CONTRACT NO. 98823

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	***	304	53
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* FAU 9481, FAS 2887 (IL 37)
** (12,12X),RS-3;12B-1,12B1-1
*** FRANKLIN AND WILLIAMSON

℄ PROPOSED STRUCTURE SN 028-0078
STA 373+50.00
160'-6" BK TO BK ABUTMENTS
40'-0" CLEAR WIDTH
43'-2" OUT TO OUT
SEE STRUCTURE PLANS AND TRAFFIC STAGING SHEETS

℄ EXISTING STRUCTURE NO. 028-0035
STA 373+50.00
131'-10" BK TO BK ABUTMENTS
28'-0" CLEAR WIDTH
34'-0" OUT TO OUT

NON-WETLAND SITE (9)

WETLAND SITE (8)

TREE REMOVAL, ACRES

WETLAND SITE (10)

LT. STA. 376+75
PIPE CULVERT REMOVAL
PRECAST CONC BOX CULVERT 5'X3'
BOX CULVERT END SECTION NO. 1

LT. STA. 378+72
PIPE CULVERT REMOVAL
PRECAST CONC BOX CULVERT 5'X3'

LT. STA. 379+23
PIPE CULVERT REMOVAL
PRECAST CONC BOX CULVERT 5'X3'
BOX CULVERT END SECTION NO. 2

42.8' LT. STA. 378+99
FRAME AND LIDS, TYPE 1 (SET ON BOX)
TOP OF GRATE ELEV. = 395.06
INVERT ELEV. = 390.64

LT. STA. 380+88
PIPE CULVERT REMOVAL
PRECAST CONC BOX CULVERT 5'X3'
BOX CULVERT END SECTION NO. 3

41' LT. STA. 381+33
FLUSH INLET BOX FOR MEDIAN
STD 542546, SPECIAL
TOP OF GRATE ELEV. = 396.00
INVERT ELEV. = 391.34
SEE DETAIL

LT. STA. 381+76
PIPE CULVERT REMOVAL
PRECAST CONC BOX CULVERT 5'X3'

LT. STA. 383+26
PIPE CULVERT REMOVAL
PRECAST CONC BOX CULVERT 5'X3'
BOX CULVERT END SECTION NO. 4

LT. STA. 384+88.7
PIPE CULVERT REMOVAL
PRECAST CONC BOX CULVERT 5'X3'
BOX CULVERT END SECTION NO. 5

LT. STA. 386+61.3
PIPE CULVERT REMOVAL
PRECAST CONC BOX CULVERT 5'X3'
BOX CULVERT END SECTION NO. 6

SEE ENTRANCE DETAIL

PROP. R.O.W. LINE

TEMP EASE

PERM EASE

EXIST. POND CREEK

EXIST. ILL 37

BRIDGE APPROACH SLAB

BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)
(SEE BUTT JOINT DETAILS AT PROPOSED BRIDGE AND STANDARD 420401)

43.2' LT. STA. 377+81
FLUSH INLET BOX FOR MEDIAN
STD 542546, SPECIAL
TOP OF GRATE ELEV. = 395.16
INVERT ELEV. = 390.50
SEE DETAIL

RT. STA. 377+39
PIPE CULVERT REMOVAL
PIPE CULVERTS, TY 1 RCCP 15"
PRC FLARED END SECTIONS 15"

40' LT. STA. 382+50
FLUSH INLET BOX FOR MEDIAN
STD 542546, SPECIAL
TOP OF GRATE ELEV. = 395.36
INVERT ELEV. = 391.69
SEE DETAIL

EXIST. CURVE 5 (IL 37)
PI STA. = 379+00.70
Δ = 15° 55' 09" (RT)
D = 2° 00' 48"
R = 2,845.96'
T = 397.93'
L = 790.73'
E = 27.68'
S.E. = 0.0375 FT/FT
* BRIDGE S.E. TRANSITION STA. 374+30.25 TO STA. 375+80.25
P.C. STA. = 375+02.77 = S.E. AT 0.02 FT/FT
P.T. STA. = 382+93.50
SOUTH P.T. = S.E. TRANSITION, MATCH THE EXISTING
* NORMAL CROWN AT BACK OF SOUTH ABUTMENT STA. 374+30.25

EQUATION: STATION: PT Sta 382+93.50 BK = Sta 382+98.60 AH

℄ LOGAN STREET (IL 37)

RT. STA. 386+04
PIPE CULVERT REMOVAL
PIPE CULVERTS, CL D, TY 1 15"
END SECTIONS 15"

STA. 374+20 TO STA. 374+50± EXIST. 100KV OVERHEAD POWER LINE CROSSING IL 37.

SEE STAGING SHEETS FOR A NOTE ON THE TERMINALS AND SHOULDERS

N

50' 0 25' 50'

BM 214 - SAWED "□" ON NE WINGWALL TOP
STRUCTURE #028-0035, 19' LT. STA. 373+50,
ELEV. 399.07

300.00' V.C.

BK NORTH ABUT STA 372+69.75 ELEVATION 398.54

VPI STA. 373+50.00 ELEVATION 399.26

BK SOUTH ABUT STA 374+30.25 ELEVATION 398.67

+0.75% -0.60%

50 YR NAT HWE 392.2

EXIST & PROP LOW BEAM ELEVATION 394.90

HOT-MIX ASPHALT SURFACE REMOVAL VAR. DEPTH +40

35'-0" CHANNEL BOTTOM

PROPOSED STREAMBED ELEVATION 381.50

PROP. SN 028-0078

LEGEND
CHANNEL EXCAVATION

PROPOSED LEFT DITCH

+81 TOP OF GRATE EL 395.16

+99 TOP OF GRATE EL 395.06

+50 TOP OF GRATE EL 395.36

+33 TOP OF GRATE EL 396.00

SEE CROSS SECTIONS FOR GRADING TO INLET

+81 INVERT EL 390.50

+99 INVERT EL 390.64

+33 INVERT EL 391.34

+50 INVERT EL 391.69

+35.00 EL. 390.32
+39.00 EL. 393.49
+00.00 EL. 393.10
+00.00 EL. 393.92
+30.00 EL. 393.30
+00.00 EL. 393.35
+80 EL. 393.94
+10 EL. 394.10
+00.00 EL. 393.62
+00.00 EL. 393.00
+00 EL. 393.65
+04 EL. 393.66
+92 EL. 396.64

+0.12% +0.02% +0.36% +0.34% +0.30% -0.30% -0.30% +0.30% +0.30% +3.61%

PROPOSED RIGHT DITCH (PLOTTED 10' LOWER FOR CLARITY)

℄ EXISTING PROFILE IL 37

STATION EQUATION: PT STA. 382+93.50 BK = STA. 382+98.60 AH

| | | |