F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3887	96-00159-00-CH	KANE	70	23
STA. 103+00		TO STA.104+84.30		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO.: 83943

NOTES:

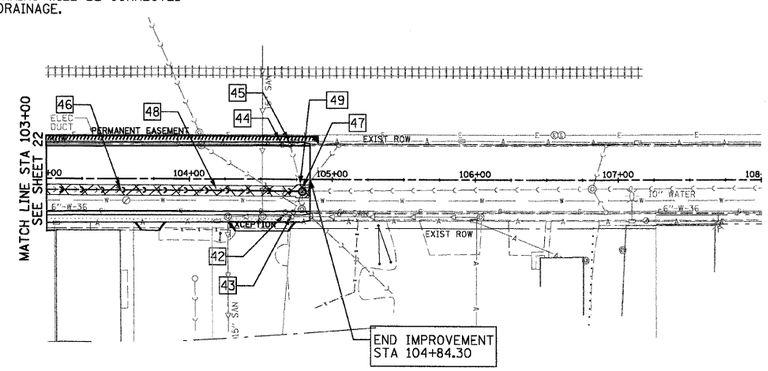
1. RIM ELEVATIONS EQUAL FLOWLINE ELEVATIONS.
2. STRUCTURES THAT WILL BE IMPACTED BY THE PROPOSED IMPROVEMENTS WILL BE RELOCATED OR ADJUSTED BY THEIR RESPECTIVE UTILITIES.
3. PIPE UNDERDRAINS 4" WILL BE INSTALLED AT LOW POINTS WHERE POROUS GRANULAR EMBANKMENT SUBGRADE WILL BE INSTALLED. THE UNDERDRAINS WILL BE CONNECTED TO NEAREST DRAINAGE STRUCTURE TO CREATE POSITIVE DRAINAGE.

CLASS D PATCHES

GRAPHIC SCALE

METERS: 20 0 20 40 60 80 100

FEET: 50 0 50 100 150 200 250



42 STA 104+67.31 22.80' RT
EXIST CB TO BE ADJUSTED
WITH NEW TYPE 24 F&G
RIM = 746.73
EXIST INV = 742.92 N 10"

43 STA 104+72.82 22.93' RT
EXIST CB TO BE ADJUSTED
WITH NEW TYPE 24 F&G
RIM = 746.74
EXIST INV = 742.29 NW 10"
EXIST INV = 742.91 S 10"

44 STA 104+65.05 24.30' LT
EXIST CB TO BE ADJUSTED
WITH NEW TYPE 24 F&G
RIM = 746.85
EXIST INV = 743.68 N 10"

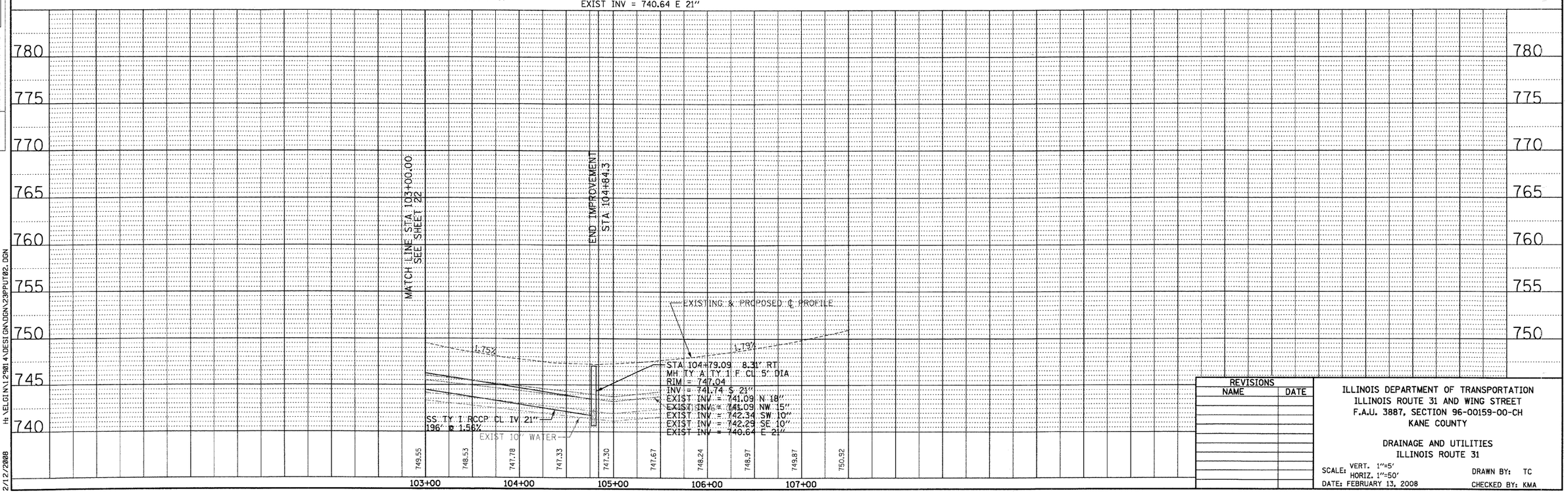
45 STA 104+70.59 24.32' LT
EXIST CB TO BE ADJUSTED
WITH NEW TYPE 24 F&G
RIM = 747.84
EXIST INV = 743.72 E 10"
EXIST INV = 743.64 S 10"

46 SS TY I RCCP CL IV 21"
196' @ 1.56%

47 STA 104+79.09 8.31' RT
MH TY A TY 1 F CL 5' DIA
RIM = 747.04
INV = 741.74 S 21"
EXIST INV = 741.09 N 18"
EXIST INV = 741.09 NW 15"
EXIST INV = 742.34 SW 10"
EXIST INV = 742.29 SE 10"
EXIST INV = 740.64 E 21"

48 REMOVE EXIST SS, 18", 196'

49 STA 104+79.09 8.31' RT
REMOVING MANHOLES



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 31 AND WING STREET
F.A.U. 3887, SECTION 96-00159-00-CH
KANE COUNTY

DRAINAGE AND UTILITIES
ILLINOIS ROUTE 31

SCALE: VERT. 1"=5' HORIZ. 1"=50'
DATE: FEBRUARY 13, 2008
DRAWN BY: TC
CHECKED BY: KMA

PLAN
NOTE BOOK NO.
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
BY
DATE

PROFILE
NOTE BOOK NO.
SURVEYED
PLOTTED
GRADES CHECKED
B.M. NOTED
STRUCTURE NOTATIONS CHKD
BY
DATE

2/12/2008 H:\ELGIN\12901.4\DESIGN\DGN\23PLT02.DGN