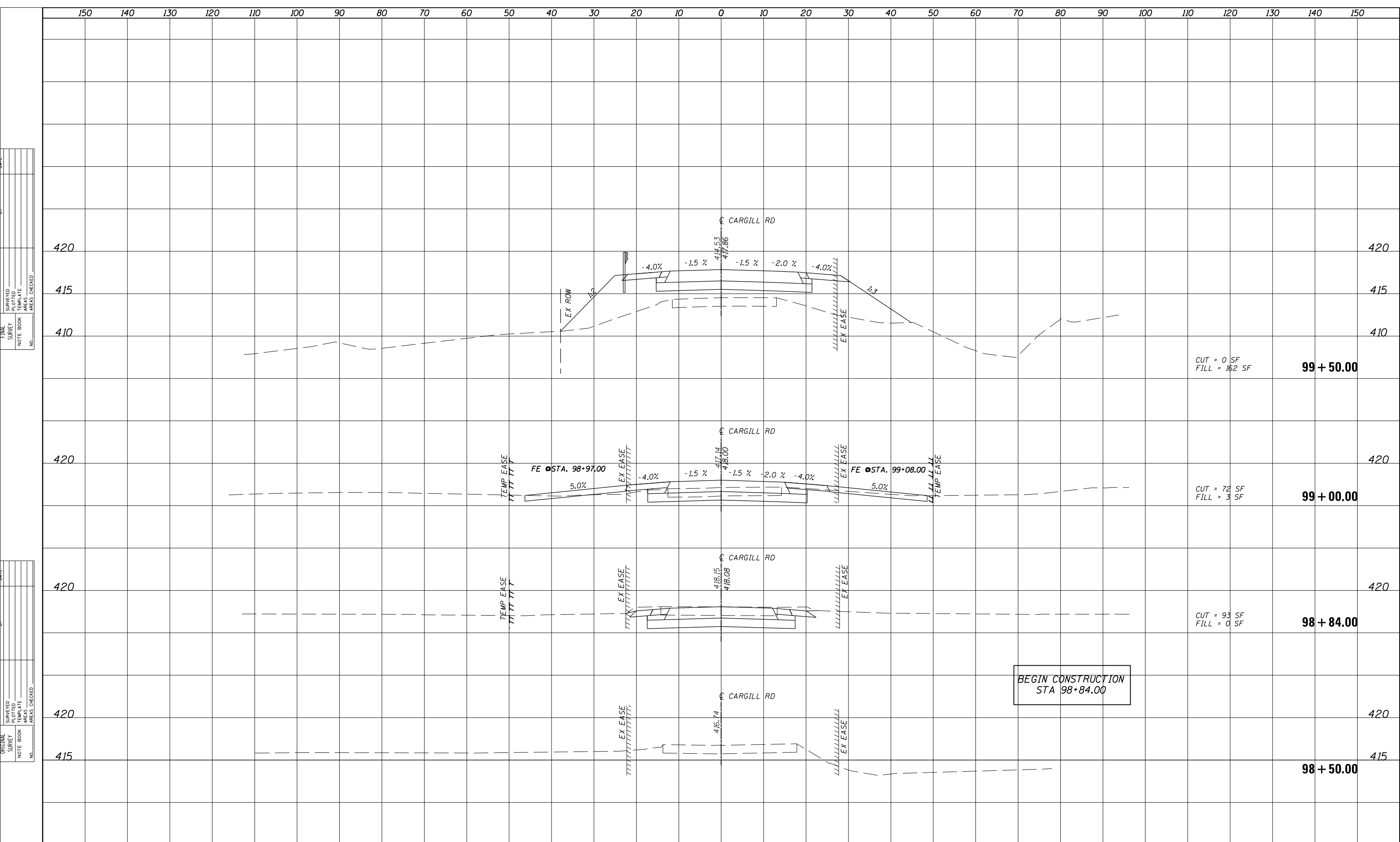
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		DRAWN -	UJ	REVISED -	
		CHECKED -	JWR	REVISED -	
		DATE -	01-22-19	REVISED -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CARGILL ELEVATOR ROAD  
PRE-STAGE 1 CROSS SECTIONS**

SCALE: 1"=10'      SHEET NO. 8 OF 8 SHEETS      STA. 138+50.00 TO STA. 138+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH37	05-00043-00-PV	ST. CLAIR	96	56
CONTRACT NO. 97654			ILLINOIS FED. AID PROJECT	



FINAL	SURVEY	PLOTTED	TEMPLATE	AREAS	CHECKED
NO.					

ORIGINAL	SURVEY	PLOTTED	TEMPLATE	AREAS	CHECKED
NO.					

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 USER NAME = ujellison  
 PLOT SCALE = 1/4" = 1' / in.  
 PLOT DATE = 1/22/2019

DESIGNED - JJC  
 DRAWN - TWC  
 CHECKED - JWR  
 DATE - 01-22-19

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

CARGILL ELEVATOR ROAD  
 CROSS SECTIONS

SCALE: SHEET NO. 1 OF 40 SHEETS STA. 98+50.00 TO STA. 99+50.00

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH37	05-00043-00-PV	ST. CLAIR	96	57
CONTRACT NO. 97654				
ILLINOIS FED. AID PROJECT				

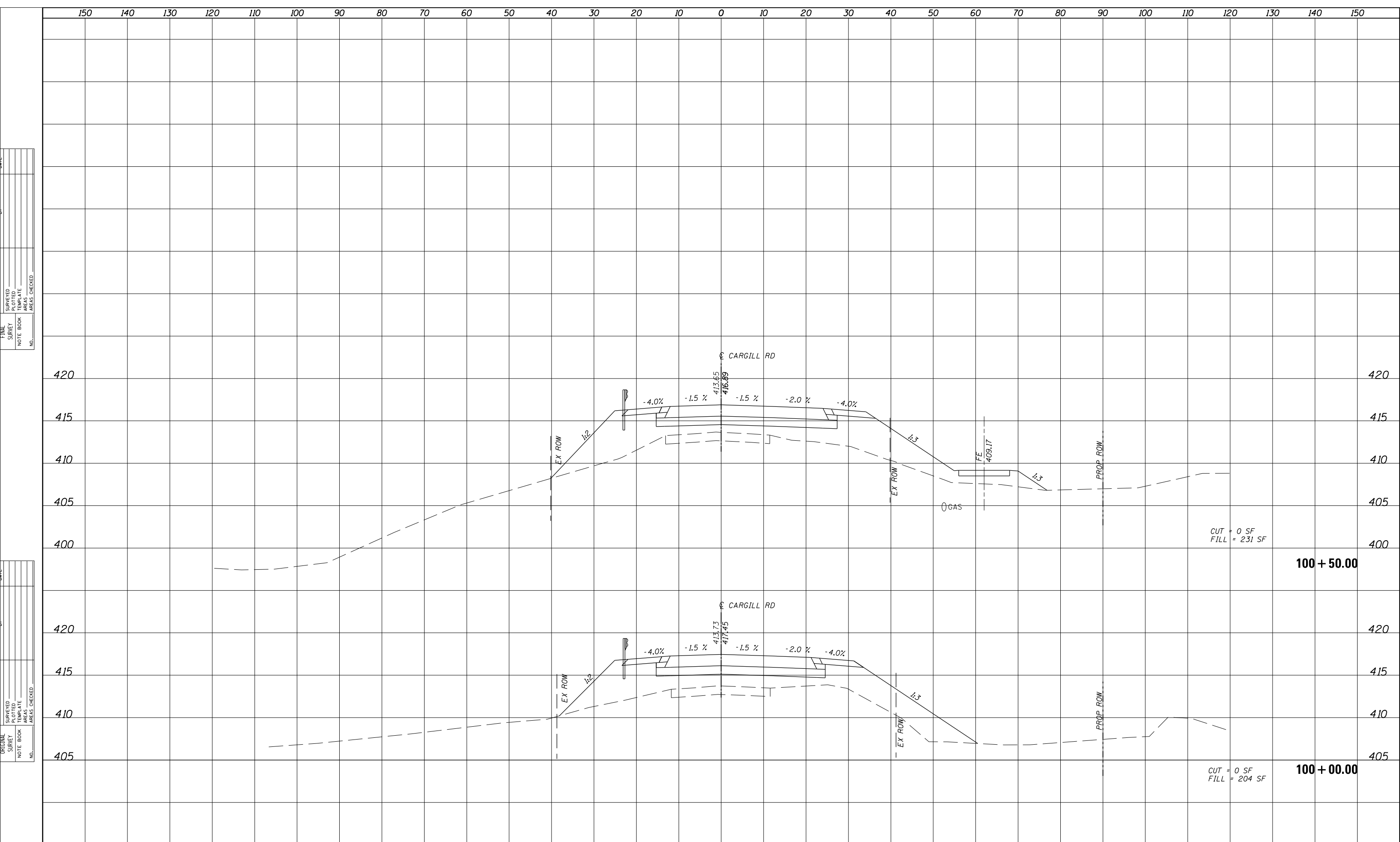
CUT = 0 SF  
 FILL = 162 SF  
 99 + 50.00

CUT = 72 SF  
 FILL = 3 SF  
 99 + 00.00

CUT = 93 SF  
 FILL = 0 SF  
 98 + 84.00

98 + 50.00

BEGIN CONSTRUCTION  
 STA 98+84.00



NO.	
AREAS CHECKED	
AREAS	
TEMPLATE	
PLOTTED	
SURVEY	
FINAL	

NO.	
AREAS CHECKED	
AREAS	
TEMPLATE	
PLOTTED	
SURVEY	
ORIGINAL	

FILE NAME = X:\Projects\Current\190-0917.Cargill.Rd\Geopak\sec.cargill.dgn  
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 PLOT DATE = 1/22/2019

DESIGNED - JJC  
 DRAWN - TWC  
 CHECKED - JWR  
 DATE - 01-22-19

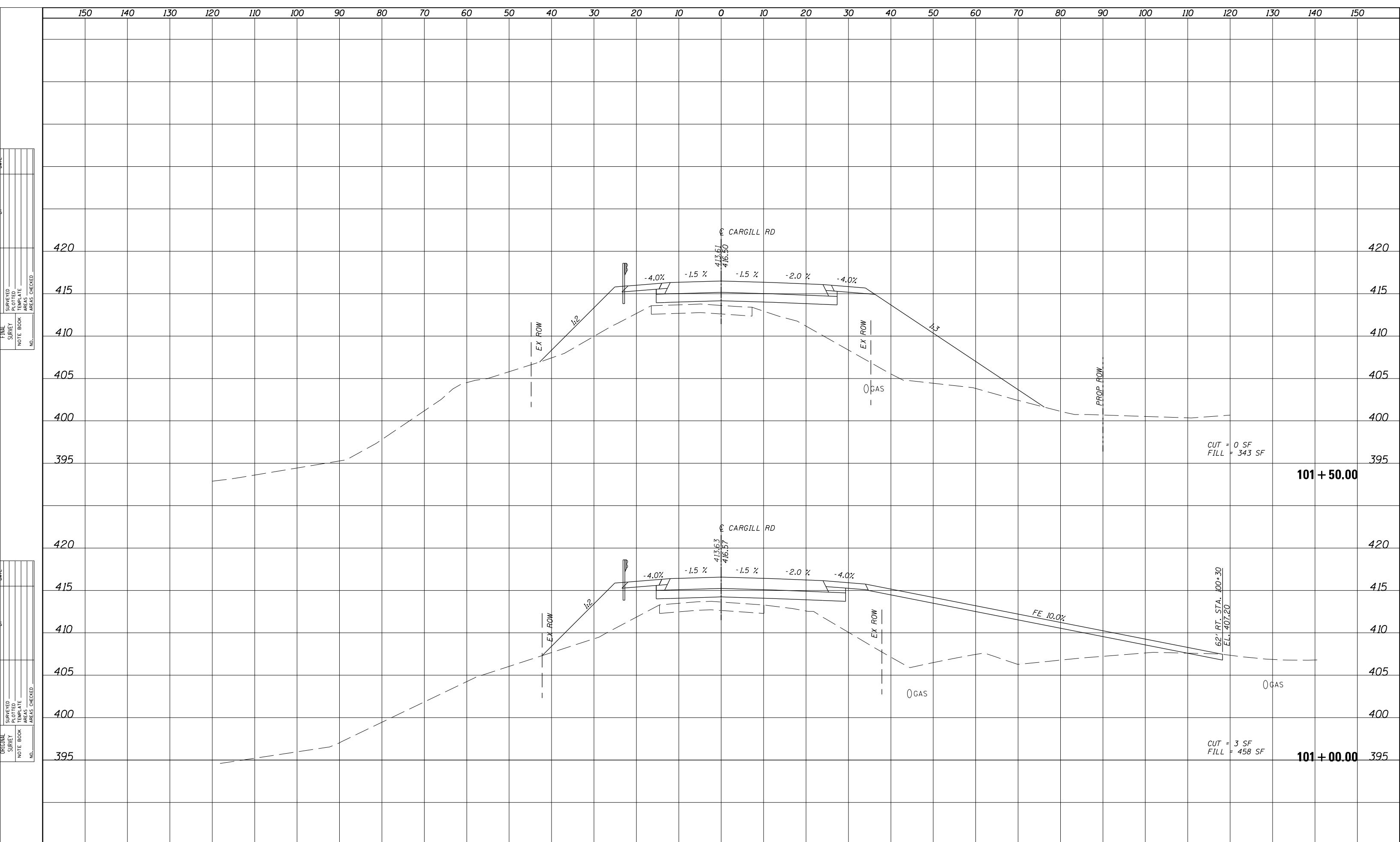
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 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CARGILL ELEVATOR ROAD  
 CROSS SECTIONS**

SCALE: SHEET NO. 2 OF 40 SHEETS STA. 100+00.00 TO STA. 100+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH37	05-00043-00-PV	ST. CLAIR	96	58
CONTRACT NO. 97654				
ILLINOIS FED. AID PROJECT				



DATE	
NO.	
AREAS CHECKED	
AREAS	
TEMPLATE	
NOTE BOOK	
SURVEY	
FINAL	

DATE	
NO.	
AREAS CHECKED	
AREAS	
TEMPLATE	
NOTE BOOK	
SURVEY	
ORIGINAL	

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 PLOT DATE = 1/22/2019

DESIGNED - JJC  
 DRAWN - TWC  
 CHECKED - JWR  
 DATE - 01-22-19

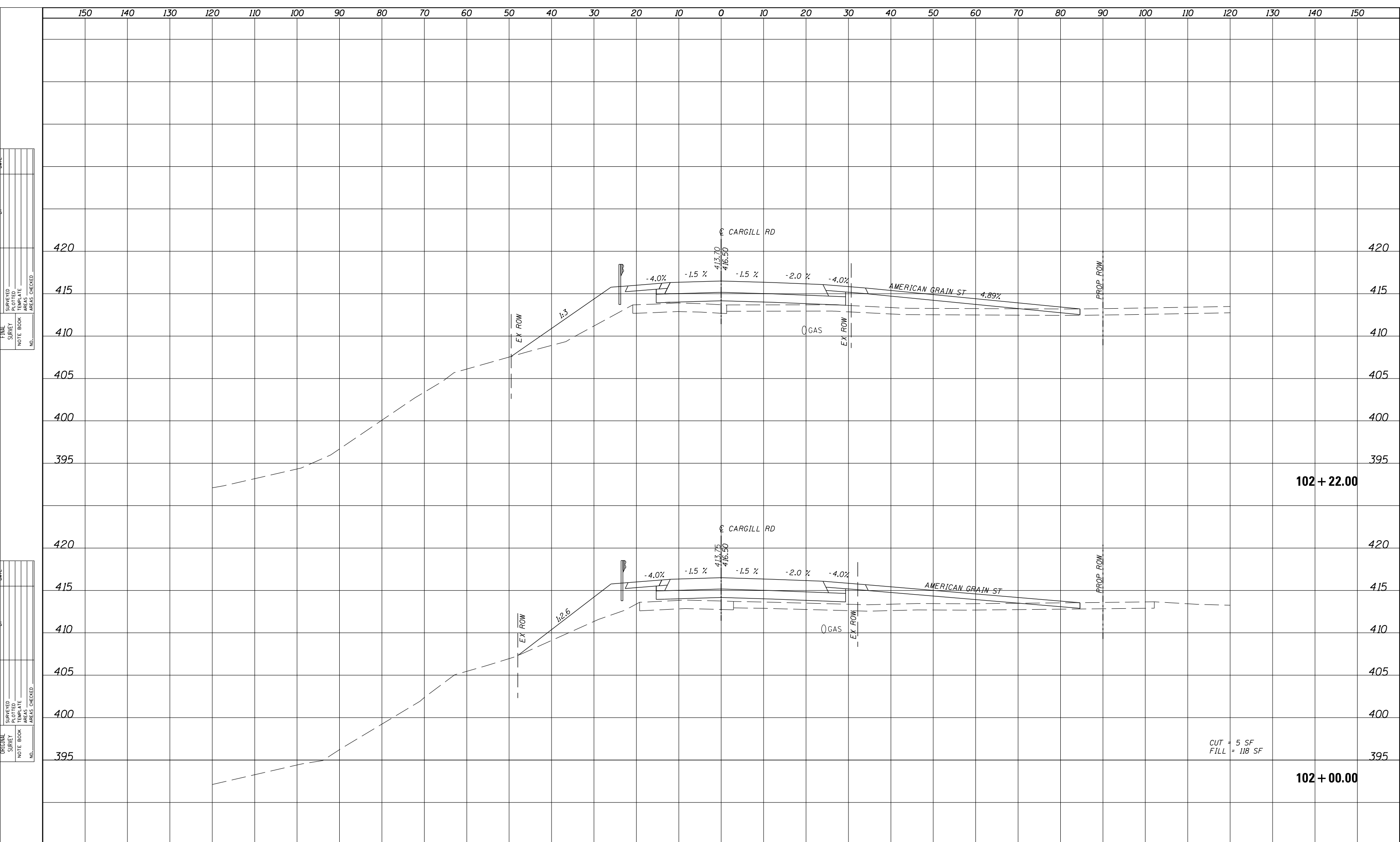
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 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CARGILL ELEVATOR ROAD  
 CROSS SECTIONS**

SCALE: SHEET NO. 3 OF 40 SHEETS STA. 101+00.00 TO STA. 101+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH37	05-00043-00-PV	ST. CLAIR	96	59
CONTRACT NO. 97654				
ILLINOIS FED. AID PROJECT				



FINAL	SURVEY	PLOTTED	AREAS CHECKED
NO.	NO.	NO.	NO.

ORIGINAL	SURVEY	PLOTTED	AREAS CHECKED
NO.	NO.	NO.	NO.

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 PLOT SCALE = 1/4" = 1' / in.  
 PLOT DATE = 1/22/2019

DESIGNED - JJC  
 DRAWN - TWC  
 CHECKED - JWR  
 DATE - 01-22-19

REVISED -  
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CARGILL ELEVATOR ROAD  
 CROSS SECTIONS**

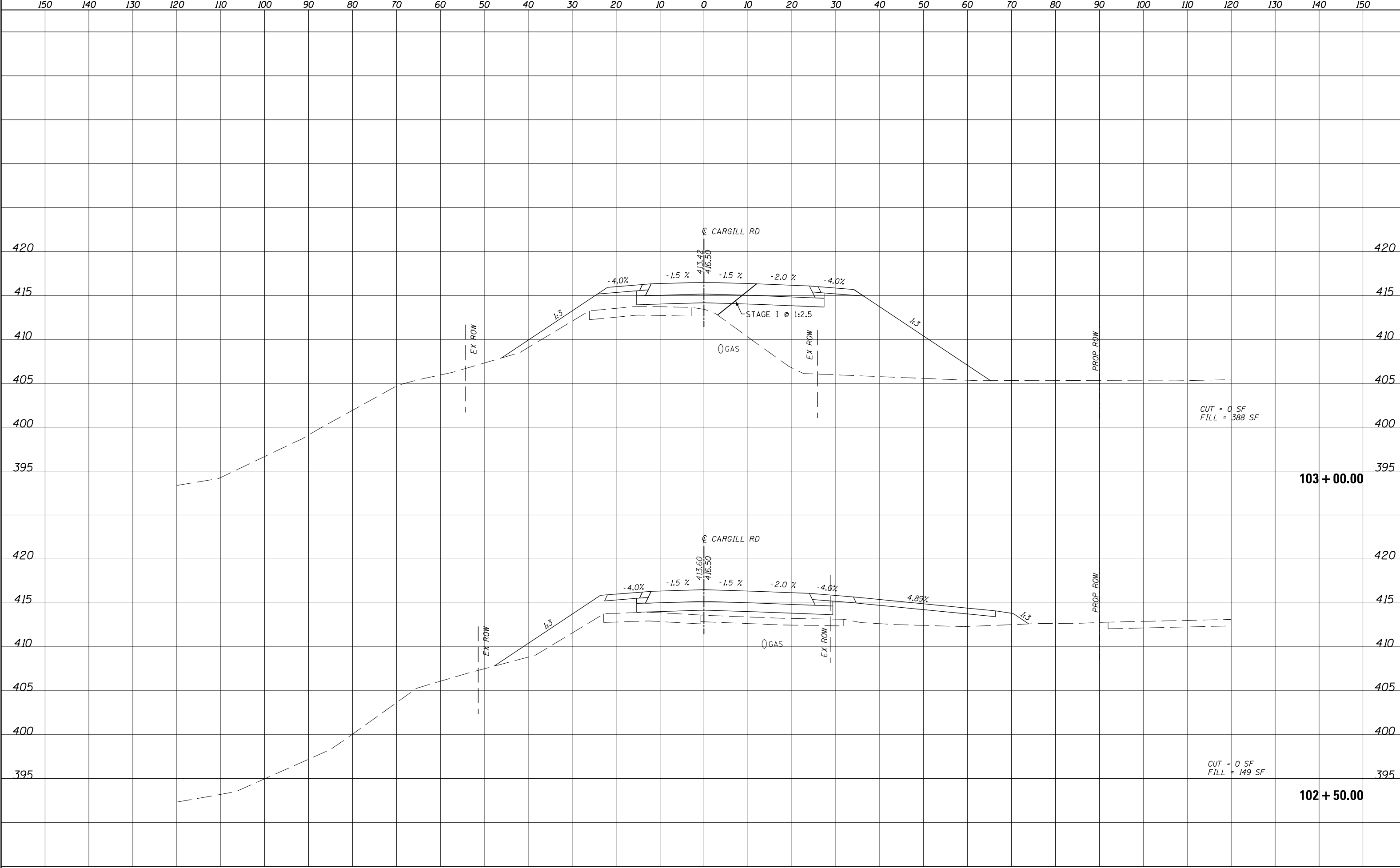
SCALE: SHEET NO. 4 OF 40 SHEETS STA. 102+00.00 TO STA. 102+22.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH37	05-00043-00-PV	ST. CLAIR	96	60
CONTRACT NO. 97654				
ILLINOIS FED. AID PROJECT				



FINAL	SURVEY	PLOTTED	AREAS CHECKED
NO.			

ORIGINAL	SURVEY	PLOTTED	AREAS CHECKED
NO.			



FILE NAME =	USER NAME = ujellison
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	DRAWN - TWC
PLOT SCALE = 1/4" = 1' / in.	CHECKED - JWR
PLOT DATE = 1/22/2019	DATE - 01-22-19

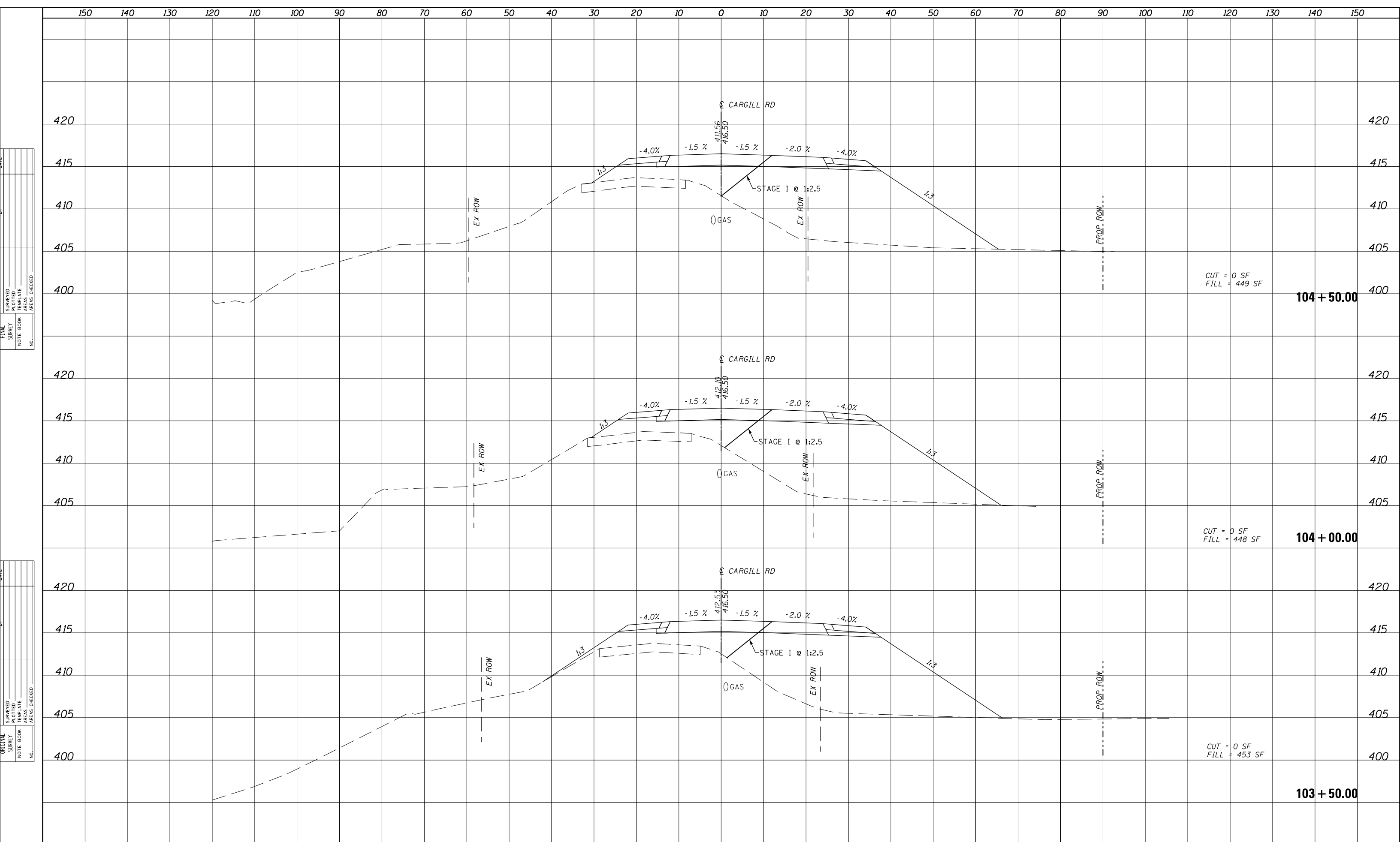
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DRAWN - TWC	REVISED -
CHECKED - JWR	REVISED -
DATE - 01-22-19	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CARGILL ELEVATOR ROAD  
CROSS SECTIONS**

SCALE: SHEET NO. 5 OF 40 SHEETS STA. 102+50.00 TO STA. 103+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH37	05-00043-00-PV	ST. CLAIR	96	61
CONTRACT NO. 97654			ILLINOIS FED. AID PROJECT	



FINAL	SURVEY	PLOTTED	TEMPLATE	AREAS CHECKED
NO.				

ORIGINAL	SURVEY	PLOTTED	TEMPLATE	AREAS CHECKED
NO.				

FILE NAME =	USER NAME = ujellison	DESIGNED - JJC	REVISED -
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PLOT SCALE = 1/4" = 1' / in.		CHECKED - JWR	REVISED -
PLOT DATE = 1/22/2019		DATE - 01-22-19	REVISED -

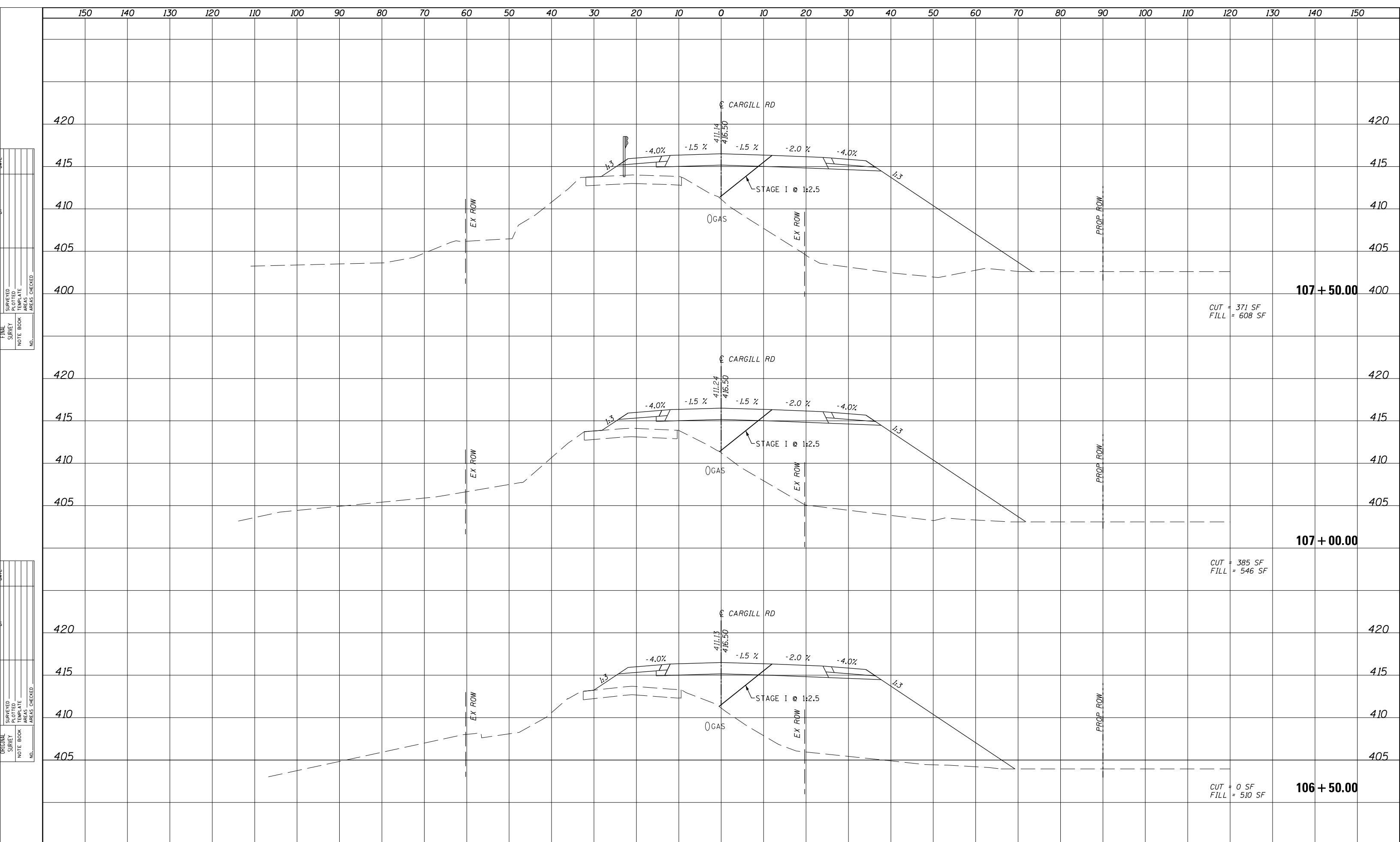
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DRAWN - TWC	REVISED -
CHECKED - JWR	REVISED -
DATE - 01-22-19	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>CARGILL ELEVATOR ROAD CROSS SECTIONS</b>	
SCALE:	SHEET NO. 6 OF 40 SHEETS STA. 103+50.00 TO STA. 104+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH37	05-00043-00-PV	ST. CLAIR	96	62
CONTRACT NO. 97654				
ILLINOIS FED. AID PROJECT				





FINAL	SURVEY	PLOTTED	TEMPLATE	AREAS	CHECKED
NO.					

ORIGINAL	SURVEY	PLOTTED	TEMPLATE	AREAS	CHECKED
NO.					

FILE NAME = X:\Projects\Current\190-0917-Cargill.Rd\Geopak\sec.cargill.dgn  
 USER NAME = ujellison  
 PLOT SCALE = 1/4" = 1' / in.  
 PLOT DATE = 1/22/2019

DESIGNED - JJC  
 DRAWN - TWC  
 CHECKED - JWR  
 DATE - 01-22-19

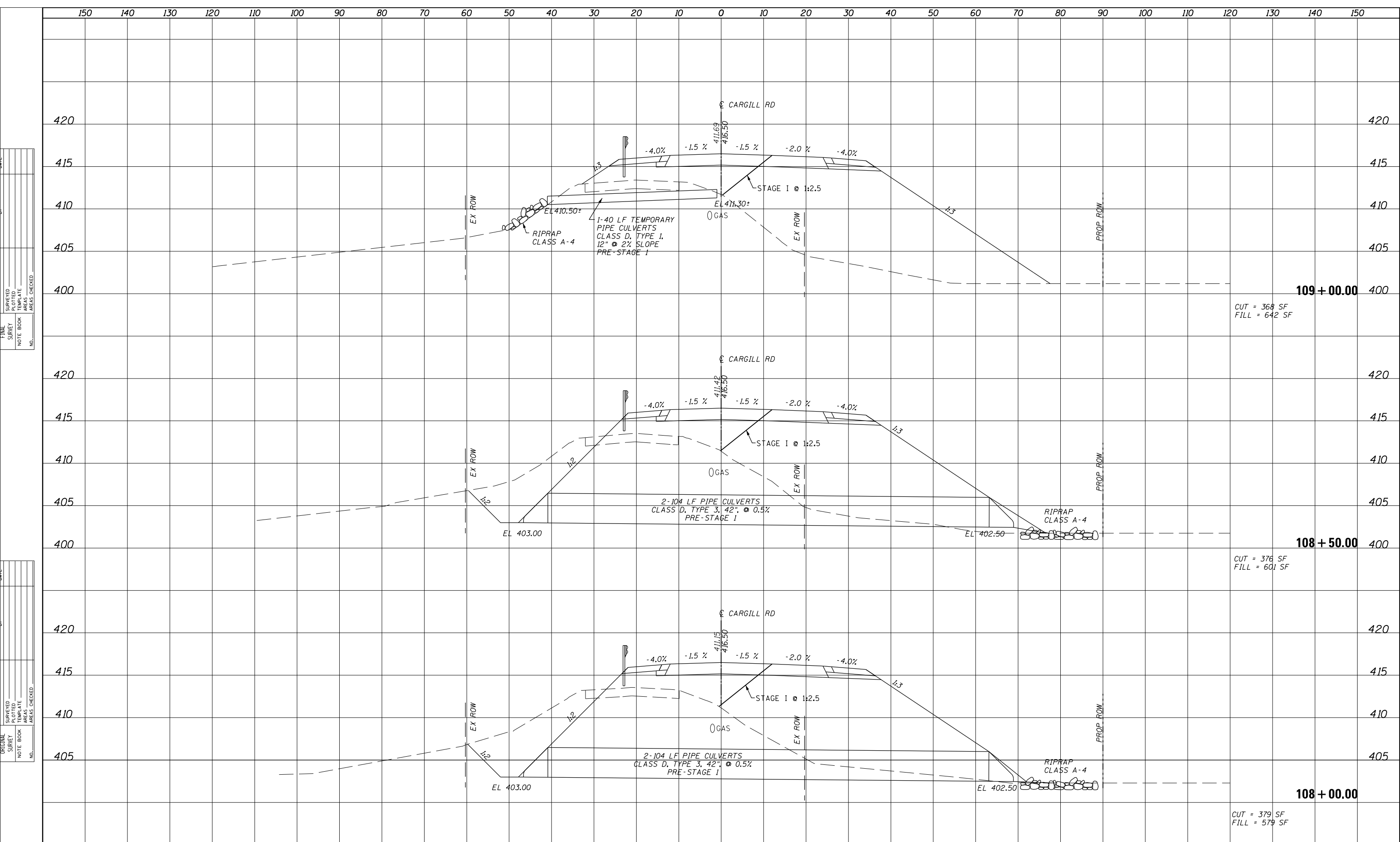
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 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CARGILL ELEVATOR ROAD  
 CROSS SECTIONS**

SCALE: SHEET NO. 8 OF 40 SHEETS STA. 106+50.00 TO STA. 107+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH37	05-00043-00-PV	ST. CLAIR	96	64
CONTRACT NO. 97654				
ILLINOIS FED. AID PROJECT				



FINAL
SURVEY
PLOTTED
TEMPLATE
AREAS
CHECKED
NO.

ORIGINAL
SURVEY
PLOTTED
TEMPLATE
AREAS
CHECKED
NO.

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USER NAME =	ujellison
PLOT SCALE =	1/4" = 1' / in.
PLOT DATE =	1/22/2019

DESIGNED -	JJC
DRAWN -	TWC
CHECKED -	JWR
DATE -	01-22-19

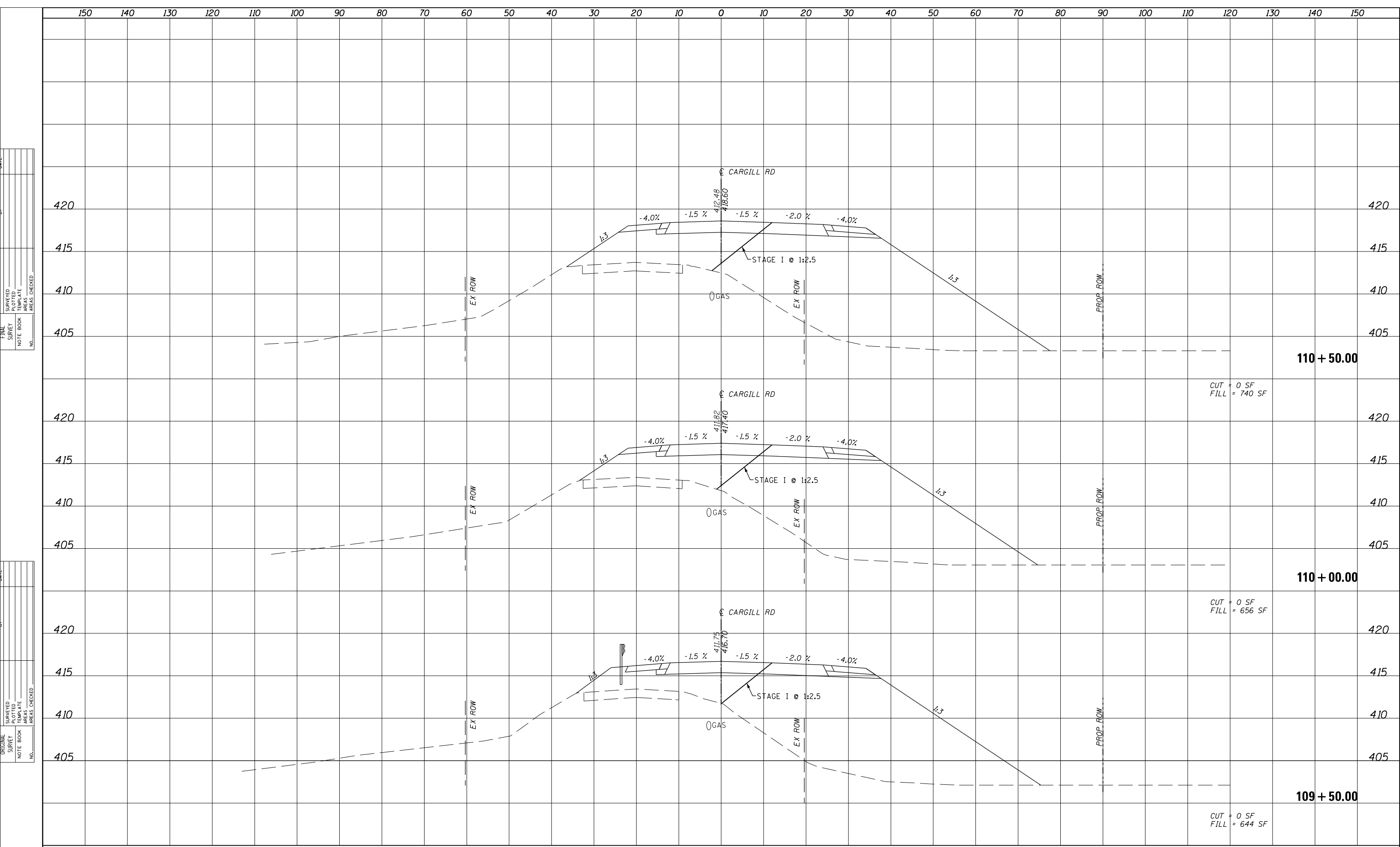
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REVISED -	
REVISED -	
REVISED -	

DESIGNED -	JJC
DRAWN -	TWC
CHECKED -	JWR
DATE -	01-22-19

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCALE:	SHEET NO. 9 OF 40 SHEETS	STA. 108+00.00 TO STA. 109+00.00
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F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH37	05-00043-00-PV	ST CLAIR	96	65
				CONTRACT NO. 97654
ILLINOIS FED. AID PROJECT				



FINAL	SURVEY	PLOTTED	AREAS CHECKED
NO.	NO.	NO.	NO.

ORIGINAL	SURVEY	PLOTTED	AREAS CHECKED
NO.	NO.	NO.	NO.

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 PLOT DATE = 1/22/2019

DESIGNED - JJC  
 DRAWN - TWC  
 CHECKED - JWR  
 DATE - 01-22-19

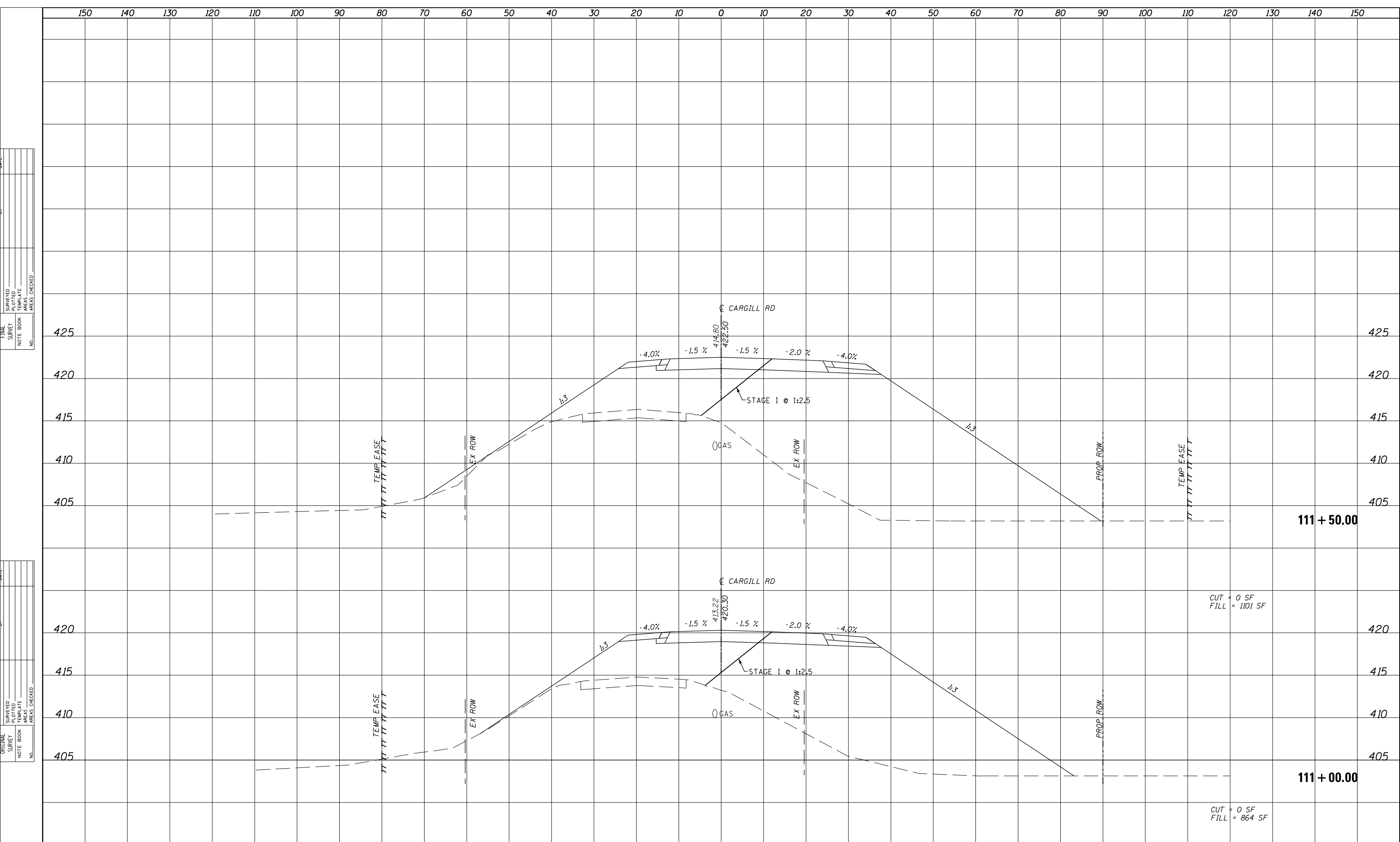
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CARGILL ELEVATOR ROAD  
 CROSS SECTIONS**

SCALE: SHEET NO. 10 OF 40 SHEETS STA. 109+50.00 TO STA. 110+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH37	05-00043-00-PV	ST. CLAIR	96	66
CONTRACT NO. 97654				
ILLINOIS FED. AID PROJECT				



FINAL	SURVEY	PLOTTED	TEMPLATE	AREAS	CHECKED
NO.					

ORIGINAL	SURVEY	PLOTTED	TEMPLATE	AREAS	CHECKED
NO.					

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USER NAME = ujellison  
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 PLOT DATE = 1/22/2019

DESIGNED - JJC  
 DRAWN - TWC  
 CHECKED - JWR  
 DATE - 01-22-19

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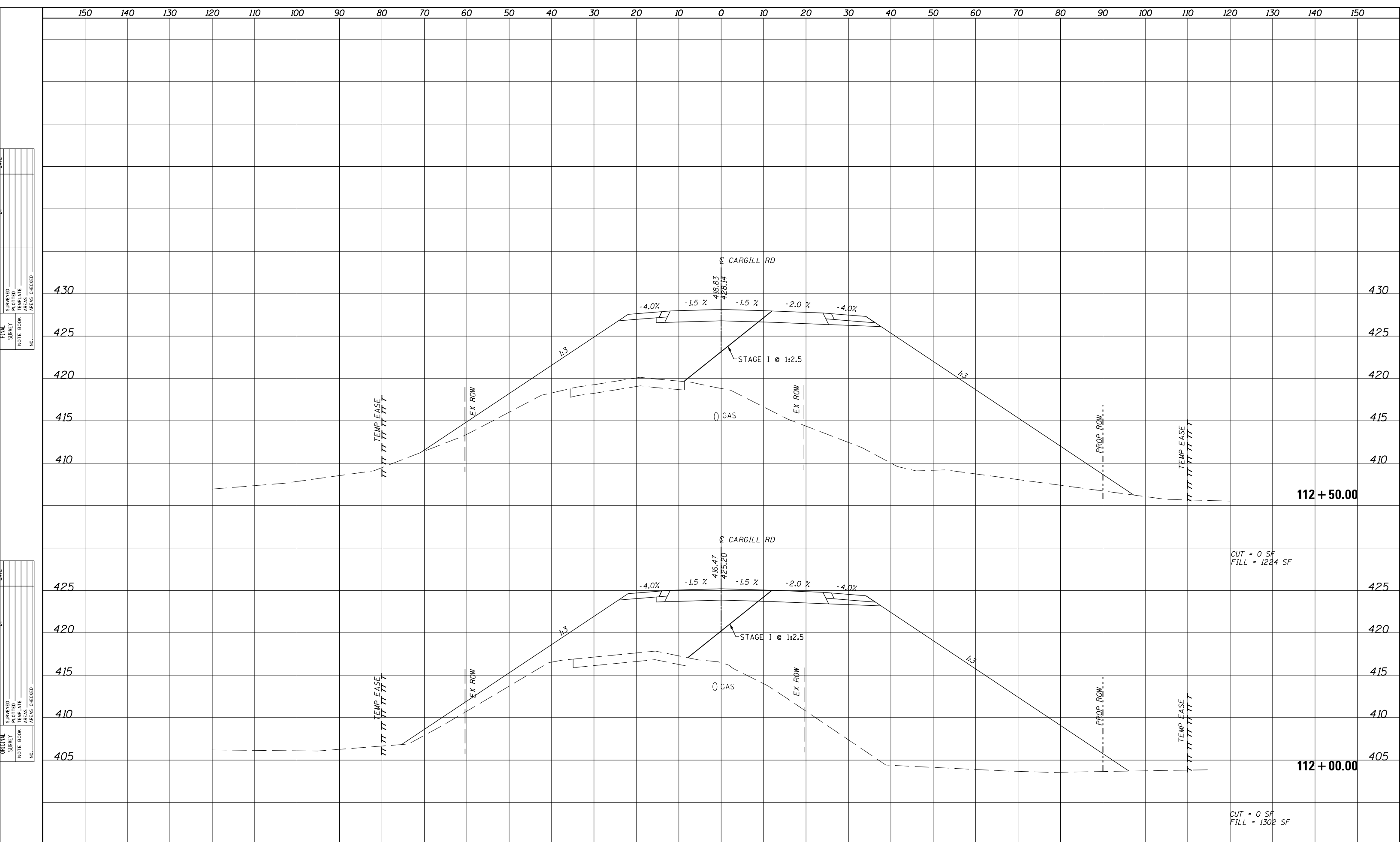
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CARGILL ELEVATOR ROAD  
 CROSS SECTIONS**

SCALE: SHEET NO. 11 OF 40 SHEETS STA. 111+00.00 TO STA. 111+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH37	05-00043-00-PV	ST. CLAIR	96	67
CONTRACT NO. 97654				
ILLINOIS FED. AID PROJECT				





FINAL	SURVEY	PLOTTED	TEMPLATE	AREAS	CHECKED
NO.					

ORIGINAL	SURVEY	PLOTTED	TEMPLATE	AREAS	CHECKED
NO.					

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 PLOT DATE = 1/22/2019

DESIGNED - JJC  
 DRAWN - TWC  
 CHECKED - JWR  
 DATE - 01-22-19

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

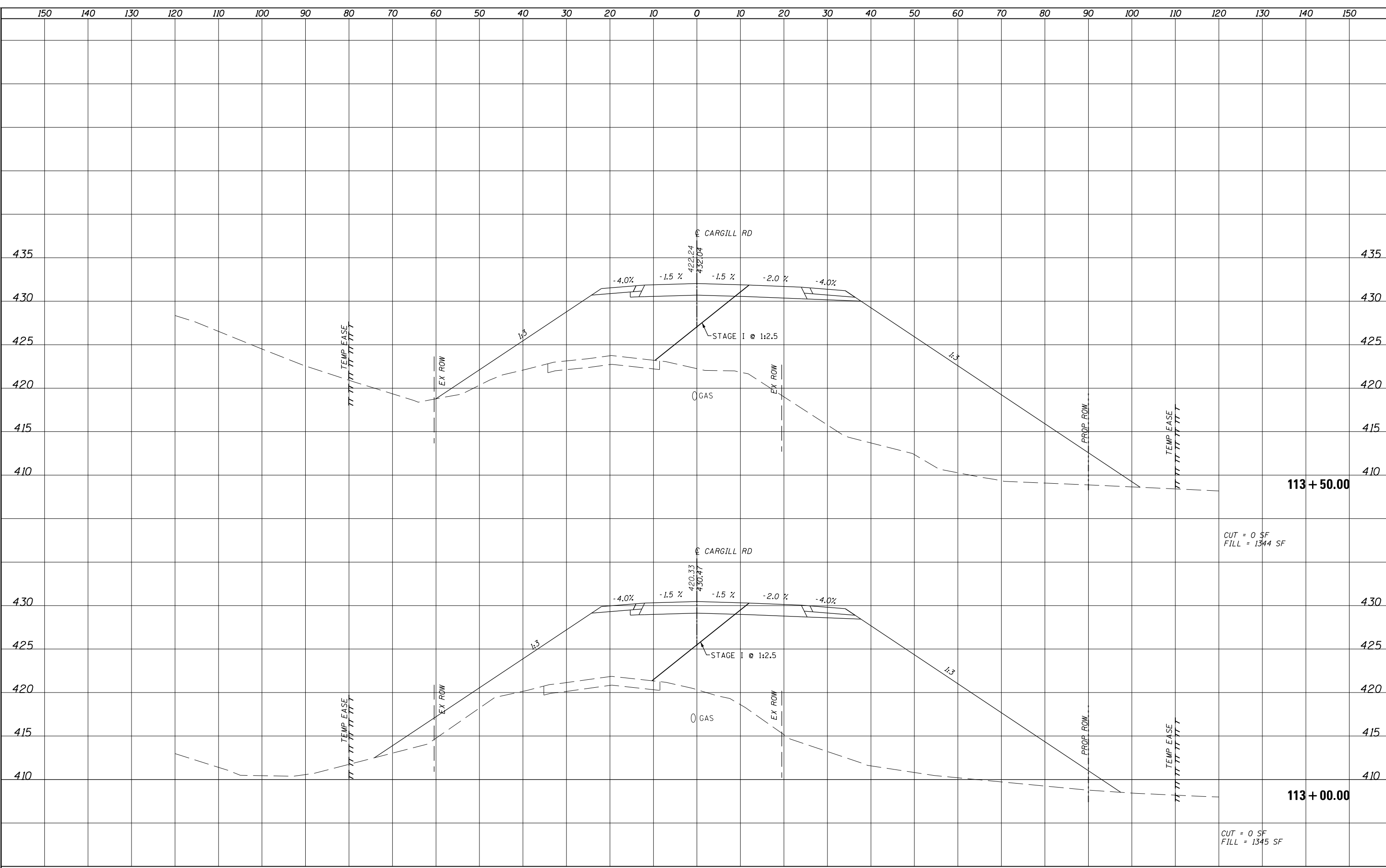
**CARGILL ELEVATOR ROAD  
 CROSS SECTIONS**

SCALE: SHEET NO. 12 OF 40 SHEETS STA. 112+00.00 TO STA. 112+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH37	05-00043-00-PV	ST. CLAIR	96	68
CONTRACT NO. 97654				
ILLINOIS FED. AID PROJECT				

FINAL	SURVEY	PLOTTED	AREAS CHECKED
SURVEY	NOTE BOOK	NO.	

ORIGINAL	SURVEY	PLOTTED	AREAS CHECKED
SURVEY	NOTE BOOK	NO.	



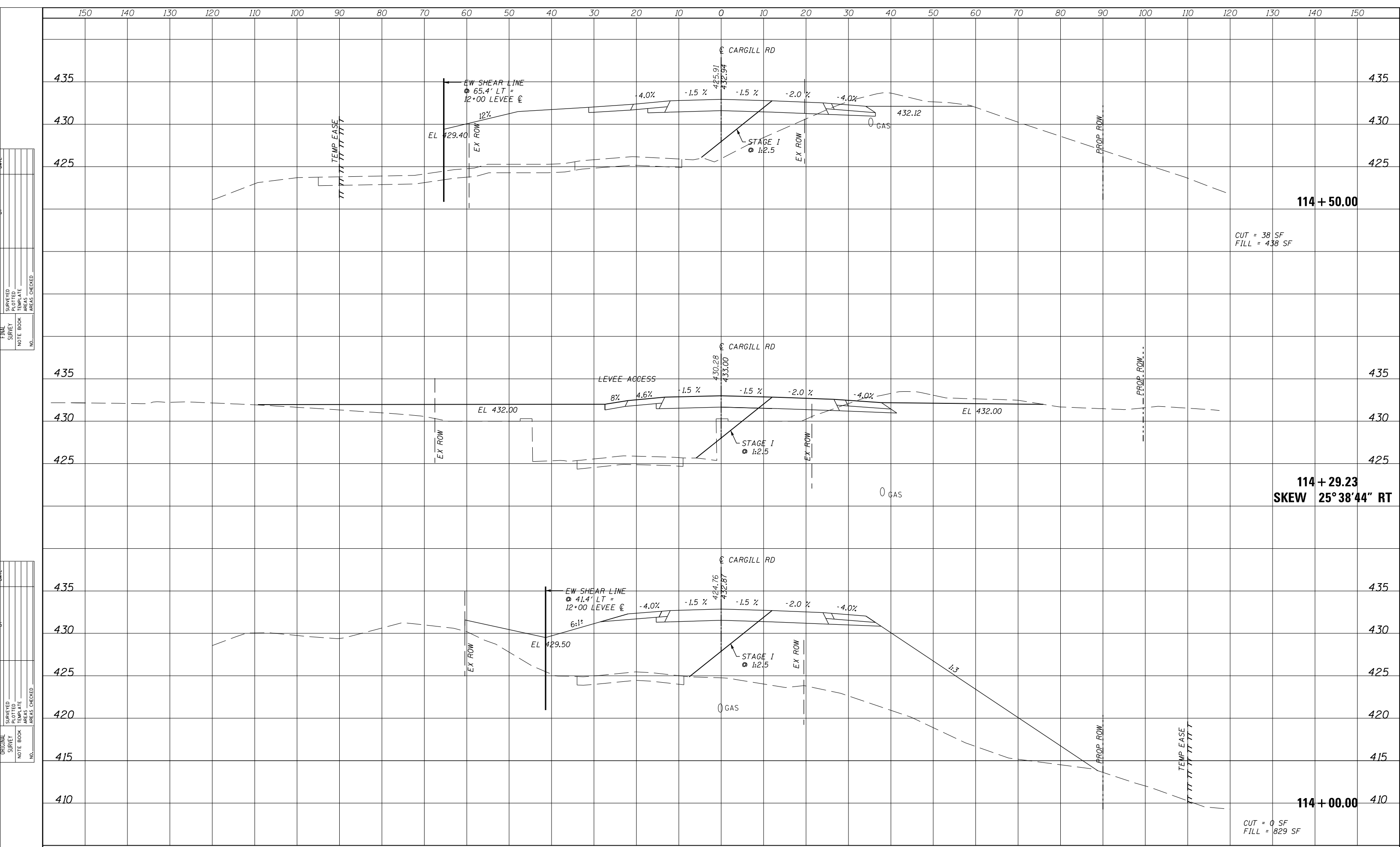
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	DRAWN - TWC
PLOT SCALE = 1/4" = 1' / in.	CHECKED - JWR
PLOT DATE = 1/22/2019	DATE - 01-22-19

DESIGNED - JJC	REVISED -
DRAWN - TWC	REVISED -
CHECKED - JWR	REVISED -
DATE - 01-22-19	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>CARGILL ELEVATOR ROAD CROSS SECTIONS</b>	
SCALE:	SHEET NO. 13 OF 40 SHEETS
STA. 113+00.00	TO STA. 113+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH37	05-00043-00-PV	ST. CLAIR	96	69
CONTRACT NO. 97654				
ILLINOIS FED. AID PROJECT				



CUT = 38 SF  
FILL = 438 SF

114 + 29.23  
SKEW 25° 38' 44" RT

CUT = 0 SF  
FILL = 829 SF

FINAL	SURVEY	PLOTTED	TEMPLATE	AREAS CHECKED
NO.				

ORIGINAL	SURVEY	PLOTTED	TEMPLATE	AREAS CHECKED
NO.				

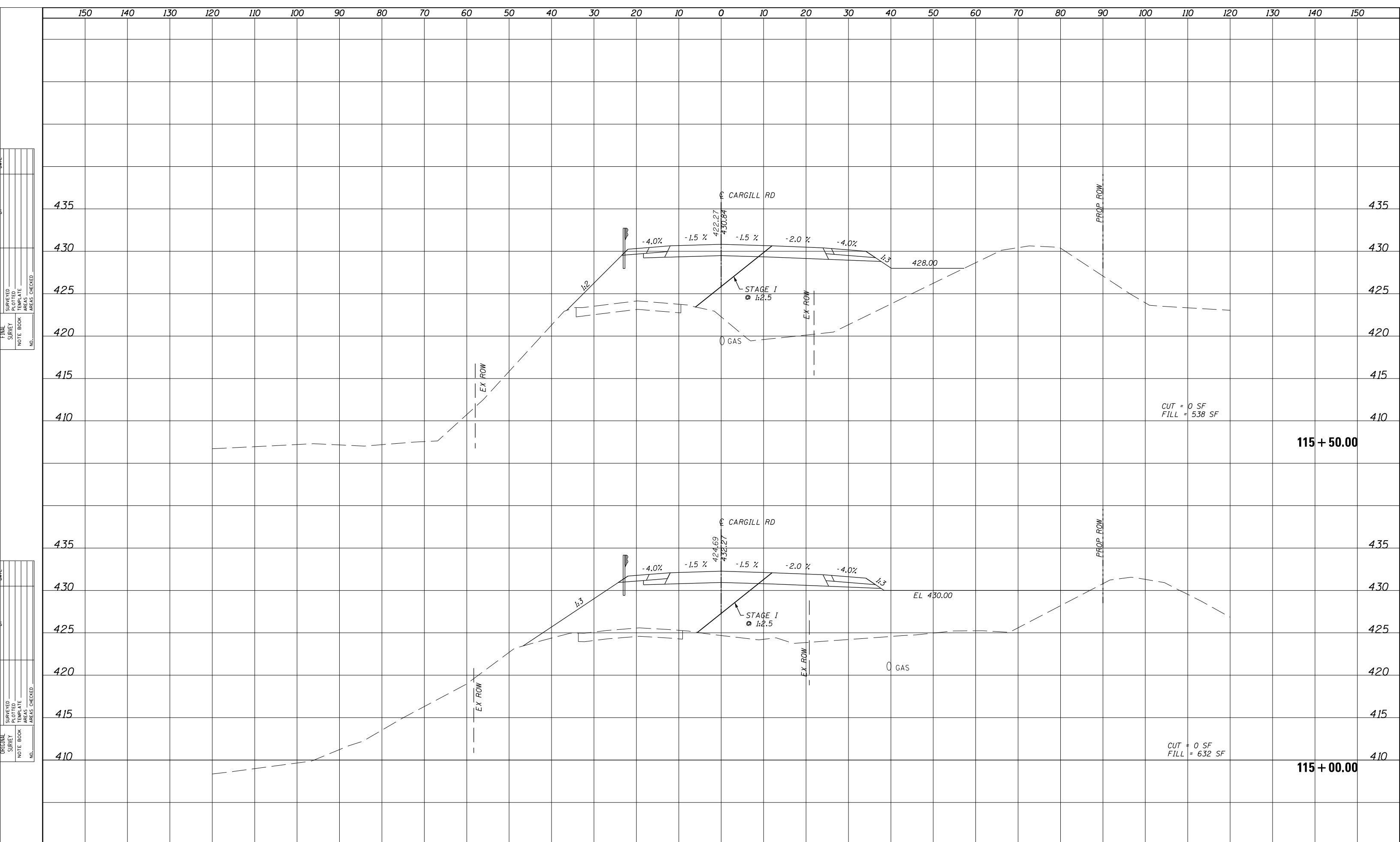
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PLOT DATE = 1/22/2019		DATE - 01-22-19	REVISED -

<b>STATE OF ILLINOIS</b>	
<b>DEPARTMENT OF TRANSPORTATION</b>	

<b>CARGILL ELEVATOR ROAD</b>	
<b>CROSS SECTIONS</b>	
SCALE:	SHEET NO. 14 OF 40 SHEETS
STA. 114+00.00	TO STA. 114+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH37	05-00043-00-PV	ST. CLAIR	96	70
CONTRACT NO. 97654				

ILLINOIS FED. AID PROJECT				
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FINAL	SURVEY	PLOTTED	AREAS CHECKED
NO.	NO.	NO.	NO.

ORIGINAL	SURVEY	PLOTTED	AREAS CHECKED
NO.	NO.	NO.	NO.

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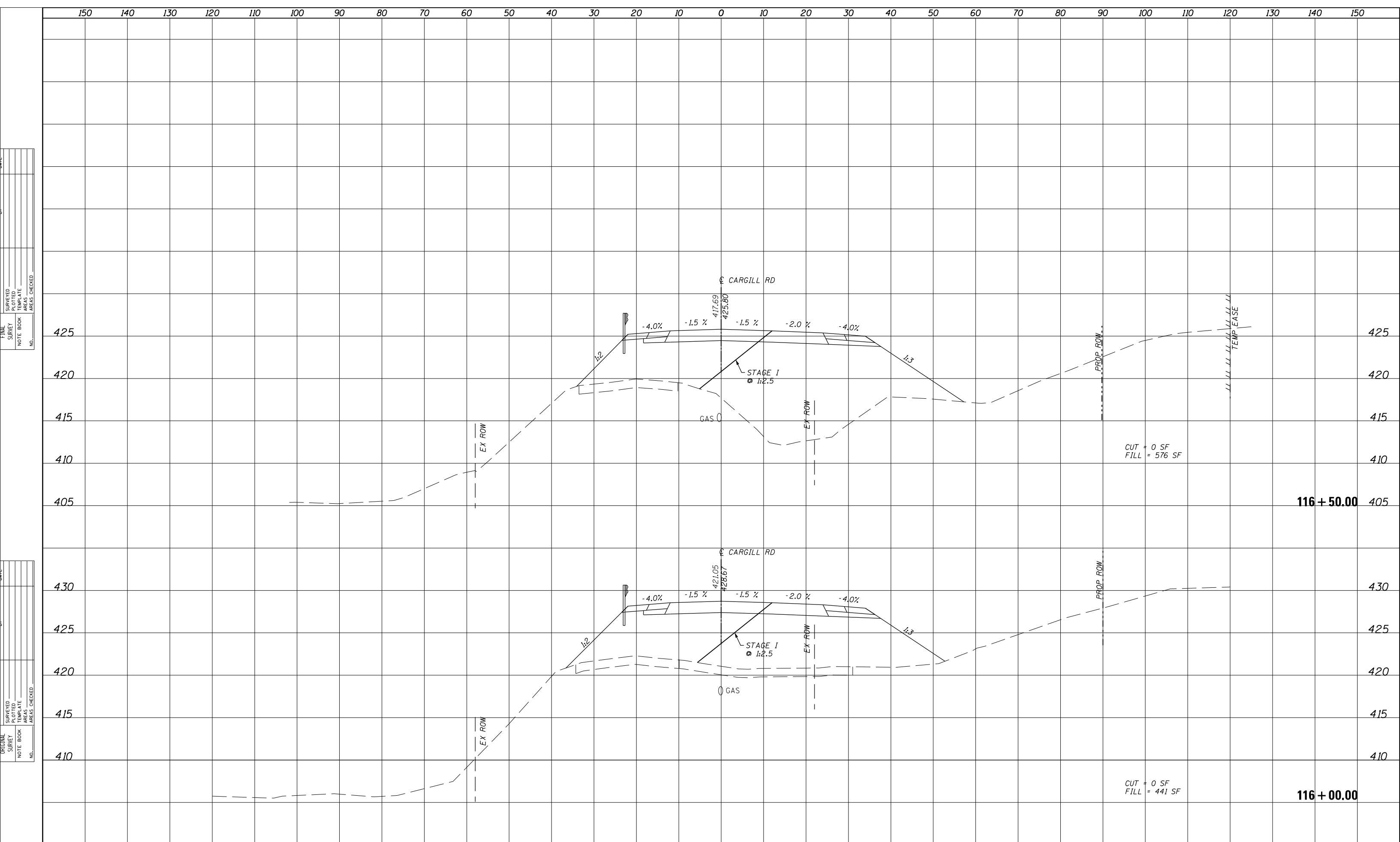
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CARGILL ELEVATOR ROAD  
 CROSS SECTIONS**

SCALE: SHEET NO. 15 OF 40 SHEETS STA. 115+00.00 TO STA. 115+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH37	05-00043-00-PV	ST. CLAIR	96	71
CONTRACT NO. 97654				
ILLINOIS FED. AID PROJECT				



FINAL	SURVEY	PLOTTED	AREAS CHECKED
NO.	NO.	NO.	NO.

ORIGINAL	SURVEY	PLOTTED	AREAS CHECKED
NO.	NO.	NO.	NO.

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 DRAWN - UJ  
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 DATE - 01-22-19

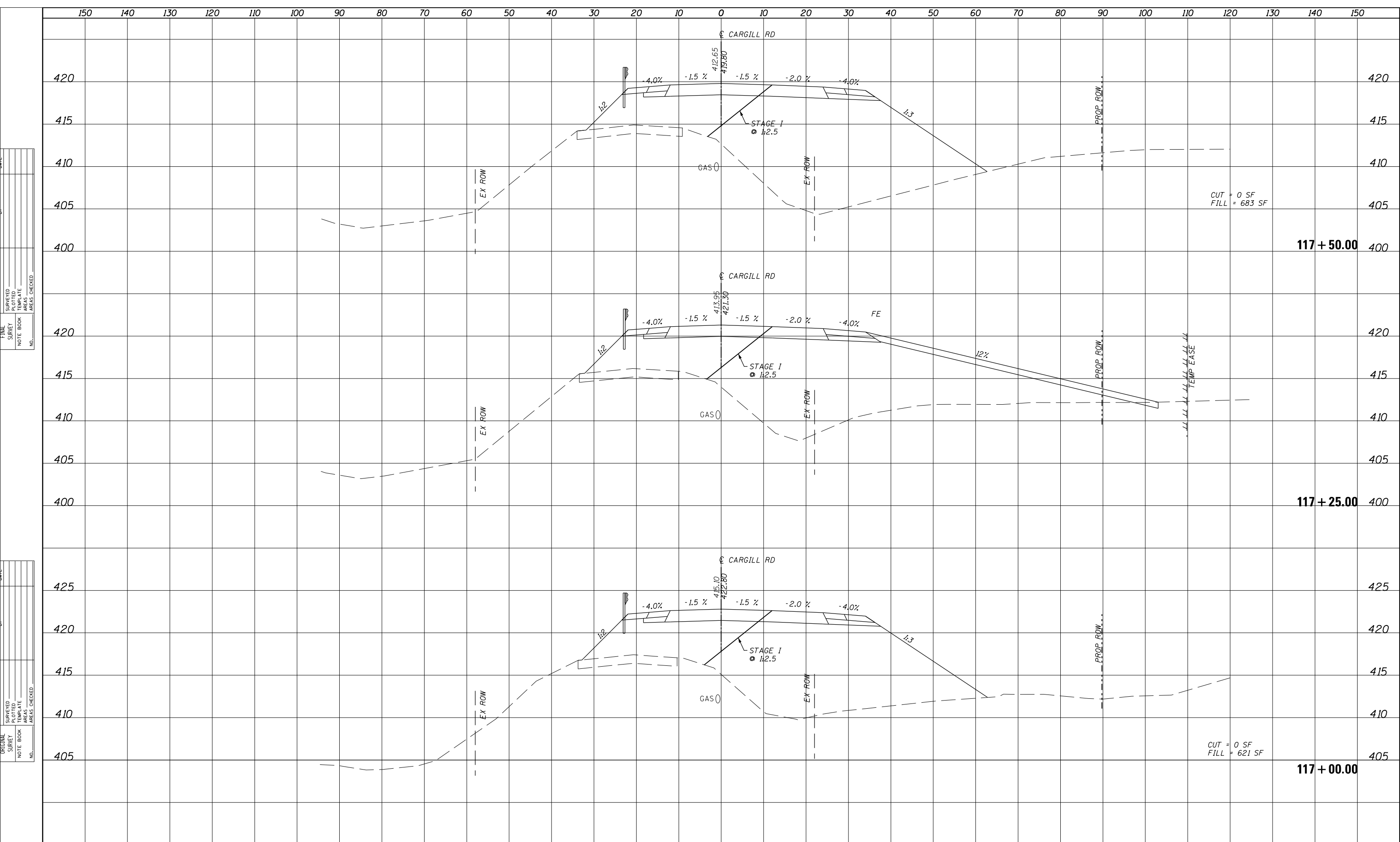
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 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CARGILL ELEVATOR ROAD  
 CROSS SECTIONS**

SCALE: SHEET NO. 16 OF 40 SHEETS STA. 116+00.00 TO STA. 116+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH37	05-00043-00-PV	ST. CLAIR	96	72
CONTRACT NO. 97654				
ILLINOIS FED. AID PROJECT				



FINAL	SURVEY	PLOTTED	TEMPLATE	AREAS	CHECKED
NO.					

ORIGINAL	SURVEY	PLOTTED	TEMPLATE	AREAS	CHECKED
NO.					

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 PLOT DATE = 1/22/2019

DESIGNED - JJC  
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 CHECKED - JWR  
 DATE - 01-22-19

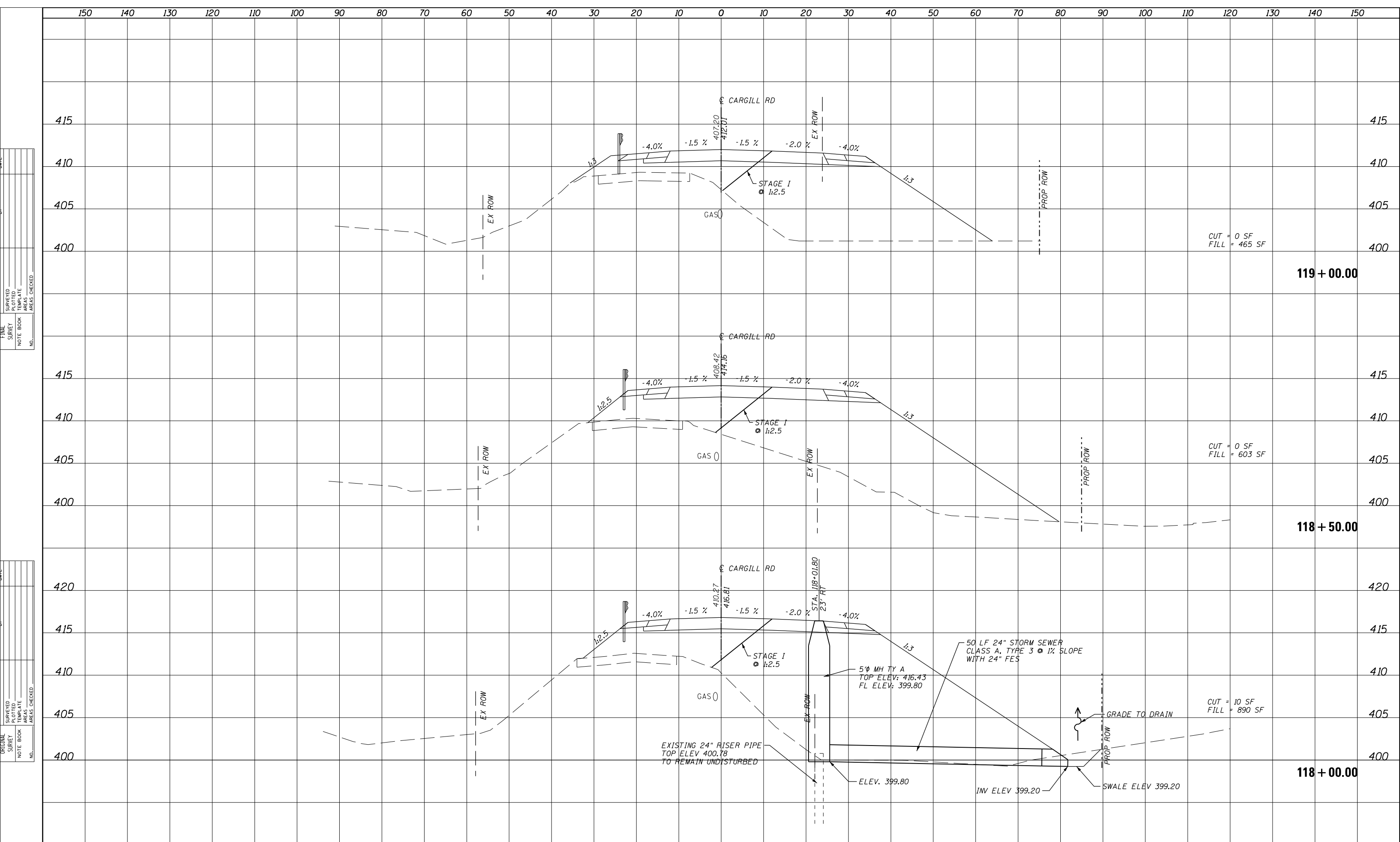
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CARGILL ELEVATOR ROAD  
 CROSS SECTIONS**

SCALE: SHEET NO. 17 OF 40 SHEETS STA. 117+00.00 TO STA. 117+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH37	05-00043-00-PV	ST. CLAIR	96	73
CONTRACT NO. 97654				
ILLINOIS FED. AID PROJECT				



FINAL	SURVEY	PLOTTED	TEMPLATE	AREAS	CHECKED
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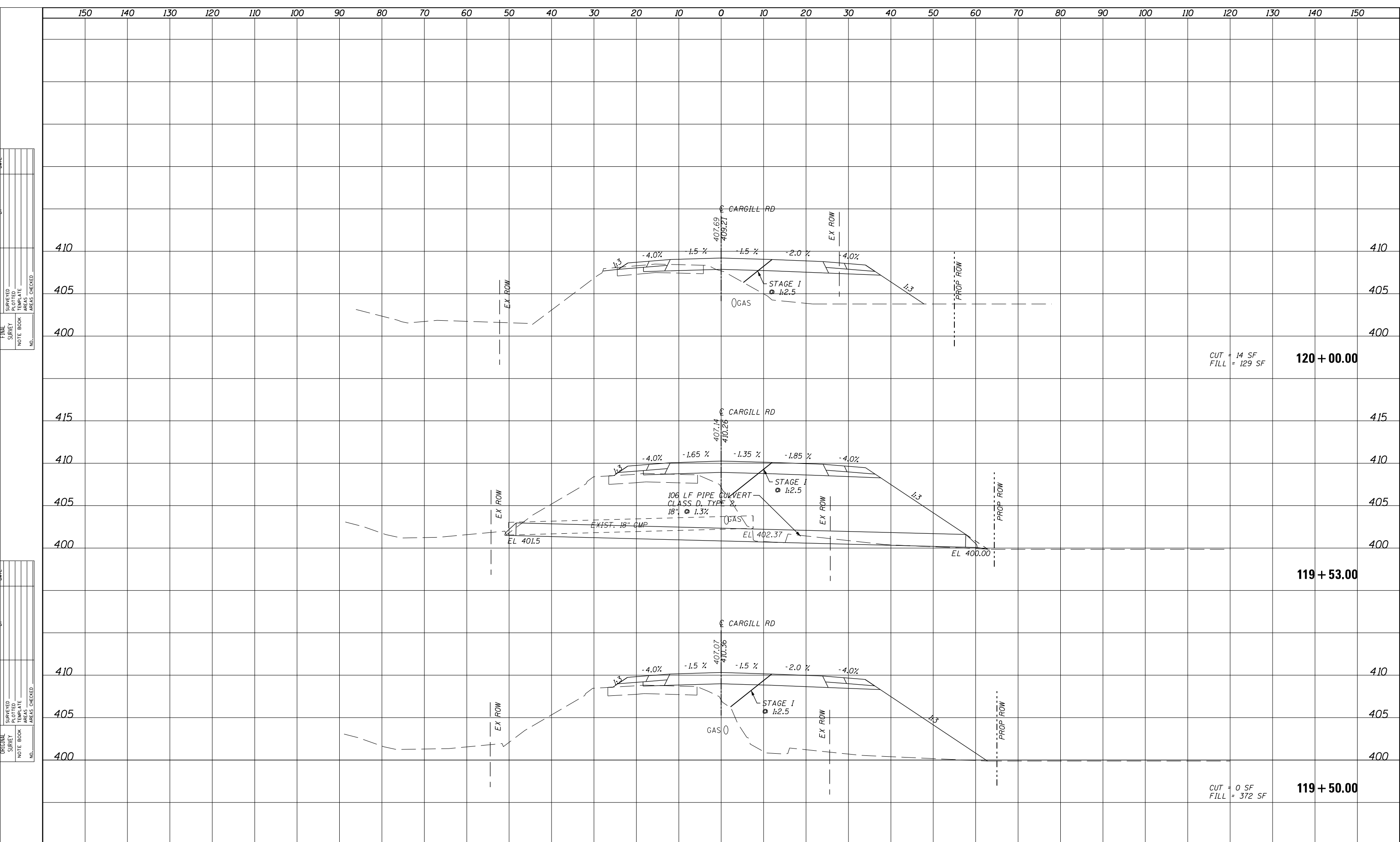
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PLOT DATE = 1/22/2019	CHECKED - JWR
	DATE - 01-22-19

DESIGNED - JJC	REVISED -
DRAWN - UJ	REVISED -
CHECKED - JWR	REVISED -
DATE - 01-22-19	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>CARGILL ELEVATOR ROAD CROSS SECTIONS</b>	
SCALE:	SHEET NO. 18 OF 40 SHEETS
STA. 118+00.00	TO STA. 119+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH37	05-00043-00-PV	ST. CLAIR	96	74
CONTRACT NO. 97654				ILLINOIS FED. AID PROJECT



FINAL	SURVEY	PLOTTED	TEMPLATE	AREAS	CHECKED
NO.					

ORIGINAL	SURVEY	PLOTTED	TEMPLATE	AREAS	CHECKED
NO.					

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 PLOT DATE = 1/22/2019

DESIGNED - JJC  
 DRAWN - UJ  
 CHECKED - JWR  
 DATE - 01-22-19

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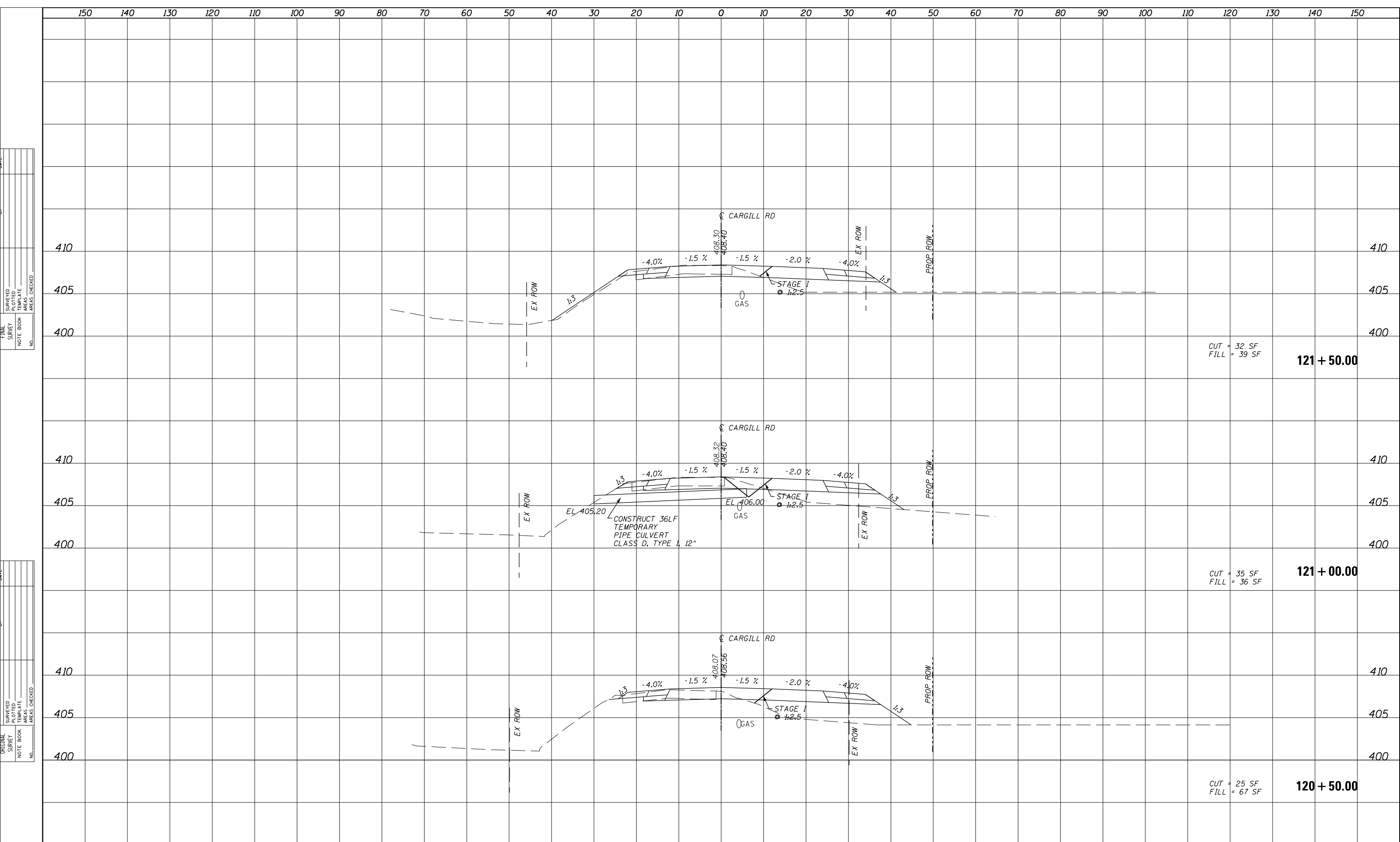
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CARGILL ELEVATOR ROAD  
 CROSS SECTIONS**

SCALE: SHEET NO. 19 OF 40 SHEETS STA. 119+50.00 TO STA. 120+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH37	05-00043-00-PV	ST. CLAIR	96	75
CONTRACT NO. 97654				
ILLINOIS FED. AID PROJECT				





CUT = 32 SF  
FILL = 39 SF  
**121 + 50.00**

CUT = 35 SF  
FILL = 36 SF  
**121 + 00.00**

CUT = 25 SF  
FILL = 67 SF  
**120 + 50.00**

FINAL SURVEY PLOTTED TEMPLATE AREAS CHECKED NO.

ORIGINAL SURVEY PLOTTED TEMPLATE AREAS CHECKED NO.

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DATE - 01-22-19

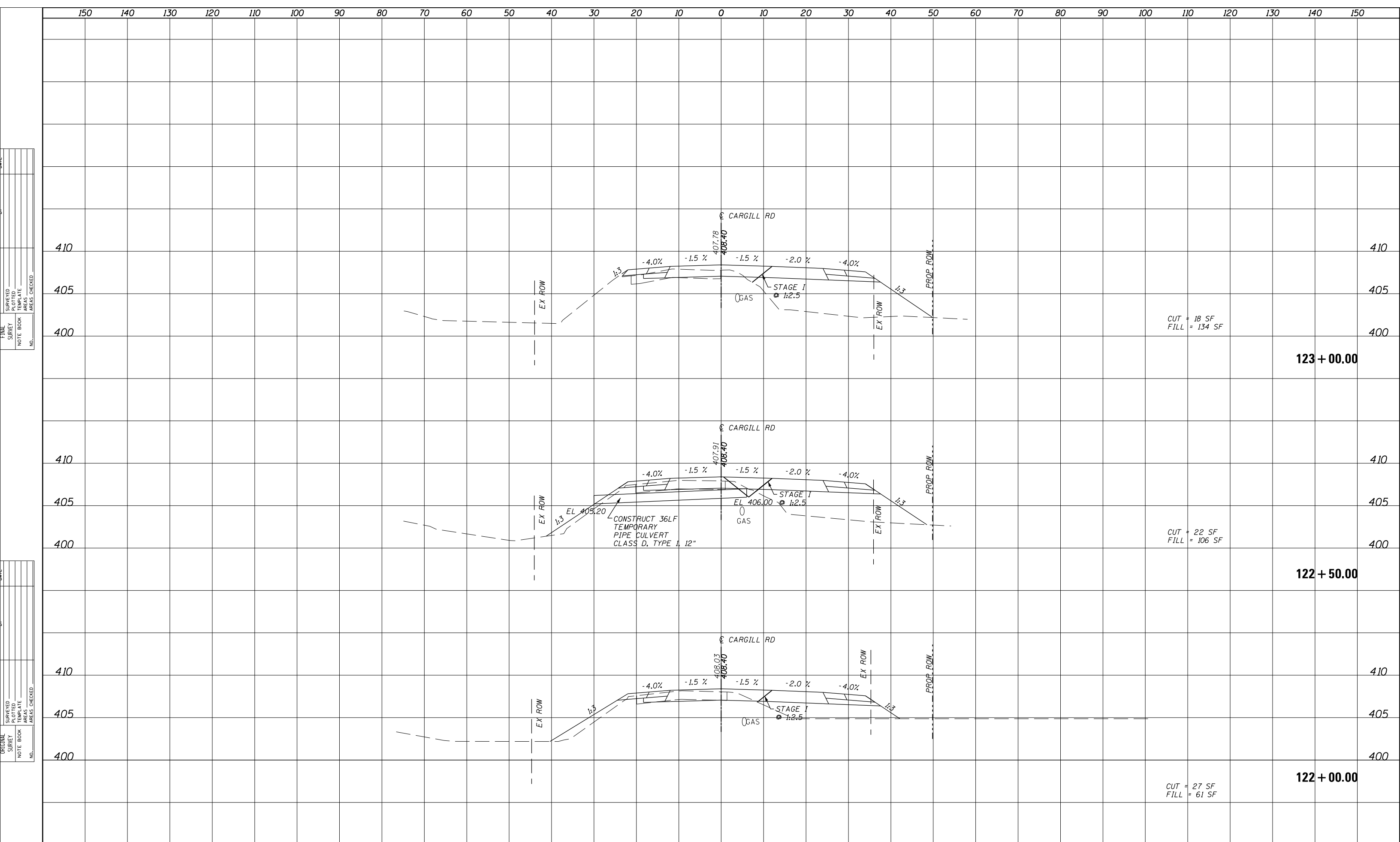
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REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CARGILL ELEVATOR ROAD  
CROSS SECTIONS**

SCALE: SHEET NO. 20 OF 40 SHEETS STA. 120+50.00 TO STA. 121+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH37	05-00043-00-PV	ST. CLAIR	96	76
CONTRACT NO. 97654				
ILLINOIS FED. AID PROJECT				



FINAL
SURVEY
PLOTTED
TEMPLATE
AREAS
CHECKED
NO.

ORIGINAL
SURVEY
PLOTTED
TEMPLATE
AREAS
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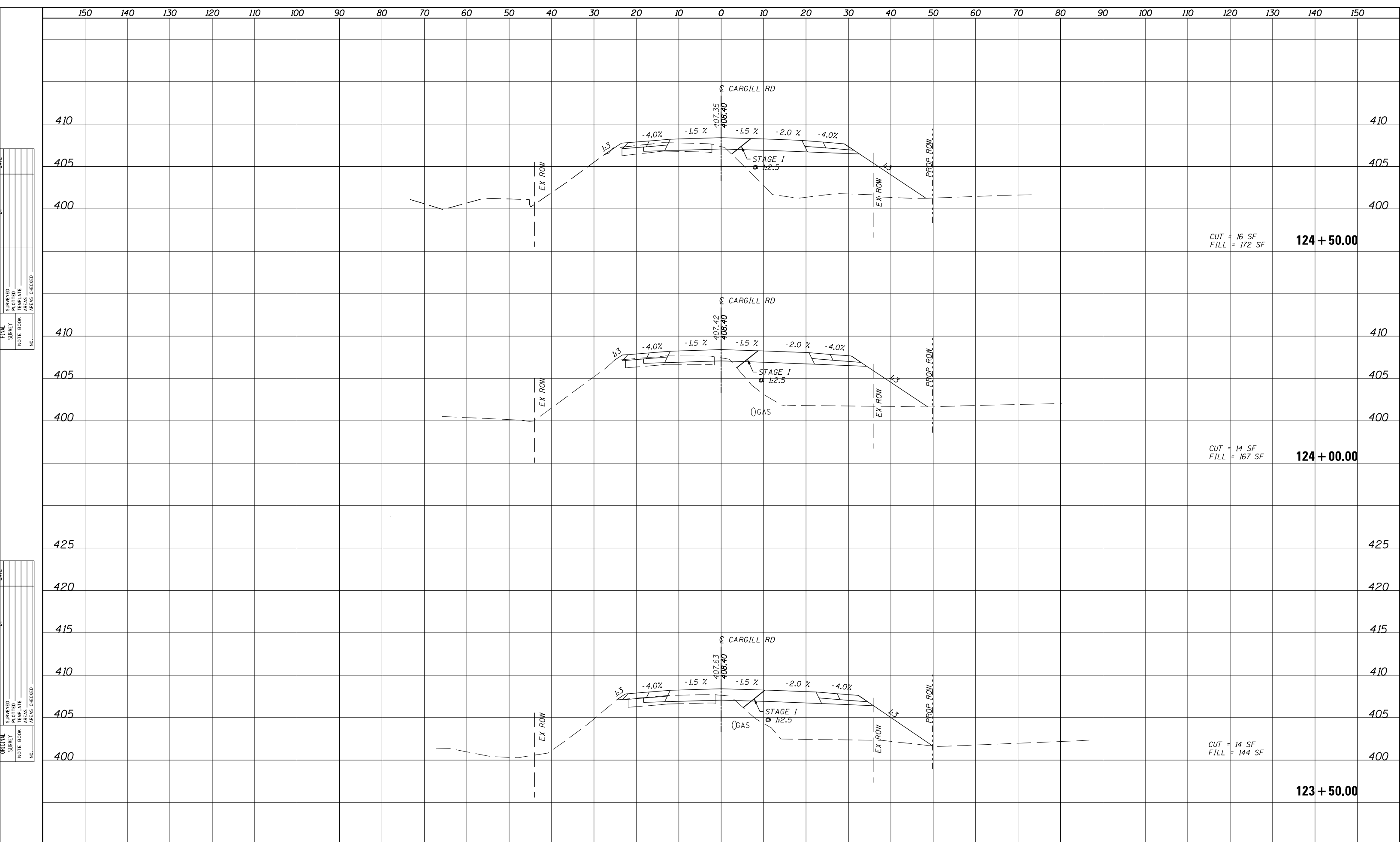
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CARGILL ELEVATOR ROAD  
 CROSS SECTIONS**

SCALE: SHEET NO. 21 OF 40 SHEETS STA. 122+00.00 TO STA. 123+00.00

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH37	05-00043-00-PV	ST. CLAIR	96	77
CONTRACT NO. 97654				
ILLINOIS FED. AID PROJECT				



FINAL	SURVEY	PLOTTED	TEMPLATE	AREAS	CHECKED
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ORIGINAL	SURVEY	PLOTTED	TEMPLATE	AREAS	CHECKED
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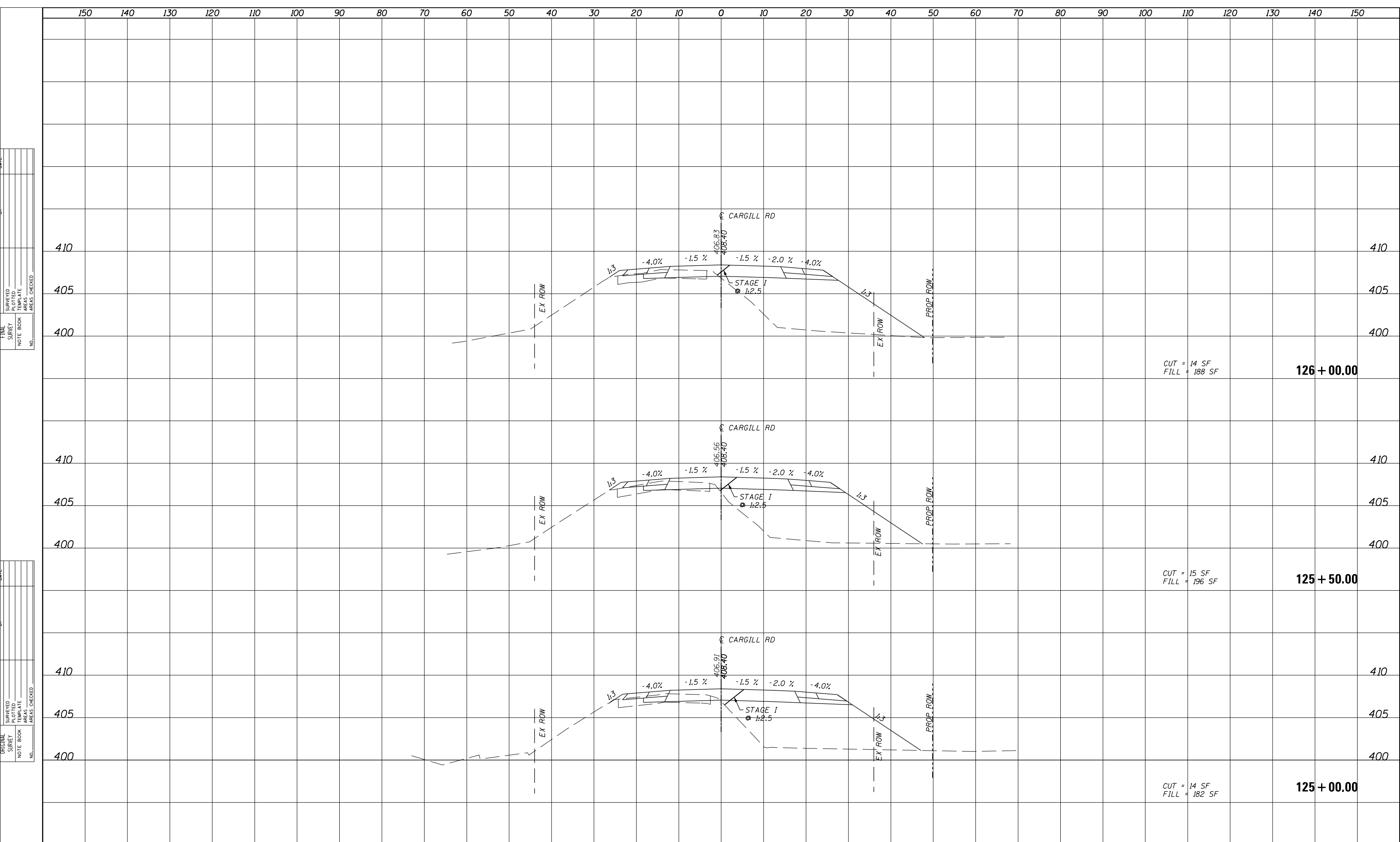
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CARGILL ELEVATOR ROAD  
 CROSS SECTIONS**

SCALE: SHEET NO. 22 OF 40 SHEETS STA. 123+50.00 TO STA. 124+50.00

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH37	05-00043-00-PV	ST. CLAIR	96	78
CONTRACT NO. 97654				
ILLINOIS FED. AID PROJECT				



FINAL	SURVEY	PLOTTED	TEMPLATE	AREAS	CHECKED
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ORIGINAL	SURVEY	PLOTTED	TEMPLATE	AREAS	CHECKED
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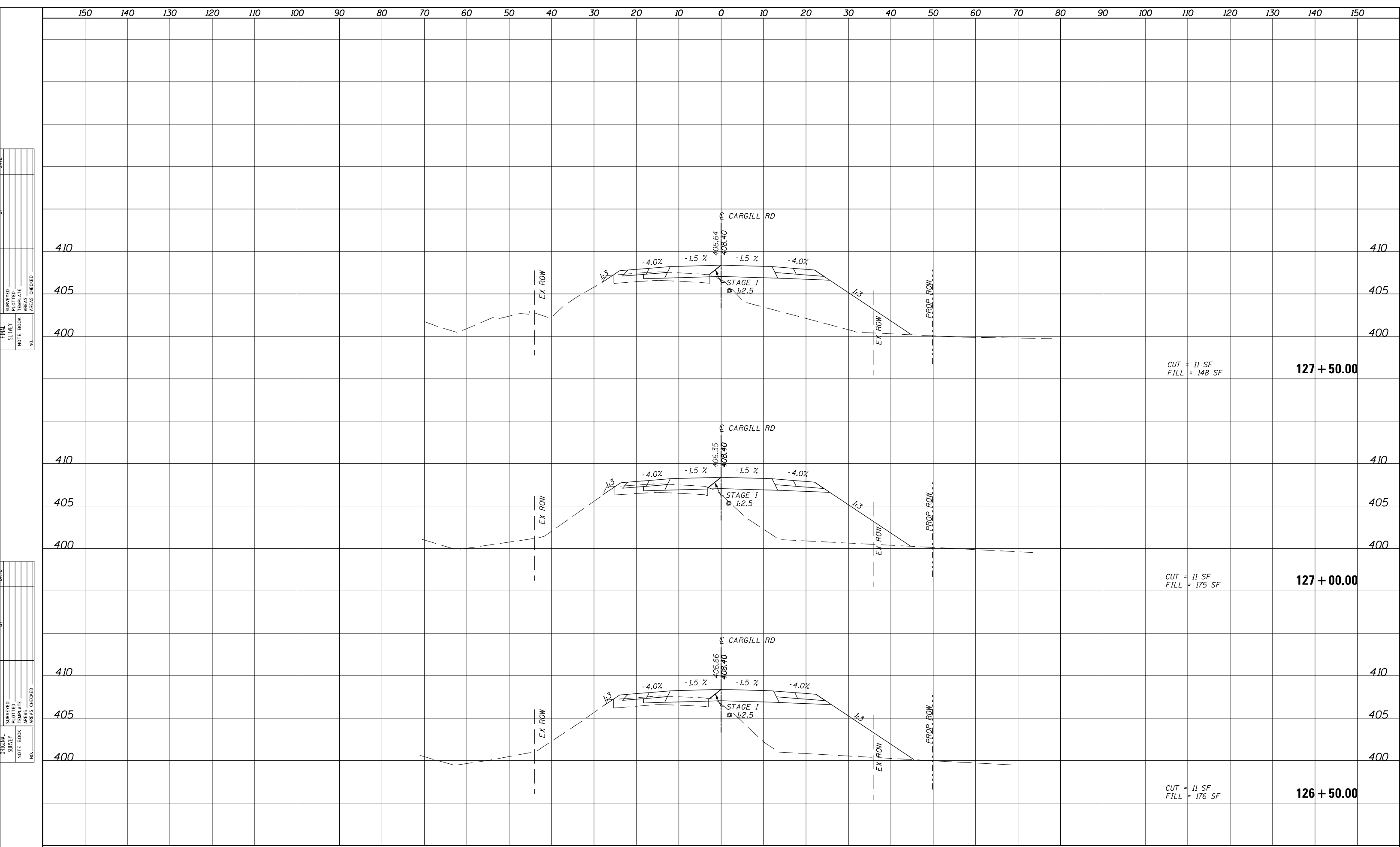
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CARGILL ELEVATOR ROAD  
 CROSS SECTIONS**

SCALE: SHEET NO. 23 OF 40 SHEETS STA. 125+00.00 TO STA. 126+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH37	05-00043-00-PV	ST. CLAIR	96	79
CONTRACT NO. 97654				
ILLINOIS FED. AID PROJECT				



FINAL	SURVEY	PLOTTED	TEMPLATE	AREAS	CHECKED
NO.					

ORIGINAL	SURVEY	PLOTTED	TEMPLATE	AREAS	CHECKED
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 DATE - 01-22-19

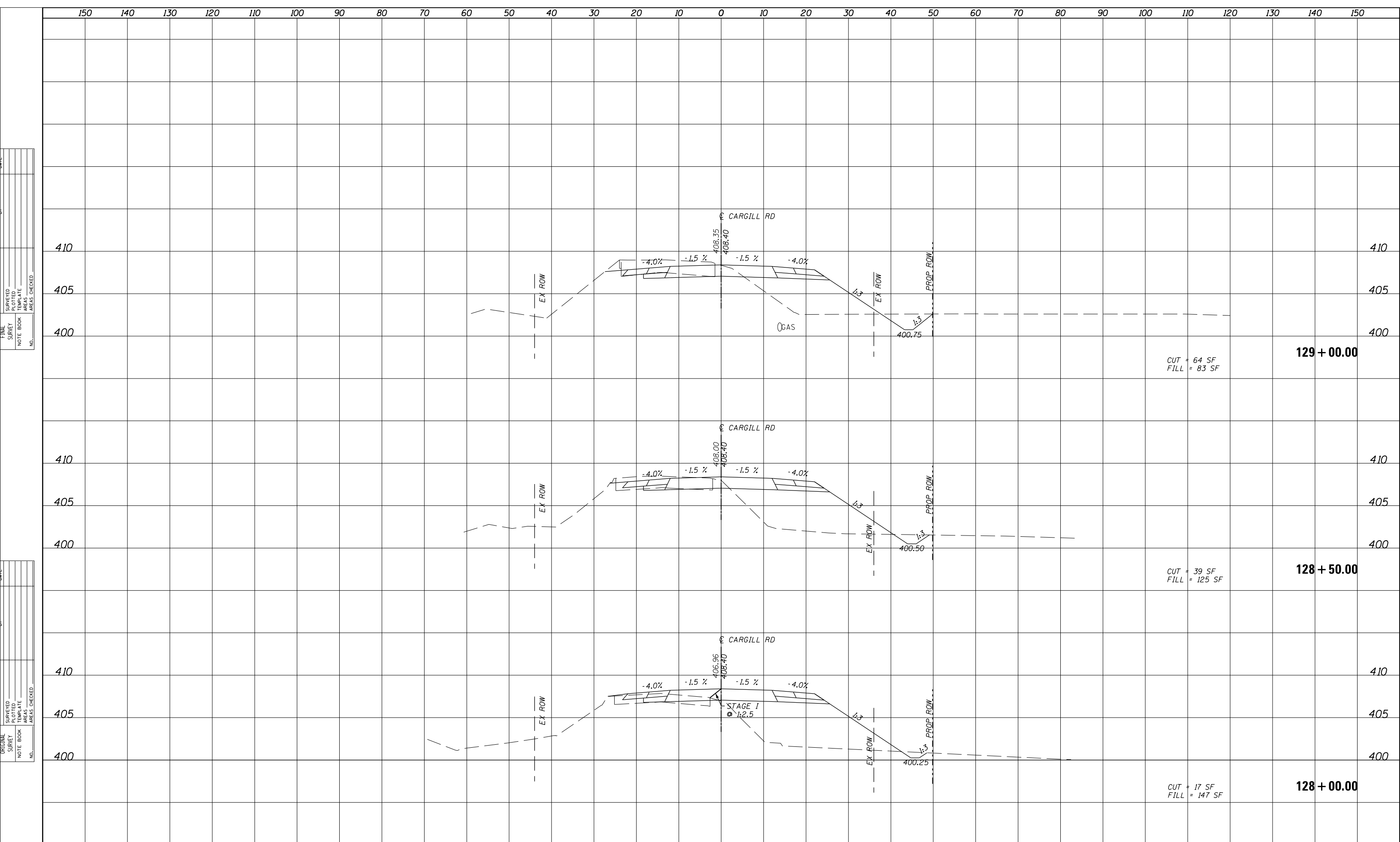
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CARGILL ELEVATOR ROAD  
 CROSS SECTIONS**

SCALE: SHEET NO. 24 OF 40 SHEETS STA. 126+50.00 TO STA. 127+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH37	05-00043-00-PV	ST. CLAIR	96	80
CONTRACT NO. 97654				
ILLINOIS FED. AID PROJECT				



FINAL	SURVEY	PLOTTED	TEMPLATE	AREAS	CHECKED
NO.					

ORIGINAL	SURVEY	PLOTTED	TEMPLATE	AREAS	CHECKED
NO.					

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PLOT SCALE = 1/4" = 1' / in.	CHECKED - JWR
PLOT DATE = 1/22/2019	DATE - 01-22-19

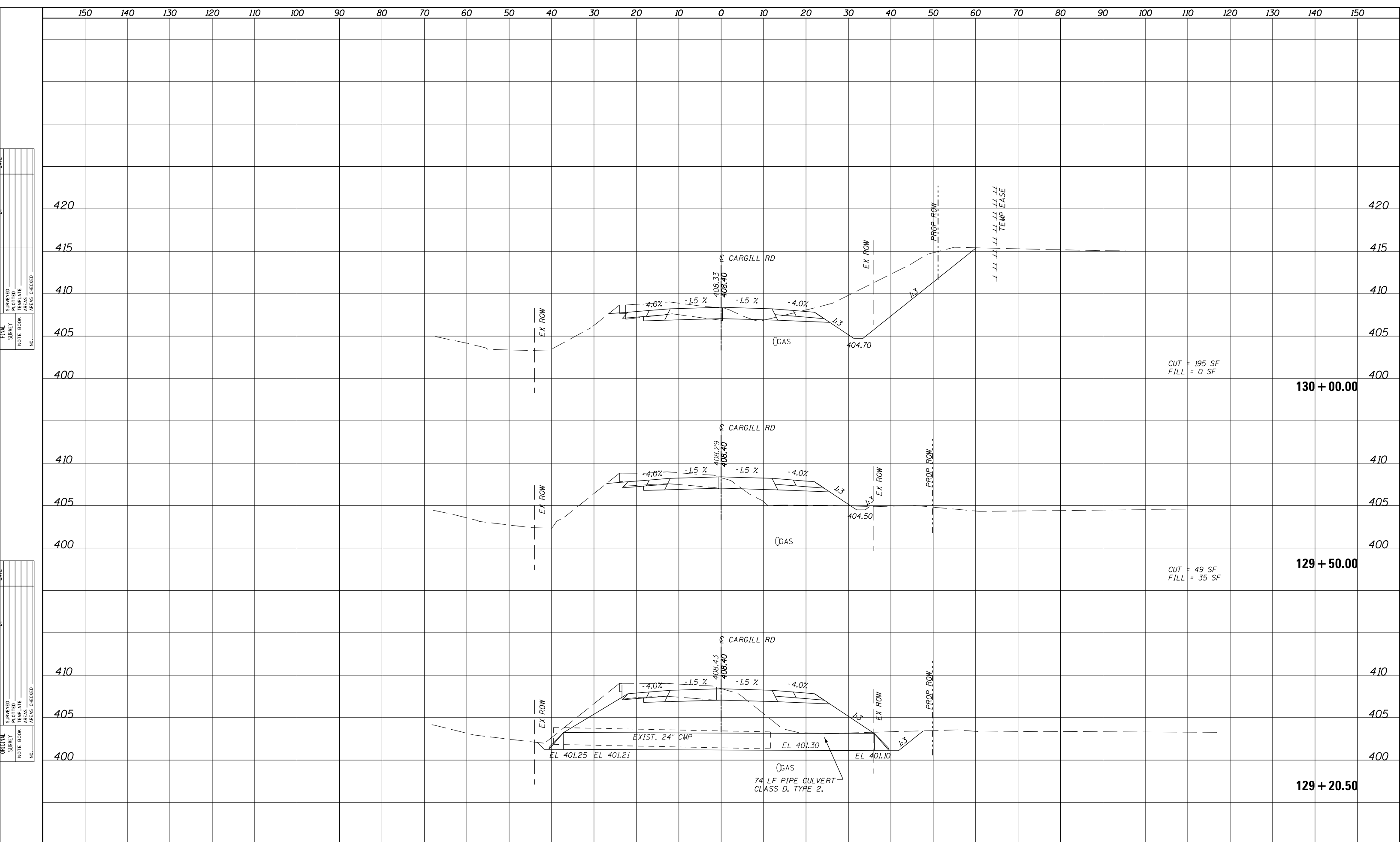
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DRAWN - UJ	REVISED -
CHECKED - JWR	REVISED -
DATE - 01-22-19	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CARGILL ELEVATOR ROAD  
CROSS SECTIONS**

SCALE: SHEET NO. 25 OF 40 SHEETS STA. 128+00.00 TO STA. 129+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH37	05-00043-00-PV	ST. CLAIR	96	81
				CONTRACT NO. 97654
ILLINOIS FED. AID PROJECT				



FINAL	SURVEY	PLOTTED	AREAS CHECKED
NO.	NO.	NO.	NO.

ORIGINAL	SURVEY	PLOTTED	AREAS CHECKED
NO.	NO.	NO.	NO.

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 PLOT DATE = 1/22/2019

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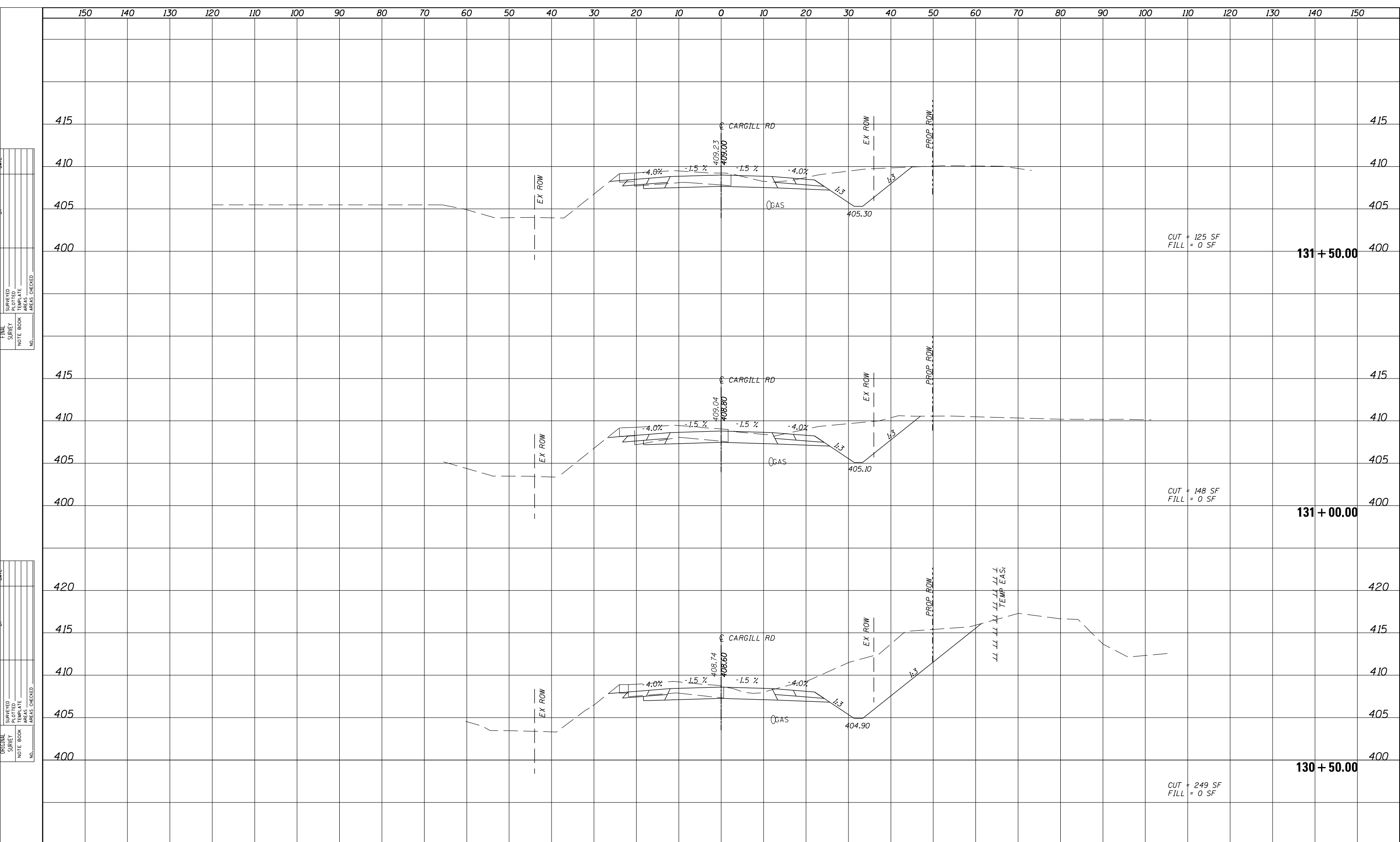
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CARGILL ELEVATOR ROAD  
 CROSS SECTIONS**

SCALE: SHEET NO. 26 OF 40 SHEETS STA. 129+20.50 TO STA. 130+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH37	05-00043-00-PV	ST. CLAIR	96	82
CONTRACT NO. 97654				
ILLINOIS FED. AID PROJECT				



FINAL	SURVEY	PLOTTED	TEMPLATE	AREAS	CHECKED
NO.					

ORIGINAL	SURVEY	PLOTTED	TEMPLATE	AREAS	CHECKED
NO.					

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 PLOT SCALE = 1/4" = 1' / in.  
 PLOT DATE = 1/22/2019

DESIGNED - JJC  
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 CHECKED - JWR  
 DATE - 01-22-19

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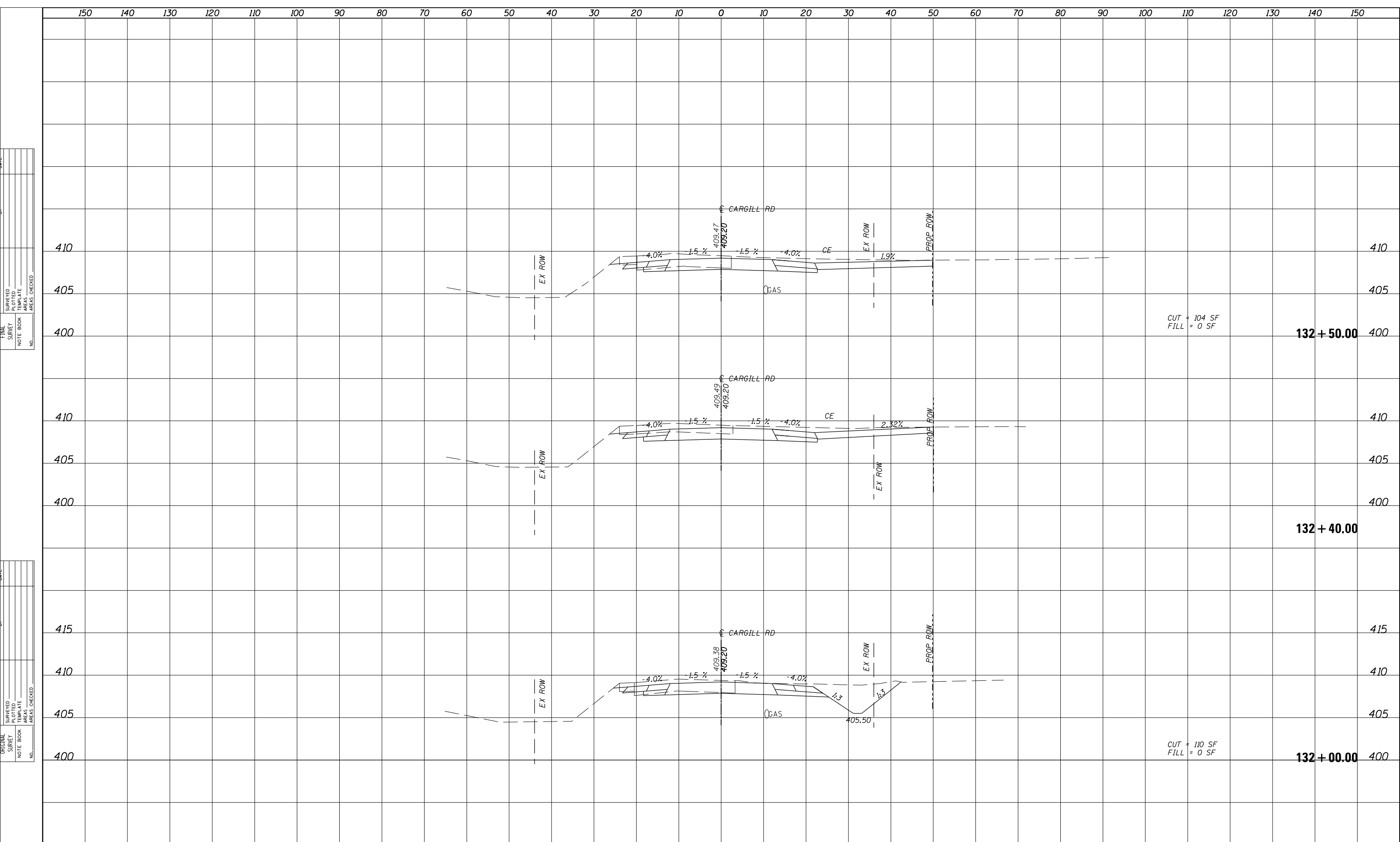
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

CARGILL ELEVATOR ROAD  
 CROSS SECTIONS

SCALE: SHEET NO. 27 OF 40 SHEETS STA. 130+50.00 TO STA. 131+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH37	05-00043-00-PV	ST. CLAIR	96	83
CONTRACT NO. 97654				
ILLINOIS FED. AID PROJECT				





FINAL	SURVEY	PLOTTED	TEMPLATE	AREAS	CHECKED
NO.					

ORIGINAL	SURVEY	PLOTTED	TEMPLATE	AREAS	CHECKED
NO.					

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 PLOT SCALE = 1/4" = 1' / in.  
 PLOT DATE = 1/22/2019

DESIGNED - JJC  
 DRAWN - UJ  
 CHECKED - JWR  
 DATE - 01-22-19

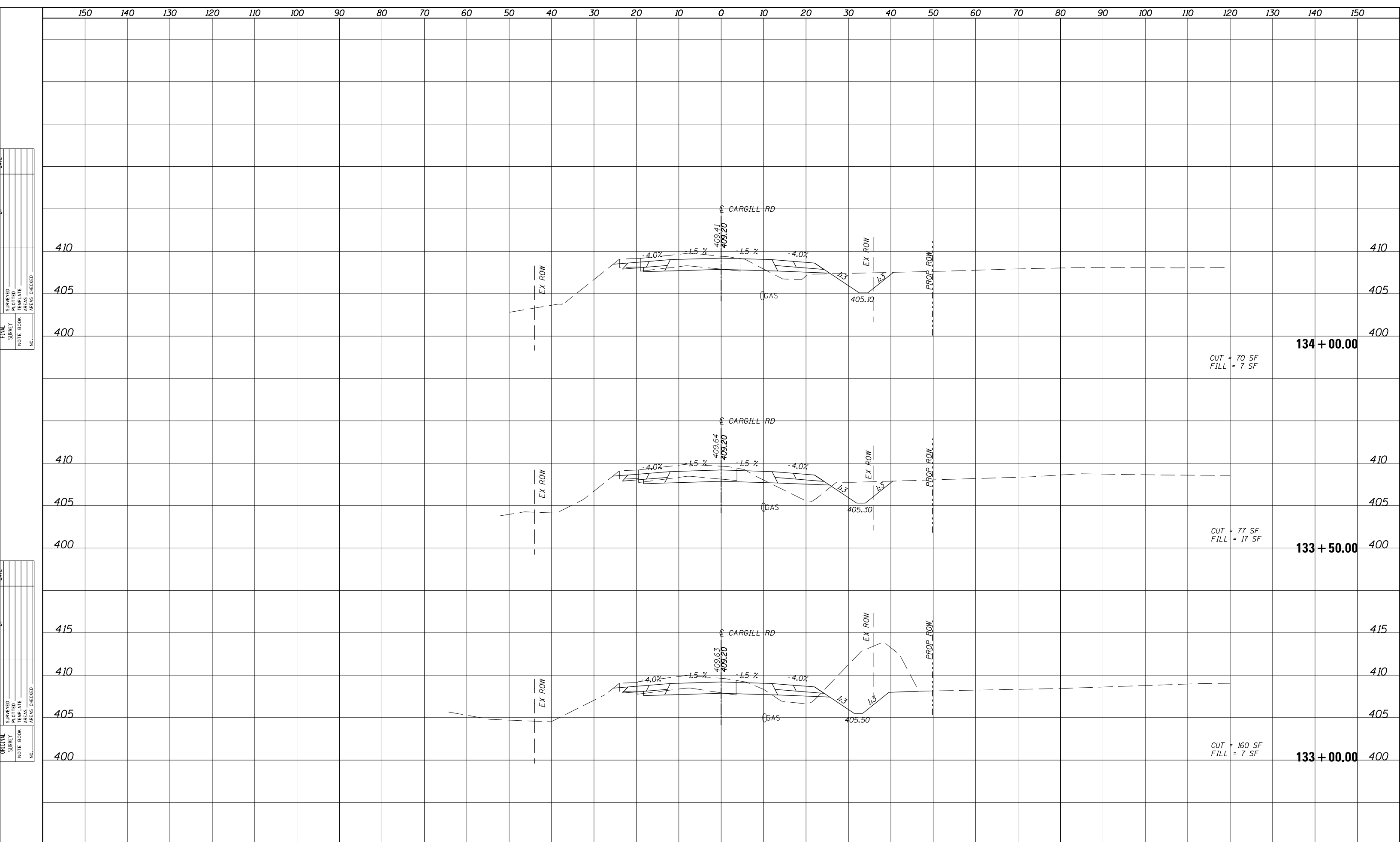
REVISED -  
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

CARGILL ELEVATOR ROAD  
 CROSS SECTIONS

SCALE: SHEET NO. 28 OF 40 SHEETS STA. 132+00.00 TO STA. 132+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH37	05-00043-00-PV	ST. CLAIR	96	84
CONTRACT NO. 97654				
ILLINOIS FED. AID PROJECT				



FINAL	SURVEY	PLOTTED	TEMPLATE	AREAS	CHECKED
NO.					

ORIGINAL	SURVEY	PLOTTED	TEMPLATE	AREAS	CHECKED
NO.					

FILE NAME =	USER NAME = ujellison
X:\Projects\Current\190-0917-Cargill.Rd\Geopak\sec.cargill.dgn	DESIGNED - JJC
	DRAWN - TWC
PLOT SCALE = 1/4" = 1' / in.	CHECKED - JWR
PLOT DATE = 1/22/2019	DATE - 01-22-19

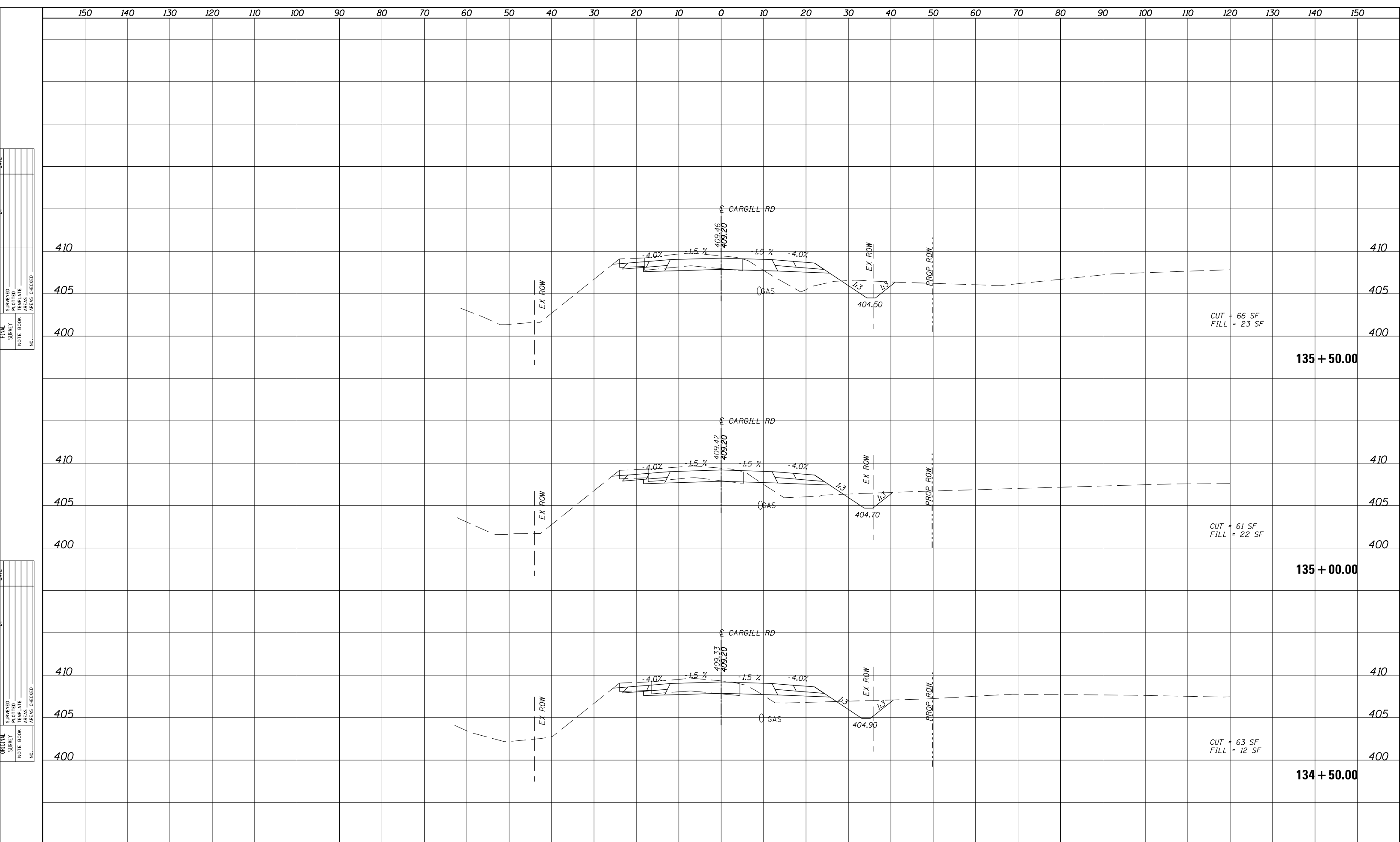
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DRAWN - TWC	REVISED -
CHECKED - JWR	REVISED -
DATE - 01-22-19	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CARGILL ELEVATOR ROAD  
CROSS SECTIONS**

SCALE: SHEET NO. 29 OF 40 SHEETS STA. 133+00.00 TO STA. 134+00.00

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH37	05-00043-00-PV	ST. CLAIR	96	85
CONTRACT NO. 97654			ILLINOIS FED. AID PROJECT	



FINAL
SURVEY
PLOTTED
TEMPLATE
AREAS
CHECKED
NO.

ORIGINAL
SURVEY
PLOTTED
TEMPLATE
AREAS
CHECKED
NO.

FILE NAME = X:\Projects\Current\190-0917.Cargill.Rd\Geopak\sec.cargill.dgn

USER NAME = ujellison  
 PLOT SCALE = 1/4" = 1' / in.  
 PLOT DATE = 1/22/2019

DESIGNED - JJC  
 DRAWN - TWC  
 CHECKED - JWR  
 DATE - 01-22-19

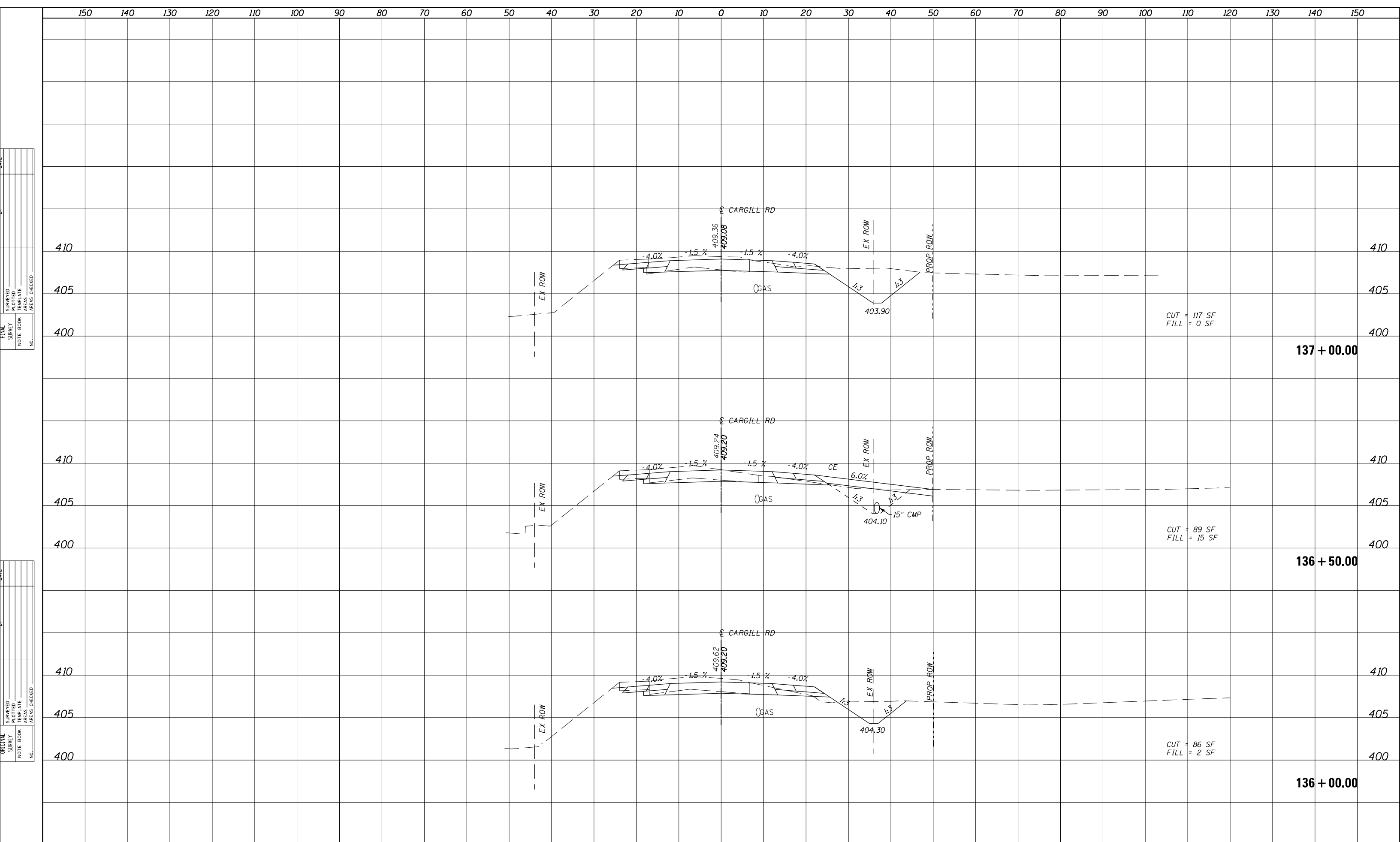
REVISED -  
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 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CARGILL ELEVATOR ROAD  
 CROSS SECTIONS**

SCALE: SHEET NO. 30 OF 40 SHEETS STA. 134+50.00 TO STA. 135+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH37	05-00043-00-PV	ST. CLAIR	96	86
CONTRACT NO. 97654				
ILLINOIS FED. AID PROJECT				



FINAL	SURVEY	PLOTTED	TEMPLATE	AREAS	CHECKED
NO.					

ORIGINAL	SURVEY	PLOTTED	TEMPLATE	AREAS	CHECKED
NO.					

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 PLOT DATE = 1/22/2019

DESIGNED - JJC  
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 CHECKED - JWR  
 DATE - 01-22-19

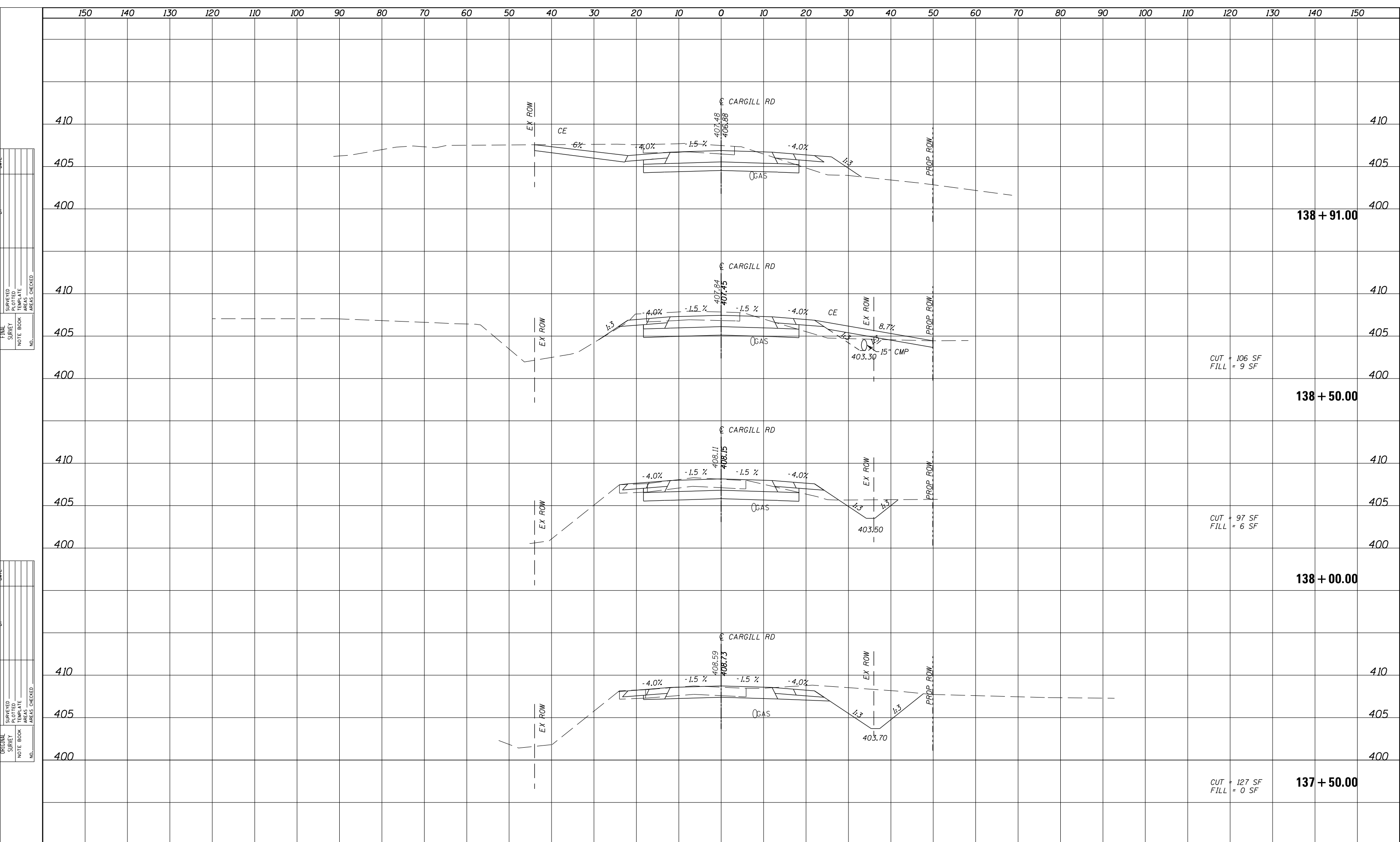
REVISED -  
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 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

CARGILL ELEVATOR ROAD  
 CROSS SECTIONS

SCALE: SHEET NO. 31 OF 40 SHEETS STA. 136+00.00 TO STA. 137+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH37	05-00043-00-PV	ST. CLAIR	96	87
CONTRACT NO. 97654				
ILLINOIS FED. AID PROJECT				



FINAL	SURVEY	PLOTTED	TEMPLATE	AREAS	CHECKED
NO.					

ORIGINAL	SURVEY	PLOTTED	TEMPLATE	AREAS	CHECKED
NO.					

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 PLOT DATE = 1/22/2019

DESIGNED - JJC  
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 CHECKED - JWR  
 DATE - 01-22-19

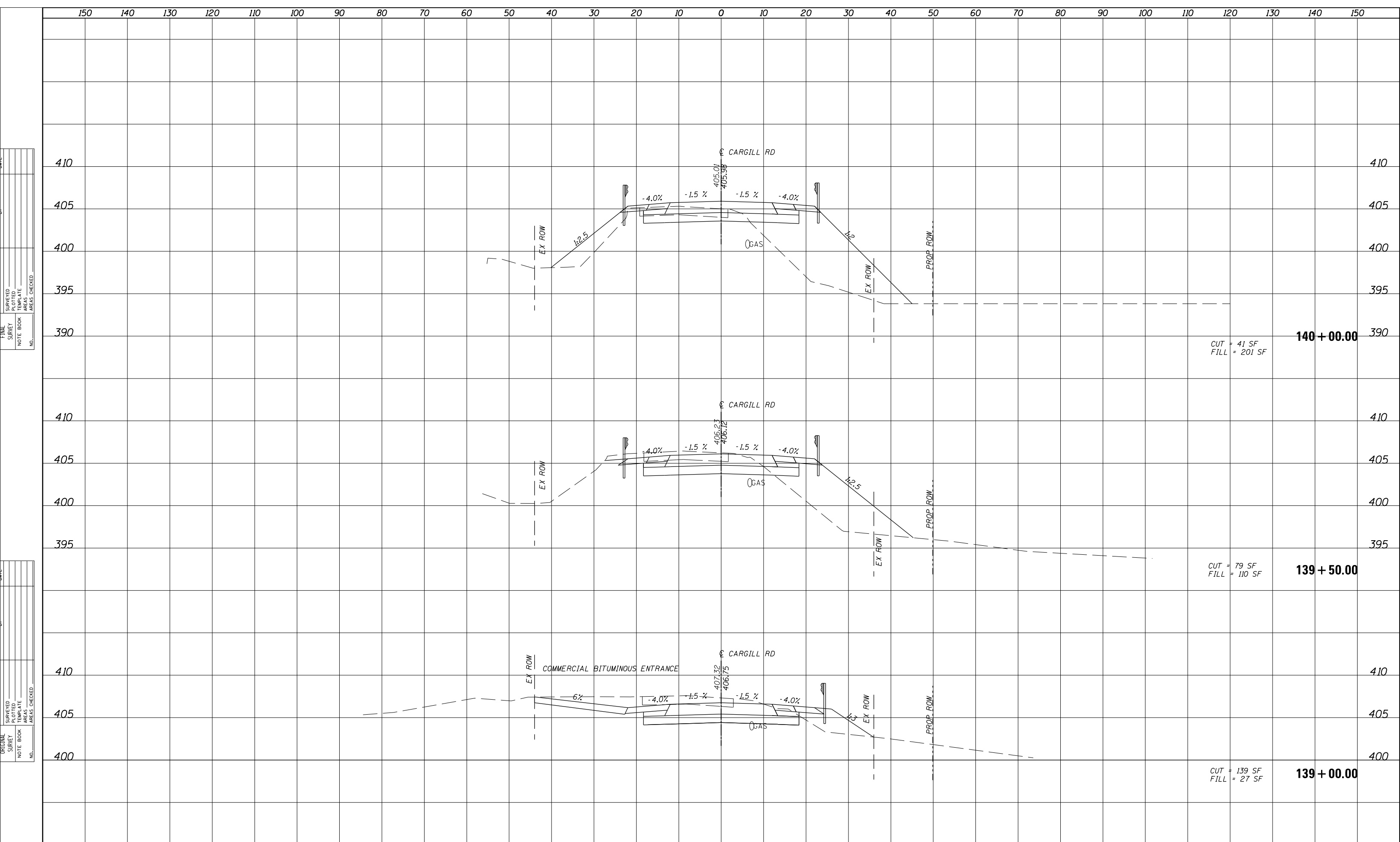
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CARGILL ELEVATOR ROAD  
 CROSS SECTIONS**

SCALE: SHEET NO. 32 OF 40 SHEETS STA. 137+50.00 TO STA. 138+91.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH37	05-00043-00-PV	ST. CLAIR	96	88
CONTRACT NO. 97654				
ILLINOIS FED. AID PROJECT				



FINAL	SURVEY	PLOTTED	TEMPLATE	AREAS	CHECKED
NO.					

ORIGINAL	SURVEY	PLOTTED	TEMPLATE	AREAS	CHECKED
NO.					

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 PLOT DATE = 1/22/2019

DESIGNED - JJC  
 DRAWN - TWC  
 CHECKED - JWR  
 DATE - 01-22-19

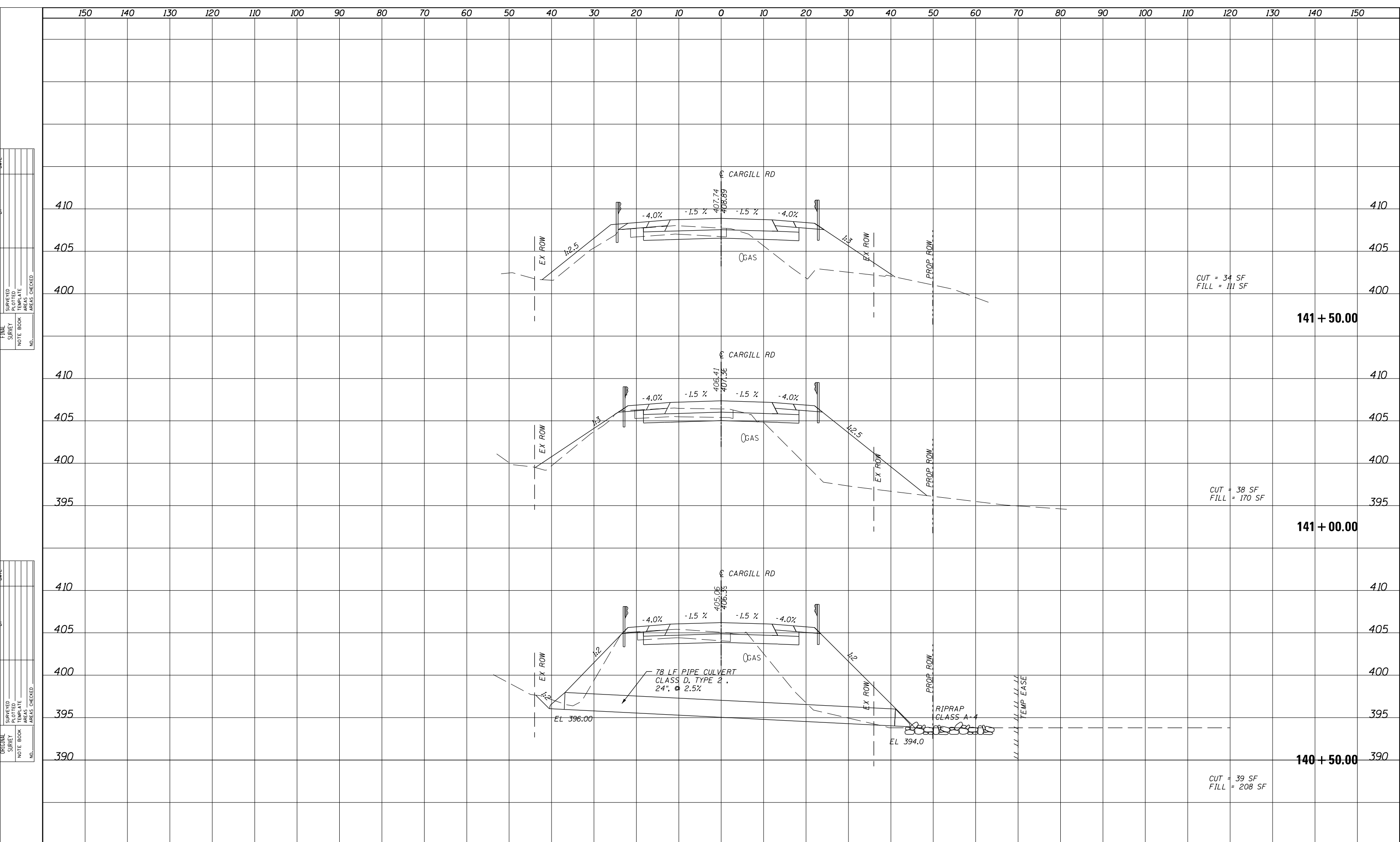
REVISED -  
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CARGILL ELEVATOR ROAD  
 CROSS SECTIONS**

SCALE: SHEET NO. 33 OF 40 SHEETS STA. 139+00.00 TO STA. 140+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH37	05-00043-00-PV	ST. CLAIR	96	89
CONTRACT NO. 97654				
ILLINOIS FED. AID PROJECT				



FINAL
SURVEY
PLOTTED
TEMPLATE
AREAS
CHECKED
NO.

ORIGINAL
SURVEY
PLOTTED
TEMPLATE
AREAS
CHECKED
NO.

FILE NAME = X:\Projects\Current\190-0917.Cargill.Rd\Geopak\sec.cargill.dgn  
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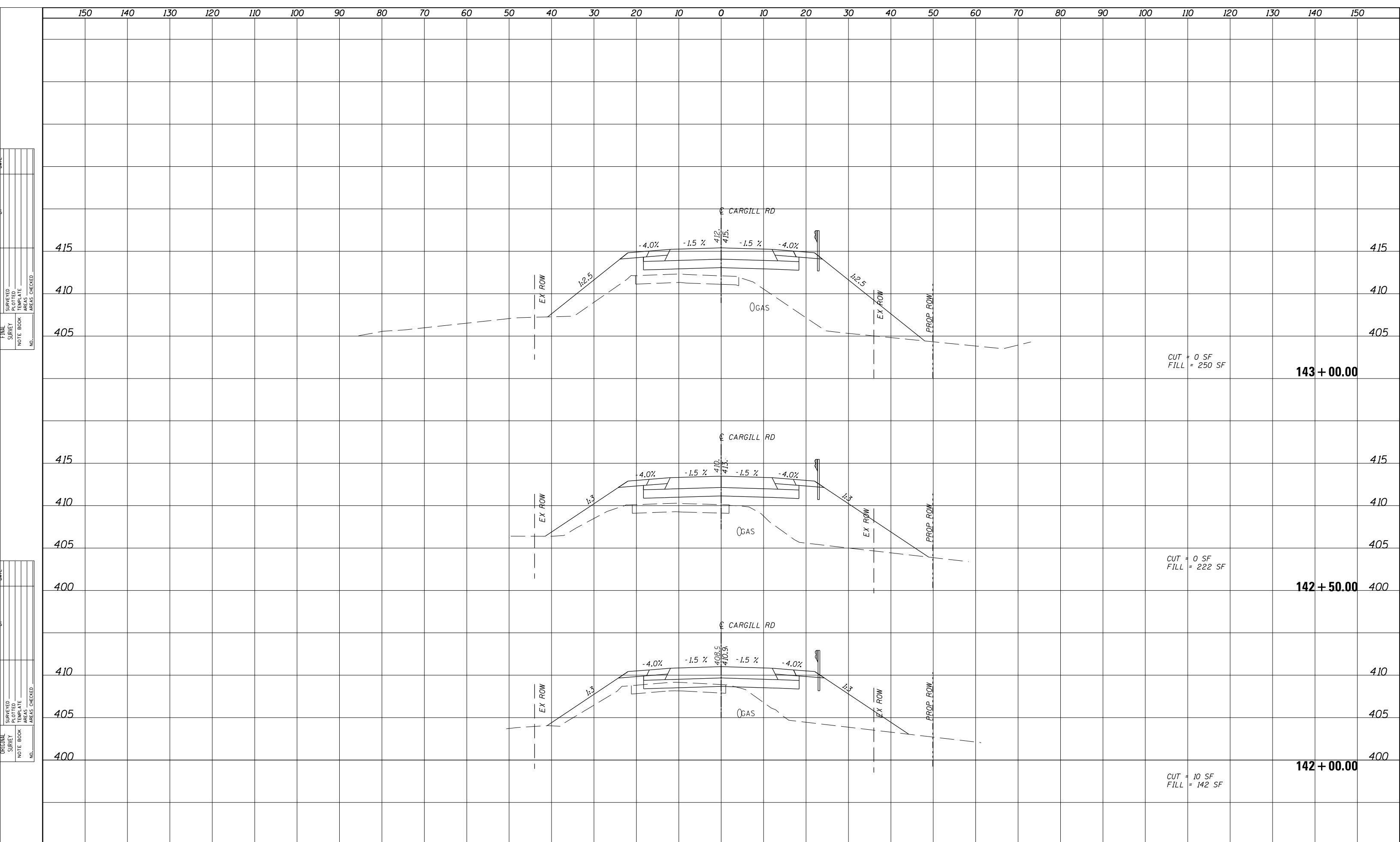
DESIGNED - JJC	REVISED -
DRAWN - TWC	REVISED -
CHECKED - JWR	REVISED -
DATE - 01-22-19	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CARGILL ELEVATOR ROAD  
CROSS SECTIONS**

SCALE: SHEET NO. 34 OF 40 SHEETS STA. 140+50.00 TO STA. 141+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH37	05-00043-00-PV	ST. CLAIR	96	90
CONTRACT NO. 97654				
ILLINOIS FED. AID PROJECT				



FINAL	SURVEY	PLOTTED	TEMPLATE	AREAS	CHECKED
NO.					

ORIGINAL	SURVEY	PLOTTED	TEMPLATE	AREAS	CHECKED
NO.					

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 PLOT SCALE = 1/4" = 1' / in.  
 PLOT DATE = 1/22/2019

DESIGNED - JJC  
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 CHECKED - JWR  
 DATE - 01-22-19

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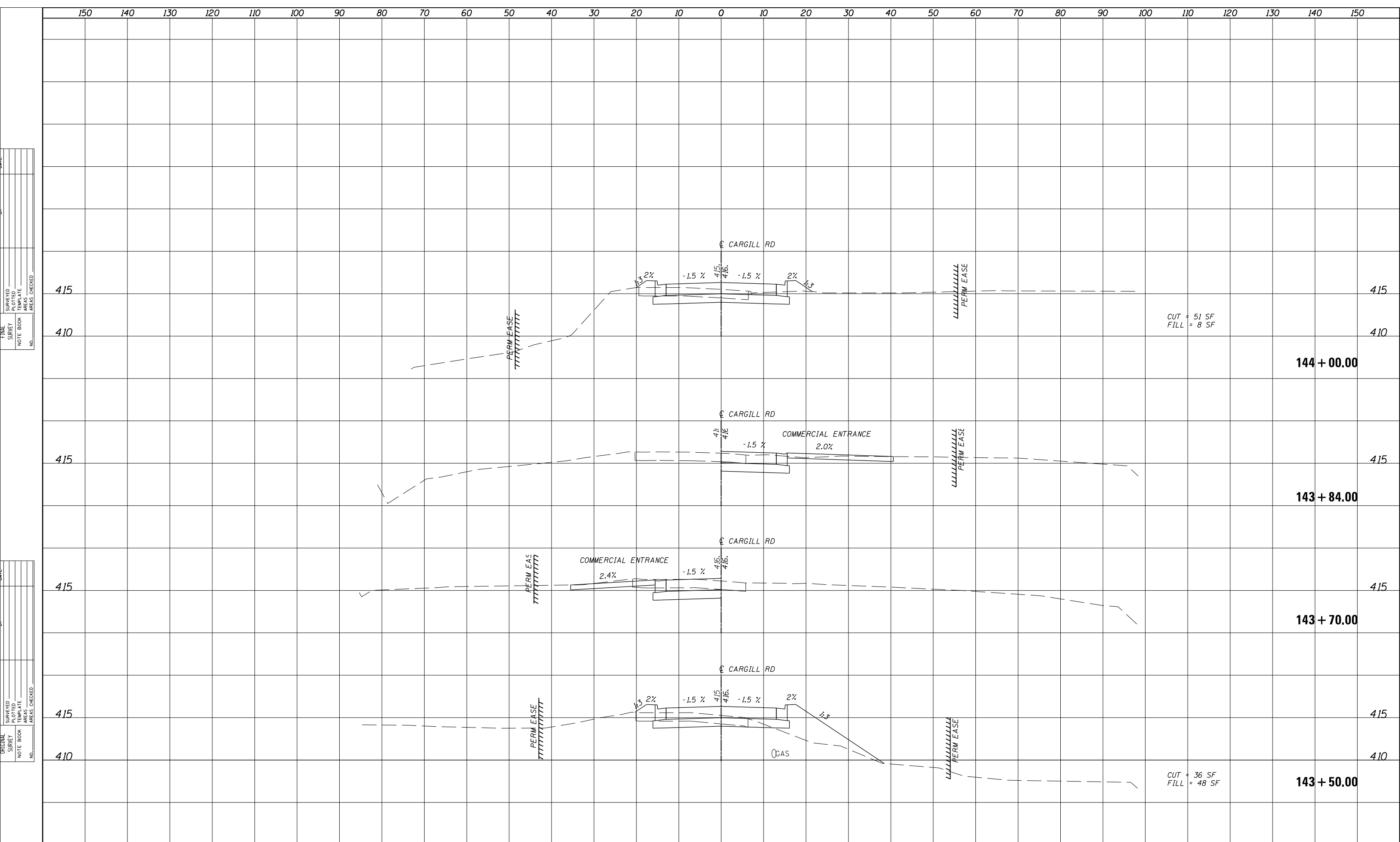
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

CARGILL ELEVATOR ROAD  
 CROSS SECTIONS

SCALE: SHEET NO. 35 OF 40 SHEETS STA. 142+00.00 TO STA. 143+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH37	05-00043-00-PV	ST. CLAIR	96	91
CONTRACT NO. 97654				
ILLINOIS FED. AID PROJECT				





FINAL	SURVEY	PLOTTED	TEMPLATE	AREAS	CHECKED
NO.					

ORIGINAL	SURVEY	PLOTTED	TEMPLATE	AREAS	CHECKED
NO.					

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 PLOT DATE = 1/22/2019

DESIGNED - JJC  
 DRAWN - TWC  
 CHECKED - JWR  
 DATE - 01-22-19

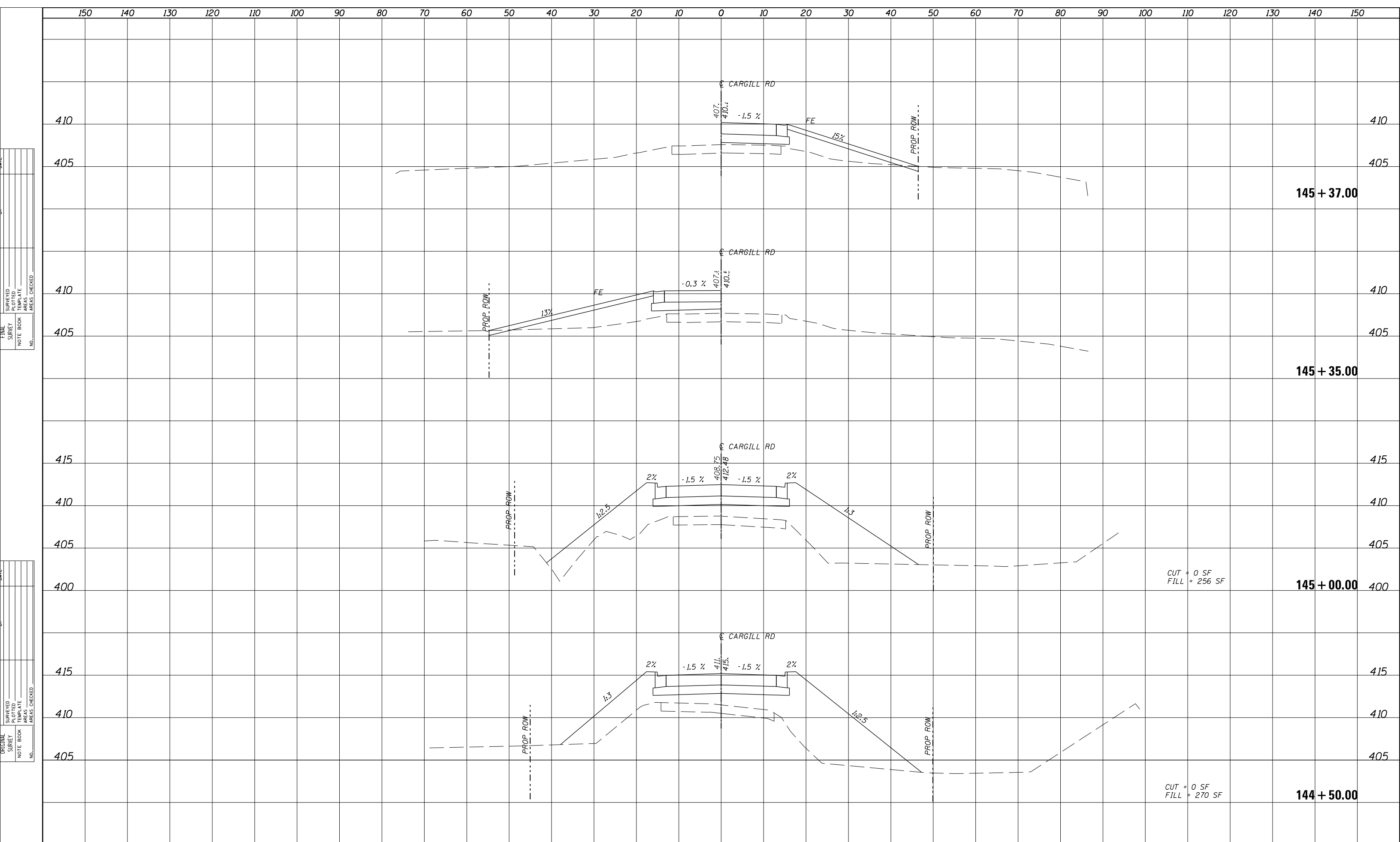
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CARGILL ELEVATOR ROAD  
 CROSS SECTIONS**

SCALE: SHEET NO. 36 OF 40 SHEETS STA. 143+50.00 TO STA. 144+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH37	05-00043-00-PV	ST. CLAIR	96	92
CONTRACT NO. 97654				
ILLINOIS FED. AID PROJECT				



FINAL	SURVEY	PLOTTED	TEMPLATE	AREAS	CHECKED
NO.					

ORIGINAL	SURVEY	PLOTTED	TEMPLATE	AREAS	CHECKED
NO.					

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 PLOT DATE = 1/22/2019

DESIGNED - JJC  
 DRAWN - TWC  
 CHECKED - JWR  
 DATE - 01-22-19

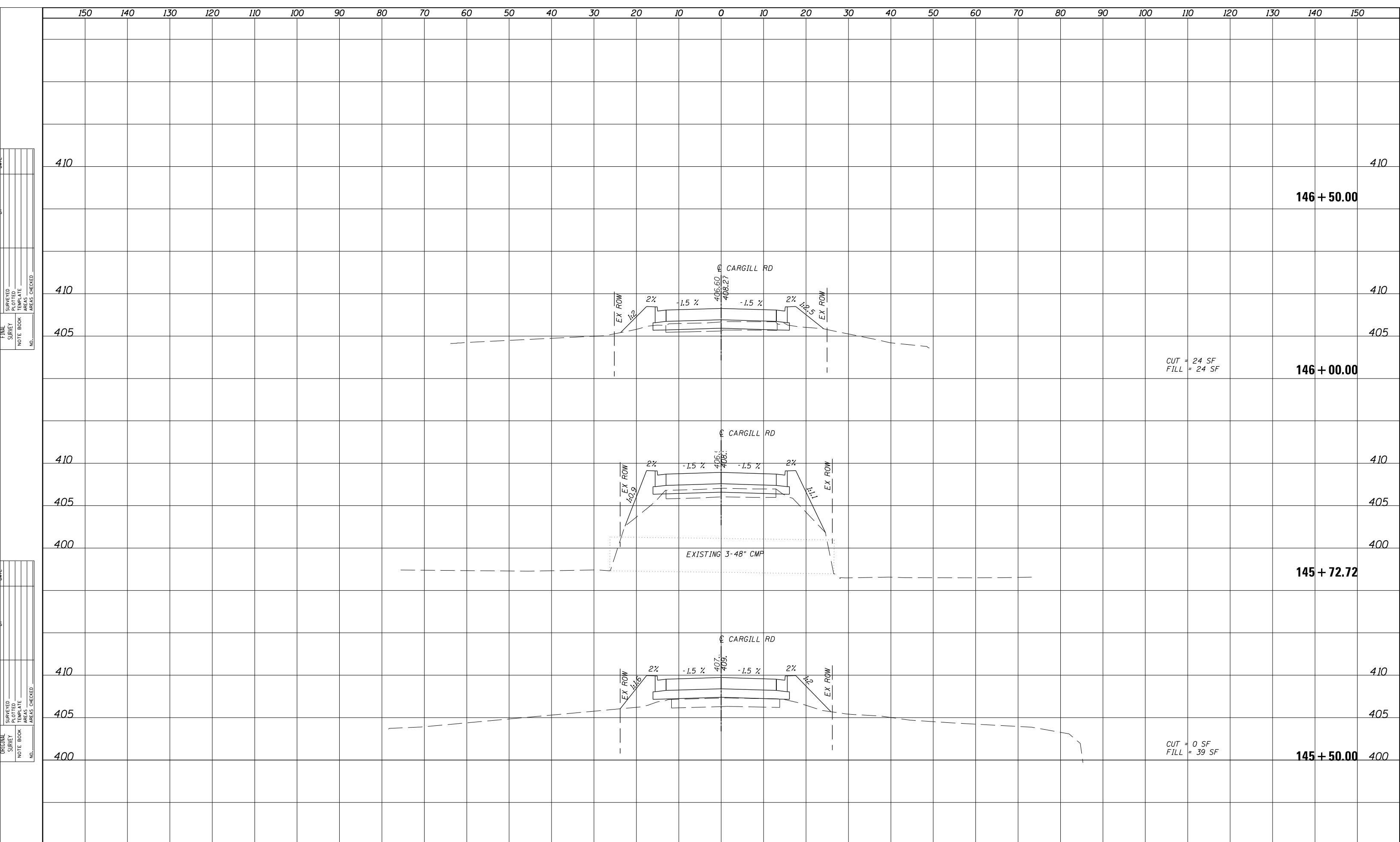
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CARGILL ELEVATOR ROAD  
 CROSS SECTIONS**

SCALE: SHEET NO. 37 OF 40 SHEETS STA. 144+50.00 TO STA. 145+40.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH37	05-00043-00-PV	ST. CLAIR	96	93
CONTRACT NO. 97654				
ILLINOIS FED. AID PROJECT				



DATE	
BY	
REVISIONS	
NO.	
AREAS CHECKED	
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TEMPLATE	
NOTE BOOK	
SURVEY	
PLOTTED	
DESIGNED	

DATE	
BY	
REVISIONS	
NO.	
AREAS CHECKED	
AREAS	
TEMPLATE	
NOTE BOOK	
SURVEY	
PLOTTED	
DESIGNED	

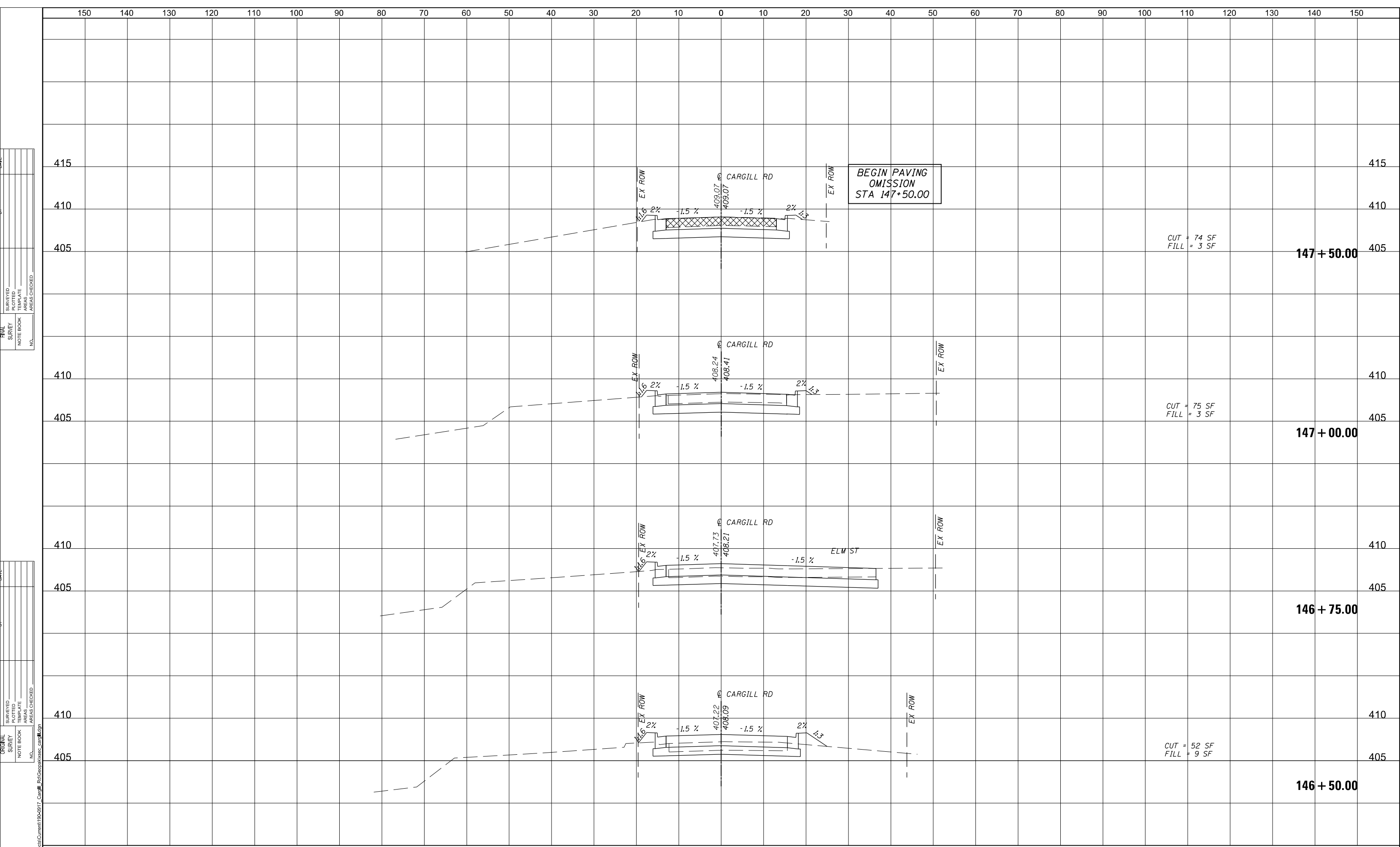
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PLOT SCALE =	1/4" = 1' / in.
PLOT DATE =	1/22/2019

DESIGNED -	JJC	REVISED -	
DRAWN -	TWC	REVISED -	
CHECKED -	JWR	REVISED -	
DATE -	01-22-19	REVISED -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>CARGILL ELEVATOR ROAD CROSS SECTIONS</b>	
SCALE:	SHEET NO. 38 OF 40 SHEETS STA. 145+50.00 TO STA. 146+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH37	05-00043-00-PV	ST. CLAIR	96	94
CONTRACT NO. 97654				
ILLINOIS FED. AID PROJECT				



NO.	
AREAS CHECKED	
AREAS	
TEMPLATE	
NOTED	
SURVEY	
REVISED	

NO.	
AREAS CHECKED	
AREAS	
TEMPLATE	
NOTED	
SURVEY	
REVISED	

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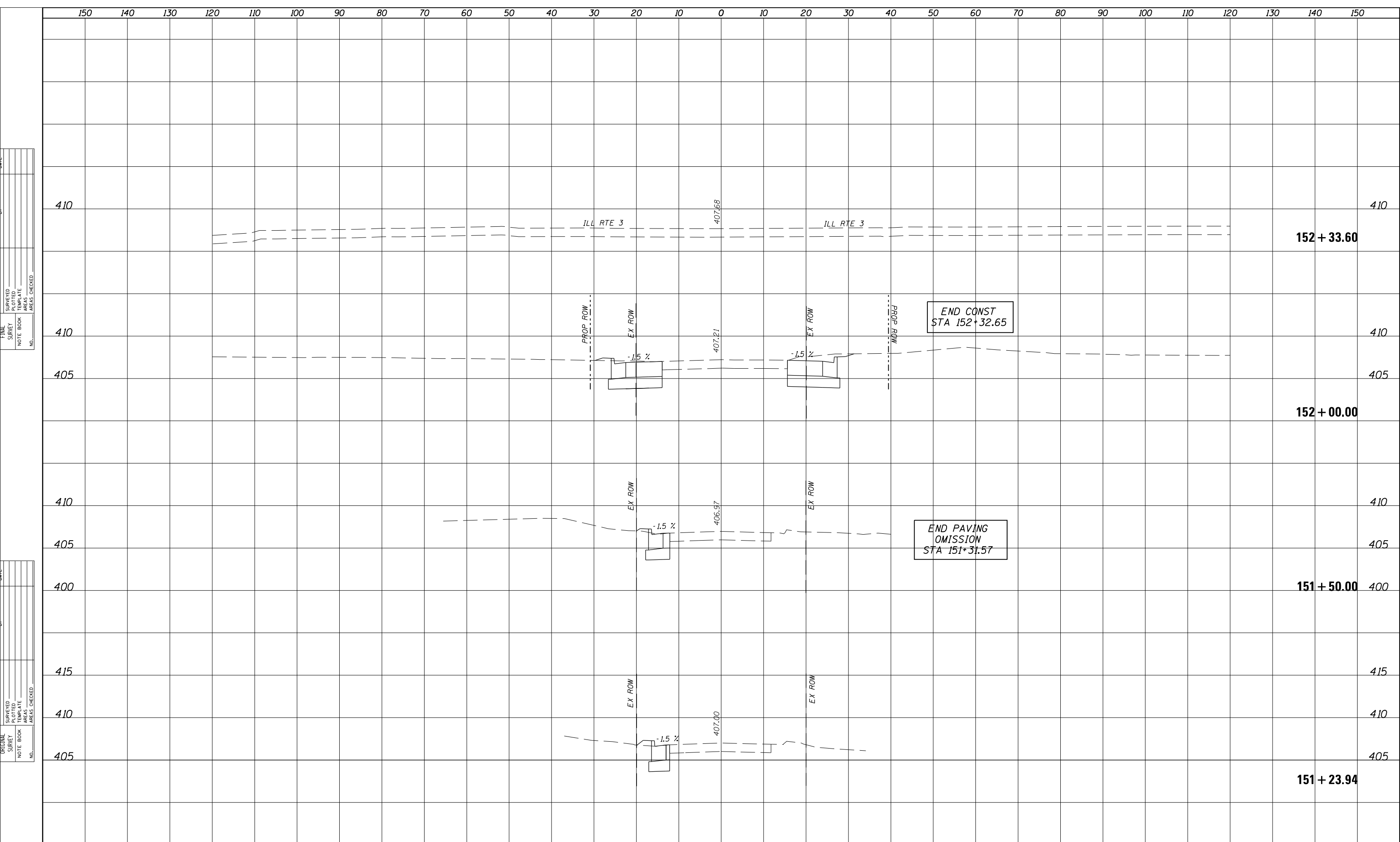
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PLOT SCALE = 1/8" = 1'-0"	DRAWN - UJ	REVISED -
PLOT DATE = 1/22/2019	CHECKED - JWR	REVISED -
	DATE - 1-7-19	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CARGILL ELEVATOR ROAD  
 CROSS SECTIONS**

SCALE: SHEET 39 OF 40 SHEETS STA. 146+50.00 TO STA. 147+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH37	05-00043-00-PV	ST CLAIR	96	95
CONTRACT NO. 97654				
ILLINOIS FED. AID PROJECT				



FINAL	SURVEY	PLOTTED	TEMPLATE	AREAS	CHECKED
NO.					

ORIGINAL	SURVEY	PLOTTED	TEMPLATE	AREAS	CHECKED
NO.					

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 PLOT SCALE = 1/4" = 1' / in.  
 PLOT DATE = 1/22/2019

DESIGNED - JJC  
 DRAWN - TWC  
 CHECKED - JWR  
 DATE - 01-22-19

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CARGILL ELEVATOR ROAD  
 CROSS SECTIONS**

SCALE: SHEET NO. 40 OF 40 SHEETS STA. 151+23.94 TO STA. 152+33.60

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH37	05-00043-00-PV	ST. CLAIR	96	96
CONTRACT NO. 97654				
ILLINOIS FED. AID PROJECT				