CONTRACT NO. 66638

F. A. I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
74	*	**	28	19
STA.		TO STA.		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

D3 INTERSTATE SAFETY 2007-2
FORD, IROQUOIS, KANKAKEE

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

STEP DIAGRAM PIER #1

TOP PLAN

ELEVATION

DIMENSIONS

REINFORCEMENT

END VIEW

STEP DIAGRAM PIER #3

FOOTING PLAN

DIMENSIONS

REINFORCEMENT

SECTION C-C

SECTION A-A

SECTION B-B

BARS 3
A & B DIMENSIONS

BAR 18

VIEW D-D

Note: Space reinforcement in cap to miss anchor bolts.
Min. bar laps = 60 dia unless otherwise noted.
All edges shall have ¾" chamfer.
Four steps monolithically with cap

Maximum Soil Pressure - 2.82 tons/sq ft
The face toward the ↑

Galvanized bolt nut & Plate Washer Washer

16 ANCHOR BOLTS

TWO PIERS
BILL OF MATERIAL

Quan.	No.	Size	Length	Shape
Dp.	18	#5	20'0	
Pp	10	#7	33'6	
Pp2	8	#5	33'6	
Pp4	108	#7	6'0	
P3	28	#10	46'6	
P4	12	#6	8'0	
P5	12	#6	32'6	
S1	88	#6	6'6	
S2	30	#5	6'2	
S3	112	#6	7'2	
S4	236	#3	7'5	
S5	72	#3	5'3	
S6	12	#3	6'6	
S8	70	#5	8'0	
L1	76	#8	6'6	
L2	12	#8	7'0	
L3	104	#7	13'0	
L4	18	#7	37'6	
Class X Concrete cu yds			25.5	
Reinforcement Bars Lbs			20,500	
Name Plates		Ea	2	

SN 038-0129
NB

PIERS #1 & #3
FAI RT 57 SEC. 38-5NB-3
IROQUOIS COUNTY
STA. 707+86.74

4/3/2006
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INFORMATION ONLY

SN 038-0129 NB
EXISTING STRUCTURE