

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	8N	WHITESIDE	114	1
		ILLINOIS	CONTRACT NO. 64P93	

D-92-034-21

FOR INDEX OF SHEETS
AND HIGHWAY STANDARDS, SEE SHEET NO. 2

HIGHWAY CLASSIFICATION

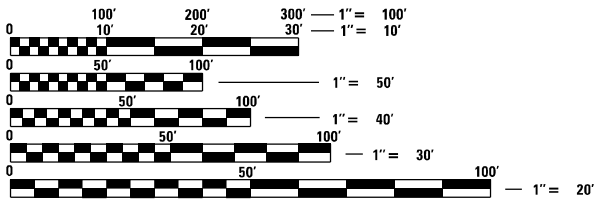
CLASSIFICATION: MINOR ARTERIAL
ADT: 5,600 (2021) PV = 5,255
DESIGN SPEED: 20 MPH MU = 160
POSTED SPEED: 20 MPH SU = 185

STERLING TOWNSHIP – SECTION 9

PROPOSED
HIGHWAY PLANS

FAP ROUTE 646 (IL 40)
SECTION 8N
PROJECT HSIP–BNIV(270)
IL 40 AT SCIENCE RIDGE RD. ROUNDABOUT
WHITESIDE COUNTY

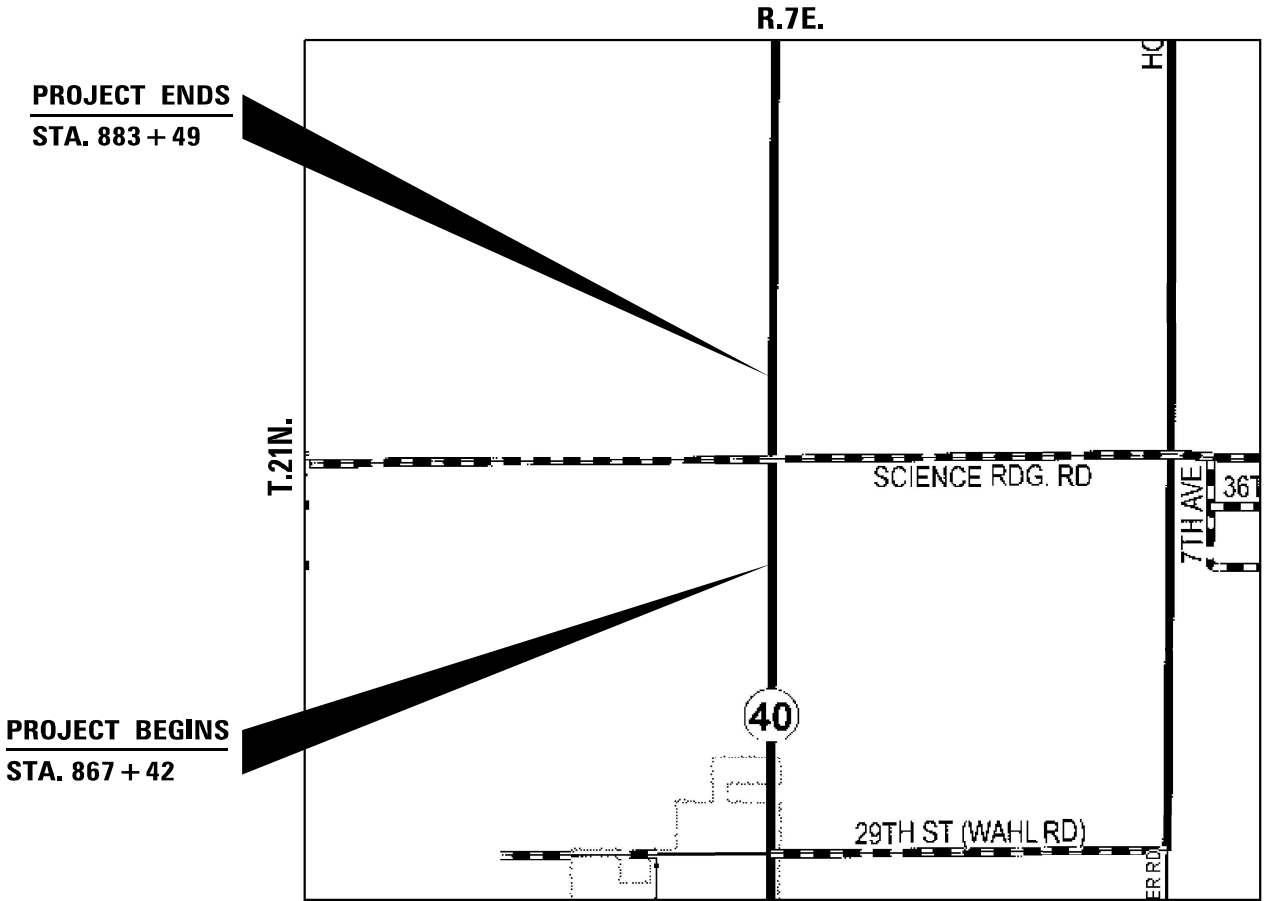
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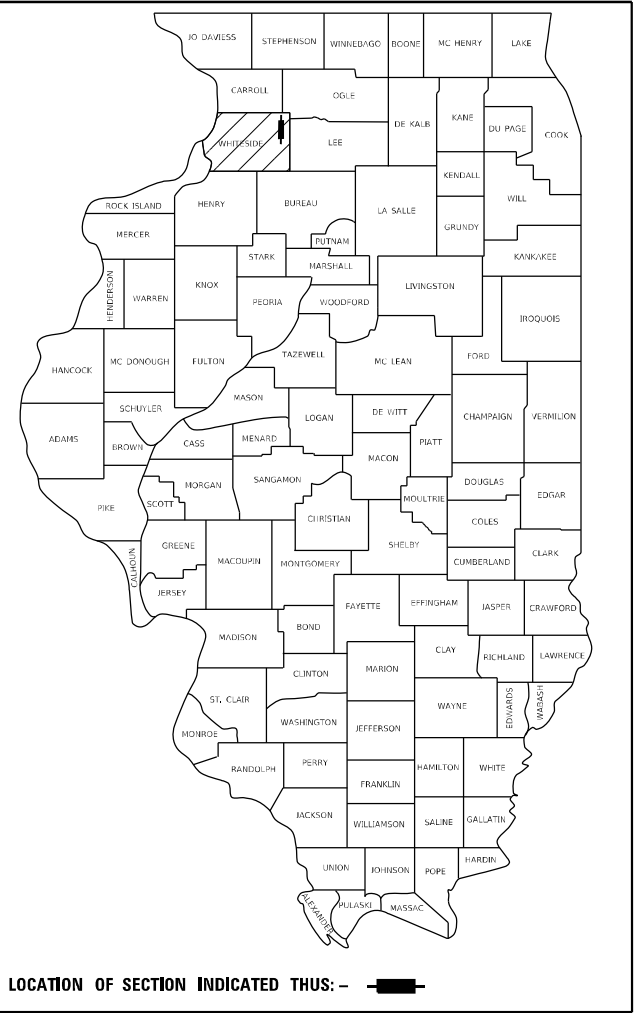
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD
ENGINEERING SCALES, REDUCED SIZED PLANS WILL NOT
CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS
ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER MICHAEL KUEHN
PROJECT MANAGER BRAD CUSHMAN 815-284-5996
EMAIL: BRAD.CUSHMAN@ILLINOIS.GOV
CONTRACT NO. 64P93



GROSS LENGTH = 1607 FT. = 0.30 MILE
NET LENGTH = 1607 FT. = 0.30 MILE



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
SUBMITTED 11/22 2022
REGIONAL ENGINEER
March 24, 2023
ENGINEER OF DESIGN AND ENVIRONMENT
March 24, 2023
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

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HIGHWAY STANDARDS

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420001-10	PAVEMENT JOINTS
420101-07	24' (7.2m) JOINTED PCC PAVEMENT
420701-03	PAVEMENT WELDED WIRE REINFORCEMENT
483001-06	PCC SHOULDER
542001-06	CONCRETE END SECTIONS FOR PIPE CULVERTS 15" (375 mm) THRU 84" (2100 mm) DIA.
542311-07	TRAVERSABLE PIPE GRATE FOR CONCRETE END SECTIONS
542411	SLOPED METAL END SECTIONS FOR PIPE CULVERTS 15" THRU 60" DIA.
601001-05	PIPE UNDERDRAINS
601101-02	CONCRETE HEADWALL FOR PIPE UNDERDRAINS
606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
606306-04	CORRUGATED PC CONCRETE MEDIANS
642006-01	SHOULDER RUMBLE STRIPS, 8 in.
666001-01	RIGHT OF WAY MARKERS
701001-02	OFF-ROAD OPERATIONS, 2L,2W, MORE THAN 15' (4.5 M) AWAY
701006-05	OFF-ROAD OPERATIONS, 2L,2W, 15' (4.5 M) TO 24"(600 MM) FROM PAVEMENT EDGE
701011-04	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701901-08	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POST FOR SIGNS, MARKERS AND DELINEATORS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS AND MARKERS)
731001-01	BASE FOR TELESCOPING STEEL SIGN SUPPORT
780001-05	TYPICAL PAVEMENT MARKINGS
821101-02	LUMINAIRE WIRING ION POLE
825011-04	LIGHTING CONTROLLER PEDESTAL MOUNTED, 240V
830011-03	LIGHT POLE STEEL MAST ARM
836001-04	LIGHT POLE FOUNDATION
838001-01	BREAKAWAY DEVICES

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	USER NAME = Brad.Cushman	DESIGNED - _____	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX / HIGHWAY STANDARDS	SCALE: _____	SHEET ____	OF ____	SHEETS	STA. _____	TO STA. _____	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
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				10% STATE
				ROADWAY
				0004
				URBAN
20200100	EARTH EXCAVATION	CU YD	5945	5945
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	8228	8228
25000210	SEEDING, CLASS 2A	ACRE	1.75	1.75
25000310	SEEDING, CLASS 4	ACRE	1.25	1.25
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	266	266
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	266	266
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	266	266
25100125	MULCH, METHOD 3	ACRE	3	3
25100630	EROSION CONTROL BLANKET	SQ YD	2938	2938
25100900	TURF REINFORCEMENT MAT	SQ YD	86	86
28000305	TEMPORARY DITCH CHECKS	FOOT	600	600
28000400	PERIMETER EROSION BARRIER	FOOT	1266	1266

* SPECIALTY ITEMS

	USER NAME = Brad.Cushman	DESIGNED - _____	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
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				10% STATE
				ROADWAY
				0004
				URBAN
28000500	INLET AND PIPE PROTECTION	EACH	4	4
30300011	AGGREGATE SUBGRADE IMPROVEMENT	TON	10817	10817
30300118	AGGREGATE SUBGRADE IMPROVEMENT 18"	SQ YD	1989	1989
30300121	AGGREGATE SUBGRADE IMPROVEMENT 21"	SQ YD	2106	2106
35101400	AGGREGATE BASE COURSE, TYPE B	TON	173	173
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	107	107
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	10	10
42000060	WELDED WIRE REINFORCEMENT	SQ YD	508	508
42000401	PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)	SQ YD	8974	8974
42300300	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH	SQ YD	53	53
44000100	PAVEMENT REMOVAL	SQ YD	12214	12214
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	119	119
44000300	CURB REMOVAL	FOOT	270	270
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	42	42

* SPECIALTY ITEMS

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
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				10% STATE
				ROADWAY
				0004 URBAN
48300400	PORTLAND CEMENT CONCRETE SHOULDERS 9"	SQ YD	2928	2928
50104400	CONCRETE HEADWALL REMOVAL	EACH	10	10
50105220	PIPE CULVERT REMOVAL	FOOT	106	106
542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	170	170
54260315	TRAVERSABLE PIPE GRATE FOR CONCRETE END SECTION	FOOT	33.75	33.75
54260515	SLOPED METAL END SECTION, STANDARD 542411, 15", 1:6	EACH	6	6
54261436	CONCRETE END SECTION, STANDARD 542001, 36", 1:4	EACH	2	2
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	18	18
60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	230	230
60108204	PIPE UNDERDRAINS, TYPE 2, 4"	FOOT	4832	4832
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	31.5	31.5
60600605	CONCRETE CURB, TYPE B	FOOT	260	260
60608300	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12	FOOT	346	346
60608582	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24	FOOT	3452	3452

* SPECIALTY ITEMS

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
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				10% STATE
				ROADWAY
				0004
				URBAN
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	15616	15616
60618390	CONCRETE MEDIAN SURFACE, CORRUGATED	SQ FT	4573	4573
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	4188	4188
66600105	FURNISHING AND ERECTING RIGHT OF WAY MARKERS	EACH	25	25
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	5	5
67100100	MOBILIZATION	L SUM	1	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	60	60
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	60	60
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	90	90
70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	270	270
* 72000100	SIGN PANEL - TYPE 1	SQ FT	167.5	167.5
* 72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	117	117
* 72400320	REMOVE SIGN PANEL - TYPE 2	SQ FT	48	48
* SPECIALTY ITEMS				

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				CONSTR. CODE	
				90% FEDERAL 10% STATE	
				ROADWAY	
				0004	
				URBAN	
CODE NO.	ITEM	UNIT	TOTAL QUANTITY		
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	248	248	
73000100	WOOD SIGN SUPPORT	FOOT	94	94	
* 78008200	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	SQ FT	200	200	
* 78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	8829	8829	
* 78008240	POLYUREA PAVEMENT MARKING TYPE I - LINE 8"	FOOT	27	27	
* 78011000	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	313	313	
* 78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	8829	8829	
* 78011045	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	27	27	
* 78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	113	113	
80400100	ELECTRIC SERVICE INSTALLATION	EACH	1	1	
* 81028750	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2" DIA.	FOOT	348	348	
* 81603010	UNIT DUCT, 600V, 2-1C NO.10, 1/C NO.10 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE	FOOT	3328	3328	
* 81702150	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	FOOT	405	405	
* 82110006	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION F	EACH	20	20	
* SPECIALTY ITEMS					

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* SPECIALTY ITEMS

REV. 3/15/23 REV. 1/24/23 REV. 1/5/23 REV. 12/19/22

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
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				10% STATE
				ROADWAY
				0004
				URBAN
X4402805	ISLAND REMOVAL	SQ FT	980	980
X5427602	REMOVE EXISTING FLARED END SECTION	EACH	2	2
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1
Z0020900	ESTABLISHING AND REFERENCING LAND SECTION MARKERS	EACH	1	1
* Z0025505	PROPERTY MARKERS	EACH	5	5
Z0028415	GEOTECHNICAL REINFORCEMENT	SQ YD	4095	4095
* SPECIALTY ITEMS				

	USER NAME = Brad.Cushman	DESIGNED - _____	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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GENERAL NOTES

The Contractor shall seed all disturbed areas within the project limits. Seeding Class 4 or 2A shall be used, except in front of properties where the grass will be mowed, then use Seeding, Class 1A. Class 2A shall be used on front slopes and ditch bottoms. Class 4 shall be used behind Type A gutter, on all backslopes and areas behind the backslope, and beyond the toe of front slope on fill sections without ditches.

Previously pugmilled stockpiles of "Type A" older than 1 month will not be approved for use until a moisture check is run to verify moisture content. Material shipped to projects without being tested will not be accepted.

The following Mixture Requirements are applicable for this project:

	Resurfacing
Location and Mixture Use(s):	Surface
PG:	58-28
Design Air Voids:	4.0 @ N50
Mixture Composition:	IL-9.5
Friction Aggregate:	D
Mixture Weight:	112 lb/sy/in
Quality Management Program:	QC/QA
Sublot Size:	N/A
Material Transfer Device	N/A

The Contractor will be required to furnish 5 1/2" high brass stencils as approved by the Engineer and install stationing at 250' intervals. Stationing shall be placed on both lanes of 2-lane highways and on the outside lanes in both directions on 4-lane highways. The stations shall be placed 6" inside the pavement marking edge so they can be read from the shoulder. This work will be included in the cost of the final pavement surface.

The colorant used shall be dosed per the manufacturer's recommendation to meet the satisfaction of the Local Public Agency. A 2' x 2' test panel shall be submitted to the Engineer for approval of color.

The soils report and profiles are available at the District Office for Contractor's review.

Connecting bands for corrugated metal pipes shall be metal and shall be coated with the same material as the pipe sections. The connecting bands shall be a minimum of 18" wide.

The Contractor shall be responsible for collecting and maintaining an electronic log of all stakeout survey that is performed on the job, either by him/her or any sub-contractor performing the stakeout. Upon request, all logs shall be submitted to the Department. No additional compensation will be allowed for this work, but shall be considered included in the cost for CONSTRUCTION LAYOUT.

Pavement Marking shall be done according to Standard 780001, except as follows:

1.

All words, such as ONLY, shall be 8 feet high.
2.

All non-freeway arrows shall be the large size.
3.

The distance between yellow no-passing lines shall be 8 inches, not 7 inches, as shown in the detail of Typical Lane and Edge Lines.
4.

Centerline Skip Dash Pavement Marking on multi-lane divided, multi-lane undivided, and one-way roadway shall be according to District Standard 41.1.

All gutter outlets shall be extended to ditch flow as directed by the Engineer.

Right-of-way markers will be erected per Highway Standard 666001 with the back face of the marker on the right-of-way line unless the new right-of-way line has been surveyed and pinned, in which instance the right-of-way markers will be erected 12 inches inside the new right-of-way line. Method of installation shall be approved by the Engineer.

The following listed utilities located within the project limits or immediately adjacent to the project construction limits are members of JULIE:

ComEd	630/437-2212
Nicor Gas Co.	630/388-3019
Comcast Cable	224/229-5432
Stratus Networks	309/222-2080
City of Sterling	815/632-6624
AT&T	630/573-5465
Commercial Broadband Solutions	574/389-3100

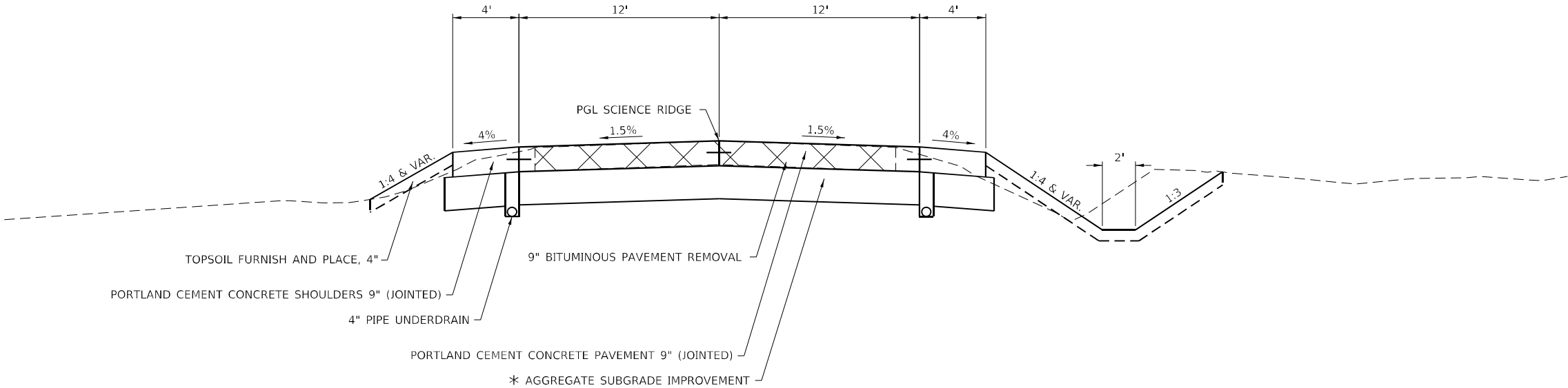
IDOT is not a member of JULIE. If you are near any overhead lighting, intersection lighting or traffic signals, contact the IDOT Traffic Office at 815/284-5469 at least 48 hours prior to work.

FILE NAME = 64P93.GN.DOCX	USER NAME =	DESIGNED - Engineering Systems	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES				ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						FAP 646	BN	Whiteside	114	10
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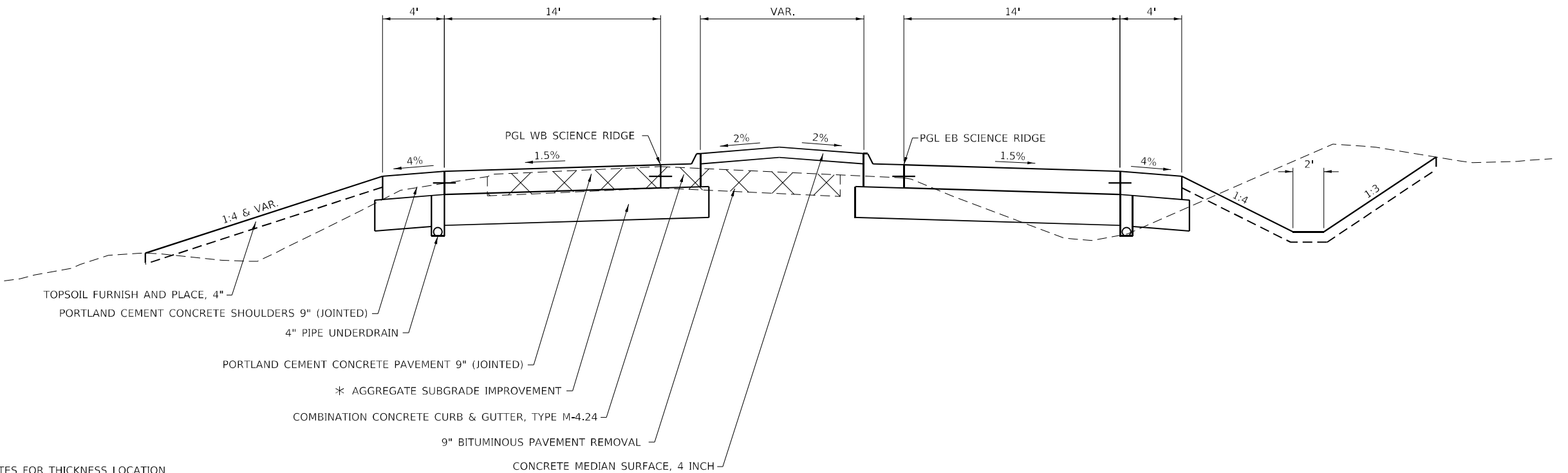
SCIENCE RIDGE RD.

STA. 994+27 - 996+45
STA. 1003+19 - 1005+65



SCIENCE RIDGE RD.

STA. 996+45 - 999+32
STA. 1000+82 - 1003+19



* SEE SCHEDULE OF QUANTITES FOR THICKNESS LOCATION

USER NAME	= Brad.Cushman	DESIGNED	-	REVISED	-
DRAWN	-	REVIS	-	REVIS	-
PLOT SCALE	= 8:0 " / in.	CHECKED	-	REVISED	-
PLOT DATE	= Nov-14-2022 03:07:37 PM	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

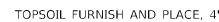
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646	8N	WHITESIDE	114	11
CONTRACT NO. 64P93				
ILLINOIS FED. AID PROJECT				

STA. 867+42 - 872+00
STA. 881+00 - 883+54



STA. 872+00 - 875+80
STA. 877+30 - 881+00

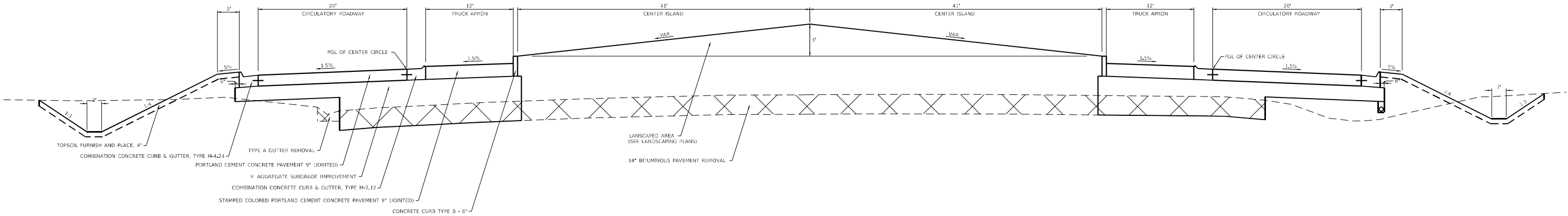


PORTLAND CEMENT CONCRETE SHOULDERS 9" (JOINTED) -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	8N	WHITESIDE	114	12
		CONTRACT NO. 64P93		
		ILLINOIS	FED. AID PROJECT	

CIRCULAR ROUNDABOUT



* SEE SCHEDULE OF QUANTITIES FOR THICKNESS LOCATION

MODEL: Default
FILE: \\bentley.com\\projects\\dot\\office\\district 2\\projects\\64p93\\program development\\studies & plans\\design\\cadd\\cadd\\sheets\\64p93-114-13.dgn

USER NAME = Brad.Cushman	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 13:9 5/8 " = 1" / in.	CHECKED -	REVISED -
PLOT DATE = Nov-14-2022 03:08:07 PM	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTION			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	8N	WHITESIDE	114	13
CONTRACT NO. 64P93				
		ILLINOIS	FED. AID PROJECT	

MODEL: Default
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21101615 TOPSOIL FURNISH AND PLACE, 4"

SQ YD	LOCATION	OFFSET
3001	867+42 - 875+75	LT & RT
2130	877+50 - 883+50	LT & RT
1258	994+27 - 999+25	LT & RT
1113	1001+00 - 1005+63	LT & RT

726

8228 TOTAL

REMARKS
IL 40
IL 40
Science Ridge Rd.
Science Ridge Rd.
Outside of Center Roundabout

25000210 SEEDING, CLASS 2A

ACRE	LOCATION	OFFSET
0.62	867+42 - 875+75	LT & RT
0.44	877+50 - 883+50	LT & RT
0.26	994+27 - 999+25	LT & RT
0.23	1001+00 - 1005+63	LT & RT

0.15

1.7 TOTAL

REMARKS
IL 40
IL 40
Science Ridge Rd.
Science Ridge Rd.
Outside of Center Roundabout

25000310 SEEDING, CLASS 4

ACRE	LOCATION	OFFSET
0.62	867+42 - 875+75	LT & RT
0.22	877+50 - 883+50	LT & RT
0.17	994+27 - 999+25	LT & RT
0.22	1001+00 - 1005+63	LT & RT

0.03

1.3 TOTAL

REMARKS
IL 40
IL 40
Science Ridge Rd.
Science Ridge Rd.
Outside of Center Roundabout

25000400 NITROGEN FERTILIZER NUTRIENT

POUND	LOCATION	OFFSET
112	867+42 - 875+75	LT & RT
59	877+50 - 883+50	LT & RT
39	994+27 - 999+25	LT & RT
41	1001+00 - 1005+63	LT & RT

16

266 TOTAL

REMARKS
IL 40
IL 40
Science Ridge Rd.
Science Ridge Rd.
Outside of Center Roundabout

25000500 PHOSPHORUS FERTILIZER NUTRIENT

POUND	LOCATION	OFFSET
112	867+42 - 875+75	LT & RT
59	877+50 - 883+50	LT & RT
39	994+27 - 999+25	LT & RT
41	1001+00 - 1005+63	LT & RT

16

266 TOTAL

REMARKS
IL 40
IL 40
Science Ridge Rd.
Science Ridge Rd.
Outside of Center Roundabout

25000600 POTASSIUM FERTILIZER NUTRIENT

POUND	LOCATION	OFFSET
112	867+42 - 875+75	LT & RT
59	877+50 - 883+50	LT & RT
39	994+27 - 999+25	LT & RT
41	1001+00 - 1005+63	LT & RT

16

266 TOTAL

REMARKS
IL 40
IL 40
Science Ridge Rd.
Science Ridge Rd.
Outside of Center Roundabout

25100125 MULCH, METHOD 3

ACRE	LOCATION	OFFSET
1.24	867+42 - 875+75	LT & RT
0.66	877+50 - 883+50	LT & RT
0.43	994+27 - 999+25	LT & RT
0.45	1001+00 - 1005+63	LT & RT

0.18

3 TOTAL

REMARKS
IL 40
IL 40
Science Ridge Rd.
Science Ridge Rd.
Outside of Center Roundabout

25100630 EROSION CONTROL BLANKET

SQ YD	LOCATION	OFFSET
1077	867+42 - 875+75	LT & RT
798	877+50 - 883+50	LT & RT
547	994+27 - 999+25	LT & RT
335	1001+00 - 1005+63	RT
181		RT

2938 TOTAL

REMARKS
IL 40
IL 40
Science Ridge Rd.
Science Ridge Rd.
Outside of Center Roundabout

25100900 TURF REINFORCEMENT MAT

SQ YD	LOCATION	OFFSET
70	867+00 - 867+83	RT
2	874+62	RT
2	875+00	LT
2	878+09	RT
2	878+45	LT
2	998+25	RT
2	999+05	LT
2	1001+00	LT
2	1001+61	RT

86 TOTAL

REMARKS
IL 40 GRADING DITCH AND CULVERT
IL 40 / OUTLET 4'X4'
IL 40 / OUTLET 4'X4'
IL 40 / OUTLET 4'X4'
IL 40 / OUTLET 4'X4'
SCIENCE RIDGE / OUTLET 4'X4'
SCIENCE RIDGE / INLET 4'X4'
SCIENCE RIDGE / OUTLET 4'X4'
SCIENCE RIDGE / OUTLET 4'X4'

28000305 TEMPORARY DITCH CHECKS

FOOT	LOCATION	OFFSET
440	868+25 - 882+25	LT & RT
160	994+75 - 1005+00	LT & RT

600 TOTAL

REMARKS
IL 40
Science Ridge Rd.

28000400 PERIMTER EROSION BARRIER

FOOT	LOCATION	OFFSET
344	867+82 - 871+25	RT
205	881+50 - 883+50	RT
84	882+70 - 883+50	LT
200	996+50 - 998+50	LT
433	1000+82 - 1005+15	LT

1266 TOTAL

REMARKS
IL 40
IL 40
IL 40
Science Ridge Rd.
Science Ridge Rd.

28000500 INLET AND PIPE PROTECTION

EACH	LOCATION	OFFSET
1	867+75	RT
2	996+25	LT & RT
1	1003+69	RT

4 TOTAL

REMARKS
IL 40
Science Ridge Rd.
Science Ridge Rd.

35101400 AGGREGATE BASE COURSE, TYPE B

TON	LOCATION	OFFSET
55	996+00	LT
58	996+00	RT
61	1004+00	RT

173 TOTAL

REMARKS
30' Field Entrance Science Ridge Rd.
30' Field Entrance Science Ridge Rd.
30' Field Entrance Science Ridge Rd.

40600290 BITUMINOUS MATERIALS (TACK COAT)

POUND	LOCATION	OFFSET
41	867+02 - 867+27	RT
37	885+61 - 885+86	LT
30	1008+55 - 1008+81	LT

107 TOTAL

REMARKS
IL 40
IL 40
SCIENCE RIDGE RD

40604060 HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50

TON	LOCATION	OFFSET
4	867+02 - 867+27	RT
3	885+61 - 885+86	LT
3	1008+55 - 1008+81	LT

10 TOTAL

REMARKS
IL 40
IL 40
SCIENCE RIDGE RD

USER NAME = Brad.Cushman	DESIGNED - _____	REVISED - _____
DRAWN - _____	REVISED - _____	
PLOT SCALE = 100,0000 ' / in.	CHECKED - _____	REVISED - _____
PLOT DATE = Nov-17-2022 06:39:22 AM	DATE - _____	REVISED - _____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITES

SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	8N	WHITESIDE	114	14
CONTRACT NO. 64P93				
		ILLINOIS	FED. AID PROJECT	

Model: Default
File: \\nrc-pa\uliet-aw-bentley.com\PIV\DOT\Documents\DOT Offices\District 2\Projects\64P93\Program Development\Studies & Plans\Design\CADD\CD\Drawings\1D-64P93-ht-SQ.dgn

42300300	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH			
	<u>SQ YD</u>	<u>LOCATION</u>	<u>OFFSET</u>	<u>REMARKS</u>
	53	1003+64	LT	12' Private Entrance Science Ridge Rd.
	53	TOTAL		
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"			
	<u>SQ YD</u>	<u>LOCATION</u>	<u>OFFSET</u>	<u>REMARKS</u>
	45	867+02 - 867+27	RT	IL 40
	41	885+61 - 885+86	LT	IL 40
	33	1008+55 - 1008+81	LT	SCIENCE RIDGE RD
	119	TOTAL		
44000100	PAVEMENT REMOVAL			
	<u>SQ YD</u>	<u>LOCATION</u>	<u>OFFSET</u>	<u>REMARKS</u>
	9738	867+42 - 883+49	LT & RT	IL 40 Including returns on Science Ridge
	1408	994+27 - 999+15	LT & RT	Science Ridge West
	1068	1001+56 - 1005+63	LT & RT	Science Ridge East
	12,214	TOTAL		
44000300	CURB REMOVAL			
	<u>FOOT</u>	<u>LOCATION</u>	<u>OFFSET</u>	<u>REMARKS</u>
	270	876+50 - 879+20	LT	NW Corner of IL 40 & Science Ridge & IL 40
	270	TOTAL		
50104400	CONCRETE HEADWALL REMOVAL			
	<u>EACH</u>	<u>LOCATION</u>	<u>OFFSET</u>	<u>REMARKS</u>
	2	867+42	LT & RT	IL 40 / 4" Pipe Underdrain Headwall
	2	869+42	LT & RT	IL 40 / 4" Pipe Underdrain Headwall
	2	872+00	LT & RT	IL 40 / 4" Pipe Underdrain Headwall
	2	880+00	LT & RT	IL 40 / 4" Pipe Underdrain Headwall
	2	883+49	LT & RT	IL 40 / 4" Pipe Underdrain Headwall
	10	TOTAL		
50105220	PIPE CULVERT REMOVAL			
	<u>FOOT</u>	<u>LOCATION</u>	<u>OFFSET</u>	<u>REMARKS</u>
	48	998+00	RT	Science Ridge Rd. 15" CMP
	29	1001+65	RT	Science Ridge Rd. 15" CMP
	29	1001+70	LT	Science Ridge Rd. 15" CMP
	106	TOTAL		
542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"			
	<u>FOOT</u>	<u>LOCATION</u>	<u>OFFSET</u>	<u>REMARKS</u>
	53	996+00	LT	30' Field Entrance Science Ridge Rd.
	56	996+00	RT	30' Field Entrance Science Ridge Rd.
	61	1004+00	RT	30' Field Entrance Science Ridge Rd.
	170	TOTAL		
54260315	TRAVERSABLE PIPE GRATE FOR CONCRETE END SECTION			
	<u>FOOT</u>	<u>LOCATION</u>	<u>OFFSET</u>	<u>REMARKS</u>
	33.75	867+75	LT & RT	2 @ 16'-10"
	33.75	TOTAL		
54260515	SLOPED METAL END SECTION, STANDARD 542411, 15", 1:6			
	<u>EACH</u>	<u>LOCATION</u>	<u>OFFSET</u>	<u>REMARKS</u>
	2	996+00	LT	30' Field Entrance Science Ridge Rd.
	2	996+00	RT	30' Field Entrance Science Ridge Rd.
	2	1004+00	RT	30' Field Entrance Science Ridge Rd.
	6	TOTAL		

54261436	CONCRETE END SECTION, STANDARD 542001, 36", 1:4			
	<u>EACH</u>	<u>LOCATION</u>	<u>OFFSET</u>	<u>REMARKS</u>
	2	867+75	LT & RT	IL 40
	2	TOTAL		
60100060	CONCRETE HEADWALL FOR PIPE DRAINS			
	<u>EACH</u>	<u>LOCATION</u>	<u>OFFSET</u>	<u>REMARKS</u>
	2	867+42	LT & RT	IL 40
	2	871+00	LT & RT	IL 40
	2	874+40	LT & RT	IL 40
	2	880+25	LT & RT	IL 40
	2	883+49	LT & RT	IL 40
	2	994+27	LT & RT	Science Ridge
	2	996+75	LT & RT	Science Ridge
	2	1003+00	LT & RT	Science Ridge
	2	1005+63	LT & RT	Science Ridge
	18	TOTAL		
60108204	PIPE UNDERDRAINS, TYPE 2, 4"			
	<u>FOOT</u>	<u>LOCATION</u>	<u>OFFSET</u>	<u>REMARKS</u>
	823	867+42 - 875+65	LT	IL 40 South
	839	867+42 - 875+81	RT	IL 40 South
	607	877+42 - 883+49	LT	IL 40 North
	618	877+31 - 883+49	RT	IL 40 North
	489	994+27 - 999+16	LT	Science Ridge West
	505	994+27 - 999+32	RT	Science Ridge East
	470	1000+93 - 1005+63	LT	Science Ridge West
	481	1000+82 - 1005+63	RT	Science Ridge East
	4832	TOTAL		
60108100	PIPE UNDERDRAINS 4" (SPECIAL)			
	<u>FOOT</u>	<u>LOCATION</u>	<u>OFFSET</u>	<u>REMARKS</u>
	16	867+42	LT	IL 40
	16	867+42	RT	IL 40
	16	871+00	LT	IL 40
	16	871+00	RT	IL 40
	16	874+40	LT	IL 40
	16	874+40	RT	IL 40
	16	880+25	LT	IL 40
	16	880+25	RT	IL 40
	16	883+49	LT	IL 40
	16	883+49	RT	IL 40
	10	994+27	LT	Science Ridge
	10	994+27	RT	Science Ridge
	10	996+50	LT	Science Ridge
	10	996+50	RT	Science Ridge
	10	1003+00	LT	Science Ridge
	10	1003+00	RT	Science Ridge
	5	1005+63	LT	Science Ridge
	5	1005+63	RT	Science Ridge
	230	TOTAL		
60600095	CLASS SI CONCRETE (OUTLET)			
	<u>CU YD</u>	<u>LOCATION</u>	<u>OFFSET</u>	<u>REMARKS</u>
	4.24	874+62	RT	IL 40 / OUTLET
	4.07	875+00	LT	IL 40 / OUTLET
	5.31	878+09	RT	IL 40 / OUTLET
	4.80	878+45	LT	IL 40 / OUTLET
	3.20	998+25	RT	SCIENCE RIDGE / OUTLET
	1.25	999+05	LT	SCIENCE RIDGE / INLET
	5.19	1001+00	LT	SCIENCE RIDGE / OUTLET
	3.45	1001+61	RT	SCIENCE RIDGE / OUTLET
	31.5	TOTAL		

MODEL - Default
FILE - \\miller-prod-us-east-1-bentley.com\\P\\V\\DOT\\Documents\\DOT_Offices\\District 2\\Projects\\64P93\\Program_Development\\Studies & Plans\\Design\\CADD\\CADD\\sheets\\D2-64P93-INT-SQO.dgn

60600605 CONCRETE CURB, TYPE B

FOOT	LOCATION	OFFSET	REMARKS
260	10+00 - 13+46		Center Roundabout
260	TOTAL		

60608300 COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12

FOOT	LOCATION	OFFSET	REMARKS
346	10+00 - 13+46		Center Roundabout
346	TOTAL		

60608582 COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24

FOOT	LOCATION	OFFSET	REMARKS
815	872+00 - 875+75		IL 40 Median
815	877+40 - 881+07		IL 40 Median
612	996+51 - 999+24		Science Ridge Rd. Median
516	1000+90 - 1003+11		Science Ridge Rd. Median
209			SW Corner of IL 40 & Science Ridge Rd.
217			SE Corner of IL 40 & Science Ridge Rd.
154			NW Corner of IL 40 & Science Ridge Rd.
114			NE Corner of IL 40 & Science Ridge Rd.
3452	TOTAL		

60618300 CONCRETE MEDIAN SURFACE, 4 INCH

SQ FT	LOCATION	OFFSET	REMARKS
5594	872+00 - 875+75		IL 40
5594	877+40 - 881+07		IL 40
2379	996+51 - 999+24		Science Ridge Rd.
2049	1000+90 - 1003+11		Science Ridge Rd.
15,616	TOTAL		

64200108 SHOULDER RUMBLE STRIPS, 8 INCH

FOOT	LOCATION	OFFSET	REMARKS
751	867+42 - 874+93	LT	IL 40
712	867+42 - 874+54	RT	IL 40
493	878+56 - 883+49	LT	IL 40
529	878+20 - 883+49	RT	IL 40
474	994+27 - 999+01	LT	Science Ridge Rd.
385	994+27 - 998+12	RT	Science Ridge Rd.
453	1001+10 - 1005+63	LT	Science Ridge Rd.
391	1001+72 - 1005+63	RT	Science Ridge Rd.
4188	TOTAL		

66600105 FURNISHING AND ERECTING RIGHT OF WAY MARKERS

EACH	LOCATION	OFFSET	REMARKS
1	871+50	71.57' RT	IL 40 / See General Note For Installation Method
1	872+50	100' RT	IL 40 / See General Note For Installation Method
1	873+50	95' RT	IL 40 / See General Note For Installation Method
1	875+00	75.09' RT	IL 40 / See General Note For Installation Method
1	875+65	74.38' RT	IL 40 / See General Note For Installation Method
1	877+00	130' LT	IL 40 / See General Note For Installation Method
1	877+25	85' LT	IL 40 / See General Note For Installation Method
1	877+25	77.27' RT	IL 40 / See General Note For Installation Method
1	877+75	60' LT	IL 40 / See General Note For Installation Method
1	879+50	85' LT	IL 40 / See General Note For Installation Method
1	881+75	58.59' LT	IL 40 / See General Note For Installation Method
1	995+50	55' RT	Science Ridge Rd. / See General Note For Installation Method
1	996+16	45.04' LT	Science Ridge Rd. / See General Note For Installation Method
1	997+30	45.18' LT	Science Ridge Rd. / See General Note For Installation Method
1	997+50	60' RT	Science Ridge Rd. / See General Note For Installation Method
1	998+25	50' RT	Science Ridge Rd. / See General Note For Installation Method
1	998+75	55' RT	Science Ridge Rd. / See General Note For Installation Method
1	999+15	71.6' RT	Science Ridge Rd. / See General Note For Installation Method
1	1001+25	50' LT	Science Ridge Rd. / See General Note For Installation Method
1	1001+25	50' RT	Science Ridge Rd. / See General Note For Installation Method
1	1002+00	45' RT	Science Ridge Rd. / See General Note For Installation Method
1	1002+75	65' LT	Science Ridge Rd. / See General Note For Installation Method
1	1004+00	27.89' LT	Science Ridge Rd. / See General Note For Installation Method
1	1004+50	50' RT	Science Ridge Rd. / See General Note For Installation Method
1	1005+50	30.03' RT	Science Ridge Rd. / See General Note For Installation Method
25	TOTAL		

70300150 SHORT TERM PAVEMENT MARKING REMOVAL

SQ FT	LOCATION	OFFSET	REMARKS
28	801+30 - 829+60		Stop Bar for Detour Route in Milledgeville
28	799+35 - 829+60		Stop Bar for Detour Route in Milledgeville
34			Stop Bar for Detour Route in Milledgeville
90	TOTAL		

70307120 TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE

FOOT	LOCATION	OFFSET	REMARKS
84	IL 40		Stop Bar for Detour Route in Miledgeville
84	IL 40		Stop Bar for Detour Route in Miledgeville
102	Old Mill St.		Stop Bar for Detour Route in Miledgeville
270	TOTAL		

78008200 POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS

SQ FT	LOCATION	OFFSET	REMARKS
24	875+78 IL 40	RT	Yield Line IL 40 NB
24	877+34 IL 40	LT	Yield Line IL 40 SB
24	999+29 IL 40	RT	Yield Line Science Ridge Rd. EB
24	1000+85 IL 40	LT	Yield Line Science Ridge Rd. WB
26	10+67 IL 40	LT	2 Arrow Combination Roundabout
26	11+53 IL 40	LT	2 Arrow Combination Roundabout
26	12+40 IL 40	LT	2 Arrow Combination Roundabout
26	13+26 IL 40	LT	2 Arrow Combination Roundabout
200	TOTAL		

	USER NAME = Brad.Cushman	DESIGNED - _____	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - _____	REVISED - _____					646	8N	WHITESIDE	114	16
	PLOT SCALE = 100,0000 ' / in.	CHECKED - _____	REVISED - _____		SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____			CONTRACT NO. 64P93				
	PLOT DATE = Nov-17-2022 06:40:56 AM	DATE - _____	REVISED - _____					ILLINOIS FED. AID PROJECT				

FOOT	LOCATION	OFFSET	REMARKS
1065	870+63 - 875+72		IL 40 Island (Yellow)
868	995+14 - 999+25		West Sceience Ridge Rd Island (Yellow)
748	1000+75 - 1004+26		East Sceience Ridge Rd Island (Yellow)
1065	877+22 - 882+30		IL 40 Island (Yellow)
870	867+42 - 875+98	RT	IL 40 White Edge Lines
882	867+42 - 876+07	LT	IL 40 White Edge Lines
505	994+27 - 999+28	RT	West Sceience Ridge Rd White Edge Lines
521	994+27 - 999+42	LT	West Sceience Ridge Rd White Edge Lines
500	1000+58 - 1005+52	RT	East Sceience Ridge Rd White Edge Lines
486	1000+72 - 1005+49	LT	East Sceience Ridge Rd White Edge Lines
666	876+86 - 883+35	RT	IL 40 White Edge Lines
653	876+96 - 883+35	LT	IL 40 White Edge Lines
8829	TOTAL		

FOOT	LOCATION		OFFSET	REMARKS
7	875+74	- 875+85	RT	IL 40 White Dashed White at Roundabout
7	999+27	- 999+37	RT	West Science Ridge Rd Dashed White at Roundabout
7	1000+63	- 1000+74	LT	East Science Ridge Rd White Dashed White at Roundabout
7	877+09	- 877+20	LT	IL 40 White Dashed White at Roundabout
27	TOTAL			

<u>SQ FT</u>	<u>LOCATION</u>		<u>OFFSET</u>	<u>REMARKS</u>
52	875+78	IL 40	RT	Yield Line IL 40 NB
52	877+34	IL 40	LT	Yield Line IL 40 SB
52	999+29	IL 40	RT	Yield Line Science Ridge Rd. EB
52	1000+85	IL 40	LT	Yield Line Science Ridge Rd. WB
26	10+67	IL 40	LT	2 Arrow Combination Roundabout
26	11+53	IL 40	LT	2 Arrow Combination Roundabout
26	12+40	IL 40	LT	2 Arrow Combination Roundabout
26	13+26	IL 40	LT	2 Arrow Combination Roundabout
313	TOTAL			

FOOT	LOCATION	OFFSET	REMARKS
1065	870+63 - 875+72		IL 40 Island (Yellow)
868	995+14 - 999+25		West Sceience Ridge Rd Island (Yellow)
748	1000+75 - 1004+26		East Sceience Ridge Rd Island (Yellow)
1065	877+22 - 882+30		IL 40 Island (Yellow)
870	867+42 - 875+98	RT	IL 40 White Edge Lines
882	867+42 - 876+07	LT	IL 40 White Edge Lines
505	994+27 - 999+28	RT	West Sceience Ridge Rd White Edge Lines
521	994+27 - 999+42	LT	West Sceience Ridge Rd White Edge Lines
500	1000+58 - 1005+52	RT	East Sceience Ridge Rd White Edge Lines
486	1000+72 - 1005+49	LT	East Sceience Ridge Rd White Edge Lines
666	876+86 - 883+35	RT	IL 40 White Edge Lines
653	876+96 - 883+35	LT	IL 40 White Edge Lines
8829	TOTAL		

FOOT	LOCATION		OFFSET	REMARKS
7	875+74	- 875+85	RT	IL 40 White Dashed White at Roundabout
7	999+27	- 999+37	RT	West Science Ridge Rd Dashed White at Roundabout
7	1000+63	- 1000+74	LT	East Science Ridge Rd White Dashed White at Roundabout
7	877+09	- 877+20	LT	IL 40 White Dashed White at Roundabout
27	TOTAL			

<u>EACH</u>	<u>LOCATION</u>	<u>OFFSET</u>	<u>REMARKS</u>
113	867+42 - 883+49	LT & RT	IL 40 / Science Ridge
113	TOTAL		

<u>EACH</u>	<u>LOCATION</u>	<u>OFFSET</u>	<u>REMARKS</u>
2	867+75	LT & RT	IL 40
2	TOTAL		

SQ FT	LOCATION	OFFSET	REMARKS
204	867+75	RT	IL 40
291	867+75	LT	IL 40
293	877+00	RT	IL 40
192	877+00	LT	IL 40
980	TOTAL		

<u>EACH</u>	<u>LOCATION</u>	<u>OFFSET</u>	<u>REMARKS</u>
1	876+48		See ROW Plats for Details
1	TOTAL		

<u>EACH</u>	<u>LOCATION</u>	<u>OFFSET</u>	<u>REMARKS</u>
5		LT & RT	Estimated Quantity, See Special Provision
5	TOTAL		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	8N	WHITESIDE	114	17
		CONTRACT NO. 64P93		
ILLINOIS		FED. AID PROJECT		

MODEL - Default
FILE - Model - paviliet-aw.bentley.com-610\DOT Documents\DOT Office\District 2\Projects\64P93\Program Development\Studies & Plans\Design\CADD\CAD Sheets\02-64P93-rht-SQO.dgn

Location	Remarks	Length	Proposed Surface		30300011	30300118	30300121	42000060	42000401	48203029	48300400	60618390	X1700010	Z0028415
			Aggregate Subgrade Improvement	Aggregate Subgrade Improvement 18"	Aggregate Subgrade Improvement 21"	Welded Wire Reinforcement	Portland Cement Conc. Pavement 9" (Jointed)	Hot-Mix Asphalt Shoulders 8"	Portland Cement Conc. Shoulders 9"	Concrete Median Surface Corrugated	Stamped Colored Portland Cement Concrete Pavement 9" (Jointed)	Geotechnical Reinforcement		
			Width	Sq Yd	TON	Sq Yd	Sq Yd	Sq Yd	Sq Yd	Sq Yd	Sq Yd	Sq Ft	Sq Yd	Sq Yd
PAVEMENT														
IL 40 South														
LT	867 + 42 - 875 + 81	839	VAR	1292					1292					
RT	867 + 42 - 875 + 81	839	VAR	1324					1324					
Corrugated Median	870 + 63 - 872 + 72	209	VAR	155				155	155			1394		
LT	867 + 42 - 874 + 93	751	VAR	651							651			
RT	867 + 42 - 874 + 54	712	VAR	630							630			
IL 40 North														
LT	877 + 31 - 883 + 49	618	VAR	1011					1011					
RT	877 + 31 - 883 + 49	618	VAR	979					979					
Corrugated Median	880 + 37 - 882 + 44	207	VAR	155				155				1394		
LT	878 + 56 - 883 + 49	493	VAR	431							431			
RT	878 + 20 - 883 + 49	529	VAR	453							453			
Science Ridge West														
LT	994 + 27 - 999 + 32	505	VAR	798					798					
RT	994 + 27 - 999 + 32	505	VAR	824					824					
Corrugated Median	995 + 14 - 997 + 0	186	VAR	113				113				1019		
LT	994 + 27 - 999 + 1	474	VAR	216							216			
RT	994 + 27 - 998 + 12	385	VAR	171							171			
Science Ridge East														
LT	1000 + 82 - 1005 + 63	481	VAR	786					786					
RT	1000 + 82 - 1005 + 63	481	VAR	758					758					
Corrugated Median	1002 + 82 - 1004 + 37	155	VAR	85				85				766		
LT	1001 + 10 - 1005 + 63	453	VAR	203							203			
RT	1001 + 72 - 1005 + 63	391	VAR	173							173			
Center Roundabout														
Sta	10 + 0 - 13 + 46	471	20	1047					1047					
Sta	10 + 0 - 13 + 46	346	12	461									461	
NE Quad. IL 40 & Old Mill St.														
Rt.			VAR	42	5					42				
AGGREGATE SUBGRADE IMPROVEMENT														
IL 40														
Lt & Rt Sta	867 + 42 - 875 + 75	833	VAR		2132									
Lt & Rt Sta	877 + 50 - 883 + 50	600	VAR		4395									
Science Ridge West														
Lt & Rt Sta	994 + 25 - 998 + 50	425	VAR	2106			2106							2106
Lt & Rt Sta	998 + 50 - 999 + 30	80	VAR		912									
Science Ridge East														
Lt & Rt Sta	1000 + 80 - 1001 + 50	70	VAR		535									
Lt & Rt Sta	1001 + 50 - 1005 + 50	400	VAR	1989		1989								1989
Center Roundabout														
Lt & Rt Sta	10 + 0 - 13 + 46	346	VAR		2843									
TOTALS														
					10,817	1,989	2,106	508	8,974	42	2,928	4,573	461	4,095

	USER NAME = Brad.Cushman	DESIGNED - _____	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT SCHEDULE			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100,0000 ' / in.	CHECKED - _____	REVISED - _____					646	8N	WHITESIDE	114	18
	PLOT DATE = Nov-17-2022 06:51:36 AM	DATE - _____	REVISED - _____		SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____			CONTRACT NO. 64P93				
								ILLINOIS FED. AID PROJECT				

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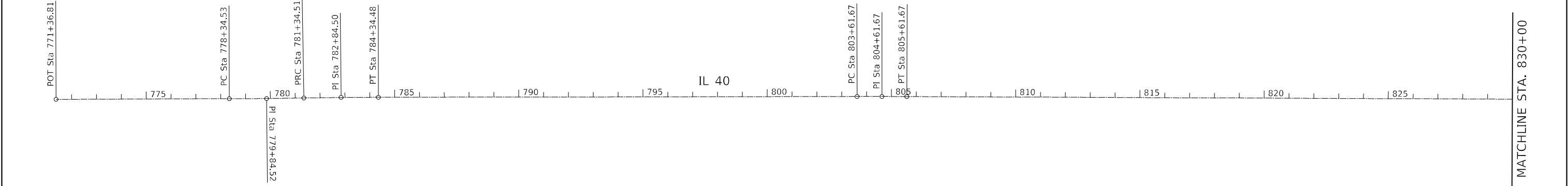
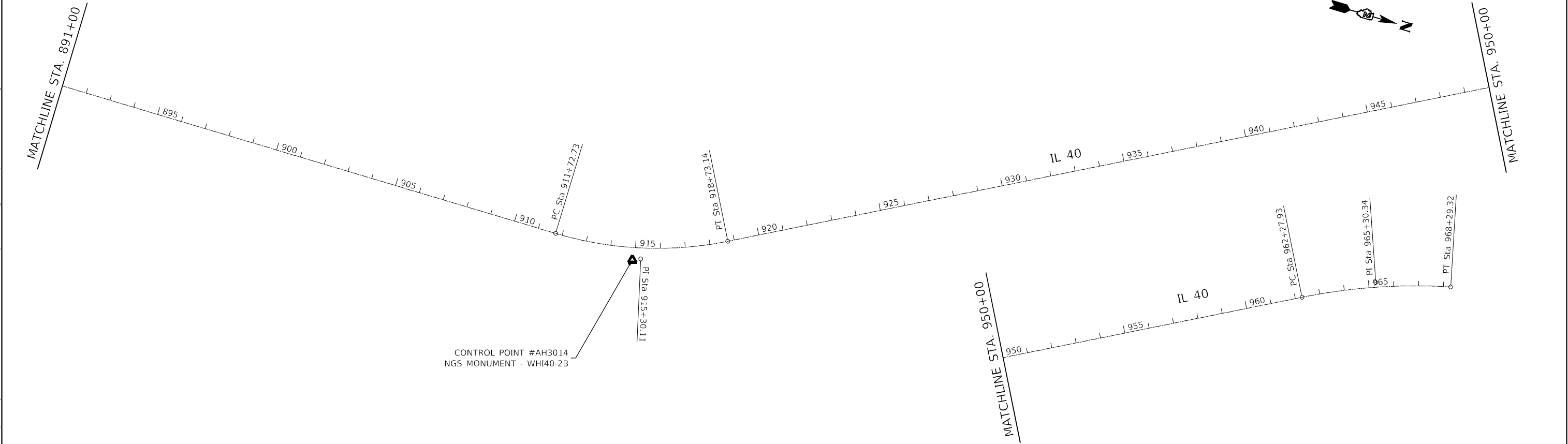
	20200100			
LOCATION	EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT	EARTHWORK BALANCE
	(CU YD)	(CU YD)	(CU YD)	WASTE (+) SHORTAGE (-) (CU YD)
IL 40 South				
867+42.00 TO 875+75.00	2338.1	1753.6	593.8	1159.8
IL 40 North				
877+50.00 TO 883+50.00	901.3	676.0	313.5	362.5
Science Ridge West				
994+27.00 TO 999+25.00	1357.6	1018.2	229.4	788.8
Science Ridge East				
1001+00.00 TO 1005+63.00	1203.2	902.4	304.0	598.4
Center Roundabout				
10+00.00 TO 13+25.00	143.7	107.8	2557.4	-2449.6
TOTALS	5943.9	4457.9	3998.1	459.8

Model - Default
FILE: \\nls1c-proj\uliet-aw.bentley.com\FW\DOT\Documents\DOT_Offices\District 2\Projects\64P93\Program_Development\Studies & Plans\Design\CADD\CAD\ Sheets\02-64P93-rht-SQO.dgn

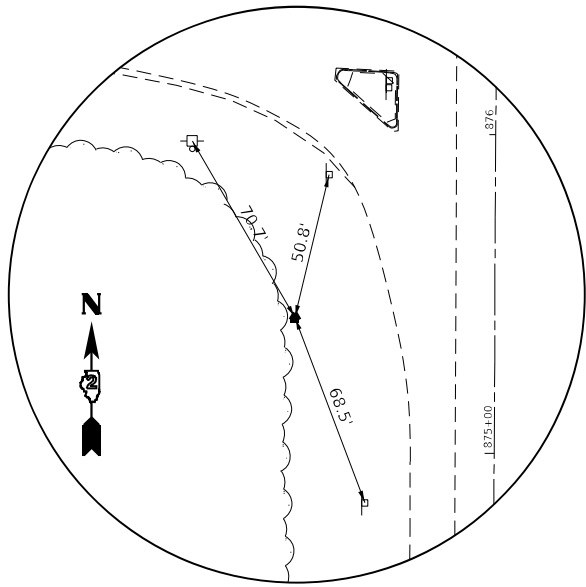
						72000100	72400310	72400320	72800100	72800100	73000100	Notes
Station	Side	Common Name of Sign	Sign Code	Size Hor (in)	Size Ver (in)	SIGN PANEL TYPE 1 (SQ FT)	REMOVE SIGN PANEL Type 1 (SQ FT)	REMOVE SIGN PANEL TYPE 2 (SQ FT)	TELESCOPING STEEL SIGN SUPPORT (FOOT) (2 in)	TELESCOPING STEEL SIGN SUPPORT (FOOT) (2 1/4 in)	WOOD SIGN SUPPORT (FOOT)	
869+35	R	Stop Ahead	W3-1	36	36		9.00					
		Science Ridge Road	W17-I100	36	15		3.75					
870+00	R	Round About	W2-6	36	36	9.00					17.0	
		Science Ridge Road	W17-I100	36	15	3.75						
872+05	M	Keep Right	R4-7	24	30	5.00			8.5	3.0		
874+00	L	South (white)	M3-3	24	12	2.00					14.0	
		IL 40	M1-I100	24	24	4.00						
875+60	M	South (white)	M3-3	24	12	2.00			10.0	3.0		
		IL 40	M1-I100	24	24	4.00						
		Diagonal right arrow (white)	M6-2	21	15	2.19						
875+60	M	Yield	R1-2	36	36	4.50			9.0	3.0		
875+60	R	Yield	R1-2	36	36	4.50			9.0	3.0		
876+05	M	Round About Chevrons	R6-4	30	24	5.00			8.0	5.0		
876+05	L	Yield	R1-2	36	36	4.50			9.0	3.0		
876+20	M	Round About Chevrons	R6-4	30	24	5.00			8.0	5.0		
876+25	L	Yield	R1-2	36	36	4.50			9.0	3.0		
876+25	R	East (green)	M3-2	24	12	2.00			10.0	3.0		
		Science Ridge Road (Green)	D3-3	36	15	3.75						
		Diagonal right arrow (green)	M6-2	21	15	2.19						
876+50	R	STOP	R1-1	36	36		9.00					SE corner
		Do Not Enter	R5-1	36	36		9.00					
876+50	R	STOP	R1-1	48	48			16.00				SE Island
		All Way	R1-3P	21	9		1.31					
876+50	L	STOP	R1-1	36	36		9.00					SW corner
		Do Not Enter	R5-1	36	36		9.00					
876+50	L	STOP	R1-1	48	48			16.00				SW Island
		All Way	R1-3P	21	9		1.31					
876+50	R	STOP	R1-1	36	36		9.00					NE corner
		Do Not Enter	R5-1	36	36		9.00					
876+50	R	STOP	R1-1	36	36		9.00					NE Island
		All Way	R1-3P	21	9		1.31					
876+50	L	STOP	R1-1	36	36		9.00					NW corner
		Do Not Enter	R5-1	36	36		9.00					
876+50	L	STOP	R1-1	48	48			16.00				NW Island
		All Way	R1-3P	21	9		1.31					
876+55	L	West (green)	M3-4	24	12	2.00			10.0	3.0		
		Science Ridge Road (Green)	D3-3	36	15	3.75						
		Diagonal right arrow (green)	M6-2	21	15	2.19						
876+65	R	Yield	R1-2	36	36	4.50			9.0	3.0		
876+80	M	Round About Chevrons	R6-4	30	24	5.00			8.0	5.0		
877+00	R	Yield	R1-2	36	36	4.50			9.0	3.0		
877+05	M	Round About Chevrons	R6-4	30	24	5.00			8.0	5.0		
877+20	M	North (white)	M3-1	24	12	2.00			10.0	5.0		
		IL 40	M1-I100	24	24	4.00						
		Diagonal right arrow (white)	M6-2	21	15	2.19						
877+20	M	Yield	R1-2	36	36	4.50			9.0	3.0		
877+20	R	Yield	R1-2	36	36	4.50			9.0	3.0		
879+00	R	North (white)	M3-1	24	12	2.00					14.0	
		IL 40	M1-I100	24	24	4.00						
881+00	M	Keep Right	R4-7	24	30	5.00			8.5	3.0		
883+00	L	Round About	W2-6	36	36	9.00					17.0	
		Science Ridge Road	W17-I100	36	15	3.75						
994+00	R	Round About	W2-6	36	36	9.00					16.0	On Science Ridge Road
		IL 40	W17-I100	30	9	1.88						
995+00	R	Stop Ahead	W3-1	36	36		9.00					On Science Ridge Road
996+50	M	Keep Right	R4-7	24	30	5.00			8.5	3.0		On Science Ridge Road
1003+05	M	Keep Right	R4-7	24	30	5.00			8.5	3.0		On Science Ridge Road
1005+00	L	Stop Ahead	W3-1	36	36		9.00					On Science Ridge Road
1006+00	L	Round About	W2-6	36	36	9.00					16.0	On Science Ridge Road
		IL 40	W17-I100	30	9	1.88						
Total						167.50	117	48	178.00	70	94	

	USER NAME = Brad,Cushman	DESIGNED - _____	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIGN SCHEDULE			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - _____	DRAWN - _____	REVISED - _____					646	8N	WHITESIDE	114	20
	PLOT SCALE = 100,0000 ' / in.	CHECKED - _____	REVISED - _____		SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____			CONTRACT NO. 64P93				
	PLOT DATE = Nov-17-2022 06:50:54 AM	DATE - _____	REVISED - _____					ILLINOIS FED. AID PROJECT				

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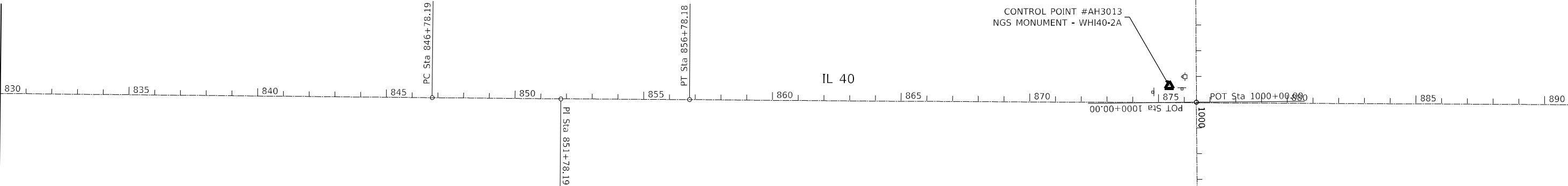


	USER NAME = Brad,Cushman	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 40 HORIZONTAL & VERTICAL CONTROL				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						646	8N	WHITESIDE	114	21
	PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -		CONTRACT NO. 64P93								
	PLOT DATE = Nov-14-2022 03:23:49 PM	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.		ILLINOIS	FED. AID PROJECT



HORIZONTAL CONTROL POINT #AH3013

MATCHLINE STA. 830+00

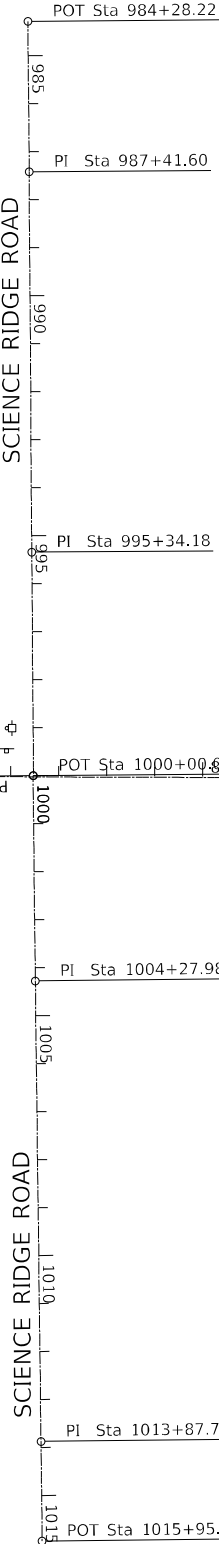


CONTROL POINT #AH3013
NGS MONUMENT - WHI40-2A

MATCHLINE STA. 891+00

HORIZONTAL CONTROL POINTS							
POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
AH3013	1878348.8500	2424155.0700	677.6877	IL40	875+41.59	62.7714' LT	NGS MONUMENT, PERM. SURVEY MARKER
AH3014	1882305.4600	2424252.1400	655.7709	IL40	914+90.16	50.3539' RT	NGS MONUMENT, PERM. SURVEY MARKER

REFERENCE TIES						
POINT	NORTH	EAST	CHAIN	STATION	OFFSET	DESCRIPTION
500	1878409.9690	2424119.5030	IL40	876+02.52	98.6512' LT	POWER POLE WITH TRANSFORMER
501	1878284.7370	2424179.2000	IL40	874+77.60	38.3132' LT	SIGN
502	1878398.2590	2424166.8830	IL40	875+91.06	51.2118' LT	SIGN



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USER NAME = Brad.Cushman	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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PLOT DATE = Nov-14-2022 03:24:07 PM	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 40 HORIZONTAL & VERTICAL CONTROL			
SCALE:	SHEET	OF	SHEETS
STA.	TO	STA.	TO

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	8N	WHITESIDE	114	22
CONTRACT NO. 64P93				
ILLINOIS FED. AID PROJECT				

MODEL: Default
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Chain IL40 contains:
A0010874 CUR A00108260 CUR A00108250 CUR A00108210 CUR A7292200 CUR A7292210 C-
UR A7292220

Beginning chain IL40 description
=====

Point A0010874 N 1,867,944.0286 E 2,424,153.7983 Sta 771+36.81

Course from A0010874 to PC A00108260 N 0° 06' 23.56" E Dist 697.7172'

Curve Data

Curve A00108260
P.I. Station 779+84.52 N 1,868,791.7354 E 2,424,155.3747
Delta = 0° 45' 07.49" (LT)
Degree = 0° 15' 02.56"
Tangent = 149.9911'
Length = 299.9780'
Radius = 22,853.1974'
External = 0.4922'
Long Chord = 299.9758'
Mid. Ord. = 0.4922'
P.C. Station 778+34.53 N 1,868,641.7446 E 2,424,155.0957
P.T. Station 781+34.51 N 1,868,941.7171 E 2,424,153.6848
C.C. N 1,868,684.2414 E 2,401,301.9379

Curve Data

Curve A00108250
P.I. Station 782+84.50 N 1,869,091.6987 E 2,424,151.9949
Delta = 0° 51' 17.27" (RT)
Degree = 0° 17' 05.84"
Tangent = 149.9912'
Length = 299.9768'
Radius = 20,106.9964'
External = 0.5594'
Long Chord = 299.9740'
Mid. Ord. = 0.5594'
P.C. Station 781+34.51 N 1,868,941.7171 E 2,424,153.6848
P.T. Station 784+34.48 N 1,869,241.6889 E 2,424,152.5427
C.C. N 1,869,168.2526 E 2,444,259.4050

Course from PT A00108250 to PC A00108210 N 0° 12' 33.34" E Dist 1,927.1833'

Curve Data

Curve A00108210
P.I. Station 804+61.67 N 1,871,268.8587 E 2,424,159.9466
Delta = 0° 20' 48.83" (RT)
Degree = 0° 10' 24.42"
Tangent = 100.0000'
Length = 199.9994'
Radius = 33,033.1946'
External = 0.1514'
Long Chord = 199.9991'
Mid. Ord. = 0.1514'
P.C. Station 803+61.67 N 1,871,168.8593 E 2,424,159.5813
P.T. Station 805+61.67 N 1,871,368.8540 E 2,424,160.9172
C.C. N 1,871,048.2130 E 2,457,192.5556

Course from PT A00108210 to PC A7292200 N 0° 33' 22.17" E Dist 4,116.5202'

Curve Data

Curve A7292200
P.I. Station 851+78.19 N 1,875,985.1566 E 2,424,205.7281
Delta = 0° 15' 45.05" (LT)
Degree = 0° 01' 34.50"
Tangent = 500.0000'
Length = 999.9982'
Radius = 218,258.6385'
External = 0.5727'
Long Chord = 999.9974'
Mid. Ord. = 0.5727'
P.C. Station 846+78.19 N 1,875,485.1802 E 2,424,200.8747
P.T. Station 856+78.18 N 1,876,485.1501 E 2,424,208.2906
C.C. N 1,877,603.7355 E 2,205,952.5185

Course from PT A7292200 to PC A7292210 N 0° 17' 37.12" E Dist 5,494.5466'

Curve Data

Curve A7292210
P.I. Station 915+30.11 N 1,882,337.0028 E 2,424,238.2820
Delta = 28° 04' 23.81" (LT)
Degree = 4° 00' 29.26"
Tangent = 357.3830'
Length = 700.4088'
Radius = 1,429.4898'
External = 43.9971'
Long Chord = 693.4236'
Mid. Ord. = 42.6834'
P.C. Station 911+72.73 N 1,881,979.6245 E 2,424,236.4504
P.T. Station 918+73.14 N 1,882,653.1961 E 2,424,071.7157
C.C. N 1,881,986.9507 E 2,422,806.9793

Course from PT A7292210 to PC A7292220 N 27° 46' 46.68" W Dist 4,354.7916'

Curve Data

Curve A7292220
P.I. Station 965+30.34 N 1,886,773.6365 E 2,421,901.1253
Delta = 14° 55' 01.85" (RT)
Degree = 2° 28' 49.59"
Tangent = 302.4062'
Length = 601.3922'
Radius = 2,309.9030'
External = 19.7110'
Long Chord = 599.6951'
Mid. Ord. = 19.5442'
P.C. Station 962+27.93 N 1,886,506.0836 E 2,422,042.0685
P.T. Station 968+29.32 N 1,887,068.4546 E 2,421,833.8063
C.C. N 1,887,582.6651 E 2,424,085.7475

=====
Ending chain IL40 description

Chain SCIENCERDG_E contains:
1004 1005 1006 1007

Beginning chain SCIENCERDG_E description
=====

Point 1004 N 1,878,453.5308 E 2,424,218.3788 Sta 1000+00.00

Course from 1004 to 1005 N 89° 21' 07.40" E Dist 427.9772'

Point 1005 N 1,878,458.3706 E 2,424,646.3286 Sta 1004+27.98

Course from 1005 to 1006 N 89° 17' 39.46" E Dist 959.7487'

Point 1006 N 1,878,470.1914 E 2,425,606.0045 Sta 1013+87.73

Course from 1006 to 1007 N 89° 21' 05.79" E Dist 207.6208'

Point 1007 N 1,878,472.5409 E 2,425,813.6120 Sta 1015+95.35

=====
Ending chain SCIENCERDG_E description

Chain SCIENCERDG_W contains:
1000 1001 1002 1003

Beginning chain SCIENCERDG_W description
=====

Point 1000 N 1,878,442.8879 E 2,422,646.6450 Sta 984+28.22

Course from 1000 to 1001 N 89° 31' 20.65" E Dist 313.3803'

Point 1001 N 1,878,445.5001 E 2,422,960.0144 Sta 987+41.60

Course from 1001 to 1002 N 89° 36' 31.36" E Dist 792.5803'

Point 1002 N 1,878,450.9128 E 2,423,752.5762 Sta 995+34.18

Course from 1002 to 1003 N 89° 32' 19.20" E Dist 465.8235'

Point 1003 N 1,878,454.6635 E 2,424,218.3846 Sta 1000+00.00

=====
Ending chain SCIENCERDG_W description

	USER NAME = Brad,Cushman	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 40 HORIZONTAL & VERTICAL CONTROL			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					646	8N	WHITESIDE	114	24
	PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 64P93				
	PLOT DATE = Nov-14-2022 03:24:42 PM	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

Model - Default
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Chain P_IL40_NB contains:
130 CUR P_IL40_NB_3 CUR P_IL40_NB_6 CUR P_IL40_NB_9 131 132 CUR P_IL40_NB_16 C-
UR P_IL40_NB_19 133

Beginning chain P_IL40_NB description
=====

Point 130 N 1,876,806.9614 E 2,424,209.9399 Sta 860+00.00

Course from 130 to PC P_IL40_NB_3 N 0° 17' 37.12" E Dist 1,000.8028'

Curve Data

Curve P_IL40_NB_3
P.I. Station 870+81.28 N 1,877,888.2252 E 2,424,215.4815
Delta = 9° 04' 31.56" (RT)
Degree = 5° 39' 01.70"
Tangent = 80.4752'
Length = 160.6137'
Radius = 1,014.0000'
External = 3.1884'
Long Chord = 160.4459'
Mid. Ord. = 3.1784'
P.C. Station 870+00.80 N 1,877,807.7511 E 2,424,215.0691
P.T. Station 871+61.42 N 1,877,967.6269 E 2,424,228.5823
C.C. N 1,877,802.5543 E 2,425,229.0557

Course from PT P_IL40_NB_3 to PC P_IL40_NB_6 N 9° 22' 08.68" E Dist 52.1194'

Curve Data

Curve P_IL40_NB_6
P.I. Station 873+06.78 N 1,878,111.0525 E 2,424,252.2468
Delta = 18° 04' 56.72" (LT)
Degree = 9° 46' 38.77"
Tangent = 93.2454'
Length = 184.9403'
Radius = 586.0000'
External = 7.3723'
Long Chord = 184.1738'
Mid. Ord. = 7.2807'
P.C. Station 872+13.54 N 1,878,019.0510 E 2,424,237.0670
P.T. Station 873+98.48 N 1,878,203.2217 E 2,424,238.1209
C.C. N 1,878,114.4480 E 2,423,658.8842

Course from PT P_IL40_NB_6 to PC P_IL40_NB_9 N 8° 42' 48.04" W Dist 108.5616'

Curve Data

Curve P_IL40_NB_9
P.I. Station 875+44.66 N 1,878,347.7153 E 2,424,215.9759
Delta = 41° 13' 53.88" (RT)
Degree = 57° 17' 44.81"
Tangent = 37.6190'
Length = 71.9628'
Radius = 100.0000'
External = 6.8419'
Long Chord = 70.4200'
Mid. Ord. = 6.4038'
P.C. Station 875+07.04 N 1,878,310.5304 E 2,424,221.6748
P.T. Station 875+79.00 N 1,878,379.4364 E 2,424,236.1987
C.C. N 1,878,325.6795 E 2,424,320.5207

Course from PT P_IL40_NB_9 to 131 N 32° 31' 05.84" E Dist 2.1351'

Point 131 N 1,878,381.2368 E 2,424,237.3465 Sta 875+81.14

Course from 131 to 132 N 14° 38' 53.81" W Dist 75.0000'

Point 132 N 1,878,453.7990 E 2,424,218.3801 Sta 876+56.14

Course from 132 to PC P_IL40_NB_16 N 15° 14' 08.06" E Dist 75.0000'

Curve Data

Curve P_IL40_NB_16
P.I. Station 877+46.23 N 1,878,540.2652 E 2,424,232.7203
Delta = 14° 20' 03.22" (RT)
Degree = 47° 44' 47.34"
Tangent = 15.0896'
Length = 30.0215'
Radius = 120.0000'
External = 0.9450'
Long Chord = 29.9433'
Mid. Ord. = 0.9376'
P.C. Station 877+31.14 N 1,878,526.1631 E 2,424,238.0892
P.T. Station 877+61.16 N 1,878,555.2575 E 2,424,231.0100
C.C. N 1,878,568.8593 E 2,424,350.2366

Course from PT P_IL40_NB_16 to PC P_IL40_NB_19 N 6° 30' 30.25" W Dist 66.5864'

Curve Data

Curve P_IL40_NB_19
P.I. Station 878+63.40 N 1,878,656.8423 E 2,424,219.4207
Delta = 6° 48' 07.37" (RT)
Degree = 9° 32' 57.47"
Tangent = 35.6573'
Length = 71.2309'
Radius = 600.0000'
External = 1.0586'
Long Chord = 71.1890'
Mid. Ord. = 1.0567'
P.C. Station 878+27.74 N 1,878,621.4147 E 2,424,223.4625
P.T. Station 878+98.97 N 1,878,692.4991 E 2,424,219.6035
C.C. N 1,878,689.4241 E 2,424,819.5956

Course from PT P_IL40_NB_19 to 133 N 0° 17' 37.12" E Dist 1,214.4375'

Point 133 N 1,879,906.9207 E 2,424,225.8275 Sta 891+13.41

=====

Ending chain P_IL40_NB description

Chain P_IL40_SB contains:
134 CUR P_IL40_SB_3 CUR P_IL40_SB_6 135 136 CUR P_IL40_SB_13 CUR P_IL40_SB_16 -
CUR P_IL40_SB_19

Beginning chain P_IL40_SB description
=====

Point 134 N 1,877,807.7511 E 2,424,215.0691 Sta 870+05.94

Course from 134 to PC P_IL40_SB_3 N 0° 17' 37.12" E Dist 407.3532'

Curve Data

Curve P_IL40_SB_3
P.I. Station 874+48.95 N 1,878,250.7558 E 2,424,217.3395
Delta = 6° 48' 07.37" (LT)
Degree = 9° 32' 57.47"
Tangent = 35.6573'
Length = 71.2309'
Radius = 600.0000'
External = 1.0586'
Long Chord = 71.1890'
Mid. Ord. = 1.0567'
P.C. Station 874+13.29 N 1,878,215.0990 E 2,424,217.1568
P.T. Station 874+84.52 N 1,878,286.1833 E 2,424,213.2978
C.C. N 1,878,218.1740 E 2,423,617.1646

Course from PT P_IL40_SB_3 to PC P_IL40_SB_6 N 6° 30' 30.25" W Dist 66.5864'

Curve Data

Curve P_IL40_SB_6
P.I. Station 875+66.20 N 1,878,367.3329 E 2,424,204.0399
Delta = 14° 20' 03.22" (LT)
Degree = 47° 44' 47.34"
Tangent = 15.0896'
Length = 30.0215'
Radius = 120.0000'
External = 0.9450'
Long Chord = 29.9433'
Mid. Ord. = 0.9376'
P.C. Station 875+51.11 N 1,878,352.3406 E 2,424,205.7503
P.T. Station 875+81.13 N 1,878,381.4350 E 2,424,198.6710
C.C. N 1,878,338.7387 E 2,424,086.5237

Course from PT P_IL40_SB_6 to 135 N 15° 14' 08.05" E Dist 75.0000'

Point 135 N 1,878,453.7990 E 2,424,218.3801 Sta 876+56.13

Course from 135 to 136 N 14° 38' 53.81" W Dist 75.0000'

Point 136 N 1,878,526.3613 E 2,424,199.4138 Sta 877+31.13

Course from 136 to PC P_IL40_SB_13 N 32° 31' 05.85" E Dist 2.1351'

Curve Data

Curve P_IL40_SB_13
P.I. Station 877+70.89 N 1,878,559.8828 E 2,424,220.7844
Delta = 41° 13' 53.89" (LT)
Degree = 57° 17' 44.81"
Tangent = 37.6190'
Length = 71.9628'
Radius = 100.0000'
External = 6.8419'
Long Chord = 70.4200'
Mid. Ord. = 6.4038'
P.C. Station 877+33.27 N 1,878,528.1617 E 2,424,200.5616
P.T. Station 878+05.23 N 1,878,597.0676 E 2,424,215.0854
C.C. N 1,878,581.9185 E 2,424,116.2396

	USER NAME = Brad.Cushman	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 40 HORIZONTAL & VERTICAL CONTROL			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					646	8N	WHITESIDE	114	25
	PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 64P93				
	PLOT DATE = Nov-14-2022 03:24:57 PM	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

Model: Default
File: \\usllc-pw-bentley.com\\P\\V\\DOT\\Documents\\DOT Offices\\District 2\\Projects\\64P93\\Program Development\\Studies & Plans\\Design\\CADD\\CAD\\Notes\\D2-64P93-rht-ATB.dgn

Chain P_IL40_SB continued:
Course from PT P_IL40_SB_13 to PC P_IL40_SB_16 N 8° 42' 48.04" W Dist 108.5616'

Curve Data

Curve P_IL40_SB_16
P.I. Station 880+07.04 N 1,878,796.5455 E 2,424,184.5135
Delta = 18° 04' 56.72" (RT)
Degree = 9° 46' 38.77"
Tangent = 93.2454'
Length = 184.9403'
Radius = 586.0000'
External = 7.3723'
Long Chord = 184.1738'
Mid. Ord. = 7.2807'
P.C. Station 879+13.79 N 1,878,704.3763 E 2,424,198.6393
P.T. Station 880+98.73 N 1,878,888.5471 E 2,424,199.6932
C.C. N 1,878,793.1501 E 2,424,777.8761

Course from PT P_IL40_SB_16 to PC P_IL40_SB_19 N 9° 22' 08.68" E Dist 52.1194'

Curve Data

Curve P_IL40_SB_19
P.I. Station 882+31.33 N 1,879,019.3728 E 2,424,221.2788
Delta = 9° 04' 31.56" (LT)
Degree = 5° 39' 01.70"
Tangent = 80.4752'
Length = 160.6137'
Radius = 1,014.0000'
External = 3.1884'
Long Chord = 160.4459'
Mid. Ord. = 3.1784'
P.C. Station 881+50.85 N 1,878,939.9712 E 2,424,208.1779
P.T. Station 883+11.47 N 1,879,099.8470 E 2,424,221.6912
C.C. N 1,879,105.0438 E 2,423,207.7045

=====
Ending chain P_IL40_SB description

Chain P_SCIENCE_EB contains:
125 CUR P_SCIENCE_EB_3 CUR P_SCIENCE_EB_6 CUR P_SCIENCE_EB_9 126 127 CUR P_SCI-
ENCE_EB_16 CUR P_SCIENCE_EB_19 128 129

Beginning chain P_SCIENCE_EB description
=====

Point 125 N 1,878,445.8990 E 2,423,018.4168 Sta 988+00.00

Course from 125 to PC P_SCIENCE_EB_3 N 89° 36' 31.36" E Dist 651.3604'

Curve Data

Curve P_SCIENCE_EB_3
P.I. Station 994+93.28 N 1,878,450.6335 E 2,423,711.6791
Delta = 4° 44' 04.02" (RT)
Degree = 5° 39' 01.70"
Tangent = 41.9182'
Length = 83.7886'
Radius = 1,014.0000'
External = 0.8661'
Long Chord = 83.7648'
Mid. Ord. = 0.8653'
P.C. Station 994+51.36 N 1,878,450.3472 E 2,423,669.7620
P.T. Station 995+35.15 N 1,878,447.4590 E 2,423,753.4769
C.C. N 1,877,436.3709 E 2,423,676.6868

Course from PT P_SCIENCE_EB_3 to PC P_SCIENCE_EB_6 S 85° 39' 24.61" E Dist 123.4852'

Curve Data

Curve P_SCIENCE_EB_6
P.I. Station 997+11.28 N 1,878,434.1203 E 2,423,929.1067
Delta = 10° 16' 05.34" (LT)
Degree = 9° 46' 38.77"
Tangent = 52.6504'
Length = 105.0188'
Radius = 586.0000'
External = 2.3605'
Long Chord = 104.8783'
Mid. Ord. = 2.3510'
P.C. Station 996+58.63 N 1,878,438.1075 E 2,423,876.6075
P.T. Station 997+63.65 N 1,878,439.5552 E 2,423,981.4759
C.C. N 1,879,022.4247 E 2,423,920.9853

Course from PT P_SCIENCE_EB_6 to PC P_SCIENCE_EB_9 N 84° 04' 30.05" E Dist 100.0000'

Curve Data

Curve P_SCIENCE_EB_9
P.I. Station 998+97.97 N 1,878,453.4205 E 2,424,115.0776
Delta = 37° 53' 01.25" (RT)
Degree = 57° 17' 44.81"
Tangent = 34.3193'
Length = 66.1195'
Radius = 100.0000'
External = 5.7252'
Long Chord = 64.9216'
Mid. Ord. = 5.4151'
P.C. Station 998+63.65 N 1,878,449.8778 E 2,424,080.9417
P.T. Station 999+29.77 N 1,878,435.2550 E 2,424,144.1951
C.C. N 1,878,350.4121 E 2,424,091.2643

Course from PT P_SCIENCE_EB_9 to 126 S 58° 02' 28.70" E Dist 2.1351'

Point 126 N 1,878,434.1249 E 2,424,146.0066 Sta 999+31.91

Course from 126 to 127 N 74° 47' 31.64" E Dist 75.0000'

Point 127 N 1,878,453.7990 E 2,424,218.3801 Sta 1000+06.91

Course from 127 to PC P_SCIENCE_EB_16 S 75° 19' 26.49" E Dist 75.0000'

Curve Data

Curve P_SCIENCE_EB_16
P.I. Station 1000+97.00 N 1,878,440.3040 E 2,424,304.9822
Delta = 14° 20' 03.22" (RT)
Degree = 47° 44' 47.34"
Tangent = 15.0896'
Length = 30.0215'
Radius = 120.0000'
External = 0.9450'
Long Chord = 29.9433'
Mid. Ord. = 0.9376'
P.C. Station 1000+81.91 N 1,878,434.7976 E 2,424,290.9332
P.T. Station 1001+11.93 N 1,878,442.1607 E 2,424,319.9571
C.C. N 1,878,323.0726 E 2,424,334.7227

Course from PT P_SCIENCE_EB_16 to PC P_SCIENCE_EB_19 N 82° 55' 55.21" E Dist 78.3011'

Curve Data

Curve P_SCIENCE_EB_19
P.I. Station 1002+23.88 N 1,878,455.9361 E 2,424,431.0580
Delta = 6° 25' 12.20" (RT)
Degree = 9° 32' 57.47"
Tangent = 33.6505'
Length = 67.2307'
Radius = 600.0000'
External = 0.9429'
Long Chord = 67.1955'
Mid. Ord. = 0.9414'
P.C. Station 1001+90.23 N 1,878,451.7955 E 2,424,397.6632
P.T. Station 1002+57.46 N 1,878,456.3166 E 2,424,464.7064
C.C. N 1,877,856.3550 E 2,424,471.4915

Course from PT P_SCIENCE_EB_19 to 128 N 89° 21' 07.40" E Dist 181.6338'

Point 128 N 1,878,458.3706 E 2,424,646.3286 Sta 1004+39.09

Course from 128 to 129 N 89° 17' 39.46" E Dist 959.7487'

Point 129 N 1,878,470.1914 E 2,425,606.0045 Sta 1013+98.84

=====
Ending chain P_SCIENCE_EB description

	USER NAME = Brad,Cushman	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 40 HORIZONTAL & VERTICAL CONTROL				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						646	8N	WHITESIDE	114	26
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	PLOT DATE = Nov-14-2022 03:25:14 PM	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT	

Model: Default
File: \\uslpc-prod\\ulc-aw-bentley.com\\P\\V\\DOT\\Documents\\DOT_Offices\\District_2\\Projects\\64P93\\Program_Development\\Studies & Plans\\Design\\CADD\\CAD\\Drawings\\D2-64P93-ht-ATB.dgn

Chain P_SCIENCE_WB contains:
121 122 CUR P_SCIENCE_WB_5 CUR P_SCIENCE_WB_8 123 124 CUR P_SCIENCE_WB_15 CUR -
P_SCIENCE_WB_18 CUR P_SCIENCE_WB_21

Beginning chain P_SCIENCE_WB description
=====

Point 121 N 1,878,450.3472 E 2,423,669.7620 Sta 994+54.15

Course from 121 to 122 N 89° 36' 31.36" E Dist 82,8162'

Point 122 N 1,878,450.9128 E 2,423,752.5762 Sta 995+36.96

Course from 122 to PC P_SCIENCE_WB_5 N 89° 32' 19.20" E Dist 229,6214'

Curve Data

Curve P_SCIENCE_WB_5
P.I. Station 998+01.21 N 1,878,453.0405 E 2,424,016.8198
Delta = 6° 36' 23.99" (LT)
Degree = 9° 32' 57.47"
Tangent = 34.6308'
Length = 69.1848'
Radius = 600.0000'
External = 0.9986'
Long Chord = 69.1465'
Mid. Ord. = 0.9969'
P.C. Station 997+66.58 N 1,878,452.7616 E 2,423,982.1901
P.T. Station 998+35.77 N 1,878,457.3017 E 2,424,051.1874
C.C. N 1,879,052.7422 E 2,423,977.3591

Course from PT P_SCIENCE_WB_5 to PC P_SCIENCE_WB_8 N 82° 55' 55.21" E Dist 66.1182'

Curve Data

Curve P_SCIENCE_WB_8
P.I. Station 999+16.98 N 1,878,467.2941 E 2,424,131.7781
Delta = 14° 20' 03.22" (LT)
Degree = 47° 44' 47.34"
Tangent = 15.0896'
Length = 30.0215'
Radius = 120.0000'
External = 0.9450'
Long Chord = 29.9433'
Mid. Ord. = 0.9376'
P.C. Station 999+01.89 N 1,878,465.4374 E 2,424,116.8032
P.T. Station 999+31.91 N 1,878,472.8005 E 2,424,145.8271
C.C. N 1,878,584.5255 E 2,424,102.0375

Course from PT P_SCIENCE_WB_8 to 123 S 75° 19' 26.49" E Dist 75.0000'

Point 123 N 1,878,453.7990 E 2,424,218.3801 Sta 1000+06.91

Course from 123 to 124 N 74° 47' 31.64" E Dist 75.0000'

Point 124 N 1,878,473.4732 E 2,424,290.7537 Sta 1000+81.91

Course from 124 to PC P_SCIENCE_WB_15 S 58° 02' 28.72" E Dist 2.1351'

Curve Data

Curve P_SCIENCE_WB_15
P.I. Station 1001+21.66 N 1,878,452.4310 E 2,424,324.4823
Delta = 41° 13' 53.88" (LT)
Degree = 57° 17' 44.81"
Tangent = 37.6190'
Length = 71.9628'
Radius = 100.0000'
External = 6.8419'
Long Chord = 70.4200'
Mid. Ord. = 6.4038'
P.C. Station 1000+84.04 N 1,878,472.3430 E 2,424,292.5652
P.T. Station 1001+56.01 N 1,878,458.4928 E 2,424,361.6097
C.C. N 1,878,557.1860 E 2,424,345.4960

Course from PT P_SCIENCE_WB_15 to PC P_SCIENCE_WB_18 N 80° 43' 37.41" E Dist 51.8091'

Chain CRDWY contains:
CUR CRDWY_1

Beginning chain CRDWY description
=====

Curve Data

Curve CRDWY_1
P.I. Station 10+00.00 N 1,878,400.5867 E 2,424,232.2887
Delta = 359° 59' 59.63" (LT)
Degree = 104° 10' 26.92"
Tangent = 0.0000'
Length = 345.5751'
Radius = 55.0000'
External = 110.0000'
Long Chord = 0.0001'
Mid. Ord. = 110.0000'
P.C. Station 10+00.00 N 1,878,400.5867 E 2,424,232.2888
P.T. Station 13+45.58 N 1,878,400.5867 E 2,424,232.2887
C.C. N 1,878,453.7990 E 2,424,218.3801

=====
Ending chain CRDWY description

Curve Data

Curve P_SCIENCE_WB_18
P.I. Station 1002+46.08 N 1,878,473.0069 E 2,424,450.5049
Delta = 13° 13' 39.74" (RT)
Degree = 17° 21' 44.49"
Tangent = 38.2632'
Length = 76.1861'
Radius = 330.0000'
External = 2.2109'
Long Chord = 76.0170'
Mid. Ord. = 2.1962'
P.C. Station 1002+07.81 N 1,878,466.8412 E 2,424,412.7418
P.T. Station 1002+84.00 N 1,878,470.3679 E 2,424,488.6769
C.C. N 1,878,141.1537 E 2,424,465.9172

Course from PT P_SCIENCE_WB_18 to PC P_SCIENCE_WB_21 S 86° 02' 42.85" E Dist 110.5052'

Curve Data

Curve P_SCIENCE_WB_21
P.I. Station 1004+55.55 N 1,878,458.5367 E 2,424,659.8127
Delta = 4° 39' 37.69" (LT)
Degree = 3° 49' 10.99"
Tangent = 61.0390'
Length = 122.0108'
Radius = 1,500.0000'
External = 1.2414'
Long Chord = 121.9771'
Mid. Ord. = 1.2404'
P.C. Station 1003+94.51 N 1,878,462.7465 E 2,424,598.9190
P.T. Station 1005+16.52 N 1,878,459.2885 E 2,424,720.8471
C.C. N 1,879,959.1747 E 2,424,702.3723

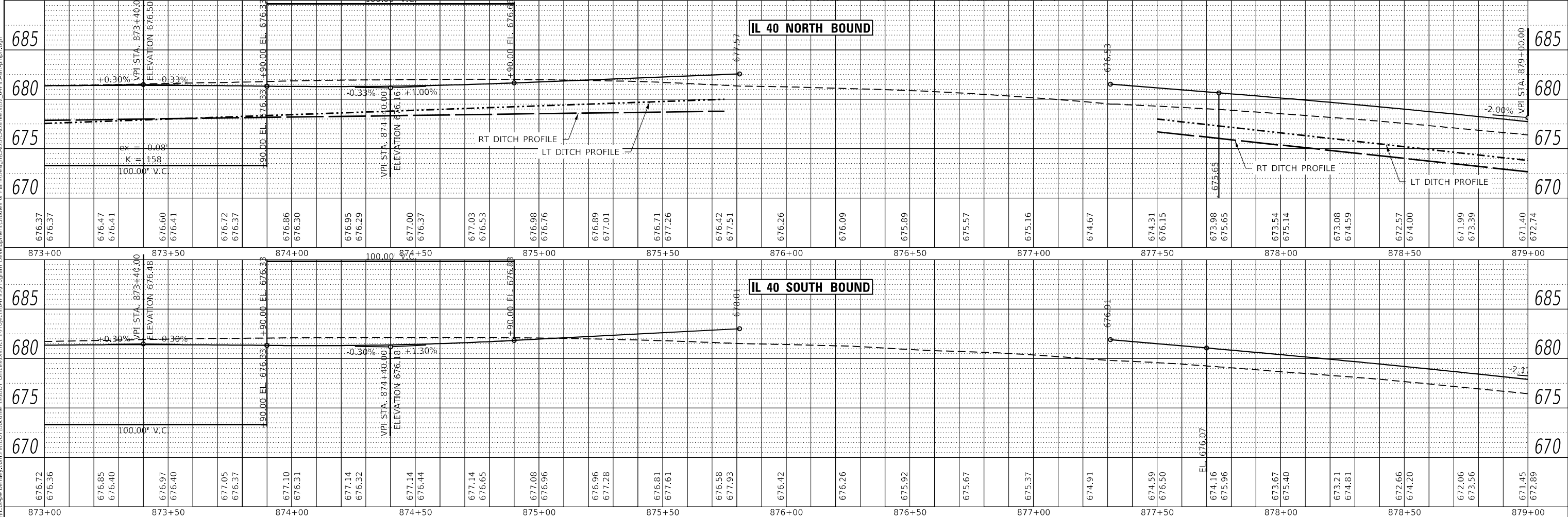
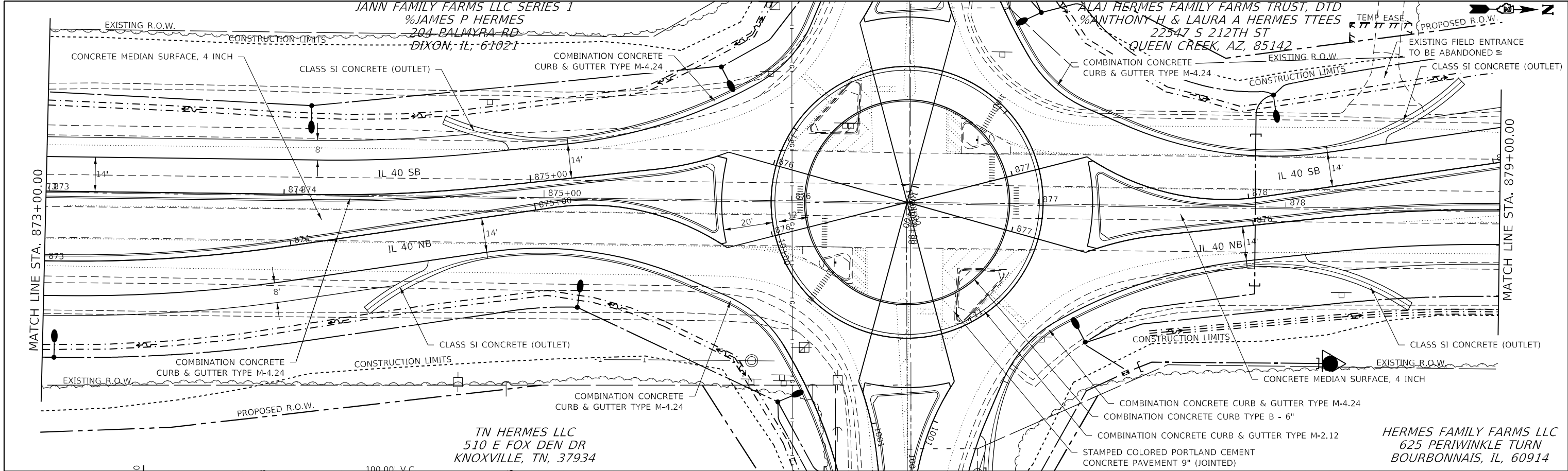
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Ending chain P_SCIENCE_WB description

	USER NAME = Brad.Cushman	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 40 HORIZONTAL & VERTICAL CONTROL		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -				646	8N		114	27
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	PLOT DATE = Nov-14-2022 03:25:35 PM	DATE -	REVISED -		SCALE:	SHEET OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

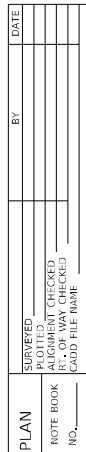
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NO.	BY	
NOTE BOOK	PLOTTED	
NO.	ALIGNMENT CHECKED	
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PROFILE	SURVEYED	DATE
NO.	BY	
NOTE BOOK	PLOTTED	
NO.	GRADES CHECKED	
	STRUCTURE NOTARIS CHWD	
	CADD FILE NAME	

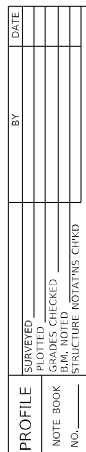
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USER NAME = Brad,Cushman		DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		IL ROUTE 40 PLAN AND PROFILE SHEETS		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 40,0000' / in.		CHECKED -	REVISED -					646	8N	WHITESIDE	114	29
PLOT DATE = Nov-16-2022 08:10:38 AM		DRAWN -	REVISED -					CONTRACT NO. 64P93				
		CHECKED -	REVISED -					ILLINOIS FED. AID PROJECT				
				SCALE:		SHEET OF SHEETS		STA. TO STA.				



ex = 0.62'
K = 176
296.00' V.C.



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	8N	WHITESIDE	114	30
		CONTRACT NO. 64P93		
ILLINOIS		FED. AID PROJECT		

PLAN	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	ALIGNMENT CHECKED		
	STRUCTURE NOTARIS CHWD		
	CADD FILE NAME		

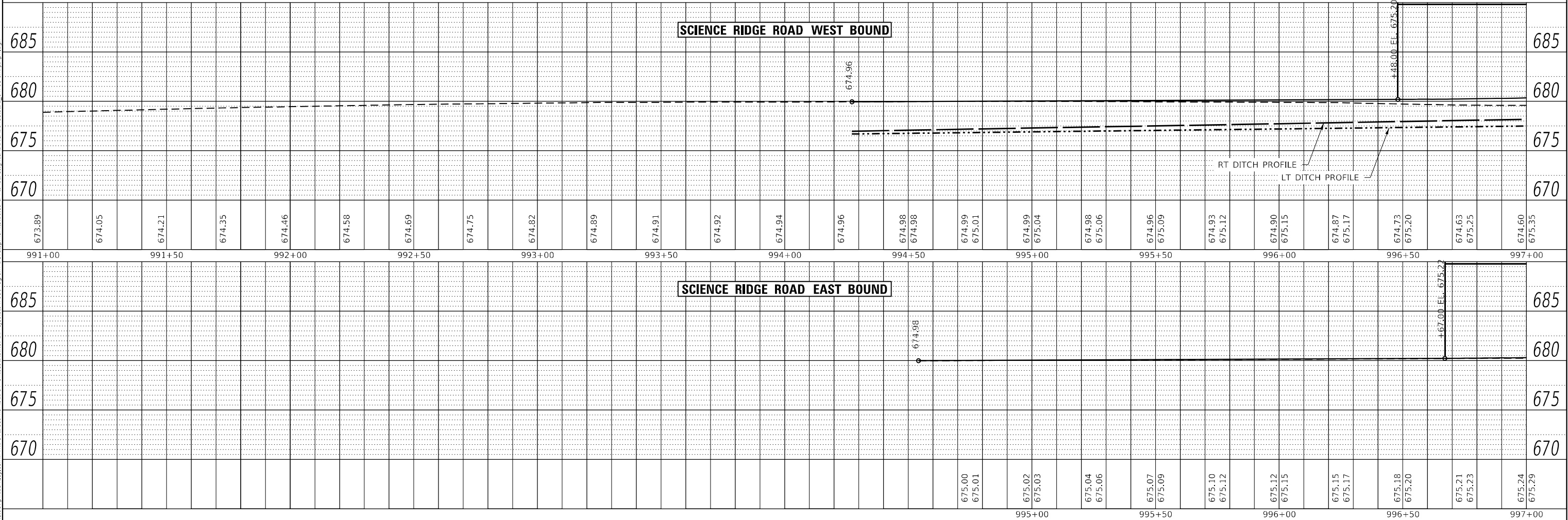
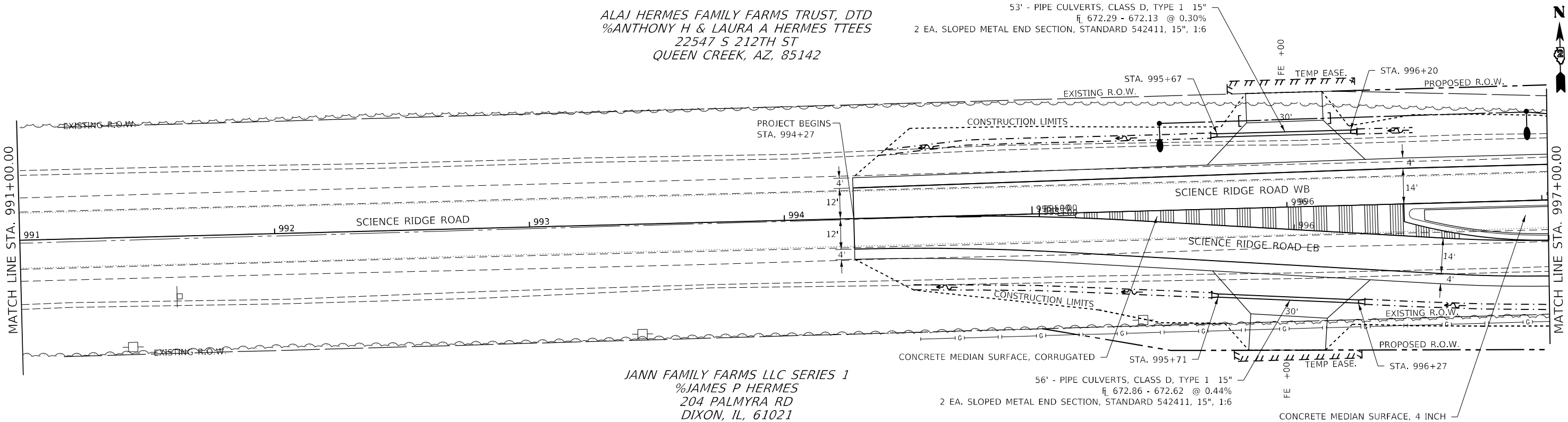
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NOTE BOOK NO.	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTARIS CHWD		
	CADD FILE NAME		

ALAJ HERMES FAMILY FARMS TRUST, DTD
%ANTHONY H & LAURA A HERMES TTEES
22547 S 212TH ST
QUEEN CREEK, AZ, 85142

JANN FAMILY FARMS LLC SERIES 1
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204 PALMYRA RD
DIXON, IL, 61021

53' - PIPE CULVERTS, CLASS D, TYPE 1 15"
@ 672.29 - 672.13 @ 0.30%
2 EA. SLOPED METAL END SECTION, STANDARD 542411, 15", 1:6

56' - PIPE CULVERTS, CLASS D, TYPE 1 15"
@ 672.86 - 672.62 @ 0.44%
2 EA. SLOPED METAL END SECTION, STANDARD 542411, 15", 1:6



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCIENCE RIDGE ROAD
PLAN AND PROFILE SHEETS

SCALE: SHEET OF SHEETS STA. TO STA.

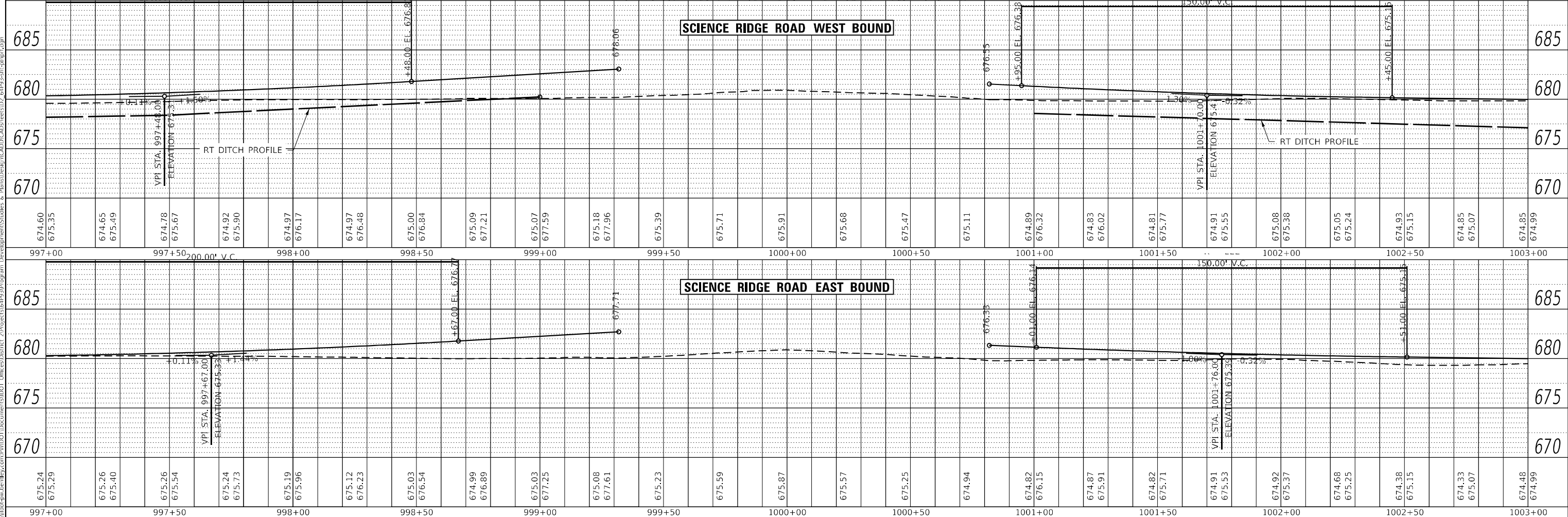
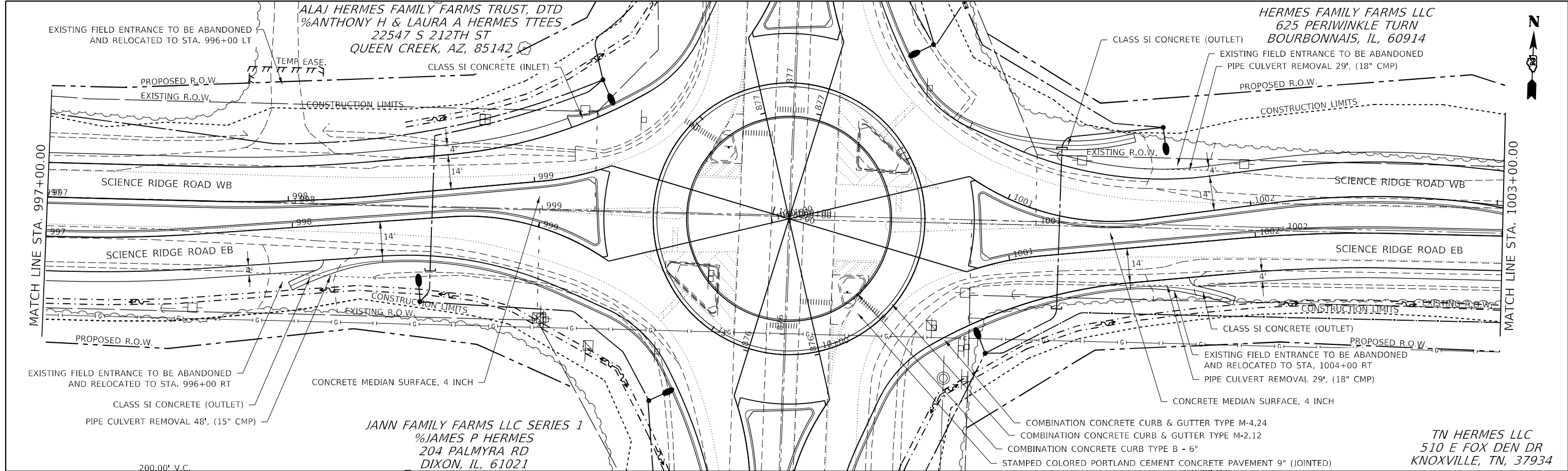
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	8N	WHITESIDE	114	31
CONTRACT NO. 64P93				

ILLINOIS FED. AID PROJECT

PLAN	SURVEYED	BY	DATE
NO.	PLOTTED		
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	CADD FILE NAME		

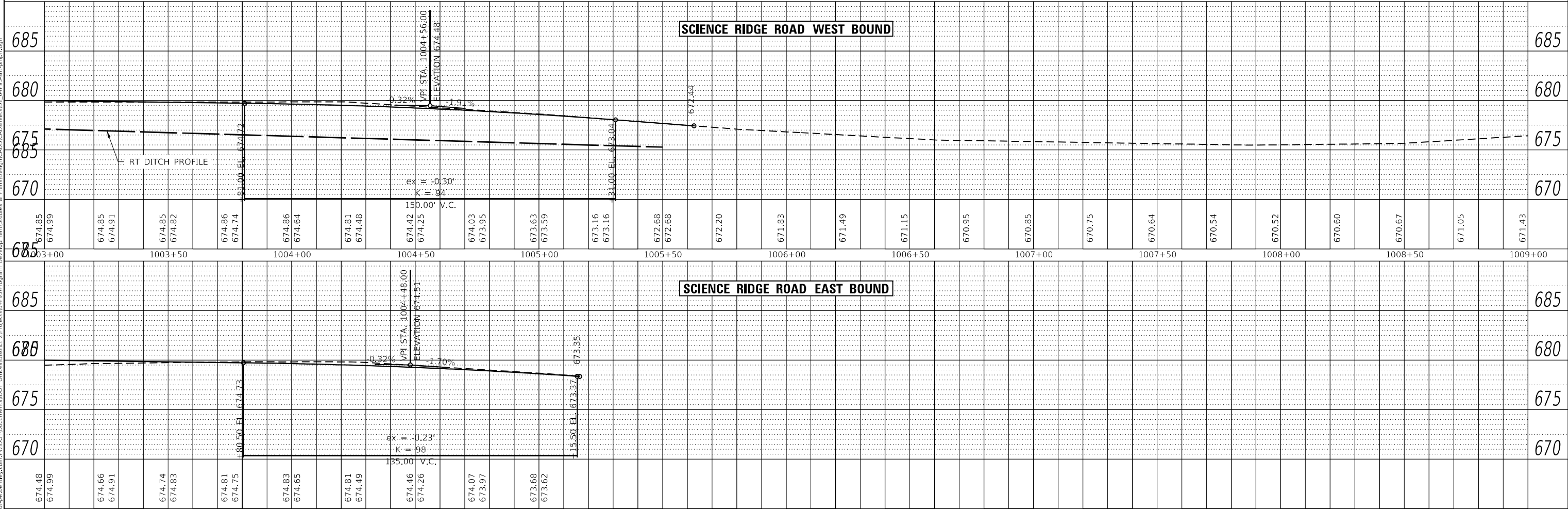
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USER NAME = Brad,Cushman				DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				SCIENCE RIDGE ROAD PLAN AND PROFILE SHEETS				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 40,0000 * / in.				CHECKED -	REVISED -									646	8N	WHITESIDE	114	32
PLOT DATE = Nov-16-2022 08:11:31 AM				DRAWN -	REVISED -									CONTRACT NO. 64P93				
				CHECKED -	REVISED -									ILLINOIS FED. AID PROJECT				
SCALE:		SHEET		OF		SHEETS		STA.		TO		STA.						

PROFILE	SURVEYED _____	BY _____	DATE _____
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NOTE BOOK _____	GRADES CHECKED _____		
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	STRUCTURE NOTATIONS CHK'D _____		

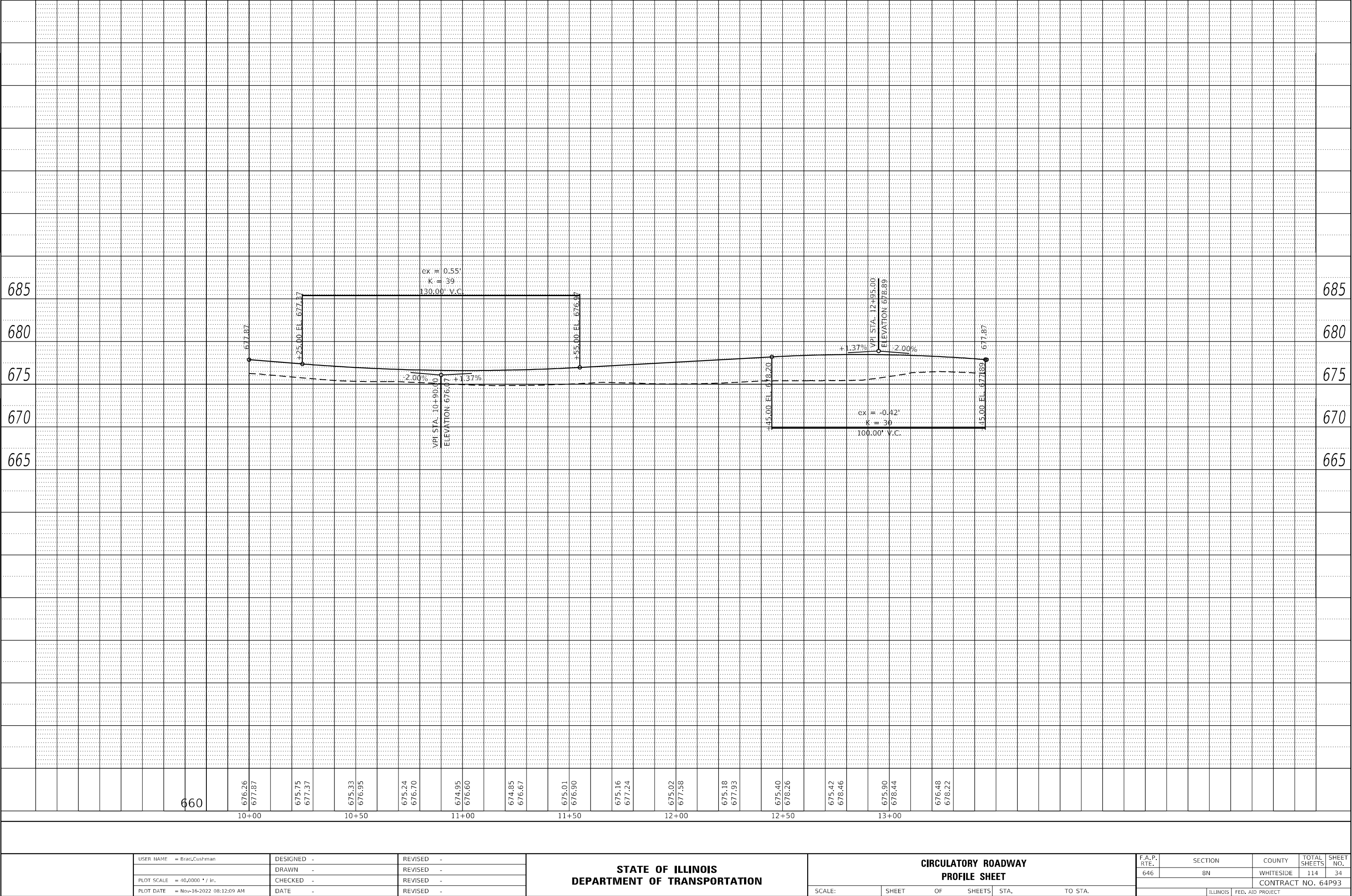


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	8N	WHITESIDE	114	33
		CONTRACT NO. 64P93		
ILLINOIS		FED. AID PROJECT		

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNMENT CHECKED		
	NO.	CADD FILE NAME	

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
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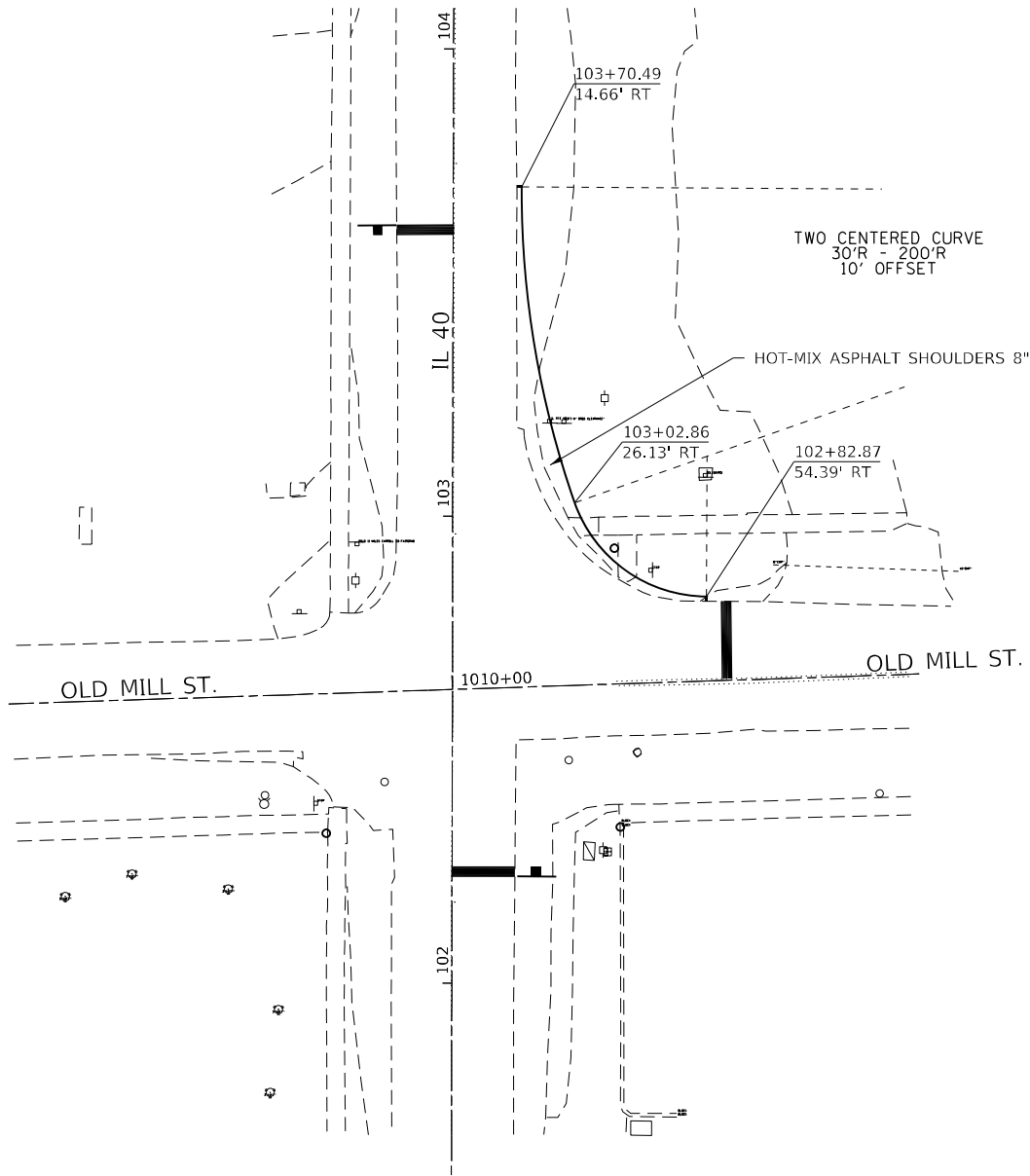
USER NAME = Brad,Cushman	DESIGNED -	REVISED -
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PLOT DATE = Nov-16-2022 08:12:09 AM	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

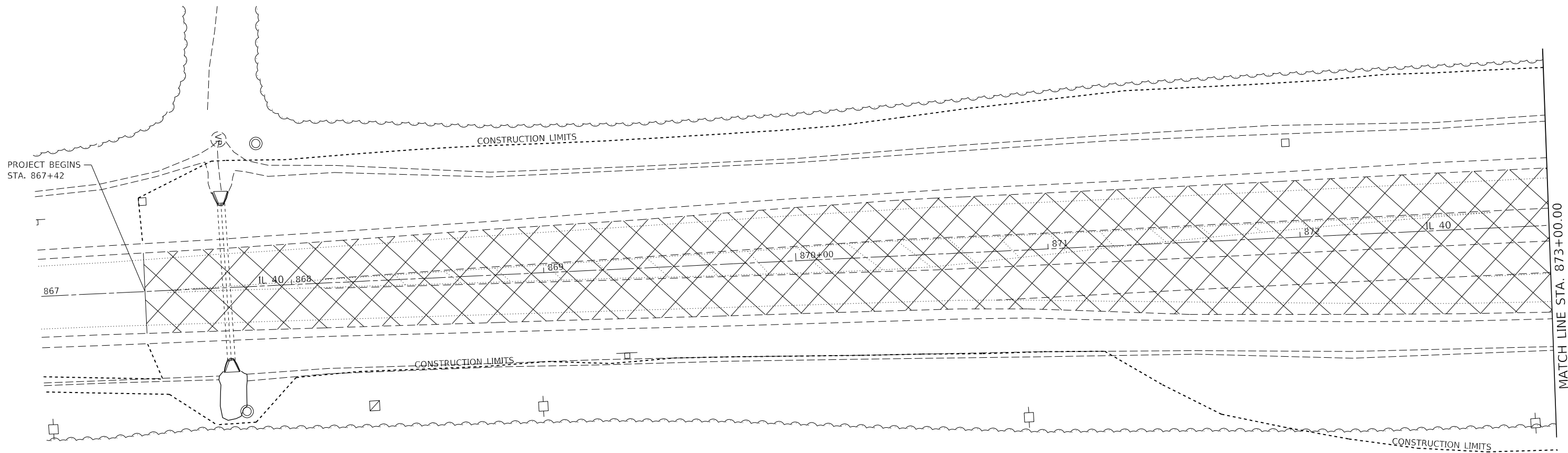
CIRCULATORY ROADWAY PROFILE SHEET			
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STA.		TO STA.	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	8N	WHITESIDE	114	34
CONTRACT NO. 64P93				
ILLINOIS		FED. AID PROJECT		

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	USER NAME = Brad,Cushman	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT WIDENING PLAN SHEET		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -				646	8N	WHITESIDE	114	35
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SCALE:		SHEET	OF	SHEETS	STA.	TO STA.					



LEGEND



PAVEMENT REMOVAL

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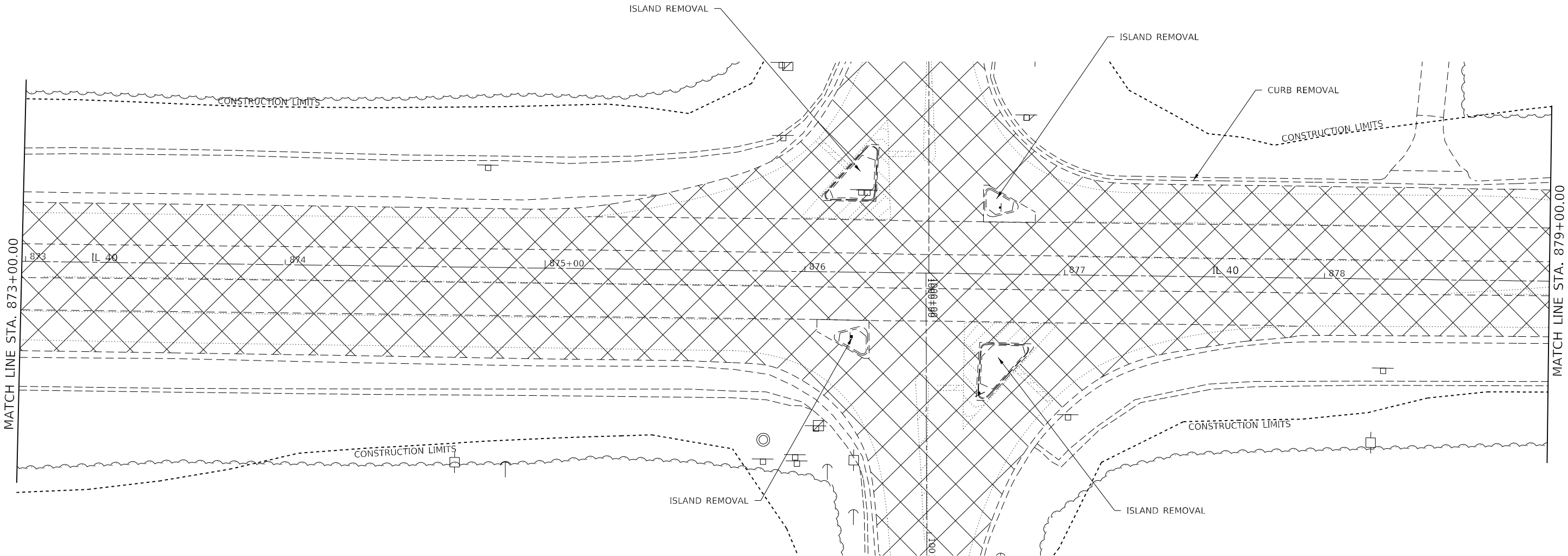
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		DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	8N	WHITESIDE	114	36
CONTRACT NO. 64P93				
ILLINOIS FED. AID PROJECT				



LEGEND



PAVEMENT REMOVAL

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User: brad.cushman@dot.state.il.us
Project: 64P93-Whiteside
Sheet: 37 of 37
Date: 11/14/2022 03:34:06 PM

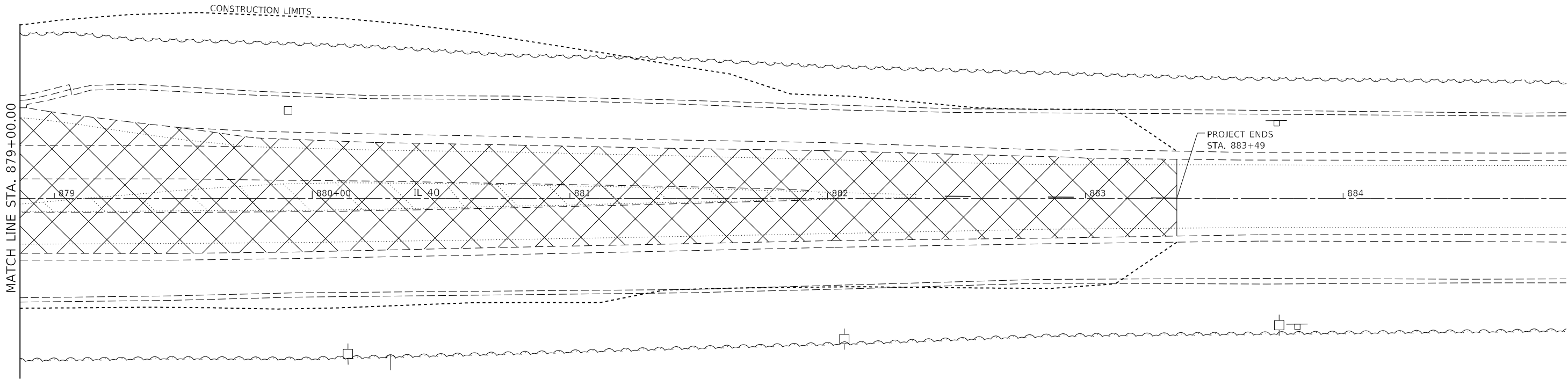
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DRAWN	-	REVISION	-	REVISION	-
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	8N	WHITESIDE	114	37
CONTRACT NO. 64P93				
ILLINOIS FED. AID PROJECT				



LEGEND

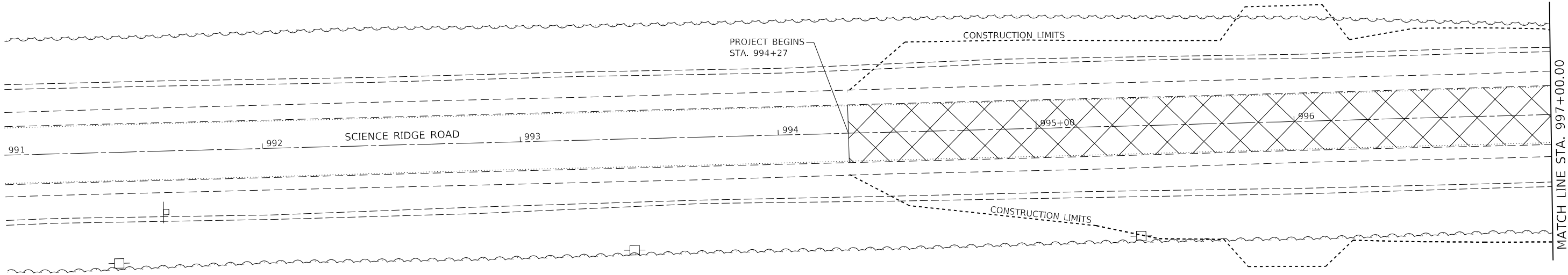


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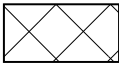
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	USER NAME = Brad,Cushman	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REMOVAL DETAILS				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		DATE -	REVISED -						ILLINOIS FED. AID PROJECT				

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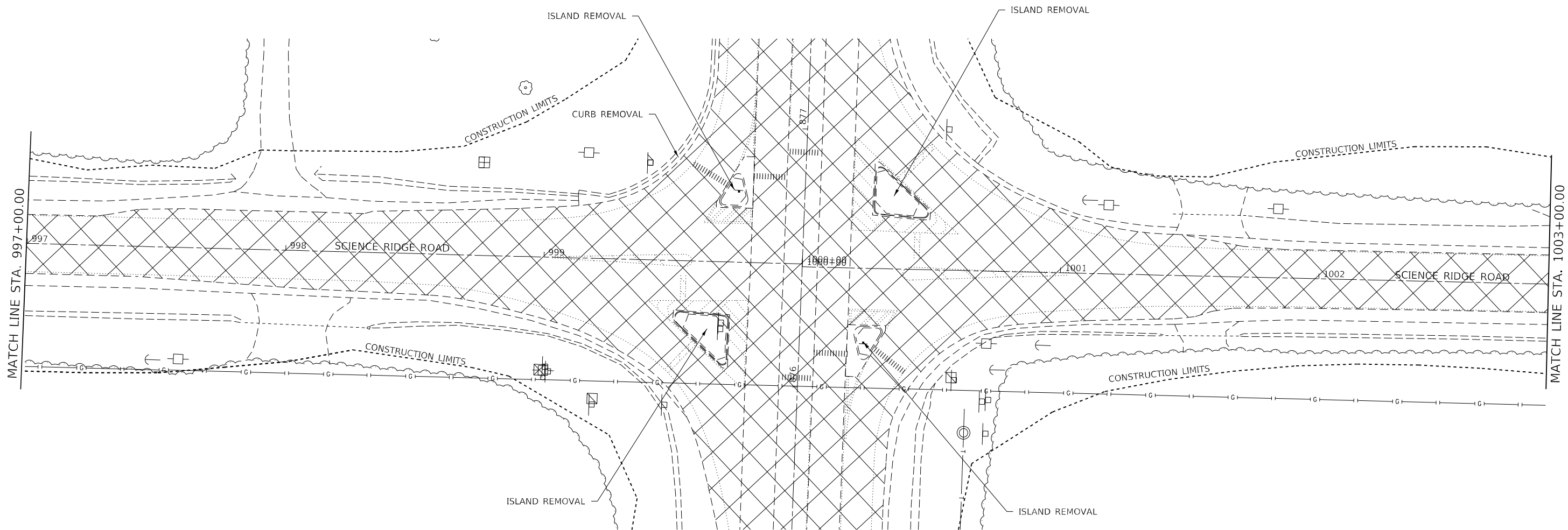


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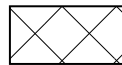


PAVEMENT REMOVAL

	USER NAME = Brad,Cushman	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REMOVAL DETAILS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		DATE -	REVISED -					ILLINOIS FED. AID PROJECT				



LEGEND



PAVEMENT REMOVAL

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FILE: 64P93-shr-removal.dgn
C:\Users\brad.cushman\OneDrive\Documents\DOT Office\District 2\Projects\64P93\Program Development\Studies & Plans\Design\CADD\64P93-shr-removal.dgn

USER NAME	= Brad.Cushman	DESIGNED	-	REVISED	-
DRAWN	-	REVIS	-	REVIS	-
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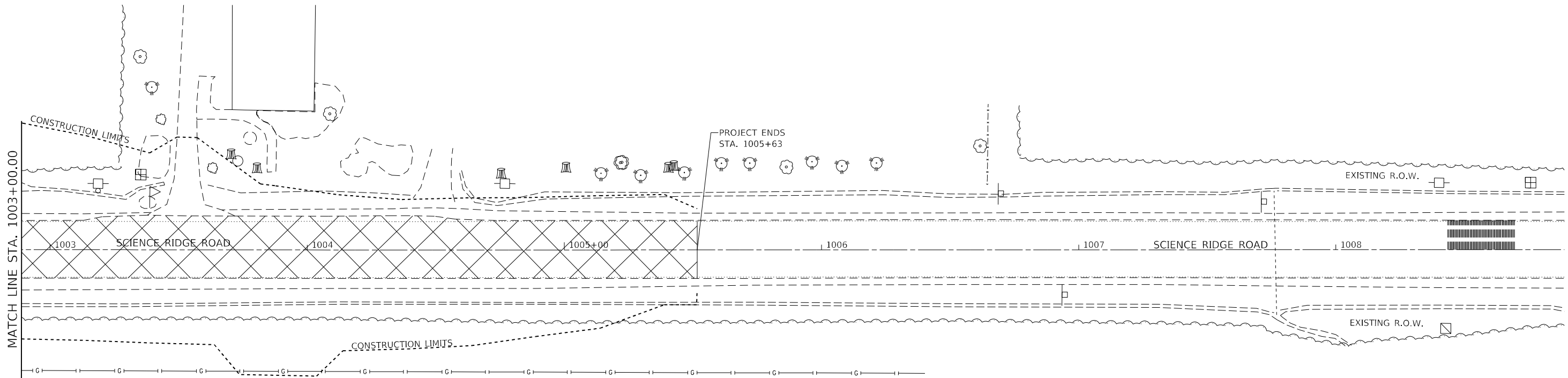
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL DETAILS

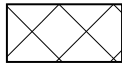
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	8N	WHITESIDE	114	40
CONTRACT NO. 64P93				
ILLINOIS FED. AID PROJECT				

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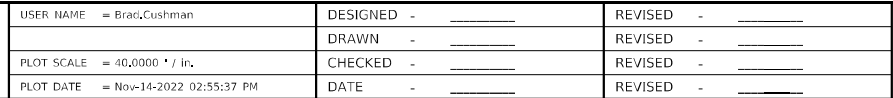


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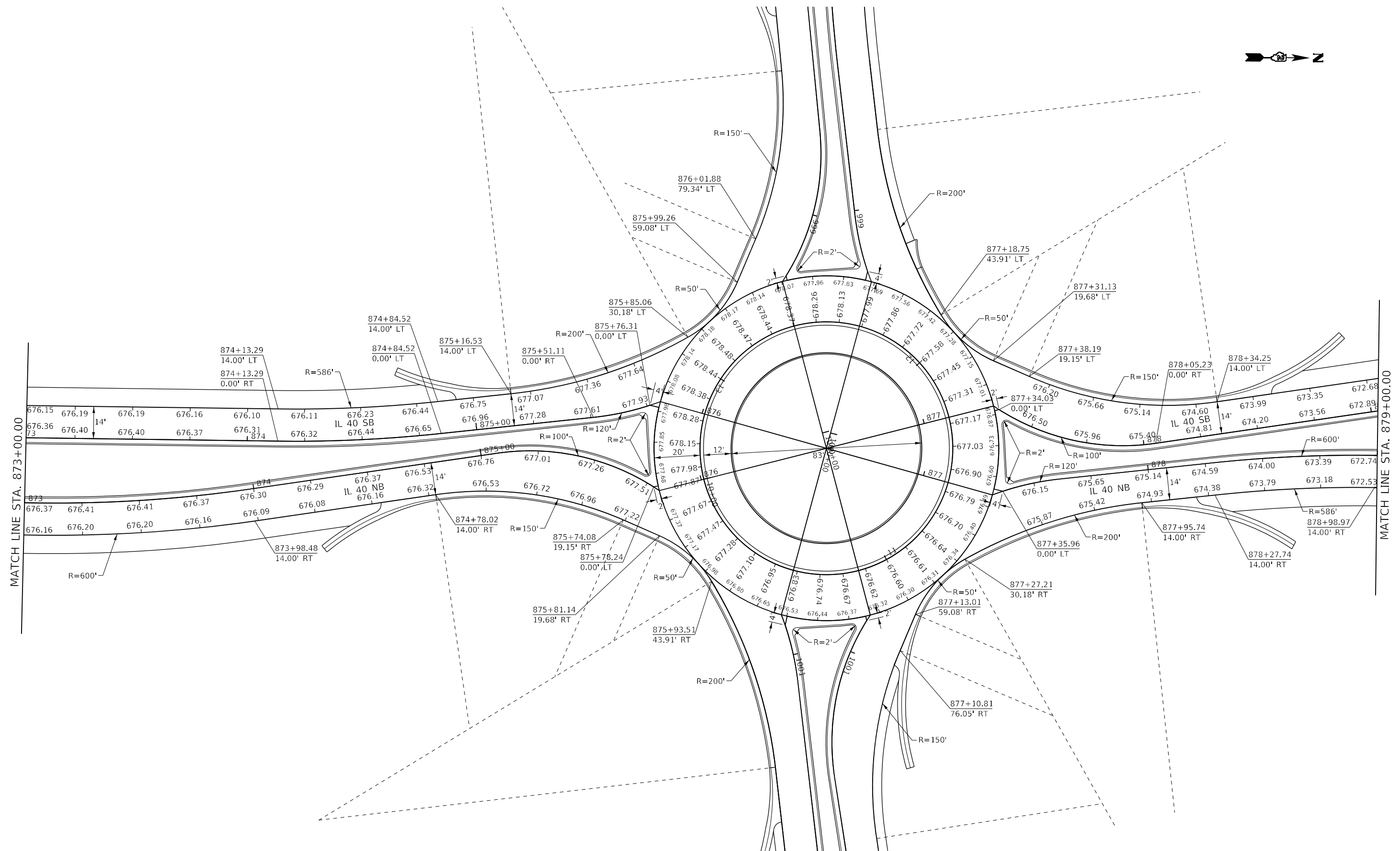
PAVEMENT REMOVAL

	USER NAME = Brad,Cushman	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REMOVAL DETAILS				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		DATE -	REVISED -						ILLINOIS FED. AID PROJECT				



IL 40 PAVEMENT ELEVATIONS

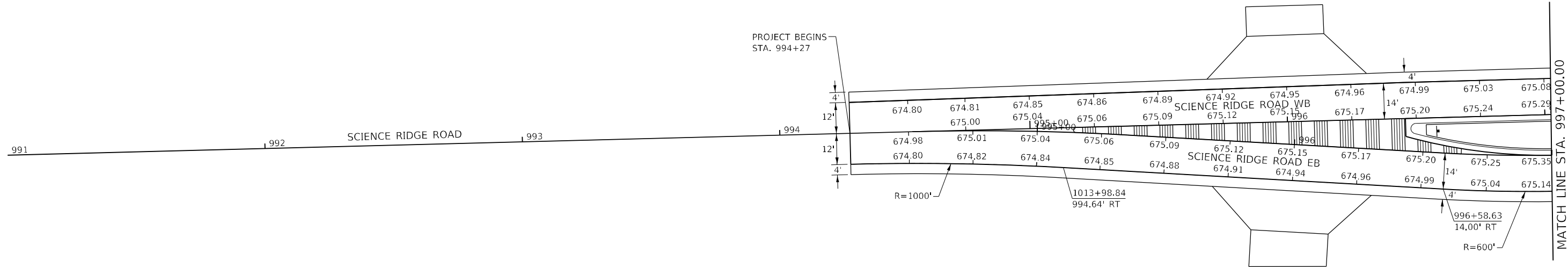
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	8N	WHITESIDE	114	42
		CONTRACT NO. 64P93		
ILLINOIS		FED. AID PROJECT		



USER NAME = Braci,Cushman	DESIGNED - _____	REVISED - _____
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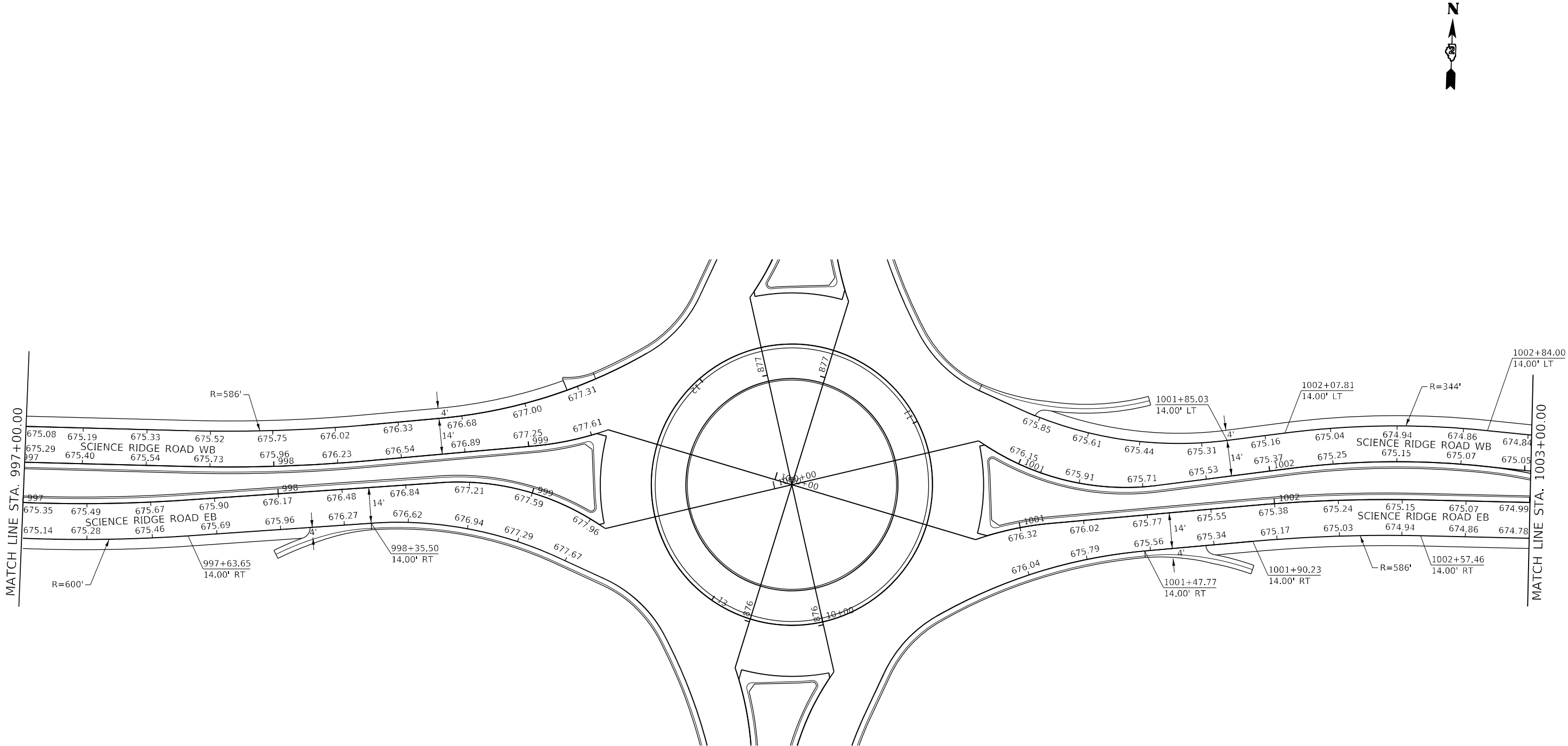


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	USER NAME = Brad,Cushman	DESIGNED - _____	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCIENCE RIDGE PAVEMENT ELEVATIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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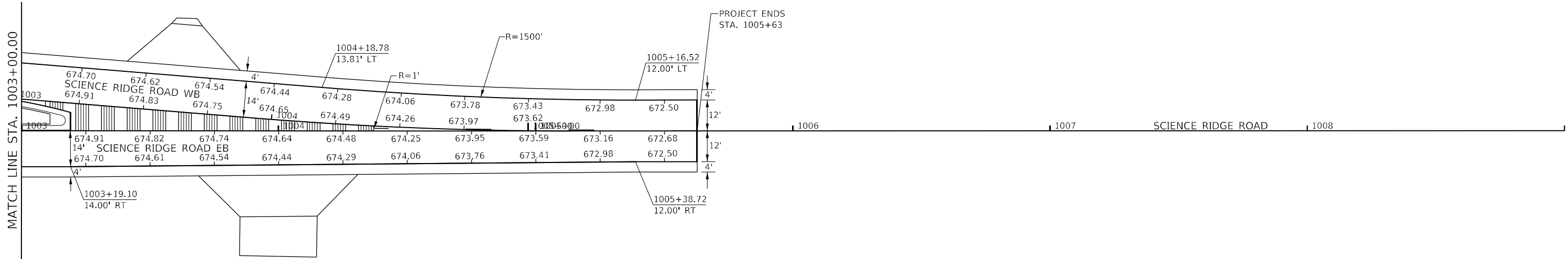
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCIENCE RIDGE PAVEMENT ELEVATIONS			
SCALE: _____	SHEET ____	OF ____ SHEETS	STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	8N	WHITESIDE	114	46
CONTRACT NO. 64P93				
		ILLINOIS	FED. AID PROJECT	

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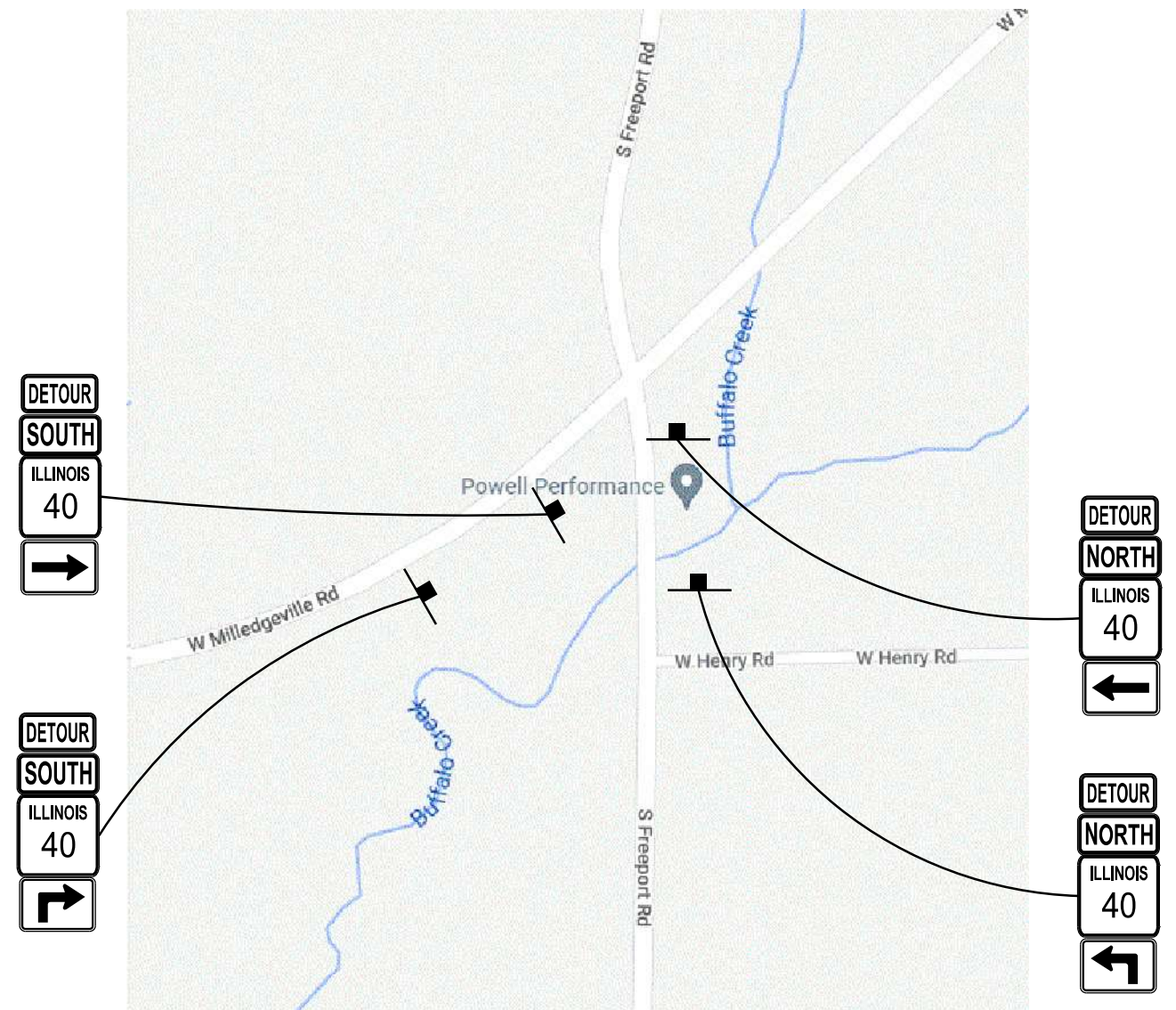
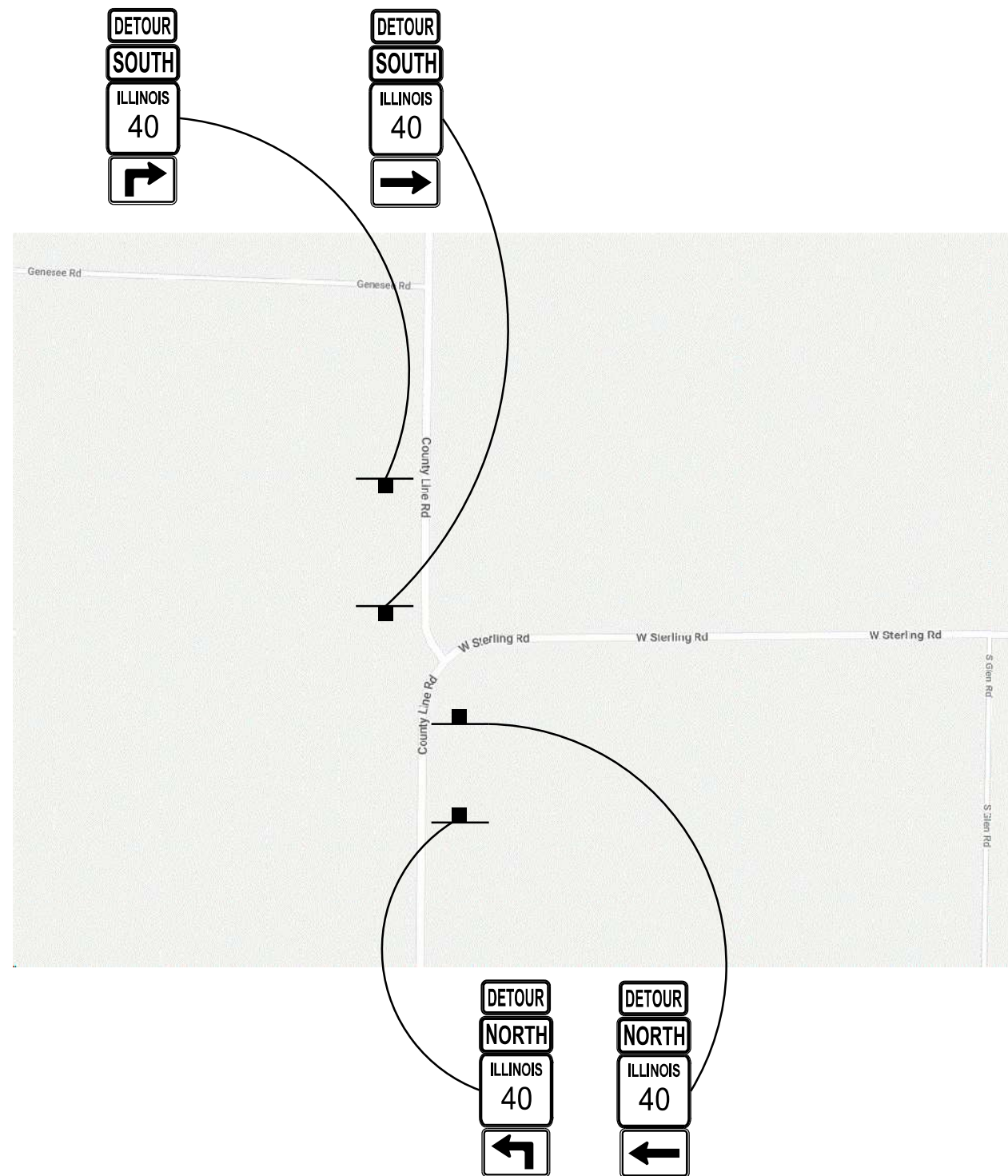
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCIENCE RIDGE PAVEMENT ELEVATIONS			
SCALE: _____	SHEET ____ OF ____ SHEETS	STA. _____	TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	8N	WHITESIDE	114	47
CONTRACT NO. 64P93				
		ILLINOIS	FED. AID PROJECT	

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PROGRAM: DevelopmentStudies & Plans
DESIGN: CADD
SHEETS: 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NOTE:
THIS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE
PER LUMP SUM AS TRAFFIC CONTROL PROTECTION (SPECIAL).

THIS MARKED DETOUR WILL BE IN PLACE
FOR 60 CONSECUTIVE CALENDAR DAYS.

USER NAME = Brad.Cushman	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 8000.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = Nov-17-2022 07:07:10 AM	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETOUR SIGNING

SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	8N	WHITESIDE	114	50
		CONTRACT NO. 64P93		
		ILLINOIS	FED. AID PROJECT	



1



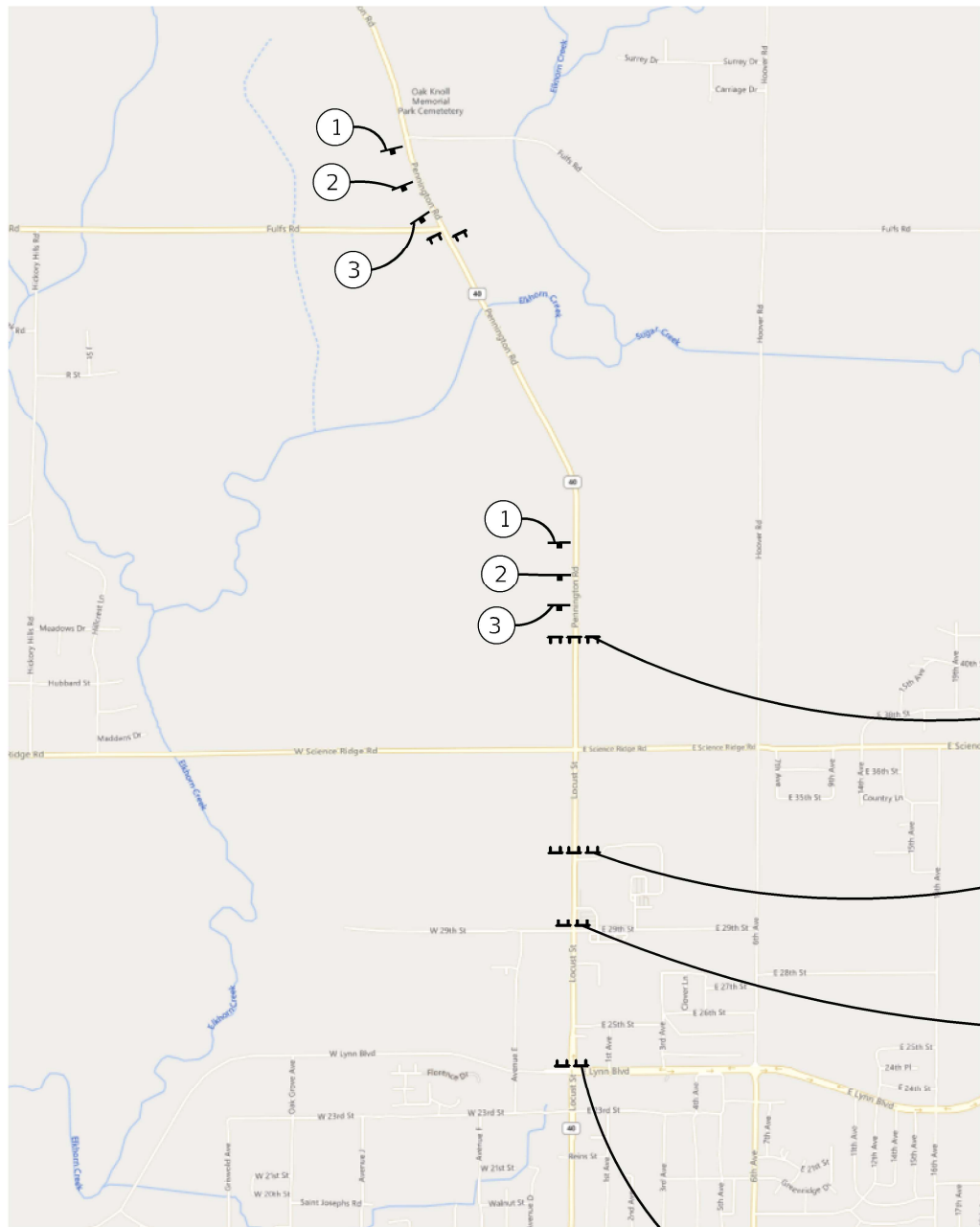
2



3

ROAD CLOSED
2 MILES AHEAD
LOCAL TRAFFIC ONLY

AT CAPP ROAD



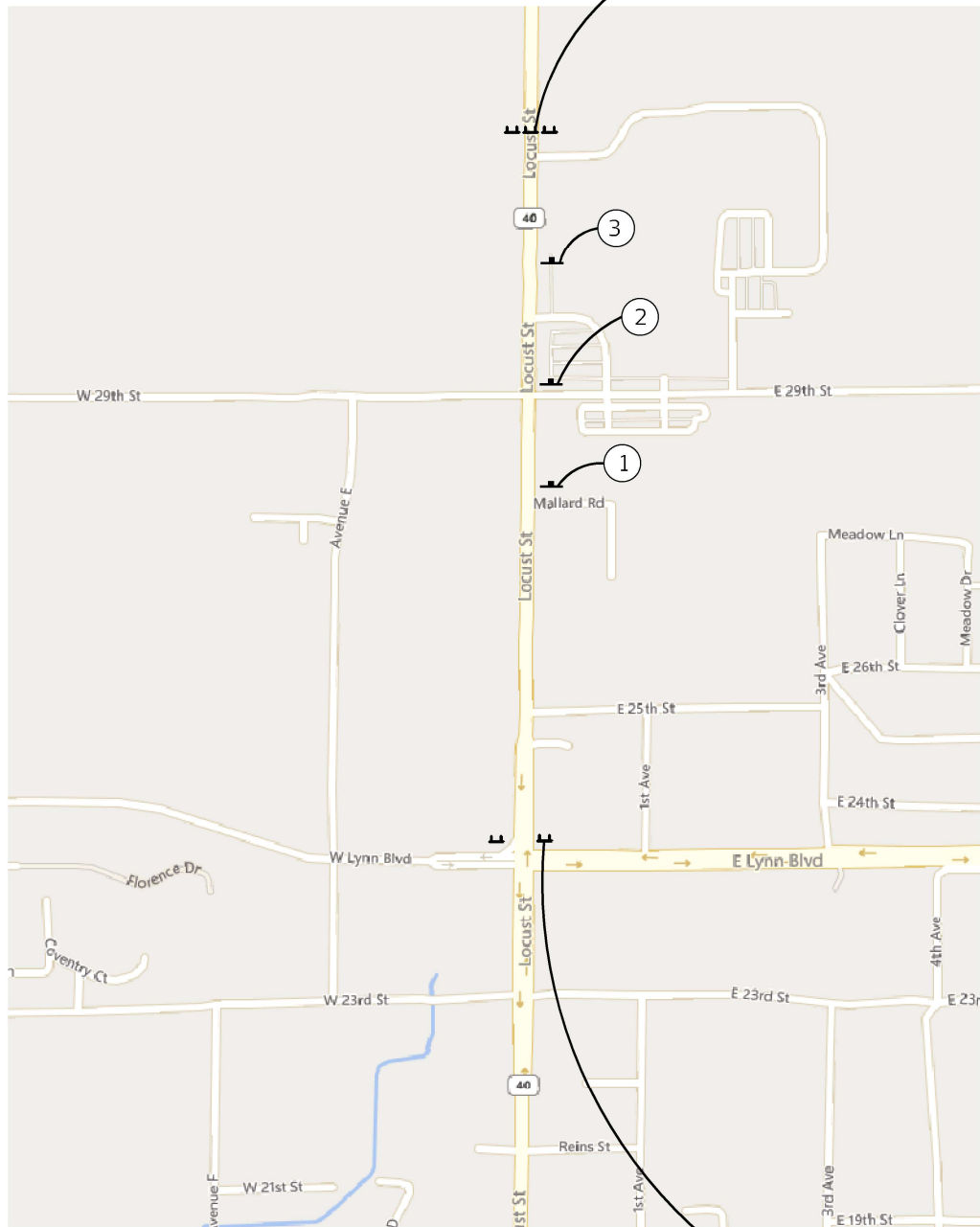
FULL CLOSURE AT
LAST ENTRANCE

ROAD
CLOSED

FULL CLOSURE AFTER
WAHL ENTRANCE

ROAD CLOSED
1000 FT AHEAD
LOCAL TRAFFIC ONLY

ROAD CLOSED
1/2 MILE AHEAD
LOCAL TRAFFIC ONLY



FULL CLOSURE AFTER
WAHL ENTRANCE

ROAD CLOSED
1/2 MILE AHEAD
LOCAL TRAFFIC ONLY

MODEL: Default
FILE NAME: twillietaw.bentley.com:\V\DOT\Documents\DOT Offices\District 2\Projects\64P93\Program Development\Studies & Plans\Design\CADD\CD\Sheets\02_64P93-sh-detour.dgn

USER NAME = Brad.Cushman	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 8000.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = Nov-17-2022 07:08:53 AM	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

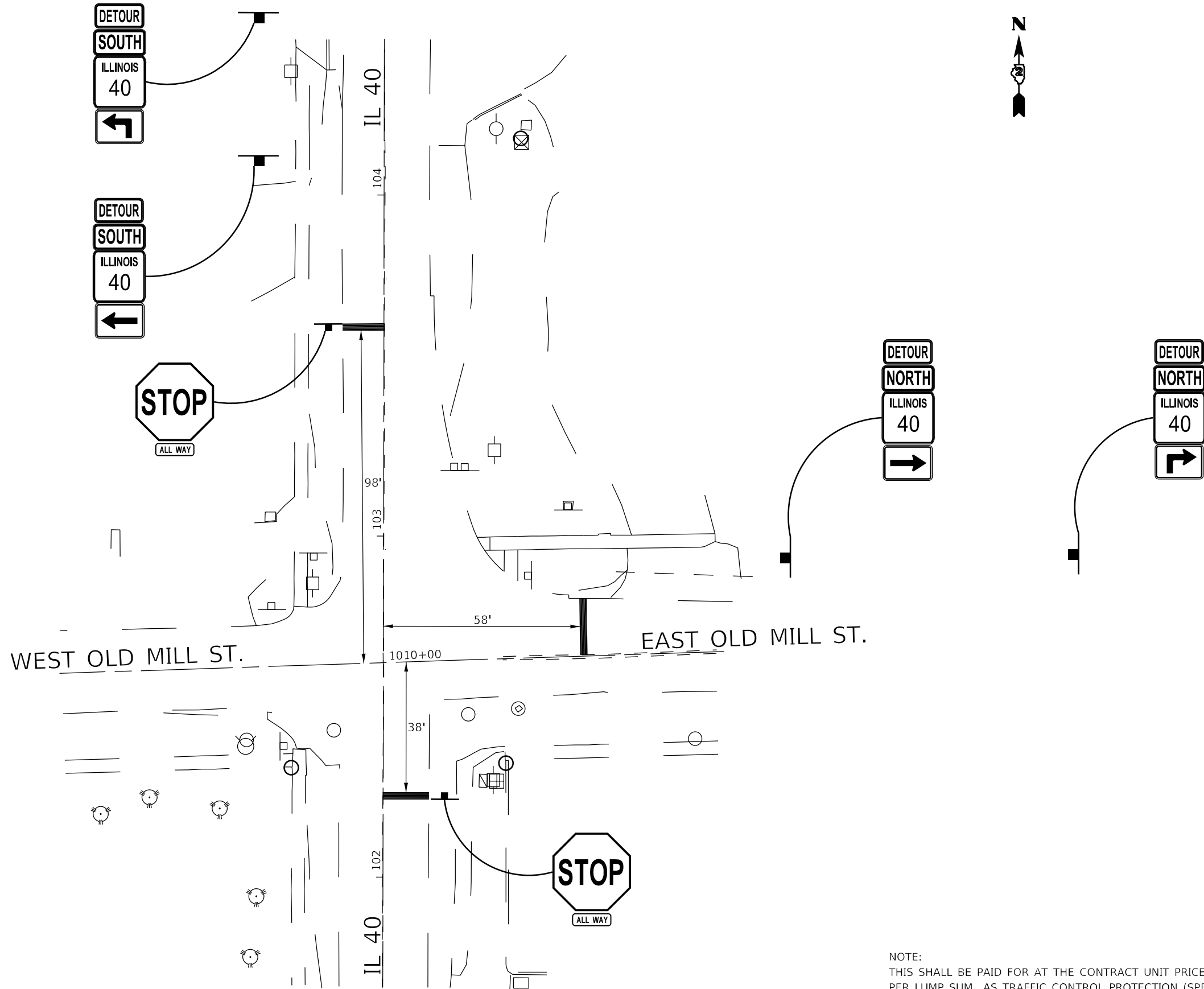
DETOUR SIGNING

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	8N	WHITESIDE	114	51
CONTRACT NO. 64P93				
ILLINOIS FED. AID PROJECT				



MODEL: Default
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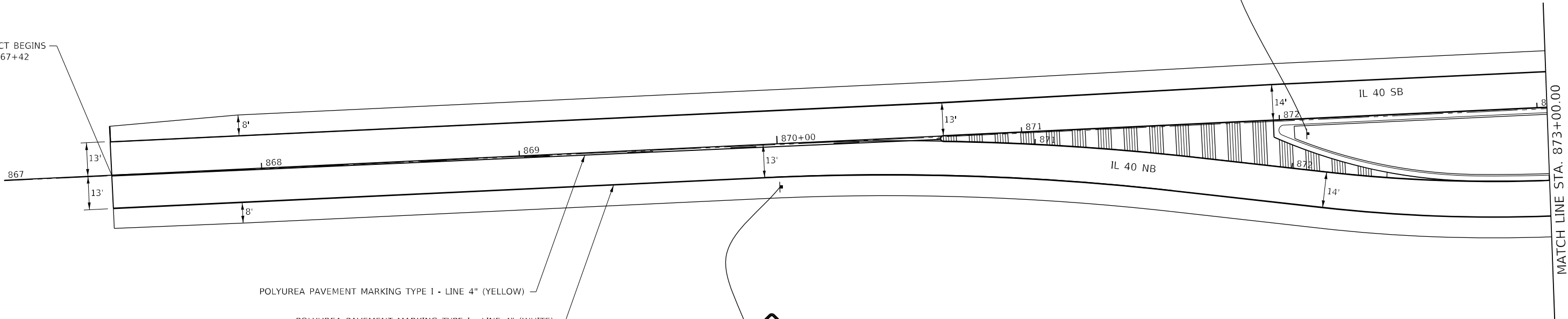
NOTE:
THIS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE
PER LUMP SUM AS TRAFFIC CONTROL PROTECTION (SPECIAL).

THIS MARKED DETOUR WILL BE IN PLACE
FOR 60 CONSECUTIVE CALENDAR DAYS.

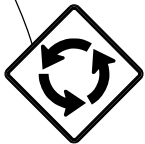
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		DRAWN -	REVISED -						646	8N	WHITESIDE	114	52
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PROJECT BEGINS
STA. 867+42



R4-7
(24x30)
8.5' TEL POST
3.0' TEL BASE



Science Ridge
Road

W2-6
(36x36)

W17-I100
(36x15)

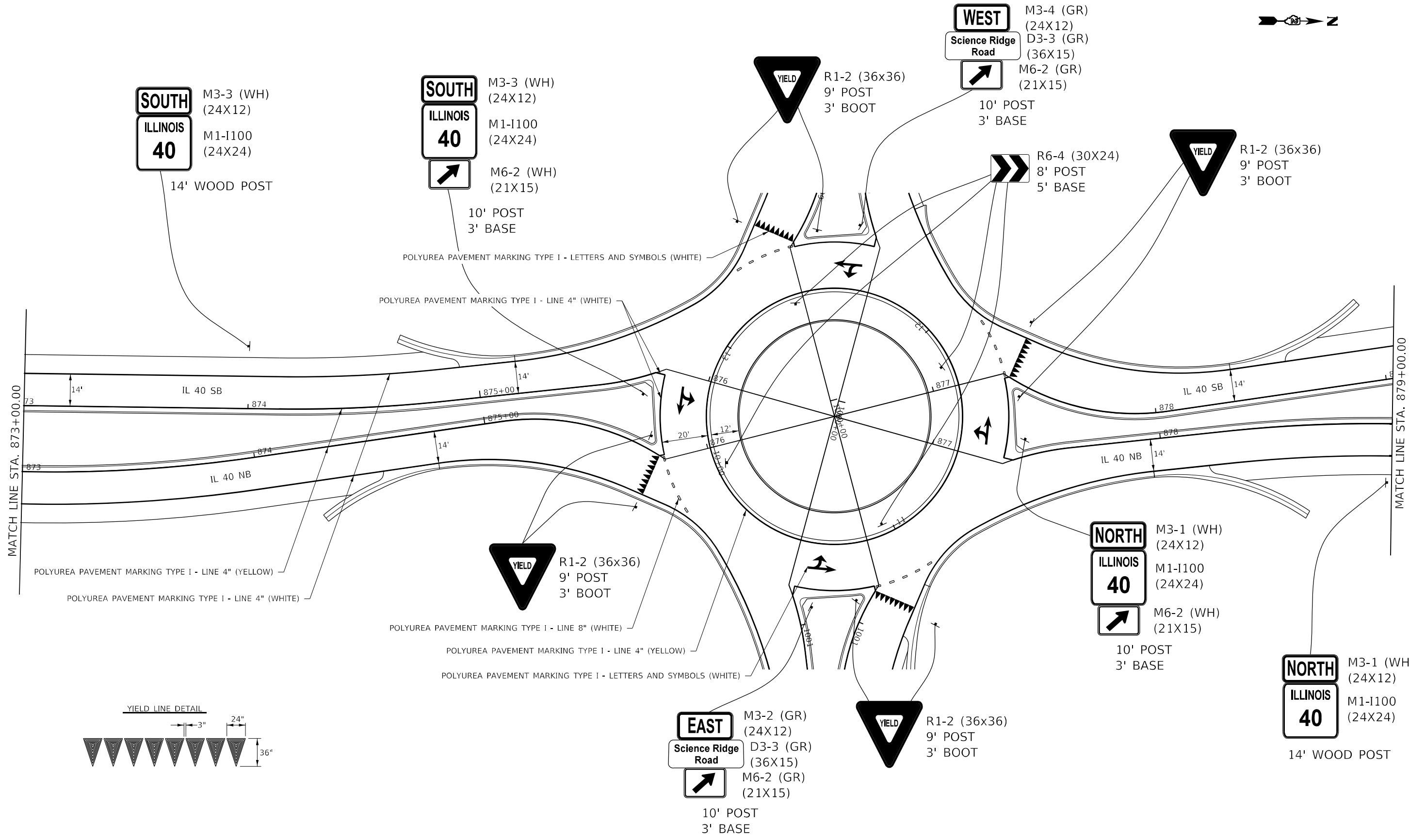
17' WOOD POST

NOTE:

ALL SOLAR POWERED FLASHERS AND SIGNS THAT ARE TO BE REMOVED
NEED TO BE RETURNED TO THE DISTRICT 2 SIGN SHOP.

	USER NAME = Brad.Cushman	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING / SIGNING DETAILS				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING / SIGNING DETAILS			
SCALE:	SHEET	OF	SHEETS
STA.	TO	STA.	TO

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	8N	WHITESIDE	114	54
CONTRACT NO. 64P93				
ILLINOIS FED. AID PROJECT				



R4-7
(24x30)
8.5' TEL POST
3.0' TEL BASE

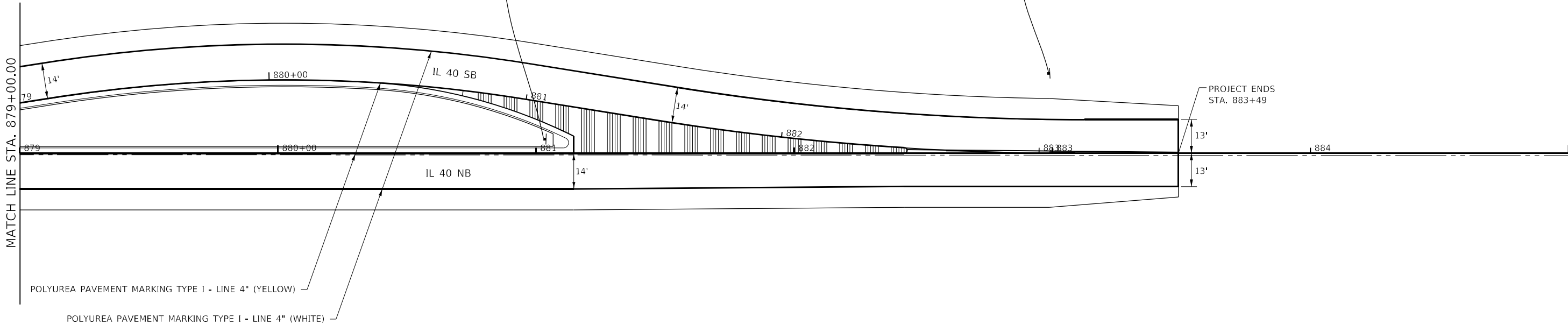


W2-6
(36x36)



W17-1100
(36x15)

17' WOOD POST



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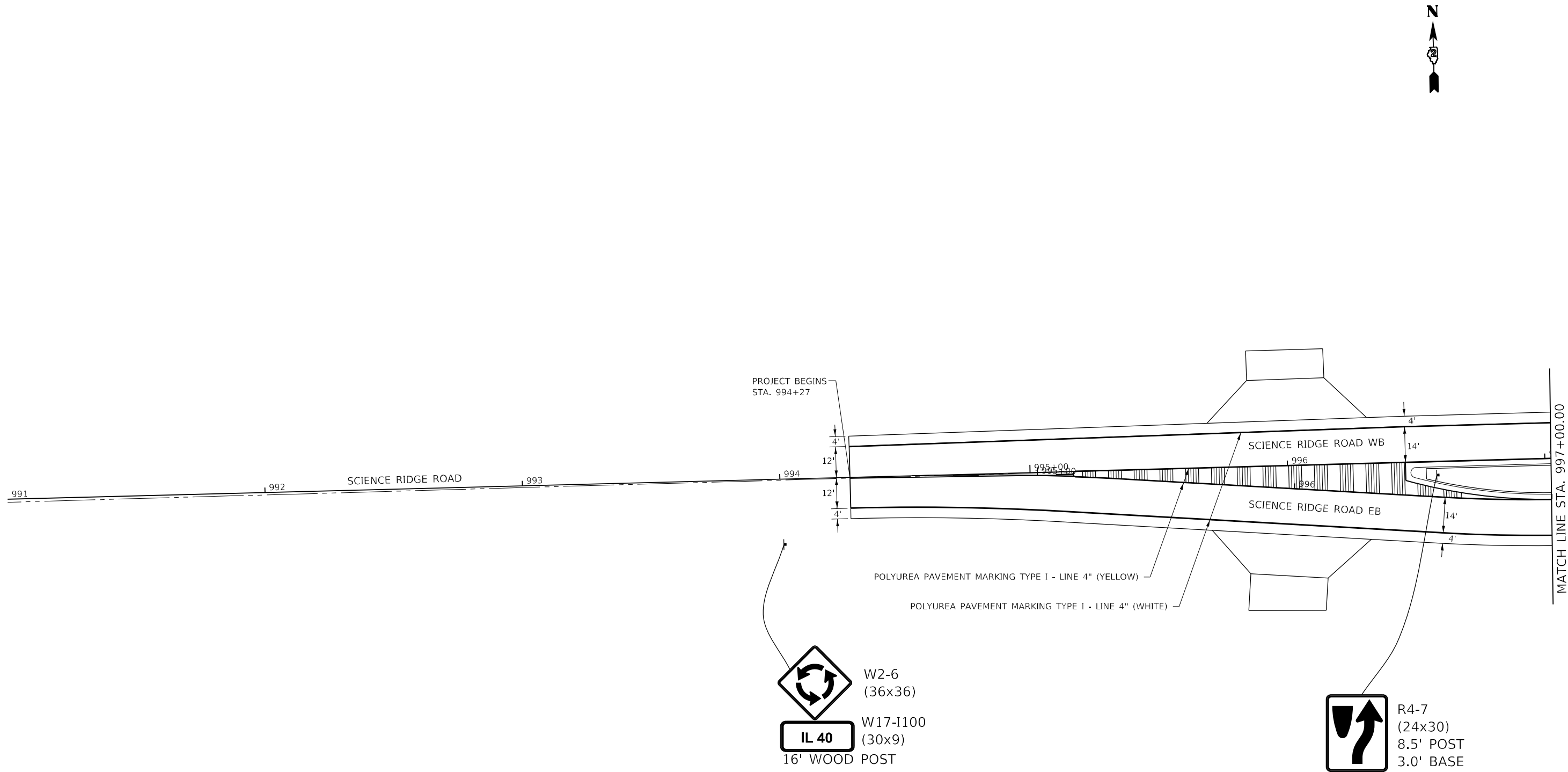
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING / SIGNING DETAILS

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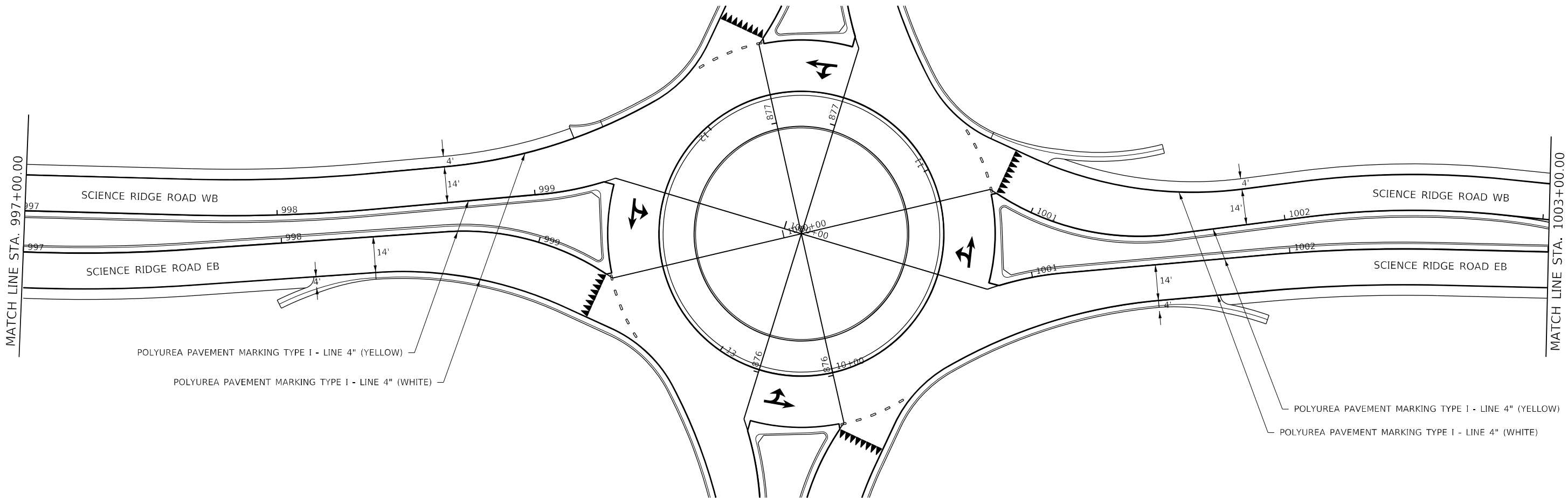
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CONTRACT NO. 64P93				
ILLINOIS FED. AID PROJECT				

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USER NAME	= Brad,Cushman	DESIGNED	-	REVISED	-
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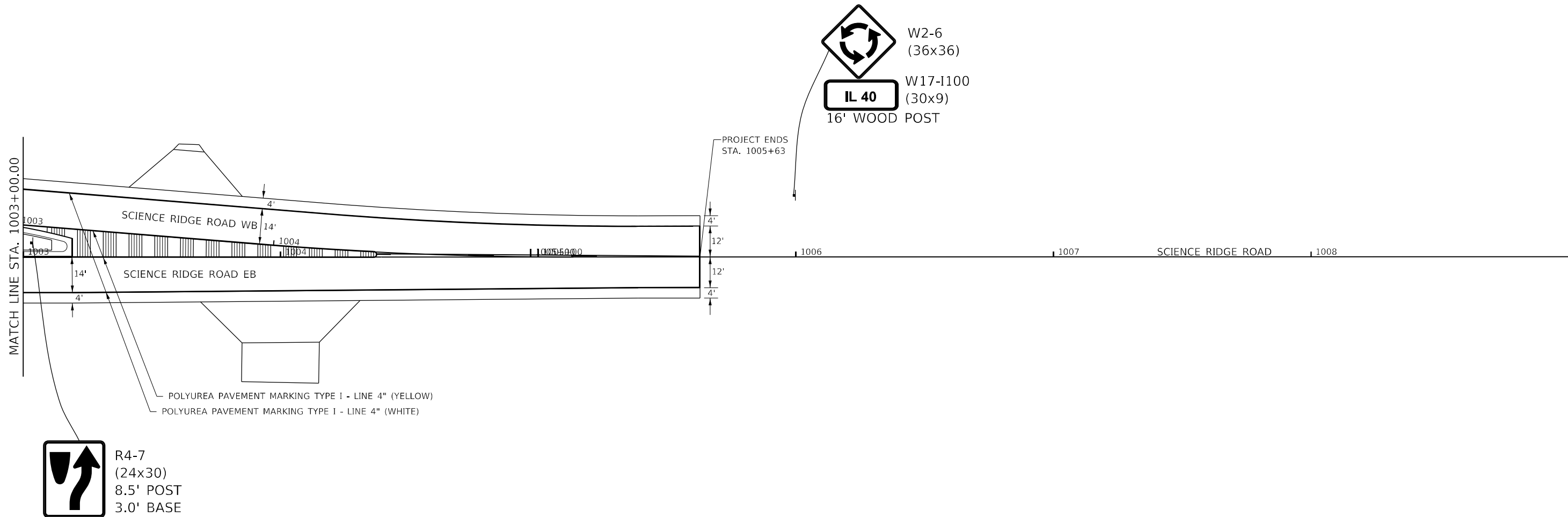
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING / SIGNING DETAILS

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 64P93				
ILLINOIS FED. AID PROJECT				

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	USER NAME = Brad,Cushman	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING /SIGNING DETAILS				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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												ILLINOIS	FED. AID PROJECT

LEGEND

-  PROPOSED LIGHT POLE, GALVANIZED STEEL, 35 FT. M.H., 12 FT. MAST ARM
LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION F
-  PROPOSED LIGHTING CONTROLLER, PEDESTAL MOUNTED, 240VOLT, 60AMP
-  PROPOSED ELECTRIC UTILITY SERVICE INSTALLATION
-  PROPOSED UNIT DUCT, 600V, 2-1/C NO. 10, 1/C NO. 10 GROUND
(XLP-TYPE USE), 3/4" DIA. POLYETHYLENE
-  PROPOSED UNIT DUCT IN UNDERGROUND CONDUIT, SIZE AND
TYPE AS NOTED

GENERAL NOTES:

1. ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST CODES, STANDARDS AND THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED JANUARY 1, 2022, AND SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS.

IDOT STANDARDS:

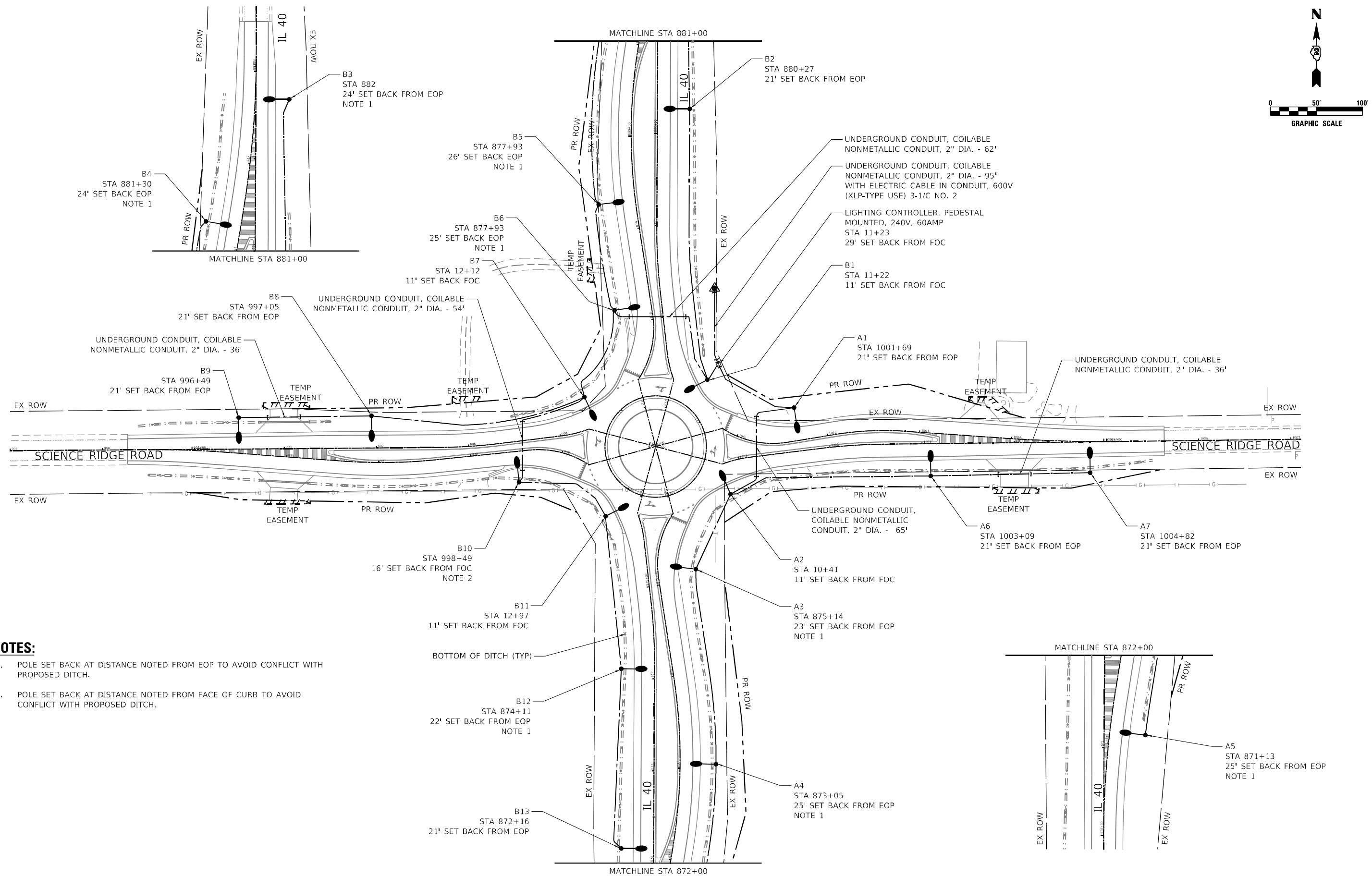
- 821101-02 LUMINAIRE WIRING IN POLE
- 825011-04 LIGHTING CONTROLLER PEDESTAL MOUNTED, 240V
- 830011-03 LIGHT POLE STEEL MAST ARM
- 836001-04 LIGHT POLE FOUNDATION
- 838001-01 BREAKAWAY DEVICES

SUMMARY OF QUANTITIES

ITEM #	DESCRIPTION	UNIT	TOTAL
80400100	ELECTRIC SERVICE INSTALLATION	EACH	1
81028750	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2" DIA.	FOOT	348
81603010	UNIT DUCT, 600V, 2-1C NO.10, 1/C NO.10 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE	FOOT	3.328
81702150	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	FOOT	405
82110006	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION F	EACH	20
82500330	LIGHTING CONTROLLER, PEDESTAL MOUNTED, 240VOLT, 60AMP	EACH	1
83060240	LIGHT POLE, GALVANIZED STEEL, 35 FT. M.H., 12 FT. MAST ARM	EACH	20
83600352	LIGHT POLE FOUNDATION, METAL, 11 1/2" BOLT CIRCLE, 8 5/8" X 6'	EACH	20
83800650	BREAKAWAY DEVICE, COUPLING WITH STAINLESS STEEL SCREEN	EACH	20

USER NAME = Electrical	DESIGNED - DTJ	REVISED -
	DRAWN - AM	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED - JMV	REVISED -
PLOT DATE = 7/6/2022	DATE - 3/7/2022	REVISED -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
40	14-12112-01-BR	WHITESIDE	114	59
CONTRACT NO.				64P93
		ILLINOIS	FED. AID PROJECT	



NOTES:

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IL 40 AT SCIENCE RIDGE ROAD ROUNDABOUT PROPOSED LIGHTING PLAN

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		ILLINOIS	FED. AID PROJECT	

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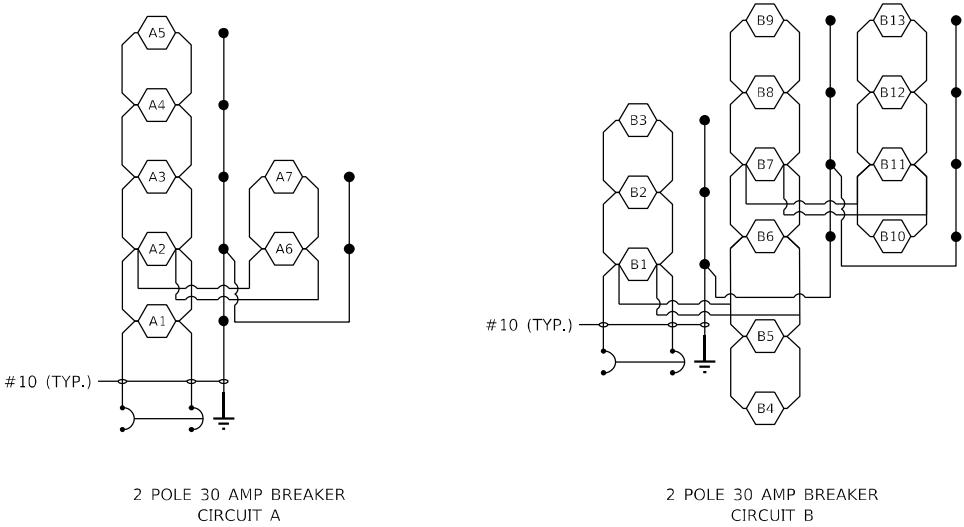
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 40 AT SCIENCE RIDGE ROAD ROUNDABOUT
LIGHTING CONTROLLER SINGLE LINE DIAGRAM

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
40	14-12112-01-BR	WHITESIDE	114	61
			CONTRACT NO.	64P93
		ILLINOIS	FED. AID PROJECT	



LIGHTING CONTROLLER
IL 40 AT SCIENCE RIDGE ROAD

LEGEND



PROPOSED LED LUMINAIRE, NUMBER INSIDE INDICATES FIXTURE NUMBER



GROUND ROD



PROPOSED CABLE (SIZE AS NOTED)



Luminaire Performance Table



Project

Date	Contract Number	Section Number	County
05/12/22	64P93	8N	Whiteside
Marked Route Number		Municipality	
IL 40 at Science Ridge Road (Roundabout)		Sterling Township	

Roadway

Lane Width	# of Lanes	Median Width	I.E.S. Surface Classification	Q-Zero Value
14	2	21 ft	R2	0.7

Structure

Mounting Height	Arm Length	Set-Back	Number of Luminaires (Highmast & Sign Lighting Only)
35 ft	12 ft	21 ft	n/a

Luminaire

Description	I.E.S. Lateral Distribution	I.E.S. Vertical Distribution	
LED, Roadway, Output Designation F	Type II	Medium	
Total Light Loss Factor (LLF)	B-U-G Rating	Shields	Dimming Protocol
0.7	B3-U0-G2	House side	n/a

Layout

Spacing (to Nearest 5 ft)	Configuration (Opposite, Staggered, 1 Sided, or Median)
205 ft	Staggered

Performance

Average Illuminance, E _{AVE} (fc)	Uniformity Ratio, E _{AVE} /E _{MIN}		
1.1	4:1		
Average Luminance, L _{AVE} (cd/m ²)	Uniformity Ratio, L _{AVE} /L _{MIN}	Uniformity Ratio, L _{MAX} /L _{MIN}	Veiling Luminance Ratio, L _V /L _{AVE}
0.4	4:1	8:1	0.4

Light Tresspass

Distance to ROW (behind pole)	Max. Horizontal Illuminance at ROW, E _H	Max. Vertical Illuminance at ROW, E _V
varies 9' to 30'	n/a	0.2

Notes

- Set-Back is from Edge of Pavement (white line) except for sign luminaires when it is vertical and horizontal distance from the sign to the luminaire.
- Lighting calculations shall be performed with all luminaires oriented toward and perpendicular to the roadway.
- Total Light Loss Factor (LLF) = the product of "Lumen Maintenance" (LLD) = 0.9, "Dirt Depreciation" (LDD) = 0.8, and "Equipment Factors" (EF) = 0.95.
- Performance requirements shall be the minimum acceptable standards of photometric performance for the luminaire, based on the given conditions listed above.

Compliance with the performance criteria shall be held to one significant digit.

Initial lumens of the proposed luminaire may vary from the values specified in teh table fiven in Articel 1067.06 of the DBE Special Provision for Luminaire, LED.

Printed 05/13/22

BDE 5630 (04/10/19)

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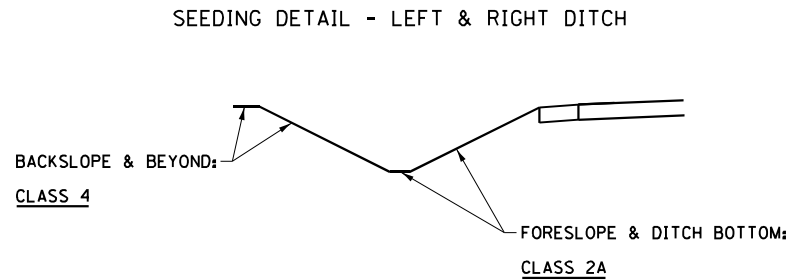
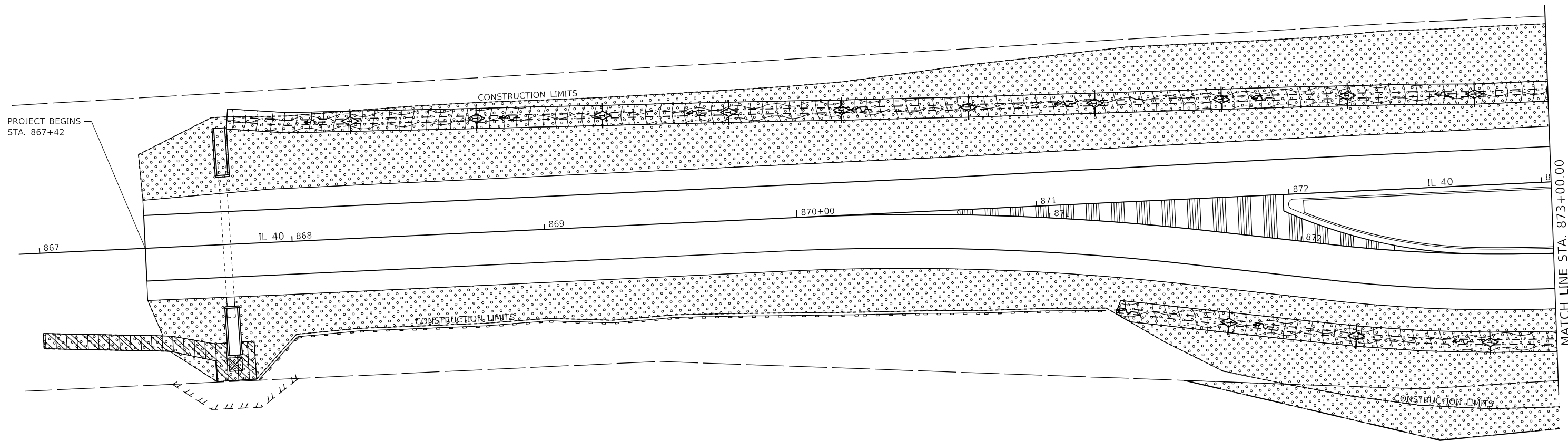
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

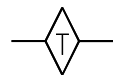
IL 40 AT SCIENCE RIDGE ROAD ROUNDABOUT
LUMINAIRE PERFORMANCE TABLE

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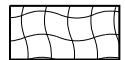
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40	14-12112-01-BR	WHITESIDE	114	62
CONTRACT NO.			64P93	
ILLINOIS		FED. AID PROJECT		



LEGEND



TEMPORARY DITCH CHECK



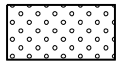
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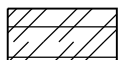
PERIMETER EROSION BARRIER



INLET AND PIPE PROTECTION



MULCH, METHOD 3



TURF REINFORCEMENT MAT

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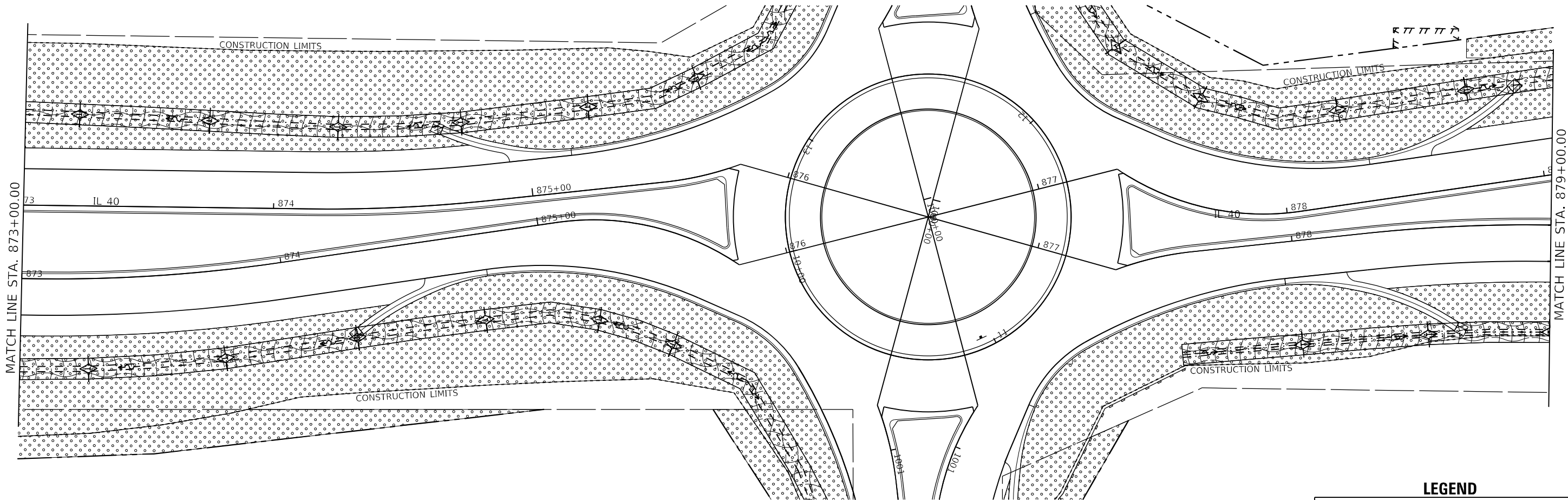
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

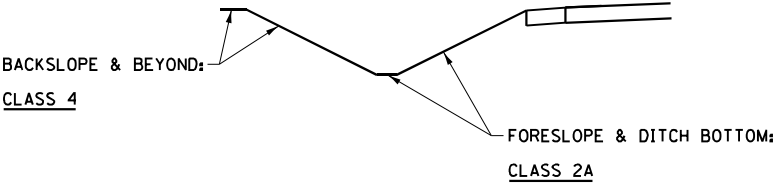
EROSION CONTROL DETAILS

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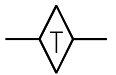
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ILLINOIS FED. AID PROJECT				



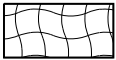
SEEDING DETAIL - LEFT & RIGHT DITCH



LEGEND



TEMPORARY DITCH CHECK



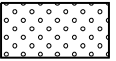
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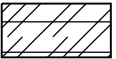
PERIMETER EROSION BARRIER



INLET AND PIPE PROTECTION



MULCH, METHOD 3



TURF REINFORCEMENT MAT

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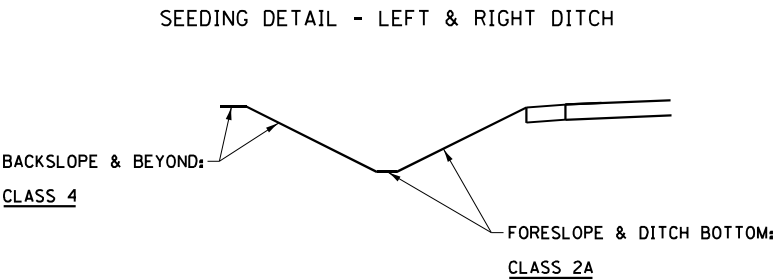
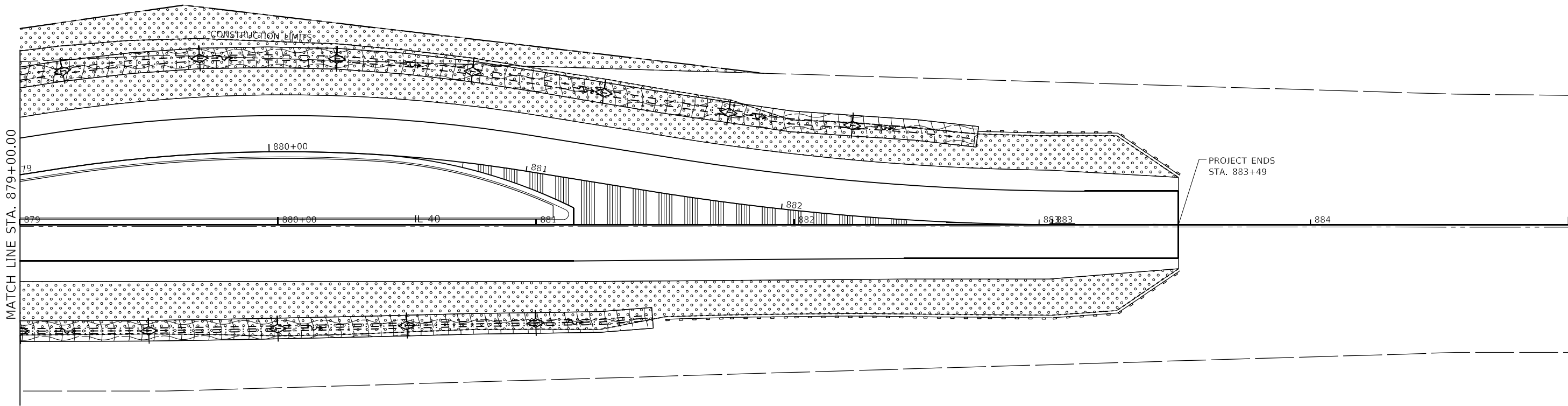
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

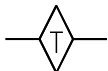
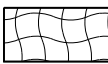


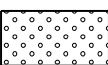

EROSION CONTROL DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	8N	WHITESIDE	114	64
CONTRACT NO. 64P93				
ILLINOIS FED. AID PROJECT				



LEGEND

-  TEMPORARY DITCH CHECK
-  EROSION CONTROL BLANKET
-  PERIMETER EROSION BARRIER
-  INLET AND PIPE PROTECTION
-  MULCH, METHOD 3
-  TURF REINFORCEMENT MAT

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	DATE -	REVISED -

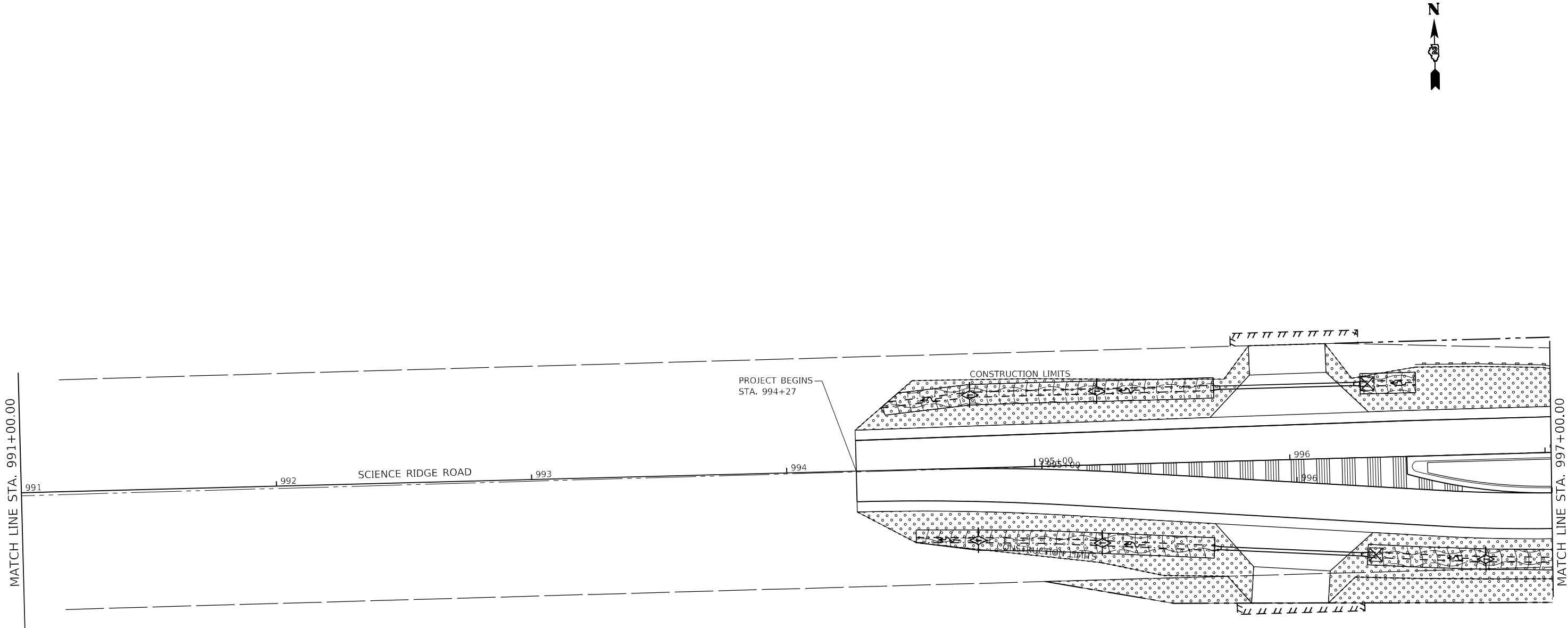
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL DETAILS

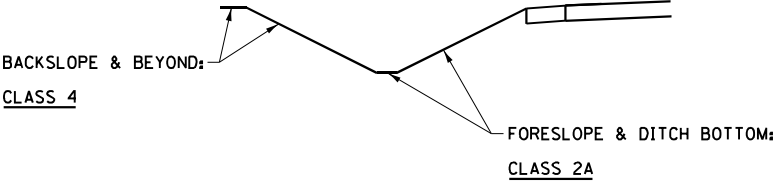
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	8N	WHITESIDE	114	65
CONTRACT NO. 64P93				
ILLINOIS FED. AID PROJECT				

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SEEDING DETAIL - LEFT & RIGHT DITCH

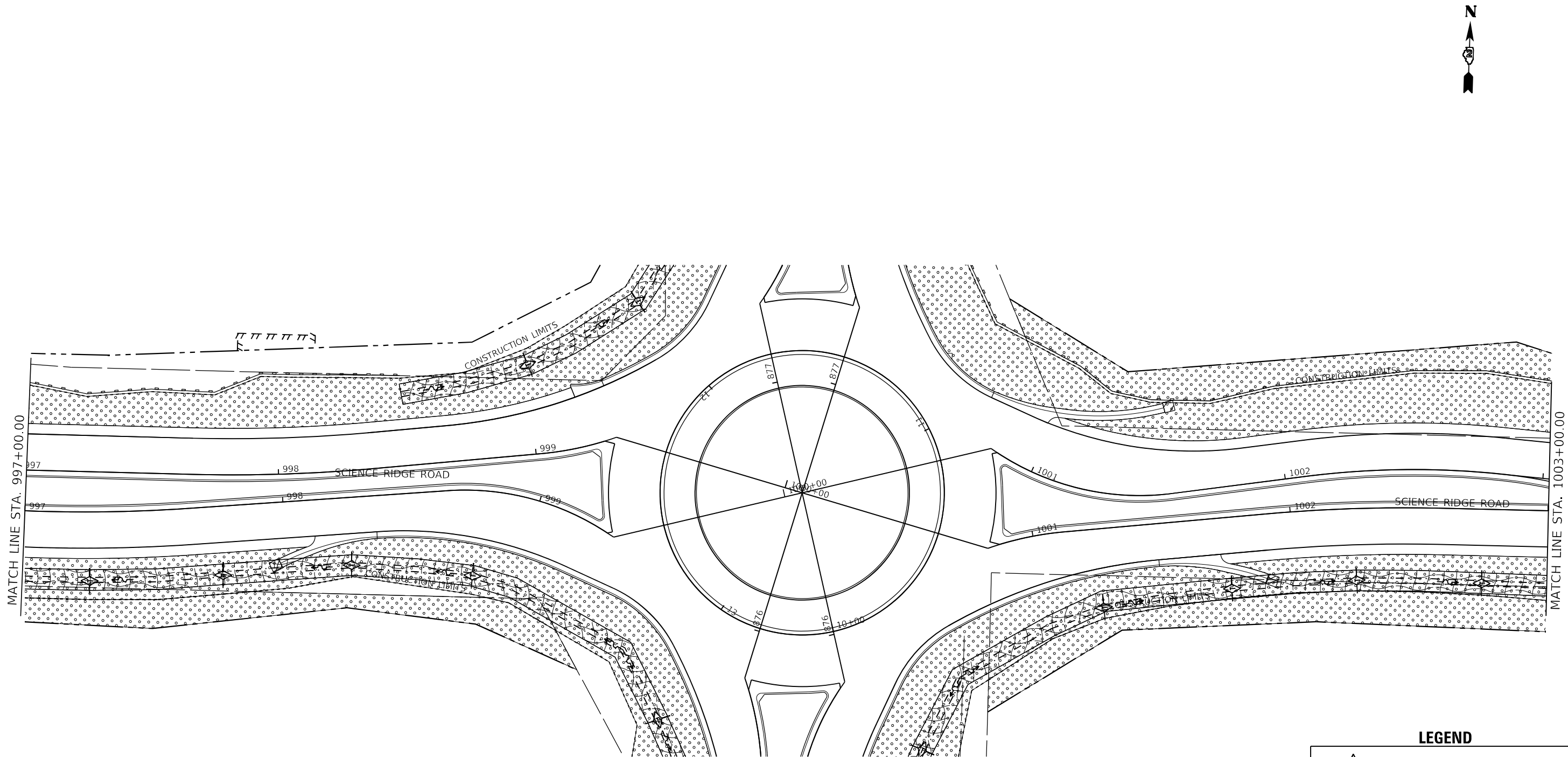


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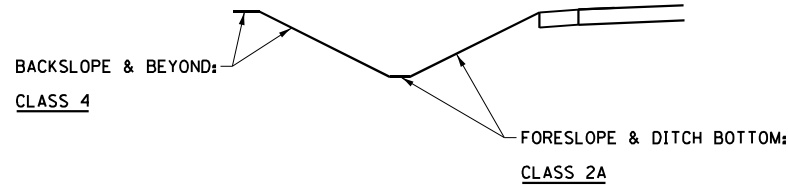
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	EROSION CONTROL BLANKET
	PERIMETER EROSION BARRIER
	INLET AND PIPE PROTECTION
	MULCH, METHOD 3
	TURF REINFORCEMENT MAT

	USER NAME = Brad,Cushman	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION CONTROL DETAILS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40,0000' / in.	DRAWN -	REVISED -					646	8N	WHITESIDE	114	66
	PLOT DATE = Nov-16-2022 07:42:16 AM	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 64P93				
		DATE -	REVISED -					ILLINOIS FED. AID PROJECT				

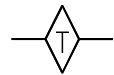
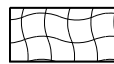
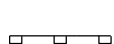


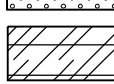
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SEEDING DETAIL - LEFT & RIGHT DITCH



LEGEND

-  TEMPORARY DITCH CHECK
-  EROSION CONTROL BLANKET
-  PERIMETER EROSION BARRIER
-  INLET AND PIPE PROTECTION
-  MULCH, METHOD 3
-  TURF REINFORCEMENT MAT

USER NAME	= Brad,Cushman	DESIGNED	-	REVISED	-
DRAWN	-	REVIS	-	REVISED	-
PLOT SCALE	= 40,0000 * / in.	CHECKED	-	REVISED	-
PLOT DATE	= Nov-16-2022 07:42:41 AM	DATE	-	REVISED	-

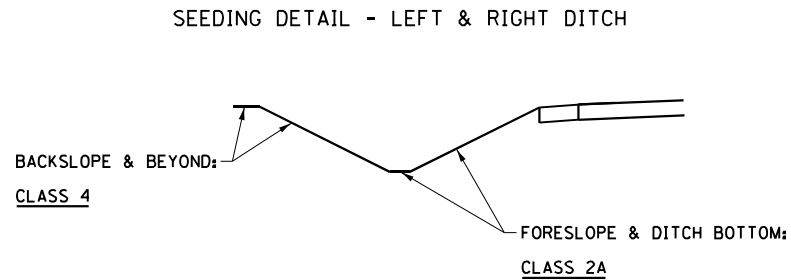
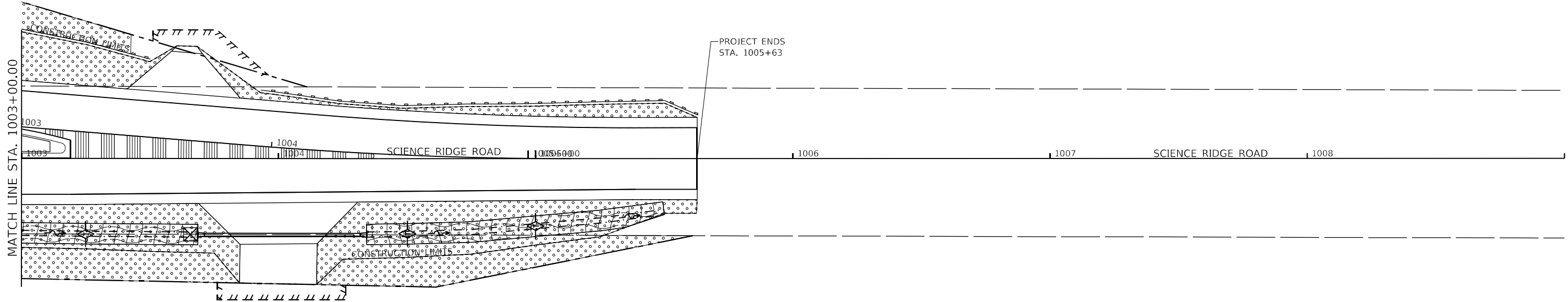
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL DETAILS

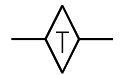
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	8N	WHITESIDE	114	67
CONTRACT NO. 64P93				
ILLINOIS FED. AID PROJECT				

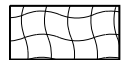
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LEGEND



TEMPORARY DITCH CHECK



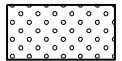
EROSION CONTROL BLANKET



PERIMETER EROSION BARRIER



INLET AND PIPE PROTECTION



MULCH, METHOD 3



TURF REINFORCEMENT MAT

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	8N	WHITESIDE	114	68
CONTRACT NO. 64P93				
ILLINOIS FED. AID PROJECT				

USER NAME = Brad.Cushman	DESIGNED -	REVISED -
PLOT SCALE = 40,000' = 1 in.	DRAWN -	REVISED -
PLOT DATE = Nov-16-2022 07:43:00 AM	CHECKED -	REVISED -
	DATE -	REVISED -

POINT	NORTHING	EASTING
AS=40007	18782910.7145	24232171.9089
AS=40008	1878749.7064	2424284.3160
AS=40009	1878559.7018	2424823.3229
AS=40013	1877549.8095	2424609.0886
AS=40017	1877250.4631	2424156.4138
AS=40018	1878050.4425	2424150.6675
AS=40019	1878350.4183	2424152.3396
AS=40025	1878496.6062	2423833.9796
AS=40032	1878306.5569	2424292.7176
AS=40033	1878156.4568	2424311.8575
AS=40034	1878056.4325	2424316.4449
AS=40035	1877956.5795	2424287.4067
AS=40036	1878382.3734	2424133.5565
AS=40037	1878398.6588	2424093.8135
AS=40038	1878403.2560	2424043.7928
AS=40039	1878392.6525	2423968.5788
AS=40040	1878396.0420	2423768.8402
AS=40041	1878405.5303	2423718.7088
AS=40042	1878497.6219	2423948.0295
AS=40043	1878507.6053	2424088.6542
AS=40044	1878534.3444	2424314.7817
AS=40045	1878582.2456	2424159.9376
AS=40046	1878757.3714	2424134.9349
AS=40047	1878862.2331	2424162.4953
AS=40048	1878531.5427	2424296.0523
AS=40049	1878504.9412	2424342.8053
AS=40050	1878521.6365	2424492.6261
AS=40052	1878485.9393	2424618.1038
AS=40053	1878429.8948	2424768.7119
AS=40054	1878408.6456	2424666.9655
AS=40055	1878410.7954	2424418.8748
AS=40056	1878404.9476	2424343.9362
AS=40057	1878371.5597	2424292.3877

GROUND DISTANCE = GRID DISTANCE DIVIDED BY
PROJECT COMBINATION FACTOR OF 0.9999329408

SCIENCE RIDGE RD.		
STATION	NORTHING	EASTING
PI 987+41.60	1878445.5001	2422960.0144
PI 995+34.18	1878450.9128	2423752.5762
POT 1000+00.00	1878454.6635	2424218.3846
POT 1000+00.00	1878453.5308	2424218.3788
PI 1004+27.98	1878458.3706	2424646.3286
PI 1013+87.73	1878470.1914	2425606.0045

FAP RTE. 646		
STATION	NORTHING	EASTING
PT 856+78.18	1876485.1501	2424208.2906
PC 911+72.73	1881979.6245	2424236.4504

(A)	S 85°32'17" W	75.17°
(B)	S 57°05'33" W	61.46°
(C)	N 00°17'58" W	53.87°
(D)	S 30°18'29" E	31.72°
(E)	N 67°42'32" W	42.93°
(F)	N 84°45'03" W	50.25°
(G)	S 81°56'38" W	75.66°
(H)	N 61°14'21" E	51.48°
(I)	N 26°51'31" E	55.90°
(J)	S 42°32'10" W	37.19°
(K)	N 00°32'09" W	27.00°
(L)	N 24°18'37" W	53.12°
(M)	S 00°32'09" E	27.00°
(N)	S 00°38'53" E	47.43°
(O)	N 00°32'09" W	30.50°

EXISTING FAP RTE. 646
CENTER LINE

876+48.27
0.60' RT.
N 1878455.2080
E 2424218.9911
SET P.K. NAIL
MON. REC. #

2,635.87'
S 00°19'00" W

90°51'10"

876+48.26
0.00' RT.

N 89°27'51" E
2,642.58'

N 89°32'19" E

FAP RTE. 646
876+47.72 =
1000+00.00
SCIENCE RIDGE RD.

FAP RTE. 646
876+46.59 =
1000+00.00
SCIENCE RIDGE RD.

876+46.60
0.60' RT.

N 89°21'07" E

EXISTING
SCIENCE RIDGE RD.
CENTER LINE

2,632.71'
S 00°19'00" W

90°51'10"

EXISTING SCIENCE RIDGE RD. CENTER LINE
EXISTING RIGHT OF WAY LINE

N 89°27'51" E SCIENCE RIDGE RD.

FND 5/8" REBAR
MON REC. #3878-93
N 1878430.4896
E 2421575.9197
P.O.C.
2042202
2042203

W. LINE OF A TRACT OF LAND DESCRIBED IN THE
WARRANTY DEED TO LINO H. CARRILLO & MARY LOUISE
CARRILLO FROM CHARLES R. BUCY & FAY BUCY
RECORDED 07/15/1968 AS DOC. NO. 333346

10' ASE45054
1004+50.00
50.00' RT.

77°59'53"
101.98'

ASE45053
1005+50.00
30.03' RT.

5 WAY LINE

I, COVENTINE FIDIS, HEREBY STATE THAT I AM A PROFESSIONAL LAND SURVEYOR OF THE STATE OF ILLINOIS; THAT THE SURVEY OF PROPOSED FAP ROUTE 646 WAS MADE BY ME OR UNDER MY DIRECT SUPERVISION; THAT THE LAND CORNER TIES AS SHOWN HEREON, ARE A TRUE AND CORRECT REPRESENTATION OF SAID SURVEY; AND THAT THE PLAT IS IN ACCORDANCE WITH THE LAND ACQUISITION POLICIES AND PROCEDURES MANUAL, OR THE DEPARTMENT'S TRUST POLICY.

COVENTINE FIDIS - ILLINOIS PROFESSIONAL
LAND SURVEYOR NO. 35-2159
MY LICENSE EXPIRES 11/30/22

AMERICAN
SURVEYING & ENGINEERING, P.C.
841 N. Galena Ave. Dixon, IL 61021
815-288-6231
ILLINOIS PROFESSIONAL DESIGN
FIRM NO. 184-003192
ASE JOB # 120083.6

NOTE: TOTAL HOLDING AREA ACCORDING TO COUNTY ASSESSMENT.

	SET MAG NAIL
	MON. REC. #
P.O.C. 2042201	N 1875820.8640
TRACT ONE	E 2424204.4306
	850+13.89
	0.56' RT

[illegible]

FIELD WORK COMPLETION DATE:

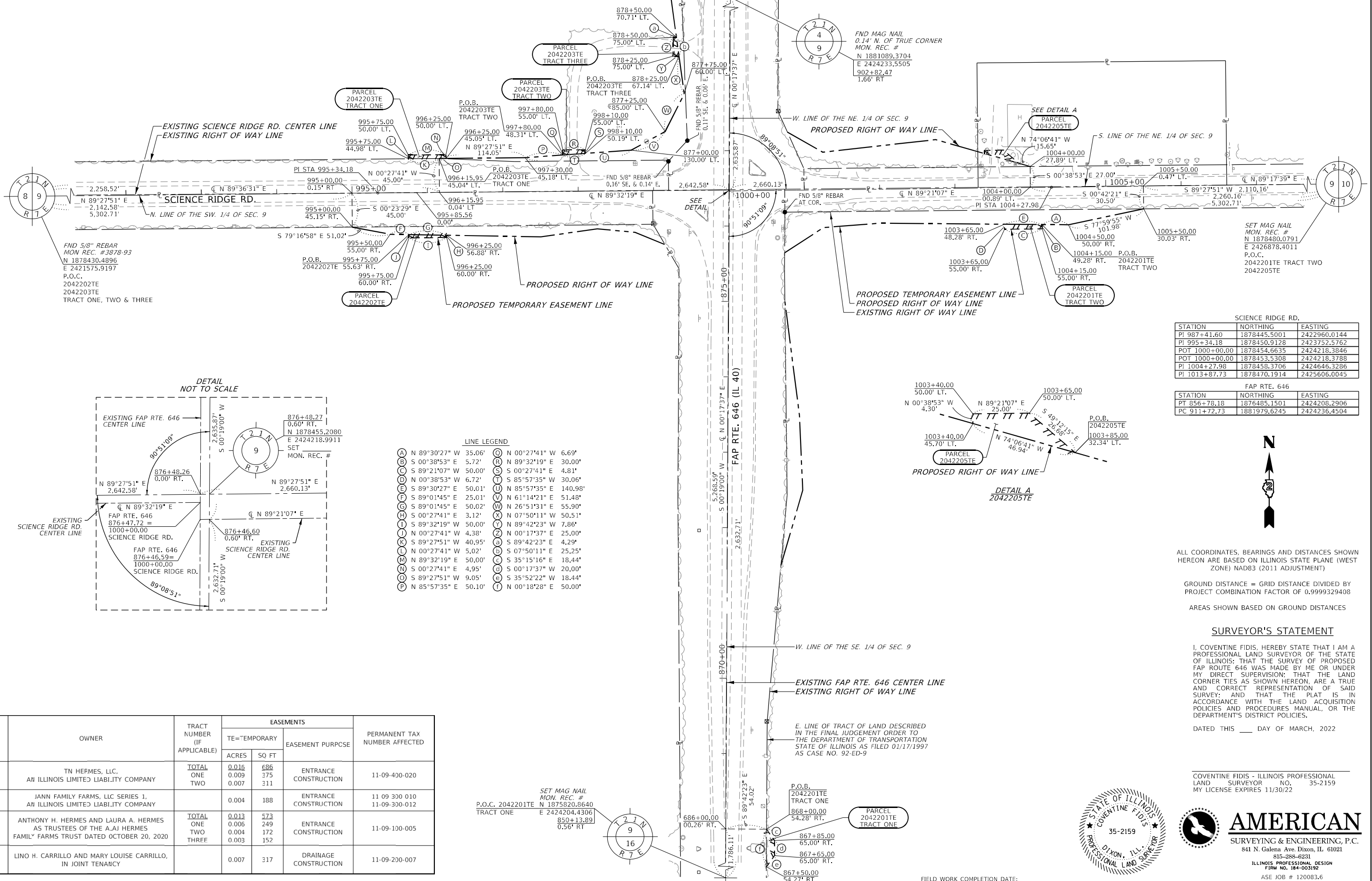
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAT

RIGHT OF WAY PLAT					F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
LAND SECTION 9			T 21 N, R 7 E OF 4TH P.M.		646	8N	WHITESIDE	114	69
JOB# R-92-004-22			DRAWER FOLDER				CONTRACT NO. 64P93		
SCALE: 1" = 60'		SHEET 1 OF 1 SHEETS		STA. 871+50 TO STA. 881+75		ILLINOIS		FED. AID PROJECT	

MODEL: \$MODELNAME\$
FILE NAME: D2-64P93-ROW1.dqn

Township 21 North, Range 7 East of the 4th P.M.



SCIENCE RIDGE RD.		
STATION	NORTHING	EASTING
PI 987+41.60	1878445.5001	2422960.0144
PI 995+34.18	1878450.9128	2423752.5762
POT 1000+00.00	1878454.6635	2424218.3846
POT 1000+00.00	1878453.5308	2424218.3788
PI 1004+27.98	1878458.3706	2424646.3286
PI 1013+87.73	1878470.1914	2425606.0045

FAP RTE. 646		
STATION	NORTHING	EASTING
PT 856+78.18	1876485.1501	2424208.2906
PC 911+72.73	1881979.6245	2424236.4504

ALL COORDINATES, BEARINGS AND DISTANCES SHOWN HEREON ARE BASED ON ILLINOIS STATE PLANE (WEST ZONE) NAD83 (2011 ADJUSTMENT)

GROUND DISTANCE = GRID DISTANCE DIVIDED BY PROJECT COMBINATION FACTOR OF 0.9999329408

AREAS SHOWN BASED ON GROUND DISTANCES

SURVEYOR'S STATEMENT

I, COVENTINE FIDIS, HEREBY STATE THAT I AM A PROFESSIONAL LAND SURVEYOR OF THE STATE OF ILLINOIS; THAT THE SURVEY OF PROPOSED FAP ROUTE 646 WAS MADE BY ME OR UNDER MY DIRECT SUPERVISION; THAT THE LAND CORNER TIES AS SHOWN HEREON, ARE A TRUE AND CORRECT REPRESENTATION OF SAID SURVEY; AND THAT THE PLAT IS IN ACCORDANCE WITH THE LAND ACQUISITION POLICIES AND PROCEDURES MANUAL, OR THE DEPARTMENT'S DISTRICT POLICIES.

DATED THIS ____ DAY OF MARCH, 2022

COVENTINE FIDIS - ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2159
MY LICENSE EXPIRES 11/30/22



AMERICAN
SURVEYING & ENGINEERING, P.C.
841 N. Galena Ave. Dixon, IL 61021
815-288-8231
ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-003192
ASE JOB # 120083.6

PARCEL NO.	OWNER	TRACT NUMBER (IF APPLICABLE)	EASEMENTS		PERMANENT TAX NUMBER AFFECTED	
			TE=TEMPORARY	EASEMENT PURPOSE		
			ACRES			SQ FT
2042201TE	TN HERMES, LLC, AN ILLINOIS LIMITED LIABILITY COMPANY	TOTAL ONE TWO	0.016 0.009 0.007	686 375 311	ENTRANCE CONSTRUCTION	11-09-400-020
2042202TE	JANN FAMILY FARMS, LLC SERIES 1, AN ILLINOIS LIMITED LIABILITY COMPANY		0.004	188	ENTRANCE CONSTRUCTION	11 09 300 010 11-09-300-012
2042203TE	ANTHONY H. HERMES AND LAURA A. HERMES AS TRUSTEES OF THE A.AJ HERMES FAMILY FARMS TRUST DATED OCTOBER 20, 2020	TOTAL ONE TWO THREE	0.013 0.006 0.004 0.003	573 249 172 152	ENTRANCE CONSTRUCTION	11-09-100-005
2042205TE	LINO H. CARRILLO AND MARY LOUISE CARRILLO, IN JOINT TENANCY		0.007	317	DRAINAGE CONSTRUCTION	11-09-200-007

SET MAG NAIL MON. REC. #
P.O.C. 2042201TE N 1875820.8640
TRACT ONE E 2424204.4306
850+13.89
0.56' RT

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIELD WORK COMPLETION DATE:

TEMPORARY EASEMENT PLAT

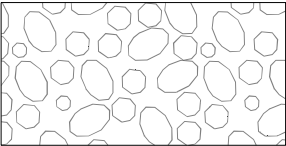
LAND SECTION 9	T 21N, R 7E OF 4TH P.M.	F.A.P. RTE. 646	SECTION 8N	COUNTY WHITESIDE	TOTAL SHEETS 114	SHEET NO. 70
JOB# R-92-004-22	DRAWER FOLDER			CONTRACT NO. 64P93		
SCALE: 1" = 60'	SHEET E1 (1 OF 1 SHEETS)	STA. 867+50 TO STA. 878+50		ILLINOIS FED. AID PROJECT		

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PAY ITEM	DESCRIPTION	UNIT	QTY
K1001980	RIVER ROCK, 6"	SQ YD	585

LEGEND



RIVER ROCK 6"

- LANDSCAPE NOTES:
- 1. IDOT STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES CONSTRUCTION, ADOPTED JANUARY 1, 2022 SHALL BE USED FOR THE INSTALLATION OF LANDSCAPE MATERIALS.
 - 8. RIVER ROCK, 6". SEE SPECIFICATION PAY ITEM K1001980.



SCALE IN FEET

MODEL: IDOT 34X22 PLAN
FILE NAME: I:\work\pww\denise\com-pw\IDOT\Documents\IDOT Offices\District 2\Projects\64P93\Program Development\Studies & Plans\Design\Design\Hermann\MEG Landscaping\Addendum Landscaping Plans\64P93 Landscape Model.dgn



401 E. STATE ST. 4th Floor
ROCKFORD, IL
61104

PH: 815.965.6400
www.imegcorp.com

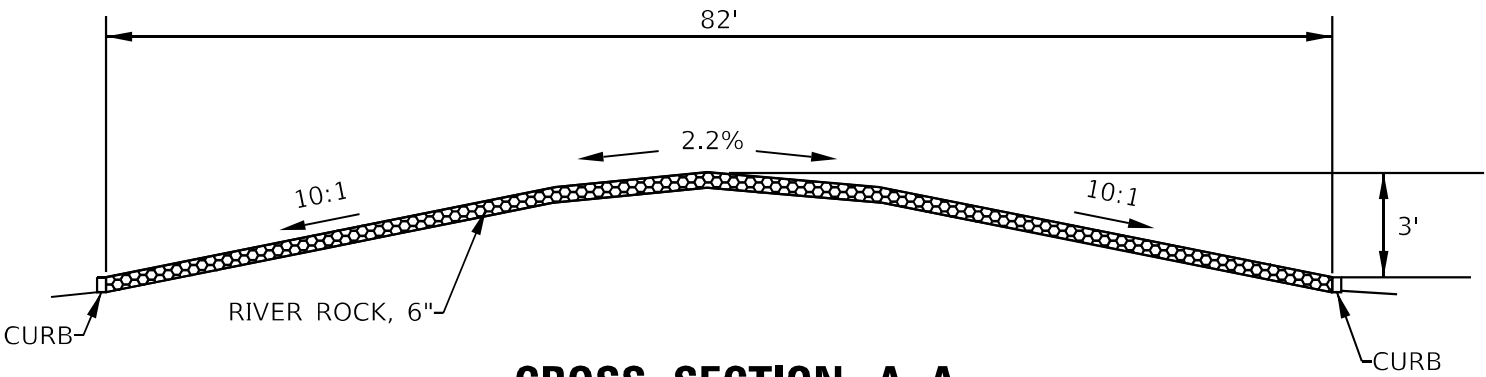
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	DRAWN -	REVISED -
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PLOT DATE = Dec-27-2022 01:50:04 PM	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 40
ROUNDBOUT LANDSCAPE PLAN

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	8N	WHITESIDE	114	71
CONTRACT NO. 64P93				
		ILLINOIS	FED. AID PROJECT	



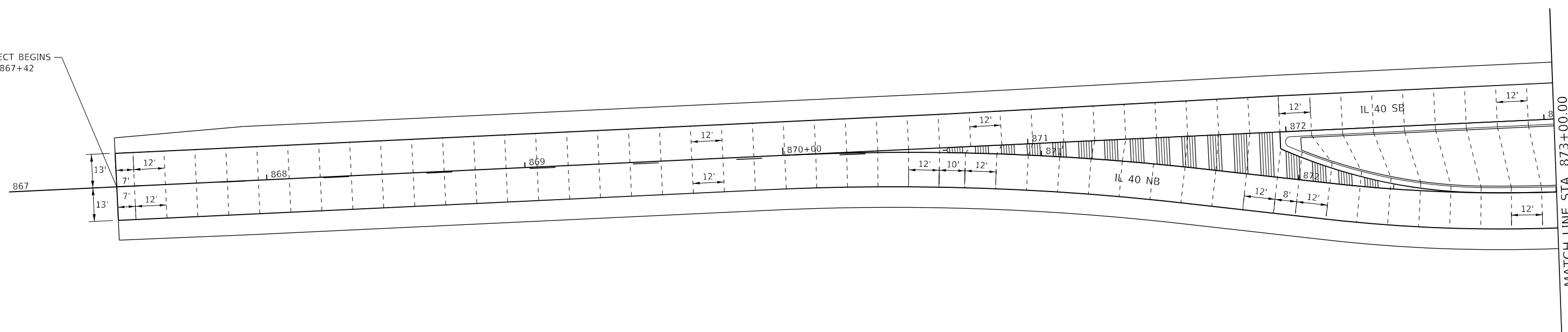
CROSS SECTION A-A
NOT TO SCALE

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<div><div></div><div><div>401 E. STATE ST. 4th Floor ROCKFORD, IL 61104</div><div>PH: 815.965.6400 www.imegcorp.com</div></div></div>	USER NAME	= Brad,Cushman	DESIGNED	-	REVISED	-	<div><div>STATE OF ILLINOIS</div><div>DEPARTMENT OF TRANSPORTATION</div></div>	IL ROUTE 40 ROUNDAABOUT LANDSCAPE PLAN				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			DRAWN	-	REVISED	-		646	8N	WHITESIDE	114	72				
	PLOT SCALE	= 0.167 / in.	CHECKED	-	REVISED	-		CONTRACT NO. 64P93								
	PLOT DATE	= Dec-27-2022 01:50:57 PM	DATE	-	REVISED	-		ILLINOIS FED. AID PROJECT								
	SCALE: NTS							SHEET OF SHEETS			STA. TO STA.					



PROJECT BEGINS
STA. 867+42



USER NAME = Bradi,Cushman	DESIGNED - _____	REVISED - _____
	DRAWN - _____	REVISED - _____
PLOT SCALE = 40,0000 ' / in.	CHECKED - _____	REVISED - _____
PLOT DATE = Nov-14-2022 02:39:42 PM	DATE = _____	REVISED - _____

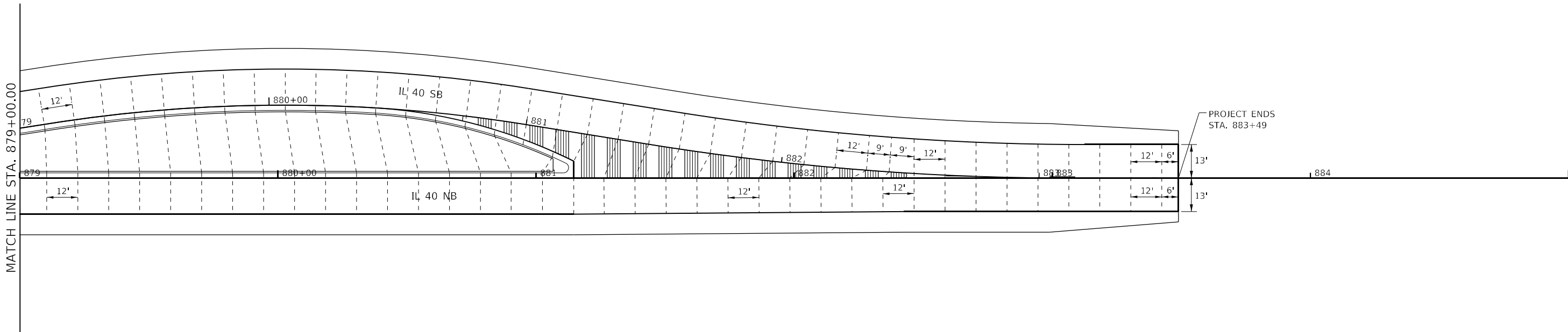
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 40 JOINTING DETAILS

SCALE: _____	SHEET _____ OF _____ SHEETS	STA. _____ TO STA. _____	
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	8N	WHITESIDE	114	73
		CONTRACT NO. 64P93		
ILLINOIS		FED. AID PROJECT		

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USER NAME = Brad.Cushman	DESIGNED - _____	REVISED - _____
DRAWN - _____	REVISED - _____	
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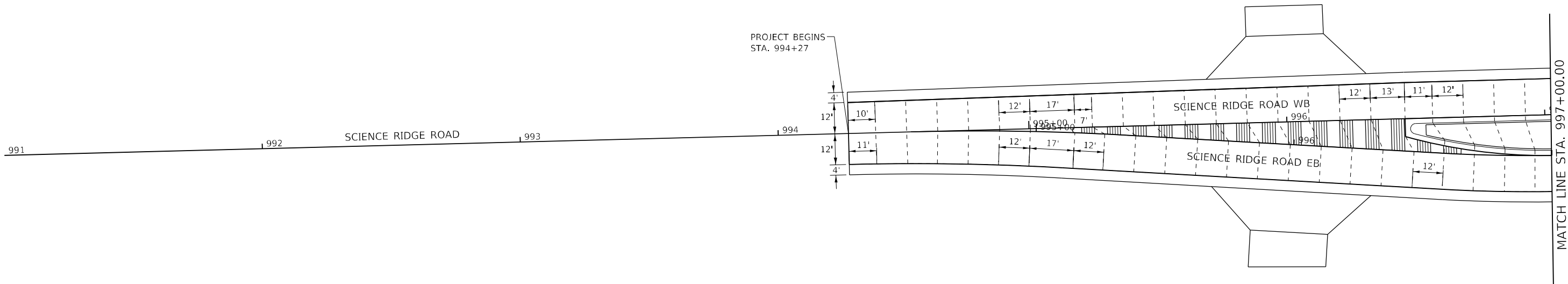
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 40 JOINTING DETAILS

SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____

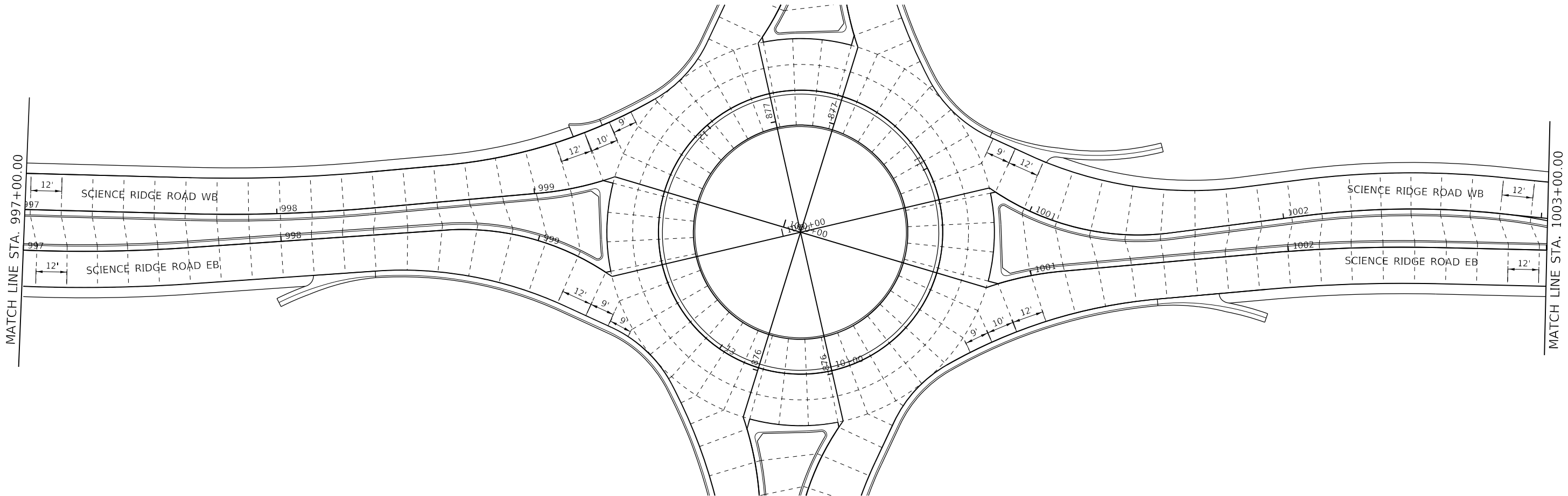
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	8N	WHITESIDE	114	75
CONTRACT NO. 64P93				
ILLINOIS FED. AID PROJECT				

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	USER NAME = Brad,Cushman	DESIGNED - _____	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCIENCE RIDGE JOINTING DETAILS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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								ILLINOIS FED. AID PROJECT				

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USER NAME = Brad.Cushman	DESIGNED - _____	REVISED - _____
DRAWN - _____	REVISED - _____	
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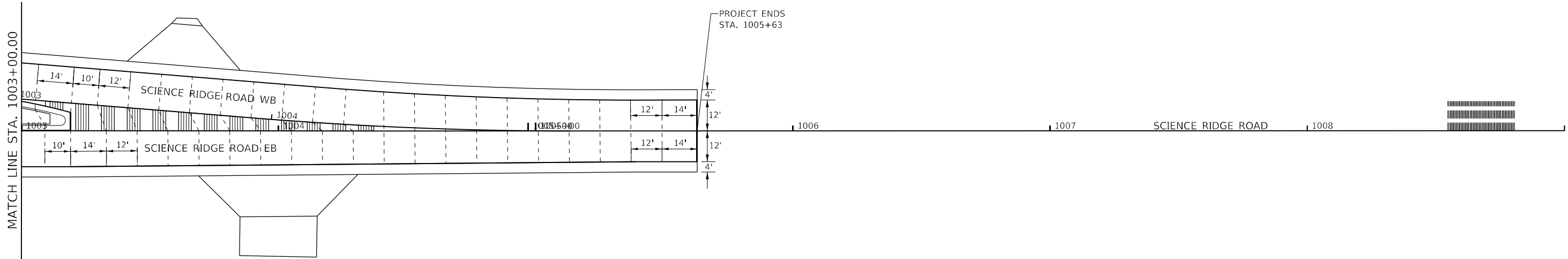
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCIENCE RIDGE JOINTING DETAILS

SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	8N	WHITESIDE	114	77
CONTRACT NO. 64P93				
ILLINOIS FED. AID PROJECT				

MODEL: Default
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USER NAME = Brad,Cushman	DESIGNED - _____	REVISED - _____
DRAWN - _____	REVISED - _____	
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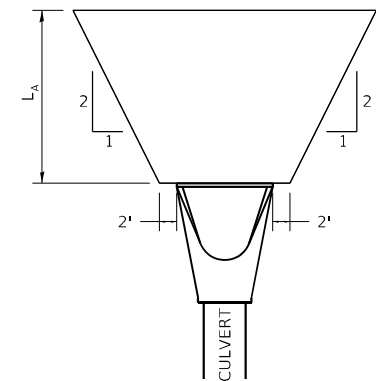
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCIENCE RIDGE JOINTING DETAILS

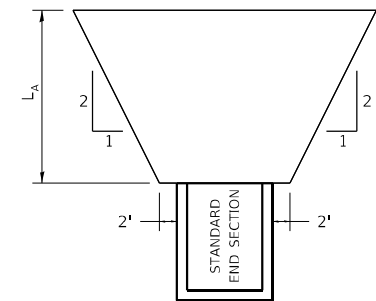
SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	8N	WHITESIDE	114	78
CONTRACT NO. 64P93				
		ILLINOIS	FED. AID PROJECT	

RIPRAP AT END SECTIONS



FLARED END SECTION



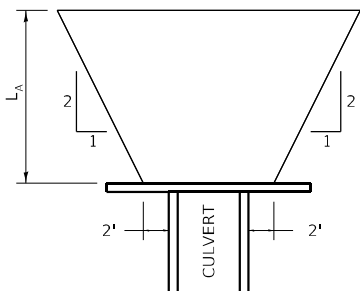
STANDARD END SECTION

REVISED - 7-13-16
REVISED - 11-12-14
REVISED - 2-10-14

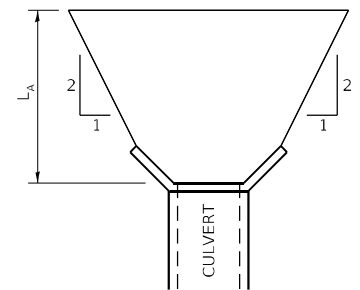
L_A = APRON LENGTH (ft)

IF THE CULVERT OUTLETS INTO A DEFINED CHANNEL, RIPRAP BANK TO BANK FOR LENGTH (L_A).

STANDARD END SECTION:
542001 (PIPE), 542011 (ELLIPTICAL)
DISTRICT STANDARD 10.1 (BOX).



CULVERT WITH HEADWALL

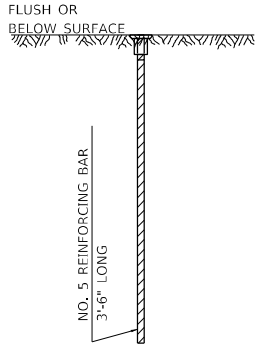


CULVERT WITH WING WALLS

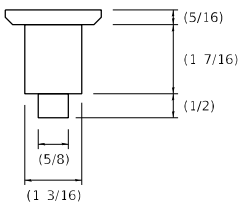
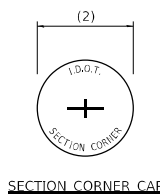
RIPRAP AT END SECTIONS 19.4

LAND SECTION & REFERENCE MARKERS

REFERENCE MARKER & LAND SECTION MARKER

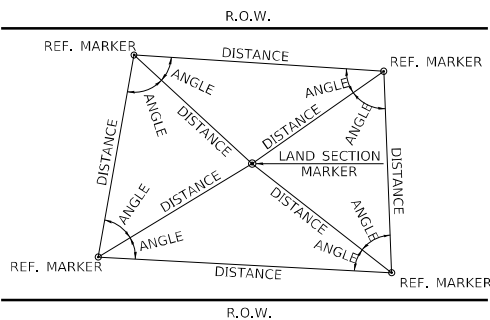


SECTION



CAP DETAIL

METHOD OF REFERENCING MARKERS

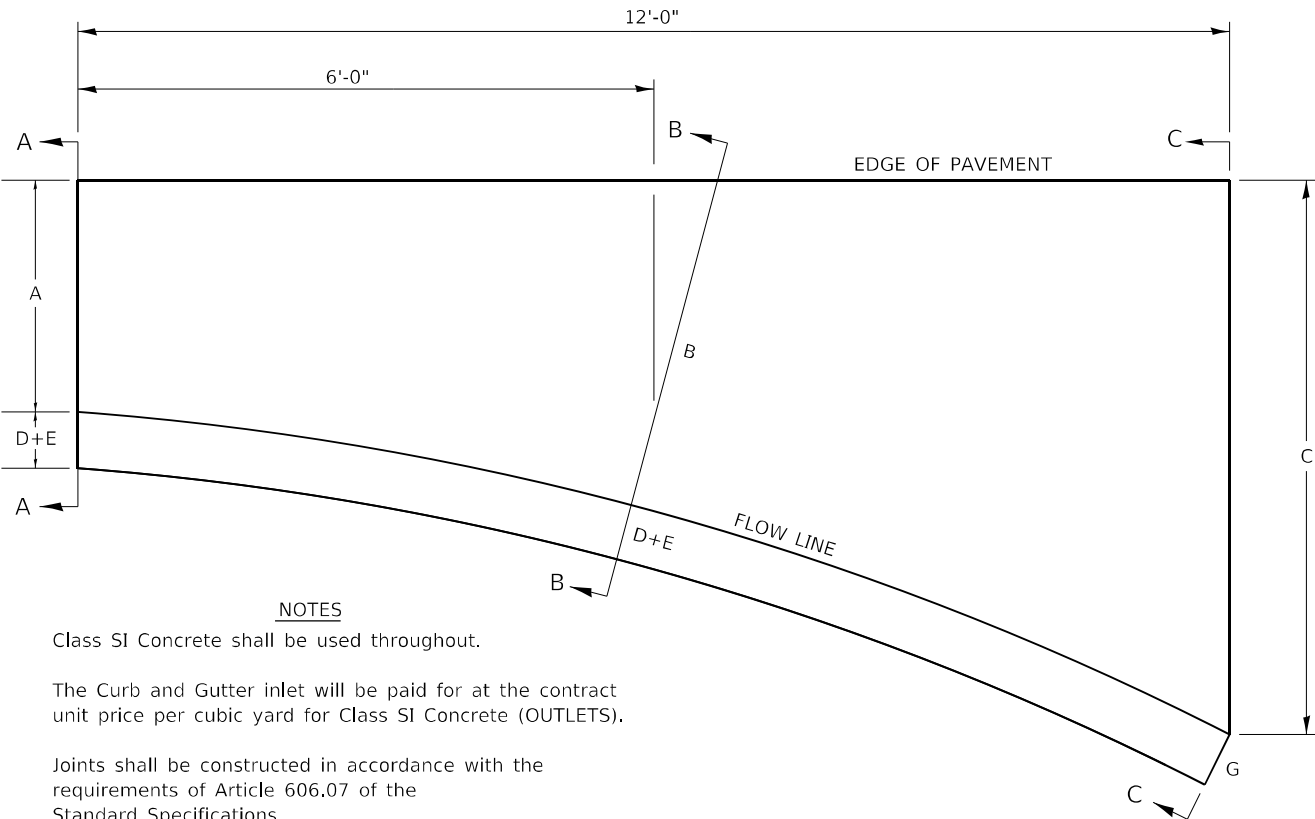


- USE INSTRUMENT TIES TO NEARBY LAND-MARKS (STEEPLES, TOWERS, SILOS, ETC...)
- IN CULTIVATED FIELDS, SET 28" OR MORE BELOW GROUND SURFACE.
- IN FENCE LINE OR PROTECTED AREA SET TOP AT GROUND LEVEL SO AS NOT TO BE DISTURBED BY MOWING.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

LAND SECTION & REFERENCE MARKERS 63.4

STANDARD INLET FOR CURB & GUTTER



NOTES

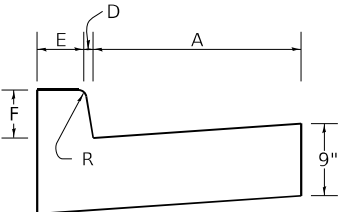
Class SI Concrete shall be used throughout.

The Curb and Gutter inlet will be paid for at the contract unit price per cubic yard for Class SI Concrete (OUTLETS).

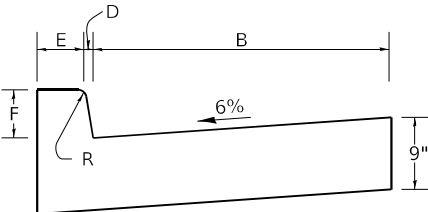
Joints shall be constructed in accordance with the requirements of Article 606.07 of the Standard Specifications.

When curb and gutter is constructed adjacent to flexible pavement, a 1" expansion joint shall be installed at construction joints.

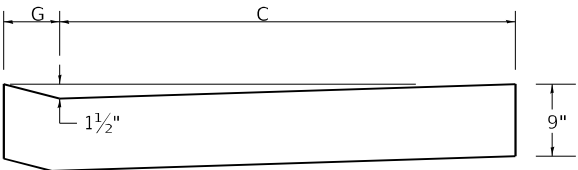
All dimensions are in inches unless otherwise noted.



SECTION A-A



SECTION B-B



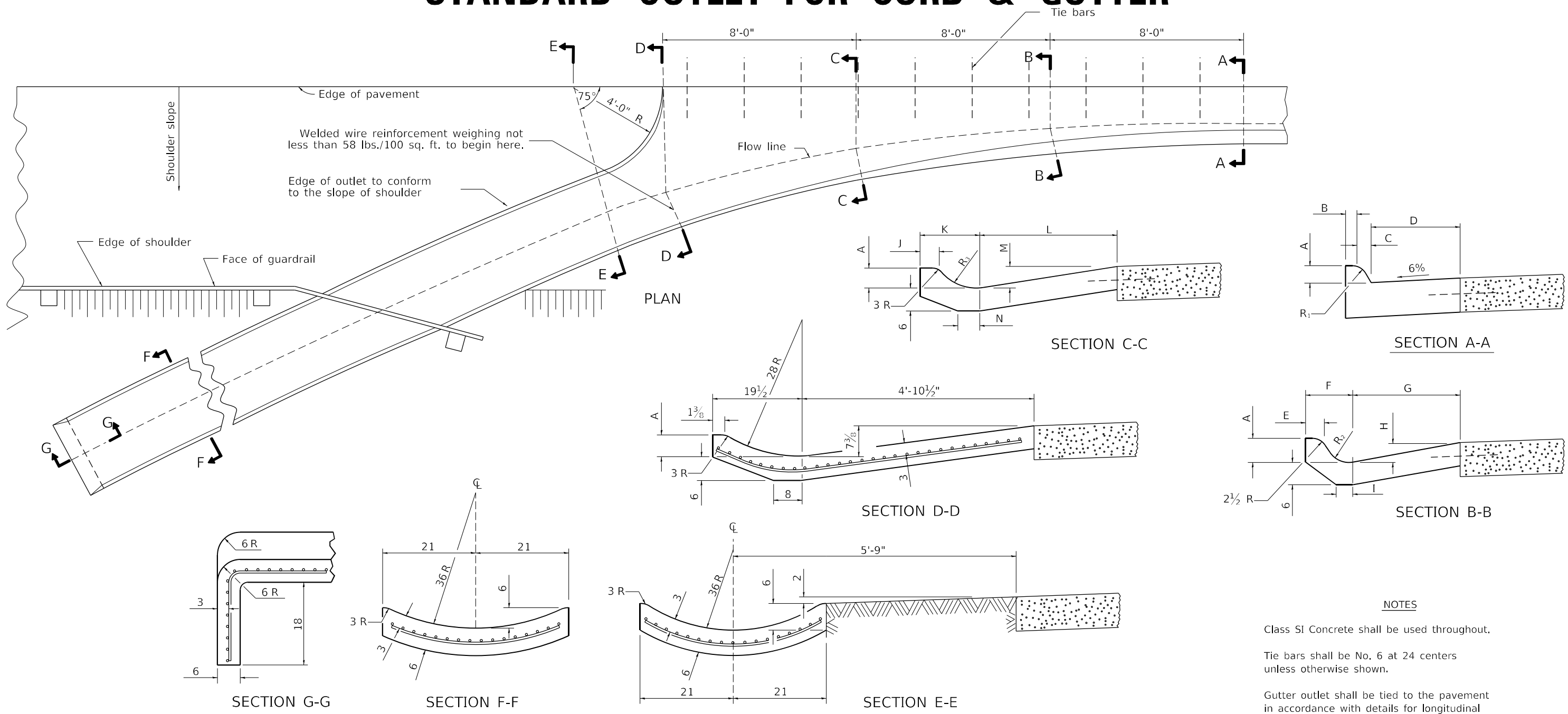
SECTION C-C

TYPE OF CURB & GUTTER	TABLE OF DIMENSIONS								CONCRETE QUANTITY A-A TO C-C (CU YDS)
	A	B	C	D	E	F	G	R	
B-6.06	6	15	4'	1	6	6	7	1	0.87
B-6.12	12	18.25	4'	1	6	6	7	1	0.95
B-6.18	18	27.25	4' 9"	1	6	6	7	1	1.18
B-6.24	24	32.4	4' 9"	1	6	6	7	1	1.30
M-4.06	6	17.8	3' 9"	4	3	4	7	3	0.75
M-4.12	12	18.25	4'	4	3	4	7	3	0.91
M-4.18	18	27.25	4' 9"	4	3	4	7	3	1.14
M-4.24	24	32.4	4' 9"	4	3	4	7	3	1.25
M-6.06	6	17.8	3' 9"	6	2	6	8	3	0.86
M-6.12	12	18.25	4'	6	2	6	8	2	0.96
M-6.18	18	27.25	4' 9"	6	2	6	8	2	1.20
M-6.24	24	32.4	4' 9"	6	2	6	8	2	1.30

REVISED - 11-12-14	REGION 2 / DISTRICT 2 STANDARD				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED - 8-27-13					646	8N	WHITESIDE	114	79
REVISED - 10-10-06					CONTRACT NO. 64P93				
REVISED -	SCALE: 100,000 ' / 1" SHEET OF SHEETS STA. TO STA.				ILLINOIS FED. AID PROJECT				

STANDARD INLET FOR CURB & GUTTER 21.2

STANDARD OUTLET FOR CURB & GUTTER



NOTES

Class SI Concrete shall be used throughout.

Tie bars shall be No. 6 at 24 centers unless otherwise shown.

Gutter outlet shall be tied to the pavement in accordance with details for longitudinal construction joint shown on Standard 420001.

If the average grade of pavement for the distance from Section A-A to D-D exceeds 2%, this distance shall be increased 6' for each 1% increase in grade.

When curb and gutter is constructed adjacent to flexible pavement, a 1 expansion joint shall be installed at construction joints.

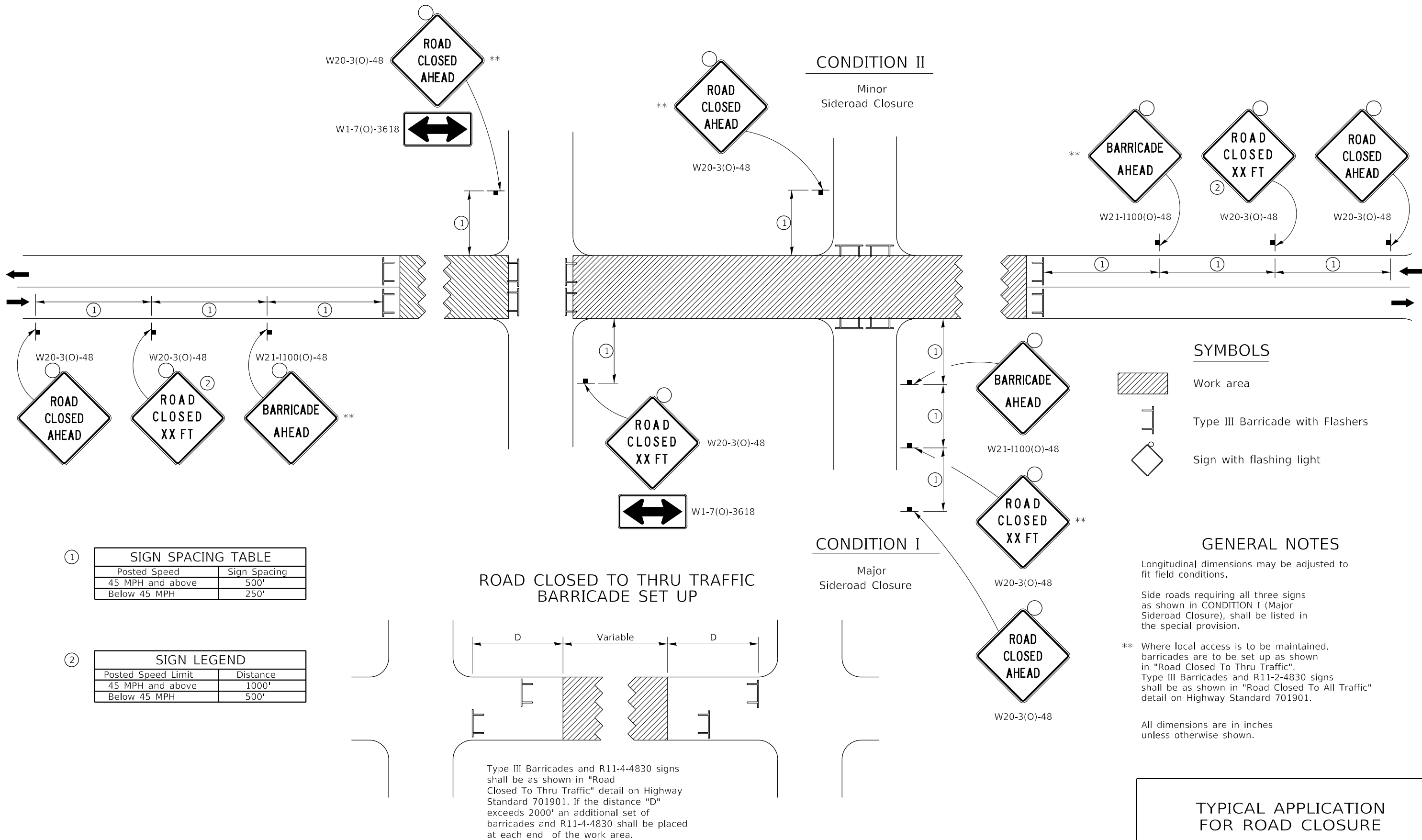
All dimensions are in inches unless otherwise shown.

QUANTITY

For Section F-F =
0.069 cu. yds.
concrete per ft.

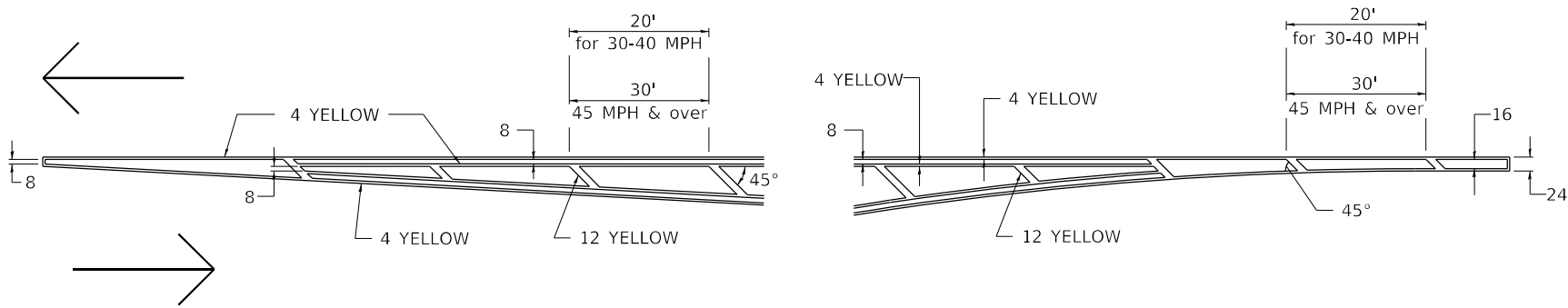
TYPE OF CURB & GUTTER	TABLE OF DIMENSIONS																	CONCRETE QUANTITY A-A TO E-E AND CURTAIN WALL FOR 9 PAV'T (CU YDS)	CONCRETE QUANTITY A-A TO E-E AND CURTAIN WALL FOR 10 PAV'T (CU YDS)
	A	SECTION A-A			SECTION B-B					SECTION C-C					R ₁	R ₂	R ₃		
		B	C	D	E	F	G	H	I	J	K	L	M	N					
B-6.12	6	6	1	12	3	7 ⁷ / ₈	13 ³ / ₄	2 ³ / ₄	4	3	12 ⁷ / ₈	26 ¹ / ₂	5	6	1	2	8	1.87	1.89
B-6.18	6	6	1	18	3 ³ / ₄	9 ¹ / ₄	22	3	5	3 ¹ / ₂	14 ¹ / ₄	28 ³ / ₄	5 ⁵ / ₈	5 ¹ / ₂	1	4	10	2.18	2.20
M-4.06	4	3	4	6	3	9 ¹ / ₂	10 ¹ / ₂	2	4	3	13	25	3	6	3	5	11	1.78	1.79
M-4.12	4	3	4	12	3 ³ / ₈	9 ³ / ₄	13 ³ / ₄	2 ³ / ₄	6	3	13 ¹ / ₂	26 ¹ / ₂	5	6	3	5	9	1.89	1.91
M-4.18	4	3	4	18	3 ¹ / ₂	9 ¹ / ₄	22	3	5	3 ¹ / ₂	14 ¹ / ₄	28 ³ / ₄	5 ⁵ / ₈	5 ¹ / ₂	3	4	10	2.11	2.13
M-4.24	4	3	4	24	5	11 ¹ / ₂	26	3 ³ / ₈	4	3 ³ / ₄	15	38	5 ³ / ₈	5	3	6	12	2.34	2.37
M-6.06	6	2	6	6	2 ¹ / ₄	9 ³ / ₄	10 ¹ / ₂	2	4	2 ¹ / ₂	13	25	3	6	2	5	10	1.84	1.86
M-6.12	6	2	6	12	3 ¹ / ₂	8 ¹ / ₈	13 ³ / ₄	2 ³ / ₄	6	3	13 ¹ / ₂	26 ¹ / ₂	5	6	2	2	9	1.96	1.98
M-6.18	6	2	6	18	3 ¹ / ₂	9 ¹ / ₈	22	3	5	3 ¹ / ₂	14 ¹ / ₄	28 ³ / ₄	5 ⁵ / ₈	5 ¹ / ₂	2	4	10	2.18	2.20
M-6.24	6	2	6	24	5 ⁷ / ₈	11	26	3 ³ / ₈	4	3 ³ / ₄	17 ³ / ₄	38	5 ⁵ / ₈	5	2	3 ¹ / ₄	16	2.46	2.49

TRAFFIC CONTROL FOR ROAD CLOSURE

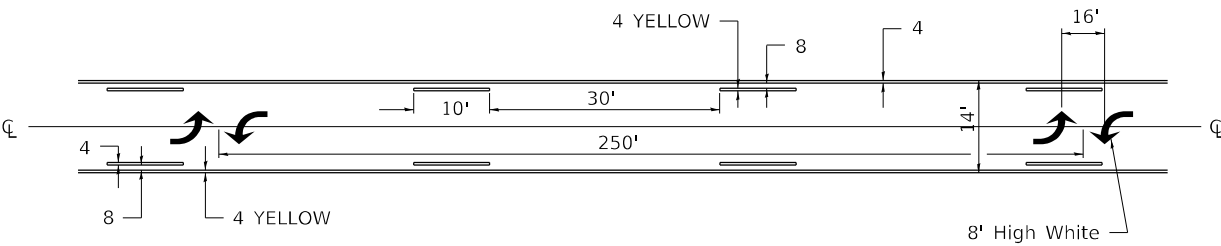


TYPICAL PAVEMENT MARKINGS

TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN
AT LEFT TURN LANE

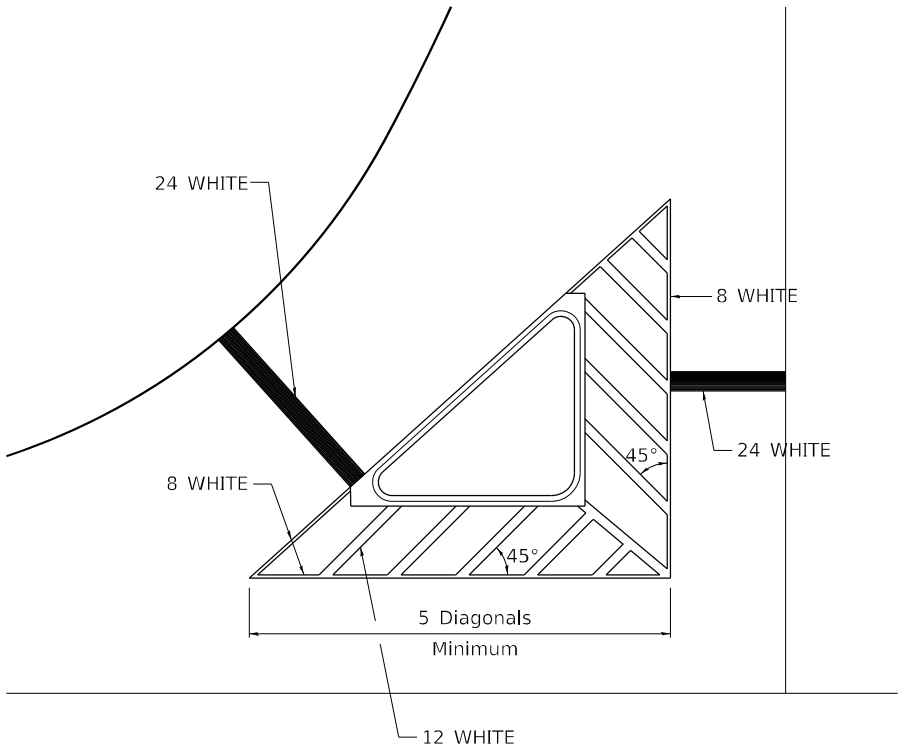


MEDIAN PAVEMENT MARKING



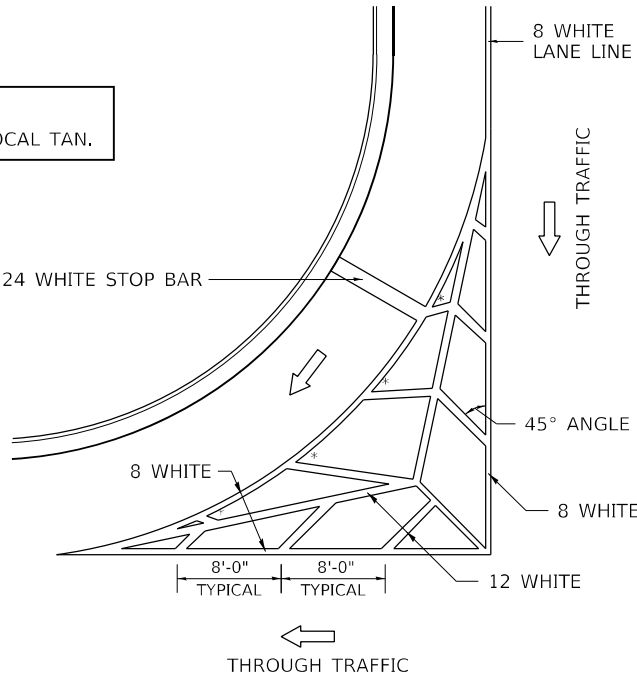
** ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

TYPICAL ISLAND
OFFSET SHOULDER WIDTH



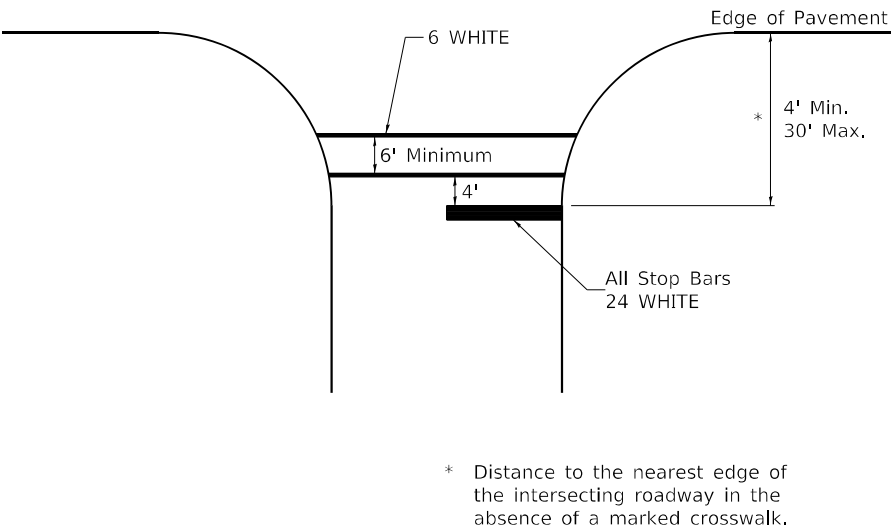
TYPICAL MARKING FOR
PAINTED ISLANDS

NOTE:
* 45° TO LOCAL TAN.



STANDARD CROSSWALK MARKING

See Schedules for Locations

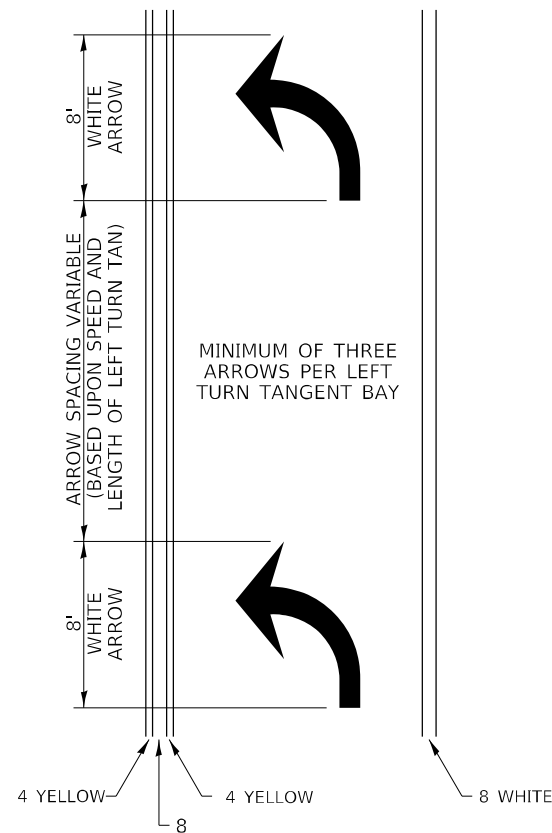


* Distance to the nearest edge of the intersecting roadway in the absence of a marked crosswalk.

FILE NAME: p:\w\dot-pw\entley.com\PWIDOT\Documents\DOT Offices\District 2\Projects\64P93\Program Development\Studies & Plans\Design\CADD\CAD Sheets\Sheet-1.dgn	USER NAME = Brad.Cushman	DESIGNED -	REVISED - 6-27-14	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD			F.A.P. RTE. 646	SECTION 8N	COUNTY WHITESIDE	TOTAL SHEETS 114	SHEET NO. 82
	PLOT SCALE = 100,000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 64P93				
	PLOT DATE = Nov-14-2022 03:28:27 PM	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				
								SCALE:	SHEET 1 OF 3 SHEETS	STA. TO STA.		

TYPICAL PAVEMENT MARKINGS

ARROW LAYOUT



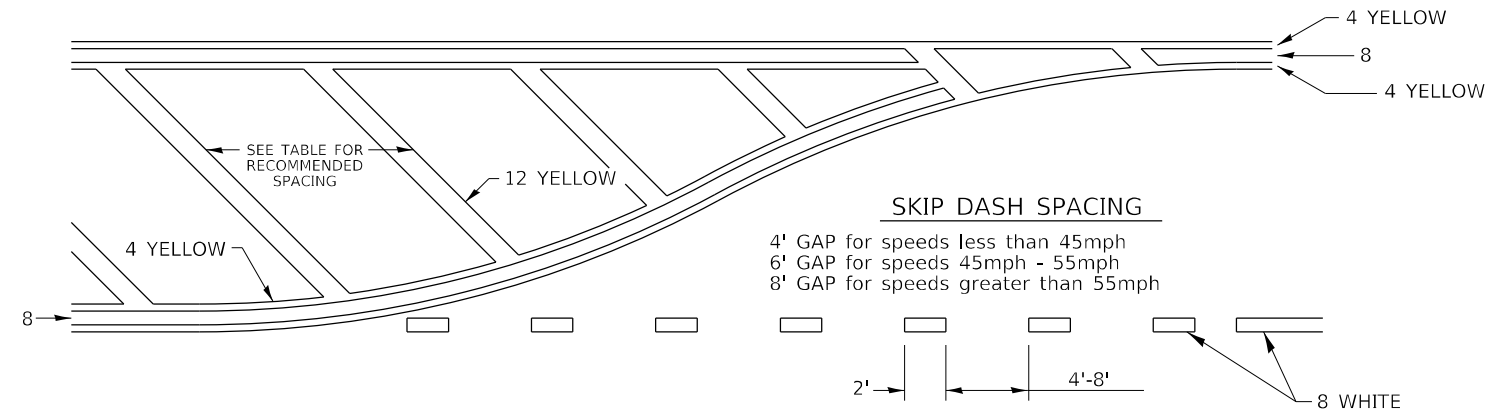
- ◀ ONE-WAY
AMBER MARKER
- ◁ ONE-WAY
CRYSTAL MARKER
- ◆ TWO-WAY
AMBER MARKER

ALL DIMENSIONS ARE IN INCHES
UNLESS OTHERWISE NOTED.

6 at 40' O.C.
APPROACH SIDE ONLY

See Typical —
Drawing at right

TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN

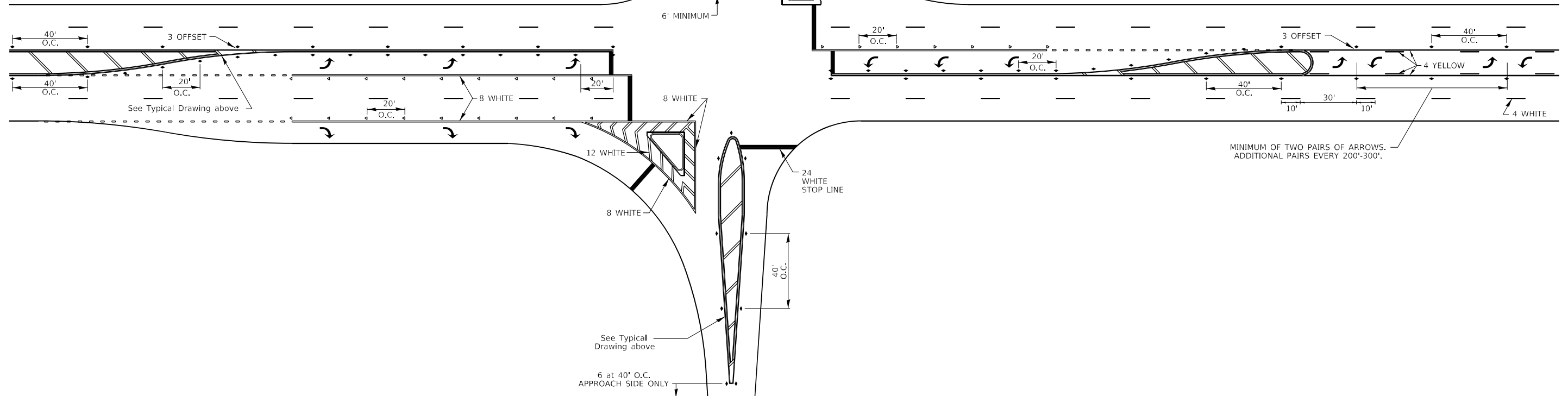


RECOMMENDED SPACING BETWEEN DIAGONALS (IN FEET)

Speed Limit Range	Continuous Median Area	Intersection Channelization	Objects (Islands)
less than 30MPH	50'	15'	10'
30-40MPH	75'	20'	15'
45MPH & over	75'	30'	20'

NOTE: if the spacing recommended in the Table does not permit at least five diagonal lines in the area being marked, the spacing from the next lowest speed range should be used. The recommended spacing is measured parallel to the pavement center line.

6 WHITE
— CROSSWALK LINES



FILE NAME: p:\dot-pw\hntley.com\PWIDOTDocuments\DOT Offices\District 2\Projects\64P93\Program Development\Studies & Plans\Design\CADD\CAD sheets\64P93\64P93-district 2-05-12.dgn	USER NAME = Brad,Cushman	DESIGNED -	REVISED - 6-27-14	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				REGION 2 / DISTRICT 2 STANDARD				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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					SCALE:	SHEET 2	OF 3	SHEETS	STA.	TO STA.						

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

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	PLOTTED _____			
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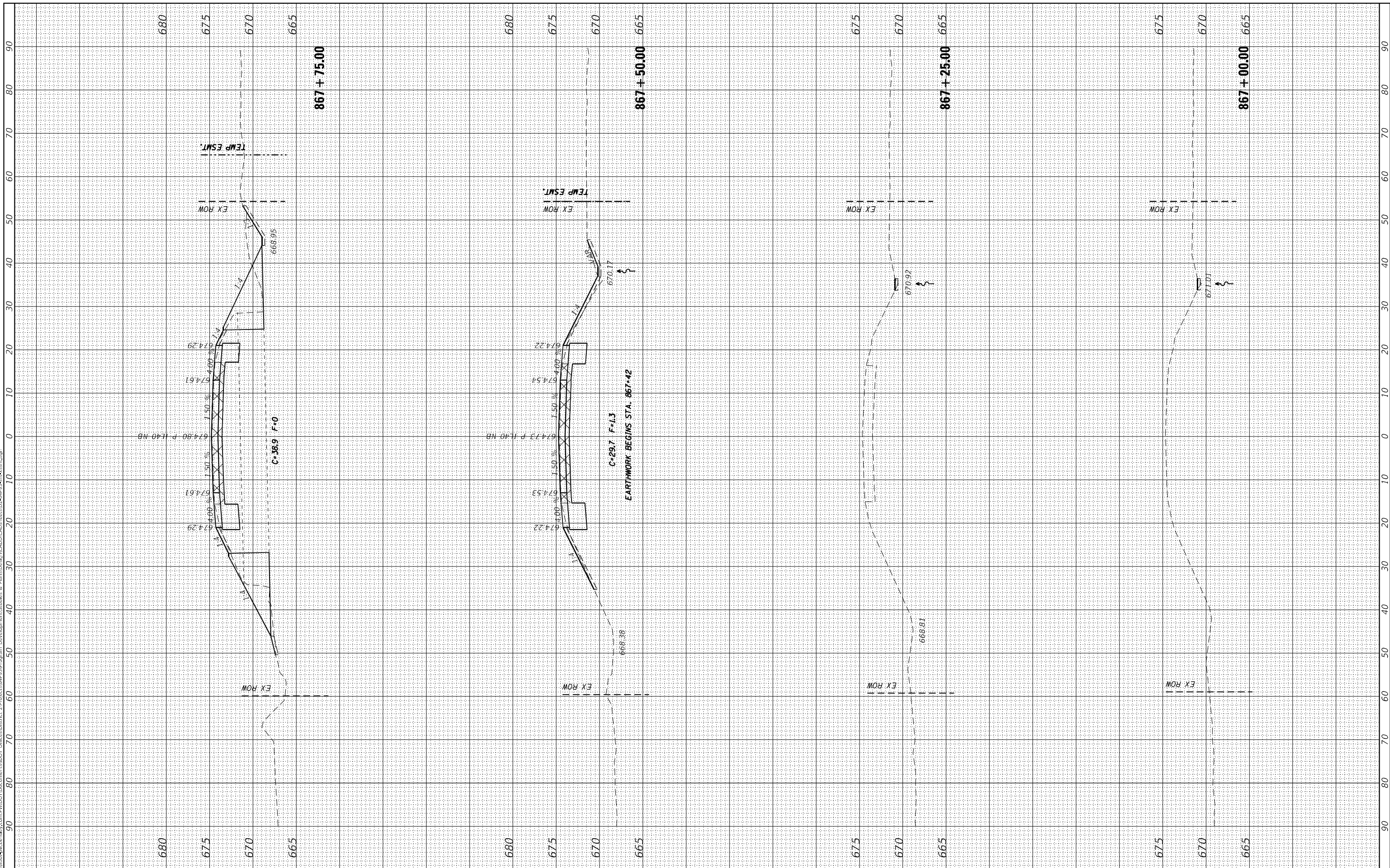
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USER NAME = Brac,Cushman	DESIGNED -	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE:	SHEET	OF	SHEETS	STA. 867+00.00	TO STA. 867+75.00
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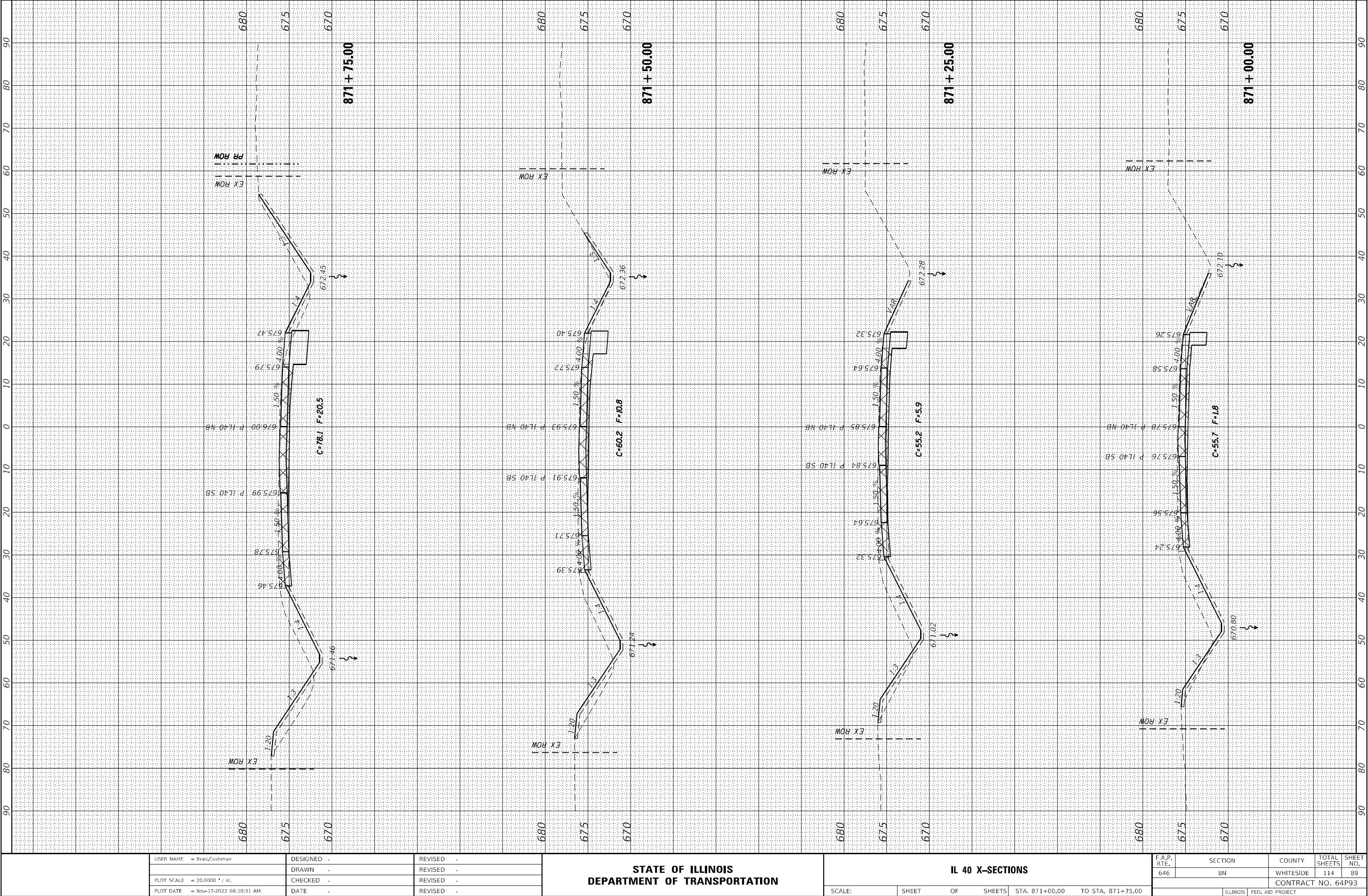
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	8N	WHITESIDE	114	85
		CONTRACT NO. 64P93		
ILLINOIS		FED. AID PROJECT		



FINAL SURVEY	SURVEYED PLOTTED NOTE BOOK NO.	BY	DATE

ORIGINAL SURVEY	SURVEYED PLOTTED NOTE BOOK NO.	BY	DATE

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PLOT DATE	= Nov-17-2022 08:10:31 AM

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DRAWN	-
CHECKED	-
DATE	-

REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 40 X-SECTIONS

SCALE:	SHEET	OF	SHEETS	STA. 871+00.00	TO STA. 871+75.00
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	8N	WHITESIDE	114	89
CONTRACT NO. 64P93				
ILLINOIS FED. AID PROJECT				

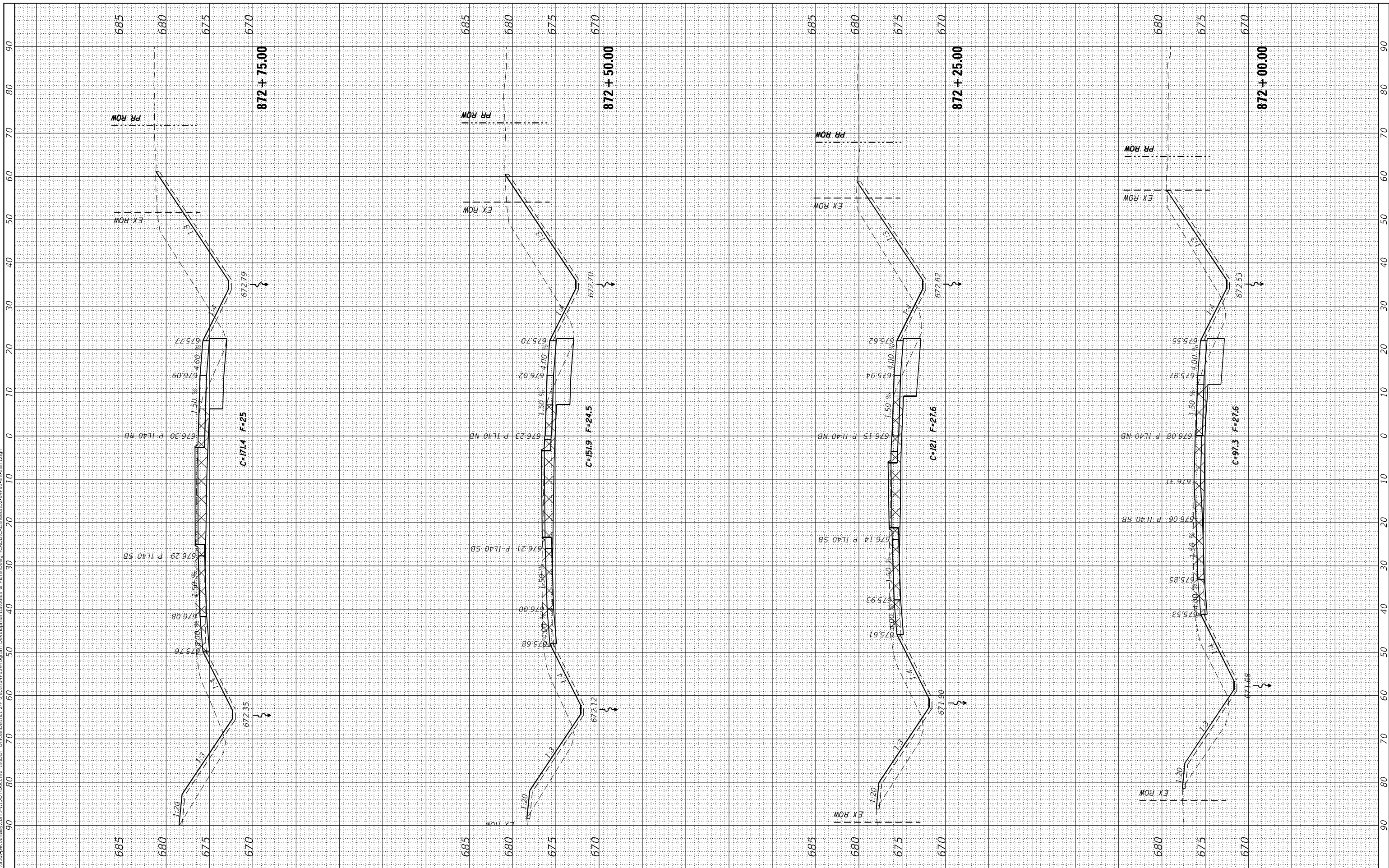
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	SURVEYED _____			
	PLOTTED _____			
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	AREAS _____			
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NO.	AREAS CHECKED

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

IL 40 X-SECTIONS

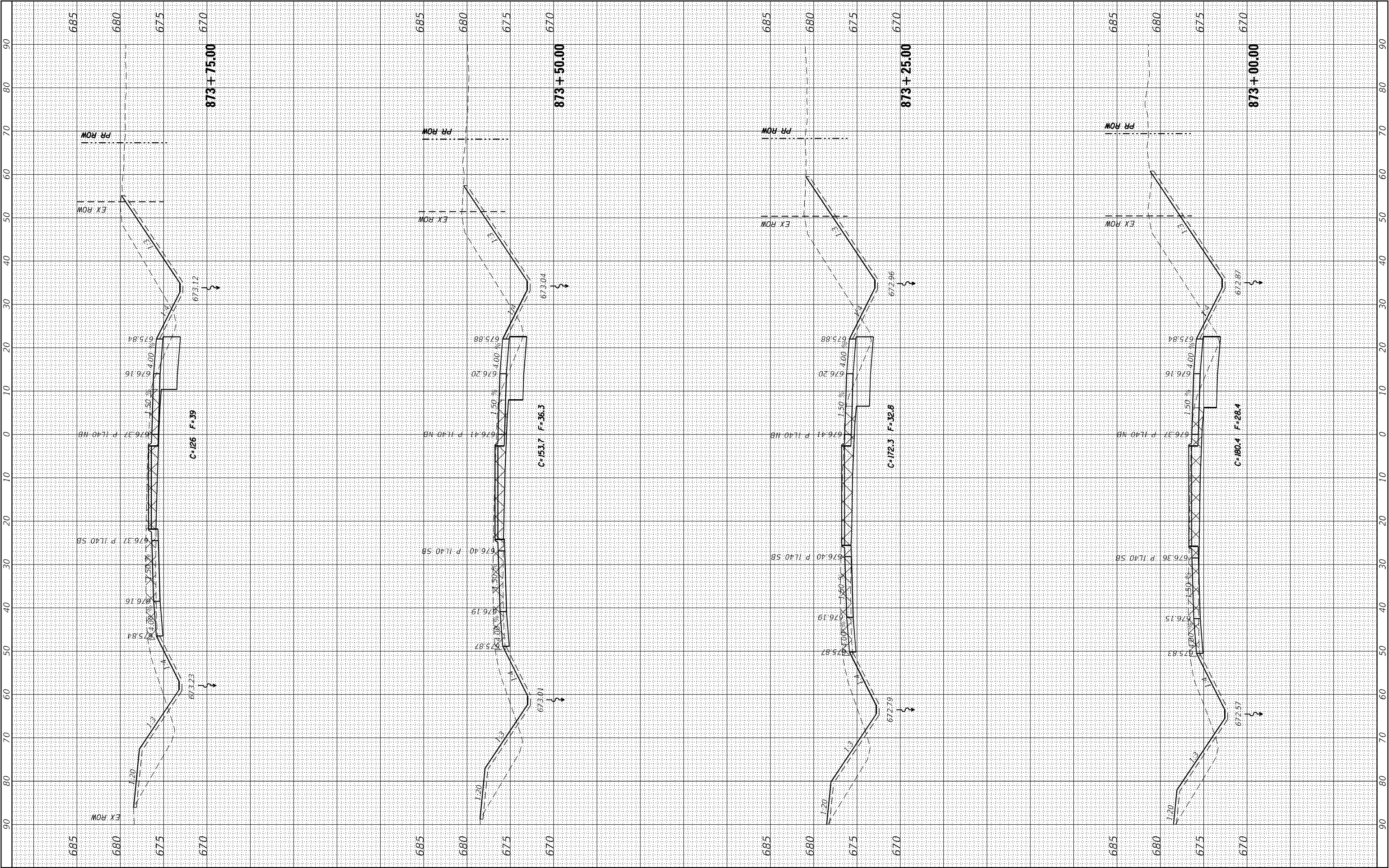
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	8N	WHITESIDE	114	90
		CONTRACT NO. 64P93		
ILLINOIS		FED. AID PROJECT		

FINAL SURVEY	SURVEYED PLOTTED NOTE BOOK NO.	BY	DATE

ORIGINAL SURVEY	SURVEYED PLOTTED NOTE BOOK NO.	BY	DATE

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	DRAWN -	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 40 X-SECTIONS

SCALE: SHEET OF SHEETS STA. 873+00.00 TO STA. 873+75.00

F.A.P. RTE. 646	SECTION 8N	COUNTY WHITESIDE	TOTAL SHEETS 114	SHEET NO. 91
CONTRACT NO. 64P93				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED PLOTTED	DATE
NO.	NO.	NO.

ORIGINAL SURVEY	SURVEYED PLOTTED	DATE
NO.	NO.	NO.

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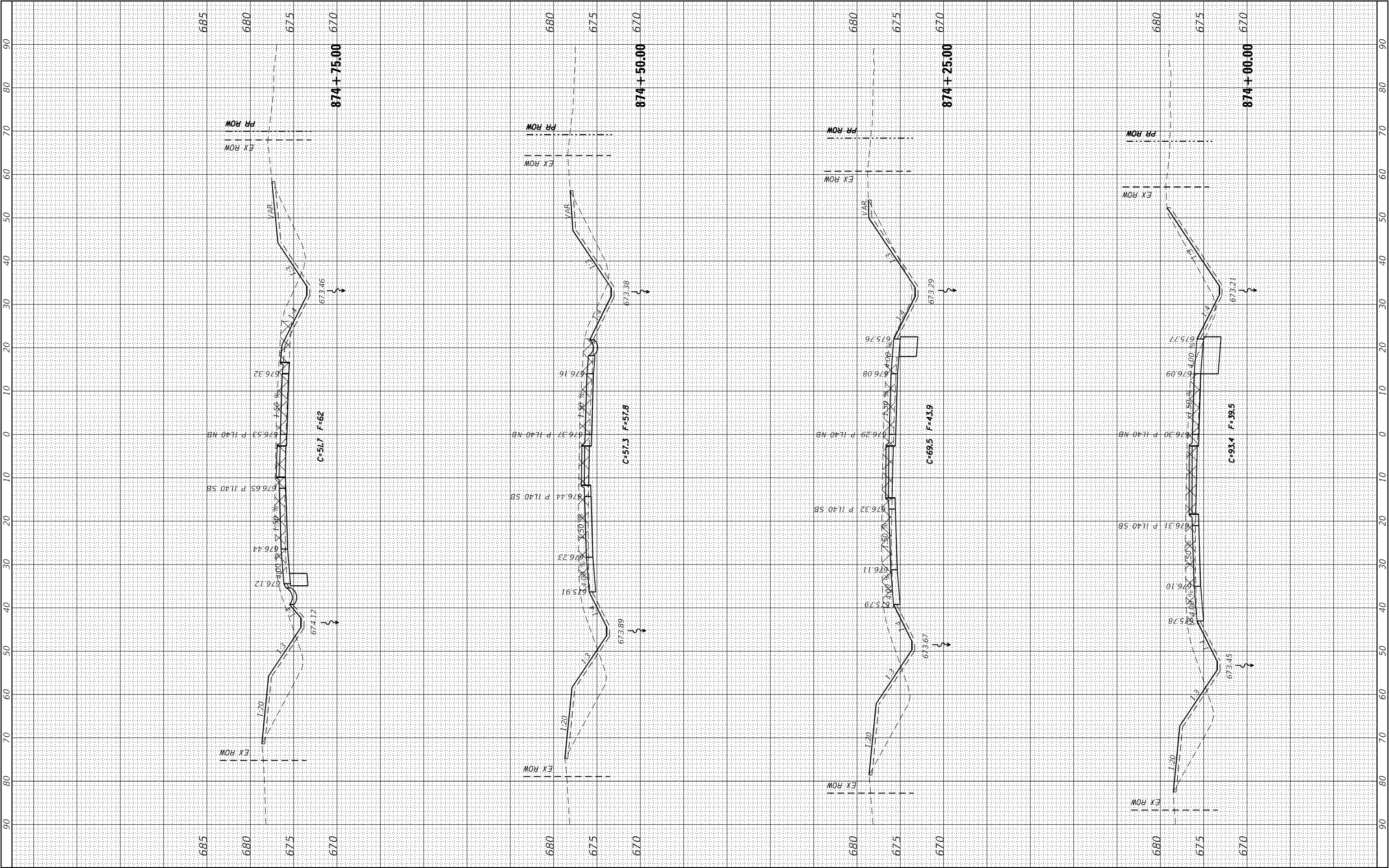
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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 40 X-SECTIONS

SCALE: SHEET OF SHEETS STA. 874+00.00 TO STA. 874+75.00

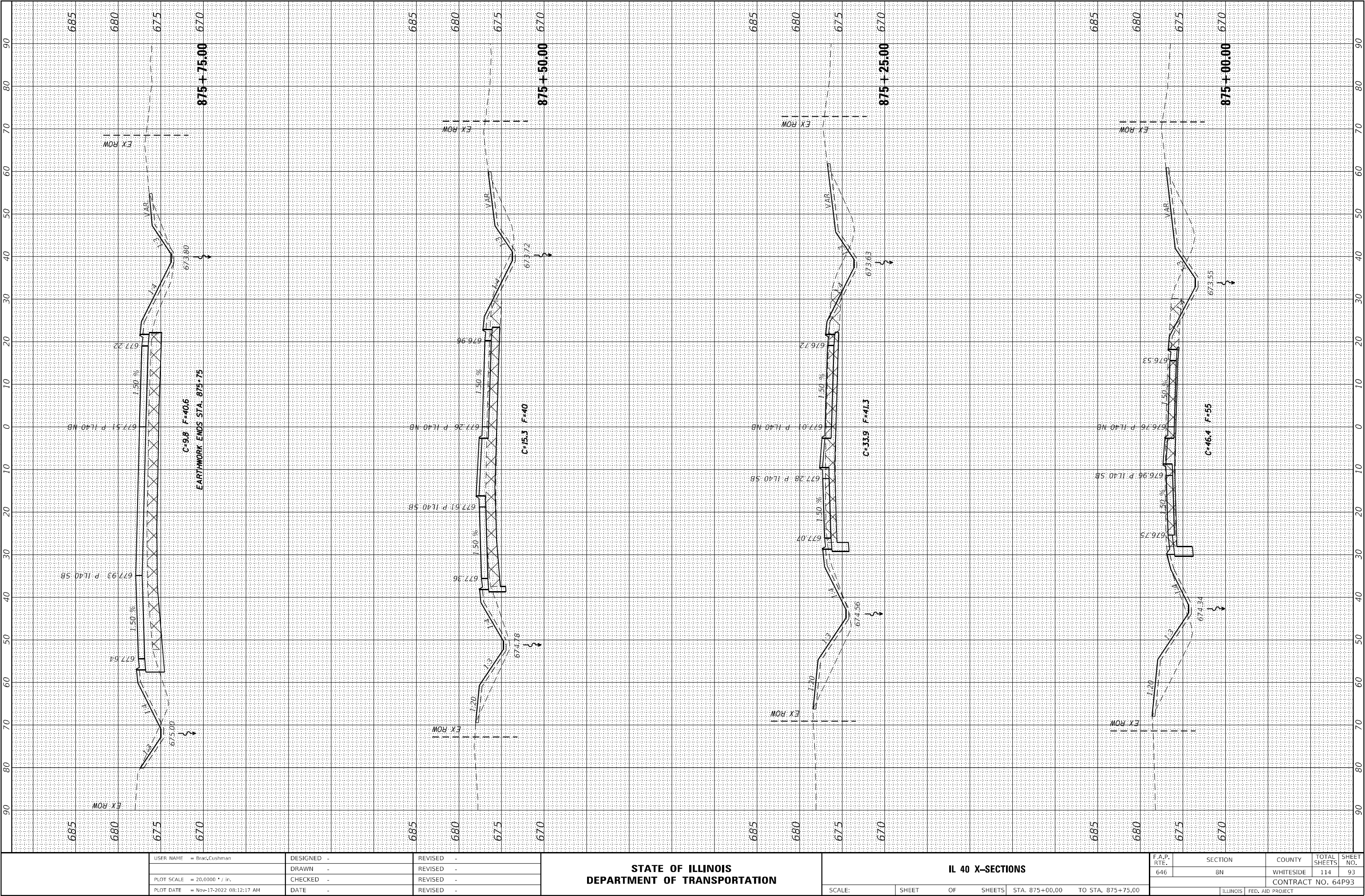
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646	8N	WHITESIDE	114	92
CONTRACT NO. 64P93				
ILLINOIS FED. AID PROJECT				



FINAL SURVEY	SURVEYED PLOTTED NOTE BOOK NO.	BY	DATE

ORIGINAL SURVEY	SURVEYED PLOTTED NOTE BOOK NO.	BY	DATE

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	DRAWN -	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 40 X-SECTIONS

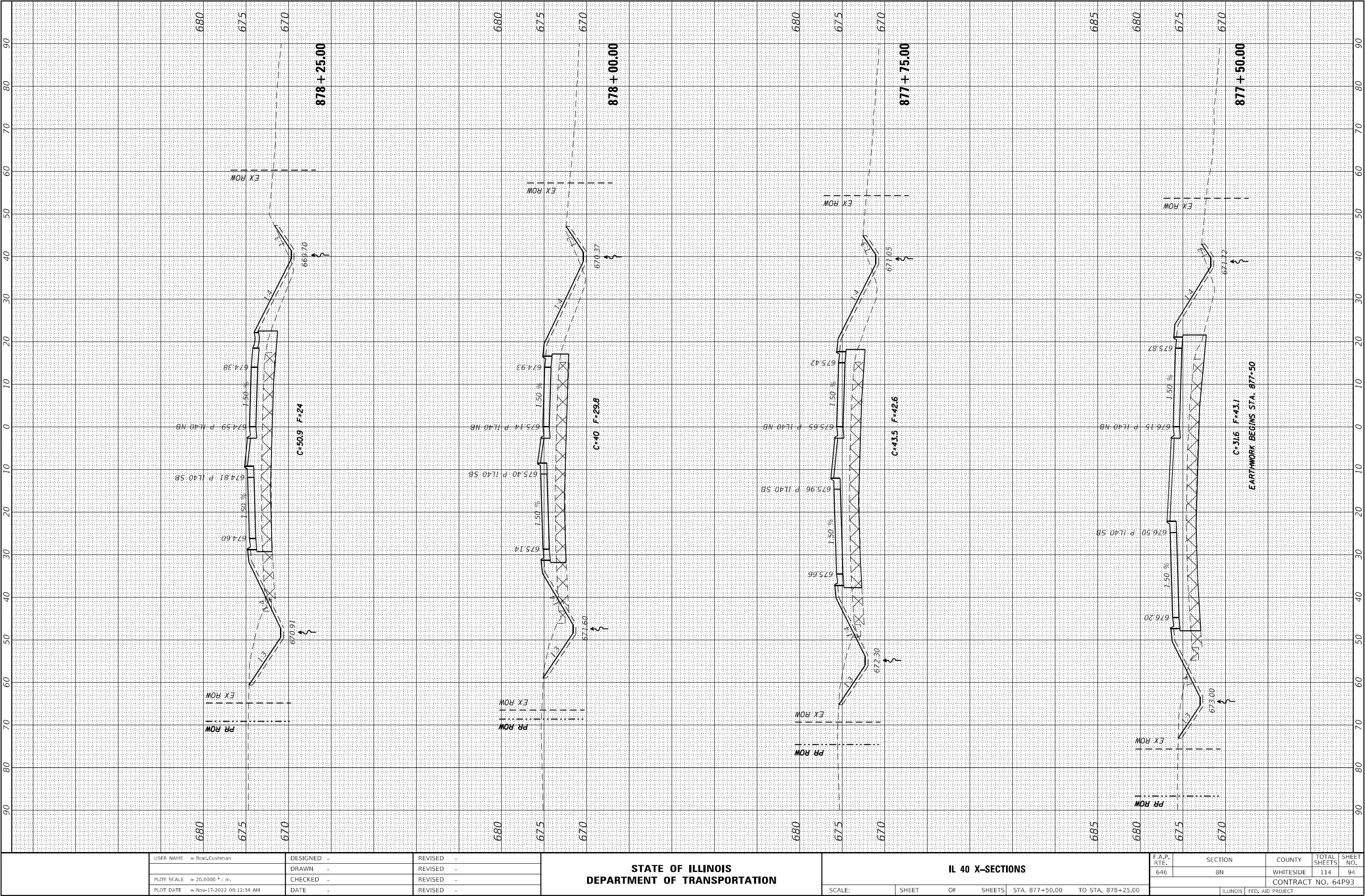
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	8N	WHITESIDE	114	93
CONTRACT NO. 64P93				
ILLINOIS FED. AID PROJECT				

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

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS		
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USER NAME	= Brac,Cushman
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PLOT DATE	= Nov-17-2022 08:12:34 AM

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 40 X-SECTIONS

SCALE: SHEET OF SHEETS STA. 877+50.00 TO STA. 878+25.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	8N	WHITESIDE	114	94
CONTRACT NO. 64P93				
ILLINOIS FED. AID PROJECT				

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

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

NO.	AREAS CHECKED

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PLOT DATE	= Nov-17-2022 08:13:11 AM

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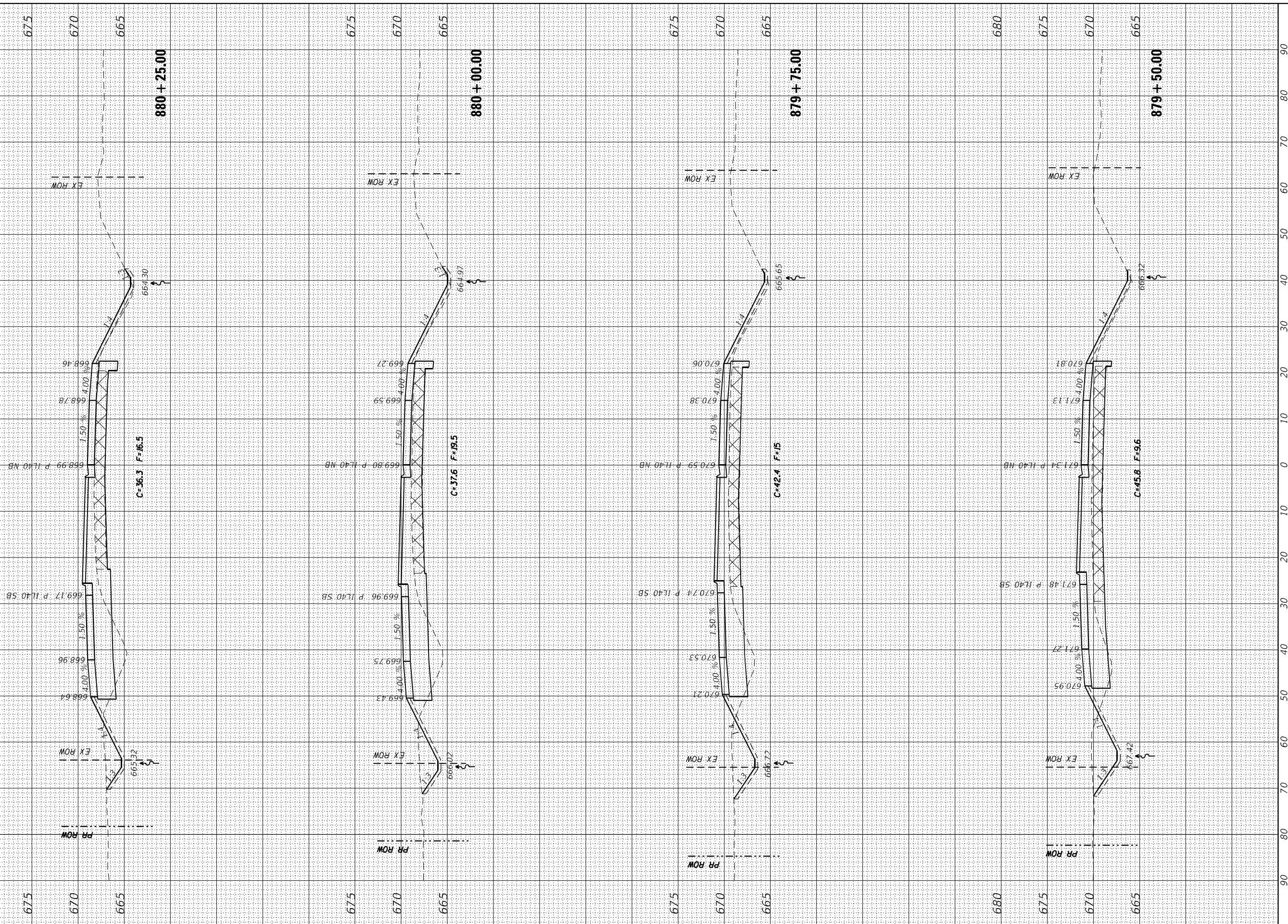
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REVISED	-
REVISED	-
REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 40 X-SECTIONS

SCALE:	SHEET	OF	SHEETS	STA. 879+50.00	TO STA. 880+25.00
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	8N	WHITESIDE	114	96
		CONTRACT NO. 64P93		
ILLINOIS		FED. AID PROJECT		



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

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

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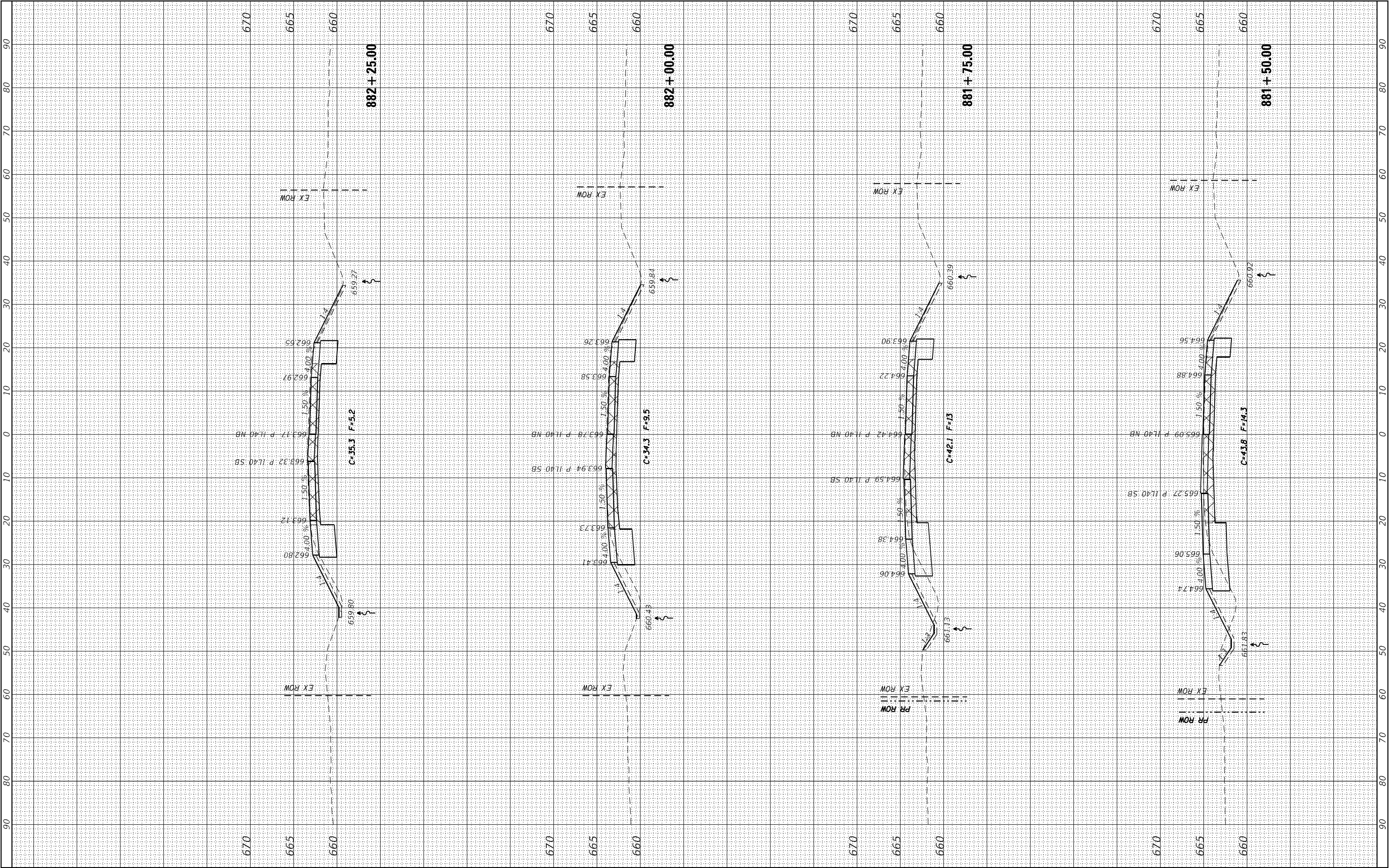
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PLOT DATE =	Nov-17-2022 08:22:55 AM	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 40 X-SECTIONS

SCALE: SHEET OF SHEETS STA. 881+50.00 TO STA. 882+25.00

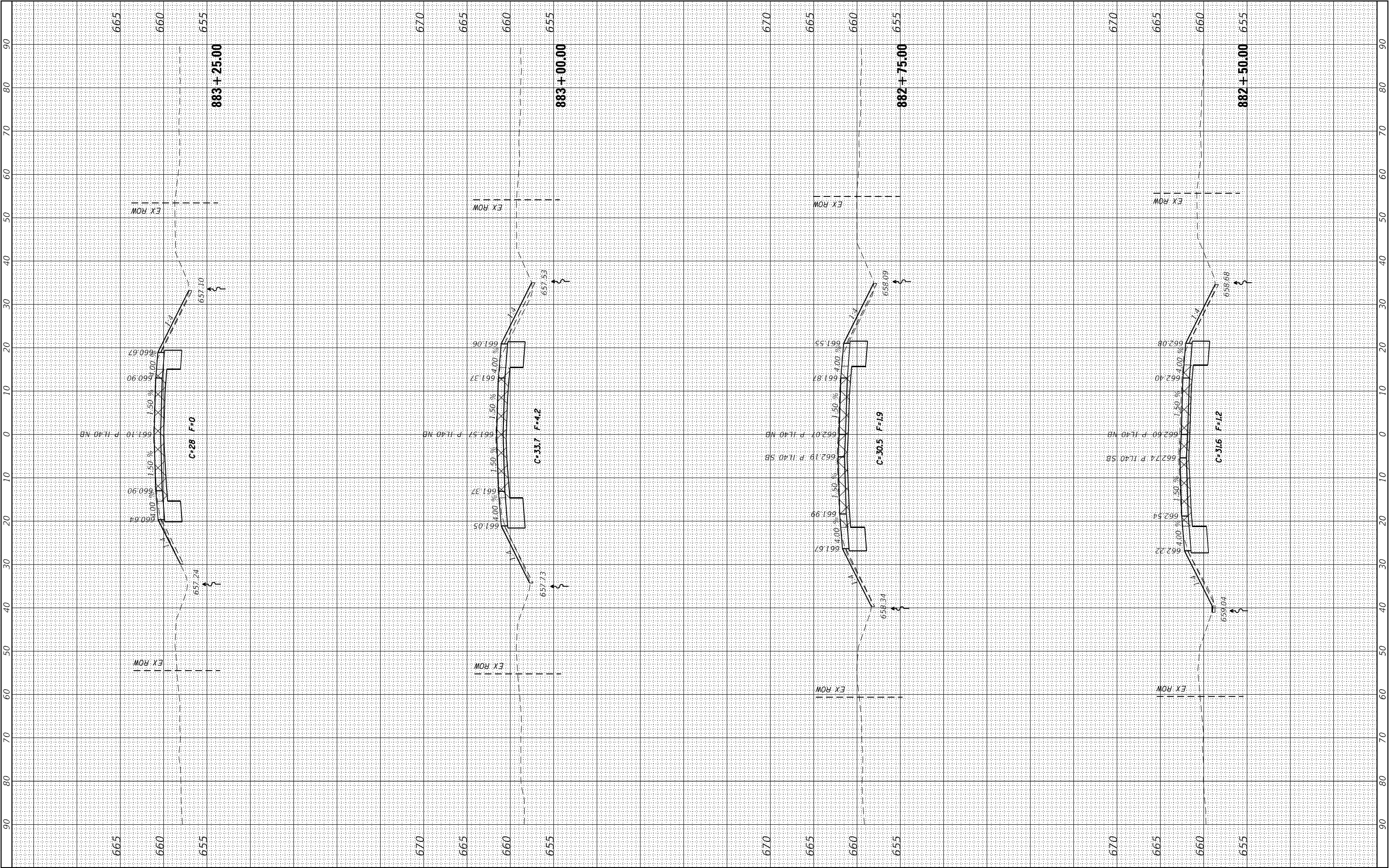
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	8N	WHITESIDE	114	98
CONTRACT NO. 64P93				
ILLINOIS FED. AID PROJECT				



FINAL SURVEY	SURVEYED NOTE BOOK NO.	BY	DATE

ORIGINAL SURVEY	SURVEYED NOTE BOOK NO.	BY	DATE

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USER NAME = Brac,Cushman	DESIGNED -	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 40 X-SECTIONS

SCALE: SHEET OF SHEETS STA. 882+50.00 TO STA. 883+25.00

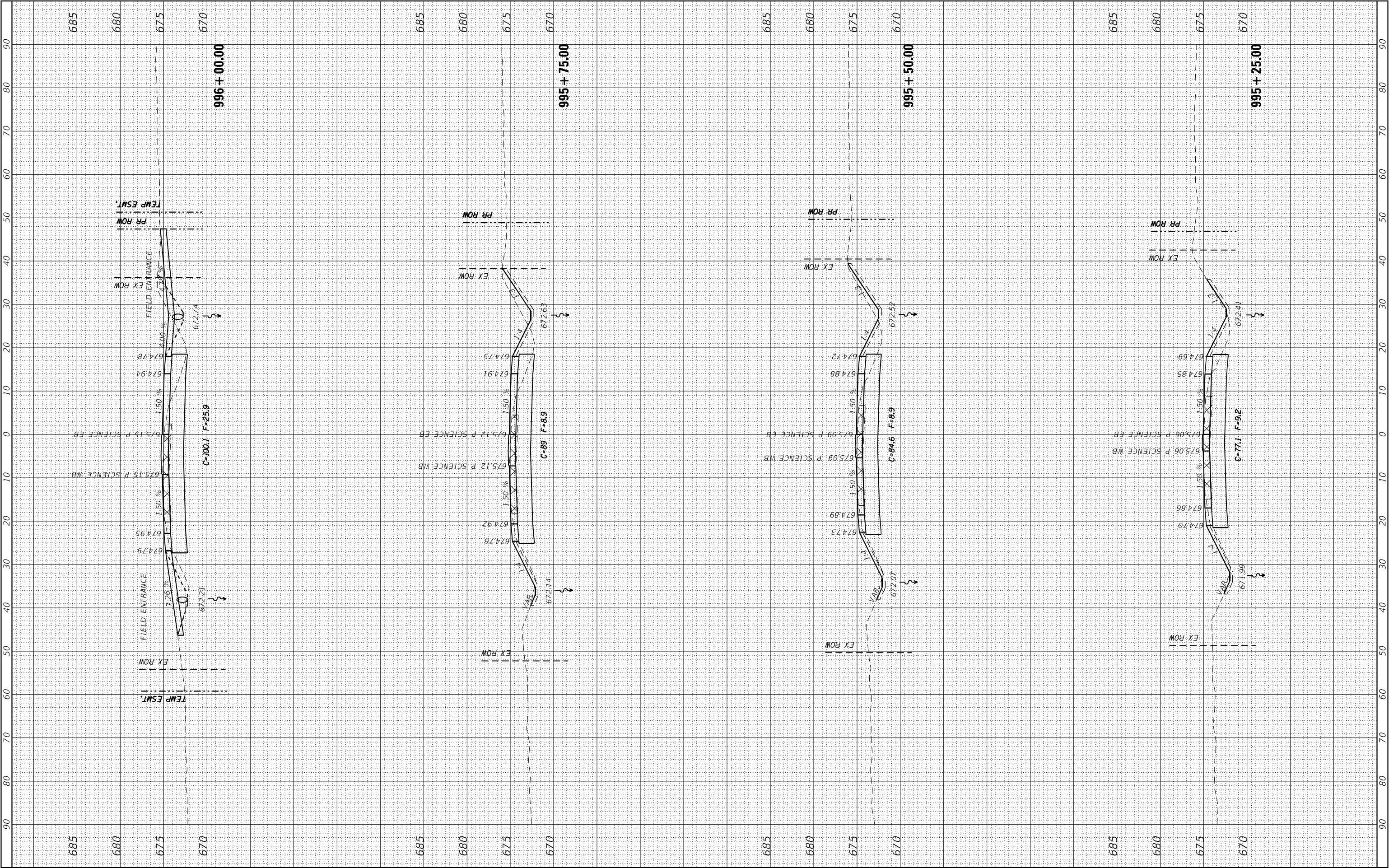
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646	8N	WHITESIDE	114	99
CONTRACT NO. 64P93				
ILLINOIS FED. AID PROJECT				

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

FINAL	BY	DATE
SURVEY		
NOTE BOOK		
NO.		

ORIGINAL	BY	DATE
SURVEY		
NOTE BOOK		
NO.		

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USER NAME =	Brac,Cushman	DESIGNED -	REVISED -
DRAWN -		REVISED -	
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCIENCE RIDGE RD. X-SECTIONS

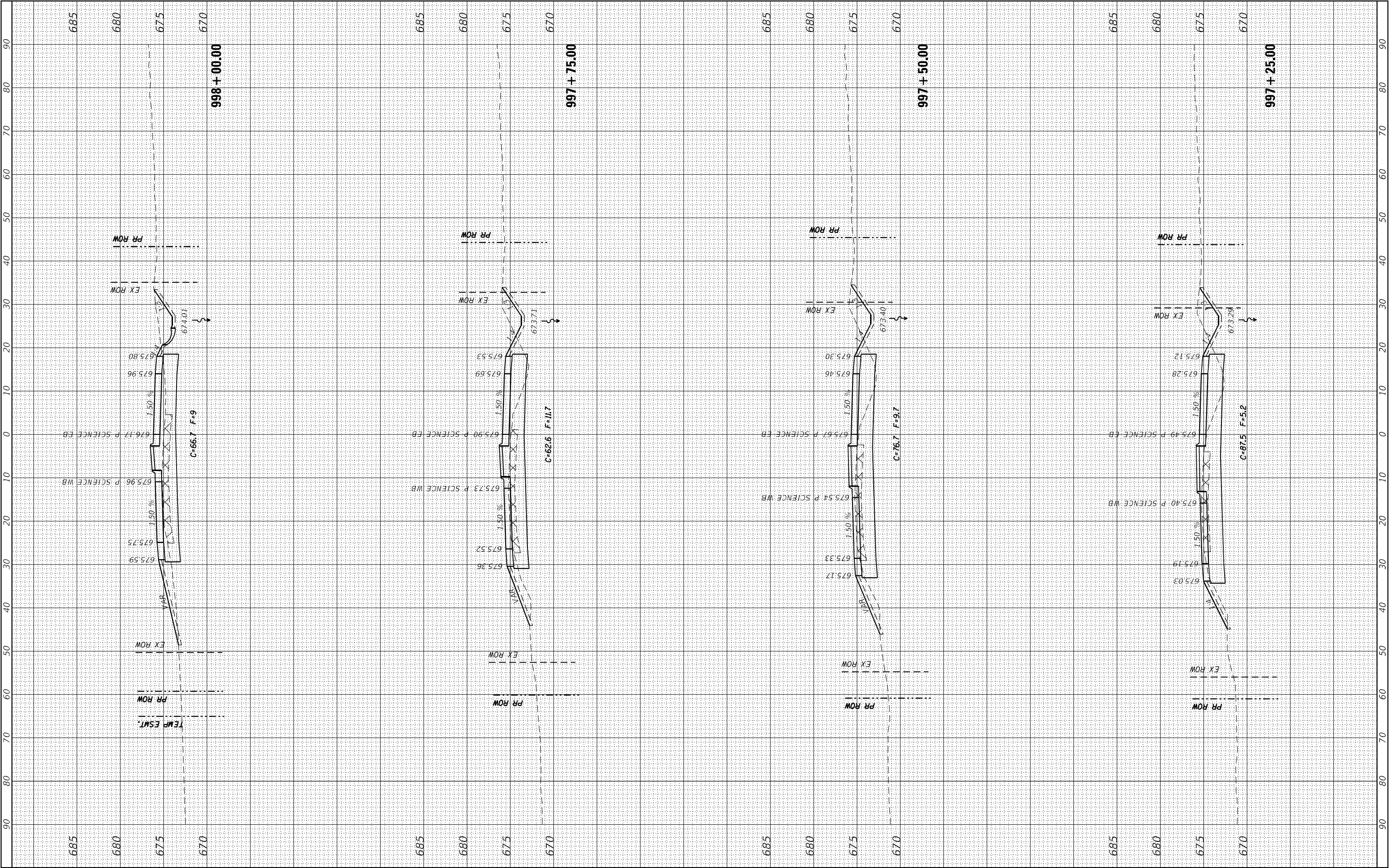
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	8N	WHITESIDE	114	102
CONTRACT NO. 64P93				
ILLINOIS FED. AID PROJECT				

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

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

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USER NAME = Brac,Cushman	DESIGNED -	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCIENCE RIDGE RD. X-SECTIONS

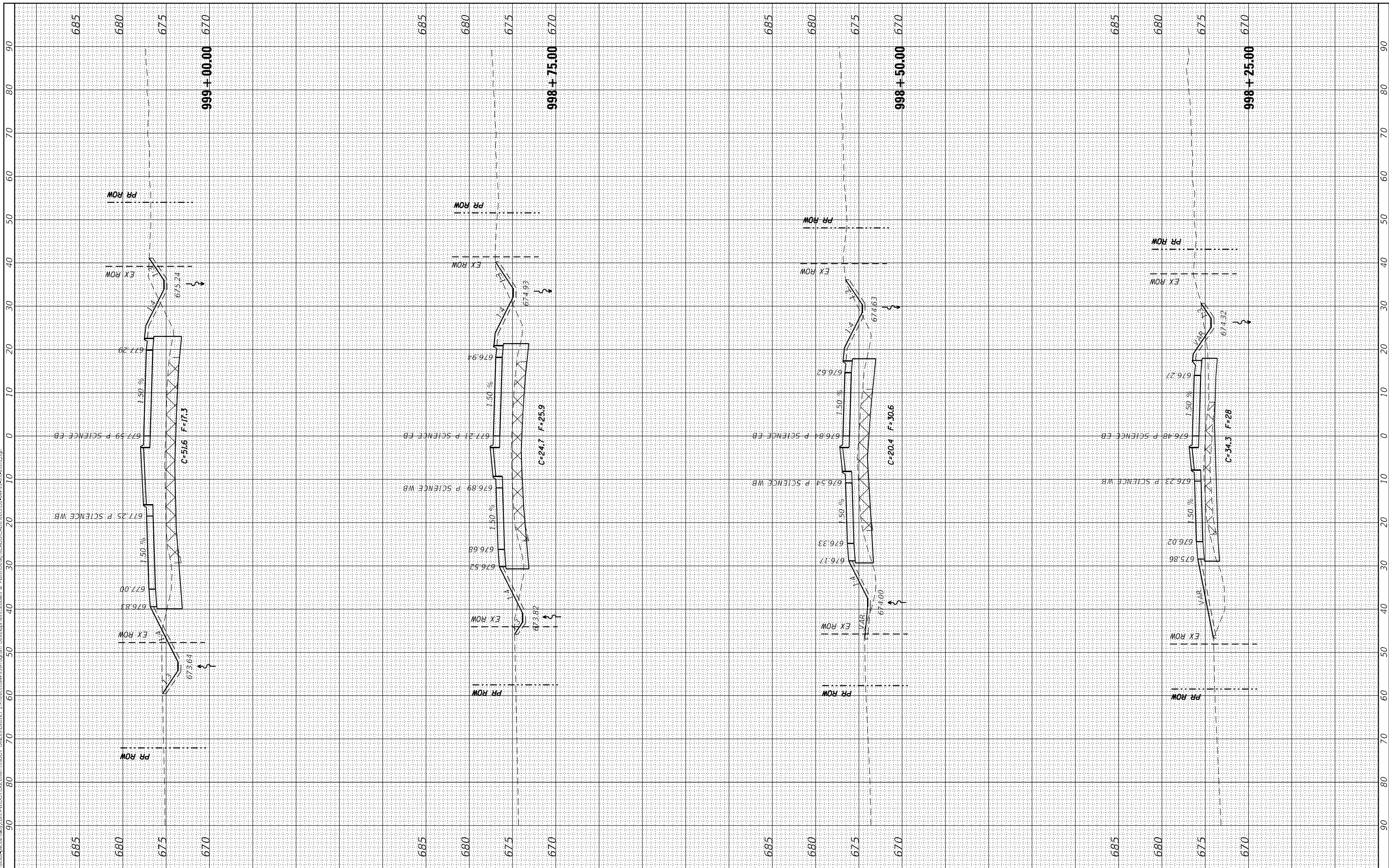
SCALE: SHEET OF SHEETS STA. 997+25.00 TO STA. 998+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	8N	WHITESIDE	114	104
CONTRACT NO. 64P93				
ILLINOIS FED. AID PROJECT				

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

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

MODEL: Default	NO.	AREAS CHECKED
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USER NAME = Bract,Cushman	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCIENCE RIDGE RD. X-SECTIONS

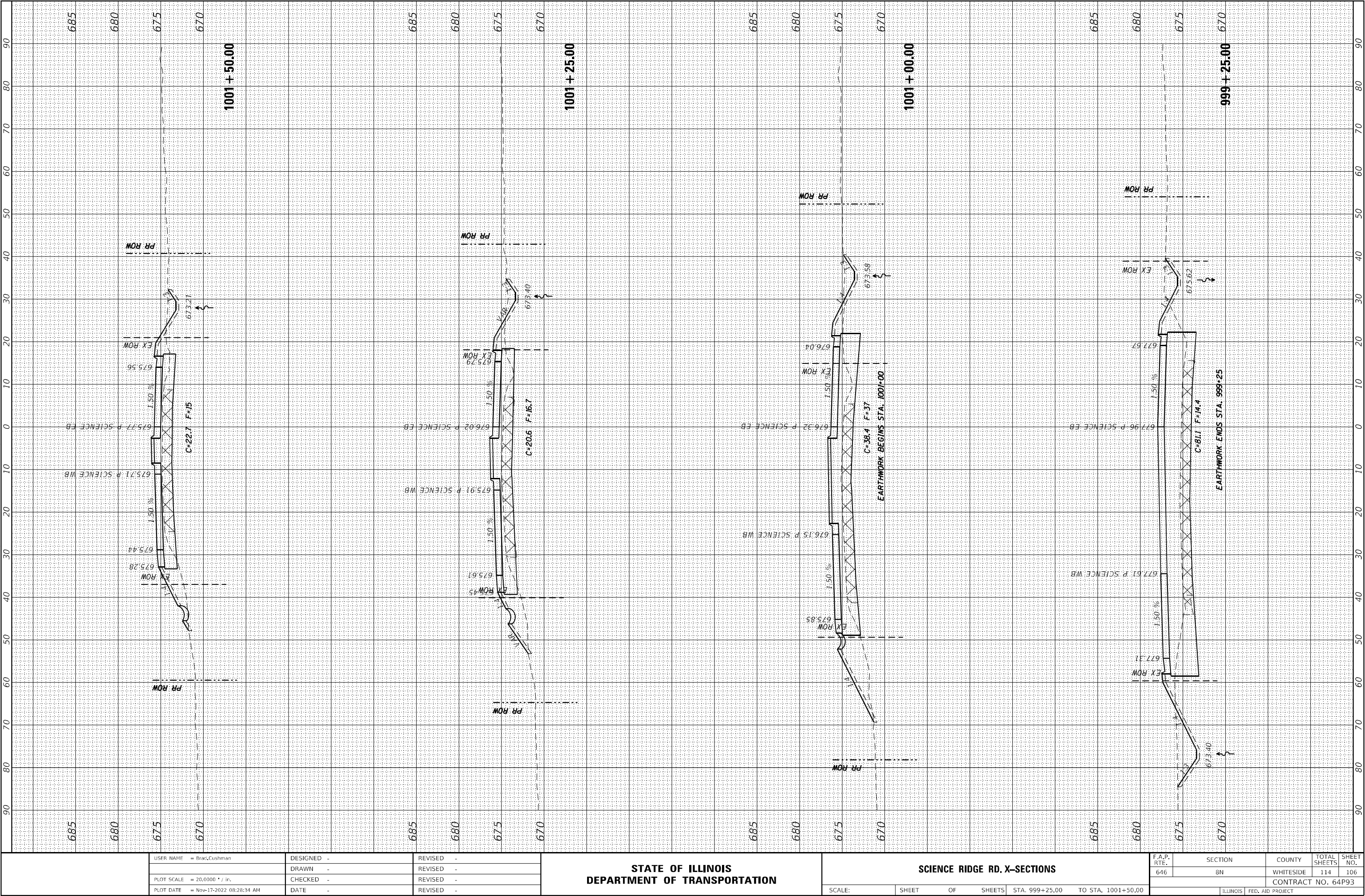
SCALE:	SHEET	OF	SHEETS	STA. 998+25.00	TO STA. 999+00.00
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	8N	WHITESIDE	114	105
		CONTRACT NO. 64P93		
ILLINOIS		FED. AID PROJECT		

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

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

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PLOT DATE = Nov-17-2022 08:28:34 AM	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCIENCE RIDGE RD. X-SECTIONS			
SCALE:	SHEET	OF	SHEETS
STA. 999+25.00		TO STA. 1001+50.00	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	8N	WHITESIDE	114	106
CONTRACT NO. 64P93				
ILLINOIS		FED. AID PROJECT		

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

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

MODEL: Default	NO.	AREAS CHECKED
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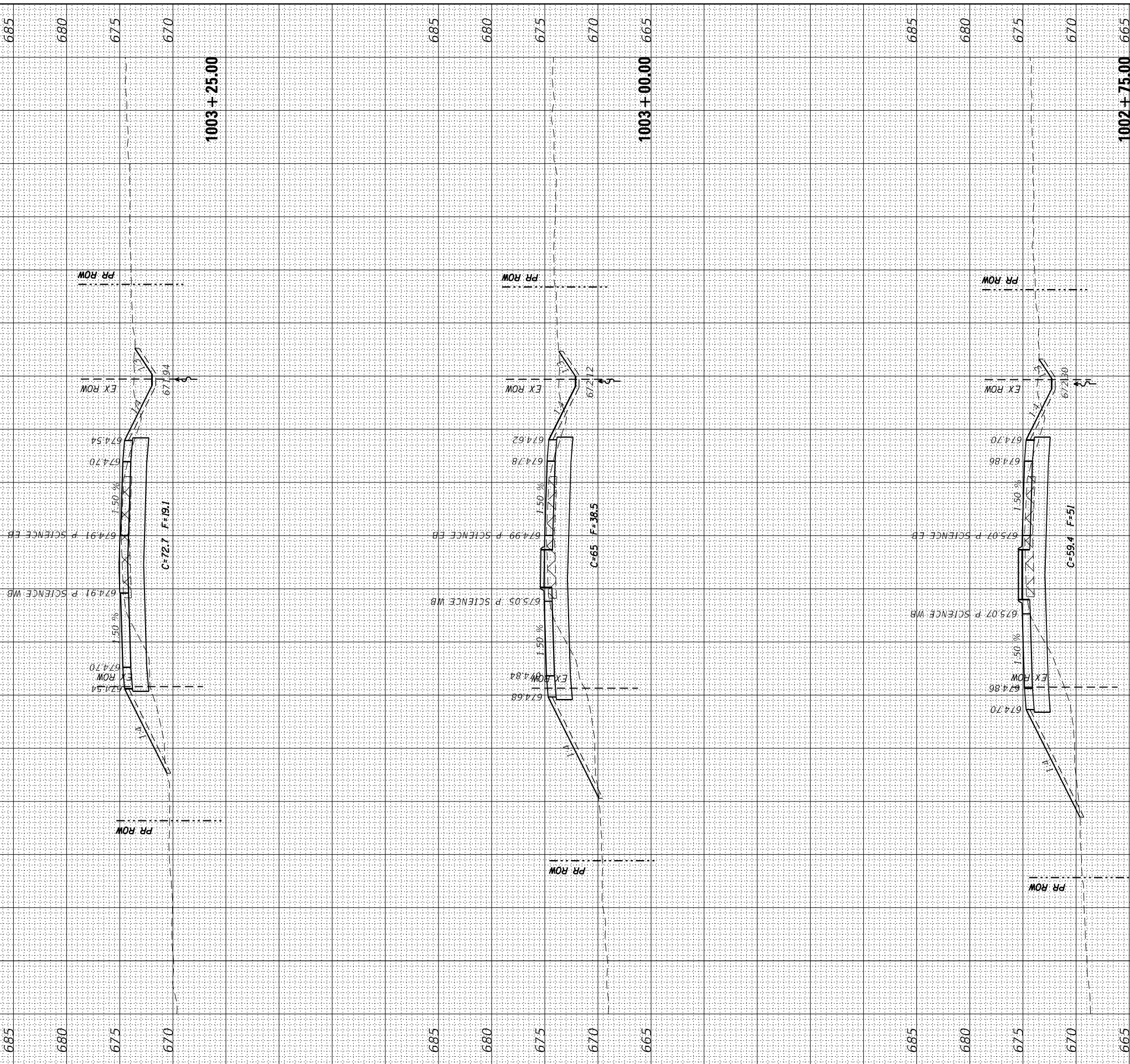
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE:	SHEET	OF	SHEETS	STA. 1002+75.00	TO STA. 1003+25.00
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SCIENCE RIDGE RD. X-SECTIONS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	8N	WHITESIDE	114	108
		CONTRACT NO. 64P93		
ILLINOIS		FED. AID PROJECT		



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

ORIGINAL SURVEY			SV	DATE
	SURVEYED _____			
	PLOTTED _____			
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NO. _____				

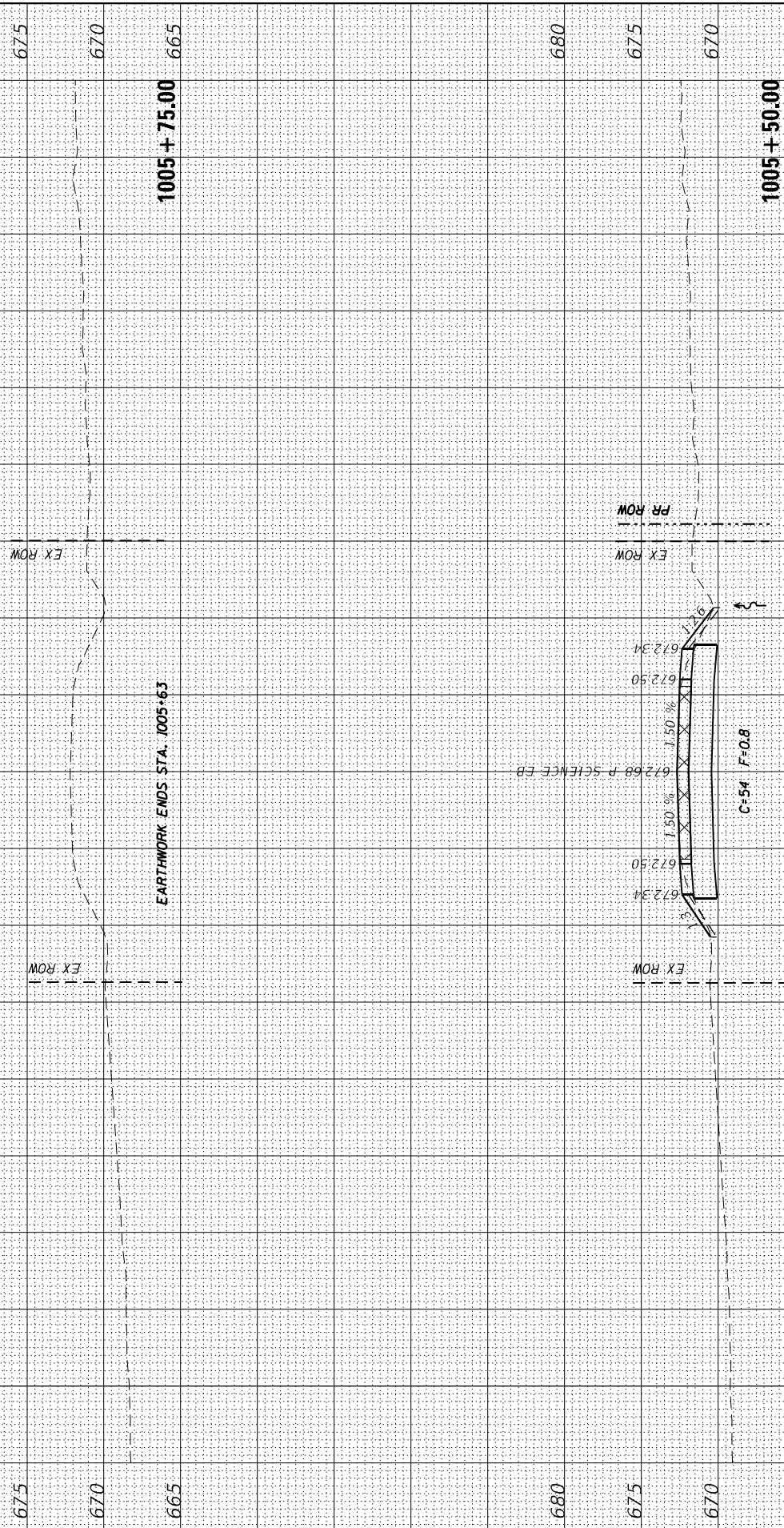
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USER NAME = Bract,Cushman	DESIGNED -	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE:	SHEET	OF	SHEETS	STA. 1005+50.00	TO STA. 1005+75.00
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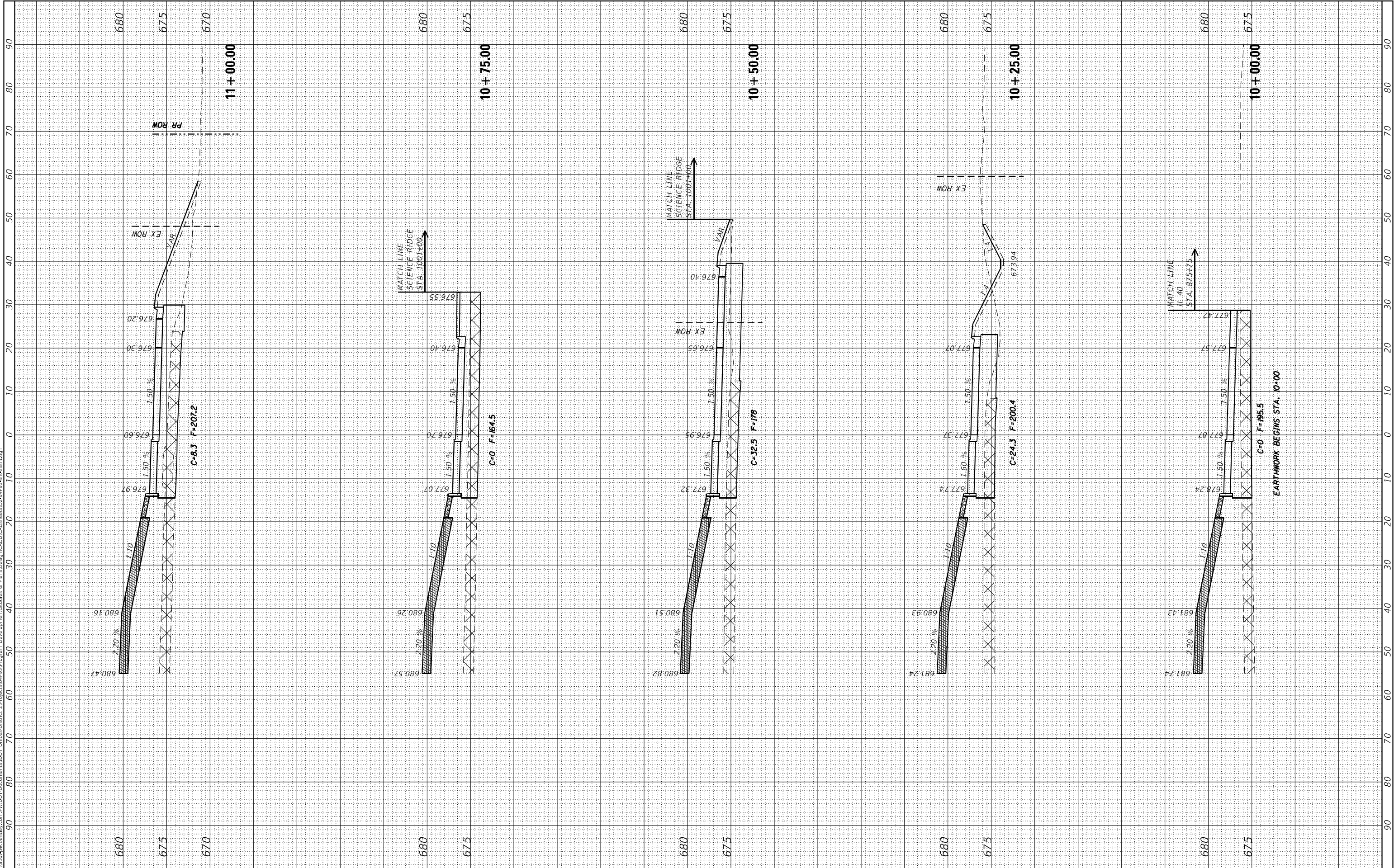
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	8N	WHITESIDE	114	111
		CONTRACT NO. 64P93		
ILLINOIS		FED. AID PROJECT		



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

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

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PLOT DATE = Nov-17-2022 08:30:29 AM	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CENTER ROUNDABOUT X-SECTIONS

SCALE: SHEET OF SHEETS STA. 10+00.00 TO STA. 11+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	8N	WHITESIDE	114	112
CONTRACT NO. 64P93				
ILLINOIS FED. AID PROJECT				

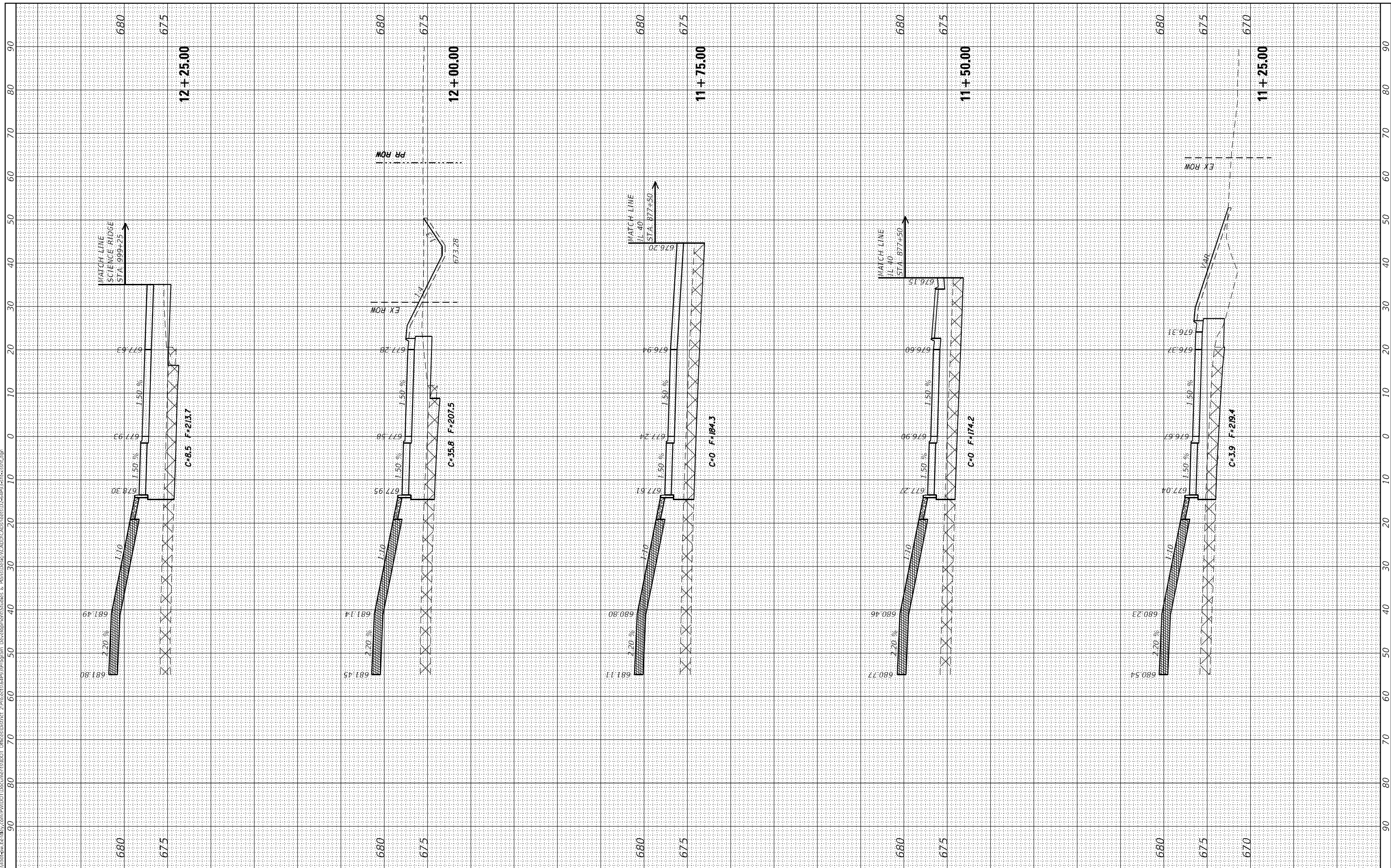
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	PLOTTED _____		
NOTE BOOK	TEMPLATE _____		
	AREAS _____		
NO. _____	AREAS CHECKED _____		

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

NO.	AREAS CHECKED

MODEL: Default

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USER NAME = Braci,Cushman	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

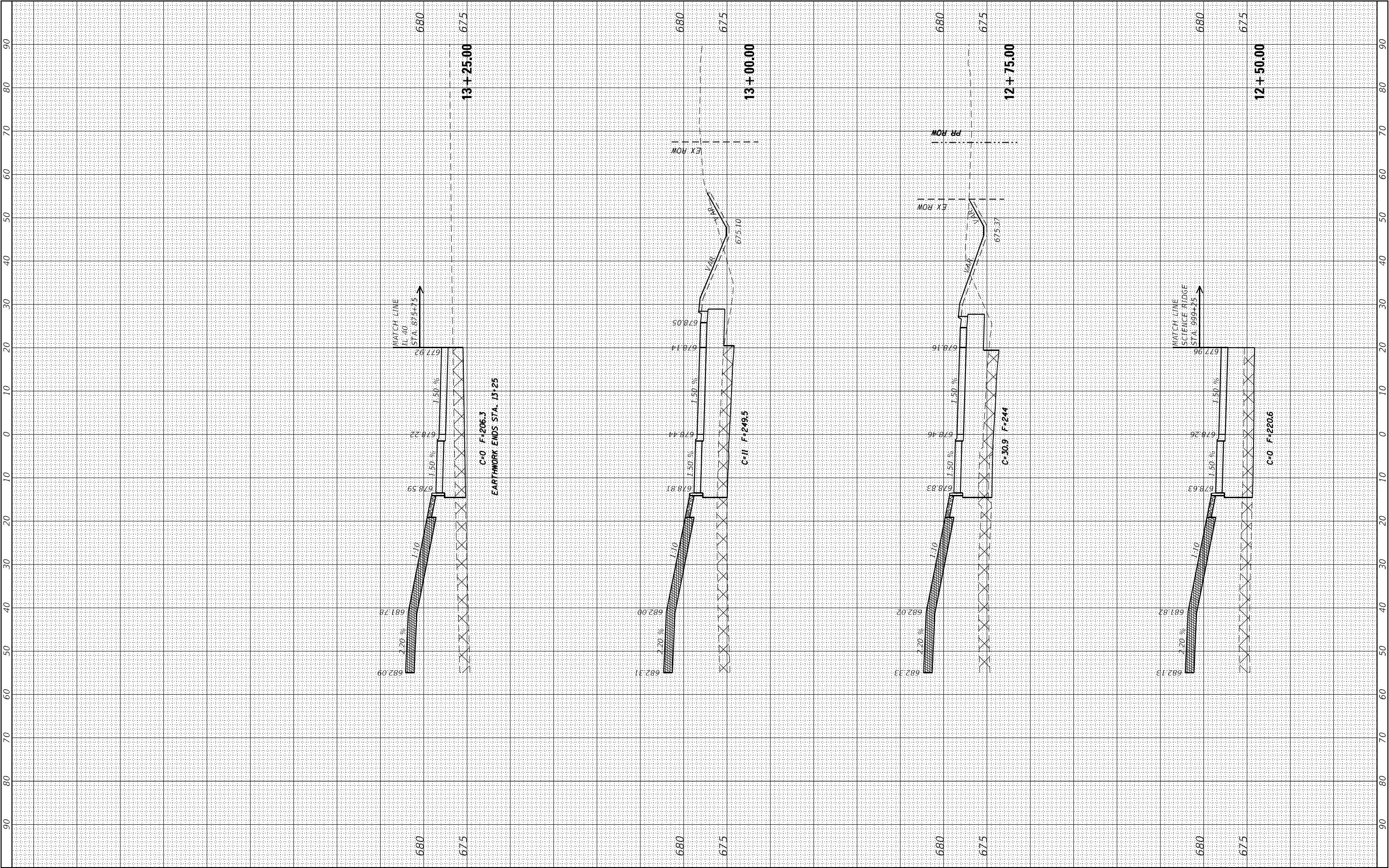
CENTER ROUNDABOUT X-SECTIONS					F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
					646	8N	WHITESIDE	114	113
					CONTRACT NO. 64P93				
SCALE:	SHEET	OF	SHEETS	STA. 11+25.00 TO STA. 12+25.00	ILLINOIS		FED. AID PROJECT		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	8N	WHITESIDE	114	113
		CONTRACT NO. 64P93		
ILLINOIS		FED. AID PROJECT		

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

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

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CENTER ROUNDABOUT X-SECTIONS

SCALE: SHEET OF SHEETS STA. 12+50.00 TO STA. 13+25.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	8N	WHITESIDE	114	114
CONTRACT NO. 64P93				
ILLINOIS FED. AID PROJECT				