

11-08-13 LETTING ITEM 046

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS  
**PROPOSED**  
**CONTRACT MAINTENANCE**

FOR INDEX OF SHEETS, SEE SHEET NO. 2

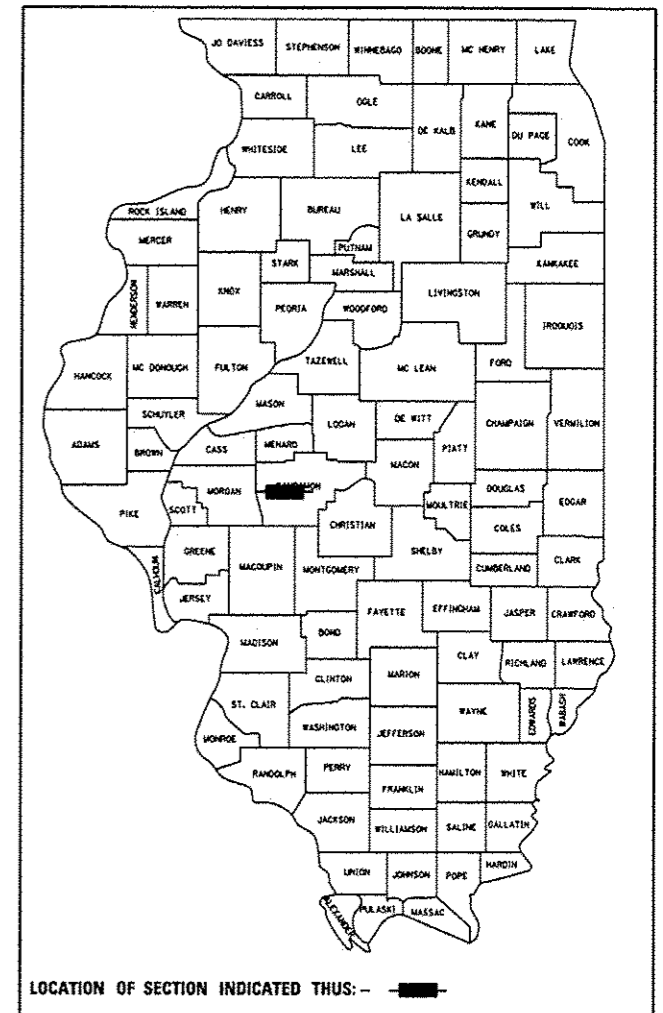
FAI 72 (I-72)  
 SECTION D6 PATCHING SANG. CO. 2014-1  
 PROJECT PAVEMENT PATCHING  
 TYPE of IMPROVEMENT  
 SANGAMON COUNTY

C-96-067-13

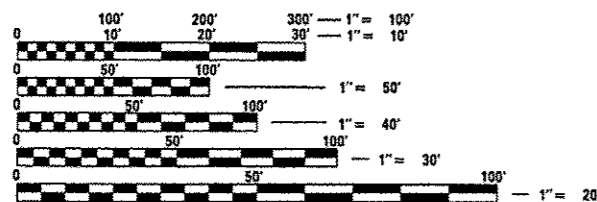
R G W

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	D6 PATCH SANG. CO. 2014-1	SANGAMON	6	1
ILLINOIS			CONTRACT: 72G31	

D-96-067-13



ADT: 16,600 (2011)  
 HCV: 1,775  
 SU: 375700  
 MU: 1,400

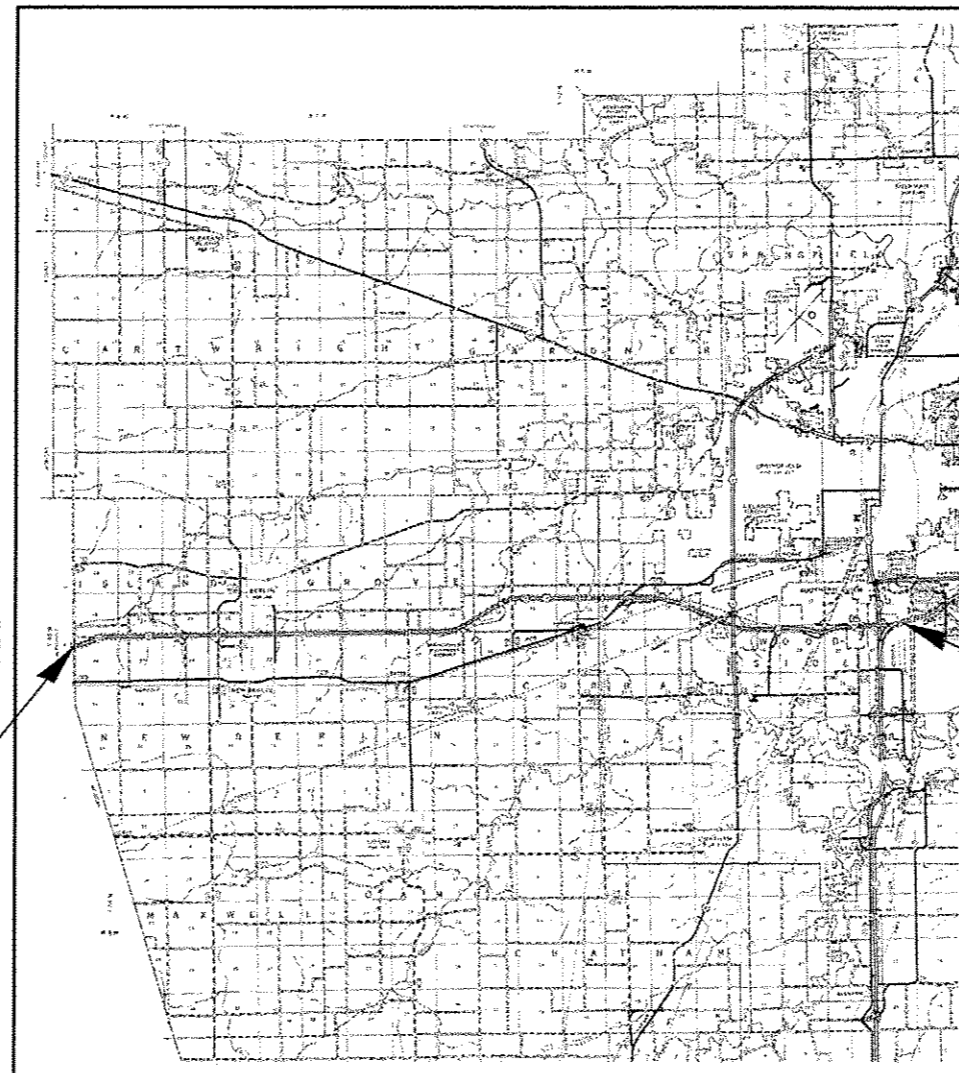


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PLAN AND CONTRACT TECHNICIAN  
 TIMOTHY SHARP (217) 782-7743

CONTRACT NO. 72G31



END PROJECT

BEGIN PROJECT

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS

SUBMITTED August 28 2013  
Raja Z. Amrany  
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

October 4 2013  
John D. Baranzelli P.E. jr  
 acting ENGINEER OF DESIGN AND ENVIRONMENT

October 4 2013  
Omer OSMAN, P.E. jr  
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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 OF THE STATE OF ILLINOIS

**INDEX**

SHEET NO.	DESCRIPTION
1.	COVER SHEET
2.	INDEX, STANDARDS, SIGNATURES
3.	SUMMARY OF QUANTITIES
4.	SCHEDULES
5.	LOCATION MAP
6.	TYPICAL SECTIONS

**STANDARDS**

STANDARD NO.	DESCRIPTION
442001-04	CLASS A PATCHES
701101-03	OFF-RD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
701400-06	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-07	LANE CLOSURE, FREEWAY/EXPRESSWAY
701411-08	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIP RAMP, FOR SPEEDS >45 MPH
701446-04	TWO LANE CLOSURE FREEWAY/EXPRESSWAY
701901-02	TRAFFIC CONTROL DEVICES

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
DISTRICT 6**

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EXAMINED 8/28 20 13

*Bill M. Byrne*  
ENGINEER OF OPERATIONS

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EXAMINED AUGUST 16 20 13

*Jimmy F. L.*  
ENGINEER OF PROJECT IMPLEMENTATION

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EXAMINED AUGUST 16 20 13

*Laura R. Mlacovich*  
ENGINEER OF PROGRAM DEVELOPMENT

				CONSTR. CODE	
				100% STATE	
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	
				0005	
				S. N.	
44200565	CLASS A PATCHES, TYPE II, 11 INCH	SQ YD	176.1	176.1	
44200569	CLASS A PATCHES, TYPE III, 11 INCH	SQ YD	16	16	
44200571	CLASS A PATCHES, TYPE IV, 11 INCH	SQ YD	146.8	146.8	
44213000	PATCHING REINFORCEMENT	SQ YD	338.7	338.7	
44213200	SAW CUTS	FOOT	1,564	1,564	
44213204	TIE BARS 3/4"	EACH	26	26	
67100100	MOBILIZATION	L SUM	1	1	
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	10	10	
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1	1	
70100815	TRAFFIC CONTROL AND PROTECTION, STANDARD 701446	L SUM	1	1	
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	2	2	
70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	1	
X4820110	HOT-MIX ASPHALT SHOULDER REMOVAL AND REPLACEMENT (SPECIAL)	SQ YD	150	150	

FILE NAME *	USER NAME * shorpid	DESIGNED - DMS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S:\CONTRACTS\CAD\72631 - 1-72 Sangamon	patching 11-8-2013 letting\*3 05xxxx\shorpid	DRAWN - DMS	REVISED -			72	D6 PATCH SANG. CO. 2014-	SANGAMON	6	3
Default	PLOT SCALE * 48.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 72631				
	PLOT DATE * Jul-26-2013 08:12:17AM	DATE - 5-13-2013	REVISED -			ILLINOIS FED. AID PROJECT				
				SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____						

## PATCHING SCHEDULE

LOCATION	CLASS A PATCHES				CLASS A PATCHES			SAW	TIE	PATCH	
					11 IN	11 IN	11 IN	CUTS	BARS	REINF	
	LENGTH (FT)	WIDTH	SQ YD	TY II	TY III	TY IV	FOOT	EACH	SQ YD		
WESTBOUND 72	PASS.	CENT.	DRIV.								
<b>WEST OF 55</b>											
STA 650+59			6.0	12.0	8.0	8.0		60.0	8.0		
STA 545+35	10.0			12.0	13.3	13.3		68.0	13.3		
STA 462+89			6.0	12.0	8.0	8.0		60.0	8.0		
STA 433+75			6.0	12.0	8.0	8.0		60.0	8.0		
STA 408+90			6.0	12.0	8.0	8.0		60.0	8.0		
STA 407+50			12.0	12.0	16.0		16.0	72.0	16.0		
STA 402+40			20.0	12.0	26.7			88.0	26.7		
STA 1368+05			8.0	12.0	10.7	10.7		64.0	10.7		
STA 1368+05	8.0			12.0	10.7	10.7		64.0	10.7		
STA 1365+95			10.0	12.0	13.3	13.3		68.0	13.3		
STA 486+00			8.0	12.0	10.7	10.7		64.0	10.7		
STA 400+50			50.0	12.0	66.7		66.7	148.0	26	66.7	
<b>TOTAL W.B.</b>					200.0	90.7	16.0	93.4	876.0	26.0	200.0
<b>EASTBOUND 72</b>											
<b>MORGAN C.L.</b>											
STA 12+90			6.0	12.0	8.0	8.0		60.0	8.0		
STA 63+04			10.0	12.0	13.3	13.3		68.0	13.3		
STA 405+50			20.0	12.0	26.7		26.7	88.0	26.7		
STA 514+37		6.0		12.0	8.0	8.0		60.0	8.0		
STA 665+10			8.0	12.0	10.7	10.7		64.0	10.7		
STA 665+10	8.0			12.0	10.7	10.7		64.0	10.7		
STA 681+20			20.0	12.0	26.7		26.7	88.0	26.7		
STA 682+27			10.0	12.0	13.3	13.3		68.0	13.3		
STA 693+22			8.0	12.0	10.7	10.7		64.0	10.7		
STA 693+22	8.0			12.0	10.7	10.7		64.0	10.7		
<b>TOTAL W.B.</b>					138.7	85.4	0.0	53.4	688.0	0.0	138.7
<b>TOTALS</b>					338.7	176.1	16.0	146.8	1564.0	26.0	338.7

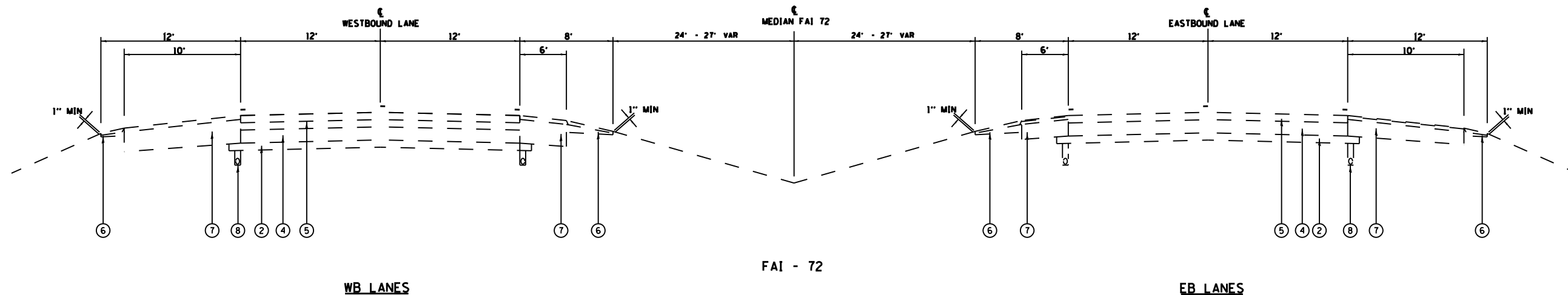
## MIXTURE REQUIREMENTS

THE FOLLOWING MIXTURE REQUIREMENTS

ARE APPLICABLE FOR THIS PROJECT

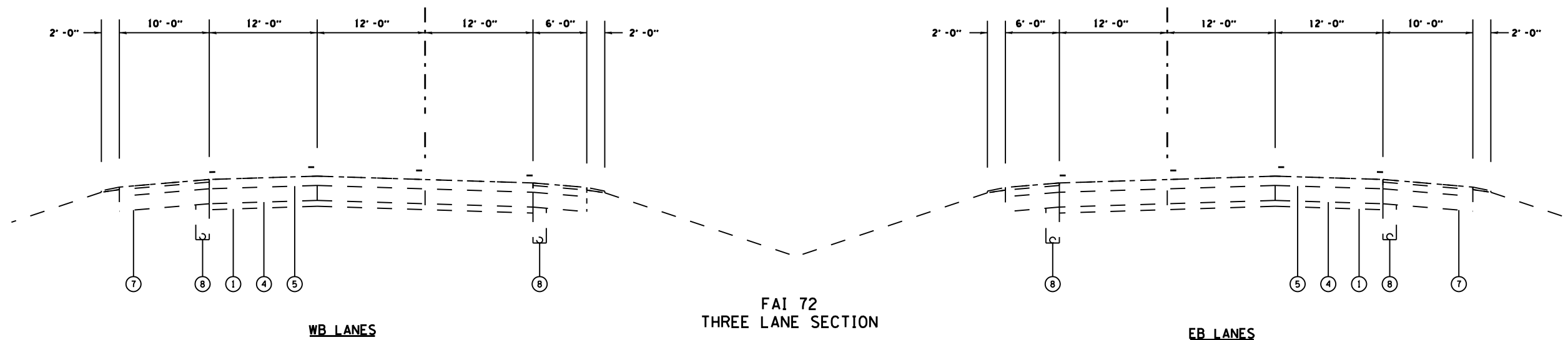
MIXTURE USE(S)	H.M.A. SHOULDER REM & REPL SURF	H.M.A. SHOULDER REM & REPL LOWER LIFTS
AC/PG	PG 64-22	PG 64-22
DESIGN AIR VOIDS	4.0% @ N DESIGN = 50	4.0% @ N DESIGN = 50
MIXTURE COMP	IL 9.5	IL 19.0
FRICITION AGG	MIX "C"	N/A





**LEGEND**

- ① EX STABILIZED SUB-BASE 4"
- ② EX AGGREGATE SUB-BASE 4"
- ③ EX CRPCC PAVEMENT 8"
- ④ EX CRPCC PAVEMENT
- ⑤ EX HOT-MIX ASPHALT SURFACE COURSE (VARIABLE THICKNESS)
- ⑥ EX AGGREGATE SHOULDERS
- ⑦ EX HOT-MIX ASPHALT SHOULDERS
- ⑧ EX PIPE UNDERDRAIN



FILE NAME :	USER NAME : #USER#	DESIGNED - _____	REVISED - _____	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICALS</b>		F.A.I. RTE.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN - _____	REVISED - _____		72	D6 PATCH SANG. CO. 2014-1	SANGAMON	6	6		
#MODELNAME#		CHECKED - _____	REVISED - _____		CONTRACT NO. 72G31			ILLINOIS FED. AID PROJECT			
		DATE - _____	REVISED - _____		SCALE: _____	SHEET _____	OF _____	SHEETS	STA. _____	TO STA. _____	