

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	300
FED. ROAD DIST. NO. 1	ILLINOIS	CONTRACT NO. 60C31		

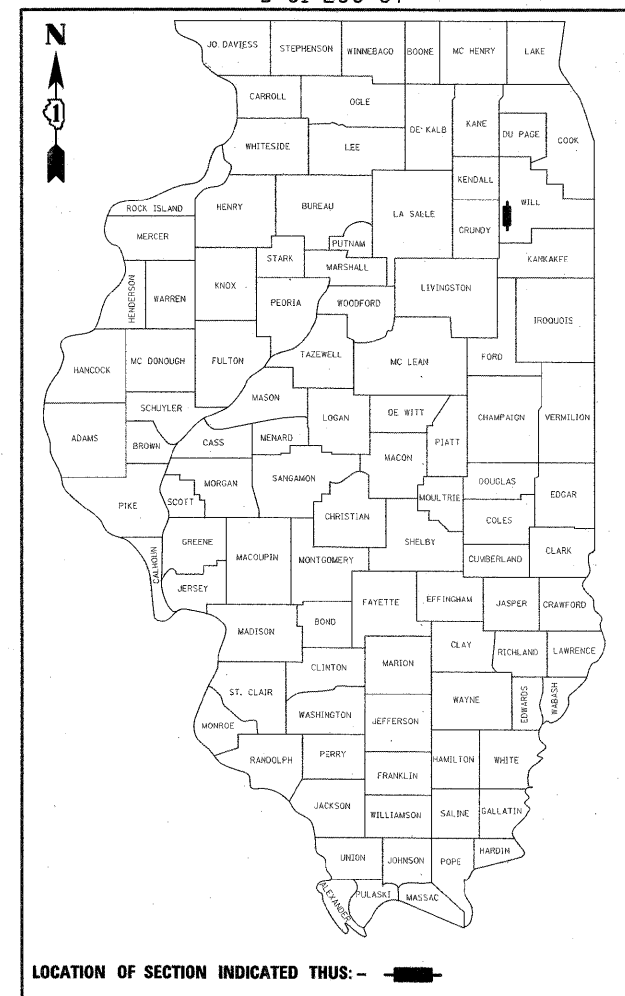
FOR INDEX OF SHEETS, SEE SHEET NO. 2 (VOLUME I)
FOR INDEX OF SHEETS, SEE SHEET NO. 301 (VOLUME III)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

ROUTE FAI 55 (I-55)
SECTION (99-1&2)AC-3
PROJECT
I-55 AT ARSENAL ROAD
INTERCHANGE RAMP AND
FRONTAGE ROAD CONSTRUCTION
WILL COUNTY
C-91-200-07

D-91-200-07



VOLUME II

STATION EQUATIONS:

STA 5025+24.74 BK ϕ WEST FRONTAGE ROAD =
STA 4000+00.00, 12.00' LT AH ϕ RAMP D =
STA 6000+00.00 AH ϕ WEST FRONTAGE CONNECTOR

STA 2038+02.19 BK ϕ RAMP C (PT) =
STA 100+00.00 AH ϕ RAMD E (PC) =
STA 7021+82.16, 36.00' RT BK ϕ RAMP A

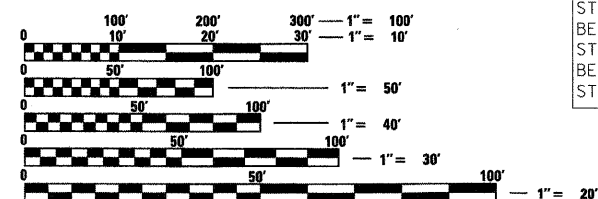
STA 126+08.25, 21.00' LT BK END ϕ RAMP E =
STA 3000+00.00, 21.00' LT AH ϕ RAMP B =
STA 900+00.00 AH ϕ ARSENAL ROAD =
STA 1050+03.08, 146.78' RT ϕ I-55

DESIGN DESIGNATION

I-55 RAMP A 5700(10) INTERSTATE - CLASS II TRUCK ROUTE 11.34 (JPCP-20)
I-55 RAMP B 18500(10) INTERSTATE - CLASS I TRUCK ROUTE 18.20 (JPCP-20)
I-55 RAMP C 18500(10) INTERSTATE - CLASS I TRUCK ROUTE 18.20 (JPCP-20)
I-55 RAMP D 5400(10) INTERSTATE - CLASS II TRUCK ROUTE 11.34 (JPCP-20)
I-55 RAMP E 24200(10) INTERSTATE - CLASS I TRUCK ROUTE 18.20 (JPCP-20)
ARSENAL ROAD 35900(10) SUBURBAN STRATEGIC REGIONAL ARTERIAL (SRA) -
CLASS I TRUCK ROUTE 22.47 (JPCP-20)

EAST FRONTAGE ROAD 3400(10) COLLECTOR STREET 3.20 (BIT-20)
WEST FRONTAGE CONNECTOR 4900(10) COLLECTOR STREET 4.63 (JPCP-20)
WEST FRONTAGE ROAD 4900(10) COLLECTOR STREET 3.20 (BIT-20)

DESIGN SPEED: I-55 = 70 MPH
ARSENAL ROAD = 50 MPH
EAST FRONTAGE ROAD = 50 MPH
WEST FRONTAGE CONNECTOR = 50 MPH
WEST FRONTAGE ROAD = 50 MPH
RAMPS A, C, D & E = 50 MPH
RAMP B = 40 MPH

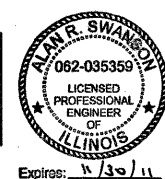


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD
ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT
CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS
ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

DISTRICT 1 NO. (847) 705-4523
PROJECT ENGINEER: HELEN PAZON

CONTRACT NO. 60C31



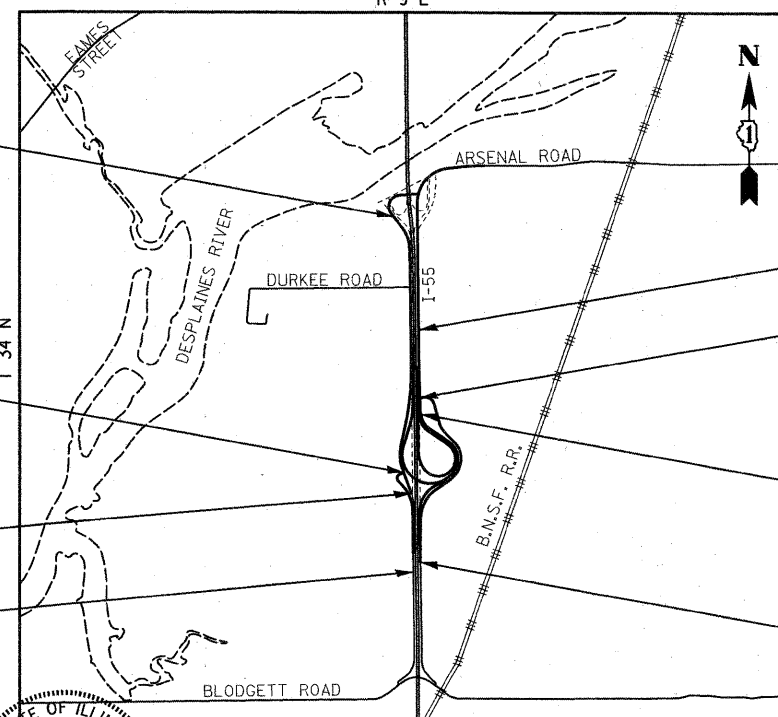
SIGNATURE: *Alan R. Swanson*
DATE: 11/30/2011
NAME: ALAN SWANSON
EXP. 11/30/2011
SHEETS 1-86, 125-143,
184-198, 236-290, 299-301
357-524



SIGNATURE: *Gerald E. Koylass*
DATE: 11/30/2011
NAME: GERALD E. KOYLASS
EXP. 11/30/2011
SHEETS 302-322



SIGNATURE: *Steven C. Poland*
DATE: 11/30/2011
NAME: STEVEN C. POLAND
EXP. 11/30/2011
SHEETS 323-341



END IMPROVEMENT
STA 6077+54.15
 ϕ WEST FRONTAGE CONNECTOR

END IMPROVEMENT
STA 5025+36.74 ϕ WEST FRONTAGE ROAD;
BEGIN IMPROVEMENT
STA 4000+00.00 ϕ RAMP D;
BEGIN IMPROVEMENT
STA 6000+00.00 ϕ WEST FRONTAGE CONNECTOR

END IMPROVEMENT
STA 4009+20.92 ϕ RAMP D

BEGIN IMPROVEMENT
STA 4993+41.47
 ϕ WEST FRONTAGE ROAD

END IMPROVEMENT
STA 919+75.00 ϕ ARSENAL ROAD

END IMPROVEMENT
STA 8058+20.79 ϕ EAST FRONTAGE ROAD =
STA 904+96.95 ϕ ARSENAL ROAD

BEGIN IMPROVEMENT
STA 900+00.00 ϕ ARSENAL ROAD

BEGIN IMPROVEMENT
STA 7997+84.25
 ϕ EAST FRONTAGE ROAD

LOCATION MAP
SCALE = 1:2400

LENGTH OF PROJECT

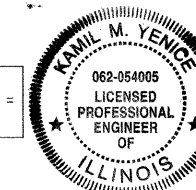
ARSENAL ROAD = 1,975.00 FT = 0.374 MI
WEST FRONTAGE CONNECTOR = 7,754.15 FT = 1.469 MI
WEST FRONTAGE ROAD = 3,195.27 FT = 0.605 MI
EAST FRONTAGE ROAD = 6,036.54 FT = 1.143 MI
RAMP D = 920.92 FT = 0.174 MI
GROSS AND NET LENGTH = 19,881.88 FT = 3.765 MI



SIGNATURE: *S. S. Rikhiral*
DATE: 11/30/2011
NAME: SADHU SINGH RIKHIRAL
EXP. 11/30/2011
SHEETS 144-183



SIGNATURE: *Richard A. Young*
DATE: 11/30/2011
NAME: RICHARD A. YOUNG
EXP. 11/30/2011
SHEETS 87-124



SIGNATURE: *Kamil M. Yenice*
DATE: 11/30/2011
NAME: KAMIL YENICE
EXP. 11/30/2011
SHEETS 291-298

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
SUBMITTED DECEMBER 11, 2009
Diana M. O'Keefe
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

ENGINEER OF DESIGN AND ENVIRONMENT

DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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