

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

FAI ROUTE 55 (I-55)
SECTION (54-3)SCR

SCOUR MITIGATION
LOGAN COUNTY
C-96-018-17

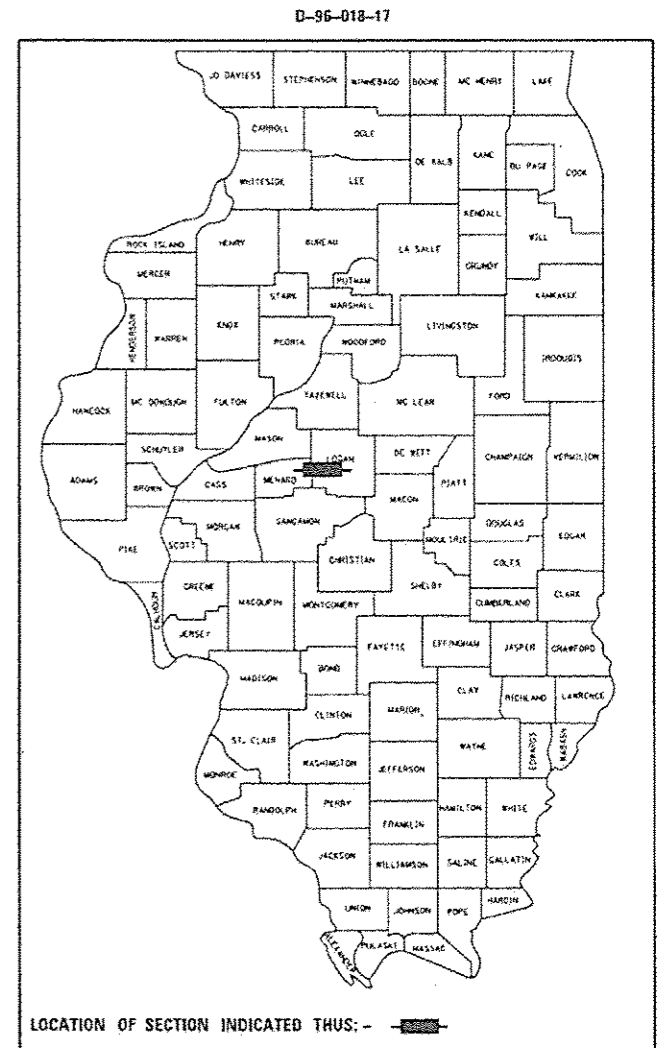
INTERSTATE 55 OVER SALT CREEK
LEVEE REPAIR AND SCOUR MITIGATION

R 2 E

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(54-3)SCR	LOGAN	24	1
		ILLINOIS	CONTRACT NO. 72J56	

INDEX OF SHEETS

SHEET NO.	ITEM
1	COVER SHEET
2	GENERAL NOTES SHEET
3	SUMMARY OF QUANTITIES
4	TYPICAL SECTIONS
5	PLAN AND PROFILE SHEETS - SOUTH LEVEE
6	PLAN AND PROFILE SHEETS - NORTH LEVEE
7	EROSION CONTROL SHEET
8	DISTRICT 6 STANDARD DETAILS
9-24	CROSS SECTIONS SHEETS

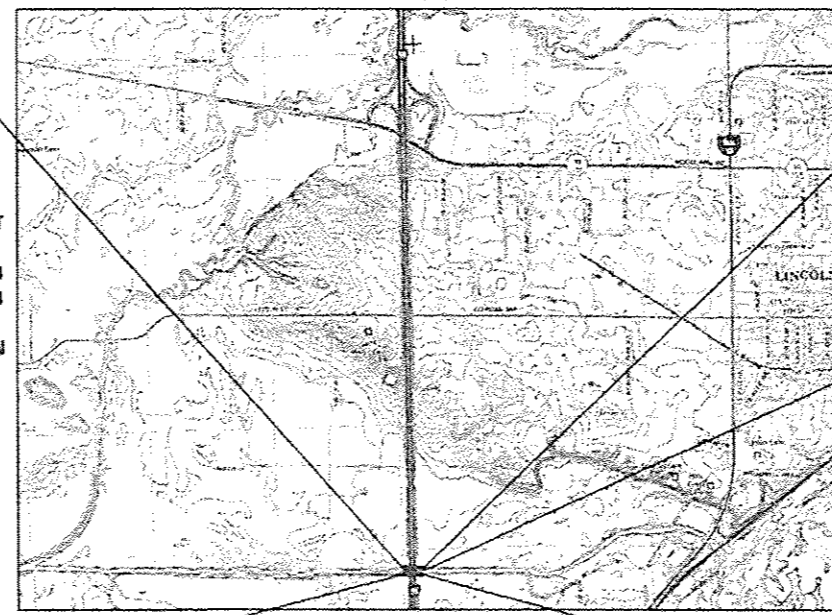


BEGIN SECTION
NORTH LEVEE
STA. 200 + 25.00

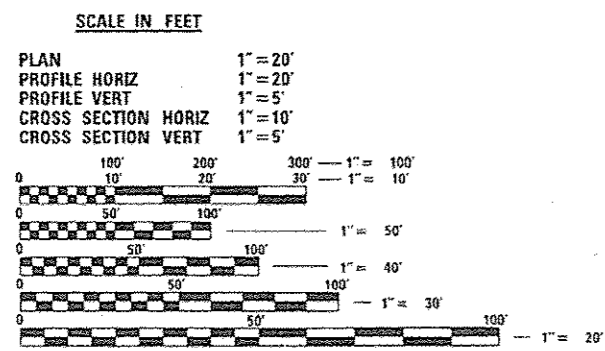
END SECTION
NORTH LEVEE
STA. 203 + 75.00

BEGIN SECTION
SOUTH LEVEE
STA. 100 + 25.00

END SECTION
SOUTH LEVEE
STA. 103 + 75.00



EXIST S.N. 054-0041 AND
EXIST S.N. 054-0042
2.1 MILES SOUTH OF
IL ROUTE 10

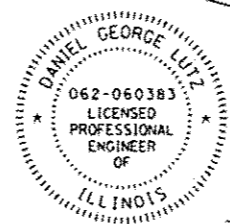
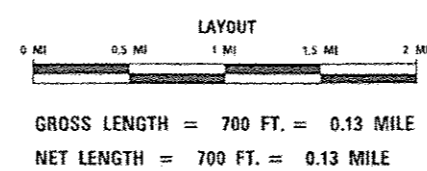


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: BRANDON DUDLEY (217) 785-9290

CONTRACT NO. 72J56



D. Dudley 4/17/2017
Date
DANIEL G. LUTZ, P.E.
IL P.E. NO. 062-060383
EXPIRES: 11/30/2017

OATES ASSOCIATES
Engineering + Architecture

COLINSVILLE 100 Linter Court, Suite 1 Colinsville, IL 62234 tel 618.345.2200	BELLEVILLE 20 E. Main Street Belleville, IL 62220 tel 618.416.4888	ST. LOUIS 720 Olive, Suite 700 St. Louis, MO 63101 tel 314.588.8381
---	---	--

www.oatesassociates.com
ILLINOIS DESIGN FIRM LICENSE NO: 184.001115

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED *27 January 2017*

[Signature] REGIONAL ENGINEER

Mar 24 2017

Mausum M. Addis, P.E.
ENGINEER OF DESIGN AND ENVIRONMENT

Mar 24 2017

[Signature] 2
DIRECTOR OF PROGRAM DEVELOPMENT

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

GENERAL NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS, DETAILS, AND CONDITIONS AFFECTING NEW CONSTRUCTION AND MAKE NECESSARY ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION OR A CHANGE IN SCOPE OF THE WORK.
2. LAYOUT OF THE SCOUR MITIGATION SYSTEM MAY BE VARIED TO SUIT GROUND CONDITIONS IN THE FIELD AS DIRECTED BY THE ENGINEER.
3. ALL QUANTITIES SHOWN ARE ESTIMATED QUANTITIES, ACTUAL QUANTITIES TO BE DETERMINED IN THE FIELD.
4. ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO ALL UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

*LEVEL 3 COMMUNICATIONS

MEMBERS OF J.U.L.I.E. (800)-892-0123 ARE INDICATED BY *. NON J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.
5. CONTRACTOR TO LOCATE EXISTING UNDERGROUND UTILITIES. WHERE EXISTING UNDERGROUND UTILITIES CONFLICT WITH RIPRAP PLACEMENT, THE CONTRACTOR SHALL ADJUST THE LAYOUT AS DIRECTED BY THE ENGINEER.
6. GRADE WORK WITHIN THE STREAMBED SO THAT THE TOP OF THE STONE RIPRAP APPROXIMATELY MATCHES THE EXISTING STREAM PROFILE AS DIRECTED BY THE ENGINEER. THE COST OF REMOVING AND DISPOSING OF EXISTING RIPRAP, BRICK, BLOCK, RUBBLE, SOIL, OR OTHER MATERIALS TO MEET THIS REQUIREMENT IS INCLUDED IN THE COST OF STONE RIPRAP, CLASS AS.
7. ANY AREAS DISTURBED FOR ANY REASON OUTSIDE THE LIMITS OF CONSTRUCTION SHALL BE REPAIRED AND/OR RESEDED TO THE SATISFACTION OF THE ENGINEER AND AT THE CONTRACTOR'S EXPENSE.
8. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND MAINTAINING ACCESS TO WORK AREAS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
9. BENCHMARK ELEVATIONS BASED ON NAVD 88 DATUM DERIVED FROM GPS. SURVEY PERFORMED BY OATES ASSOCIATES.

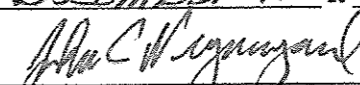
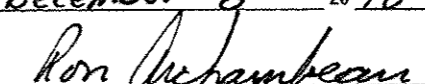
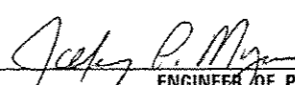
HIGHWAY STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
701101-05	OFF-RD OPERATIONS, MULTILANE, 15' TO 24' FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
701400-09	APPROACH LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-10	LANE CLOSURE, FREEWAY/EXPRESSWAY
701406-11	LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
701901-06	TRAFFIC CONTROL DEVICES

COMMITMENTS

NONE AT THIS TIME

COMMITMENTS ARE NOT TO BE ALTERED WITHOUT THE WRITTEN APPROVAL OF ALL PARTIES TO WHICH THE COMMITMENT WAS MADE.

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS DISTRICT 6	
EXAMINED	<i>December 12 20 16</i>  ENGINEER OF OPERATIONS
EXAMINED	<i>December 9 20 16</i>  ENGINEER OF PROJECT IMPLEMENTATION
EXAMINED	<i>December 12 20 16</i>  ENGINEER OF PROGRAM DEVELOPMENT

FILE NAME : H:\P\1184\1184.015 - Scour Mitigation Plans\Transportation\Information\000 Sheets\0811041.015 - int.gencnotes.dgn

EARTHWORK

STATION	STATION	EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	FURNISHED EXCAVATION
		(CU YD)	(NOTE 1) (CU YD)	(NOTE 2) (CU YD)	(NOTES 3 & 4) (CU YD)	(NOTE 5) (CU YD)
100+25	103+75	2,005	1505	1,495	10	100
200+25	203+75	2,055	1,540	935	605	100
TOTAL		4,060	3,045	2,430	615	200

EARTHWORK NOTES:

- ESTIMATED SHRINKAGE FACTOR = 25%.
- APPROXIMATE EMBANKMENT QUANTITY IS SHOWN FOR INFORMATION ONLY.
- APPROXIMATE EARTHWORK BALANCE IS SHOWN FOR INFORMATION ONLY.
- CONTRACTOR MAY WASTE ANY EARTHWORK BALANCE BY FLATTENING THE SLOPE ON THE OVBANK SIDE OF THE LEVEE
- FURNISHED EXCAVATION QUANTITY IS PROVIDED TO ESTABLISH A UNIT COST SHOULD FURNISHED EXCAVATION BE REQUIRED, AS DIRECTED BY THE ENGINEER

SEEDING

STATION	STATION	OFFSET	SEEDING CL 2A	NITROGEN FERT NUTR	PHOSPHORUS FERT NUTR	POTASSIUM FERT NUTR	AGR GROUND LIMESTONE
			(ACRE)	(POUND)	(POUND)	(POUND)	(TON)
100+25	103+75	RT	0.25	23	23	23	0.5
200+25	203+75	LT	0.25	23	23	23	0.5
TOTAL			0.50	46	46	46	1.0

EROSION CONTROL

STATION	STATION	OFFSET	EROSION CONTR BLANKET	TEMP EROS CONTR SEED	PERIMETER EROS BAR	STONE RIPRAP CL A5	FILTER FABRIC
			(SQ YD)	(NOTE 1) (POUND)	(FOOT)	(SQ YD)	(SQ YD)
100+25	103+75	RT	1,154	50	362	2,022	1,983
200+25	203+75	LT	1,046	50	368	1,828	1,789
TOTAL			2,200	100	730	3,850	3,772

EROSION CONTROL NOTES:

- THE QUANTITY FOR TEMPORARY EROSION CONTROL SEEDING ASSUMES TWO SEPARATE APPLICATIONS AT A RATE OF 100 POUNDS/ACRE PER APPLICATION. THE CONTRACTOR SHALL APPLY AS NECESSARY AND AS DIRECTED BY THE ENGINEER IN THE FIELD.

TREE REMOVAL

STATION	STATION	LOCATION	TREE REMOV ACRES
			(ACRE)
100+25	103+75	SOUTH LEVEE	0.13
102+75	103+75	SOUTH LEVEE	0.13
200+25	201+25	NORTH LEVEE	0.12
202+75	203+75	NORTH LEVEE	0.12
TOTAL			0.50

TREE REMOVAL NOTES:

- SEE SPECIAL PROVISIONS FOR TREE REMOVAL

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	RURAL	
				100% STATE	BRIDGE
				0014	LOGAN
20100500	TREE REMOVAL, ACRES	ACRE	0.50		0.50
20200100	EARTH EXCAVATION	CU YD	4,060		4,060
20400800	FURNISHED EXCAVATION	CU YD	200		200
25000210	SEEDING, CLASS 2A	ACRE	0.50		0.50
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	46		46
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	46		46
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	46		46
25000700	AGRICULTURAL GROUND LIMESTONE	TON	1.0		1.0
25100630	EROSION CONTROL BLANKET	SQ YD	2,200		2,200
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	100		100
28000400	PERIMETER EROSION BARRIER	FOOT	730		730
28100109	STONE RIPRAP, CLASS A5	SQ YD	3,850		3,850
28200200	FILTER FABRIC	SQ YD	3,772		3,772
67100100	MOBILIZATION	LSUM	1		1
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	LSUM	1		1

15

LE 1000 - H:\N\1811181\B15 - Scour Mitigation Plans\Transportation\Information\0600 Sheets\061181.B15 - sht-500.dgn



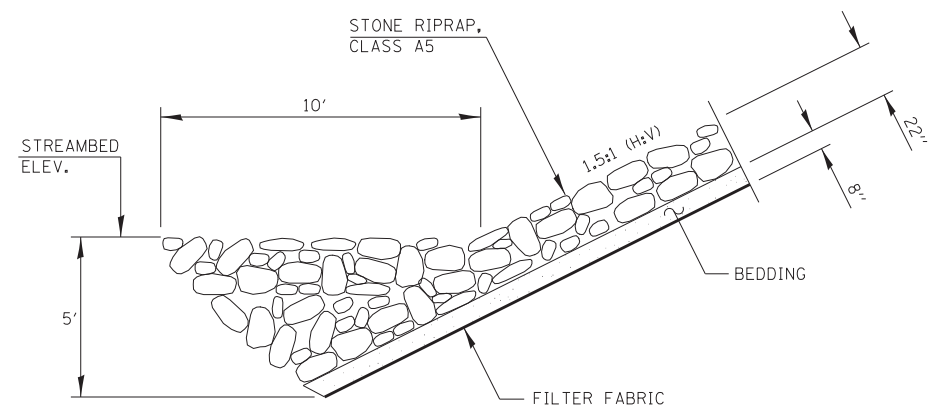
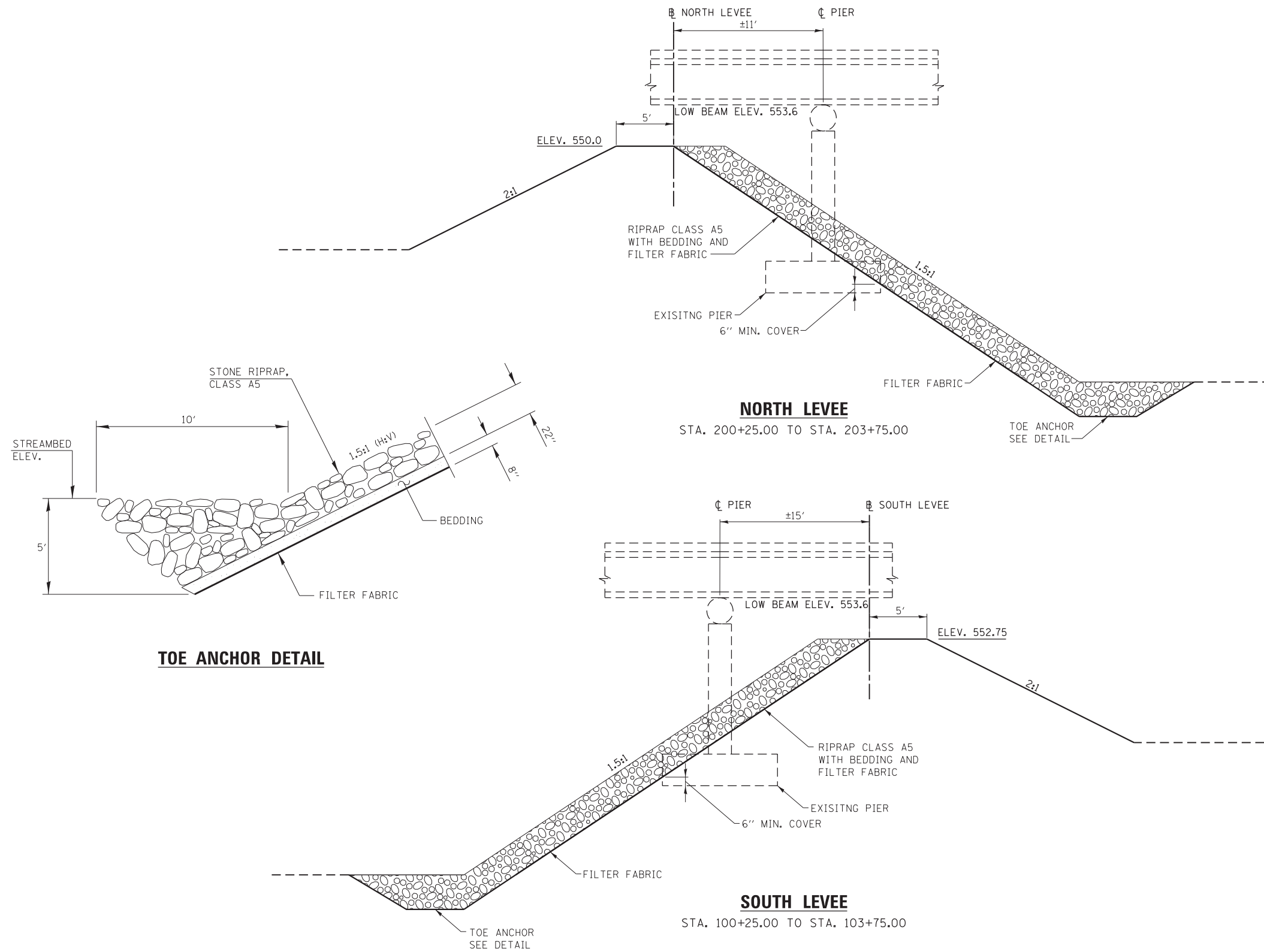
USER NAME : mact.fields	DESIGNED -	REVISED -
PLLOT SCALE : 100.0000 1/16" = 1'	DRAWN -	REVISED -
PLLOT DATE : 1/16/2017	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(54-3)SCR	LOGAN	24	3
CONTRACT NO. 72J56				

FILE NAME = H:\P\1041\1041.015 - Scour Mitigation Plans\Transportation\Microstation\CADD_Sheets\081041.015 - sht-typical.dgn



TOE ANCHOR DETAIL

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

SCALE: NTS SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(54-3)SCR	LOGAN	24	4
CONTRACT NO. 72J56				
ILLINOIS FED. AID PROJECT				

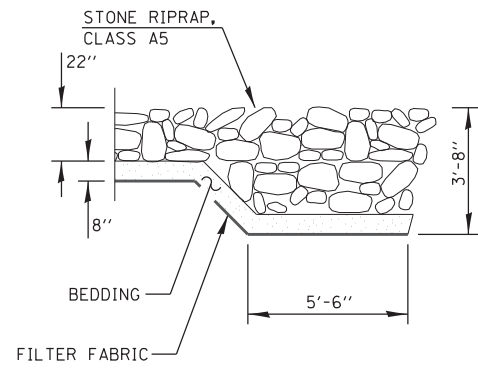
USER NAME = matt.fields	DESIGNED -	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 1/16/2017	CHECKED -	REVISED -
	DATE -	REVISED -



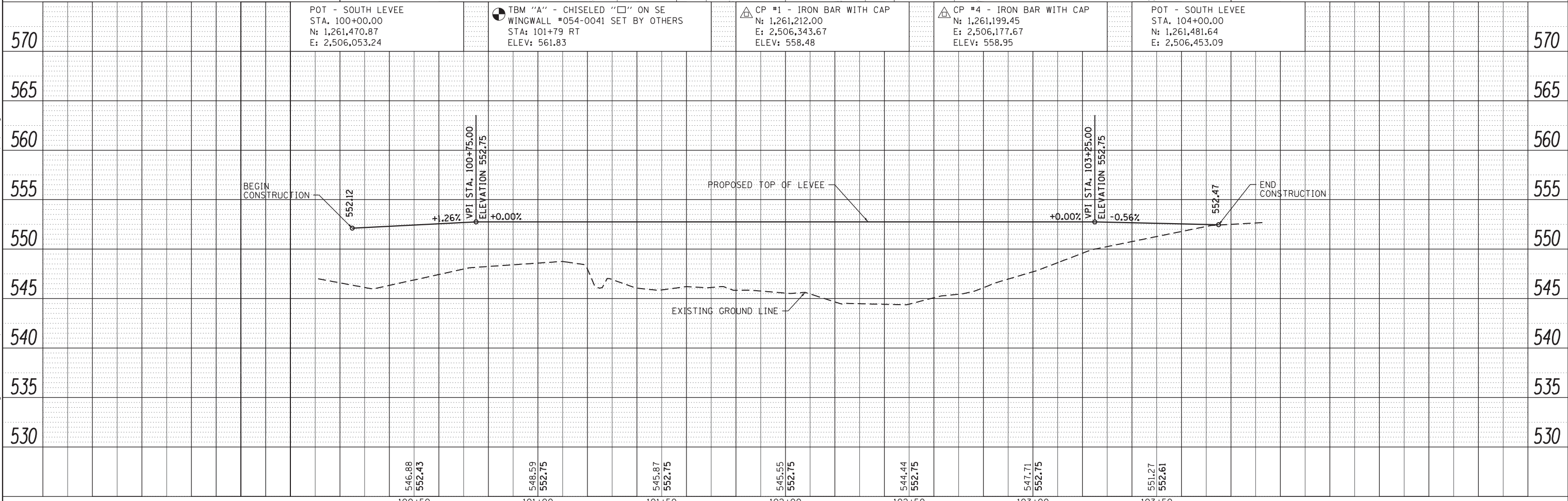
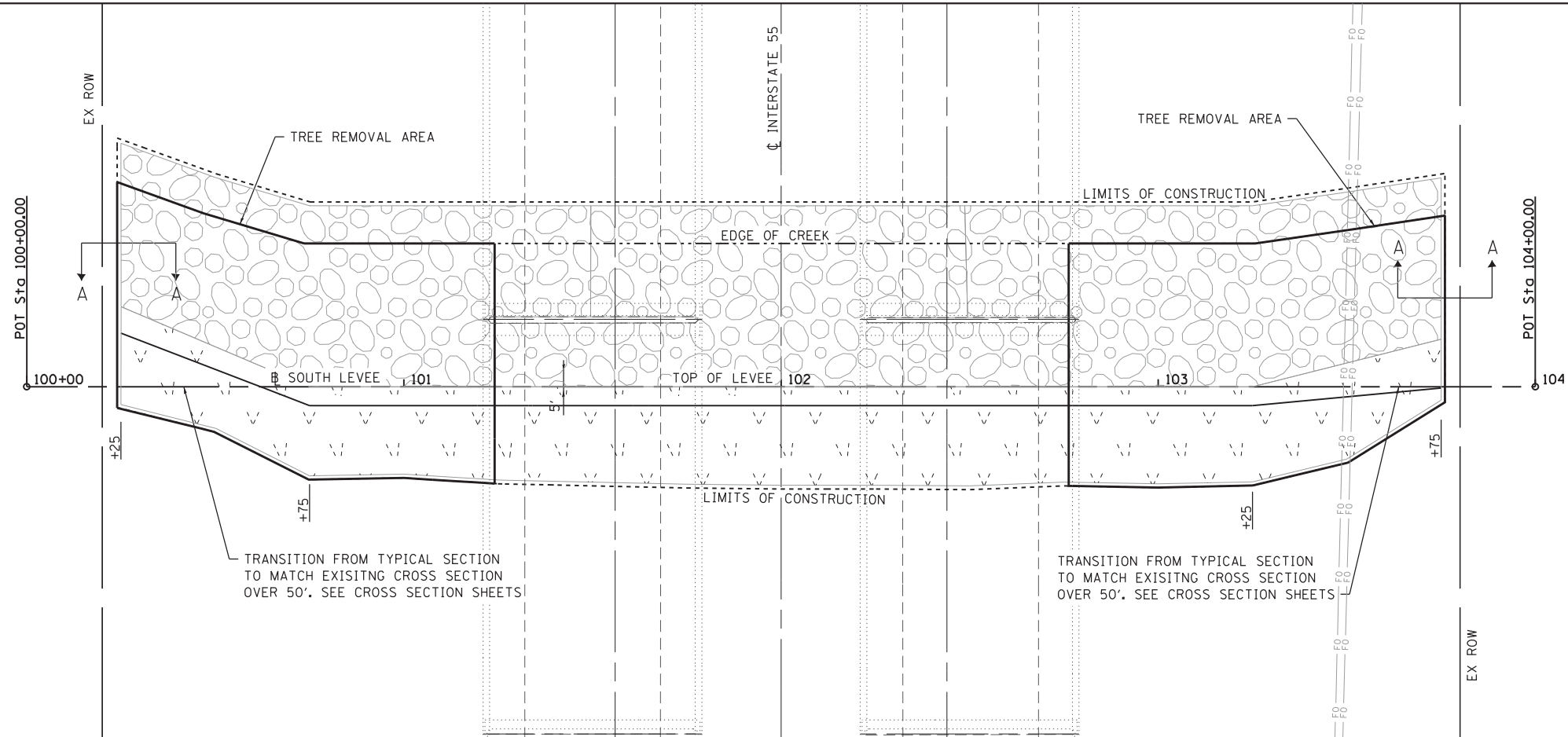
PLAN	SURVEYED	BY	DATE
	PLOTTED		
	NOTE BOOK		
	NO.		
	CHECKED		
	FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	NO.		
	STRUCTURE		
	NOT AT THIS OFFICE		

FILE NAME = H:\P\104\104\104_015 - Scour Mitigation Plans\Transportation\Microstation\CADD Sheets\0104104_015 - sht-plnpr.fgd

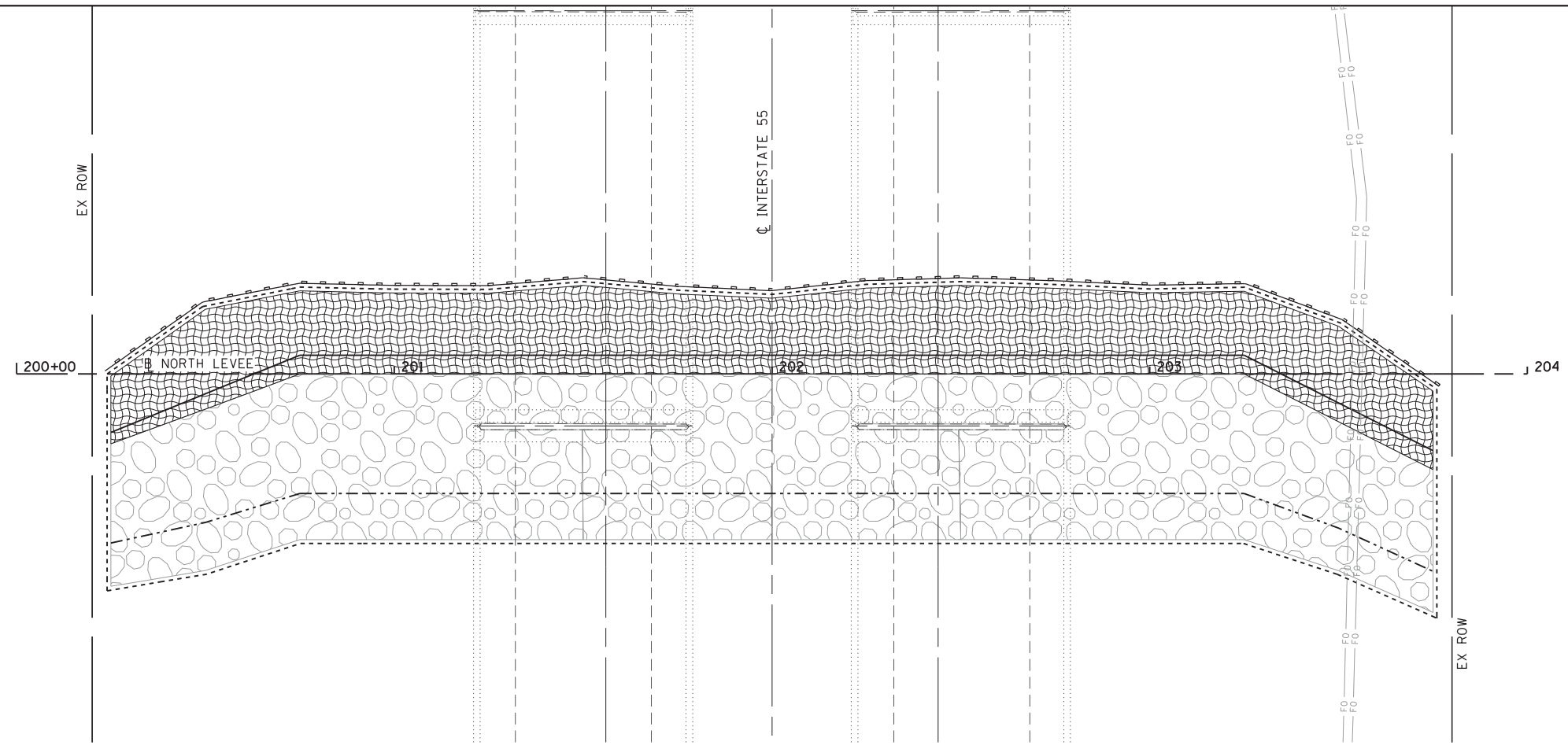


SECTION A-A

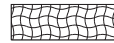



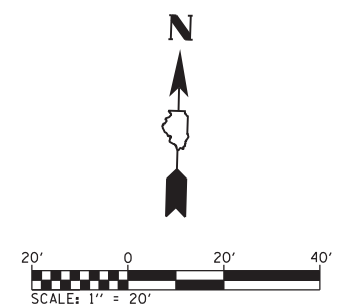
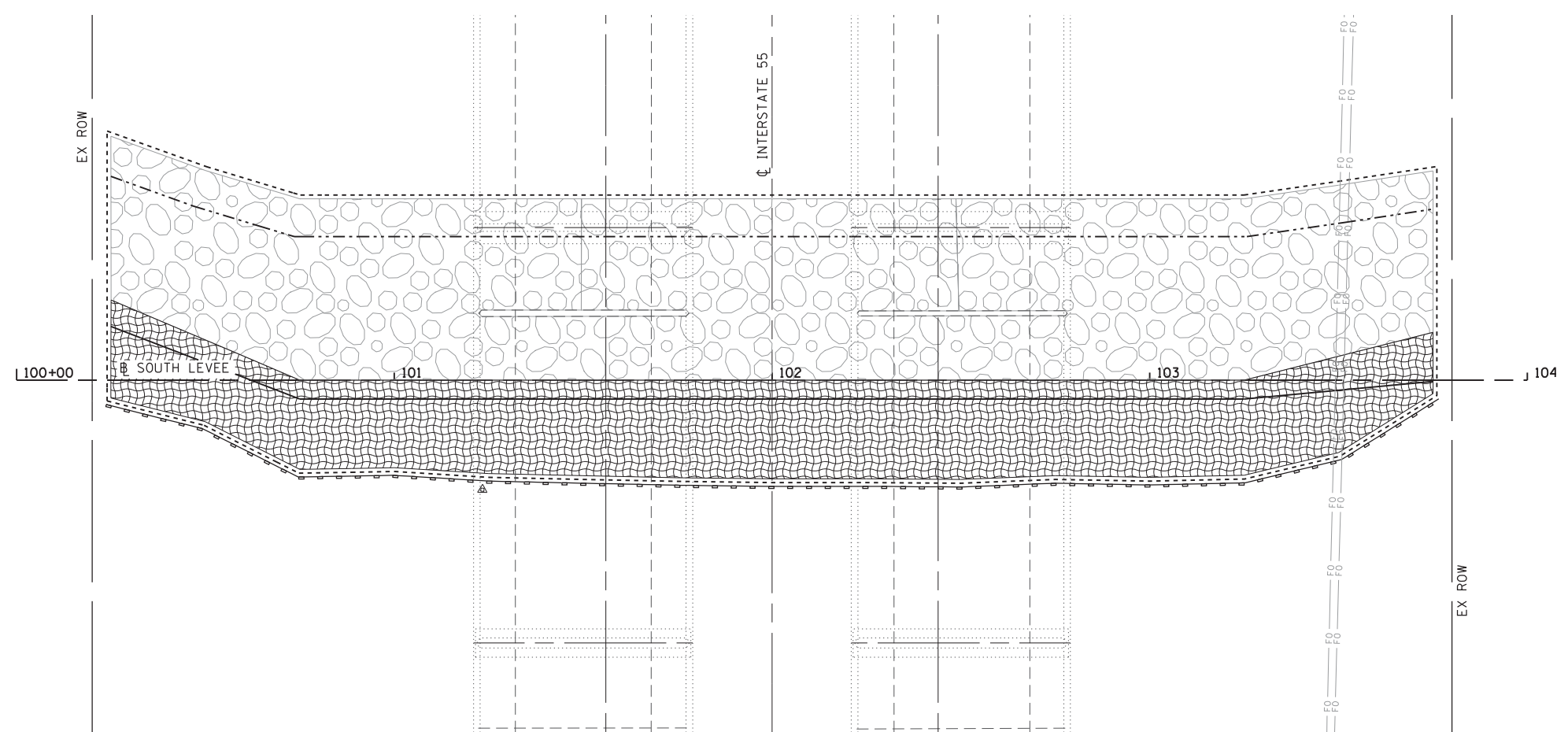
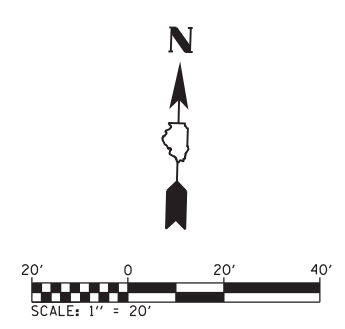
570	POT - SOUTH LEVEE STA. 100+00.00 N: 1,261,470.87 E: 2,506,053.24	TBM "A" - CHISELED "□" ON SE WINGWALL #054-0041 SET BY OTHERS STA: 101+79 RT ELEV: 561.83	CP #1 - IRON BAR WITH CAP N: 1,261,212.00 E: 2,506,343.67 ELEV: 558.48	CP #4 - IRON BAR WITH CAP N: 1,261,199.45 E: 2,506,177.67 ELEV: 558.95	POT - SOUTH LEVEE STA. 104+00.00 N: 1,261,481.64 E: 2,506,453.09	570		
565						565		
560						560		
555	BEGIN CONSTRUCTION				END CONSTRUCTION	555		
550						550		
545						545		
540						540		
535						535		
530						530		
	100+50	101+00	101+50	102+00	102+50	103+00	103+50	
	546.88 552.43	548.59 552.75	545.87 552.75	545.55 552.75	544.44 552.75	547.71 552.75	551.27 552.61	
USER NAME = matt.fields		DESIGNED -	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			F.A.I RTE.	
DRAWN -		REVISD -	PLAN AND PROFILE SHEETS SOUTH LEVEE			SECTION	TOTAL SHEETS	SHEET NO.
CHECKED -		REVISD -	SCALE: 1"=20'			55	24	5
DATE -		REVISD -	SHEET 1 OF 1 SHEETS			LOGAN		CONTRACT NO. 72J56
PLOT SCALE = 40.0000' / in.		STA. 100+00.00 TO STA. 104+00.00			ILLINOIS FED. AID PROJECT			
PLOT DATE = 1/16/2017								

FILE NAME = H:\P\1041\1041.015 - Scour Mitigation Plans\Transportation\Microstation\CADD_Sheets\081041.015 - sht-eros.dgn



EROSION CONTROL LEGEND

-  EROSION CONTROL BLANKET
-  PERIMETER EROSION BARRIER



USER NAME = matt.fields	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/16/2017	DATE -	REVISED -

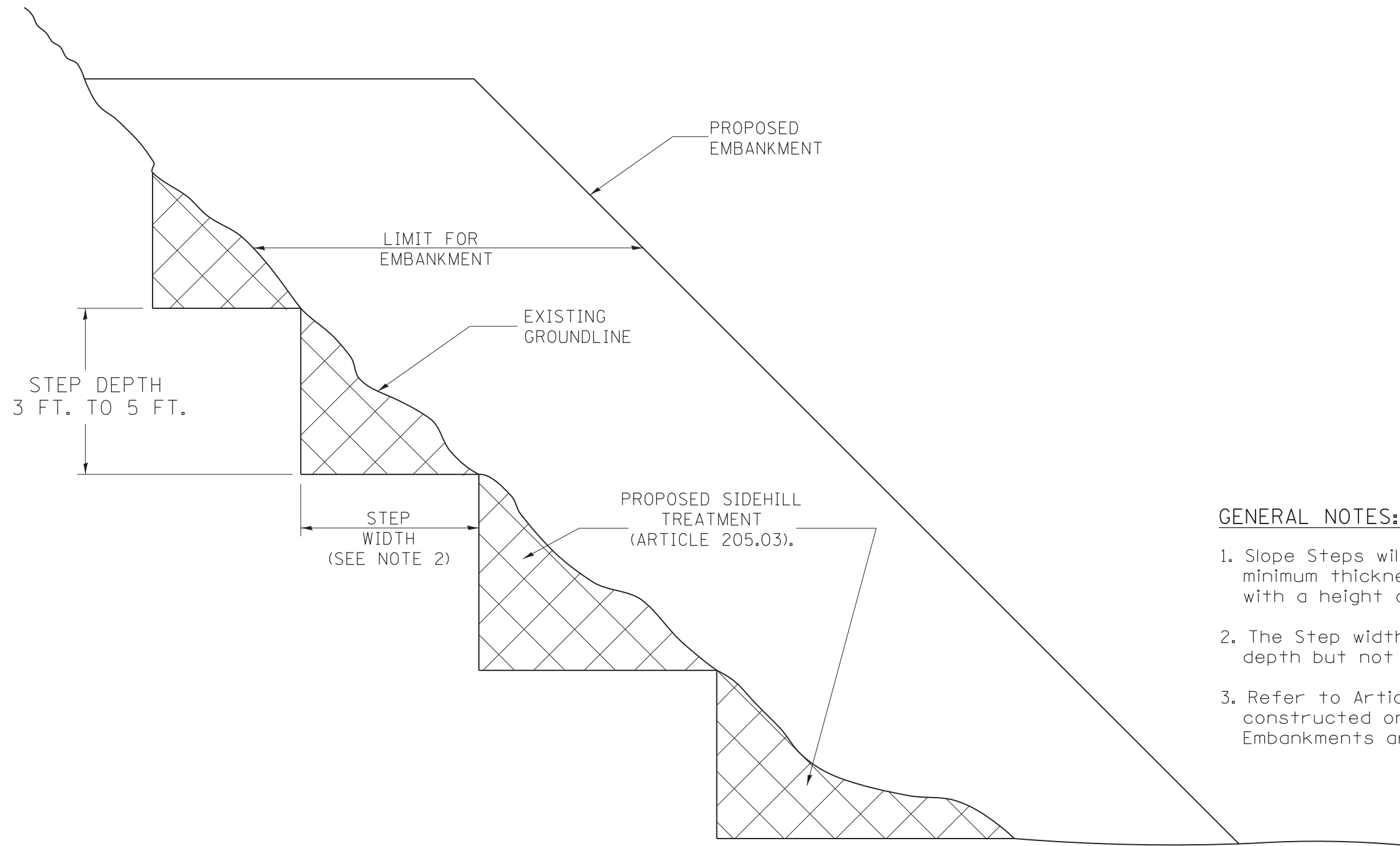
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL SHEET

SCALE: 1"=20' SHEET 1 OF 1 SHEETS STA. 100+20.00 TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(54-3)SCR	LOGAN	24	7
CONTRACT NO. 72J56				
ILLINOIS FED. AID PROJECT				

SLOPE STEPS DETAIL
 TYPICAL CROSS-SECTION EMBANKMENT
 CONSTRUCTION ON SIDEHILL



GENERAL NOTES:

1. Slope Steps will be required for all 12 (300) minimum thickness "silver fills" and on a fills with a height of 10' (3.0 m).
2. The Step width shall be twice the Step depth but not less than 6 feet.
3. Refer to Article 205.03 for Embankment to be constructed on Hillside or Slopes, or if existing Embankments are to be widened.

REPLACEMENT MATERIAL:



STANDARD EMBANKMENT
 (IN ACCORDANCE WITH
 205 OF THE STANDARD SPECIFICATION).

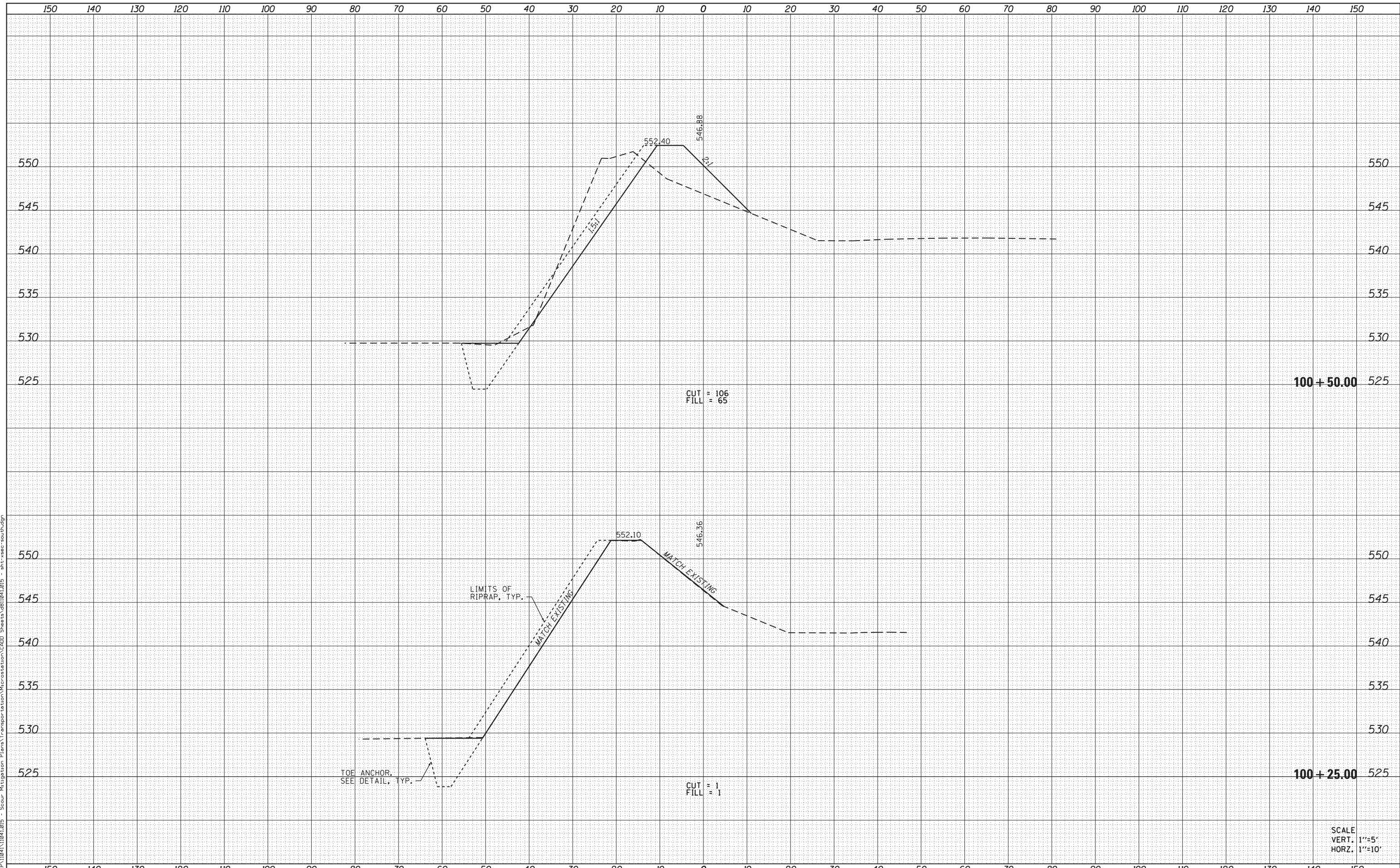
All dimensions are in inches
 (millimeters) unless otherwise noted.

FILE NAME =	USER NAME = matt.fields	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT 6 STANDARD DETAILS	F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.				
SLOPESTEP.DGN						SCALE:	SHEET 1 OF 1 SHEETS	STA.	TO STA.	55	(54-3)SCR	LOGAN	24	8
PLOT SCALE = 40.0000' / in.						CHECKED -	REVISED -	CONTRACT NO. 72J56						
PLOT DATE = 1/16/2017						DATE -	REVISED -	ILLINOIS FED. AID PROJECT						

DATE	
BY	
FINISHED SURVEY	
PLOTTED TEMPLATE	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED TEMPLATE	
AREAS CHECKED	
NO.	

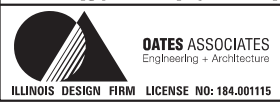
FILE NAME = H:\P\1104\11041.015 - Scour Mitigation Plans\Transportation\Microstation\CADD Sheets\011041.015 - sht-rsc-south.dgn



100 + 50.00

100 + 25.00

SCALE
VERT. 1"=5'
HORZ. 1"=10'



USER NAME = matt.fields
DESIGNED -
DRAWN -
PLOT SCALE = 20.0000' / in.
CHECKED -
PLOT DATE = 1/16/2017

DESIGNED -
REVISIED -
CHECKED -
DATE -

REVISIED -
REVISIED -
REVISIED -
REVISIED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTION SHEETS

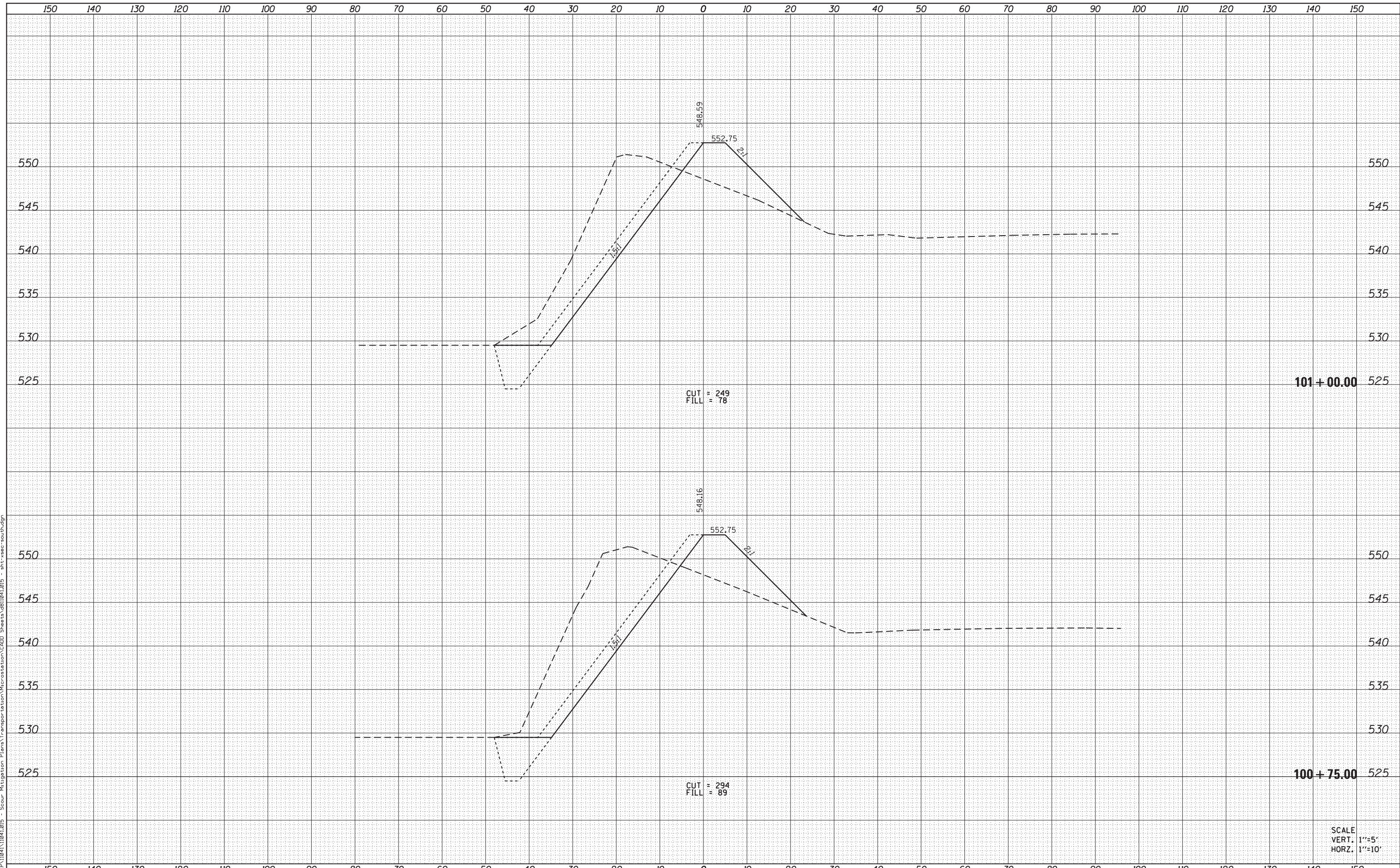
SCALE: SHEET 1 OF 16 SHEETS STA. 100+25.00 TO STA. 100+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(54-3)SCR	LOGAN	24	9
CONTRACT NO. 72J56				
ILLINOIS FED. AID PROJECT				

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

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

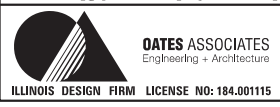
FILE NAME = H:\P\1104\11041.015 - Scour Mitigation Plans\Transportation\Microstation\CADD Sheets\011041.015 - sht-sec-south.dgn



101 + 00.00

100 + 75.00

SCALE
VERT. 1"=5'
HORZ. 1"=10'



USER NAME = matt.fields	DESIGNED -	REVISD -
	DRAWN -	REVISD -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISD -
PLOT DATE = 1/16/2017	DATE -	REVISD -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTION SHEETS

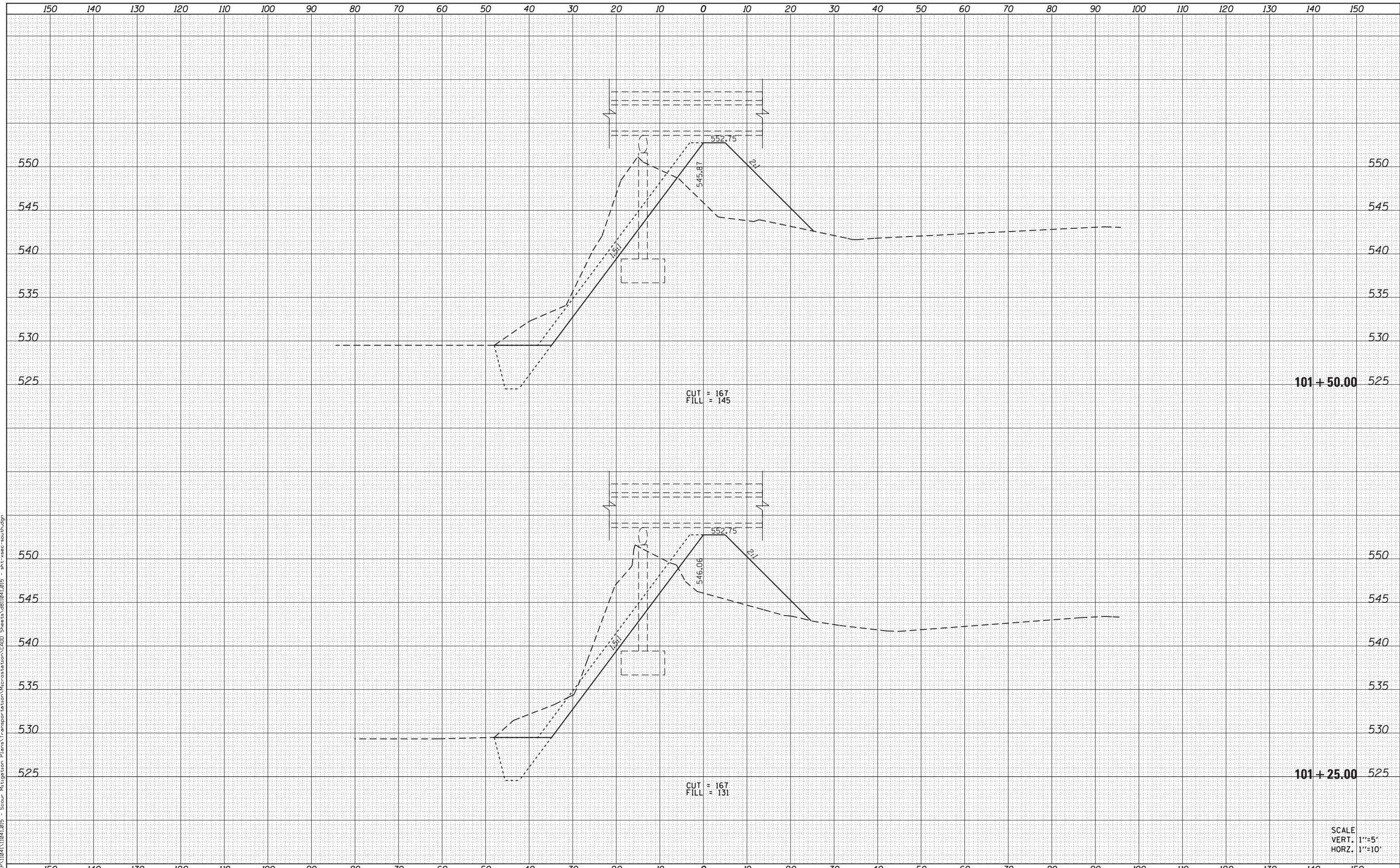
SCALE: SHEET 2 OF 16 SHEETS STA. 100+75.00 TO STA. 101+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(54-3)SCR	LOGAN	24	10
CONTRACT NO. 72J56				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINISHED SURVEY	
PLOTTED TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

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

FILE NAME = H:\P\1104\11041.015 - Scour Mitigation Plans\Transportation\Microstation\CADD Sheets\011041.015 - sht-sec-south.dgn



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTION SHEETS

USER NAME = matt.fields	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/16/2017	DATE -	REVISED -

SCALE: SHEET 3 OF 16 SHEETS STA. 101+25.00 TO STA. 101+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(54-3)SCR	LOGAN	24	11
CONTRACT NO. 72J56				

ILLINOIS FED. AID PROJECT

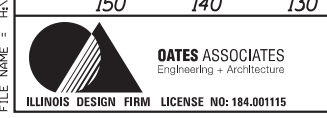
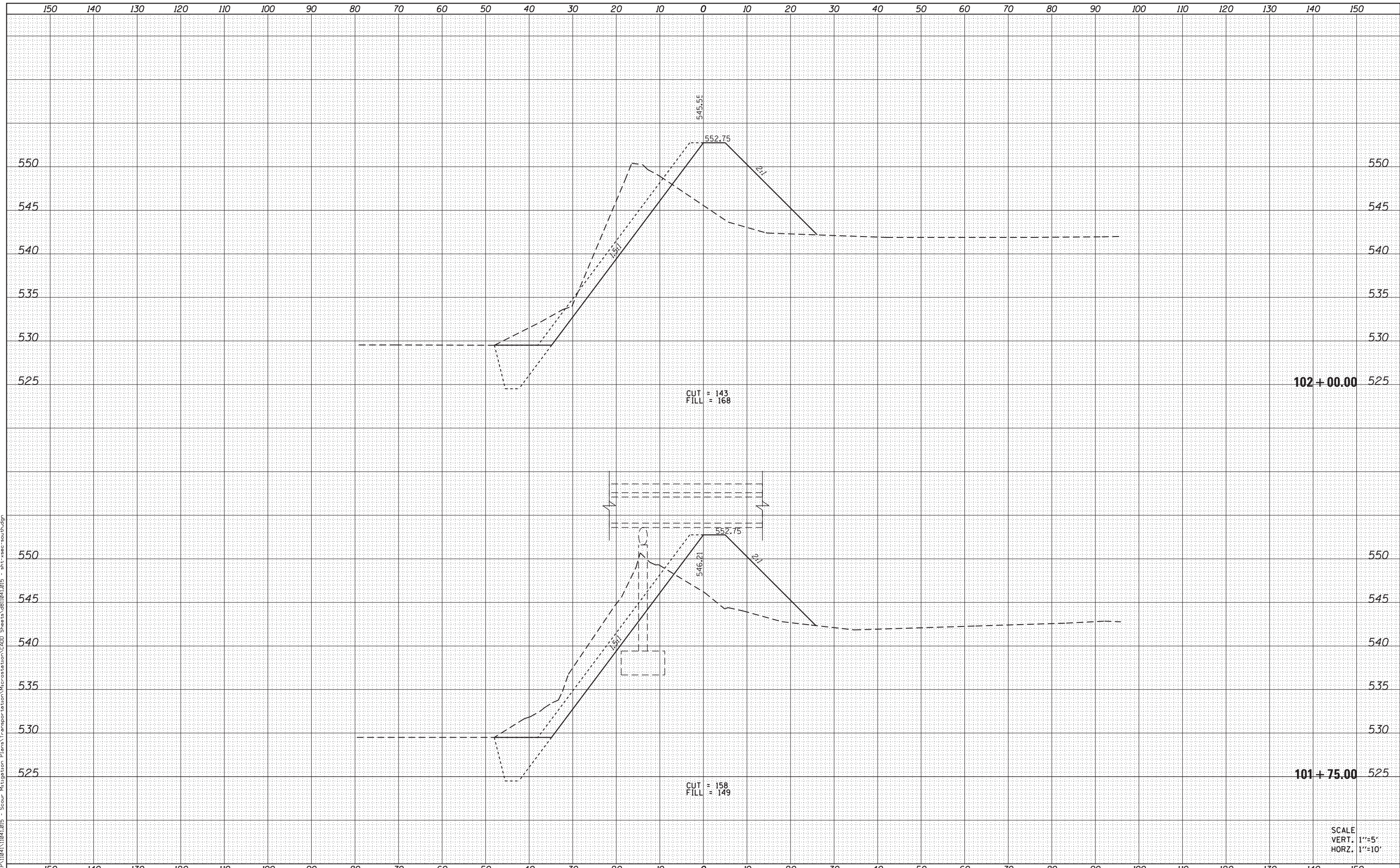


SCALE
VERT. 1"=5'
HORZ. 1"=10'

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

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

FILE NAME = H:\P\1104\11041.015 - Scour Mitigation Plans\Transportation\Microstation\CADD Sheets\011041.015 - sht-rsc-south.dgn



USER NAME = matt.fields	DESIGNED -	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 1/16/2017	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTION SHEETS	
SCALE:	SHEET 4 OF 16 SHEETS STA. 101+75.00 TO STA. 102+00.00

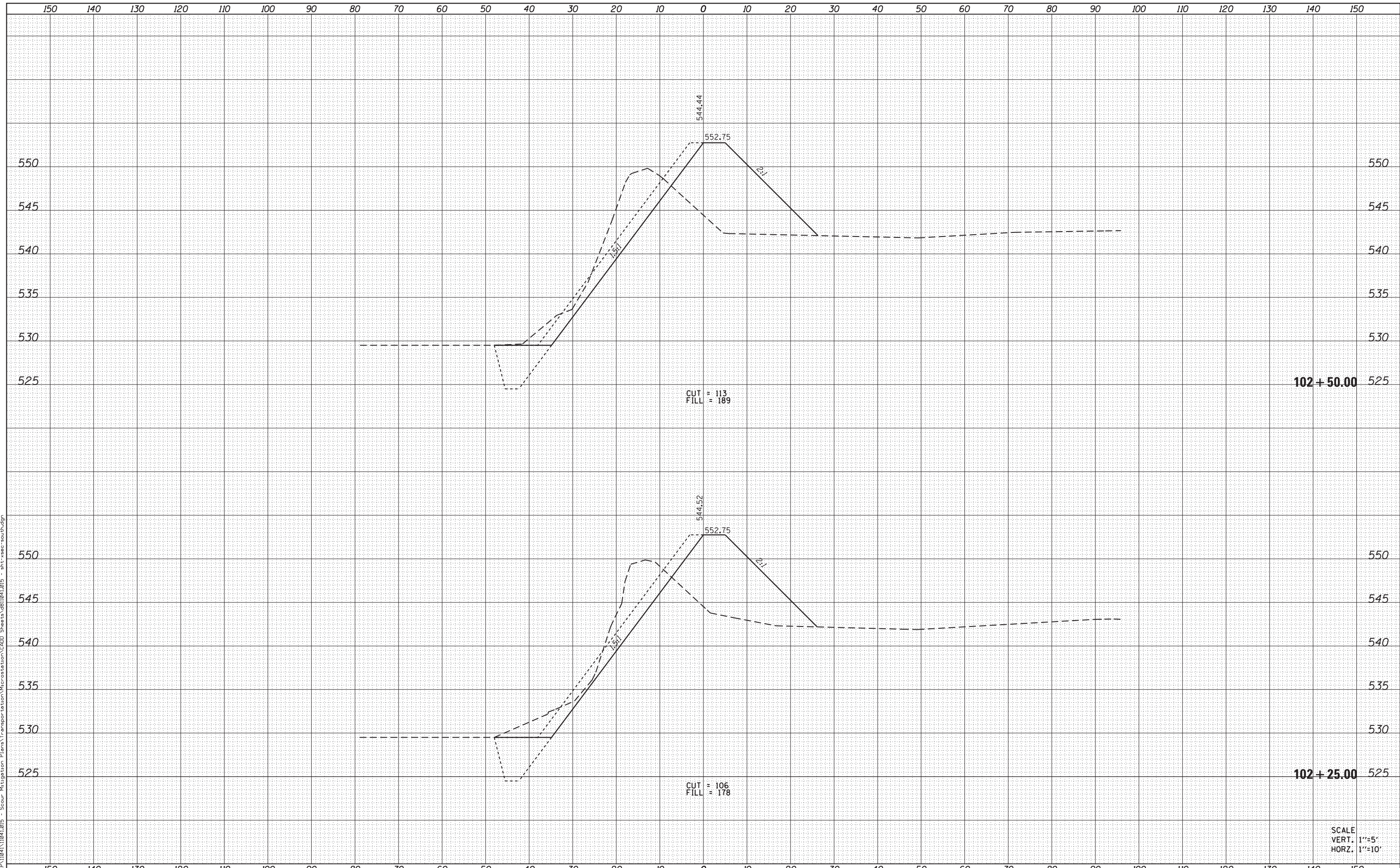
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(54-3)SCR	LOGAN	24	12
CONTRACT NO. 72J56				
ILLINOIS FED. AID PROJECT				

SCALE
VERT. 1"=5'
HORZ. 1"=10'

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

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

FILE NAME = H:\P\1104\11041.015 - Scour Mitigation Plans\Transportation\Microstation\CADD Sheets\011041.015 - sht-sec-south.dgn



SCALE
 VERT. 1"=5'
 HORZ. 1"=10'



USER NAME = matt.fields	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/16/2017	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTION SHEETS

SCALE: SHEET 5 OF 16 SHEETS STA. 102+25.00 TO STA. 102+50.00

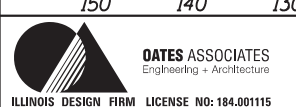
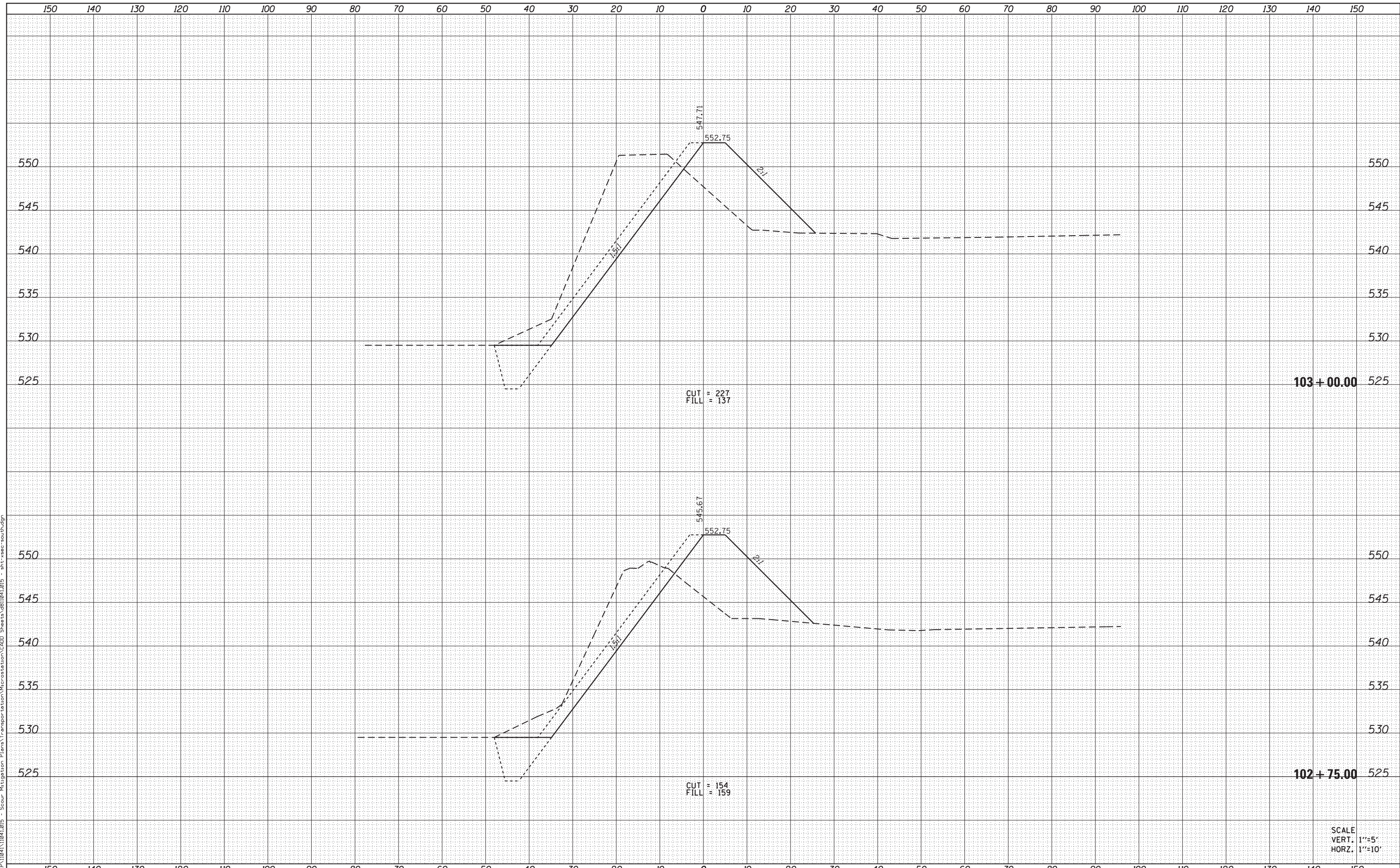
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(54-3)SCR	LOGAN	24	13
CONTRACT NO. 72J56				

ILLINOIS FED. AID PROJECT

DATE	
BY	
FINISHED SURVEY	
PLOTTED TEMPLATE	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED TEMPLATE	
AREAS CHECKED	
NO.	

FILE NAME = H:\P\1104\11041.015 - Scour Mitigation Plans\Transportation\Microstation\CADD Sheets\011041.015 - sht-sec-south.dgn



USER NAME = matt.fields	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/16/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTION SHEETS
SCALE: SHEET 6 OF 16 SHEETS STA. 102+75.00 TO STA. 103+00.00

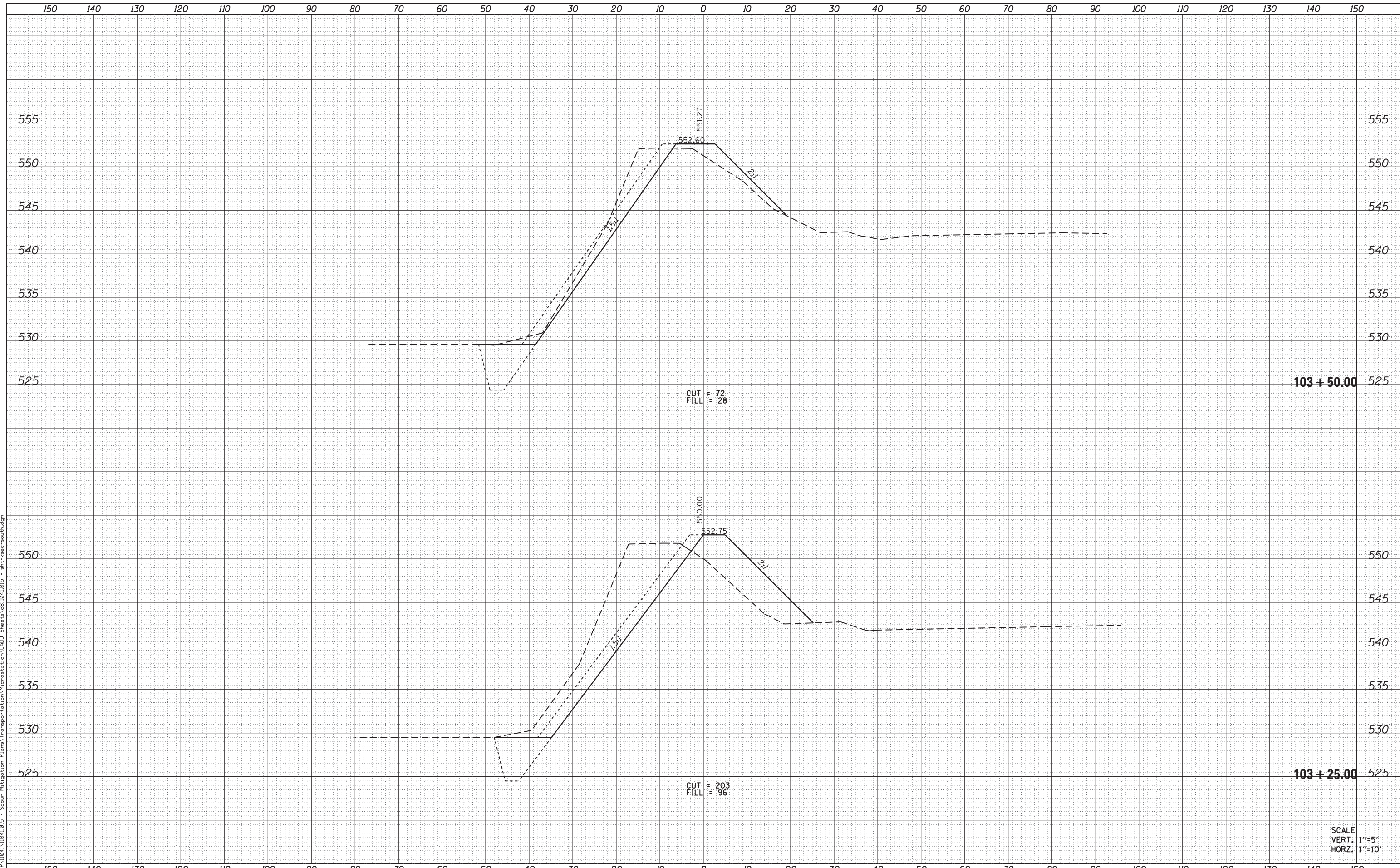
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(54-3)SCR	LOGAN	24	14
CONTRACT NO. 72J56				
ILLINOIS FED. AID PROJECT				

SCALE
VERT. 1"=5'
HORZ. 1"=10'

DATE	
BY	
FINISHED SURVEY	
PLOTTED TEMPLATE	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED TEMPLATE	
AREAS CHECKED	
NO.	

FILE NAME = H:\P\11041\11041.015 - Scour Mitigation Plans\Transportation\Microstation\CADD Sheets\011041.015 - sht-sec-south.dgn



103 + 50.00

103 + 25.00

SCALE
VERT. 1"=5'
HORZ. 1"=10'



USER NAME = matt.fields	DESIGNED -	REVISD -
	DRAWN -	REVISD -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISD -
PLOT DATE = 1/16/2017	DATE -	REVISD -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTION SHEETS

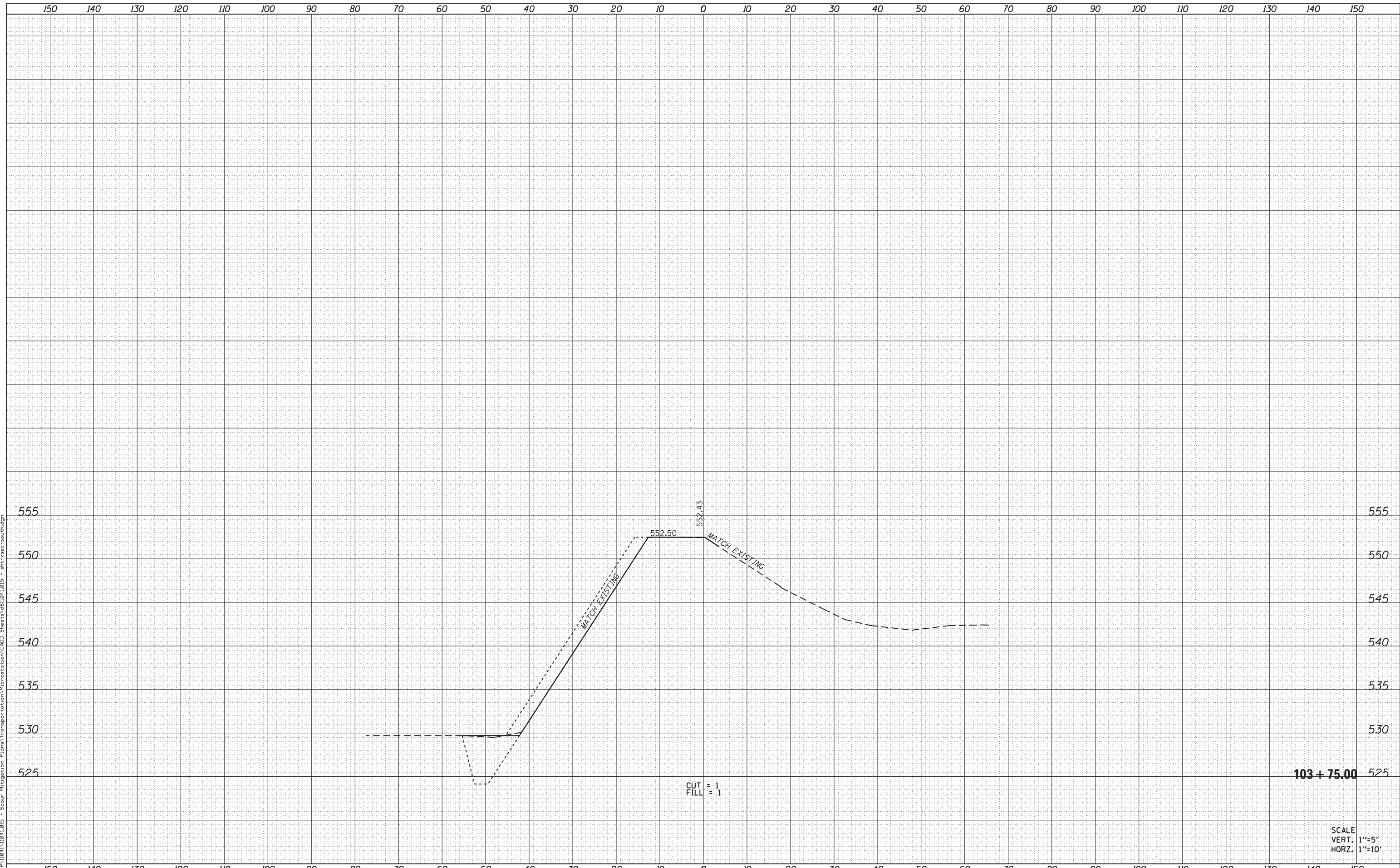
SCALE: SHEET 7 OF 16 SHEETS STA. 103+25.00 TO STA. 103+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(54-3)SCR	LOGAN	24	15
CONTRACT NO. 72J56				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINISHED SURVEY	
NOTE BOOK	
NO.	
PLOTTED TEMPLATE	
AREAS CHECKED	

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

FILE NAME = H:\P\104\1041.015 - Scour Mitigation Plans\Transportation\Microstation\CADD Sheets\01041.015 - sht-sec-south.dgn



103+75.00

SCALE
VERT. 1"=5'
HORZ. 1"=10'



USER NAME = matt.fields	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/16/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTION SHEETS

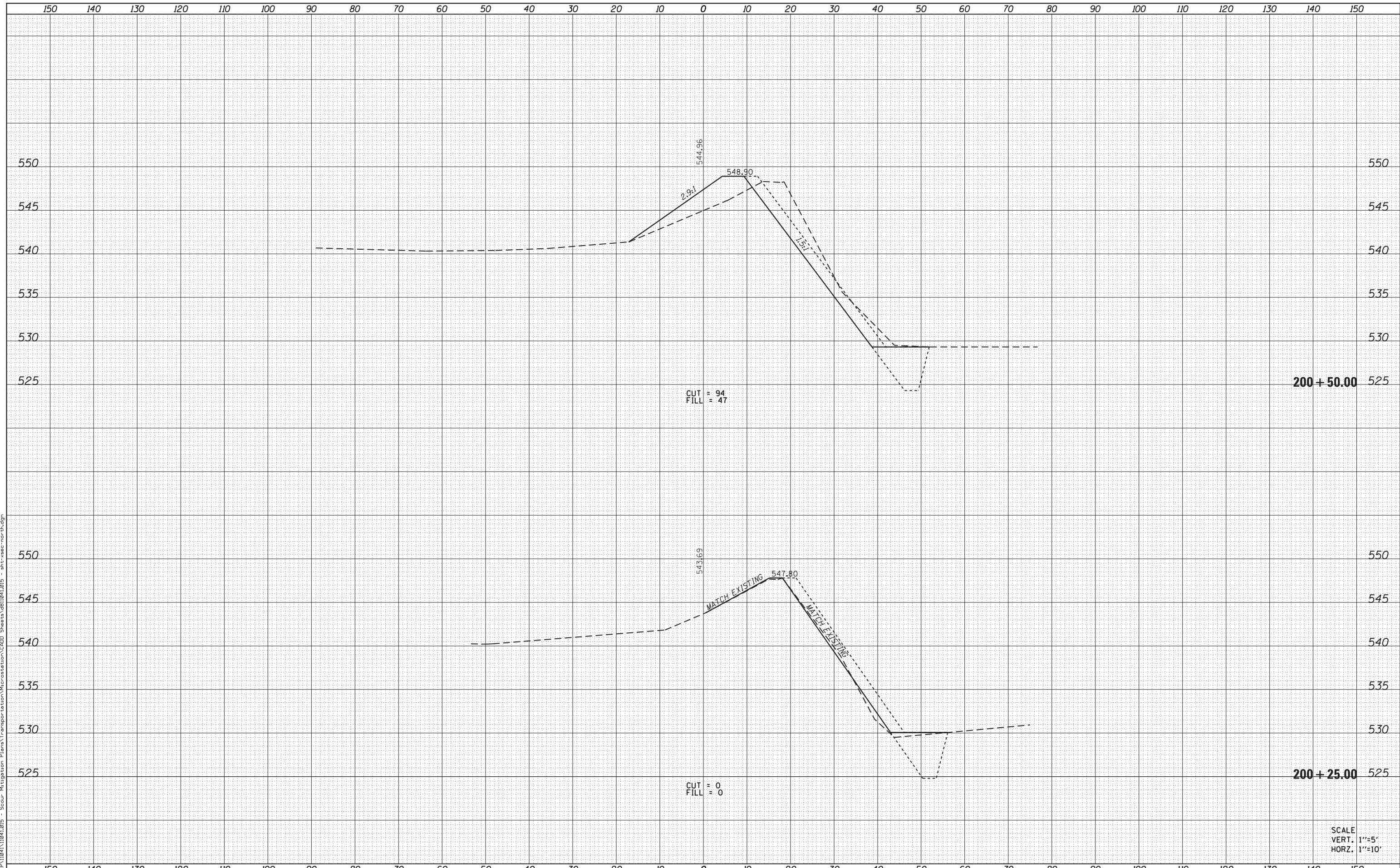
SCALE: SHEET 8 OF 16 SHEETS STA. 103+75.00 TO STA. 103+75.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(54-3)SCR	LOGAN	24	16
CONTRACT NO. 72J56				
ILLINOIS FED. AID PROJECT				

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

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

FILE NAME = H:\P\104\1041.015 - Scour Mitigation Plans\Transportation\Microstation\CADD Sheets\01041.015 - sht-sec-north.dgn



USER NAME = matt.fields	DESIGNED -	REVISIED -
PLOT SCALE = 20.0000' / in.	DRAWN -	REVISIED -
PLOT DATE = 1/16/2017	CHECKED -	REVISIED -
	DATE -	REVISIED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTION SHEETS	
SCALE:	SHEET 9 OF 16 SHEETS STA. 200+25.00 TO STA. 200+50.00

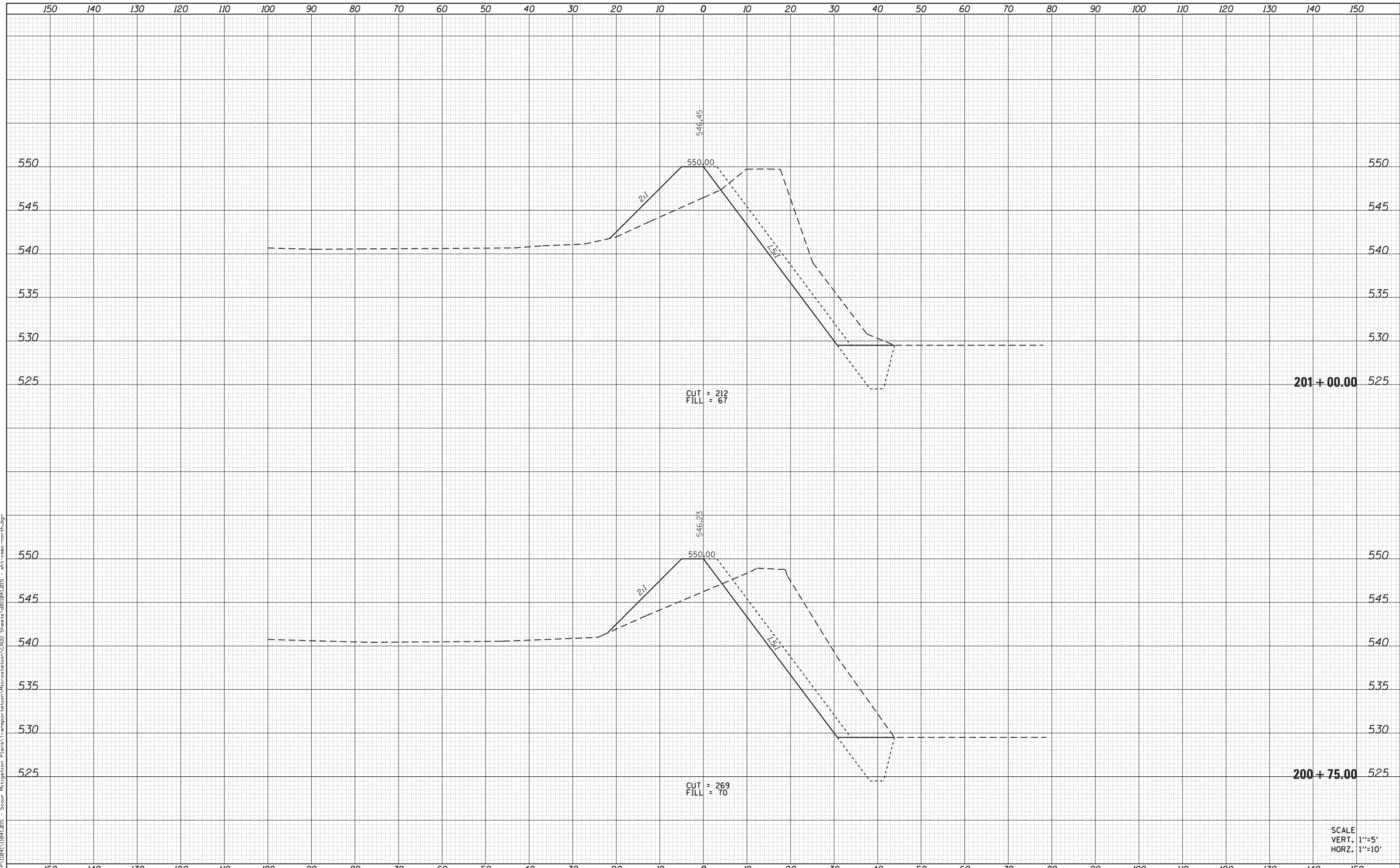
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(54-3)SCR	LOGAN	24	17
CONTRACT NO. 72J56				
ILLINOIS FED. AID PROJECT				

SCALE
VERT. 1"=5'
HORZ. 1"=10'

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

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

FILE NAME = H:\P\104\1041.015 - Scour Mitigation Plans\Transportation\Microstation\CADD Sheets\01041.015 - sht-sec-north.dgn



DATES ASSOCIATES
Engineering - Architecture
ILLINOIS DESIGN FIRM LICENSE NO: 184.001115

USER NAME = matt.fields	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/16/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTION SHEETS		
SCALE:	SHEET 10 OF 16 SHEETS	STA. 200+75.00 TO STA. 201+00.00

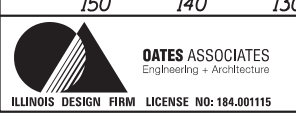
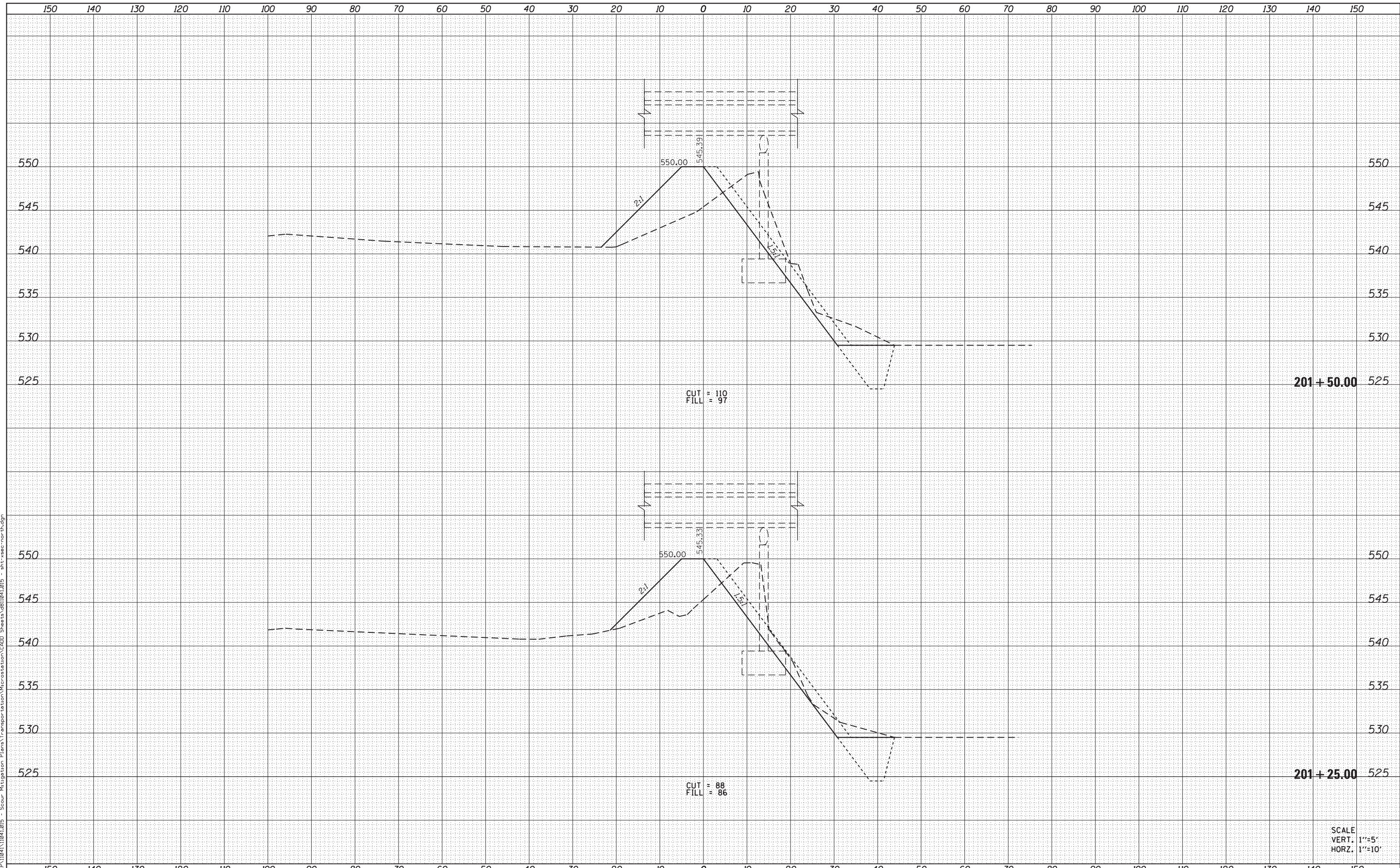
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(54-3)SCR	LOGAN	24	18
CONTRACT NO. 72J56				
ILLINOIS FED. AID PROJECT				

SCALE
VERT. 1"=5'
HORZ. 1"=10'

DATE	
BY	
FINISHED SURVEY	
PLOTTED TEMPLATE	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED TEMPLATE	
AREAS CHECKED	
NO.	

FILE NAME = H:\P\1104\11041.015 - Scour Mitigation Plans\Transportation\Microstation\CADD Sheets\011041.015 - sht-sec north.dgn



USER NAME = matt.fields	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/16/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTION SHEETS

SCALE: SHEET 11 OF 16 SHEETS STA. 201+25.00 TO STA. 201+50.00

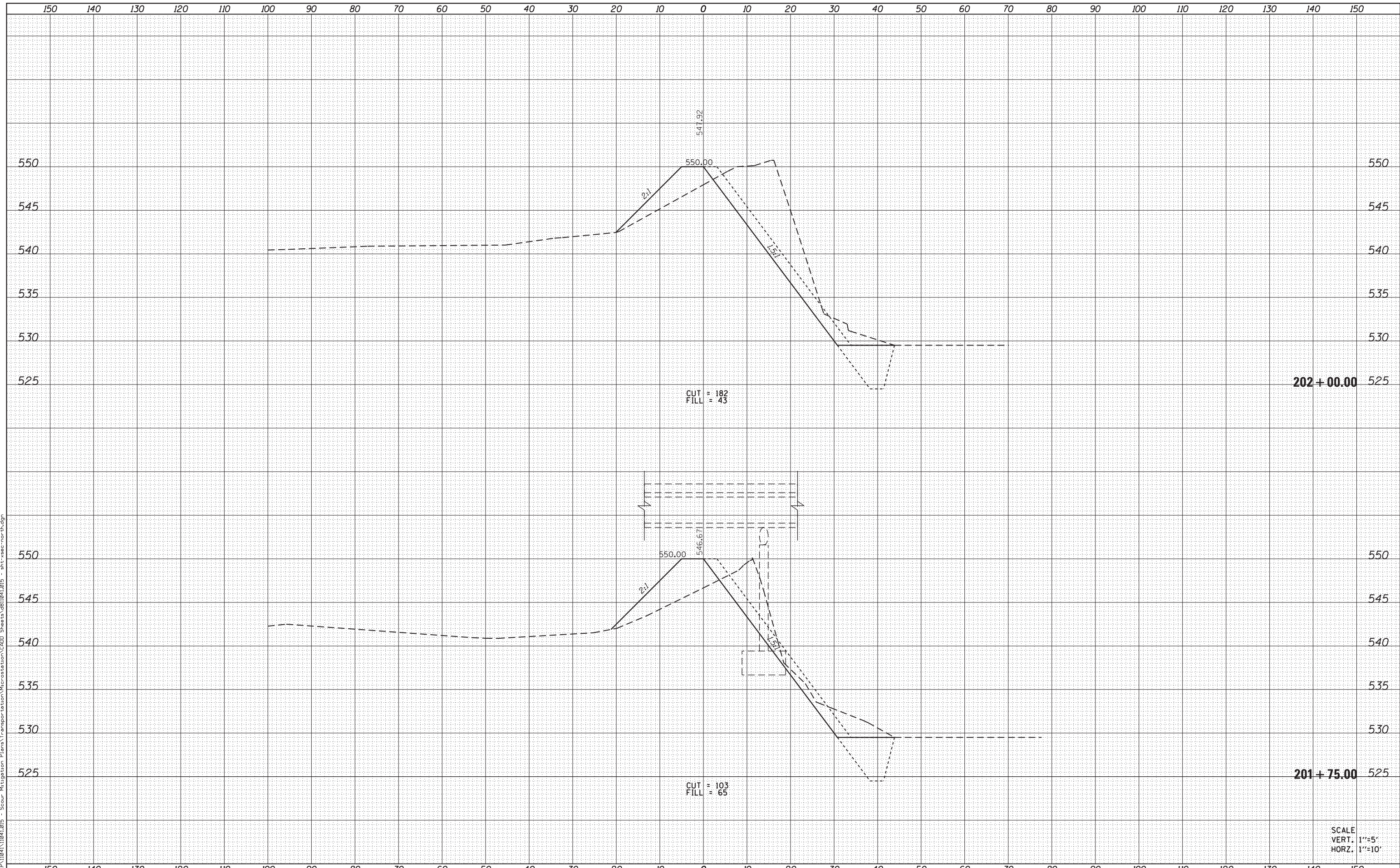
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(54-3)SCR	LOGAN	24	19
CONTRACT NO. 72J56				
ILLINOIS FED. AID PROJECT				

SCALE
VERT. 1"=5'
HORZ. 1"=10'

DATE	
BY	
FINISHED SURVEY	
PLOTTED TEMPLATE	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED TEMPLATE	
AREAS CHECKED	
NO.	

FILE NAME = H:\P\1104\11041.015 - Scour Mitigation Plans\Transportation\Microstation\CADD Sheets\011041.015 - sht-sec-no-1.dgn



USER NAME = matt.fields
 DESIGNED -
 DRAWN -
 CHECKED -
 DATE - 1/16/2017

DESIGNED -
 REVISIONS:
 REVISIONS:
 REVISIONS:
 REVISIONS:

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTION SHEETS

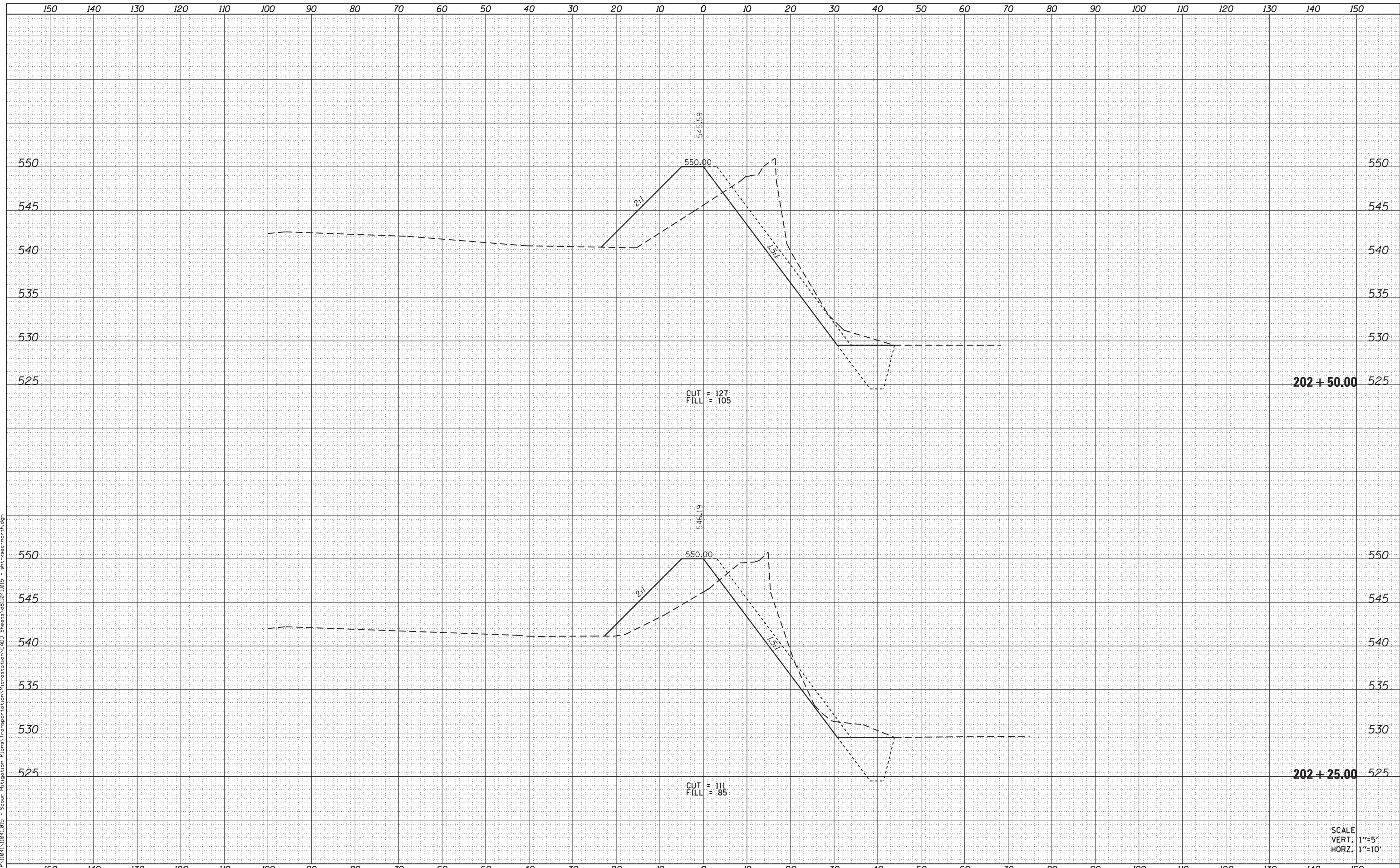
SCALE: SHEET 12 OF 16 SHEETS STA. 201+75.00 TO STA. 202+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(54-3)SCR	LOGAN	24	20
CONTRACT NO. 72J56				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINISHED SURVEY	
PLOTTED TEMPLATE	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED TEMPLATE	
AREAS CHECKED	
NO.	

FILE NAME = H:\P\104\1041.015 - Scour Mitigation Plans\Transportation\Microstation\CADD Sheets\01041.015 - sht-sec north.dgn



CUT = 127
FILL = 105

202 + 50.00

CUT = 111
FILL = 85

202 + 25.00

SCALE
VERT. 1"=5'
HORZ. 1"=10'



USER NAME = matt.fields	DESIGNED -	REVISIED -
	DRAWN -	REVISIED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISIED -
PLOT DATE = 1/16/2017	DATE -	REVISIED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTION SHEETS

SCALE: SHEET 13 OF 16 SHEETS STA. 202+25.00 TO STA. 202+50.00

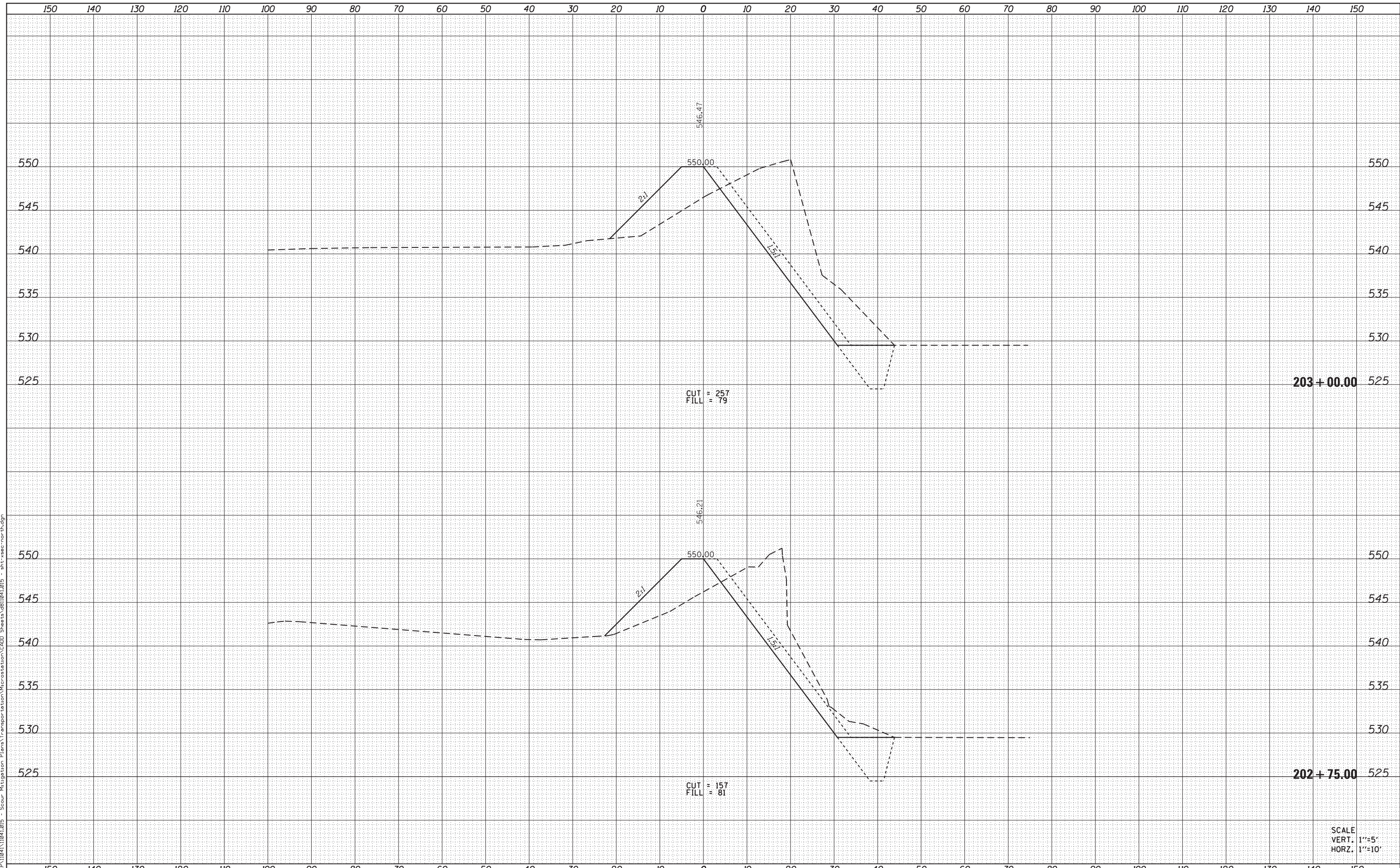
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(54-3)SCR	LOGAN	24	21
				CONTRACT NO. 72J56

ILLINOIS FED. AID PROJECT

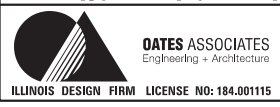
DATE	
BY	
FINAL SURVEY NO.	
SURVEYED PLOTTED AREAS CHECKED	
NOTE BOOK	
TEMPLATE AREAS CHECKED	

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

FILE NAME = H:\P\1104\11041.015 - Scour Mitigation Plans\Transportation\Microstation\CADD Sheets\011041.015 - sht-sec-no-1.dgn



SCALE
 VERT. 1"=5'
 HORZ. 1"=10'



USER NAME = matt.fields	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/16/2017	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTION SHEETS

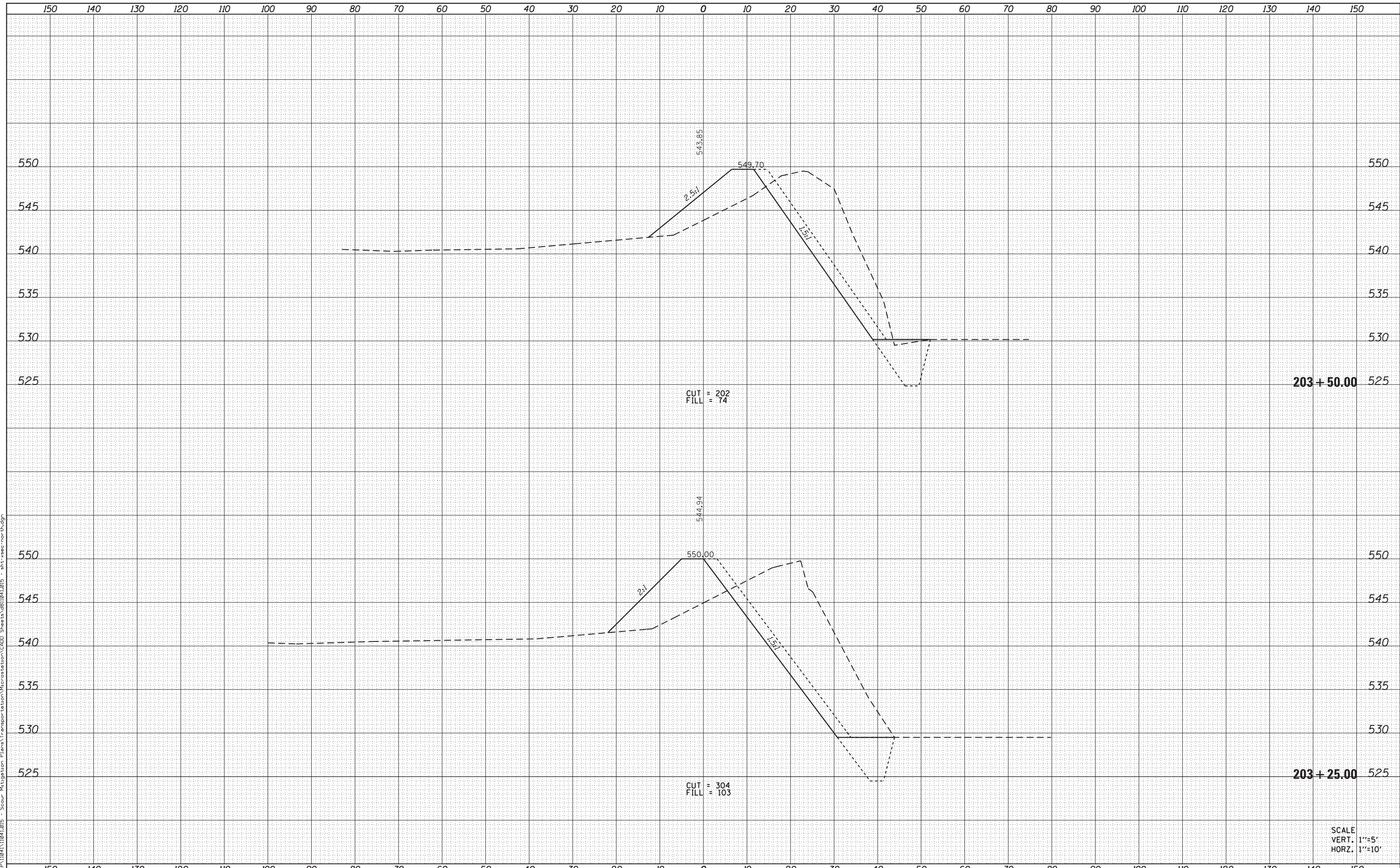
SCALE: SHEET 14 OF 16 SHEETS STA. 202+75.00 TO STA. 203+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(54-3)SCR	LOGAN	24	22
CONTRACT NO. 72J56				
ILLINOIS FED. AID PROJECT				

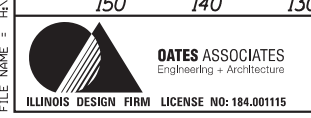
DATE	
BY	
FINISHED SURVEY	
NOTE BOOK	
NO.	
SURVEYED PLOTTED	
TEMPLATE AREAS	
AREAS CHECKED	

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

FILE NAME = H:\P\104\1041.015 - Scour Mitigation Plans\Transportation\Microstation\CADD Sheets\01041.015 - sht-sec north.dgn



SCALE
 VERT. 1"=5'
 HORZ. 1"=10'



USER NAME = matt.fields	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/16/2017	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTION SHEETS

SCALE: SHEET 15 OF 16 SHEETS STA. 203+25.00 TO STA. 203+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(54-3)SCR	LOGAN	24	23
CONTRACT NO. 72J56				
ILLINOIS FED. AID PROJECT				

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

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

FILE NAME = H:\P\104\1041.015 - Scour Mitigation Plans\Transportation\Microstation\CADD Sheets\01041.015 - sht-sec north.dgn



SCALE
VERT. 1"=5'
HORZ. 1"=10'



USER NAME = matt.fields	DESIGNED -	REVISOR -
PLOT SCALE = 20.0000' / in.	DRAWN -	REVISIONS -
PLOT DATE = 1/16/2017	CHECKED -	REVISIONS -
	DATE -	REVISIONS -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTION SHEETS

SCALE: SHEET 16 OF 16 SHEETS STA. 203+75.00 TO STA. 203+75.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(54-3)SCR	LOGAN	24	24
CONTRACT NO. 72J56				

ILLINOIS FED. AID PROJECT