

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10	261PP-1	MADISON	6	1
		ILLINOIS	CONTRACT NO. 76N91	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

TRAFFIC DATA

2019 ADT = 13800 (ACTUAL)
2021 ADT = 14100 (ESTIMATED)
2041 ADT = 16800 (ESTIMATED)
SU = 4.0% MU = 2.4%

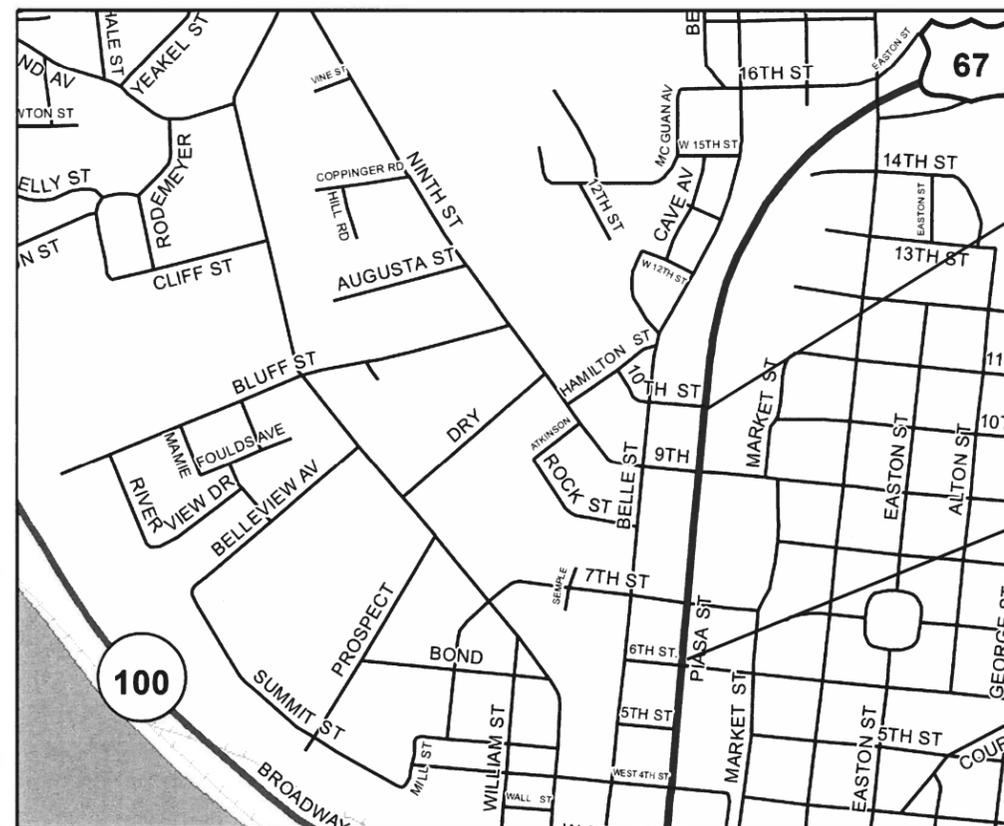
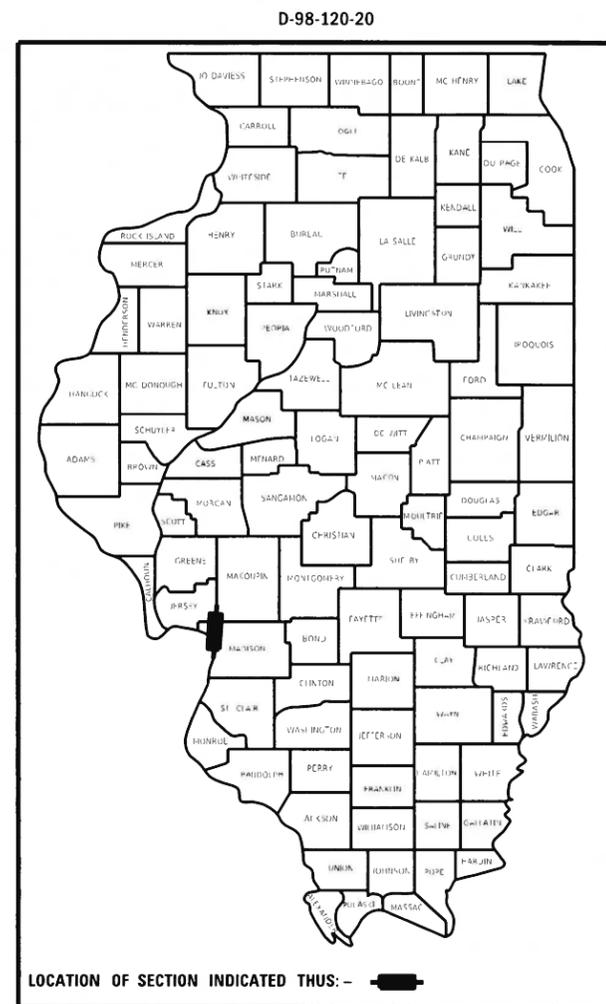
DESIGN DESIGNATION

OTHER PRINCIPAL ARTERIAL

**PROPOSED
HIGHWAY PLANS**

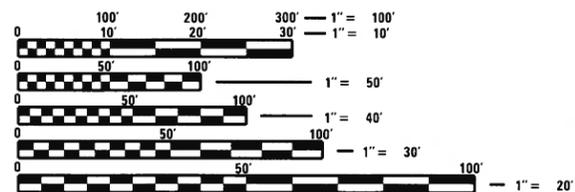
FAP ROUTE 10 (US 067)
SECTION 261PP-1
PATCHING
MADISON COUNTY

C-98-130-20



END PROJECT
STA. 1012+55
LAT: 38° 53' 49" N
LON: 90° 11' 09" W

START PROJECT
STA. 998+00
LAT: 38° 53' 37" N
LON: 90° 11' 10" W



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

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

PROJECT ENGINEER: HERVE GELIN (618)-346-3179
PROJECT MANAGER: ROBERT HUGHES (618)-346-3187

GROSS LENGTH = 1320 FT. = .25 MILE
NET LENGTH = 1320 FT. = .25 MILE

CONTRACT NO. 76N91

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
SUBMITTED October 8, 2020
K. Roberts REGIONAL ENGINEER
December 4, 2020
Scott A. Elk ENGINEER OF DESIGN AND ENVIRONMENT
December 4, 2020
James J. Gu DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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

INDEX OF SHEETS

- 1 COVER SHEET
- 2 INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES AND COMMITMENTS
- 3 SUMMARY OF QUANTITIES
- 4 TYPICAL SECTIONS
- 5 PARTIAL DEPTH PATCHING, FULL DEPTH PATCHING SCHEDULES
- 6 PAVEMENT MARKING SCHEDULES

HIGHWAY STANDARDS

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
420001-09	PAVEMENT JOINTS
442101-09	CLASS B PATCHES
442201-03	CLASS C AND D PATCHES
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5m) TO 24" (600mm) FROM PAVEMENT EDGE
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5m) AWAY
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS ≤ 40 MPH
701606-10	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901-08	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

GENERAL NOTES

1. UTILITIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

CITY OF ALTON SANITARY SEWER 101 EAST THIRD STREET, ALTON IL 62002	BURIED	JULIE MEMBER
CITY OF ALTON LIGHTING 101 EAST THIRD STREET, ALTON IL 62002	BURIED, AERIAL	JULIE MEMBER
AMEREN ILLINOIS GAS & ELECTRIC 2143 VADALABENE DR., MARYVILLE, IL 62062	BURIED, AERIAL	JULIE MEMBER
AT&T ILLINOIS COMMUNICATIONS 213 E. 3RD ST., 2ND FLOOR, ALTON, IL 62002	BURIED, AERIAL	JULIE MEMBER
CHARTER COMMUNICATIONS, INC. CABLE TV 210 WEST DIVISION STREET, MARYVILLE, IL 62062	BURIED, AERIAL	JULIE MEMBER
ILLINOIS AMERICAN WATER COMPANY WATER AND SANITARY SEWER 4436 INDUSTRIAL DRIVE P.O. BOX 186, ALTON, IL 62002	BURIED	JULIE MEMBER

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

- 2. NO SURVEY WAS PERFORMED FOR THIS PROJECT AND THE PLANS WERE CREATED USING MICROFILM AND FIELD MEASUREMENTS.
- 3. THE USE OF VIBRATORY ROLLERS WILL NOT BE PERMITTED WITHIN THE CITY LIMITS OF ALTON. THIS DOES NOT RELIEVE THE CONTRACTOR OF DENSITY REQUIREMENTS FOR THE CONSTRUCTION OF THE BITUMINOUS PAVEMENTS AS SPECIFIED IN SECTIONS 406 & 407 OF THE STANDARD SPECIFICATIONS
- 4. SUFFICIENT PAVEMENT MARKING HAS BEEN CALCULATED TO PROVIDE FOR TEMPORARY PAVEMENT MARKING SHOULD IT BE DEEMED NECESSARY. IF NEEDED, IT SHOULD BE APPLIED ACCORDING TO THE PAVEMENT MARKING SCHEDULE.
- 5. THE RESIDENT ENGINEER SHALL VERIFY THE EXISTENCE OF HIGHWAY LIGHTING AND/OR INTELLIGENT TRANSPORTATION SYSTEMS (I.T.S) UTILITIES WITHIN THE PROJECT LIMITS. IF HIGHWAY LIGHTING AND/OR I.T.S. EXISTS WITHIN THE PROJECT LIMITS, AND IF THESE ITEMS REQUIRE LOCATING, THE CONTRACTOR SHALL BE DIRECTED TO DO SO ACCORDING TO SECTION 803 OF THE STANDARD SPECIFICATIONS. THIS WORK SHALL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
- 6. THE DEPARTMENT STRONGLY ENCOURAGES THE PRIME CONTRACTOR AND THEIR APPROVED SUB-CONTRACTORS TO HIRE MINORITY, WOMEN AND DISADVANTAGED INDIVIDUALS FROM ITS FEDERALLY FUNDED HIGHWAY CONSTRUCTION CAREERS TRAINING PROGRAM (HCCTP) TO HELP MEET WORKFORCE AND TRAINEE GOALS. THIS PROGRAM IS TRAINING MINORITIES, WOMEN AND DISADVANTAGED INDIVIDUALS IN HIGHWAY CONSTRUCTION-RELATED SKILLS, E.G., MATH FOR THE TRADES, JOB READINESS, TECHNICAL SKILLS COURSEWORK (CARPENTRY, CONCRETE FLATWORK, BLUEPRINT READING, SITE PLANS, SITE WORK, TOOLS USE, ETC.) AND OSHA 10 HOUR CERTIFICATION, TO PREPARE THEM FOR A CAREER IN THE HIGHWAY CONSTRUCTION TRADES. GRADUATES ARE WELL-TRAINED AND READY TO BECOME PRODUCTIVE ENTRY-LEVEL CONSTRUCTION WORKERS. CONTACT THE DISTRICT 8 EEO OFFICE AT 618-346-3360 AND/OR THE HCCTP COORDINATOR AT 618-874-6528 TO LEARN MORE ABOUT THE PROGRAM AND FOR ASSISTANCE IN MEETING WORKFORCE AND TRAINEE GOALS.
- 7. ONLY SHORT TERM PAVEMENT MARKING REMOVAL FROM THE FINAL SURFACE SHALL BE PAID FOR AS "SHORT TERM PAVEMENT MARKING REMOVAL"
- 8. THE INTENT OF THE MILLING IS TO REMOVE THE HMA RESURFACING ONLY. THE UNDERLYING CONCRETE SHALL NOT BE DISTURBED.

MIXTURE USE:	PATCHING
AC/PG:	PG 64-22
RAP % (MAX):	SEE SPECIAL PROVISION
DESIGN AIR VOIDS:	4.0% @ NDES=90
MIX COMPOSITION:	IL 9.5
(GRADATION)	
FRICTION AGG:	MIXTURE "D"
QUALITY MGMT: PROGRAM	QC/QA

COMMITMENTS

NONE

REV. - MS

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USER NAME = HUGHESRD	DESIGNED - _____	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
DRAWN - _____	REVISIONS - _____	10				261PP-1	MADISON	6	2		
PLOT SCALE = 40.0000' / in.	CHECKED - _____	REVISIONS - _____		SCALE: NTS		SHEET 1 OF 1 SHEETS		STA. _____ TO STA. _____		CONTRACT NO. 76N91	
PLOT DATE = 9/30/2020	DATE - _____	REVISIONS - _____		ILLINOIS FED. AID PROJECT							

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES				CONSTR. CODE
				100% STATE
				ROADWAY
				006
URBAN				
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	1010	1010
44200970	CLASS B PATCHES, TYPE II, 10 INCH	SQ YD	16	16
44201298	DOWEL BAR 1 1/4"	EACH	20	20
44213200	SAW CUTS	FOOT	72	72
67100100	MOBILIZATION	L SUM	1	1
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	1
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	301	301
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FOOT	100.4	100.4
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	6230	6230
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	74	74
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	74	74
X4406620	PARTIAL DEPTH REMOVAL, TYPE IV, 2"	SQ YD	1802	1802
X4421000	PARTIAL DEPTH PATCHING	TON	203	203

* SPECIALTY ITEM

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	DRAWN - _____	REVISED - _____
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PLOT DATE = 9/30/2020	DATE - _____	REVISED - _____

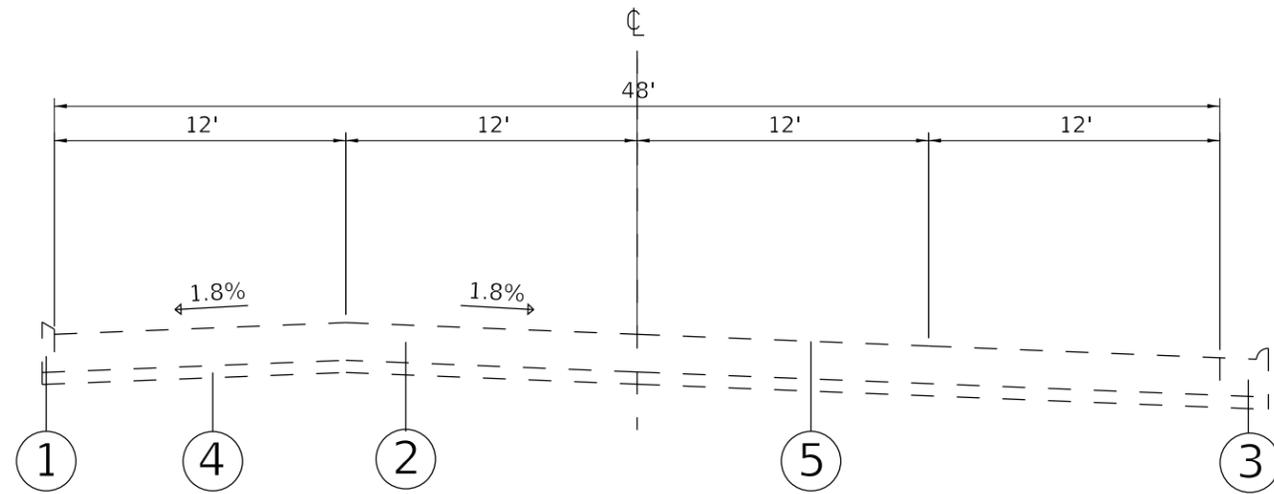
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10	261PP-1	MADISON	6	3
CONTRACT NO. 76N91				
ILLINOIS FED. AID PROJECT				

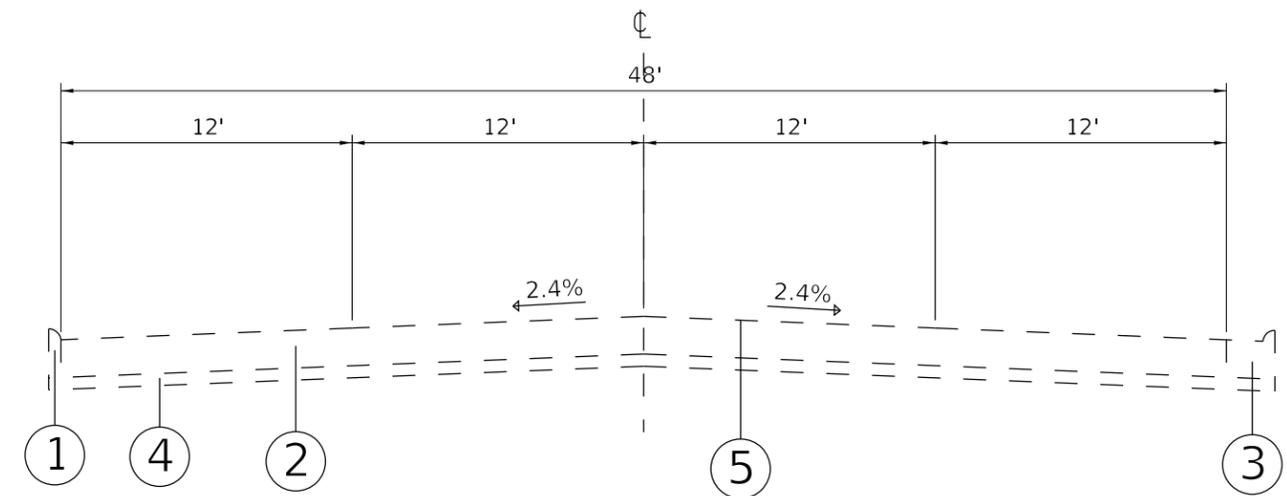
US 67



TYPICAL SECTION

STA. 998+00 TO STA. 1009+02

US 67



TYPICAL SECTION

STA. 1009+02 TO STA. 1012+55

LEGEND

- 1) EXISTING PCC CURB
- 2) EXISTING REINFORCED PCC PAVEMENT 9 1/4"
- 3) EXISTING COMBINATION CONCRETE CURB AND GUTTER TYPE B 6.24
- 4) EXISTING SUBBASE GRANULAR MATERIAL TYPE C
- 5) HMA SURFACE COURSE 2" INTERMITTENT PATCHES

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	DRAWN - _____	REVISED - _____
PLOT SCALE = 40,0000 ' / in.	CHECKED - _____	REVISED - _____
PLOT DATE = 9/30/2020	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

SCALE: NTS SHEET 1 OF 1 SHEETS STA. 998+00 TO STA. 1012+55

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10	261 PP-1	MADISON	6	4
ILLINOIS FED. AID PROJECT			CONTRACT NO. 76N91	

PARTIAL DEPTH PATCHING SCHEDULE

STATION	LOCATION	LENGTH	WIDTH	DEPTH	PARTIAL DEPTH REMOVAL TYPE 4, 2"	PARTIAL DEPTH PATCHING
		(FT)	(FT)	(IN)	(SQ YD)	(TON)
998+79.01 to 1012+55.62	NORTHBOUND PAVEMENT STRIP	1380	4	2	614	69
998+79.01 to 1008+57.62	CENTERLINE PAVEMENT STRIP, SOUTH OF 9TH STREET	980	4	2	436	49
1009+01.62 to 1012+55.62	CENTERLINE PAVEMENT STRIP, NORTH OF 9TH STREET	355	4	2	158	18
998+79.01 to 1008+57.62	SOUTHBOUND PAVEMENT STRIP, SOUTH OF 9TH STREET	980	4	2	436	49
1009+01.62 to 1012+55.62	SOUTHBOUND PAVEMENT STRIP, NORTH OF 9TH STREET	355	4	2	158	18
TOTAL					1802	203

FULL DEPTH PATCHING SCHEDULE

STATION	LOCATION	CLASS	LENGTH	WIDTH	THICKNESS	CLASS B PATCHES, TYPE II, 10 INCH	DOWEL BARS 1 1/4"	SAWCUTS
		(FT)	(FT)	(FT)	(IN)	(SQ YD)	(EACH)	(FT)
998+79.01	IN FRONT OF BUS STOP	B	6	12	12	8	10	36
998+79.01	IN FRONT OF BUS STOP	B	6	12	12	8	10	36
TOTAL						16	20	72

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	DRAWN - _____	REVISED - _____
PLOT SCALE = 40,0000 ' / in.	CHECKED - _____	REVISED - _____
PLOT DATE = 9/30/2020	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES	
SCALE: NTS	SHEET 1 OF 2 SHEETS STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10	261PP-1	MADISON	6	5
CONTRACT NO. 76N91				
ILLINOIS FED. AID PROJECT				

