

F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
273	03-00092-02-WR	GRUNDY	7	1
ILLINOIS PROJECT				

CONTRACT NO. 87304

INDEX OF SHEETS

- COVER SHEET, INDEX OF SHEETS, STANDARDS, LOCATION MAP
- SUMMARY OF QUANTITIES, GENERAL NOTES, RESETTING SURVEY MONUMENTS TABLE, WIDENING TABLE, HOT-MIX ASPHALT SURFACE REMOVAL TABLE, EPOXY PAVEMENT STRIPING TABLE, CLASS D PATCH TABLE
- TYPICAL CROSS SECTIONS, HOT-MIX ASPHALT DATA TABLE, RATES OF APPLICATION
- TYPICAL ENTRANCE DETAIL, TYPICAL INTERSECTION DETAIL, TYPICAL MAILBOX TURNOUT DETAIL, TYPICAL TAPER AT BUTT JOINT
- WB-55 INTERSECTION DETAIL
- SUGGESTED LAYOUT FOR TRAFFIC CONTROL DEVICES
- BRIDGE DECK & GUARD RAIL

STANDARDS

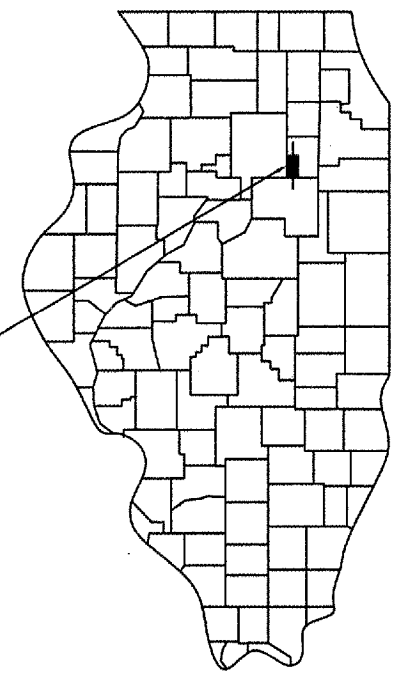
- 630301-04 TYPE 1 (SPECIAL) GUARDRAIL TERMINALS, 2 SHEETS
- 635006-02 REFLECTOR AND TERMINAL MARKER PLACEMENT
- 635011-01 REFLECTOR MARKER AND MOUNTING DETAILS, 3 SHEETS
- 667101 PERMANENT SURVEY MARKERS
- 701201-02 LANE CLOSURE, 2 LANE, 2 WAY, DAY ONLY
- 701306-01 LANE CLOSURE, 2 LANE, 2 WAY, SLOW MOVING OPERATIONS, DAY ONLY
- 701311-02 LANE CLOSURE, 2 LANE, 2 WAY, MOVING OPERATION, DAY ONLY
- 701326-02 LANE CLOSURE, 2 LANE, 2 WAY, PAVEMENT WIDENING
- 702001-06 TRAFFIC CONTROL DEVICES, 3 SHEETS
- 780001-01 TYPICAL PAVEMENT MARKINGS, 2 SHEETS
- BLR 21-6 TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLANS FOR
PROPOSED LOCAL AGENCY IMPROVEMENT
FEDERAL-AID SECONDARY PROJECT
STR FUNDS

F.A.S. ROUTE 273, C.H. T64, KINSMAN ROAD,
SECTION 03-00092-02-WR, GRUNDY COUNTY,
PROJECT SR-273(106)
JOB NUMBER C-93-043-05

RURAL MAJOR COLLECTOR
DESIGN SPEED - 40 M.P.H.



PROJECT LOCATION

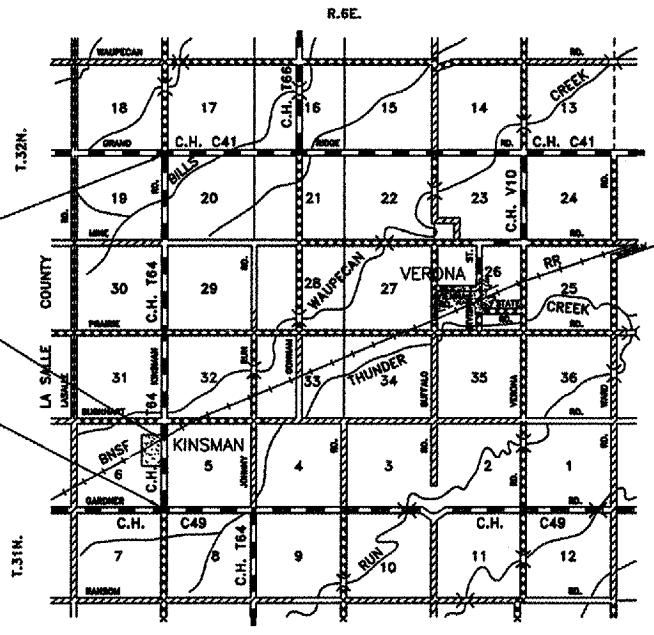
LOCATION OF SECTION INDICATED THUS: - [Symbol]

EXISTING ROAD STA. 0+93 TO STA. 52+35	
7" AGG BASE CSE 7" x 0.08 =	0.56
3" HOT-MIX ASPHALT 3" x 0.30 =	0.90
	1.46
PROPOSED IMPROVEMENT STA. 0+93 TO STA. 52+35	
COLD MILL 1 1/2" HOT-MIX ASPHALT 1.5 x 0.30 =	-0.45
3" HOT-MIX ASPHALT 3" x 0.4 =	1.20
TOTAL AFTER PROPOSED IMPROVEMENT	2.21
EXISTING ROAD STA. 52+35 TO STA. 212+19	
7" AGG. BASE COURSE 7" x 0.08 =	0.56
3" HOT-MIX ASPHALT 3" x 0.23 =	0.69
1 1/2" HOT-MIX ASPHALT 1 1/2" x 0.30 =	0.45
	1.70
PROPOSED IMPROVEMENT STA. 52+35 TO STA. 212+19	
COLD MILL 1 1/2" HOT-MIX ASPHALT 1 1/2" x 0.30 =	-0.45
3" HOT-MIX ASPHALT 3" x 0.40 =	1.20
TOTAL AFTER PROPOSED IMPROVEMENT	2.45
PROPOSED HOT-MIX ASPHALT BASE COURSE WIDENING	
4" HOT-MIX ASPHALT BASE COURSE WIDENING 4" x 0.40 =	1.60
3" HOT-MIX ASPHALT 3" x 0.40 =	1.20
	2.80

PROPOSED IMPROVEMENT
ENDS STA. 212+19

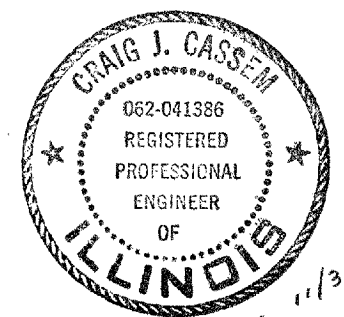
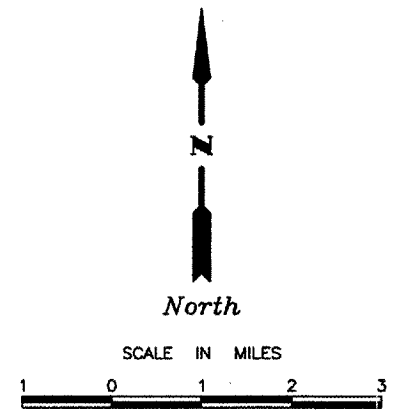
OMISSION: STA. 39+83
TO STA. 40+27 = 44'

PROPOSED IMPROVEMENT
BEGINS STA. 0+93



LOCATION MAP

GROSS LENGTH: 21,126.00 FEET = 4.001 MILES
OMISSIONS: 44.00 FEET = 0.008 MILES
NET LENGTH: 21,082.00 FEET = 3.993 MILES



Expires 11/30/07

UTILITIES

J.U.L.I.E. SYSTEM - THE TOLL FREE TELEPHONE NUMBER FOR JOINT UTILITY LOCATING INFORMATION FOR EXCAVATION IS 1-800-892-0123

THE ACCEPTANCE OF THIS PROJECT IS BASED ON THE MINIMUM DESIGN CRITERIA FOR 3-R BLR MANUAL.

THESE PLANS WERE PREPARED BY ME OR BY A FULL TIME MEMBER OF MY STAFF WORKING UNDER MY PERSONAL SUPERVISION.

APPROVED April 24 2007
Craig J. Cassem
CRAIG J. CASSEM
GRUNDY COUNTY ENGINEER

PASSED May 23 2007
Kenneth L. Long
DISTRICT THREE ENGINEER OF
LOCAL ROADS & STREETS

APPROVED May 23 2007
George F. Ryan
DEPUTY DIRECTOR OF HIGHWAYS
REGION TWO ENGINEER

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

2007 ADT = 338	
2015 ADT = 390	
TF ₁₅ = 0.01	M.U. = 3%
IBR = 3.0	S.U. = 9%
D _t = 2.0	P.V. = 88%

PREVIOUS CONSTRUCTION SECTIONS

21-G	1947
(13, 21 RS)	1970
82-00076-00-RS	1982
86-00092-01-RS	1987