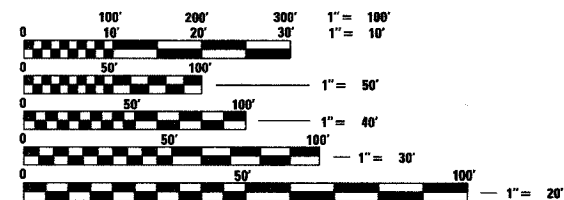


INDEX OF SHEETS

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- 22-31 MAINTENANCE OF TRAFFIC - ADVANCED WARNING SIGNS & STAGES OF CONSTRUCTION
- 32-38 PLAN AND PROFILE SHEETS
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STANDARDS

STD. NO.	
000001-04	602701-01
001001-01	604001-02
001006	604036-01
280001-03	604051-02
420001-06	606001-03
420111-01	606301-03
420501-03	701301-02
420601-04	701311-02
420701-01	701501-03
424001-04	701606-04
602301-01	701701-04
602306-01	701801-03
602401-01	702001-06
602406-02	780001-01
602601-01	781001-02
	886001
	886006



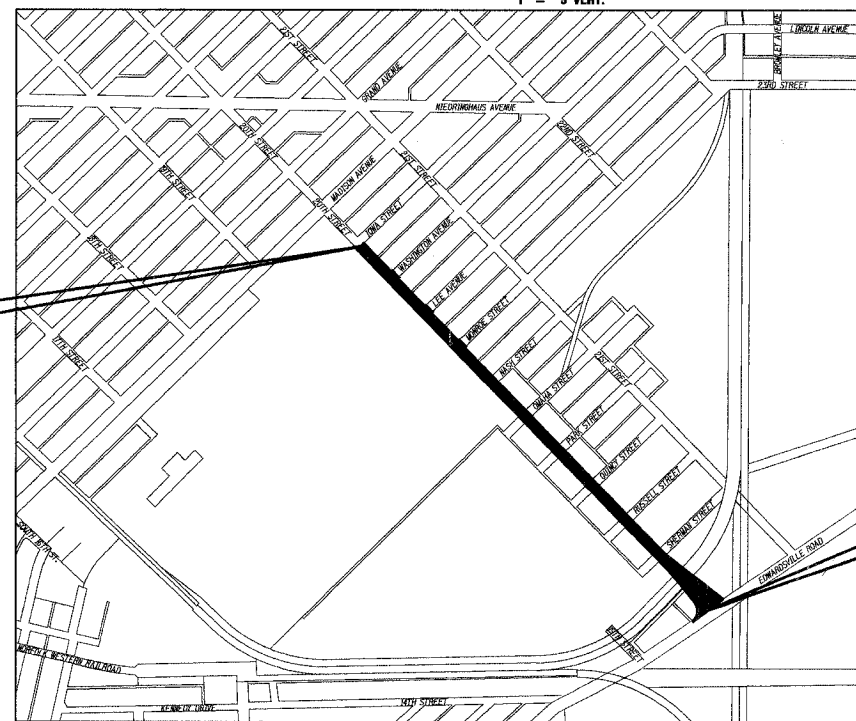
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES, REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES, IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

DESIGN DESIGNATION
FUNCTIONAL CLASSIFICATION: MINOR ARTERIAL
ADT: 9,575 (2006) 11,685 (2026)
DHV: 1052 (2026)
DESIGN SPEED: 30 MPH

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
CITY OF GRANITE CITY
F.A.U. 9089 (20TH STREET) RECONSTRUCTION
PHASES II, III, IV & V
MADISON COUNTY
FEDERAL PROJECT NO. M-HPP-3596(002)
JOB NO. C-98-318-06
SECTION NO. 04-00180-02-PV

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

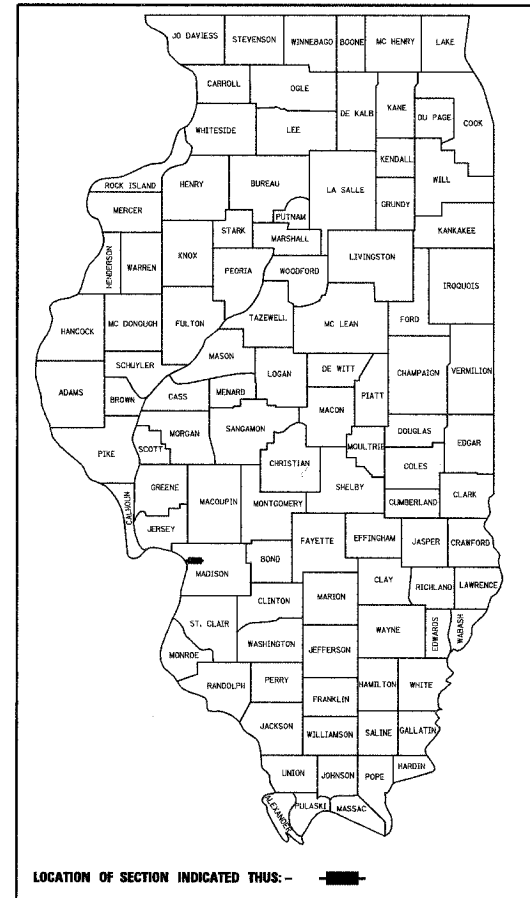


BEGIN PROJECT
STATION 110 + 34.87

END PROJECT
STATION 143 + 69.73

LOCATION MAP
SCALE: 1" = 600'
NET LENGTH OF PROJECT: 3334.86 FEET - 0.632 MILES
SECTION 19, T. 3 N., R. 9 W., 3RD P.M.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9089	04-00180-02-PV	MADISON	92	1
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 07298	



STATE OF ILLINOIS
Department of Transportation

Approved: 2-26-07
Ed Nagman
Mayor, Granite City

Passed: 2-28-07
Jennifer Oberhaus
District 8 Engineer of Local Roads & Streets

Releasing for Bid Based on Limited Review: 2-28-07
Mary C. Lami
Deputy Director of Highways, Region 5 Engineer



Brian F. Kulick 2/26/07
DATE
BRIAN F. KULICK, P.E. No. 49836
(Printed by Authority of the State of Illinois)
Job No. EG030204B

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) 1452-5535
Fax: (618) 1452-5541

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9089	04-00180-02-PV	MADISON	92	2
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 97295

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
	BENCH MARK		PROPERTY LINE		CATCH BASIN
	DITCH/SWALE		EXIST R.O.W. LINE		INLET
	EXISTING MAILBOX		WOOD POST		

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

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

GENERAL NOTES:

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 *US STEEL COMPANY
- *ILLINOIS AMERICAN WATER COMPANY *MCLEOD USA
- *AMEREN IP
- *SBC
- *CHARTER COMMUNICATIONS, INC.
- *GRANITE CITY STEEL COMPANY

(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 SECTIONS 19 OF TOWNSHIP 3 NORTH, RANGE 9 WEST OF THE THIRD PRINCIPAL MERIDIAN.

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. AN AMOUNT OF TEMPORARY PAVEMENT MARKING WHICH EQUALS THE AMOUNT OF PERMANENT PAVEMENT MARKING HAS BEEN ADDED TO THE PLANS.

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

12. 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.

13. 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 TOTAL CONTRACT PRICE.

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.

21. TEMPORARY CONSTRUCTION EASEMENTS DEPICTED ON THE PLANS SHALL NOT BE USED FOR ANY PURPOSE OTHER THAN THAT WHICH IS NECESSARY TO ADJUST THE PROPERTY TO THAT REQUIRED BY THE CONTRACT PLANS. THE CONTRACTOR SHALL NOT USE THE EASEMENT AREAS FOR STORAGE OF MATERIALS OR EQUIPMENT. THE TEMPORARY CONSTRUCTION EASEMENT SHALL BE RESTORED TO THEIR ORIGINAL CONDITION, OR AS DIRECTED BY THE ENGINEER, WHEN THE EASEMENT IS NO LONGER NEEDED. COMPLIANCE SHALL BE CONSIDERED INCLUDED IN THE COST OF PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED) NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR ANY COSTS INCURRED.

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.

- GRANITE CITY POLICE DEPARTMENT 618-451-9760 (NON-EMERGENCY)
- GRANITE CITY FIRE DEPARTMENT 618-452-6231 (NON-EMERGENCY)
- MADISON COUNTY POLICE DEPARTMENT 618-692-4433 (NON-EMERGENCY)

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:	
20TH STREET	
MIXTURE USE	INCIDENTAL
AC/PG	PG 64-22
RAP % (MAX)	10
DESIGN AIR VOIDS	4.0% @ Ndes=70
MIX COMPOSITION (GRADATION MIXTURE)	
FRICITION AGG	MIXTURE D

<p>Juneau Associates, Inc. P.C. CONSULTING ENGINEERS AND LAND SURVEYORS 2100 State Street, P.O. Box 1208 / Granite City, Illinois 62040 Phone: (618) 959-4400 / (618) 959-0205 / Fax: (618) 959-4541</p>	<p>GENERAL NOTES F.A.U. ROUTE 9089 20TH STREET (PHASES II, III & IV) GRANITE CITY, ILLINOIS SECTION No. 04-00180-02-PV</p>																											
	<p>SCALE: N.T.S.</p>																											
<table border="1"> <tr> <th colspan="4">REVISIONS</th> </tr> <tr> <th>NO.</th> <th>DATE</th> <th>BY</th> <th>REMARKS</th> </tr> <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> </table>	REVISIONS				NO.	DATE	BY	REMARKS													<table border="1"> <tr> <td>DSN. BY: BFK</td> <td>DATE: 12/26/06</td> <td rowspan="3">SHEET 2</td> </tr> <tr> <td>DWN. BY: DAN</td> <td>DATE: 12/26/06</td> </tr> <tr> <td>CHKD: BFK</td> <td>DATE: 12/26/06</td> </tr> </table>	DSN. BY: BFK	DATE: 12/26/06	SHEET 2	DWN. BY: DAN	DATE: 12/26/06	CHKD: BFK	DATE: 12/26/06
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DWN. BY: DAN	DATE: 12/26/06																											
CHKD: BFK	DATE: 12/26/06																											
DWG. NO.	JOB NO. E030204	DSN. NAME: GENOTES	OF 92 SHTS																									

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES			
CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY
20200100	EARTH EXCAVATION	CU YD	4252
20800150	TRENCH BACKFILL	CU YD	1686
25000100	SEEDING, CLASS 1	ACRE	0.5
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	45
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	45
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	45
25100120	MULCH, METHOD 2	TON	1
28000500	INLET AND PIPE PROTECTION	EACH	82
30200650	PROCESSING MODIFIED SOIL 12"	SQ YD	19834
30201500	LIME	TON	485
31100300	SUB-BASE GRANULAR MATERIAL, TYPE A 4"	SQ YD	19351
31100500	SUB-BASE GRANULAR MATERIAL, TYPE A 6"	SQ YD	483
35101400	AGGREGATE BASE COURSE, TYPE B	TON	76
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	50
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	250
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	537
42000501	PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)	SQ YD	17022
42001200	PAVEMENT FABRIC	SQ YD	17022
42001300	PROTECTIVE COAT	SQ YD	23918
42200100	PORTLAND CEMENT CONCRETE RAILROAD CROSSING	SQ YD	62
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	604
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	35068
42400800	DETECTABLE WARNINGS	SQ FT	492
44000100	PAVEMENT REMOVAL	SQ YD	17621
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	1029
44000300	CURB REMOVAL	FOOT	5822
44000600	SIDEWALK REMOVAL	SQ FT	21800
44003100	MEDIAN REMOVAL	SQ FT	14378
550B0050	STORM SEWERS, CLASS B, TYPE 1 12"	FOOT	488

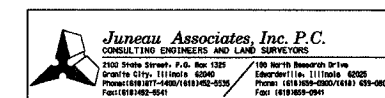
SUMMARY OF QUANTITIES			
CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY
550B0070	STORM SEWERS, CLASS B, TYPE 1 15"	FOOT	243
550B0340	STORM SEWERS, CLASS B, TYPE 2 12"	FOOT	444
55019500	STORM SEWERS, TYPE 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS IV 12"	FOOT	338
55019600	STORM SEWERS, TYPE 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS IV 15"	FOOT	220
55019700	STORM SEWERS, TYPE 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS IV 18"	FOOT	275
55019900	STORM SEWERS, TYPE 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS IV 24"	FOOT	63
55020000	STORM SEWERS, TYPE 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS IV 27"	FOOT	148
55021600	STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III 12"	FOOT	505
55021700	STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III 15"	FOOT	96
55021800	STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III 18"	FOOT	160
55022200	STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III 30"	FOOT	360
55022400	STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III 36"	FOOT	567
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	5
60219300	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	10
60220400	MANHOLES, TYPE A, SPECIAL, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1
60222000	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	7
60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1
60224020	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	8

SUMMARY OF QUANTITIES			
CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY
60224038	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 23 FRAME AND GRATE	EACH	1
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	11
60236800	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	EACH	6
60237460	INLETS, TYPE A, TYPE 23 FRAME AND GRATE	EACH	1
60240310	INLETS, TYPE B, TYPE 11 FRAME AND GRATE	EACH	37
60255500	MANHOLES TO BE ADJUSTED	EACH	16
60260100	INLETS TO BE ADJUSTED	EACH	1
60500060	REMOVING INLETS	EACH	8
60603500	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.06	FOOT	20
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	6491
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	55
60605900	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-9.12	FOOT	217
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	3229
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	18
67100100	MOBILIZATION	L SUM	1
70101700	TRAFFIC CONTROL AND PROTECTION	L SUM	1
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	9999
70300210	TEMPORARY PAVEMENT MARKING-LETTERS AND SYMBOLS	SQ FT	339
70300220	TEMPORARY PAVEMENT MARKING-LINE 4"	FOOT	14273
70300240	TEMPORARY PAVEMENT MARKING-LINE 6"	FOOT	982
70300250	TEMPORARY PAVEMENT MARKING-LINE 8"	FOOT	53
70300260	TEMPORARY PAVEMENT MARKING-LINE 12"	FOOT	322
70300280	TEMPORARY PAVEMENT MARKING-LINE 24"	FOOT	130
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	6205
* 78008200	POLYUREA PAVEMENT MARKING TYPE I-LETTERS & SYMBOLS	SQ FT	339
* 78008210	POLYUREA PAVEMENT MARKING TYPE I-LINE 4"	FOOT	14273
* 78008230	POLYUREA PAVEMENT MARKING TYPE I-LINE 6"	FOOT	982

DATE	
BY	
FINAL SURVEY	
NOTE BOOK	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	

* SPECIALTY ITEMS



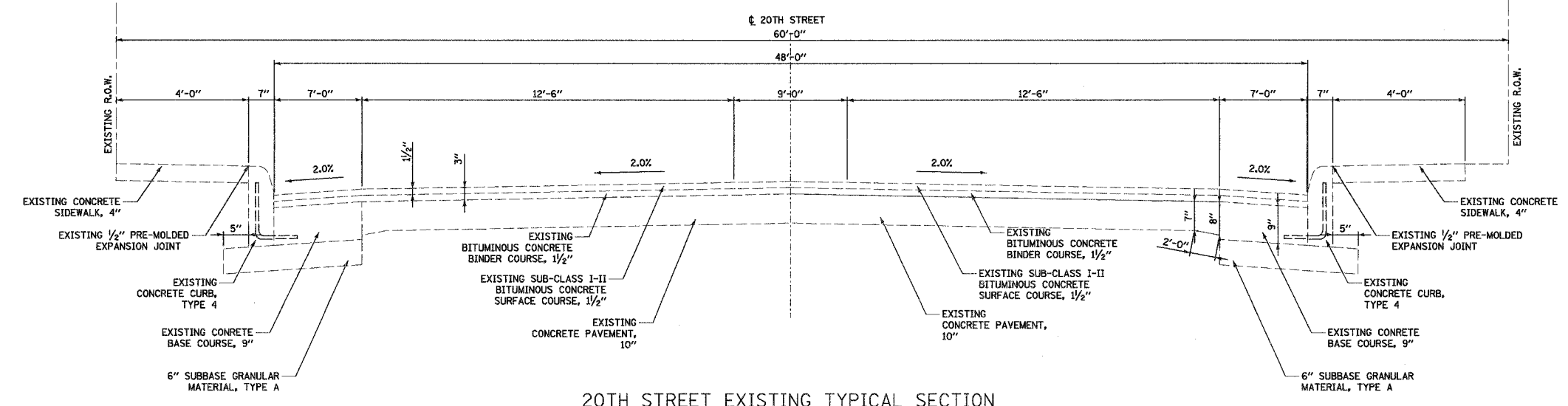
SUMMARY OF QUANTITIES
F.A.U. ROUTE 9089
20TH STREET (PHASES II, III & IV)
GRANITE CITY, ILLINOIS
SECTION No. 04-00180-02-PV

REVISIONS			
NO.	DATE	BY	REMARKS

N.T.S.			
DSN BY:	BFK	DATE:	12/26/06
DWN BY:	DAN	DATE:	12/26/06
CHKD:	BFK	DATE:	12/26/06
DWG. NO.	JOB NO. 030204	DGN. NAME:	SUMQTY OF 92 SHTS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9089	04-00180-02-PV	MADISON	92	5
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		
CONTRACT NO. 87296				

BY	DATE
FINAL SURVEYED	
PLOTTED	
NOTE BOOK TEMPLATE	
AREAS CHECKED	
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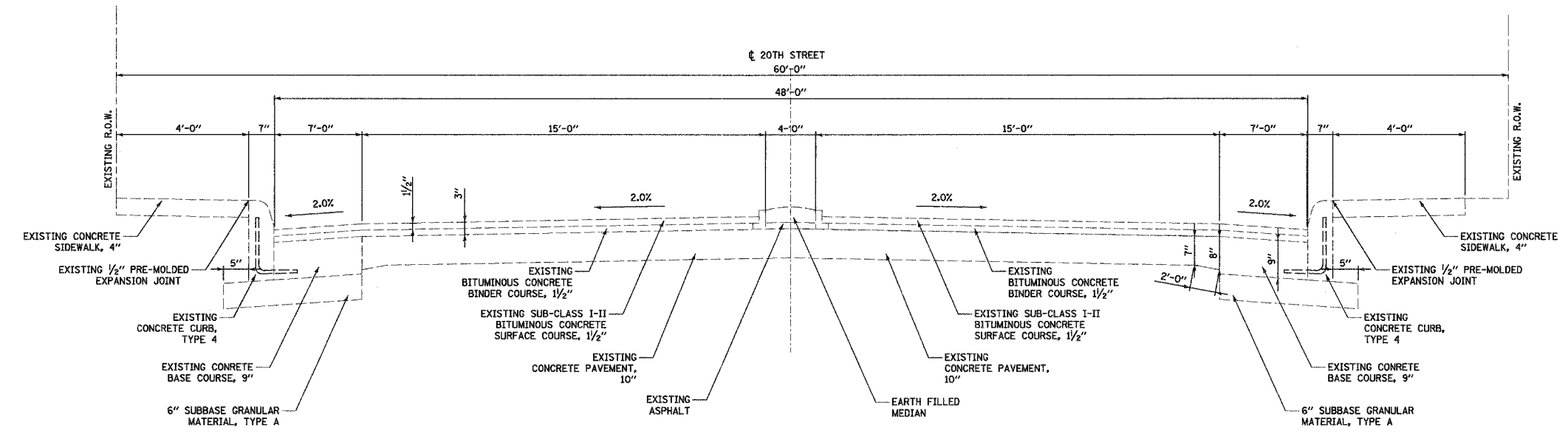


20TH STREET EXISTING TYPICAL SECTION

STA. 110+34.87 TO STA. 110+46.62	STA. 125+96.89 TO STA. 126+66.59
STA. 111+44.37 TO STA. 111+67.85	STA. 129+22.39 TO STA. 129+91.43
STA. 112+92.58 TO STA. 113+65.67	STA. 132+41.14 TO STA. 133+57.91
STA. 116+15.88 TO STA. 116+90.61	STA. 135+68.54 TO STA. 136+41.64
STA. 122+02.14 TO STA. 123+49.77	STA. 138+93.76 TO STA. 139+67.69
STA. 124+27.59 TO STA. 124+67.21	STA. 141+43.01 TO STA. 141+84.53
STA. 124+81.73 TO STA. 125+12.00	

(NOT TO SCALE)

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



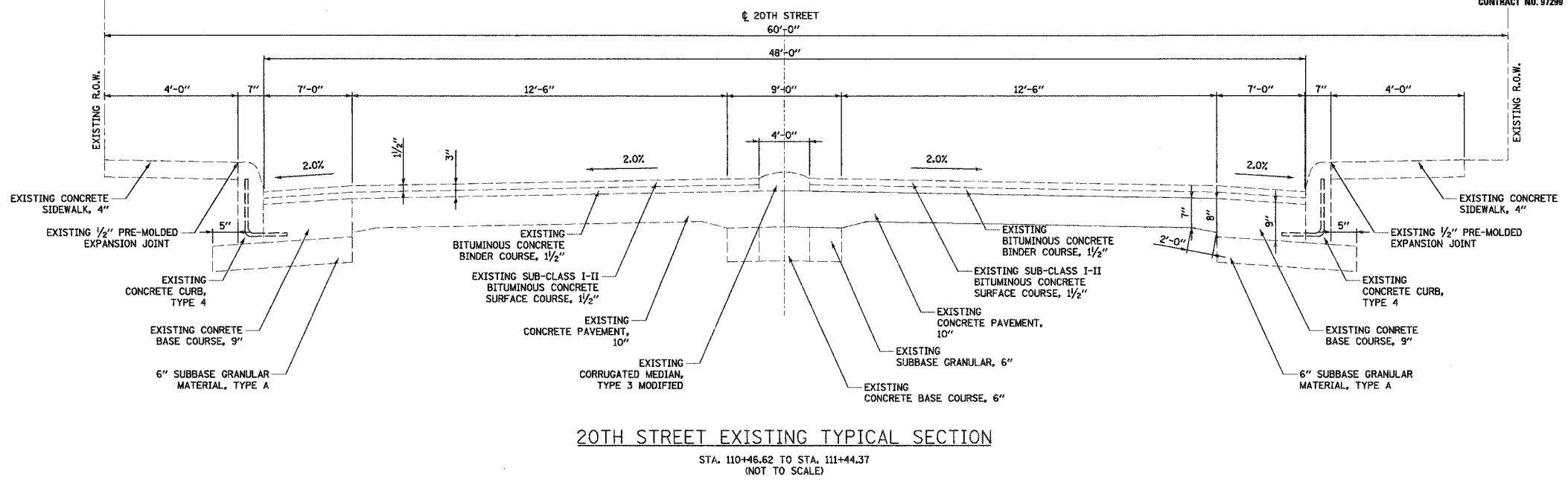
20TH STREET EXISTING TYPICAL SECTION

STA. 121+49.12 TO STA. 122+02.14
STA. 123+49.77 TO STA. 124+27.59
STA. 124+67.21 TO STA. 124+81.73
STA. 125+12.00 TO STA. 125+96.89
STA. 126+66.59 TO STA. 127+19.72

(NOT TO SCALE)

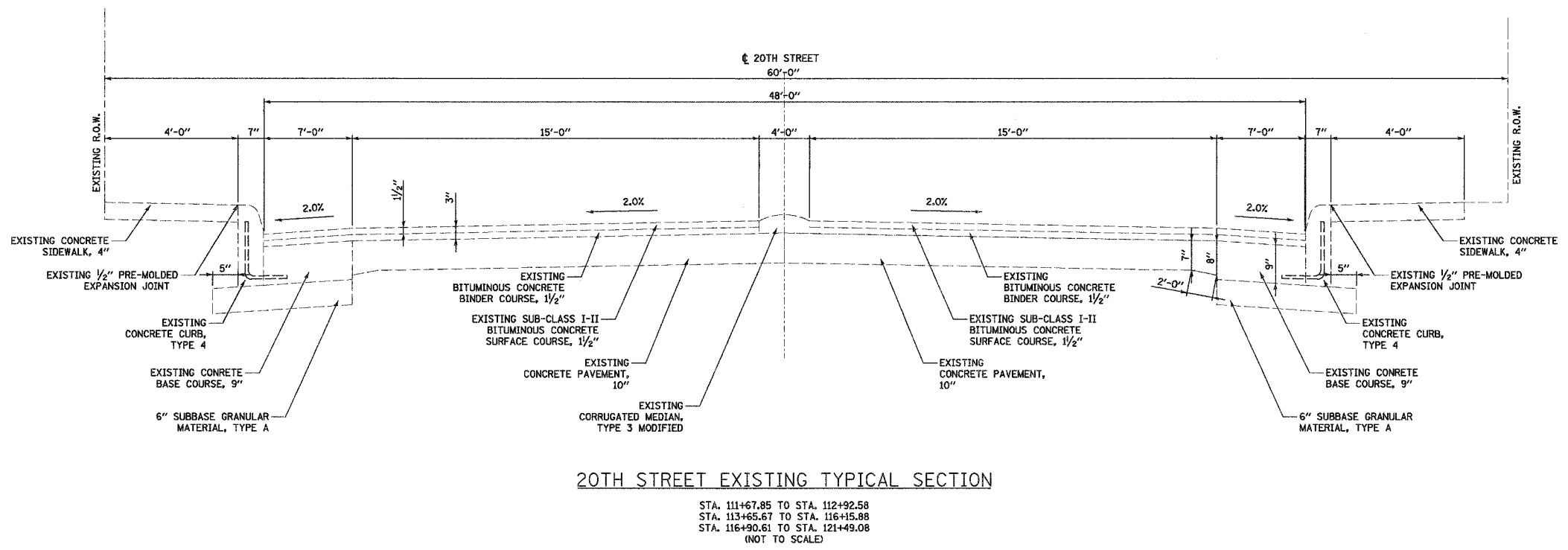
<p>Juneau Associates, Inc. P.C. CONSULTING ENGINEERS AND LAND SURVEYORS 2100 State Street, P.O. Box 1100 Granite City, IL 61151-1100 Phone: (618) 887-1800 / (618) 452-5531 Fax: (618) 452-5541</p>		<p>EXISTING TYPICAL SECTIONS F.A.U. ROUTE 9089 20TH STREET (PHASES II, III & IV) GRANITE CITY, ILLINOIS SECTION No. 04-00180-02-PV</p>	
<p>NO. DATE BY REMARKS</p>		<p>SCALE: N.T.S.</p>	
<p>DSN BY: BFK DATE: 12/26/06 SHEET</p>		<p>5</p>	
<p>CHKD: BFK DATE: 12/26/06</p>		<p>JOB NO. E030204 DGN. NAME: TYP-EX OF 92 SHTS</p>	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9089	04-00180-02-PV	MADISON	92	6
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 97299				



20TH STREET EXISTING TYPICAL SECTION

STA. 110+46.62 TO STA. 111+44.37
(NOT TO SCALE)



20TH STREET EXISTING TYPICAL SECTION

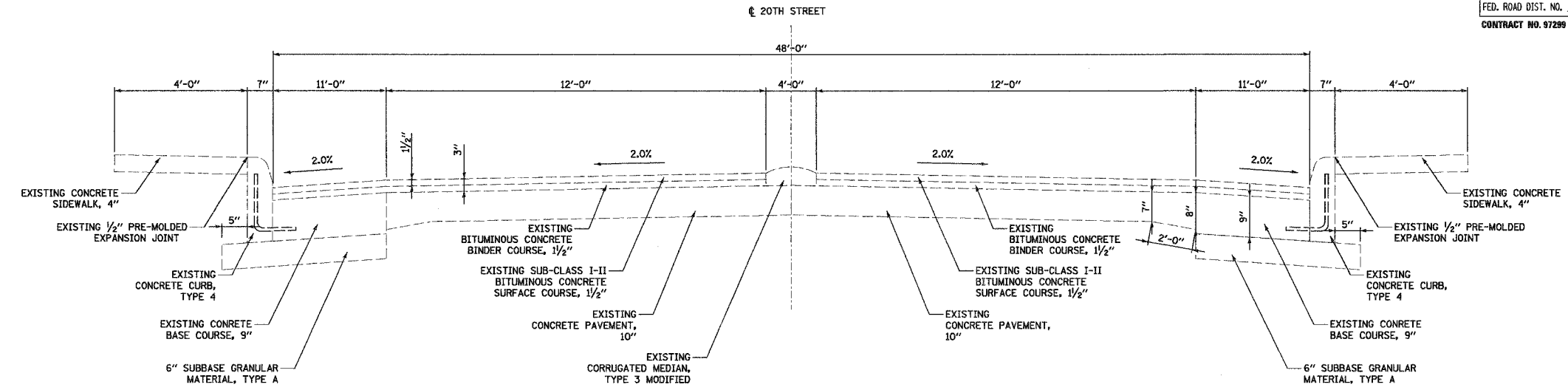
STA. 111+67.85 TO STA. 112+92.58
STA. 113+65.67 TO STA. 116+15.88
STA. 116+90.61 TO STA. 121+49.08
(NOT TO SCALE)

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

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

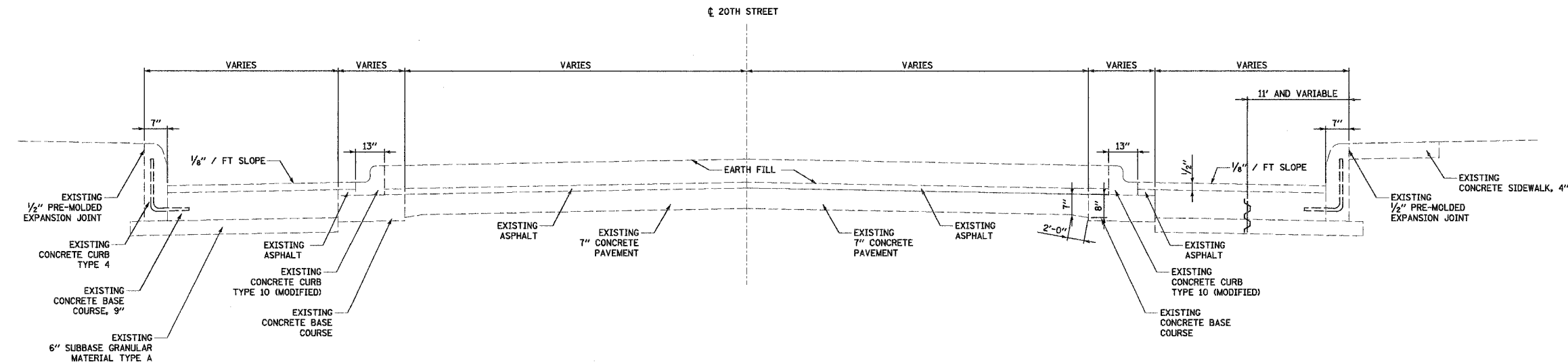
<p>Juneau Associates, Inc. P.C. CONSULTING ENGINEERS AND LAND SURVEYORS 2100 State Street, P.O. Box 1325 Granite City, IL 60145-0325 Phone: (618) 877-1450 / (618) 452-0531 Fax: (618) 452-0541</p>		<p>EXISTING TYPICAL SECTIONS F.A.U. ROUTE 9089 20TH STREET (PHASES II, III & IV) GRANITE CITY, ILLINOIS SECTION No. 04-00180-02-PV</p>																																										
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9089	04-00180-02-PV	MADISON	92	7
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 97299				



20TH STREET EXISTING TYPICAL SECTION

STA. 127+20.21 TO STA. 129+22.37
 STA. 129+91.43 TO STA. 132+41.14
 STA. 133+57.90 TO STA. 135+68.54
 STA. 136+41.65 TO STA. 138+93.76
 (NOT TO SCALE)



20TH STREET EXISTING TYPICAL SECTION

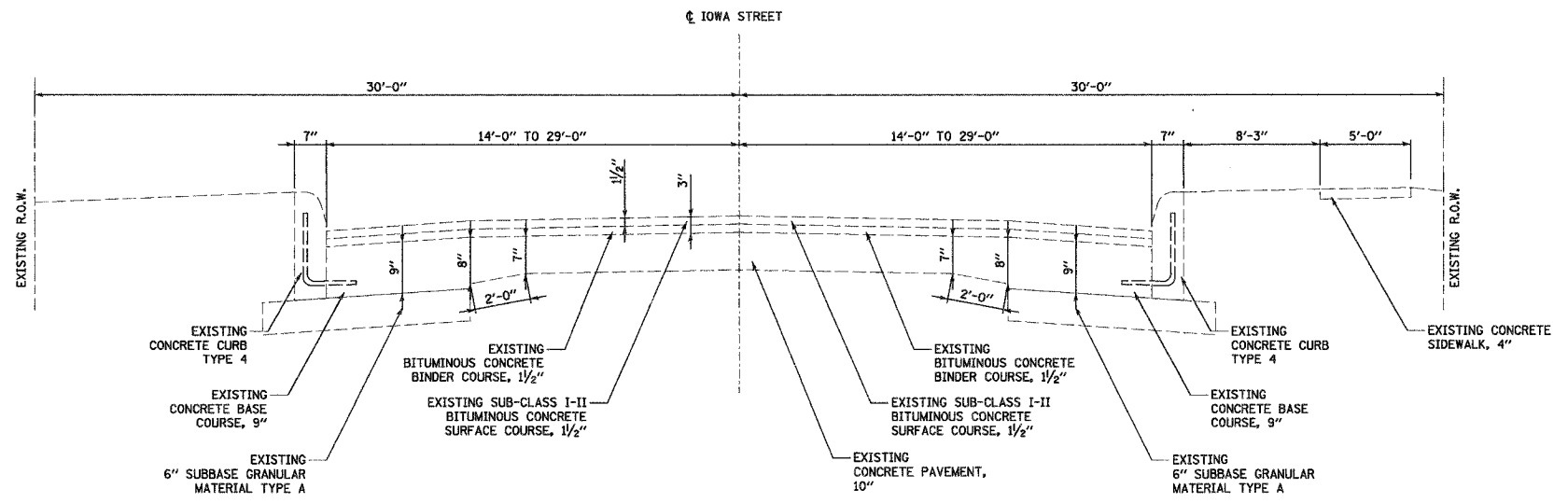
STA. 139+67.68 TO STA. 141+43.03
 STA. 141+84.56 TO STA. 143+67.72
 (NOT TO SCALE)

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

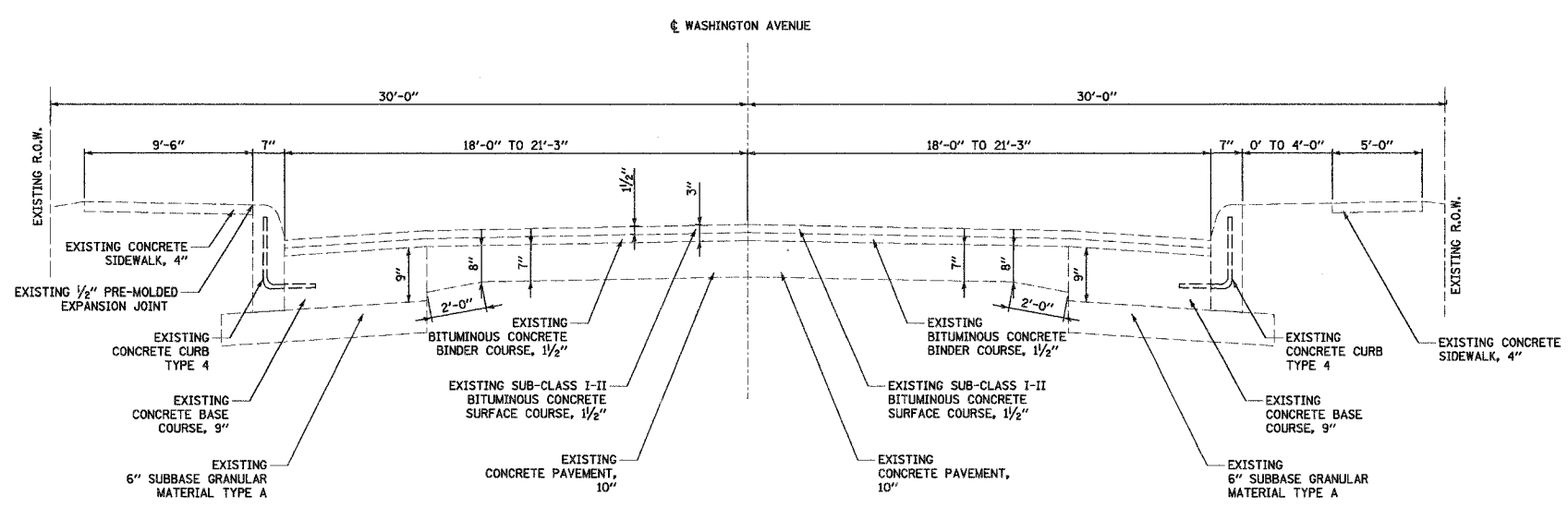
ORIGINAL	SURVEYED	DATE
SURVEY	PLOTTED	
NOTE BOOK	TEMPLATE	
AREAS	CHECKED	
NO.		

<p>Juneau Associates, Inc. P.C. CONSULTING ENGINEERS AND LAND SURVEYORS 2100 North Street, P.O. Box 1325, Granite City, Illinois 62040 Phone: (618) 877-1400 / (618) 482-9335 Fax: (618) 482-9341</p>		<p>EXISTING TYPICAL SECTIONS F.A.U. ROUTE 9089 20TH STREET (PHASES II, III & IV) GRANITE CITY, ILLINOIS SECTION No. 04-00180-02-PV</p>																								
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<p>DWG. NO.</p>		<p>JOB NO. E030204 DGN. NAME: TYP-EX OF 92 SHTS</p>																								

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9089	04-00180-02-PV	MADISON	92	8
FED. ROAD DIST. NO. - ILLINOIS		FED. AID PROJECT		
CONTRACT NO. 97299				



IOWA STREET EXISTING TYPICAL SECTION



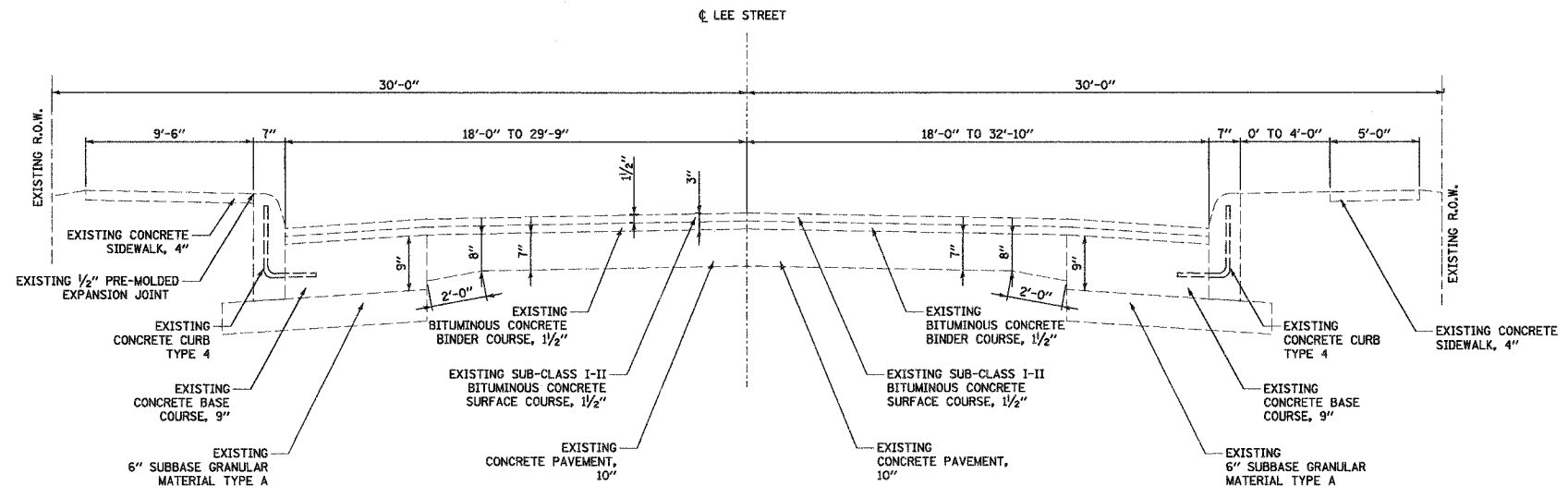
WASHINGTON AVENUE EXISTING TYPICAL SECTION

BY	DATE
SURVEYED	
PLOTTED	
NOTE BOOK	
TEMPLATE	
AREAS CHECKED	
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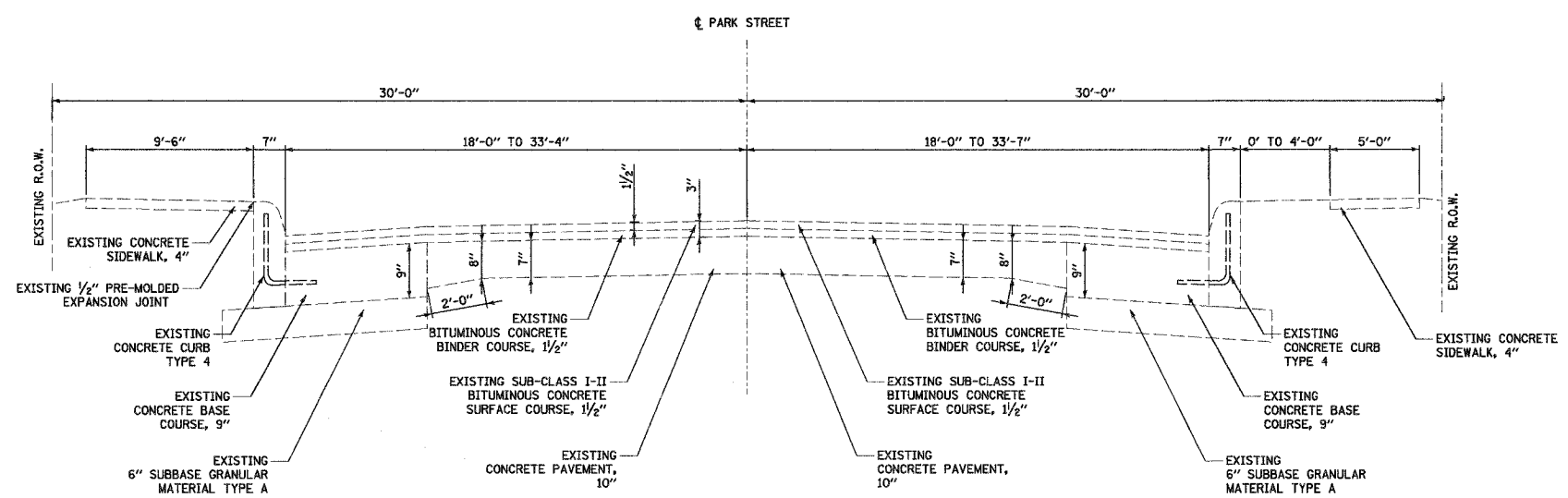
BY	DATE
ORIGINAL SURVEYED	
PLOTTED	
NOTE BOOK	
TEMPLATE	
AREAS CHECKED	
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<p>Juneau Associates, Inc. P.C. CONSULTING ENGINEERS AND LAND SURVEYORS 2100 State Street, P.O. Box 1325 Granite City, IL 60140-0325 Phone: (618) 952-5133 Fax: (618) 952-5541</p>		<p>EXISTING TYPICAL SECTIONS F.A.U. ROUTE 9089 20TH STREET (PHASES II, III & IV) GRANITE CITY, ILLINOIS SECTION No. 04-00180-02-PV</p>									
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<p>DWN. BY: WRC DATE: 12/26/06</p>		<p>8</p>									
<p>CHK'D: BFK DATE: 12/26/06</p>		<p>DWG. NO.</p>									
<p>JOB NO. E030204</p>		<p>DGN. NAME: TYP-EX OF 92 SHTS</p>									

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9089	04-00180-02-PV	MADISON	92	9
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		
CONTRACT NO. 07299				



LEE STREET EXISTING TYPICAL SECTION



PARK STREET EXISTING TYPICAL SECTION

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

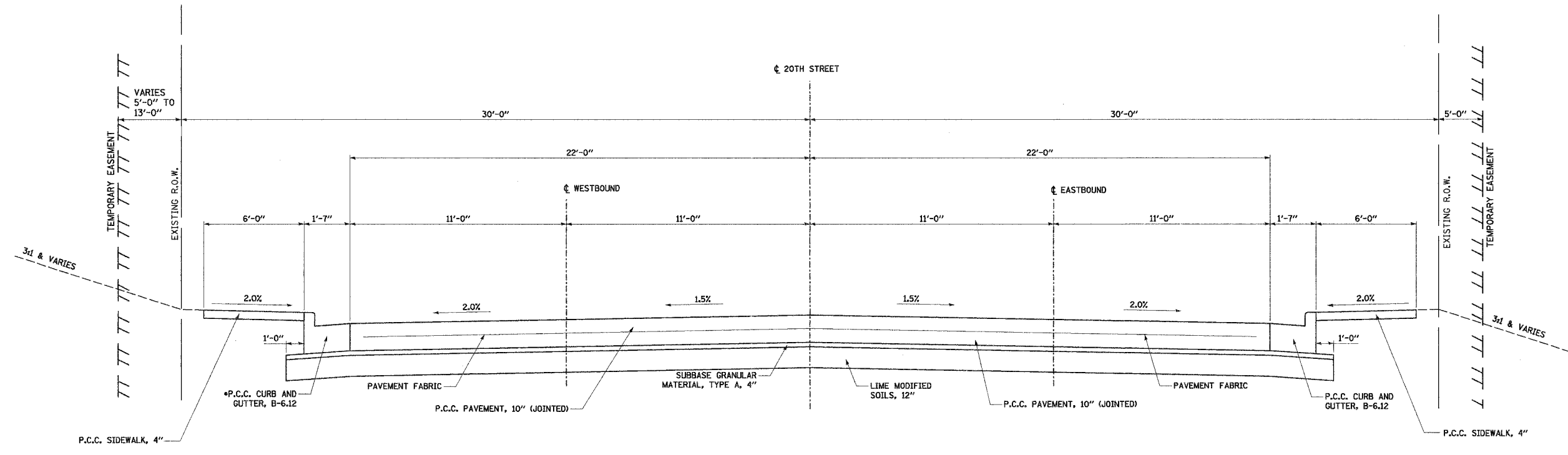
BY	DATE
ORIGINAL SURVEYED	
PLOTTED	
NOTE BOOK TEMPLATE	
AREAS	
CHECKED	
NO.	

<p>Juneau Associates, Inc. P.C. CONSULTING ENGINEERS AND LAND SURVEYORS 2100 State Street, P.O. Box 1325 Granite City, Illinois 62040 Phone: (618) 877-4420 / (618) 952-9531 Fax: (618) 952-9541</p>		<p>EXISTING TYPICAL SECTIONS F.A.U. ROUTE 9089 20TH STREET (PHASES II, III & IV) GRANITE CITY, ILLINOIS SECTION No. 04-00180-02-PV</p>									
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<p>CHK'D: BFK DATE: 12/26/06</p>		<p>JOB NO. E030204 DGN. NAME: TYP-EX OF 92 SHTS</p>									
<p>DWG. NO.</p>											

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9089	04-00180-02-PV	MADISON	92	10
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 97299				

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

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



20TH STREET PROPOSED TYPICAL SECTION

STA. 110+34.87 TO STA. 132+65.83
 STA. 132+95.93 TO STA. 133+20.83
 STA. 133+50.83 TO STA. 141+82.60

NOTE:

1. MAXIMUM TRANSVERSE JOINT SPACING FOR 10" P.C.C. PAVEMENT IS 15.0'.
2. P.C.C. CURB AND GUTTER, B-9.12 SEE SCHEDULES FOR LOCATIONS

20TH STREET STRUCTURAL DESIGN TRAFFIC	
STRUCTURAL DESIGN TRAFFIC	
DESIGN YEAR: 2016	
DESIGN YEAR ADT: 10630	
64% PV	20% SU 16% MU
ROAD/STREET CLASSIFICATION: CLASS I	
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE PV = 25% SU = 25% MU = 25%	
TRAFFIC FACTOR = 3.99	
MINIMUM SOIL SUPPORT IFR = 3.0 (ASSUMED)	
PAVEMENT STRUCTURE MATERIALS:	
RIGID PAVEMENT - 10" JOINTED REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT	
4" GRANULAR SUB-BASE	

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 CONSULTING ENGINEERS AND LAND SURVEYORS
 2100 State Street, P.O. Box 1325 Granite City, Illinois 62040 Phone: (618) 871-1400/1411-4122-5530 Fax: (618) 871-4541
 100 North Research Drive Granite City, Illinois 62040 Phone: (618) 859-0000/1411-4545-0800 Fax: (618) 859-0911

PROPOSED TYPICAL SECTIONS
 F.A.U. ROUTE 9089
 20TH STREET (PHASES II, III & IV)
 GRANITE CITY, ILLINOIS
 SECTION No. 04-00180-02-PV

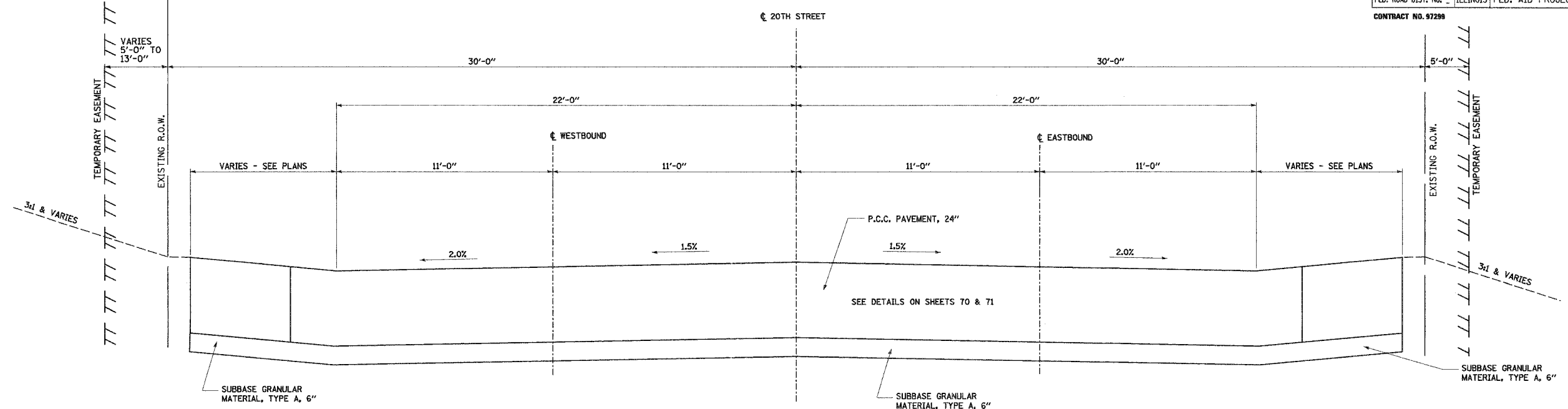
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SCALE: N.T.S.			
DSN. BY:	SAS	DATE:	12/26/06
DWN. BY:	SAS	DATE:	12/26/06
CHKD. BY:	BFK	DATE:	12/26/06
DWG. NO.	JOB NO. E030204	DGN. NAME:	TYP-PROP OF 92 SHTS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9089	04-00180-02-PV	MADISON	92	11
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 97299

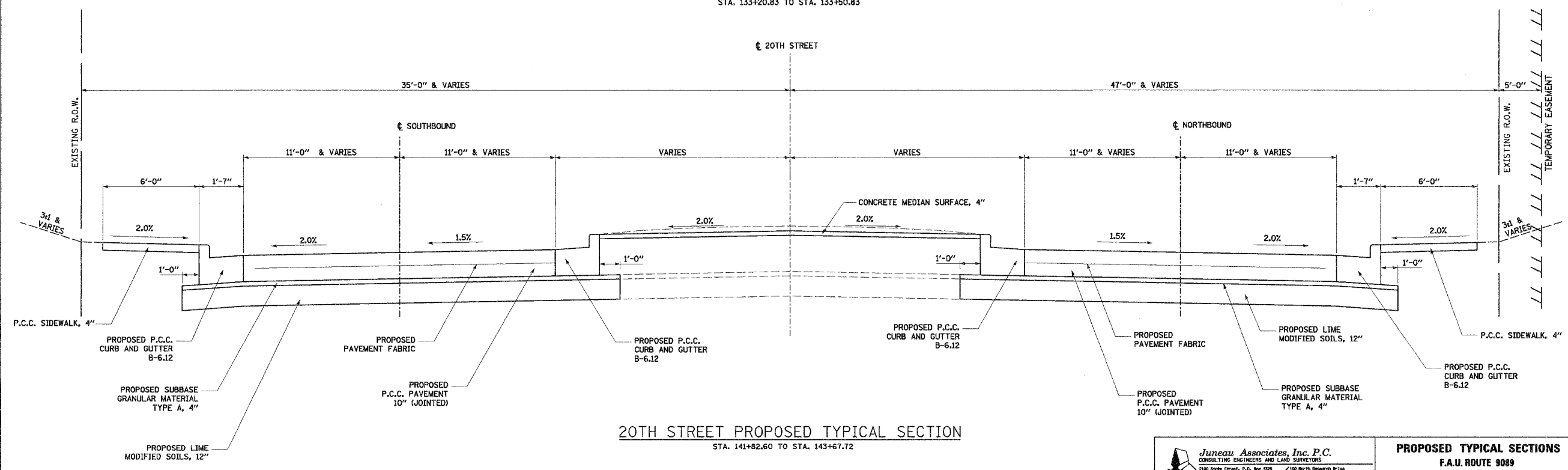
FINAL SURVEY	BY	DATE
SURVEY PLOTTED		
NOTE BOOK TEMPLATE		
AREAS CHECKED		
NO.		



20TH STREET PROPOSED TYPICAL SECTION

STA. 132+65.93 TO STA. 132+95.93
STA. 133+20.83 TO STA. 133+50.83

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



20TH STREET PROPOSED TYPICAL SECTION

STA. 141+82.60 TO STA. 143+67.72

Juneau Associates, Inc. P.C.
CONSULTING ENGINEERS AND LAND SURVEYORS
2100 North Street, P.O. Box 1525
Granite City, IL 62041
Phone: (618) 377-4400 / (618) 402-9835
Fax: (618) 402-0541

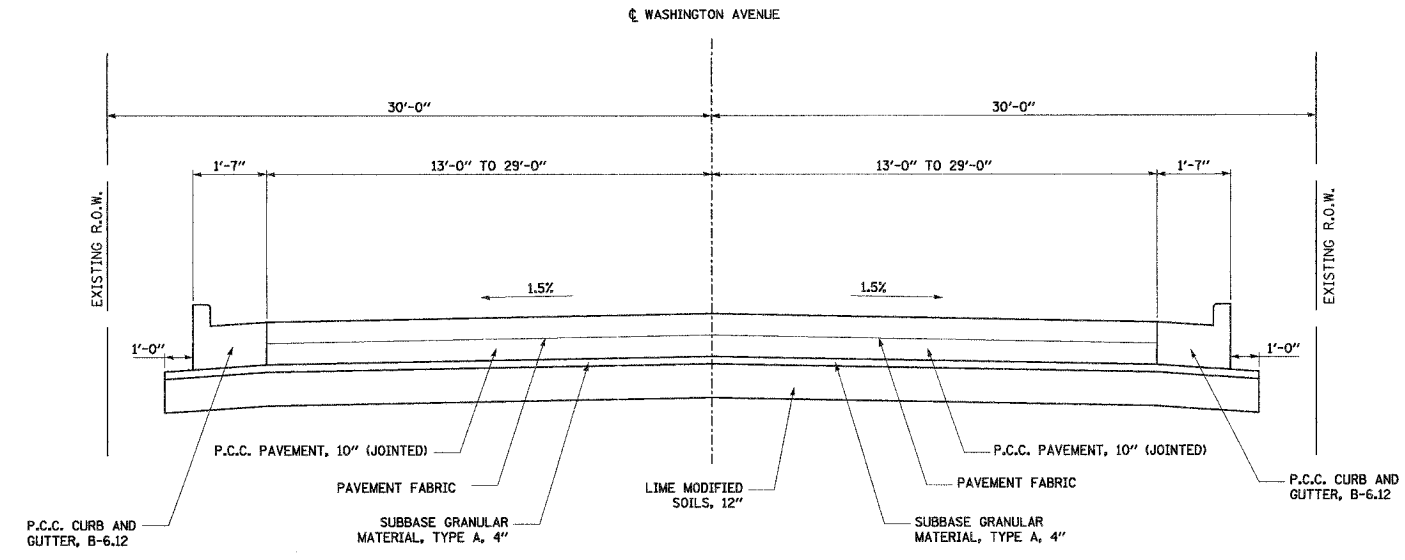
PROPOSED TYPICAL SECTIONS
F.A.U. ROUTE 9089
20TH STREET (PHASES II, III & IV)
GRANITE CITY, ILLINOIS
SECTION No. 04-00180-02-PV

REVISIONS			
NO.	DATE	BY	REMARKS

SCALE:	N.T.S.		
DWN. BY:	SAS	DATE:	12/26/06
DWN. BY:	SAS	DATE:	12/26/06
CHK'D:	BFK	DATE:	12/26/06
DWG. NO.	JOB NO. E030204	DGN. NAME:	TYP-PROP OF 92 SHTS

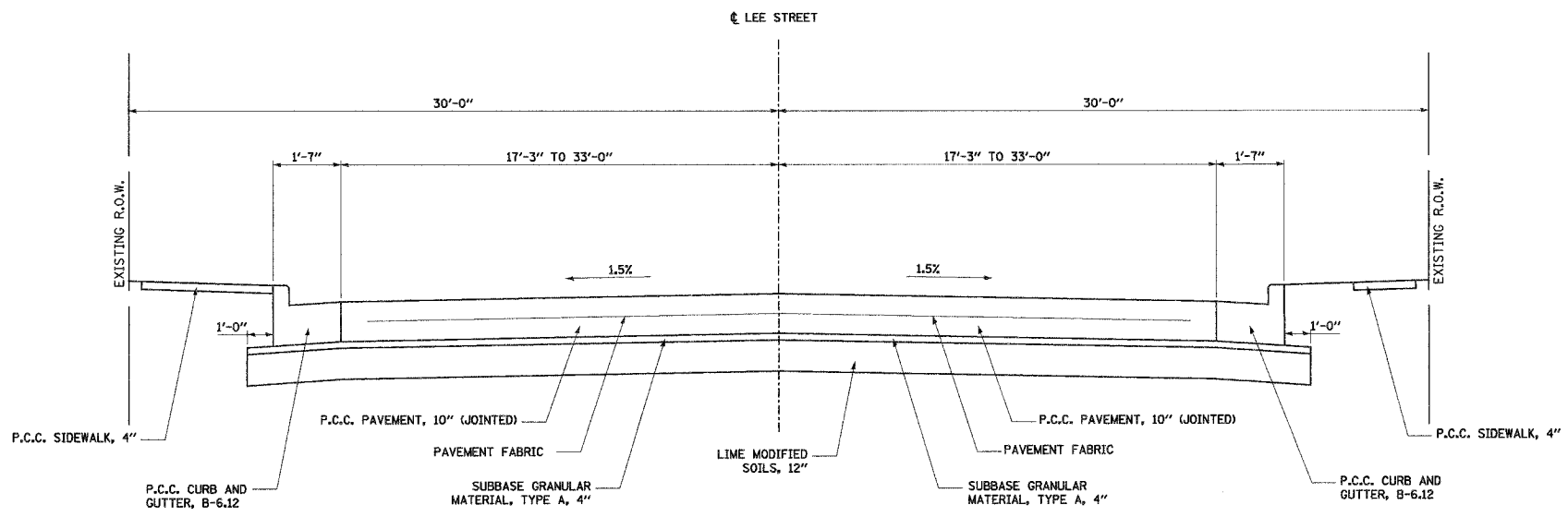
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9089	04-00180-02-PV	MADISON	92	12
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		
CONTRACT NO. 07289				

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



WASHINGTON AVENUE PROPOSED TYPICAL SECTION

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



LEE STREET PROPOSED TYPICAL SECTION

Juneau Associates, Inc. P.C.
CONSULTING ENGINEERS AND LAND SURVEYORS
2100 North 29th Ave., P.O. Box 1180
Granite City, Illinois 62040
Phone: (618) 387-1400 / (618) 402-9500
Fax: (618) 402-9541

PROPOSED TYPICAL SECTIONS
F.A.U. ROUTE 9089
20TH STREET (PHASES II, III & IV)
GRANITE CITY, ILLINOIS
SECTION No. 04-00180-02-PV

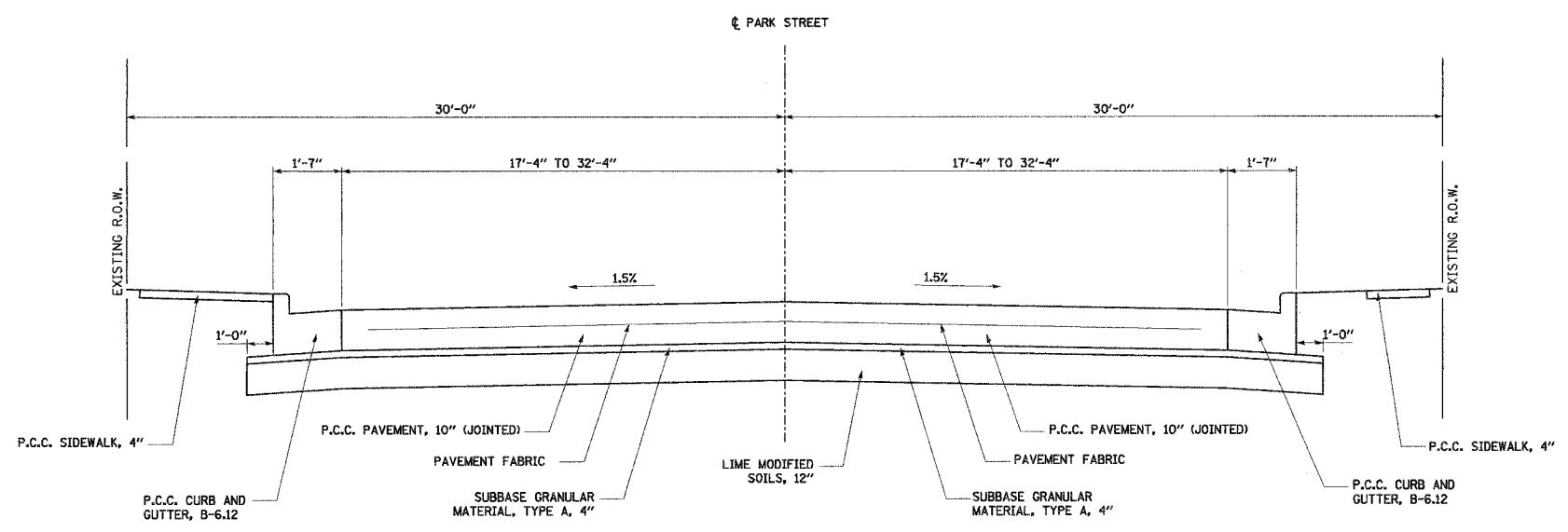
REVISIONS				SCALE: N.T.S.
NO.	DATE	BY	REMARKS	
DWG. NO.				JOB NO. E030204 DGN. NAME: TYP-PROP OF 92 SHTS

DSN. BY: SAS	DATE: 12/26/06	SHEET
DWN. BY: SAS	DATE: 12/26/06	12
CHKD: BFK	DATE: 12/26/06	


F.A.U. RTE:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9089	04-00180-02-PV	MADISON	92	13
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 97299				

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

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



PARK STREET PROPOSED TYPICAL SECTION

 Juneau Associates, Inc. P.C. CONSULTING ENGINEERS AND LAND SURVEYORS <small>2100 State Street, P.O. Box 1325 Granite City, IL 62040-0132 Phone: (618) 952-1400/(618) 952-5533 Fax: (618) 952-5541</small>		PROPOSED TYPICAL SECTIONS F.A.U. ROUTE 9089 20TH STREET (PHASES II, III & IV) GRANITE CITY, ILLINOIS SECTION NO. 04-00180-02-PV													
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REVISIONS															
NO.	DATE	REMARKS													

STRIPING SCHEDULE

LOCATION	TYPE	POLYUREA							LETTERS & SYMBOLS (SQ FT)	RAISED REFL. PAVT. MKRS		PRISMATIC CURB REFLECTOR (EACH)	PAINT PAVEMENT MARKING RAISED MEDIAN (SQ FT)	PAINT PAVEMENT MARKING CURB (FOOT)
		4" YELLOW (FOOT)	4" WHITE (FOOT)	6" WHITE (FOOT)	8" WHITE (FOOT)	12" YELLOW (FOOT)	12" WHITE (FOOT)	24" WHITE (FOOT)		ONE-WAY				
		AMBER (EACH)	CRYSTAL (EACH)											
STA. 110+34.87 TO STA. 122+83.02	EDGE LINE		2322											
	STOP BARS					39								
	SKIP-DASH 10'-30'		625											
	DOUBLE CENTER LINE	2410												
	CROSSWALKS			268										
STA. 122+83.02 TO STA. 143+69.73	EDGE LINE	378	3668		53				18	24	6	144	450	
	STOP BARS					116	130							
	SKIP-DASH 10'-30'		940											
	DOUBLE CENTER LINE	3620												
	CROSSWALKS			714										
	LANE LINE		310											
	DIAGNOLS					84	83							
	ARROWS							94						
	RAILROAD XING							245						
TOTAL		6408	7865	982	53	84	238	130	339	18	24	6	144	450

DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS	CHECKED

HEAVY HAUL ROAD PAVING SCHEDULE

LOCATION	PROCESS MOD SOIL 12 IN (SQ YD)	LIME (TON)	PC CONC PAVEMENT 24 IN (CU YD)	SUB BASE GRANULAR TY A 6 IN (SQ YD)	PROT COAT (SQ YD)
STA. 132+65.93 TO STA. 132+95.93	233	2.9	156	233	233
STA. 133+20.83 TO STA. 133+50.83	250	3.1	167	250	250
TOTAL	483	6.0	323	483	483

PROTECTIVE COAT SCHEDULE

LOCATION	AREA (SQ YD)
PC CONCRETE PAVEMENT	17022
PC CONCRETE HEAVY HAUL PAVEMENT	483
PC CONCRETE RAILROAD CROSSING	62
COMBINATION CURB AND GUTTER	1511
DRIVEWAY PAVEMENT	585
4" PCC SIDEWALK	3896
4" CONCRETE MEDIAN	359
TOTAL	23918

DOWNSPOUT OUTLET FLUME

LOCATION	DOWNSPOUT OUTLET FLUME (EACH)
STA. 112+09.17 RT	1
STA. 112+49.37 RT	1
STA. 112+91.71 RT	1
STA. 113+37.50 RT	1
STA. 114+25.07 RT	1
STA. 115+08.80 RT	1
STA. 115+93.58 RT	1
STA. 116+77.00 RT	1
STA. 117+62.97 RT	1
STA. 118+33.60 RT	1
STA. 118+75.54 RT	1
STA. 119+17.63 RT	1
STA. 120+06.14 RT	1
STA. 120+36.76 RT	1
STA. 121+28.93 RT	1
STA. 121+83.11 RT	1
TOTAL	16

EARTHWORK SCHEDULE

LOCATION	EARTH EXCAVATION (CU YD)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE WASTE(+) OR SHORTAGE(-) (CU YD)
STA. 110+34.87 TO STA. 126+10.50	4252	3189	72	3117
TOTAL	4252	3189	72	3117

PAVING SCHEDULE

LOCATION	PROCESS MOD SOIL 12 IN (SQ YD)	LIME (TON)	PC CONC PAVEMENT 10 IN (SQ YD)	SUB BASE GRANULAR TY A 4 IN (SQ YD)	PAVEMENT FABRIC (SQ YD)	PROT COAT (SQ YD)	STAGE CONSTR INCIDTL HMA SURF (TON)
STA. 110+34.87 TO STA. 126+03.90	8756	217	7872	8756	7872	7872	
STA. 126+10.50 TO STA. 132+65.93	3851	95	3484	3851	3484	3484	
STA. 132+95.93 TO STA. 133+20.83	149	4	131	149	131	131	
STA. 133+50.83 TO STA. 143+69.73	6595	163	5535	6595	5535	5535	
TOTAL	19351	479	17022	19351	17022	17022	500

P.C.C. RAILROAD CROSSING

LOCATION	PCC RAILROAD CROSSING (SQ YD)	PROT COAT (SQ YD)
STA. 126+02.94 TO STA. 126+11.43	61.9	61.9
TOTAL	62	62

DATE	BY	ORIGINAL	SURVEYED	PLOTTED	TEMPLATE	AREAS	CHECKED

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

3700 South Street, P.O. Box 1205
Granite City, Illinois 62040
Phone: (618) 987-1400 / (618) 987-0035
Facsimile: (618) 987-0041

100 North Hampton Drive
Granite City, Illinois 62040
Phone: (618) 989-9900 / (618) 955-0000
Fax: (618) 989-0001

QUANTITY SCHEDULES
F.A.U. ROUTE 9089
20TH STREET (PHASES II, III & IV)
GRANITE CITY, ILLINOIS
SECTION No. 04-00180-02-PV

SCALE: N.T.S.

NO.	DATE	BY	REMARKS

DSN. BY: BFK DATE: 12/26/06 SHEET: 14
DWN. BY: JJB DATE: 12/26/06
CHK'D: BFK DATE: 12/26/06
JOB NO. 030204 DGN. NAME: COMSCH OF 92 SHTS

MANHOLE AND INLET SCHEDULE (CONT.)

ID	LOCATION	INLET				MANHOLE						
		TYPE A			TYPE B	TYPE A						
		TY8 G (EACH)	TY11 F&G (EACH)	TY23 F&G (EACH)	TY11 F&G (EACH)	4' SPL TY1 F&CL (EACH)	4' TY1CL (EACH)	4' TY11 F&G (EACH)	5' TY11 F&G (EACH)	6' TY1CL (EACH)	6' TY11 F&G (EACH)	6' TY23 F&G (EACH)
T-84	STA. 133+67.66-35.45' LT	1										
T-85	STA. 134+40.43-21.29' RT								1			
T-86	STA. 135+19.43-21.29' RT								1			
T-87	STA. 136+74.71-21.30' RT								1			
T-88	STA. 137+47.71-21.30' RT								1			
T-89	STA. 137+46.13-22.45' LT				1							
T-90	STA. 137+46.13-35.00' LT	1										
T-91	STA. 138+20.71-21.29' RT								1			
T-92	STA. 139+06.36-21.30' RT								1			
T-93	STA. 139+06.36-21.29' LT				1							
T-94	STA. 138+93.71-35.00' LT	1										
T-95	STA. 139+73.95-21.78' RT							1				
T-96	STA. 139+64.02-22.45' LT				1							
T-97	STA. 139+64.02-35.00' LT	1										
T-98	STA. 140+58.27-26.30' RT				1							
T-99	STA. 141+42.86-28.13' RT								1			
T-100	STA. 141+47.42-25.23' LT				1							
T-101	STA. 142+46.56-30.12' LT				1							
T-102	STA. 143+29.88-49.79' LT				1							
T-103	STA. 143+63.53-78.92' LT				1							
T-104	STA. 142+05.13-32.18' RT				1							
T-105	STA. 142+89.87-37.57' RT				1							
T-106	STA. 143+38.18-59.15' RT				1							
T-107	STA. 143+46.49-48.06' LT								1			
SUBTOTAL		4	0	0	11	0	1	2	6	0	0	0
SUBTOTAL (PREVIOUS SCHD.)		7	6	1	26	1	4	8	1	1	8	1
TOTAL		11	6	1	37	1	5	10	7	1	8	1

DETECTOR LOOP REPLACEMENT SCHEDULE


LOCATION	DETECTOR LOOP REPLACEMENT (FOOT)
STA. 141+86.87-14.21' RT TO STA. 141+94.85-15.12' RT	23
STA. 141+85.73-21.11' RT TO STA. 141+93.73-25.02' RT	23
STA. 143+17.47-21.85' RT TO STA. 143+62.81-9.06' RT	156
STA. 143+37.11-29.12' RT TO STA. 143+61.75-45.46' RT	100
STA. 143+16.42-33.97' RT TO STA. 143+54.36-63.99' RT	158
STA. 143+53.55-49.40' LT TO STA. 143+74.49-70.67' RT	103
TOTAL	563

SEEDING SCHEDULE

LOCATION	SEEDING CLASS 1 (AC)	NITROGEN FERT NUTR (LB)	PHOSPHORUS FERT NUTR (LB)	POTASSIUM FERT NUTR (LB)	MULCH METHOD 2 (TON)
STA. 142+09.29-30.06' LT TO STA. 143+71.76-107.94' LT	0.5	45.0	45.0	45.0	1.0
TOTAL	0.5	45.0	45.0	45.0	1.0

SEWER LINING SCHEDULE

LOCATION	SEWER LINING, 51 INCH (FOOT)
STA. 110+05.32-10.79' RT TO STA. 126+39.53-9.87' RT	1635
TOTAL	1635

 Juneau Associates, Inc. P.C. CONSULTING ENGINEERS AND LAND SURVEYORS 2100 State Street, P.O. Box 1125 Granite City, Illinois 62040 Phone: (618) 925-1100 / (618) 925-1105 Fax: (618) 925-0941 1100 North Research Drive Granite City, Illinois 62040 Phone: (618) 925-0900 / (618) 925-0905 Fax: (618) 925-0941		QUANTITY SCHEDULES F.A.U. ROUTE 9089 20TH STREET (PHASES II, III & IV) GRANITE CITY, ILLINOIS SECTION No. 04-00180-02-PV																	
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: 12/26/06 SHEET: 18 DWN. BY: JJB DATE: 12/26/06 CHKD: BFK DATE: 12/26/06 DWG. NO. JOB NO. 030204 DGN. NAME: COMSCH OF 92 SHTS	
NO.	DATE	BY	REMARKS																

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

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


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9089	04-00180-02-PV	MADISON	92	21
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 97289				

CURB REMOVAL

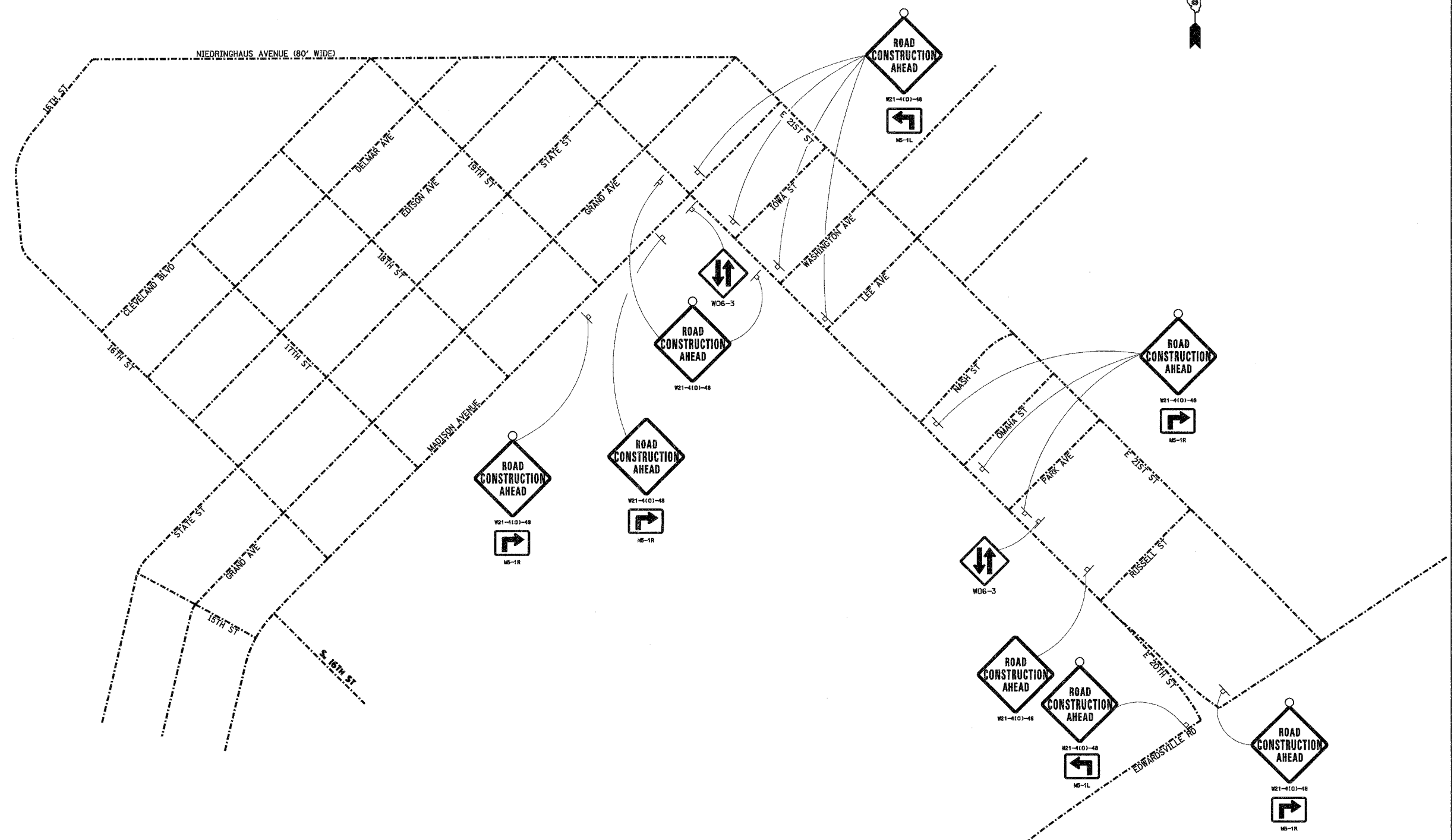
LOCATION	CURB TYPE B (FOOT)
STA. 110+34.87-24.22' RT TO STA. 111+37.39-23.70' RT	103
STA. 110+34.87-24.12' LT TO STA. 111+21.77-30.03' LT	91
STA. 111+41.89-29.95' LT TO STA. 111+60.82-30.37' LT	26
STA. 111+74.27-29.83' LT TO STA. 113+16.24-38.00' LT	150
STA. 111+82.54-23.96' RT TO STA. 122+43.00-24.72' RT	1060
STA. 113+44.35-38.00' LT TO STA. 115+25.71-29.92' LT	191
STA. 115+60.48-30.17' LT TO STA. 116+37.01-38.00' LT	89
STA. 116+73.26-38.00' LT TO STA. 120+45.81-30.16' LT	384
STA. 120+66.80-30.21' LT TO STA. 122+02.79-25.89' LT	140
STA. 122+17.51-25.89' LT TO STA. 122+51.02-25.36' LT	34
STA. 122+70.52-25.96' LT TO STA. 122+86.64-35.58' LT	21
STA. 123+49.04-25.45' LT TO STA. 126+02.44-25.42' LT	253
STA. 123+75.79-24.30' RT TO STA. 126+03.00-24.56' RT	227
STA. 126+42.79-39.33' RT TO STA. 129+37.01-38.66' RT	312
STA. 126+44.07-40.00' LT TO STA. 129+37.20-38.88' LT	309
STA. 129+73.04-38.01' RT TO STA. 132+39.04'-24.81' RT	76
STA. 129+73.34-41.00' LT TO STA. 132+63.92-31.18' LT	304
STA. 130+77.59-30.22' RT TO STA. 131+28.31-29.68' RT	58
STA. 131+66.45-24.70' RT TO STA. 131+95.36-24.72' RT	29
STA. 132+13.50-24.65' RT TO STA. 132+65.87-37.30' RT	60
STA. 132+97.55-31.03' LT TO STA. 133+20.42-23.98' LT	26
STA. 132+96.94-30.06' RT TO STA. 133+16.10-24.10' RT	21
STA. 133+52.46-24.08' LT TO STA. 135+87.77-29.58' LT	237
STA. 133+93.96-24.59' RT TO STA. 135+89.20-32.89' RT	199
STA. 136+19.80-35.47' RT TO STA. 139+13.42-30.20' RT	301
STA. 136+22.84-29.58' LT TO STA. 139+15.22-38.46' LT	303
STA. 139+44.24-38.47' LT TO STA. 141+56.06-27.43' LT	221
STA. 139+47.23-30.28' RT TO STA. 139+60.88-24.65' RT	16
STA. 139+96.26-24.18' RT TO STA. 140+73.81-25.82' RT	77
STA. 141+08.00-27.00' RT TO STA. 141+47.95-28.73' RT	40
STA. 141+84.09-30.59' RT TO STA. 142+19.02-32.53' RT	35
STA. 142+02.88-28.94' LT TO STA. 142+56.23-33.55' LT	54
STA. 142+43.09-34.61' RT TO STA. 142+56.31-126.52' RT	172
STA. 143+06.06-40.78' LT TO STA. 143+69.99-108.48' LT	110
STA. 143+61.66-45.77' LT TO STA. 143+71.96-40.86' LT	12
STA. 143+71.96-40.86' LT TO STA. 143+73.31-57.39' LT	17
STA. 143+61.66-45.77' LT TO STA. 143+73.31-57.39' LT	17
STA. 143+51.44-25.79' RT TO STA. 143+65.47-19.59' RT	15
STA. 143+51.44-25.79' RT TO STA. 143+63.80-35.90' RT	16
STA. 143+63.80-35.90' RT TO STA. 143+65.47-19.59' RT	16
TOTAL	5822

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

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

 Juneau Associates, Inc. P.C. CONSULTING ENGINEERS AND LAND SURVEYORS <small>2102 State Street, P.O. Box 1335 Granite City, Illinois 62040 Phone: (618) 877-4000/(618) 872-8235 Fax: (618) 872-8241</small>		QUANTITY SCHEDULES F.A.U. ROUTE 9089 20TH STREET (PHASES II, III & IV) GRANITE CITY, ILLINOIS SECTION No. 04-00180-02-PV									
REVISIONS <table border="1"> <tr> <th>NO.</th> <th>DATE</th> <th>BY</th> <th>REMARKS</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>		NO.	DATE	BY	REMARKS					SCALE: N.T.S.	
NO.	DATE	BY	REMARKS								
DSN. BY: BFK DWN. BY: JJB CHKD: BFK		DATE: 12/26/06 DATE: 12/26/06 DATE: 12/26/06									
DWG. NO.		JOB NO. 030204 DGN. NAME: COMSCH OF 92 SHTS									
		SHEET 21									

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9089	04-00180-02-PV	MADISON	92	22
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 97289				



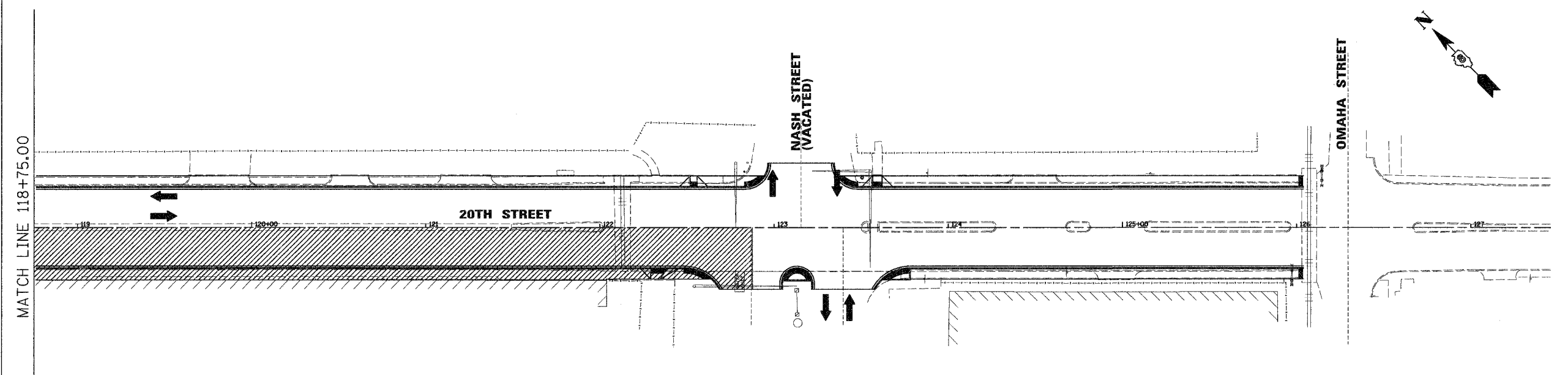
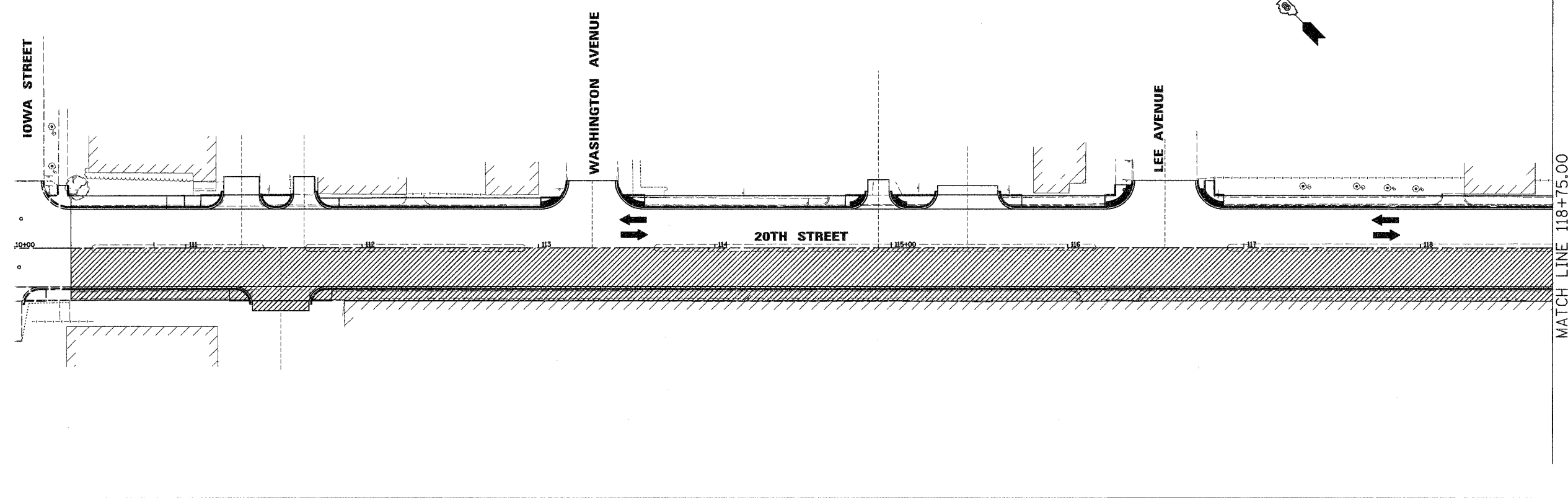
Juneau Associates, Inc. P.C.
CONSULTING ENGINEERS AND LAND SURVEYORS
2100 State Street, P.O. Box 1205
Granite City, Illinois 62040
Phone: (618) 968-9600/9601/9602
Fax: (618) 962-9541


100 North Research Drive
Edwardsville, Illinois 62025
Phone: (618) 968-9600/9601/9602
Fax: (618) 962-9541

ADVANCED WARNING SIGNS
20TH STREET (PHASES II, III & IV)
GRANITE CITY, ILLINOIS
SECTION No. 04-00180-02-PV

REVISIONS				SCALE:	
NO.	DATE	BY	REMARKS	N.T.S.	
				DSN. BY:	WRC DATE: 12/26/06
				DWN. BY:	WRC DATE: 12/26/06
				CHK'D:	BFK DATE: 12/26/06
				JOB NO. E030204	DGN. NAME: WNSIGN01 OF 92 SHTS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9089	04-00180-02-PV	MADISON	92	23
FED. ROAD DIST. NO.	ILLINOIS		FED. AID PROJECT	
CONTRACT NO. 87298				



 COMPLETED DURING THIS STAGE

PHASE 1

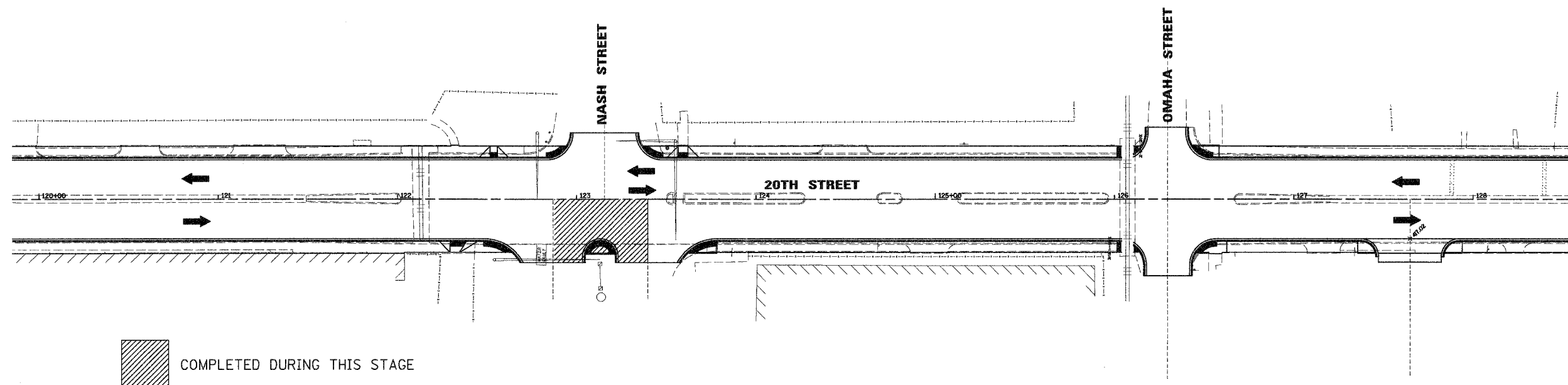
Juneau Associates, Inc. P.C.
CONSULTING ENGINEERS AND LAND SURVEYORS
2100 State Street, P.O. Box 1285
Granite City, IL 62041
Phone: (618) 852-4545 Fax: (618) 852-4541

STAGE 1 CONSTRUCTION
PHASE 1
20TH STREET (PHASES II, III & IV)
GRANITE CITY, ILLINOIS
SECTION No. 04-00180-02-PV


REVISIONS			
NO.	DATE	BY	REMARKS

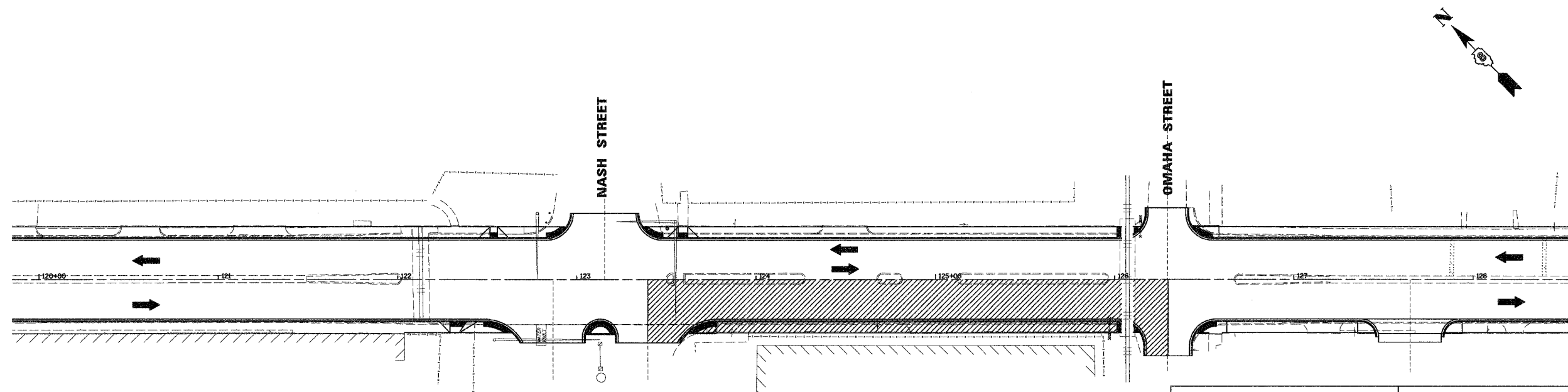
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DWG. NO.	JOB NO. E030204	DGN. NAME: STAGE 28	OF 92 SHTS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9089	04-00180-02-PV	MADISON	92	24
FED. ROAD DIST. NO. _		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 87299				




PHASE 2

 COMPLETED DURING THIS STAGE



PHASE 3

 COMPLETED DURING THIS STAGE

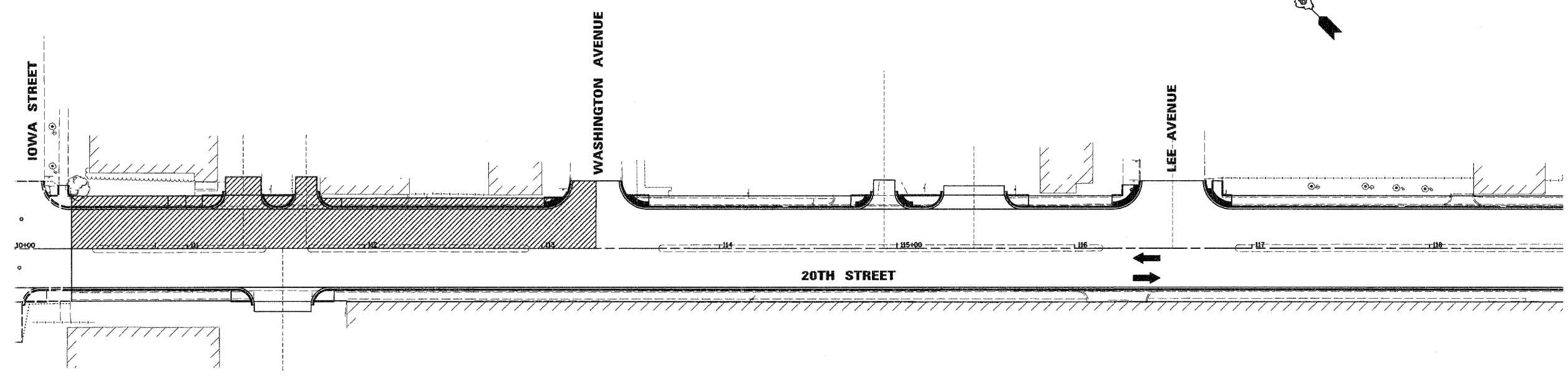
Juneau Associates, Inc. P.C.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 2100 State Street, P.O. Box 1335
 Granite City, Illinois 62040
 Phone: (618) 887-1400 / (618) 882-0235
 Fax: (618) 882-0541


STAGE 1 CONSTRUCTION
 PHASE 2 & PHASE 3
 20TH STREET (PHASES II, III & IV)
 GRANITE CITY, ILLINOIS
 SECTION No. 04-00180-02-PV

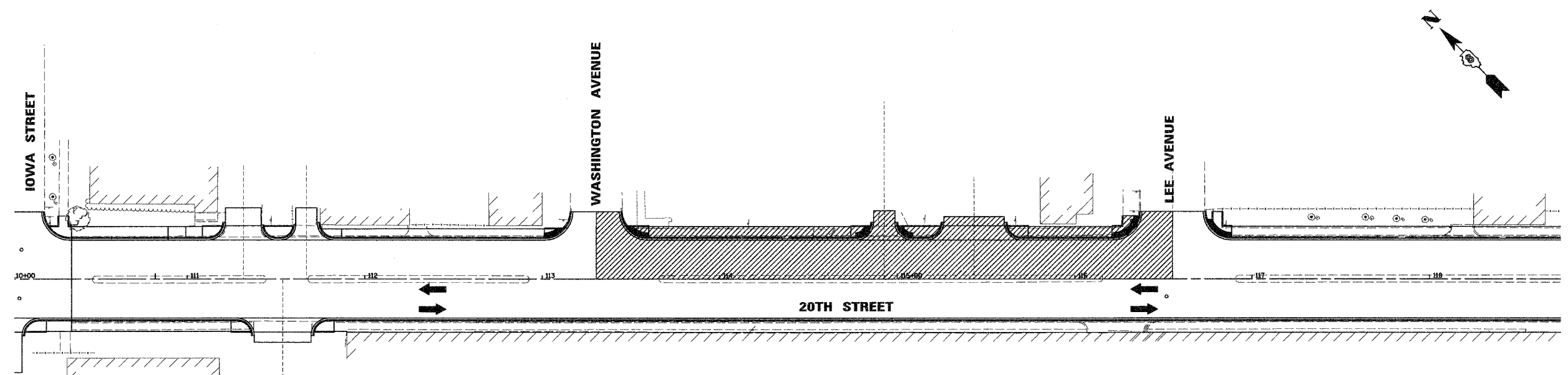
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NO.	DATE	BY	REMARKS


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CHK'D: BFK	DATE: 12/26/06	
JOB NO. E030204	DGN. NAME: STAGE 2C	OF 92 SHTS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9089	04-00180-02-PV	MADISON	92	25
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
CONTRACT NO. 97299				



PHASE 4  COMPLETED DURING THIS STAGE



PHASE 5  COMPLETED DURING THIS STAGE

Jineau Associates, Inc. P.C.
CONSULTING ENGINEERS AND LAND SURVEYORS
2100 State Street, P.O. Box 1325
Granite City, Illinois 62040
Phone: (618) 652-1400 / (618) 652-0335
Fax: (618) 652-0541

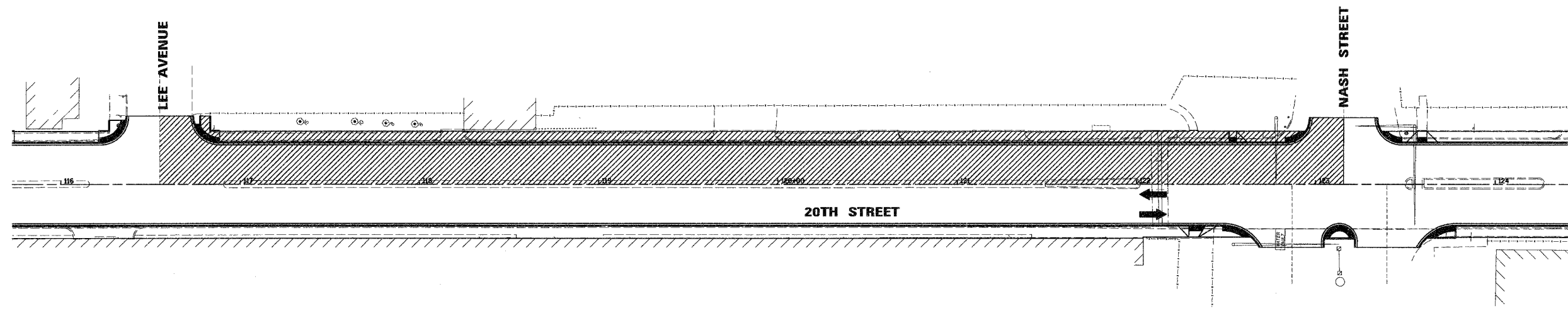
STAGE 1 CONSTRUCTION
PHASE 4 & PHASE 5
20TH STREET (PHASES II, III & IV)
GRANITE CITY, ILLINOIS
SECTION NO. 04-00180-02-PV

REVISIONS			
NO.	DATE	BY	REMARKS


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DWN. BY:	WRC	DATE:	12/26/06
CHKD:	BFK	DATE:	12/26/06
DWG. NO.	E030204	DGN. NAME:	STAGE 2A OF 92 SHTS

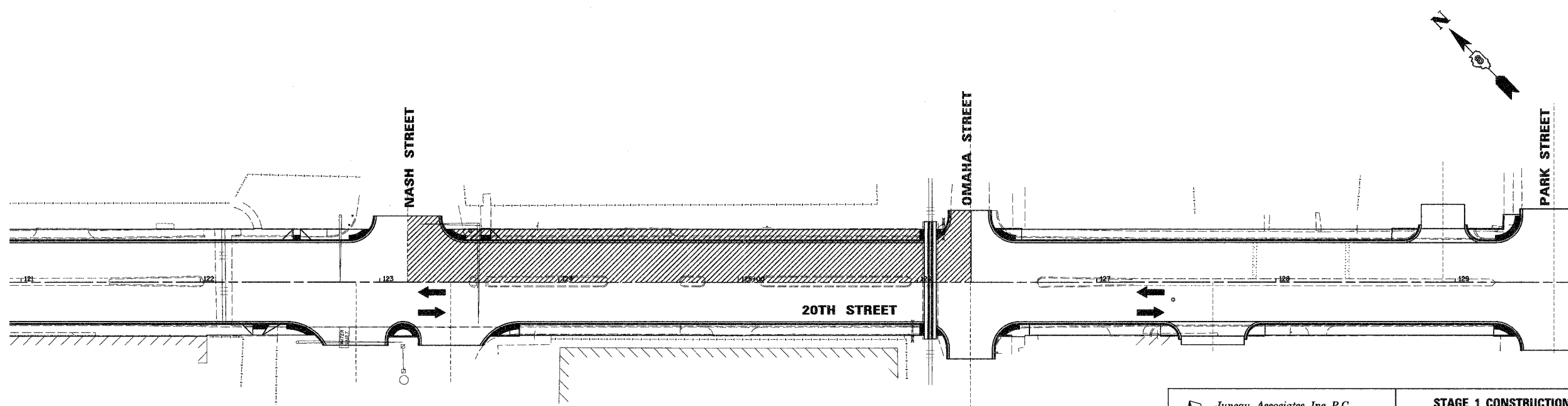
SHEET 25

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9089	04-00180-02-PV	MADISON	92	26
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 97299				




PHASE 6

 COMPLETED DURING THIS STAGE



PHASE 7

 COMPLETED DURING THIS STAGE

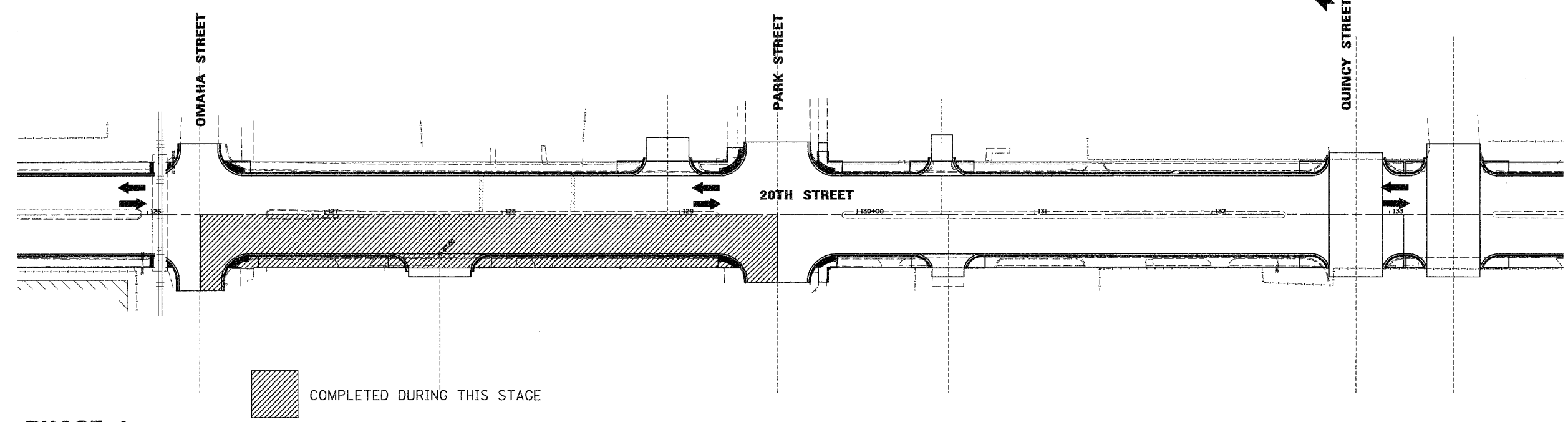
Juneau Associates, Inc. P.C.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 2700 State Street, P.O. Box 1229
 Granite City, Illinois 62040
 Phone: (618) 952-9900 / (618) 952-9935
 Fax: (618) 952-9541

STAGE 1 CONSTRUCTION
PHASE 6 & PHASE 7
20TH STREET (PHASES II, III & IV)
GRANITE CITY, ILLINOIS
SECTION NO. 04-00180-02-PV


REVISIONS			
NO.	DATE	BY	REMARKS

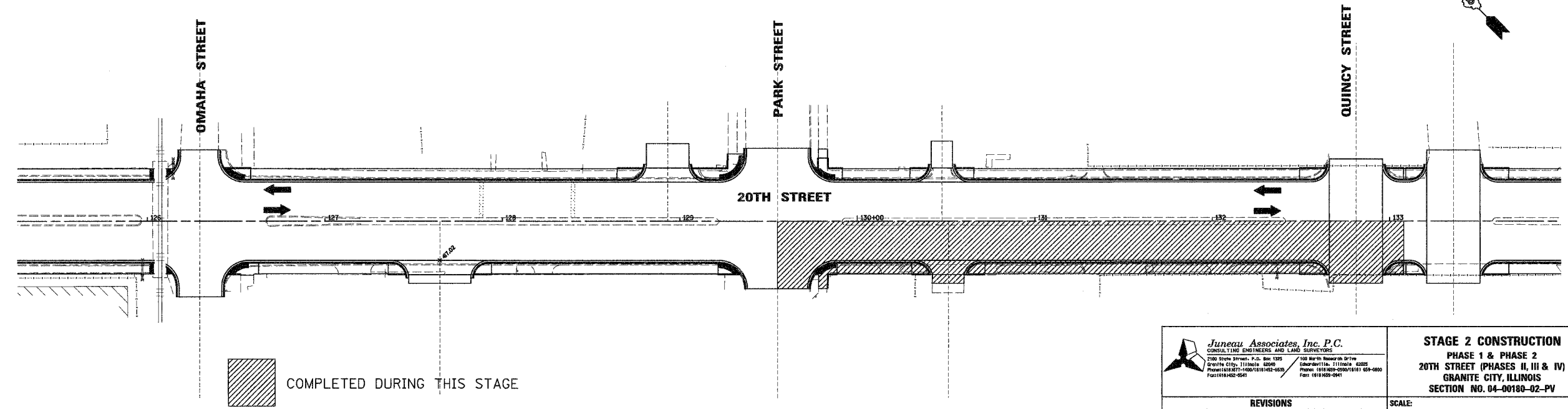
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CHKD. BY:	BFK	DATE:	12/26/06
DWG. NO.	E030204	DGN. NAME:	STAGE 2A
SHEET		26	
OF 92 SHEETS			

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9089	04-00180-02-PV	MADISON	92	27
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
CONTRACT NO. 97299				




PHASE 1

 COMPLETED DURING THIS STAGE



PHASE 2

 COMPLETED DURING THIS STAGE

Juneau Associates, Inc. P.C.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 2100 State Street, P.O. Box 1325
 Granite City, Illinois 62040
 Phone: (618) 952-1422-2635
 Fax: (618) 952-0541

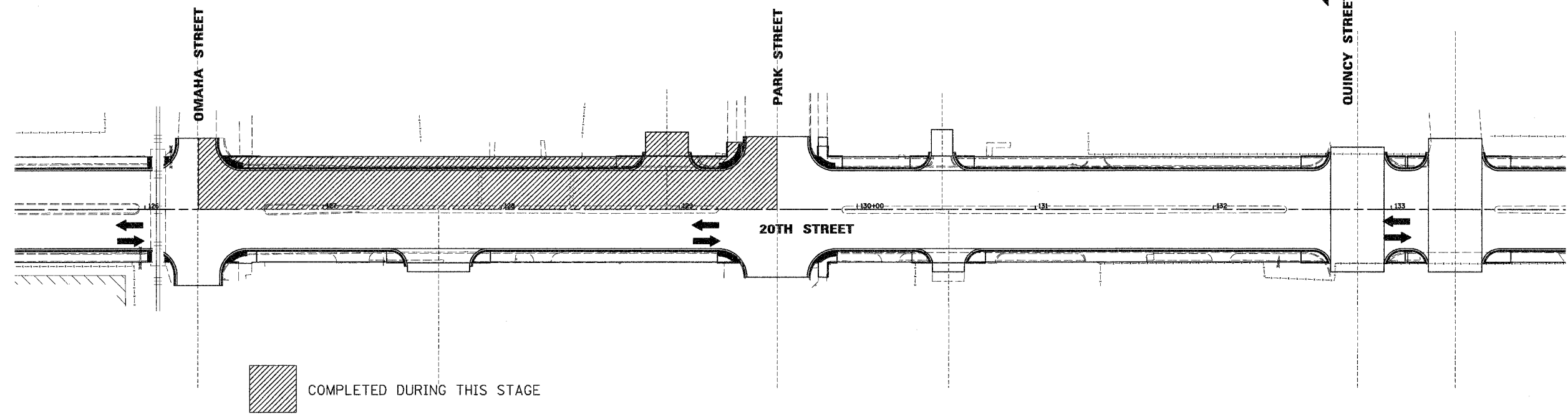
STAGE 2 CONSTRUCTION
 PHASE 1 & PHASE 2
 20TH STREET (PHASES II, III & IV)
 GRANITE CITY, ILLINOIS
 SECTION NO. 04-00180-02-PV

REVISIONS			
NO.	DATE	BY	REMARKS


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CHKD:	BFK	DATE:	12/26/06
DWG. NO.	JOB NO. E030204 DGN. NAME: STAGE 2D OF 92 SHTS		

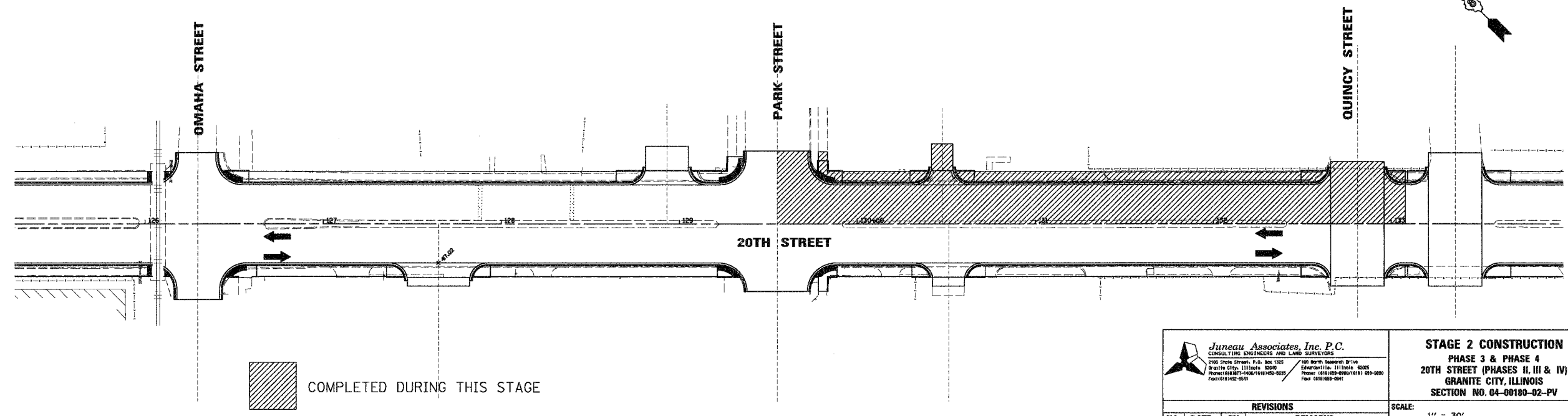
SHEET 27

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 87299				





PHASE 3

 COMPLETED DURING THIS STAGE

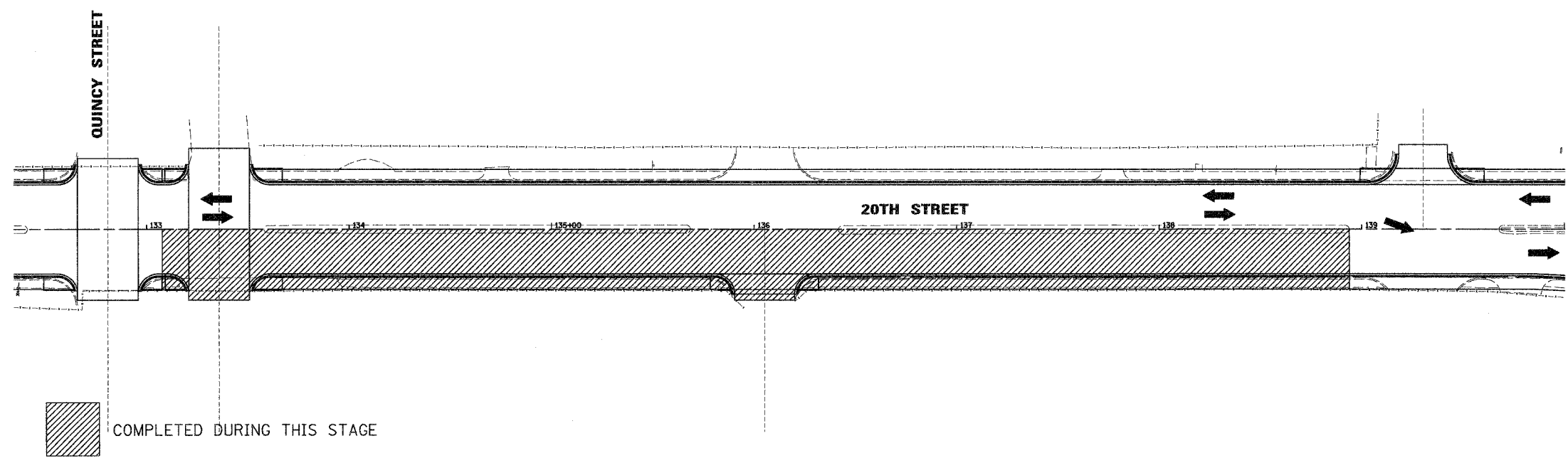


PHASE 4

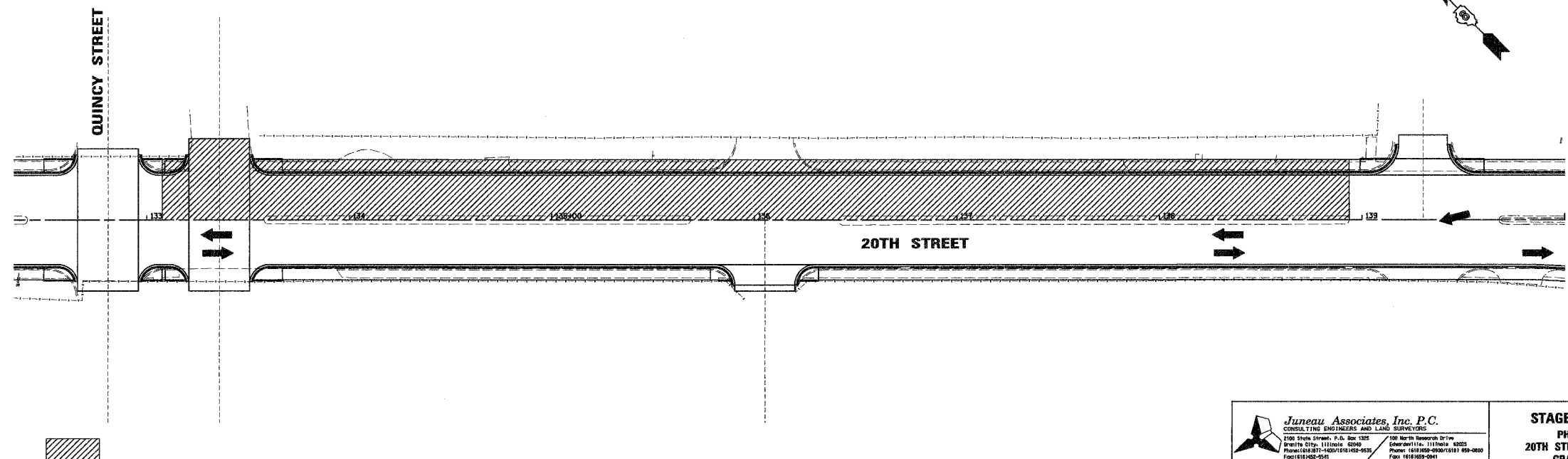
 COMPLETED DURING THIS STAGE

 Juneau Associates, Inc. P.C. <small>CONSULTING ENGINEERS AND LAND SURVEYORS</small> 2102 20th Street, P.O. Box 1025 Granite City, Illinois 62040 Phone: (618) 887-4400 / (618) 887-4405 Fax: (618) 887-4401		STAGE 2 CONSTRUCTION PHASE 3 & PHASE 4 20TH STREET (PHASES II, III & IV) GRANITE CITY, ILLINOIS SECTION NO. 04-00180-02-PV																					
<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													SCALE: 1" = 30' DSN. BY: WRC DATE: 12/26/06 SHEET DWG. BY: WRC DATE: 12/26/06 28 CHK'D: BFK DATE: 12/26/06 JOB NO. E030204 DGN. NAME: STAGE 20 OF 92 SHTS	
REVISIONS																							
NO.	DATE	BY	REMARKS																				

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9089	04-00180-02-PV	MADISON	92	29
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
CONTRACT NO. 97299				



PHASE 1



PHASE 2

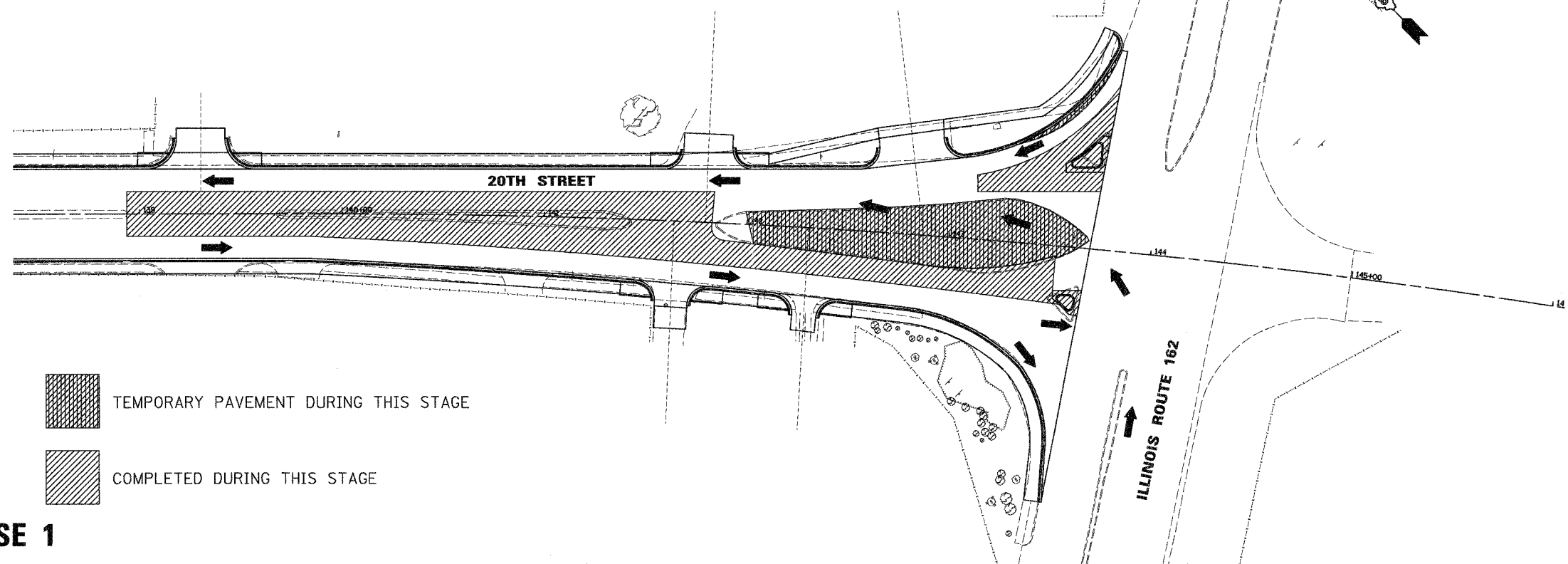
Jureau Associates, Inc. P.C.
CONSULTING ENGINEERS AND LAND SURVEYORS
2700 State Street, P.O. Box 1305
Granite City, Illinois 62040
Phone: (618) 952-1400 / (618) 952-4635
Fax: (618) 952-0541



STAGE 3 CONSTRUCTION
PHASE 1 & PHASE 2
20TH STREET (PHASES II, III & IV)
GRANITE CITY, ILLINOIS
SECTION NO. 04-00180-02-PV

REVISIONS			
NO.	DATE	BY	REMARKS

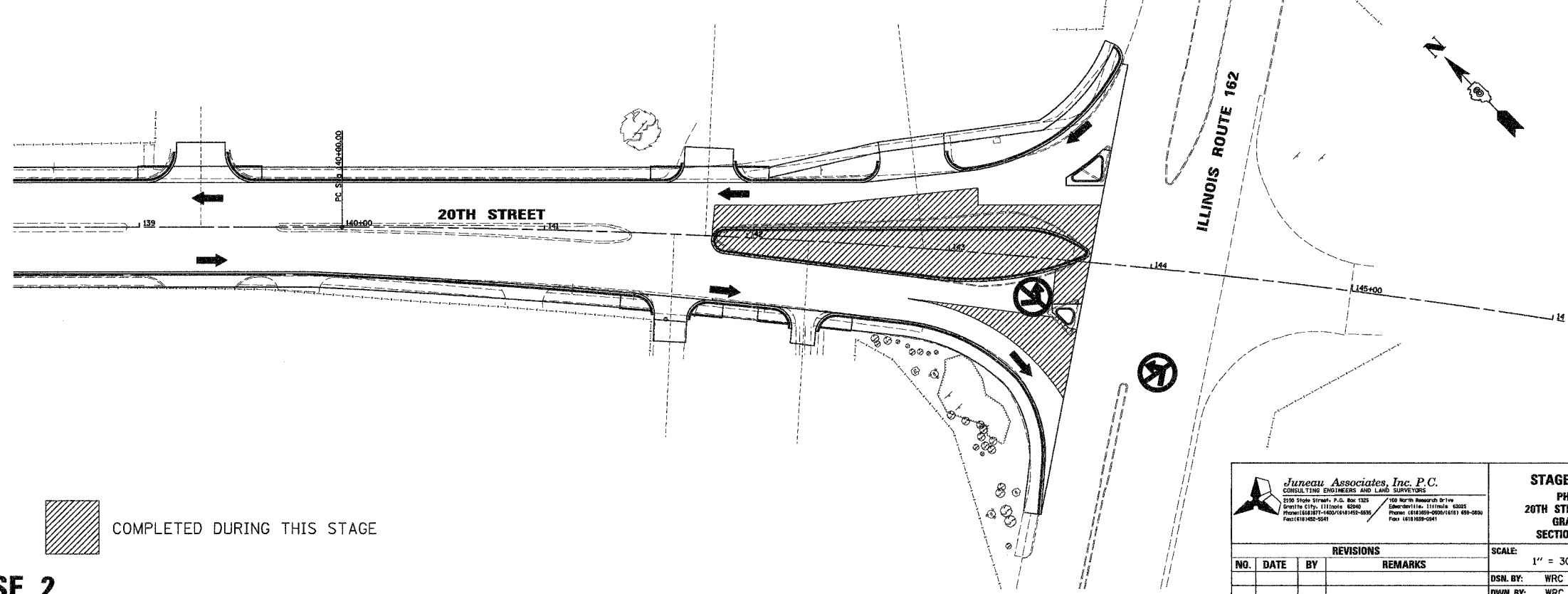
SCALE: 1" = 30'		
DSN. BY: WRC	DATE: 12/26/06	SHEET
DWN. BY: WRC	DATE: 12/26/06	29
CHK'D: BFK	DATE: 12/26/06	
DWG. NO.	JOB NO. E030204	DGN. NAME: STAGE 2H OF 92 SHTS


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9089	04-00180-02-PV	MADISON	92	30
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
CONTRACT NO. 97295				




 TEMPORARY PAVEMENT DURING THIS STAGE
 COMPLETED DURING THIS STAGE

PHASE 1

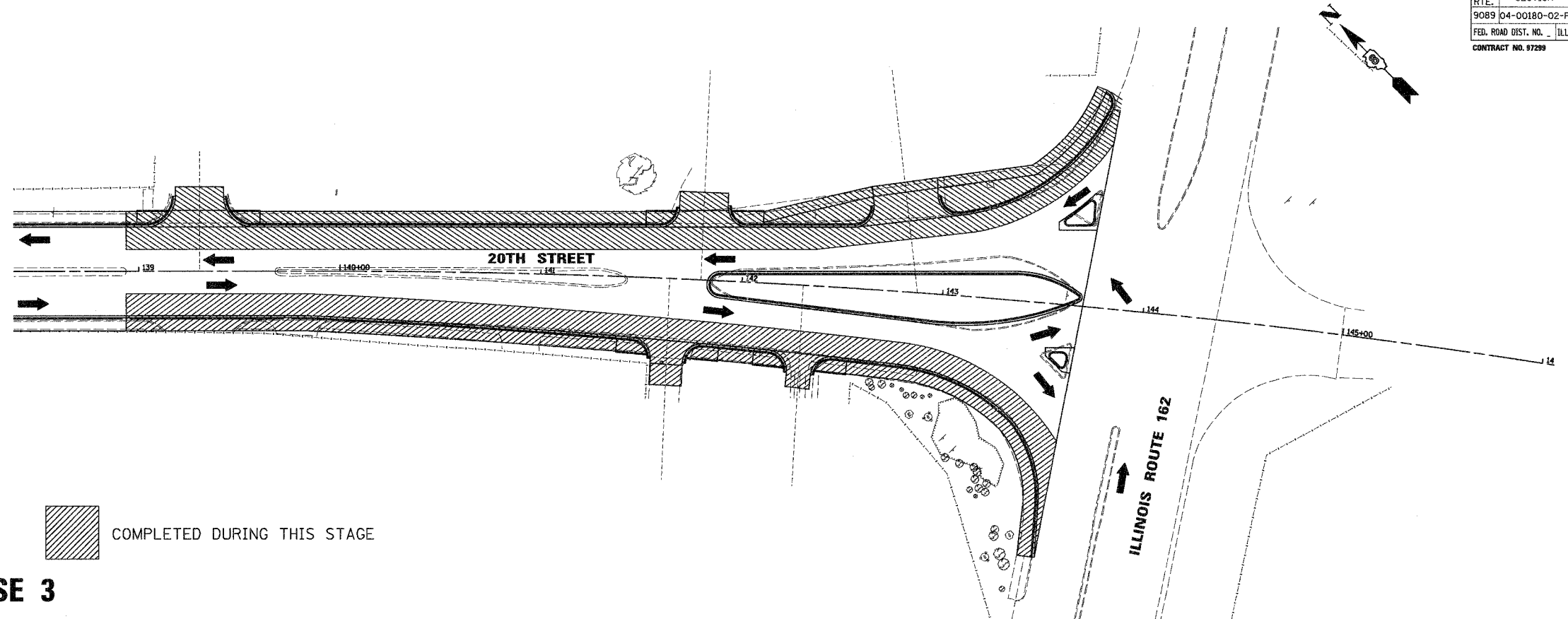



 COMPLETED DURING THIS STAGE

PHASE 2


 Juneau Associates, Inc. P.C. CONSULTING ENGINEERS AND LAND SURVEYORS <small>2128 State Street, P.O. Box 1215 Granite City, Illinois 62040 Phone: (618) 939-0200 Fax: (618) 939-0241</small>		STAGE 3 CONSTRUCTION PHASE 1 & PHASE 2 20TH STREET (PHASES II, III & IV) GRANITE CITY, ILLINOIS SECTION NO. 04-00180-02-PV																					
<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													SCALE: 1" = 30' SHEET 30 OF 92 SHTS	
REVISIONS																							
NO.	DATE	BY	REMARKS																				
DSN. BY: WRC DATE: 12/26/06 DWN. BY: WRC DATE: 12/26/06 CHK'D: BFK DATE: 12/26/06 DWG. NO.		JOB NO. E030204 DGN. NAME: STAGE 21 OF 92 SHTS																					

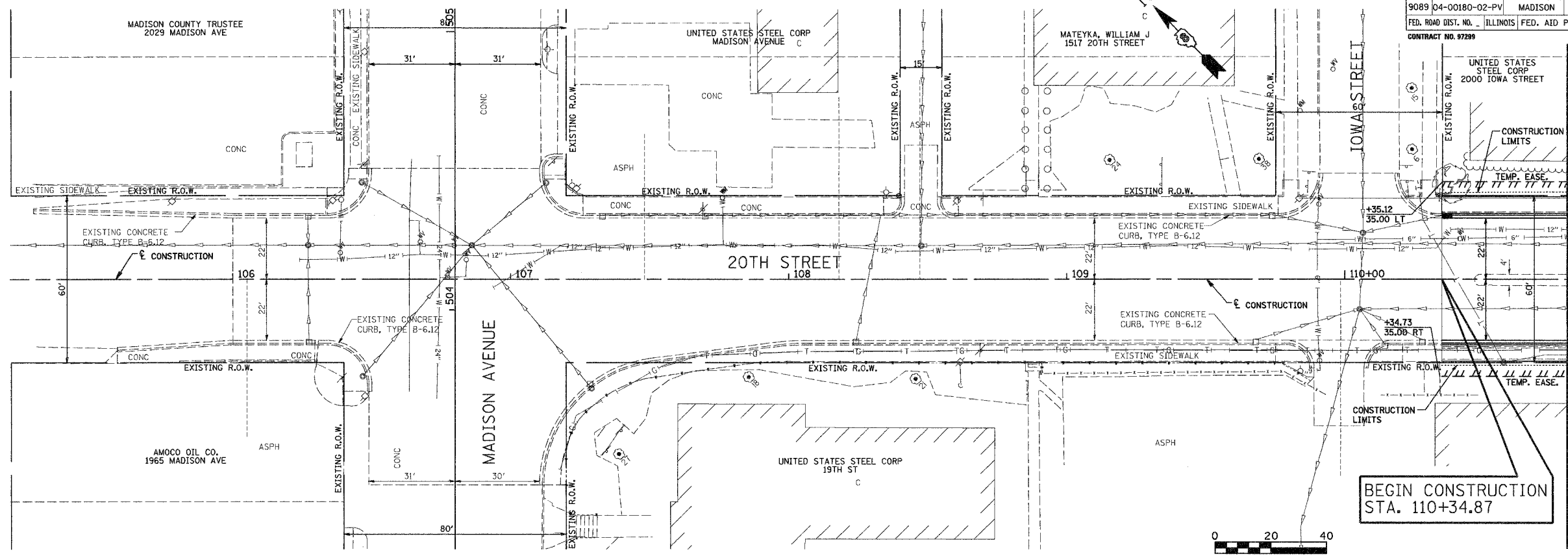
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9089	04-00180-02-PV	MADISON	92	31
FED. ROAD DIST. NO. - ILLINOIS		FED. AID PROJECT		
CONTRACT NO. 97299				



 COMPLETED DURING THIS STAGE

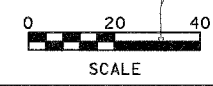
PHASE 3

 Juneau Associates, Inc. P.C. <small>CIVIL, TIME ENGINEERS AND LAND SURVEYORS</small> <small>2100 State Street, P.O. Box 1205 Granite City, Illinois 62040 Phone: (618) 952-1277-1452-9235 Fax: (618) 952-9541</small>		STAGE 3 CONSTRUCTION PHASE 1 & PHASE 2 20TH STREET (PHASES II, III & IV) GRANITE CITY, ILLINOIS SECTION NO. 04-00180-02-PV																					
<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													SCALE: 1" = 30' DSN. BY: WRC DATE: 12/26/06 SHEET DWN. BY: WRC DATE: 12/26/06 31 CHK'D: BFK DATE: 12/26/06 DWG. NO. JOB NO. E030204 DGN. NAME: STAGE 2J OF 92 SHTS	
REVISIONS																							
NO.	DATE	BY	REMARKS																				



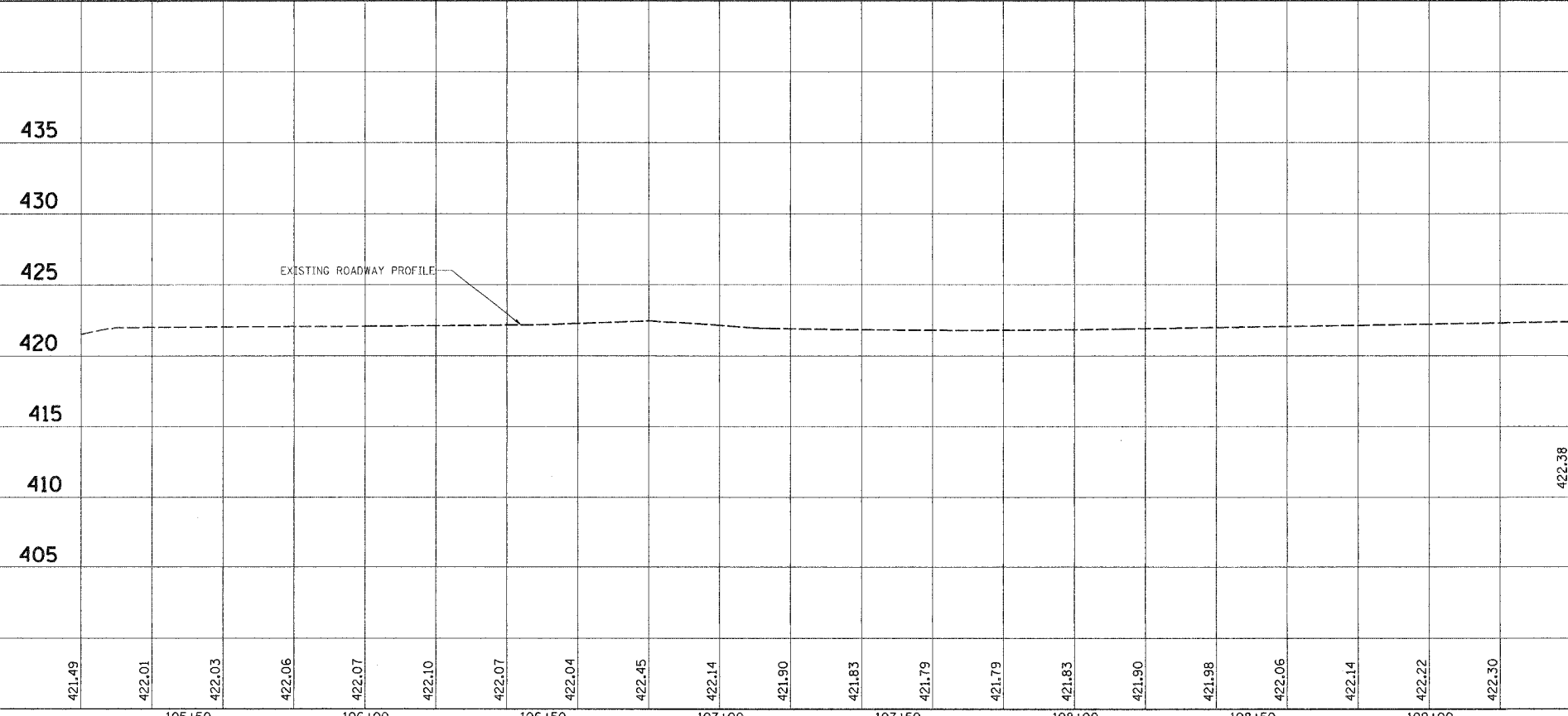
MATCH LINE STA. 110+80.00

BEGIN CONSTRUCTION
STA. 110+34.87



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

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



TBM - "M" IN MUELLER ON FIRE HYDRANT AT
 NORTHWEST CORNER OF MADISON AVE. AND
 20TH STREET NEAR WALGREENS
 ELEV.=424.51

PROPOSED ROADWAY PROFILE

EXISTING ROADWAY PROFILE

421.49	422.01	422.03	422.06	422.07	422.10	422.07	422.04	422.45	422.14	421.90	421.83	421.79	421.79	421.83	421.90	421.98	422.06	422.14	422.22	422.30	422.38	422.46	422.54	422.62	422.70	423.10	422.78	423.07	422.86	423.10	422.94								
																						109+50								110+00								110+50	

Plan and Profile
 F.A.U. ROUTE 9089
 20TH STREET (PHASES II, III & IV)
 GRANITE CITY, ILLINOIS
 SECTION No. 04-00180-02-PV

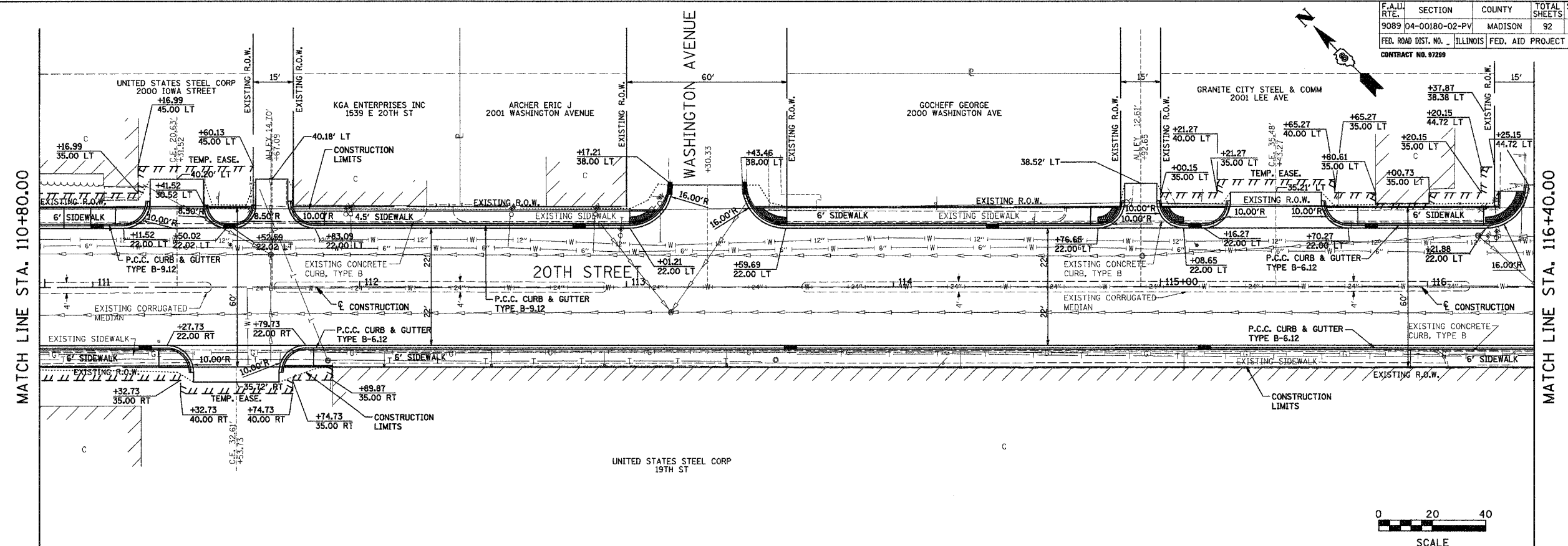
SCALE:
 1 Inch = 20 feet

NO.	DATE	BY	REVISIONS	REMARKS

DSN BY: BFK	DATE: 12/26/06	SHEET
DWN BY: DAN	DATE: 12/26/06	32
CHKD BY: BFK	DATE: 12/26/06	
DWG. NO.		JOB NO. E030204
		DGN. NAME: PLAN_01
		OF 92 SHTS

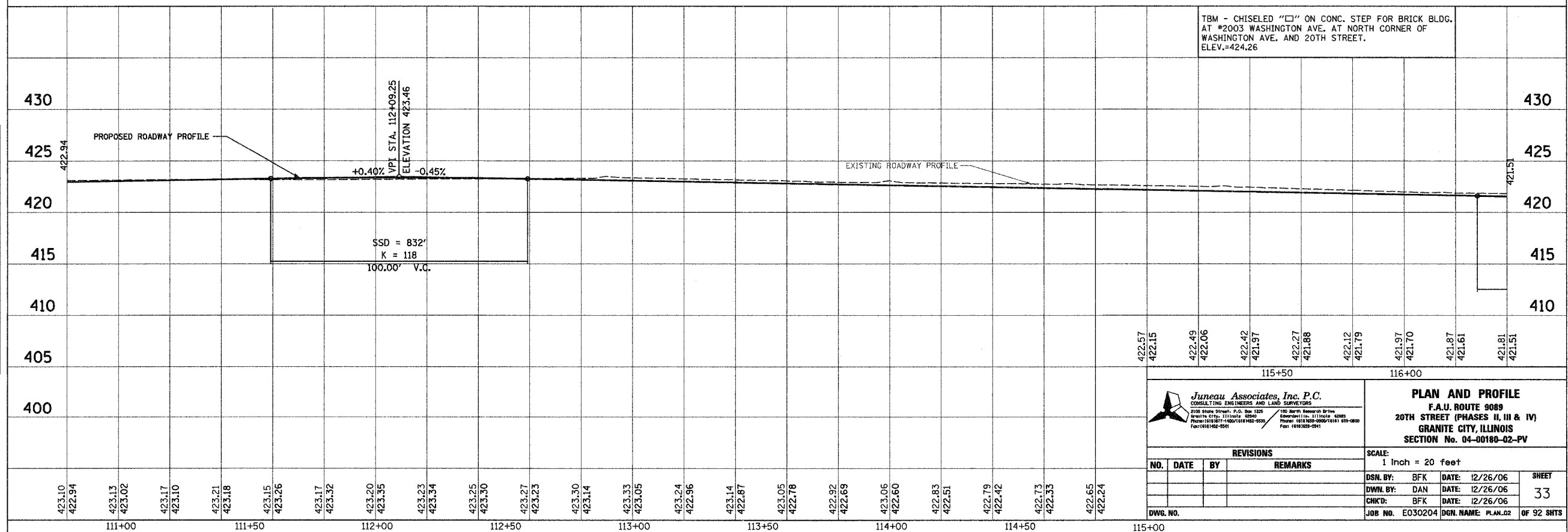
Juneau Associates, Inc. P.C.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 2105 State Street, P.O. Box 6700
 Granite City, Illinois 62040
 Phone: 618/667-4600 FAX: 618/667-0000
 Fax: 618/667-5541

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9089	04-00180-02-PV	MADISON	92	33
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 97299				



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

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



Juneau Associates, Inc. P.C.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 205 Stone Street, P.O. Box 125
 Granite City, Illinois 62040
 Phone: (618) 962-9500 Fax: (618) 962-9511

PLAN AND PROFILE
 F.A.U. ROUTE 9089
 20TH STREET (PHASES II, III & IV)
 GRANITE CITY, ILLINOIS
 SECTION No. 04-00180-02-PV

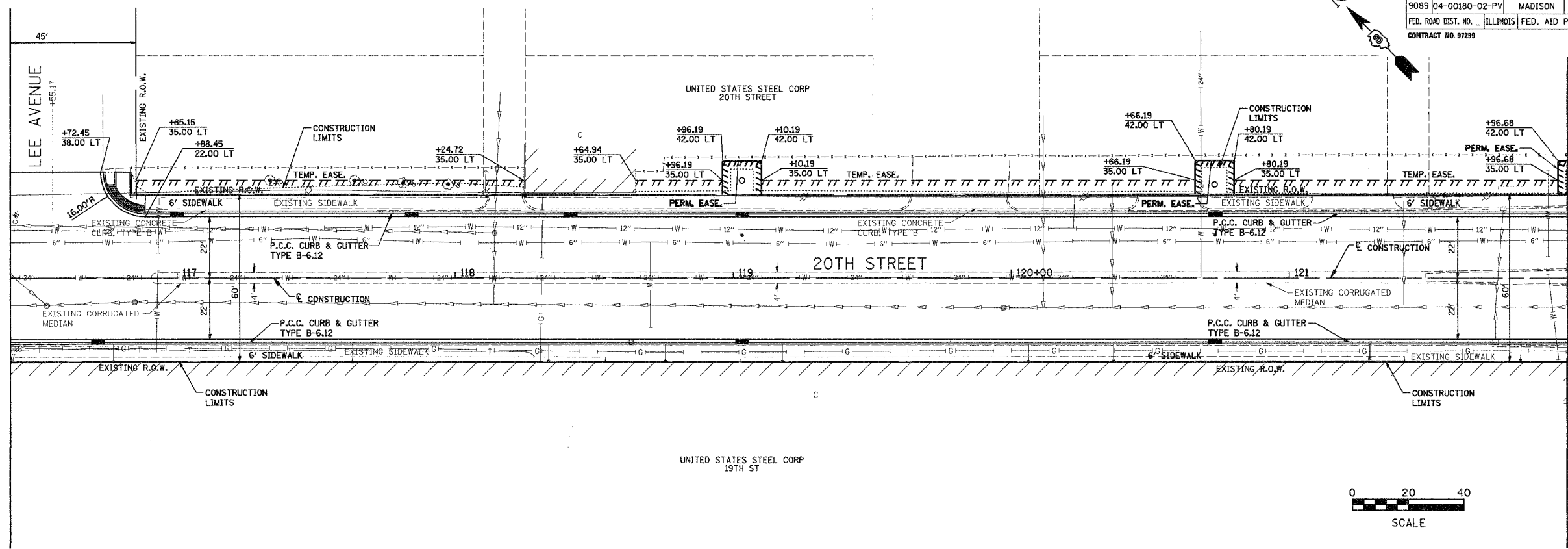
SCALE: 1 Inch = 20 feet

REVISIONS			
NO.	DATE	BY	REMARKS

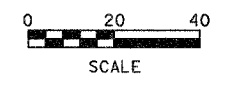
DSN. BY: BFK	DATE: 12/26/06	SHEET 33	
DWN. BY: DAN	DATE: 12/26/06		
CHKD: BFK	DATE: 12/26/06		
DWG. NO.	JOB NO. E030204	DGN. NAME: PLAN.02	OF 92 SHTS

FINAL SURVEYED SURVEY PLOTTED NOTE BOOK TEMPLATE AREAS CHECKED NO.

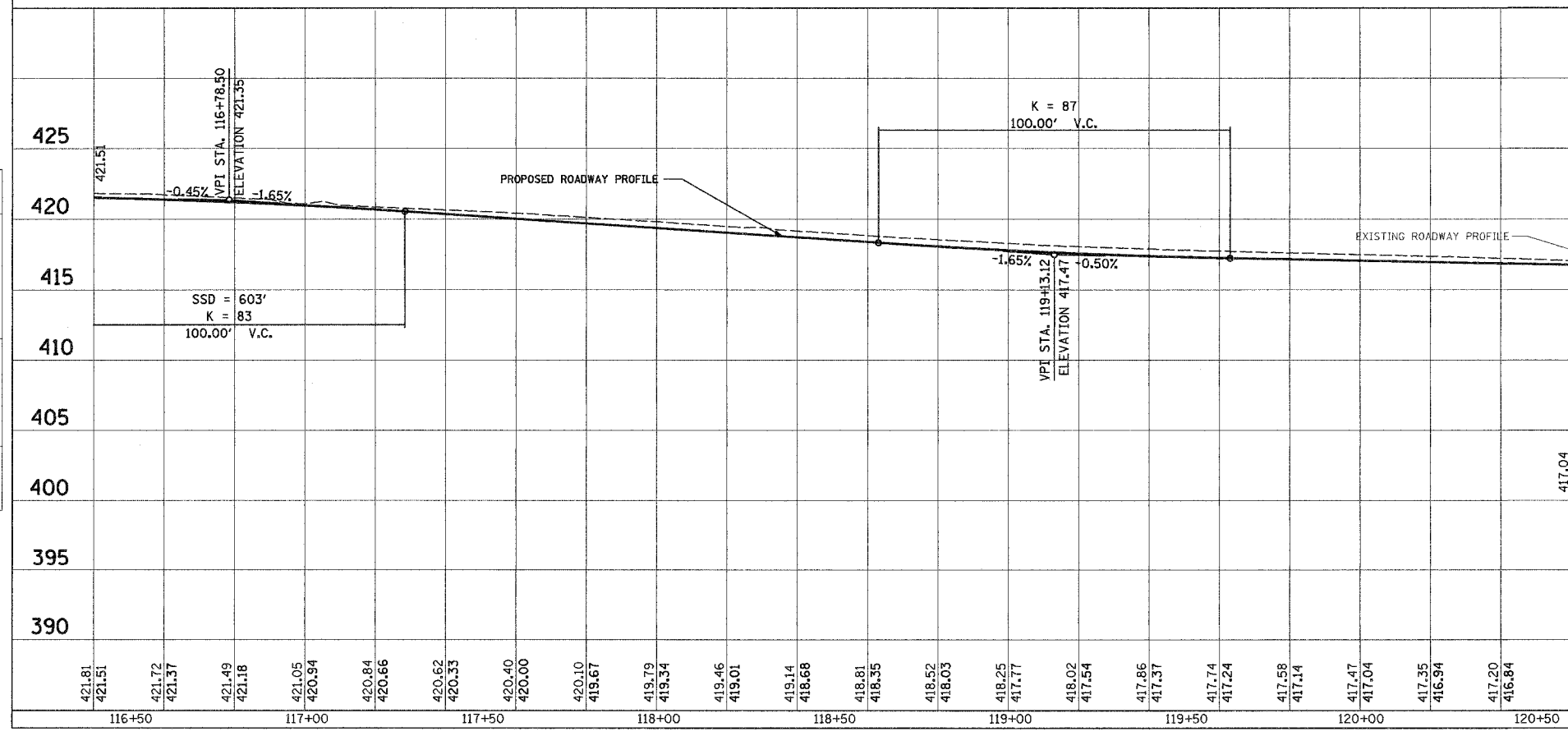
MATCH LINE STA. 116+40.00



MATCH LINE STA. 122+00.00



ORIGINAL SURVEYED SURVEY PLOTTED NOTE BOOK TEMPLATE AREAS CHECKED NO.



TBM - "M" IN MUELLER ON FIRE HYDRANT AT THE CORNER OF LEE AVE. AND 20TH STREET IN FRONT OF GRANITE CITY STEEL CREDIT UNION ELEV.=423.91



PLAN AND PROFILE
F.A.U. ROUTE 9089
20TH STREET (PHASES II, III & IV)
GRANITE CITY, ILLINOIS
SECTION No. 04-00180-02-PV

NO.		DATE	BY	REMARKS

SCALE:
 1 Inch = 20 feet

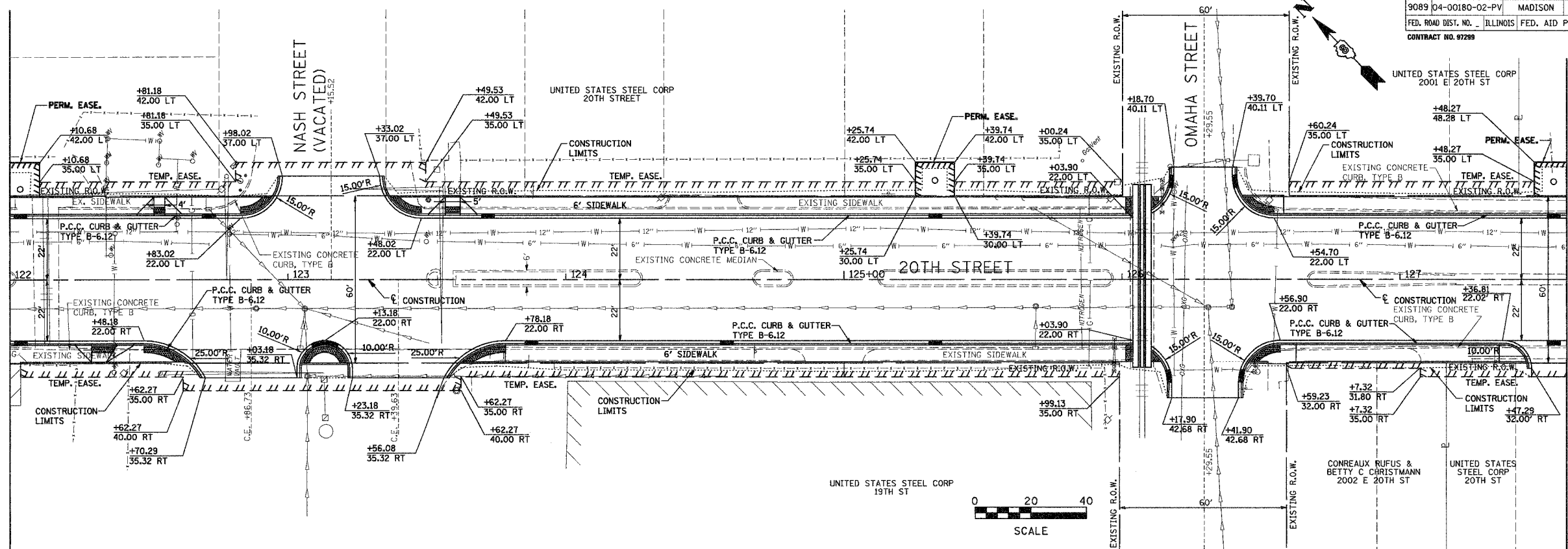
DSN. BY: BFK DATE: 12/26/06
 DWN. BY: DAN DATE: 12/26/06
 CHKD: BFK DATE: 12/26/06

DWG. NO. JOB NO. E030204 DGN. NAME: PLAN.03 OF 92 SHTS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9089 04-00180-02-PV		MADISON	92	35
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 97299				

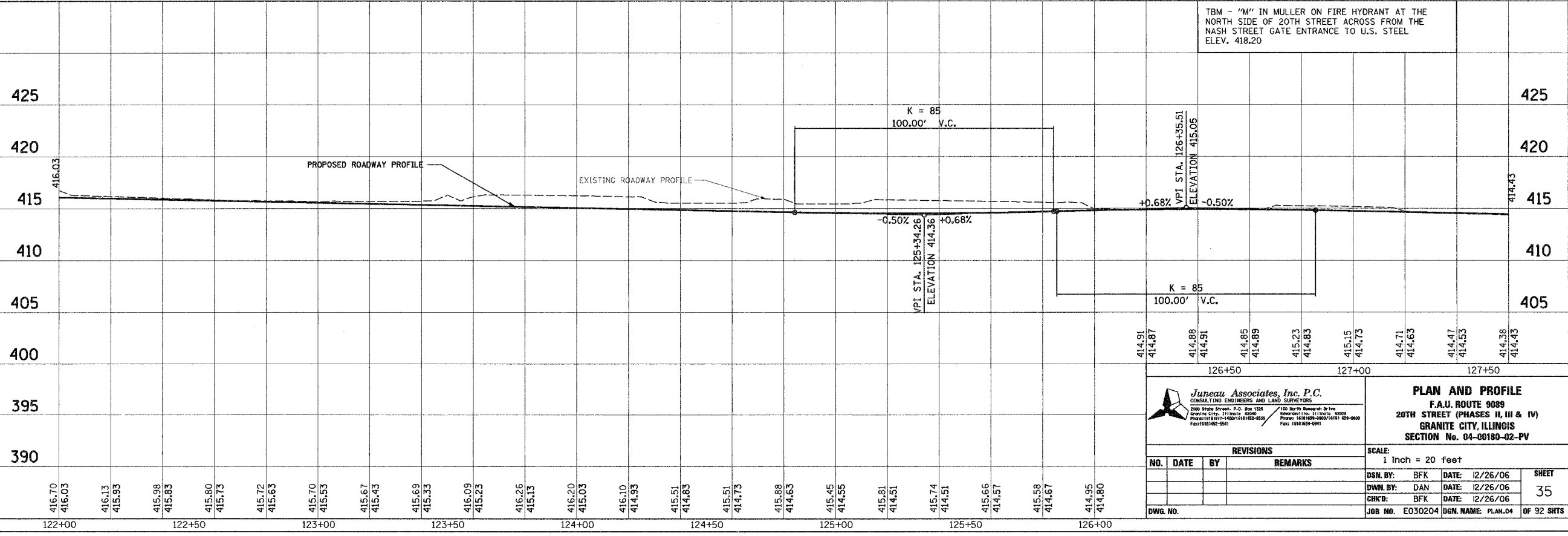
FINAL SURVEY PLOTTED	DATE
NOTE BOOK TEMPLATE	
AREAS CHECKED	
NO.	

MATCH LINE STA. 122+00.00



MATCH LINE STA. 127+60.00

ORIGINAL SURVEY PLOTTED	DATE
NOTE BOOK TEMPLATE	
AREAS CHECKED	
NO.	



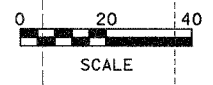
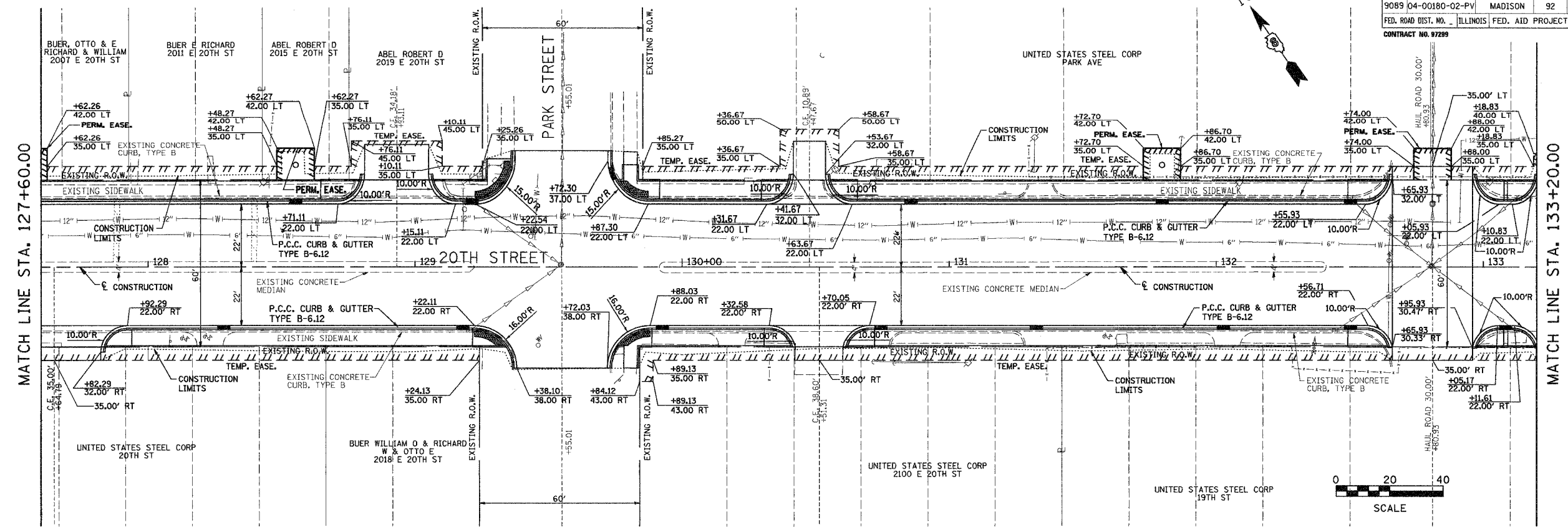
TBM - "M" IN MULLER ON FIRE HYDRANT AT THE NORTH SIDE OF 20TH STREET ACROSS FROM THE NASH STREET GATE ENTRANCE TO U.S. STEEL ELEV. 418.20

<p>Juneau Associates, Inc. P.C. CONSULTING ENGINEERS AND LAND SURVEYORS 200 State Street, P.O. Box 758 Granite City, Illinois 60140 Phone: (618) 482-9541 Fax: (618) 482-9541</p>		<p>PLAN AND PROFILE F.A.U. ROUTE 9089 20TH STREET (PHASES II, III & IV) GRANITE CITY, ILLINOIS SECTION No. 04-00180-02-PV</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. E030204</p>		<p>DSN. BY: BFK DATE: 12/26/06 SHEET 35 DWN. BY: DAN DATE: 12/26/06 CHKD: BFK DATE: 12/26/06 JOB NO. E030204 DGN. NAME: PLAN.04 OF 92 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. 97299				

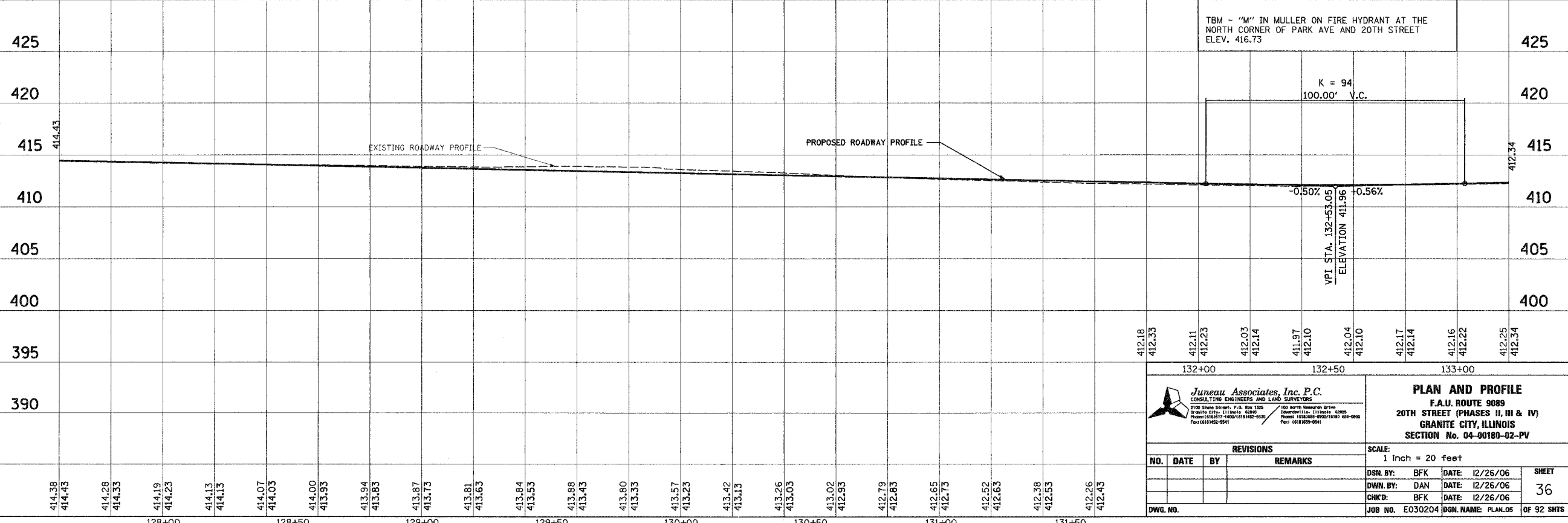
BY	DATE

FINAL SURVEYED SURVEY PLOTTED NOTE BOOK TEMPLATE AREAS CHECKED



BY	DATE

ORIGINAL SURVEYED SURVEY PLOTTED NOTE BOOK TEMPLATE AREAS CHECKED



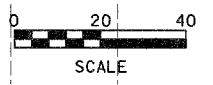
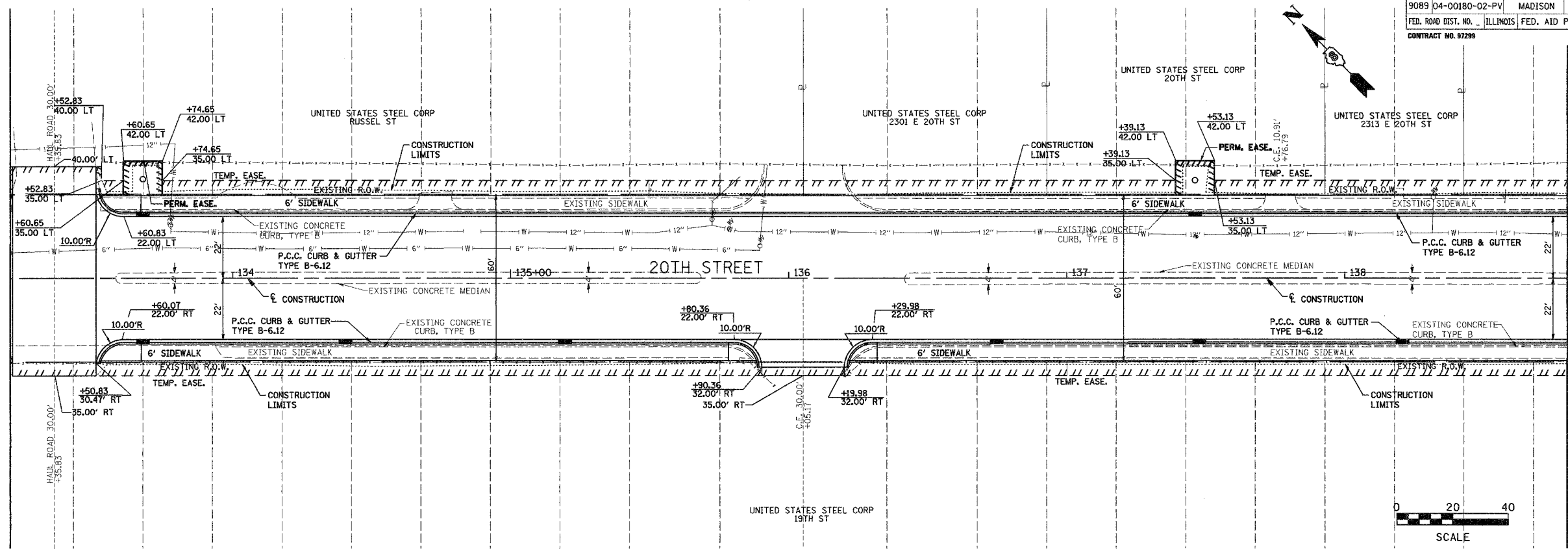
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132+00						132+50			133+00																	
<p>Juneau Associates, Inc. P.C. CONSULTING ENGINEERS AND LAND SURVEYORS 2100 State Street, P.O. Box 1335 Granite City, Illinois 62040 Phone: (618) 657-5400 FAX: (618) 657-5401 100 North Research Drive Edwardsville, Illinois 62025 Phone: (618) 499-0010 FAX: (618) 499-0911</p>																										
<p align="center">PLAN AND PROFILE F.A.U. ROUTE 9089 20TH STREET (PHASES II, III & IV) GRANITE CITY, ILLINOIS SECTION No. 04-00180-02-PV</p>																										
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NO.	DATE	BY	REMARKS																							
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DSN. BY: BFK	DATE: 12/26/06	SHEET 36																								
OWN. BY: DAN	DATE: 12/26/06																									
CHKD: BFK	DATE: 12/26/06																									
<p>DWG. NO. _____ JOB NO. E030204 DGN. NAME: PLAN.05 OF 92 SHTS</p>																										

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9089 04-00180-02-PV		MADISON	92	37
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
			CONTRACT NO. 87299	

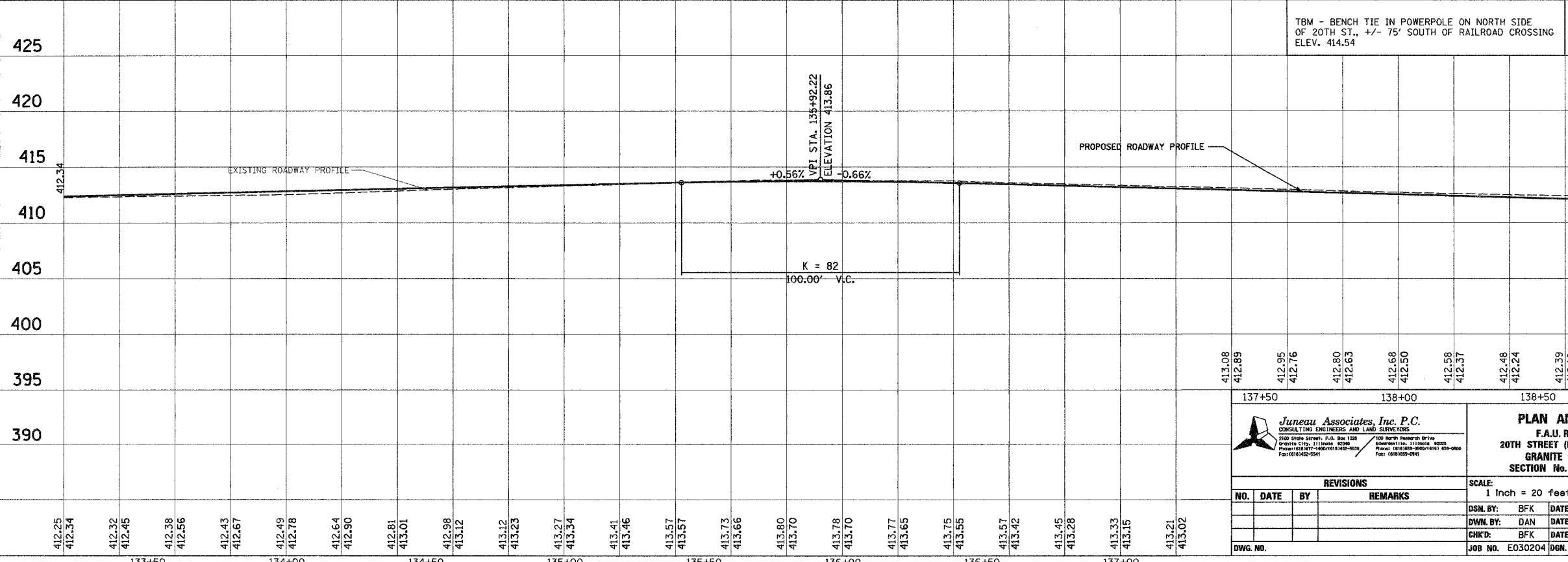
FINAL SURVEYED	DATE
SURVEY PLOTTED	
NOTE BOOK TEMPLATE	
AREAS CHECKED	
NO.	

MATCH LINE STA. 133+20.00

MATCH LINE STA. 138+80.00

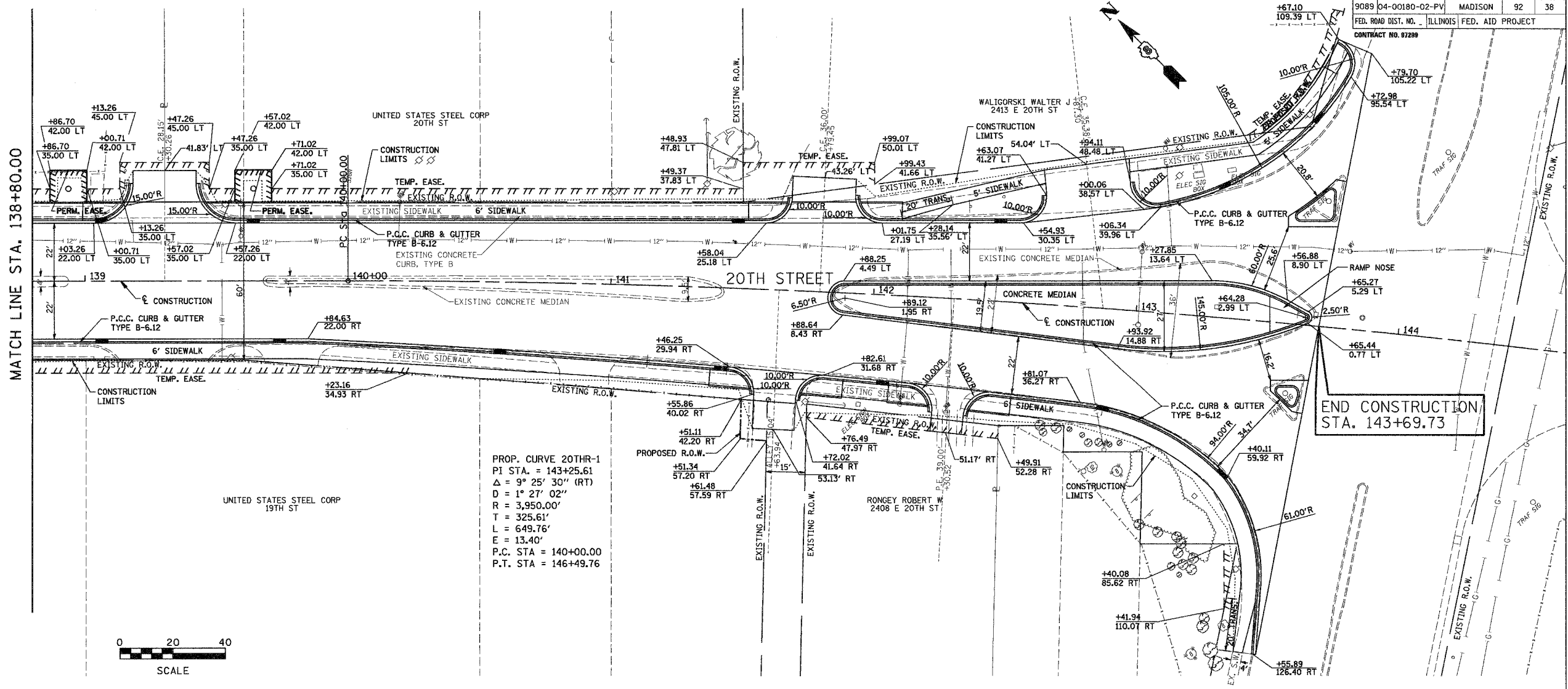


ORIGINAL SURVEYED	DATE
SURVEY PLOTTED	
NOTE BOOK TEMPLATE	
AREAS CHECKED	
NO.	

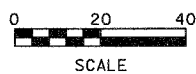


413.08	412.89	412.95	412.76	412.80	412.63	412.68	412.50	412.58	412.37	412.48	412.24	412.39	412.10	412.31	411.98
137+50			138+00			138+50									
<p>Juneau Associates, Inc. P.C. CONSULTING ENGINEERS AND LAND SURVEYORS 2100 South Street, P.O. Box 1208 Granite City, Illinois 62040 Phone: (618) 892-4400 Fax: (618) 892-9541</p>															
<p>PLAN AND PROFILE F.A.U. ROUTE 9089 20TH STREET (PHASES II, III & IV) GRANITE CITY, ILLINOIS SECTION No. 04-00180-02-PV</p>															
<p>SCALE: 1 Inch = 20 feet</p>															
<p>NO. DATE BY REMARKS</p>															
<p>DSN. BY: BFK DATE: 12/26/06 SHEET 37</p>															
<p>DWN. BY: DAN DATE: 12/26/06</p>															
<p>CHKD: BFK DATE: 12/26/06</p>															
<p>DWG. NO. JOB NO. E030204 DSN. NAME: PLAN.06 OF 92 SHTS</p>															

MATCH LINE STA. 138+80.00



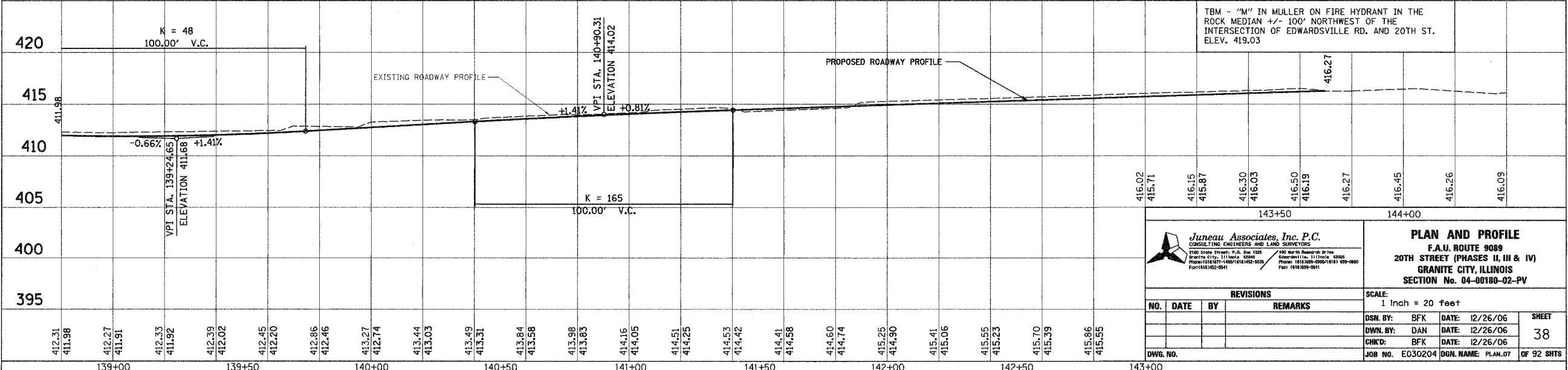
PROP. CURVE 20TH-1
 PI STA. = 143+25.61
 $\Delta = 9^\circ 25' 30''$ (RT)
 $D = 1^\circ 27' 02''$
 $R = 3,950.00'$
 $T = 325.61'$
 $L = 649.76'$
 $E = 13.40'$
 P.C. STA = 140+00.00
 P.T. STA = 146+49.76



END CONSTRUCTION
 STA. 143+69.73

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
 Granite City, Illinois 62040
 Phone: (618) 271-2100 Fax: (618) 271-2101
 100 North Research Drive
 Edwardsville, Illinois 62025
 Phone: (618) 298-0000 Fax: (618) 298-0000

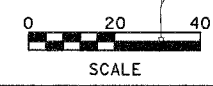
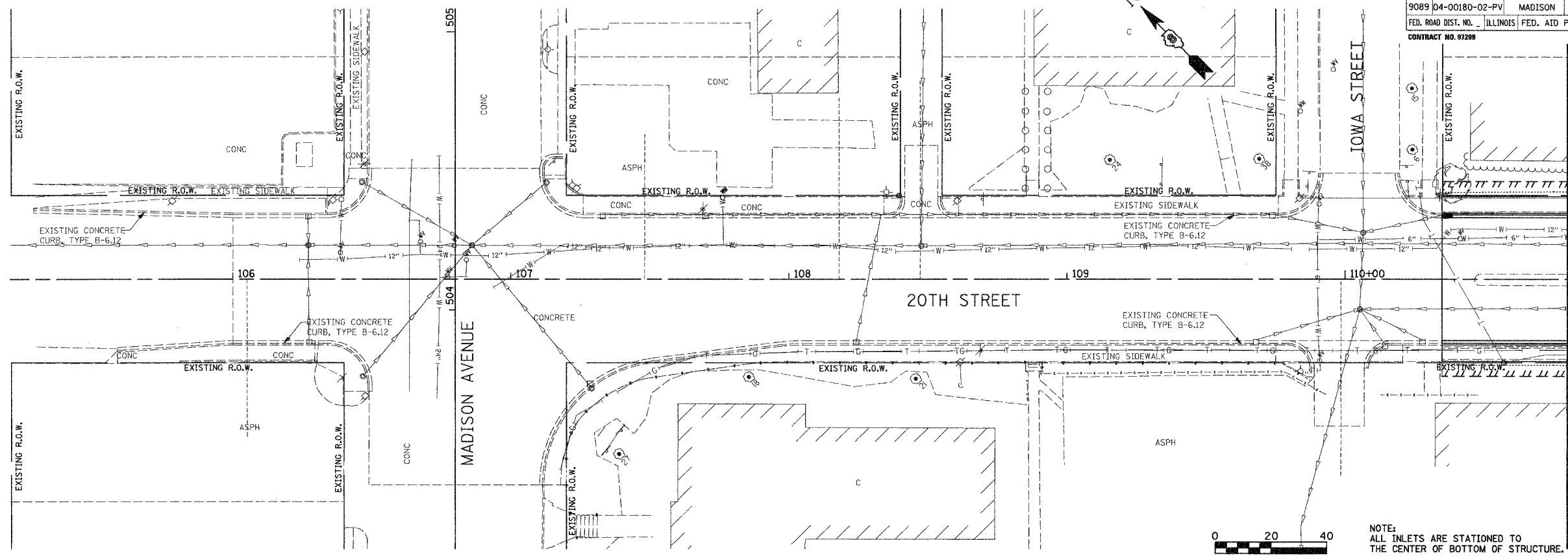
PLAN AND PROFILE
 F.A.U. ROUTE 9089
 20TH STREET (PHASES II, III & IV)
 GRANITE CITY, ILLINOIS
 SECTION No. 04-00180-02-PV

REVISIONS			
NO.	DATE	BY	REMARKS

SCALE: 1 Inch = 20 feet			
DSN. BY:	BFK	DATE:	12/26/06
DWN. BY:	DAN	DATE:	12/26/06
CHKD. BY:	BFK	DATE:	12/26/06
JOB NO.	E030204	DGN. NAME:	PLAN_07
			SHEET 38
			OF 92 SHTS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9089	04-00180-02-PV	MADISON	92	39
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 97299				

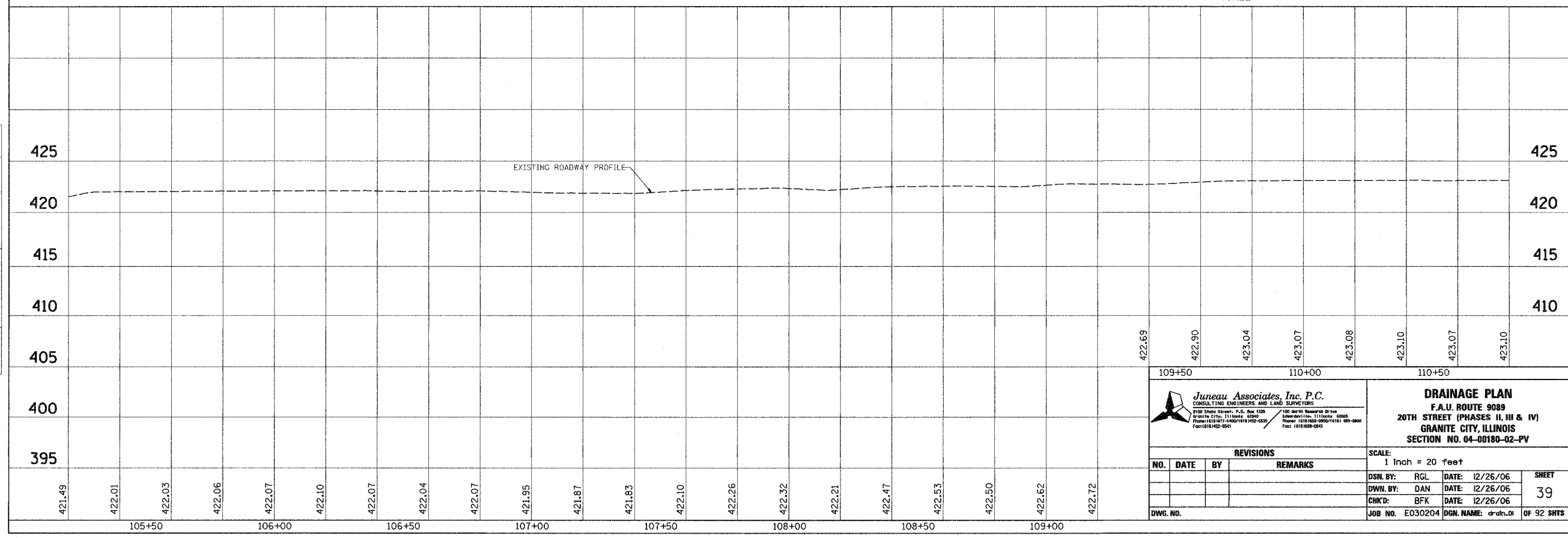
BY	DATE
ORIGINAL SURVEYED	
SURVEY PLOTTED	
NOTE BOOK TEMPLATE	
AREAS CHECKED	
NO.	



NOTE:
ALL INLETS ARE STATIONED TO
THE CENTER OF BOTTOM OF STRUCTURE.

MATCH LINE STA. 110+80.00

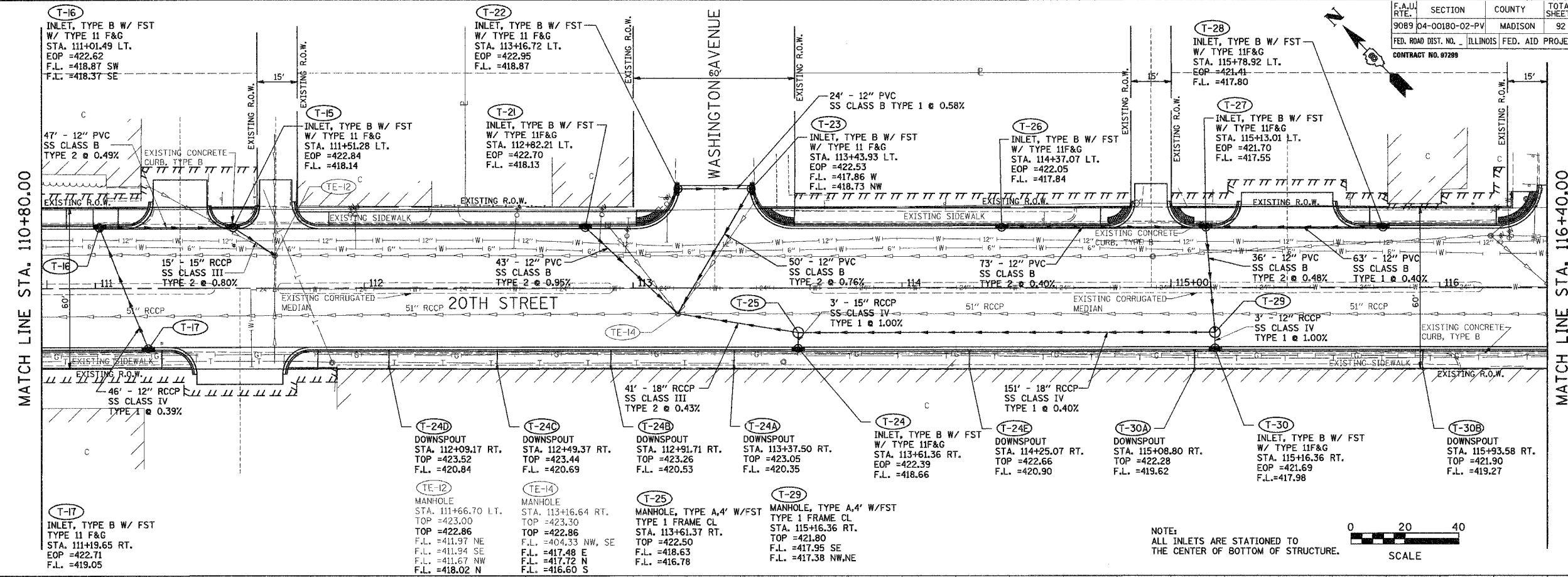
BY	DATE
ORIGINAL SURVEYED	
SURVEY PLOTTED	
NOTE BOOK TEMPLATE	
AREAS CHECKED	
NO.	



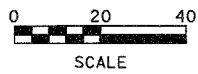
<p>Juneau Associates, Inc. P.C. CONSULTING ENGINEERS AND LAND SURVEYORS 2105 State Street, P.O. Box 1208 Granite City, Illinois 62041 Phone: (618) 437-4400 FAX: (618) 437-4533 Fax: (618) 432-5541</p>		<p>DRAINAGE PLAN F.A.U. ROUTE 9089 20TH STREET (PHASES II, III & IV) GRANITE CITY, ILLINOIS SECTION NO. 04-00180-02-PV</p>	
<p>NO. DATE BY REMARKS</p>		<p>SCALE: 1 Inch = 20 feet</p>	
<p>DSN. BY: RGL DATE: 12/26/06</p>		<p>SHEET 39</p>	
<p>DWN. BY: DAN DATE: 12/26/06</p>		<p>CHKD: BFK DATE: 12/26/06</p>	
<p>DWG. NO.</p>		<p>JOB NO. E030204 DGN. NAME: draln_01 OF 92 SHTS</p>	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9089	04-00180-02-PV	MADISON	92	40
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 97289				

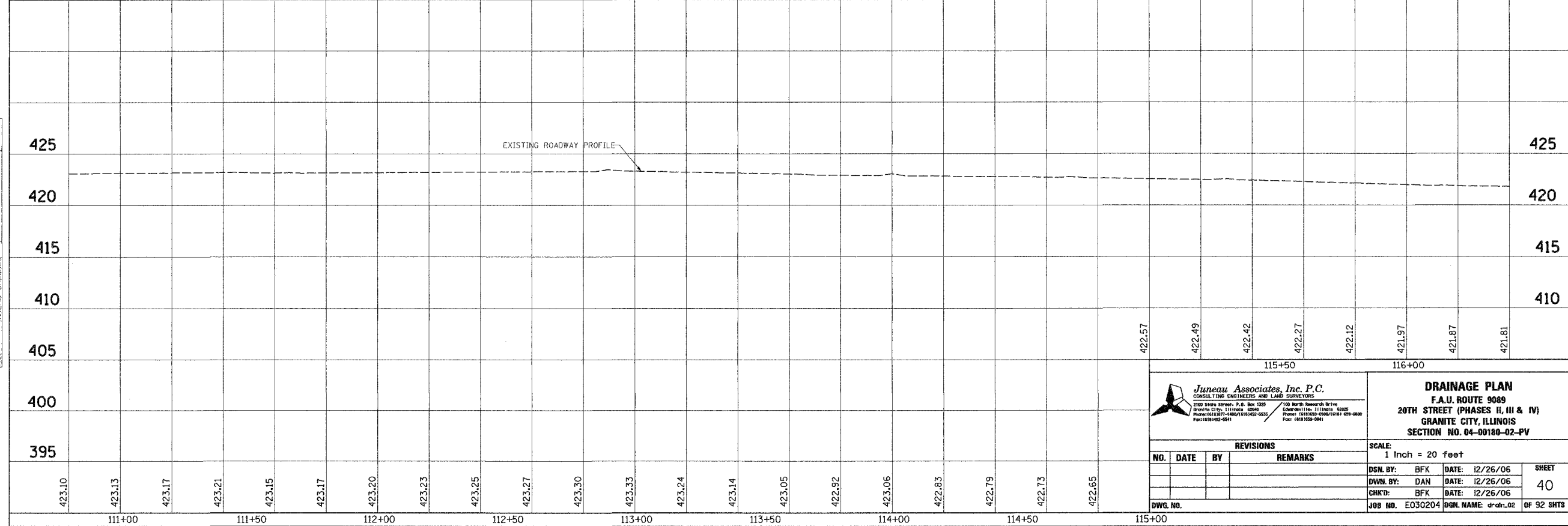
BY	DATE
ORIGINAL SURVEYED	
SURVEY PLOTTED	
NOTE BOOK TEMPLATE	
AREAS CHECKED	
NO.	



NOTE:
ALL INLETS ARE STATIONED TO THE CENTER OF BOTTOM OF STRUCTURE.



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



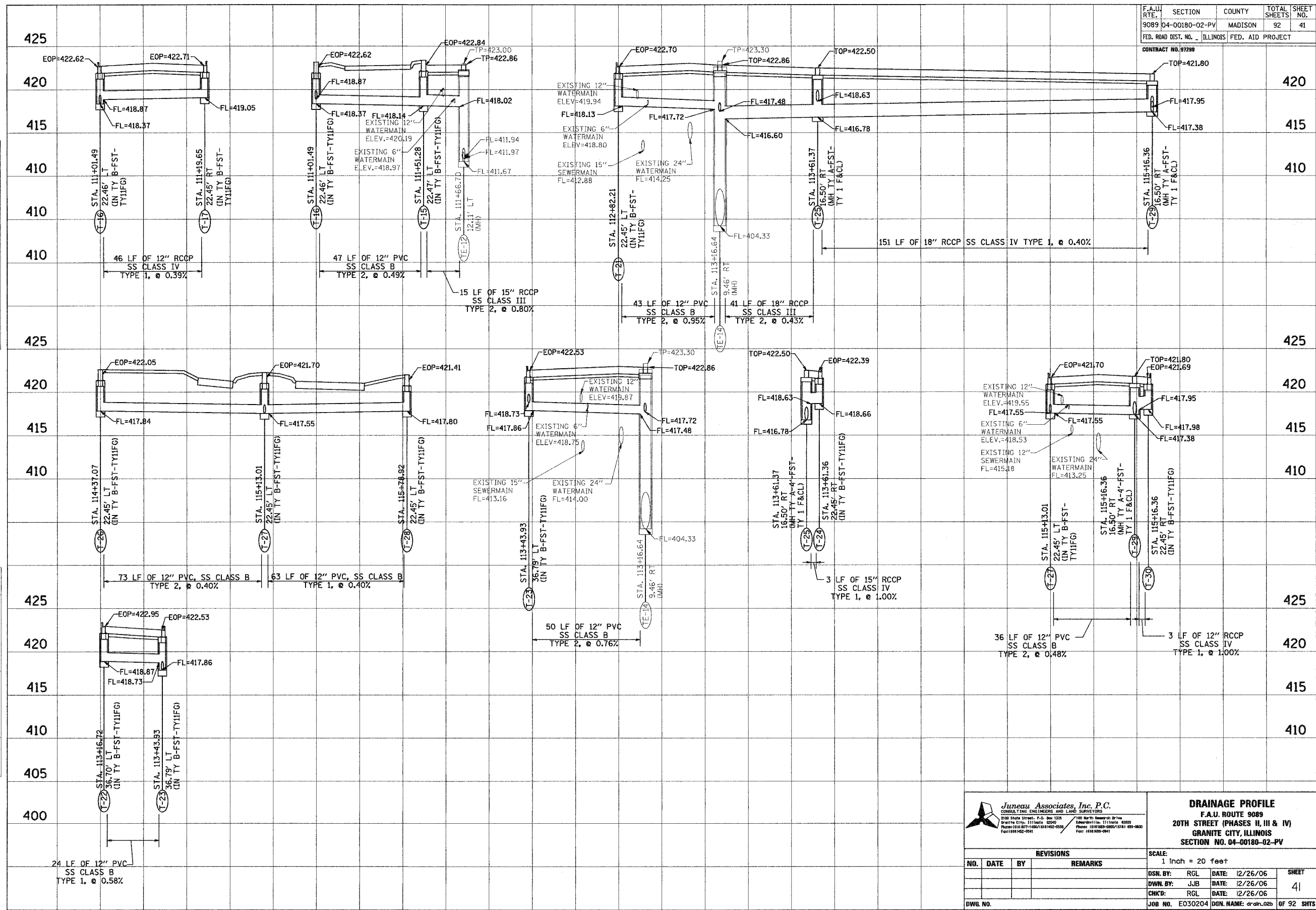
<p>Jureau Associates, Inc. P.C. CONSULTING ENGINEERS AND LAND SURVEYORS 200 South Street, P.O. Box 1205 Granite City, Illinois 62040 Phone: (618) 487-4800 FAX: (618) 487-4805 FACSIMILE: (618) 487-4841</p>		<p>DRAINAGE PLAN F.A.U. ROUTE 9089 20TH STREET (PHASES II, III & IV) GRANITE CITY, ILLINOIS SECTION NO. 04-00180-02-PV</p>	
<p>NO. DATE BY REMARKS</p>		<p>SCALE: 1 Inch = 20 feet</p>	
<p>NO. DATE BY REMARKS</p>		<p>DSN. BY: BFK DATE: 12/26/06 DWN. BY: DAN DATE: 12/26/06 CHKD: BFK DATE: 12/26/06</p>	
<p>DWG. NO.</p>		<p>JOB NO. E030204 DSN. NAME: draln_02 OF 92 SHTS</p>	

F.A.U. RT.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9089 04-00180-02-PV		MADISON	92	41
FED. ROAD DIST. NO.:	ILLINOIS FED. AID PROJECT			

CONTRACT NO. 97289
TOP=421.80

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

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

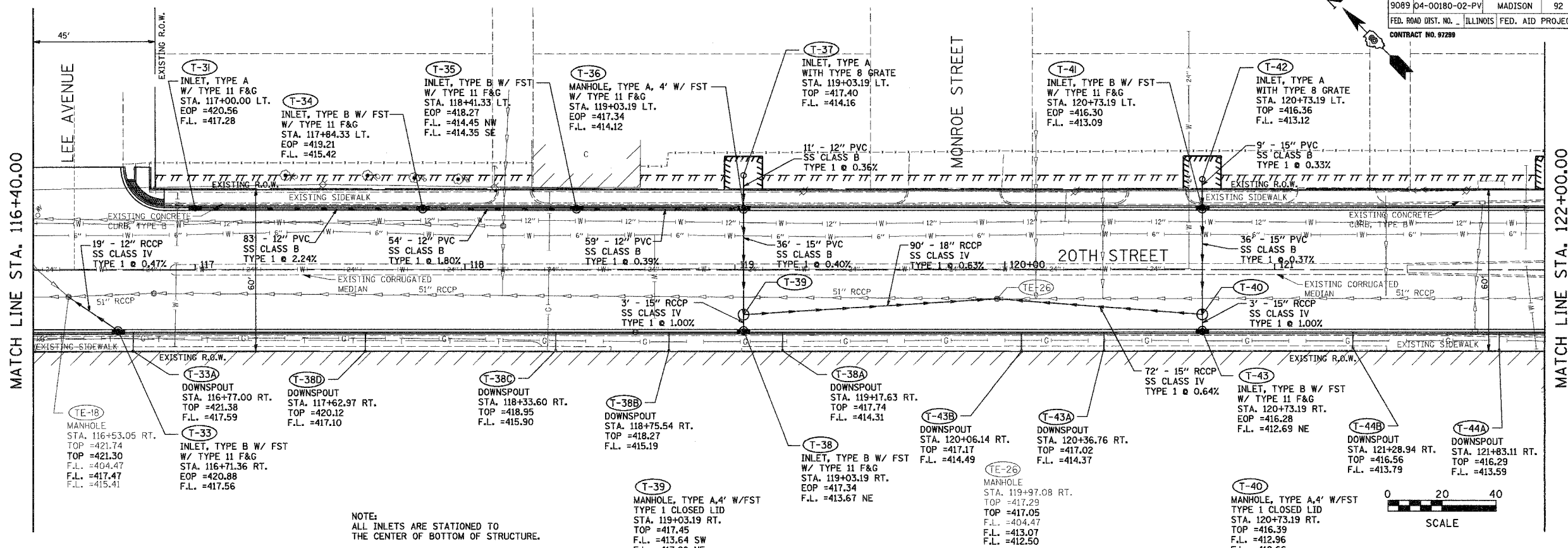


Juneau Associates, Inc. P.C.
CONSULTING ENGINEERS AND LAND SURVEYORS
2100 South Street, P.O. Box 625
Granite City, Illinois 62040
Phone: (618) 387-1400 / (618) 387-0555
Fax: (618) 387-0541

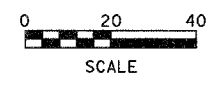
DRAINAGE PROFILE
F.A.U. ROUTE 9089
20TH STREET (PHASES II, III & IV)
GRANITE CITY, ILLINOIS
SECTION NO. 04-00180-02-PV

REVISIONS			
NO.	DATE	BY	REMARKS

SCALE: 1 Inch = 20 feet	
DSN. BY: RGL	DATE: 12/26/06
DWN. BY: JJB	DATE: 12/26/06
CHKD: RGL	DATE: 12/26/06
JOB NO. E030204	DSN. NAME: drain_02b
OF 92 SHTS	



NOTE:
ALL INLETS ARE STATIONED TO
THE CENTER OF BOTTOM OF STRUCTURE.



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

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

421.81	421.72	421.49	421.05	420.84	420.62	420.40	420.10	419.79	419.46	419.14	418.81	418.52	418.25	418.02	417.86	417.74	417.58	417.47	417.35	417.20	
116+50		117+00		117+50		118+00		118+50		119+00		119+50		120+00		120+50		121+00		121+50	122+00

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

DRAINAGE PLAN
F.A.U. ROUTE 9089
20TH STREET (PHASES II, III & IV)
GRANITE CITY, ILLINOIS
SECTION NO. 04-00180-02-PV

REVISIONS			
NO.	DATE	BY	REMARKS

SCALE: 1 Inch = 20 feet

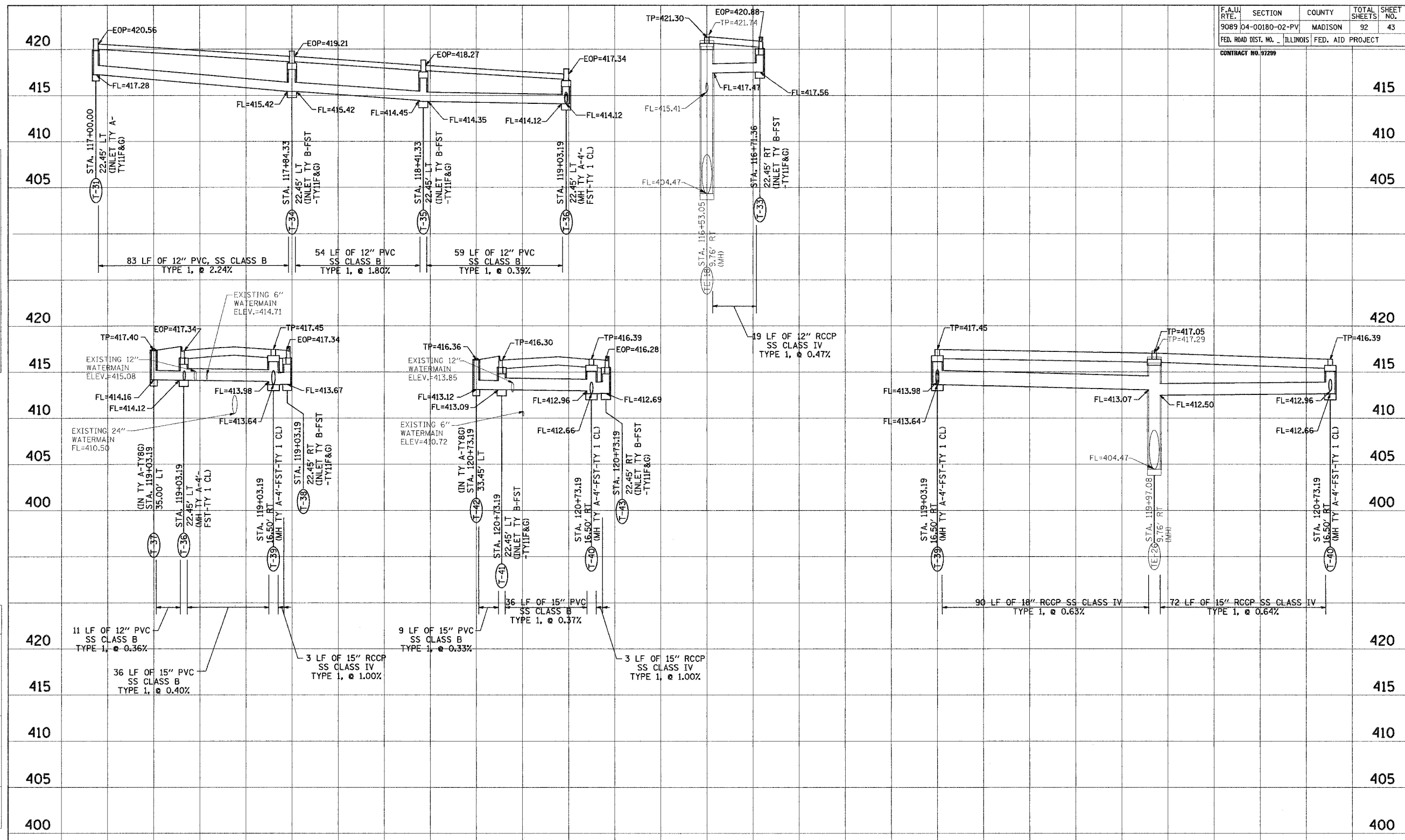
DSN. BY: BFK	DATE: 12/26/06	SHEET
DWN. BY: DAN	DATE: 12/26/06	42
CHK'D: BFK	DATE: 12/26/06	
JOB NO. E030204	DGN. NAME: drain_03	OF 92 SHTS

F.A.U. SECTION COUNTY TOTAL SHEETS SHEET NO.
9089 04-00180-02-PV MADISON 92 43
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

CONTRACT NO. 97299

FINAL SURVEYED PLOTTED NOTE BOOK TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEYED PLOTTED NOTE BOOK TEMPLATE AREAS CHECKED	BY	DATE



Juneau Associates, Inc. P.C.
CONSULTING ENGINEERS AND LAND SURVEYORS
2102 South Street, P.O. Box 1025
Granite City, Illinois 60140
Phone: (618) 371-4400 / (618) 442-0339
Fax: (618) 442-0541

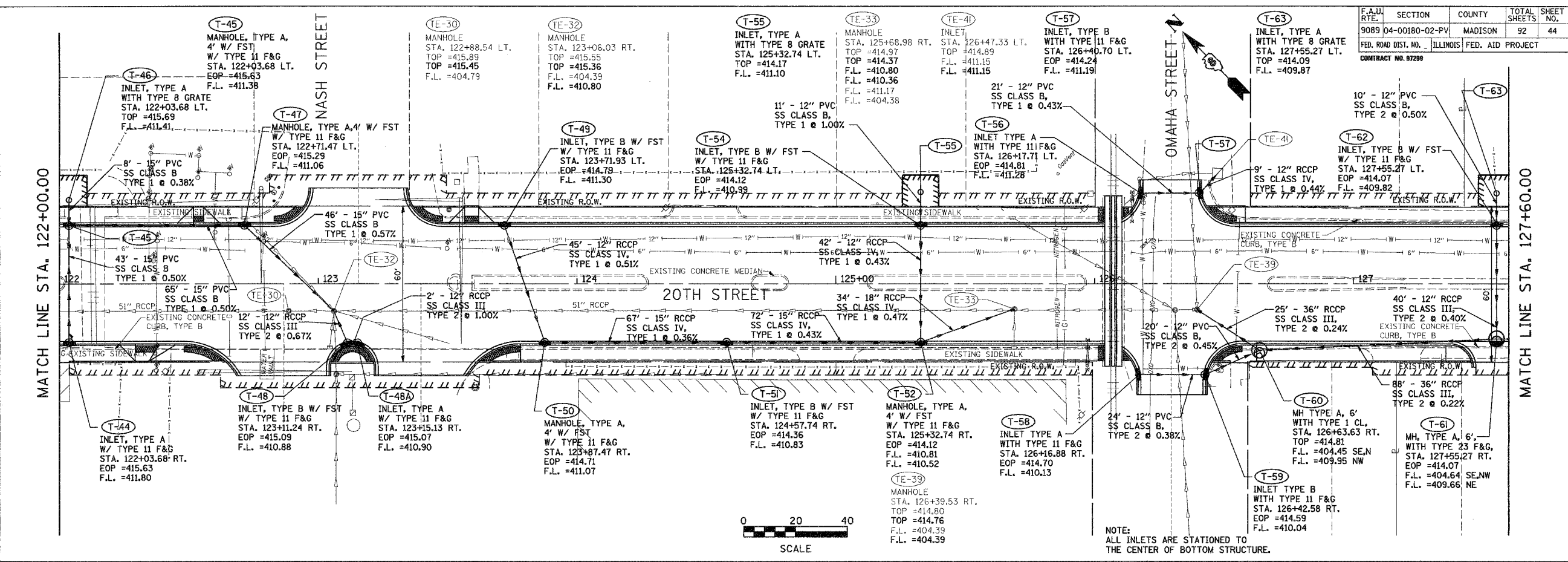
DRAINAGE PROFILE
F.A.U. ROUTE 9089
20TH STREET (PHASES II, III & IV)
GRANITE CITY, ILLINOIS
SECTION NO. 04-00180-02-PV

REVISIONS			
NO.	DATE	BY	REMARKS

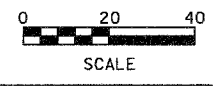
SCALE: 1 Inch = 20 feet			
DSN. BY: RGL	DATE: 12/26/06	SHEET 43	
DWN. BY: JJB	DATE: 12/26/06		
CHKD: RGL	DATE: 12/26/06		
JOB NO. E030204		DGN. NAME: drain_03b OF 92 SHTS	

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

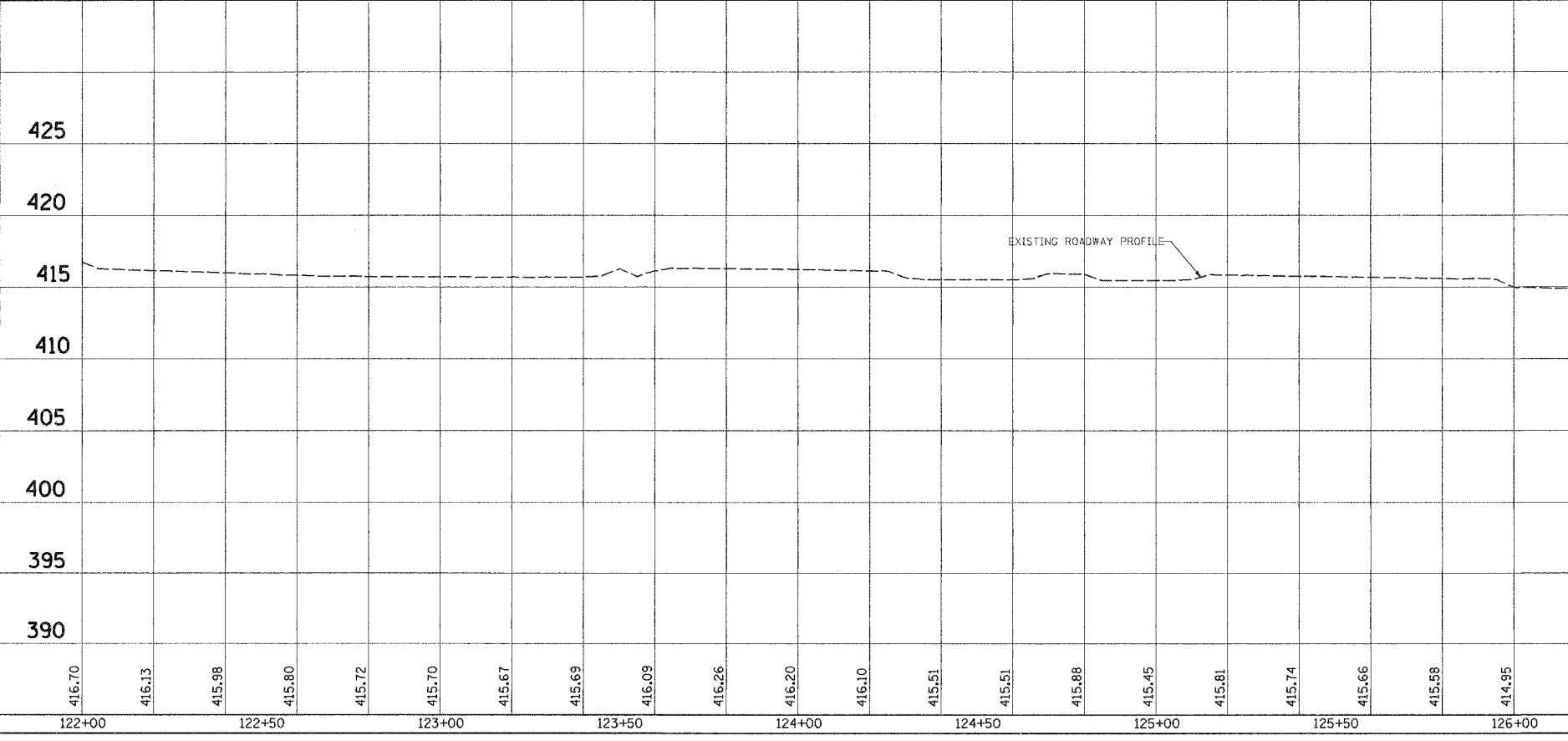
BY: _____ DATE: _____
 ORIGINAL SURVEYED _____
 SURVEY PLOTTED _____
 NOTE BOOK TEMPLATE _____
 AREAS CHECKED _____



F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9089 04-00180-02-PV		MADISON	92	44



NOTE:
ALL INLETS ARE STATIONED TO THE CENTER OF BOTTOM STRUCTURE.



126+50

127+00

127+50

414.91	414.88	414.85	415.23	415.15	414.71	414.47	414.38
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Juneau Associates, Inc. P.C.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 2100 State Street, P.O. Box 1206
 Granite City, Illinois 62041
 Phone: (618) 457-4401 (618) 457-4455 Fax: (618) 457-4541

DRAINAGE PLAN
 F.A.U. ROUTE 9089
 20TH STREET (PHASES II, III & IV)
 GRANITE CITY, ILLINOIS
 SECTION NO. 04-00180-02-PV

SCALE:
1 Inch = 20 feet

DSN. BY: BFK DATE: 12/26/06 SHEET
 DWN. BY: JJB DATE: 12/26/06 44
 CHK'D: BFK DATE: 12/26/06

DWG. NO. _____ JOB NO. E030204 DGN. NAME: d-rtr_04 OF 92 SHTS

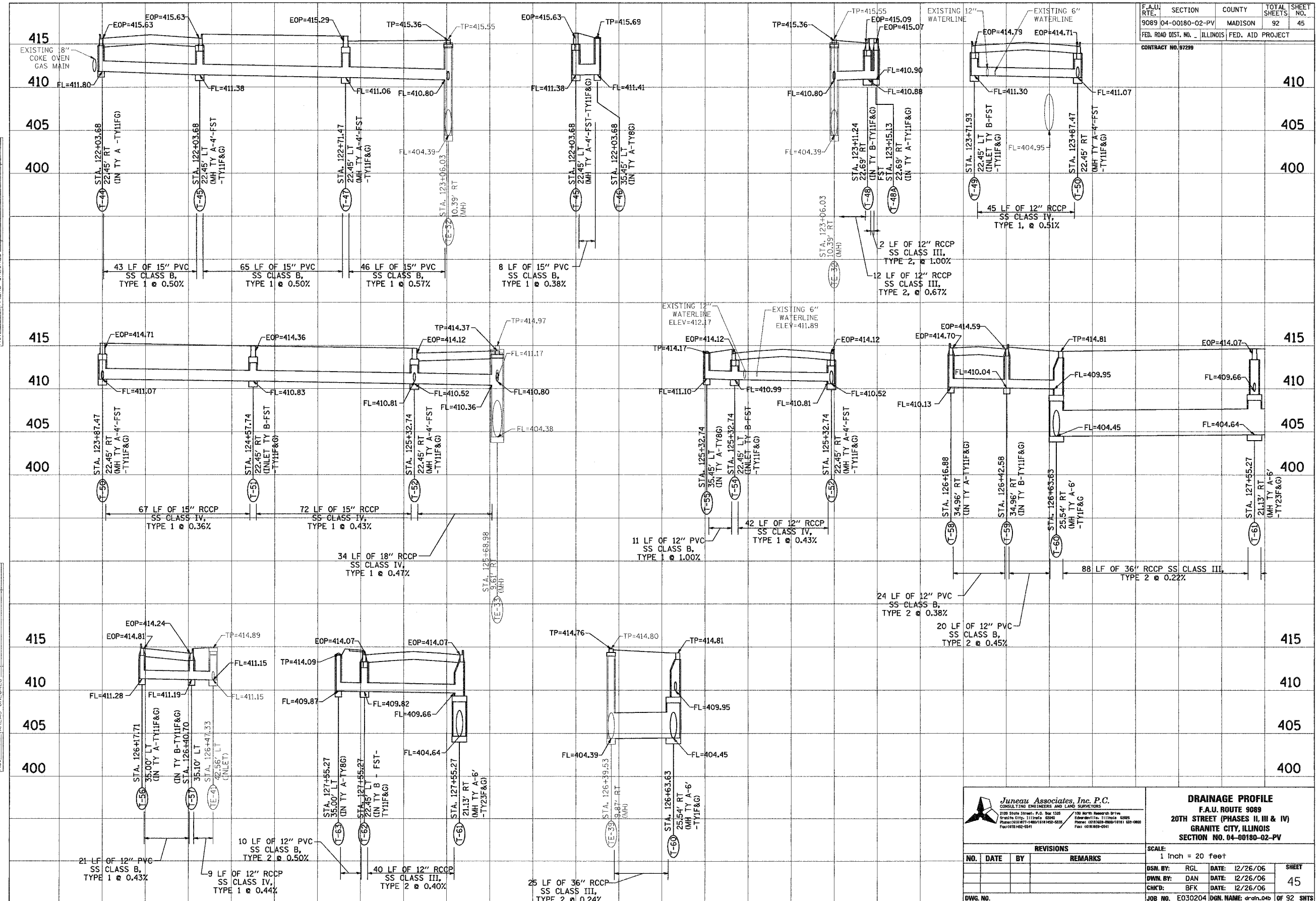
REVISIONS			SCALE:
NO.	DATE	REMARKS	1 Inch = 20 feet

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9089 04-00180-02-PV		MADISON	92	45
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

CONTRACT NO. 97299

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

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



Juneau Associates, Inc. P.C.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 2100 State Street, P.O. Box 1200
 Granite City, Illinois 62040
 Phone: (618) 948-1877 Fax: (618) 948-1878
 100 North Research Drive
 Edwardsville, Illinois 62025
 Phone: (618) 584-9900 Fax: (618) 584-9941

DRAINAGE PROFILE
 F.A.U. ROUTE 9089
 20TH STREET (PHASES II, III & IV)
 GRANITE CITY, ILLINOIS
 SECTION NO. 04-00180-02-PV

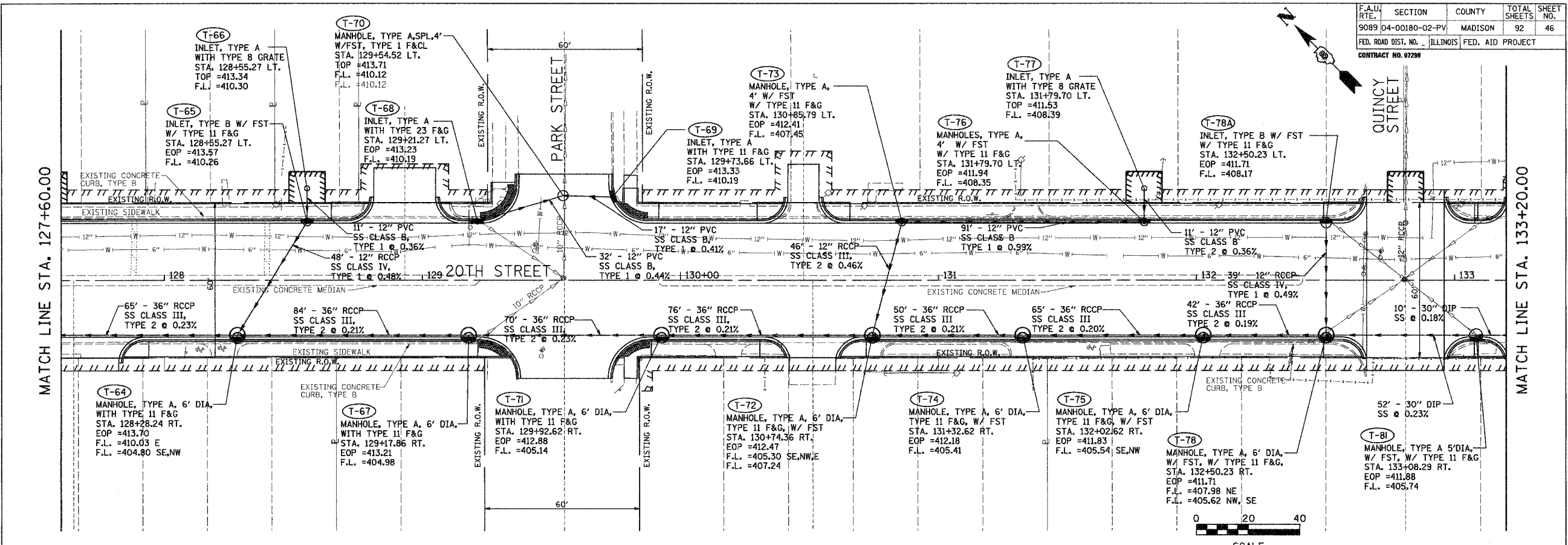
REVISIONS			
NO.	DATE	BY	REMARKS

SCALE: 1 Inch = 20 feet

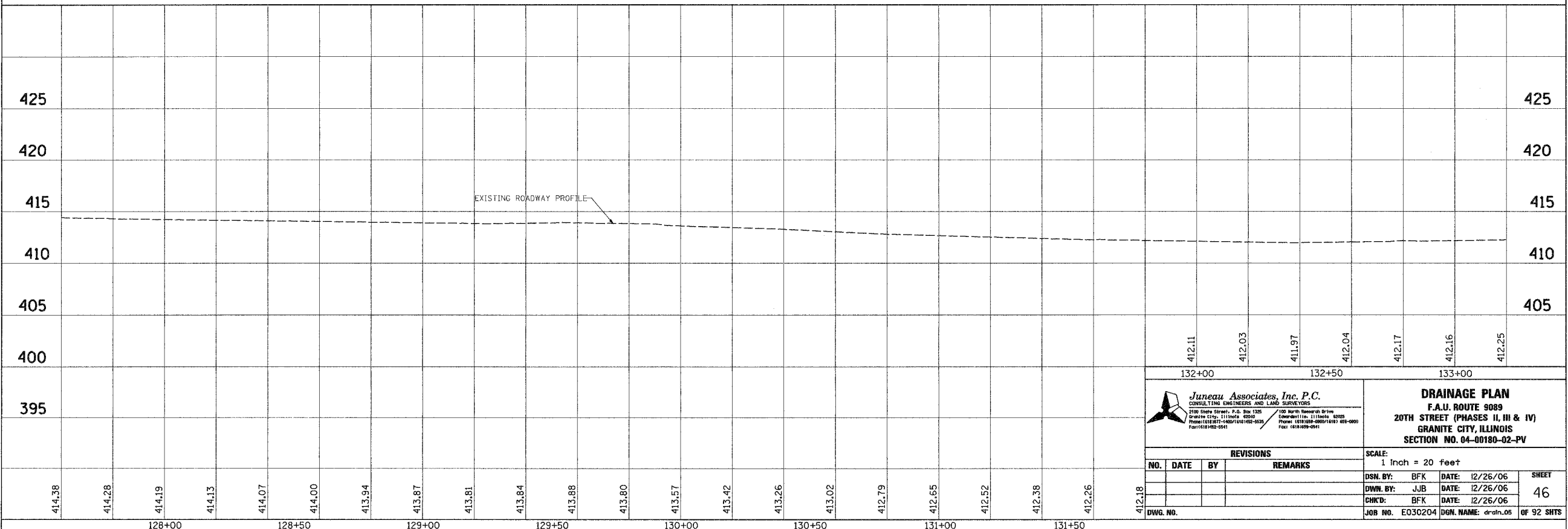
DSN. BY:	RGL	DATE:	12/26/06	SHEET
DWN. BY:	DAN	DATE:	12/26/06	45
CHKD. BY:	BFK	DATE:	12/26/06	
DWG. NO.	JOB NO. E030204 DGN. NAME: draln_04b OF 92 SHTS			

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9089	04-00180-02-PV	MADISON	92	46
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
CONTRACT NO. 97298				

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



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



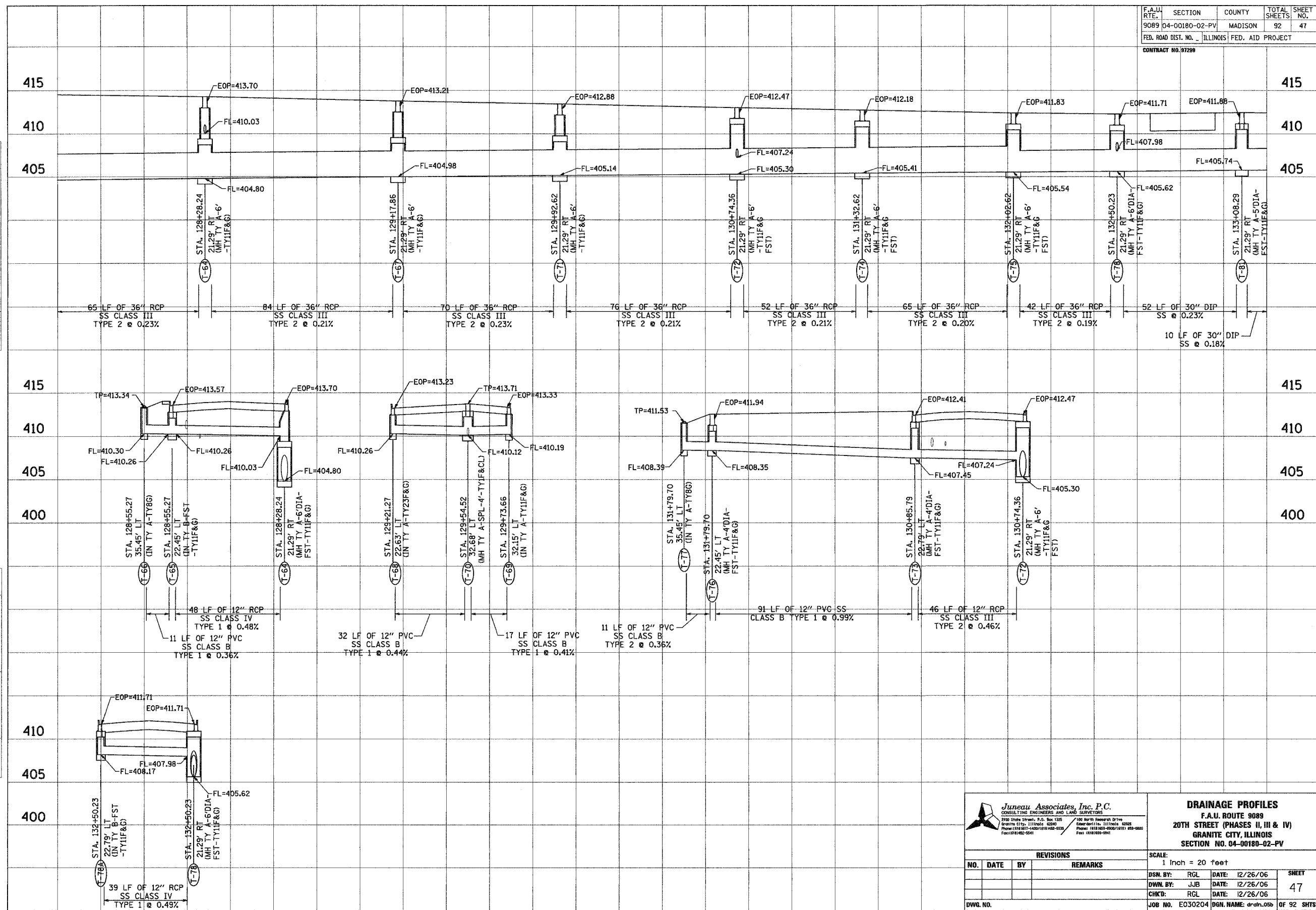
<p>Jureau Associates, Inc. P.C. CONSULTING ENGINEERS AND LAND SURVEYORS 2100 State Street, P.O. Box 1325 Granite City, Illinois 62040 Project 12/26/06-04/12/06-05/06 Fax: (618) 955-0441</p>		<p>DRAINAGE PLAN F.A.U. ROUTE 9089 20TH STREET (PHASES II, III & IV) GRANITE CITY, ILLINOIS SECTION NO. 04-00180-02-PV</p>	
<p>SCALE: 1 Inch = 20 feet</p>		<p>DSN. BY: BFK DATE: 12/26/06 DWN. BY: JJB DATE: 12/26/06 CHK'D: BFK DATE: 12/26/06</p>	
<p>JOB NO. E030204 DGN. NAME: drain_05</p>		<p>SHEET 46 OF 92 SHEETS</p>	

414.38	414.28	414.19	414.13	414.07	414.00	413.94	413.87	413.81	413.84	413.88	413.80	413.57	413.42	413.26	413.02	412.79	412.65	412.52	412.38	412.26					
128+00					128+50			129+00			129+50			130+00			130+50			131+00			131+50		

CONTRACT NO. 07299

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
2150 State Street, P.O. Box 1315
Granite City, Illinois 62041
Phone: (618) 807-4000 / (618) 807-4005
Fax: (618) 807-2941

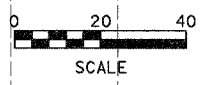
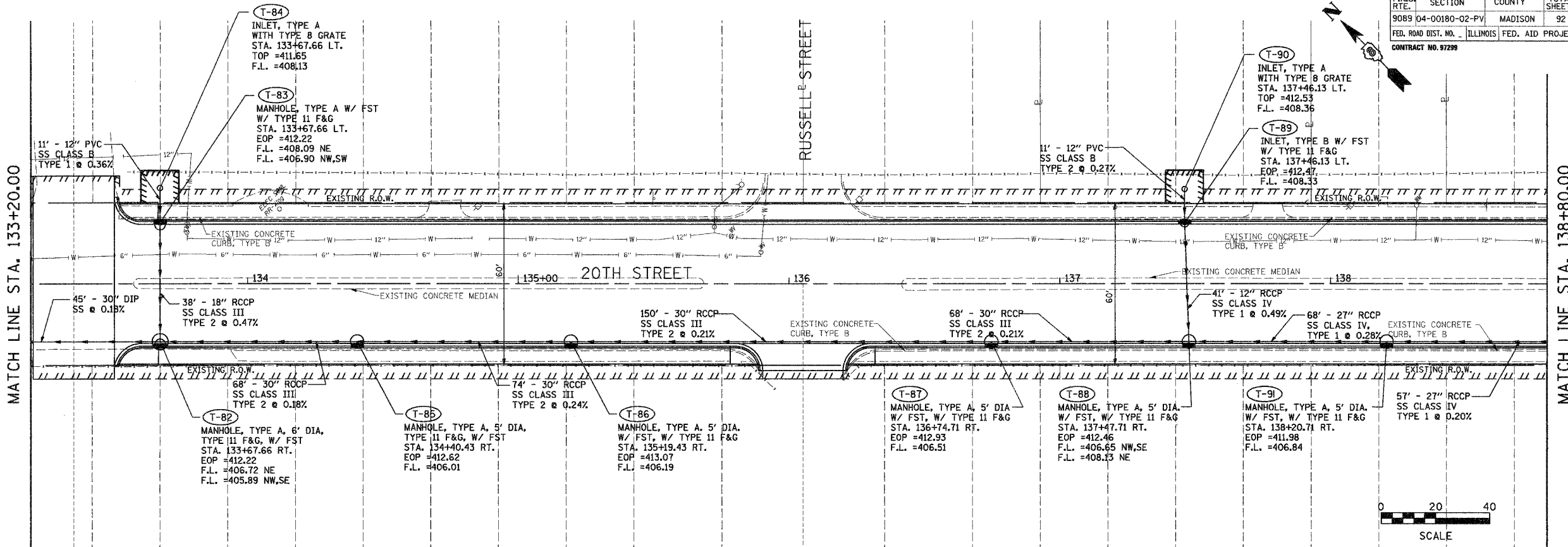
DRAINAGE PROFILES
F.A.U. ROUTE 9089
20TH STREET (PHASES II, III & IV)
GRANITE CITY, ILLINOIS
SECTION NO. 04-00180-02-PV

REVISIONS			
NO.	DATE	BY	REMARKS

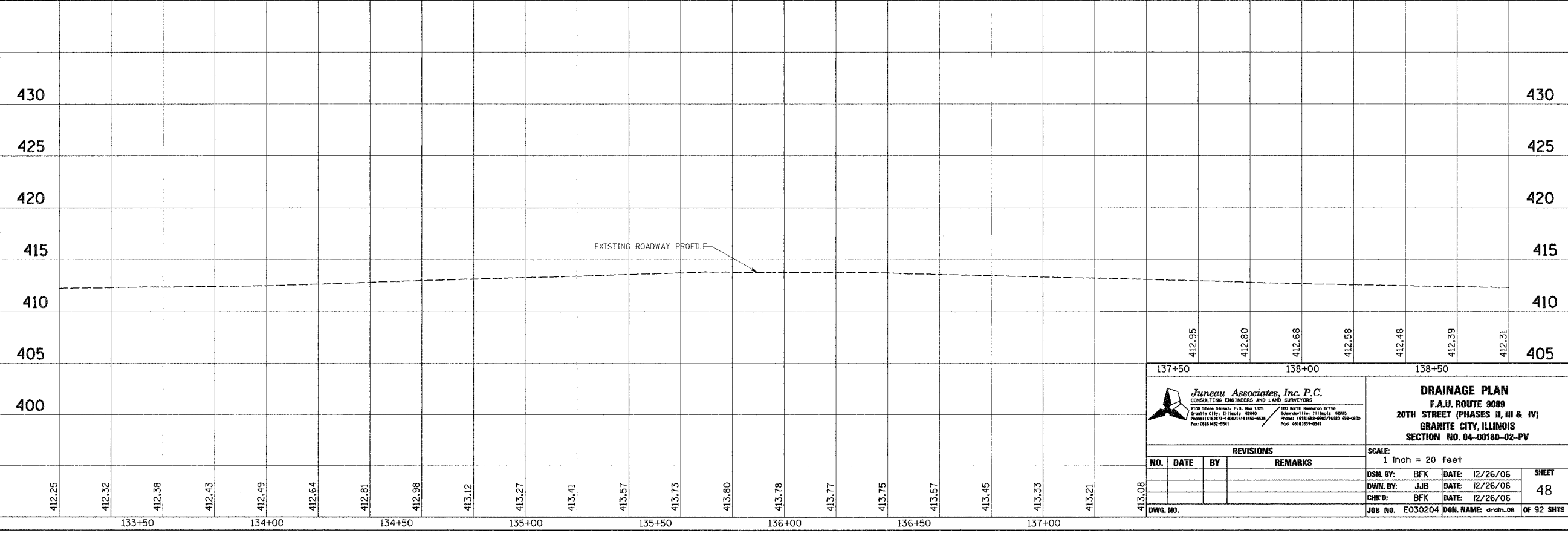
SCALE:	1 inch = 20 feet
DSN. BY:	RGL DATE: 12/26/06
DWN. BY:	JJB DATE: 12/26/06
CHKD.:	RGL DATE: 12/26/06
JOB NO. E030204	DGN. NAME: drain_05b
SHEET 47 OF 92 SHTS	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9089	04-00180-02-PV	MADISON	92	48
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
CONTRACT NO. 97299				

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



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



Juneau Associates, Inc. P.C.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 209 State Street, P.O. Box 1026
 Granite City, Illinois 62040
 Phone: (618) 937-4800 FAX: (618) 937-4801

DRAINAGE PLAN
 F.A.U. ROUTE 9089
 20TH STREET (PHASES II, III & IV)
 GRANITE CITY, ILLINOIS
 SECTION NO. 04-00180-02-PV

REVISIONS			
NO.	DATE	BY	REMARKS

SCALE: 1 inch = 20 feet

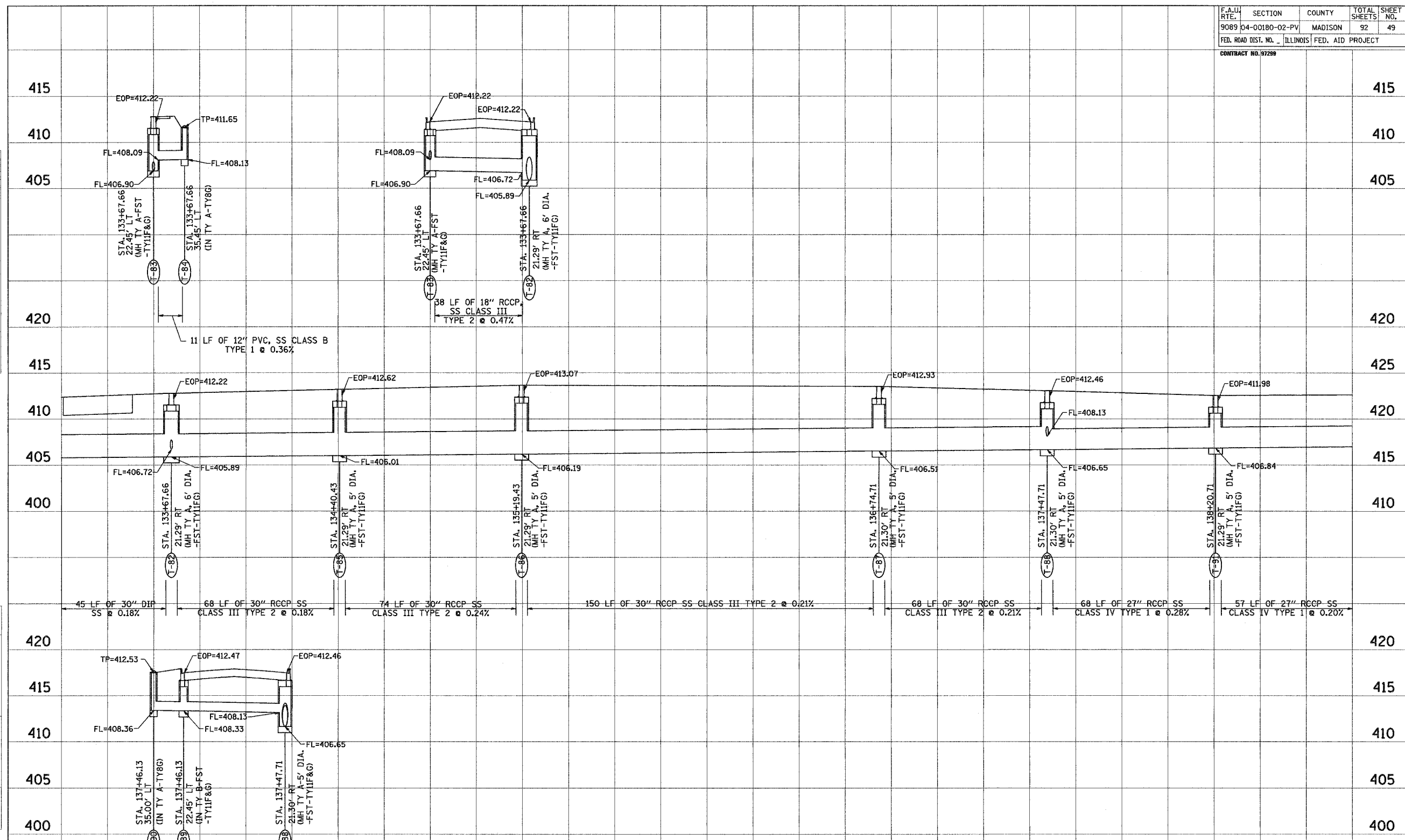
DSN. BY: BFK	DATE: 12/26/06	SHEET 48	
DWN. BY: JJB	DATE: 12/26/06		
CHKD: BFK	DATE: 12/26/06		
DWG. NO.	JOB NO. E030204	DGN. NAME: drain_06	OF 92 SHTS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9089	04-00180-02-PV	MADISON	92	49
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

CONTRACT NO. 97299

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

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



Juneau Associates, Inc. P.C.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 2140 Stone Street, P.O. Box 1235 Granite City, Illinois 62040
 Phone: (618) 207-4400 / (618) 207-4405 Fax: (618) 207-4401
 100 North Main Street, Granite City, Illinois 62040
 Phone: (618) 207-4400 / (618) 207-4405 Fax: (618) 207-4401

DRAINAGE PROFILES
 F.A.U. ROUTE 9089
 20TH STREET (PHASES II, III & IV)
 GRANITE CITY, ILLINOIS
 SECTION NO. 04-00180-02-PV

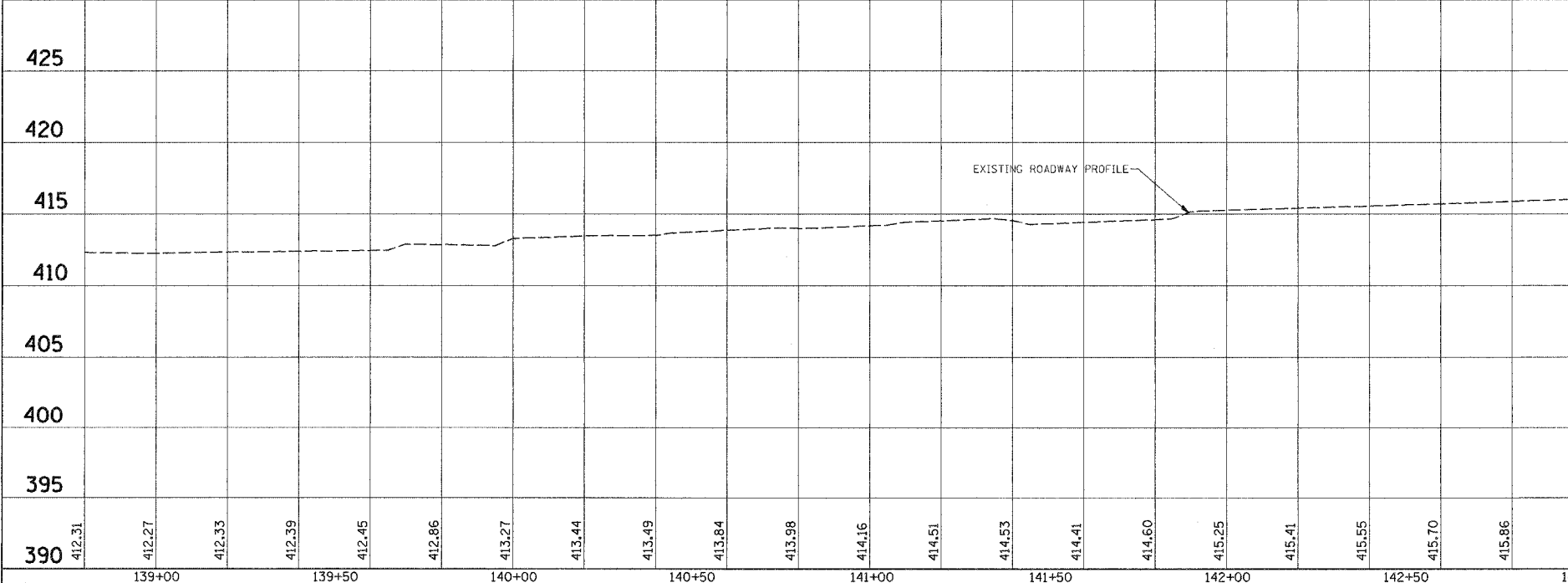
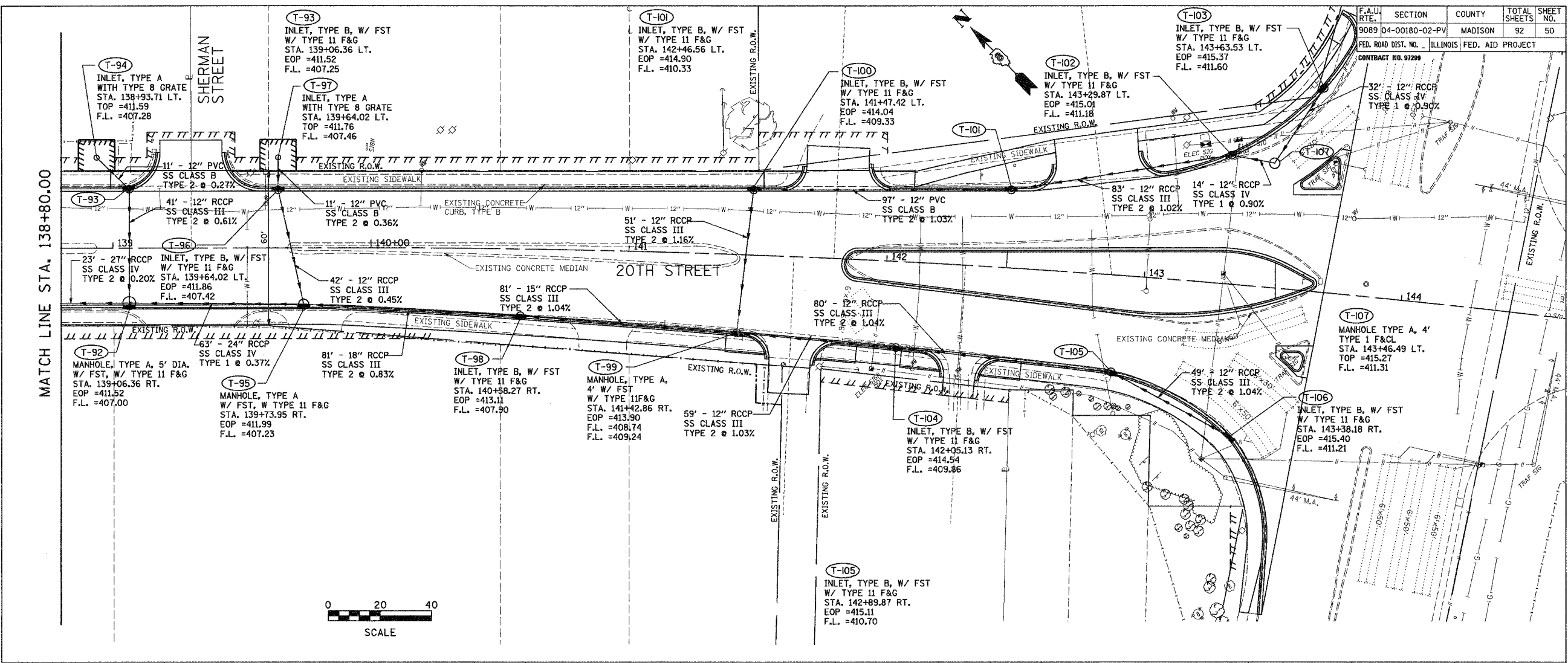
REVISIONS			
NO.	DATE	BY	REMARKS

SCALE: 1 Inch = 20 feet	
DSN. BY: RGL	DATE: 12/26/06
DWN. BY: JJB	DATE: 12/26/06
CHKD: RGL	DATE: 12/26/06
JOB NO. E030204	DGN. NAME: drain_00b OF 92 SHS

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

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

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9089 04-00180-02-PV		MADISON	92	50
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				
CONTRACT NO. 97299				



Juneau Associates, Inc. P.C.
CONSULTING ENGINEERS AND LAND SURVEYORS
2100 State Street, P.O. Box 1329
Granite City, Illinois 60140
Phone: (618) 971-1400 / (618) 971-0235
Fax: (618) 971-0241

DRAINAGE PLAN
F.A.U. ROUTE 9089
20TH STREET (PHASES II, III & IV)
GRANITE CITY, ILLINOIS
SECTION NO. 04-00180-02-PV

REVISIONS			
NO.	DATE	BY	REMARKS

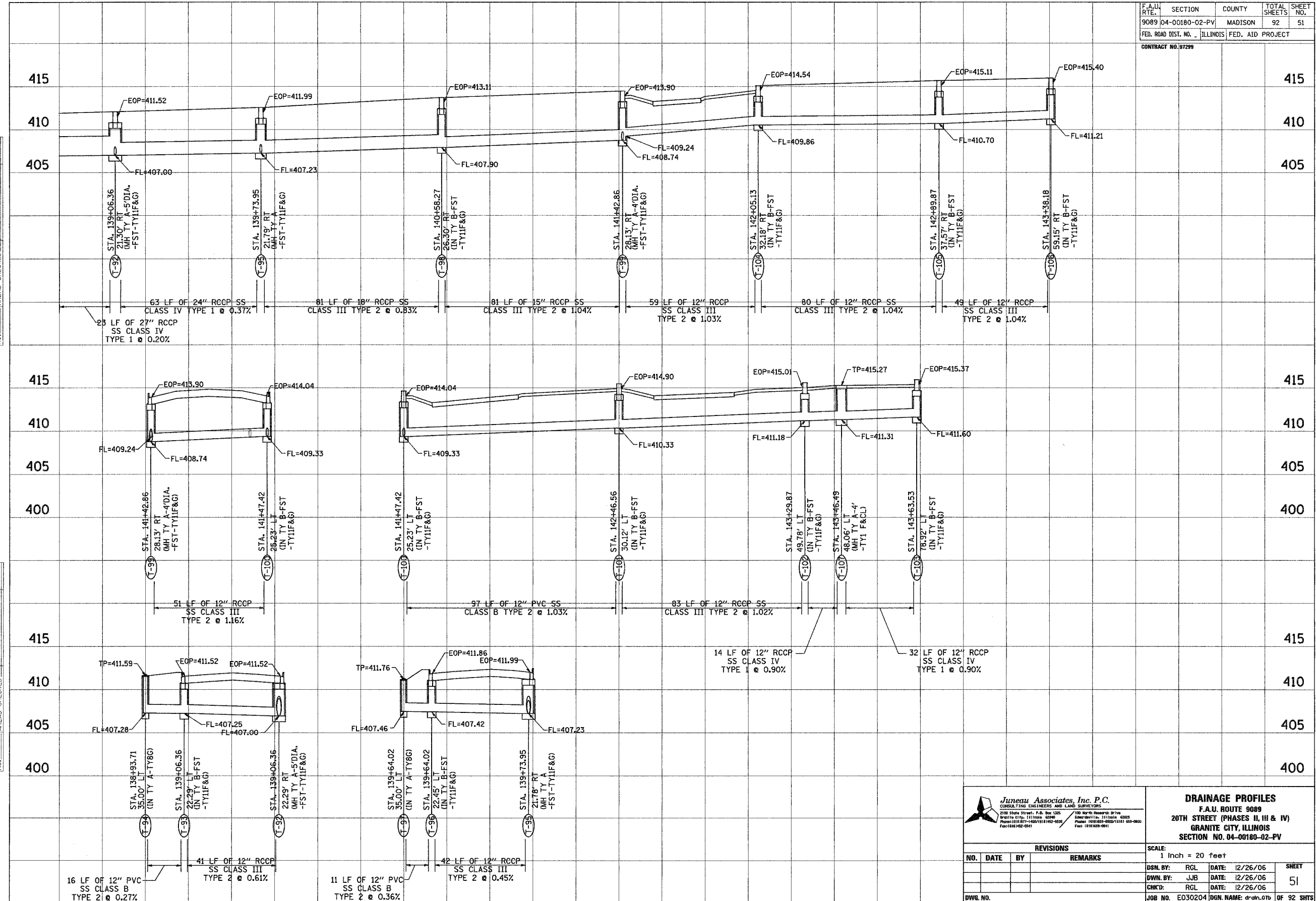
SCALE: 1 Inch = 20 feet			
DSN. BY: BFK	DATE: 12/26/06	SHEET	
DWN. BY: DAN	DATE: 12/26/06	50	
CHKD: BFK	DATE: 12/26/06		
JOB NO. E030204	DGN. NAME: drain_07	OF 92 SHTS	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9089	04-00180-02-PV	MADISON	92	51
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

CONTRACT NO. 97299

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
 Granite City, Illinois 62040
 Phone: (618) 652-1000 FAX: (618) 652-1001
 100 North Research Drive
 Edwardsville, Illinois 62025
 Phone: (618) 652-4000 FAX: (618) 652-4001

DRAINAGE PROFILES
 F.A.U. ROUTE 9089
 20TH STREET (PHASES II, III & IV)
 GRANITE CITY, ILLINOIS
 SECTION NO. 04-00180-02-PV

REVISIONS			
NO.	DATE	BY	REMARKS

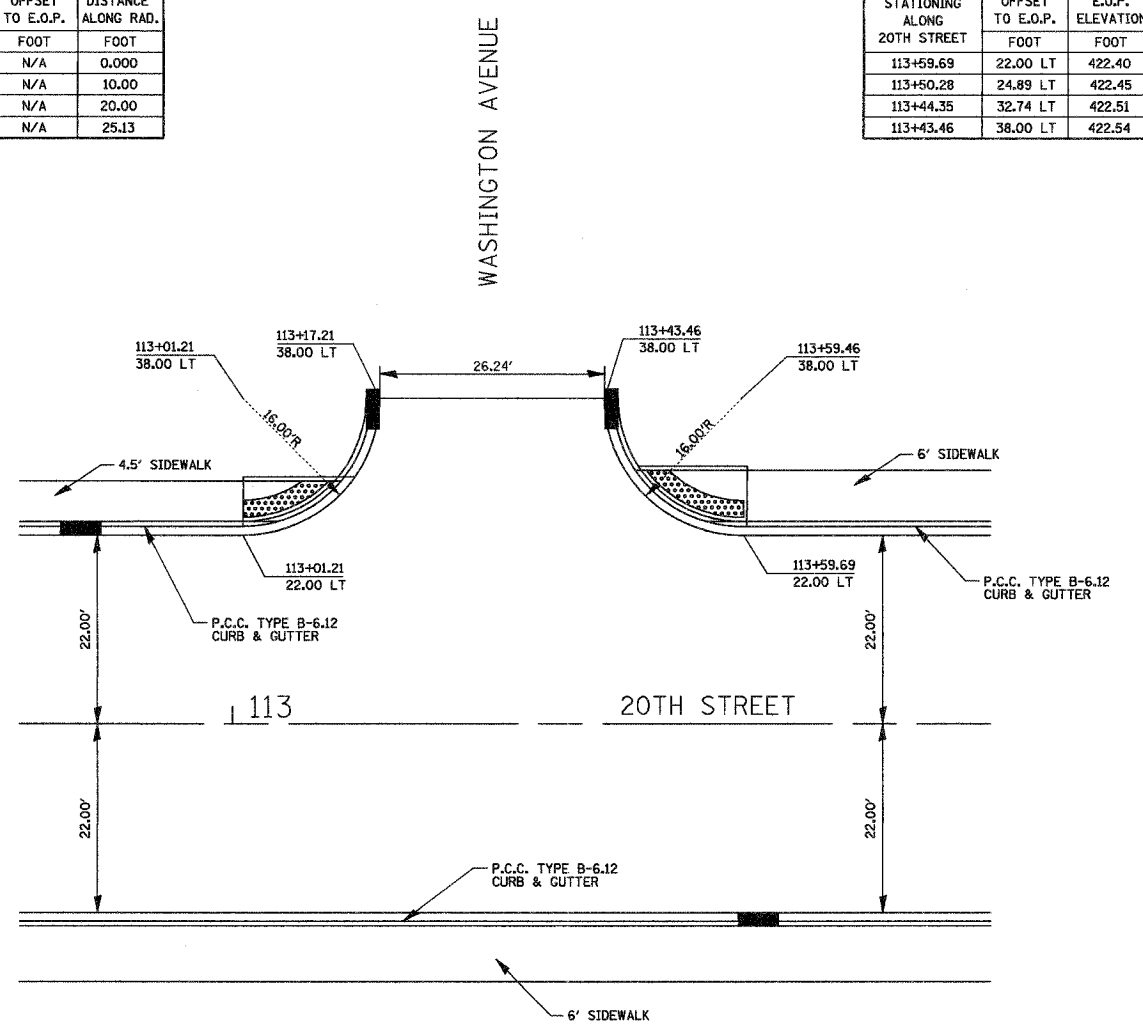
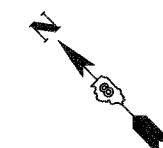
SCALE: 1 Inch = 20 feet

DSN. BY: RGL	DATE: 12/26/06	SHEET 51
DWN. BY: JJB	DATE: 12/26/06	
CHKD: RGL	DATE: 12/26/06	

DWG. NO. E030204 DGN. NAME: drain_07b OF 92 SHTS

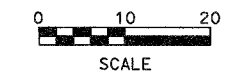
N QUADRANT					
STATIONING ALONG 20TH STREET	OFFSET TO E.O.P. FOOT	E.O.P. ELEVATION FOOT	STATIONING ALONG WASHINGTON AVE	OFFSET TO E.O.P. FOOT	DISTANCE ALONG RAD. FOOT
113+01.21	22.00 LT	422.66	N/A	N/A	0.000
113+10.57	25.03 LT	422.78	N/A	N/A	10.00
113+16.40	32.96 LT	422.90	N/A	N/A	20.00
113+17.21	38.00 LT	422.97	N/A	N/A	25.13

E QUADRANT					
STATIONING ALONG 20TH STREET	OFFSET TO E.O.P. FOOT	E.O.P. ELEVATION FOOT	STATIONING ALONG WASHINGTON AVE	OFFSET TO E.O.P. FOOT	DISTANCE ALONG RAD. FOOT
113+59.69	22.00 LT	422.40	N/A	N/A	0.000
113+50.28	24.89 LT	422.45	N/A	N/A	10.00
113+44.35	32.74 LT	422.51	N/A	N/A	20.00
113+43.46	38.00 LT	422.54	N/A	N/A	25.36



DATE	BY	SURVEYED	PLOTTED	NOTE BOOK	AREAS CHECKED

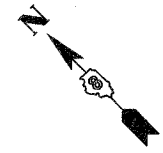
DATE	BY	ORIGINAL SURVEY	PLOTTED	NOTE BOOK	AREAS CHECKED



		GEOMETRICS F.A.U. ROUTE 9089 20TH STREET (PHASES II, III & IV) GRANITE CITY, ILLINOIS SECTION No. 04-00180-02-PV									
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 = 10 feet	
NO.	DATE	BY	REMARKS								
DSN. BY: BFK DWN. BY: JJB CHK'D: BFK		DATE: 12/26/06 DATE: 12/26/06 DATE: 12/26/06									
DWG. NO.		JOB NO. E030204 DGN. NAME: GEO.03 OF 92 SHTS									

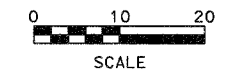
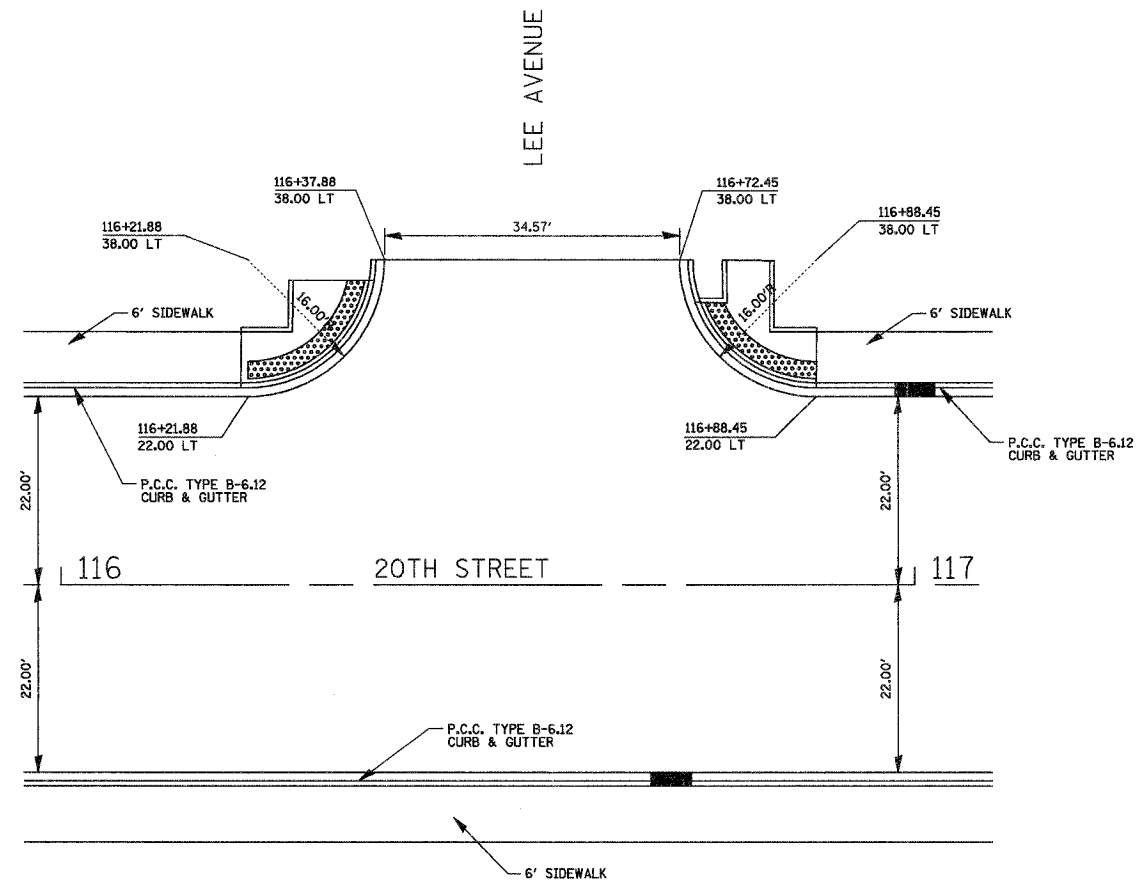
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9089	04-00180-02-PV	MADISON	92	53
FED. ROAD DIST. NO. _ ILLINOIS		FED. AID PROJECT		

CONTRACT NO. 97295



N QUADRANT					
STATIONING ALONG 20TH STREET	OFFSET TO E.O.P. FOOT	E.O.P. ELEVATION FOOT	STATIONING ALONG LEE AVENUE	OFFSET TO E.O.P. FOOT	DISTANCE ALONG RAD. FOOT
116+21.88	22.00 LT	421.22	N/A	N/A	0.000
116+31.24	25.03 LT	421.10	N/A	N/A	10.00
116+37.06	32.96 LT	420.98	N/A	N/A	20.00
116+37.88	38.00 LT	420.92	N/A	N/A	25.13

E QUADRANT					
STATIONING ALONG 20TH STREET	OFFSET TO E.O.P. FOOT	E.O.P. ELEVATION FOOT	STATIONING ALONG LEE AVENUE	OFFSET TO E.O.P. FOOT	DISTANCE ALONG RAD. FOOT
116+88.45	22.00 LT	420.70	N/A	N/A	0.000
116+79.09	25.02 LT	420.88	N/A	N/A	10.00
116+73.27	32.96 LT	421.06	N/A	N/A	20.00
116+72.45	38.00 LT	421.15	N/A	N/A	25.13



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
Granite City, IL 62040
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Fax: (618) 962-9511

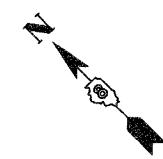
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F.A.U. ROUTE 9089
20TH STREET (PHASES II, III & IV)
GRANITE CITY, ILLINOIS
SECTION No. 04-00180-02-PV

REVISIONS			
NO.	DATE	BY	REMARKS

SCALE: 1 Inch = 10 feet			
DSN. BY:	BFK	DATE:	12/26/06
DWN. BY:	JJB	DATE:	12/26/06
CHKD:	BFK	DATE:	12/26/06
DWG. NO.	E030204	DGN. NAME:	CEO.04
SHEET		53	
OF 92 SHTS			

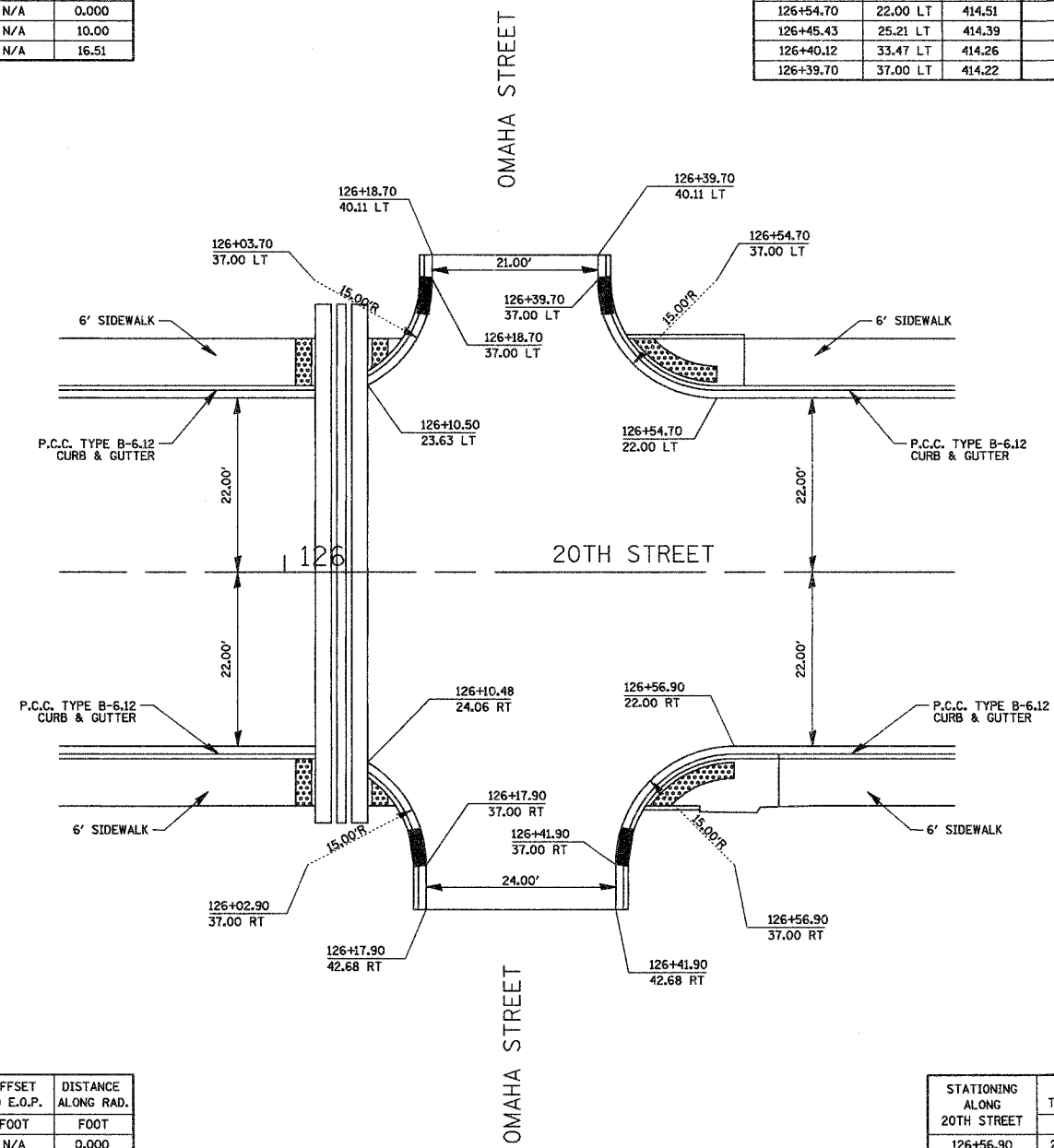
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FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 97299



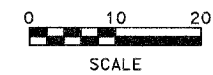
N QUADRANT					
STATIONING ALONG 20TH STREET	OFFSET TO E.O.P. FOOT	E.O.P. ELEVATION FOOT	STATIONING ALONG OMAHA STREET	OFFSET TO E.O.P. FOOT	DISTANCE ALONG RAD. FOOT
126+10.50	24.18 LT	414.42	N/A	N/A	0.000
126+17.31	30.69 LT	414.78	N/A	N/A	10.00
126+18.70	37.00 LT	414.83	N/A	N/A	16.51

E QUADRANT					
STATIONING ALONG 20TH STREET	OFFSET TO E.O.P. FOOT	E.O.P. ELEVATION FOOT	STATIONING ALONG OMAHA STREET	OFFSET TO E.O.P. FOOT	DISTANCE ALONG RAD. FOOT
126+54.70	22.00 LT	414.51	N/A	N/A	0.000
126+45.43	25.21 LT	414.39	N/A	N/A	10.00
126+40.12	33.47 LT	414.26	N/A	N/A	20.00
126+39.70	37.00 LT	414.22	N/A	N/A	23.56



W QUADRANT					
STATIONING ALONG 20TH STREET	OFFSET TO E.O.P. FOOT	E.O.P. ELEVATION FOOT	STATIONING ALONG OMAHA STREET	OFFSET TO E.O.P. FOOT	DISTANCE ALONG RAD. FOOT
126+10.48	24.62 RT	414.42	N/A	N/A	0.000
126+16.86	31.52 RT	414.63	N/A	N/A	10.00
126+17.90	37.00 RT	414.71	N/A	N/A	15.61

S QUADRANT					
STATIONING ALONG 20TH STREET	OFFSET TO E.O.P. FOOT	E.O.P. ELEVATION FOOT	STATIONING ALONG OMAHA STREET	OFFSET TO E.O.P. FOOT	DISTANCE ALONG RAD. FOOT
126+56.90	22.00 RT	414.51	N/A	N/A	0.000
126+47.62	25.21 RT	414.55	N/A	N/A	10.00
126+42.32	33.47 RT	414.59	N/A	N/A	20.00
126+41.90	37.00 RT	414.60	N/A	N/A	23.56



DATE	BY
DATE	BY
DATE	BY

DATE	BY
DATE	BY
DATE	BY

Juneau Associates, Inc. P.C.
CONSULTING ENGINEERS AND LAND SURVEYORS
2100 State Street, P.O. Box 1325
Granite City, Illinois 62041
Phone (618) 887-1100 / (618) 402-0335
Fax (618) 882-0341

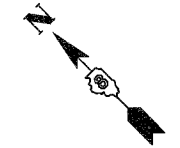
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F.A.U. ROUTE 9089
20TH STREET (PHASES II, III & IV)
GRANITE CITY, ILLINOIS
SECTION No. 04-00180-02-PV

REVISIONS			
NO.	DATE	BY	REMARKS

SCALE:	1 inch = 10 feet
DSN. BY:	BFK
DATE:	12/26/06
DWNL BY:	JJB
DATE:	12/26/06
CHK'D:	BFK
DATE:	12/26/06
JOB NO. E030204	DGN. NAME: GEO.05
OF 92 SHTS	

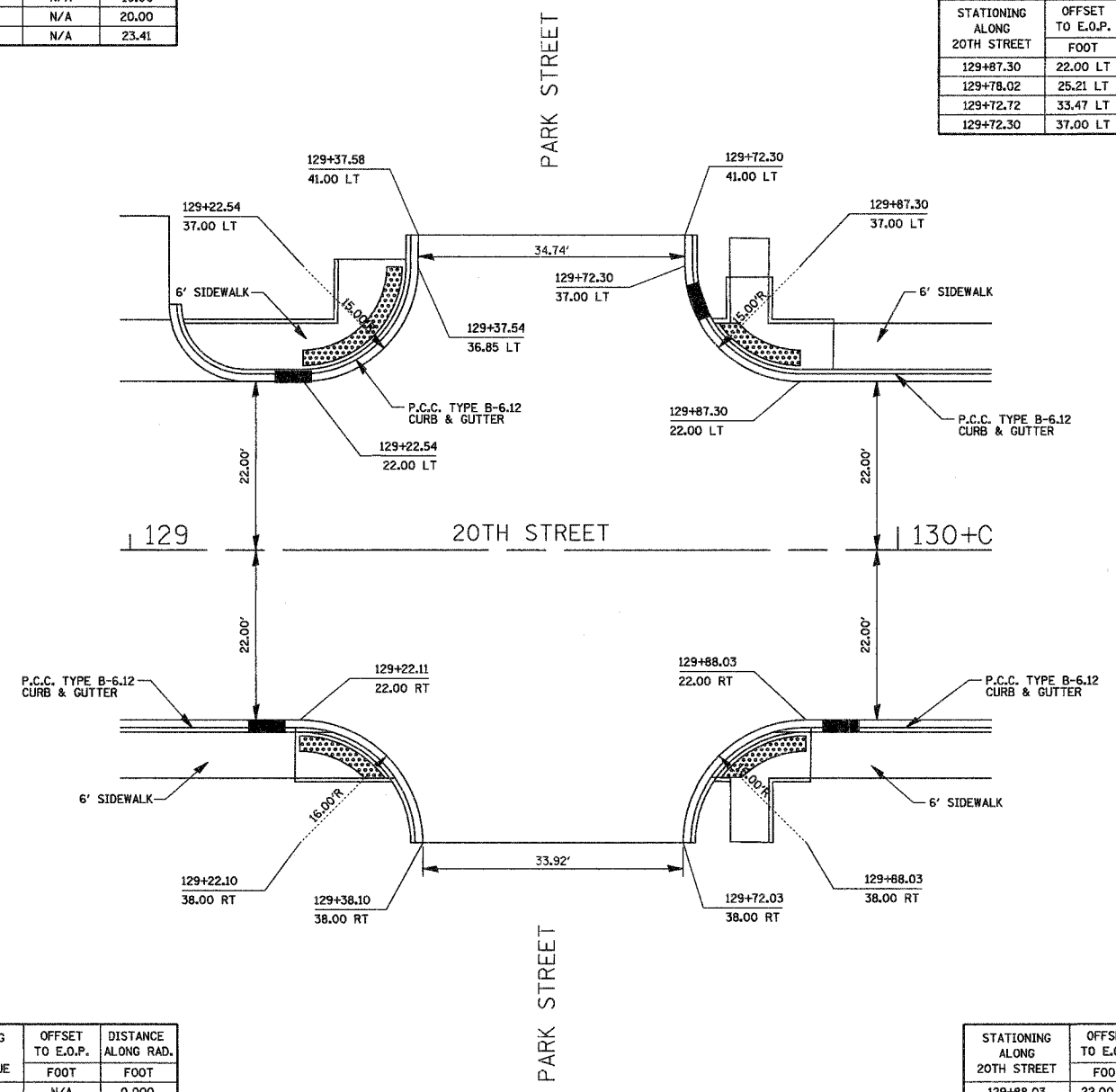
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FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 97289



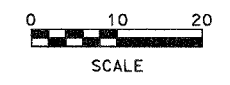
N QUADRANT					
STATIONING ALONG 20TH STREET	OFFSET TO E.O.P. FOOT	E.O.P. ELEVATION FOOT	STATIONING ALONG PARK AVENUE	OFFSET TO E.O.P. FOOT	DISTANCE ALONG RAD. FOOT
129+22.54	22.00 LT	413.23	N/A	N/A	0.000
129+31.81	25.21 LT	413.36	N/A	N/A	10.00
129+37.12	33.47 LT	413.49	N/A	N/A	20.00
129+37.54	36.85 LT	413.54	N/A	N/A	23.41

E QUADRANT					
STATIONING ALONG 20TH STREET	OFFSET TO E.O.P. FOOT	E.O.P. ELEVATION FOOT	STATIONING ALONG PARK AVENUE	OFFSET TO E.O.P. FOOT	DISTANCE ALONG RAD. FOOT
129+87.30	22.00 LT	412.90	N/A	N/A	0.000
129+78.02	25.21 LT	413.13	N/A	N/A	10.00
129+72.72	33.47 LT	413.37	N/A	N/A	20.00
129+72.30	37.00 LT	413.45	N/A	N/A	23.56



W QUADRANT					
STATIONING ALONG 20TH STREET	OFFSET TO E.O.P. FOOT	E.O.P. ELEVATION FOOT	STATIONING ALONG PARK AVENUE	OFFSET TO E.O.P. FOOT	DISTANCE ALONG RAD. FOOT
129+22.11	22.00 RT	413.23	N/A	N/A	0.000
129+31.47	25.03 RT	413.28	N/A	N/A	10.00
129+37.29	32.96 RT	413.34	N/A	N/A	20.00
129+38.10	38.00 RT	413.37	N/A	N/A	25.13

S QUADRANT					
STATIONING ALONG 20TH STREET	OFFSET TO E.O.P. FOOT	E.O.P. ELEVATION FOOT	STATIONING ALONG PARK AVENUE	OFFSET TO E.O.P. FOOT	DISTANCE ALONG RAD. FOOT
129+88.03	22.00 RT	412.90	N/A	N/A	0.000
129+78.67	25.03 RT	413.05	N/A	N/A	10.00
129+72.85	32.96 RT	413.19	N/A	N/A	20.00
129+72.03	38.00 RT	413.27	N/A	N/A	25.13



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.
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2108 State Street, P.O. Box 1125
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Phone: (618) 959-9271-9272-9273
Fax: (618) 959-9241

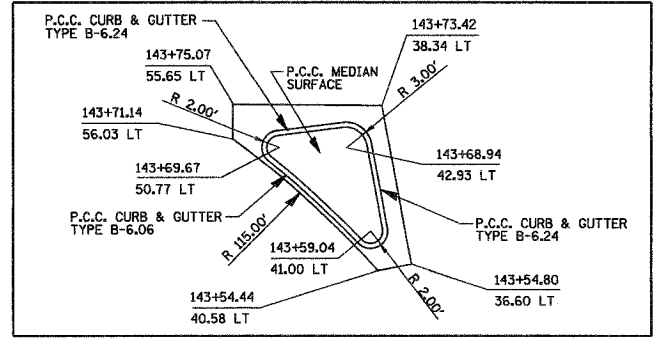
GEOMETRICS
F.A.U. ROUTE 9089
20TH STREET (PHASES II, III & IV)
GRANITE CITY, ILLINOIS
SECTION No. 04-00180-02-PV

REVISIONS			
NO.	DATE	BY	REMARKS

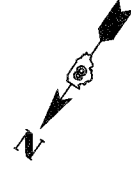
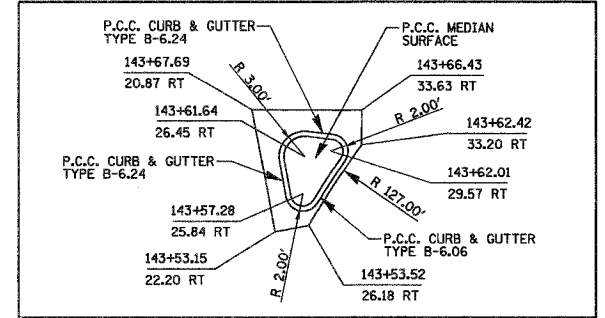
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DWN. BY: JJB	DATE: 12/26/06	55	
CHKD: BFK	DATE: 12/26/06		
DWG. NO. E030204	DGN. NAME: GEO.06	OF 92 SHTS	

CONTRACT NO. 97299

ISLAND DETAIL N QUADRANT (NOT TO SCALE)

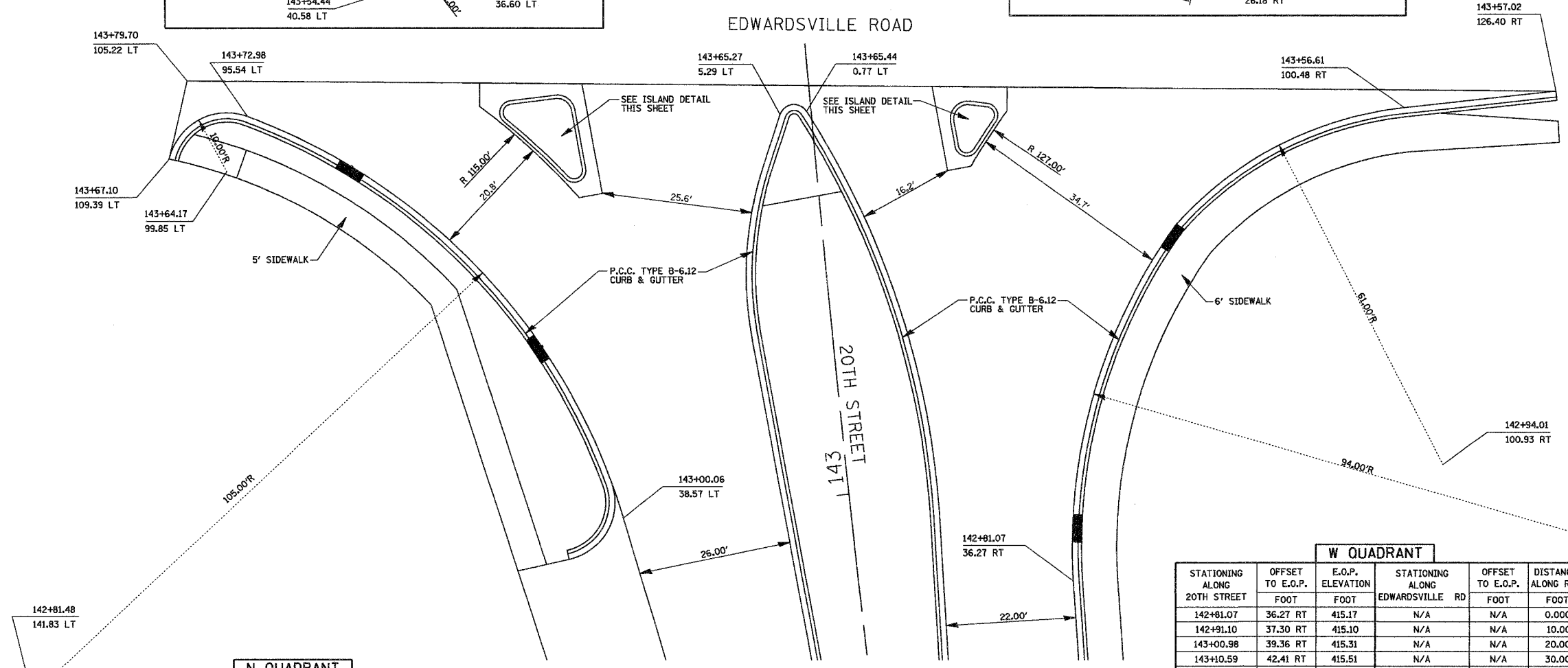


ISLAND DETAIL E QUADRANT (NOT TO SCALE)



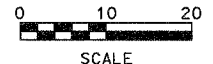
DATE	
BY	
ORIGINAL SURVEYED	
SURVEY PLOTTED	
NOTE BOOK TEMPLATE	
AREAS CHECKED	
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DATE	
BY	
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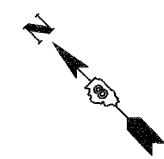
N QUADRANT					
STATIONING ALONG 20TH STREET	OFFSET TO E.O.P. FOOT	E.O.P. ELEVATION FOOT	STATIONING ALONG EDWARDSVILLE RD	OFFSET TO E.O.P. FOOT	DISTANCE ALONG RAD. FOOT
143+00.06	38.57 LT	415.24	N/A	N/A	0.000
143+09.69	40.88 LT	415.14	N/A	N/A	10.00
143+19.04	44.12 LT	415.04	N/A	N/A	20.00
143+28.03	48.28 LT	414.94	N/A	N/A	30.00
143+36.57	53.29 LT	415.09	N/A	N/A	40.00
143+44.57	59.13 LT	415.32	N/A	N/A	50.00
143+51.96	65.72 LT	415.55	N/A	N/A	60.00
143+58.69	73.01 LT	415.44	N/A	N/A	70.00
143+64.67	80.93 LT	415.42	N/A	N/A	80.00
143+69.87	89.40 LT	415.60	N/A	N/A	90.00
143+73.84	98.48 LT	415.77	N/A	N/A	100.00
143+70.52	107.45 LT	415.95	N/A	N/A	110.00
143+67.10	109.39 LT	416.02	N/A	N/A	114.04

W QUADRANT					
STATIONING ALONG 20TH STREET	OFFSET TO E.O.P. FOOT	E.O.P. ELEVATION FOOT	STATIONING ALONG EDWARDSVILLE RD	OFFSET TO E.O.P. FOOT	DISTANCE ALONG RAD. FOOT
142+81.07	36.27 RT	415.17	N/A	N/A	0.000
142+91.10	37.30 RT	415.10	N/A	N/A	10.00
143+00.98	39.36 RT	415.31	N/A	N/A	20.00
143+10.59	42.41 RT	415.51	N/A	N/A	30.00
143+19.85	46.44 RT	415.71	N/A	N/A	40.00
143+28.63	51.40 RT	415.56	N/A	N/A	50.00
143+36.86	57.24 RT	415.41	N/A	N/A	60.00
143+43.90	64.39 RT	415.47	N/A	N/A	70.00
143+49.37	72.81 RT	415.57	N/A	N/A	80.00
143+53.38	81.99 RT	415.68	N/A	N/A	90.00
143+55.82	91.69 RT	415.79	N/A	N/A	100.00
143+56.61	100.48 RT	415.88	N/A	N/A	108.83



<p>Juneau Associates, Inc. P.C. CONSULTING ENGINEERS AND LAND SURVEYORS 2108 South Street, P.O. Box 1025 Granite City, Illinois 62040 Phone: (618) 377-4070 / (618) 462-0039 Fax: (618) 462-5541</p>		<p>GEOMETRICS F.A.U. ROUTE 9089 20TH STREET (PHASES II, III & IV) GRANITE CITY, ILLINOIS SECTION No. 04-00180-02-PV</p>	
<p>SCALE: 1 inch = 10 feet</p>			
<p>NO. DATE BY</p>		<p>REMARKS</p>	
<p>DSN. BY: BFK DATE: 12/26/06</p>		<p>SHEET 56</p>	
<p>DWN. BY: JJB DATE: 12/26/06</p>		<p>CHKD: BFK DATE: 12/26/06</p>	
<p>DWG. NO.</p>		<p>JOB NO. E030204 DGN. NAME: GEO.07 OF 92 SHTS</p>	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9089	04-00180-02-PV	MADISON	92	57
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
CONTRACT NO. 97299				

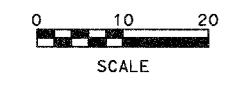
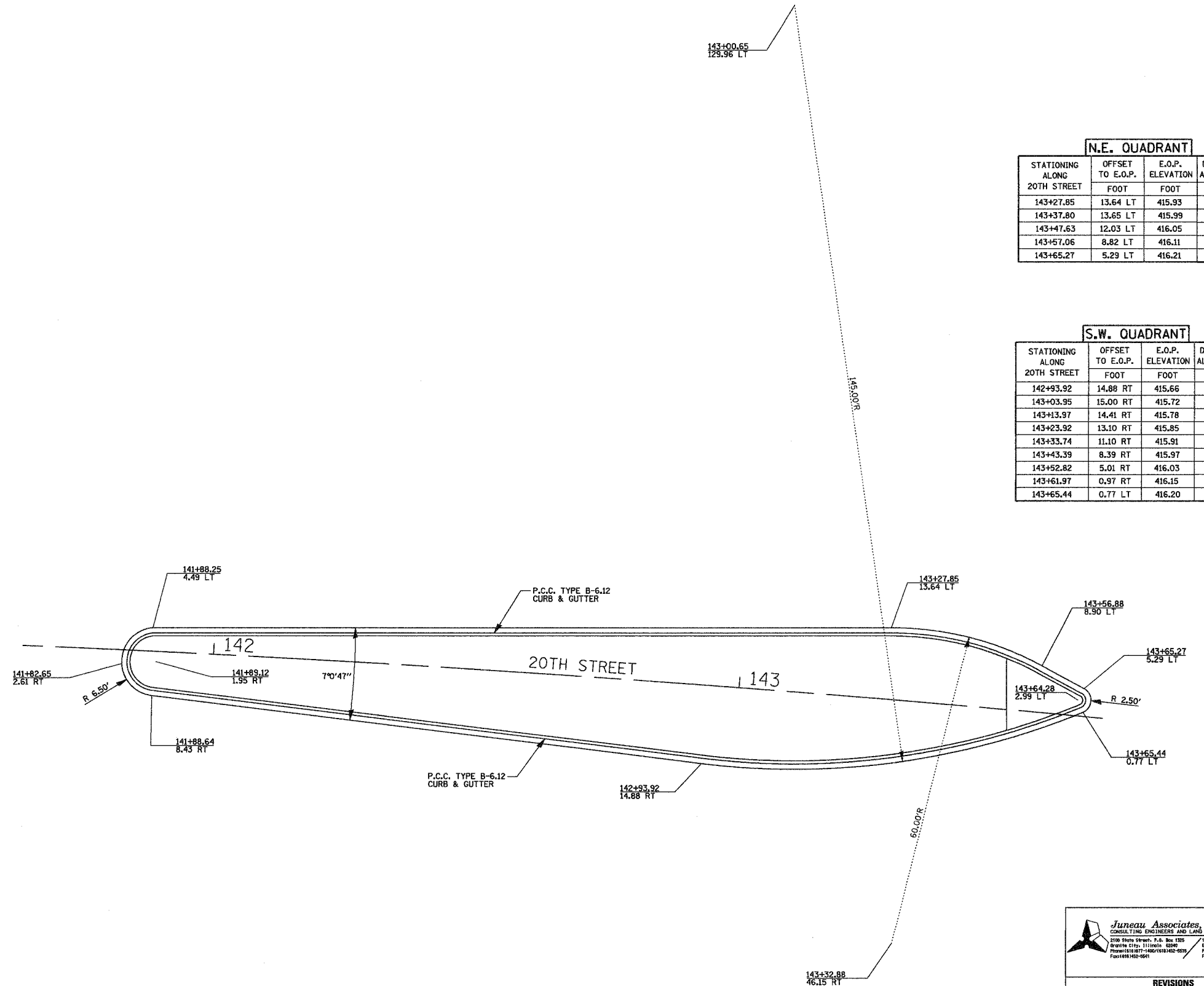


N.E. QUADRANT

STATIONING ALONG 20TH STREET	OFFSET TO E.O.P. FOOT	E.O.P. ELEVATION FOOT	DISTANCE ALONG RAD. FOOT
143+27.85	13.64 LT	415.93	0.000
143+37.80	13.65 LT	415.99	10.00
143+47.63	12.03 LT	416.05	20.00
143+57.06	8.82 LT	416.11	30.00
143+65.27	5.29 LT	416.21	38.94

S.W. QUADRANT

STATIONING ALONG 20TH STREET	OFFSET TO E.O.P. FOOT	E.O.P. ELEVATION FOOT	DISTANCE ALONG RAD. FOOT
142+93.92	14.88 RT	415.66	0.000
143+03.95	15.00 RT	415.72	10.00
143+13.97	14.41 RT	415.78	20.00
143+23.92	13.10 RT	415.85	30.00
143+33.74	11.10 RT	415.91	40.00
143+43.39	8.39 RT	415.97	50.00
143+52.82	5.01 RT	416.03	60.00
143+61.97	0.97 RT	416.15	70.00
143+65.44	0.77 LT	416.20	73.88



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

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

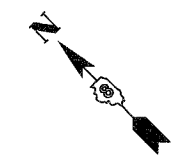
Juneau Associates, Inc. P.C.
CONSULTING ENGINEERS AND LAND SURVEYORS
2100 State Street, P.O. Box 1205 Granite City, Illinois 62040
Phone: (618) 937-1400 / (618) 937-4200 Fax: (618) 937-2641
100 North Main Street, Suite 200 Granite City, Illinois 62040
Phone: (618) 937-1400 / (618) 937-4200 Fax: (618) 937-2641

GEOMETRICS
F.A.U. ROUTE 9089
20TH STREET (PHASES II, III & IV)
GRANITE CITY, ILLINOIS
SECTION No. 04-00180-02-PV

REVISIONS			
NO.	DATE	BY	REMARKS

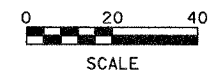
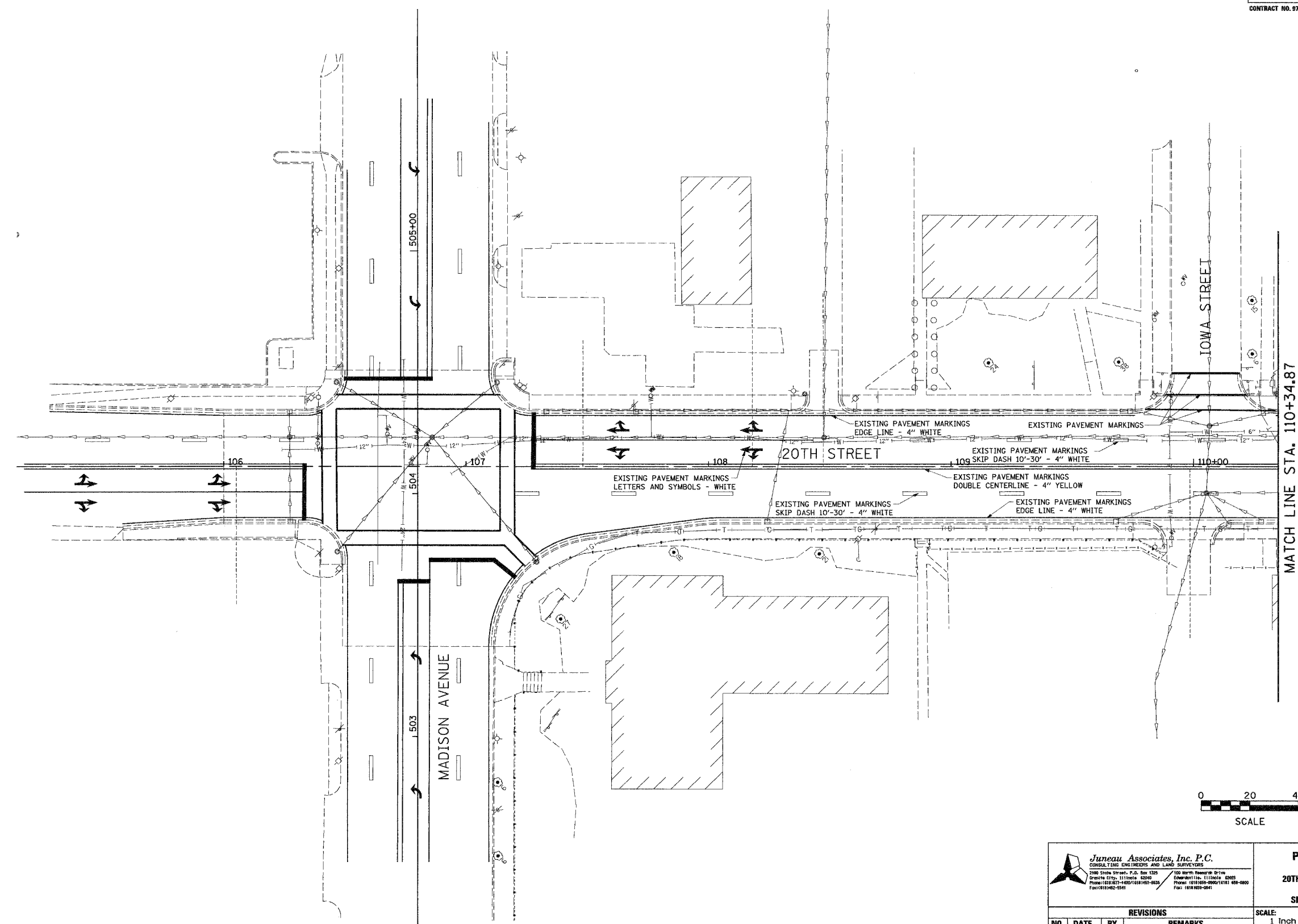
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DSN. BY: BFK	DATE: 12/26/06
DWN. BY: JJB	DATE: 12/26/06
CHKD: BFK	DATE: 12/26/06
JOB NO. E030204	DGN. NAME: GED_08
SHEET 57 OF 92 SHTS	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9089	04-00180-02-PV	MADISON	92	58
FED. ROAD DIST. NO.	ILLINOIS		FED. AID PROJECT	
CONTRACT NO. 97299				



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, P.O. Box 1200
Granite City, Illinois 62040
Phone: (618) 953-4500 Fax: (618) 953-4541

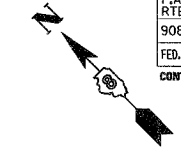
PAVEMENT MARKINGS
F.A.U. ROUTE 9089
20TH STREET (PHASES II, III & IV)
GRANITE CITY, ILLINOIS
SECTION No. 04-00180-01-PV

REVISIONS			
NO.	DATE	BY	REMARKS

SCALE: 1 inch = 20 feet			
DSN. BY:	BFK	DATE:	12/26/06
DWN. BY:	DAN	DATE:	12/26/06
CHKD:	BFK	DATE:	12/26/06
JOB NO.	E030204	DGN. NAME:	PMARK.01
		OF 92 SHTS	

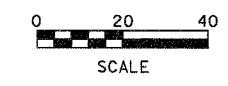
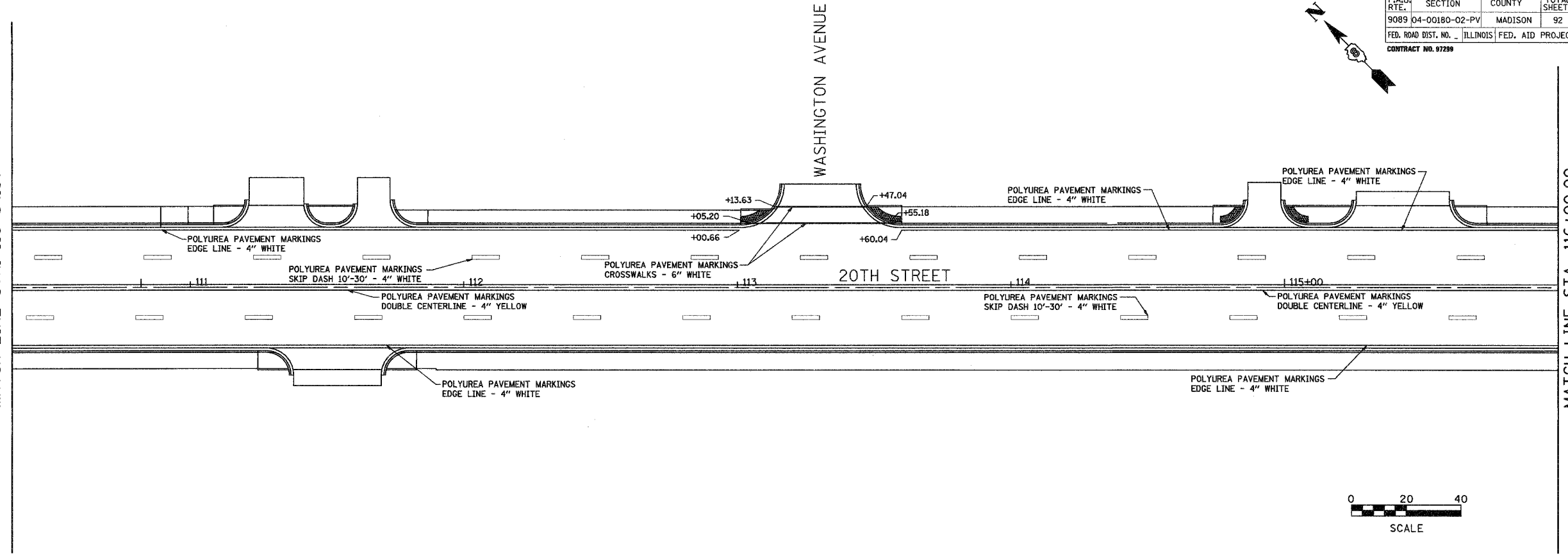
SHEET 58

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9089	04-00180-02-PV	MADISON	92	59
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				
CONTRACT NO. 97299				



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

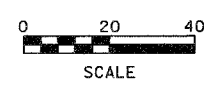
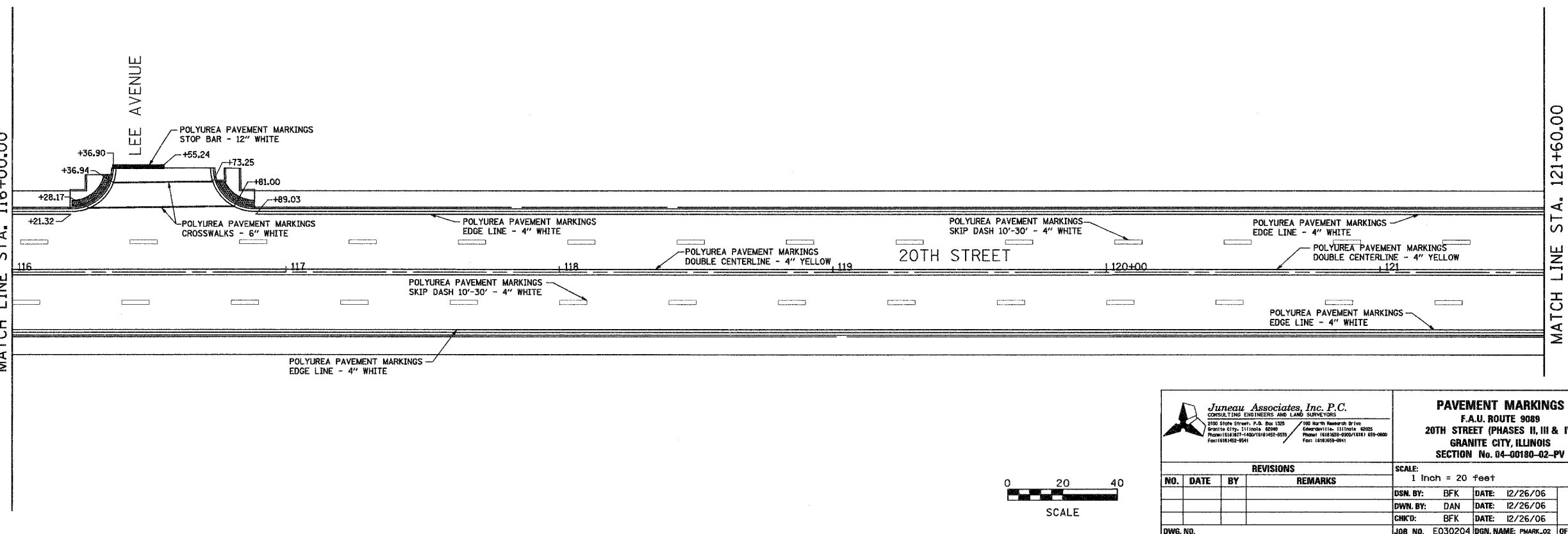
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MATCH LINE STA. 116+00.00

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

MATCH LINE STA. 116+00.00



MATCH LINE STA. 121+60.00

Juneau Associates, Inc. P.C.
CONSULTING ENGINEERS AND LAND SURVEYORS
200 State Street, P.O. Box 1205
Granite City, Illinois 62040
Phone: (618) 952-4400 / (618) 952-4405
Fax: (618) 952-4541

PAVEMENT MARKINGS
F.A.U. ROUTE 9089
20TH STREET (PHASES II, III & IV)
GRANITE CITY, ILLINOIS
SECTION No. 04-00180-02-PV

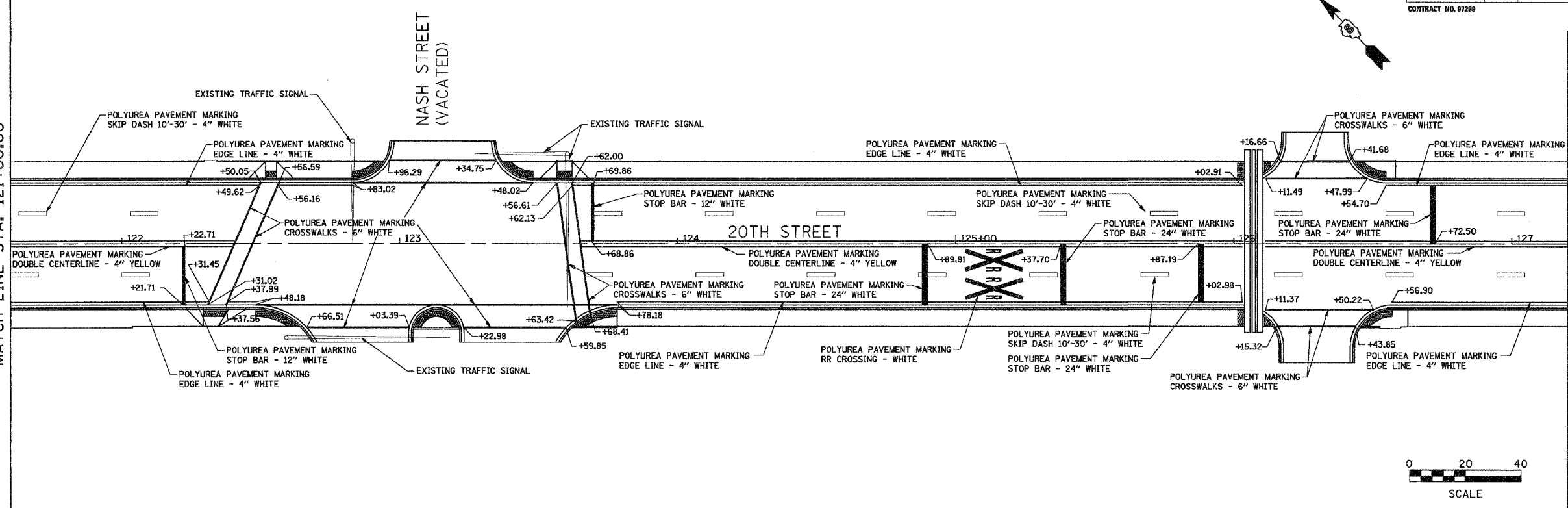
REVISIONS			
NO.	DATE	BY	REMARKS

SCALE: 1 Inch = 20 feet			
DSN. BY: BFK	DATE: 12/26/06	SHEET	
DWN. BY: DAN	DATE: 12/26/06	59	
CHKD: BFK	DATE: 12/26/06		
DWG. NO. E030204	DGN. NAME: PMARK_02	OF 92 SHTS	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9089	04-00180-02-PV	MADISON	92	60
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 97299				

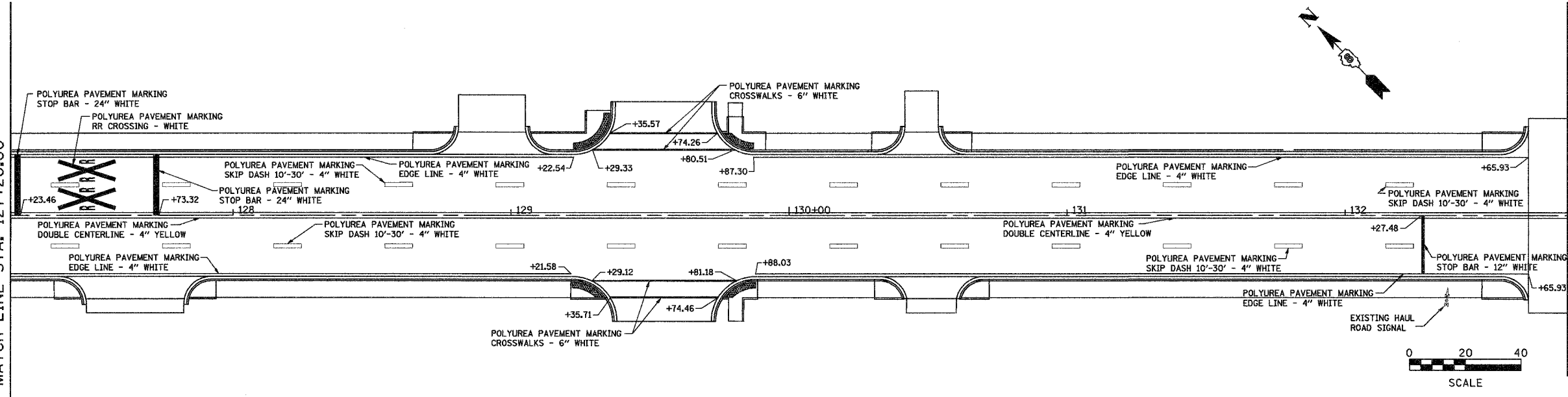
DATE	BY
ORIGINAL SURVEYED	
SURVEY PLOTTED	
NOTE BOOK TEMPLATE	
AREAS CHECKED	
NO.	

MATCH LINE STA. 121+60.00



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

MATCH LINE STA. 127+20.00



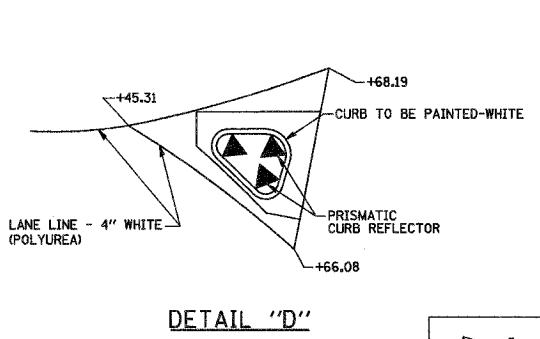
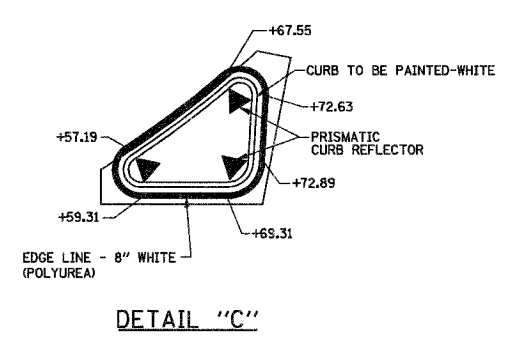
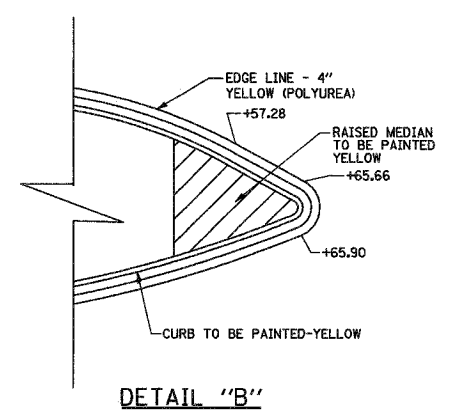
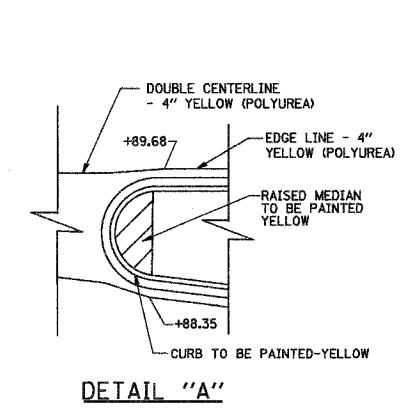
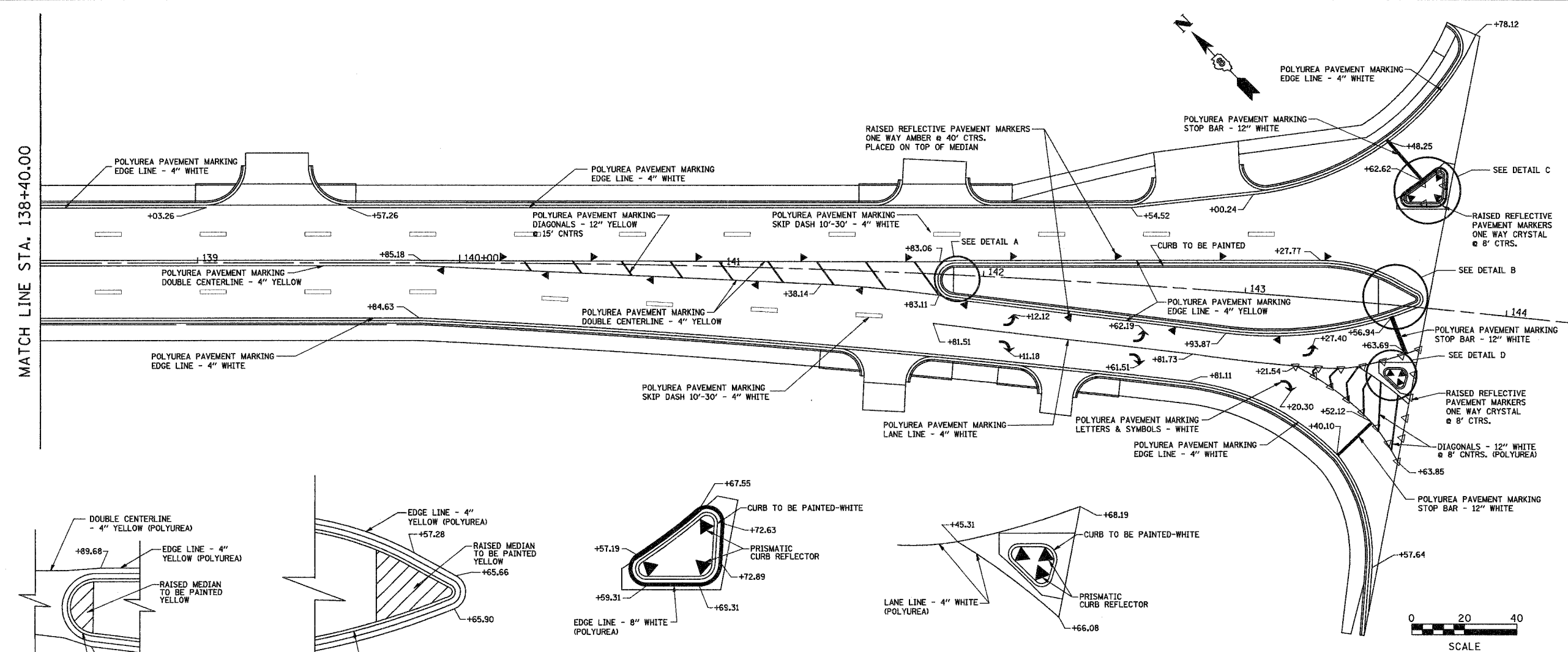
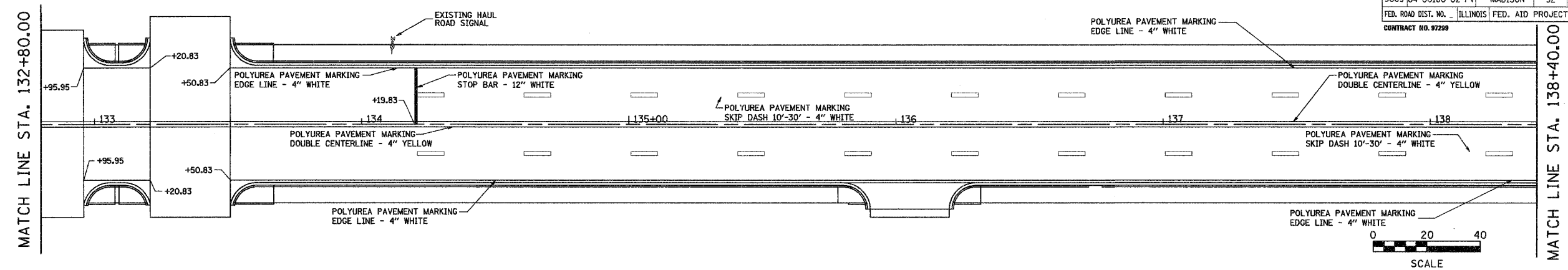
Juneau Associates, Inc. P.C.
CONSULTING ENGINEERS AND LAND SURVEYORS
2100 State Street, P.O. Box 1305 100 North Mansfield Drive
Deerfield, IL 60015-1305 Deerfield, IL 60015-1305
Phone: 815-948-4890/4842-4400 Fax: 815-948-0541

PAVEMENT MARKINGS
F.A.U. ROUTE 9089
20TH STREET (PHASES II, III & IV)
GRANITE CITY, ILLINOIS
SECTION No. 04-00180-02-PV

REVISIONS			
NO.	DATE	BY	REMARKS
DWG. NO.			

SCALE: 1 Inch = 20 Feet		SHEET 60
DSN. BY: BFK	DATE: 12/26/06	
DWN. BY: DAN	DATE: 12/26/06	
CHKD: BFK	DATE: 12/26/06	
JOB NO. E030204	DGN. NAME: PMARK_03	OF 92 SHTS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9089	04-00180-02-PV	MADISON	92	61
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 97299				



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.
CONSULTING ENGINEERS AND LAND SURVEYORS
2120 Shaw Street, P.O. Box 1325
Granite City, Illinois 62041
Phone: (618) 887-1400 / (618) 482-0335
Fax: (618) 482-0341

100 North Waterloo Drive
Granite City, Illinois 62041
Phone: (618) 888-0900 / (618) 455-0800
Fax: (618) 888-0911

PAVEMENT MARKINGS
F.A.U. ROUTE 9089
20TH STREET (PHASES II, III & IV)
GRANITE CITY, ILLINOIS
SECTION No. 04-00180-02-PV

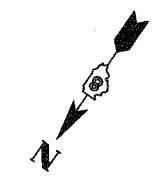
REVISIONS			
NO.	DATE	BY	REMARKS

SCALE: 1 inch = 20 feet	
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DWN. BY: DAN	DATE: 12/26/06
CHK'D: BFK	DATE: 12/26/06
JOB NO. E030204	DGN. NAME: PMARK_04

SHEET 61 OF 92 SHTS

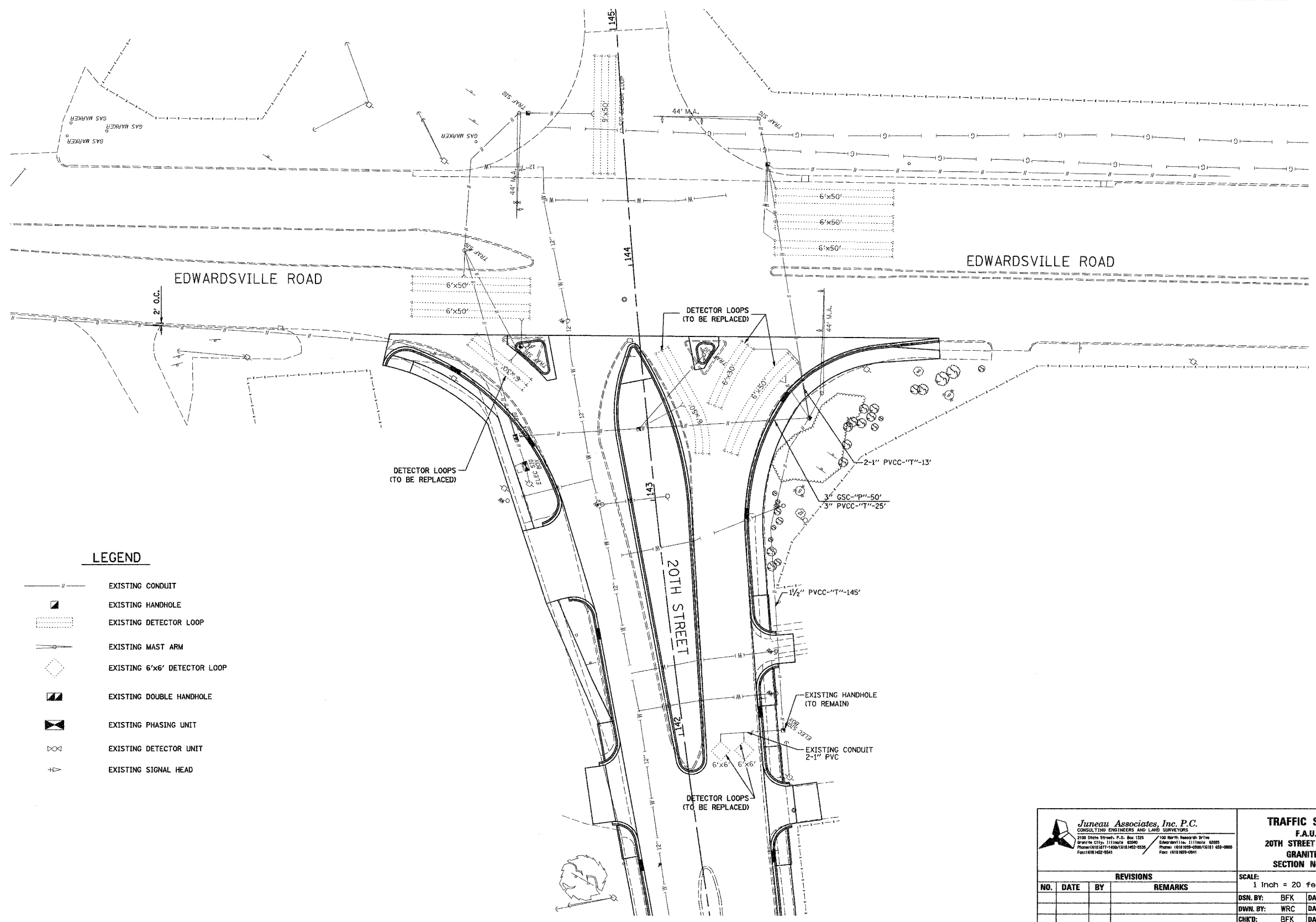
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9089	04-00180-02-PV	MADISON	92	62
FED. ROAD DIST. NO. - ILLINOIS		FED. AID PROJECT		

CONTRACT NO. 97299



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

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



LEGEND

	EXISTING CONDUIT
	EXISTING HANDHOLE
	EXISTING DETECTOR LOOP
	EXISTING MAST ARM
	EXISTING 6'x6' DETECTOR LOOP
	EXISTING DOUBLE HANDHOLE
	EXISTING PHASING UNIT
	EXISTING DETECTOR UNIT
	EXISTING SIGNAL HEAD

Juneau Associates, Inc. P.C.
CONSULTING ENGINEERS AND LAND SURVEYORS
2108 State Street, P.O. Box 1151
Granite City, Illinois 62040
Phone: (618) 957-1500 / (618) 957-0535
Fax: (618) 957-0541

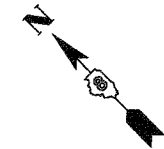
TRAFFIC SIGNAL DETAILS
F.A.U. ROUTE 9089
20TH STREET (PHASES II, III & IV)
GRANITE CITY, ILLINOIS
SECTION No. 04-00180-02-PV

SCALE: 1 inch = 20 feet

DSN. BY: BFK	DATE: 12/26/06	SHEET
DWN. BY: WRC	DATE: 12/26/06	62
CHK'D: BFK	DATE: 12/26/06	
JOB NO. E030204	DGN. NAME: SGN.D1	OF 92 SHTS

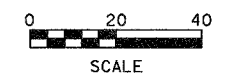
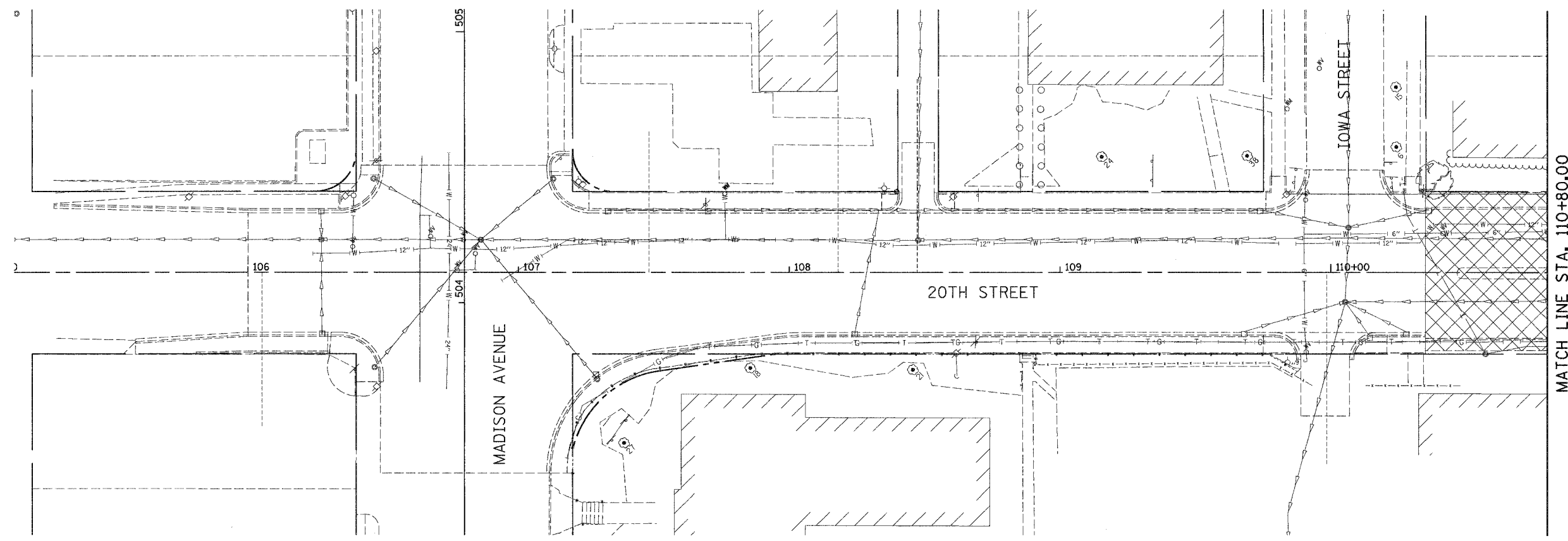
REVISIONS			
NO.	DATE	BY	REMARKS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9089	04-00180-02-PV	MADISON	92	63
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 97289				



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

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

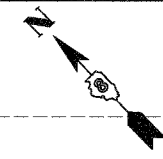


LEGEND

REMOVAL
 (TBR) - TO BE REMOVED
 (TBA) - TO BE ABANDONED
 (TBR&RBO) - TO BE REMOVED AND REPLACED BY OTHERS

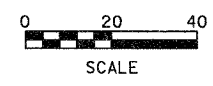
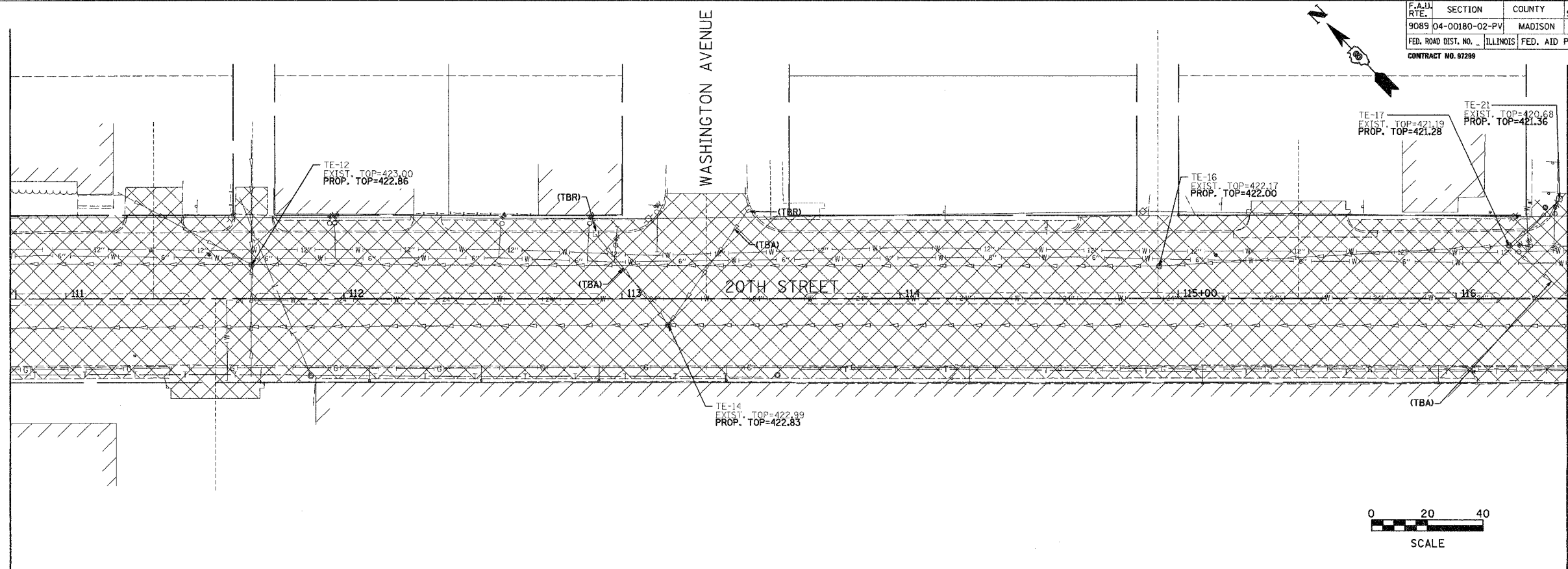
Juneau Associates, Inc. P.C. <small>CONSULTING ENGINEERS AND LAND SURVEYORS</small> <small>2303 Stone Street, P.O. Box 1207 Granite City, Illinois 62040 Phone: 618-939-1100/1482-6332 Fax: 618-939-0541</small>		REMOVAL F.A.U. ROUTE 9089 20TH STREET (PHASES II, III & IV) GRANITE CITY, ILLINOIS SECTION No. 04-00180-02-PV																	
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: 1 inch = 20 feet	
NO.	DATE	BY	REMARKS																
DSN. BY: BFK DATE: 12/26/06 DWN. BY: DAN DATE: 12/26/06 CHKD: BFK DATE: 12/26/06 DWG. NO.		SHEET 63 JOB NO. E030204 DGN. NAME: REM_06 OF 92 SHTS																	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9089 04-00180-02-PV		MADISON	92	64
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
			CONTRACT NO. 97299	



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

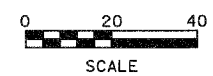
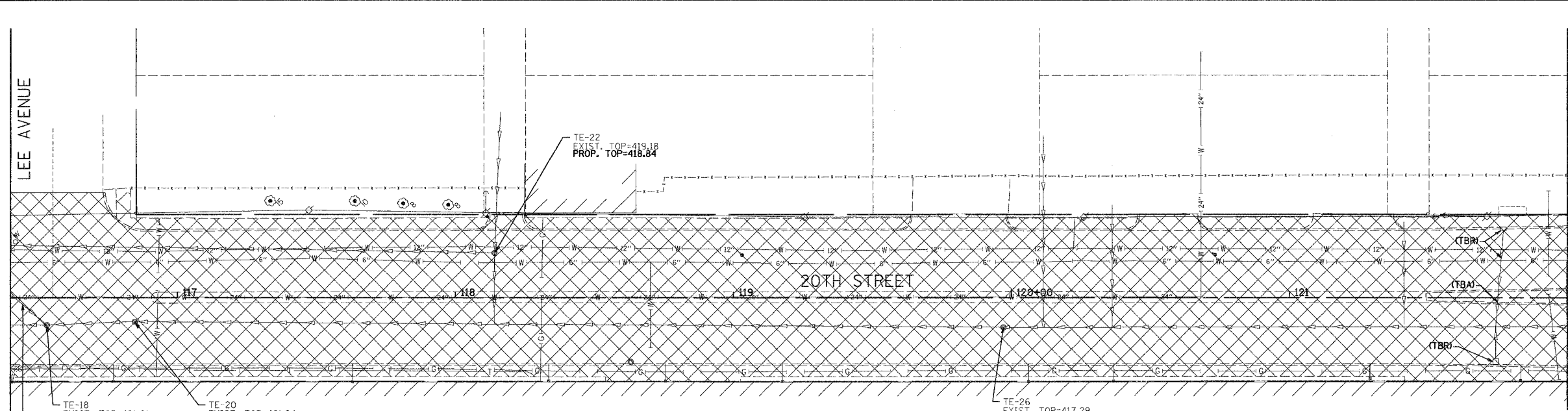
MATCH LINE STA. 110+80.00



MATCH LINE STA. 116+40.00

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

MATCH LINE STA. 116+40.00



MATCH LINE STA. 122+00.00

LEGEND

REMOVAL

(TBR) - TO BE REMOVED

(TBA) - TO BE ABANDONED

(TBR&RBO) - TO BE REMOVED AND REPLACED BY OTHERS

Juneau Associates, Inc. P.C.
CONSULTING ENGINEERS AND LAND SURVEYORS
2100 State Street, P.O. Box 1205
Granite City, Illinois 62041
Phone: (618) 277-4400 / (618) 402-0035
Fax: (618) 208-2501

100 North Madison Drive
Edwardsville, Illinois 62025
Phone: (618) 669-9900 / (618) 495-0000
Fax: (618) 669-0001

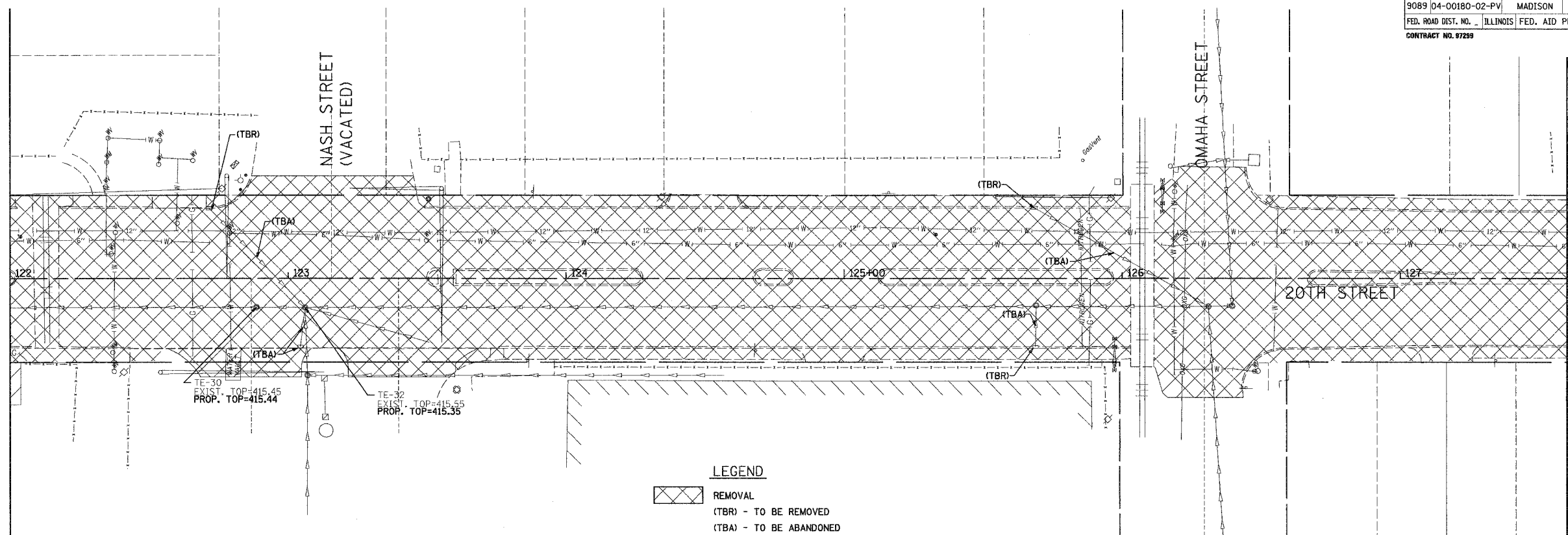
REMOVAL	
F.A.U. ROUTE 9089	
20TH STREET (PHASES II, III & IV)	
GRANITE CITY, ILLINOIS	
SECTION No. 04-00180-02-PV	
SCALE: 1 inch = 20 feet	
DSN. BY: BFK	DATE: 12/26/06
DWN. BY: DAN	DATE: 12/26/06
CHKD: BFK	DATE: 12/26/06
JOB NO. E030204	DGN. NAME: REM.02a
SHEET 64 OF 92 SHTS	

REVISIONS			
NO.	DATE	BY	REMARKS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9089 04-00180-02-PV		MADISON	92	65
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 97299				

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

MATCH LINE STA. 122+00.00

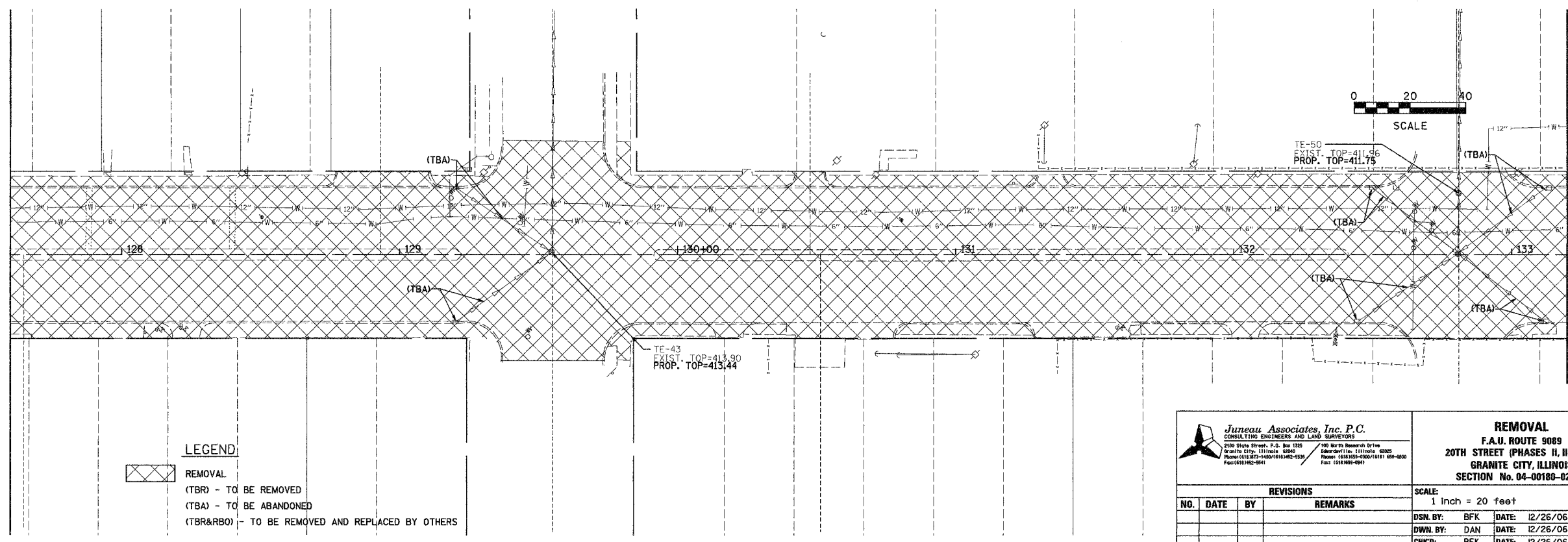


LEGEND
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 (TBR) - TO BE REMOVED
 (TBA) - TO BE ABANDONED
 (TBR&RBO) - TO BE REMOVED AND REPLACED BY OTHERS

MATCH LINE STA. 127+60.00

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

MATCH LINE STA. 127+60.00



LEGEND
 REMOVAL
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 (TBA) - TO BE ABANDONED
 (TBR&RBO) - TO BE REMOVED AND REPLACED BY OTHERS

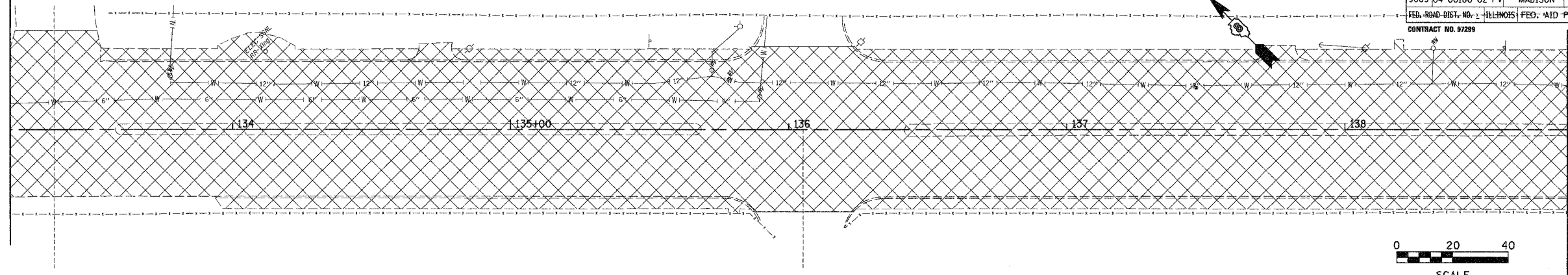
MATCH LINE STA. 133+20.00

<p>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) 462-9235 Fax (618) 877-9941</p>		<p>REMOVAL F.A.U. ROUTE 9089 20TH STREET (PHASES II, III & IV) GRANITE CITY, ILLINOIS SECTION No. 04-00180-02-PV</p>	
<p>NO. DATE BY REMARKS</p>		<p>SCALE: 1 inch = 20 feet</p>	
<p>DSN. BY: BFK DATE: 12/26/06</p>		<p>SHEET 65</p>	
<p>DWN. BY: DAN DATE: 12/26/06</p>		<p>CHK'D: BFK DATE: 12/26/06</p>	
<p>DWG. NO.</p>		<p>JOB NO. E030204 DGN. NAME: REM_02b OF 92 SHTS</p>	

F.A.U. SECTION COUNTY TOTAL SHEETS SHEET NO.
 9089 04-00180-02-PV MADISON 92 66
 FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT
 CONTRACT NO. 97299

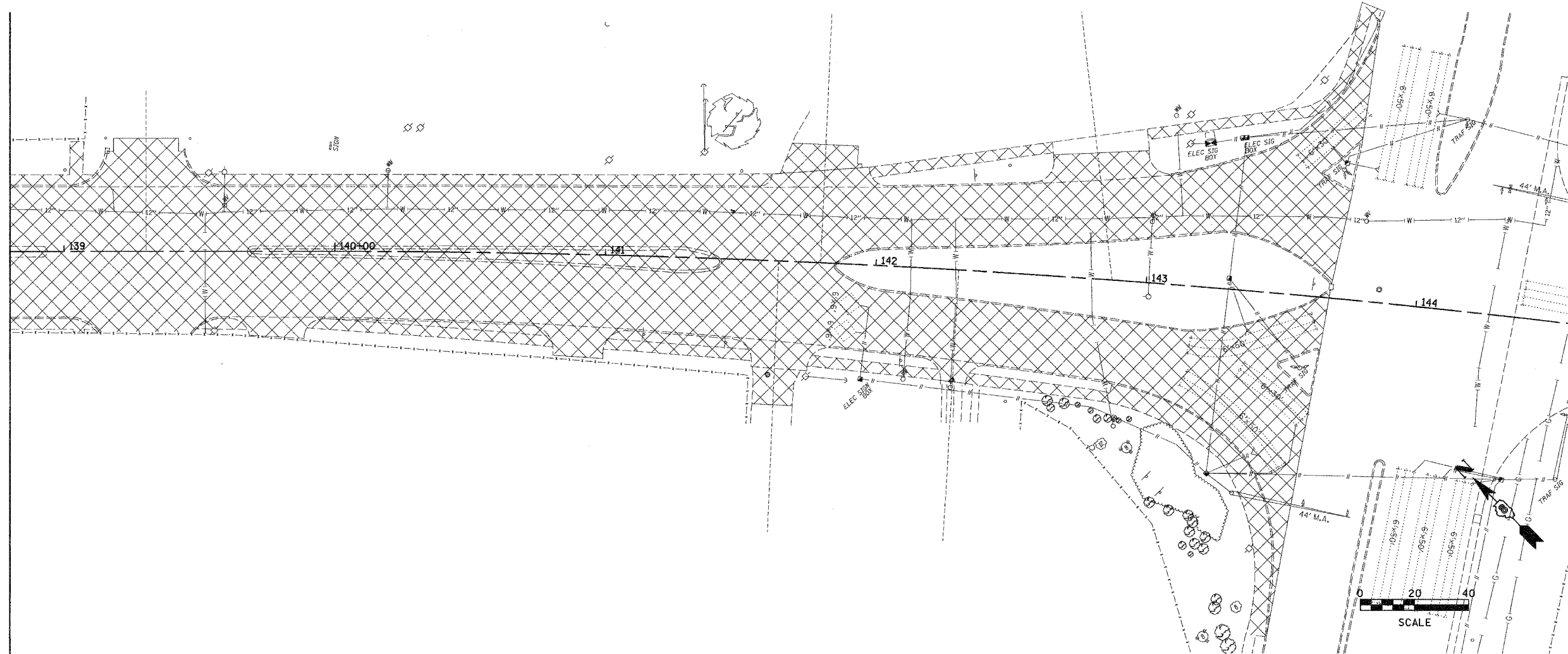
MATCH LINE STA. 133+20.00

MATCH LINE STA. 138+80.00





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

MATCH LINE STA. 138+80.00



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

LEGEND
 REMOVAL
 (TBR) - TO BE REMOVED
 (TBR&R) - TO BE REMOVED AND REPLACED
 (TBR&RBO) - TO BE REMOVED AND REPLACED BY OTHERS

 Juneau Associates, Inc. P.C. CONSULTING ENGINEERS AND LAND SURVEYORS 2150 State Street, P.O. Box 1325 Granite City, Illinois 62040 Phone: (618) 937-4400 / (618) 937-0305 Fax: (618) 937-0501 100 North Hancock Drive Granite City, Illinois 62040 Phone: (618) 938-0900 / (618) 938-0900 Fax: (618) 938-0901		REMOVAL F.A.U. ROUTE 9089 20TH STREET (PHASES II, III & IV) GRANITE CITY, ILLINOIS SECTION No. 04-00180-02-PV																	
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: 1 Inch = 20 feet DSN. BY: BFK DATE: 12/26/06 DWL. BY: DAN DATE: 12/26/06 CHK'D: BFK DATE: 12/26/06 JOB NO. E030204 DGN. NAME: REM_04b OF 92 SHTS	
NO.	DATE	BY	REMARKS																

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9089 04-00180-02-PV		MADISON	92	67
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 97299

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 AND TEMPORARY EROSION CONTROL ADDITIONALLY SUPPLEMENT THIS PLAN.

SITE DESCRIPTION
DESCRIPTION OF CONSTRUCTION ACTIVITY:

1. THE PROJECT CONSISTS OF RECONSTRUCTION AND CONSTRUCTION OF ROADWAYS.
2. CONSTRUCTION INCLUDES MODIFICATIONS TO EXISTING STORM WATER , INSTALLATION OF STORM SEWERS.

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 INLET PIPE PROTECTION.
3. FINAL GRADING, PAVING AND OTHER MISCELLANEOUS ITEMS.

AREA OF CONSTRUCTION SITE:

THE TOTAL AREA OF THE CONSTRUCTION SITE IS ESTIMATED TO BE 5 ACRES OF WHICH 5 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. NAMEOKI DITCH

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 DAY.
 - (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.

Ed. Hagan
MAYOR

2-26-07
DATE

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

ORIGINAL SURVEY	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 1255 Granite City, Illinois 62040 Phone: (618) 977-1400 / (618) 942-6531 Fax: (618) 942-0941 100 North Research Drive Edwardsville, Illinois 62025 Phone: (618) 358-0900 / (618) 495-0900 Fax: (618) 358-0941		EROSION AND SEDIMENT CONTROL F.A.U. ROUTE 9089 20TH STREET (PHASES II, III & IV) GRANITE CITY, ILLINOIS SECTION No. 04-00180-02-PV																	
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: 1 inch = 20 feet DSN. BY: BFK DATE: 12/26/06 SHEET DWN. BY: DAN DATE: 12/26/06 67 CHK'D: BFK DATE: 12/26/06 DWG. NO. JOB NO. 030204 DGN. NAME: ECHOTES OF 92 SHTS	
NO.	DATE	BY	REMARKS																

CONTRACT NO. 97289

DESCRIPTION OF STABILIZATION PRACTICES DURING CONSTRUCTION:

1. DURING CONSTRUCTION, AREAS OUTSIDE THE CONSTRUCTION LIMITS AS OUTLINED PREVIOUSLY HEREIN SHALL BE PROTECTED. THE CONTRACTOR SHALL NOT USE THIS AREA FOR STAGING (EXCEPT AS DESCRIBED ON THE PLANS AND DIRECTED BY THE ENGINEER), PARKING OF VEHICLES OR CONSTRUCTION EQUIPMENT, STORAGE OF MATERIALS, OR OTHER CONSTRUCTION RELATED ACTIVITIES.

(A.) WITHIN THE CONSTRUCTION LIMITS, AREAS WHICH MAY BE SUSCEPTIBLE TO EROSION AS DETERMINED BY THE ENGINEER SHALL REMAIN UNDISTURBED UNTIL FULL SCALE CONSTRUCTION IS UNDERWAY TO PREVENT UNNECESSARY SOIL EROSION

(B.) EARTH STOCKPILES SHALL BE TEMPORARILY SEEDED IF THEY ARE TO REMAIN UNUSED FOR MORE THAN FOURTEEN DAYS.

(C.) AS CONSTRUCTION PROCEEDS, THE CONTRACTOR SHALL INSTITUTE THE FOLLOWING AS DIRECTED BY THE ENGINEER:

I. PLACE TEMPORARY EROSION CONTROL FACILITIES AT LOCATIONS SHOWN ON THE PLANS.

II. TEMPORARILY SEED ERODABLE BARE EARTH ON A WEEKLY BASIS TO MINIMIZE THE AMOUNT OF ERODABLE SURFACE AREA WITHIN THE CONTRACT LIMITS.

III. CONSTRUCT ROADSIDE DITCHES AND PROVIDE TEMPORARY EROSION CONTROL SYSTEMS.

IV. TEMPORARILY DIVERT WATER AROUND PROPOSED CULVERT LOCATION.

V. BUILD NECESSARY EMBANKMENT AT PROPOSED LOCATIONS.

VI. CONTINUE BUILDING UP THE EMBANKMENT TO THE PROPOSED GRADE WHILE AT THE SAME TIME PLACING PERMANENT CONTROL SUCH AS RIPRAP DITCH LINING AND CONDUCTING FINAL SHAPING TO THE SLOPES.

(D.) EXCAVATED AREAS AND EMBANKMENT SHALL BE PERMANENTLY SEEDED IMMEDIATELY AFTER FINAL GRADING. IF NOT, THEY SHALL BE TEMPORARILY SEEDED IF NO CONSTRUCTION ACTIVITY IN THE AREA IS PLANNED FOR 7 DAYS.

(E.) CONSTRUCTION EQUIPMENT SHALL BE STORED AND FUELED ONLY AT DESIGNATED LOCATIONS. ALL NECESSARY MEASURES SHALL BE TAKEN TO CONTAIN ANY FUEL OF OTHER POLLUTANT IN ACCORDANCE WITH EPA WATER QUALITY REGULATIONS. LEAKING EQUIPMENT OR SUPPLIES SHALL BE IMMEDIATELY REPAIRED OR REMOVED FROM THE SITE.

(F.) THE RESIDENT ENGINEER SHALL INSPECT THE PROJECT DAILY DURING CONSTRUCTION ACTIVITIES. INSPECTION SHALL ALSO BE DONE WEEKLY AND AFTER RAINS OF 1/2 INCH OR GREATER OR EQUIVALENT SNOWFALL AND DURING THE WINTER SHUTDOWN PERIOD. THE PROJECT SHALL BE ADDITIONALLY BE INSPECTED BY THE CONSTRUCTION FIELD ENGINEER ON A BI-WEEKLY BASIS TO DETERMINE THAT EROSION CONTROL EFFORTS ARE IN PLACE AND EFFECTIVE AND IF OTHER EROSION CONTROL WORK IS NECESSARY.

(G.) SEDIMENT COLLECTED DURING CONSTRUCTION OF THE VARIOUS TEMPORARY EROSION CONTROL SYSTEMS SHALL BE DISPOSED OF ON THE SITE ON A REGULAR BASIS AS DIRECTED BY THE ENGINEER. THE COST OF THIS MAINTENANCE SHALL BE INCLUDED IN THE UNIT BID PRICE FOR EARTH EXCAVATION.

(H.) THE TEMPORARY EROSION CONTROL SYSTEMS SHALL BE REMOVED AS DIRECTED BY THE ENGINEER AFTER USE IS NO LONGER NEEDED OR NO LONGER FUNCTIONING. THE COST OF THIS REMOVAL SHALL BE INCLUDED IN THE UNIT BID PRICE FOR TEMPORARY EROSION CONTROL SYSTEM.

DESCRIPTION OF STRUCTURAL PRACTICES AFTER FINAL GRADING:

1. TEMPORARY EROSION CONTROL SYSTEMS SHALL BE LEFT IN PLACE WITH PROPER MAINTENANCE UNTIL PERMANENT EROSION CONTROL IS IN PLACE AND WORKING PROPERLY AND ALL PROPOSED TURF AREAS ARE SEEDED AND ESTABLISHED.

2. ONCE PERMANENT EROSION CONTROL SYSTEM AS PROPOSED IN THE PLANS ARE FUNCTIONAL AND ESTABLISHED, TEMPORARY ITEMS SHALL BE REMOVED, CLEANED UP, AND DISTURBED TURF AREAS RESEEDED.

MAINTENANCE AFTER CONSTRUCTION:

1. CONSTRUCTION IS COMPLETE AFTER ACCEPTANCE BY I.D.O.T. FINAL INSPECTION. MAINTENANCE UP TO THIS DATE WILL BE BY THE CONTRACTOR.

MISCELLANEOUS:

1. RECOMMENDED SPACING OF DITCH CHECK MATERIALS BASED UPON THE PERCENT OF SLOPE ACCORDING TO THE FOLLOWING TABLE:

DITCH CHECK SPACING

% SLOPE	(D)	(X)
	HT. AT CENTER/ OVERFLOW PT. OF DITCH CHECK	SPACING OF DITCH CHECK IN FEET
8%	12"	13
	18"	20
	24"	26
7%	12"	14
	18"	21
	24"	28
6%	12"	17
	18"	26
	24"	34
5%	12"	20
	18"	30
	24"	40
4%	12"	25
	18"	38
	24"	50
3%	12"	33
	18"	50
	24"	66
2%	12"	50
	18"	75
	24"	100
1% & BELOW	12"	100
	18"	150
	24"	200

2. CONSTRUCT PERIMETER EROSION CONTROL AT THE BEGINNING OF CONSTRUCTION. REMOVE ALL TEMPORARY CONTROL AT THE END OF CONSTRUCTION.

3. TEMPORARY DITCH CHECKS SHALL BE LOCATED AT EVERY 1.5 FOOT OF FALL/RISE IN THE DITCH GRADE.

4. TEMPORARY DITCH CHECKS, AGGREGATE USES GRADING NO. 3. REMOVE AT THE END OF CONSTRUCTION.

5. TEMPORARY EROSION CONTROL SEEDING SHALL BE APPLIED AT THE RATE OF 100 LBS. PER ACRE.

6. MULCH AS APPLIED TO TEMPORARY EROSION CONTROL SEEDING SHALL BE THE METHOD SPECIFIED IN THE CONTRACT AND AT THE DIRECTION OF THE ENGINEER. MULCH WILL BE PAID SEPARATELY AND SHALL CONFORM TO SECTION 251 OF THE STANDARD SPECIFICATIONS.

7. ALL AREAS DISTURBED FOR ANY REASON SHALL BE SEEDED WITH CLASS 1 SEEDING, MULCH, AND NECESSARY NUTRIENTS AS DIRECTED BY THE ENGINEER. SEEDING AND NUTRIENTS SHALL CONFORM TO SECTION 250 AND MULCH SHALL CONFORM TO SECTION 251 USING METHOD 2. THIS WORK WILL BE PAID FOR AS "SEEDING, CLASS 1", WHICH WILL INCLUDE MULCH AND NUTRIENTS.

8. TEMPORARY SEEDING AND/OR TEMPORARY MULCH SHALL BE COMPLETED ON A WEEKLY BASIS ON EXPOSED GROUND AND SHALL BE DONE ACCORDING TO SECTION 280 OF THE STANDARD SPECIFICATIONS. TEMPORARY EROSION CONTROL SEEDING SHALL BE APPLIED AT A RATE OF 100 LBS PER ACRE. THIS WORK WILL BE PAID FOR AS "TEMPORARY EROSION CONTROL SEEDING". TEMPORARY EROSION CONTROL MULCH SHALL BE DONE ACCORDING TO SECTION 280 OF THE STANDARD SPECIFICATIONS. THIS WORK WILL BE PAID AS "TEMPORARY EROSION CONTROL SEEDING". TEMPORARY EROSION CONTROL MULCH SHALL BE DONE ACCORDING TO SECTION 280 OF THE STANDARD SPECIFICATIONS. THIS WORK WILL BE PAID AS "TEMPORARY EROSION CONTROL MULCH".

9. STRAW BALES, HAY BALES, PERIMETER EROSION BARRIER, AND SILT FENCES WILL NOT BE PERMITTED FOR TEMPORARY OR PERMANENT DITCH CHECKS. DITCH CHECKS SHALL BE CHOSEN FROM THE DEPARTMENT'S APPROVED PRODUCTS LIST. THE ONLY PRODUCTS APPROVED ARE ENVIROBERM, TRIANGULAR SILT DIKE, GEORIDGE, AND ROLLED EXCELSIOR. ROLLED EXCELSIOR MUST COMPLY WITH THE SPECIFICATIONS OUTLINED IN THE IDOT, BUREAU OF DESIGN AND ENVIRONMENT MANUAL (BDE). AGGREGATE DITCH CHECKS CAN BE USED WHERE SPECIFIED.

10. ALL EROSION CONTROL PRODUCTS FURNISHED SHALL BE SPECIFICALLY RECOMMENDED BY THE MANUFACTURER FOR THE USE SPECIFIED IN THE EROSION CONTROL PLANS. PRIOR TO THE APPROVAL AND THE USE OF THE PRODUCT, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER A NOTARIZED CERTIFICATION BY THE PRODUCER STATING THE INTENDED USE OF THE PRODUCT AND THAT THE PHYSICAL PROPERTIES REQUIRED FOR THIS APPLICATION ARE MET OR EXCEEDED. THE CONTRACTOR SHALL PROVIDE MANUFACTURER INSTALLATION PROCEDURES TO FACILITATE THE ENGINEER IN THE CONSTRUCTION INSPECTION.


11. THE QUANTITIES AND SPACING SHOWN IN PLANS WERE BASED ON AN ASSUMED VALUE OF D=2'. QUANTITIES AND SPACING MAY CHANGE DEPENDING ON ACTUAL D. USE FORMULA BELOW TO DETERMINE SPACING OF QUANTITIES. X=D/7% SLOPE

12. FOR DITCH SLOPES >8% USE AGGREGATE DITCH CHECKS.

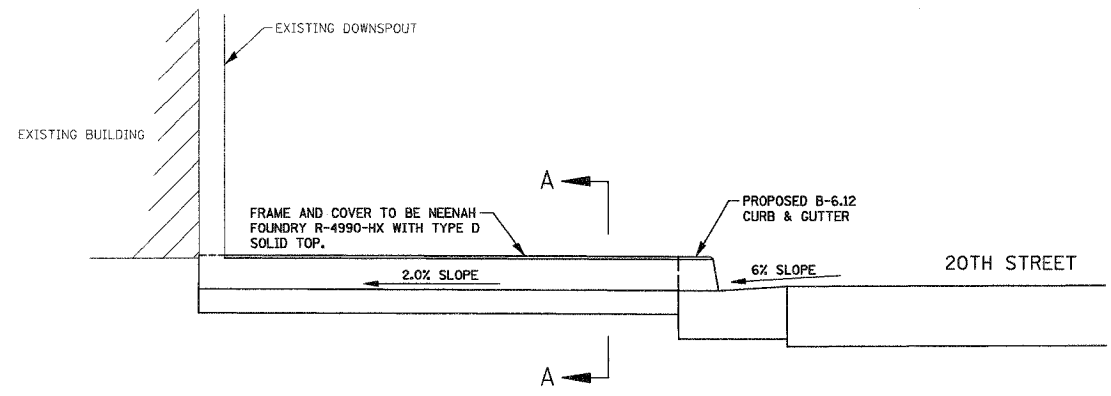
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FINAL SURVEY PLOTTED	
NOTE BOOK TEMPLATE	
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NO.	

BY	DATE
ORIGINAL SURVEY PLOTTED	
NOTE BOOK TEMPLATE	
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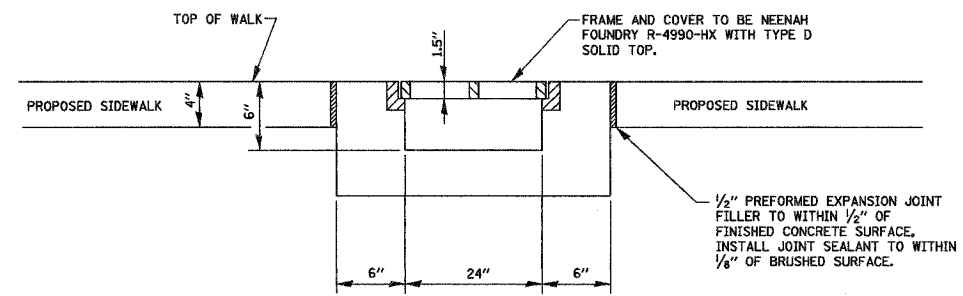
NOTE: ALL ITEMS SHALL BE CONSTRUCTED AS SHOWN ON STANDARD 280001 AND AS DIRECTED BY THE ENGINEER. MAINTENANCE AND CLEANING OF THE EROSION CONTROL ITEMS SHALL BE INCLUDED IN THE RESPECTIVE EROSION CONTROL PAY ITEM.

 Juneau Associates, Inc. P.C. CONSULTING ENGINEERS AND LAND SURVEYORS 2300 State Street, P.O. Box 1235 Granite City, Illinois 62040 Phone: (618) 952-1500/1501/1502-0505 Fax: (618) 952-0541 100 North Main Street Granite City, Illinois 62040 Phone: (618) 952-0500/0501/0502-0505 Fax: (618) 952-0541		EROSION AND SEDIMENT CONTROL F.A.U. ROUTE 9089 20TH STREET (PHASES II, III & IV) GRANITE CITY, ILLINOIS SECTION No. 04-00180-02-PV	
REVISIONS		SCALE: 1 Inch = 20 feet	
NO.	DATE	BY	REMARKS
DSN. BY: BFK		DATE: 12/26/06	
DWN. BY: DAN		DATE: 12/26/06	
CHKD: BFK		DATE: 12/26/06	
DWG. NO.		JOB NO. 030204 DGN. NAME: GENNOTES OF 92 SHTS	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 87299				

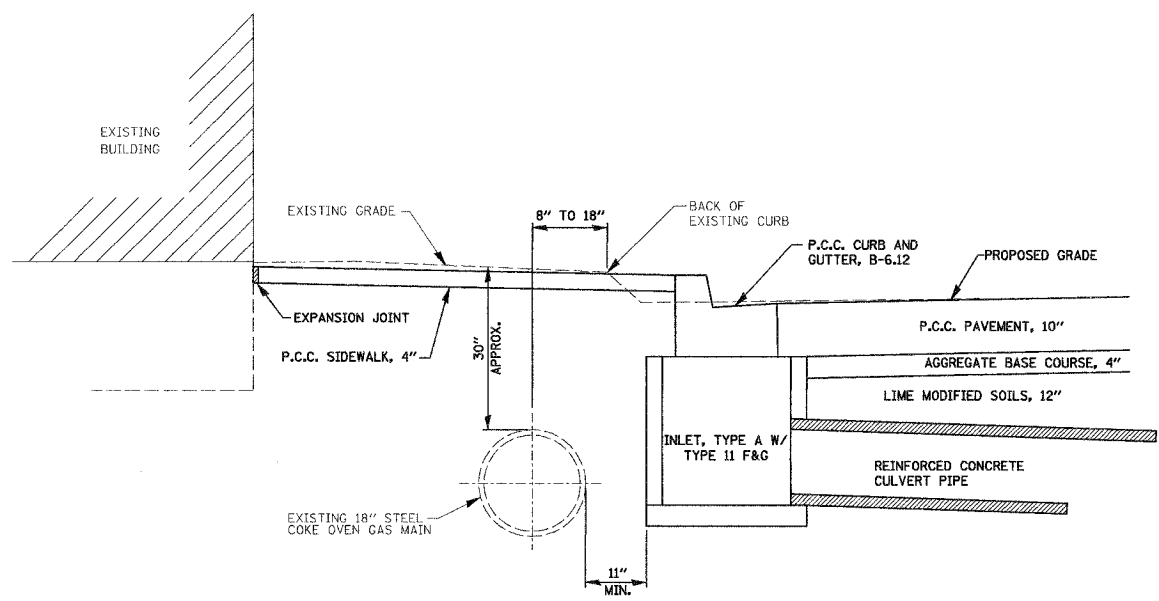


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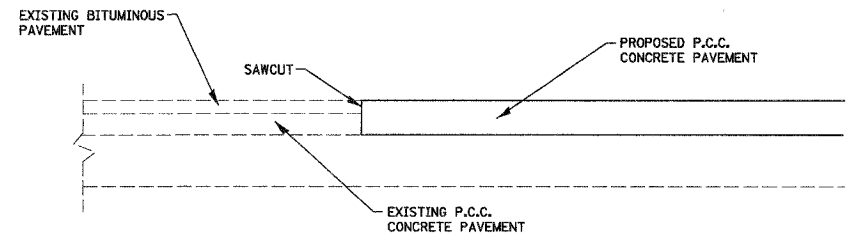


SECTION A-A

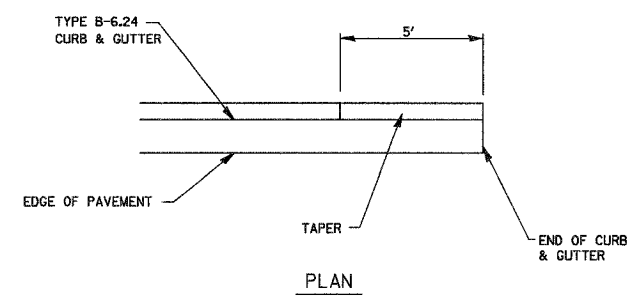
DOWNSPOUT OUTLET FLUME
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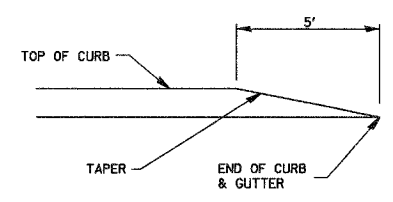
TYPICAL GAS MAIN / STORM SEWER SECTION
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BUTT JOINT DETAIL



PLAN



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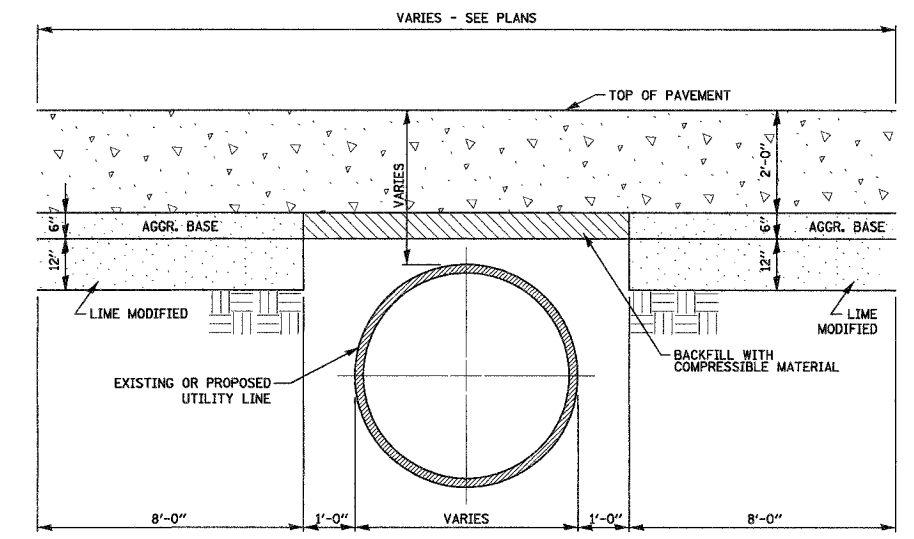
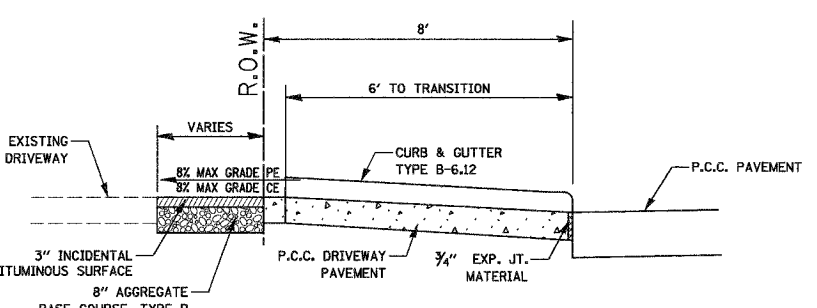
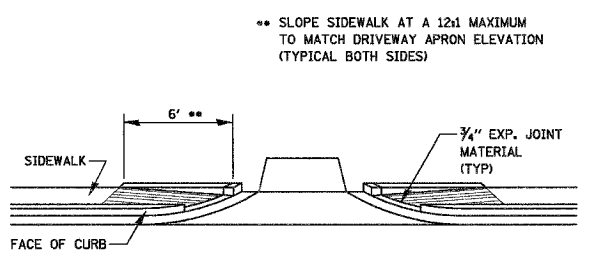
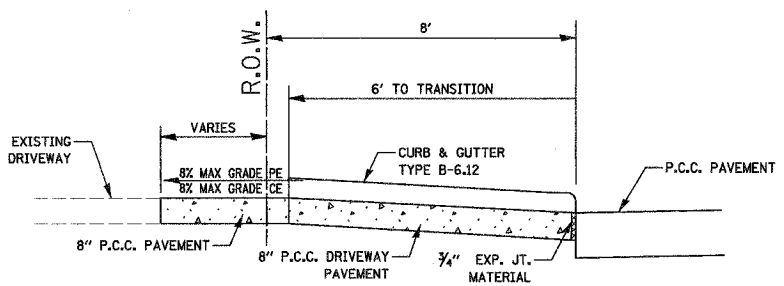
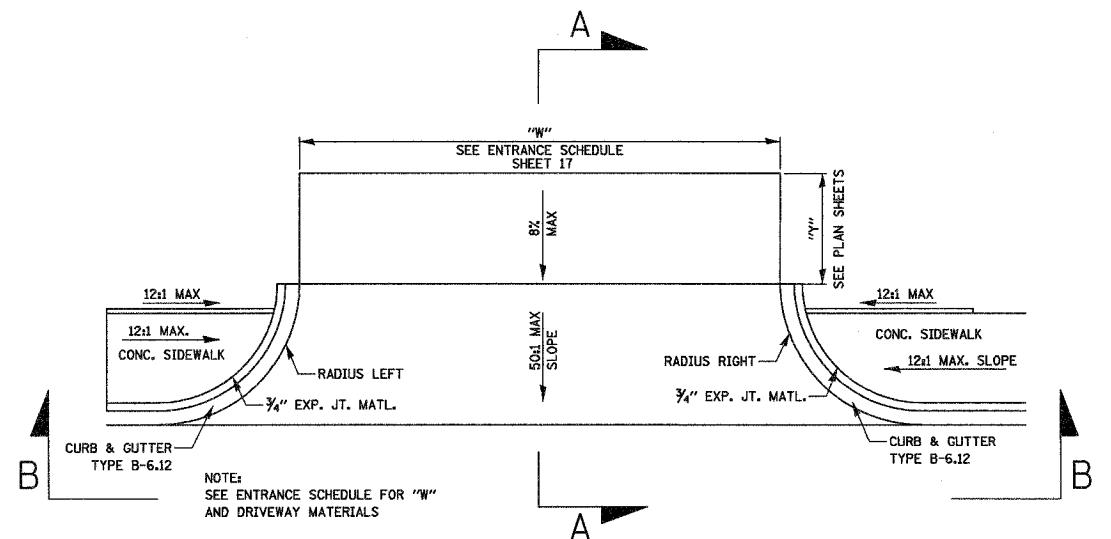
<p>Juneau Associates, Inc. P.C. CONSULTING ENGINEERS AND LAND SURVEYORS 2100 State Street, P.O. Box 5325 Granite City, Illinois 62040 Phone: (618) 227-1800 / (618) 482-9825 Fax: (618) 482-9541</p>		<p>MISCELLANEOUS DETAILS F.A.U. ROUTE 9089 20TH STREET (PHASES II, III & IV) GRANITE CITY, ILLINOIS SECTION No. 04-00180-02-PV</p>	
<p>NO. DATE BY REVISIONS REMARKS</p>		<p>SCALE: NOT TO SCALE</p>	
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<p>DWG. NO.</p>		<p>JOB NO. 030204 DGN. NAME: misc.dtls OF 92 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. 97299

NO.	DATE	BY	AREAS CHECKED

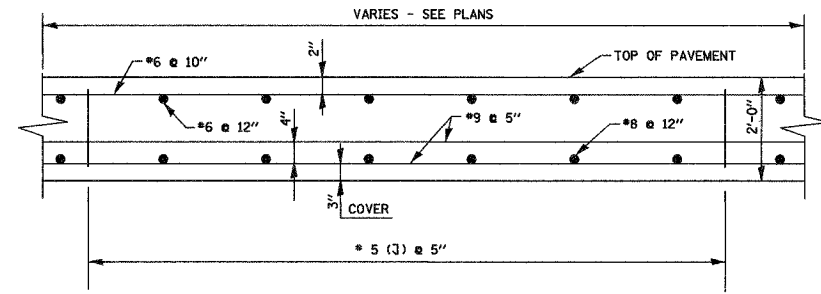
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Juneau Associates, Inc. P.C. CONSULTING ENGINEERS AND LAND SURVEYORS 2700 South Street, P.O. Box 1325 Granite City, Illinois 62040 Phone (618)837-1100 / (618)482-8335 Fax (618)837-2561		MISCELLANEOUS DETAILS F.A.U. ROUTE 9089 20TH STREET (PHASES II, III & IV) GRANITE CITY, ILLINOIS SECTION No. 04-00180-02-PV																					
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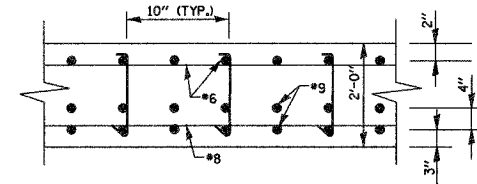
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CONTRACT NO. 97299				

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



PORTLAND CEMENT CONCRETE PAVEMENT, 24"

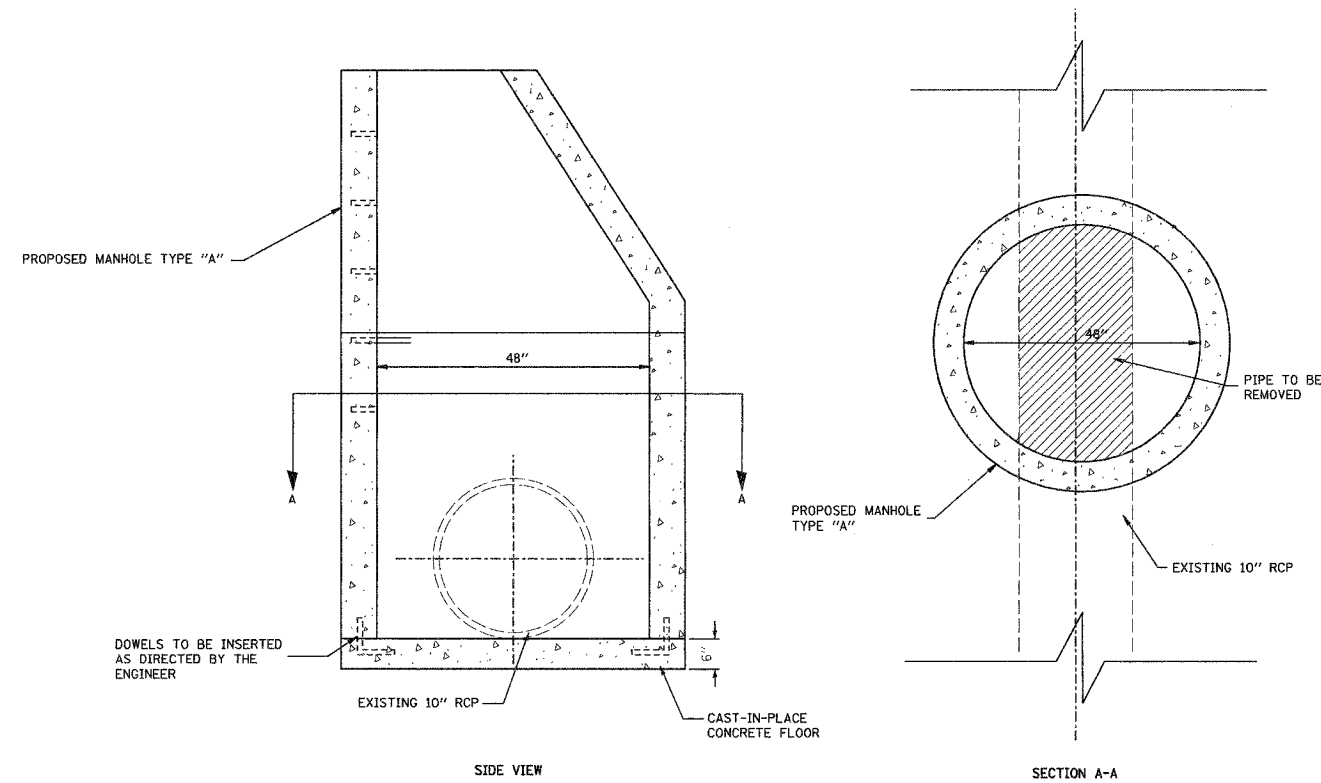
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TYPICAL CROSS SECTION

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ORIGINAL SURVEY PLOTTED	BY	DATE
NOTE BOOK		
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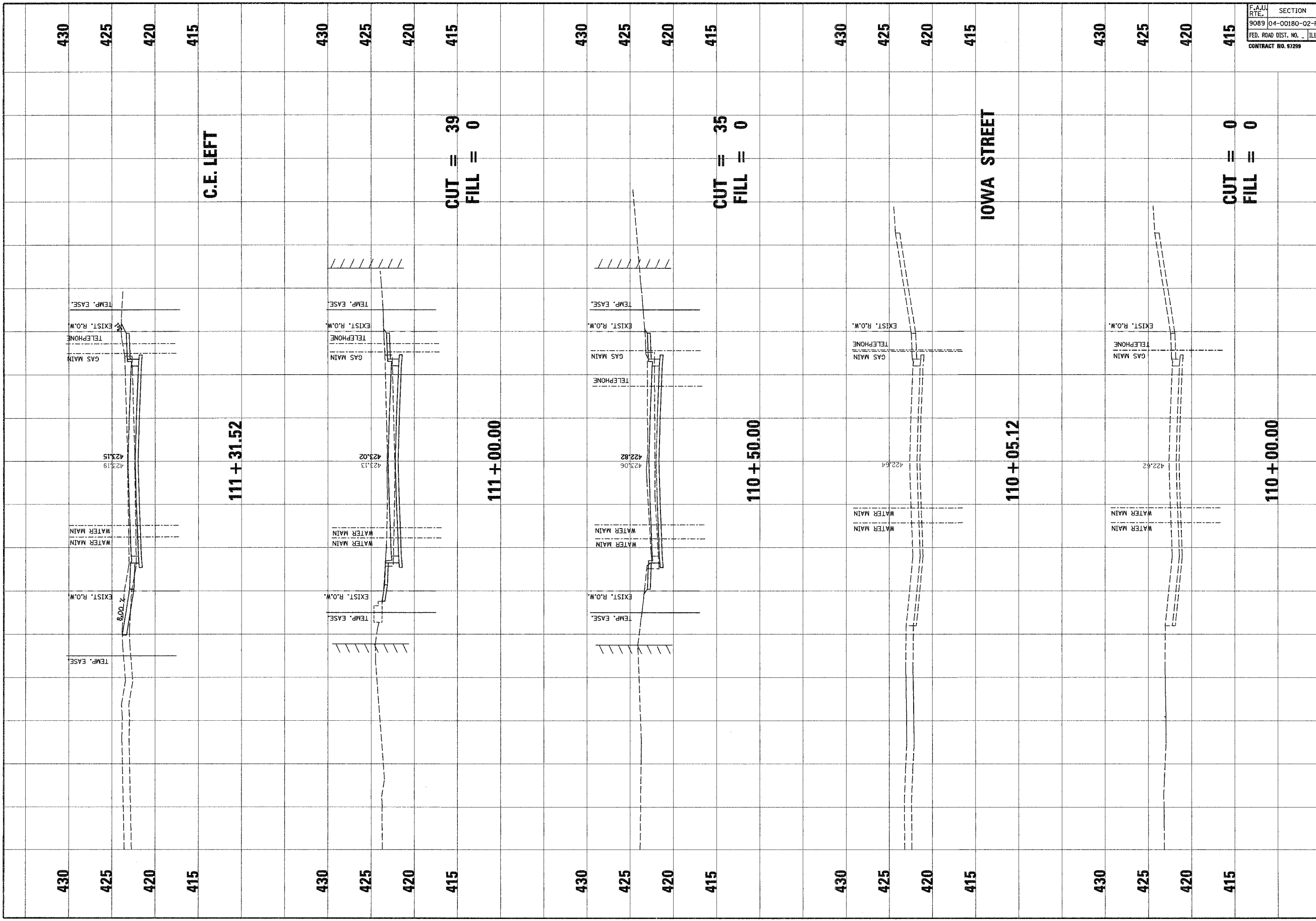


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N.T.S.

Juneau Associates, Inc. P.C.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 2100 State Street, P.O. Box 1328 / Granite City, Illinois 62041 / Phone: (618) 937-1400 / Fax: (618) 937-0941
 100 North Rosebud Drive / Granite City, Illinois 62041 / Phone: (618) 939-2800 / Fax: (618) 939-0941

MISCELLANEOUS DETAILS			
F.A.U. ROUTE 9089			
20TH STREET (PHASES II, III & IV)			
GRANITE CITY, ILLINOIS			
SECTION No. 04-00180-02-PV			
NO.		REVISIONS	
NO.	DATE	BY	REMARKS
SCALE: NOT TO SCALE			
DSN. BY:	BFK	DATE:	12/26/06
DWN. BY:	DAN	DATE:	12/26/06
CHK'D:	BFK	DATE:	12/26/06
DWG. NO.	JOB NO. 030204	DGN. NAME: misc.dtlc	OF 92 SHTS



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9089	04-00180-02-PV	MADISON	92	72
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 97299				

NO.	DATE	BY	REMARKS

Jensen Associates, Inc. P.C.
 ENGINEERS AND ARCHITECTS
 100 North Hancock Street
 Chicago, Illinois 60610
 Phone: (312) 467-1100
 Fax: (312) 467-1101

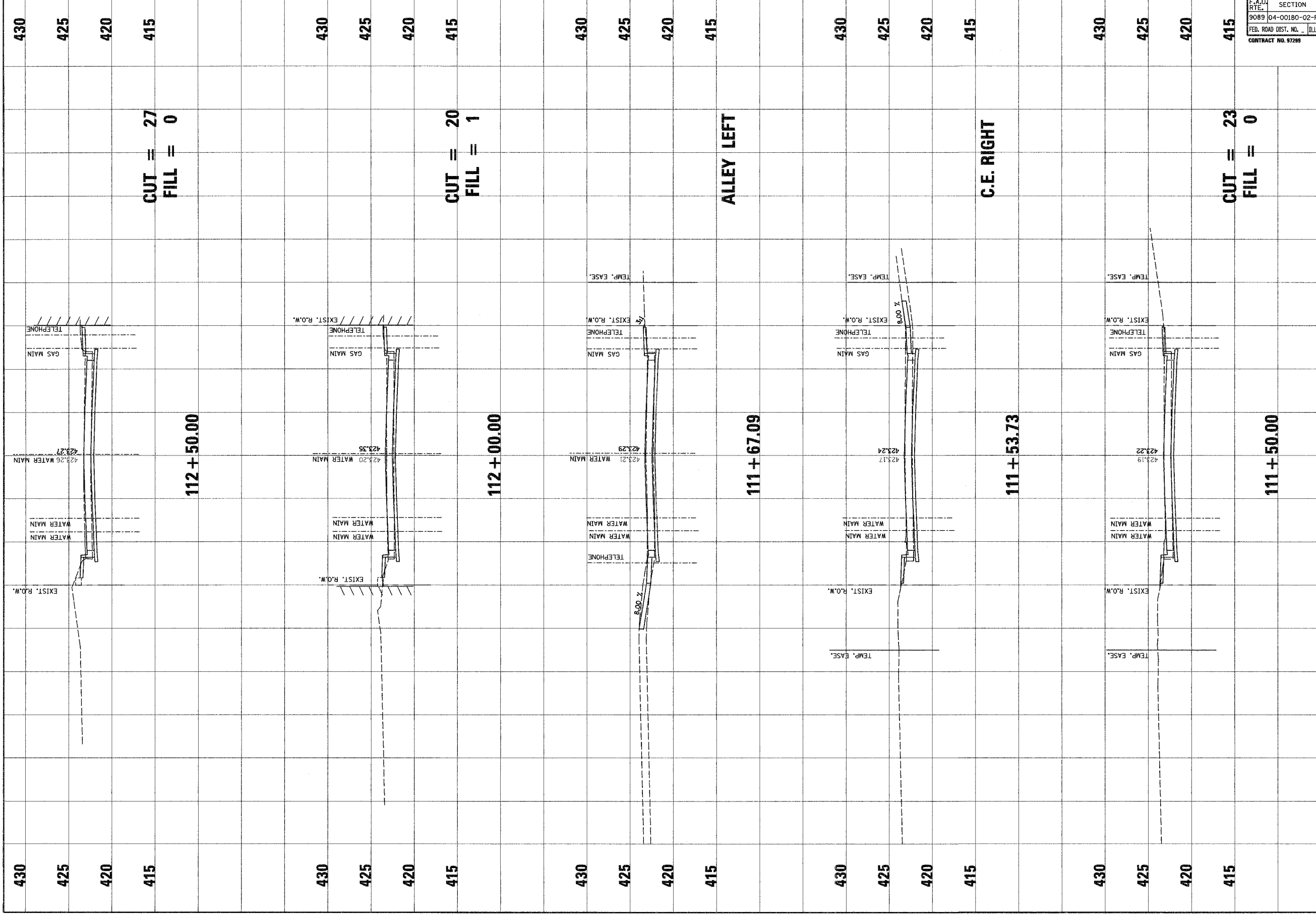
CLIENT/PROJECT: **20TH STREET RECONSTRUCTION PHASES II, III & IV**

20TH STREET CROSS SECTIONS

DESIGNED BY: SAS
 DRAWN BY: SAS
 CHECKED BY: BFK
 JOB NO.: E-030204
 DATE: 12/18/06
 HORIZ. SCALE: 1 inch = 10 feet
 VERT. SCALE: 1 inch = 5 feet

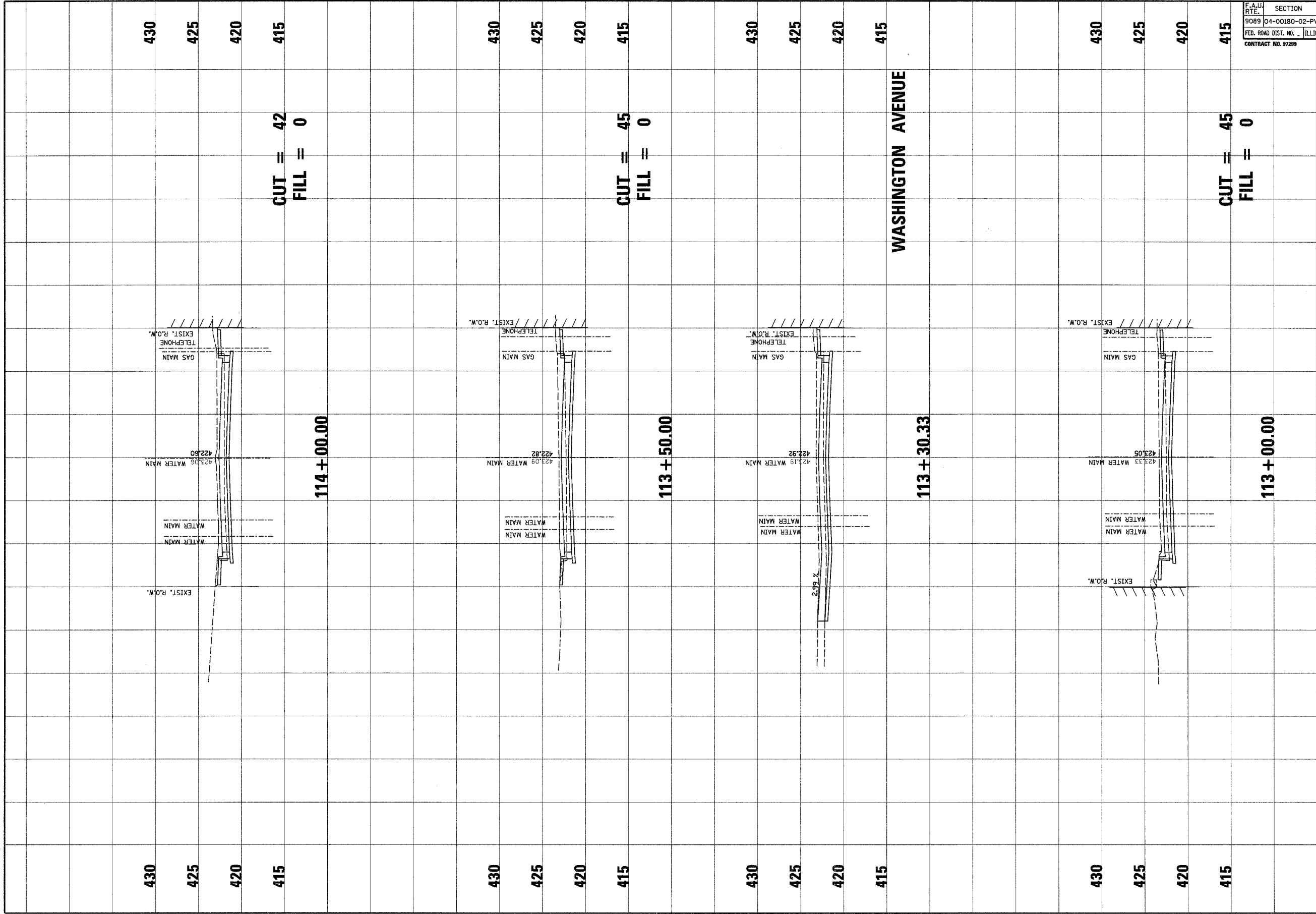
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OF **92** SHEETS




F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
CONTRACT NO. 97299				
REVISIONS				
NO.	DATE	BY	REMARKS	
<p>20TH STREET RECONSTRUCTION PHASES II, III & IV</p> <p>CLIENT/PROJECT :</p>				
<p>20TH STREET CROSS SECTIONS</p>				
<p>DSN. BY: SAS DWN. BY: SAS CHK. BY: BFK JOB NO. E-030204 DATE: 12/18/06 SCALE: HORZ. 1" = 10 feet VERT. 1" = 5 feet</p>				
SHEET No. 73				
OF 92 SHEETS				

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 97299				



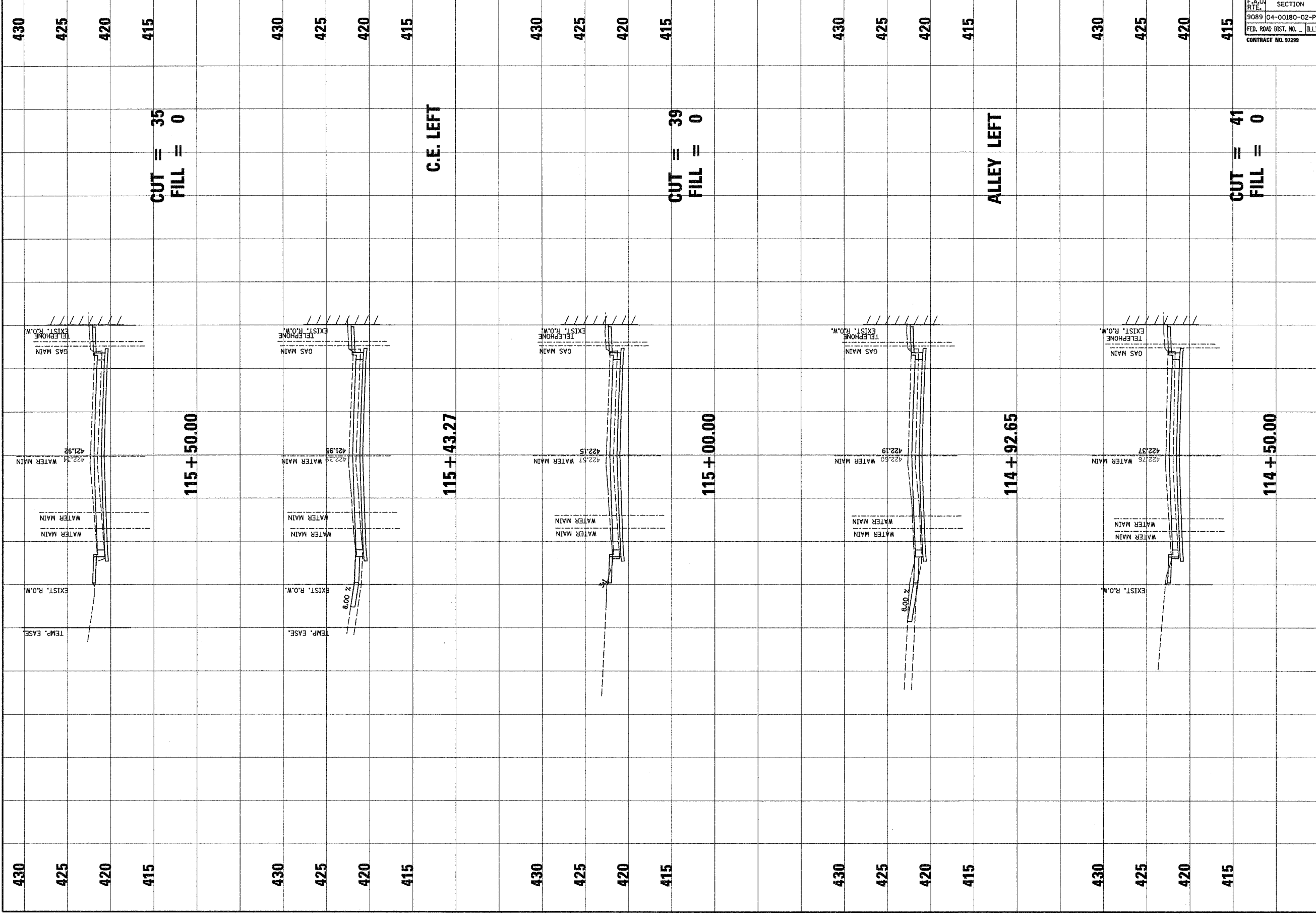
NO.	DATE	BY	REVISIONS	REMARKS


JunEAU Associates, Inc. P.C.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 1000 N. WASHINGTON ST., SUITE 200
 DECATUR, ILLINOIS 62521
 PHONE: (618) 281-1100 FAX: (618) 281-1101
 LICENSE NO. 001-001-001-001

CLIENT/PROJECT :
20TH STREET RECONSTRUCTION
PHASES II, III & IV

20TH STREET
CROSS SECTIONS

DES. BY: SAS	DATE: 12/8/06
DRAWN BY: SAS	SCALE: HORIZ. 1/4" = 10 feet
CHECKED BY: BFK	VERT. 1/4" = 5 feet
JOB NO. E-030204	SHEET No. 74
DATE: 12/8/06	OF 92 SHEETS



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9089	04-00180-02-PV	MADISON	92	75
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 97299				

NO.	DATE	BY	REMARKS

Jirgray Associates, Inc. P.C.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 100 North Fourth Street, Suite 200
 Peoria, Illinois 61603-1000
 Phone: (312) 674-1000
 Fax: (312) 674-1001

CLIENT/PROJECT : **20TH STREET RECONSTRUCTION PHASES II, III & IV**

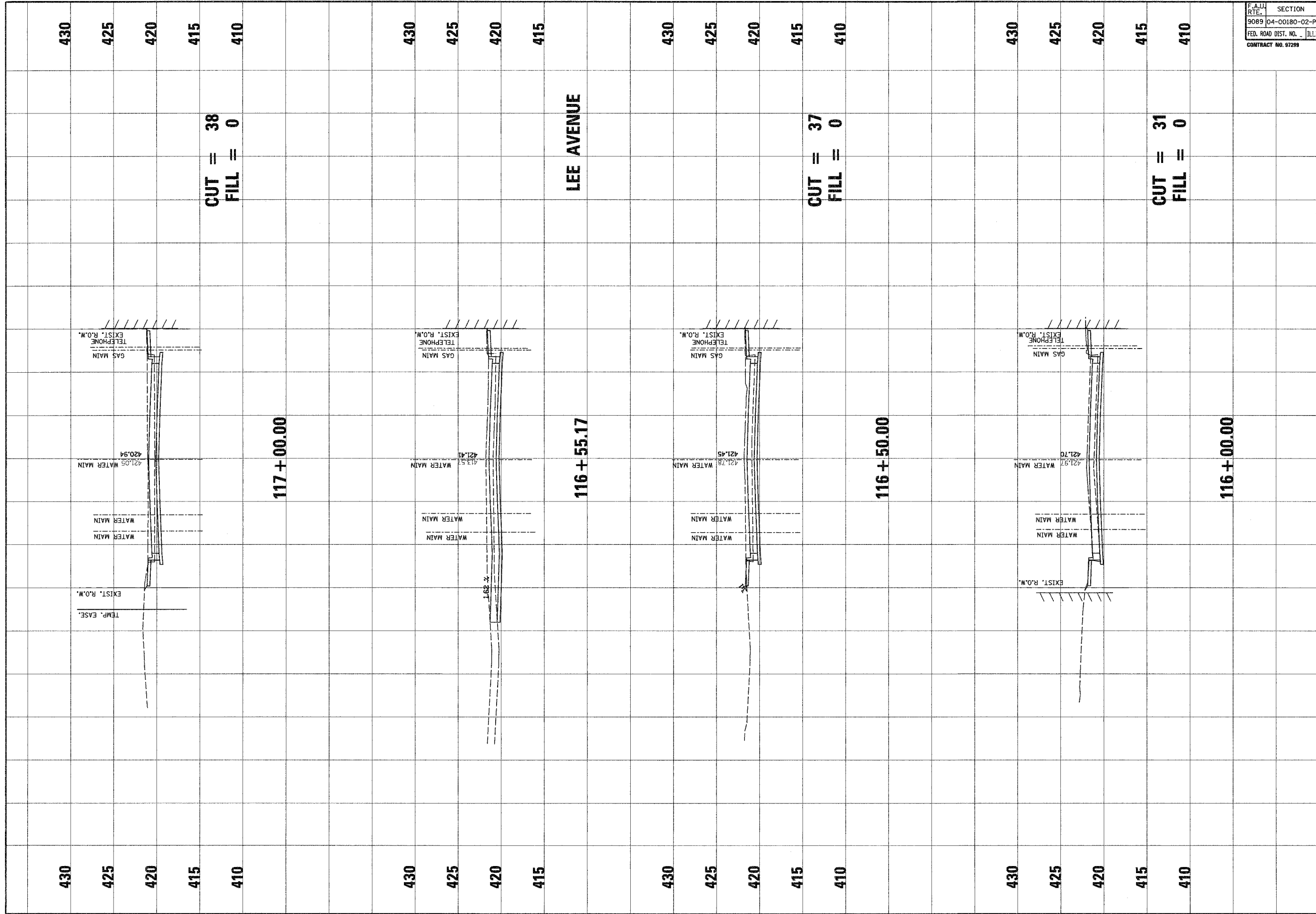
20TH STREET CROSS SECTIONS

DSN. BY: SAS
 DWN. BY: SAS
 CHK. BY: BFK
 JOB NO. E-030204
 DATE: 12/8/06
 SCALE: HORIZ. 1" = 10 Feet
 VERT. 1" = 5 Feet

SHEET No. **75**

OF 92 SHEETS

F.A.U. RITE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9089	04-00180-02-PV	MADISON	92	76
FED. ROAD DIST. NO. 1		ILLINOIS		FED. AID PROJECT
CONTRACT NO. 97299				




CUT = 38
FILL = 0

CUT = 37
FILL = 0

CUT = 31
FILL = 0

NO.	DATE	BY	REVISIONS	REMARKS

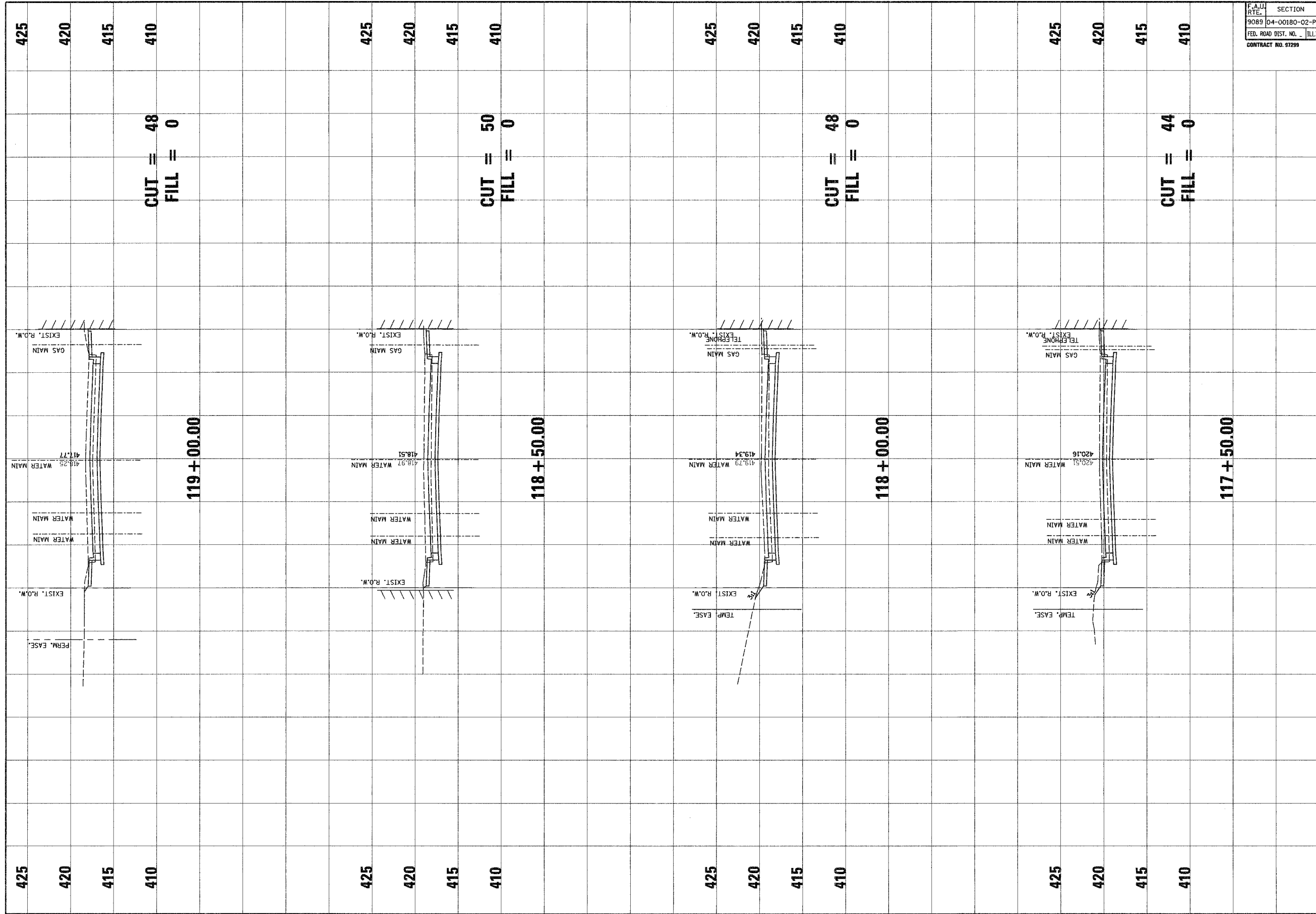

Junreau Associates, Inc. P.C.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 100 North Hancock Street
 Peoria, Illinois 61602-1000
 Phone: (312) 690-1100
 Fax: (312) 690-1101

CLIENT/PROJECT : 20TH STREET RECONSTRUCTION PHASES II, III & IV

20TH STREET CROSS SECTIONS

DESIGN BY: SAS
 CHECK BY: SAS
 JOB NO.: E-030204
 DATE: 12/18/06
 SCALE: HORIZ. 1/4" = 10 Feet
 VERT. 1/4" = 5 Feet
 SHEET No. 76

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9089	04-00180-02-PV	MADISON	92	77
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 97299				



NO.	DATE	BY	REVISIONS	REMARKS

Jurraqui Associates, Inc. P.C.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 100 North Main Street, Suite 200
 Peoria, Illinois 61604-1400
 Phone: (312) 686-1400
 Fax: (312) 686-1401

CLIENT/PROJECT : 20TH STREET RECONSTRUCTION PHASES II, III & IV

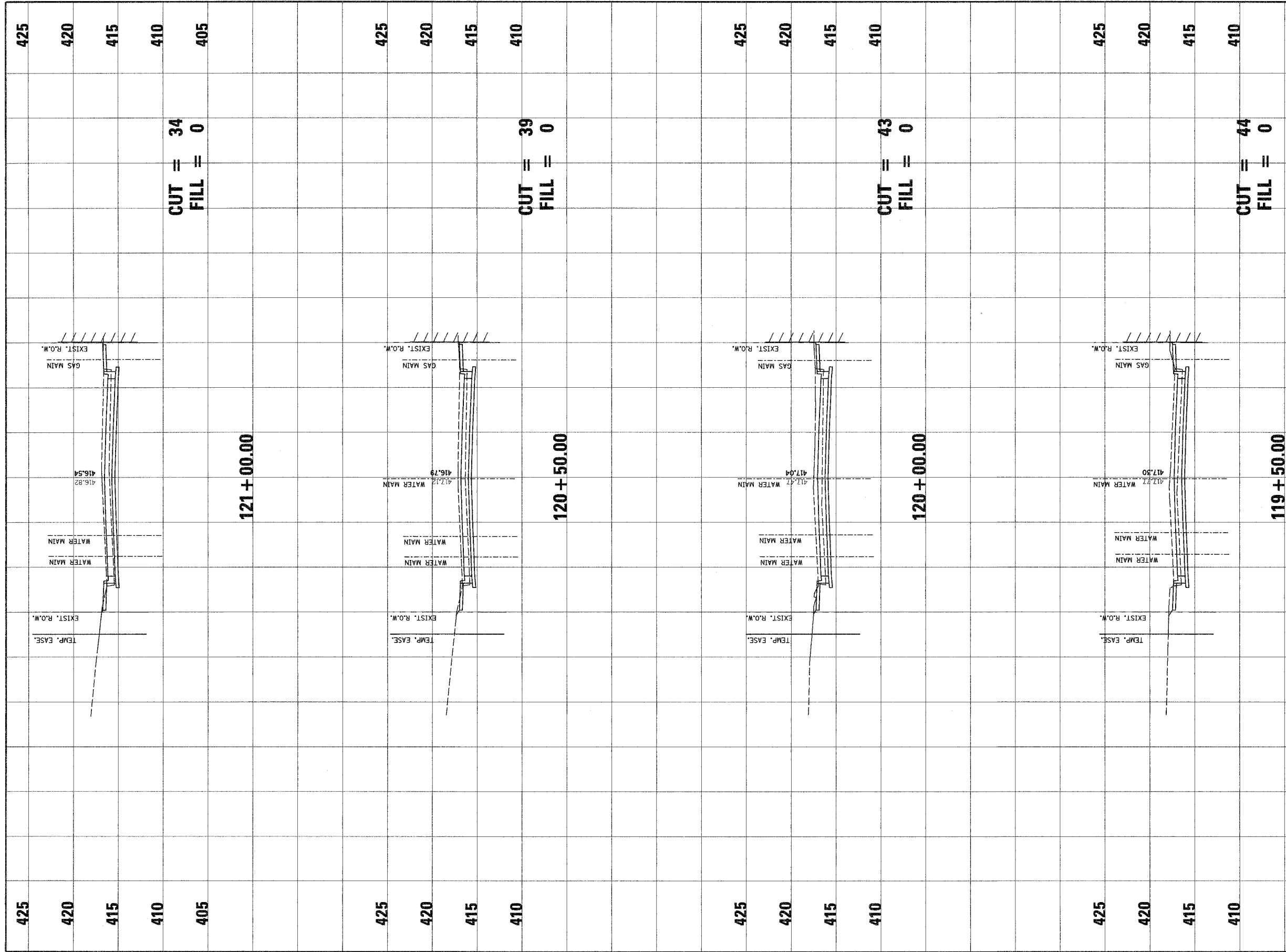
20TH STREET CROSS SECTIONS

DSN. BY: SAS
 DRN. BY: SAS
 CHK. BY: BFK
 JOB NO. E-030204
 DATE 12/18/06
 SCALE: HORIZ. 1/4" = 10 feet
 VERT. 1/4" = 5 feet

SHEET No. **77**

OF 92 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9089	04-00180-02-PV	MADISON	92	78
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 97299				



NO.	DATE	BY	REVISIONS	REMARKS

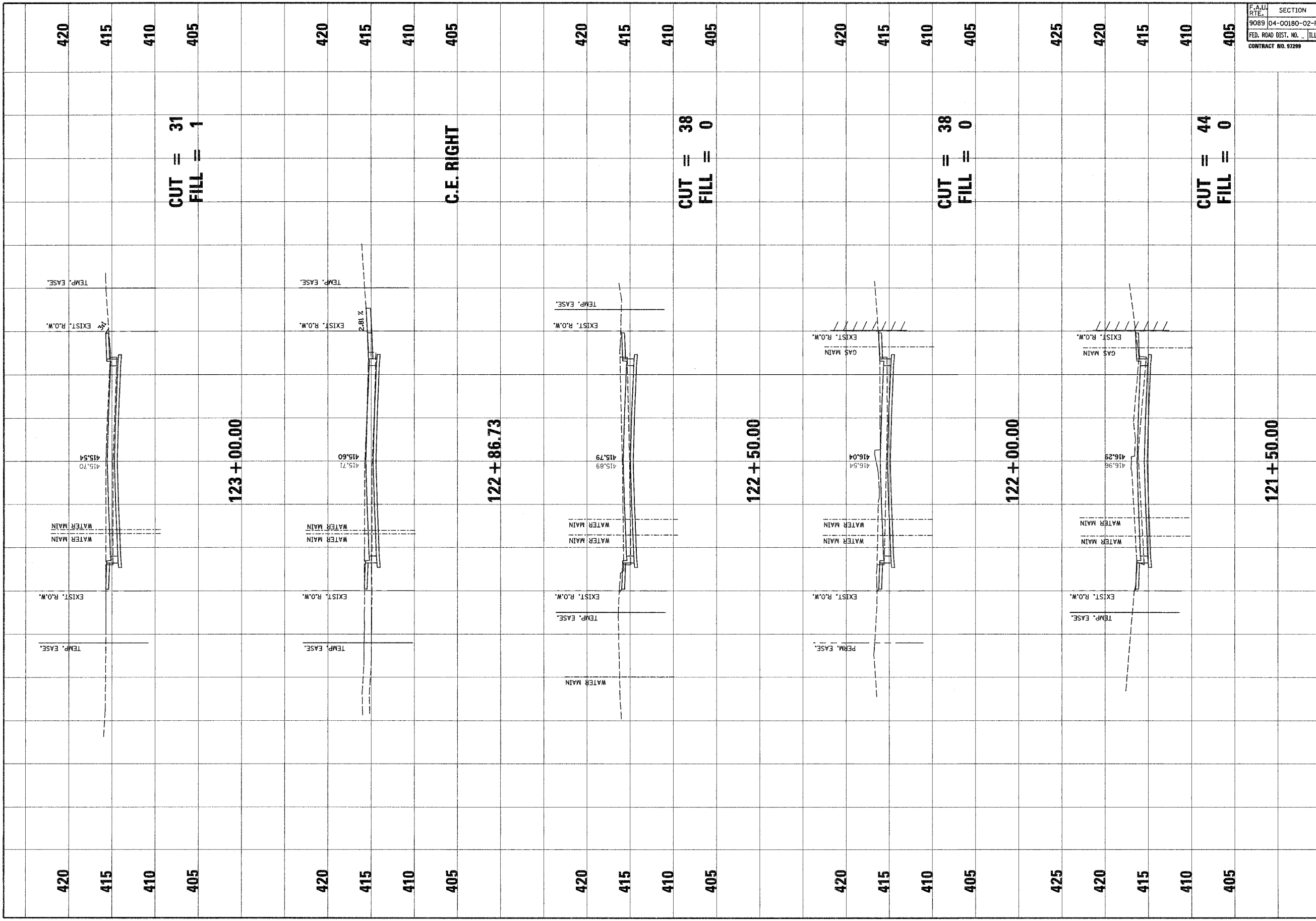
CLIENT/PROJECT : **20TH STREET RECONSTRUCTION PHASES II, III & IV**

Juneau Associates, Inc. P.C.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 100 North Main Street, Suite 200
 Peoria, Illinois 61603
 PHONE: (312) 674-1100
 FAX: (312) 674-1101

20TH STREET CROSS SECTIONS

DES. BY: SAS
 DWN. BY: SAS
 CHK. BY: BFK
 JOB NO. E-030204
 DATE: 12/18/06
 SCALE: HORZ. 1/4" = 10 Feet
 VERT. 1/4" = 5 Feet
 SHEET No. **78**

OF 92 SHEETS



CUT = 31
FILL = 1

C.E. RIGHT

CUT = 38
FILL = 0

CUT = 38
FILL = 0

CUT = 44
FILL = 0

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9089	04-00180-02-PV	MADISON	92	79
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
CONTRACT NO. 97299				

NO.	DATE	BY	REVISIONS	REMARKS

JANNEY ASSOCIATES, INC. P.C.
 CIVIL ENGINEERS AND ARCHITECTS
 100 NORTH HANCOCK DRIVE
 SUITE 100
 FARMINGTON, ILLINOIS 62506
 PHONE (618) 432-1100
 FAX (618) 432-1101

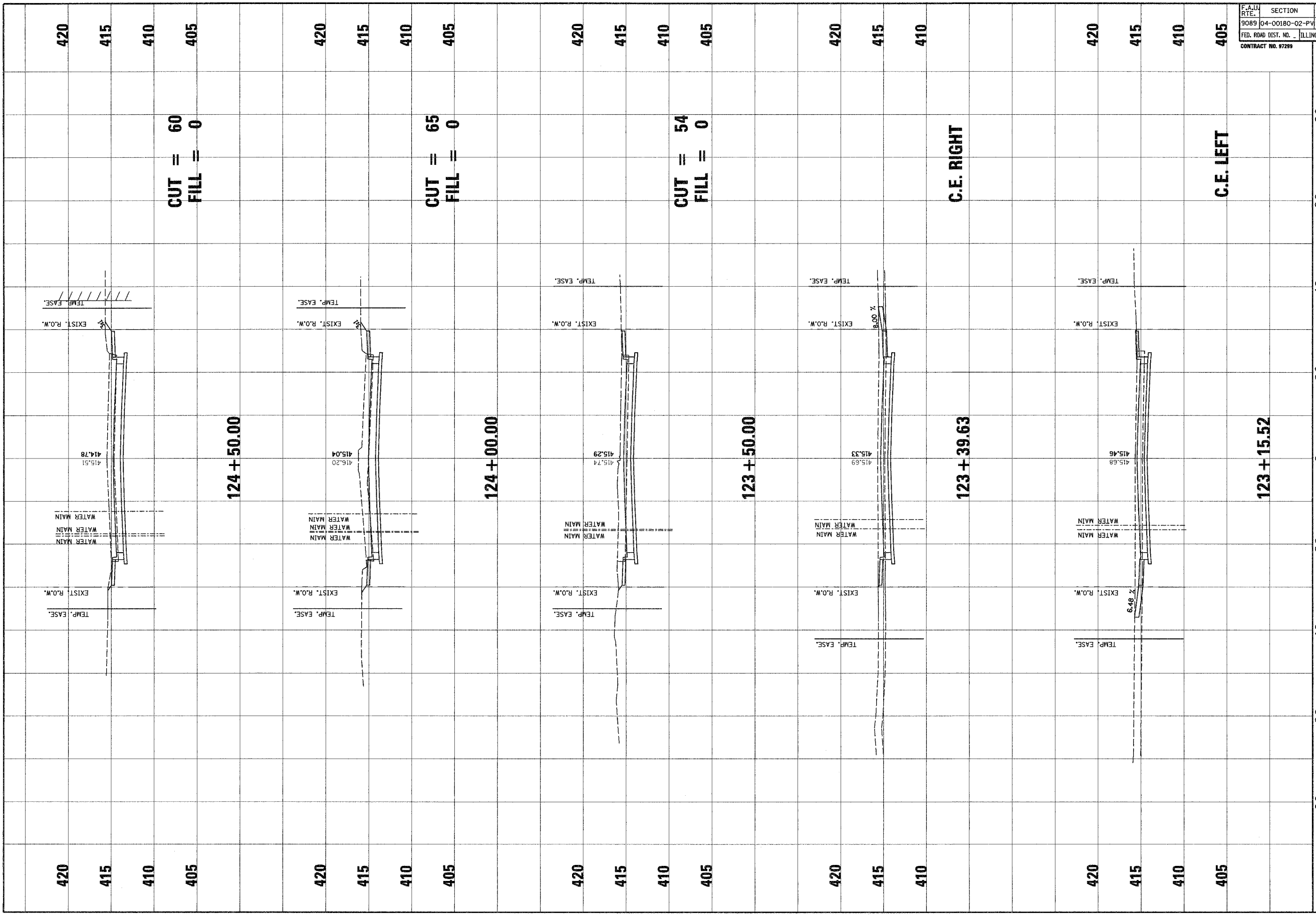
CLIENT/PROJECT: 20TH STREET RECONSTRUCTION PHASES II, III & IV

20TH STREET CROSS SECTIONS

DSN. BY: SAS
 DWN. BY: SAS
 CHK. BY: BFK
 JOB NO. E-030204
 DATE: 12/18/06
 SCALE: HORIZ. 1 inch = 10 feet
 VERT. 1 inch = 5 feet

SHEET No. 79

OF 92 SHEETS

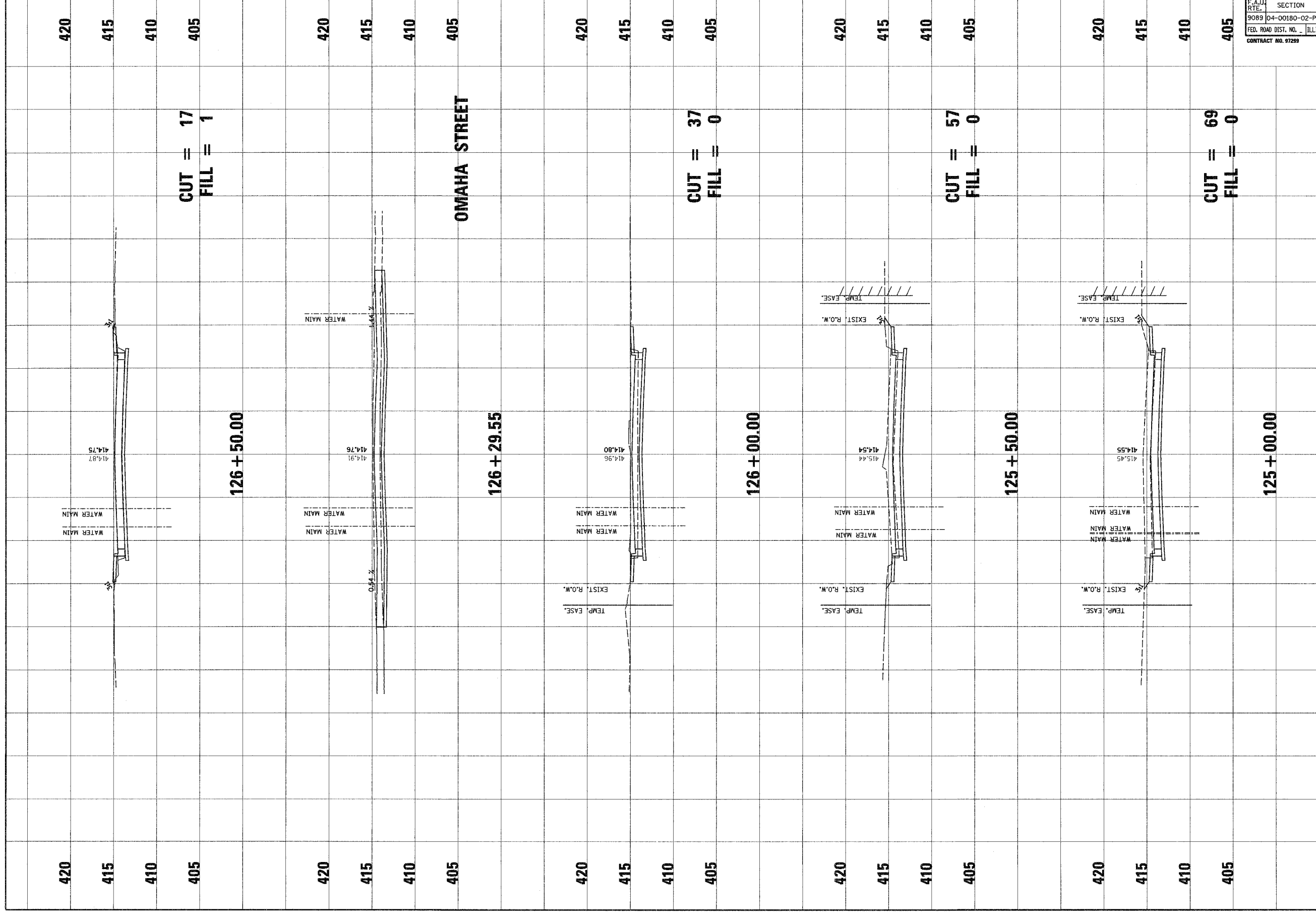


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9089	04-00180-02-PV	MADISON	92	80
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 97299				

NO.	DATE	BY	REVISIONS	REMARKS

20TH STREET RECONSTRUCTION PHASES II, III & IV
 CLIENT/PROJECT 1
 Inverness Associates, Inc. P.C.
 200 State Street, S.E. Box 132
 100 North Riverside Drive
 P.O. Box 111111, Chicago, IL 60611-1111
 For 161628-041

20TH STREET CROSS SECTIONS
 DESIGNED BY: SAS
 DRAWN BY: SAS
 CHECKED BY: BFX
 JOB NO. E-030204
 DATE: 12/18/06
 SCALE: HORIZ. 1" = 10 feet
 VERT. 1" = 5 feet
 SHEET No. 80
 OF 92 SHEETS



CUT = 17
FILL = 1

CUT = 37
FILL = 0


CUT = 57
FILL = 0

CUT = 69
FILL = 0

OMAHA STREET

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9089	04-00180-02-PV	MADISON	92	81
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 97299				

NO.	DATE	BY	REVISIONS	REMARKS

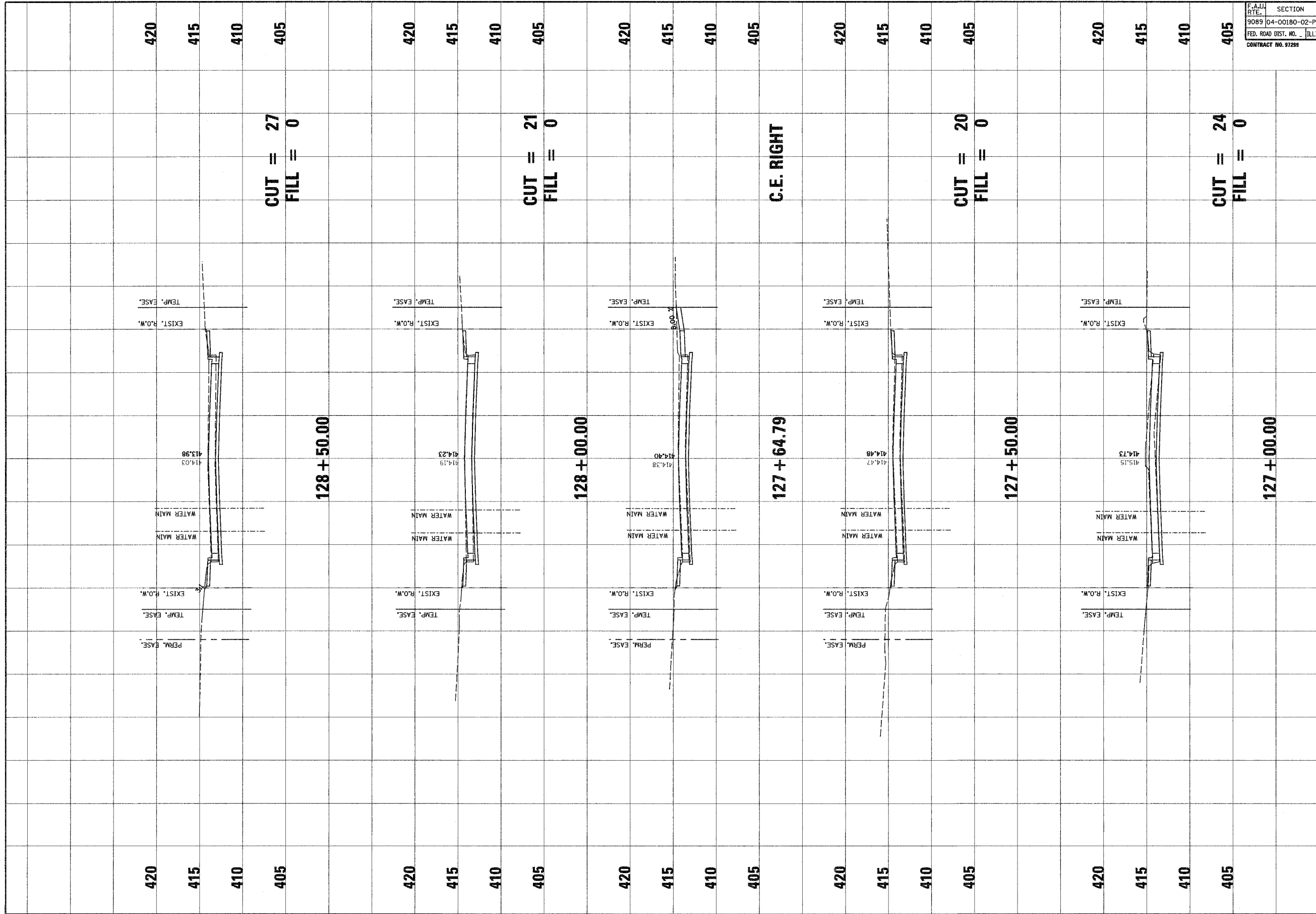

JunEAU Associates, Inc. P.C.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 100 North American Street
 Peoria, Illinois 61604-1000
 Phone: (312) 686-4400
 Fax: (312) 686-4401

CLIENT/PROJECT : 20TH STREET RECONSTRUCTION PHASES II, III & IV

20TH STREET CROSS SECTIONS

DSN. BY: SAS
CHK. BY: SAS
JOB NO. E-030204
DATE: 12/18/06
SCALE: HORIZ. 1/4" = 10 Feet VERT. 1/4" = 5 Feet
SHEET No. 81
OF 92 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9089	04-00180-02-PV	MADISON	92	82
FED. ROAD DIST. NO.	ILLINOIS		FED. AID PROJECT	
CONTRACT NO. 97299				



NO.	DATE	BY	REMARKS

JunEAU Associates, Inc. P.C.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 100 North Northwest Blvd.
 Suite 300
 Peoria, Illinois 61604-1800
 Phone: (312) 673-1100
 Fax: (312) 673-1101

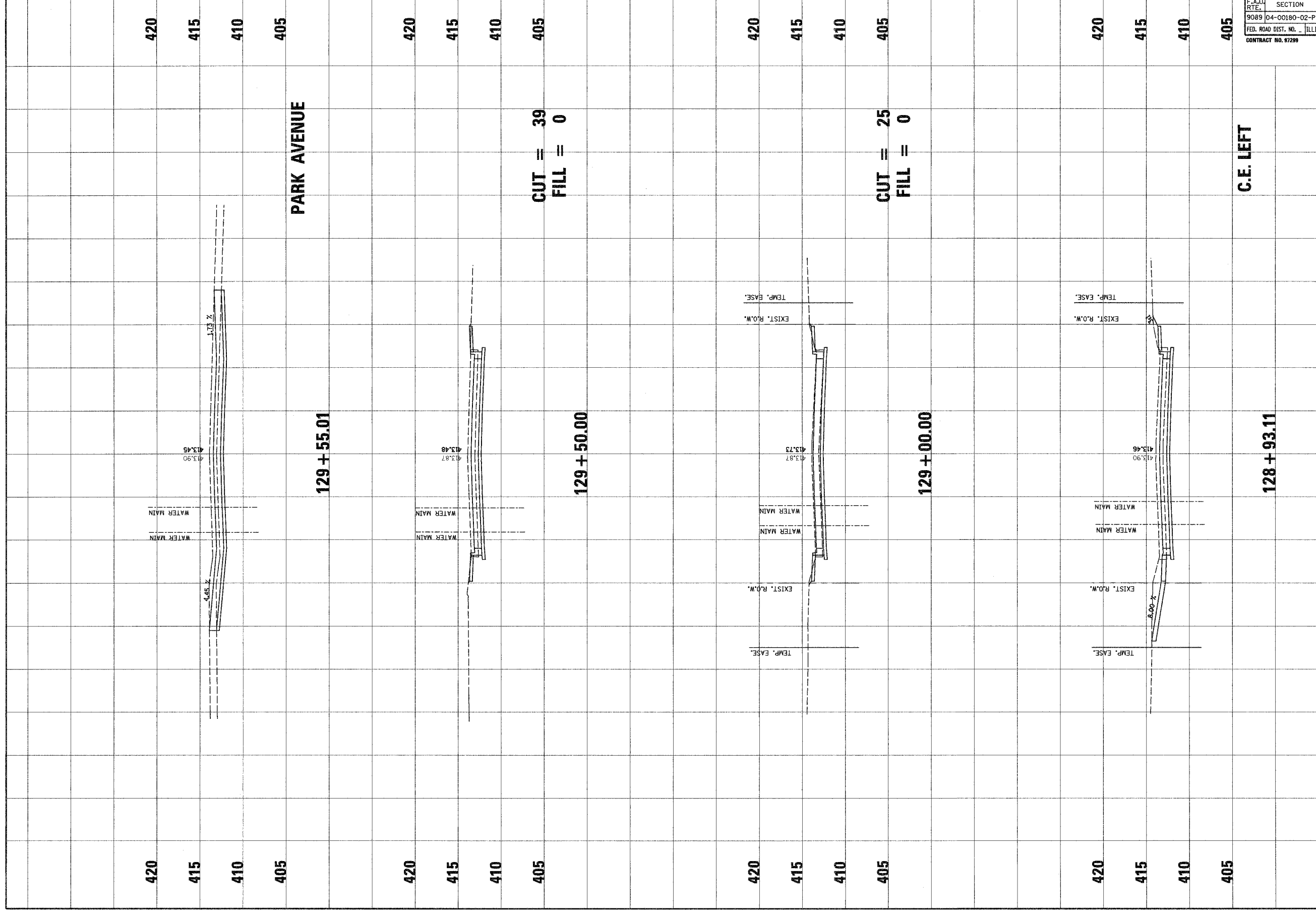
CLIENT/PROJECT : **20TH STREET RECONSTRUCTION PHASES II, III & IV**

20TH STREET CROSS SECTIONS

DESIGNED BY: SAS
 DRAWN BY: SAS
 CHECKED BY: BR
 JOB NO.: E-030204
 DATE: 12/18/06
 SCALE: HORIZ. 1/4" = 10 Feet
 VERT. 1/4" = 5 Feet


SHEET No. **82**

OF 92 SHEETS



F.A.U. RT.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9089	04-00180-02-PV	MADISON	92	83
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 97299				

NO.	DATE	BY	REVISIONS	REMARKS

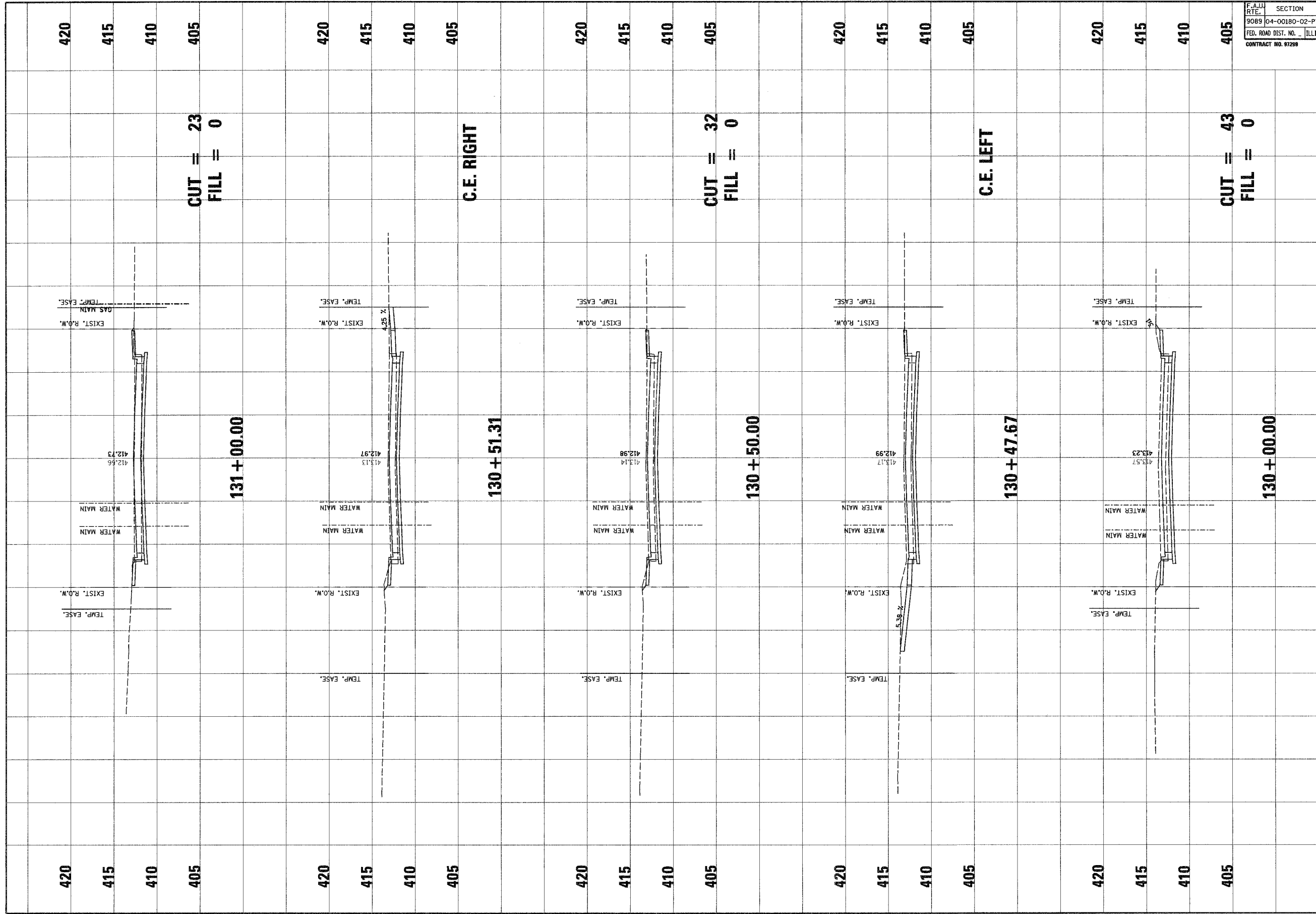

JunEAU Associates, Inc. P.C.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 100 North Hancock Street
 Springfield, Illinois 62761
 Phone: (618) 266-1111
 Fax: (618) 266-0111

CLIENT/PROJECT : **20TH STREET RECONSTRUCTION PHASES II, III & IV**

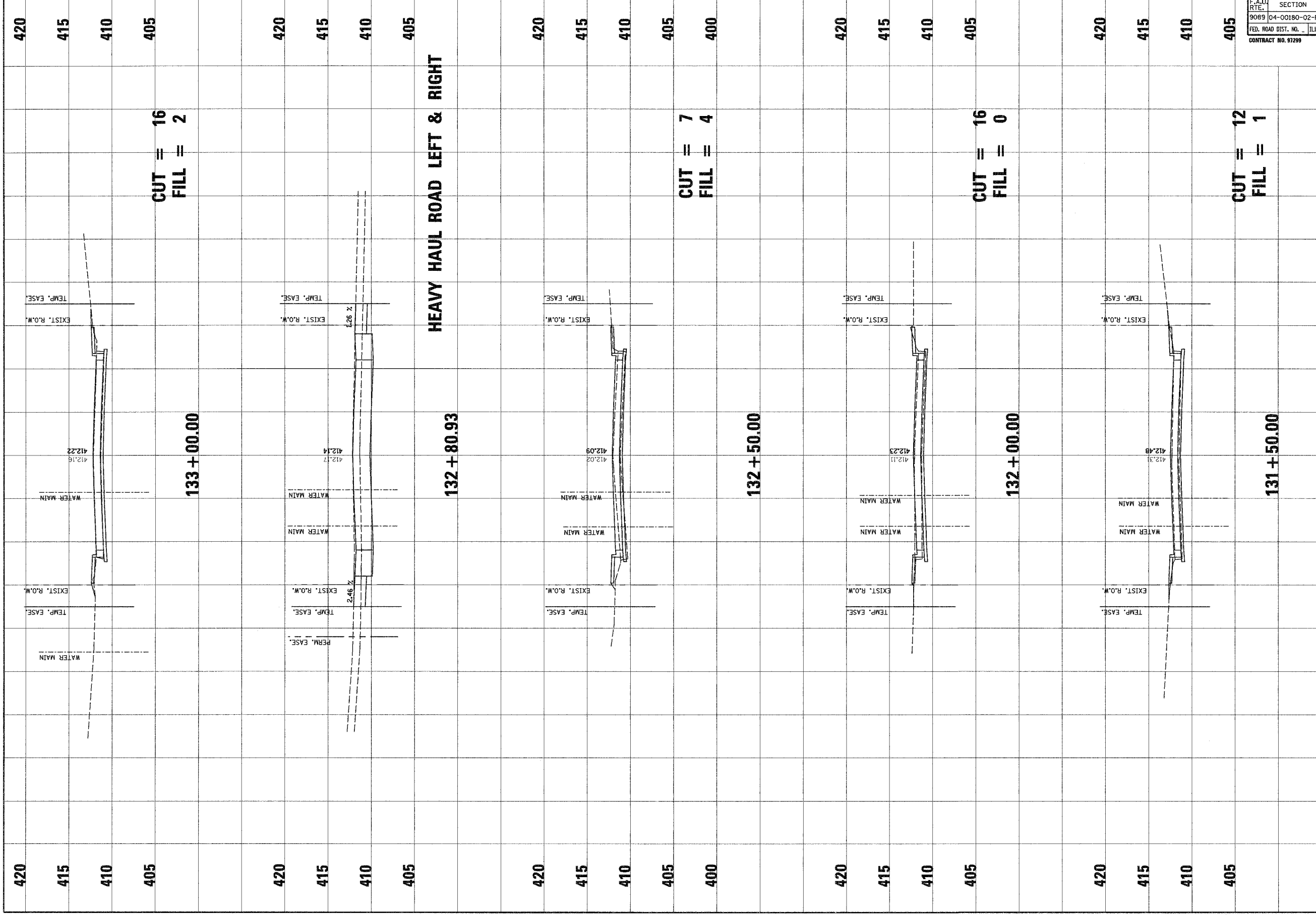
20TH STREET CROSS SECTIONS

DES. BY: SAS
 DWN. BY: SAS
 CHK. BY: DFK
 JOB NO. E-030204
 DATE: 12/18/06
 SCALE: HORIZ. 1 inch = 10 feet
 VERT. 1 inch = 5 feet
 SHEET No. **83**

OF 92 SHEETS



NO.		DATE		BY		REVISIONS		REMARKS	
20TH STREET RECONSTRUCTION PHASES II, III & IV									
CLIENT/PROJECT :									
20TH STREET CROSS SECTIONS									
DESIGN BY: SAS DRAWN BY: SAS CHECK BY: BFX JOB NO. E-030204 DATE: 12/18/06 SCALE: HORIZ. 1" = 10' FEET VERT. 1" = 5' FEET SHEET NO. 84									
OF	92	SHEETS							



HEAVY HAUL ROAD LEFT & RIGHT

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9089	04-00180-02-PV	MADISON	92	85
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 97299				

NO.	DATE	BY	REVISIONS	REMARKS

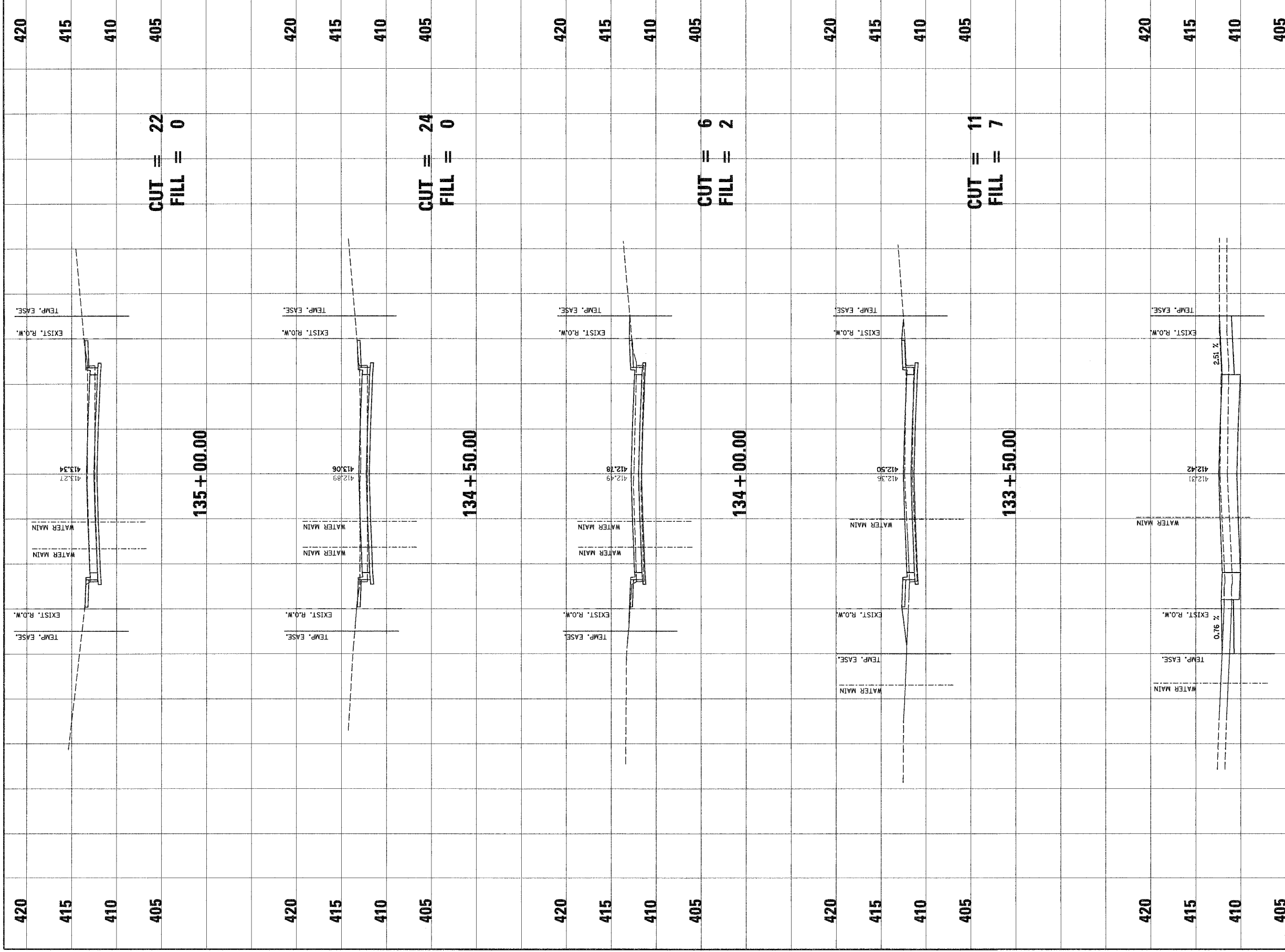
Jungblut Associates, Inc. P.C.
 100 North Main Street, Suite 100
 Springfield, Illinois 62761
 Phone: (217) 244-1100
 Fax: (217) 244-1100
 E-mail: info@jungblut.com

CLIENT/PROJECT: **20TH STREET RECONSTRUCTION PHASES II, III & IV**

20TH STREET CROSS SECTIONS

DSN. BY: SAS
 DWG. BY: SAS
 CHK. BY: BFK
 JOB NO. E-030204
 DATE: 07/18/06
 SCALE: HORZ. 1" = 10' VERT. 1" = 5'
 SHEET No. **85**

OF **92** SHEETS



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9089	04-00180-02-PV	MADISON	92	86
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 97299				

NO.	DATE	BY	REVISIONS	REMARKS

20TH STREET RECONSTRUCTION PHASES II, III & IV

CLIENT/PROJECT 1

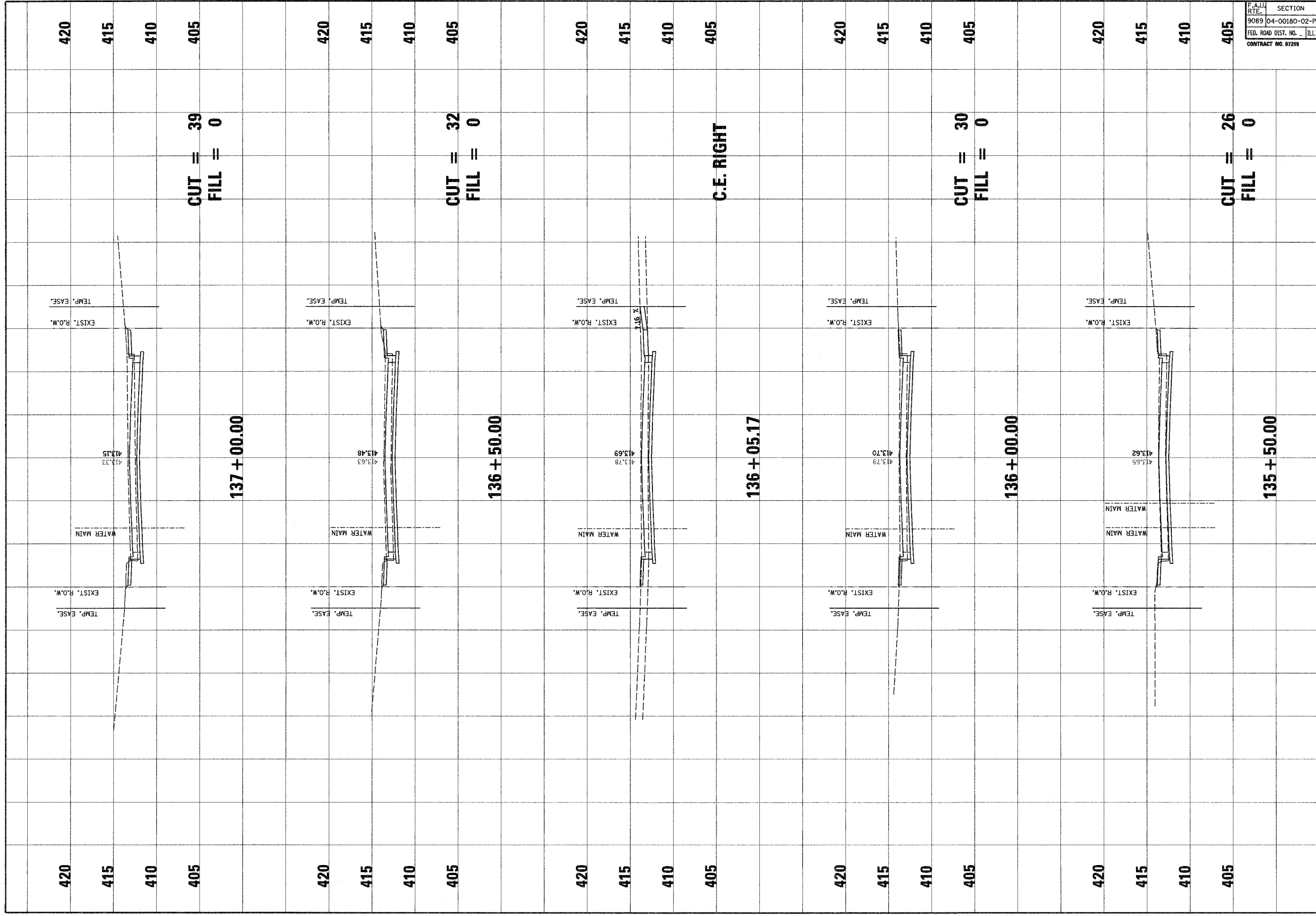
Juzreck Associates, Inc. P.C.
 100 North Research Bldg
 100 North Street, A.D. Box 125
 Peoria, Illinois 61602-0125
 Phone: (317) 682-1100
 Fax: (317) 682-1101
 For: (317) 682-1101

20TH STREET CROSS SECTIONS

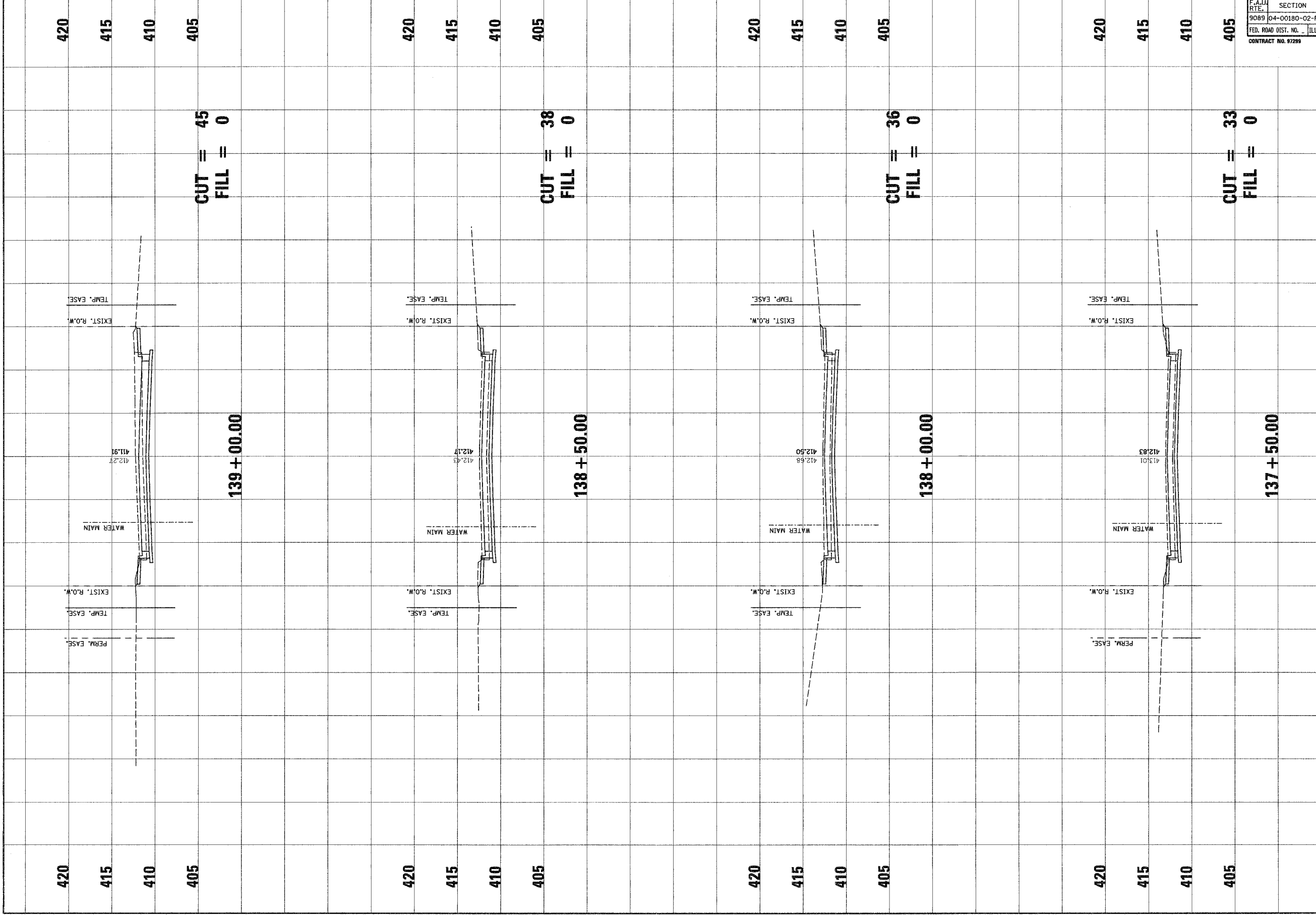
DESIGN BY: SAS
 DRAWN BY: SAS
 CHECK BY: BFK
 JOB NO. E-030204
 DATE: 12/18/06
 SCALE: HORIZ. 1" = 10 feet
 VERT. 1" = 5 feet

SHEET No. **86**

OF 92 SHEETS



F.A.U. R.T.E. 9089		SECTION 04-00180-02-PV	COUNTY MADISON	TOTAL SHEETS 92	SHEET NO. 87
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 97299					
20TH STREET CROSS SECTIONS CLIENT/PROJECT: 20TH STREET RECONSTRUCTION PHASES II, III & IV			REVISIONS NO. DATE BY REMARKS		
JUNREAU ASSOCIATES, INC. P.C. CONSULTING ENGINEERS AND LAND SURVEYORS 100 North Newberry St., Ste. 200 Peoria, IL 61602-2000 (417) 696-0000 Fax: (417) 696-0001			DSN. BY: SAS DIM. BY: SAS CHK. BY: BFK JOB NO. E-030204 DATE: 12/18/06 SCALE: HORZ. 1/4" = 10 Feet VERT. 1/4" = 5 Feet SHEET No. 87		
OF 92 SHEETS					



420
415
410
405

CUT = 45
FILL = 0

139 + 00.00

420
415
410
405

420
415
410
405

CUT = 38
FILL = 0

138 + 50.00

420
415
410
405

CUT = 36
FILL = 0

138 + 00.00

420
415
410
405

CUT = 33
FILL = 0

137 + 50.00

DESIGN BY: SAS
DRAWN BY: SAS
CHECK BY: BFK
JOB NO. E-030204
DATE: 12/18/06
SCALE: HORIZ. 1 inch = 10 feet VERT. 1 inch = 5 feet
SHEET NO. 88

OF 92 SHEETS

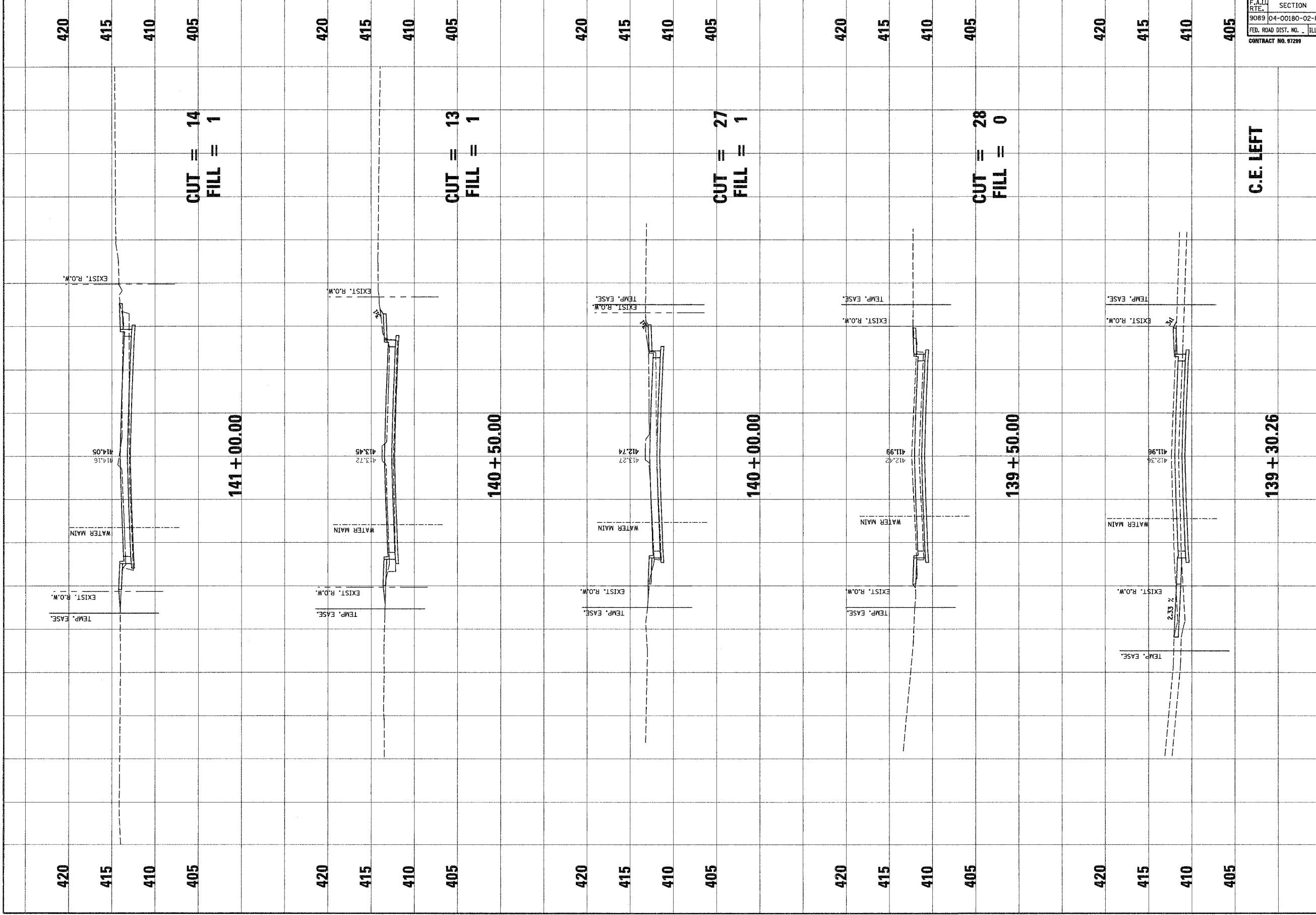
**20TH STREET
CROSS SECTIONS**

CLIENT/PROJECT: **20TH STREET RECONSTRUCTION
PHASES II, III & IV**

Ingraham Associates, Inc. P.C.
 CONSULTING ENGINEERS
 2200 State Street, S.W., Box 133
 Atlanta, Georgia 30331
 Phone: (404) 525-1100
 Fax: (404) 525-1101

NO.	DATE	BY	REVISIONS	REMARKS

F.A.U. RTE. 9089	SECTION 04-00180-02-PV	COUNTY MADISON	TOTAL SHEETS 92	SHEET NO. 88
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	CONTRACT NO. 97299	



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9089	04-00180-02-PV	MADISON	92	89
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		
CONTRACT NO. 97299				

NO.	DATE	BY	REVISIONS	REMARKS

Janzosa Associates, Inc. P.C.
 200 Park Street, S.W., Box 128
 Atlanta, Georgia 30303
 Phone: (404) 525-1000
 Fax: (404) 525-5441

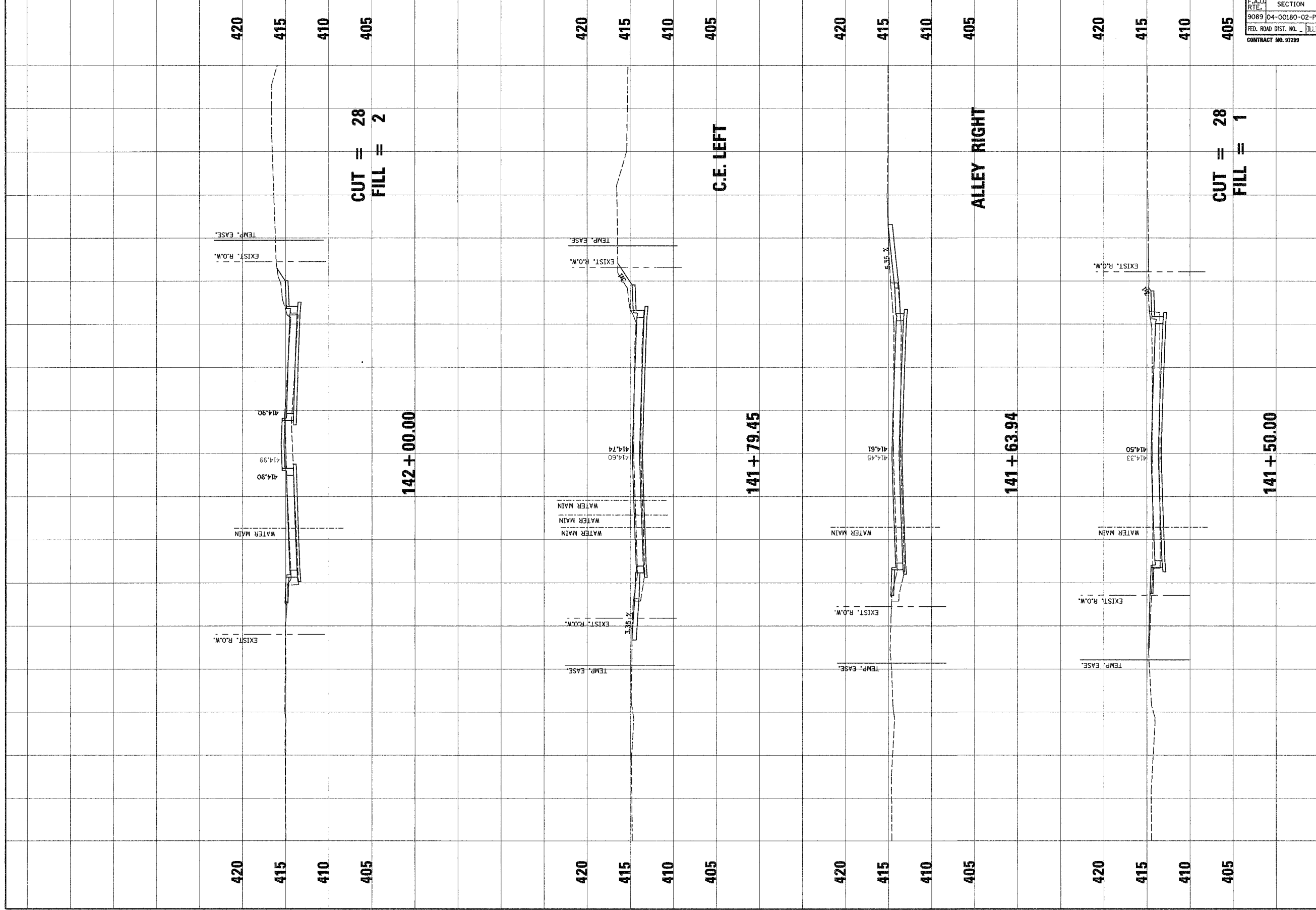
CLIENT/PROJECT : **20TH STREET RECONSTRUCTION PHASES II, III & IV**

20TH STREET CROSS SECTIONS

DESIGNED BY: SAS
 DRAWN BY: SAS
 CHECKED BY: BFK
 JOB NO.: E-030204
 DATE: 12/18/06
 SCALE: HORIZ. 1" = 10' FEET
 VERT. 1" = 5' FEET

SHEET No. **89**

OF **92** SHEETS



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9089	04-00180-02-PV	MADISON	92	90
FED. ROAD DIST. NO.	ILLINOIS		FED. AID PROJECT	
CONTRACT NO. 97299				

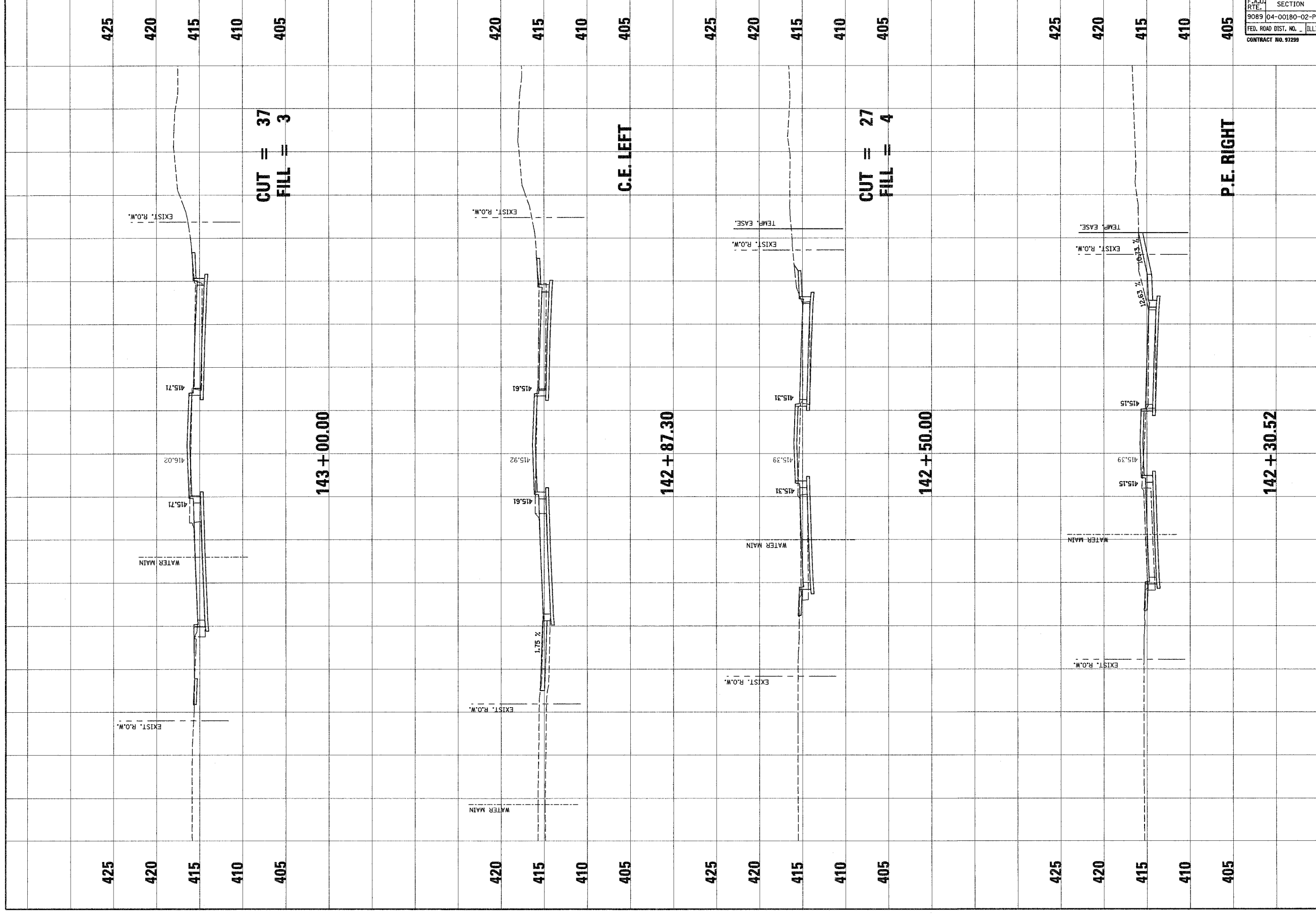
REVISIONS		REMARKS
NO.	DATE	BY

Junco Associates, Inc. P.C.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 100 North Maryland Street
 Springfield, Illinois 62762-1000
 Phone: (217) 244-1000 FAX: (217) 244-1001
 E-Mail: junco@junco.com

CLIENT/PROJECT : **20TH STREET RECONSTRUCTION PHASES II, III & IV**


20TH STREET CROSS SECTIONS

DRAWN BY: SAS
CHECKED BY: SAS
DATE: 12/18/06
JOB NO. E-030204
SCALE: HORIZ. 1 inch = 10 feet VERT. 1 inch = 5 feet
SHEET No. 90
OF 92 SHEETS



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9089	04-00180-02-PV	MADISON	92	91
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 97299				

NO.	DATE	BY	REVISIONS	REMARKS


JunEAU Associates, Inc. P.C.
 100 South Main Street, Suite 200
 Peoria, Illinois 61602-1400
 Phone: (312) 686-1400
 Fax: (312) 686-1401

CLIENT/PROJECT : **20TH STREET RECONSTRUCTION PHASES II, III & IV**

20TH STREET CROSS SECTIONS	
DESIGNED BY: SAS	
DRAWN BY: SAS	
CHECKED BY: BFX	
JOB NO. E-030204	
DATE: 12/18/06	
SCALE: HORIZ. 1/4" = 10 Feet	
VERT. 1/4" = 5 Feet	
SHEET No.	91
OF 92 SHEETS	

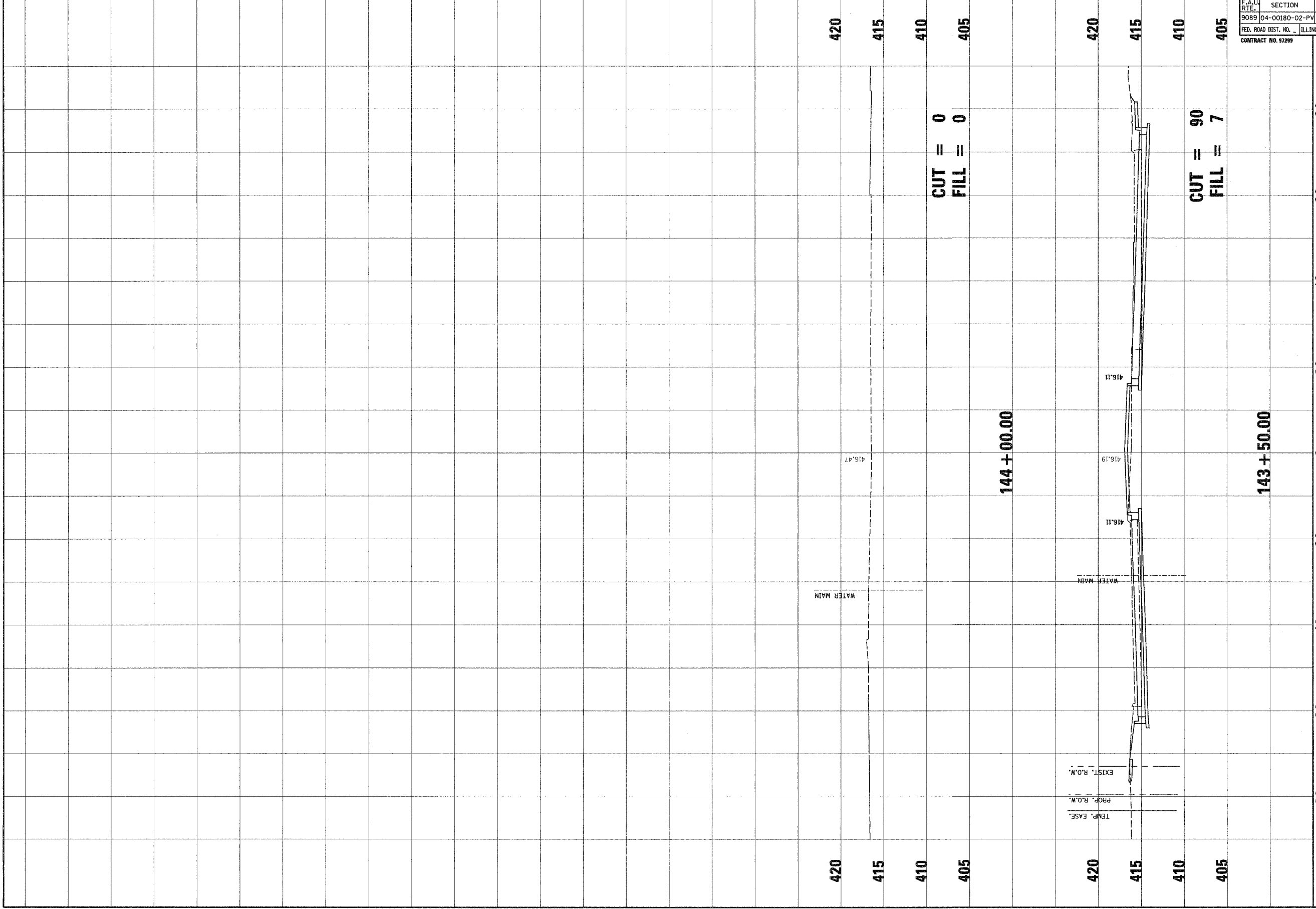
100

100

100

100

100



CUT = 0
FILL = 0

CUT = 90
FILL = 7

144 + 00.00

143 + 50.00

NO.	DATE	BY	REVISIONS	REMARKS

Juravel Associates, Inc. P.C.
 2100 State Street, Suite 1150
 Northbrook, Illinois 60062
 Phone: (847) 499-1000
 Fax: (847) 499-1001
 E-mail: info@juravel.com

CLIENT/PROJECT 1
20TH STREET RECONSTRUCTION
PHASES II, III & IV

20TH STREET
CROSS SECTIONS

DESIGN BY: SAS
DRAWN BY: SAS
CHECK BY: BFK
JOB NO. E-030204
DATE: 12/18/06
SCALE: HORIZ. 1 inch = 10 feet VERT. 1 inch = 5 feet
SHEET No. 92
OF 92 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9089	04-00180-02-PV	MADISON	92	92
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 97299				