

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

**PROPOSED  
HIGHWAY PLANS**

FAS ROUTE 631 (OLD US 36)  
SECTION (16) RS-4; (17) RS-3

**MICROSURFACING  
SANGAMON COUNTY**

C-96-149-10

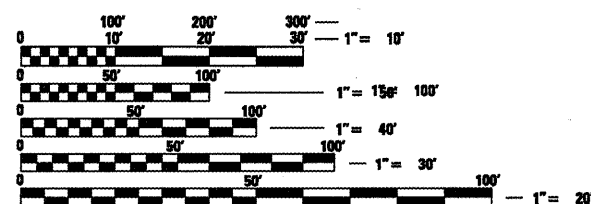
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
631	(16)RS-4; (17)RS-3	SANGAMON	4	1
		ILLINOIS	CONTRACT NO. 72D25	

**INDEX OF SHEETS**

- 1 COVER SHEET
- 2 SUMMARY OF QUANTITIES
- 3 SCHEDULE OF QUANTITIES
- 4 TYPICAL CROSS SECTION

**LIST OF STANDARDS**

- 000001-05
- 442201-03
- 701001-02
- 701006-03
- 701011-02
- 701201-03
- 701301-03
- 701306-02
- 701311-03
- 701901-01
- 781001-03



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.

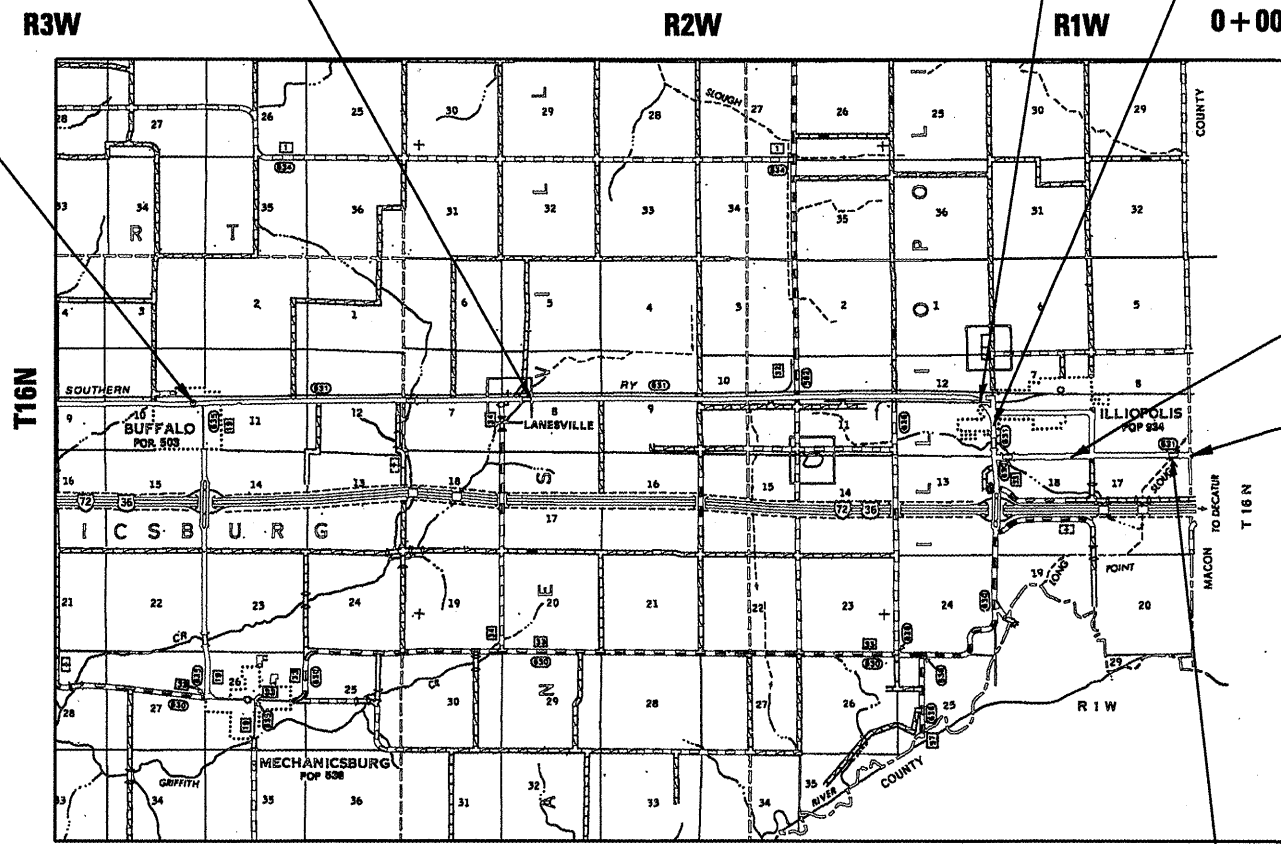
J.U.L.I.E.  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
1-800-892-0123  
OR 811

PROJECT ENGINEER JOHN NEGANGARD (217)782-6990  
PROJECT MANAGER JULIET SHOULTZ (217)785-2739

CONTRACT NO. 72D25

STATION EQUATION:  
315 + 38.80 (BK) = 315 + 40.30 (AH)

PROJECT BEGINS  
STA 252 + 00.00



R.R. OMISSION  
STA. 560 + 00.00  
STA. 562 + 00.00

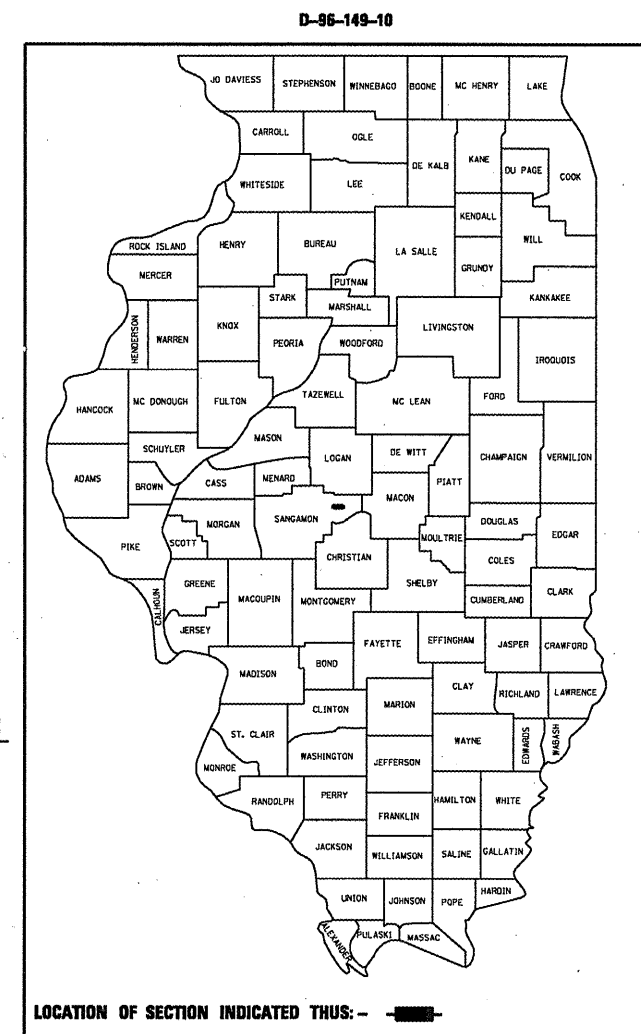
STATION EQUATION:  
724 + 40.00 (BK) =  
0 + 00.00 (AH)

STATION EQUATION:  
34 + 00.00 (BK) = 758 + 40.00 (AH)

PROJECT ENDS  
STA 850 + 00.00

BRIDGE OMISSION  
STA. 837 + 08.80  
STA. 839 + 14.00

NET LENGTH = 11.24 MILES



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED January 21 20 10  
Roger Z. Daskal  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

March 19 20 10  
Scott E. Stitt, P.E. / B.S.  
ACTING ENGINEER OF DESIGN AND ENVIRONMENT

March 19 20 10  
Christine M. Reed / B.S.  
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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

Code No.	Item	Unit	Total	OLD US 36 100% STATE CONST CODE F000
X0321374	GRADING AND SHAPING SHOULDERS	FOOT	53,000	53,000
X0324951	CAPE SEAL	SQ YD	172,173	172,173
X0326217	TEMPORARY RAISED PAVEMENT MARKER	EACH	2,980	2,980
44200188	PAVEMENT PATCHING, TYPE I, 16 INCH	SQ YD	585	585
44200202	PAVEMENT PATCHING, TYPE II, 17 INCH	SQ YD	310	310
44200204	PAVEMENT PATCHING, TYPE III, 17 INCH	SQ YD	32	32
67100100	MOBILIZATION	L SUM	1	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	5960	5960
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	1987	1987
78001120	PAINT PAVEMENT MARKING - LINE 5"	FOOT	148,483	148,483
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	735	735
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	735	735

Rev.

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>				F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\PWIDOT\LAUGHLINRL\d0166888\	672025-shr-500.dgn	DRAWN -	REVISED -		SCALE:	SHEET NO. 2 OF 4 SHEETS	STA.	TO STA.	631	(16)RS-4; (17)RS-3	SANGAMON	4	2
	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -						CONTRACT NO. 72D25				
	PLOT DATE = Jan-22-2010 08:40:03AM	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

STA. E&N. 315+38.80 (BK) = 315+40.30 (AH)  
 RR OMISSION: STA. 560+00.00 to STA. 562+00.00  
 STA. E&N. 724+40.00 (BK) = 0+00.0 (AH)  
 STA. E&N. 34+00.0 (BK) = 758+40.0 (AH)

Station Range			Width	Length	Area	CAPE Seal	Short Term	Work Zone Pavement	Temporary Raised	Raised Reflective	Raised Reflective
TO	TO	TO	(FT)	(FT)	(SY)	(SY)	Pavement Marking	Marking Removal	Pavement Markers	Markers Removal	Markers Installation
252+00	TO	315+39	26	6,339	18,312	18,312	634	211	317	79	79
315+40	TO	560+00	26	24,460	110,661	70,661	2446	815	1223	306	306
562+00	TO	724+40	26	16,240	46,916	46,916	1624	541	812	204	204
+	TO	34+00	26	3,400	9,822	9,822	340	113	170	43	43
758+40	TO	850+00	26	9,160	26,462	26,462	916	305	458	115	115
Totals				59,599	172,173	172,173	5960	1987	2980	735	735

**Paint Pavement Marking Line 5"**

	Length	Edge Line	Skip/No Passing
	(FT)	(FT)	(FT)
No Passing Zones	59,599	119,197	29,286
		Total	148,483

**NOTES:**

- The Fine Aggregate used within the A-1 treatment for the CAPE SEAL shall be CA-16
- Voids resulting from removal of raised reflective pavement markers to be filled with an approved mix that will not react with the surface treatment, cost to be included with cost for raised reflective pavement marker removal
- No passing zones shall be field verified by District 6 Operations 14 days prior to final pavement markings.

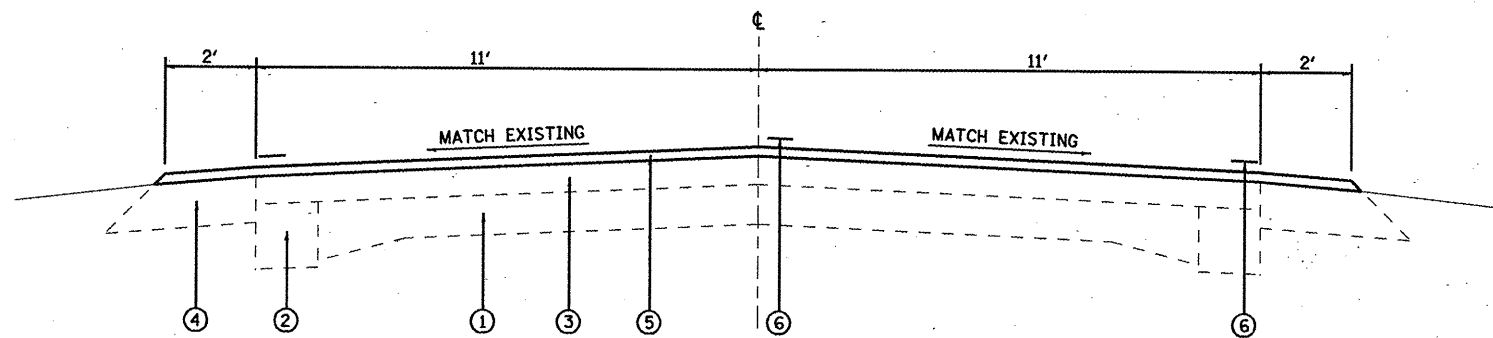
**Mixture Requirements**

Location(s):	Pavement Patching
Mixture Use(s):	PG 64-22
PG:	4.0% @ N Design = 50
Design Air Voids:	IL 19.0
Mixture Composition: (Gradation Mixture)	N/A
Friction Aggregate:	

DISTRICT SIX	
EXAMINED	December 10 20 09
	<i>[Signature]</i>
OPERATIONS ENGINEER	
EXAMINED	December 8 20 09
	<i>[Signature]</i>
PROGRAM DEVELOPMENT ENGINEER	
EXAMINED	Dec 11 20 09
	<i>[Signature]</i>
PROGRAM IMPLEMENTATION ENGINEER	

Rev.

FILE NAME	USER NAME	DESIGNED	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		SCHEDULE OF QUANTITIES		F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pwork\PWIDOT\JONESTM\0166808\0672025-shr-schedule.dgn	jonestm	DRAWN	REVISED					631	(16)RS-4; (17)RS-3	SANGAMON	4	3
PLOT SCALE = 1/8" = 100.0000' / IN.		CHECKED	REVISED			SCALE: SHEET NO. 3 OF 4 SHEETS STA. TO STA.		CONTRACT NO. 72D25				
PLOT DATE = Dec-04-2009 08:46:42AM		DATE	REVISED					ILLINOIS FED. AID PROJECT				



**TYPICAL SECTION**

STA. 252+00.00 - 315+38.80  
 STA. 315+40.30 - 724+40.00  
 STA. 0+00.00 - 34+00.00  
 STA. 758+40.00 - 850+00.00

**LEGEND**

- ① EXISTING PCC PAVEMENT (9-6-9)
- ② EXISTING PCC WIDENING (9")
- ③ EXISTING HMA OVERLAY (8" AND VARIABLE)
- ④ EXISTING HMA SHOULDERS (8")
- ⑤ PROPOSED CAPE SEAL
- ⑥ PROPOSED PAINT PAVEMENT MARKING (5")

**STATION EQUATION:**

315+38.80 (BK) = 315+40.30 (AH)  
 724+40.00 (BK) = 0+00.00 (AH)  
 34+00.00 (BK) = 758+40.00 (AH)

FILE NAME = c:\pw\work\FWIDOT\LAUGHLINRL\08166808\72025-shr-typicals.dgn	USER NAME = laughlinr1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTION</b>			F.A.S. RTE. 631	SECTION (16)RS-4; (17)RS-3	COUNTY SANGAMON	TOTAL SHEETS 4	SHEET NO. 4
PLOT SCALE = 40.0000 1/ IN.	CHECKED -	REVISED -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	CONTRACT NO. 72025		
PLOT DATE = Jan-22-2010 08:39:13AM	DATE -	REVISED -	REVISED -		ILLINOIS FED. AID PROJECT							