F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1602	74 B-1	COOK	34	11
STA. 10+50		TO STA.15+75.79		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 62418

MATCH LINE STA. 10+50
SEE SHEET 10

RELOCATE SIGN
STA. 10+90.60
OFF. 19.5' LT

RELOCATE SIGN
STA. 11+08.99
OFF. 19.5' LT

BIT. CONC. SURFACE COURSE, SUPERPAVE, MIX "D", N70, 2"
BIT. CONC. BINDER COURSE, SUPERPAVE, IL-19.0, N70, 4¾"
BIT. CONC. BINDER COURSE, SUPERPAVE, IL-19.0, N50, 2¼"
AGGREGATE SUBGRADE, 12"

RELOCATE SIGN
STA. 13+39.44
OFF. 19.50' LT

BIT SHLD SUPER 8"
AGG SUBGRADE 12"
(SEE GENERAL NOTE *7)

STEEL PLATE BEAM
GUARDRAIL, TYPE A
STA. 10+50 TO STA. 14+92.50

RELOCATE SIGN
(REMOVE "NARROW BRIDGE")
REUSE "NO PARKING")
STA. 15+14.79
OFF. 32.30' LT

TRAFFIC BARRIER TERMINAL
TYPE 1, SPECIAL (FLARED)
STA. 15+30

EXIST. ROW

℄ CONSTRUCTION

147th STREET

BIT SHLD SUPER 8"
AGG SUBGRADE 12"
(SEE GENERAL NOTE *7)

30' R

12+13.01

13+60.64

14+00

15+00

PAV'T RECON. ENDS
147TH STREET
STA. 14+24.71

PROJECT ENDS
147TH STREET
STA. 15+75.79

30' R

15' R

32' R

10' R

STEEL PLATE BEAM GUARDRAIL, TYPE A
STA. 10+50 TO STA. 11+78.41

TRAFFIC BARRIER
TERMINAL TYPE 2
STA. 11+78.41
29.95' RT

BIT SHLD SUPER 8"
AGG SUBGRADE 12"
(SEE GENERAL NOTE *7)

PAVEMENT SLOPES SHALL BE ADJUSTED TO MATCH THE EXISTING PAVEMENT WITHIN 25' OF THE RECONSTRUCTION LIMITS OR AS DIRECTED BY THE ENGINEER.

BIT. CONC. SURFACE COURSE, SUPERPAVE, MIX "C", N50, 2"
BIT. BASE COURSE, SUPERPAVE, 6"

BIT. CONC. SURFACE COURSE, SUPERPAVE, MIX "C", N50, 2"
BIT. BASE COURSE, SUPERPAVE, 8"

BIT. CONC. SURFACE COURSE, SUPERPAVE, MIX "C", N50, 2"
BIT. BASE COURSE, SUPERPAVE, 6"

RELOCATE SIGN
STA. 13+27.50
OFF 28' RT

GRAPHIC SCALE
METERS
8 0 8 16 24 32 40
20 0 20 40 60 80 100
FEET

PLAN
SURVEYED
DRAWN
ALIGNMENT CHECKED
NOTE BOOK
PVT. OF MAY CHECKED
NO.
CADD FILE NAME

PROFILE
SURVEYED
DRAWN
GRADES CHECKED
NOTE BOOK
ELEVATIONS CHECKED
NO.
STRUCTURE NOTATIONS CHKD

DATE
BY

H: \IDOTBRIDGE\124062\DESIGN\DGNCIVIL\V8\11PPSHT3.DGN
9/20/2006

MATCH LINE STA. 10+50 SEE SHEET 10

E = 1.44'
K = 106
350.00' V.C.

LOW POINT STA 10+98.21
ELEVATION 662.00

VPI STA. 12+20.00
ELEVATION 661.25

PROPOSED PROFILE GRADE LINE

-0.50%

+2.79%

VPT STA 13+95.00
ELEVATION 666.13

PROJECT LIMIT STA 14+24.71
ELEVATION 666.89

EXISTING PROFILE GRADE LINE

680 675 670 665 660 655 650 645 640

658.65 662.07 | 658.82 662.01 | 658.99 662.00 | 659.36 662.02 | 659.74 662.08 | 660.11 662.18 | 660.49 662.31 | 660.87 662.48 | 661.40 662.69 | 661.94 662.94 | 662.48 665.23 | 663.03 663.55 | 663.57 663.91 | 664.10 664.31 | 664.63 664.74 | 665.17 665.22 | 665.70 665.73 | 666.23 666.27 | 666.77 | 667.30 | 667.83 | 668.36 | 668.90

10+50 11+00 11+50 12+00 12+50 13+00 13+50 14+00 14+50 15+00

669.36 669.80 670.17 670.38 670.57 670.51 670.45

15+50 16+00

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
147th STREET OVER BOCA RIO DITCH
F.A.U. 1602, SECTION 74 B-1
COOK COUNTY
PLAN AND PROFILE
STA. 10+50 TO STA. 15+75.79

SCALE: VERT. 1" = 5'
HORIZ. 1" = 20'
DATE: SEPTEMBER 2006

DRAWN BY: TC
CHECKED BY: KMA

9-25-06