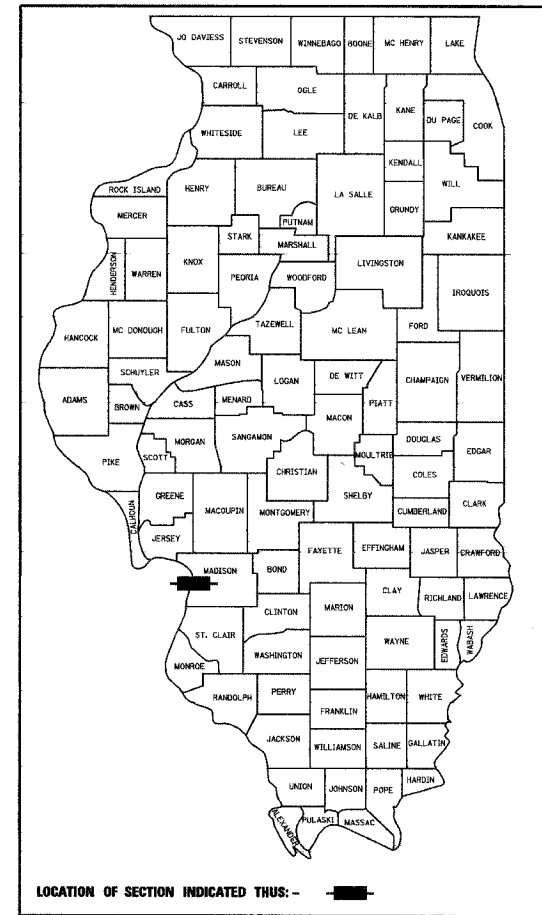


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9104	05-0001-00-WR	MADISON	102	1
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 97514				

INDEX OF SHEETS

SHEET NUMBER	DESCRIPTION
1	COVER SHEET
2	GENERAL NOTES AND LEGEND
3	SUMMARY OF QUANTITIES
4 - 12	TYPICAL SECTIONS - EXISTING
13 - 19	TYPICAL SECTIONS - PROPOSED
20 - 22	QUANTITY SCHEDULES
23	REFERENCE POINT TIES, COORDINATES AND BENCHMARKS
24 - 27	ADVANCED WARNING SIGNS & STAGES OF CONSTRUCTION
28 - 41	PLAN AND PROFILE SHEETS
42 - 54	DRAINAGE SHEETS
55 - 58	INTERSECTION GEOMETRIC DETAIL SHEETS
59 - 62	PAVEMENT MARKING SHEET
63 - 67	REMOVAL SHEETS
68 - 70	TRAFFIC SIGNAL SHEETS
71 - 77	EROSION AND SEDIMENT CONTROL SHEETS
78 - 79	MISCELLANEOUS DETAIL SHEETS
80 - 102	CROSS SECTIONS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
BISSELL STREET
TRI-CITY REGIONAL PORT DISTRICT
MADISON, ILLINOIS
MADISON COUNTY
SECTION NO. 05-0001-00-WR
PROJECT NO. HPP-0144(007)
JOB NO. C-98-323-06

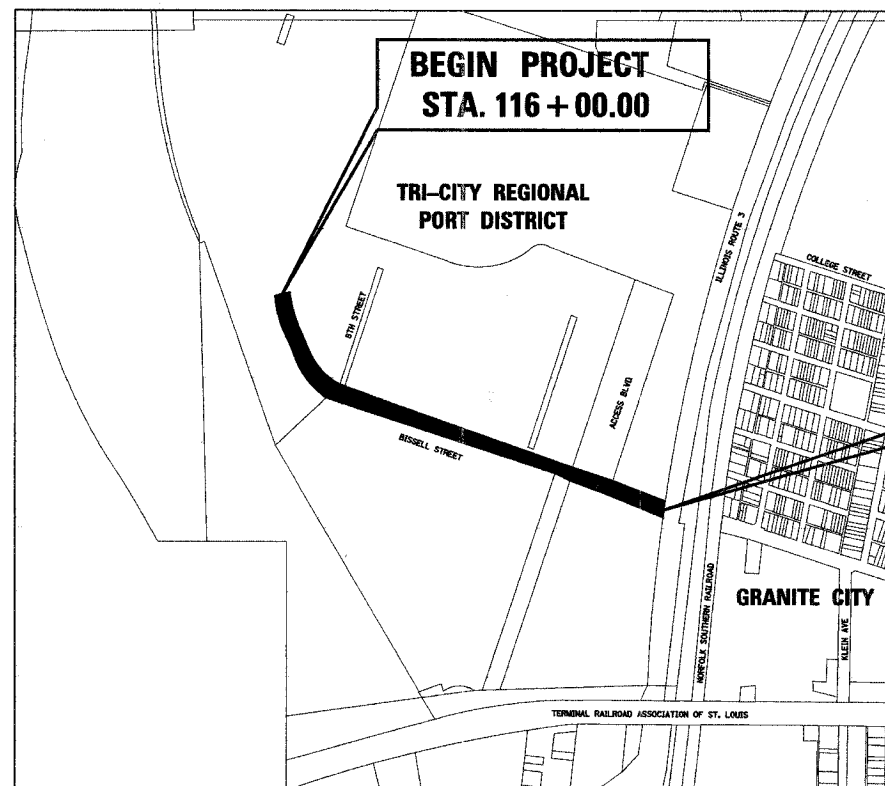


LOCATION OF SECTION INDICATED THUS: - ■ -

STANDARDS

STD. NO.	
000001-04	701422-01
001001-01	701602-02
001006	701701-04
280001-03	702001-06
420001-06	720001
420111-01	720006-01
420501-03	720011
420601-04	728001
420701-01	729001
482001-01	731001
482006-02	780001-01
542301-01	857001
602401-01	880006
602701-01	886001
606001-03	886006
606301-03	BLR 22-4
701311-02	

SCALES
 PLAN 1" = 20'
 PROFILE HORIZ. 1" = 20'
 PROFILE VERT. 1" = 5'
 CROSS SECTIONS 1" = 10' HORIZ.
 1" = 5' VERT.



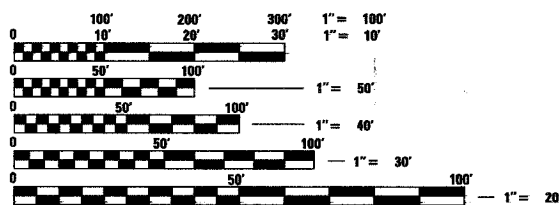
END PROJECT
STA. 147 + 30.89

LOCATION MAP

SCALE: 1" = 500'

NET LENGTH OF PROJECT: 3130.89 FEET - 0.593 MILES
SECTION 26 & 27, T. 3 N., R. 10 W., 3RD P.M.

MADISON COUNTY



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

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

DESIGN DESIGNATION
FUNCTIONAL CLASSIFICATION: LOCAL ROAD
ADT: 500 (2006) 8,400 (2026)
DRV (2026): 840
DESIGN SPEED: 30 MPH



Expires 11-30-07

Brian F. Kulick 5/29/07
BRIAN F. KULICK, P.E. No. 49936 DATE
(Printed by Authority of the State of Illinois)
Job No. 061300



Juneau Associates, Inc. P.C.
CONSULTING ENGINEERS AND LAND SURVEYORS
2100 State Street, P.O. Box 1325
Springfield, Illinois 62804
Phone: (618) 877-1400 / (618) 452-5535
Fax: (618) 452-5541
100 North Research Drive
Edwardsville, Illinois 62025
Phone: (618) 659-0900 / (618) 659-0800
Fax: (618) 659-0941

STATE OF ILLINOIS
Department of Transportation

Approved 5-29-07
Robert Woods
Executive Director, Tri-City Regional Port District

Passed 5-29-07
[Signature]
District 8 Engineer of Local Roads & Streets

Releasing for Bid
Based on Limited
Review 5-29-07
[Signature]
Deputy Director of Highways, Region 5 Engineer

GENERAL NOTES:

F.A.J.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9104	05-00001-00-WR	MADISON	102	2
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		

CONTRACT NO. 97314

LEGEND

	EVERGREEN (5" DIA)		FOUND CONCRETE MONUMENT		WATER LINE
	DECIDUOUS (8" DIA)		WATER METER		GAS LINE
	EVERGREEN SHRUB		GAS METER		OVERHEAD ELECTRIC LINE
	SHRUB		WATER VALVE		TELEPHONE LINE
	FIRE HYDRANT		GAS VALVE		CABLE TV LINE
	SIGN	(TBA)	TO BE ADJUSTED		STORM SEWER
	BOLLARD	(TBR)	TO BE REMOVED		SANITARY SEWER
	POWER POLE	(TBR&R)	TO BE REMOVED & RELOCATED		LIGHT POLE
	POWER POLE WITH DOWN GUY	(TBR&RBO)	TO BE REMOVED & RELOCATED BY OTHERS		STORM SEWER MANHOLE
	FENCE	DND	DO NOT DISTURB		SANITARY SEWER MANHOLE
	BENCHMARK		PROPERTY LINE		CATCH BASIN
	DITCH/SWALE		EXIST R.O.W. LINE		INLET
	EXISTING MAILBOX		WOOD POST		

BY	DATE
FINAL SURVEY PLOTTED	
NOTE BOOK TEMPLATE AREAS CHECKED	

BY	DATE
ORIGINAL SURVEY PLOTTED	
NOTE BOOK TEMPLATE AREAS CHECKED	

1. WHERE SECTION OR SUB-SECTION MARKERS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED OR COVERED UP. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.

2. ILLINOIS STATE LAW REQUIRES A 48-HR NOTICE BE GIVEN TO ALL UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-J.U.L.I.E. MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

*CITY OF GRANITE CITY STORM & SANITARY SEWER
2000 EDISON AVENUE
GRANITE CITY, ILLINOIS 62040
6181452-6200

*TRI-CITY REGIONAL PORT DISTRICT WATER AND STORM & SANITARY SEWER
1635 WEST FIRST STREET
GRANITE CITY, ILLINOIS 62040
6181877-8444

*THE CITY OF MADISON STREETS
615 MADISON AVENUE
MADISON, ILLINOIS 62060
6181451-4838

*AT&T TELEPHONE
203 GOETHE STREET FLOOR 2 1/2
COLLINSVILLE, ILLINOIS 62234
6181346-6489
ATTN: TOM BALECHEK

*CHARTER COMMUNICATIONS, INC. CABLE TV
210 WEST DIVISION STREET
MARYVILLE, ILLINOIS 62062
61881438-2427
ATTN: GARY WARREN

*AMERIN IP ELECTRIC
2600 NORTH CENTER STREET
P.O. BOX 378, MC 0-10
MARYVILLE, ILLINOIS 62062
6181346-1215
ATTN: BRIAN HOFF

*LEVEL 3 COMMUNICATIONS FIBER OPTIC
900 WALNUT STREET
SUITE 124
ST. LOUIS, MISSOURI 63102
314436-5541
ATTN: DAVE GRAY

*MCLEOD USA FIBER OPTIC
102 EAST SHEFER STREET
FORSYTH, ILLINOIS 62535
2177876-7194 EX.222
ATTN: ENGINEERING DEPT.

*SPRINT FIBER OPTIC
3815 RIVER ROAD
RIVERTON, ILLINOIS 62561
217553-6666
ATTN: JEFF BOOKER

*WITEL COMMUNICATIONS FIBER OPTIC
100 SOUTH CINCINNATI AVENUE
TULSA, OKLAHOMA 74103
9181547-8759
ATTN: RUSSELL RYAN

*360 NETWORKS FIBER OPTIC
401 JOY DRIVE
O'FALLON, ILLINOIS 62269
6181678-6488
ATTN: STEVE DUNDAR

(MEMBERS OF J.U.L.I.E. (800) 892-0123 ARE INDICATED BY *.
NON-J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY)

3. FOR UTILITY LOCATION PURPOSES, THIS PROJECT IS LOCATED IN THE CENTER SECTION 26 AND THE EAST 1/4 SECTION 27, TOWNSHIP 3 NORTH, RANGE 10 WEST OF THEIR THIRD PRINCIPAL MERIDIAN IN MADISON, ILLINOIS.

4. TREES SHALL BE PRESERVED THROUGH OUT THIS SECTION AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER.

5. REMOVAL OF AGGREGATE MATERIAL AND OIL AND CHIP BITUMINOUS MATERIAL SHALL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR 'EARTH EXCAVATION'.

6. THE CONTRACTOR SHALL BE REQUIRED TO PERFORM SAWCUTTING AT THE EXISTING PAVEMENT, EXISTING WIDENING, OR EXISTING SHOULDER EDGE THROUGHOUT THE PROJECT LIMITS IN ORDER TO PERFORM REMOVAL OPERATIONS. THIS SAWING WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE COST FOR THE REMOVAL ITEM INVOLVED.

7. CHANGES IN THE VERTICAL OR HORIZONTAL DIMENSIONS OF GUTTERS, CURBS, OR CURB AND GUTTERS, WHEN TRANSITIONS FROM ONE TYPE TO ANOTHER AS SHOWN IN THE PLANS, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR THE TYPE DESIGNATED IN THE PLAN SCHEDULE.

8. ALL AREAS DISTURBED FOR ANY REASON SHALL BE SEEDED WITH CLASS 1 SEEDING AND MULCH, AS DIRECTED BY THE ENGINEER. NUTRIENTS SHALL CONFORM TO ARTICLE 250.04 AND WILL BE PAID FOR SEPARATELY.

9. MULCH SHALL CONFORM TO SECTION 251 OF THE STANDARD SPECIFICATIONS. MULCH, UNLESS OTHERWISE PERMITTED BY THE ENGINEER, SHALL CONFORM TO METHOD 2 AS SPECIFIED IN ARTICLE 251.03(b).

10. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.

11. WHERE PROPOSED CONCRETE PAVEMENT OR PCC CURB AND GUTTER IS TO BE CONSTRUCTED ADJACENT TO EXISTING CONCRETE PAVEMENT OR PCC CURB AND GUTTER, THE CONTRACTOR SHALL DRILL AND GROUT NO. 6 X 30 EPOXY COATED TIE BARS AT 30" CENTERS. THE CONTRACTOR SHALL ALSO INSTALL NO. 6 X 30 EPOXY COATED TIE BARS ALONG THE PROPOSED LONGITUDINAL CONSTRUCTION JOINT AS SHOWN IN THE TYPICAL SECTIONS AT 30" CENTERS. THE COST OF THIS WORK SHALL BE INCLUDED IN THE CONTRACT AND NO EXTRA COMPENSATION WILL BE ALLOWED.

12. THE CONTRACTOR SHALL BE REQUIRED TO REMOVE ALL BOLLARDS AND POSTS WITHIN THE CONSTRUCTION LIMITS. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF EARTH EXCAVATION.

13. SIGNS THAT ARE TO BE REMOVED AND NOT RELOCATED SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF EARTH EXCAVATION. SIGNS SHALL BE STOCKPILED AND RETURNED TO THE TRI-CITY REGIONAL PORT DISTRICT.

14. STRAW BALES, HAY BALES, PERIMETER EROSION BARRIER AND SILT FENCES WILL NOT BE PERMITTED FOR TEMPORARY OR PERMANENT DITCH CHECKS. DITCH CHECKS SHALL BE COMPOSE OF AGGREGATE, SILT PANELS, ROLLED EXCELSIOR, URETHANE FOAM/GEOTEXTILE (SILT WEDGES), EARTH MEDIAN AND/OR ANY OTHER MATERIAL APPROVED BY THE EROSION AND SEDIMENT CONTROL COORDINATOR.

15. THE STANDARDS AND REVISION NUMBERS LISTED SHALL APPLY TO THIS PROJECT.

16. "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE PLACED AT THE BEGINNING AND END OF THE PROJECT PLUS THE INTERSECTING SIDE ROADS, AND WILL BE CONSIDERED INCLUDED IN THE TRAFFIC CONTROL PAY ITEMS. ALL CONSTRUCTION SIGNS SHALL BE FLUORESCENT ORANGE, 48" x 48".

17. AN ESTIMATED QUANTITY OF 250 TONS OF AGGREGATE FOR TEMPORARY ACCESS HAS BEEN INCLUDED IN THIS CONTRACT FOR THE PURPOSE OF MAINTAINING ACCESS TO PRIVATE PROPERTY AND SIDE ROADS THROUGH CONSTRUCTION OPERATIONS DURING THIS CONTRACT.

18. ALL EXCAVATED AREAS DUE TO RECONSTRUCTION OPERATIONS SHALL BE PROTECTED WITH EXTENDED LEG BARRICADES WITH APPROPRIATE LIGHTS. THIS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE CONTRACT.

19. CAST IRON STEPS SHALL BE INSTALLED IN ALL DRAINAGE STRUCTURES AS SPECIFIED IN ARTICLE 602.08.

20. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AN ON-SITE INSPECTION PRIOR TO SUBMITTING A BID ON THIS PROJECT. UPON RECEIPT OF A BID, IT SHALL BE ASSUMED THAT THE CONTRACTOR IS FULLY FAMILIAR WITH THE CONSTRUCTION SITE.

22. OPEN STOCKPILING OF BITUMINOUS MIXTURES AT TRANSFER POINTS, WHETHER JOB SITE OR PLANT SITE, WILL NOT BE PERMITTED.

23. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE FIRE DEPARTMENT AND POLICE DEPARTMENT OF THE RESPECTIVE MUNICIPALITY ANY TIME NORMAL TRAFFIC FLOW ON ANY STREET OR ROAD IS TO BE INTERRUPTED, HOWEVER BRIEFLY.

24. THE CONTRACTOR SHALL ENSURE THAT THE TWO LANES OF NORTHBOUND AND SOUTHBOUND ILLINOIS ROUTE 3 REMAIN OPEN DURING PEAK HOURS 6:00 AM TO 9:00 AM AND 3:00 PM TO 6:00 PM.

25. THE CONTRACTOR MUST SUBMIT A LANE CLOSURE REQUEST FOR ILLINOIS ROUTE 3 TO THE ENGINEER NO LATER THAN 72 HOURS PRIOR TO THE REQUESTED LANE CLOSURE. THE ENGINEER SHALL FILE THIS REQUEST WITH IDOT NO LATER THAN 24 HOURS PRIOR TO THE REQUESTED CLOSURE.

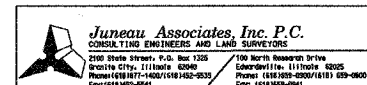
CITY OF MADISON POLICE DEPARTMENT 618-876-4300 (NON-EMERGENCY)

CITY OF MADISON FIRE DEPARTMENT 618-876-7287 (NON-EMERGENCY)

MADISON COUNTY POLICE DEPARTMENT 618-692-4433 (NON-EMERGENCY)

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

BISSELL STREET, ILLINOIS ROUTE 3					
MIXTURE USE	SURFACE	LEV BINDER	BINDER	SHOULDERS	INCIDENTAL
AC/PG	PG 64-22	PG 64-22	PG 64-22	PG 58-22	PG 64-22
RAP % (MAX)	10	10	15	30	10
DESIGN AIR VOIDS	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=70	2.0% @ Ndes=30	4.0% @ Ndes=70
MIX COMPOSITION			IL 19.0		
(GRADATION MIXTURE)					
FRICITION AGG	MIXTURE C	MIXTURE C	MIXTURE B	BAM	MIXTURE C



GENERAL NOTES

BISSELL STREET
ROADWAY IMPROVEMENTS
MADISON, ILLINOIS

REVISIONS			
NO.	DATE	BY	REMARKS

SCALE: N.T.S.			
DSN. BY: BFK	DATE: 1/19/07	SHEET	
DRAWN BY: DAN	DATE: 1/19/07	2	
CHECKED: BFK	DATE: 1/19/07		
DWG. NO.	JOB NO. E061300	DGN. NAME: GENNOTE	OF 102 SHTS

SUMMARY OF QUANTITIES

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9104 05-00001-00-WR	MADISON	102	3	
FED. ROAD DIST. NO. - ILLINOIS		FED. AID PROJECT		
CONTRACT NO. 97914				

SUMMARY OF QUANTITIES

CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY
20200100	EARTH EXCAVATION	CU YD	6985
20800150	TRENCH BACKFILL	CU YD	440
25000100	SEEDING, CLASS 1	ACRE	3
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	290
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	290
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	290
25100115	MULCH, METHOD 2	ACRE	3
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	300
28000300	TEMPORARY DITCH CHECKS	EACH	38
28000400	PERIMETER EROSION BARRIER	FOOT	736
28000500	INLET AND PIPE PROTECTION	EACH	10
28100707	STONE DUMPED RIPRAP, CLASS A4	SQ YD	310
28200200	FILTER FABRIC	SQ YD	310
30200650	PROCESSING MODIFIED SOIL 12"	SQ YD	14319
30201700	PORTLAND CEMENT	TON	644
31100300	SUB-BASE GRANULAR MATERIAL, TYPE A 4"	SQ YD	13503
35102400	AGGREGATE BASE COURSE, TYPE B 12"	SQ YD	310
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	478
40603315	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70	TON	126
42000501	PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)	SQ YD	12012
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	250
42001200	PAVEMENT FABRIC	SQ YD	12012
42001300	PROTECTIVE COAT	SQ YD	12868
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	105
44000100	PAVEMENT REMOVAL	SQ YD	7849
44000300	CURB REMOVAL	FOOT	293
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1241
44002805	ISLAND REMOVAL	SQ FT	385
44003100	MEDIAN REMOVAL	SQ FT	940
48203100	HOT-MIX ASPHALT SHOULDERS	TON	1430
50105220	PIPE CULVERT REMOVAL	FOOT	515

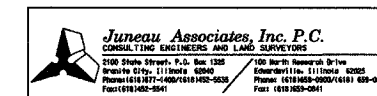
* SPECIALTY ITEMS

SUMMARY OF QUANTITIES

CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY
54207153	PIPE CULVERTS, TYPE I, REINFORCED CONCRETE ELLIPTICAL, EQUIVALENT ROUND - SIZE 18"	FOOT	214
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTION, 15"	EACH	1
54213693	PRECAST REINFORCED CONCRETE FLARED END SECTION, 48"	EACH	1
54213705	PRECAST REINFORCED CONCRETE FLARED END SECTION, 60"	EACH	1
54214713	PRECAST REINFORCED CONCRETE FLARED END SECTION - ELLIPTICAL, EQUIVALENT ROUND - SIZE 18"	EACH	8
55019600	STORM SEWERS, TYPE 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS IV 15"	FOOT	118
55019900	STORM SEWERS, TYPE 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS IV 24"	FOOT	63
55020500	STORM SEWERS, TYPE 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS II 48"	FOOT	64
55020700	STORM SEWERS, TYPE 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS I 60"	FOOT	72
60242900	INLETS, SPECIAL, TYPE 1	EACH	2
60243000	INLETS, SPECIAL, TYPE 2	EACH	2
60243100	INLETS, SPECIAL, TYPE 3	EACH	2
60500060	REMOVING INLETS	EACH	4
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	719
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	750
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	3067
63200310	GUARDRAIL REMOVAL	FOOT	141
66410300	CHAIN LINK FENCE REMOVAL	FOOT	545
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	10
67100100	MOBILIZATION	L SUM	1
70103700	TRAFFIC CONTROL COMPLETE	L SUM	1
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	284
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	371
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	12697
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	464

SUMMARY OF QUANTITIES

CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	761
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	159
* 70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	3917
* 72000100	SIGN PANEL - TYPE 1	SQ FT	66
72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	29
72900200	METAL POSTS - TYPE B	FOOT	122
* 73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EACH	3
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	1586
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	183
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	33
* 78003100	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LETTERS AND SYMBOLS	SQ FT	371
* 78003150	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 12"	FOOT	102
* 78003180	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 24"	FOOT	159
* 78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	11111
* 78008240	POLYUREA PAVEMENT MARKING TYPE I - LINE 8"	FOOT	281
* 78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	626
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	118
* 78200300	PRISMATIC CURB REFLECTOR	EACH	26
* 78300100	PAVEMENT MARKING REMOVAL	SQ FT	100
* 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1006
* 88600100	DETECTOR LOOP, TYPE I	FOOT	542
* 89502100	REBUILD EXISTING SIGNAL HEAD	EACH	3
* 89502200	MODIFY EXISTING CONTROLLER	EACH	1
* 89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	703
XX000714	FENCE TO BE REMOVED AND RE-ERECTED	FOOT	215
* X7800100	PAINT PAVEMENT MARKING - RAISED MEDIAN	SQ FT	69
* X7800200	PAINT PAVEMENT MARKING CURB	FOOT	749



SUMMARY OF QUANTITIES

**BISSELL STREET
MADISON, ILLINOIS
SECTION No. 05-00061-00-WR**

REVISIONS			
NO.	DATE	BY	REMARKS

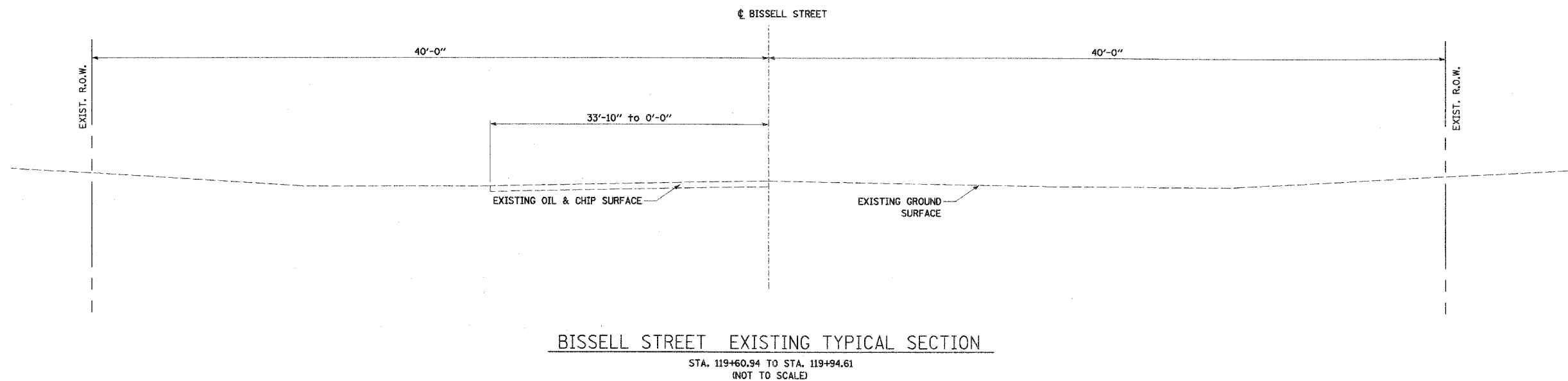
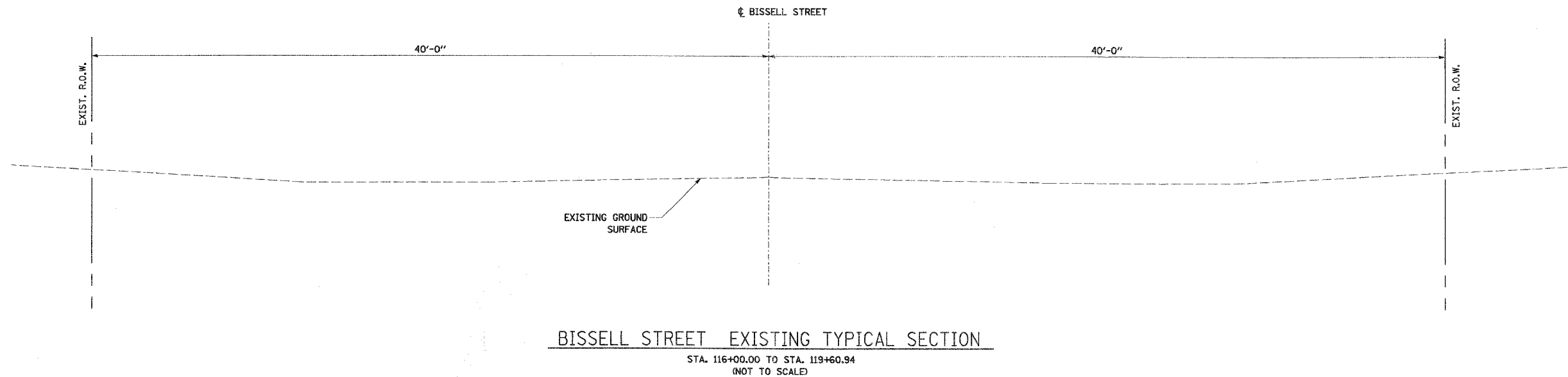
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DSN. BY: BFK	DATE: 1/19/07	SHEET	
DWN. BY: JDH	DATE: 1/19/07	3	
CHK'D: BFK	DATE: 1/19/07		
JOB NO. E061300		DGN. NAME: SUNQTY OF 102 SHTS	

BY	DATE	DATE	DATE

BY	DATE	DATE	DATE


NO.	DATE	BY	DATE

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9104	05-00001-00-WR	MADISON	102	4
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 97314				

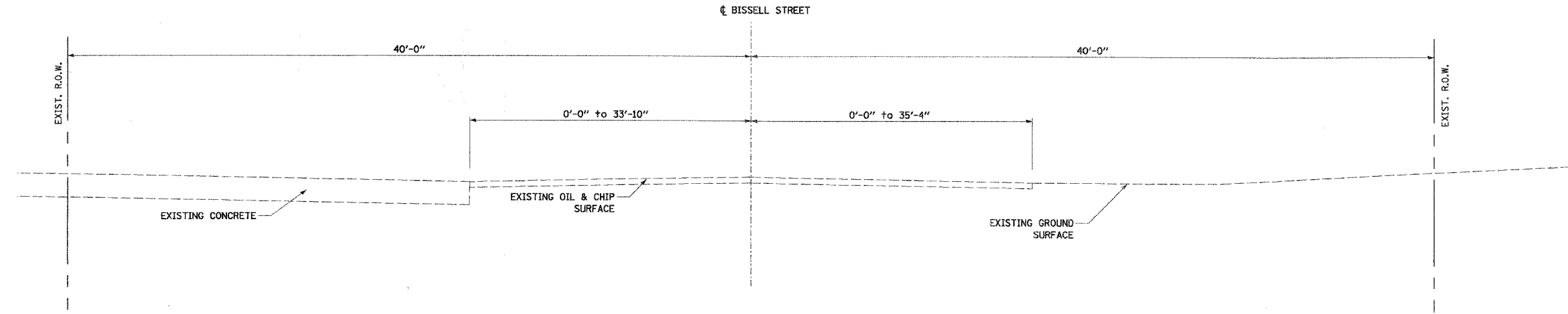


FINAL SURVEY PLOTTED	BY	DATE
NOTE BOOK TEMPLATE		
AREAS CHECKED		
NO.		

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

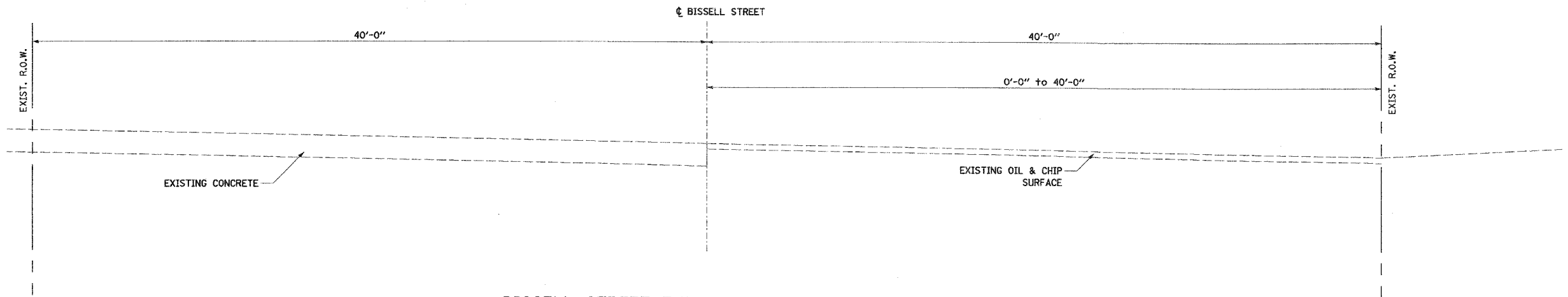
 Juneau Associates, Inc. P.C. CONSULTING ENGINEERS AND LAND SURVEYORS <small>2109 State Street, P.O. Box 1325 Granite City, Illinois 62040 Phone: (618) 267-1422/1423-2531 Fax: (618) 452-2541</small>		EXISTING TYPICAL SECTIONS BISSELL STREET GRANITE CITY, ILLINOIS SECTION No. 05-00001-00-WR																	
REVISIONS <table border="1"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>BY</th> <th>REMARKS</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>		NO.	DATE	BY	REMARKS													SCALE: N.T.S. DSN. BY: BFK DATE: 1/19/07 DWN. BY: JDH DATE: 1/19/07 CHK'D: BFK DATE: 1/19/07 DWG. NO.	
NO.	DATE	BY	REMARKS																
JOB NO. ED61300 DGN. NAME: TYP-EX OF 102 SHTS		SHEET 4																	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9104	05-00001-00-WR	MADISON	102	5
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 87814				



BISSELL STREET EXISTING TYPICAL SECTION

STA. 119+94.61 TO STA. 120+19.48
 STA. 122+20.75 TO STA. 123+19.29
 (NOT TO SCALE)



BISSELL STREET EXISTING TYPICAL SECTION

STA. 120+19.48 TO STA. 120+44.05
 STA. 121+01.85 TO STA. 122+20.75
 (NOT TO SCALE)

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

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

Juneau Associates, Inc. P.C.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 2160 North Street, P.O. Box 1325
 Granite City, Illinois 62040
 Phone: (618) 937-4400 / (618) 937-4500
 Fax: (618) 937-0541
 100 North Research Drive
 Edwardsville, Illinois 62025
 Phone: (618) 398-0001 / (618) 398-0002
 Fax: (618) 398-0941

EXISTING TYPICAL SECTIONS
 BISSELL STREET
 GRANITE CITY, ILLINOIS
 SECTION No. 05-00001-00-WR

REVISIONS			
NO.	DATE	BY	REMARKS

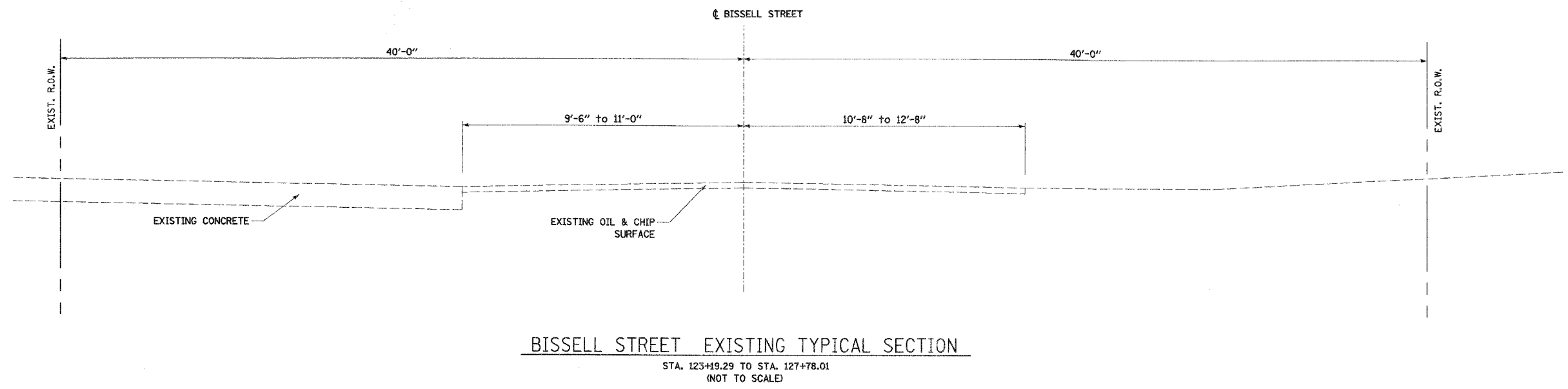
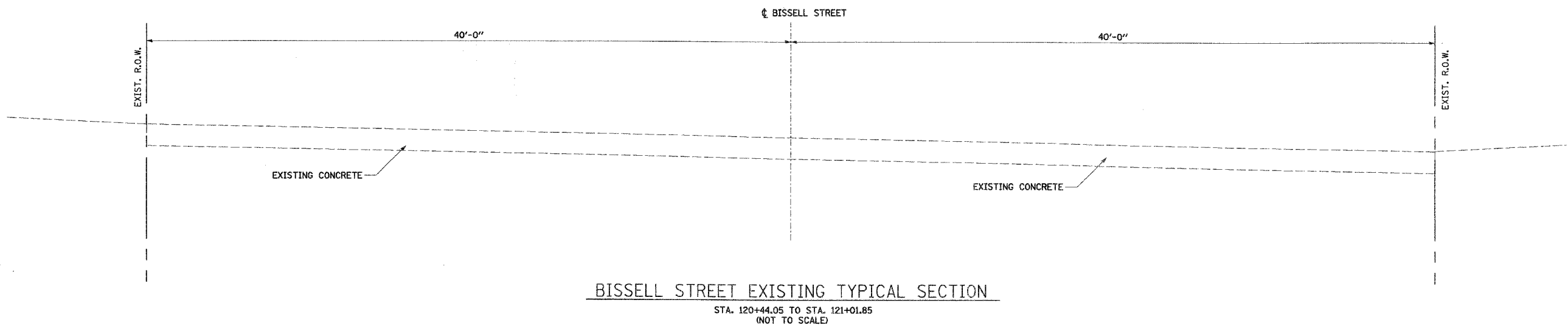
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DWN. BY:	JDH	DATE:	1/19/07
CHKD:	BFK	DATE:	1/19/07
DWG. NO.	JOB NO. E061300	DGN. NAME:	TYP-EX
			OF 102 SHTS

SHEET
5

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9104	05-00001-00-WR	MADISON	102	6
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 57314				

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

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



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2100 State Street, P.O. Box 1325
Granite City, Illinois 62040
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Fax: (618) 342-2041
100 North Research Drive
Edwardsville, Illinois 62025
Phone: (618) 468-0900 / (618) 458-0800
Fax: (618) 399-0941

EXISTING TYPICAL SECTIONS
BISSELL STREET
GRANITE CITY, ILLINOIS
SECTION No. 05-00001-00-WR

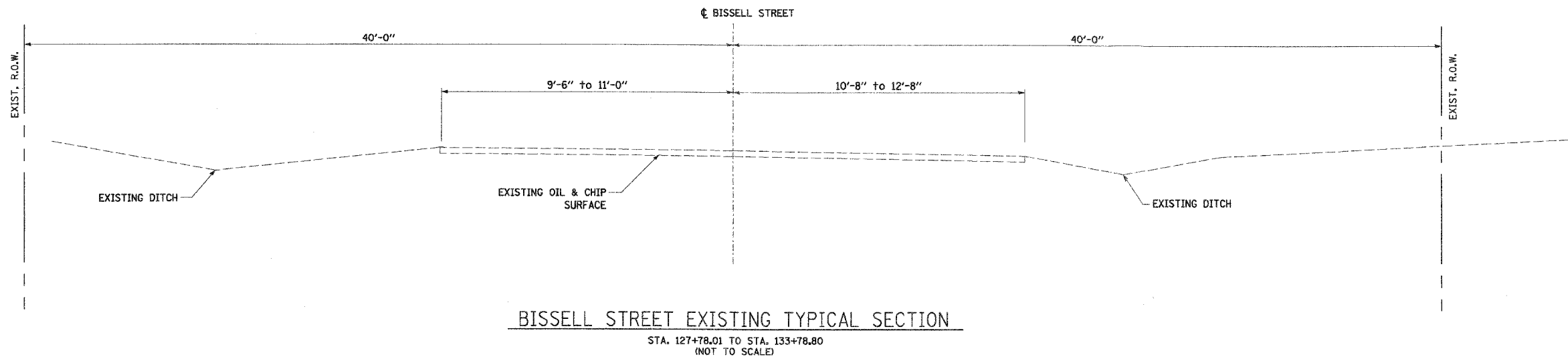
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NO.	DATE	BY	REMARKS

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DWG. NO.	JOB NO. E061300	DGN. NAME:	TYP-EX
			OF 102 SHTS

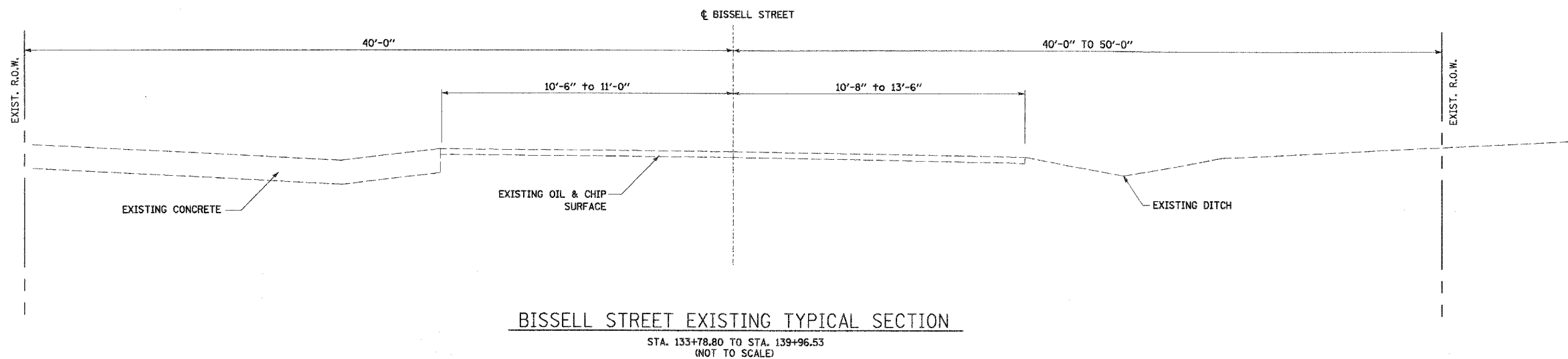
SHEET
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9104	05-00001-00-WR	MADISON	102	7
FED. ROAD DIST. NO. _		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 87314				

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



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



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1100 State Street, P.O. Box 1120 / 100 North Riverside Drive
Granite City, Illinois 62040 / Edwardsville, Illinois 62025
Phone: (618) 877-1400 / (618) 462-9531 / Phone: (618) 629-2800 / (618) 699-0860
Fax: (618) 462-0241 / Fax: (618) 309-0441

EXISTING TYPICAL SECTIONS

BISSELL STREET
GRANITE CITY, ILLINOIS
SECTION No. 05-00001-00-WR

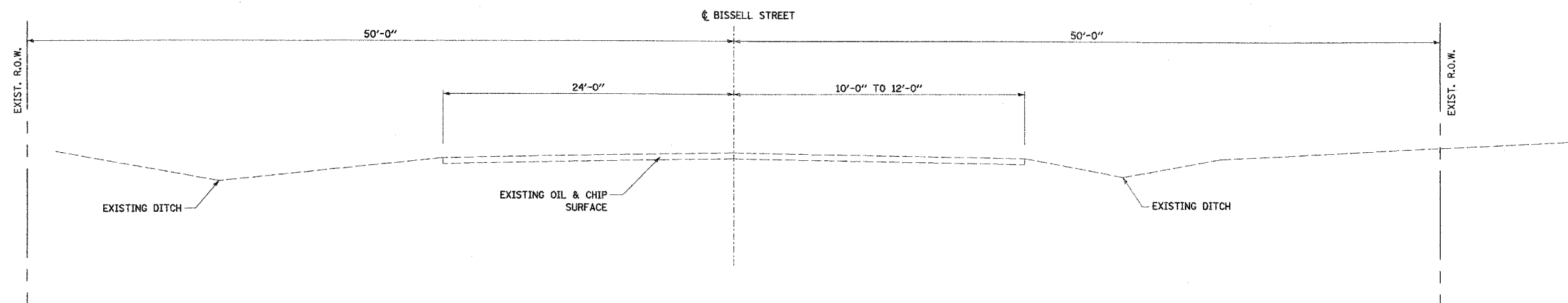
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NO.	DATE	BY	REMARKS

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DWN. BY:	JDH	DATE:	1/19/07
CHK'D:	BFK	DATE:	1/19/07
DWG. NO.	EO61300	DGN. NAME:	TYP-EX
			OF 102 SHTS

SHEET
7

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		
CONTRACT NO. 97914				

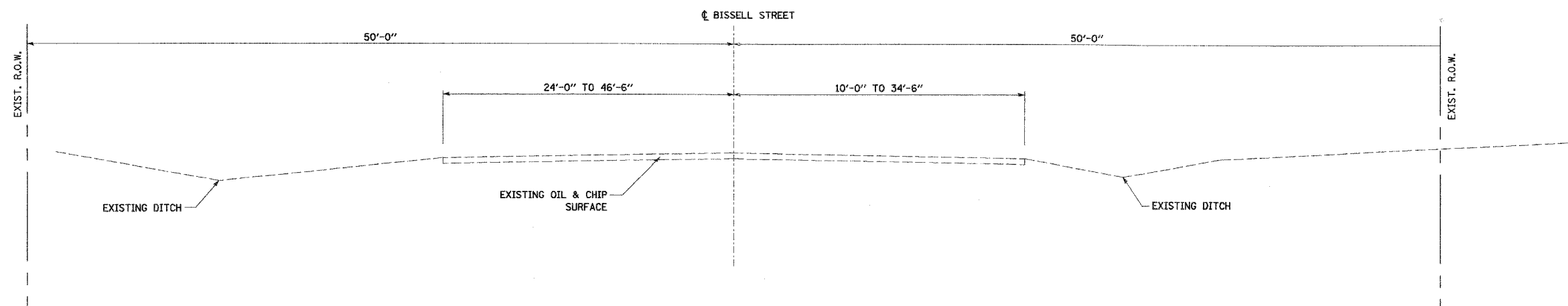
FINAL SURVEYED	BY	DATE
SURVEY PLOTTED		
NOTE BOOK TEMPLATE		
AREAS CHECKED		
NO.		



BISSELL STREET EXISTING TYPICAL SECTION

STA. 139+96.53 TO STA. 142+71.47
(NOT TO SCALE)

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



BISSELL STREET EXISTING TYPICAL SECTION

STA. 142+71.47 TO STA. 144+22.34
(NOT TO SCALE)

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Fax: (618) 452-6541

100 North Research Drive
Granite City, Illinois 62040
Phone: (618) 383-2800 / (618) 885-0800
Fax: (618) 383-0441

EXISTING TYPICAL SECTIONS

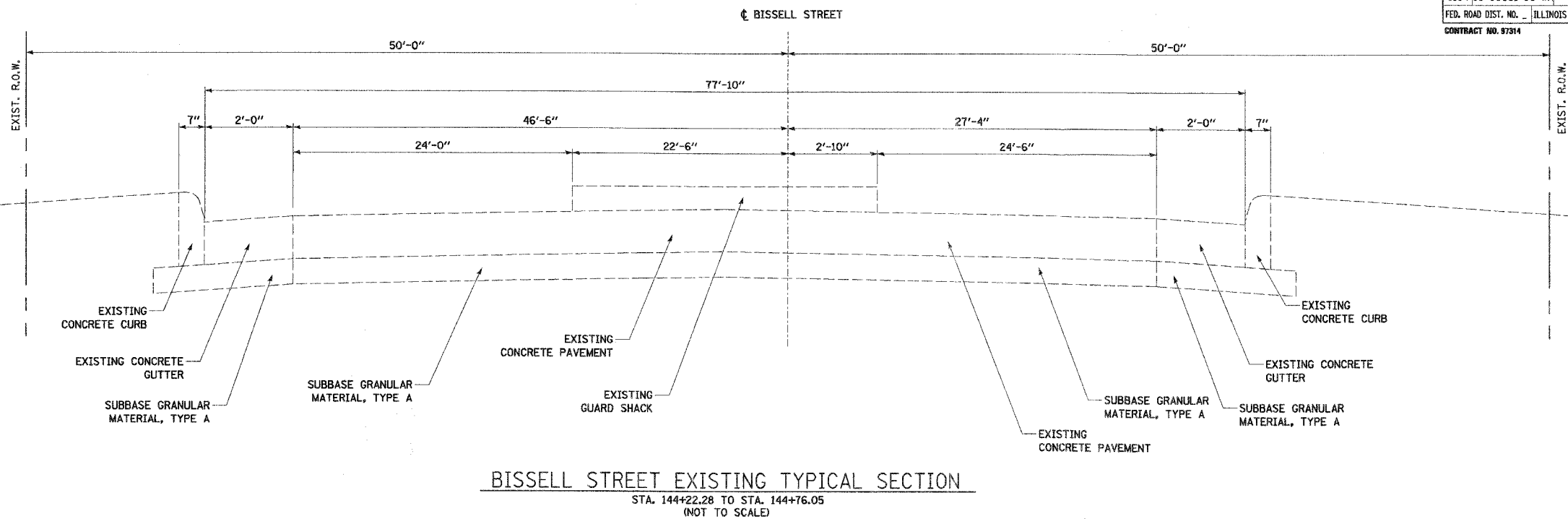
**BISSELL STREET
GRANITE CITY, ILLINOIS
SECTION No. 05-00001-00-WR**

REVISIONS			
NO.	DATE	BY	REMARKS

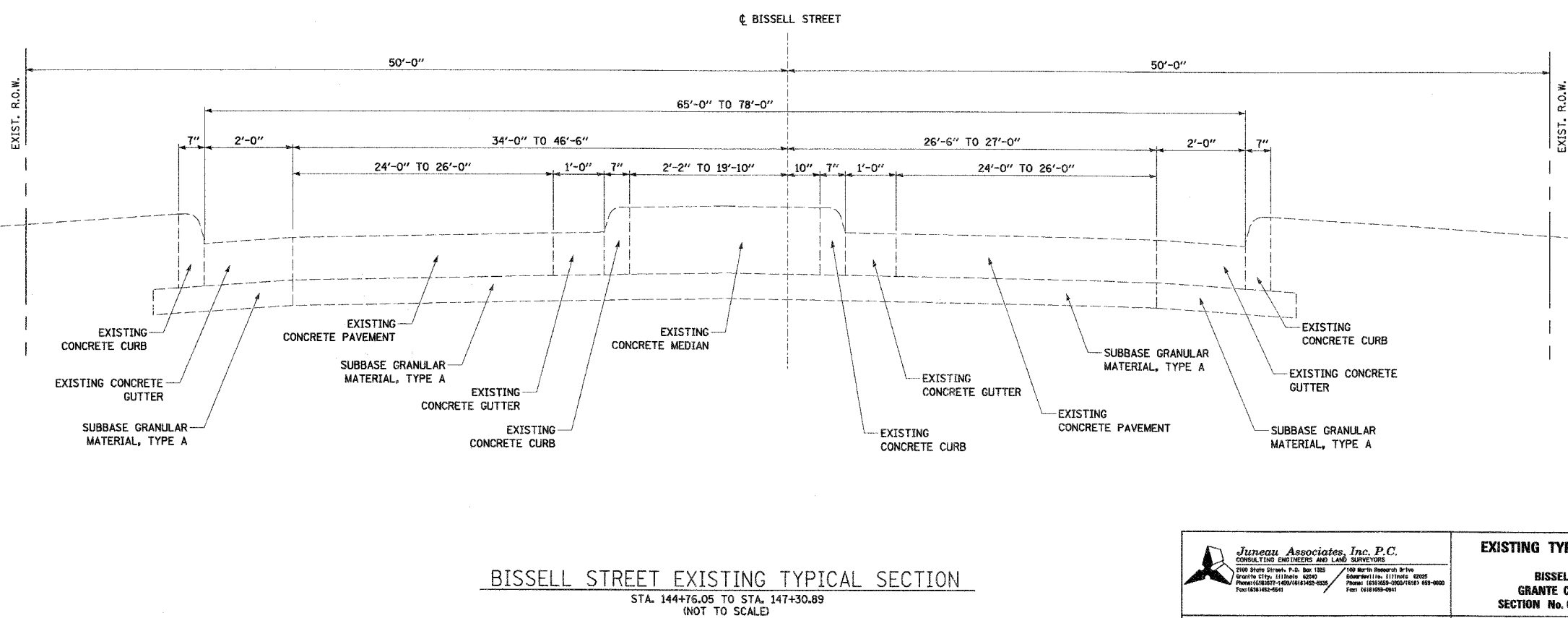
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DSN. BY:	BFK DATE: 1/19/07
DWN. BY:	JDH DATE: 1/19/07
CHK'D:	BFK DATE: 1/19/07
DWG. NO.	JOB NO. E061300 DGN. NAME: TYP-EX OF 102 SHTS

SHEET
8

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



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



Juneau Associates, Inc. P.C.
CONSULTING ENGINEERS AND LAND SURVEYORS
2100 State Street, P.O. Box 1325
Granite City, IL 62041
Phone: (618) 227-1400 / (618) 1452-9532
Fax: (618) 452-9541

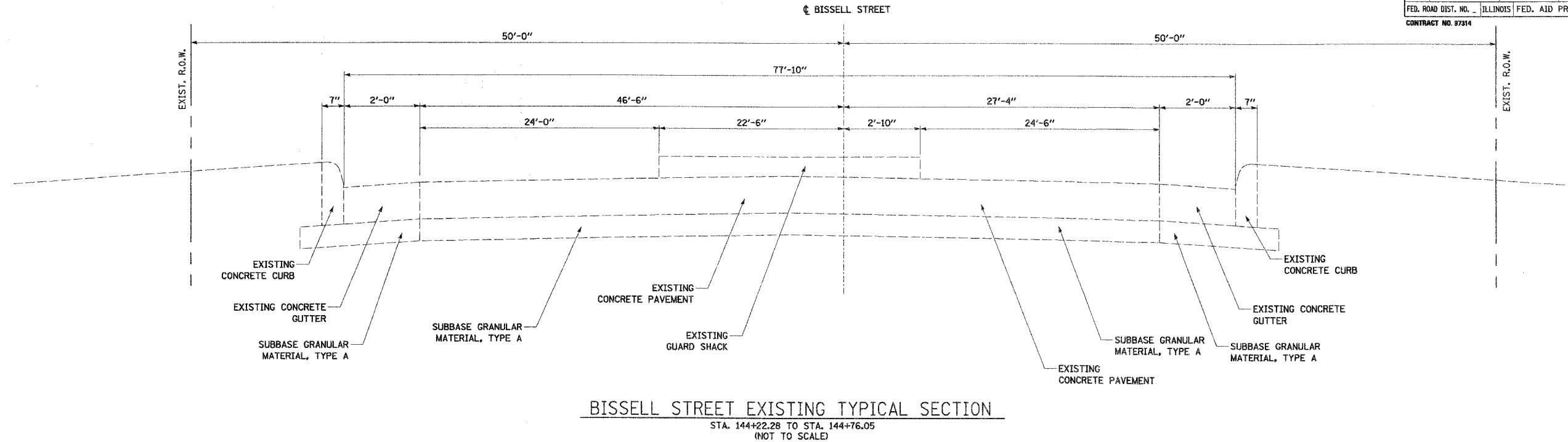
EXISTING TYPICAL SECTIONS
BISSELL STREET
GRANITE CITY, ILLINOIS
SECTION No. 05-0001-00-WR

REVISIONS			
NO.	DATE	BY	REMARKS

SCALE:	N.T.S.
DSN. BY:	BFK
DATE:	1/19/07
DWN. BY:	JDH
DATE:	1/19/07
CHK'D:	BFK
DATE:	1/19/07
DWG. NO.	JOB NO. E061300 DGN. NAME: TYP-EX OF 102 SHTS

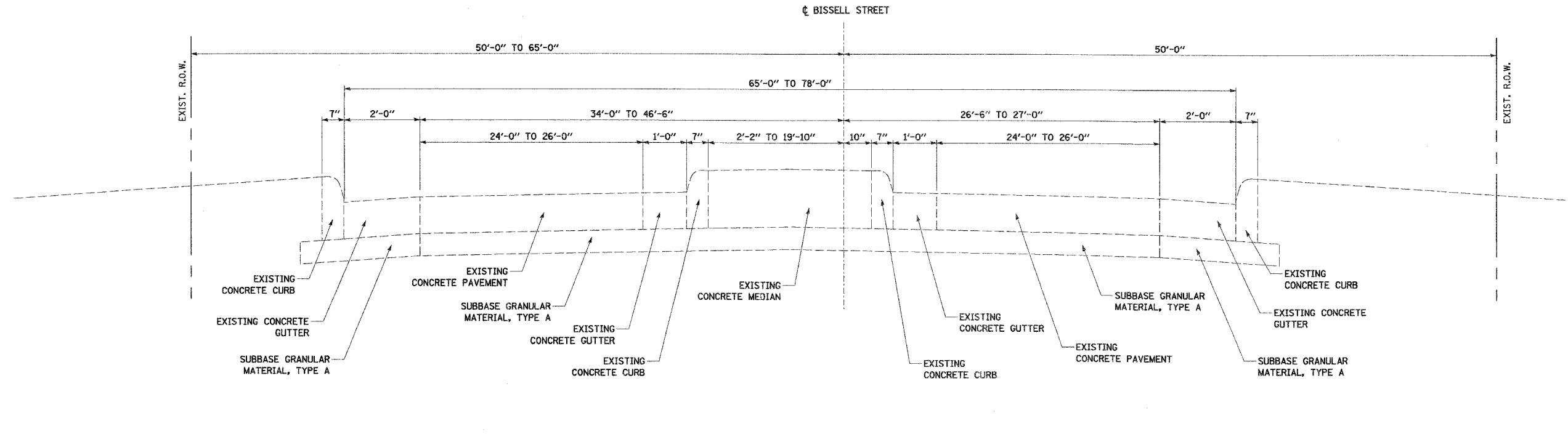
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9104 05-00001-00-WR		MADISON	102	10
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 87314				

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



BISSELL STREET EXISTING TYPICAL SECTION
 STA. 144+22.28 TO STA. 144+76.05
 (NOT TO SCALE)

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

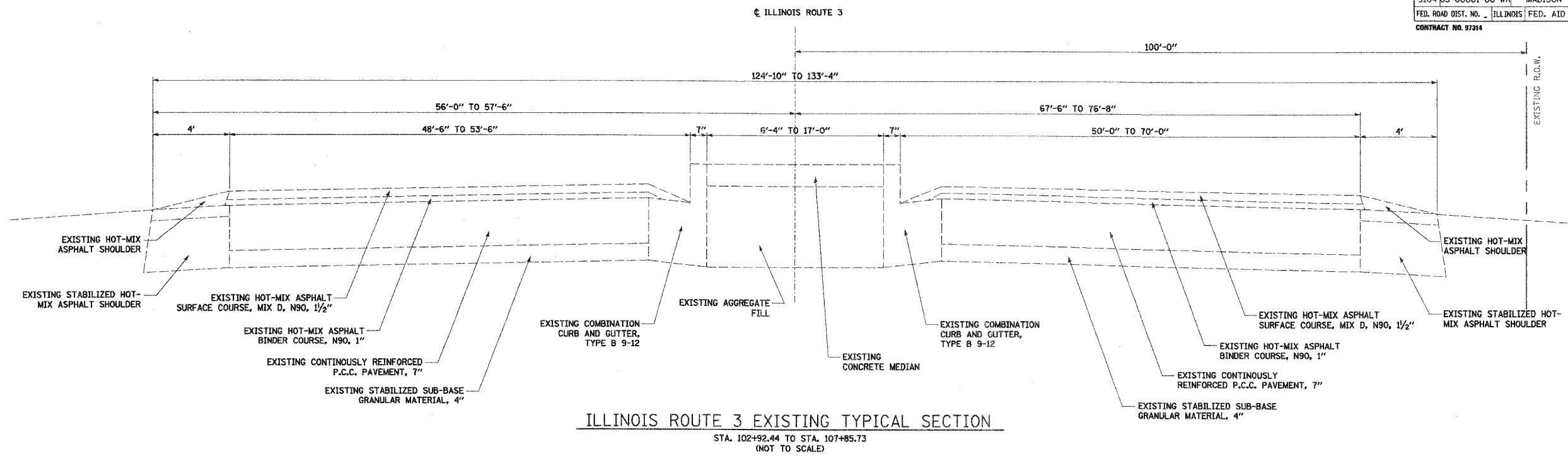


BISSELL STREET EXISTING TYPICAL SECTION
 STA. 144+76.05 TO STA. 147+30.89
 (NOT TO SCALE)

<p>Juneau Associates, Inc. P.C. CONSULTING ENGINEERS AND LAND SURVEYORS 2100 State Street, P.O. Box 1325 Granite City, Illinois 62040 Phone: (618) 957-6500 / (618) 957-5135 Fax: (618) 957-0841</p>		<p align="center">EXISTING TYPICAL SECTIONS</p> <p align="center">BISSELL STREET GRANITE CITY, ILLINOIS SECTION No. 05-00001-00-WR</p>																												
<table border="1"> <thead> <tr> <th colspan="4">REVISIONS</th> </tr> <tr> <th>NO.</th> <th>DATE</th> <th>BY</th> <th>REMARKS</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>		REVISIONS				NO.	DATE	BY	REMARKS													<p>SCALE: N.T.S.</p> <table border="1"> <tr> <td>DSN. BY: BFK</td> <td>DATE: 1/19/07</td> <td rowspan="3">SHEET 10</td> </tr> <tr> <td>DWN. BY: JOH</td> <td>DATE: 1/19/07</td> </tr> <tr> <td>CHKD: BFK</td> <td>DATE: 1/19/07</td> </tr> </table>		DSN. BY: BFK	DATE: 1/19/07	SHEET 10	DWN. BY: JOH	DATE: 1/19/07	CHKD: BFK	DATE: 1/19/07
REVISIONS																														
NO.	DATE	BY	REMARKS																											
DSN. BY: BFK	DATE: 1/19/07	SHEET 10																												
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CHKD: BFK	DATE: 1/19/07																													
<p>DWG. NO.</p>		<p>JOB NO. E061300 DGN. NAME: TYP-EX OF 102 SHTS</p>																												

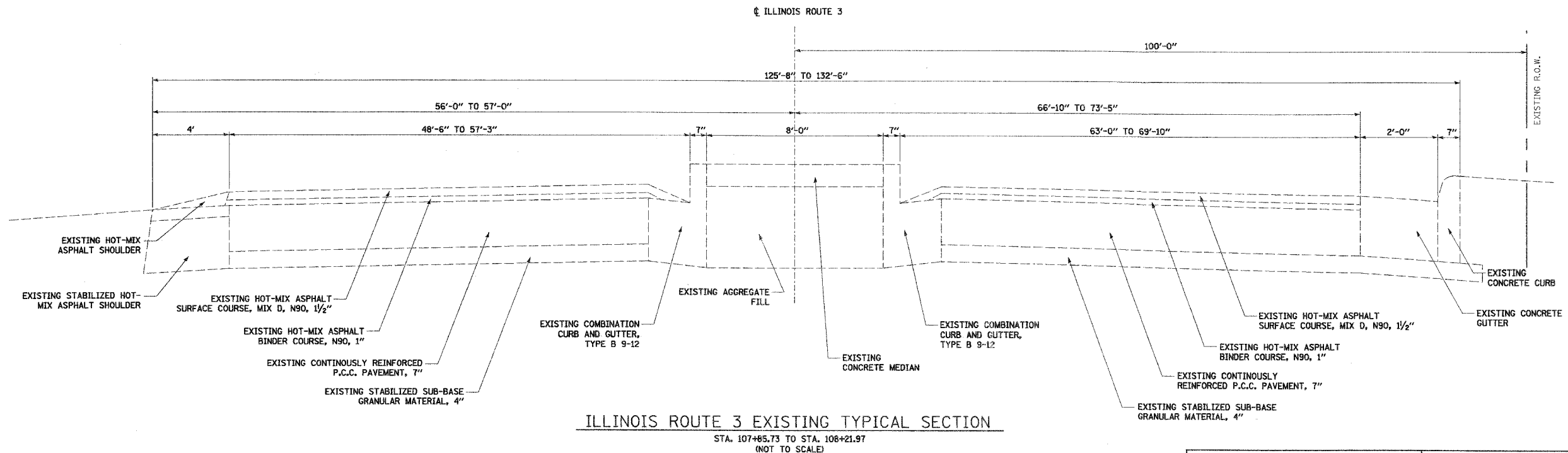
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9104	05-00001-00-WR	MADISON	102	11
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 97314				

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



ILLINOIS ROUTE 3 EXISTING TYPICAL SECTION
 STA. 102+92.44 TO STA. 107+85.73
 (NOT TO SCALE)

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



ILLINOIS ROUTE 3 EXISTING TYPICAL SECTION
 STA. 107+85.73 TO STA. 108+21.97
 (NOT TO SCALE)

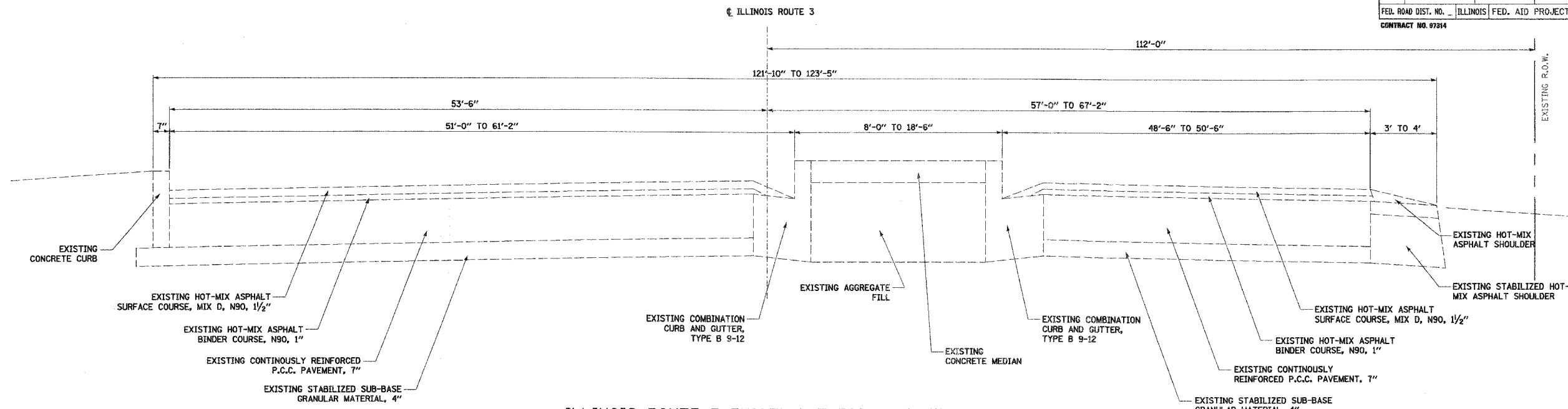
Juneau Associates, Inc. P.C.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 2100 State Street, P.O. Box 1125
 Springfield, Illinois 62761
 Phone: (618) 287-1800 / (618) 482-8836
 Fax: (618) 482-8841

EXISTING TYPICAL SECTIONS
 BISSELL STREET
 MADISON, ILLINOIS
 SECTION No. 05-00001-00-WR

REVISIONS			
NO.	DATE	BY	REMARKS

SCALE: N.T.S.			
DSN. BY:	BFK	DATE:	12/21/06
DWN. BY:	JDH	DATE:	12/21/06
CHK'D:	BFK	DATE:	12/21/06
DWG. NO.	E061300	DGN. NAME:	TYP-EX
		OF 102 SHTS	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9104 05-00001-00-WR		MADISON	102	12
FED. ROAD DIST. NO. - ILLINOIS		FED. AID PROJECT		
CONTRACT NO. 07314				



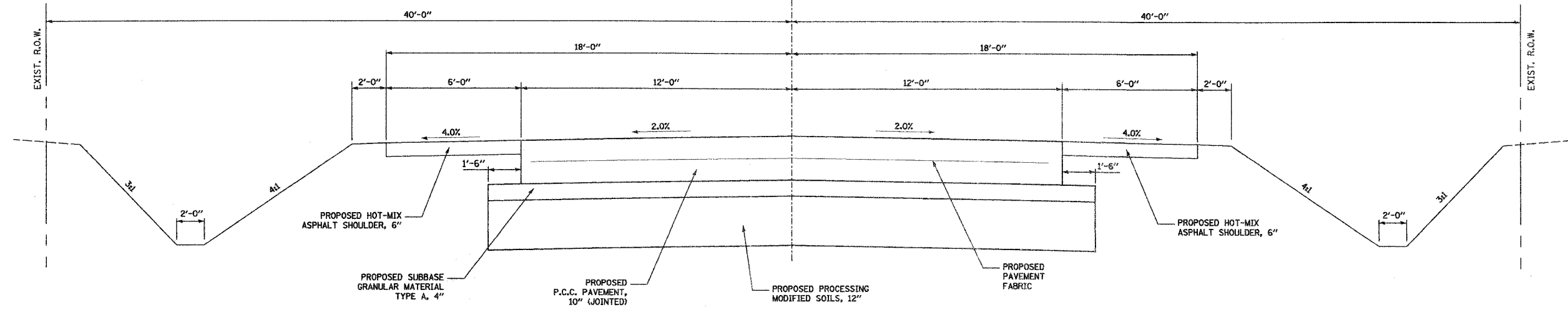
ILLINOIS ROUTE 3 EXISTING TYPICAL SECTION
 STA. 111+87.85 TO STA. 114+52.31
 (NOT TO SCALE)

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

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

<p>Juneau Associates, Inc. P.C. CONSULTING ENGINEERS AND LAND SURVEYORS 2100 State Street, P.O. Box 1325 Madison, WI 53703-1325 Phone: (608) 277-1400 / (608) 242-9535 Fax: (608) 442-0541</p>		<p>EXISTING TYPICAL SECTIONS</p> <p>BISSELL STREET MADISON, ILLINOIS SECTION No. 05-00001-00-WR</p>									
<p>REVISIONS</p> <table border="1"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>BY</th> <th>REMARKS</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>		NO.	DATE	BY	REMARKS					<p>SCALE: N.T.S.</p>	
NO.	DATE	BY	REMARKS								
<p>DWG. NO.</p>		<p>DSN. BY: BFK DATE: 12/21/06</p> <p>DWN. BY: JDH DATE: 12/21/06</p> <p>CHK'D: BFK DATE: 12/21/06</p>									
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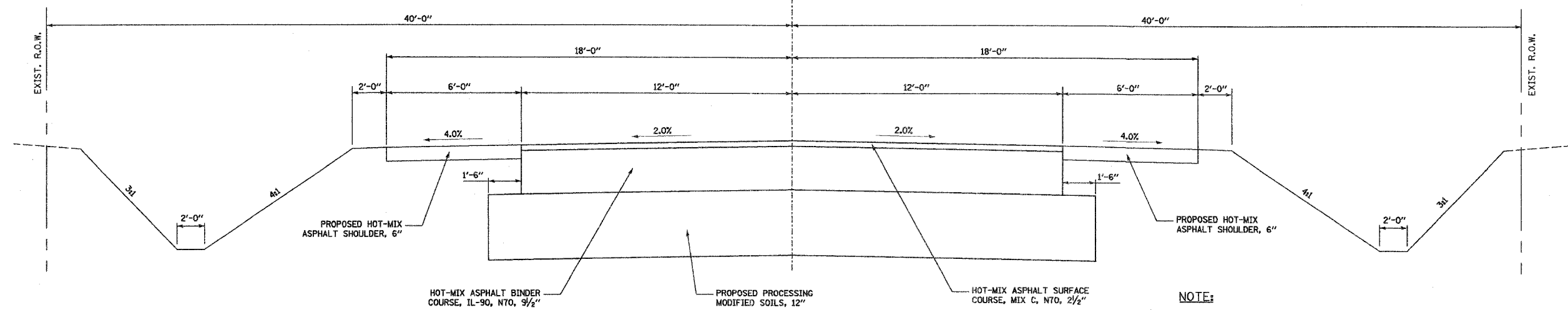
☪ BISSELL STREET



BISSELL STREET PROPOSED TYPICAL SECTION

STA. 124+07.29 TO STA. 133+05.77
N.T.S.

☪ BISSELL STREET



BISSELL STREET PROPOSED TYPICAL SECTION

STA. 133+21.77 TO STA. 133+51.95
N.T.S.

NOTE:

1. MAXIMUM TRANSVERSE JOINT SPACING FOR 10" P.C.C. PAVEMENT IS 15.0'.

NOTE:

1. MAXIMUM TRANSVERSE JOINT SPACING FOR 10" P.C.C. PAVEMENT IS 15.0'.

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

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

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CONSULTING ENGINEERS AND LAND SURVEYORS
2100 State Street, P.O. Box 1322
Granite City, Illinois 62040
Phone: (618) 952-1400 / (618) 952-5525
Fax: (618) 952-5541

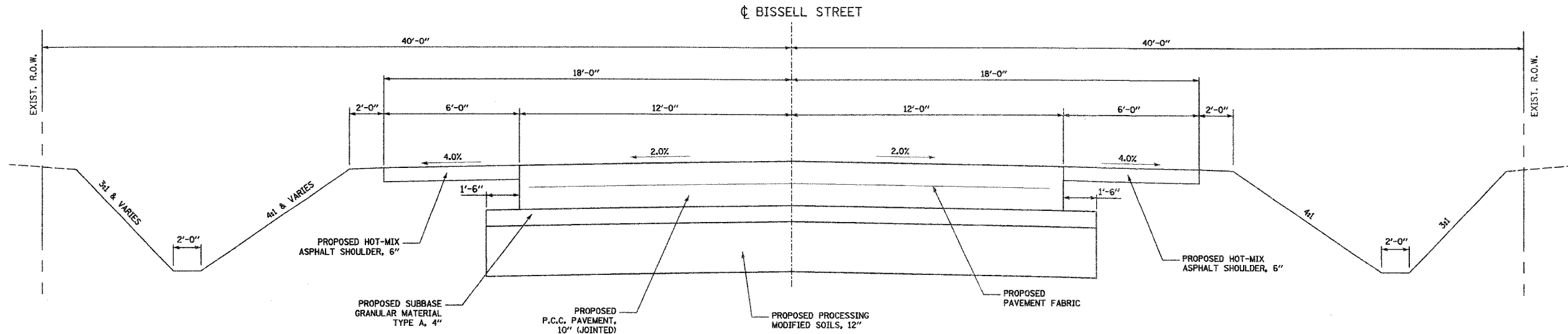
PROPOSED TYPICAL SECTIONS
BISSELL STREET
GRANITE CITY, ILLINOIS
SECTION No. 05-00001-00-WR

REVISIONS			
NO.	DATE	BY	REMARKS
DWG. NO.			

SCALE: N.T.S.			
DSN. BY:	BFK	DATE:	1/19/07
DWN. BY:	JDH	DATE:	1/19/07
CHKD:	BFK	DATE:	1/19/07
JOB NO.	E061300	DGN. NAME:	TYP-PROP OF 102 SHTS
SHEET		14	

F.A. DIST. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9104	05-00001-00-WR	MADISON	102	15
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 57314				

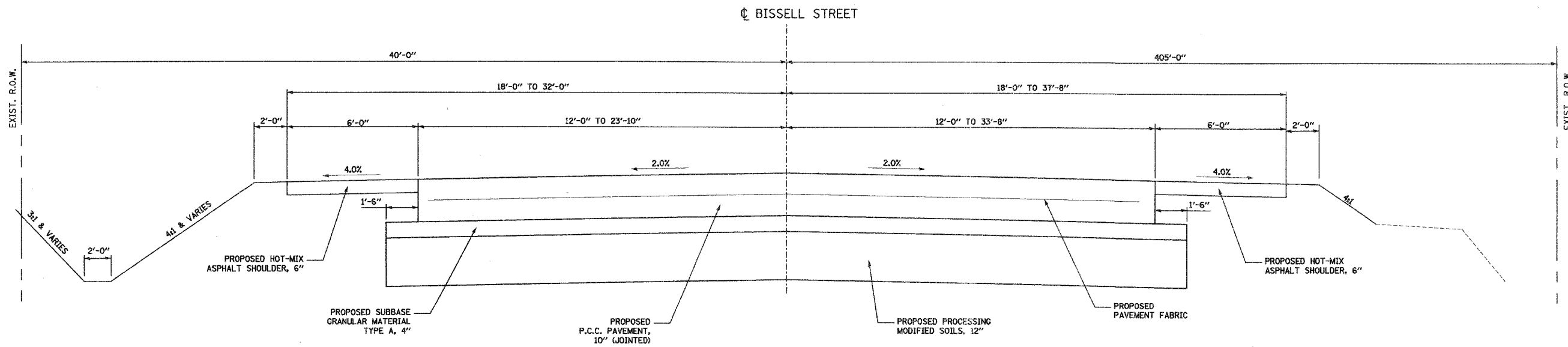
BY	DATE
FINAL SURVEY PLOTTED	
NOTE BOOK TEMPLATE	
AREAS CHECKED	
NO.	



BISSELL STREET PROPOSED TYPICAL SECTION

STA. 133+51.95 TO STA. 135+49.59
N.T.S.

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



BISSELL STREET PROPOSED TYPICAL SECTION

STA. 135+49.59 TO STA. 139+00.00
N.T.S.

NOTE:

1. MAXIMUM TRANSVERSE JOINT SPACING FOR 10" P.C.C. PAVEMENT IS 15.0'.

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CONSULTING ENGINEERS AND LAND SURVEYORS
2100 State Street, P.O. Box 1325 Granite City, Illinois 62040
Phone: (618) 377-1400 / (618) 377-5000 Fax: (618) 377-5001
100 North Research Drive Granite City, Illinois 62040
Phone: (618) 303-9900 / (618) 303-0800 Fax: (618) 303-0801

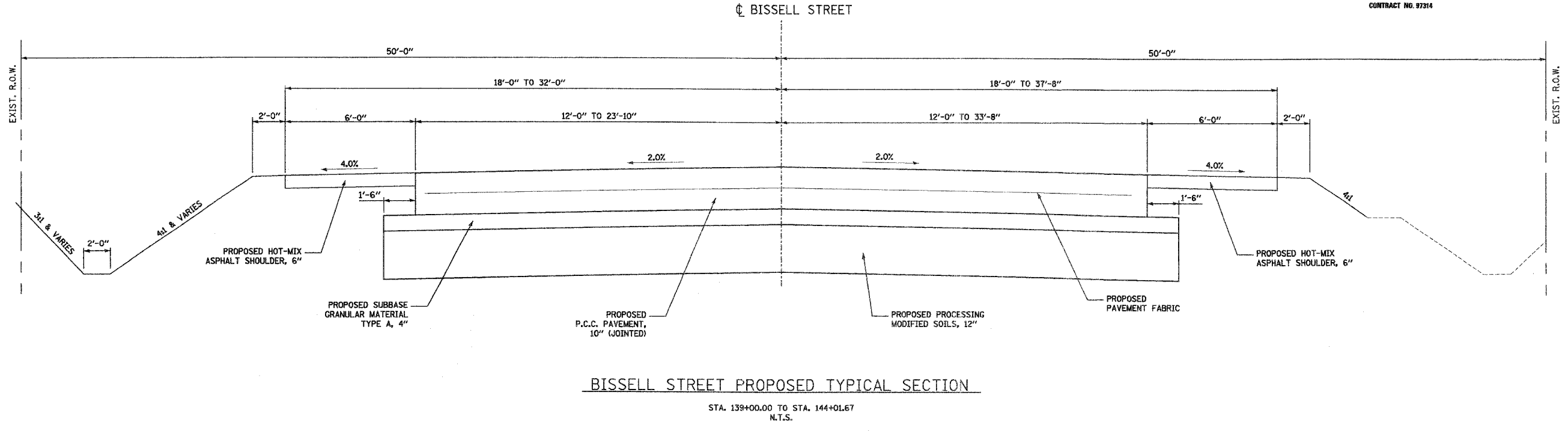
PROPOSED TYPICAL SECTIONS

**BISSELL STREET
GRANITE CITY, ILLINOIS
SECTION No. 05-00001-00-WR**

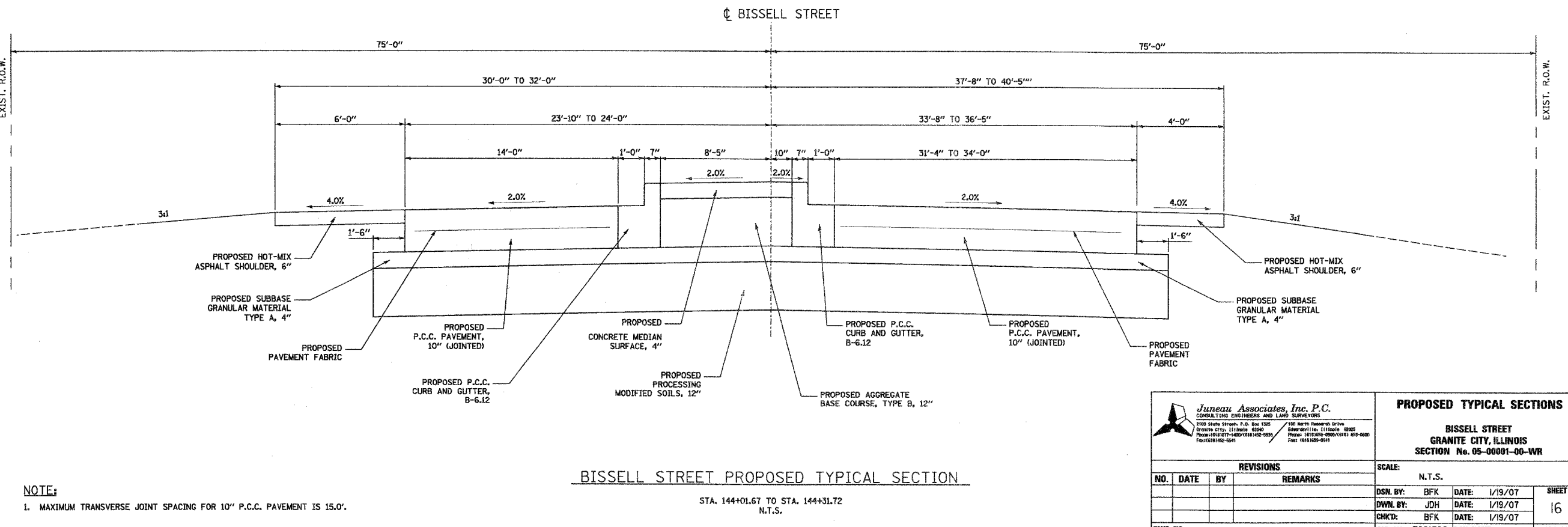
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NO.	DATE	BY	REMARKS

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DWN. BY:	JDH	DATE:	1/19/07
CHK'D:	BFK	DATE:	1/19/07
DWG. NO.	JOB NO. E061300	DGN. NAME:	TYP-PROP
			OF 102 SHTS

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



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

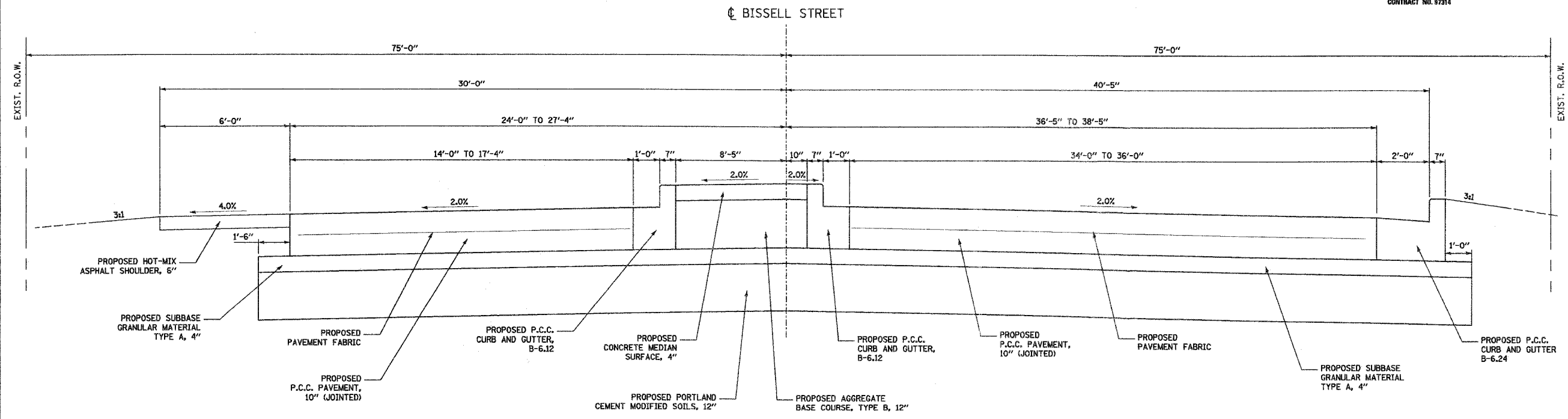


NOTE:
1. MAXIMUM TRANSVERSE JOINT SPACING FOR 10" P.C.C. PAVEMENT IS 15.0'.

<p>JunEAU Associates, Inc. P.C. CONSULTING ENGINEERS AND LAND SURVEYORS 2100 State Street, P.O. Box 1320 Granite City, Illinois 62040 Phone: (618) 537-4200 / (618) 537-4201 Fax: (618) 537-4201</p>		<p>PROPOSED TYPICAL SECTIONS</p> <p>BISSELL STREET GRANITE CITY, ILLINOIS SECTION No. 05-00001-00-WR</p>									
<p>SCALE: N.T.S.</p>		<p>DSN. BY: BFK DATE: 1/19/07</p>									
<p>DWG. NO.</p>		<p>DWN. BY: JDH DATE: 1/19/07</p>									
<p>REVISIONS</p> <table border="1"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>BY</th> <th>REMARKS</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>		NO.	DATE	BY	REMARKS					<p>CHKD: BFK DATE: 1/19/07</p>	
NO.	DATE	BY	REMARKS								
<p>JOB NO. E061300</p>		<p>DGN. NAME: TYP-PROP OF 102 SHTS</p>									

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9104 05-00001-00-WR		MADISON	102	17
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		
CONTRACT NO. 97314				

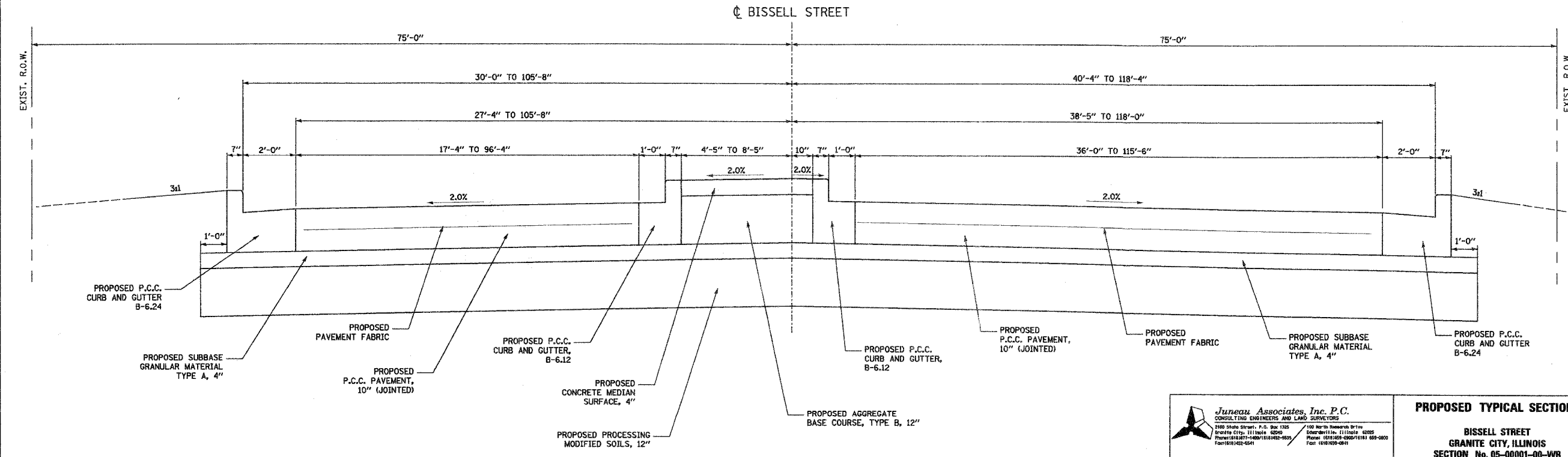
FINAL SURVEYED	BY	DATE
SURVEY PLOTTED		
NOTE BOOK TEMPLATE		
AREAS CHECKED		
NO.		



BISSELL STREET PROPOSED TYPICAL SECTION

STA. 144+31.72 TO STA. 146+00.83
N.T.S.

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



BISSELL STREET PROPOSED TYPICAL SECTION

STA. 146+00.83 TO STA. 147+30.89
N.T.S.

NOTE:
1. MAXIMUM TRANSVERSE JOINT SPACING FOR 10" P.C.C. PAVEMENT IS 15.0'.

Jurek Associates, Inc. P.C.
CONSULTING ENGINEERS AND LAND SURVEYORS
2100 State Street, P.O. Box 1325
Granite City, Illinois 62040
Phone: (618) 877-1400 / (618) 877-0233
Fax: (618) 877-0241

REVISIONS			
NO.	DATE	BY	REMARKS

PROPOSED TYPICAL SECTIONS
BISSELL STREET
GRANITE CITY, ILLINOIS
SECTION No. 05-00001-00-WR

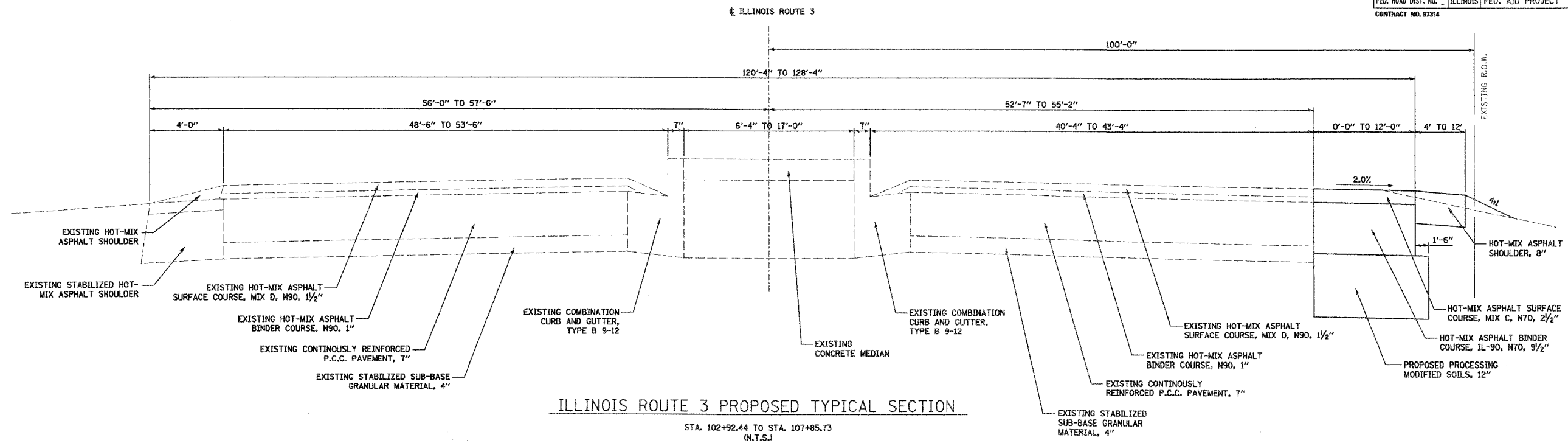
SCALE: N.T.S.

DSN. BY: BFK	DATE: 1/19/07	SHEET 17
DWN. BY: JDH	DATE: 1/19/07	
CHKD: BFK	DATE: 1/19/07	

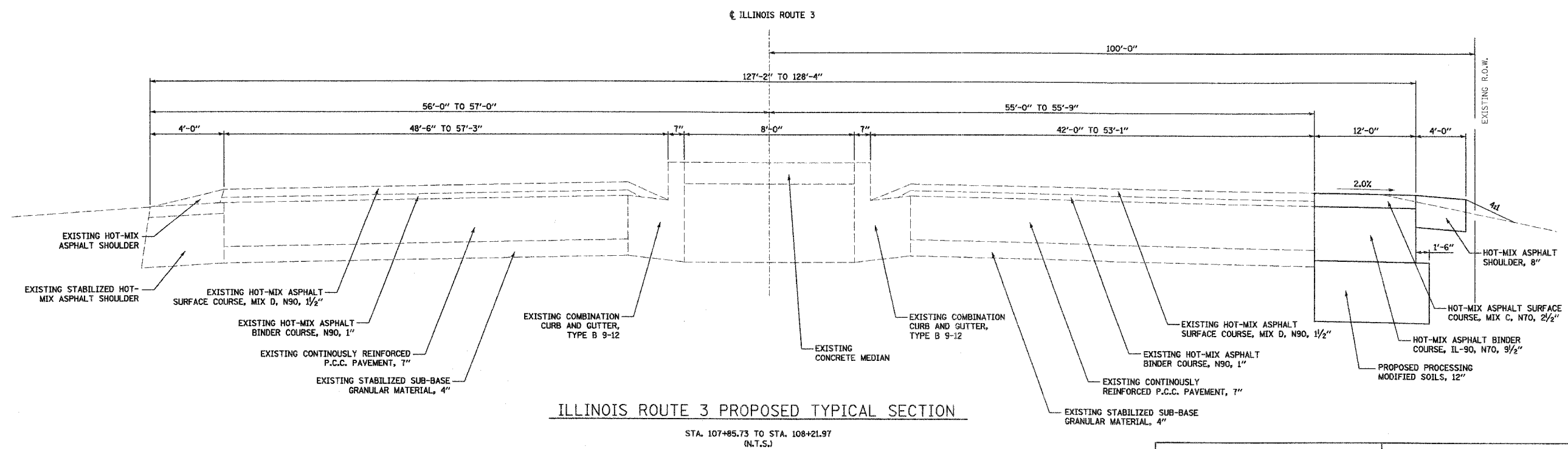
JOB NO. E061300 DGN. NAME: TYP-PROP OF 102 SHTS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9104 05-0001-00-WR		MADISON	102	18
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 87214				

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



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



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Granite City, Illinois 62040
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Fax: (618) 952-5541

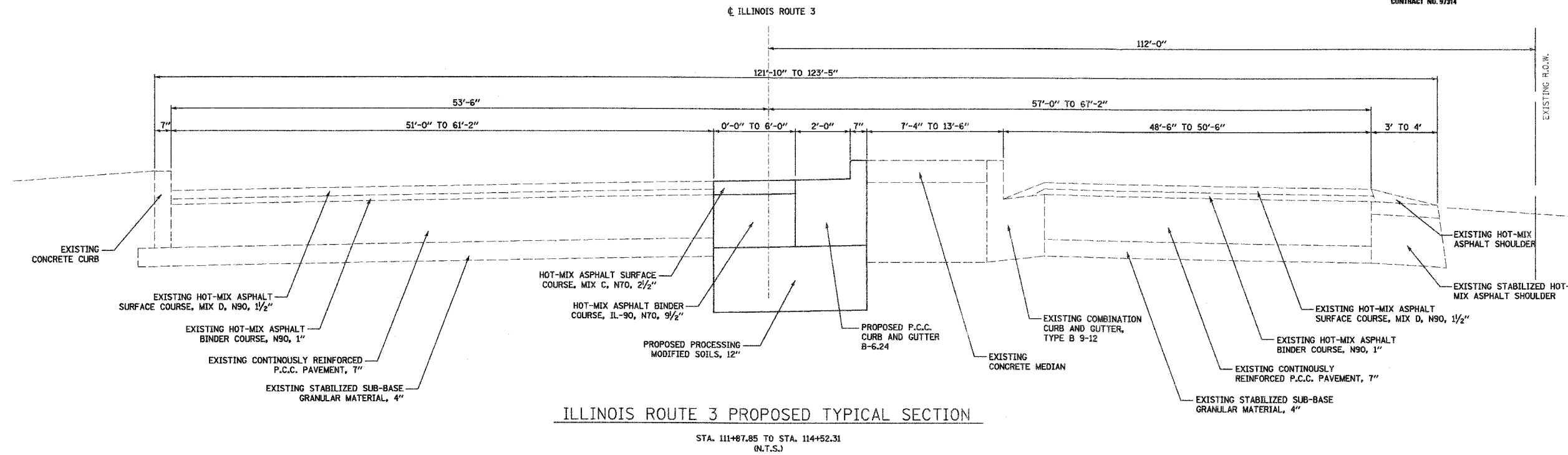
PROPOSED TYPICAL SECTIONS
BISSELL STREET & ILLINOIS ROUTE 3
MADISON, ILLINOIS
SECTION No. 05-0001-00-WR

REVISIONS			
NO.	DATE	BY	REMARKS

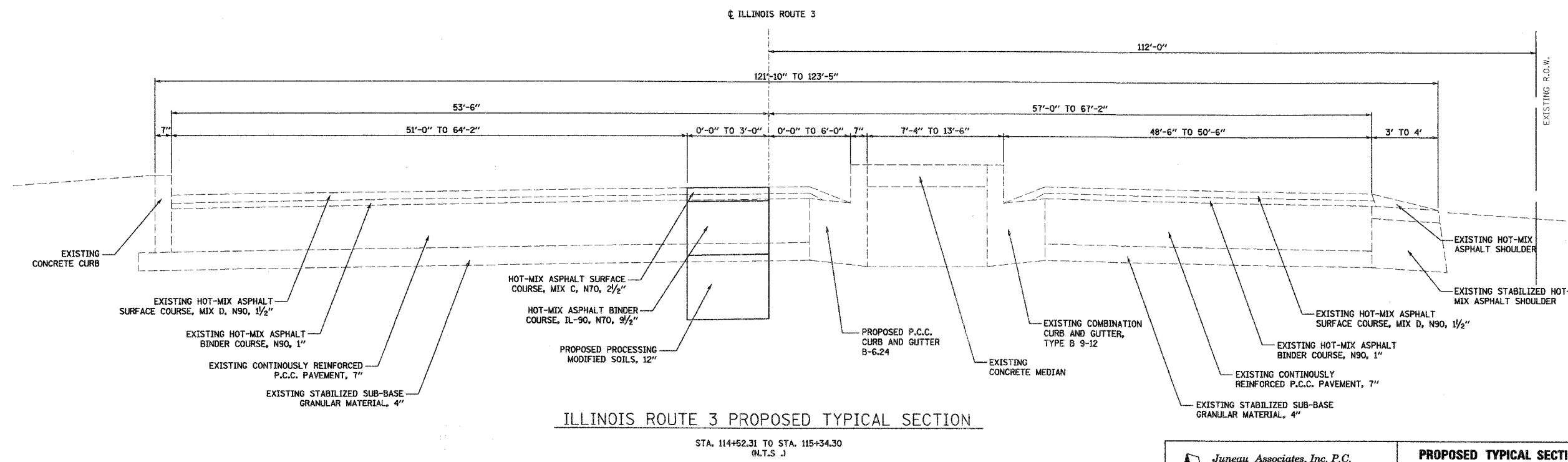
SCALE:	N.T.S.
DSN. BY:	BFK
DATE:	1/19/07
DWN. BY:	JDH
DATE:	1/19/07
CHKD:	BFK
DATE:	1/19/07
JOB NO. E061300	DGN. NAME: TYP-PROP
SHEET 18 OF 102 SHTS	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9104 05-00001-00-WR	MADISON	ILLINOIS	102	19
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				
CONTRACT NO. 97214				

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



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



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 Granite City, Illinois 62040
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 Fax: (618) 482-5541

PROPOSED TYPICAL SECTIONS
 ILLINOIS ROUTE 3
 MADISON, ILLINOIS
 SECTION No. 05-00001-00-WR

REVISIONS			
NO.	DATE	BY	REMARKS

SCALE:	N.T.S.
DSM. BY:	BFK
DATE:	12/21/06
DWN. BY:	JDH
DATE:	12/21/06
CHKD:	BFK
DATE:	12/21/06
JOB NO. E061300	DGN. NAME: TYP-PROP
OF 102 SHTS	

SHEET
19

PAVING SCHEDULE

LOCATION	PROCESSING MODIFIED SOILS 12 IN (SQ YD)	PORTLAND CEMENT (TON)	PC CONC PAVEMENT 10 IN JOINTED (SQ YD)	SUB BASE GRANULAR TY A 4 IN (SQ YD)	AGGERGATE BASE COURSE TYPE B 12 IN (SQ YD)	PAVEMENT FABRIC (SQ YD)	PROT COAT (SQ YD)	HOT-MIX ASPHALT SURFACE COURSE MIX C, N70 (TON)	HOT-MIX ASPHALT BINDER COURSE IL-19, N70 (TON)	HOT-MIX ASPHALT SHLDS 6" (TON)	HOT-MIX ASPHALT SHLDS 8" (TON)
BISSELL STREET											
STA. 116+00.00 TO STA. 133+05.77	5117.3	230.3	4548.7	5117.3	0.0	4548.7	4548.7	0.0	0.0	763.8	0.0
STA. 133+21.77 TO STA. 133+51.95	90.5	4.1	0.0	0.0	0.0	0.0	0.0	11.3	42.8	13.5	0.0
STA. 133+51.95 TO STA. 147+30.89	8385.5	377.3	7463.2	8385.5	309.5	7463.2	7463.2	21.9	83.4	526.0	0.0
ILLINOIS ROUTE 3											
STA. 102+92.44 TO STA. 108+21.94	531.0	23.9	0.0	0.0	0.0	0.0	0.0	74.3	282.4	0.0	126.8
STA. 111+87.85 TO STA. 115+34.30	195.0	8.8	0.0	0.0	0.0	0.0	0.0	18.2	69.2	0.0	0.0
TOTAL	14319	644	12012	13503	310	12012	12012	126	478	1303	127

PROTECTIVE COAT SCHEDULE

LOCATION	AREA (SQ YD)
BISSELL STREET	
COMBINATION CURB AND GUTTER, B-6.24	250
COMBINATION CURB AND GUTTER, B-6.12, REVERSE	160
PORTLAND CEMENT CONCRETE PAVEMENT, 10" JOINTED	12012
CONCRETE MEDIAN SURFACE, 4 INCH	341
DRIVEWAY PAVEMENT	105
TOTAL	12868

COMBINATION CURB AND GUTTER SCHEDULE

LOCATION	CURB & GUTTER	
	TYPE B-6.12 REVERSED (FOOT)	TYPE B-6.24 (FOOT)
BISSELL STREET		
STA. 144+07.88 - 01.40' RT TO STA. 147+15.86 - 01.40' RT	308.0	
STA. 144+07.88 - 09.00' LT TO STA. 147+15.86 - 05.02' LT	308.2	
STA. 146+96.20 - 36.20' LT TO STA. 147+12.15 - 38.58' LT	17.5	
STA. 146+96.20 - 36.20' LT TO STA. 147+08.49 - 49.58' LT	19.8	
STA. 147+08.49 - 49.58' LT TO STA. 147+12.15 - 38.58' LT	12.7	
STA. 147+11.03 - 31.08' LT TO STA. 147+24.11 - 29.30' RT	14.9	
STA. 147+11.03 - 31.08' LT TO STA. 147+28.65 - 43.04' RT	23.1	
STA. 147+24.11 - 29.30' LT TO STA. 147+28.65 - 43.04' RT	15.2	
STA. 144+31.71 - 40.40' RT TO STA. 146+54.39 - 40.40' RT		222.7
STA. 146+54.39 - 40.40' RT TO STA. 147+42.10 - 118.32' RT		128.1
STA. 146+00.83 - 30.00' LT TO STA. 146+93.64 - 105.69' LT		134.1
ILLINOIS ROUTE 3		
STA. 111+87.85 - 8.00' RT TO STA. 114+52.40 - 00.24' LT		264.7
TOTAL	719	750

MANHOLE AND INLET SCHEDULE

STRUCTURE ID	LOCATION	INLETS, SPECIAL			PRECAST REINFORCED CONCRETE FLARED END SECTION ELLIPTICAL, EQUIVALENT ROUND SIZE		PRECAST REINFORCED CONCRETE FLARED END SECTION		
		TYPE 1 (EACH)	TYPE 2 4'X4' AREA (EACH)	TYPE 3 10'X10' FLT SLB TP (EACH)	18" (EACH)	15" (EACH)	48" (EACH)	60" (EACH)	
	BISSELL STREET								
FES-1	STA. 127+16.84 - 26.44' LT				1				
FES-2	STA. 127+16.84 - 27.94' RT				1				
FES-3	STA. 133+70.00 - 27.50' LT				1				
FES-4	STA. 133+70.00 - 27.80' RT				1				
FES-5	STA. 136+71.90 - 67.62' LT				1				
S-1	STA. 136+71.90 - 25.50' LT		1						
FES-6	STA. 136+71.90 - 39.00' RT				1				
S-2	STA. 139+00.00 - 25.91' LT		1						
S-3	STA. 139+69.30 - 36.75' LT			1					
S-4	STA. 139+69.30 - 38.75' RT			1					
FES-7	STA. 139+69.30 - 58.00' RT								1
FES-8	STA. 140+43.81 - 55.39' LT							1	
FES-10	STA. 140+53.89 - 53.03' LT				1				
FES-11	STA. 141+00.00 - 35.11' LT				1				
FES-9	STA. 146+13.47 - 85.18' LT						1		
S-5	STA. 146+16.25 - 34.16' LT	1							
S-6	STA. 146+16.25 - 42.40' RT	1							
TOTAL		2	2	2	8		1	1	1

SIGN SCHEDULE

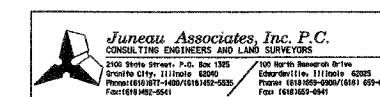
LOCATION	LT / RT	PROPOSED OFFSET (FT)	DESCRIPTION	SIGN PANEL TYPE 1 (SQ FT)	METAL POSTS SIGN ASSEMBLY TYPE B (FOOT)	TELESCOPING STEEL SIGN SUPPORT (FOOT)	BASE FOR TELES STEEL SIGN SUPPORT (EACH)
BISSELL STREET							
STA. 124+50.00	RT	22.0	R2-1-2430	5	1 @ 13.5		
STA. 124+50.00	LT	22.0	R2-1-2430	5	1 @ 13.5		
STA. 131+90.81	RT	20.0	W10-1-36	9	1 @ 13.5		
STA. 134+36.77	LT	20.0	W10-1-36	9	1 @ 13.5		
STA. 139+50.00	LT	23.8	R2-1-2430	5	1 @ 13.5		
STA. 139+50.00	RT	33.4	R2-1-2430	5	1 @ 13.5		
STA. 142+89.22	LT	62.3	R1-1-30	6	1 @ 13.5		
STA. 144+10.00	LT	3.8	R4-7-2430	5		9.5	1
STA. 144+40.00	LT	3.8	R3-I100L-24	4		9.5	1
STA. 144+40.00	RT	44.0	R3-I100L-24	4	1 @ 13.5		
STA. 147+18.18	LT	1.6	R4-7-2430	5		9.5	1
ILLINOIS ROUTE 3							
STA. 105+56.97	RT	71.6	R3-I100L-24	4	1 @ 13.5		
TOTAL				66	122	29	3

ENTRANCE SCHEDULE

LOCATION	"W" WIDTH (FT)	PCC DRIVEWAY PAVEMENT 8 IN (SQ YD)	"Y" DISTANCE (FT)
BISSELL STREET			
CE @ 134+04.91 LT	18.0	67.1	18.0
STA. 136+65.74 TO STA. 136+78.11		38.3	
TOTAL		105	

TRENCH BACKFILL SCHEDULE

LOCATION	VOLUME (CU YD)
BISSELL STREET	
STORM SEWER SCHEDULE	94
PIPE CULVERT SCHEDULE	14
PIPE CULVERT REMOVAL SCHEDULE	332
TOTAL	440



QUANTITY SCHEDULES

BISSELL STREET
MADISON, ILLINOIS
SECTION No. 05-00001-00-WR

REVISIONS				SCALE:
NO.	DATE	BY	REMARKS	NOT TO SCALE
DWG. NO.				

DSN. BY: BFK	DATE: 1/19/07	SHEET 20
DWN. BY: RKR	DATE: 1/19/07	
CHKD: BFK	DATE: 1/19/07	
JOB NO. E061300	DGN. NAME: COMBSCH	OF 102 SPTS

DATE _____ BY _____
FINAL SURVEY PLOTTED _____
NOTE BOOK TEMPLATE AREAS CHECKED _____

DATE _____ BY _____
ORIGINAL SURVEY PLOTTED _____
NOTE BOOK TEMPLATE AREAS CHECKED _____

EARTHWORK SCHEDULE

LOCATION	EARTH EXCAVATION (CU YD)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE WASTE(+) OR SHORTAGE(-) (CU YD)
BISSELL ST	6541	4906	327	(+) 4579
IL RTE 3	444	333	1632	(-) 1299
TOTAL	6985	5239	1959	3280

NOTE: BASED ON 25% SHRINKAGE

PIPE CULVERT SCHEDULE

STRUCTURE ID	LOCATION	PRECAST RCCP ELLIPTICAL, EQUIV. ROUND SIZE 18" (FOOT)	TRENCH BACKFILL (CU YD)
	BISSELL STREET		
FES-1 TO FES-2	STA. 127+16.84 - 26.44' LT TO STA. 127+16.84 - 27.94' RT	43	4
FES-3 TO FES-4	STA. 133+70.00 - 27.50' LT TO STA. 133+70.00 - 27.80' RT	43	3
FES-5 TO S-1	STA. 136+71.90 - 67.62' LT TO STA. 136+71.90 - 25.50' RT	34	1
S-1 TO FES-6	STA. 136+71.90 - 67.62' LT TO STA. 136+71.84 - 39.00' RT	57	6
FES-10 TO FES-11	STA. 140+53.89 - 53.03' LT TO STA. 141+00.00 - 35.11' LT	37	
TOTAL		214	14

PAVEMENT MARKING SCHEDULE

LOCATION	TYPE	POLYUREA PAVEMENT MARKINGS					THERMOPLASTIC PAVEMENT MARKINGS					PREFORMED PLASTIC PAVEMENT MARKINGS TYPE B			RAISED REFLECTIVE PAVEMENT MARKINGS			PRISMATIC CURB REFLECTOR (EACH)	PAINT PAVEMENT MARKING RAISED MEDIAN (SQ FT)	PAINT PAVEMENT MARKING CURB (FOOT)			
		4" YELLOW (FOOT)	4" WHITE (FOOT)	8" WHITE (FOOT)	12" YELLOW (FOOT)	12" WHITE (FOOT)	4" YELLOW (FOOT)	4" WHITE (FOOT)	8" WHITE (FOOT)	12" WHITE (FOOT)	12" WHITE (FOOT)	24" WHITE (FOOT)	LETTERS AND SYMBOLS (SQ FT)	ONE-WAY		TWO-WAY							
														AMBER (EACH)	CRYSTAL (EACH)	AMBER (EACH)							
BISSELL STREET																							
STA. 116+00.00 TO STA. 147+30.89	SKIP-DASH 10'-30'	475																39	36	24	23	69	749
	DOUBLE CENTER LINE	2872																					
	LANE LINE		675	281																			
	EDGE LINE	658	6402																				
	SKIP-DASH 2'-6'		29																				
	STOP BARS										102	60											
	DIAGONALS				315	311																	
	ARROWS												202										
	RAILROAD CROSSINGS												122										
ILLINOIS ROUTE 3																							
STA. 109+00.00 TO STA. 111+00.00	LANE LINE									574								19			3		
	EDGE LINE						347	532	183														
	STOP BARS												99										
	SKIP-DASH 2'-6'							133															
	DIAGONALS										33												
	ARROWS												47										
TOTAL		4005	7106	281	315	311	347	1239	183	33	102	159	371	39	55	24	26	69	749				

STORM SEWER SCHEDULE

STRUCTURE ID	LOCATION	STORM SEWERS, RCCP, STORM DRAIN, AND SEWER PIPE				TRENCH BACKFILL (CU YD)
		TYPE I CLASS IV 15" (FOOT)	TYPE I CLASS IV 24" (FOOT)	TYPE I CLASS II 48" (FOOT)	TYPE I CLASS I 60" (FOOT)	
	BISSELL STREET					
S-2 TO S-3	STA. 139+00.00 - 25.91' LT TO STA. 139+69.30 - 36.75' LT		63			0.0
S-3 TO S-4	STA. 139+69.30 - 36.75' LT TO STA. 139+69.30 - 38.75' RT				66	44.0
S-4 TO FES-7	STA. 139+69.30 - 38.75' RT TO STA. 139+69.30 - 58.00' RT				6	0.0
S-3 TO FES-8	STA. 139+69.30 - 36.75' LT TO STA. 140+43.81 - 55.39' LT			64		36.0
FES-9 TO S-5	STA. 146+13.47 - 85.18' LT TO STA. 146+16.25 - 34.16' LT	44				0.0
S-5 TO S-6	STA. 146+16.32 - 34.16' LT TO STA. 146+16.25 - 42.40' RT	74				14.0
TOTAL		118	63	64	72	94

SEEDING SCHEDULE

LOCATION	SEEDING CLASS 1 (AC)	NITROGEN FERT NUTR (LB)	PHOSPHORUS FERT NUTR (LB)	POTASSIUM FERT NUTR (LB)	MULCH METHOD 2 (AC)
BISSELL STREET					
STA. 116+00.00 - STA. 147+30.89	3.2	289.8	289.8	289.8	3.2
TOTAL	3	290	290	290	3

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QUANTITY SCHEDULES
BISSELL STREET
MADISON, ILLINOIS
SECTION No. 05-00001-00-WR

REVISIONS			
NO.	DATE	BY	REMARKS

SCALE: NOT TO SCALE			
DSN. BY: BFK	DATE: 1/19/07	SHEET	
DWN. BY: RKR	DATE: 1/19/07	21	
CHK'D: BFK	DATE: 1/19/07		
JOB NO. E061300 DGN. NAME: COMBSCH OF 102 SHTS			

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

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

CONCRETE MEDIAN SURFACE SCHEDULE

LOCATION	CONCRETE MEDIAN SURFACE, 4 INCH (SQ FT)
BISSELL STREET	
STA. 144+02.66 - 03.82' LT TO STA. 147+20.86 - 01.60' LT	2854.5
STA. 146+95.80 LT TO STA. 147+11.60 LT	106.9
STA. 147+11.24 RT TO STA. 147+28.09 RT	105.8
TOTAL	3067

GUARDRAIL REMOVAL SCHEDULE

LOCATION	GUARDRAIL REMOVAL (FOOT)
BISSELL STREET	
STA. 144+23.62 - 52.80' LT TO STA. 145+27.18 - 50.06' LT	103.6
STA. 144+29.08 - 54.36' RT TO STA. 144+58.38 - 30.64' RT	37.7
TOTAL	141

ISLAND REMOVAL SCHEDULE

LOCATION	ISLAND REMOVAL (SQ FT)
BISSELL STREET	
STA. 146+95.26 LT TO STA. 147+12.46 LT	180.1
STA. 147+09.20 RT TO STA. 147+28.00 RT	205.1
TOTAL	385

CHAIN LINK FENCE REMOVAL SCHEDULE

LOCATION	CHAIN LINK FENCE REMOVAL (FOOT)
BISSELL STREET	
STA. 140+25.05 - 72.69' LT TO STA. 140+24.97 - 43.38' LT	29.3
STA. 140+24.97 - 43.38' LT TO STA. 142+83.23 - 43.73' LT	258.3
STA. 142+83.23 - 43.73' LT TO STA. 142+81.69 - 51.95' RT	95.7
STA. 142+81.69 - 51.95' RT TO STA. 143+07.95 - 52.81' RT	26.3
STA. 145+27.65 - 60.32' RT TO STA. 145+28.26 - 75.28' LT	135.6
TOTAL	545

PAVEMENT REMOVAL SCHEDULE

LOCATION	REMOVAL AREA (SQ YD)
BISSELL STREET	
STA. 120+19.48 TO STA. 127+78.01	3107.0
STA. 133+78.03 TO STA. 139+96.53	1658.5
STA. 144+22.28 TO STA. 147+20.67	2060.3
ILLINOIS ROUTE 3	
STA. 102+92.44 TO STA. 110+63.50	941.8
STA. 111+87.85 TO STA. 115+34.30	81.7
TOTAL	7849

MEDIAN REMOVAL SCHEDULE

LOCATION	MEDIAN REMOVAL (SQ FT)
ILLINOIS ROUTE 3	
STA. 111+87.85 RT TO STA. 114+52.43 RT	940.1
TOTAL	940

STRUCTURE REMOVAL SCHEDULE

LOCATION	INLET REMOVAL (EACH)
BISSELL STREET	
STA. 127+21.18 - 26.45' LT	1
STA. 139+29.31 - 17.97' LT	1
STA. 146+12.90 - 27.36' RT	1
STA. 146+12.90 - 34.93' LT	1
TOTAL	4

CURB AND GUTTER REMOVAL SCHEDULE

LOCATION	CURB TYPE B (FOOT)	CURB & GUTTER	
		TYPE B-6.24 (FOOT)	TYPE B-6.12 (FOOT)
BISSELL STREET			
STA. 140+16.06 - 43.71' LT TO STA. 140+15.27 - 71.49' LT	27.8		
STA. 144+05.04 - 34.03' RT TO STA. 147+43.57 - 118.21' RT		380.3	
STA. 144+06.82 - 52.99' LT TO STA. 146+79.52 - 152.47' LT		382.2	
STA. 144+93.54 - 20.51' LT TO STA. 144+93.34 - 01.54' RT			22.1
STA. 144+93.34 - 01.54' RT TO STA. 147+20.78 - 01.20' RT			227.4
STA. 144+93.54 - 20.51' LT TO STA. 147+19.61 - 02.41' LT			228.3
ILLINOIS ROUTE 3			
STA. 111+87.85 - 07.80' RT TO STA. 114+52.43 - 00.83' LT	264.8		
TOTAL	293	763	478

PIPE CULVERT REMOVAL SCHEDULE


LOCATION	PIPE CULVERT REMOVAL			TRENCH BACKFILL (CU YD)
	12" (FOOT)	15" (FOOT)	36" (FOOT)	
BISSELL STREET				
STA. 127+21.15 - 27.76' LT TO STA. 127+20.32 - 26.03' RT	54.0			10
STA. 129+13.00 - 20.66' LT TO STA. 129+73.94 - 19.66' LT		61.0		10
STA. 139+29.36 - 12.17' LT TO STA. 139+32.09 - 35.42' RT		48.0		16
STA. 139+70.52 - 38.17' RT TO STA. 140+47.70 - 54.97' LT			121.0	120
STA. 139+73.27 - 40.43' RT TO STA. 140+50.05 - 52.89' LT			121.0	119
STA. 146+12.90 - 27.36' RT TO STA. 146+12.90 - 34.93' LT		62.3		57
STA. 146+12.90 - 34.93' LT TO STA. 146+13.31 - 82.93' LT		48.0		0
TOTAL	54	219	242	332

FENCE TO BE REMOVED AND RE-ERECTED

LOCATION	FENCE TO BE REMOVED AND RE-ERECTED (FOOT)
ILLINOIS ROUTE 3	
STA. 104+36.02 - 115.51' RT TO STA. 106+50.32 - 113.44' RT	215.0
TOTAL	215

PAVEMENT MARKING REMOVAL SCHEDULE

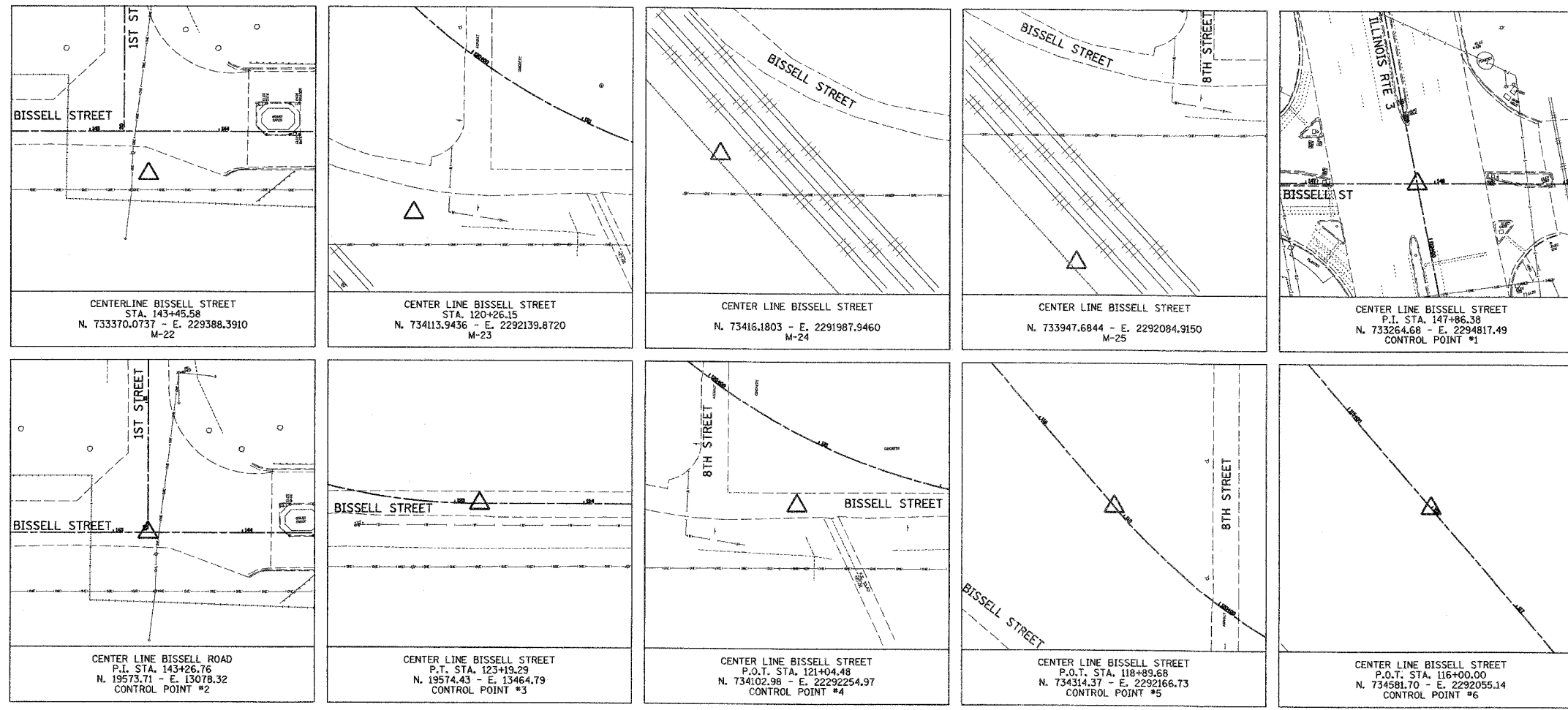
LOCATION	24" STOP BAR REMOVAL (SQ FT)
ILLINOIS ROUTE 3	
STA. 110+17.57 RT TO STA. 110+18.27 LT	100.0
TOTAL	100

 Juneco Associates, Inc. P.C. <small>CIVIL, TRAFFIC ENGINEERS AND LAND SURVEYORS</small> 2100 State Street, P.O. Box 1325 Granite City, Illinois 62040 Phone: (618) 957-1400 / (618) 957-0200 Fax: (618) 957-0841		QUANTITY SCHEDULES BISSELL STREET MADISON, ILLINOIS SECTION No. 05-00001-00-WR									
REVISIONS <table border="1"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>BY</th> <th>REMARKS</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>		NO.	DATE	BY	REMARKS					SCALE: NOT TO SCALE DSN. BY: BFK DATE: 1/19/07 DWN. BY: RKR DATE: 1/19/07 CHKD. BY: BFK DATE: 1/19/07 DWG. NO.: JOB NO.: E061300 DGN. NAME: COMBSCH OF 102 SHTS	
NO.	DATE	BY	REMARKS								
		SHEET 22									

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


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

REFERENCE POINTS



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

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



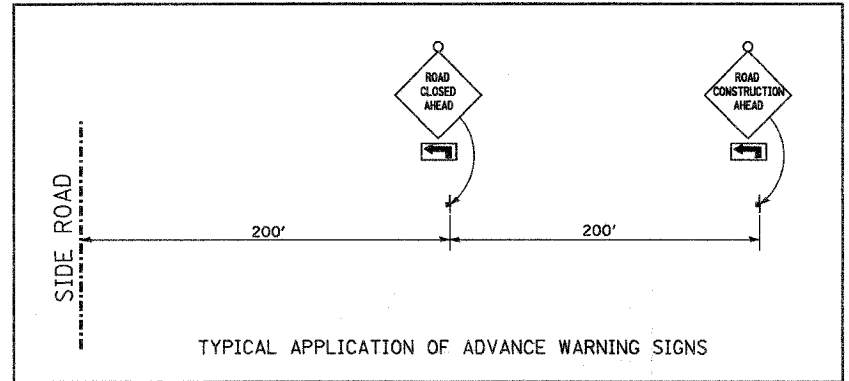
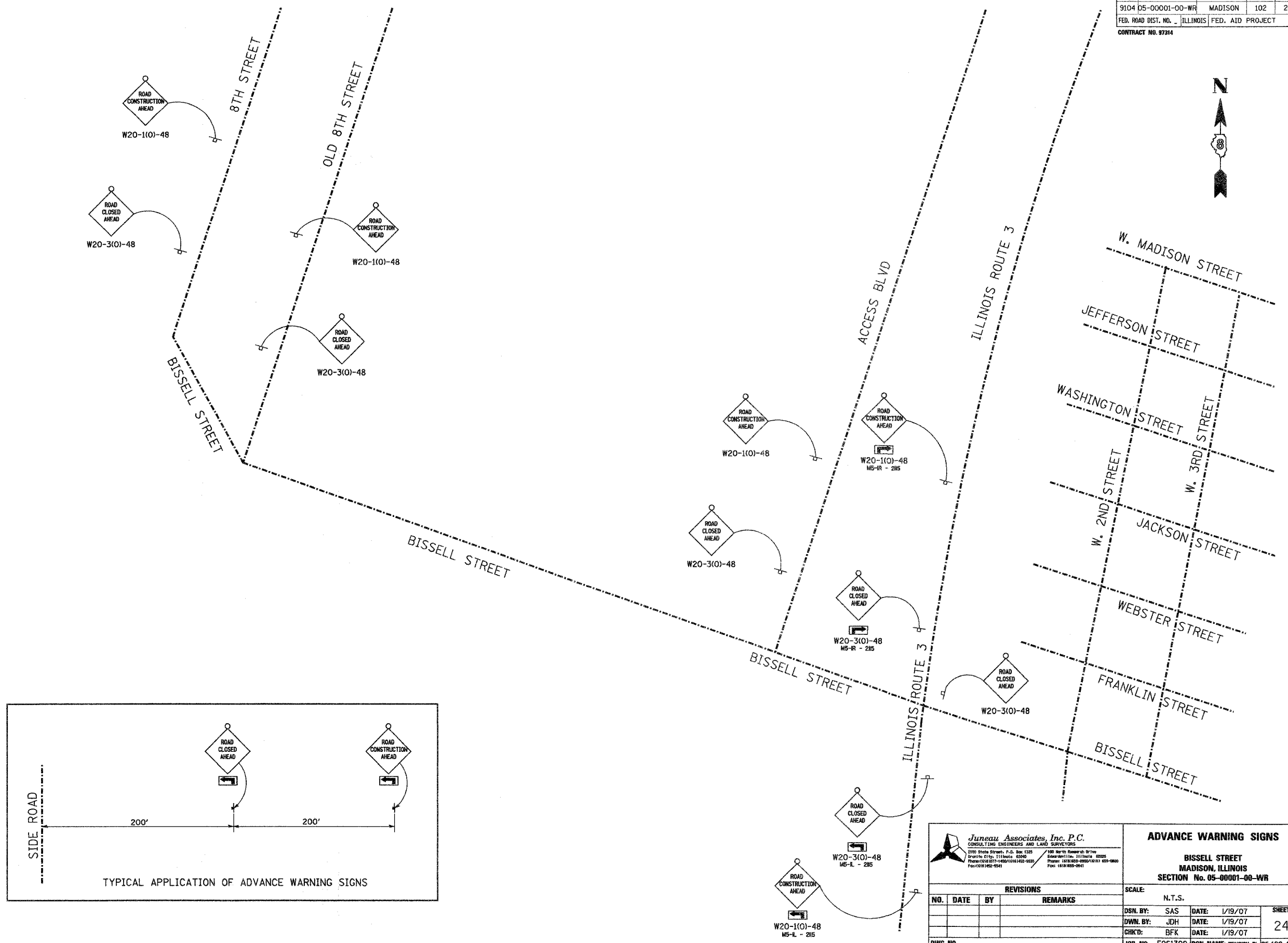
Juneau Associates, Inc. P.C.
CONSULTING ENGINEERS AND LAND SURVEYORS
2500 North Street, P.O. Box 1225
Springfield, IL 62760
Phone: (618) 371-4000 / (618) 402-0000
Fax: (618) 402-0000

**REFERENCE POINT TIES
COORDINATES AND BENCHMARKS**
BISSELL STREET, MADISON, ILLINOIS
SECTION No. 05-00001-00-WR

REVISIONS			
NO.	DATE	BY	REMARKS

SCALE: N.T.S.			
DSN. BY: DAN	DATE: 1/19/07	SHEET 23	
DWN. BY: DAN	DATE: 1/19/07		
CHK'D: BFK	DATE: 1/19/07		
DWG. NO.	JOB NO. E061300	DGN. NAME: REF-TIE	OF 102 SHTS

F.A.J.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9104 D5-00001-00-WR	MADISON	102	24	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 97314				



DATE	BY	SURVEYED
		PLOTTED
		TEMPLATE
		AREAS CHECKED
		NO.

DATE	BY	ORIGINAL SURVEY
		PLOTTED
		TEMPLATE
		AREAS CHECKED
		NO.

Juneau Associates, Inc. P.C.
CONSULTING ENGINEERS AND LAND SURVEYORS
2100 State Street, P.O. Box 1235
Springfield, IL 62704
Phone: (618) 837-1400 / (618) 452-9025
Fax: (618) 837-0541

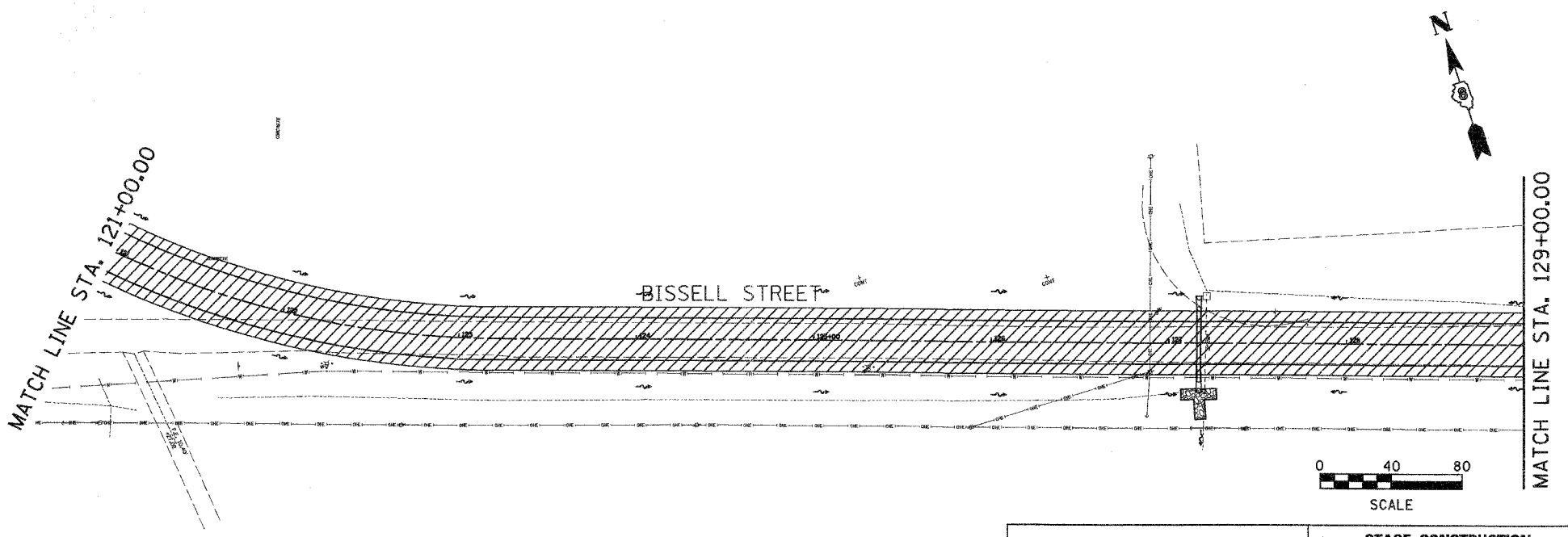
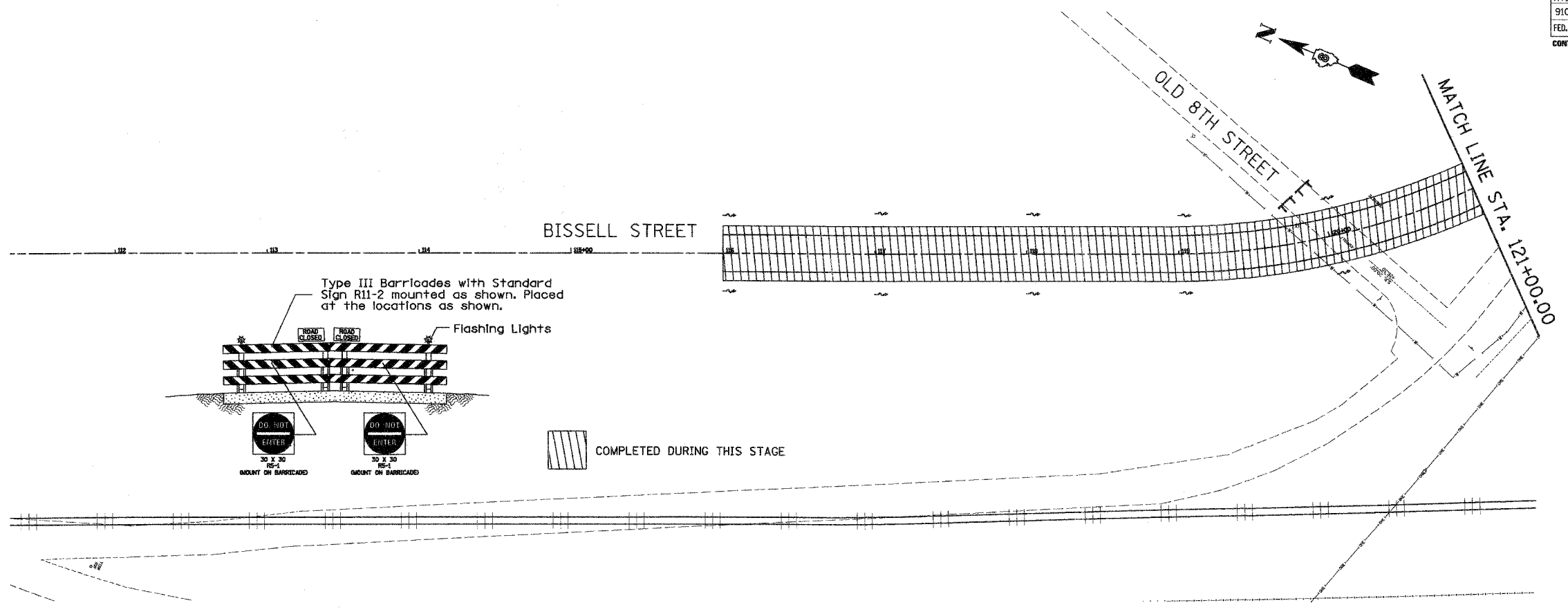
REVISIONS			
NO.	DATE	BY	REMARKS

ADVANCE WARNING SIGNS			
BISSELL STREET MADISON, ILLINOIS SECTION No. 05-00001-00-WR			
SCALE: N.T.S.			
DSN. BY: SAS	DATE: 1/19/07	SHEET	
OWN. BY: JDH	DATE: 1/19/07	24	
CHK'D: BFK	DATE: 1/19/07		
JOB NO. E061300	DGN. NAME: WNSICH RI	OF 102 SHTS	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9104	05-00001-00-WR	MADISON	102	25
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				
CONTRACT NO. 97914				

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

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



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CONSULTING ENGINEERS AND LAND SURVEYORS
2100 State Street, P.O. Box 1122
Granite City, Illinois 62040
Phone: (618) 287-1400 / (618) 287-9500
Fax: (618) 287-9541

STAGE CONSTRUCTION
BISSELL STREET
MADISON, ILLINOIS
SECTION No. 05-00001-00-WR

REVISIONS			
NO.	DATE	BY	REMARKS

SCALE:
1 inch = 40 feet

DSN. BY: BFK DATE: 1/19/07
DWN. BY: JDH DATE: 1/19/07
CHKD: BFK DATE: 1/19/07

SHEET
25

DWG. NO. JOB NO. E061300 DGN. NAME: STGCONSTI OF 102 SHTS

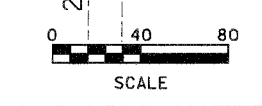
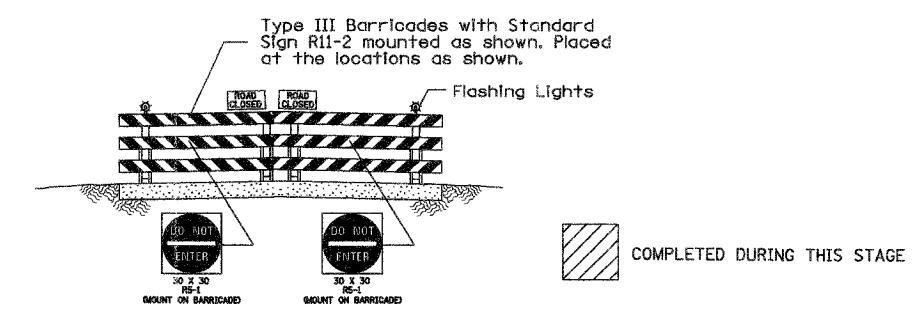
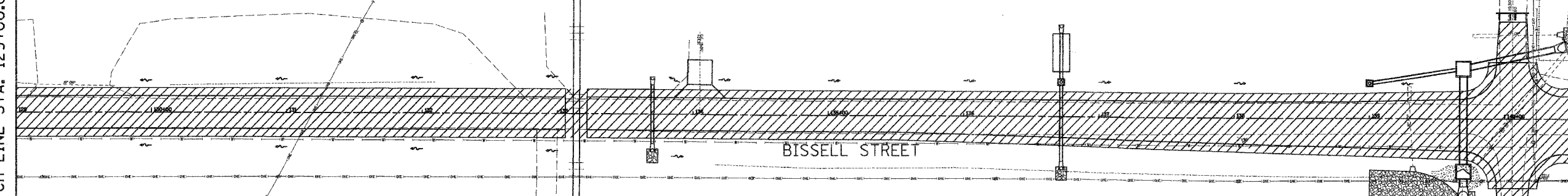
COMPLETED DURING THIS STAGE

F.A. U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9104 05-0001-00-WR	MADISON	ILLINOIS	102	26
FED. ROAD DIST. NO. 111 ILLINOIS FED. AID PROJECT				
CONTRACT NO. 97314				



MATCH LINE STA. 129+00.00

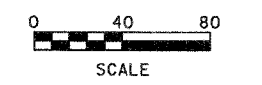
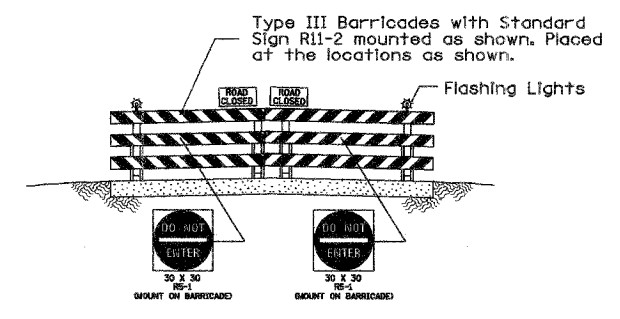
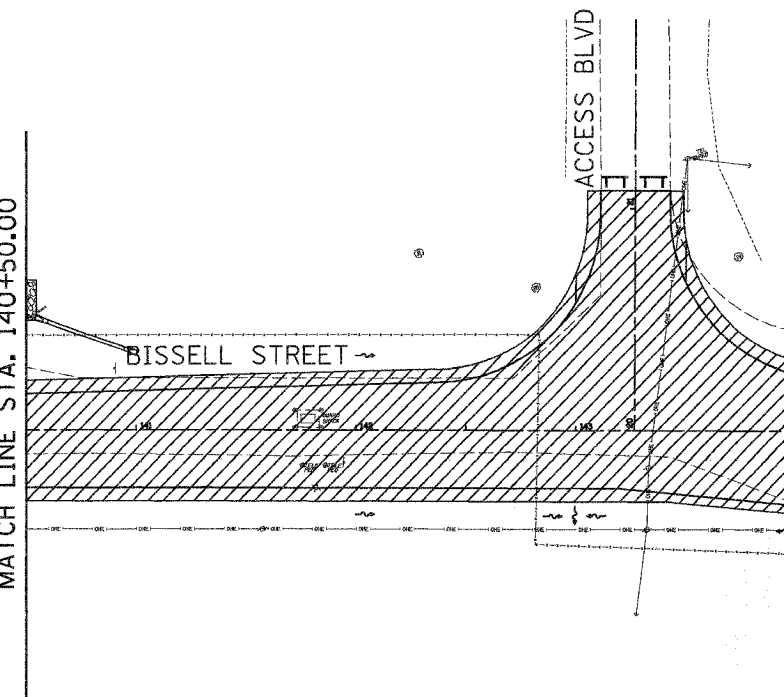
MATCH LINE STA. 140+50.00



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

MATCH LINE STA. 140+50.00

MATCH LINE STA. 144+00.00



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

Juneau Associates, Inc. P.C.
CONSULTING ENGINEERS AND LAND SURVEYORS
2100 State Street, P.O. Box 1325
Greenville, S.C. 29615
Phone: (864) 237-5400 / (864) 237-5401
Fax: (864) 237-0541

STAGE CONSTRUCTION
BISSELL STREET
MADISON, ILLINOIS
SECTION No. 05-0001-00-WR

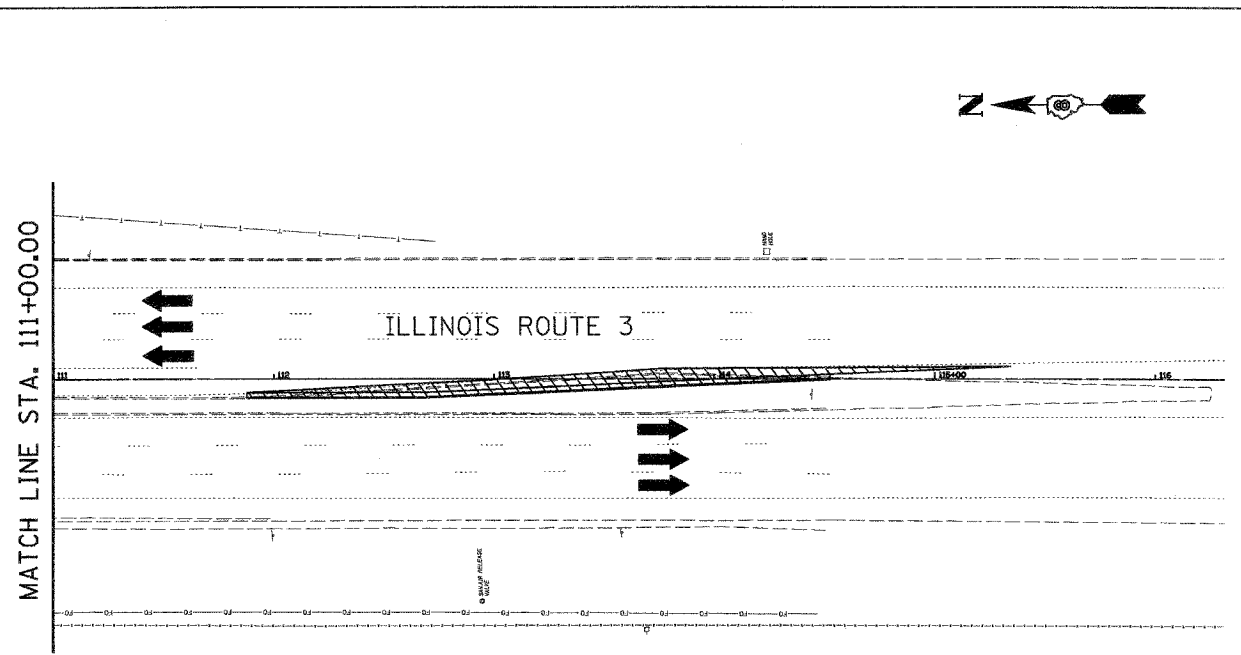
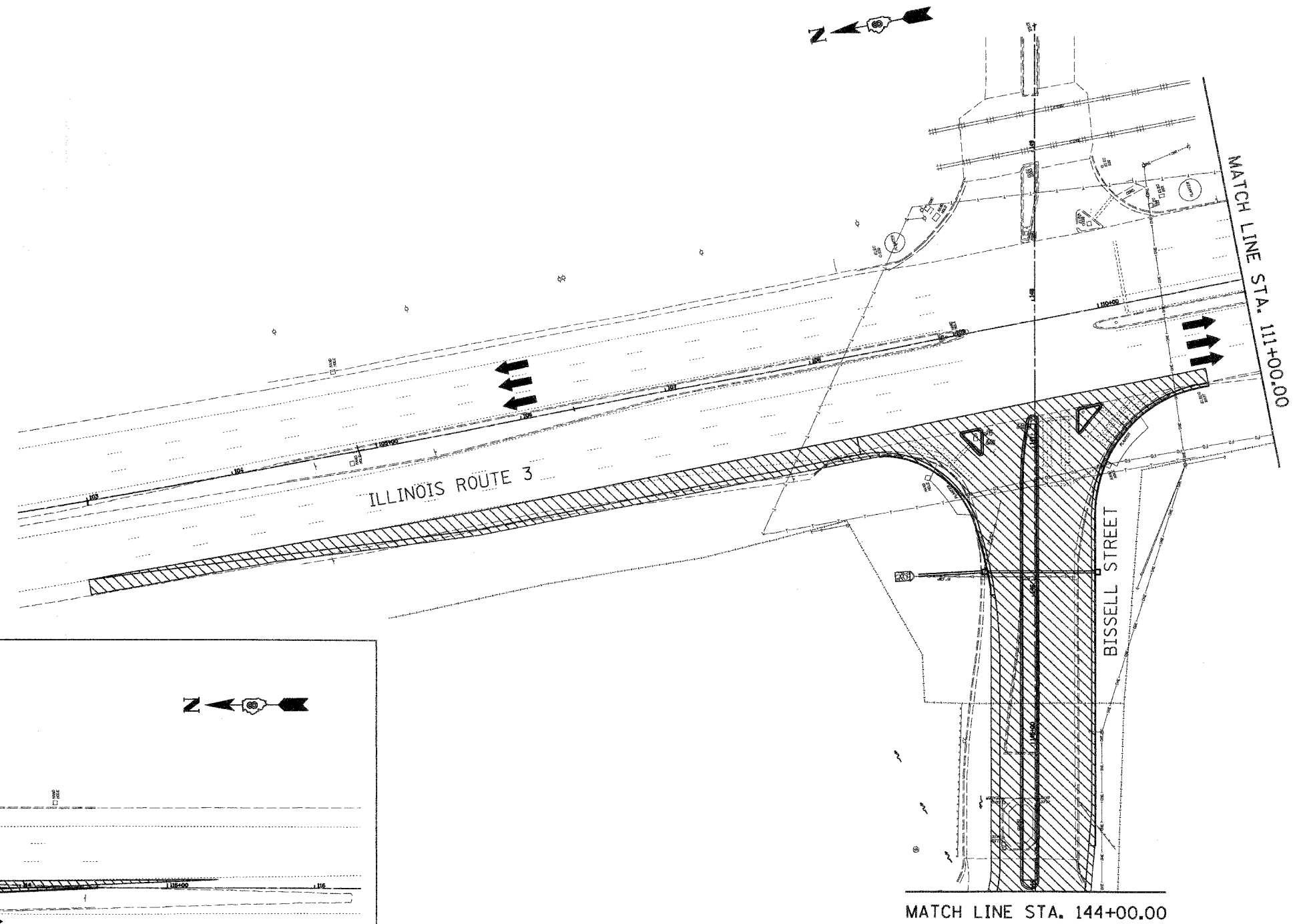
REVISIONS			
NO.	DATE	BY	REMARKS

SCALE:	1 Inch = 40 feet			
DSN. BY:	BFK	DATE:	1/19/07	SHEET 26
DWN. BY:	JDH	DATE:	1/19/07	
CHKD. BY:	BFK	DATE:	1/19/07	
DWG. NO.	JOB NO. E061300	DGN. NAME:	STGCONSTR	OF 102 SHTS

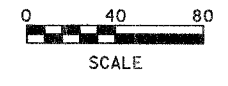
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9104 05-0001-00-WR		MADISON	102	27
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 87314				

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

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



NOTE:
 TRAFFIC CONTROL STANDARDS 701422-01,
 701602-02 AND 701701-04 SHALL BE UTILIZED
 DURING THIS STAGE



Juneau Associates, Inc. P.C.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 2100 State Street, P.O. Box 1326
 Granite City, Illinois 62040
 Phone: 618-937-4400/1618-937-9235
 Fax: 618-937-9241
 100 North Research Drive
 Edwardsville, Illinois 62025
 Phone: 618-948-9900/618-941-899-0000
 Fax: 618-948-9241

STAGE CONSTRUCTION
BISSELL STREET
MADISON, ILLINOIS
SECTION No. 05-0001-00-WR

REVISIONS			
NO.	DATE	BY	REMARKS

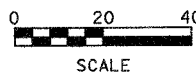
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DSN. BY: BFK	DATE: 1/19/07	SHEET 27
DWN. BY: JDH	DATE: 1/19/07	
CHK'D: BFK	DATE: 1/19/07	
JOB NO. E061300	DGN. NAME: STGCONSTR3	
DWG. NO.		OF 102 SHTS

CONTRACT NO. 97214

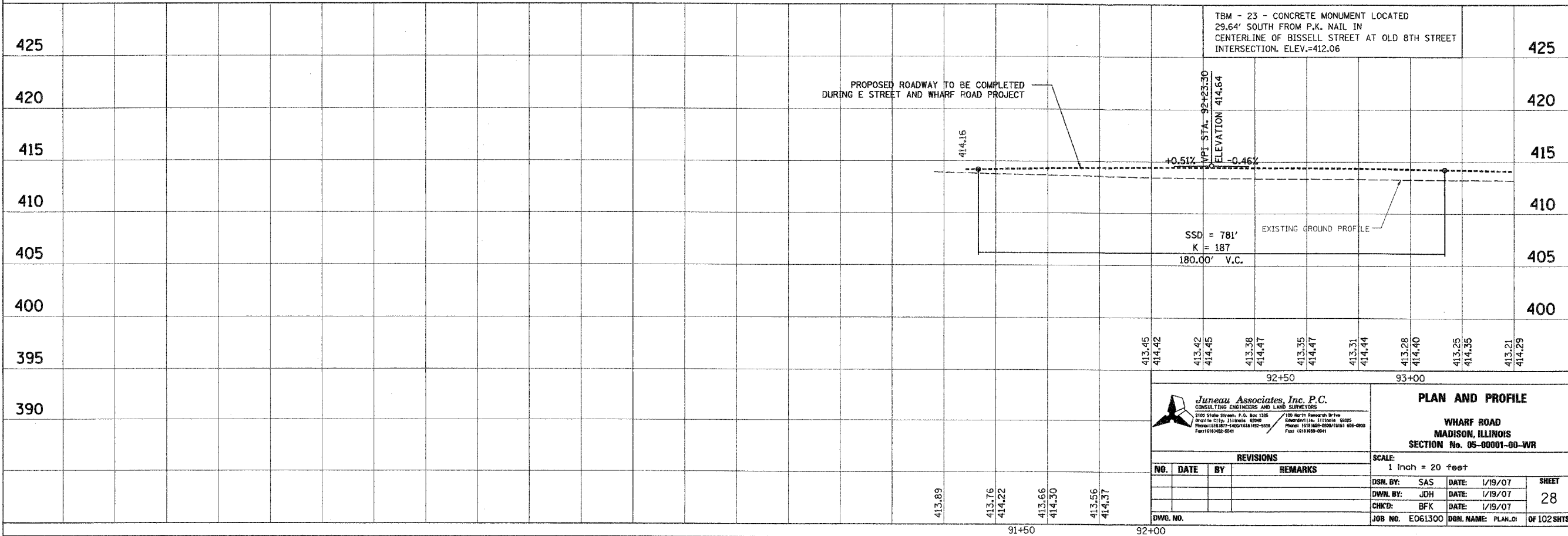
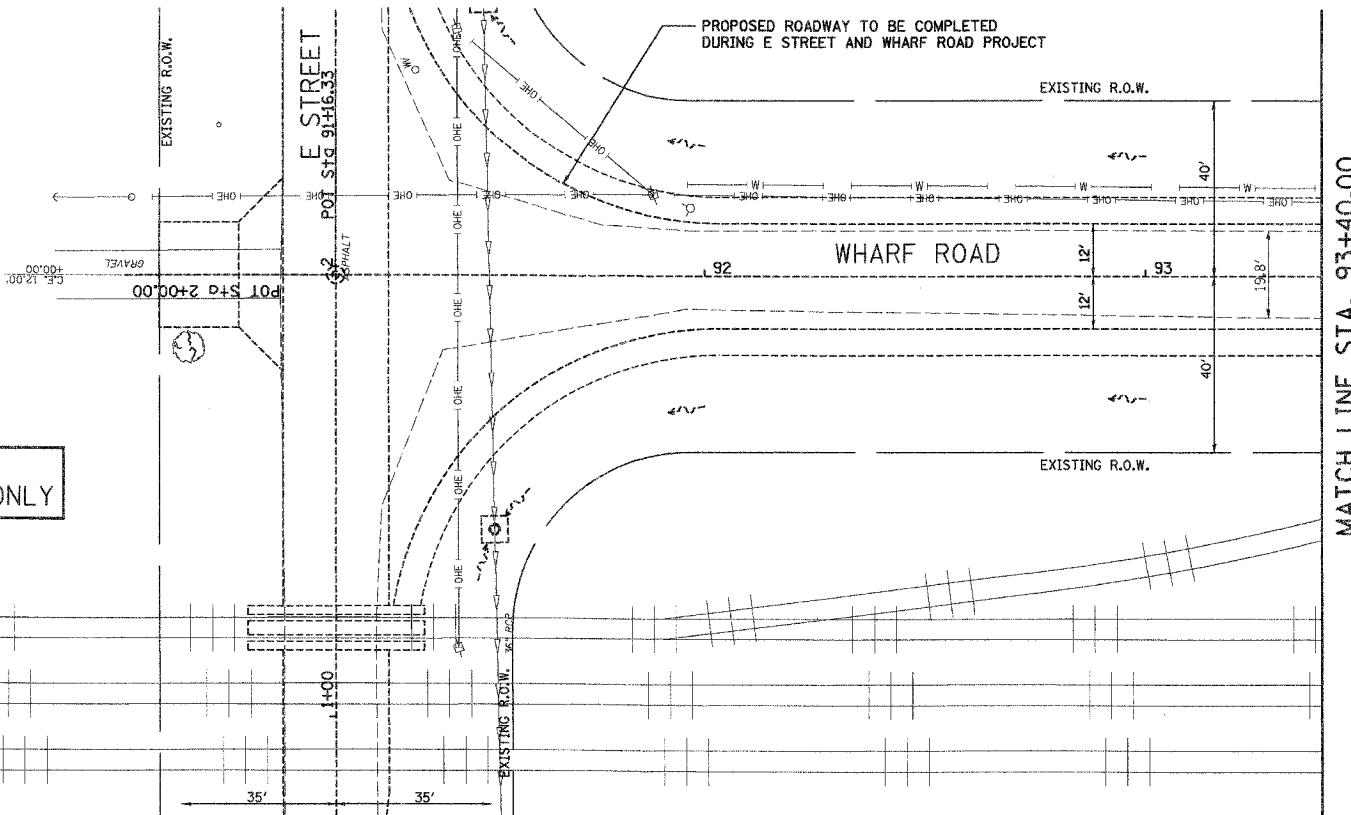


FINAL SURVEY	BY	DATE
NO. _____	_____	____/____/____
NO. _____	_____	____/____/____
NO. _____	_____	____/____/____
NO. _____	_____	____/____/____

ORIGINAL SURVEY	BY	DATE
NO. _____	_____	____/____/____
NO. _____	_____	____/____/____
NO. _____	_____	____/____/____
NO. _____	_____	____/____/____



WHARF ROAD SHOWN FOR INFORMATION ONLY



Juneau Associates, Inc. P.C.
CONSULTING ENGINEERS AND LAND SURVEYORS
2108 State Street, P.O. Box 1265
Springfield, Illinois 62702
Phone: (618) 528-4000 FAX: (618) 528-0800
FAX: (618) 528-0801

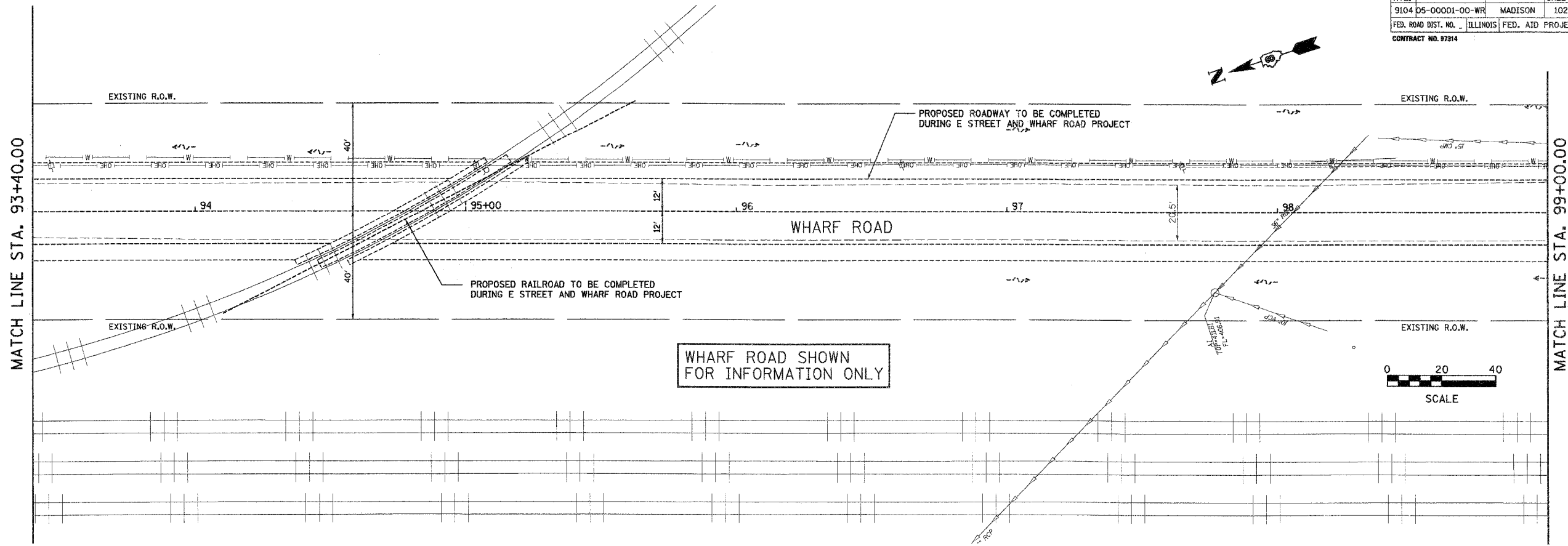
PLAN AND PROFILE

WHARF ROAD
MADISON, ILLINOIS
SECTION No. 05-00001-00-WR

REVISIONS				
NO.	DATE	BY	REMARKS	

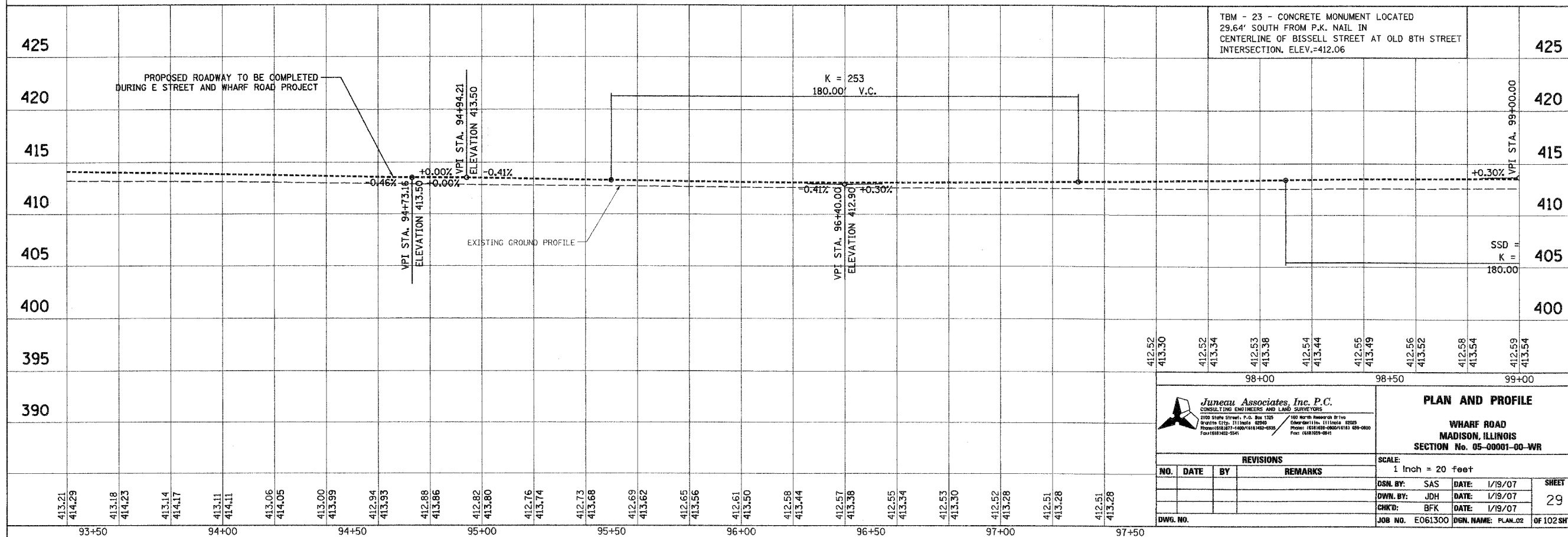
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DWN. BY:	SAS	DATE:	1/19/07
DWN. BY:	JDH	DATE:	1/19/07
CHK'D:	BFK	DATE:	1/19/07
JOB NO.	E061300	DGN. NAME:	PLAN.CH
			OF 102 SHTS

91+50 92+00 92+50 93+00



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

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



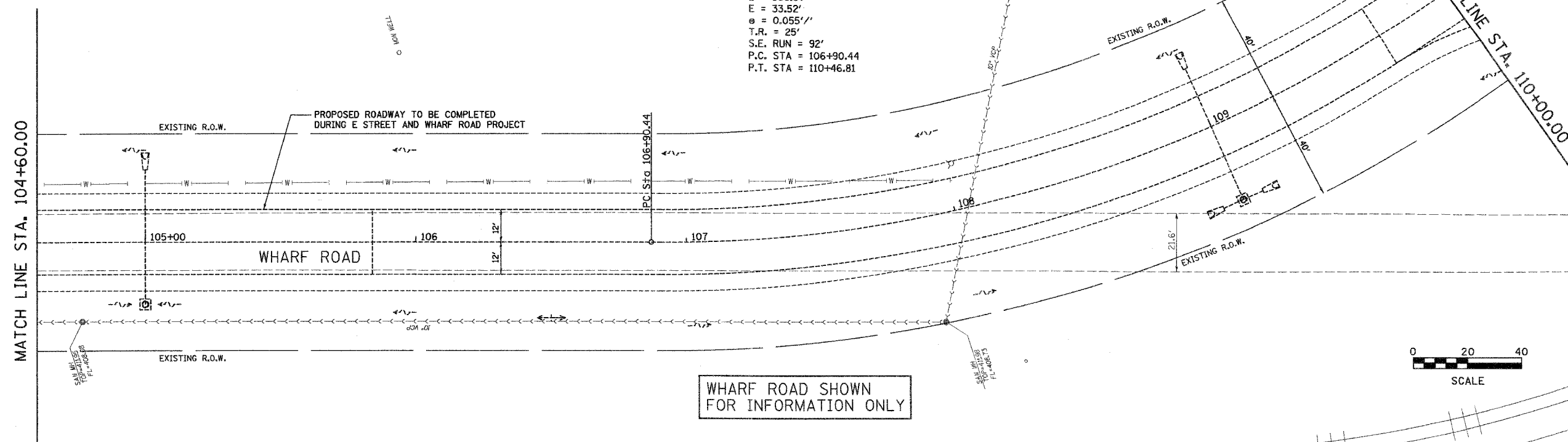
Juneau Associates, Inc. P.C.
CONSULTING ENGINEERS AND LAND SURVEYORS
2105 State Street, P.O. Box 1325
Madison, IL 61702-1325
Phone: (618) 977-1600 / (618) 442-5531
Fax: (618) 442-5541

100 North Research Drive
Champaign, IL 61820
Phone: (618) 432-0800 / (618) 432-0800
Fax: (618) 432-0841

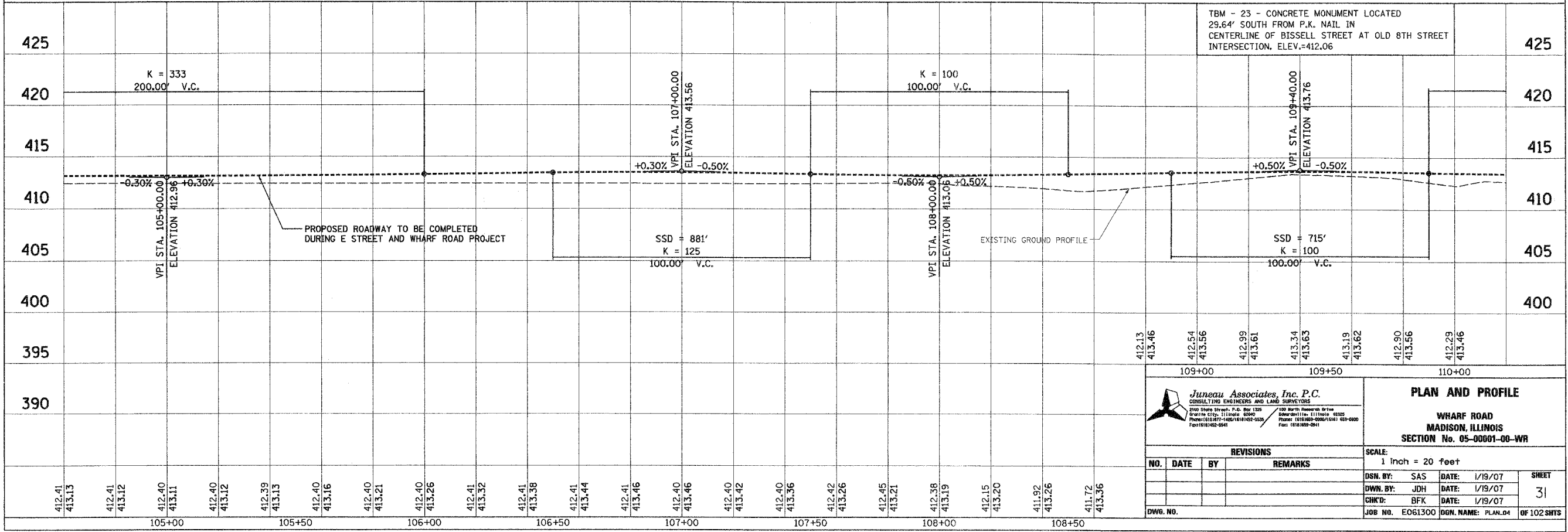
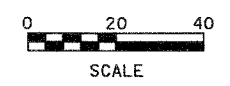
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9104 05-00001-00-WR		MADISON	102	31
FED. ROAD DIST. No.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 97914

PROP. CURVE PRBISS-1
 PI STA. = 108+76.57
 $\Delta = 40^\circ 50' 12''$ (LT)
 $D = 11^\circ 27' 33''$
 $R = 500.00'$
 $T = 186.13'$
 $L = 356.37'$
 $E = 33.52'$
 $e = 0.055'/'$
 $T.R. = 25'$
 $S.E. RUN = 92'$
 $P.C. STA = 106+90.44$
 $P.T. STA = 110+46.81$



WHARF ROAD SHOWN FOR INFORMATION ONLY



TBM - 23 - CONCRETE MONUMENT LOCATED 29.64' SOUTH FROM P.K. NAIL IN CENTERLINE OF BISSELL STREET AT OLD 8TH STREET INTERSECTION, ELEV.=412.06

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 CONSULTING ENGINEERS AND LAND SURVEYORS
 2100 Stone Street, P.O. Box 1325
 Granite City, Illinois 62040
 Phone: (618) 977-1400 / (618) 972-5235
 Fax: (618) 972-5241

PLAN AND PROFILE
 WHARF ROAD
 MADISON, ILLINOIS
 SECTION No. 05-00001-00-WR

REVISIONS			
NO.	DATE	BY	REMARKS

SCALE: 1 inch = 20 feet			
DSN. BY:	SAS	DATE:	1/19/07
DWN. BY:	JDH	DATE:	1/19/07
CHK'D:	BFK	DATE:	1/19/07
DWG. NO.	JOB NO. E061300	DGN. NAME:	PLAN-04

SHEET 31

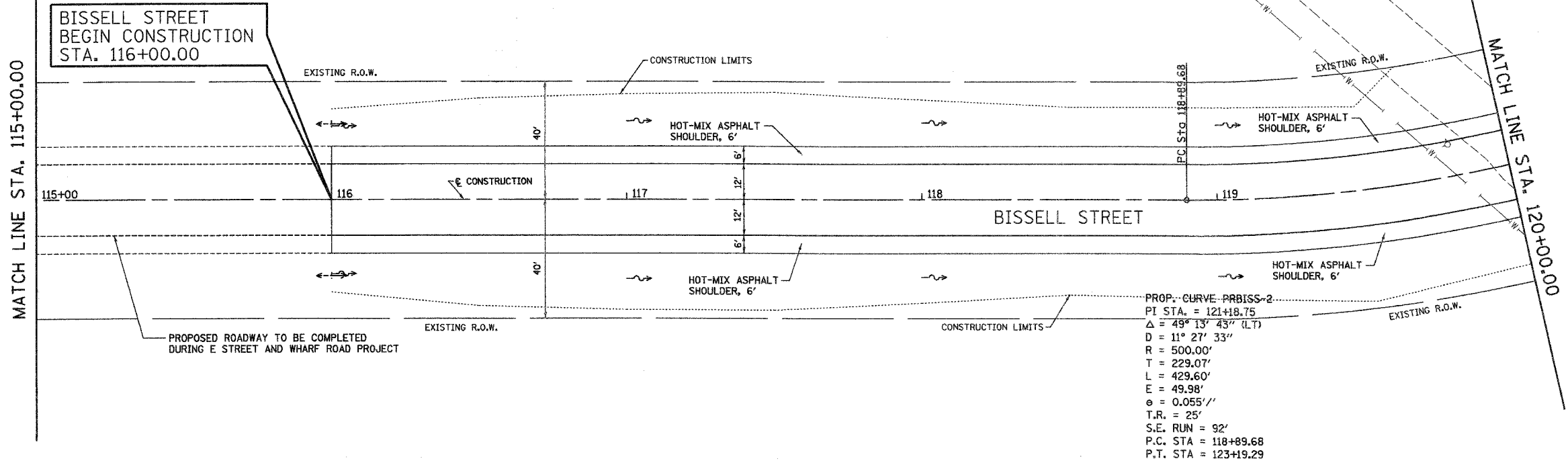
OF 102 SHEETS

DATE	BY

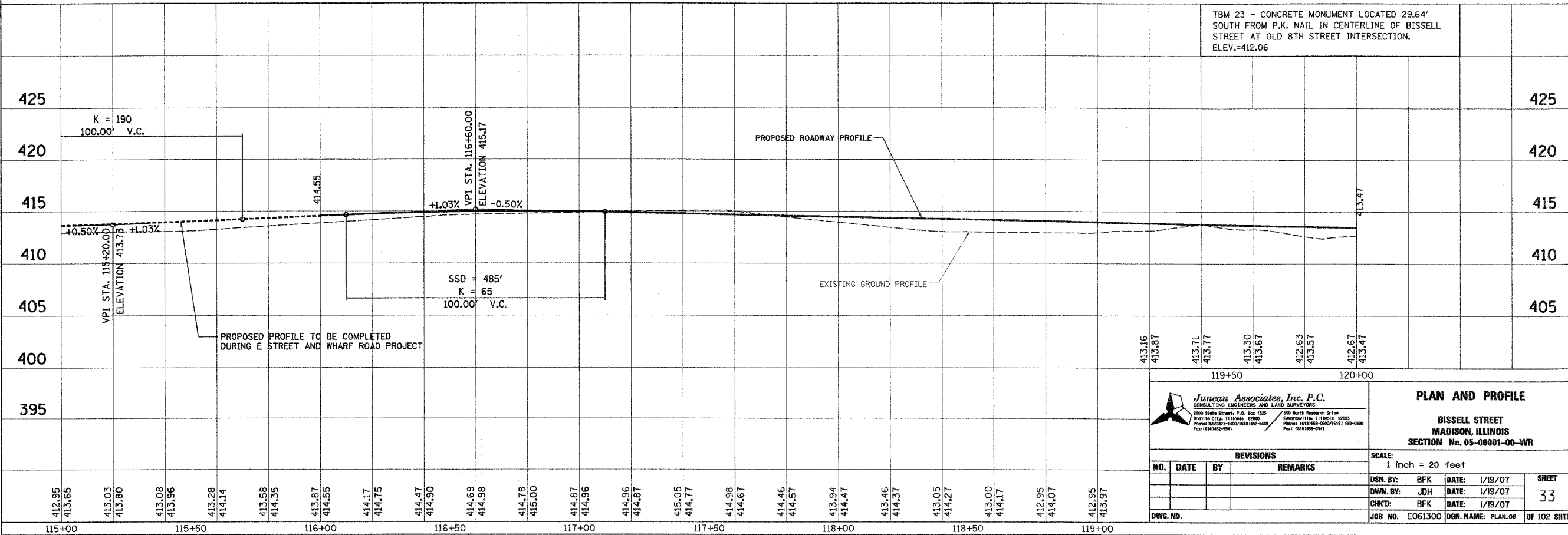
DATE	BY

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9104 05-00001-00-WR	MADISON	ILLINOIS	102	33
FED. ROAD DIST. NO.		FED. AID PROJECT		
CONTRACT NO. 97914				

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



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



Juneau Associates, Inc. P.C.
CONSULTING ENGINEERS AND LAND SURVEYORS
2100 State Street, P.O. Box 1325
Springfield, IL 62766-0325
Phone: (618) 271-4000/418-3432-5030
Fax: (618) 289-0941

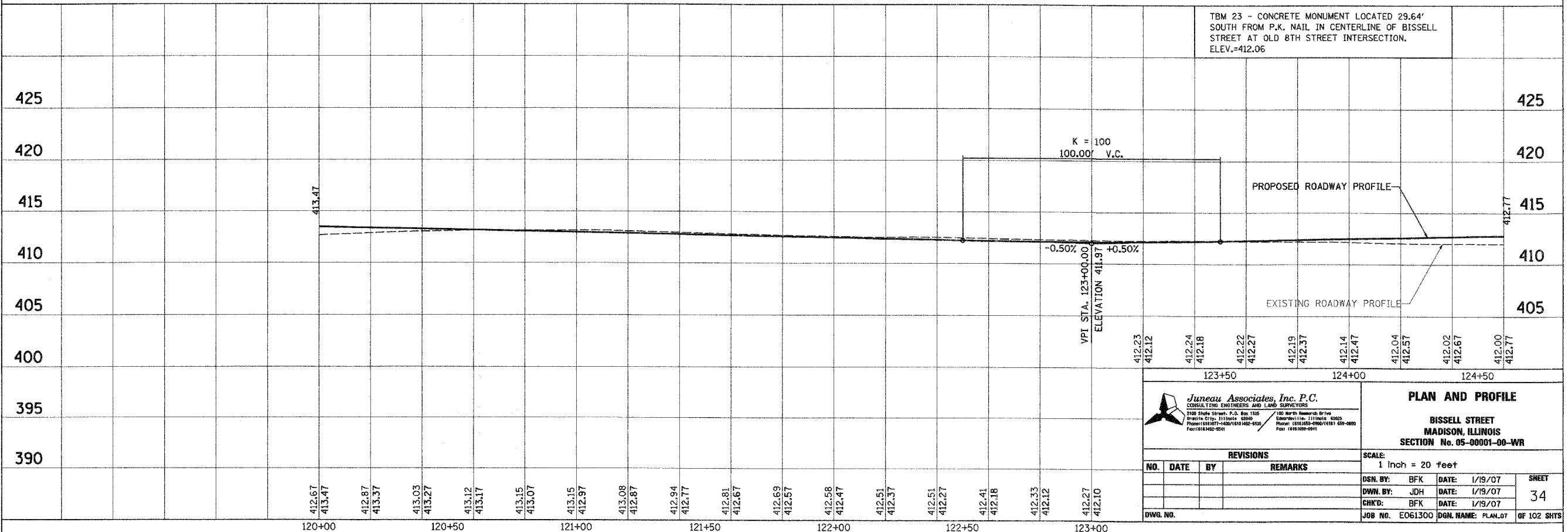
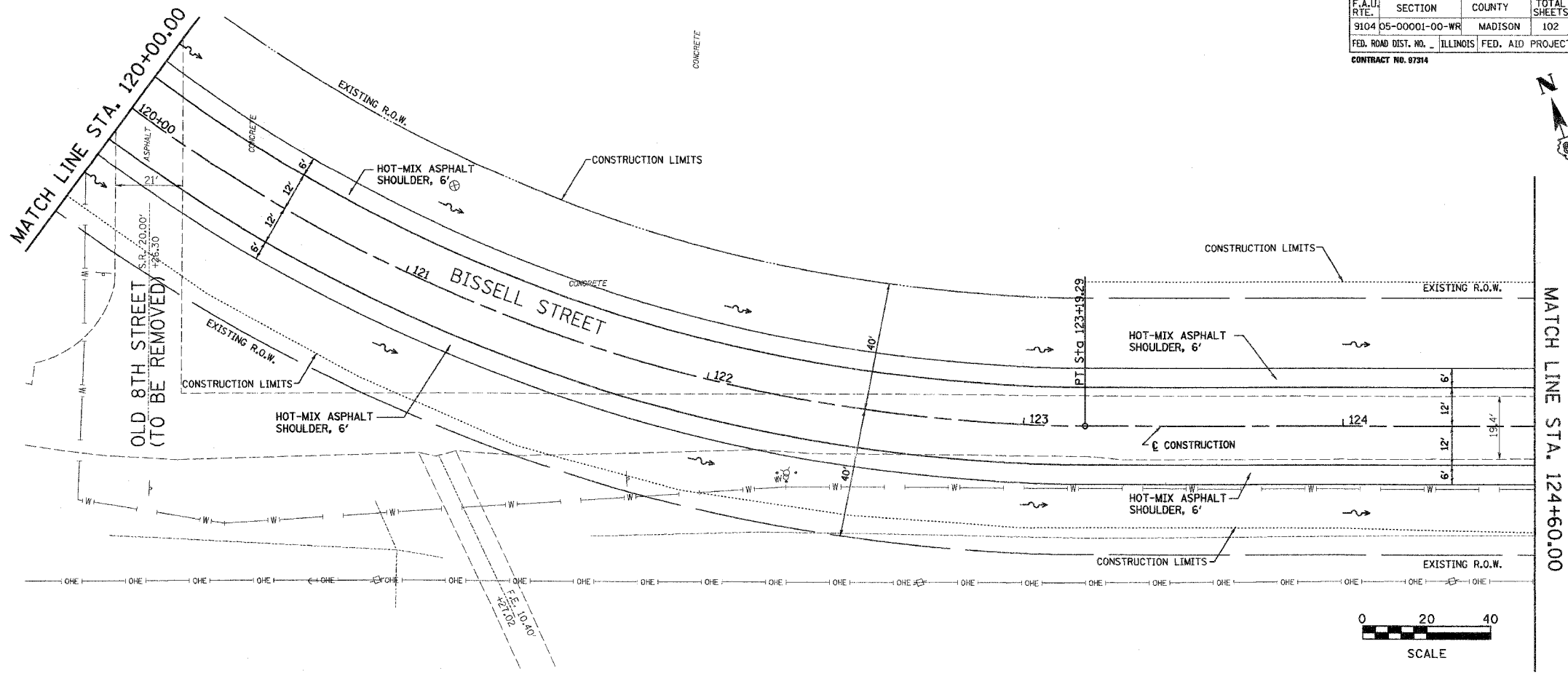
PLAN AND PROFILE
BISSELL STREET
MADISON, ILLINOIS
SECTION No. 05-00001-00-WR

REVISIONS			
NO.	DATE	BY	REMARKS

SCALE: 1 inch = 20 feet

DSN. BY: BFK	DATE: 1/19/07	SHEET 33	
DWN. BY: JDH	DATE: 1/19/07		
CHK'D: BFK	DATE: 1/19/07		
DWG. NO.	JOB NO. E061300	DGN. NAME: PLAN.06	OF 102 SHEETS

F.A.U. SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9104 05-00001-00-WR	MADISON	102	34
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT	
CONTRACT NO. 97914			



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 2108 State Street, P.O. Box 1325
 Granite City, Illinois 62040
 Phone: (618) 977-1400 / (618) 462-5500
 Fax: (618) 962-0241

PLAN AND PROFILE
BISSELL STREET
MADISON, ILLINOIS
SECTION No. 05-00001-00-WR

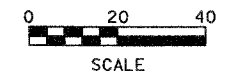
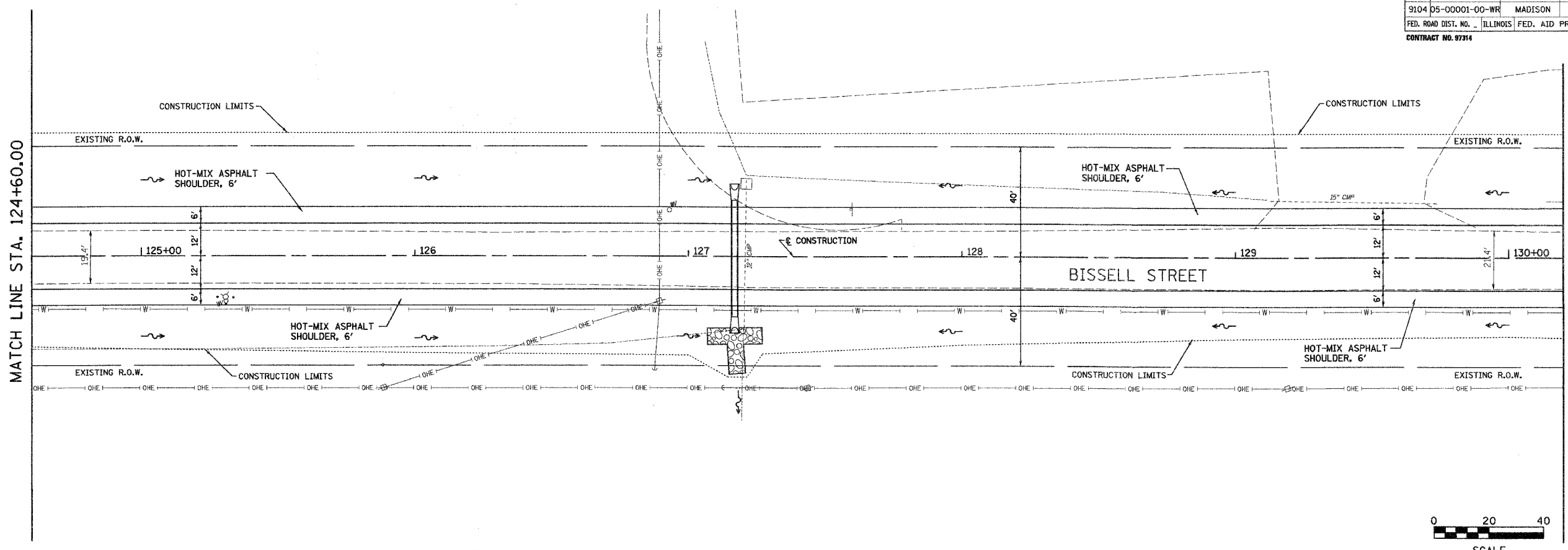
REVISIONS			
NO.	DATE	BY	REMARKS

SCALE: 1 inch = 20 feet		SHEET 34
DSN. BY: BFK	DATE: 1/19/07	
DWN. BY: JDH	DATE: 1/19/07	OF 102 SHEETS
CHK'D: BFK	DATE: 1/19/07	
DWG. NO.	JOB NO. E061300	DGN. NAME: PLAN.07

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

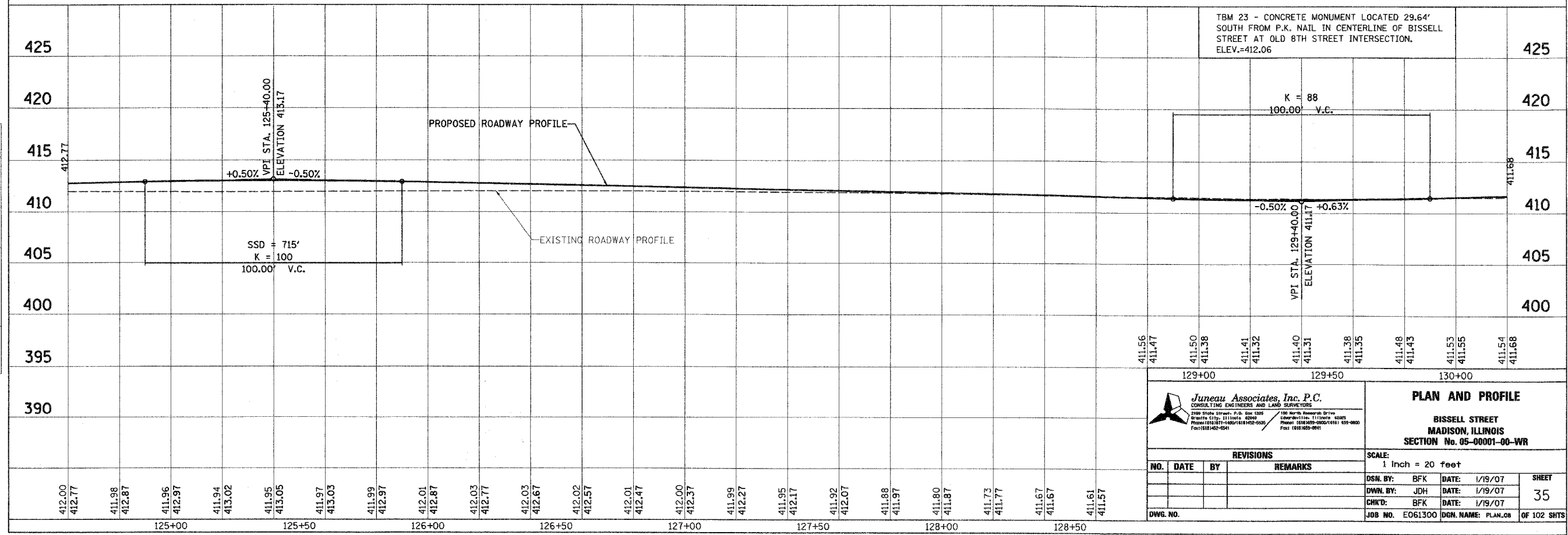
ORIGINAL SURVEYED	BY	DATE
SURVEY PLOTTED		
NOTE BOOK		
TEMPLATE		
AREAS		
CHECKED		
NO.		

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9104	05-00001-00-WR	MADISON	102	35
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 07314				



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

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



TBM 23 - CONCRETE MONUMENT LOCATED 29.64' SOUTH FROM P.K. NAIL IN CENTERLINE OF BISSELL STREET AT OLD 8TH STREET INTERSECTION. ELEV.=412.06

411.56	129+00	411.47
411.50	129+50	411.38
411.41	130+00	411.32
411.40		411.31
411.38		411.35
411.48		411.43
411.53		411.55
411.54		411.68

Juneau Associates, Inc. P.C.
CONSULTING ENGINEERS AND LAND SURVEYORS
2100 State Street, P.O. Box 1300
Madison, Illinois 61702-1300
Phone: (618) 261-1400 / (618) 261-5035
Fax: (618) 462-0541

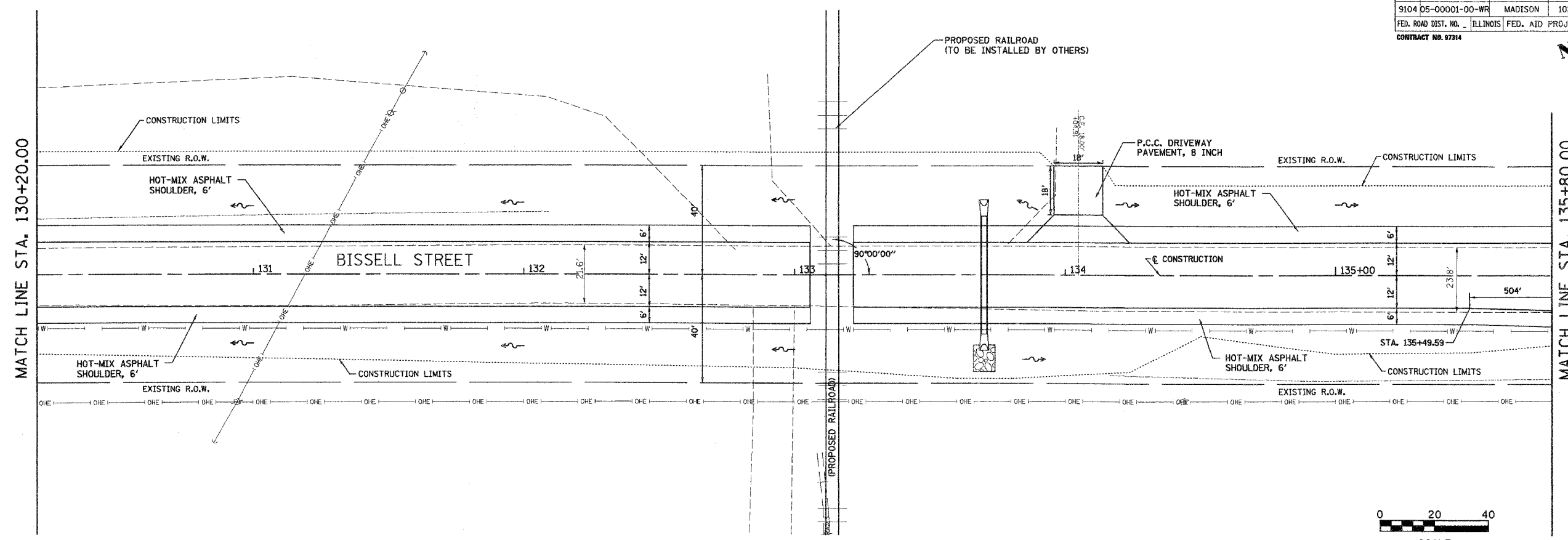
PLAN AND PROFILE
BISSELL STREET
MADISON, ILLINOIS
SECTION No. 05-00001-00-WR

REVISIONS			
NO.	DATE	BY	REMARKS

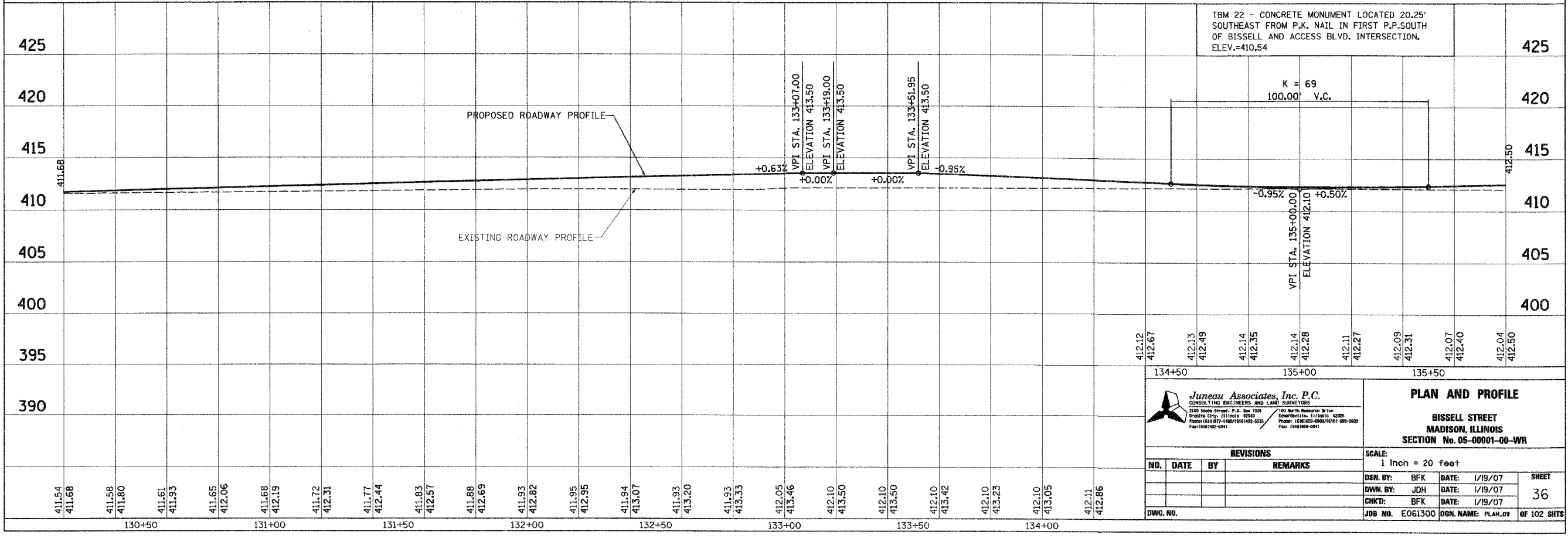
SCALE: 1 Inch = 20 feet			
DSN. BY:	BFK	DATE:	1/19/07
DWN. BY:	JDH	DATE:	1/19/07
CHK'D:	BFK	DATE:	1/19/07
DWG. NO.	JOB NO. E061300	DGN. NAME:	PLAN_08
			SHEET 35 OF 102 SHTS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9104 05-00001-00-WR		MADISON	102	36
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
			CONTRACT NO. 07314	

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



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



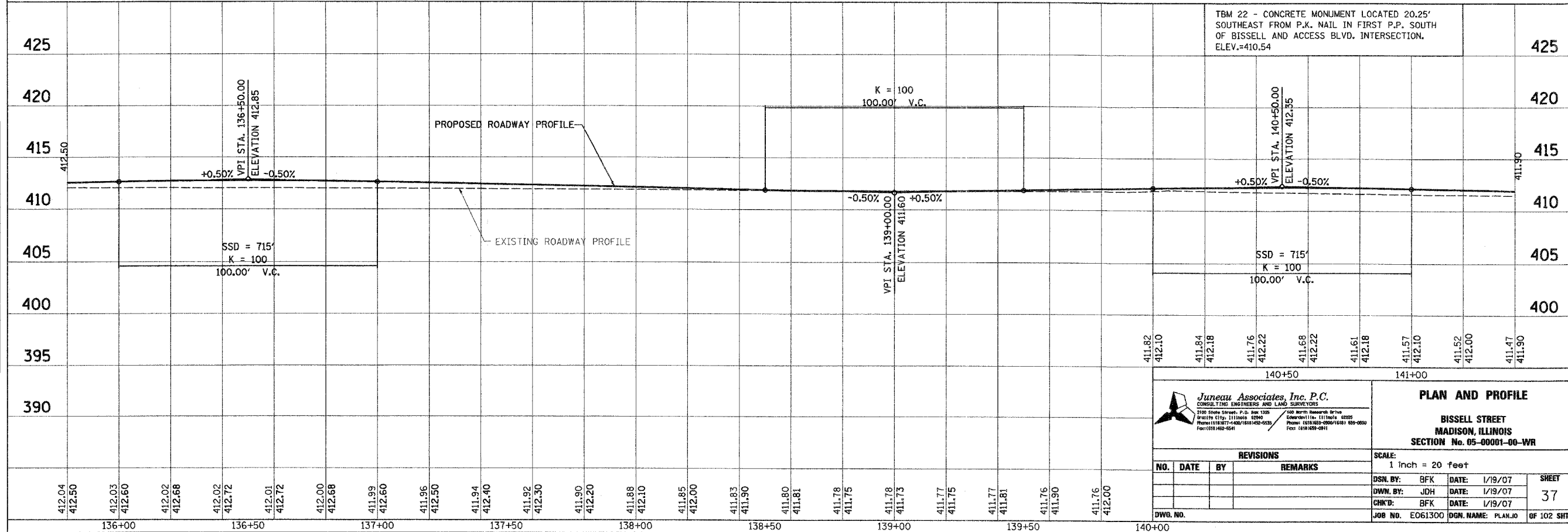
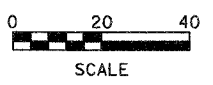
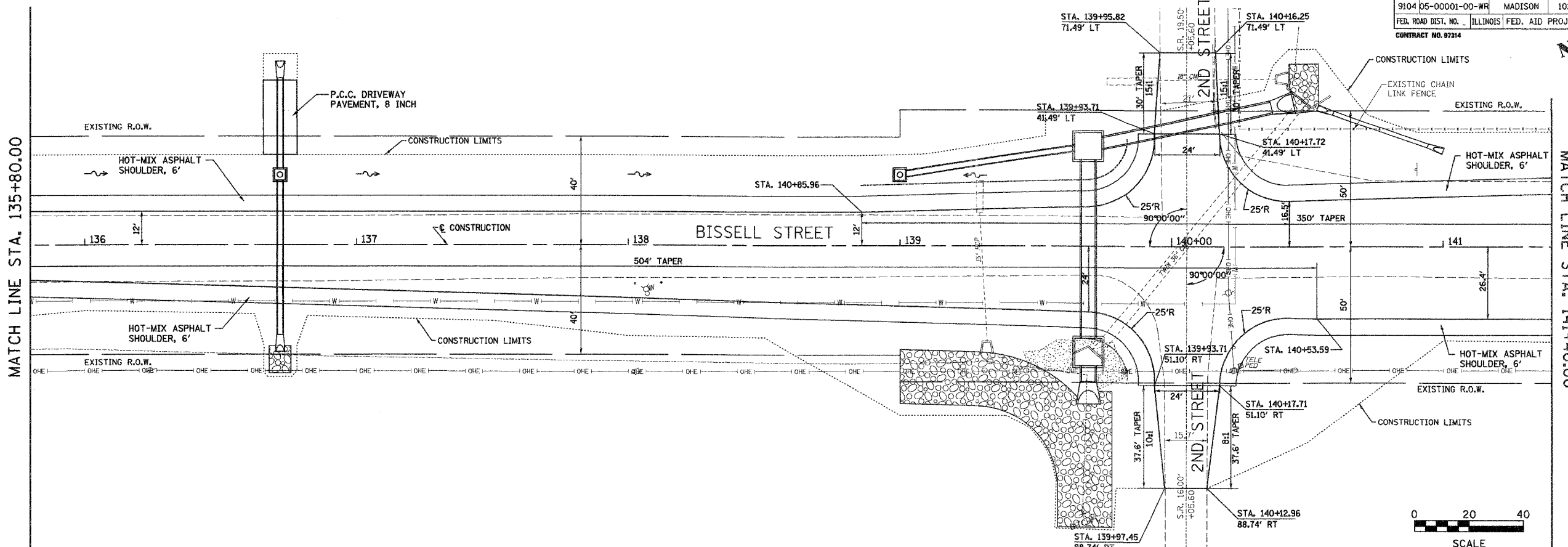
Juneau Associates, Inc. P.C.
CONSULTING ENGINEERS AND LAND SURVEYORS
2108 State Street, P.O. Box 1325
Springfield, Illinois 62704
Phone: (618) 577-1400 / (618) 577-5535
Fax: (618) 577-0241

PLAN AND PROFILE
BISSELL STREET
MADISON, ILLINOIS
SECTION No. 05-00001-00-WR

REVISIONS			
NO.	DATE	BY	REMARKS

SCALE: 1 inch = 20 feet			
DSN. BY: BFK	DATE: 1/19/07	SHEET	
DWN. BY: JDH	DATE: 1/19/07	36	
CHKD: BFK	DATE: 1/19/07		
DWG. NO. E061300	DGN. NAME: PLAN_09	OF 102 SHEETS	

F.A.L. No.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9104	05-00001-00-WR	MADISON	102	37
FED. ROAD DIST. No.	ILLINOIS FED. AID PROJECT			
CONTRACT NO. 97314				



Juneau Associates, Inc. P.C.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 2100 State Street, P.O. Box 1325
 Granite City, Illinois 62040
 Phone: (618) 877-1400 / (618) 462-0535
 Fax: (618) 462-0541

PLAN AND PROFILE
BISSELL STREET
MADISON, ILLINOIS
SECTION No. 05-00001-00-WR

REVISIONS			
NO.	DATE	BY	REMARKS

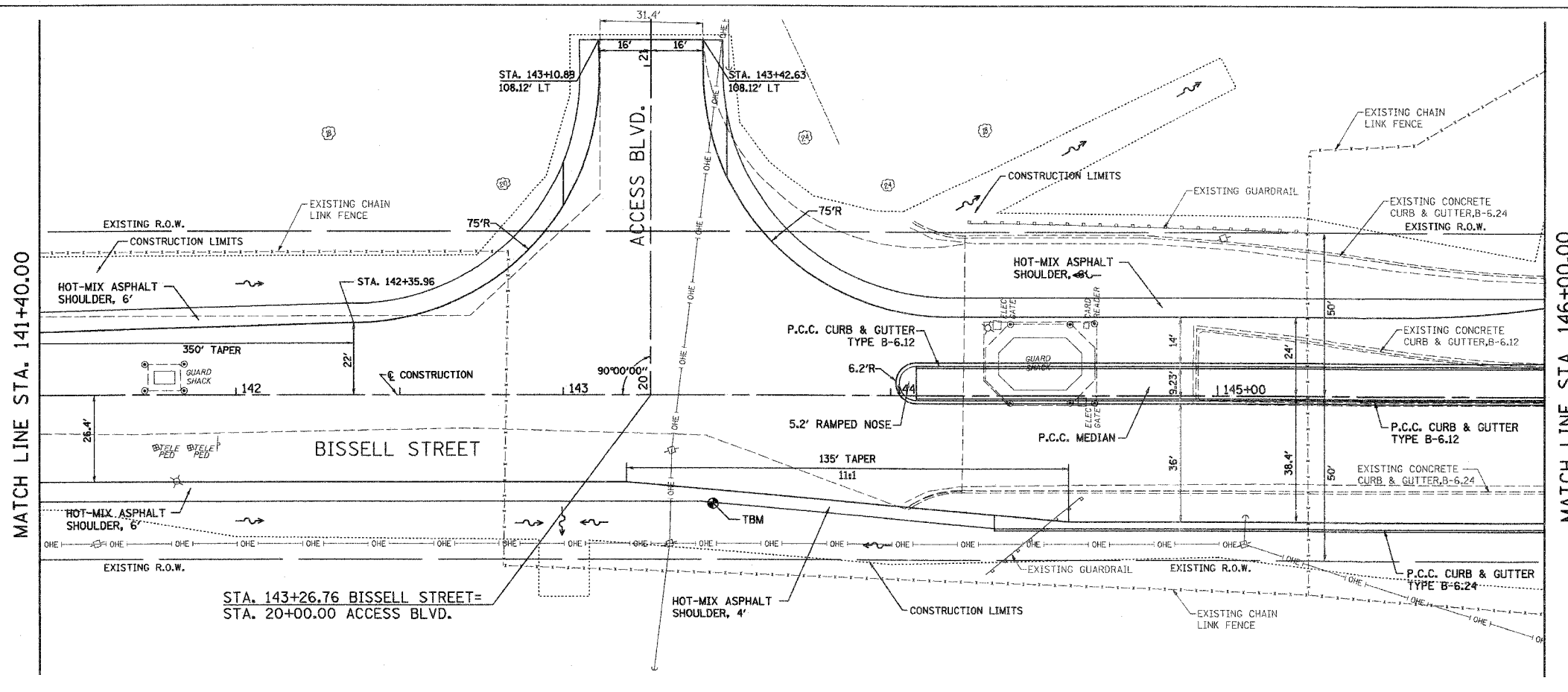
SCALE: 1 inch = 20 feet			
DSN. BY:	BFK	DATE:	1/19/07
OWN. BY:	JDH	DATE:	1/19/07
CHK'D:	BFK	DATE:	1/19/07
DWG. NO.	JOB NO. E061300	DGN. NAME:	PLAN.JO
			OF 102 SHEETS

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

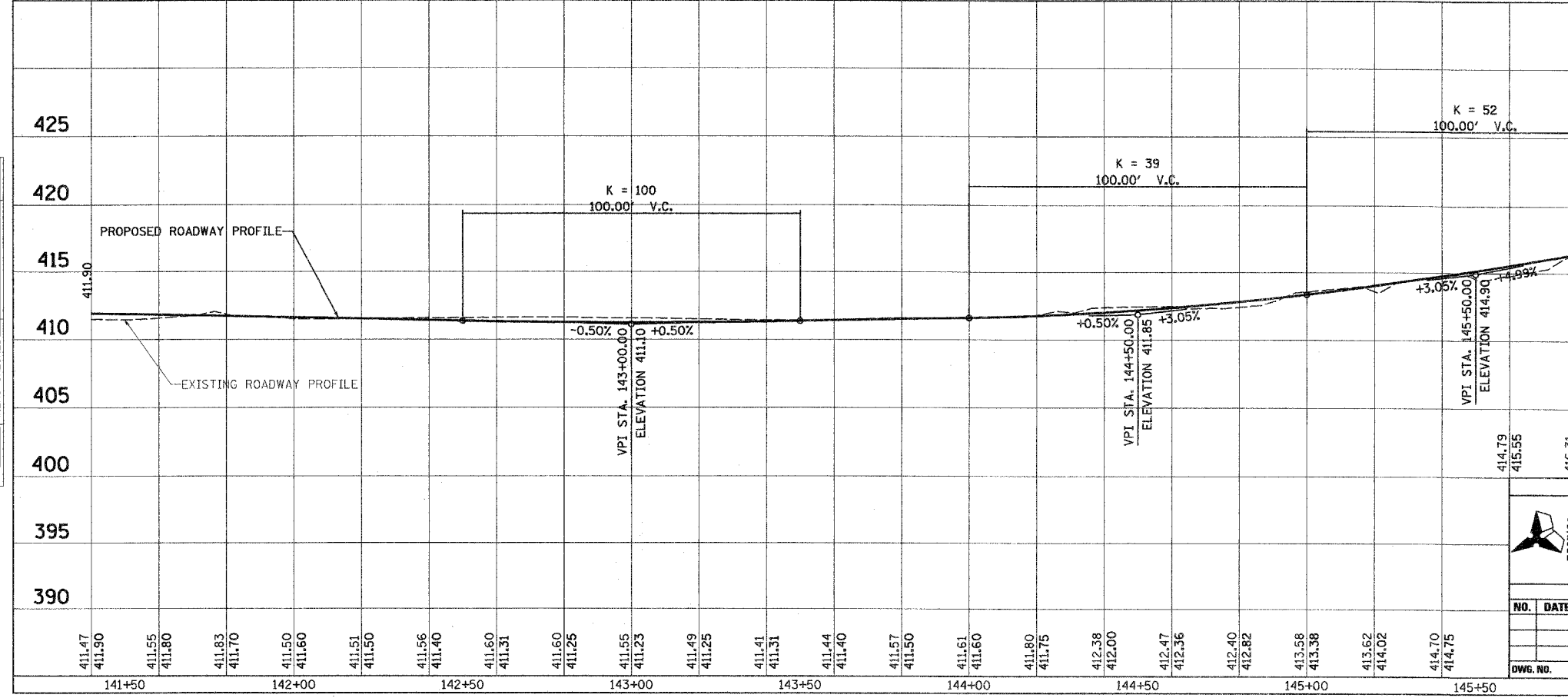
ORIGINAL SURVEY PLOTTED	BY	DATE
NOTE BOOK TEMPLATE		
AREAS CHECKED		
NO.		



BY	DATE



BY	DATE



TBM 22 - CONCRETE MONUMENT LOCATED 20.25' SOUTHEAST FROM P.K. NAIL IN FIRST P.P. SOUTH OF BISSELL AND ACCESS BLVD. INTERSECTION. ELEV.=410.54

Juneau Associates, Inc. P.C.
CONSULTING ENGINEERS AND LAND SURVEYORS
2100 State Street, P.O. Box 1202
Madison, Illinois 62202
Phone: 618-933-4400
Fax: 618-933-4401

PLAN AND PROFILE
BISSELL STREET
MADISON, ILLINOIS
SECTION No. 05-00001-00-WR

REVISIONS			
NO.	DATE	BY	REMARKS

SCALE: 1 Inch = 20 feet
DSN. BY: BFK DATE: 1/19/07 SHEET 38
DWN. BY: JDH DATE: 1/19/07
CHK'D: BFK DATE: 1/19/07
JOB NO. E061300 DGN. NAME: PLAN.LR OF 102 SHTS

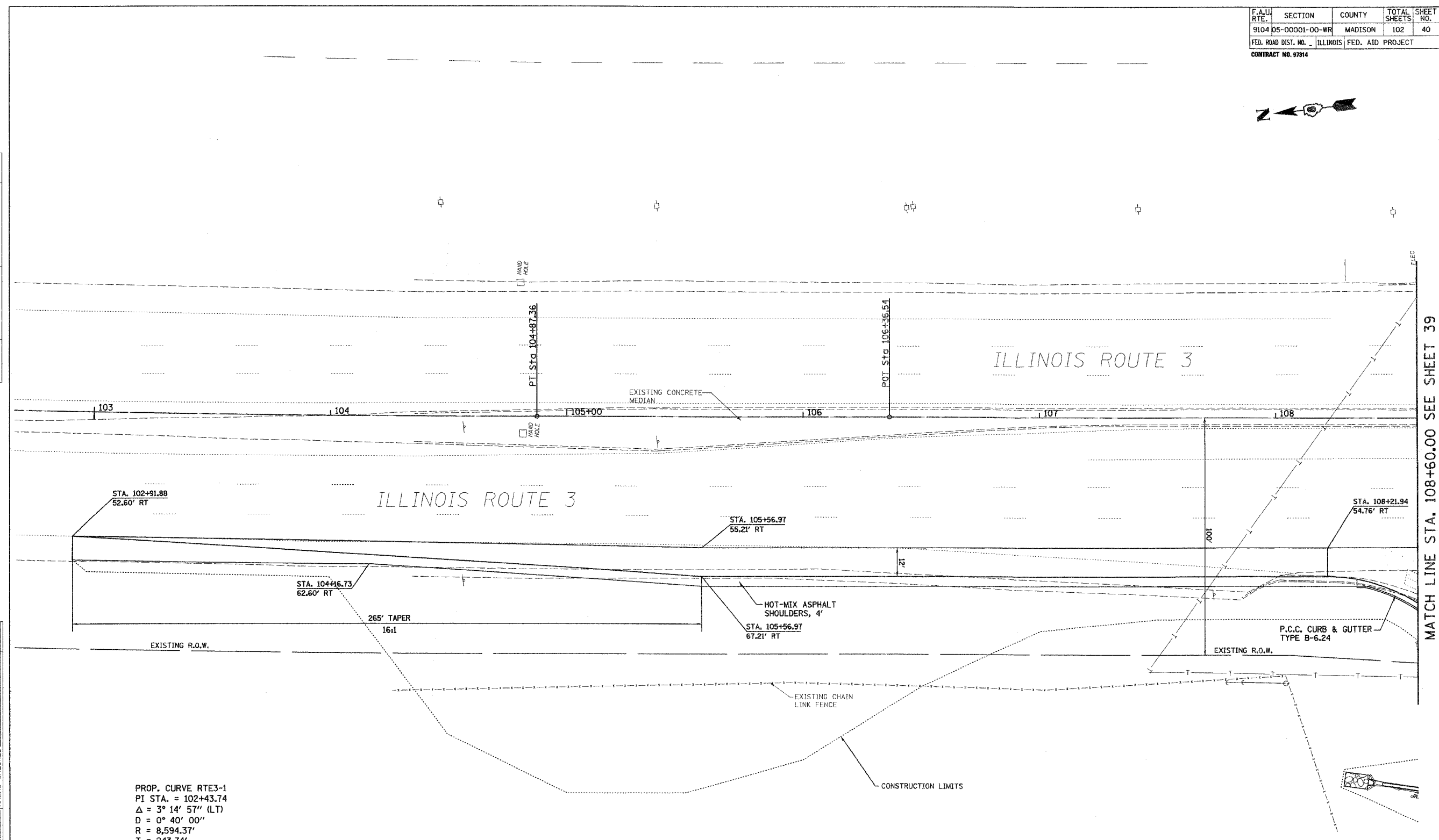
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141+50		142+00				142+50						143+00											143+50																				145+00		145+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9104 05-00001-00-WR		MADISON	102	40
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 97314				

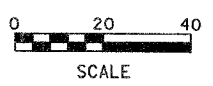


FINAL SURVEYED	DATE
SURVEY PLOTTED	
NOTE BOOK TEMPLATE	
AREAS CHECKED	
NO.	

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



PROP. CURVE RTE3-1
 PI STA. = 102+43.74
 $\Delta = 3^\circ 14' 57''$ (LT)
 $D = 0^\circ 40' 00''$
 $R = 8,594.37'$
 $T = 243.74'$
 $L = 487.36'$
 $E = 3.46'$
 P.C. STA = 100+00.00
 P.T. STA = 104+87.36



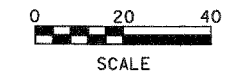
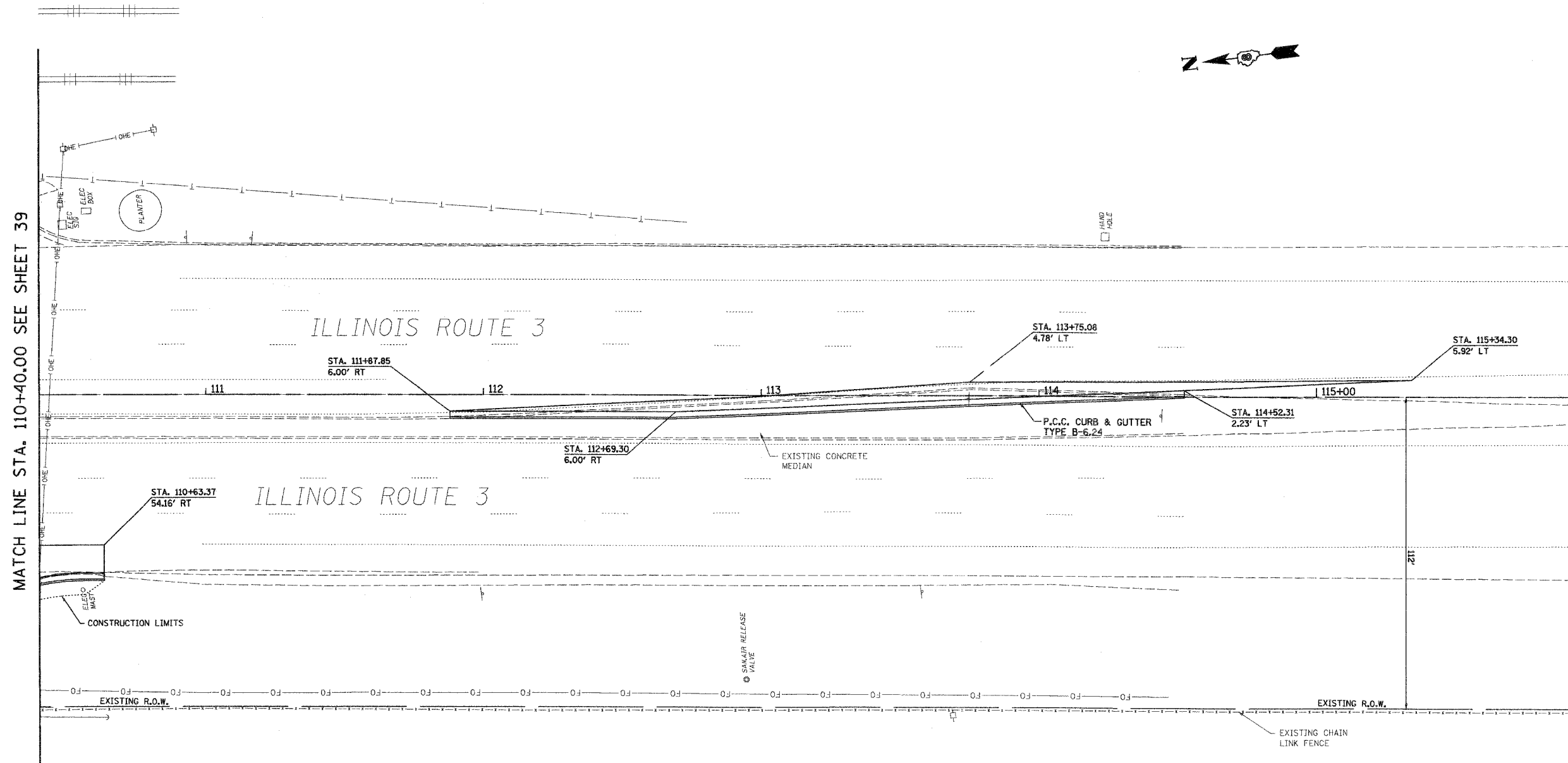
MATCH LINE STA. 108+60.00 SEE SHEET 39

<p>Juneau Associates, Inc. P.C. CONSULTING ENGINEERS AND LAND SURVEYORS 2100 State Street, P.O. Box 1300, Springfield, IL 62764-0300 Phone: (618) 237-1400 / (618) 452-9534 Fax: (618) 237-0941 100 North Research Dr. New Albany, IL 62450 Phone: (618) 269-0900 / (618) 635-0000 Fax: (618) 269-0941</p>		<p align="center">PLAN</p> <p align="center">BISSELL STREET MADISON, ILLINOIS SECTION No. 05-00001-00-WR</p>											
<p align="center">REVISIONS</p> <table border="1"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>BY</th> <th>REVISIONS</th> <th>REMARKS</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>		NO.	DATE	BY	REVISIONS	REMARKS						<p>SCALE: 1 inch = 20 feet</p>	
NO.	DATE	BY	REVISIONS	REMARKS									
<p>DWG. NO.</p>		<p>DSN. BY: BFK DATE: 1/19/07 SHEET</p> <p>DWN. BY: JDH DATE: 1/19/07 40</p> <p>CHK'D: BFK DATE: 1/19/07</p> <p>JOB NO. E061300 DGN. NAME: PLAN.03 OF 102 SHTS</p>											

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT				
CONTRACT NO. 97314				

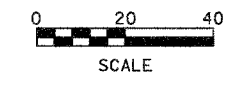
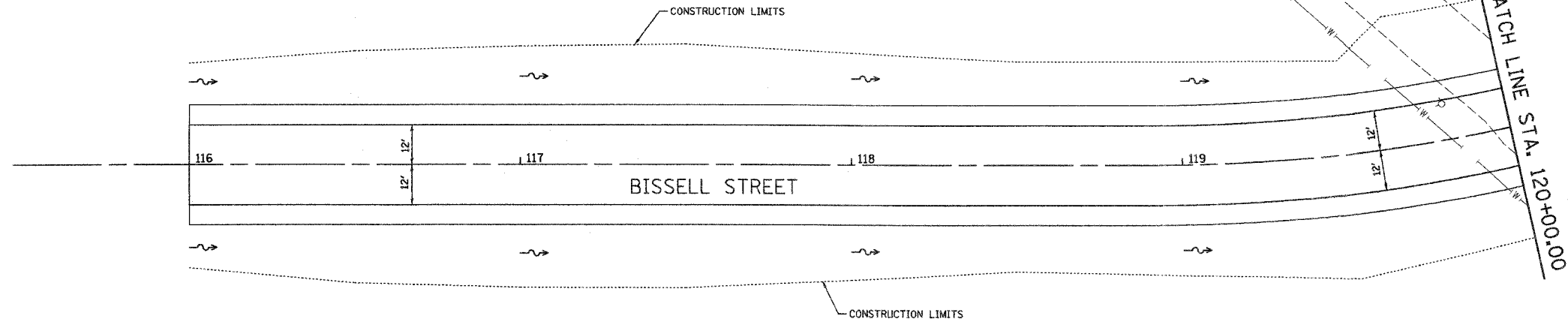
BY	DATE
FINAL SURVEYED	
SURVEY PLOTTED	
NOTE BOOK	
TEMPLATE	
AREAS CHECKED	
NO.	

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



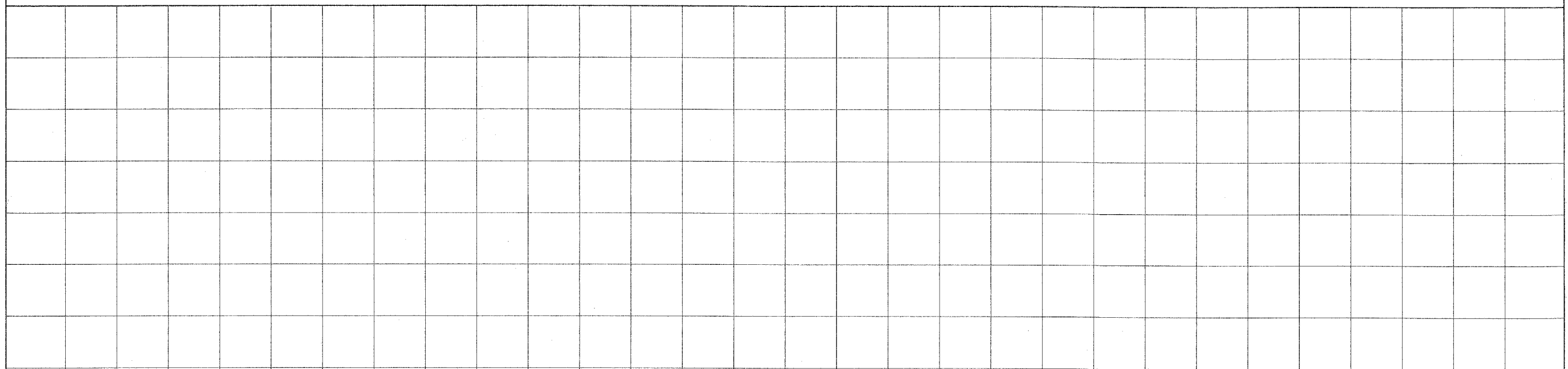
<p>Juneau Associates, Inc. P.C. CONSULTING ENGINEERS AND LAND SURVEYORS 2100 Stone Street, P.O. Box 1322 Madison, IL 61704-0132 Phone: (618) 277-1000 / (618) 277-0555 Fax: (618) 277-0541</p>		<p align="center">PLAN</p> <p align="center">BISSELL STREET MADISON, ILLINOIS SECTION No. 05-0001-00-WR</p>	
<p>SCALE: 1 inch = 20 feet</p>		<p>DSN. BY: BFK DATE: 1/19/07</p> <p>DWN. BY: JDH DATE: 1/19/07</p> <p>CHKD: BFK DATE: 1/19/07</p>	
<p>DWG. NO.</p>		<p>JOB NO. E061300 DGN. NAME: PLAN14 OF 102 SHTS</p>	


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9104	05-00001-00-WR	MADISON	102	42
FED. ROAD DIST. NO. _		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 97314				



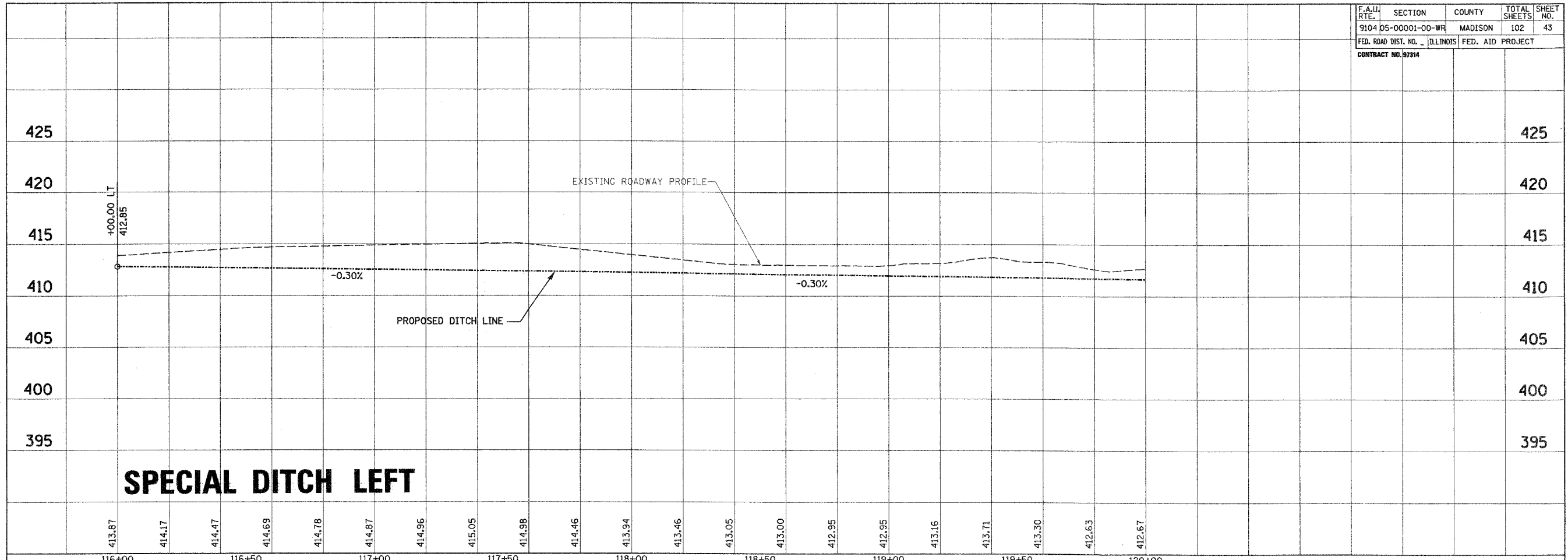
FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO. _____	TEMP. DATE		
	AREAS CHECKED		

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

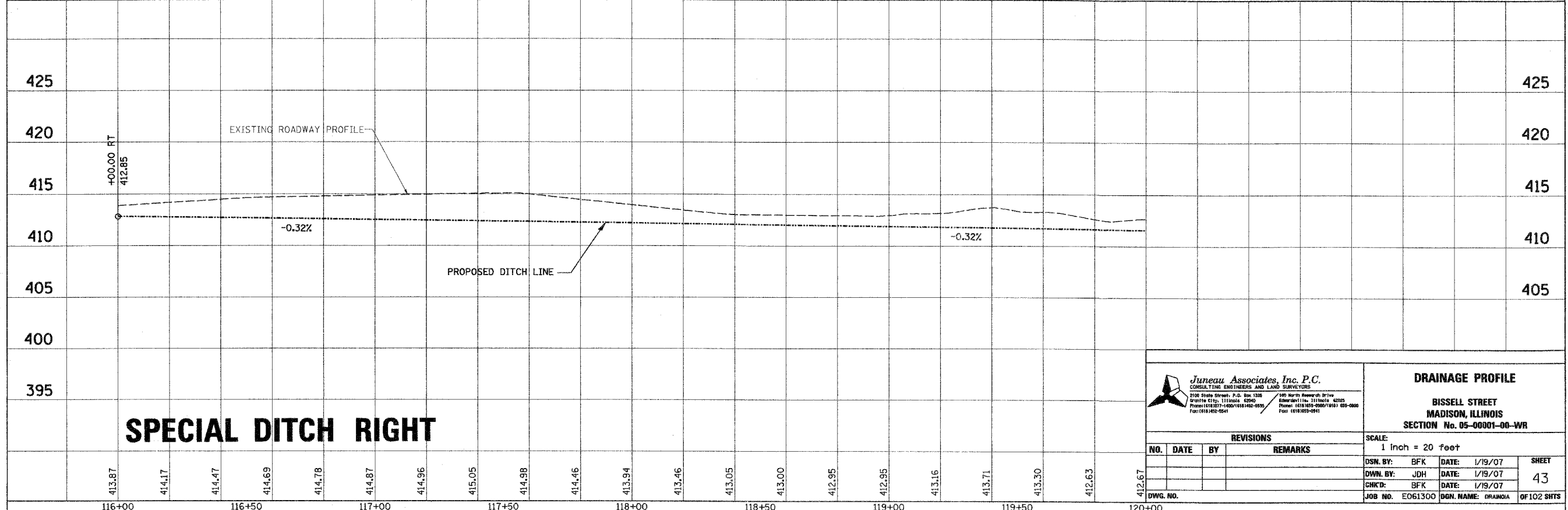


 Juneau Associates, Inc. P.C. CONSULTING ENGINEERS AND LAND SURVEYORS <small>2100 State Street, P.O. Box 1325 Madison, WI 53703-0325 Phone: (608) 261-4000 / (608) 261-4001 Fax: (608) 261-4001</small>		DRAINAGE PLAN BISSELL STREET MADISON, ILLINOIS SECTION No. 05-00001-00-WR									
REVISIONS <table border="1"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>BY</th> <th>REMARKS</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>		NO.	DATE	BY	REMARKS					SCALE: 1 Inch = 20 feet	
NO.	DATE	BY	REMARKS								
DSN. BY: BFK DWN. BY: JDH CHK'D: BFK		DATE: 1/19/07 DATE: 1/19/07 DATE: 1/19/07									
DWG. NO.		JOB NO. E061300 DGN. NAME: DRAINAGE OF 102 SHTS									
		SHEET 42									

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



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



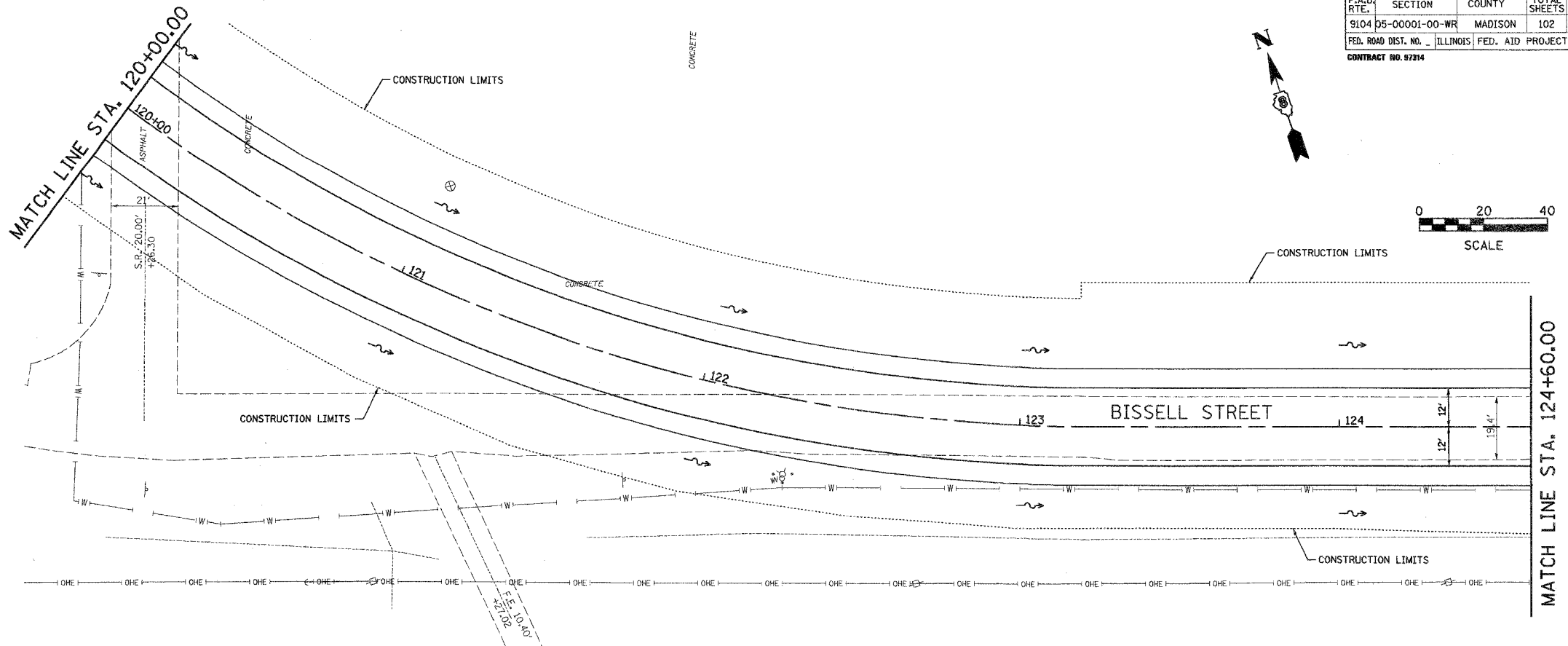
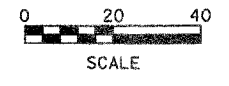
Juneau Associates, Inc. P.C.
CONSULTING ENGINEERS AND LAND SURVEYORS
2108 South Street, P.O. Box 1328
Springfield, Illinois 62704
Phone (618) 277-4000/4001-5000
Fax (618) 492-0541

DRAINAGE PROFILE
BISSELL STREET
MADISON, ILLINOIS
SECTION No. 05-00001-00-WR

REVISIONS			
NO.	DATE	BY	REMARKS

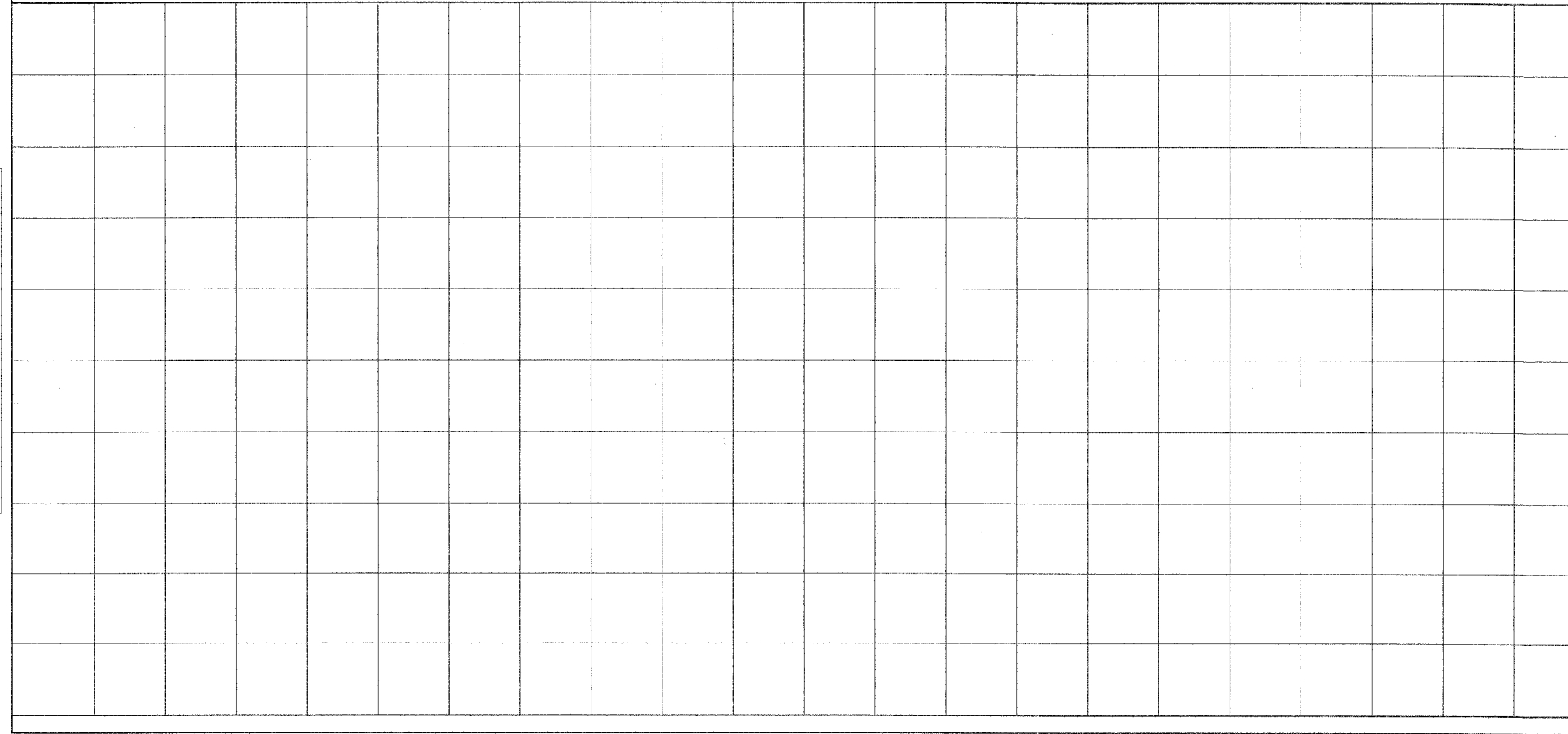
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DSN. BY: BFK	DATE: 1/19/07	SHEET	
DNW. BY: JDH	DATE: 1/19/07	43	
CHK'D: BFK	DATE: 1/19/07		
JOB NO. E061300	DGN. NAME: DRAINAGE	OF 102 SHTS	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9104 05-00001-00-WR	MADISON	ILLINOIS	102	44
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				
CONTRACT NO. 97314				



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

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



Juneau Associates, Inc. P.C.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 2100 State Street, P.O. Box 1200 / 100 North Hennepin Drive
 Decatur, IL 62521 / Madison, IL 62205
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DRAINAGE PLAN
BISSELL STREET
MADISON, ILLINOIS
SECTION No. 05-00001-00-WR

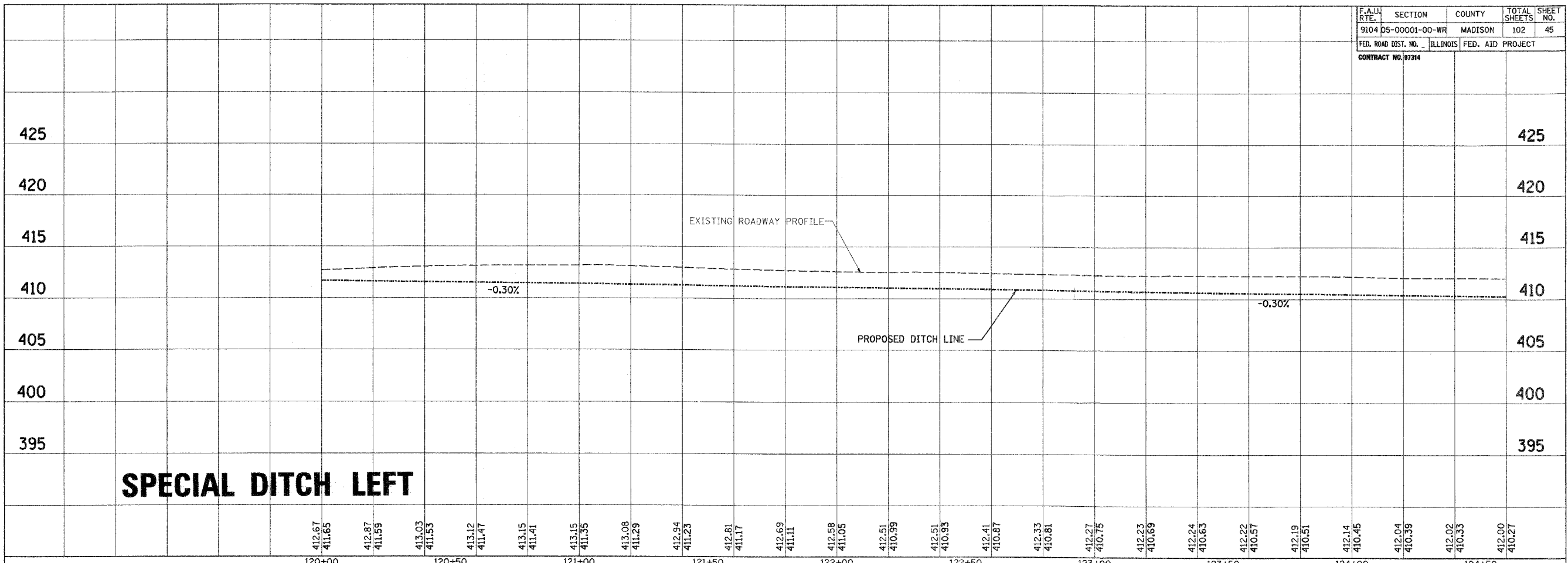
REVISIONS			
NO.	DATE	BY	REMARKS

SCALE: 1 inch = 20 feet			
DSN. BY:	BFK	DATE:	1/19/07
DWN. BY:	JDH	DATE:	1/19/07
CHKD. BY:	BFK	DATE:	1/19/07
DWG. NO.	E061300	DGN. NAME:	DRAIN02
			OF 102 SHTS

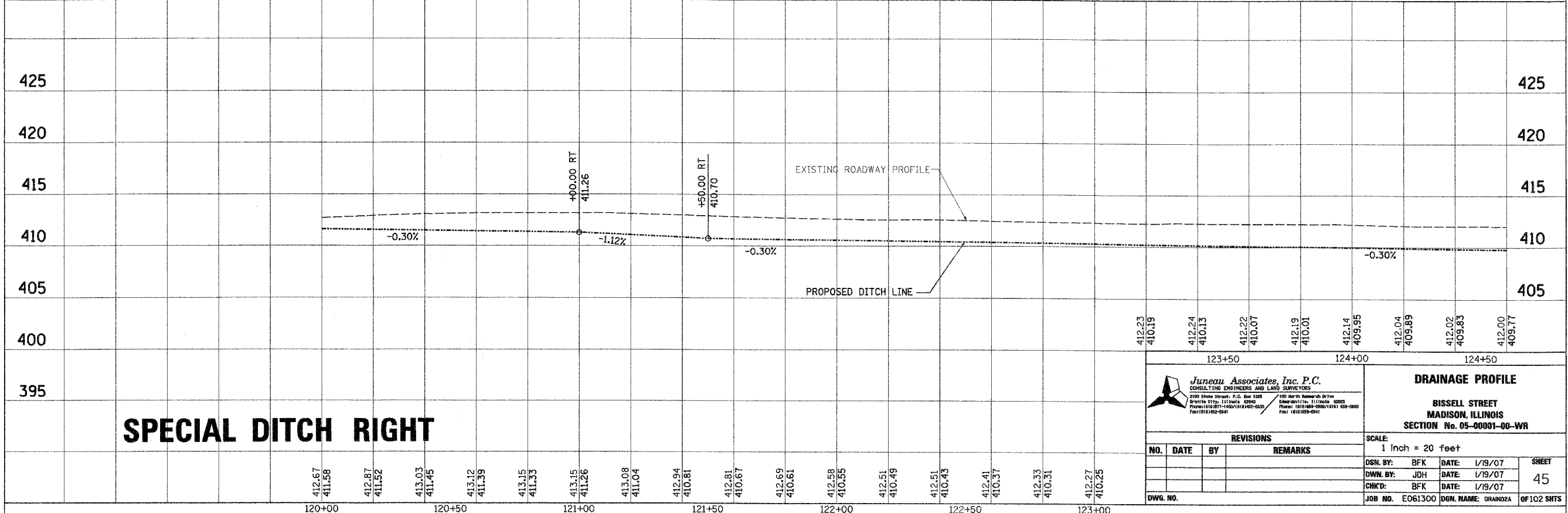
MATCH LINE STA. 124+60.00

F.A.U. SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9104 05-00001-00-WR	MADISON	102	45
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 07314			

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



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



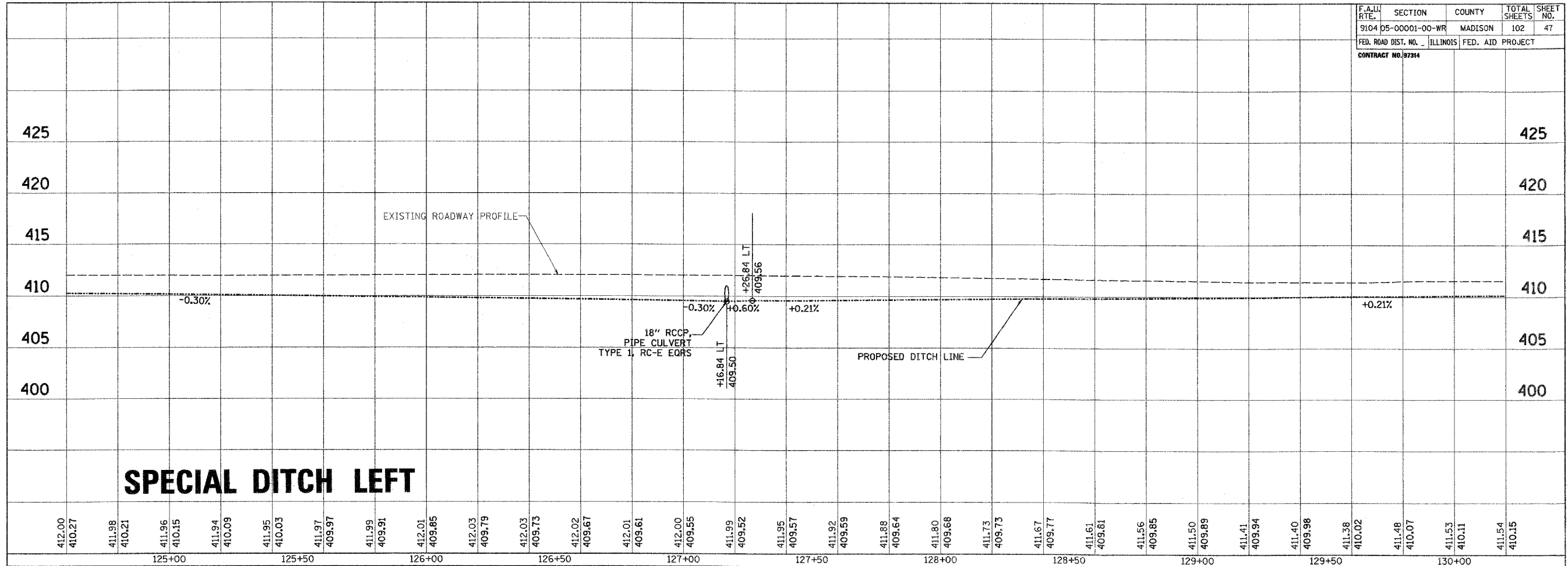
Juneau Associates, Inc. P.C.
CONSULTING ENGINEERS AND LAND SURVEYORS
2000 Stone Street, P.O. Box 1208
Springfield, Illinois 62702
Phone: (618) 277-1400 / (618) 262-6335
Fax: (618) 262-6341

DRAINAGE PROFILE
BISSELL STREET
MADISON, ILLINOIS
SECTION No. 05-00001-00-WR

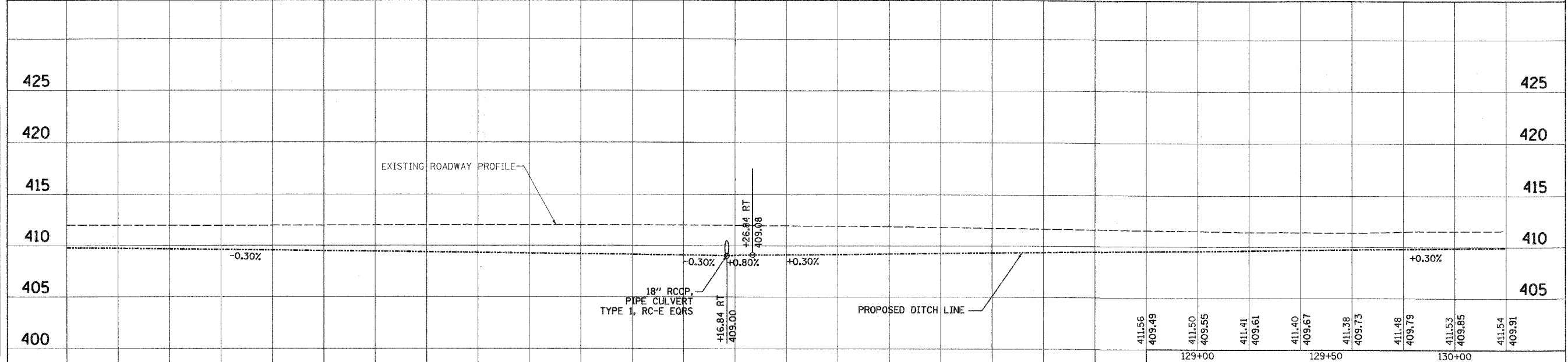
REVISIONS			
NO.	DATE	BY	REMARKS

SCALE: 1 inch = 20 feet			
DSN. BY:	BFK	DATE:	1/19/07
DWN. BY:	JDH	DATE:	1/19/07
CHKD.:	BFK	DATE:	1/19/07
DWG. NO.	JOB NO. E061300	DEN. NAME:	DRAINAGE
			OF 102 SHTS

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



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



SPECIAL DITCH LEFT

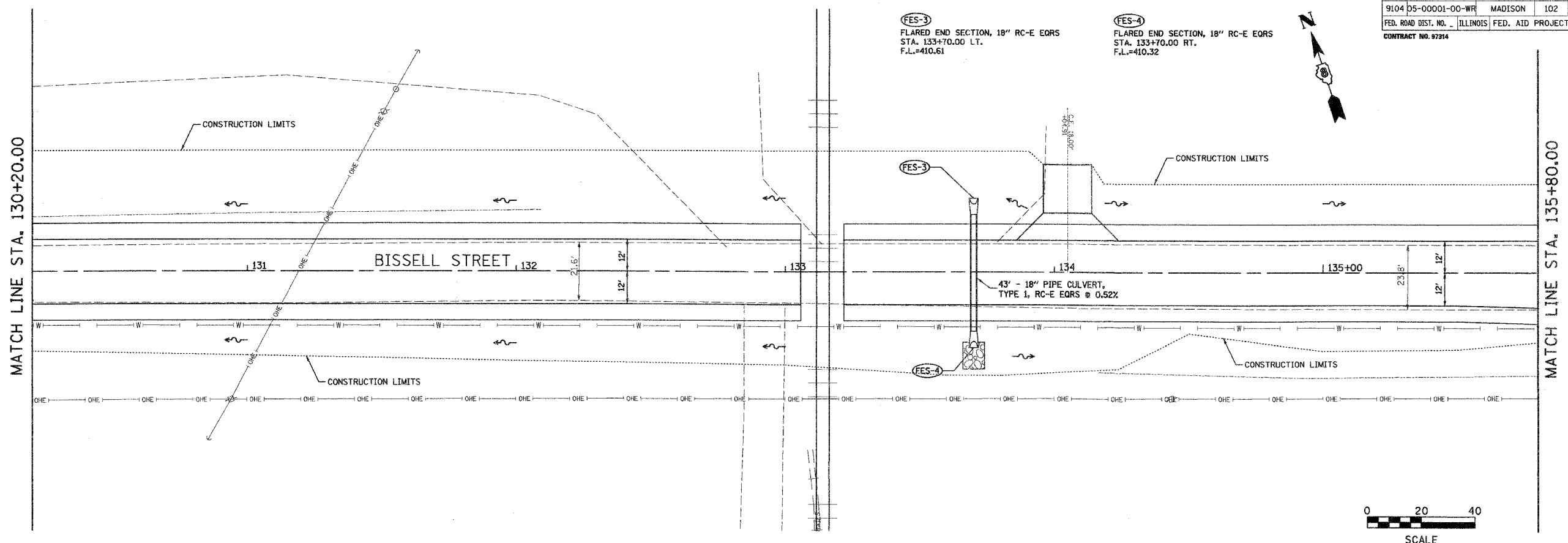
SPECIAL DITCH RIGHT

<p>Juneau Associates, Inc. P.C. CONSULTING ENGINEERS AND LAND SURVEYORS 2100 State Street, P.O. Box 1326 Madison, IL 62601-0132 Phone: (618) 877-1111 Fax: (618) 877-1111 100 North Hancock Drive Springfield, IL 62761 Phone: (618) 529-0000 Fax: (618) 529-0000</p>		<p>DRAINAGE PROFILE</p> <p>BISSELL STREET MADISON, ILLINOIS SECTION No. 05-00001-00-WR</p>	
<p>SCALE: 1 Inch = 20 feet</p>		<p>DSN. BY: BFK DATE: 1/19/07</p> <p>OWN. BY: JDH DATE: 1/19/07</p> <p>CHK'D: BFK DATE: 1/19/07</p>	
<p>DWG. NO.</p>		<p>JOB NO. E061300 DGN. NAME: DRANKOJA OF 102 SHTS</p>	

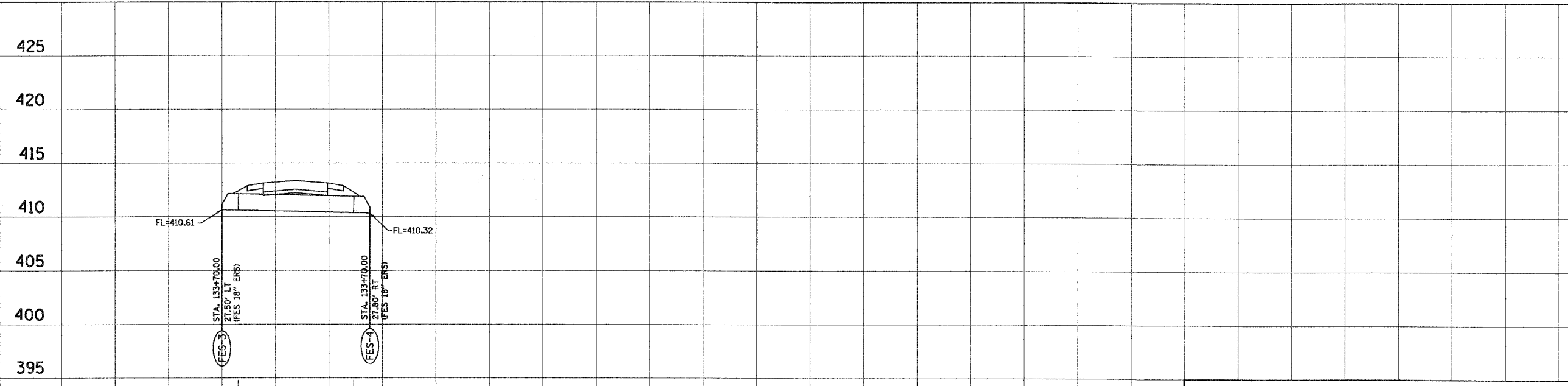
REVISIONS			
NO.	DATE	BY	REMARKS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9104	05-00001-00-WR	MADISON	102	48
FED. ROAD DIST. NO. - ILLINOIS		FED. AID PROJECT		
CONTRACT NO. 97314				

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



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



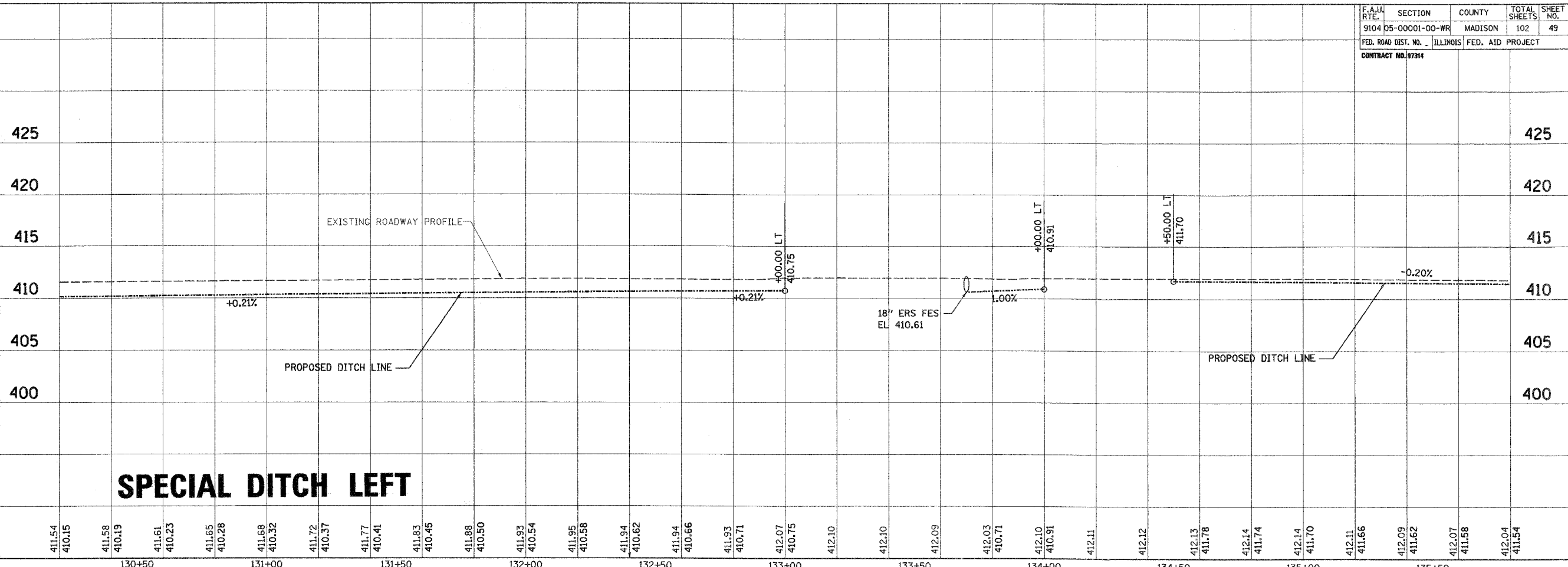
Juneau Associates, Inc. P.C.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 2000 State Street, S.E. Box 1320
 Graysville City, Illinois 62404
 Phone: (618) 387-4400 / (618) 387-5500
 Fax: (618) 387-4541

DRAINAGE PLAN
BISSELL STREET
MADISON, ILLINOIS
SECTION No. 05-00001-00-WR

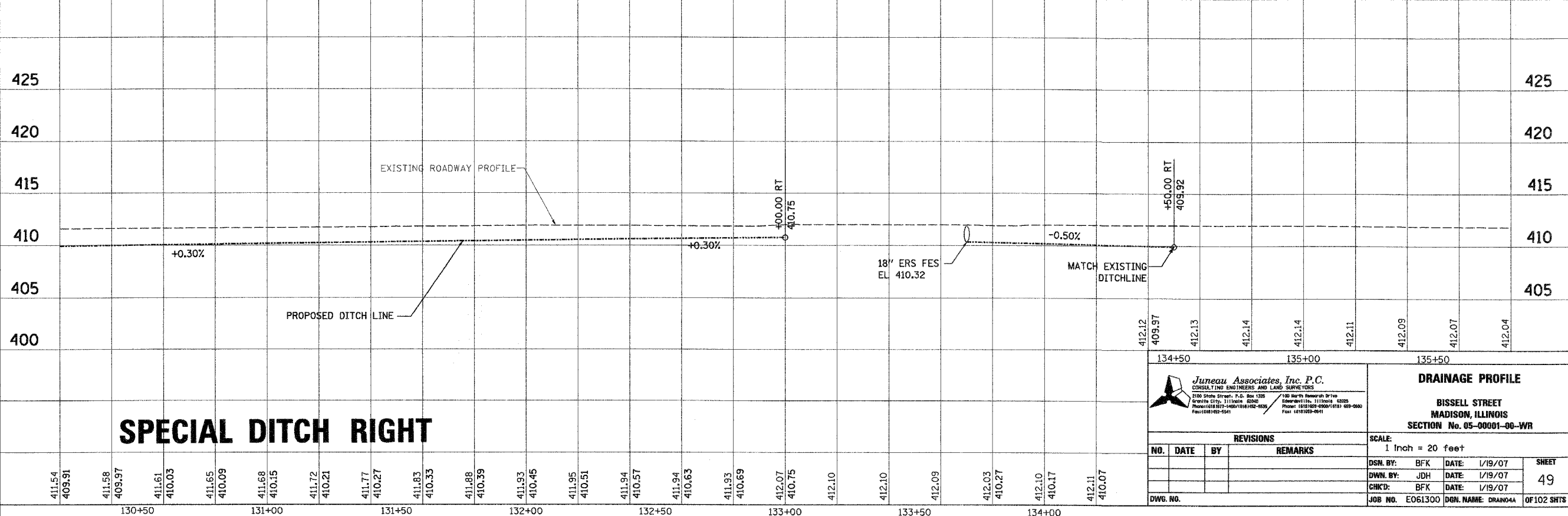
REVISIONS			
NO.	DATE	BY	REMARKS

SCALE: 1 Inch = 20 feet			
DSN. BY:	BFK	DATE:	1/19/07
DWN. BY:	JDH	DATE:	1/19/07
CHKD. BY:	BFK	DATE:	1/19/07
DWG. NO.	E061300	DGN. NAME:	DRAIN04
SHEET			48
OF 102 SHTS			

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



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

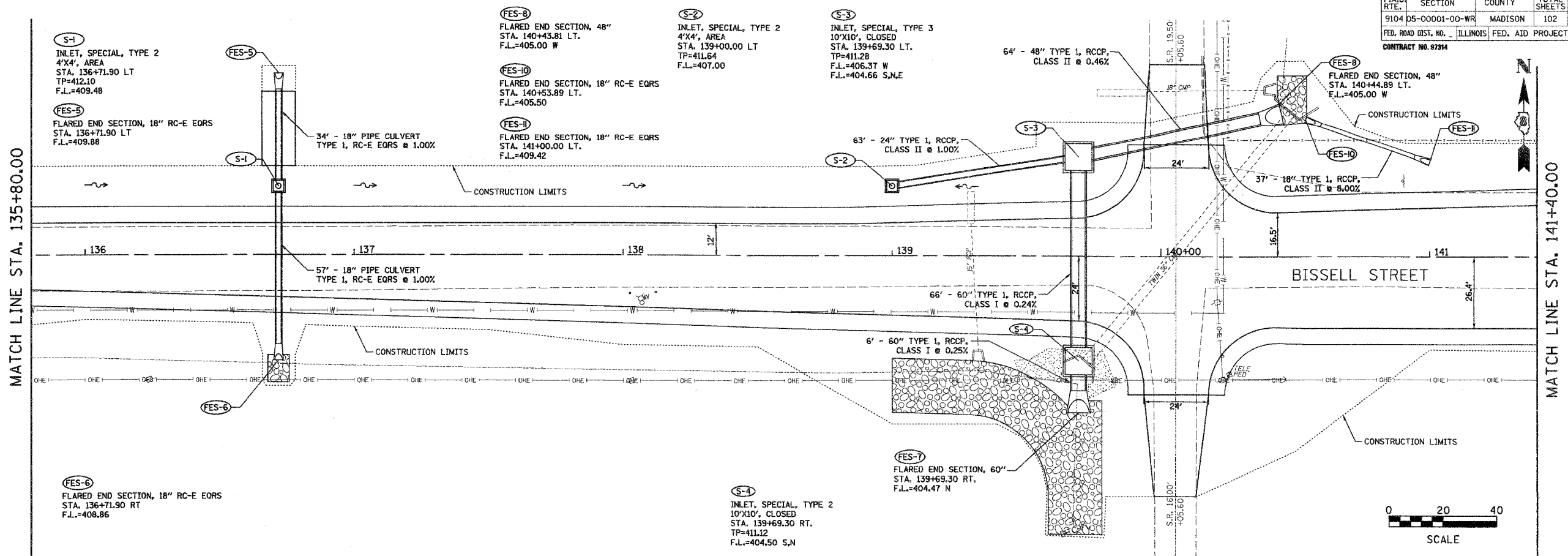


Juneau Associates, Inc. P.C.
CONSULTING ENGINEERS AND LAND SURVEYORS
2100 Stone Street, P.O. Box 1020
Grainville, IL 61830
Phone: (618) 375-4000 / (618) 375-4001
Fax: (618) 375-4001

DRAINAGE PROFILE
BISSELL STREET
MADISON, ILLINOIS
SECTION No. 05-0001-00-WR

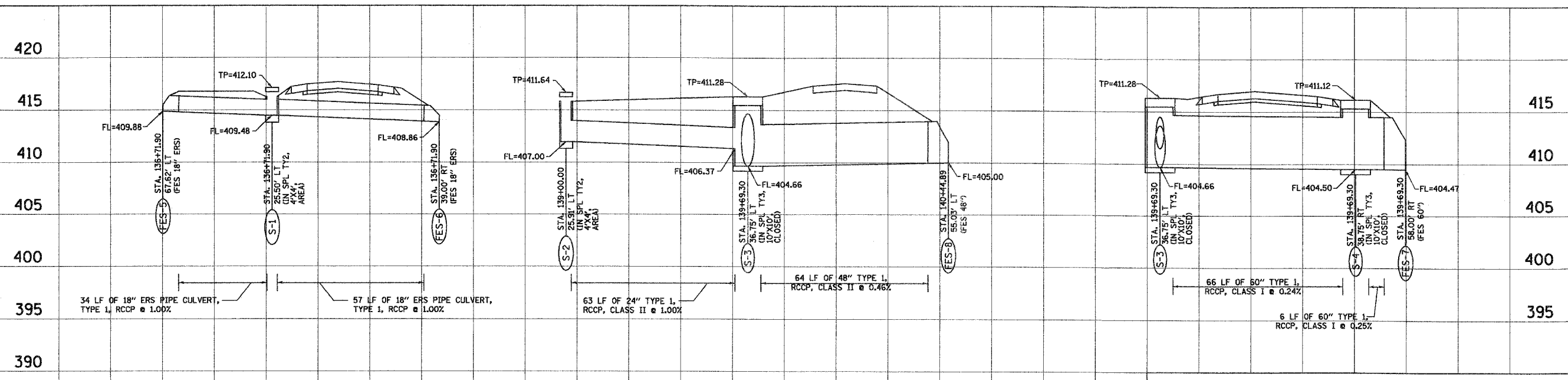
REVISIONS			
NO.	DATE	BY	REMARKS

SCALE: 1 Inch = 20 feet			
DSN. BY: BFK	DATE: 1/19/07	SHEET	
DWN. BY: JDH	DATE: 1/19/07	49	
CHK'D: BFK	DATE: 1/19/07		
DWG. NO. E061300	DGN. NAME: DRAB04A	OF 102 SHTS	



BY	DATE
SURVEYED	
PLOTTED	
NOTE BOOK	
TEMPLATE	
AREAS CHECKED	
NO.	

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



Junell Associates, Inc. P.C.
CONSULTING ENGINEERS AND LAND SURVEYORS
2100 State Street, P.O. Box 1325
Granite City, Illinois 62040
Phone: (618) 938-4000 / (618) 938-4001
Fax: (618) 938-4001

DRAINAGE PLAN AND PROFILE

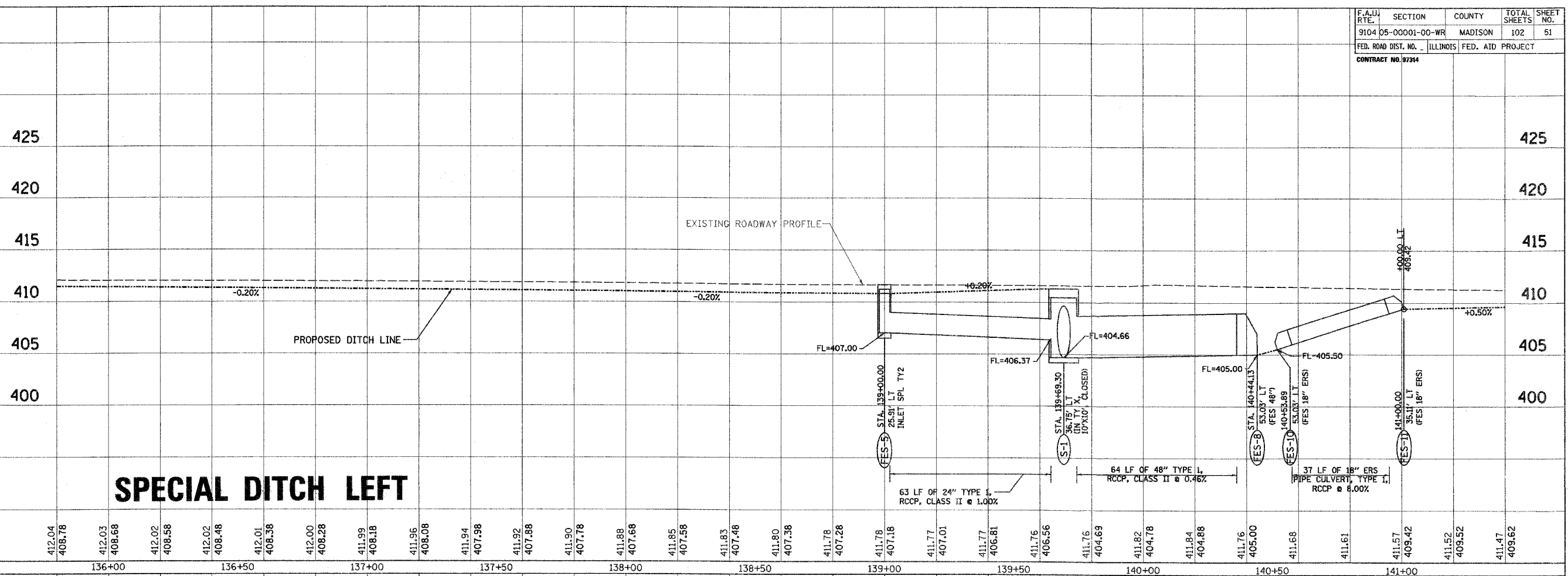
BISSELL STREET
MADISON, ILLINOIS
SECTION No. 05-00001-06-WR

REVISIONS			
NO.	DATE	BY	REMARKS

SCALE: 1 inch = 20 feet			
DSN. BY: BFK	DATE: 1/19/07	SHEET	
DWN. BY: JDH	DATE: 1/19/07	50	
CHK'D: BFK	DATE: 1/19/07		
DWG. NO.	JOB NO. E061300	DGN. NAME: DRANOS	OF 102 SHTS

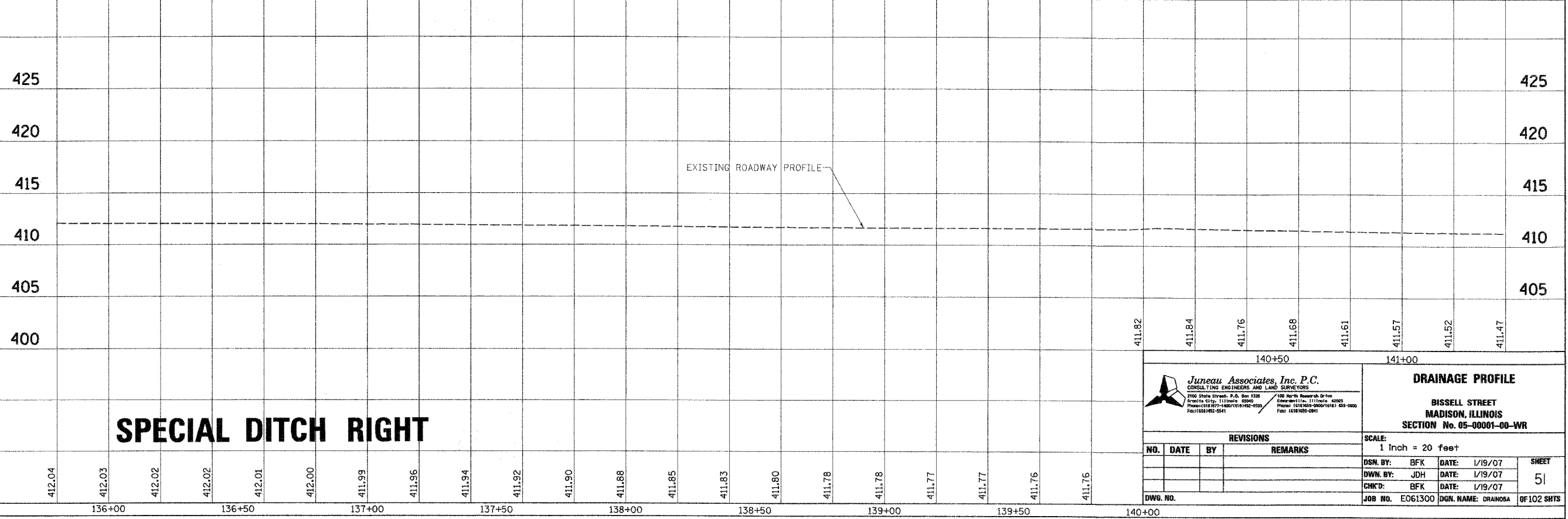
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9104 05-00001-00-WR	MADISON	ILLINOIS	102	51
FED. ROAD DIST. NO.		FED. AID PROJECT		
CONTRACT NO. 027314				

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



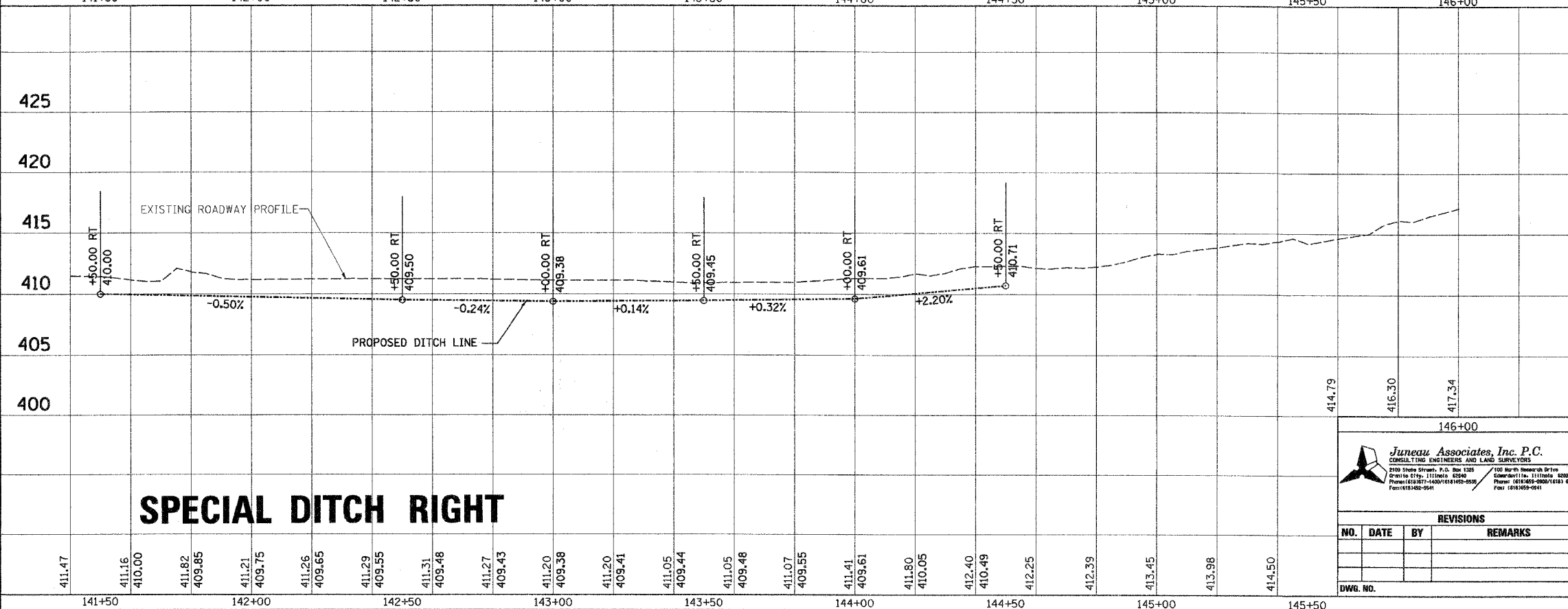
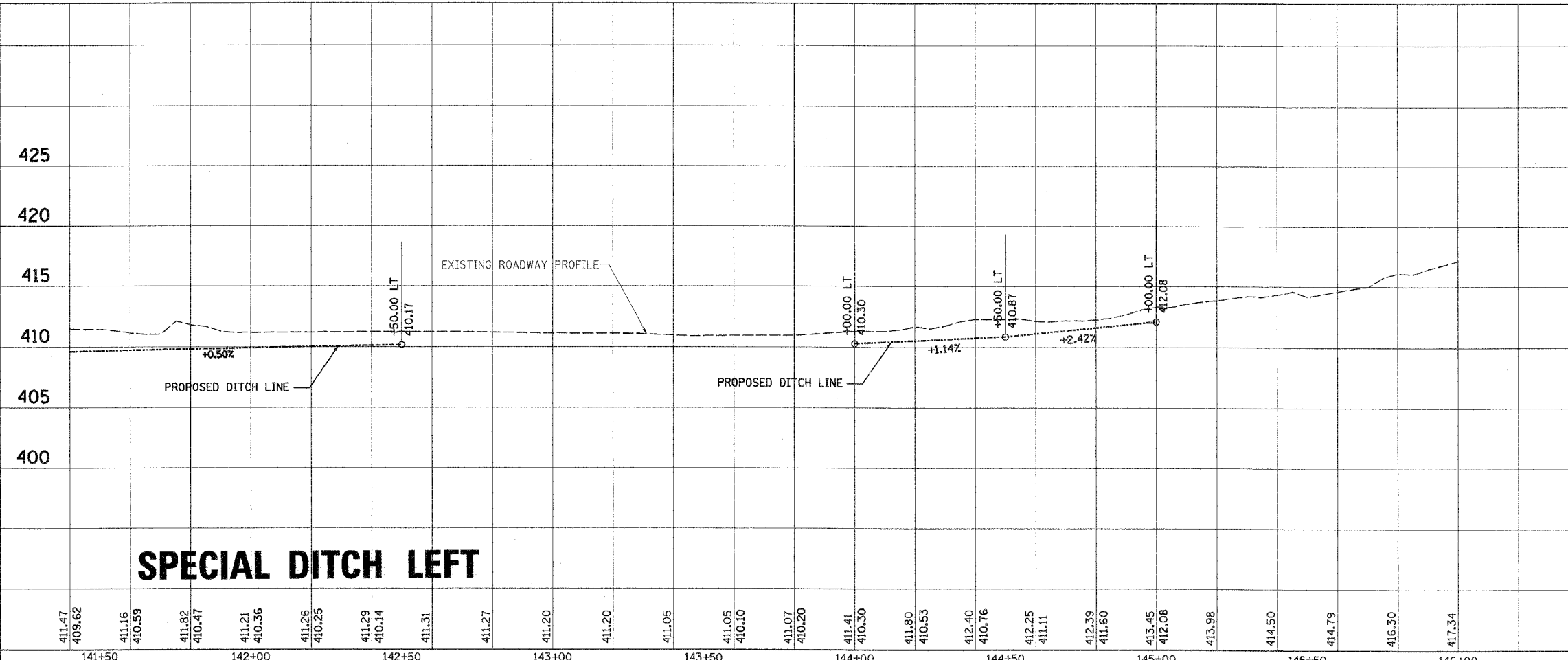
SPECIAL DITCH LEFT

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



SPECIAL DITCH RIGHT

Juneau Associates, Inc. P.C. CONSULTING ENGINEERS AND LAND SURVEYORS 2190 State Street, P.O. Box 1726 Darien, Illinois, 60155-1726 Phone: (630) 877-4400/(630) 877-4400 Fax: (630) 877-5541	DRAINAGE PROFILE BISSELL STREET MADISON, ILLINOIS SECTION No. 05-00001-00-WR
SCALE: 1 Inch = 20 feet	REVISIONS NO. DATE BY REMARKS
DSN. BY: BFK DATE: 1/19/07	DWN. BY: JDH DATE: 1/19/07
CHK'D: BFK DATE: 1/19/07	JOB NO. E061300 DGN. NAME: DRAINOSA OF 102 SHTS



FINAL SURVEYED SURVEY PLOTTED NOTE BOOK TEMPLATE AREAS CHECKED

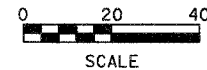
ORIGINAL SURVEYED SURVEY PLOTTED NOTE BOOK TEMPLATE AREAS CHECKED

<p>Juneau Associates, Inc. P.C. CONSULTING ENGINEERS AND LAND SURVEYORS 2500 Stone Street, P.O. Box 1325 Springfield, Illinois 62702 Phone: (618) 271-1400 / (618) 452-5555 Fax: (618) 271-1400</p>		<p>DRAINAGE PROFILE</p> <p>BISSELL STREET MADISON, ILLINOIS SECTION No. 05-00001-00-WR</p>	
<p>SCALE: 1 inch = 20 feet</p>		<p>NO. DATE BY REMARKS</p>	
<p>DSN. BY: BFK DATE: 1/19/07</p>		<p>CHCKD: BFK DATE: 1/19/07</p>	
<p>DWG. NO.</p>		<p>JOB NO. E061300 DGN. NAME: DRAND06 OF 102 SHTS</p>	

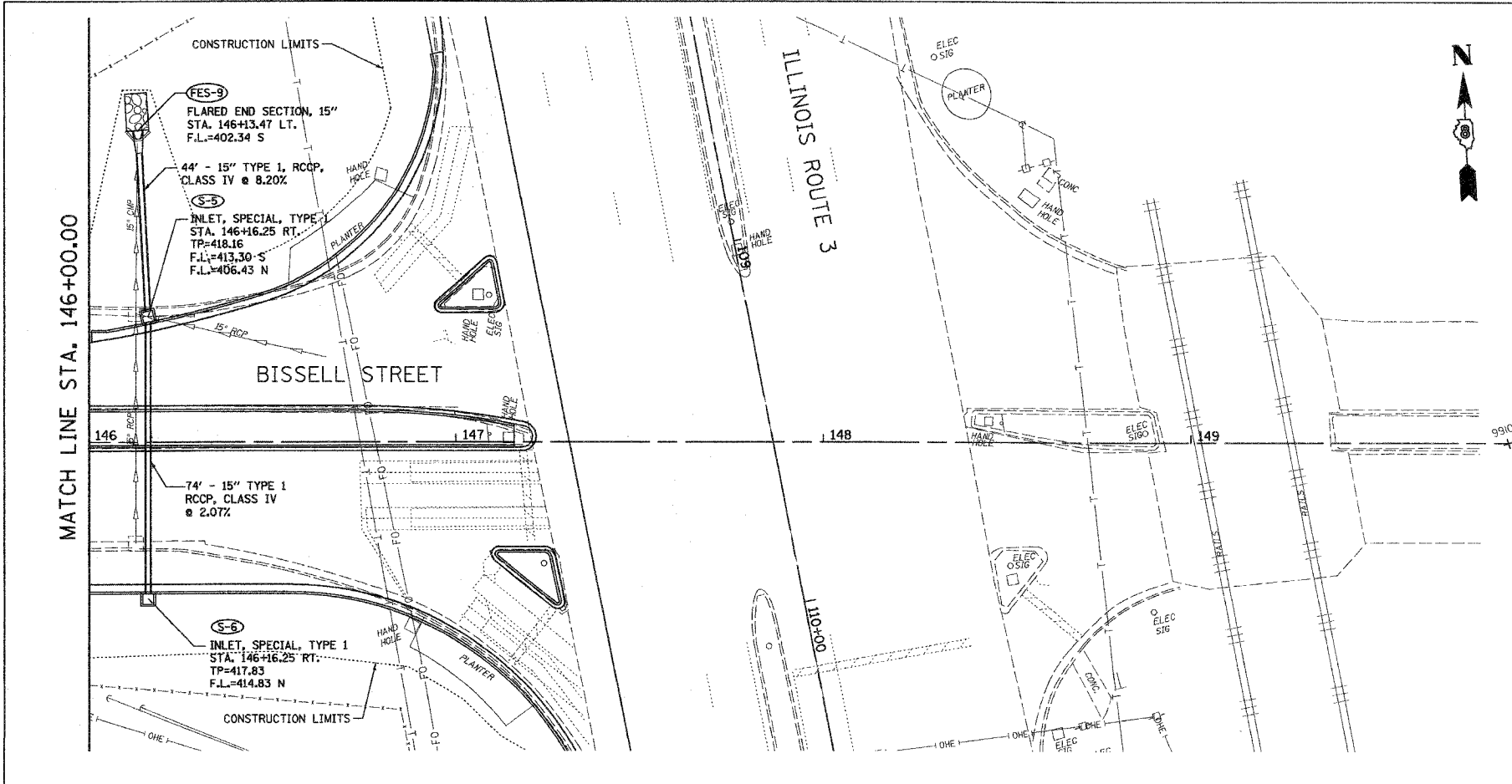
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9104 05-00001-00-WR		MADISON	102	54

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

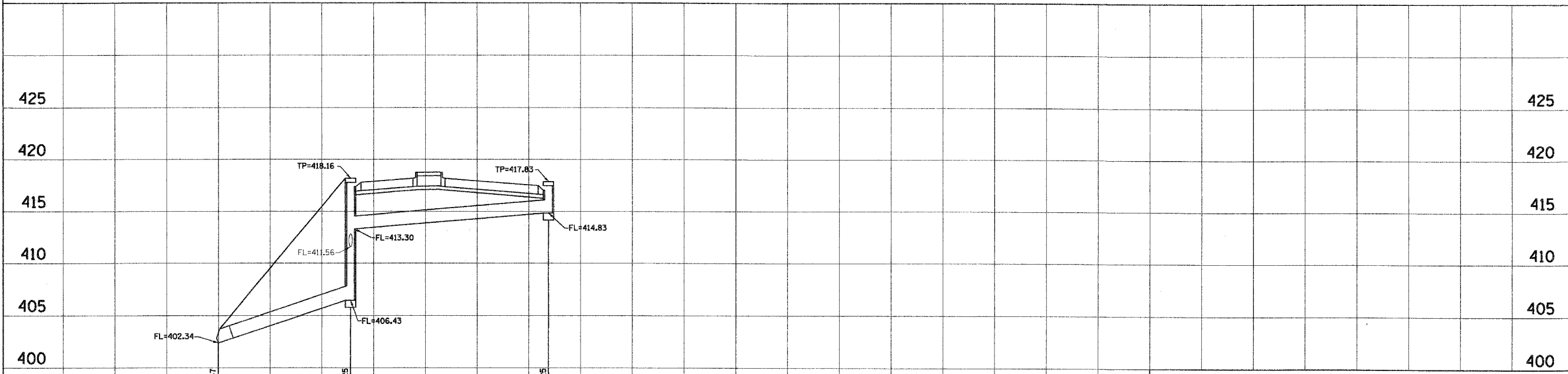
CONTRACT NO. 07314



NO.	DATE	BY	FINAL SURVEY	SURVEYED	PLOTTED	NO. OF



NO.	DATE	BY	ORIGINAL SURVEY	SURVEYED	PLOTTED	NO. OF



Juneau Associates, Inc. P.C.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 2100 State Street, P.O. Box 1725, Springfield, IL 62769
 Phone: (618) 251-1100 / (618) 251-1100 / (618) 251-1100
 Fax: (618) 251-1100

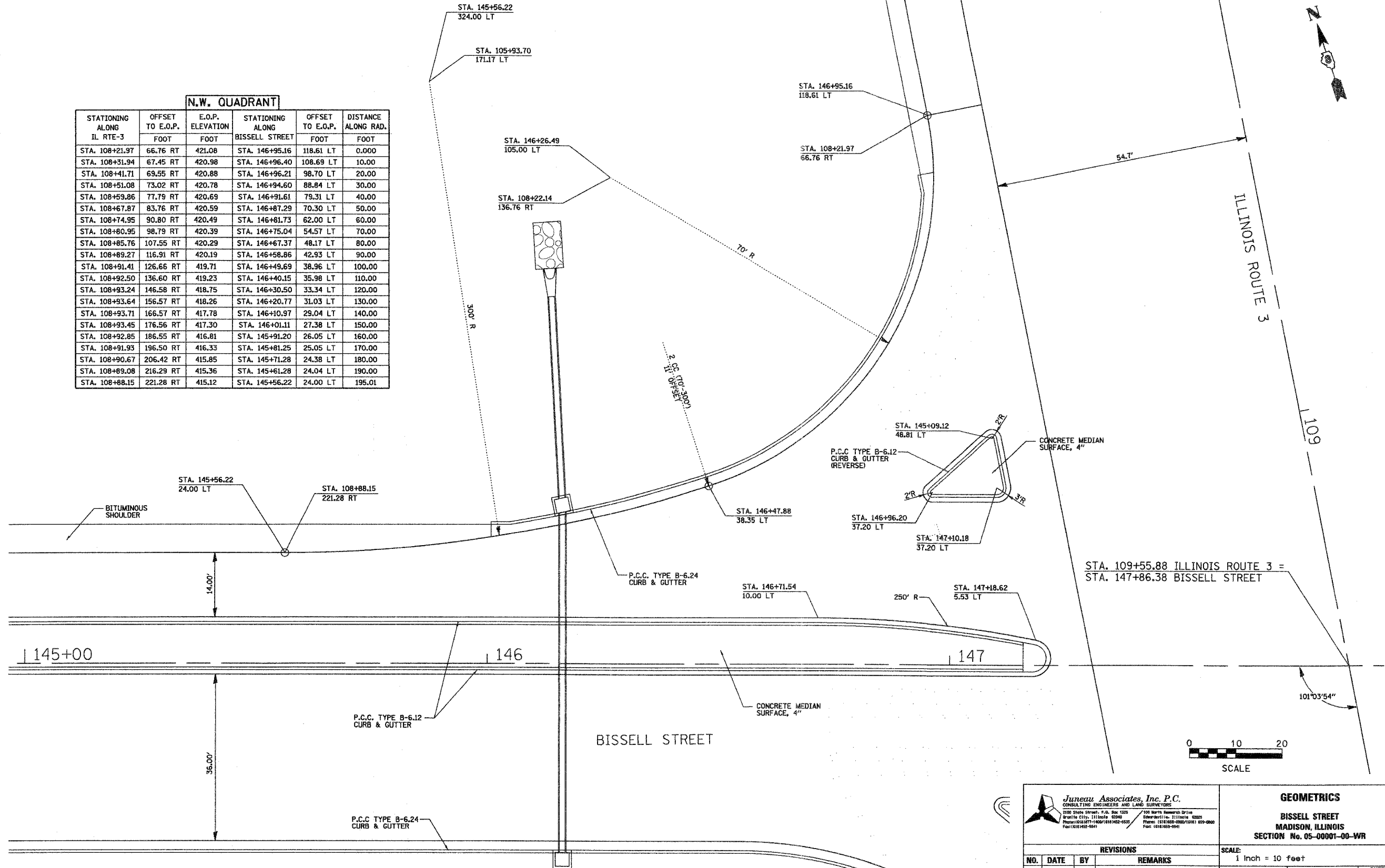
DRAINAGE PLAN
BISSELL STREET
MADISON, ILLINOIS
 SECTION No. 05-00001-00-WR

REVISIONS			
NO.	DATE	BY	REMARKS

DSN. BY:	BFK	DATE:	1/19/07	SHEET 54	
DWN. BY:	JDH	DATE:	1/19/07		
CHK'D:	BFK	DATE:	1/19/07		
DWG. NO.	JOB NO. E061300			DGN. NAME: DRAIN07	OF 102 SHTS

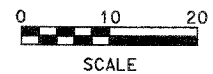
N.W. QUADRANT

STATIONING ALONG IL RTE-3	OFFSET TO E.O.P.		E.O.P. ELEVATION	STATIONING ALONG BISSELL STREET		OFFSET TO E.O.P.		DISTANCE ALONG RAD.
	FOOT	FOOT		FOOT	FOOT			
STA. 108+21.97	66.76	RT	421.08	STA. 146+95.16	118.61	LT	0.000	
STA. 108+31.94	67.45	RT	420.98	STA. 146+96.40	108.69	LT	10.00	
STA. 108+41.71	69.55	RT	420.88	STA. 146+96.21	98.70	LT	20.00	
STA. 108+51.08	73.02	RT	420.78	STA. 146+94.60	88.84	LT	30.00	
STA. 108+59.86	77.79	RT	420.69	STA. 146+91.61	79.31	LT	40.00	
STA. 108+67.87	83.76	RT	420.59	STA. 146+87.29	70.30	LT	50.00	
STA. 108+74.95	90.80	RT	420.49	STA. 146+81.73	62.00	LT	60.00	
STA. 108+80.95	98.79	RT	420.39	STA. 146+75.04	54.57	LT	70.00	
STA. 108+85.76	107.55	RT	420.29	STA. 146+67.37	48.17	LT	80.00	
STA. 108+89.27	116.91	RT	420.19	STA. 146+58.86	42.93	LT	90.00	
STA. 108+91.41	126.66	RT	419.71	STA. 146+49.69	38.96	LT	100.00	
STA. 108+92.50	136.60	RT	419.23	STA. 146+40.15	35.98	LT	110.00	
STA. 108+93.24	146.58	RT	418.75	STA. 146+30.50	33.34	LT	120.00	
STA. 108+93.64	156.57	RT	418.26	STA. 146+20.77	31.03	LT	130.00	
STA. 108+93.71	166.57	RT	417.78	STA. 146+10.97	29.04	LT	140.00	
STA. 108+93.45	176.56	RT	417.30	STA. 146+01.11	27.38	LT	150.00	
STA. 108+92.85	186.55	RT	416.81	STA. 145+91.20	26.05	LT	160.00	
STA. 108+91.93	196.50	RT	416.33	STA. 145+81.25	25.05	LT	170.00	
STA. 108+90.67	206.42	RT	415.85	STA. 145+71.28	24.38	LT	180.00	
STA. 108+89.08	216.29	RT	415.36	STA. 145+61.28	24.04	LT	190.00	
STA. 108+88.15	221.28	RT	415.12	STA. 145+56.22	24.00	LT	195.01	



BY: _____ DATE: _____
 ORIGINAL SURVEY PLOTTED _____
 NOTE BOOK TEMPLATE _____
 AREAS CHECKED _____

BY: _____ DATE: _____
 ORIGINAL SURVEY PLOTTED _____
 NOTE BOOK TEMPLATE _____
 AREAS CHECKED _____



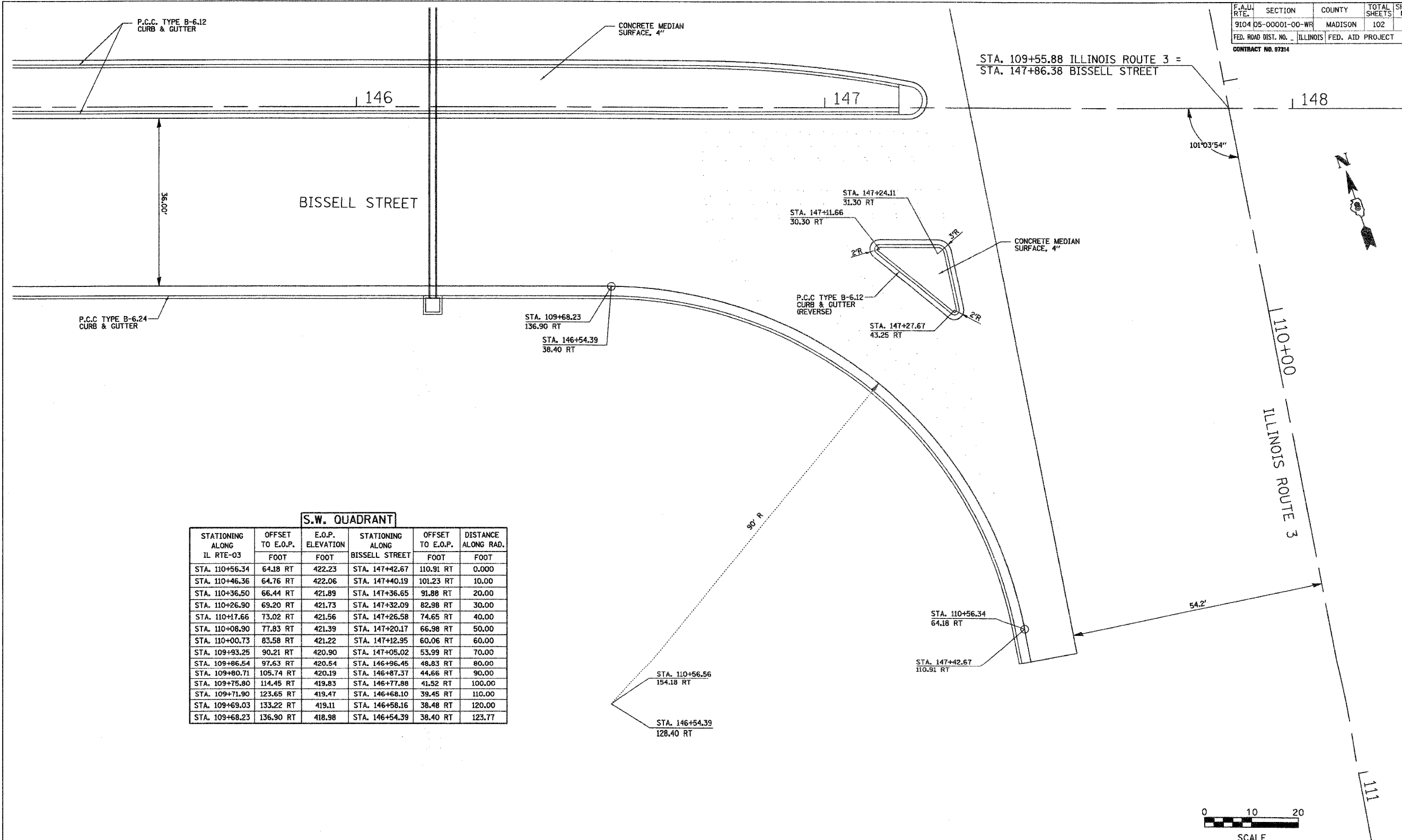
Juneau Associates, Inc. P.C.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 2100 State Street, P.O. Box 1335
 Springfield, Illinois 62767
 Phone: (618) 471-1400 / (618) 422-4335
 Fax: (618) 422-4641

GEOMETRICS
BISSELL STREET
MADISON, ILLINOIS
SECTION No. 05-0001-00-WR

REVISIONS			
NO.	DATE	BY	REMARKS

SCALE: 1 inch = 10 feet
 DSN. BY: BFK DATE: 1/19/07
 DWN. BY: RKR DATE: 1/19/07
 CHK'D: BFK DATE: 1/19/07
 JOB NO. E061300 DGN. NAME: GEO-01 OF 102 SHTS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9104 05-00001-00-WR	MADISON	102	56	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 97314				



S.W. QUADRANT

STATIONING ALONG IL RTE-03	OFFSET TO E.O.P. FOOT	E.O.P. ELEVATION FOOT	STATIONING ALONG BISSELL STREET	OFFSET TO E.O.P. FOOT	DISTANCE ALONG RAD. FOOT
STA. 110+56.34	64.18 RT	422.23	STA. 147+42.67	110.91 RT	0.00
STA. 110+46.36	64.76 RT	422.06	STA. 147+40.19	101.23 RT	10.00
STA. 110+36.50	66.44 RT	421.89	STA. 147+36.65	91.88 RT	20.00
STA. 110+26.90	69.20 RT	421.73	STA. 147+32.09	82.98 RT	30.00
STA. 110+17.66	73.02 RT	421.56	STA. 147+26.58	74.65 RT	40.00
STA. 110+08.90	77.83 RT	421.39	STA. 147+20.17	66.98 RT	50.00
STA. 110+00.73	83.58 RT	421.22	STA. 147+12.95	60.06 RT	60.00
STA. 109+93.25	90.21 RT	420.90	STA. 147+05.02	53.99 RT	70.00
STA. 109+86.54	97.63 RT	420.54	STA. 146+96.45	48.83 RT	80.00
STA. 109+80.71	105.74 RT	420.19	STA. 146+87.37	44.66 RT	90.00
STA. 109+75.80	114.45 RT	419.83	STA. 146+77.88	41.52 RT	100.00
STA. 109+71.90	123.65 RT	419.47	STA. 146+68.10	39.45 RT	110.00
STA. 109+69.03	133.22 RT	419.11	STA. 146+58.16	38.48 RT	120.00
STA. 109+68.23	136.90 RT	418.98	STA. 146+54.39	38.40 RT	123.77

BY	DATE
FINAL SURVEY PLOTTED	
NOTE BOOK TEMPLATE AREAS CHECKED	

BY	DATE
ORIGINAL SURVEY PLOTTED	
NOTE BOOK TEMPLATE AREAS CHECKED	

Juneau Associates, Inc. P.C.
CONSULTING ENGINEERS AND LAND SURVEYORS
2100 State Street, P.O. Box 1328
Springfield, Illinois 62702
Phone: (618) 252-9900/2511 800-9600
Fax: (618) 482-5241

GEOMETRICS
BISSELL STREET
MADISON, ILLINOIS
SECTION No. 05-00001-00-WR

SCALE:
1 Inch = 10 feet

NO.	DATE	BY	REMARKS

DSN. BY: BFK DATE: 1/19/07
DWN. BY: RKR DATE: 1/19/07
CHK'D: BFK DATE: 1/19/07

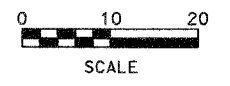
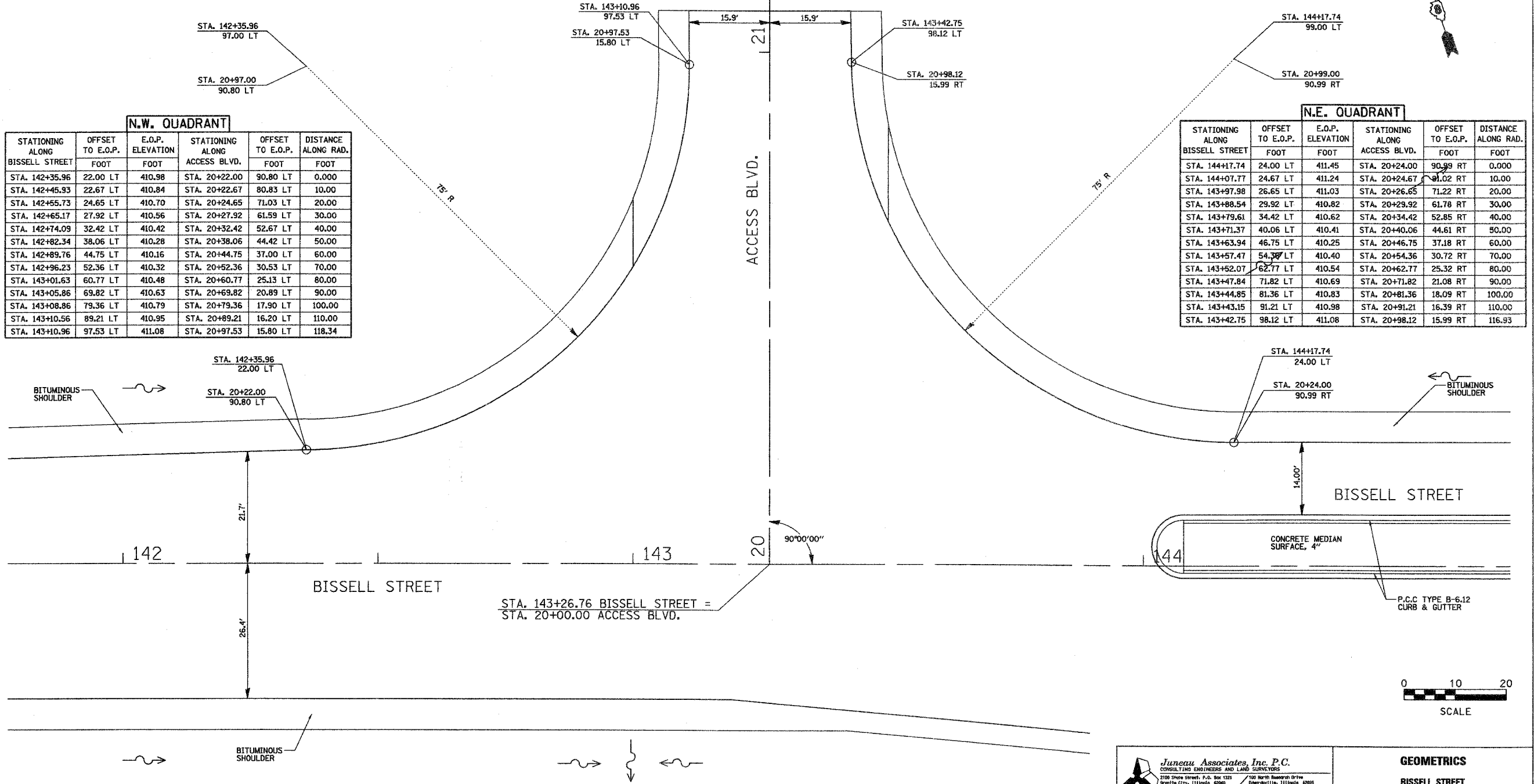
BWG. NO. JOB NO. E061300 DGN. NAME: GEO-01A OF 102 SHTS

BY _____ DATE _____
 SURVEYED _____
 PLOTTED _____
 NOTE BOOK _____
 AREAS CHECKED _____
 NO. _____

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

N.W. QUADRANT					
STATIONING ALONG BISSELL STREET	OFFSET TO E.O.P. FOOT	E.O.P. ELEVATION FOOT	STATIONING ALONG ACCESS BLVD.	OFFSET TO E.O.P. FOOT	DISTANCE ALONG RAD. FOOT
STA. 142+35.96	22.00 LT	410.98	STA. 20+22.00	90.80 LT	0.000
STA. 142+45.93	22.67 LT	410.84	STA. 20+22.67	80.83 LT	10.00
STA. 142+55.73	24.65 LT	410.70	STA. 20+24.65	71.03 LT	20.00
STA. 142+65.17	27.92 LT	410.56	STA. 20+27.92	61.59 LT	30.00
STA. 142+74.09	32.42 LT	410.42	STA. 20+32.42	52.67 LT	40.00
STA. 142+82.34	38.06 LT	410.28	STA. 20+38.06	44.42 LT	50.00
STA. 142+89.76	44.75 LT	410.16	STA. 20+44.75	37.00 LT	60.00
STA. 142+96.23	52.36 LT	410.32	STA. 20+52.36	30.53 LT	70.00
STA. 143+01.63	60.77 LT	410.48	STA. 20+60.77	25.13 LT	80.00
STA. 143+05.86	69.82 LT	410.63	STA. 20+69.82	20.89 LT	90.00
STA. 143+08.86	79.36 LT	410.79	STA. 20+79.36	17.90 LT	100.00
STA. 143+10.56	89.21 LT	410.95	STA. 20+89.21	16.20 LT	110.00
STA. 143+10.96	97.53 LT	411.08	STA. 20+97.53	15.80 LT	118.34

N.E. QUADRANT					
STATIONING ALONG BISSELL STREET	OFFSET TO E.O.P. FOOT	E.O.P. ELEVATION FOOT	STATIONING ALONG ACCESS BLVD.	OFFSET TO E.O.P. FOOT	DISTANCE ALONG RAD. FOOT
STA. 144+17.74	24.00 LT	411.45	STA. 20+24.00	90.99 RT	0.000
STA. 144+07.77	24.67 LT	411.24	STA. 20+24.67	81.02 RT	10.00
STA. 143+97.98	26.65 LT	411.03	STA. 20+26.65	71.22 RT	20.00
STA. 143+88.54	29.92 LT	410.82	STA. 20+29.92	61.78 RT	30.00
STA. 143+79.61	34.42 LT	410.62	STA. 20+34.42	52.85 RT	40.00
STA. 143+71.37	40.06 LT	410.41	STA. 20+40.06	44.61 RT	50.00
STA. 143+63.94	46.75 LT	410.25	STA. 20+46.75	37.18 RT	60.00
STA. 143+57.47	54.38 LT	410.40	STA. 20+54.36	30.72 RT	70.00
STA. 143+52.07	62.77 LT	410.54	STA. 20+62.77	25.32 RT	80.00
STA. 143+47.84	71.82 LT	410.69	STA. 20+71.82	21.08 RT	90.00
STA. 143+44.85	81.36 LT	410.83	STA. 20+81.36	18.09 RT	100.00
STA. 143+43.15	91.21 LT	410.98	STA. 20+91.21	16.39 RT	110.00
STA. 143+42.75	98.12 LT	411.08	STA. 20+98.12	15.99 RT	116.93



Jumenu Associates Inc. P.C.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 2100 Shore Street, P.O. Box 1325
 Granite City, Illinois 62040
 Phone: (618) 777-1400 / (618) 402-8835
 Fax: (618) 402-8841

GEOMETRICS
BISSELL STREET
MADISON, ILLINOIS
SECTION No. 05-00001-00-WR

REVISIONS			
NO.	DATE	BY	REMARKS

SCALE: 1 Inch = 10 feet			
DSN. BY: BFK	DATE: 1/19/07	SHEET	
DWN. BY: RKR	DATE: 1/19/07	57	
CHK'D: BFK	DATE: 1/19/07		
DWG. NO.:	JOB NO. E061300	DEN. NAME: GCO-02	OF 102 SHTS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9104	05-00001-00-WR	MADISON	102	58
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
CONTRACT NO. 07314				



N.W. QUADRANT

STATIONING ALONG BISSELL STREET	OFFSET TO E.O.P. FOOT	E.O.P. ELEVATION FOOT	DISTANCE ALONG RAD. FOOT
STA. 139+69.43	14.38 LT	411.66	0.000
STA. 139+79.10	16.64 LT	411.61	10.00
STA. 139+87.14	22.48 LT	411.58	20.00
STA. 139+92.26	30.99 LT	411.72	30.00
STA. 139+93.71	39.37 LT	411.84	38.56

N.E. QUADRANT

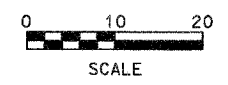
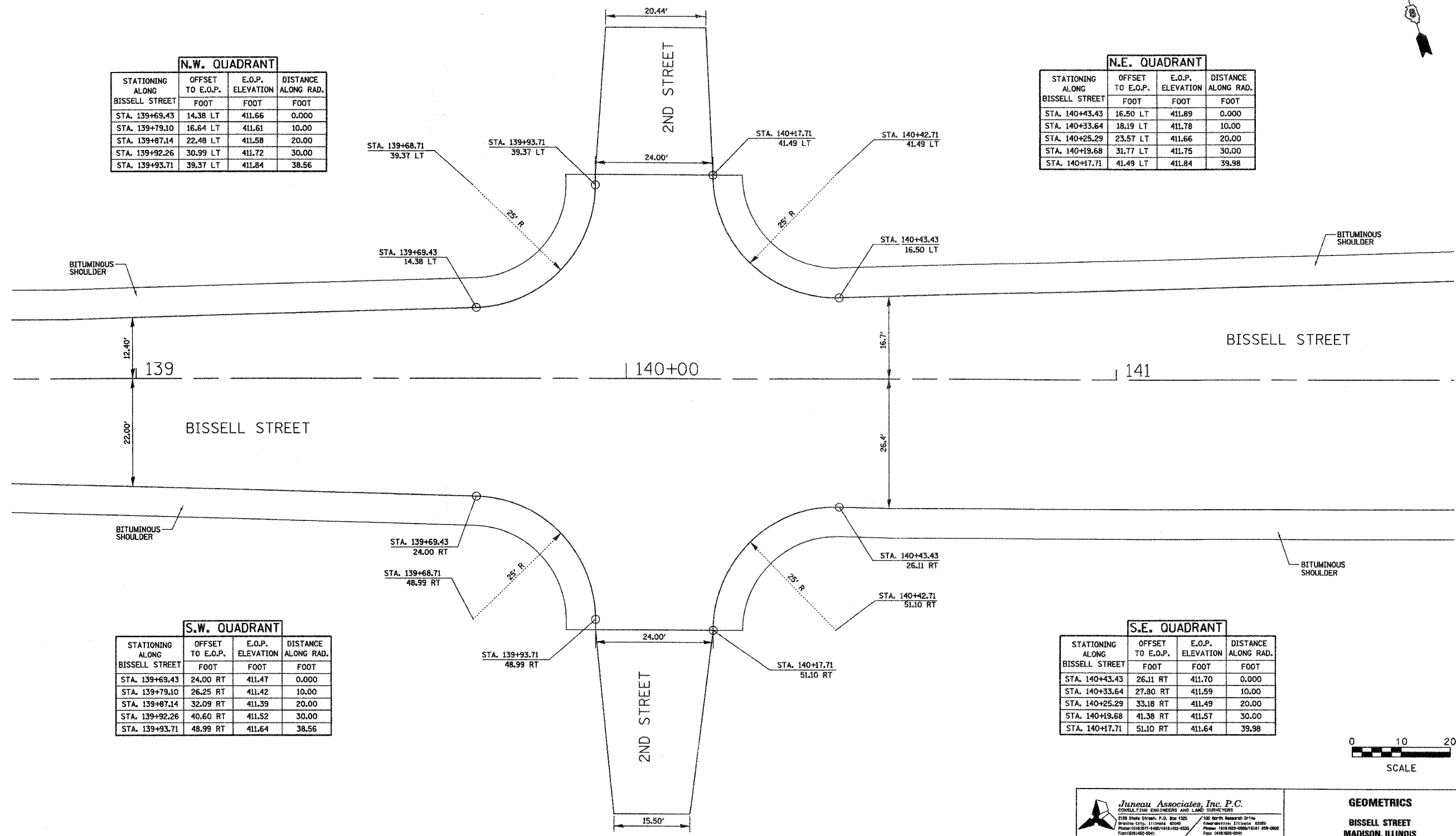
STATIONING ALONG BISSELL STREET	OFFSET TO E.O.P. FOOT	E.O.P. ELEVATION FOOT	DISTANCE ALONG RAD. FOOT
STA. 140+43.43	16.50 LT	411.89	0.000
STA. 140+33.64	18.19 LT	411.78	10.00
STA. 140+25.29	23.57 LT	411.66	20.00
STA. 140+19.68	31.77 LT	411.75	30.00
STA. 140+17.71	41.49 LT	411.84	39.98

S.W. QUADRANT

STATIONING ALONG BISSELL STREET	OFFSET TO E.O.P. FOOT	E.O.P. ELEVATION FOOT	DISTANCE ALONG RAD. FOOT
STA. 139+69.43	24.00 RT	411.47	0.000
STA. 139+79.10	26.25 RT	411.42	10.00
STA. 139+87.14	32.09 RT	411.39	20.00
STA. 139+92.26	40.60 RT	411.52	30.00
STA. 139+93.71	48.99 RT	411.64	38.56

S.E. QUADRANT

STATIONING ALONG BISSELL STREET	OFFSET TO E.O.P. FOOT	E.O.P. ELEVATION FOOT	DISTANCE ALONG RAD. FOOT
STA. 140+43.43	26.11 RT	411.70	0.000
STA. 140+33.64	27.80 RT	411.59	10.00
STA. 140+25.29	33.18 RT	411.49	20.00
STA. 140+19.68	41.38 RT	411.57	30.00
STA. 140+17.71	51.10 RT	411.64	39.98



BY	DATE
SURVEYED	
PLOTTED	
NOTE BOOK TEMPLATE	
AREAS AS CHECKED	
NO.	

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

Juneau Associates, Inc. P.C.
CONSULTING ENGINEERS AND LAND SURVEYORS
2188 State Street, P.O. Box 1325 / 100 North Research Drive
Granite City, Illinois 60142 / Glenview, Illinois 60025
Phone: (815) 877-1400 / (815) 415-8531 / Fax: (815) 415-8541 / Fax: (815) 415-8541

GEOMETRICS
BISSELL STREET
MADISON, ILLINOIS
SECTION No. 05-00001-00-WR

SCALE: 1 inch = 10 feet

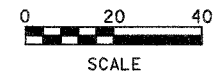
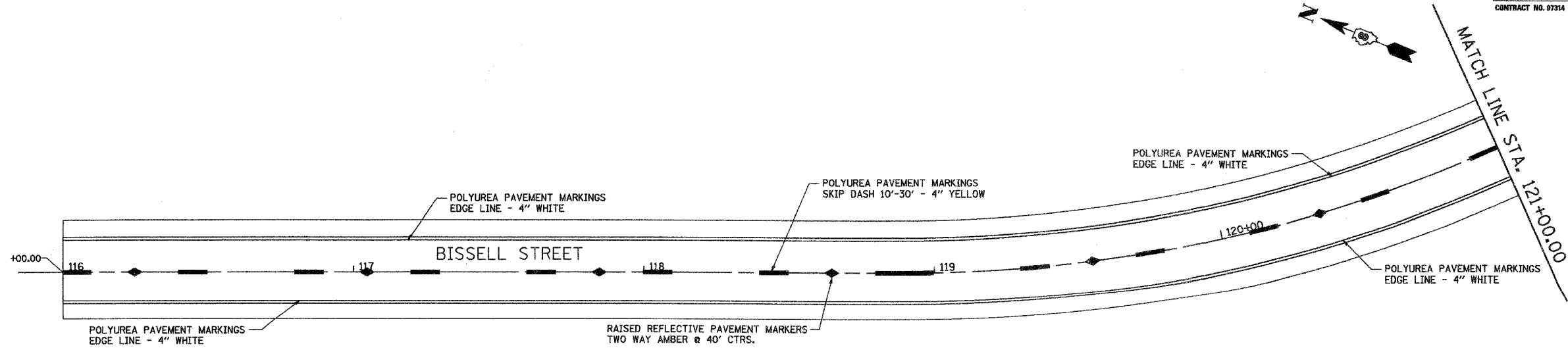
NO.	DATE	BY	REMARKS

DSN. BY: BFK DATE: 1/19/07
DWN. BY: RKR DATE: 1/19/07
CHKD: BFK DATE: 1/19/07

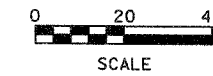
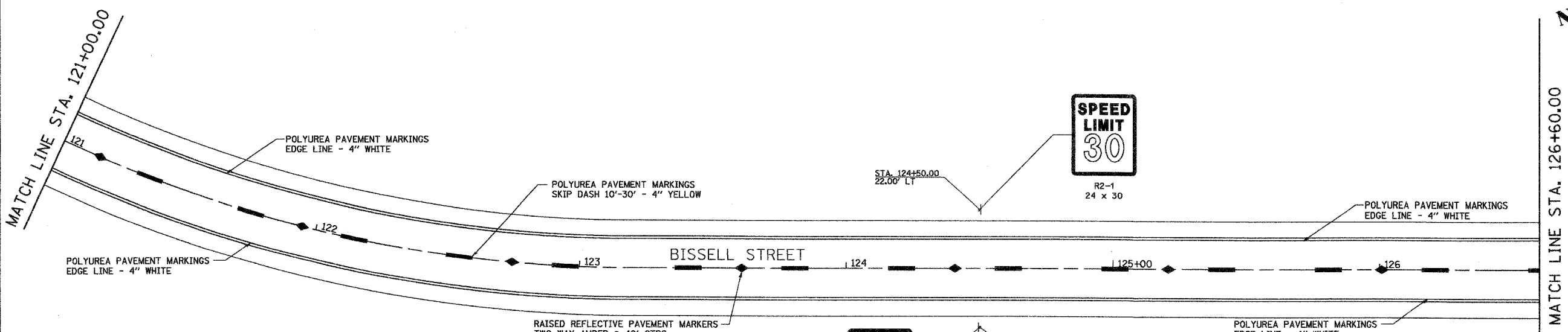
DWG. NO. JOB NO. E061300 DGN. NAME: GE0-03 OF 102 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9104	05-00001-00-WR	MADISON	102	59
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 07314				

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



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



Juneau Associates, Inc. P.C.
CONSULTING ENGINEERS AND LAND SURVEYORS
2108 Olive Street, P.O. Box 1235, 7108 North Washington Drive
Granite City, Illinois 62040, Edwardsville, Illinois 62025
Phone: (618) 697-1400 / (618) 692-4555, Fax: (618) 692-0541
Fax: (618) 692-0541

PAVEMENT MARKINGS
BISSELL STREET
MADISON, ILLINOIS
SECTION No. 05-00001-00-WR

REVISIONS			
NO.	DATE	BY	REMARKS
DWG. NO.			

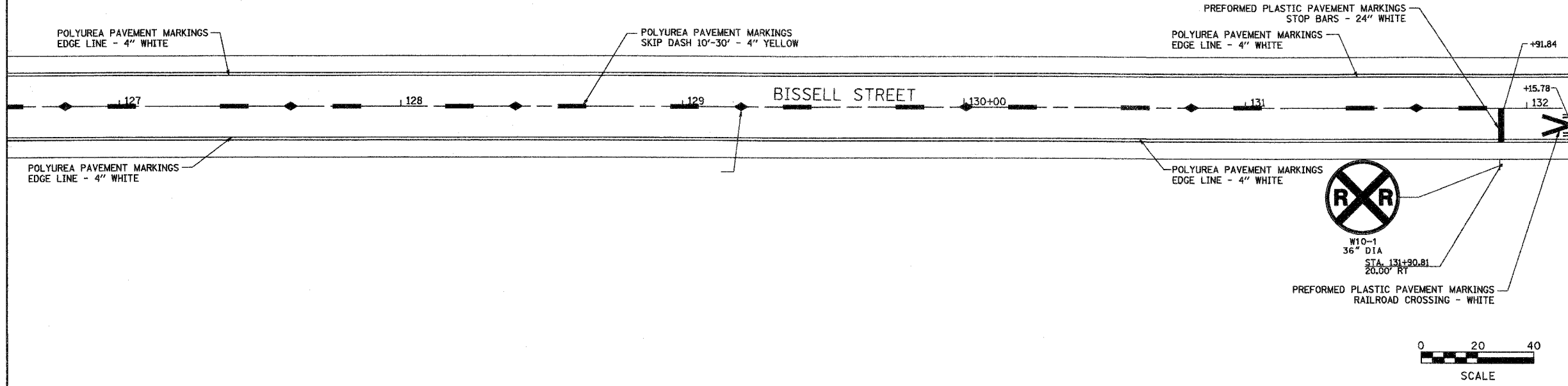
SCALE: 1 Inch = 20 feet			
DSN. BY:	BFK	DATE:	1/19/07
DWN. BY:	JDH	DATE:	1/19/07
CHK'D:	BFK	DATE:	1/19/07
JOB NO.	EO61300	DGN. NAME:	PMARKI
		OF 102 SHEETS	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9104 05-00001-00-WR	MADISON	ILLINOIS	102	60
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
CONTRACT NO. 07814				



MATCH LINE STA. 126+60.00

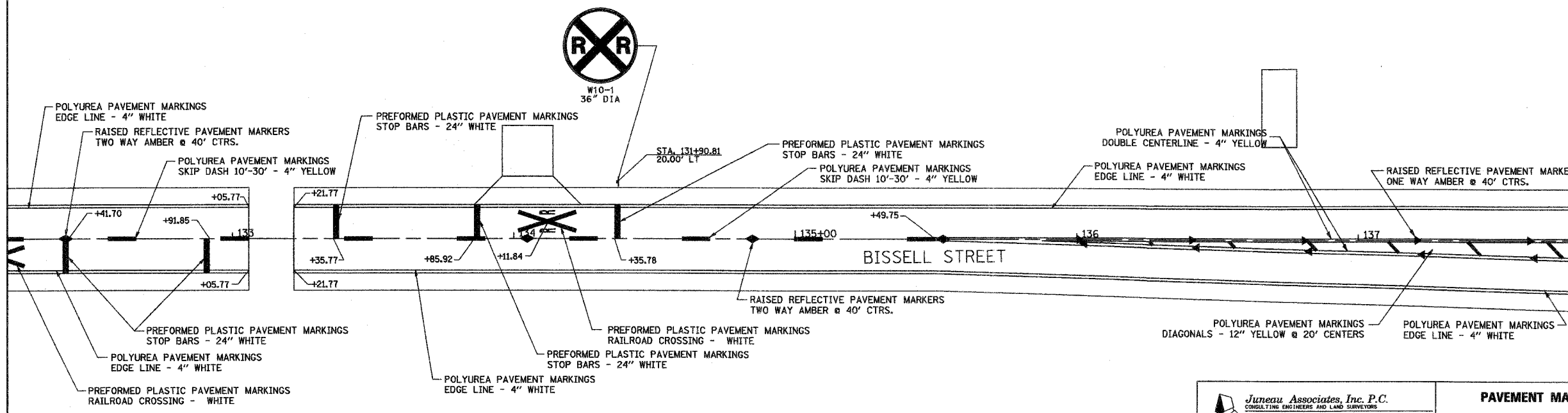
MATCH LINE STA. 132+20.00



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

MATCH LINE STA. 132+20.00

MATCH LINE STA. 137+80.00



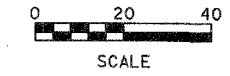
DATE	BY
ORIGINAL SURVEYED	
SURVEY PLOTTED	
NOTE BOOK TEMPLATE	
AREAS CHECKED	
NO.	

Juneau Associates, Inc. P.C.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 2100 Stone Street, P.O. Box 1325
 Springfield, IL 62763-1325
 Phone: (618) 377-4800 / (618) 462-5500
 Fax: (618) 462-5591

PAVEMENT MARKINGS
BISSELL STREET
MADISON, ILLINOIS
SECTION No. 05-00001-00-WR

REVISIONS			
NO.	DATE	BY	REMARKS

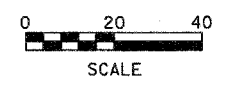
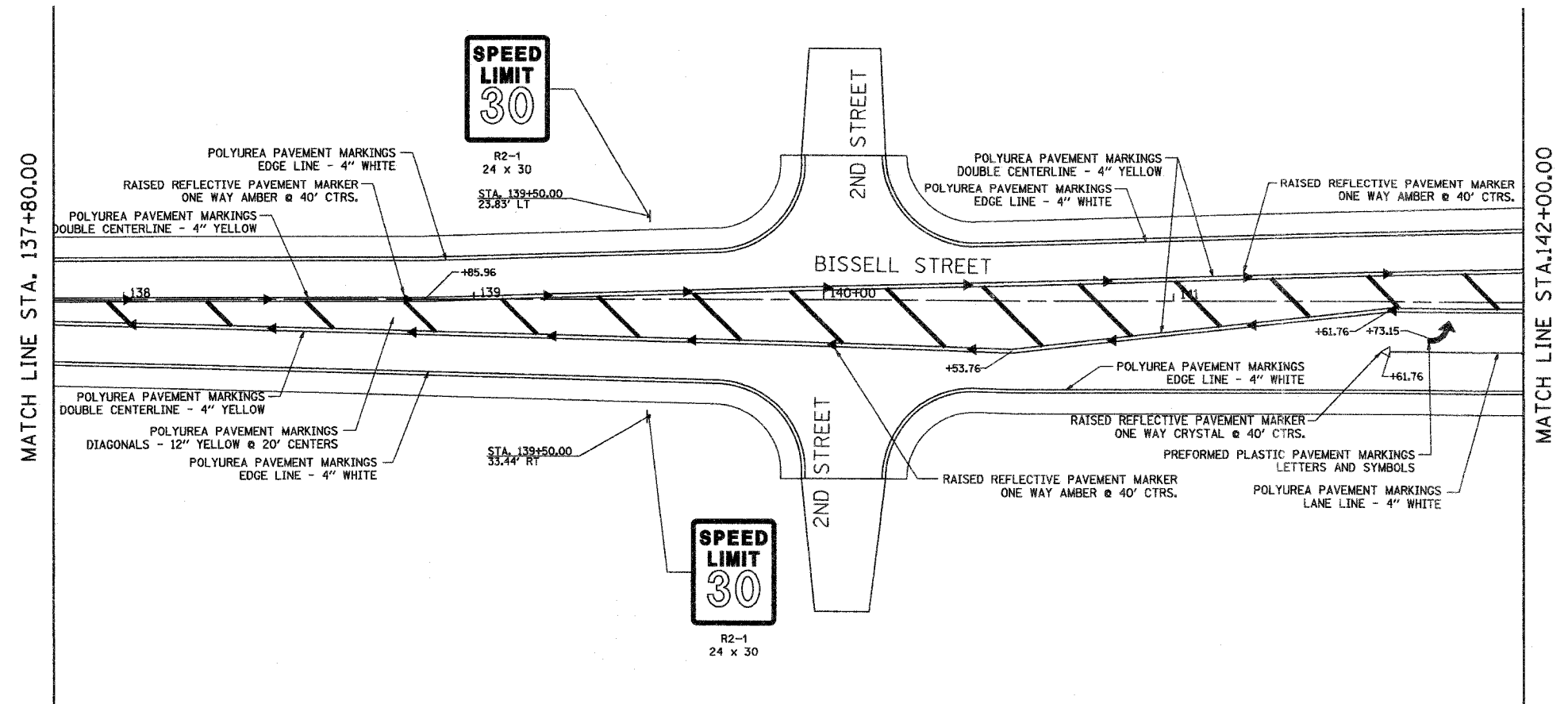
SCALE 1 inch = 20 feet	
DSN. BY: BFK	DATE: 1/19/07
DWN. BY: JDH	DATE: 1/19/07
CHK'D: BFK	DATE: 1/19/07
JOB NO. E061300	DGN. NAME: PMARK2
SHEET 60 OF 102 SHTS	



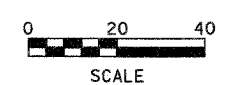
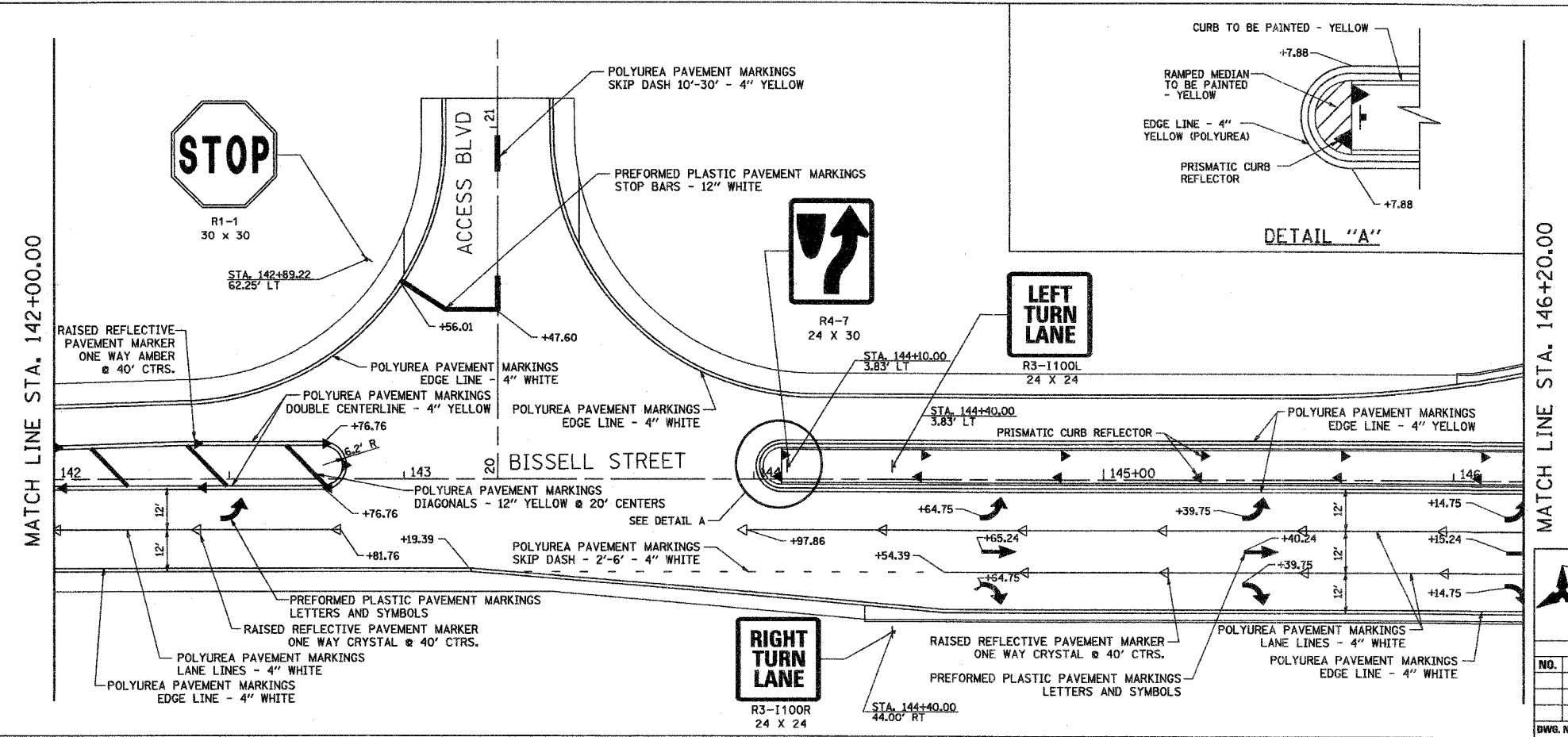
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9104	05-00001-00-WR	MADISON	102	61
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 97214				



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



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



Juneau Associates, Inc. P.C.
CONSULTING ENGINEERS AND LAND SURVEYORS

2100 South Street, P.O. Box 1225
Springfield, Illinois 62703
Phone: (618) 337-4400 / (618) 452-5505
Fax: (618) 462-5591

100 North Research Drive
Edwardsville, Illinois 62025
Phone: (618) 880-0900 / (618) 659-0800
Fax: (618) 329-0491

PAVEMENT MARKINGS

BISSELL STREET
MADISON, ILLINOIS
SECTION No. 05-00001-00-WR

SCALE:
1 inch = 20 feet

DSN. BY: BFK DATE: 1/19/07 SHEET

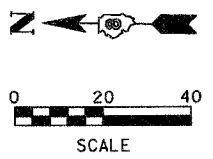
DWN. BY: JDH DATE: 1/19/07 61

CHK'D: BFK DATE: 1/19/07

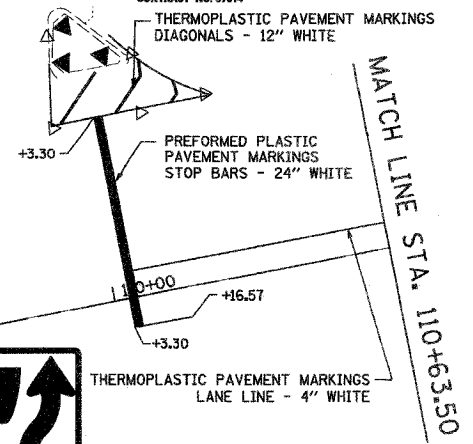
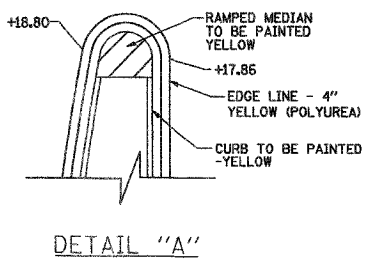
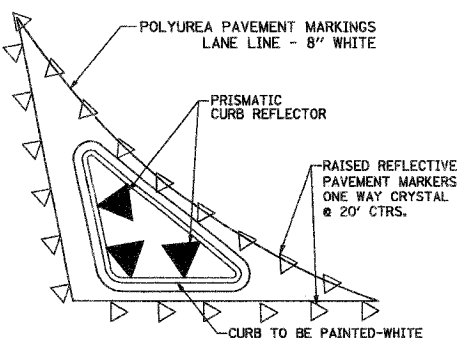
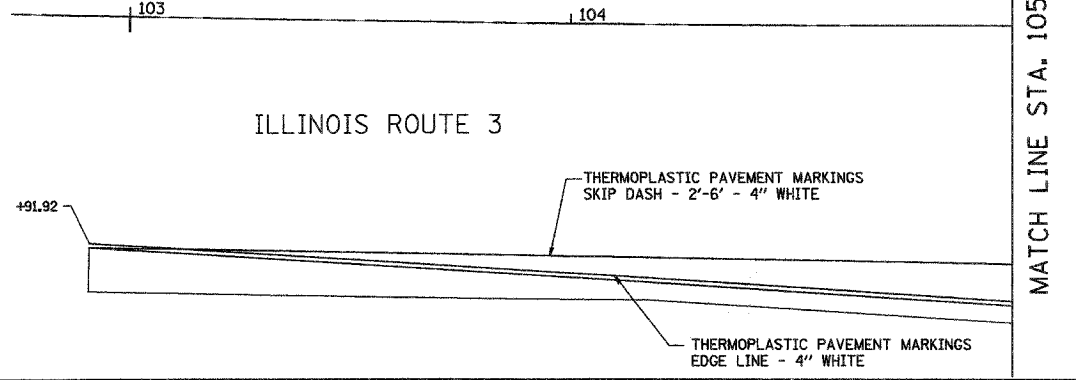
DWG. NO. JOB NO. E061300 DGN. NAME: PMARK3 OF 102 SHEETS

REVISIONS			
NO.	DATE	BY	REMARKS

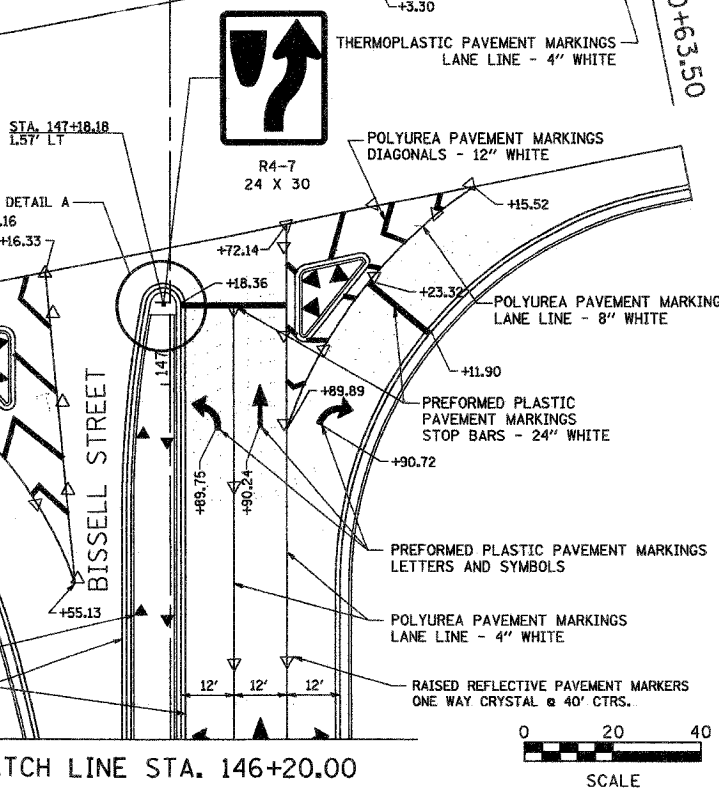
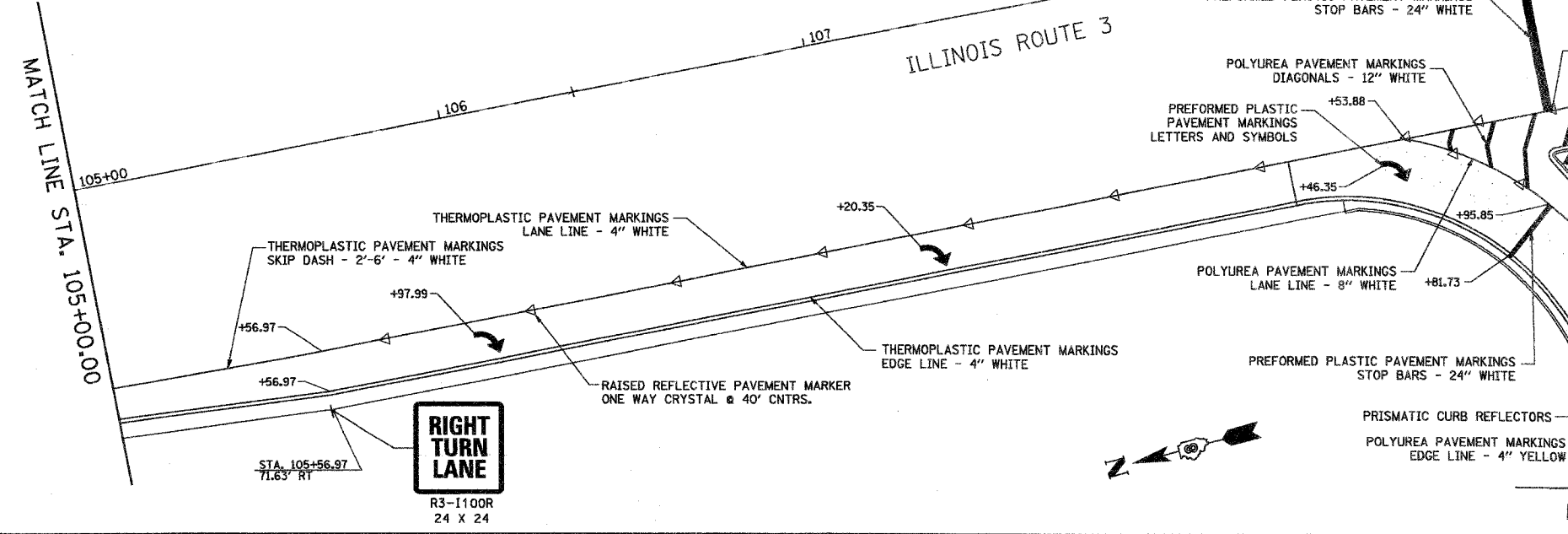
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9104 05-00001-00-WR		MADISON	102	62
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
	CONTRACT NO. 97314			



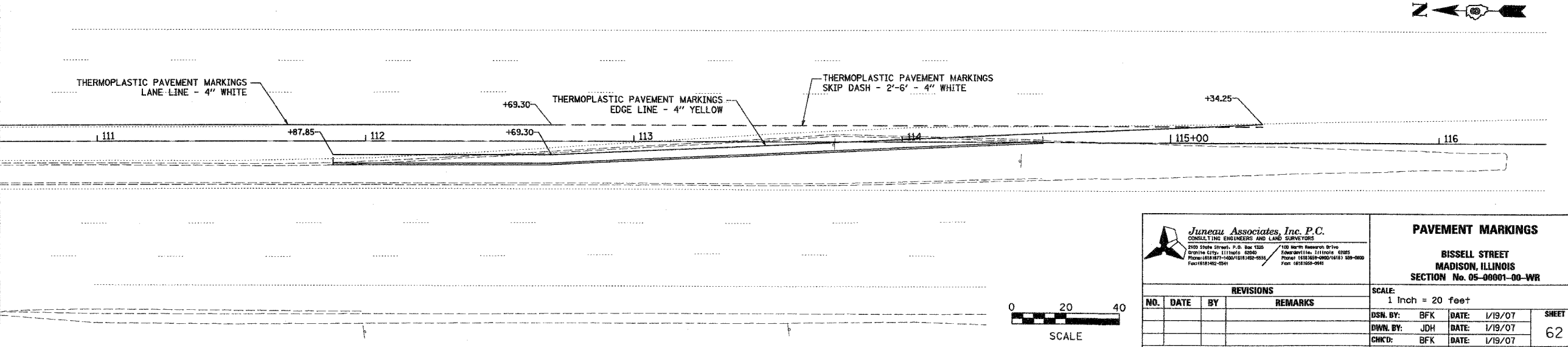
BY	DATE
FINAL SURVEYED	
SURVEY PLOTTED	
NOTE BOOK TEMPLATE	
AREAS CHECKED	
NO.	



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



MATCH LINE STA. 110+63.50

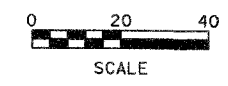


Jurenu Associates, Inc. P.C.
CONSULTING ENGINEERS AND LAND SURVEYORS
2109 State Street, P.O. Box 1330
Springfield, Illinois 62804
Phone: (618) 877-1400 / (618) 482-0534
Fax: (618) 482-0541

150 North Rosewood Drive
Edwardsville, Illinois 62025
Phone: (618) 482-0800 / (618) 528-0000
Fax: (618) 528-0941

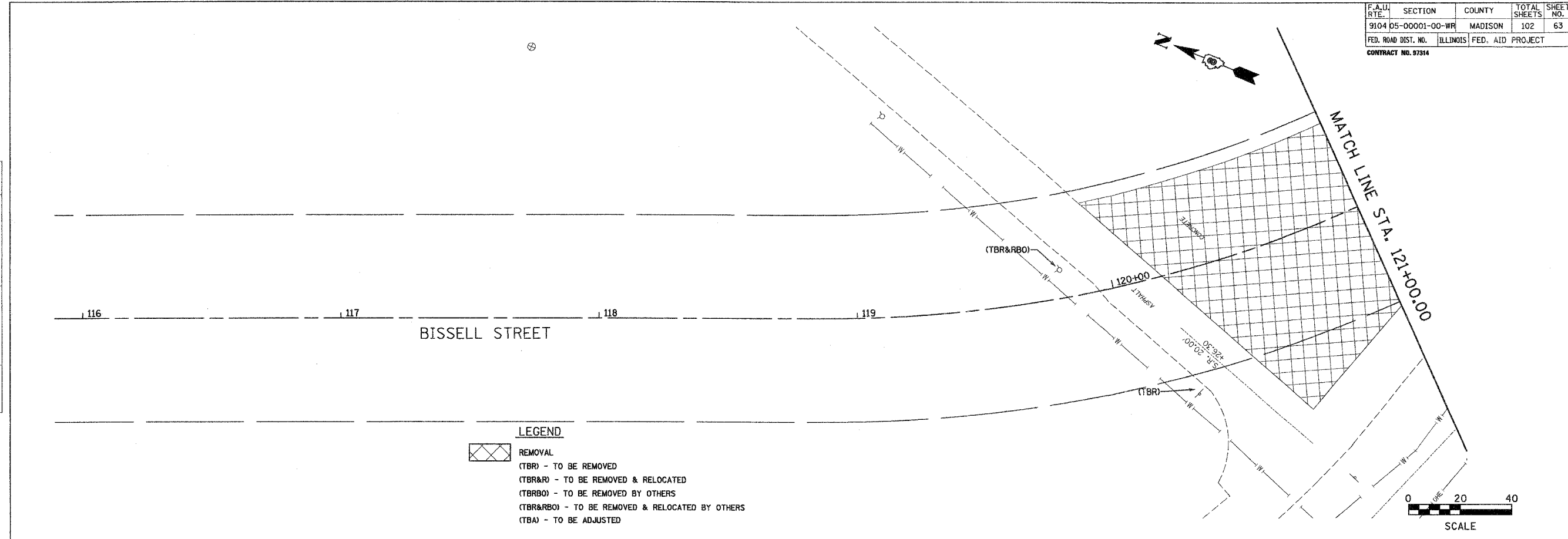
REVISIONS	
NO.	DATE BY REMARKS
DWG. NO.	

PAVEMENT MARKINGS			
BISSELL STREET MADISON, ILLINOIS SECTION No. 05-00001-00-WR			
SCALE: 1 Inch = 20 feet			
DSN. BY:	BFK	DATE:	1/19/07
DWN. BY:	JDH	DATE:	1/19/07
CHK'D:	BFK	DATE:	1/19/07
JOB NO.	EO61300	DGN. NAME:	PMARK4
			OF 102 SHTS



F.A.D. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
CONTRACT NO. 97914				

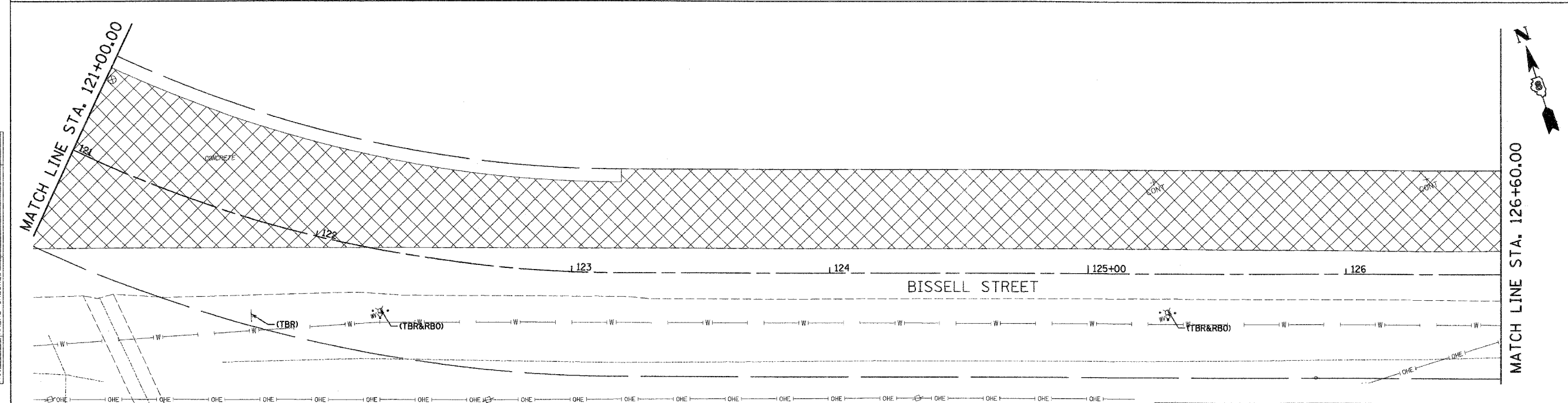
FINAL SURVEYED	BY	DATE
SURVEY PLOTTED		
NOTE BOOK TEMPLATE		
AREAS CHECKED		
NO.		



LEGEND

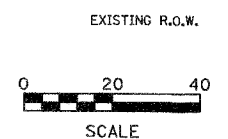
	REMOVAL
(TBR)	- TO BE REMOVED
(TBR&R)	- TO BE REMOVED & RELOCATED
(TBRBO)	- TO BE REMOVED BY OTHERS
(TBR&RBO)	- TO BE REMOVED & RELOCATED BY OTHERS
(TBA)	- TO BE ADJUSTED

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



LEGEND

	REMOVAL
(TBR)	- TO BE REMOVED
(TBR&R)	- TO BE REMOVED & RELOCATED
(TBRBO)	- TO BE REMOVED BY OTHERS
(TBR&RBO)	- TO BE REMOVED & RELOCATED BY OTHERS
(TBA)	- TO BE ADJUSTED



Juneau Associates, Inc. P.C.
CONSULTING ENGINEERS AND LAND SURVEYORS

2100 State Street, P.O. Box 1325
Granite City, Illinois 62540
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Fax: (618) 657-0911

100 North Research Drive
Edwardsville, Illinois 62025
Phone: (618) 299-1000 / (618) 299-0900
Fax: (618) 299-0911

REVISIONS			
NO.	DATE	BY	REMARKS

DWG. NO.

REMOVAL

BISSELL STREET
MADISON, ILLINOIS
SECTION No. 05-00001-00-WR

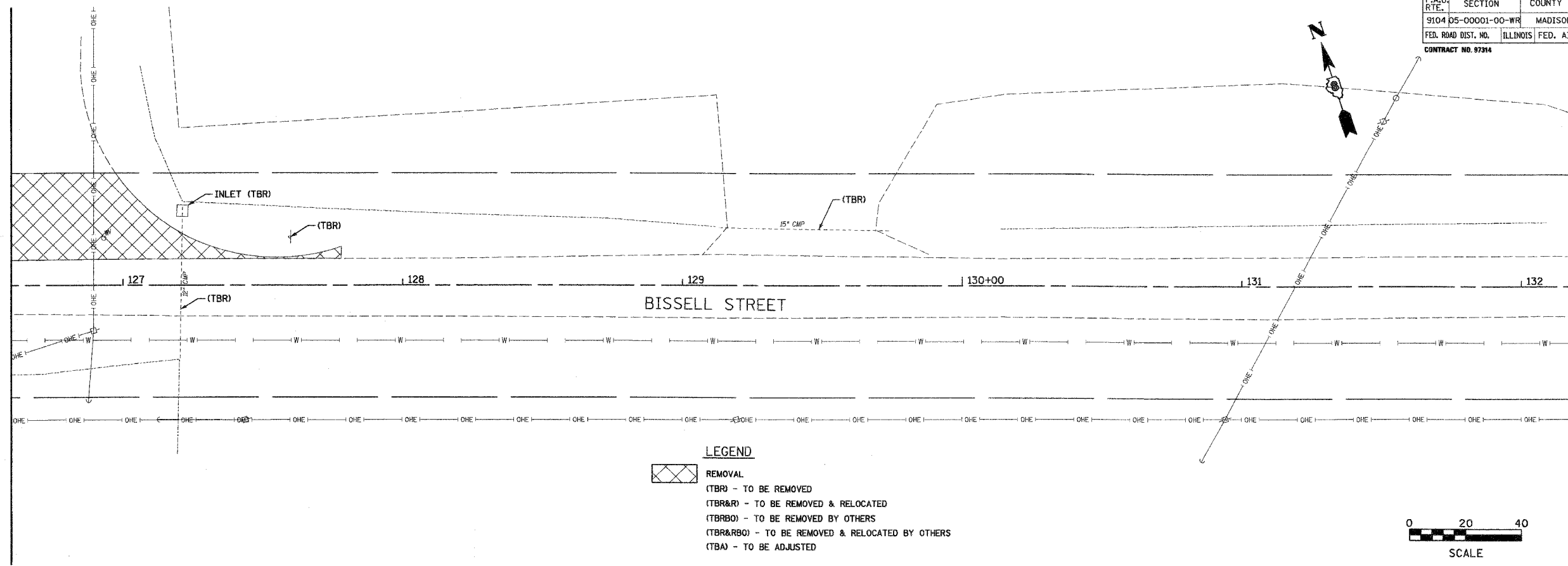
SCALE:
1 Inch = 20 feet

DSN. BY: BFK	DATE: 1/19/07	SHEET 63
DWN. BY: JDH	DATE: 1/19/07	
CHK'D: BFK	DATE: 1/19/07	
JOB NO. E061300	DGN. NAME: rem02	OF 102 SHTS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9104 05-00001-00-WR		MADISON	102	64
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 97314				

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

MATCH LINE STA. 126+60.00



LEGEND

REMOVAL

(TBR) - TO BE REMOVED

(TBR&R) - TO BE REMOVED & RELOCATED

(TBRBO) - TO BE REMOVED BY OTHERS

(TBR&RBO) - TO BE REMOVED & RELOCATED BY OTHERS

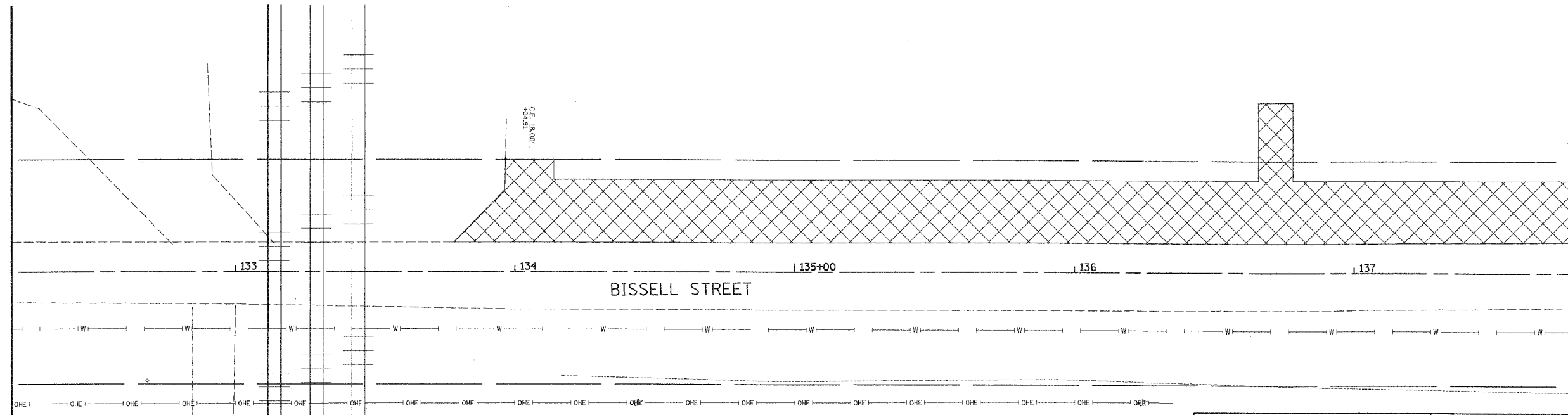
(TBA) - TO BE ADJUSTED

0 20 40
SCALE

MATCH LINE STA. 132+20.00

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

MATCH LINE STA. 132+20.00



LEGEND

REMOVAL

(TBR) - TO BE REMOVED

(TBR&R) - TO BE REMOVED & RELOCATED

(TBRBO) - TO BE REMOVED BY OTHERS

(TBR&RBO) - TO BE REMOVED & RELOCATED BY OTHERS

(TBA) - TO BE ADJUSTED

0 20 40
SCALE

MATCH LINE STA. 137+80.00

Juneau Associates, Inc. P.C.
CONSULTING ENGINEERS AND LAND SURVEYORS
2100 State Street, P.O. Box 1325
Bloomington, IL 61702-1325
Phone: (618) 977-4400/1515-1432-5235
Fax: (618) 977-5941

REVISIONS			
NO.	DATE	BY	REMARKS
DWG. NO.			

REMOVAL			
BISSELL STREET			
MADISON, ILLINOIS			
SECTION No. 05-00001-00-WR			
SCALE: 1 Inch = 20 feet			
DSN. BY: BFK	DATE: 1/19/07	SHEET	
DWN. BY: JDH	DATE: 1/19/07	64	
CHK'D: BFK	DATE: 1/19/07		
JOB NO. E061300	DGN. NAME: rem02	OF 102 SHTS	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9104 05-00001-00-WR	MADISON	102	65	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
CONTRACT NO. 97314				



LEGEND

REMOVAL

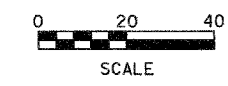
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(TBR&R) - TO BE REMOVED & RELOCATED

(TBRBO) - TO BE REMOVED BY OTHERS

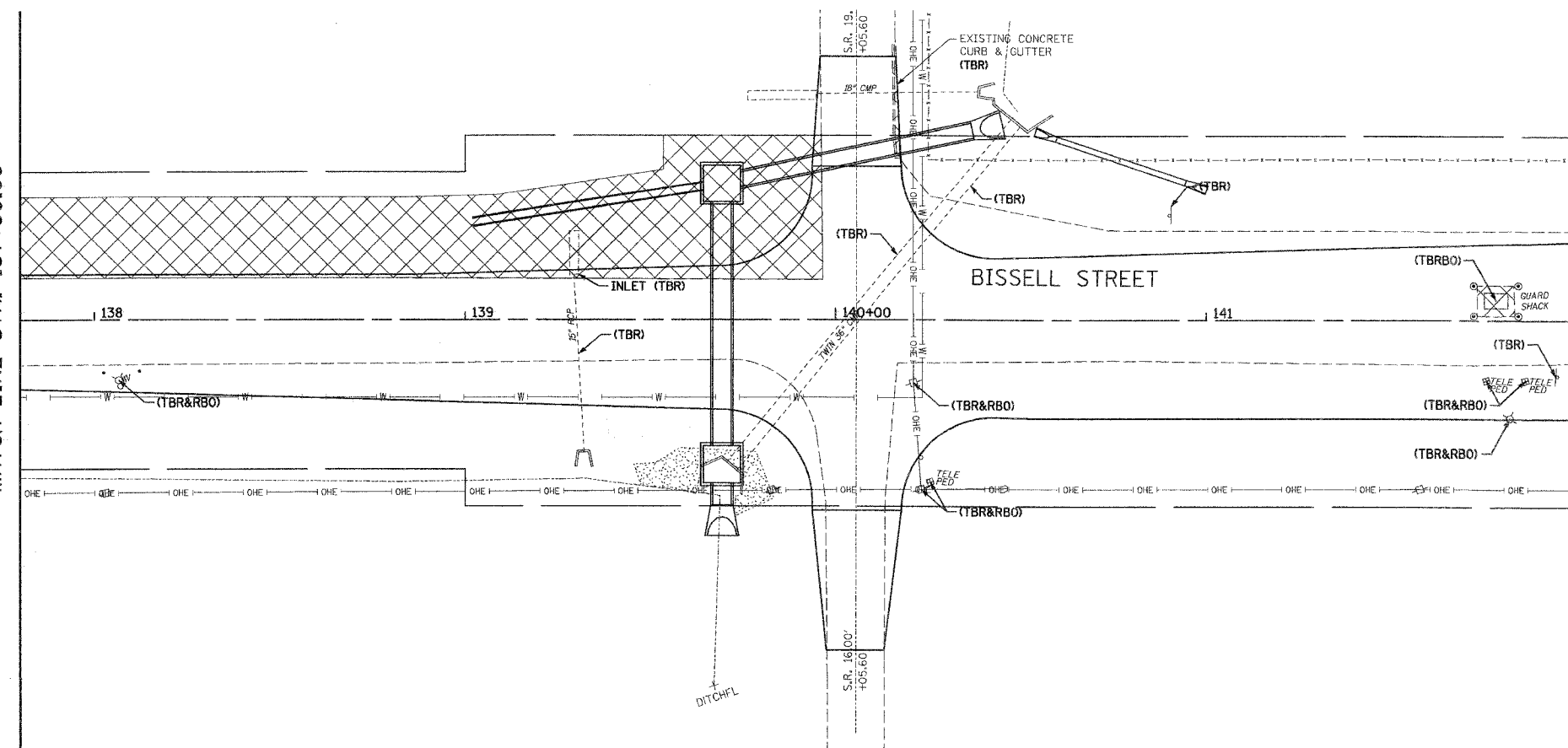
(TBR&RBO) - TO BE REMOVED & RELOCATED BY OTHERS

(TBA) - TO BE ADJUSTED



MATCH LINE STA. 137+80.00

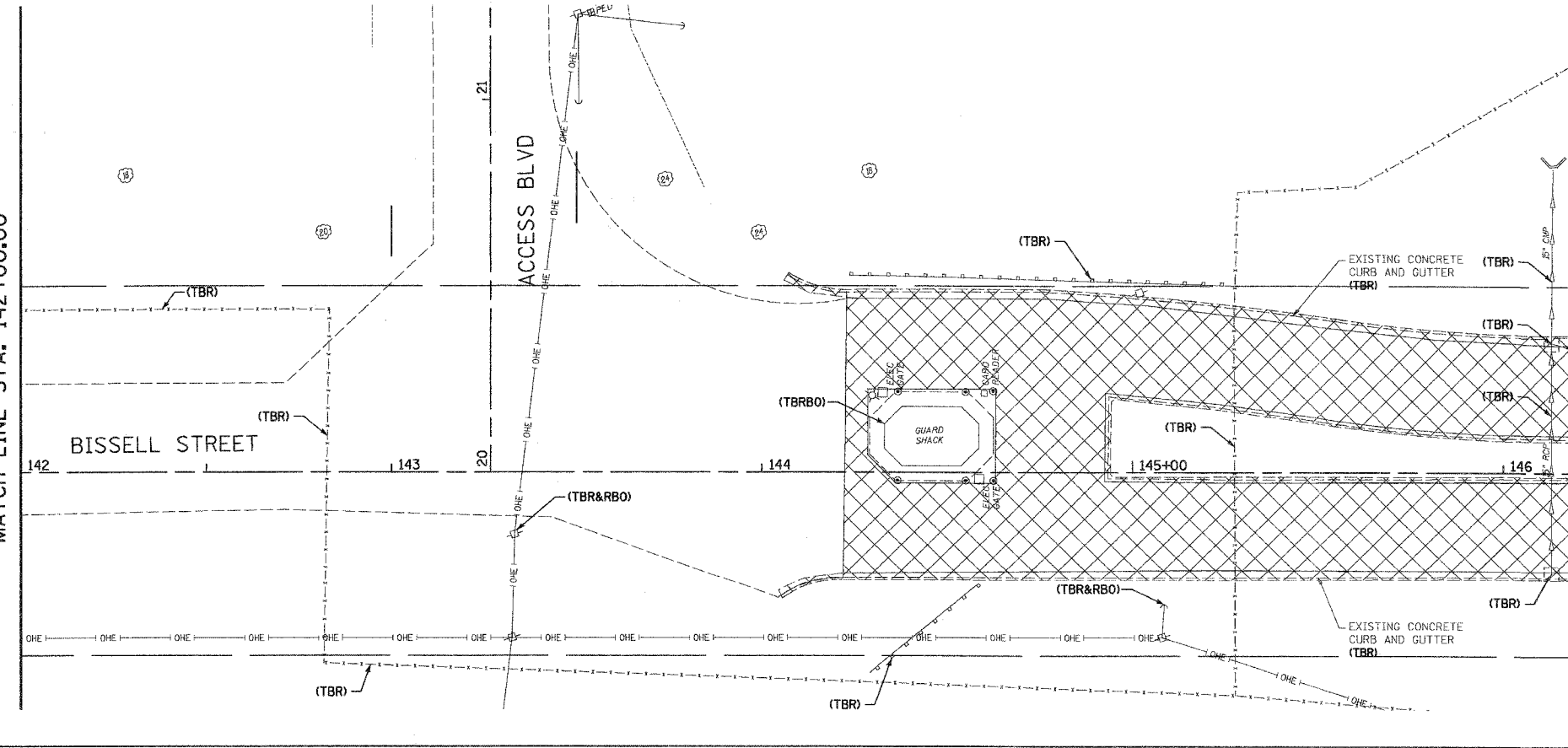
MATCH LINE STA. 142+00.00



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

MATCH LINE STA. 142+00.00

MATCH LINE STA. 146+20.00



LEGEND

REMOVAL

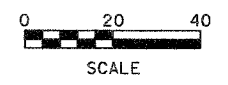
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(TBR&R) - TO BE REMOVED & RELOCATED

(TBRBO) - TO BE REMOVED BY OTHERS

(TBR&RBO) - TO BE REMOVED & RELOCATED BY OTHERS

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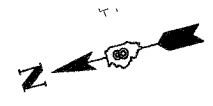
BY	DATE
ORIGINAL SURVEYED	
SURVEY PLOTTED	
NOTE BOOK TEMPLATE	
AREAS CHECKED	
NO.	

<p>Juneau Associates, Inc. P.C. CONSULTING ENGINEERS AND LAND SURVEYORS 1100 State Street, P.O. Box 1225 / 100 North Broadway Street Springfield, Illinois 62766 / Springfield, Illinois 62702 Phone: (618) 877-6600 / (618) 452-6600 / Fax: (618) 877-6591</p>		<p>REMOVAL</p> <p>BISSELL STREET MADISON, ILLINOIS SECTION No. 05-00001-00-WR</p>									
<p>REVISIONS</p> <table border="1"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>BY</th> <th>REMARKS</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>		NO.	DATE	BY	REMARKS					<p>SCALE: 1 Inch = 20 feet</p>	
NO.	DATE	BY	REMARKS								
<p>DWG. NO.</p>		<p>DSN. BY: BFK DATE: 1/19/07</p> <p>DWN. BY: JDH DATE: 1/19/07</p> <p>CHK'D: BFK DATE: 1/19/07</p>									
<p>JOB NO. E061300 DGN. NAME rem03</p>		<p>SHEET 65 OF 102 SHTS</p>									

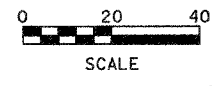
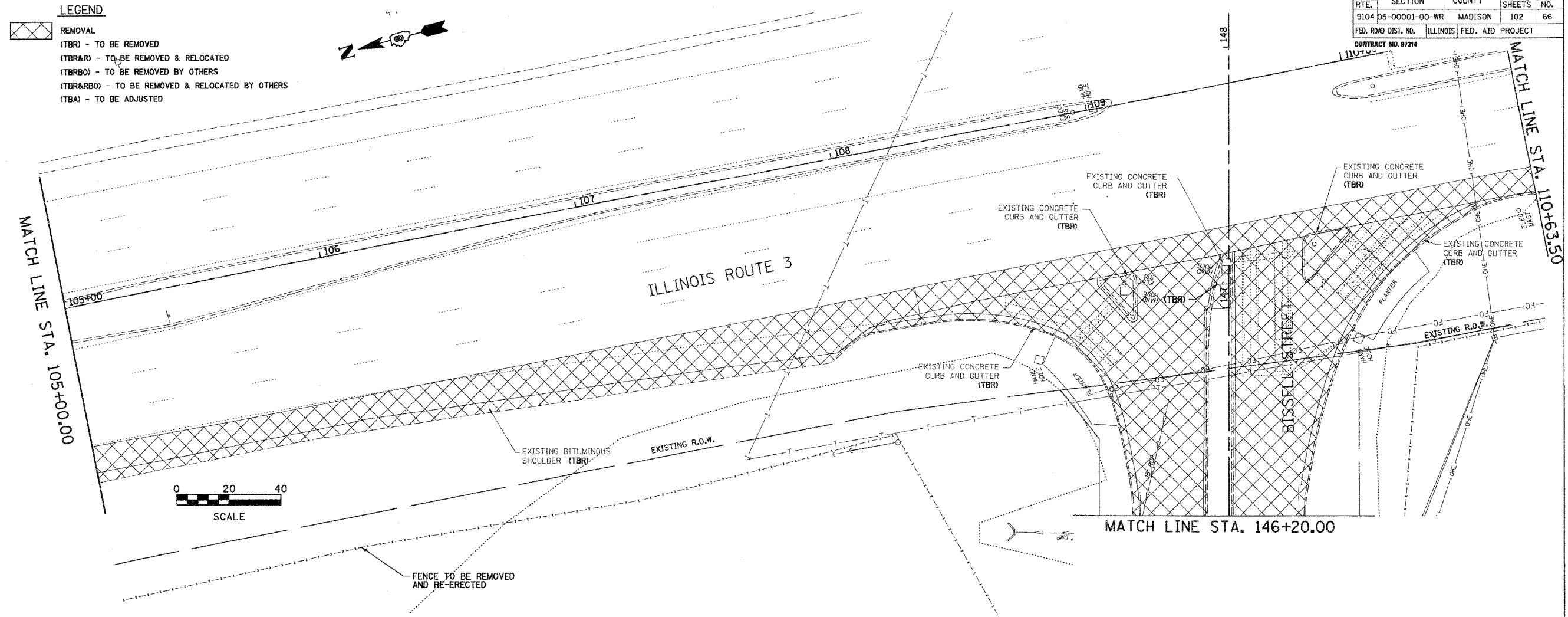
F.A.I.D. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

CONTRACT NO. 87314

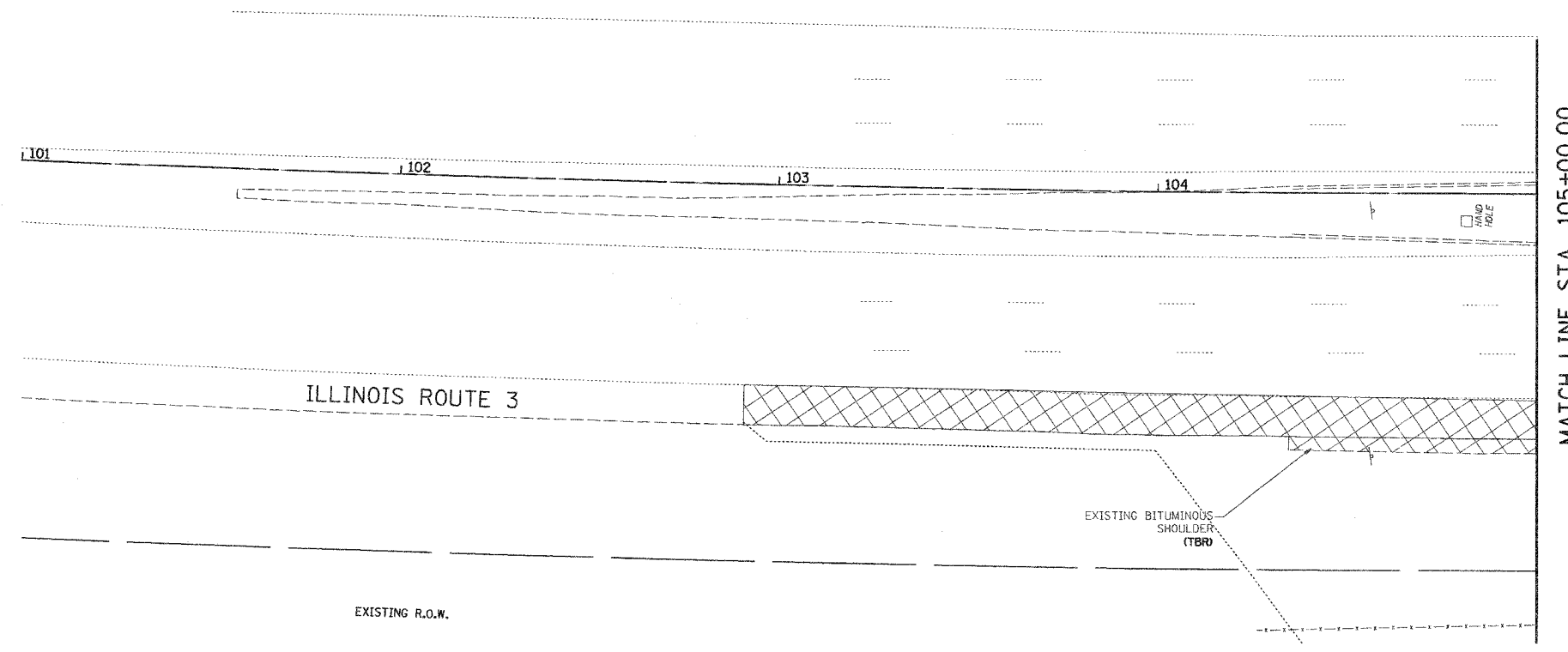
LEGEND
 REMOVAL
 (TBR) - TO BE REMOVED
 (TBR&R) - TO BE REMOVED & RELOCATED
 (TBRBO) - TO BE REMOVED BY OTHERS
 (TBR&RBO) - TO BE REMOVED & RELOCATED BY OTHERS
 (TBA) - TO BE ADJUSTED



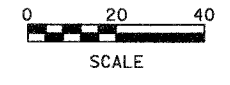
FINAL SURVEY	DATE
SURVEY PLOTTED	BY
NOTE BOOK TEMPLATE	
AREAS CHECKED	
NO.	



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



LEGEND
 REMOVAL
 (TBR) - TO BE REMOVED
 (TBR&R) - TO BE REMOVED & RELOCATED
 (TBRBO) - TO BE REMOVED BY OTHERS
 (TBR&RBO) - TO BE REMOVED & RELOCATED BY OTHERS
 (TBA) - TO BE ADJUSTED



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 CONSULTING ENGINEERS AND LAND SURVEYORS
 2100 State Street, P.O. Box 1325
 Granite City, Illinois 62040
 Phone: (618) 937-4600 / (618) 937-5035
 Fax: (618) 937-0541

REMOVAL
BISSELL STREET
MADISON, ILLINOIS
SECTION No. 05-0001-00-WR

REVISIONS			
NO.	DATE	BY	REMARKS

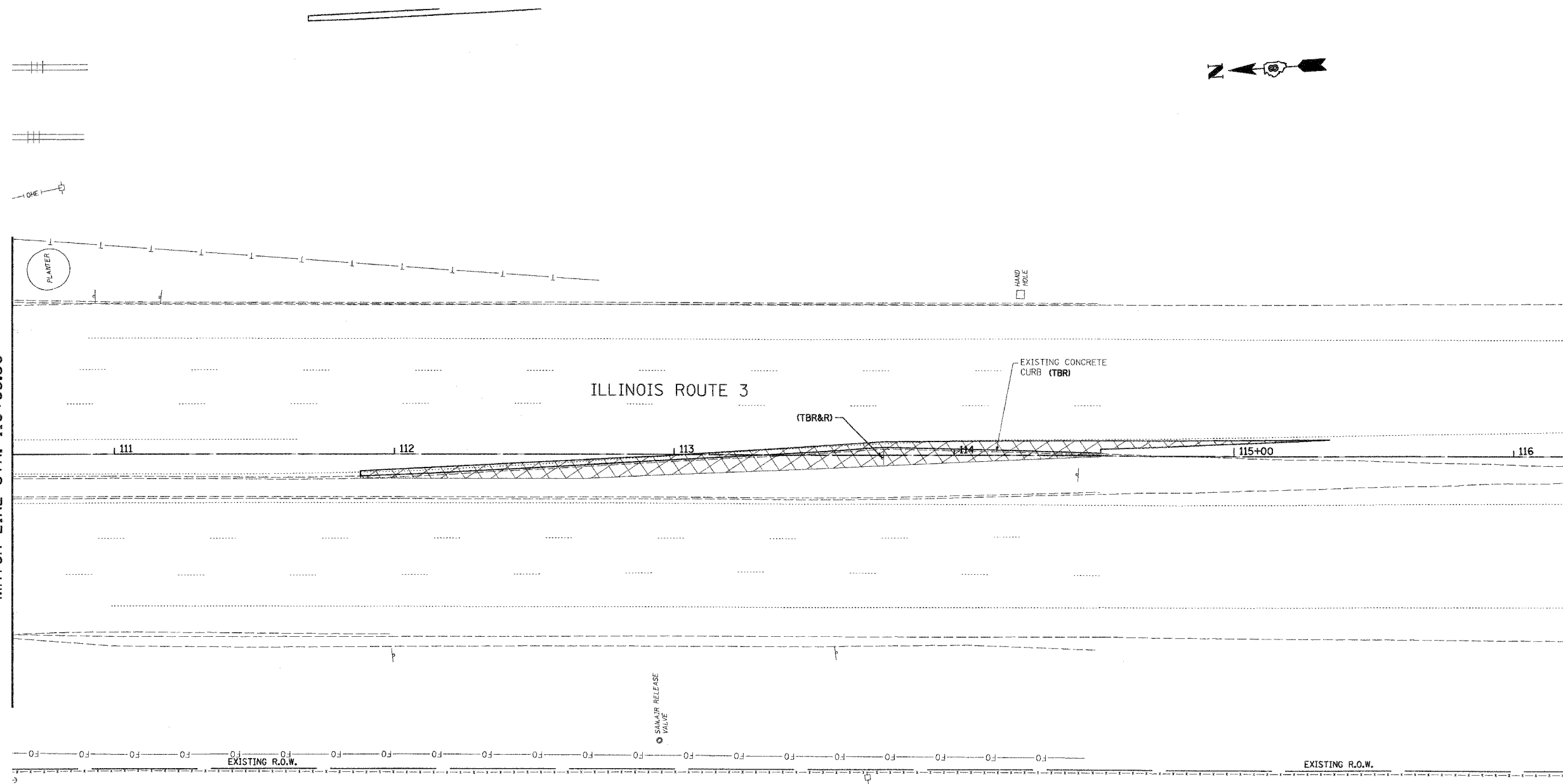
SCALE 1 inch = 20 feet	
DSN. BY: BFK	DATE: 1/19/07
DWN. BY: JDH	DATE: 1/19/07
CHKD: BFK	DATE: 1/19/07
JOB NO. E061300	DGN. NAME: rem04
SHEET 66 OF 102 SHTS	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9104 05-00001-00-WR	MADISON	102	67	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 97314				

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

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

MATCH LINE STA. 110+63.50



LEGEND

REMOVAL

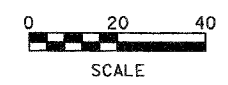
(TBR) - TO BE REMOVED

(TBR&R) - TO BE REMOVED & RELOCATED

(TBRBO) - TO BE REMOVED BY OTHERS

(TBR&RBO) - TO BE REMOVED & RELOCATED BY OTHERS

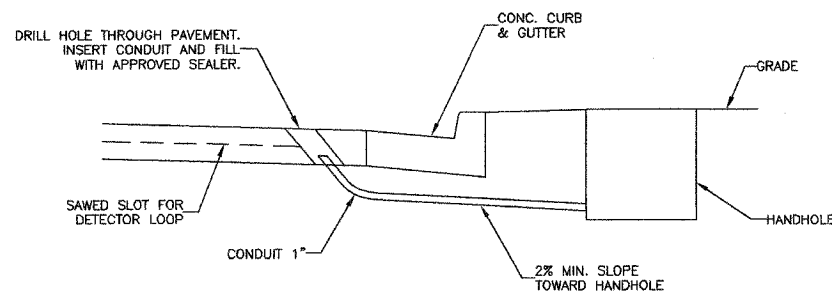
(TBA) - TO BE ADJUSTED



JunEAU Associates, Inc. P.C. <small>CONSULTING ENGINEERS AND LAND SURVEYORS</small> 2100 State Street, P.O. Box 1325 Granite City, Illinois 62040 Phone: (618) 957-4400 / (618) 957-4535 Fax: (618) 957-0541		REMOVAL BISSELL STREET MADISON, ILLINOIS SECTION No. 05-00001-00-WR									
REVISIONS <table border="1"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>BY</th> <th>REMARKS</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>		NO.	DATE	BY	REMARKS					SCALE: 1 Inch = 20 feet DSN. BY: BFK DATE: 1/19/07 DWN. BY: JDH DATE: 1/19/07 CHKD: BFK DATE: 1/19/07	
NO.	DATE	BY	REMARKS								
DWG. NO.		JOB NO. E061300 DGN. NAME: rem05 OF 102 SHTS									

SUMMARY OF QUANTITIES

PAY CODE NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY TOTAL
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1006
88600100	DETECTOR LOOP, TYPE I	FOOT	542
89502100	REBUILD EXISTING SIGNAL HEAD	EACH	3
89502200	MODIFY EXISTING CONTROLLER	EACH	1
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	703



**DETAIL
DETECTOR LOOP LEAD-IN
WITH CURB & GUTTER**

ELECTRICAL GENERAL NOTES:

- ALL VEHICLE SIGNAL HEADS SHALL BE POLYCARBONATE AND HAVE 12 INCH INDICATIONS. ALL MOUNTING HARDWARE SHALL BE UNPAINTED ALUMINUM.
- ALL TRAFFIC SIGNAL CABLES SHALL BE #14 AWG STRANDED COPPER, UNLESS OTHERWISE SPECIFIED. FIELD WIRES SHALL BE LANDED AT CONTROLLER OUTPUT TERMINALS USING ILSCO SLU-35 CONNECTORS OR EQUIVALENT.
- THE LOCATION OF ALL DETECTOR LOOPS SHALL BE APPROVED BY THE ENGINEER BEFORE ANY SLOTS ARE SAWS IN THE PAVEMENT.
- DETECTOR LOOP LEAD-IN SPLICES SHALL BE MADE IN A HANDHOLE PER ARTICLE 873.03 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STANDARD DRAWING 886001. CONDUCTORS SHALL BE SPLICED IN A RIGID MOLD. ROSIN-CORE SOLDER SHALL BE USED.
- CALL DELAY SHALL NOT FUNCTION WHEN THE RELATED PHASES ARE IN THE GREEN MODE.
- ALL UTILITIES SHALL BE LOCATED IN THE FIELD PRIOR TO ANY ATTEMPT TO CONSTRUCT ANY COMPONENT OF THE VARIOUS TRAFFIC SIGNAL INSTALLATION. AGENCIES KNOWN TO HAVE UNDERGROUND FACILITIES WITHIN THE LIMITS OF THIS IMPROVEMENT ARE THE FOLLOWING: (MEMBER OF J.U.L.I.E. PHONE (800) 892-0123 ARE INDICATED BY *(CALL ONE WEEK BEFORE YOU PLAN TO DIG).

*WATER - ILLINOIS AMERICAN
*TELEPHONE - AT&T ILLINOIS
*GAS & ELECTRIC - AMEREN IP
*SANITARY SEWER - CITY OF GRANITE CITY
*CABLE T.V. - CHARTER COMMUNICATONS
- ALL INDUCTIVE LOOP DETECTORS SUPPLIED FOR THIS PROJECT SHALL HAVE THE CAPACITY OF OPERATING WITH BOTH DELAY AND EXTENSION MODES ACTIVE, IF A TIME SETTING IS PROGRAMMED. THEY SHALL BE RACK MOUNTED.

**DETECTOR LOOP REQUIREMENTS & CALCULATIONS
IL RTE 3 & BISSELL AVE**

LOOP	PHASE	LOOP SIZE (FEET)	REQUIRED NO. OF TURNS	CALCULATED DISTANCE (microhenries) μH	CALCULATED RESISTANCE (ohms) Ω
EB LT	3	6' x 50'	3-6-3	862	3.3
EB THRU	8	6' x 50'	3-6-3	865	3.4
EB RT	8	6' x 50'	3-6-3	867	3.4

THE ABOVE VALUES ARE CALCULATION OF COMBINED LOOP & LEAD-IN INDUCTANCE AND RESISTANCE. ACTUAL MEASURED VALUES SHOULD BE WITHIN $\pm 20\%$ OF THESE VALUES.

STANDARDS

- 857001
- 880006
- 886001
- 886006

FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
X	X	MADISON		
JOB NO.		ILLINOIS		

TRAFFIC SIGNAL LEGEND

- EXISTING TRAFFIC SIGNAL MAST ARM
- EXISTING HANDHOLE
- EXISTING DOUBLE HANDHOLE
- PROPOSED DETECTOR LOOP
- EXISTING DETECTOR LOOP
- PROPOSED CONDUIT: "T" TRENCH, "P" PUSHED, SIZE SPECIFIED
- EXISTING CONDUIT
- EXISTING SERVICE INSTALLATION
- EXISTING CONTROLLER CABINET
- G.S.C. GALVANIZED STEEL CONDUIT
- P.V.C.C. POLYVINYL CHLORIDE CONDUIT

SHEET NO.

68

Job No. 046-06
Date: 11/16/06
Scale: NONE
Drawn by: A.J.T.
Design by: K.W.
Approved by: C.M.B.
File Name: TS046-06

REVISIONS

CBB Crawford, Bunte, Brammeier
Traffic and Transportation Engineers
St. Louis, Missouri/Glen Carbon, Illinois
314-878-6644 618-656-2612
Fax: 314-878-5876 E-Mail: cbb@cbbtraffic.com

SUMMARY OF QUANTITIES
IL. RTE. 3 & BISSELL AVE.
GRANITE CITY, ILLINOIS

CONTROLLER PHASING

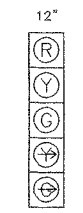
PROPOSED											
PHASE Ø	1	2	3	4	5	6	7	8	O.L. A	O.L. B	O.L. C
MOVEMENT	NB LT	SB	EB LT	WB	SB LT	NB	WB LT	EB			
CONCURRENT MOVEMENT PERMITTED	5 or 6	5 or 6	7 or 8	7 or 8	1 or 2	1 or 2	3 or 4	3 or 4	9 + 11	2 + 3	1 + 8

RAILROAD TRACK CLEARANCE PHASES: 4 AND 7
 PERMISSIVE PHASES DURING PRE-EMPTION: 1, 2, 3, 6 AND O.L.A, O.L.B
 WITH "NO RIGHT TURN" SIGN ACTIVATED

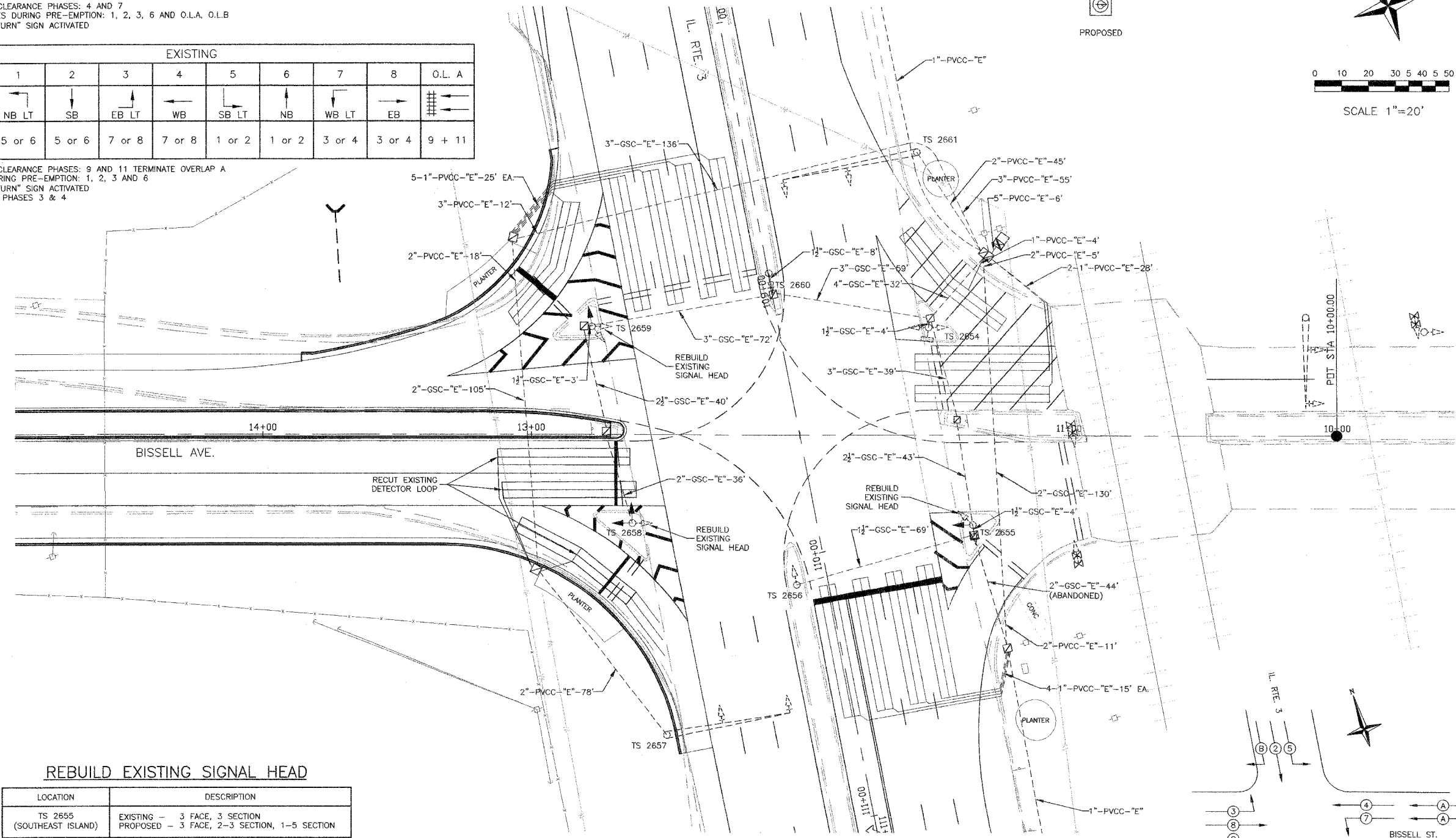
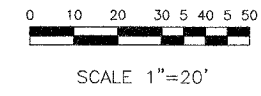
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PHASE Ø	1	2	3	4	5	6	7	8	O.L. A
MOVEMENT	NB LT	SB	EB LT	WB	SB LT	NB	WB LT	EB	
CONCURRENT MOVEMENT PERMITTED	5 or 6	5 or 6	7 or 8	7 or 8	1 or 2	1 or 2	3 or 4	3 or 4	9 + 11

RAILROAD TRACK CLEARANCE PHASES: 9 AND 11 TERMINATE OVERLAP A
 HOLD PHASES DURING PRE-EMPTION: 1, 2, 3 AND 6
 WITH "NO RIGHT TURN" SIGN ACTIVATED
 PHASE REVERSAL: PHASES 3 & 4

TRAFFIC SIGNAL FACES

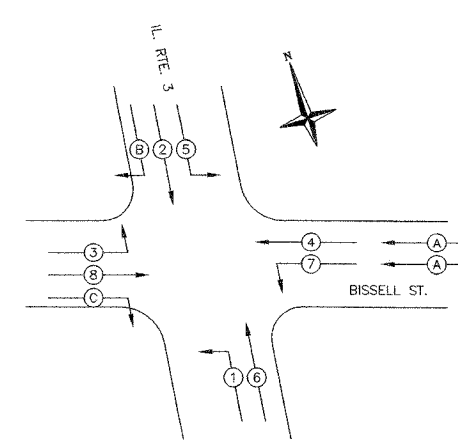


FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
X	X	MADISON		
JOB NO.	ILLINOIS			



REBUILD EXISTING SIGNAL HEAD

LOCATION	DESCRIPTION
TS 2655 (SOUTHEAST ISLAND)	EXISTING - 3 FACE, 3 SECTION PROPOSED - 3 FACE, 2-3 SECTION, 1-5 SECTION
TS 2658 (SOUTHWEST ISLAND)	EXISTING - 2 FACE, 1-3 SECTION, 1-5 SECTION PROPOSED - 3 FACE, 5 SECTION
TS 2659 (NORTHWEST ISLAND)	EXISTING - 3 FACE, 3 SECTION PROPOSED - 3 FACE, 2-3 SECTION, 1-5 SECTION



PHASE DESIGNATION DIAGRAM

SHEET NO.

69

Job No. 046-06
 Date: 11/15/06
 Scale: 1" = 20'
 Drawn by: A.J.T.
 Design by: K.W.
 Approved by: C.M.B.
 File Name: TS046-06







REVISIONS

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 Fax: 314-878-5876 E-Mail: cbb@cbbtraffic.com

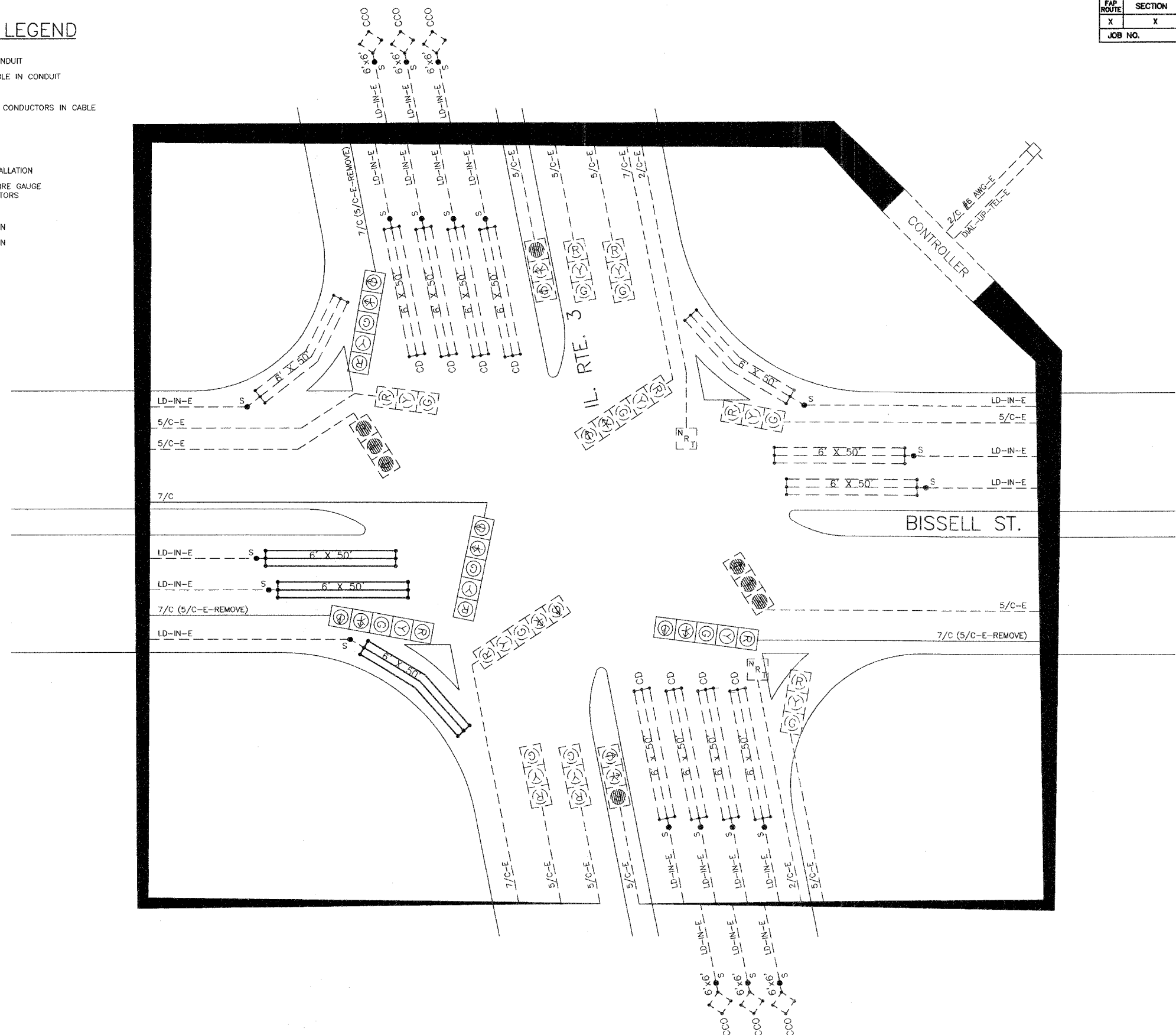
TRAFFIC SIGNAL PLAN

ILL. RTE. 3 & BISSELL AVE.
GRANITE CITY, ILLINOIS

CABLE DIAGRAM LEGEND

-  ELECTRIC CABLE IN CONDUIT
-  EXISTING ELECTRIC CABLE IN CONDUIT
-  CABLE SPLICE
- 2/C INDICATES NUMBER OF CONDUCTORS IN CABLE
- LD-IN LOOP LEAD-IN
- CD CALL DELAY
- CCO CALL CARRY OVER
-  EXISTING SERVICE INSTALLATION
- #6 INDICATES AMERICAN WIRE GAUGE (AWG) SIZE 6 CONDUCTORS
- E EXISTING
-  TRAFFIC SIGNAL SECTION
-  TRAFFIC SIGNAL SECTION WITH LOUVER

FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
X	X	MADISON		
JOB NO.		ILLINOIS		



SHEET NO.
70

Job No. 046-06
Date: 11/15/06
Scale:
Drawn by: A.I.T.
Design by: K.W.
Approved by: C.M.B.
File Name: TS046-06

REVISIONS

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CABLE DIAGRAM
IL. RTE. 3 & BISSELL AVE.
GRANITE CITY, ILLINOIS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9104 05-00001-00-WR		MADISON	102	71
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 97314

STORM WATER POLLUTION PREVENTION PLAN

THE FOLLOWING PLAN IS ESTABLISHED AND INCORPORATED IN THE PROJECT TO DIRECT THE CONTRACTOR IN THE PLACEMENT OF TEMPORARY EROSION CONTROL SYSTEMS AND TO PROVIDE A STORM SEWER WATER POLLUTION PREVENTION PLAN FOR COMPLIANCE UNDER NPDES.

THE PURPOSE OF THIS PLAN IS TO MINIMIZE EROSION WITHIN THE CONSTRUCTION SITE AND TO LIMIT SEDIMENTS FROM LEAVING THE CONSTRUCTION SITE BY UTILIZING PROPER TEMPORARY EROSION CONTROL SYSTEMS AND PROVIDING GROUND COVER WITHIN A REASONABLE AMOUNT OF TIME.

CERTAIN EROSION CONTROL FACILITIES SHALL BE INSTALLED BY THE CONTRACTOR AT THE BEGINNING OF CONSTRUCTION. OTHER ITEMS SHALL BE INSTALLED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER ON A CASE BY CASE SITUATION DEPENDING ON THE CONTRACTOR'S SEQUENCE OF ACTIVITIES, TIME OF YEAR, AND EXPECTED WEATHER CONDITIONS.

THE CONTRACTOR SHALL INSTALL PERMANENT EROSION CONTROL SYSTEMS AND SEEDING WITHIN A TIME FRAME SPECIFIED HEREIN AND AS DIRECTED BY THE ENGINEER, THEREFORE MINIMIZING THE AMOUNT OF AREA SUSCEPTIBLE TO EROSION AND REDUCING THE AMOUNT OF TEMPORARY SEEDING. THE ENGINEER WILL DETERMINE IF ANY TEMPORARY EROSION CONTROL SYSTEMS SHOWN IN THE PLAN CAN BE DELETED AND IF ANY ADDITIONAL TEMPORARY EROSION CONTROL SYSTEMS, WHICH ARE NOT INCLUDED IN THIS PLAN, SHALL BE ADDED. THE CONTRACTOR SHALL PERFORM ALL WORK AS DIRECTED BY THE ENGINEER AND AS SHOWN IN STANDARD 280001 OF THE PLANS.

THE SPECIAL PROVISIONS FOR TEMPORARY EROSION CONTROL SEEDING ADDITIONALLY SUPPLEMENT THIS PLAN.

SITE DESCRIPTION

DESCRIPTION OF CONSTRUCTION ACTIVITY:

1. THE PROJECT CONSISTS OF RECONSTRUCTION OF ROADWAYS, AND REMOVAL OF OIL & CHIP ROADS.
2. CONSTRUCTION INCLUDES MODIFICATIONS TO EXISTING STORM WATER, INSTALLATION OF STORM SEWER, AND DRAINAGE DITCH IMPROVEMENTS.

DESCRIPTION OF INTENDED SEQUENCE FOR MAJOR CONSTRUCTION ACTIVITIES WHICH WILL DISTURB SOILS FOR MAJOR PORTIONS OF THE CONSTRUCTION SITE:

1. STORM SEWERS WILL BE CONSTRUCTED/MODIFIED.
2. PLACEMENT, MAINTENANCE, REMOVAL AND PROPER CLEAN-UP OF TEMPORARY EROSION CONTROL, SUCH AS PERIMETER EROSION BARRIER, TEMPORARY DITCH CHECKS, INLET PIPE PROTECTION, AND TEMPORARY SEEDING, ETC.
3. PLACEMENT OF PERMANENT EROSION CONTROL, SUCH AS RIPRAP DITCH, AND EROSION CONTROL BLANKET, SEEDING, ETC.
4. FINAL GRADING, PAVING AND OTHER MISCELLANEOUS ITEMS.

FINAL SURVEY PLOTTED	DATE
NOTE BOOK TEMPLATE	
AREAS CHECKED	
NO.	

ORIGINAL SURVEY PLOTTED	DATE
NOTE BOOK TEMPLATE	
AREAS CHECKED	
NO.	

AREA OF CONSTRUCTION SITE:

THE TOTAL AREA OF THE CONSTRUCTION SITE IS ESTIMATED TO BE 6.57 ACRES OF WHICH 6.57 ACRES WILL BE DISTURBED BY EXCAVATION, GRADING, AND OTHER ACTIVITIES.

OTHER REPORTS, STUDIES AND PLANS WHICH AID IN THE DEVELOPMENT OF THE STORM WATER POLLUTION PREVENTION PLAN AS REFERENCED DOCUMENTS:

1. INFORMATION OF THE SOILS AND TERRAIN WITHIN THE SITE WAS OBTAINED FROM TOPOGRAPHIC SURVEYS AND SOIL MAPS THAT WERE UTILIZED FOR THE DEVELOPMENT OF THE PROPOSED TEMPORARY EROSION CONTROL SYSTEMS.
2. PROJECT PLAN DOCUMENTS, SPECIFICATIONS AND SPECIAL PROVISIONS, AND PLAN DRAWINGS INDICATING DRAINAGE PATTERNS AND APPROXIMATE SLOPES ANTICIPATED AFTER GRADING ACTIVITIES WERE UTILIZED FOR THE PROPOSED PLACEMENT OF THE TEMPORARY EROSION CONTROL SYSTEMS.

DRAINAGE TRIBUTARIES AND SENSITIVE AREAS RECEIVING RUNOFF FROM THIS CONSTRUCTION SITE:

1. CHAIN OF ROCKS CANAL
2. MISSISSIPPI RIVER

CONTROLS - EROSION CONTROLS AND SEDIMENT CONTROL

DESCRIPTION OF STABILIZATION PRACTICES AT THE BEGINNING OF CONSTRUCTION:

1. THE DRAWINGS, SPECIFICATIONS AND SPECIAL PROVISIONS WILL ENSURE THAT EXISTING VEGETATION IS PRESERVED WHERE ATTAINABLE AND DISTURBED PORTIONS OF THE SITE WILL BE STABILIZED. STABILIZATION PRACTICES INCLUDE: TEMPORARY SEEDING, PERMANENT SEEDING, MULCHING, PROTECTION OF TREES, PRESERVATION OF MATURE VEGETATION, AND OTHER APPROPRIATE MEASURES AS DIRECTED BY THE ENGINEER. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN 7 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED.

(A.) AREAS OF EXISTING VEGETATION (WOOD AND GRASSLANDS) OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE IDENTIFIED BY THE ENGINEER FOR PRESERVING AND SHALL BE PROTECTED FROM CONSTRUCTION ACTIVITIES.

(B.) DEAD, DISEASED, OR UNSUITABLE VEGETATION WITHIN THE SITE SHALL BE REMOVED AS DIRECTED BY THE ENGINEER, ALONG WITH REQUIRED TREE REMOVAL.

(C.) AS SOON AS REASONABLE ACCESS IS AVAILABLE TO ALL LOCATIONS WHERE WATER DRAINS AWAY FROM THE PROJECT, TEMPORARY DITCH CHECKS, INLET AND PIPE PROTECTION, AND PERIMETER EROSION BARRIER SHALL BE INSTALLED AS CALLED OUT IN THIS PLAN AND DIRECTED BY THE ENGINEER.

(D.) BARE AND SPARSELY VEGETATED GROUND IN WHICH ERODIBLE AREAS AS DETERMINED BY THE ENGINEER SHALL BE TEMPORARILY SEEDED AT THE BEGINNING OF CONSTRUCTION WHERE NO CONSTRUCTION ACTIVITIES ARE EXPECTED WITHIN SEVEN DAYS.

(E.) IMMEDIATELY AFTER TREE REMOVAL IS COMPLETED, AREAS WHICH ARE HIGHLY ERODIBLE AS DETERMINED BY THE ENGINEER, SHALL BE TEMPORARILY SEEDED WHEN NO CONSTRUCTION ACTIVITIES ARE EXPECTED WITHIN SEVEN DAYS.

(F.) AT LOCATIONS WHERE A SIGNIFICANT AMOUNT OF WATER DRAINS INTO THE CONSTRUCTION ZONE FROM OUTSIDE AREAS (ADJACENT LANDOWNERS), TEMPORARY DITCH CHECKS WILL BE UTILIZED TO LOCALLY DIVERT WATER, REDUCE FLOW RATES, AND COLLECT OUTSIDE SILTATION INSIDE THE RIGHT-OF-WAY LINE.


2. ESTABLISHMENT OF THESE TEMPORARY EROSION CONTROL MEASURES WILL HAVE ADDITIONAL BENEFITS TO THE PROJECT. DESIRABLE GRASS SEED WILL BECOME ESTABLISHED IN THESE AREAS AND WILL SPREAD SEEDS ONTO THE CONSTRUCTION SITE UNTIL PERMANENT SEEDING/MOWING AND OVER SEEDING CAN BE COMPLETED.

THIS PLAN HAS BEEN PREPARED TO COMPLY WITH THE PROVISIONS OF THE NPDES PERMIT NUMBER ILR10, ISSUED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY FOR STORM WATER DISCHARGES FROM CONSTRUCTION SITE ACTIVITIES.

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

Robert Hayden
EXECUTIVE DIRECTOR

May 24, 2007
DATE

 Juneau Associates, Inc. P.C. CONSULTING ENGINEERS AND LAND SURVEYORS 2100 State Street, P.O. Box 1325 Northbrook, IL 60062 Phone: (815) 887-4400 / (815) 452-5555 Fax: (815) 452-5541		EROSION AND SEDIMENT CONTROL BISSELL STREET MADISON, ILLINOIS SECTION No. 05-00001-00-WR									
REVISIONS <table border="1"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>BY</th> <th>REMARKS</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>		NO.	DATE	BY	REMARKS					SCALE: 1 inch = 20 feet DSN. BY: BFK DATE: 1/19/07 DWN. BY: JDH DATE: 1/19/07 CHK'D: BFK DATE: 1/19/07 DWG. NO.	
NO.	DATE	BY	REMARKS								
JOB NO. E061300		DGN. NAME: EC GN OF 102 SHTS									

INLET AND PIPE PROTECTION SCHEDULE

LOCATION	INLET PIPE PROTECTOR (EACH)
BISSELL STREET	
STA. 127+16.84 - 26.44' LT	1
STA. 133+70.00 - 27.50' LT	1
STA. 136+71.90 - 26.04' LT	1
STA. 136+71.90 - 68.16' LT	1
STA. 139+00.16 - 25.91' LT	1
STA. 140+44.89 - 53.03' LT	1
STA. 140+85.49 - 60.85' LT	1
STA. 141+00.00 - 35.11' LT	1
STA. 146+16.25 - 42.40' RT	1
STA. 146+16.25 - 34.16' LT	1
TOTAL	10

DITCH CHECK SCHEDULE

LOCATION	DITCH CHECKS (EACH)
BISSELL STREET	
STA. 117+00.00 LT	1
STA. 117+00.00 RT	1
STA. 118+00.00 RT	1
STA. 118+00.00 LT	1
STA. 119+00.00 LT	1
STA. 119+00.00 RT	1
STA. 120+00.00 RT	1
STA. 120+00.00 LT	1
STA. 121+00.00 LT	1
STA. 121+00.00 RT	1
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STA. 136+00.00 LT	1
STA. 138+00.00 LT	1
STA. 142+00.00 LT	1
STA. 142+50.00 RT	1
STA. 144+50.00 LT	1
STA. 144+00.00 RT	1
STA. 144+60.00 LT	1
TOTAL	38

PERIMETER EROSION BARRIER SCHEDULE

LOCATION	PERIMETER EROSION BARRIER (FOOT)
BISSELL STREET	
STA. 145+00.25-50.34' RT TO STA. 147+25.22-88.78' RT	234.5
ILLINOIS ROUTE 3	
STA. 104+00.18-69.54' RT TO STA. 108+44.66-85.88' RT	501.5
TOTAL	736

RIPRAP SCHEDULE

LOCATION	LENGTH	WIDTH			DEPTH	STONE DUMPED RIPRAP CLASS A4	FILTER FABRIC FOR USE WITH RIPRAP	AGGREGATE BEDDING
		FOOT	FOOT	FOOT				
BISSELL STREET			A	B	C	D		
STA. 127+06.91 - 29.13' RT TO STA. 127+26.91 - 28.78' RT	31	2	2	2	2.8	19.9	19.9	7
STA. 133+66.00 - 25.80' RT TO STA. 133+74.00 - 35.80' RT	10	2	4	2	5.4	8.2	8.2	3
STA. 136+67.90 - 37.00' RT TO STA. 136+75.90 - 37.00' RT	10	2	1	7	0.8	8.2	8.2	3
STA. 139+00.00 - 38.02' RT TO STA. 139+77.96 - 78.16' RT	105	8	4	8	9.7	246.9	246.9	83
STA. 140+43.36 - 67.40' LT TO STA. 140+54.30-52.21' LT	11	0	11	0	3.6	20.3	20.3	7
STA. 146+09.82 - 94.96' LT TO STA. 146+16.46 - 85.38' LT	10	0	6	0	1.8	6.7	6.7	2
TOTAL						310	310	105

NOTE: AGGREGATE BEDDING QUANTITY PROVIDED FOR INFORMATION ONLY

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

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

Juneau Associates, Inc. P.C.
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100 North Woodworth Drive
Coeur d'Alene, ID 83814
Phone: (208) 765-0001 / (208) 765-0002
Fax: (208) 765-0941

REVISIONS			
NO.	DATE	BY	REMARKS

DWG. NO. _____

EROSION AND SEDIMENT CONTROL
BISSELL STREET
MADISON, ILLINOIS
SECTION No. 05-00001-00-WR

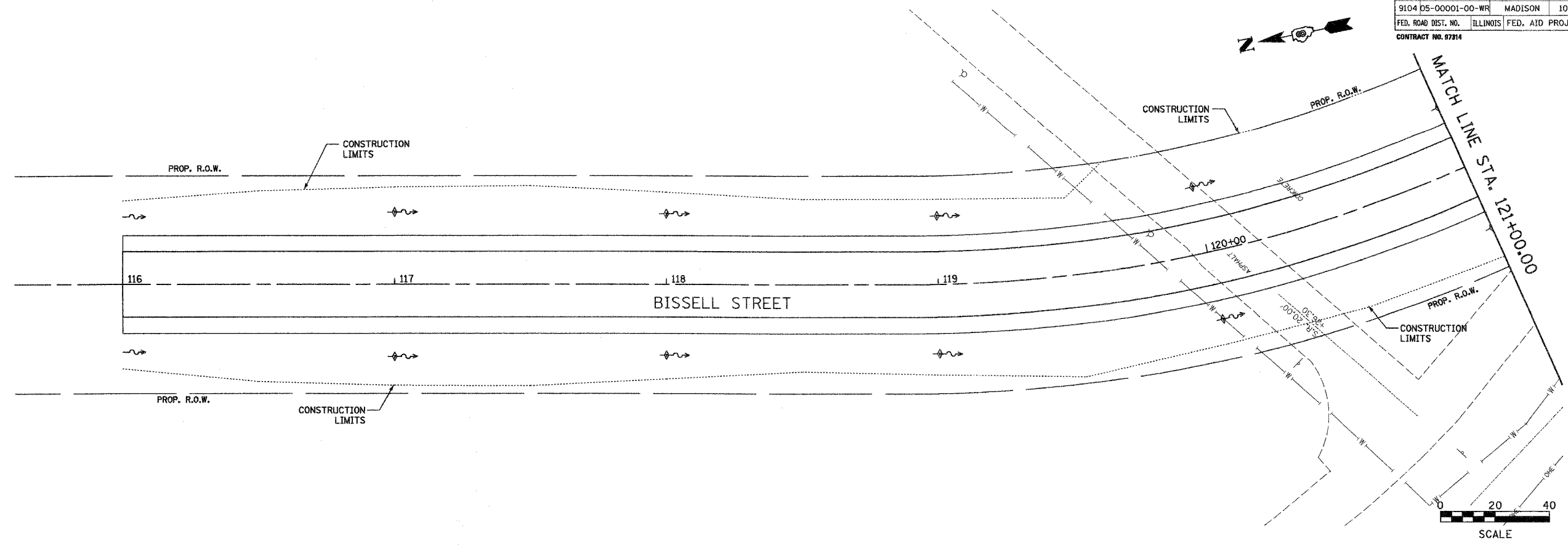
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CHKD: BFK	DATE: 1/19/07	
JOB NO. E061300	DGN. NAME EC_GN3	OF 102 SHTS

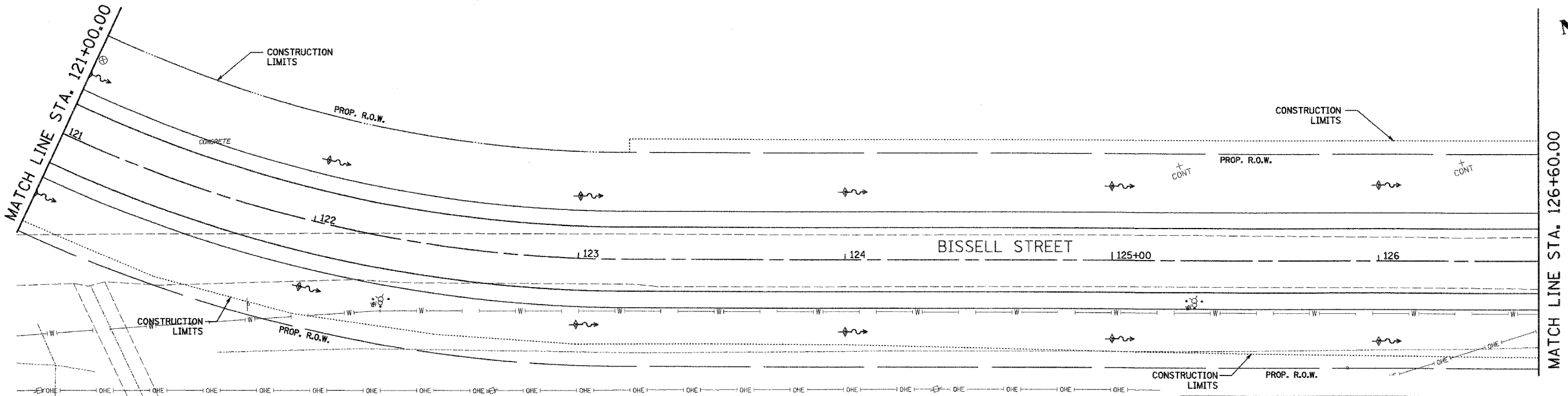
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9104 05-0001-00-WR		MADISON	102	74
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 07314				



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



ORIGINAL SURVEY	DATE
SURVEY PLOTTED	BY
NOTE BOOK TEMPLATE	
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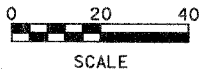


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EROSION AND SEDIMENT CONTROL
BISSELL STREET
MADISON, ILLINOIS
SECTION No. 05-0001-00-WR

REVISIONS			
NO.	DATE	BY	REMARKS

SCALE: 1 inch = 20 feet			
DSN. BY:	BFK	DATE:	1/19/07
DWN. BY:	JDH	DATE:	1/19/07
CHKD:	BFK	DATE:	1/19/07
DWG. NO.	JOB NO. E061300	DGN. NAME:	ER01



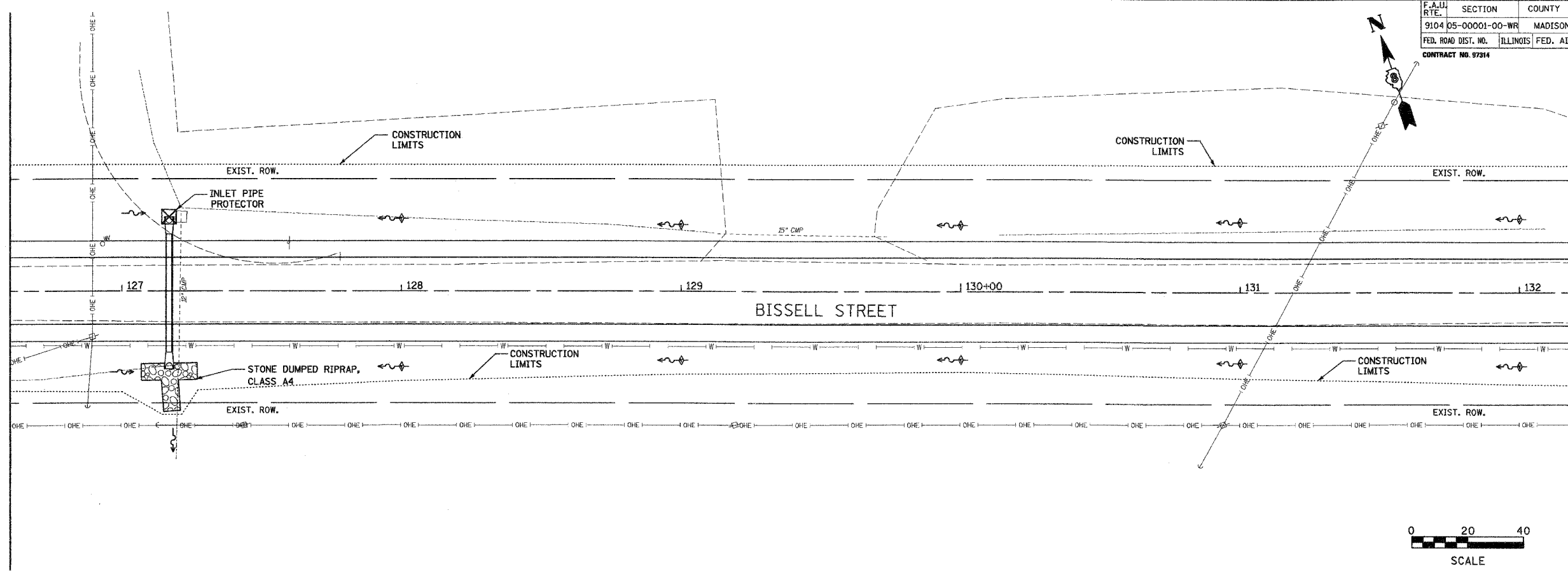
F.A.I. SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9104 05-00001-00-WR	MADISON	102	75
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	

CONTRACT NO. 97314

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

MATCH LINE STA. 126+60.00

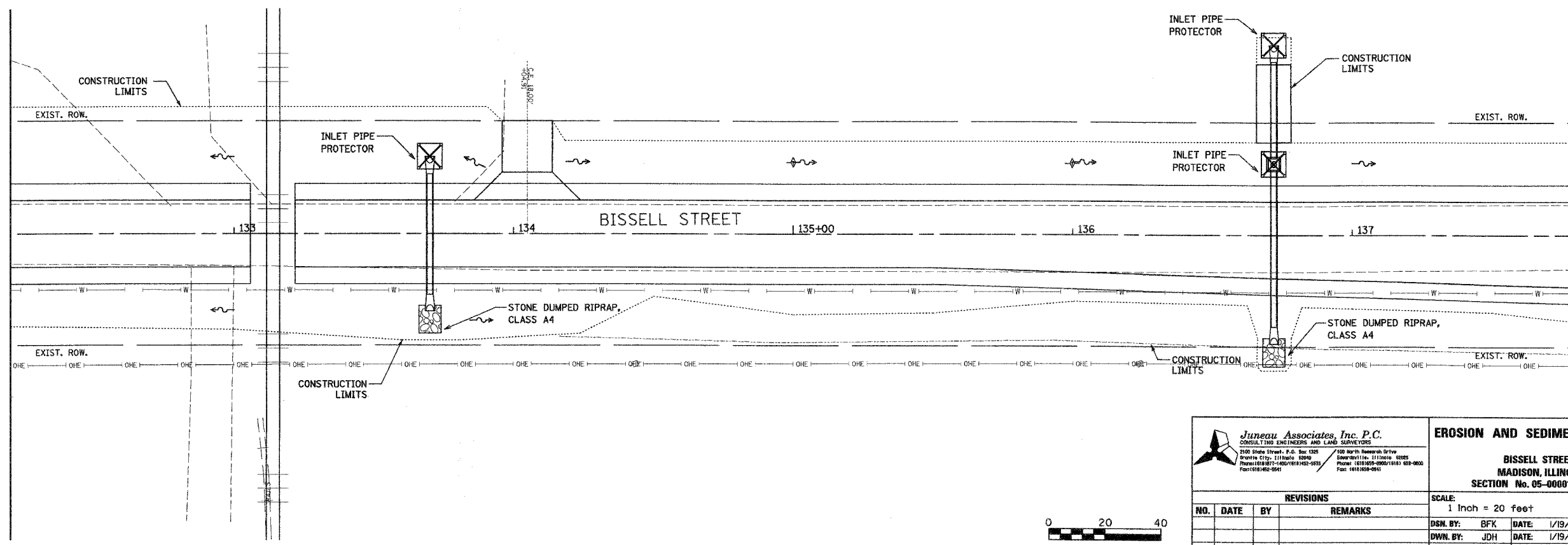
MATCH LINE STA. 132+20.00



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

MATCH LINE STA. 132+20.00

MATCH LINE STA. 137+80.00

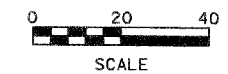


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Madison, IL 62240
Phone: (618) 932-1400 / (618) 932-0515
Fax: (618) 932-0511

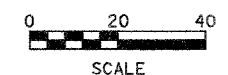
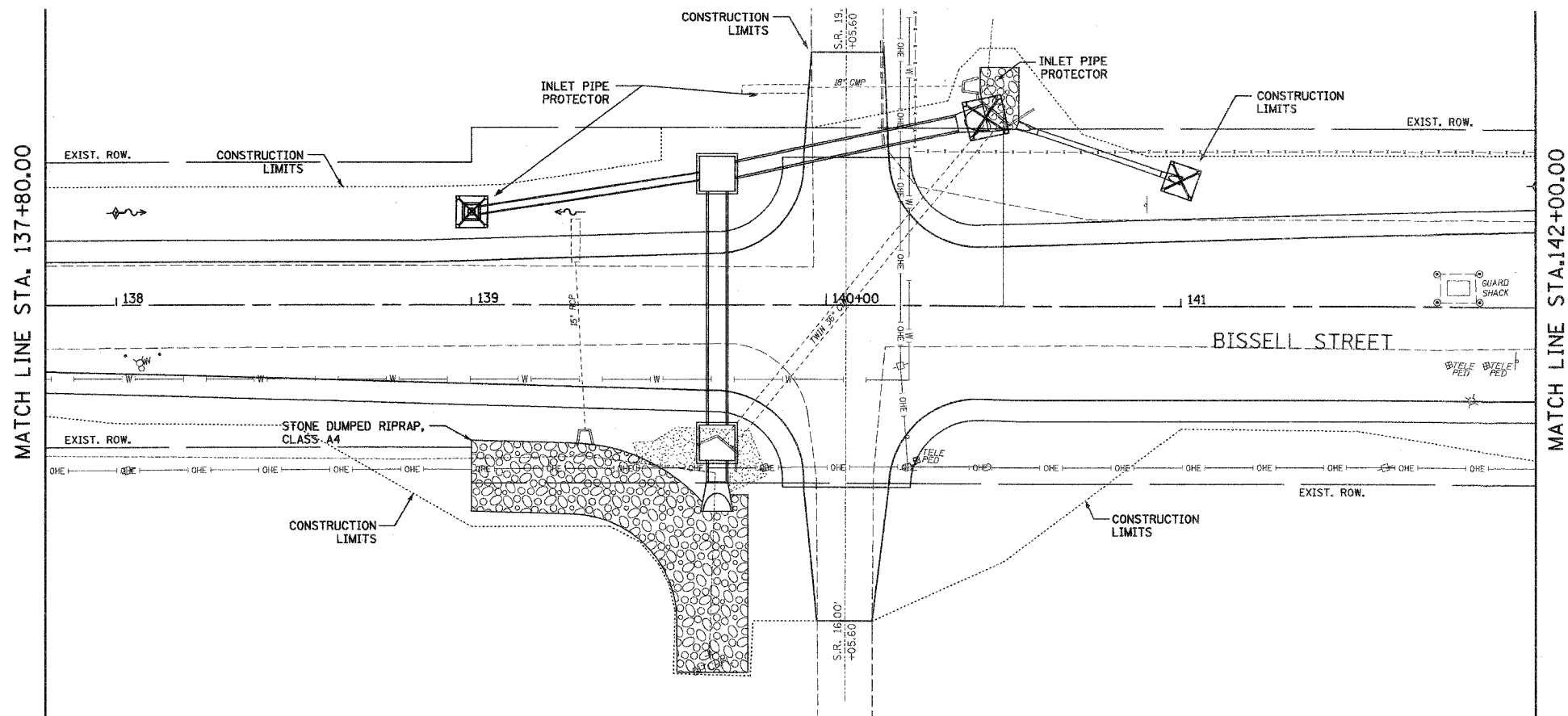
EROSION AND SEDIMENT CONTROL
BISSELL STREET
MADISON, ILLINOIS
SECTION No. 05-00001-00-WR

REVISIONS			
NO.	DATE	BY	REMARKS

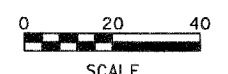
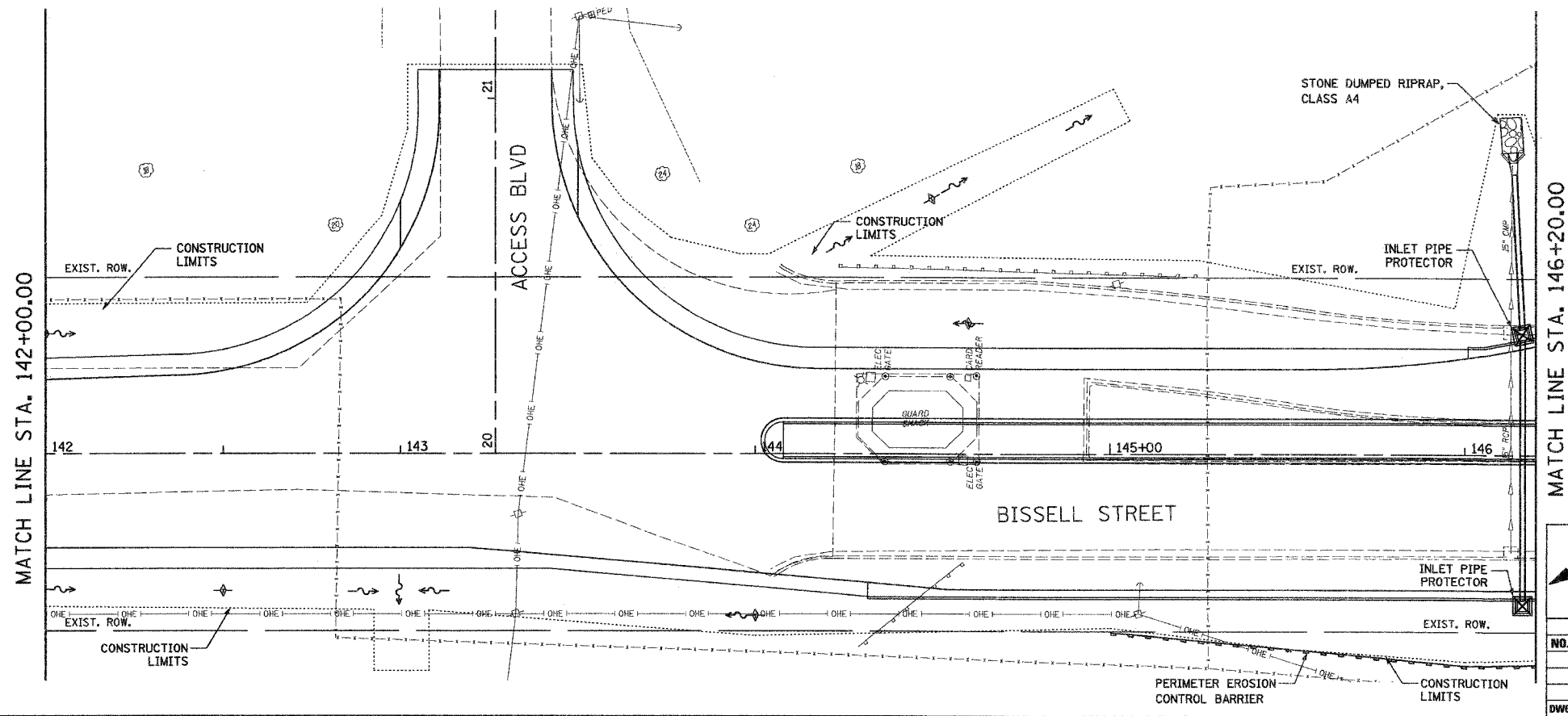
SCALE: 1 inch = 20 feet			
DSN. BY: BFK	DATE: 1/19/07	SHEET	
DWN. BY: JDH	DATE: 1/19/07	75	
CHKD: BFK	DATE: 1/19/07		
DWG. NO.:	JOB NO. E061300	DGN. NAME: ERO2	OF 102 SHTS



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9104 05-00001-00-WR		MADISON	102	76
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 97314				



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



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

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2100 Stone Street, P.O. Box 1320
MADISON, ILLINOIS 62402
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FAX: (618) 387-5541

EROSION AND SEDIMENT CONTROL

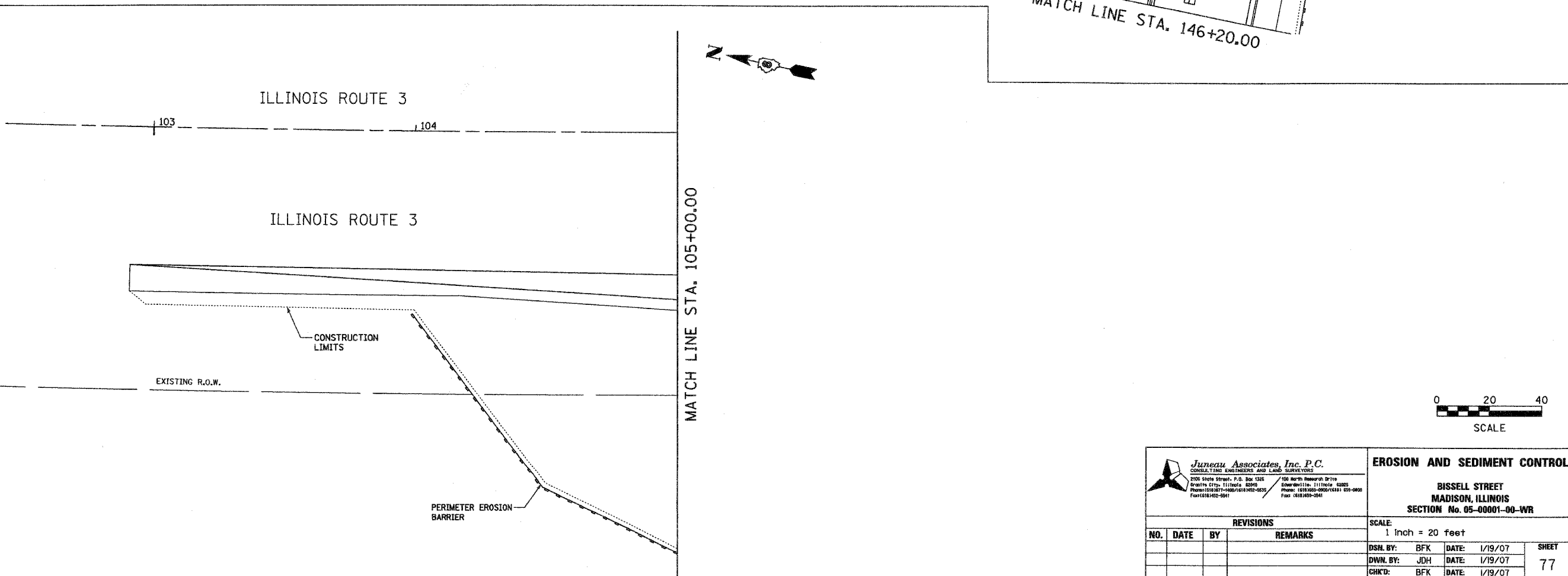
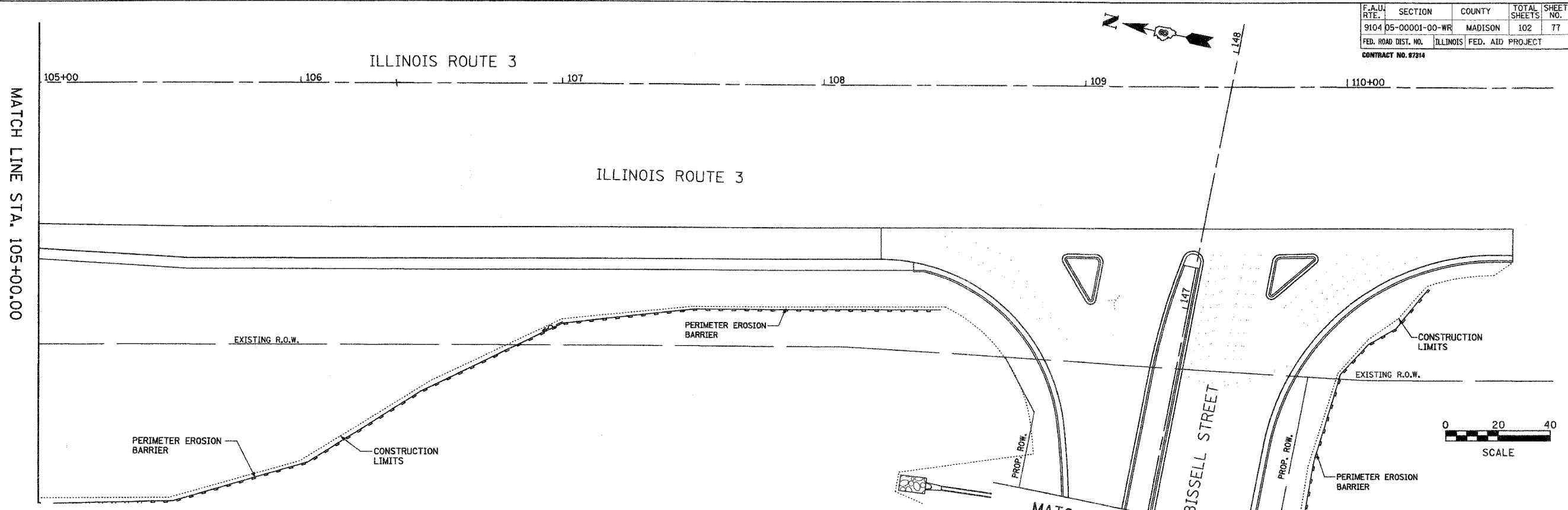
**BISSELL STREET
MADISON, ILLINOIS
SECTION No. 05-00001-00-WR**

REVISIONS			
NO.	DATE	BY	REMARKS

SCALE: 1 Inch = 20 feet			
DSN. BY: BFK	DATE: 1/19/07	SHEET 76	
DWN. BY: JDH	DATE: 1/19/07		
CHK'D: BFK	DATE: 1/19/07		
DWG. NO.	JOB NO. E061300	DGN. NAME: ER03	OF 102 SHITS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9104	05-00001-00-WR	MADISON	102	77
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 87314



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

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

Juneau Associates, Inc. P.C.
CONSULTING ENGINEERS AND LAND SURVEYORS
2005 State Street, P.O. Box 1225
Burlington, IL 62506
Phone: (618) 859-0500
Fax: (618) 859-0541

EROSION AND SEDIMENT CONTROL
BISSELL STREET
MADISON, ILLINOIS
SECTION No. 05-00001-00-WR

REVISIONS			
NO.	DATE	BY	REMARKS

SCALE: 1 inch = 20 feet	
DSN. BY: BFK	DATE: 1/19/07
DWN. BY: JDH	DATE: 1/19/07
CHK'D: BFK	DATE: 1/19/07
JOB NO. E061300	DGN. NAME: ERO4

SHEET
77

OF 102 SHTS

NOTES:

REINFORCING BARS, CLASS "PC" CONCRETE, CAST IRON RING AND COVER, AND ALL MATERIAL AND LABOR SHALL BE INCLUDED IN THE UNIT PRICE BID FOR "INLETS, SPECIAL, TYPE 1" COMPLETE AND IN PLACE.

THE TOPS OF ALL INLETS WHICH ARE LOCATED IN CURVES SHALL BE CONSTRUCTED TO CONFORM TO THE RADIUS OF THE CURVE.

THE INLET SHALL BE KLUETER BROS. CATCH BASIN W/FLAT LID OR SIMILAR BASED ON STRUCTURE SIZE.

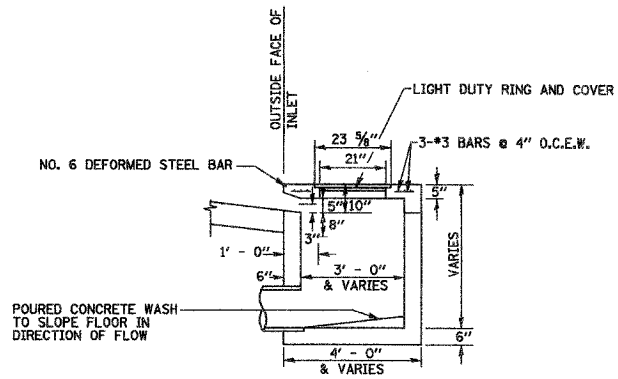
THE INLET LID SHALL BE KLUETER BROS. K-33 CATCH BASIN LID OR SIMILAR.

THE LIGHT DUTY RING AND COVER SHALL BE NEENAH FOUNDRY NO. R-1737 OR SIMILAR.

DETAILS FOR THE INLETS, SPECIAL, TYPE 1 AS SHOWN ABOVE ARE BASED UPON INSIDE DIMENSIONS OF 3'X3'. ALL OTHER SIZES NOTED IN THE PLANS REFER TO INSIDE DIMENSIONS.

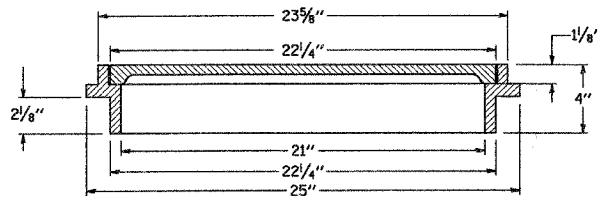
FOR THE INLETS, SPECIAL, TYPE 3 THE TOP SHALL BE INSTALLED WITH NO MOUTH OPENING.

FOR THE INLET, SPECIAL, TYPE 2, THERE SHALL BE AN ADDITIONAL OPENING SIMILAR TO THE OPENING AS SHOWN IN SECTION A-A PLACED IN THE REAR OF THE STRUCTURE.

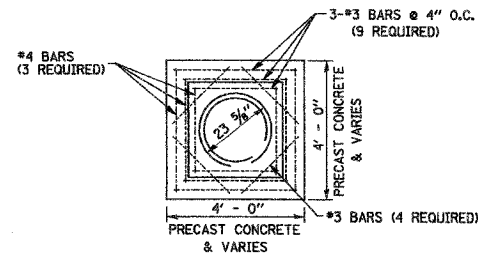


NOTES:
REINFORCING BARS USED IN THE INLET SHALL BE #4 BARS @ 10" O.C. BOTH WAYS.

SECTION A-A
N.T.S.

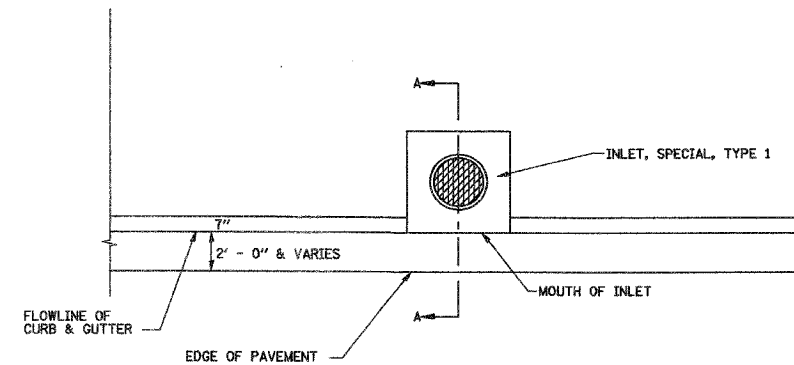


LIGHT DUTY RING AND COVER,
NEENAH No. R-1737 OR SIMILAR
N.T.S.

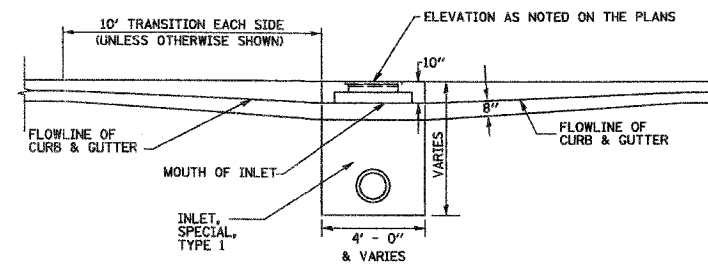


CONCRETE LID PLAN
N.T.S.

INLET WALL	
TYPE	THICKNESS
PRECAST CONCRETE	6"
CAST-IN-PLACE CONCRETE	6"



PLAN
N.T.S.



FRONT ELEVATION
N.T.S.

INLETS, SPECIAL, TYPE 1 & TYPE 2
N.T.S.

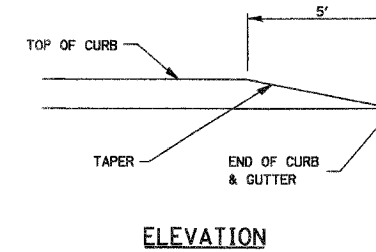
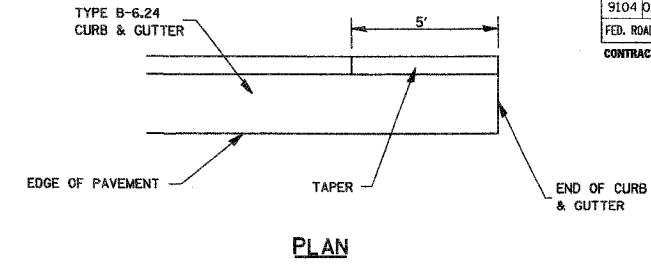
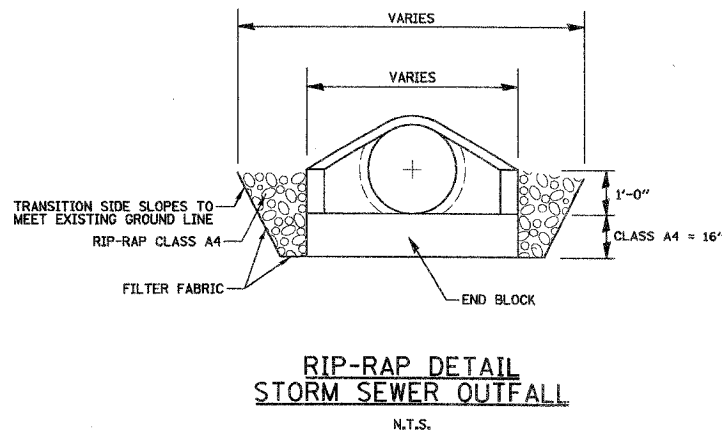
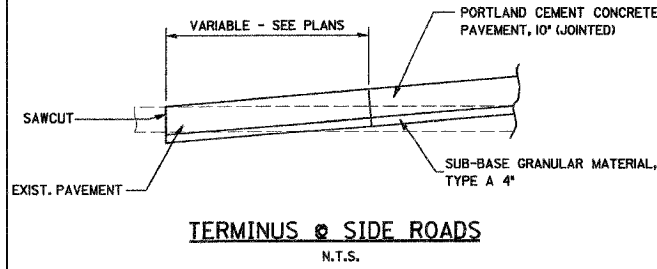
DATE	BY	NO.

DATE	BY	NO.

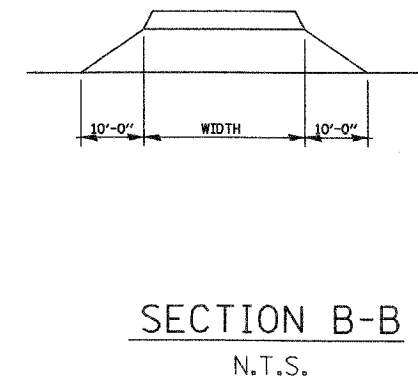
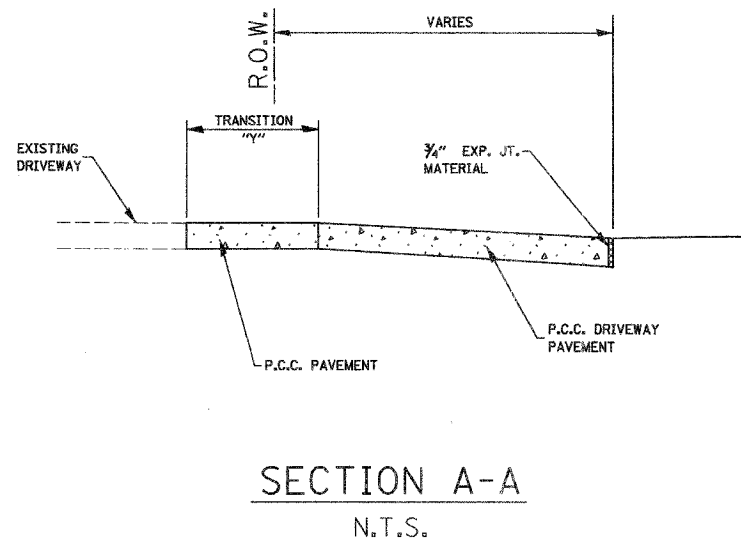
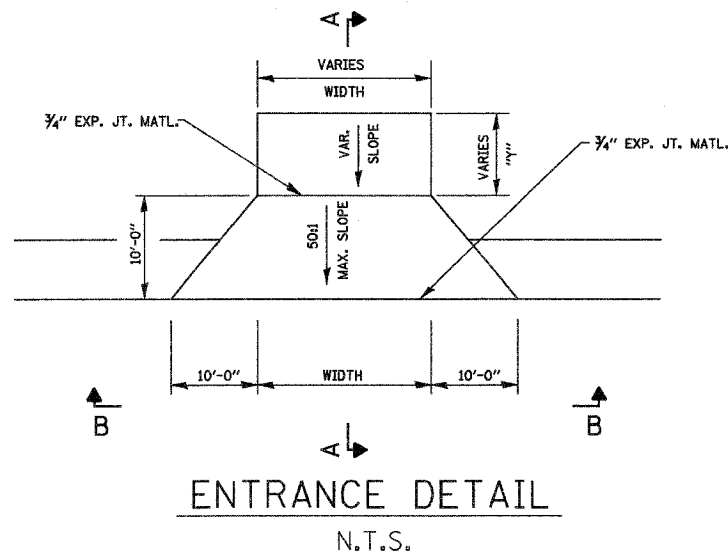
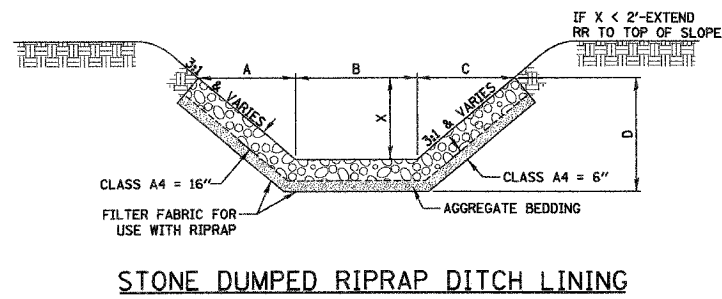
<p>Juneau Associates, Inc. P.C. CONSULTING ENGINEERS AND LAND SURVEYORS 2100 State Street, P.O. Box 1325 Juneau, Alaska 99801 Phone: (907) 462-1422-5335 Fax: (907) 462-1422-5341</p>		<p>MISCELLANEOUS DETAILS</p> <p>BISELL STREET MADISON, ILLINOIS SECTION No. 05-00001-00-WR</p>	
<p>SCALE: NOT TO SCALE</p>		<p>DSN. BY: BFK DATE: 1/19/07 SHEET</p> <p>DWN. BY: RKR DATE: 1/19/07 78</p> <p>CHK'D: BFK DATE: 1/19/07</p>	
<p>DWG. NO.</p>		<p>JOB NO. E061300 DGN. NAME: MISC.DTL.S OF 102 SHTS</p>	

F.A.J. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9104	05-00001-00-WR	MADISON	102	79
FED. ROAD DIST. NO. -		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 97914				

NOTE: SAWCUT SHALL BE CONSIDERED INCLUDED IN THE COST OF CONSTRUCTION



CURB AND GUTTER TERMINI
N.T.S.



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

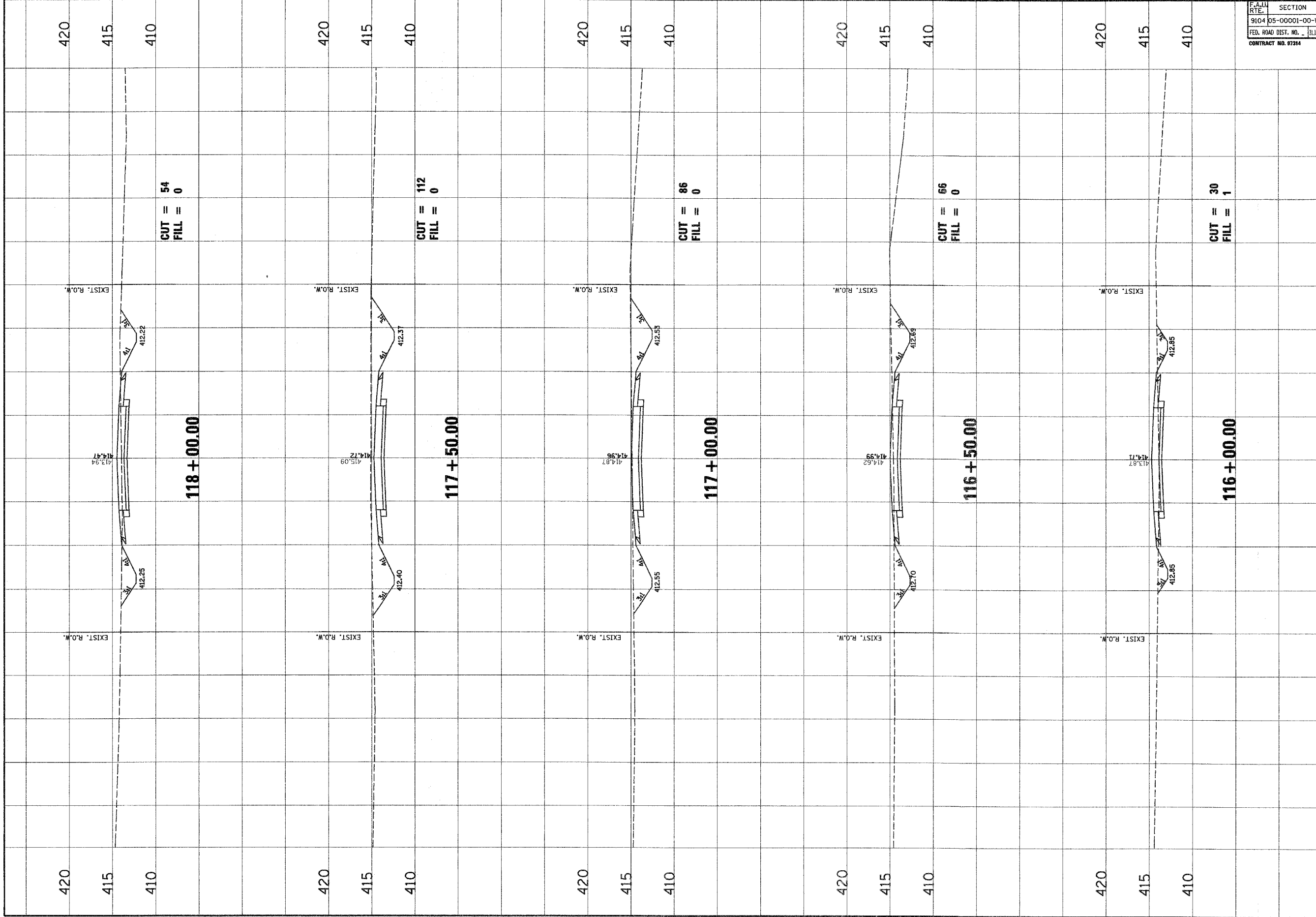
DATE
BY
NO.
ORIGINAL SURVEYED
SURVEY PLOTTED
NOTE BOOK TEMPLATE
AREAS CHECKED

Juneau Associates, Inc. P.C.
CONSULTING ENGINEERS AND LAND SURVEYORS
2105 State Street, P.O. Box 1325
Chicago, Ill. 60606
Phone: (815) 677-9600 / (815) 452-5525
Fax: (815) 622-2541

MISCELLANEOUS DETAILS
BISSELL STREET
MADISON, ILLINOIS
SECTION No. 05-00001-00-WR

REVISIONS			SCALE: NOT TO SCALE		
NO.	DATE	BY	REMARKS	DSN. BY:	DATE
				BFK	1/19/07
				DWN. BY:	DATE
				RKR	1/19/07
				CHK'D:	DATE
				BFK	1/19/07
DWG. NO.			JOB NO. E061300 DGN. NAME: MISC.DTLS OF 102 SHTS		

P.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9104	05-00001-00-WR	MADISON	80	102
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
CONTRACT NO. 97314				



NO.	DATE	BY	REMARKS

JunEAU Associates, Inc. P.C.
 CONSULTING ENGINEERS AND ARCHITECTS
 410 S. JACKSON ST., SUITE 200
 MADISON, ILLINOIS 62401
 PHONE: (618) 242-5441
 FAX: (618) 242-5441

CLIENT/PROJECT : **BISSELL STREET**
SECTION NO. 05-00001-00-WR
MADISON, ILLINOIS

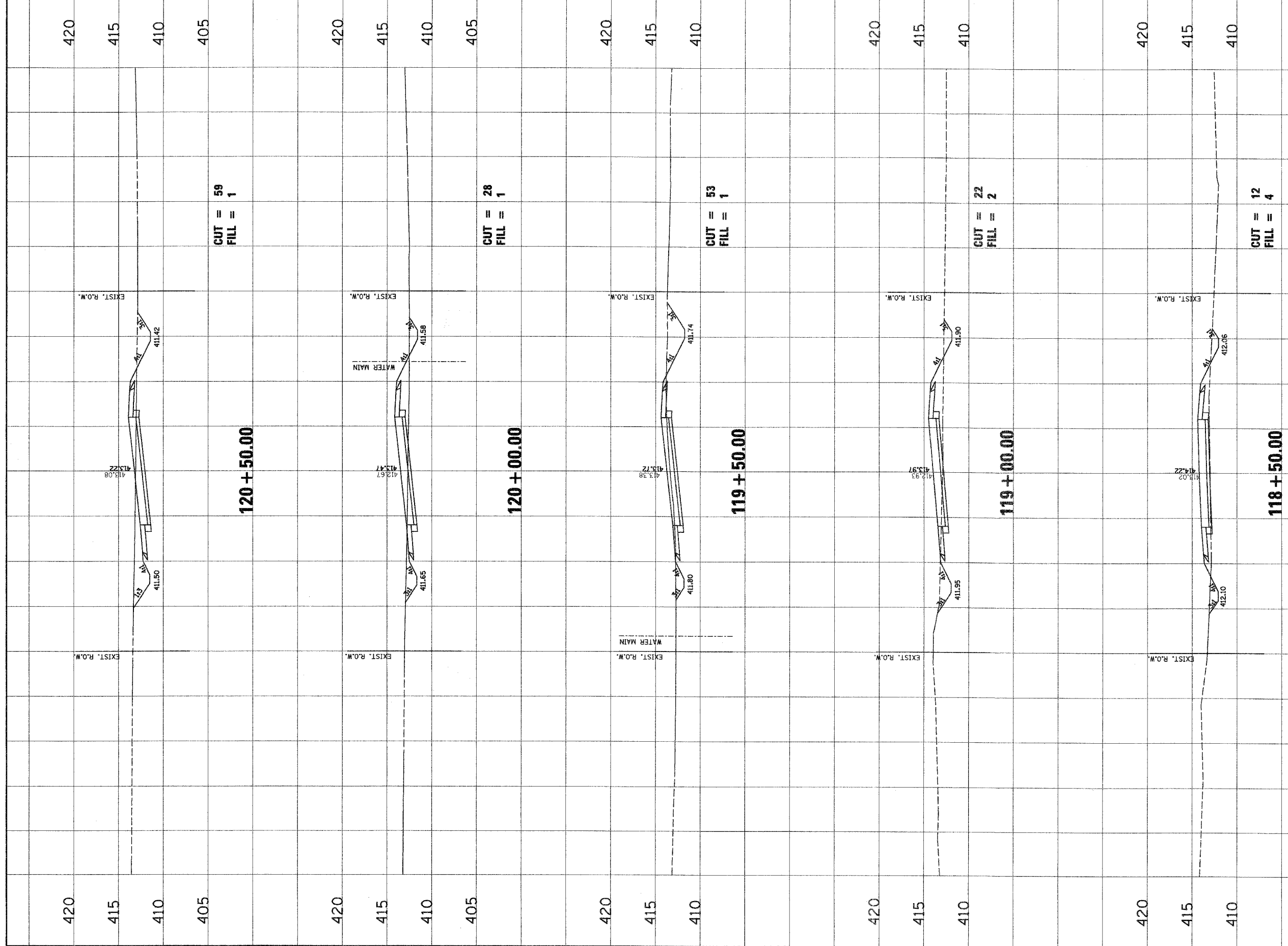
BISSELL STREET
CROSS SECTIONS

DESIGNED BY: SAS
 DRAWN BY: SAS
 CHECKED BY: BFX
 JOB NO.: E-06300
 DATE: 01/15/07
 SCALE: HORIZ. 1" = 40 feet
 VERT. 1" = 5 feet

SHEET No. **80**

OF **02** SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9104	05-00001-00-WR	MADISON	81	102
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
CONTRACT NO. 97314				



NO.	DATE	BY	REVISIONS	REMARKS

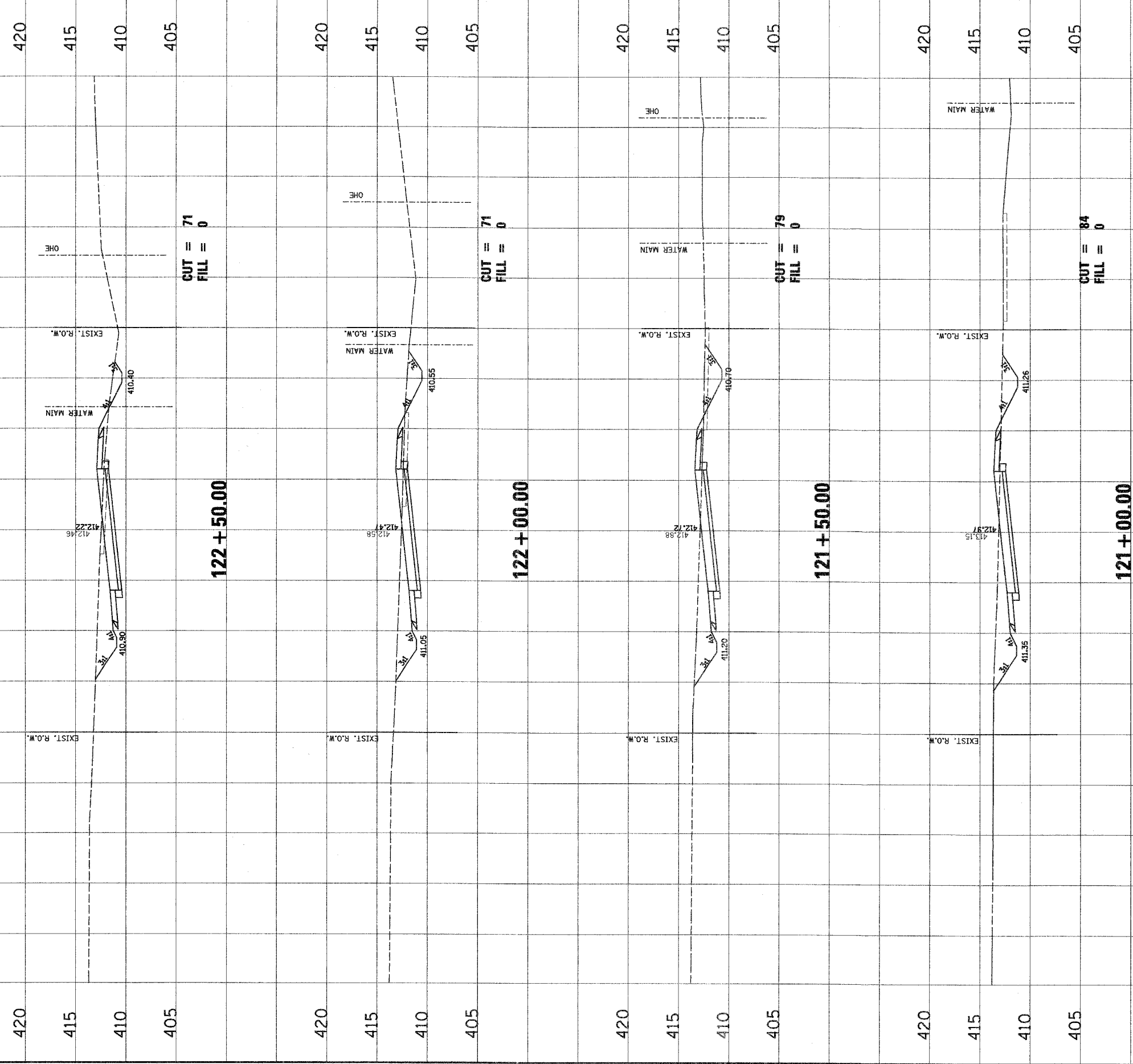
Jureaux Associates, Inc. P.C.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 1111 N. WASHINGTON ST., SUITE 200
 CHICAGO, ILLINOIS 60610
 PHONE: (312) 329-1111 FAX: (312) 329-1112
 WWW: WWW.JUREAUX.COM

CLIENT/PROJECT : **BISSELL STREET**
SECTION NO. 05-00001-00-WR
MADISON, ILLINOIS


BISSELL STREET
CROSS SECTIONS

DSN. BY: SAS
 DWN. BY: SAS
 CHK. BY: BFK
 JOB NO. E-08300
 DATE: 01/15/07
 SCALE: HORZ. 1" = 10' FEET
 VERT. 1" = 5' FEET
 SHEET NO. **81**
 OF **82** SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9104	05-00001-00-WR	MADISON	82	102
FED. ROAD DIST. NO. - ILLINOIS		FED. AID PROJECT		
CONTRACT NO. 97314				



NO.	DATE	BY	REVISIONS	REMARKS


Junzhuo Associates, Inc. P.C.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 1000 N. WASHINGTON ST., SUITE 200
 CHICAGO, ILLINOIS 60610
 PHONE: (312) 462-1234 FAX: (312) 462-1234

CLIENT/PROJECT : **BISSELL STREET**
SECTION NO. 05-00001-00-WR
MADISON, ILLINOIS

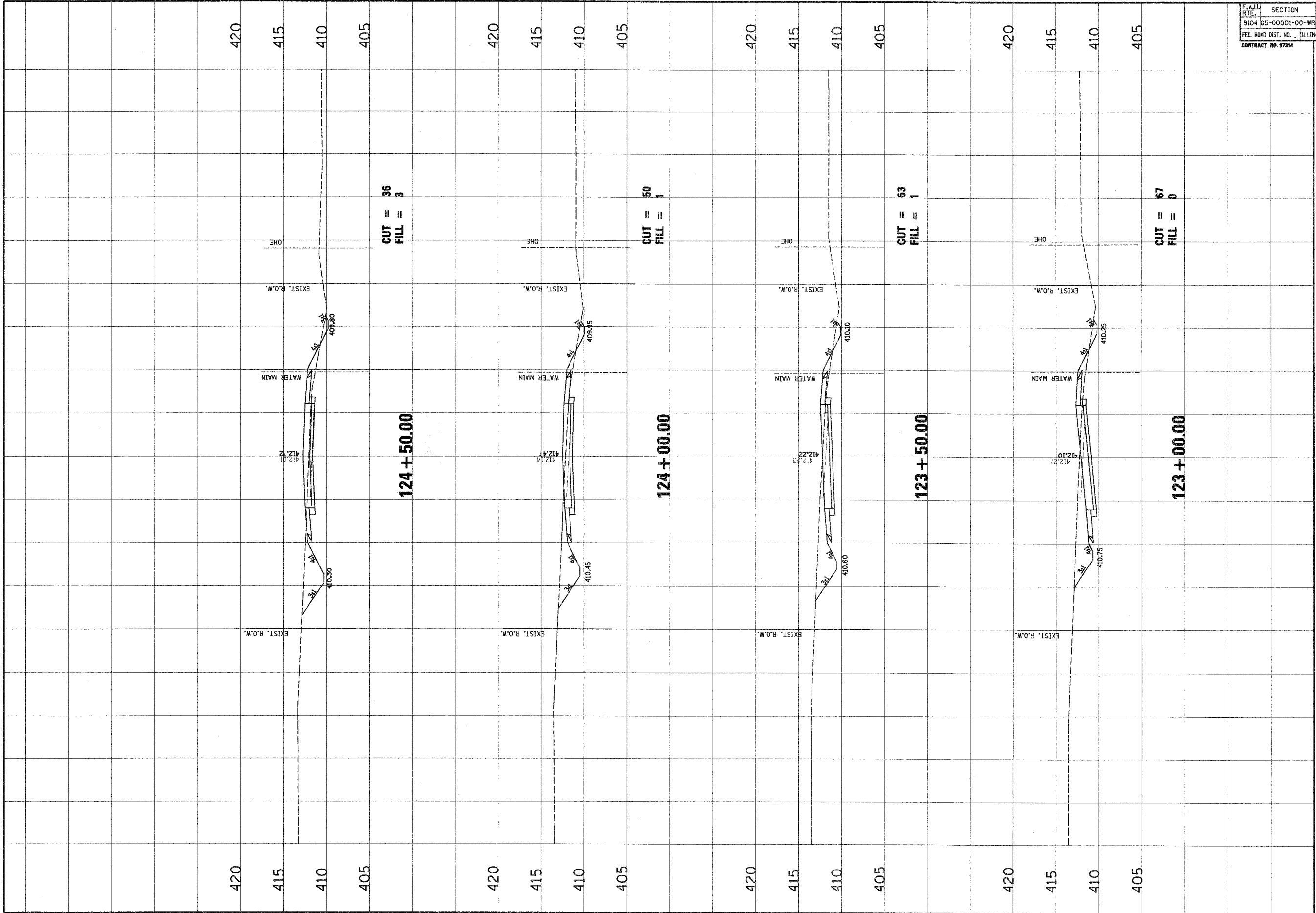
BISSELL STREET

CROSS SECTIONS


DESIGNED BY: SAS
 DRAWN BY: SAS
 CHECKED BY: BFK
 JOB NO. E-061300
 DATE: 01/16/07
 SCALE: HORIZ. 1"=10' VERT. 1"=5'
 SHEET No. **82**

OF 82 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9104	05-00001-00-WR	MADISON	83	102
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 97314				



NO.	DATE	BY	REVISIONS	REMARKS


Juneau Associates, Inc. P.C.
 1000 North Broadway, Suite 1000
 Northbrook, Illinois 60062
 Phone: (847) 486-1000
 Fax: (847) 486-1001
 E-mail: info@juneau.com

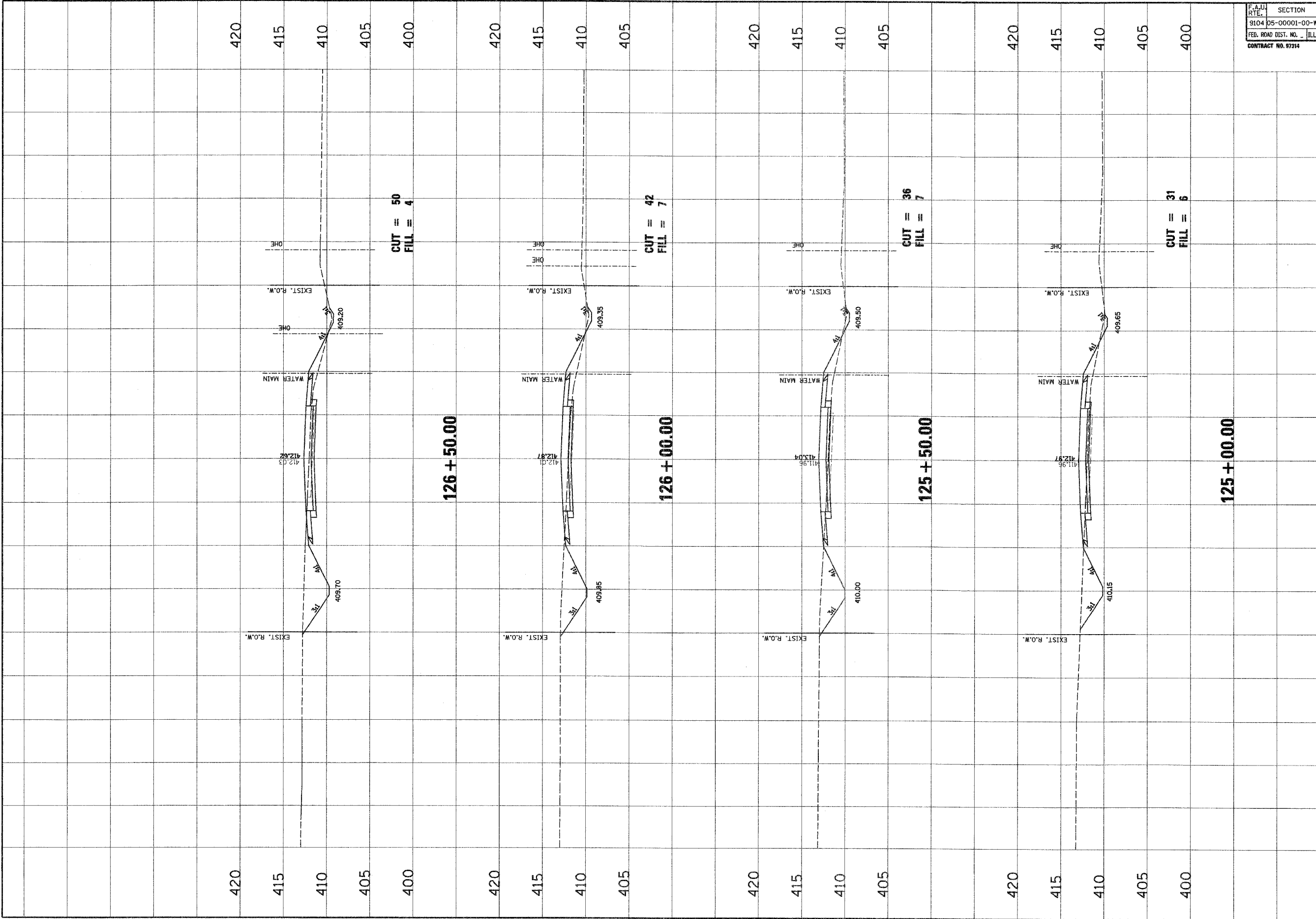
CLIENT/PROJECT : **BISSELL STREET**
 SECTION NO. 05-00001-00-WR
 MADISON, ILLINOIS

BISSELL STREET
CROSS SECTIONS

DSN. BY: SAS
DRAWN BY: SAS
CHK. BY: BFK
JOB NO. E-06300
DATE: 01/15/07
SCALE: HORZ. 1" = 10 feet VERT. 1" = 5 feet
SHEET No. 83
OF 102 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9104	05-00001-00-WR	MADISON	84	102
FED. ROAD DIST. NO. 11100		ILLINOIS FED. AID PROJECT		

CONTRACT NO. 97314



NO.	DATE	BY	REVISIONS

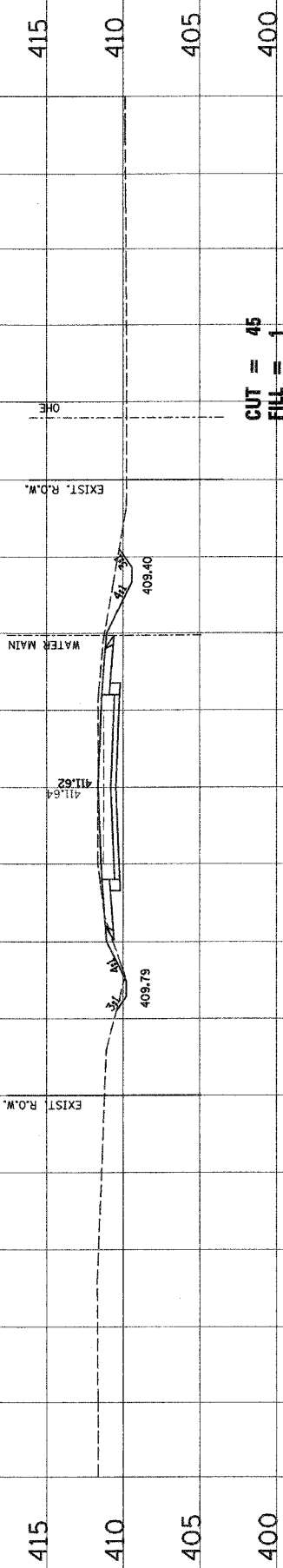
Jaynes Associates, Inc. P.C.
 CONSULTING ENGINEERS AND ARCHITECTS
 200 West Street, P.O. Box 138
 Madison, Illinois 62450
 Phone: (618) 441-1100
 Fax: (618) 441-1100

CLIENT/PROJECT : **BISSELL STREET**
SECTION NO. 05-00001-00-WR
MADISON, ILLINOIS

BISSELL STREET
CROSS SECTIONS

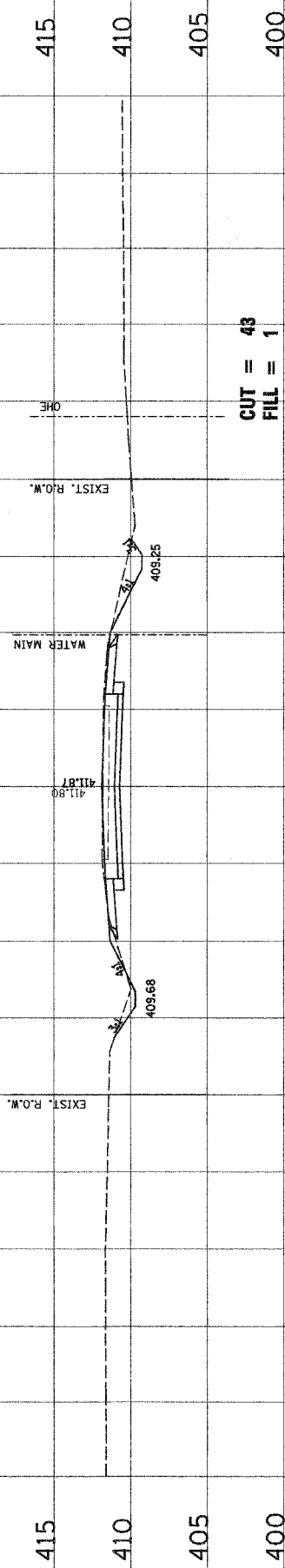
DSM. BY: SAS
 DWN. BY: SAS
 CHK. BY: BK
 JOB NO. E-06300
 DATE: 01/15/07
 SCALE: HORIZ. 1" = 10' feet
 VERT. 1" = 5' feet
 SHEET No. **84**
 OF **102** SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9104	05-00001-00-WR	MADISON	85	102
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
CONTRACT NO. 97214				



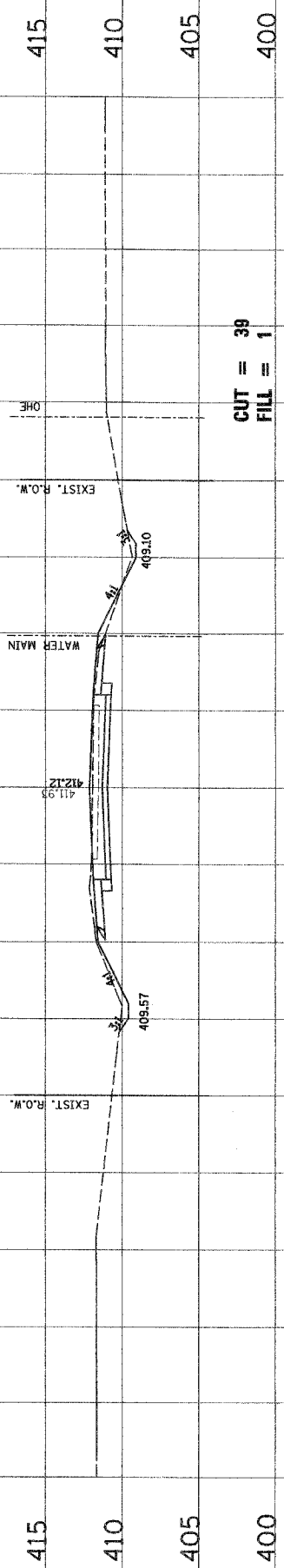
128 + 50.00

CUT = 45
FILL = 1



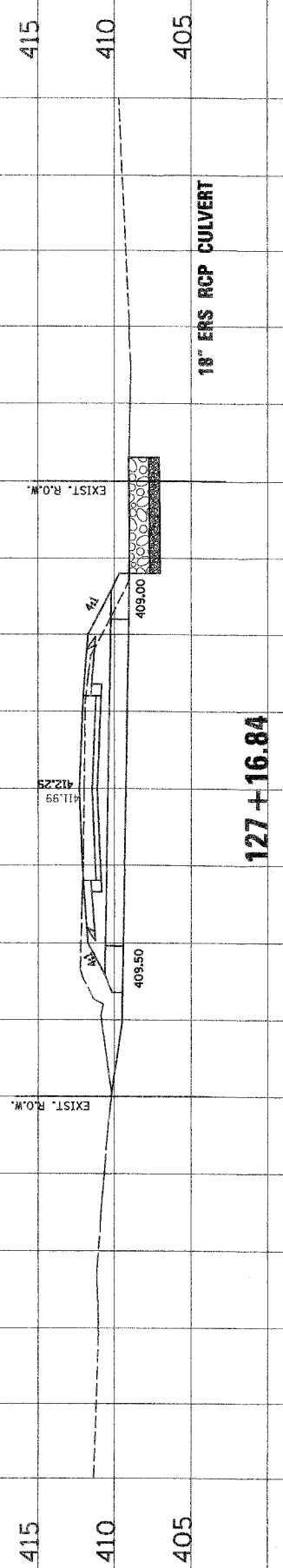
128 + 00.00

CUT = 43
FILL = 1



127 + 50.00

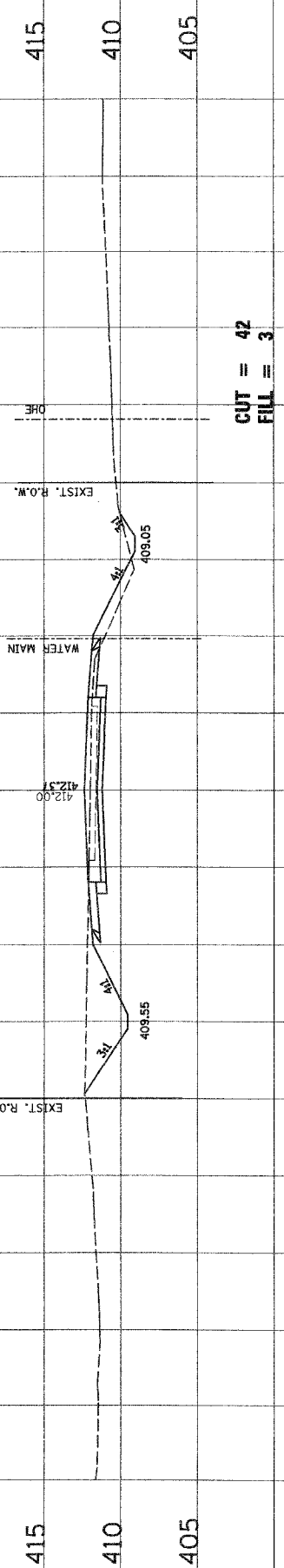
CUT = 39
FILL = 1



127 + 16.84


18" RCP CULVERT

CUT = 42
FILL = 3



127 + 00.00

NO.	DATE	BY	REVISIONS	REMARKS


Jureaux Associates Inc. P.C.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 100 South Water Street, Suite 1000
 Peoria, Illinois 61602-1000
 Phone: (317) 434-1100
 Fax: (317) 434-1101

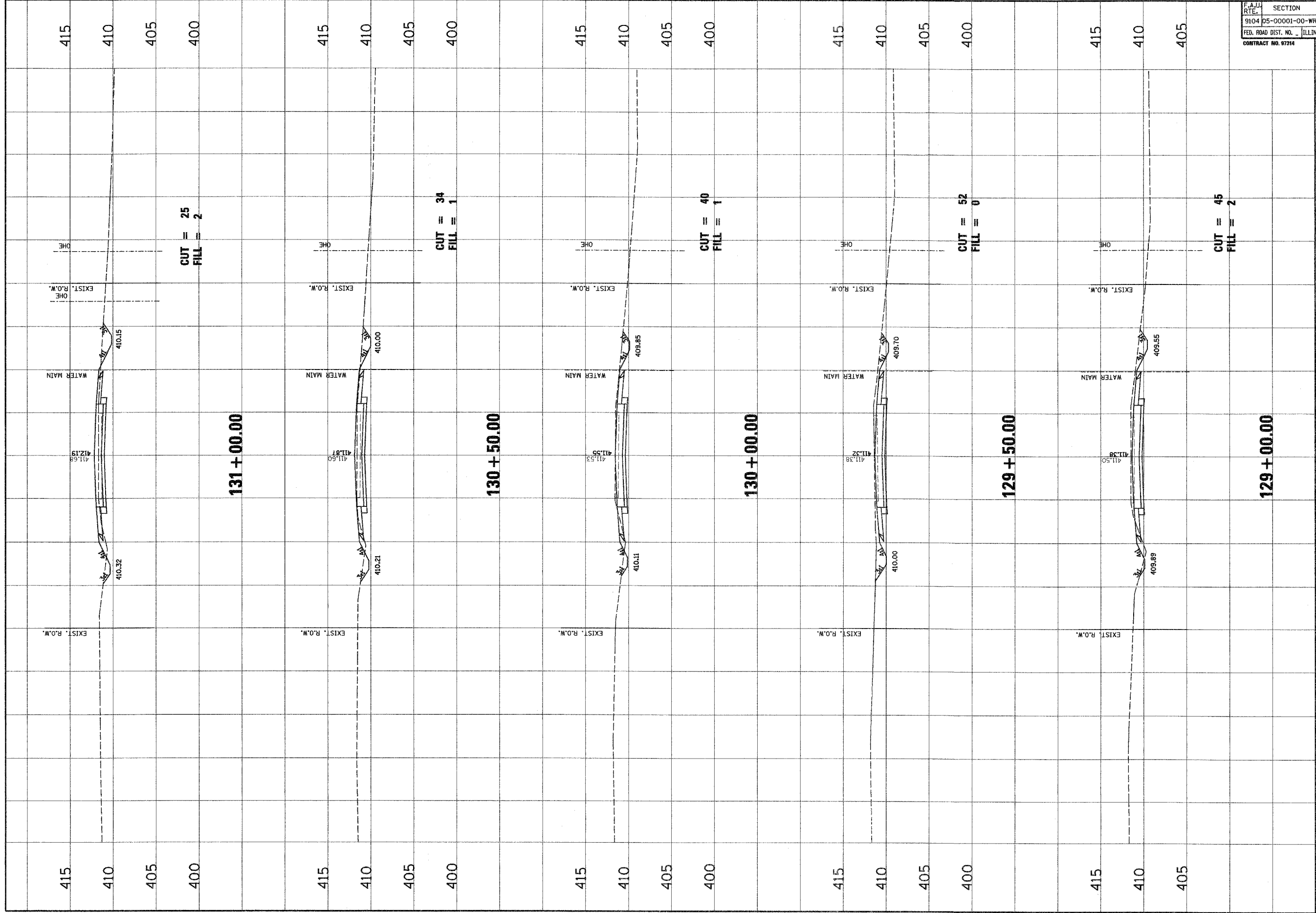
**BISSELL STREET
CROSS SECTIONS**

CLIENT/PROJECT :
BISSELL STREET
SECTION NO. 05-00001-00-WR
MADISON, ILLINOIS


DSN. BY: SAS
 DWG. BY: SAS
 CHK. BY: BFK
 JOB NO. E-06300
 DATE: 01/15/07
 SCALE: HORZ. 1 inch = 10 Feet
 VERT. 1 inch = 5 Feet
 SHEET No.

85

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9104	05-00001-00-WR	MADISON	86	102
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		
CONTRACT NO. 97314				



NO.	DATE	BY	REVISIONS	REMARKS

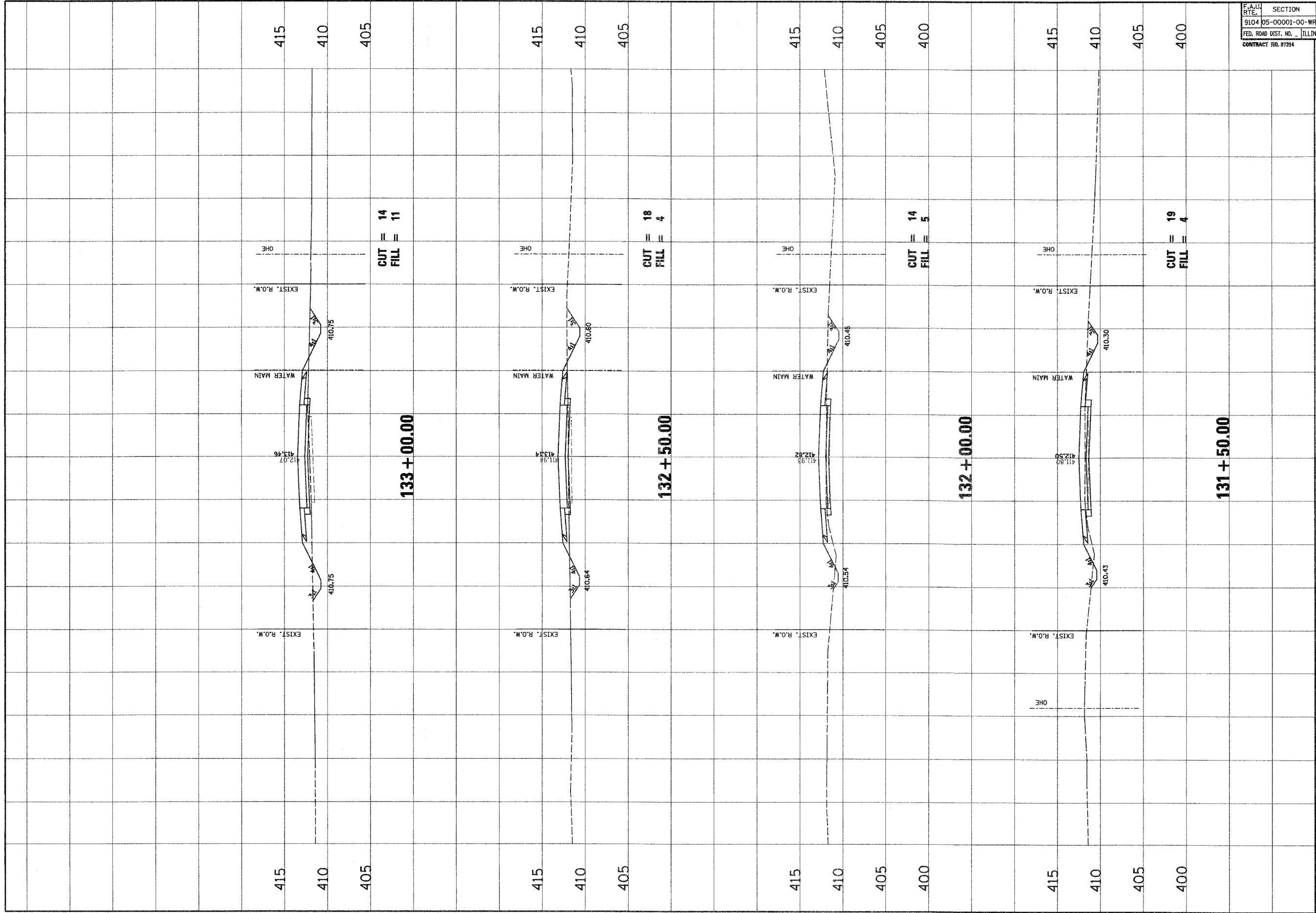

Juneau Associates, Inc. P.C.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 1110 N. WASHINGTON ST., SUITE 200
 DECATUR, ILLINOIS 62521
 PHONE: (618) 281-1100
 FAX: (618) 281-1101

CLIENT/PROJECT : **BISSELL STREET**
SECTION NO. 05-00001-00-WR
MADISON, ILLINOIS

BISSELL STREET
CROSS SECTIONS


DES. BY: SAS
DWN. BY: SAS
CHK. BY: BFK
JOB NO. E-061300
DATE: 01/15/07
SCALE: HORIZ. 1 inch = 10 feet VERT. 1 inch = 5 feet
SHEET No. 86
OF 82 SHEETS

F.A.U. No.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9104	05-00001-00-WR	MADISON	87	102
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		
CONTRACT NO. 07914				



BISSELL STREET CROSS SECTIONS

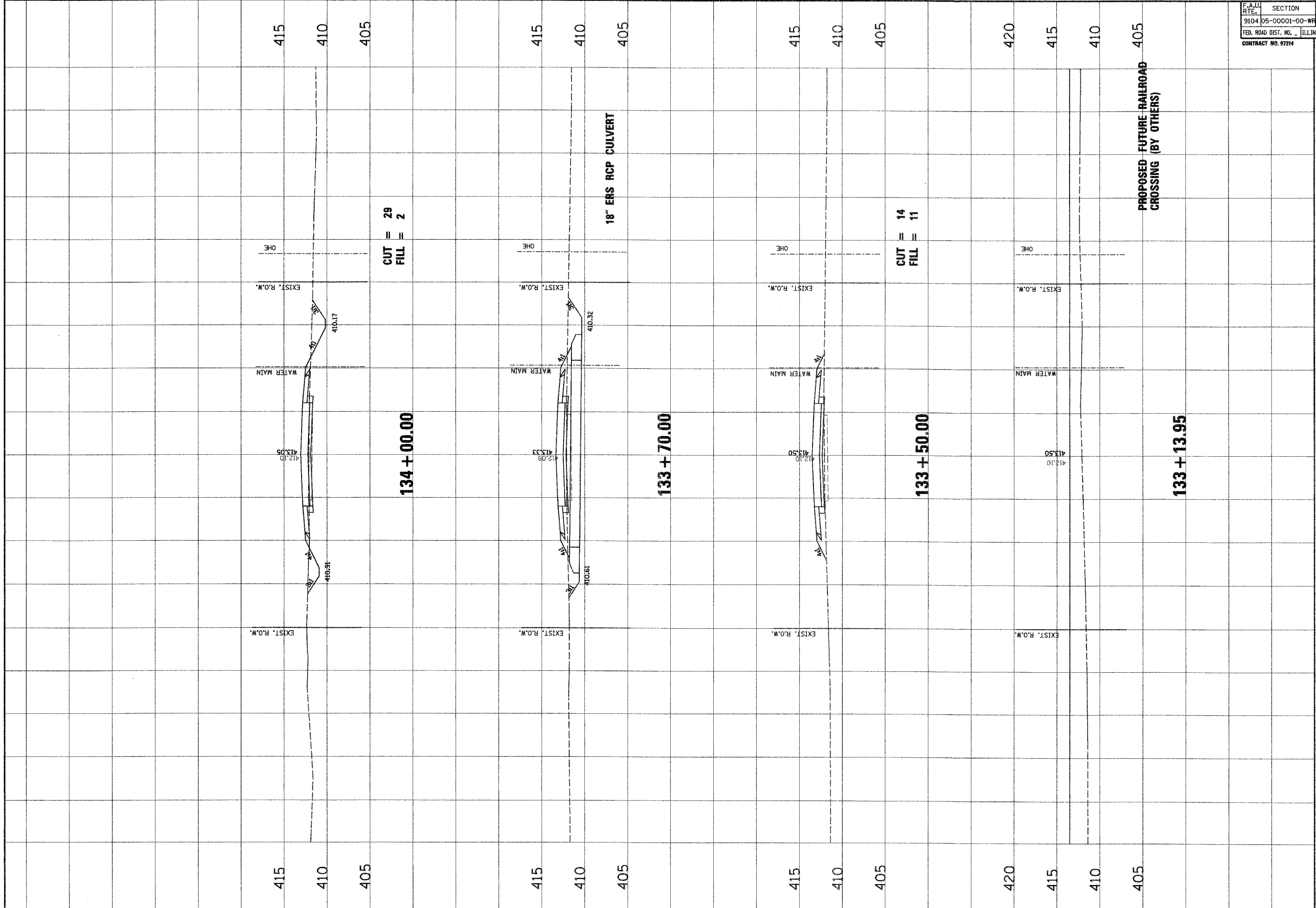
CLIENT/PROJECT : **BISSELL STREET SECTION NO. 05-00001-00-WR MADISON, ILLINOIS**


Juneeux Associates, Inc. P.C.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 1000 N. WASHINGTON ST., SUITE 200
 DECATUR, ILLINOIS 62521
 PHONE: 618-281-1111
 FAX: 618-281-1112


NO.	DATE	BY	REMARKS

DESIGNED BY: SAS
 DRAWN BY: SAS
 CHECKED BY: BFK
 JOB NO. E-061300
 DATE: 01/15/07
 SCALE: HORIZ. 1 inch = 10 feet
 VERT. 1 inch = 5 feet
 SHEET No. **87**
 OF 102 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9104	05-00001-00-WR	MADISON	88	102
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 97314				



NO.	DATE	BY	REMARKS

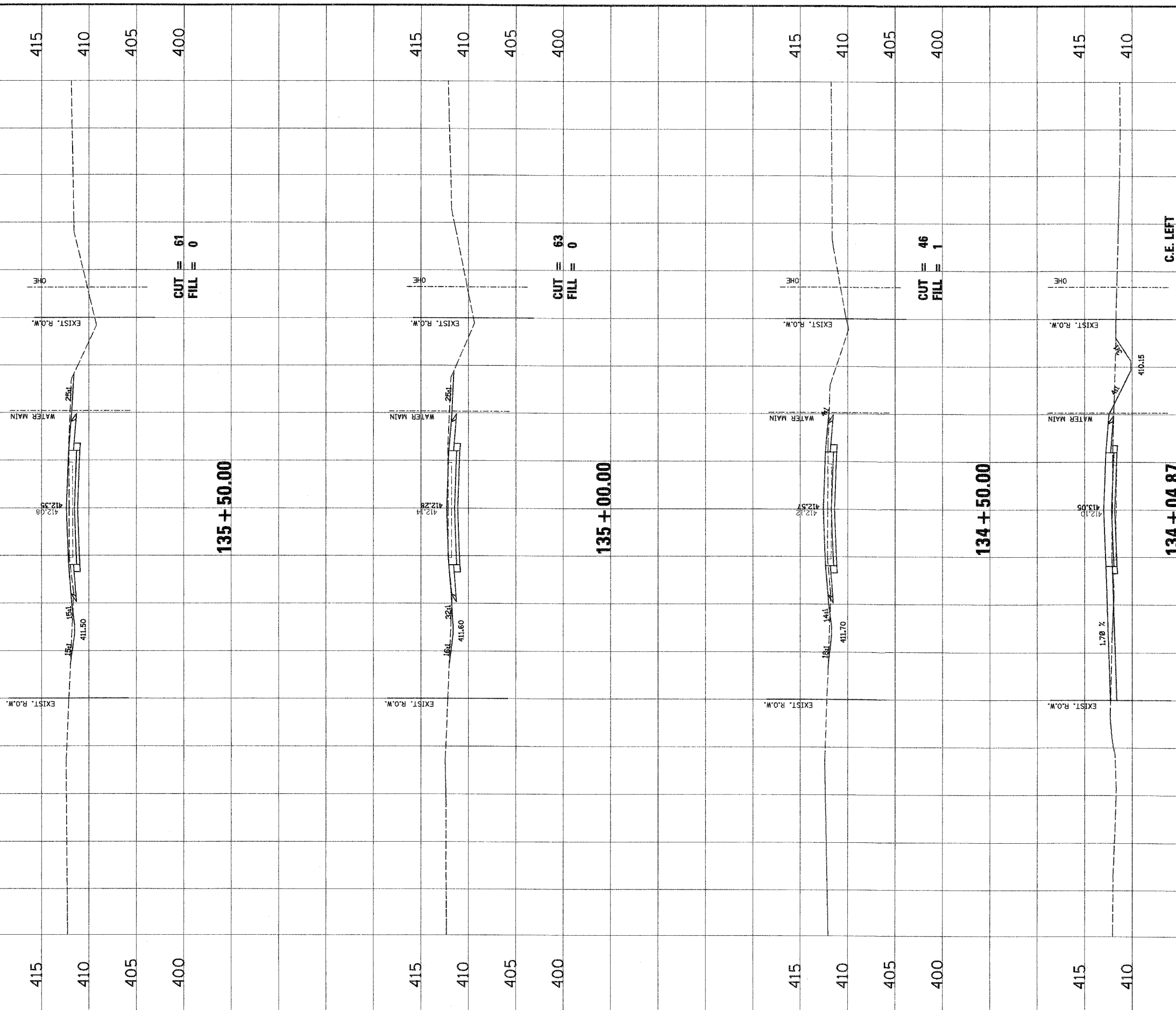

Junear Associates, Inc. P.C.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 1000 N. WASHINGTON ST., SUITE 100
 CHICAGO, ILLINOIS 60610
 TEL: (312) 467-1000 FAX: (312) 467-1001
 PERMIT NO. 001-1001-001

CLIENT/PROJECT : **BISSELL STREET**
SECTION NO. 05-00001-00-WR
MADISON, ILLINOIS


**BISSELL STREET
 CROSS SECTIONS**

DESIGNED BY: SAS
 DRAWN BY: SAS
 CHECKED BY: BFK
 JOB NO. E-08300
 DATE: 01/15/07
 SCALE: HORIZ. 1 inch = 10 feet
 VERT. 1 inch = 5 feet
 SHEET No. **88**
 OF 102 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9104	05-00001-00-WR	MADISON	89	102
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
CONTRACT NO. 97314				



NO.	DATE	BY	REVISIONS	REMARKS


Junco Associates, Inc. P.C.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 200 West Street, P.O. Box 239
 Madison, Illinois 62228
 Phone: (618) 262-0000 / (618) 262-0000
 Fax: (618) 262-0001

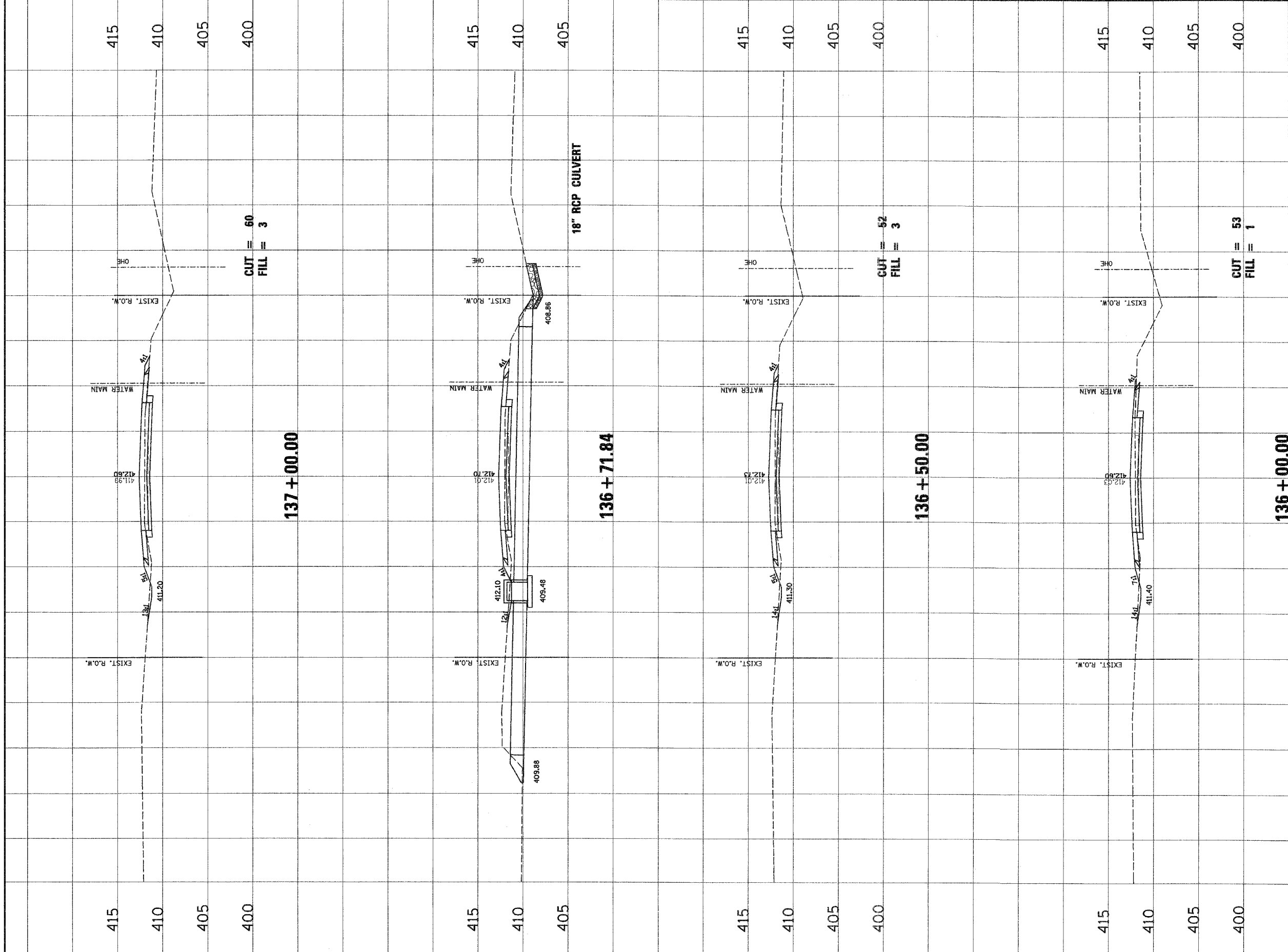
CLIENT/PROJECT : **BISSELL STREET**
SECTION NO. 05-00001-00-WR
MADISON, ILLINOIS

BISSELL STREET
CROSS SECTIONS

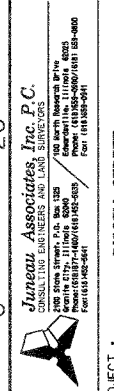
DSN. BY: SAS
 DWG. BY: SAS
 CHK. BY: BFX
 JOB NO. E-06300
 DATE: 01/15/07
 SCALE: HORIZ. 1 inch = 10 feet
 VERT. 1 inch = 5 feet

SHEET No.
89
 OF 102 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9104 95-00001-00-WR	9104 95-00001-00-WR	MADISON	90	102
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 97314				



NO.	DATE	BY	REVISIONS	REMARKS



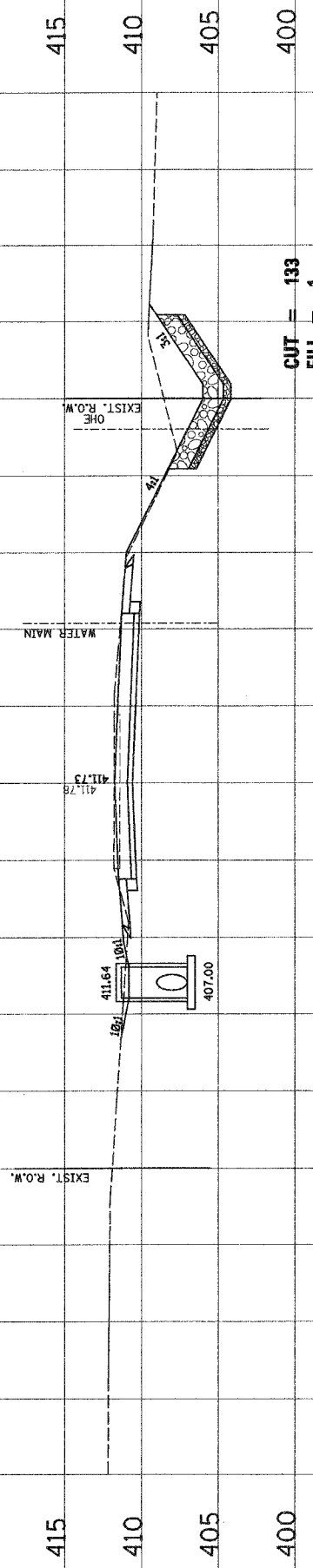
CLIENT/PROJECT :
BISSELL STREET
 SECTION NO. 05-00001-00-WR
 MADISON, ILLINOIS

BISSELL STREET
CROSS SECTIONS

DSN. BY: SAS
 DWN. BY: SAS
 CHK. BY: BFK
 JOB NO. E-06300
 DATE: 01/15/07
 SCALE: HORZ. 1 inch = 10 feet
 VERT. 1 inch = 5 feet

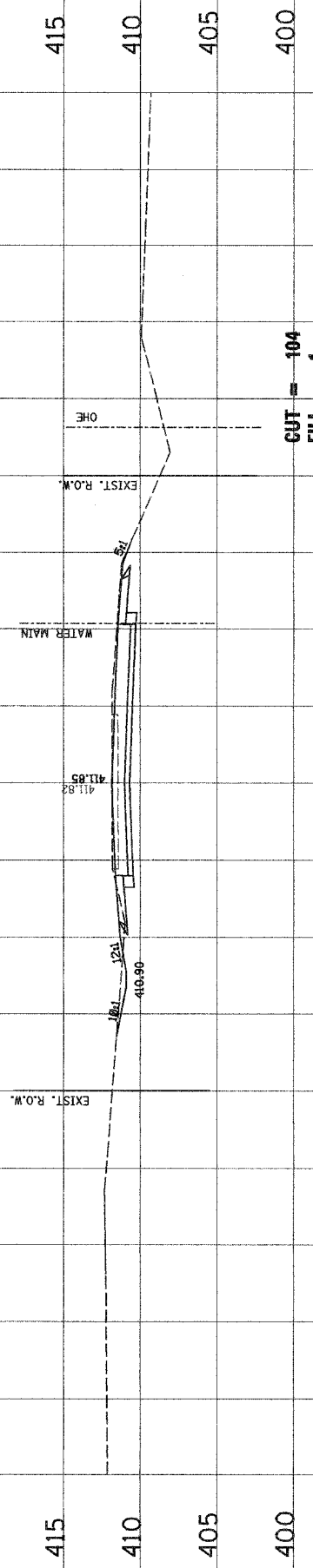
SHEET No.
90
 OF 102 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9104	05-00001-00-WR	MADISON	91	102
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		
CONTRACT NO. 97314				



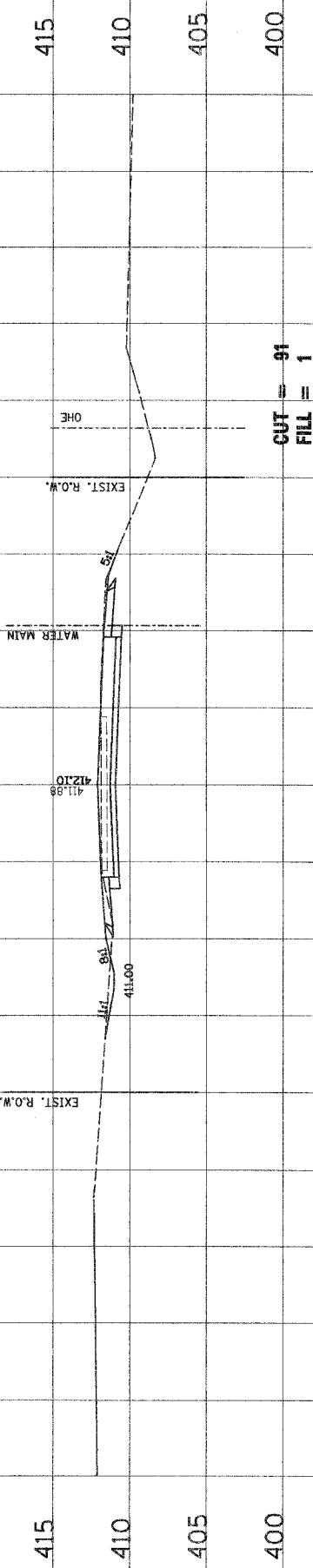
139 + 00.00

CUT = 133
FILL = 1



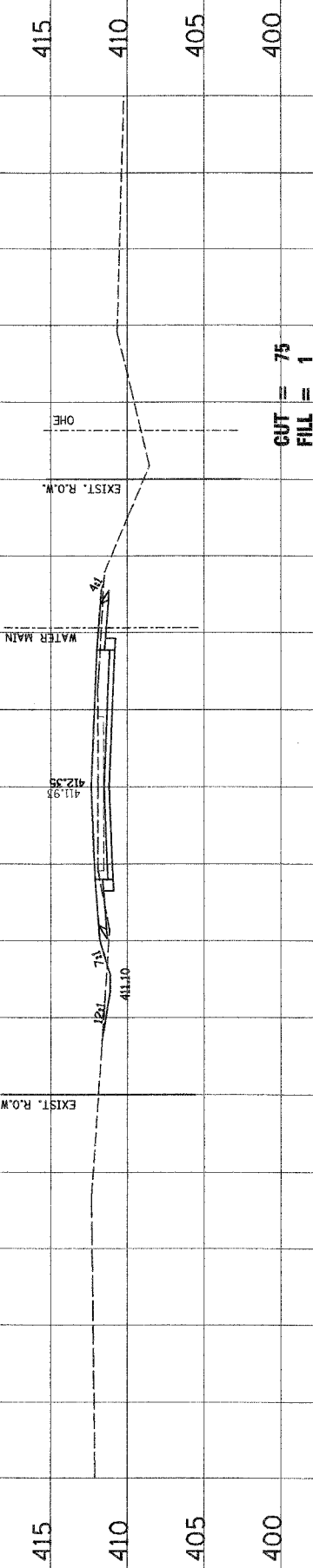
138 + 50.00

CUT = 104
FILL = 1



138 + 00.00

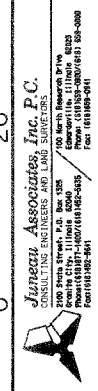
CUT = 91
FILL = 1



137 + 50.00

CUT = 75
FILL = 1

NO.	DATE	BY	REVISIONS	REMARKS

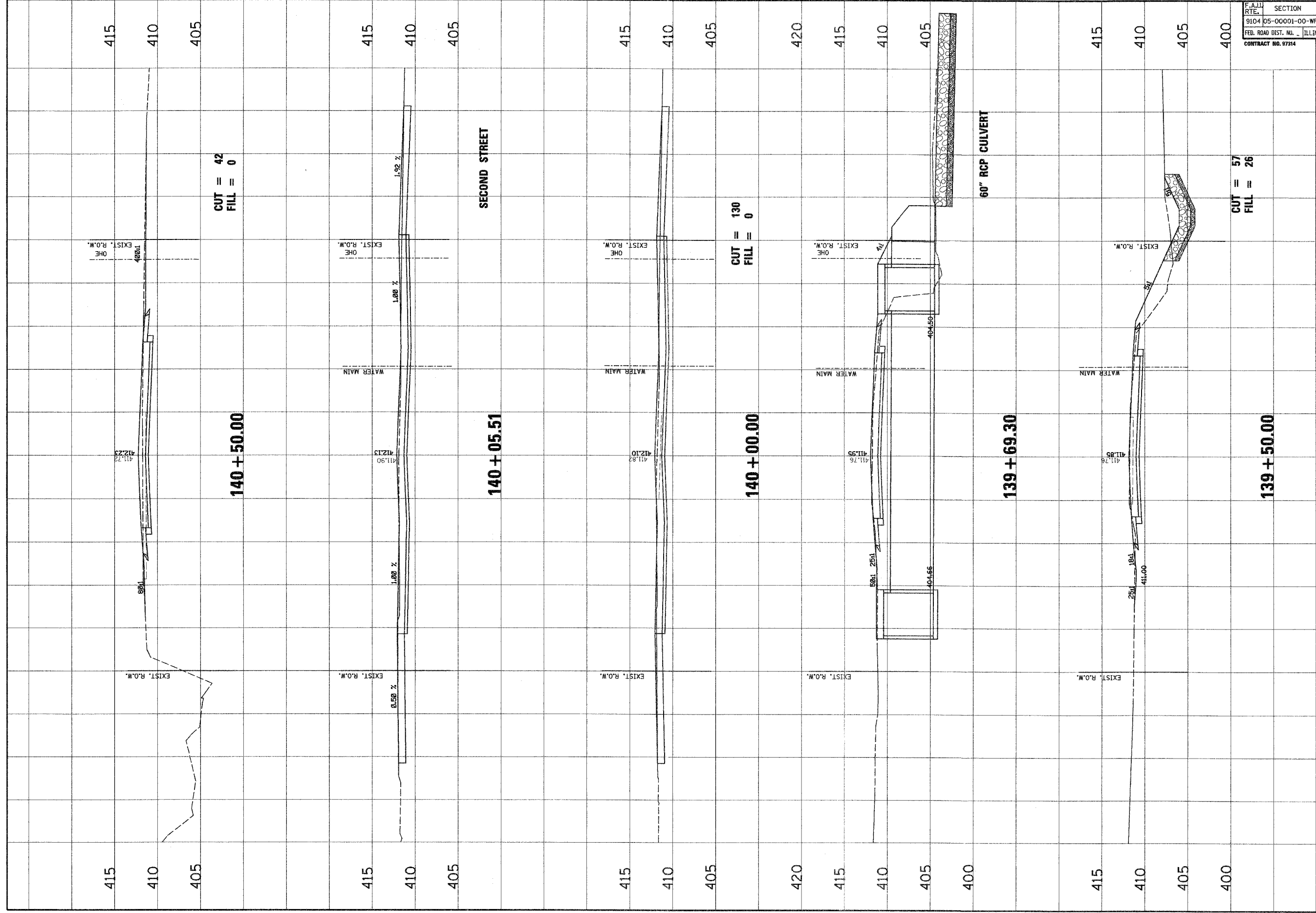


CLIENT/PROJECT :
**BISSELL STREET
SECTION NO. 05-00001-00-WR
MADISON, ILLINOIS**


**BISSELL STREET
CROSS SECTIONS**

DSN. BY: SAS
DWN. BY: SAS
CHK. BY: SP
JOB NO. E-06300
DATE: 01/25/07
SCALE: HORIZ. 1"=40 Feet
VERT. 1"=5 Feet
SHEET No. **91**

F.A.D. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9104	05-00001-00-WR	MADISON	92	102
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		
CONTRACT NO. 97314				



NO.	DATE	BY	REVISIONS	REMARKS


Jurecek Associates, Inc. P.C.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 100 North Main Street, Suite 200
 Madison, Illinois 62201
 Phone: (618) 261-1111
 Fax: (618) 261-1112

CLIENT/PROJECT : **BISSELL STREET**
SECTION NO. 05-00001-00-WR
MADISON, ILLINOIS

BISSELL STREET
CROSS SECTIONS

DESIGN BY:	SAS
DRAWN BY:	SAS
CHECK BY:	BFK
JOB NO.:	E-083300
DATE:	01/05/07
SCALE:	HORZ. 1" = 10 feet VERT. 1" = 5 feet
SHEET NO.:	92

OF 102 SHEETS

F.A.I.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9104	05-00001-00-WR	MADISON	93	102
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		
CONTRACT NO. 97314				

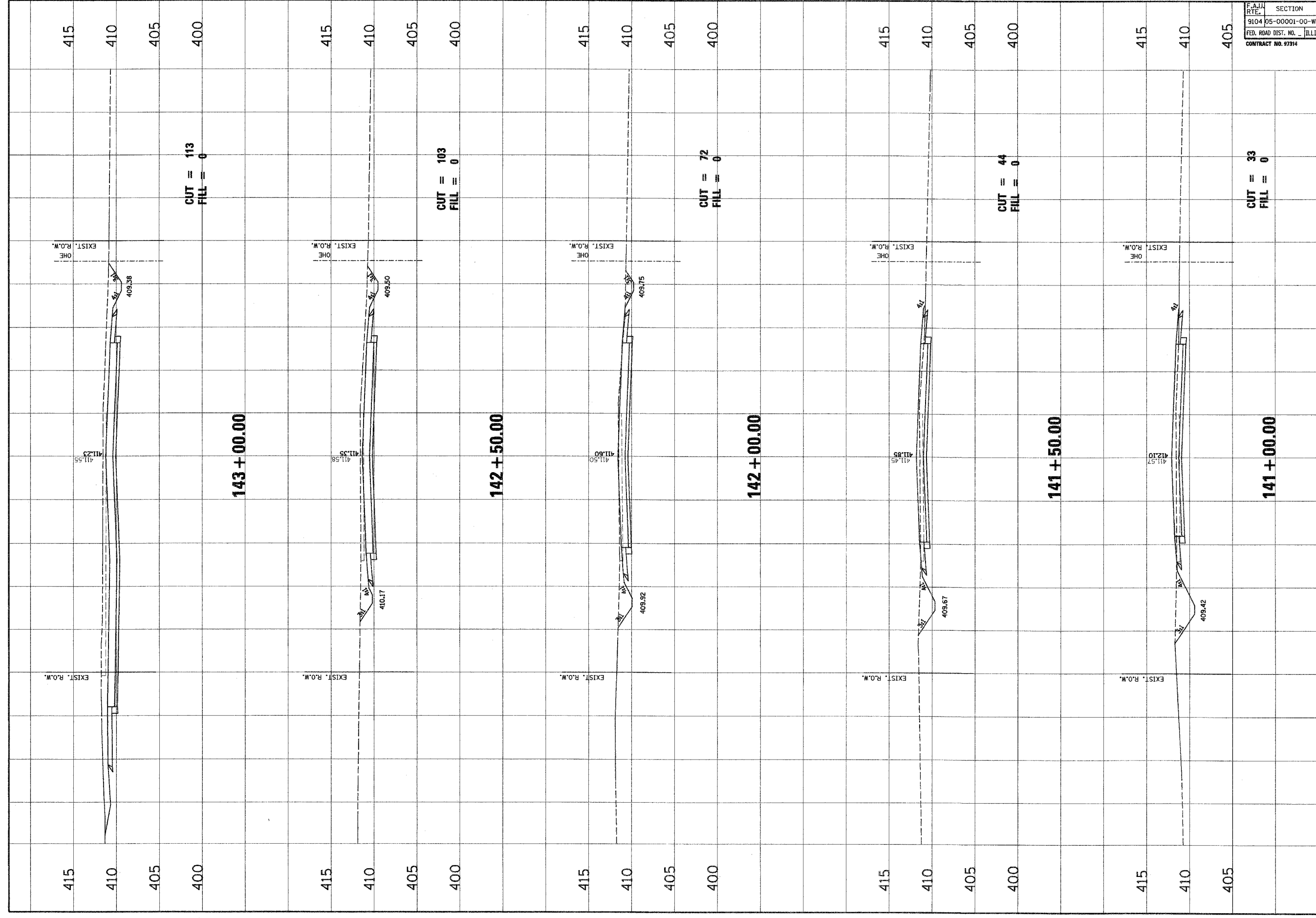
REVISIONS	
NO.	DATE

Jurcoz, Associates, Inc. P.C.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 2100 North 31st Street, Suite 200
 Peoria, Illinois 61611-1800
 Phone: (312) 682-2800 FAX: (312) 682-0000
 E-mail: jco@jurcoz.com
 Project: 05-00001-00-WR-93-102
 Date: 01/15/07

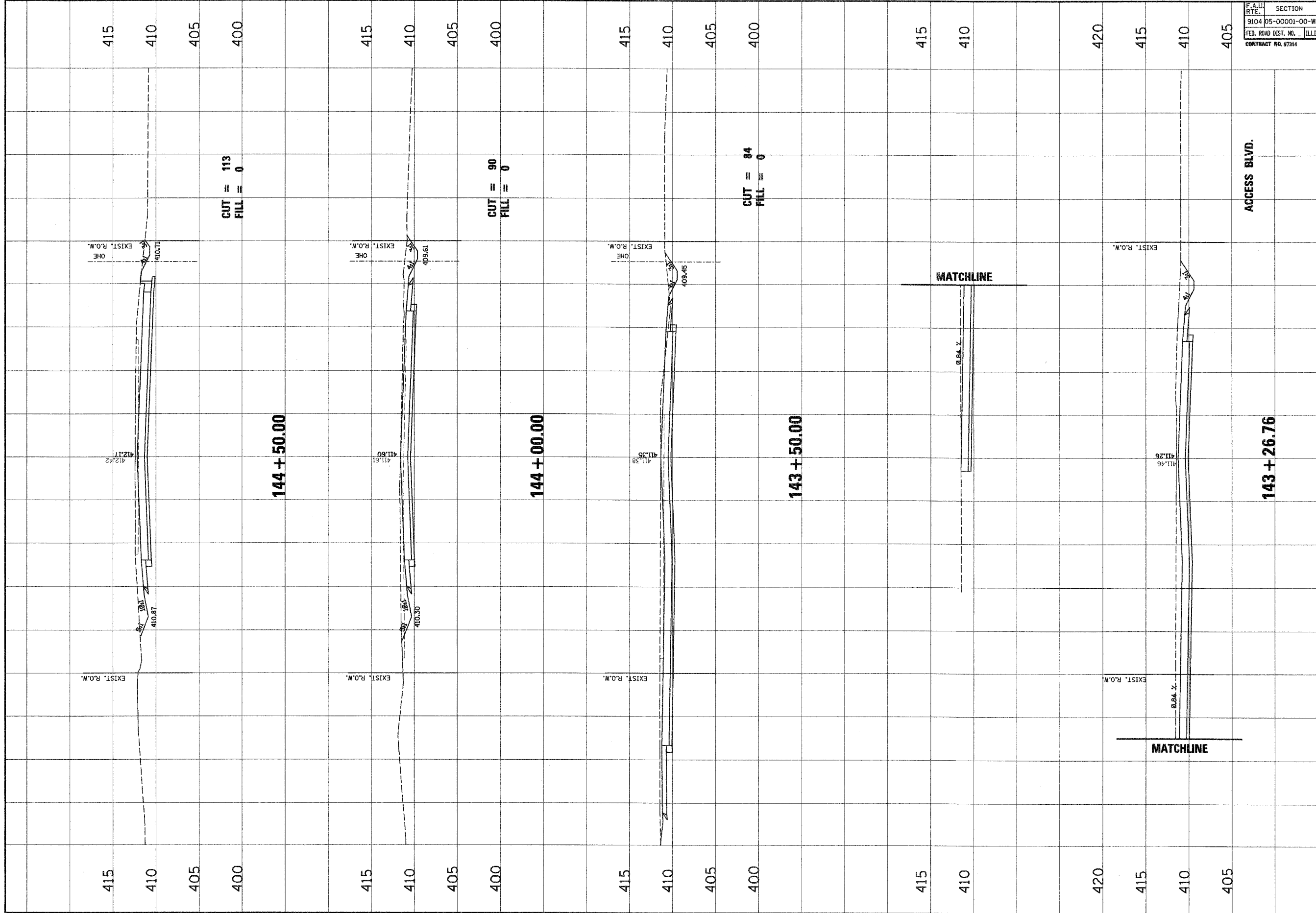
CLIENT/PROJECT: **BISSELL STREET**
SECTION NO. 05-00001-00-WR
MADISON, ILLINOIS

BISSELL STREET
CROSS SECTIONS


DSN. BY: SAS
 DWG. BY: SAS
 CHK. BY: BFK
 JOB NO. E-06300
 DATE: 01/15/07
 SCALE: HORIZ. 1" = 10 feet
 VERT. 1" = 5 feet
 SHEET No. **93**
 OF **102** SHEETS



F.A.I.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9104	05-00001-00-WR	MADISON	94	102
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		
CONTRACT NO. 87384				



NO.	DATE	BY	REMARKS


Juneau Associates, Inc. P.C.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 208 North Street, P.O. Box 1323
 Madison, Illinois 62201
 PROJECT NO. 05-00001-00-WR
 DRAWING NO. 87384-001-001
 DATE: 01/15/07

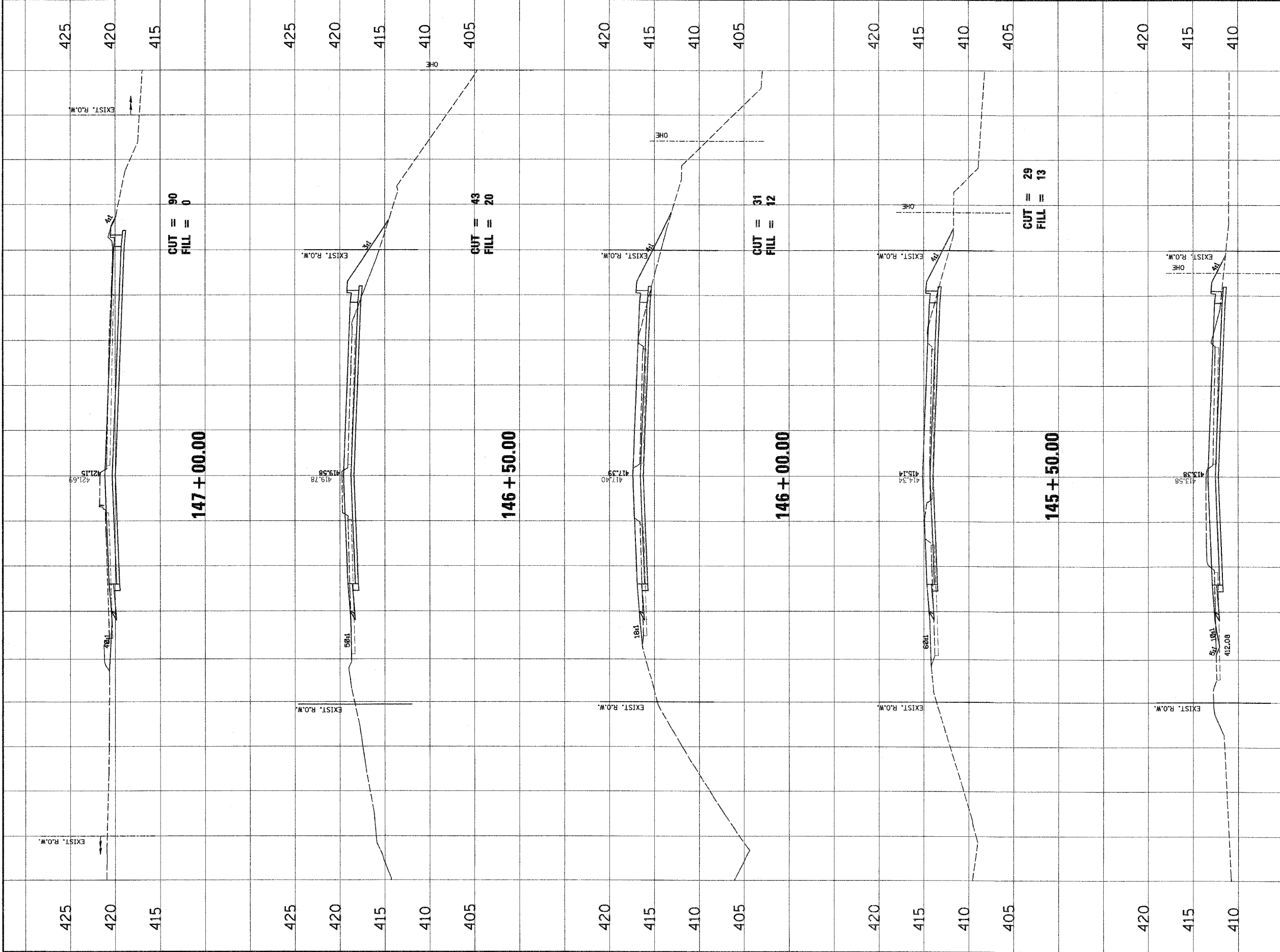
CLIENT/PROJECT : **BISSELL STREET**
SECTION NO. 05-00001-00-WR
MADISON, ILLINOIS

BISSELL STREET
CROSS SECTIONS

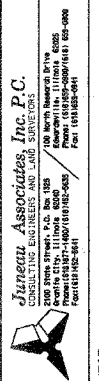
DESIGNED BY: SAS
 DRAWN BY: SAS
 CHECKED BY: BFK
 JOB NO. E-06300
 DATE: 01/15/07
 SCALE: HORZ. 1 inch = 10 feet
 VERT. 1 inch = 5 feet
 SHEET No. **94**

OF 102 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9104	05-00001-00-WR	MADISON	95	102
FED. ROAD DIST. NO. - ILLINOIS		FED. AID PROJECT		
CONTRACT NO. 97914				



NO.	DATE	BY	REVISIONS	REMARKS



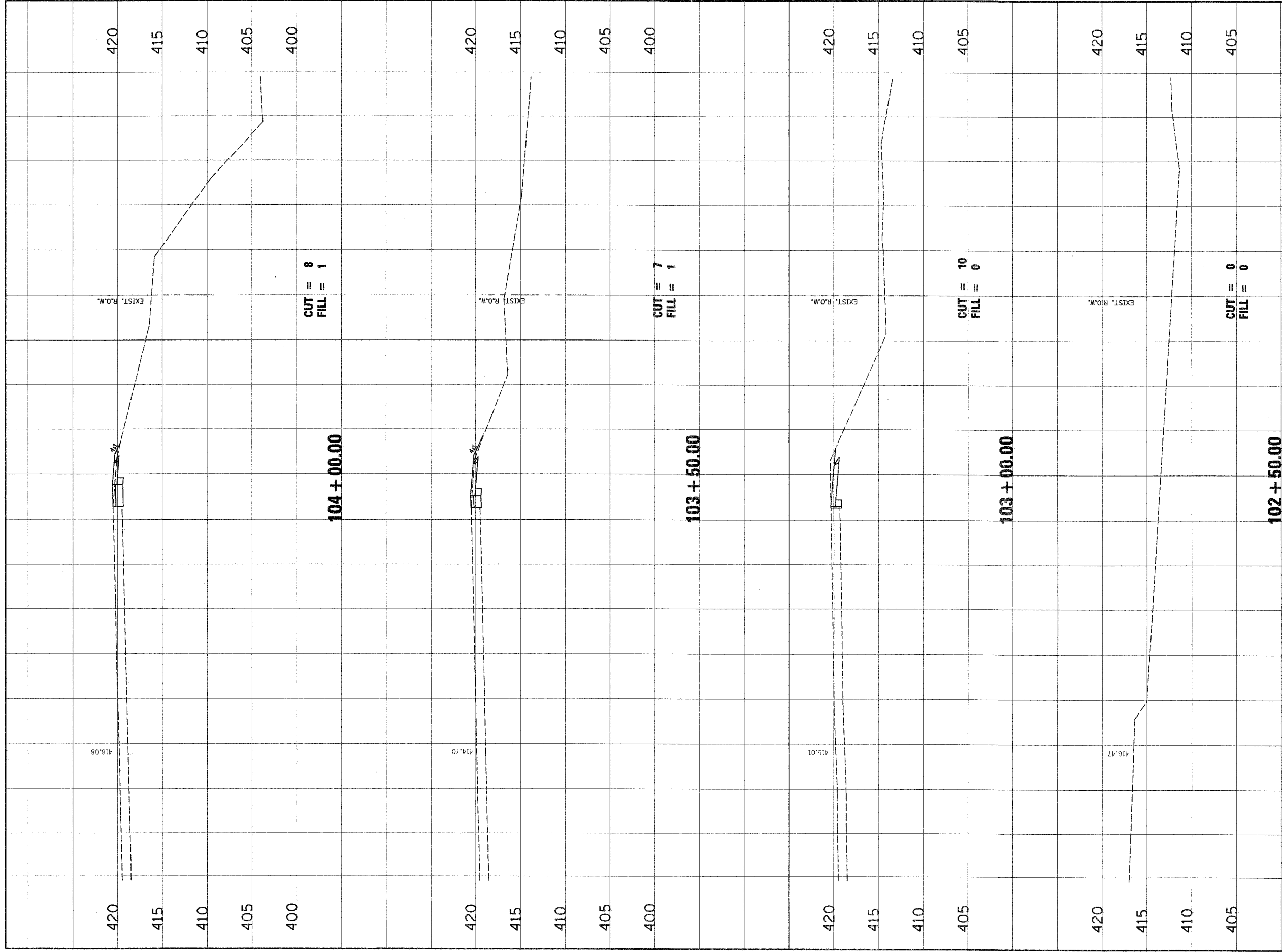
Juneau Associates, Inc. P.C.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 100 North Hancock Street
 200 West Street, A-2, Ste. 105
 Peoria, Illinois 61602-3001
 Phone: (312) 686-1100
 Fax: (312) 686-1101

CLIENT/PROJECT :
BISSELL STREET
SECTION NO. 05-00001-00-WR
MADISON, ILLINOIS

BISSELL STREET
CROSS SECTIONS

DES. BY: SAS
 DWN. BY: SAS
 CHK. BY: BFK
 JOB NO. E-08300
 DATE: 01/15/07
 SCALE: HORZ. 1" = 10 feet
 VERT. 1" = 5 feet

SHEET No.
95



F.A.U. RATE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00001-00-WR	MADISON	96	102
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		
CONTRACT NO. 102X				

NO.	DATE	BY	REVISIONS

**BISSELL STREET
CROSS SECTIONS**

DSN BY: SAS
 CHK BY: SAS
 JOB NO. E-08300
 DATE: 01/5/07
 SCALE: HORZ. 1"=10' feet
 VERT. 1"=5' feet

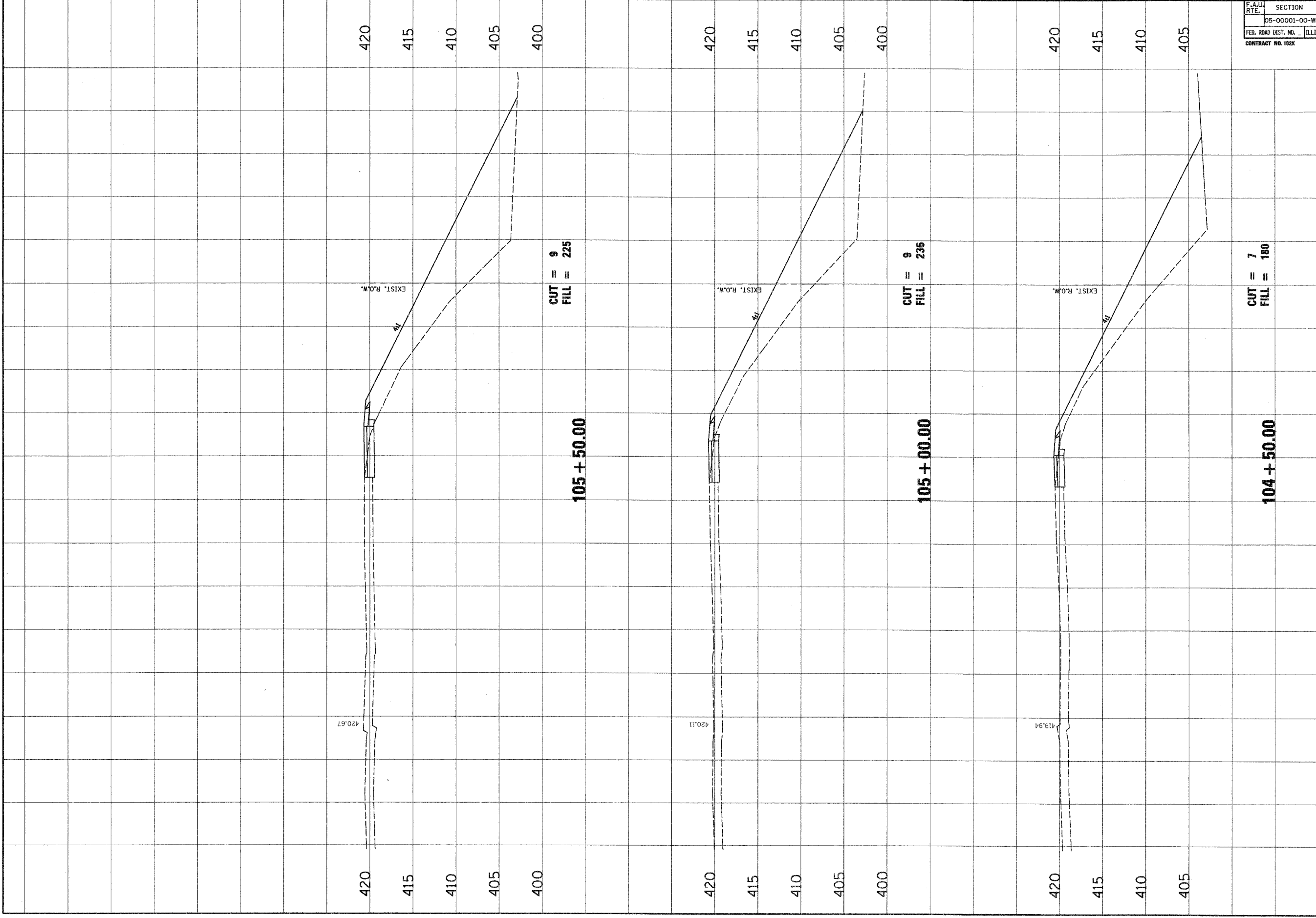
SHEET No.
96

OF **02** SHEETS


CLIENT/PROJECT : **BISSELL STREET
SECTION NO. 05-00001-00-WR
MADISON, ILLINOIS**

Jatrecchi Associates, Inc. P.C.
 1100 South Street, Suite 200
 Northbrook, Illinois 60062
 Phone: (847) 486-1000
 Fax: (847) 486-1001

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00001-00-WR	MADISON	97	102
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		
CONTRACT NO. 102X				



NO.	DATE	BY	REMARKS

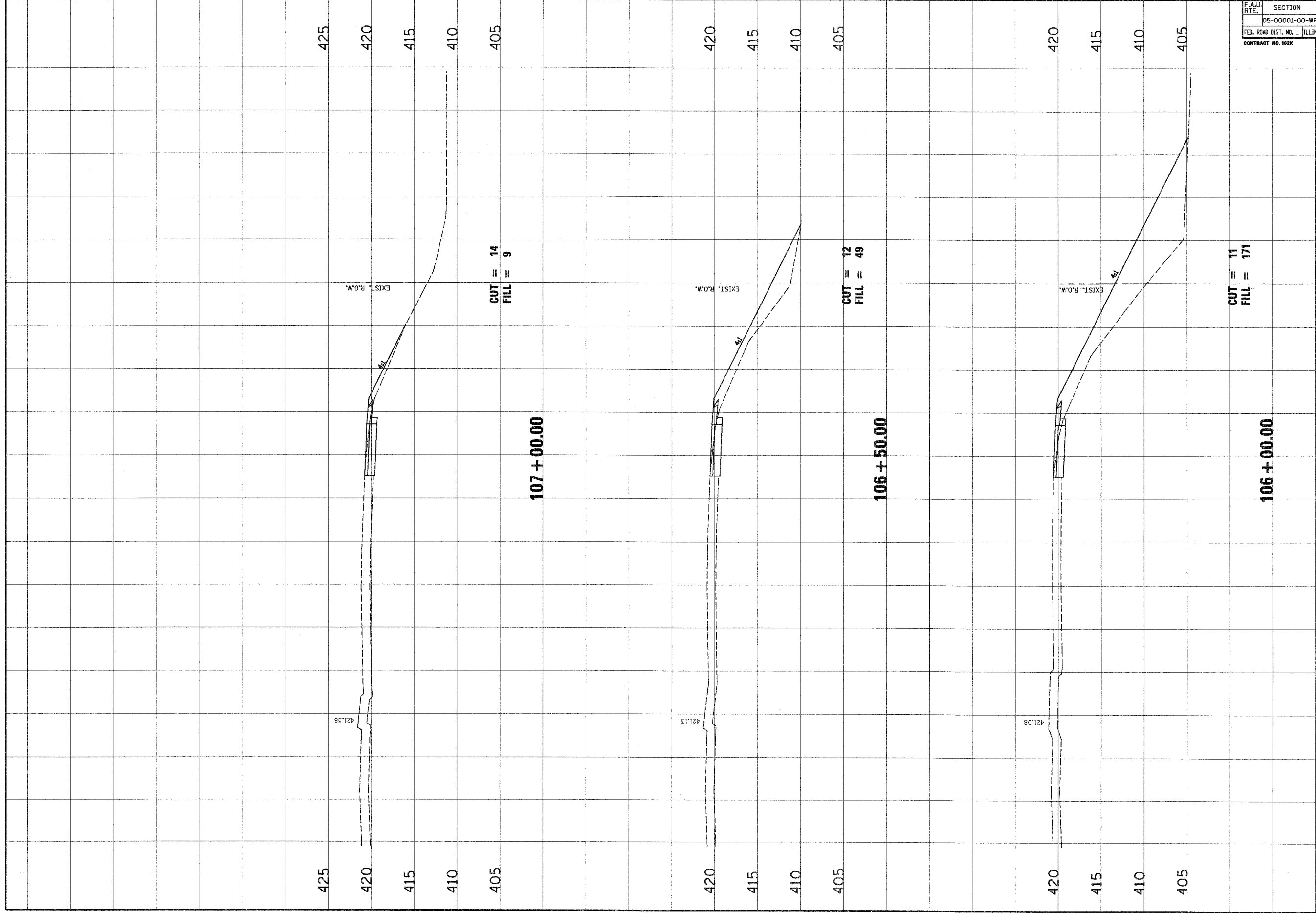

Juneyoung Associates, Inc. P.C.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 100 North American Dr. #700
 Schaumburg, IL 60196
 Phone: (815) 398-8800
 Fax: (815) 398-8801

CLIENT/PROJECT : **BISSELL STREET**
SECTION NO. 05-00001-00-WR
MADISON, ILLINOIS

BISSELL STREET
CROSS SECTIONS

DESIGNED BY: SAS
 DRAWN BY: SAS
 CHECKED BY: BFK
 JOB NO.: E-061300
 DATE: 01/15/07
 SCALE: HORIZ. 1" = 10 feet
 VERT. 1" = 5 feet
 SHEET No. **97**
 OF **102** SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00001-00-WR	MADISON	98	102
FED. ROAD DIST. NO. - ILLINOIS		FED. AID PROJECT		
CONTRACT NO. 102X				



CUT = 14
FILL = 9

CUT = 12
FILL = 49

CUT = 11
FILL = 171

107 + 00.00

106 + 50.00

106 + 00.00

NO.	DATE	BY	REVISIONS

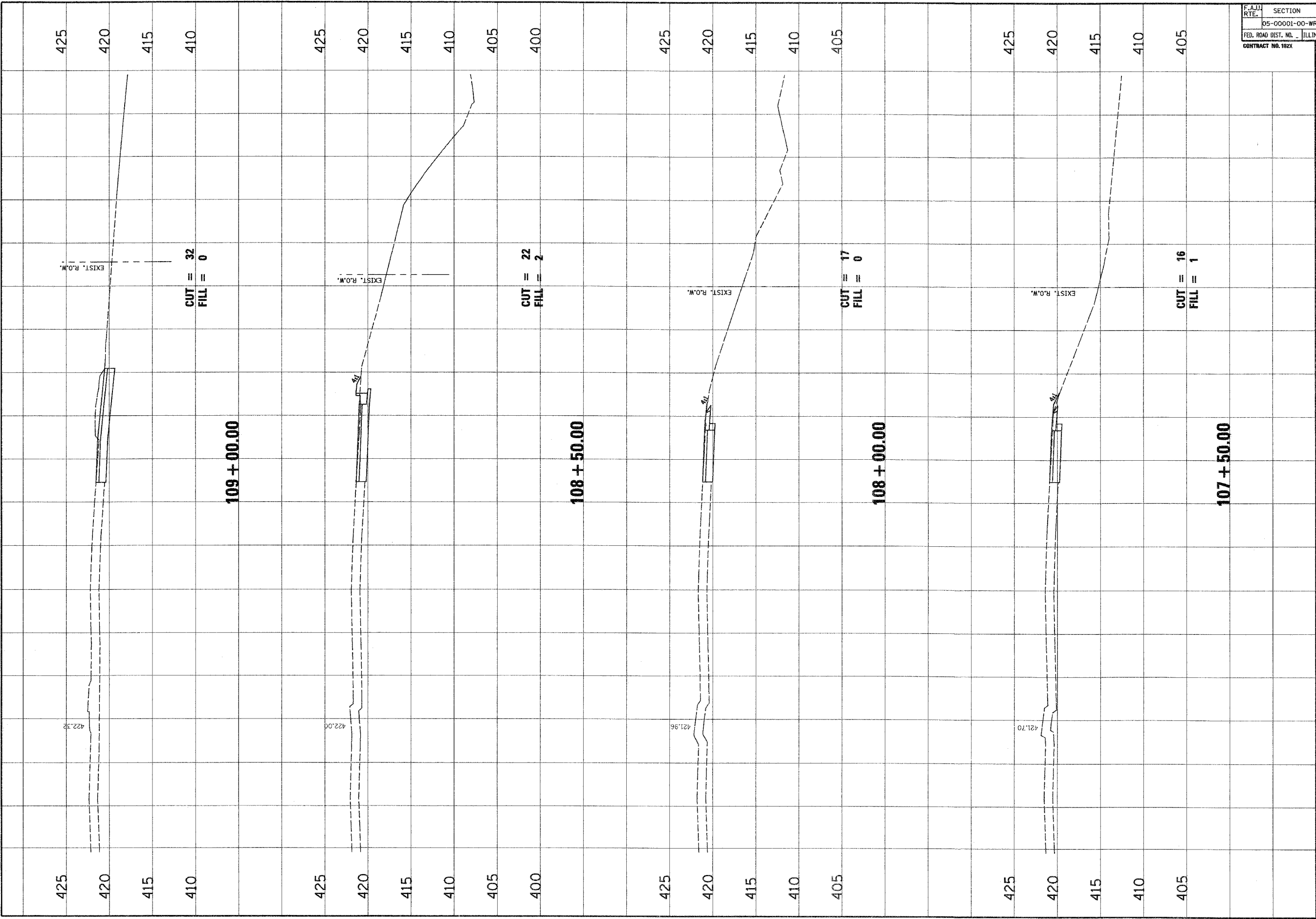
Juneau Associates, Inc. P.C.
CONSULTING ENGINEERS AND LAND SURVEYORS
1000 N. WASHINGTON ST., SUITE 200
MADISON, ILLINOIS 62202
PHONE (618) 262-1234 FAX (618) 262-1235

CLIENT/PROJECT :
BISSELL STREET
SECTION NO. 05-00001-00-WR
MADISON, ILLINOIS

**BISSELL STREET
CROSS SECTIONS**

DSN. BY: SAS
DWN. BY: SAS
CHK. BY: BFK
JOB NO. E-061300
DATE: 01/15/07
SCALE: HORZ. 1"=40' VERT. 1"=5'
SHEET NO. 98
OF 102 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00001-00-WR	MADISON	99	102
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				
CONTRACT NO. 102X				



NO.	DATE	BY	REVISIONS	REMARKS

Jincazi Associates, Inc. P.C.
CONSULTING ENGINEERS AND LAND SURVEYORS
1111 North 11th Street
Peoria, Illinois 61603
Phone: (309) 696-0000
Fax: (309) 696-0001

CLIENT/PROJECT : **BISSELL STREET**
SECTION NO. 05-00001-00-WR
MADISON, ILLINOIS

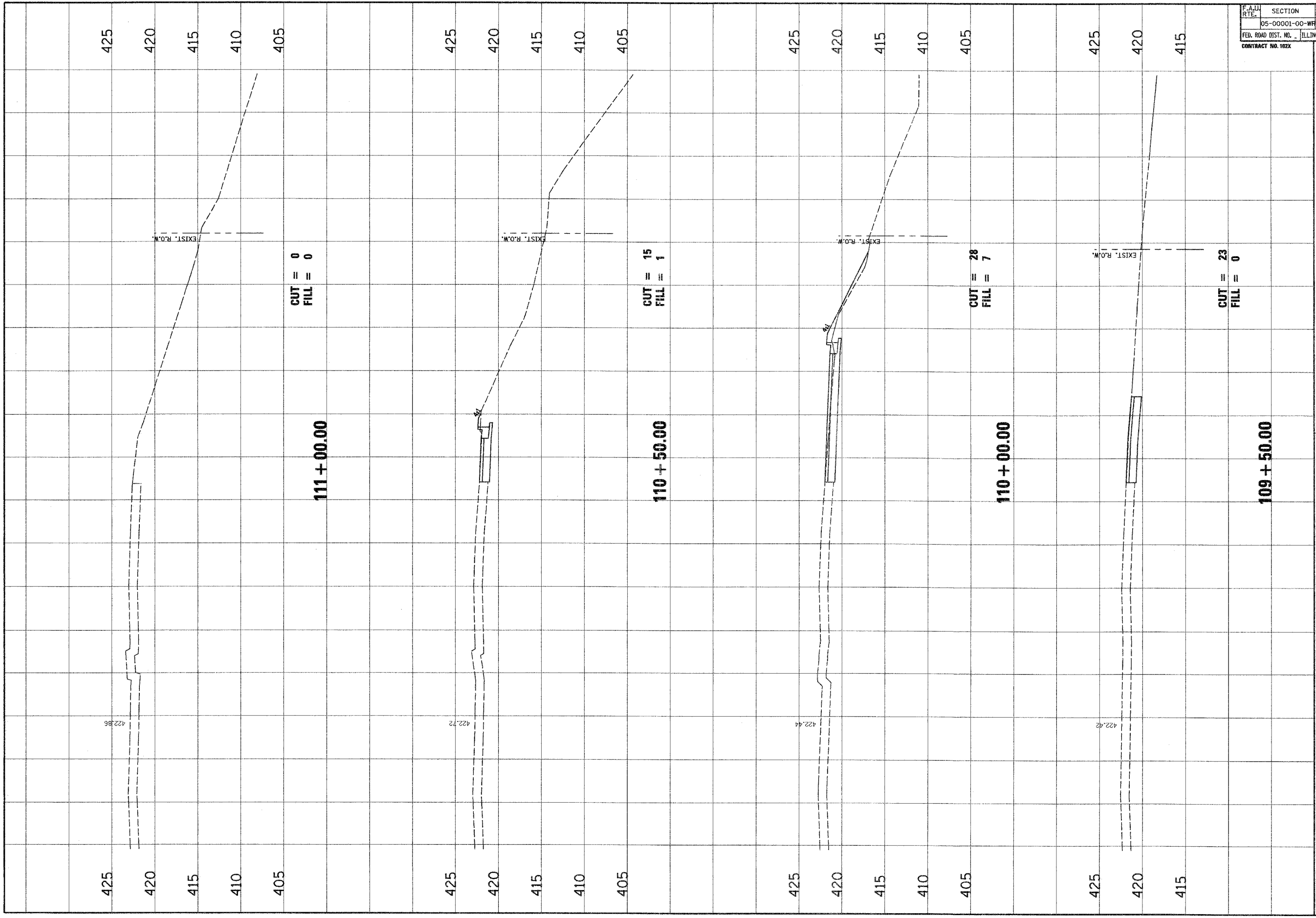
BISSELL STREET
CROSS SECTIONS

DSN. BY: SAS
DWL BY: SAS
CHK. BY: BFK
JOB NO. E-06300
DATE: 01/15/07
SCALE: HORIZ. 1"=40' VERT. 1"=5'
SHEET No.

99

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-00001-00-WR	MADISON	100	100	102
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 102X



NO.	DATE	BY	REMARKS

Jureau Associates, Inc. P.C.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 1000 NORTH WASHINGTON STREET, SUITE 200
 DECATUR, ILLINOIS 62521
 PHONE: 618/288-2222
 FAX: 618/288-2223

CLIENT/PROJECT : **BISSELL STREET**
SECTION NO. 05-00001-00-WR
MADISON, ILLINOIS

BISSELL STREET
CROSS SECTIONS

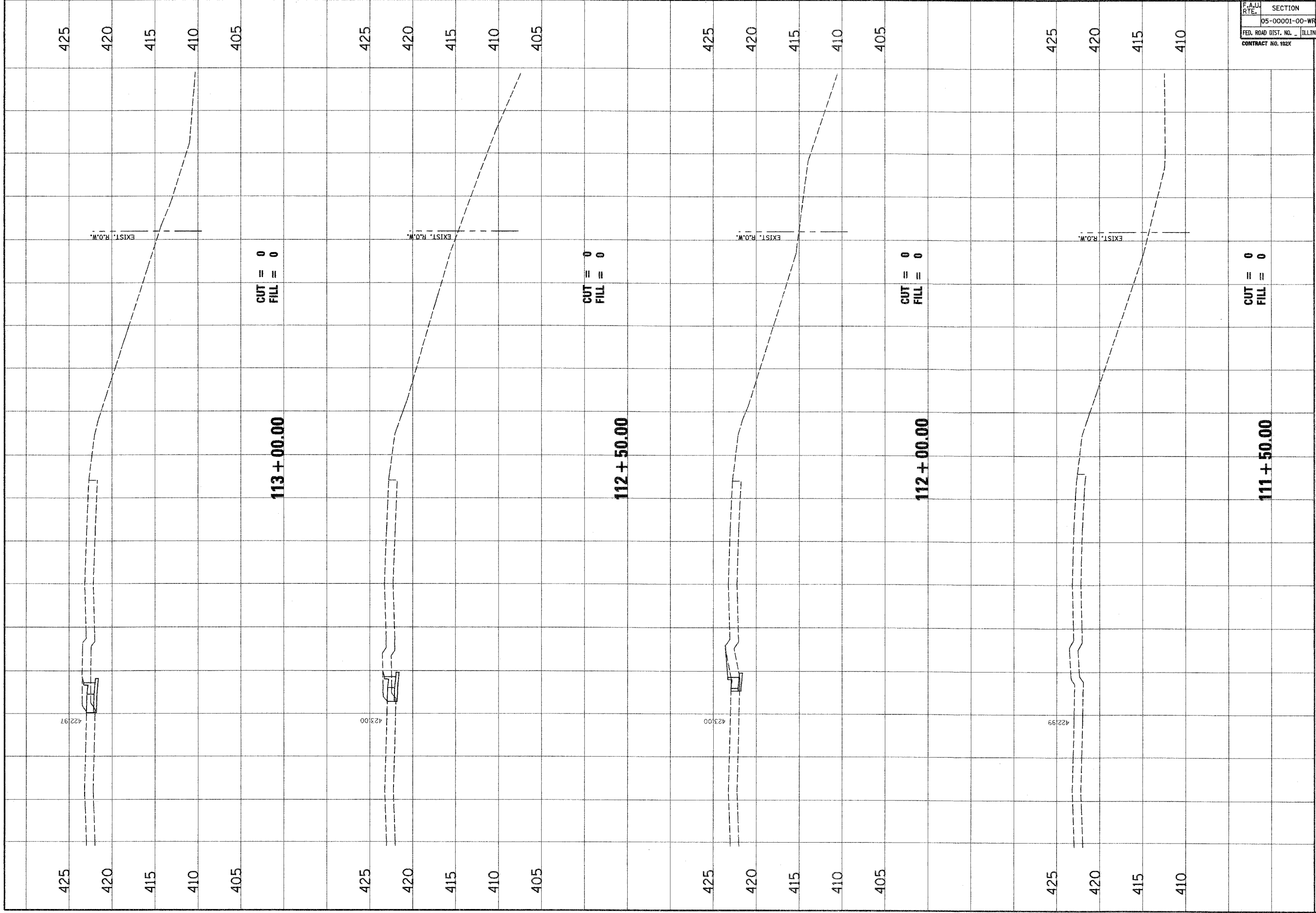
DESIGN BY: SAS
DRAWN BY: SAS
CHECKED BY: BFK
JOB NO. E-06300
DATE: 01/15/07

SCALE: HORZ. 1" = 40 feet
 VERT. 1" = 5 feet


SHEET No. **100**

OF **102** SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00001-00-WR	MADISON	101	102
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 102X				



NO.	DATE	BY	REMARKS


Junear Associates, Inc. P.C.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 1000 N. WASHINGTON ST., SUITE 100
 DECATUR, ILLINOIS 62521
 PHONE: (312) 426-1100
 FAX: (312) 426-1101

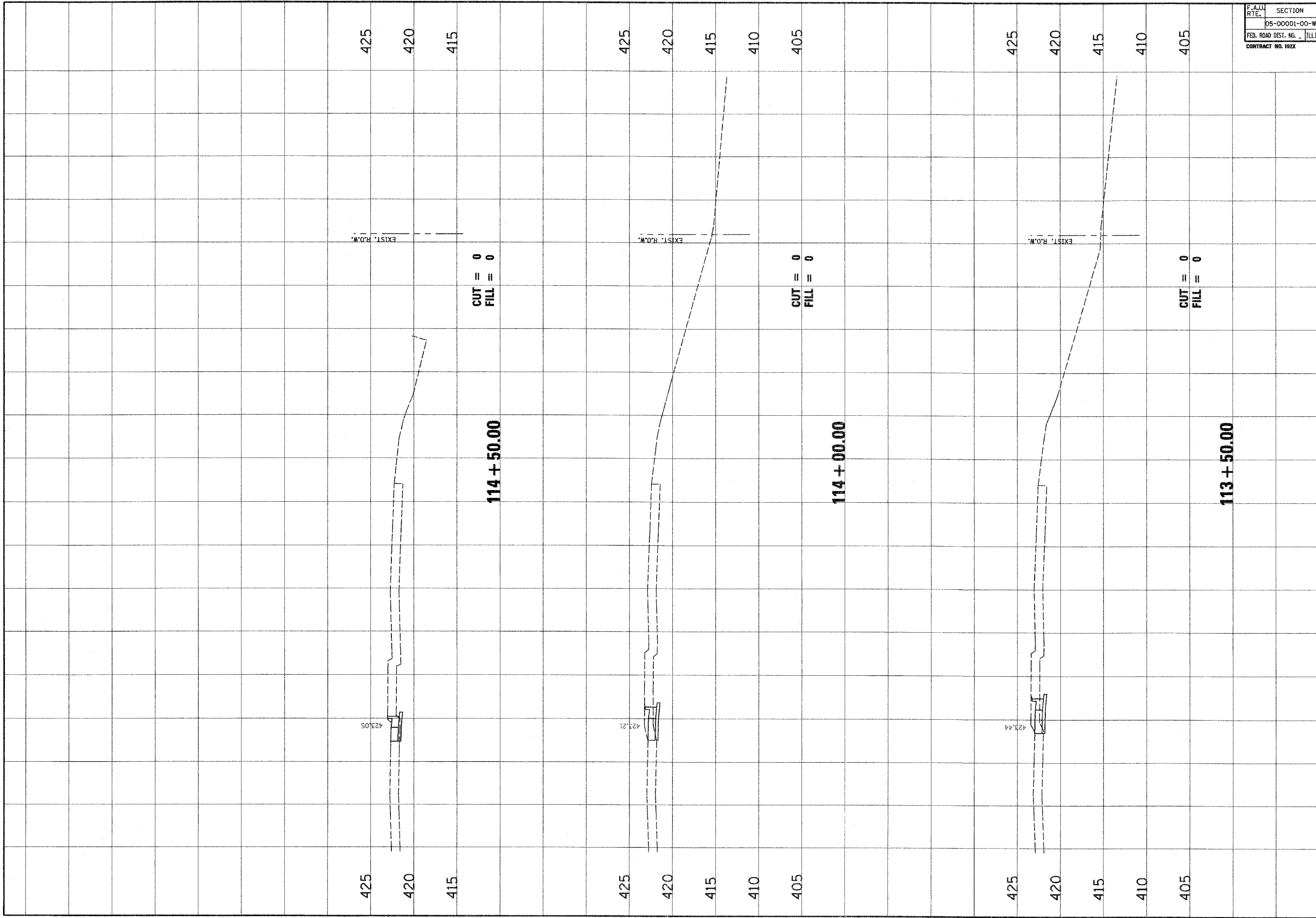
CLIENT/PROJECT :
BISSELL STREET
 SECTION NO. 05-00001-00-WR
 MADISON, ILLINOIS

BISSELL STREET CROSS SECTIONS

DESIGNED BY: SAS
 DRAWN BY: SAS
 CHECKED BY: BFK
 JOB NO. E-06300
 DATE: 01/15/07
 SCALE: HORIZ. 1 inch = 10 feet
 VERT. 1 inch = 5 feet

SHEET No.
101
 OF 102 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00001-00-WR	MADISON	102	102
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 192X				



BISSELL STREET CROSS SECTIONS		BISSELL STREET SECTION NO. 05-00001-00-WR MADISON, ILLINOIS	
DSN. BY: SAS DWN. BY: SAS CHK. BY: BFK JOB NO. E-06900 DATE: 01/15/07 SCALE: HORIZ. 1 inch = 10 feet VERT. 1 inch = 5 feet SHEET No. 102		CLIENT/PROJECT :	
JENSEN ASSOCIATES, INC. P.C. CONSULTING ENGINEERS AND LAND SURVEYORS 200 North Street, P.O. Box 1129 Peoria, Illinois 61602-1129 Phone: (309) 673-2000 Fax: (309) 673-2001		REVISIONS NO. DATE BY REMARKS	