CONTRACT NO. 83827

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3570	00-00116-00-BR	DUPAGE	106	12
STA. 5+22.84	TO STA. 10+00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PLAN — SURVEYED / PLOTTED / ALIGNMENT CHECKED / ELEVATIONS CHECKED / CADD FILE NAME / NOTE BOOK / NO. / BY / DATE

PROFILE — SURVEYED / PLOTTED / GRADES CHECKED / ELEVATIONS CHECKED / CADD FILE NAME / NOTE BOOK / NO. / BY / DATE

W:\068-030 & 068-032 Jefferson Revisions 09\CADD
7/15/2009 11:21:29 AM

WIL-O-WAY COMMONS PARK

EXISTING TYPE B-6.12 COMBINATION CURB & GUTTER

PROP. TYPE B6.12 COMBINATION CURB & GUTTER

STA. 4+67.49 50' LT

POT Sta 5+22.84

STA. 5+72.89 BEGIN PROP. PCC SIDEWALK

STA. 6+10.26 33.92'LT

PC Sta 6+14.41

STA. 6+56.81 END PROP. PCC SIDEWALK

SEE SHEET S30

SEE SHEET S29 FOR JOINT DETAILS (TYP.)

EDGE OF WATER

WEST BRANCH DUPAGE RIVER

EDGE OF WATER

CONNECT TO EXISTING FORCE MAIN

STA. 8+68.10 BEGIN PROP. PCC SIDEWALK

OFF-BRIDGE PEDESTRIAN SCREEN (TYP.) SEE SHEET S30.

STA. 8+95.57 31.30'LT

8+96, 60' LT 2-45° BENDS

STA. 9+32.67 71' LT

PROP. PCC SIDEWALK, 8" UNDER DRIVEWAY (TYP.)

STA. 9+20.84 20.3'

PROP. PCC DRIVEWAY PAVEMENT, 8" (TYP.)

STA. 9+38.95 35.87' LT

STA. 9+55.76 19.8'

EXISTING R.O.W.

10' PROPOSED TEMPORARY EASEMENT

R=200' (TYP.)

STA. 6+88.04 TO 8+41.09 BRIDGE OMISSION SEE STRUCTURAL PLANS FOR DETAILS

BRIDGE APPROACH PAVEMENT (SPECIAL), TYP. SEE SHEET S30

WBB

ADJ

TAPER 15.86:1

EXISTING ℄ JEFFERSON AVE.

C&G B6.12 (TYP.)

PROPOSED ℄ JEFFERSON AVE.

TAPER ✱✱

R=10' (TYP.)

10+00

PROP. TYPE B6.12 COMBINATION CURB & GUTTER

5+00

PROJECT BEGINS STA. 5+43.04

PRECAST CONCRETE JUNCTION CHAMBER, SEE SHEET S31

TAPER 15.86:1

FILL STREAMBED VOID TO ELEV. 668.3 WITH ROCK FILL. SEE STRUCTURAL PLANS.

STA. 8+97.10 27.37'RT

EXISTING R.O.W.

PROPOSED PERMANENT EASEMENT

STA. 7+62.10 40.00' RT

LIMIT OF STONE RIPRAP CLASS A6 (TYP.) SEE STRUCTURAL PLANS

PROP. STONE RIPRAP CLASS A4 23 SY

PROPOSED TEMPORARY EASEMENT

EDGE OF WATER

EXISTING R.O.W.

STA. 9+44.29 30.46'RT

CONNECT TO EXISTING FORCE MAIN

STA. 9+15.67 29.64'RT

STA. 9+10.82 33.00'RT

STA. 9+08.62 28.90'RT

MATCH LINE STA. 10+00 (SEE SHEET 13)

✱✱ FOR TAPER SEE SHEET 26 OF 106

EXISTING 78" Ø STORM SEWER TO REMAIN

STA. 5+21.68 40' RT

STA. 5+12.21 65' RT

MONUMENT TO BE RELOCATED DURING CONSTRUCTION. SEE SHEETS SD1.0 TO L1.0

STA. 5+61.67 BEGIN PROP. PCC SIDEWALK

STA. 5+93.49 37.40' RT

STA. 6+02.33 40.01' RT

STA. 6+12.23 65' RT

STA. 6+12.10 101.84' RT

STORM SEWER, CLASS A, TYPE 1 78" Ø, 32 FEET

CAST-IN-PLACE REINFORCED CONCRETE END SECTION 78", INV. EL. 668.67 SEE SHEET S32

STA 6+59.74 END PROP. PCC SIDEWALK

EDGE OF WATER

STA. 6+84.76 101.21' RT

STA. 7+58.57 58.00' RT

PROPOSED PERMANENT EASEMENT

STA. 7+61.40 80' RT

STA. 7+63.83 98.37' RT

PROPOSED RIVERWALK IMPROVEMENTS SEE SHEETS L1-L5

STA. 8+74.63 BEGIN PROP. PCC SIDEWALK

RIVERWALK

STA. 9+10.14 40' RT

STA. 9+06.22 80' RT

BEGIN 5.0% LONGITUDINAL SIDEWALK SLOPE (LT & RT) STATION 9+96.06

✱ REMOVE EXISTING GRATING AND REINSTALL ON PROPOSED 78" Ø PIPE CULVERT. SEE SHEET S32.

(P1) S.S., CLASS A, TYPE 2 24" 40' TO EAST T.B.F. 47.3 CY

(P2) S.S., CLASS A, TYPE 2 24" 145' TO NORTHEAST T.B.F. 403.3 CY

(1) STA. 8+32, 32.5' RT PRECAST REINFORCED CONCRETE FLARED END SECTION, 24" INV. EL. 670.00

(2) STA. 8+78, 35.8' RT 5' DIAMETER MANHOLE TYPE 1 FRAME, CLOSED LID RIM EL. 686.10 INV. EL. 671.70 (E) INV. EL. 671.60 (W)

690 / 685 / 680 / 675 / 670 / 665 / 660

SAG LOCATION STA. 4+65.41 ELEV. 677.05

360.00' V.C. K = 67

677.29

+33.41 EL. 679.17

STA. 6+58.13 BEGIN BRIDGE APPROACH PAVEMENT

STA. 6+87.2 BACK OF ABUTMENT

+12.15 EL. 681.17

℄ PIER 1

STA. 7+31.05

STA. 7+95.89 ℄ PIER 2

℄ JEFFERSON AVE. PROPOSED PROFILE

W21 ROLLED BEAMS

Design H.W. Elev. 677.22 (30 yr.)

N.W.L. ±669.5

Stream Bed Elev. ±668.3

LOW CHORD ELEV. 677.75

300.00' V.C. K = 115

+2.53%

STA. 8+41.93 BACK OF ABUTMENT

VPI STA. 8+60.15 ELEVATION 684.96

STA. 8+71.05 END OF BRIDGE APPROACH PAVEMENT

EXIST. MANHOLE RIM=687.48

+5.14%

20"-8" PVC SDR -21 @ 4.17%

EXISTING SANITARY

EXISTING 3" FORCEMAIN

145'-24" S.S. RCP @ 4.0%

35'-24" S.S. RCP @ 4.0%

INV.=677.36

INV.=677.16

INV.=676.52

INV.=675.37

INV.=671.70

INV.=671.60

INV.=670.00

632.36

10+00

EXISTING S.S. 78"

32'-78" S.S. RCP @ 0.34%

INV.=668.78

INV.=668.67

STA. 4+93.94 PROJECT BEGINS

℄ JEFFERSON AVE. EXISTING PROFILE

ROCK FILL SEE STRUCTURAL PLANS

	5+00		6+00		7+00		8+00		9+00
EXISTING	677.10	677.14	678.26	678.41	680.29	680.86	683.45	683.72	687.38	687.45
PROPOSED									

REVISIONS	
NAME	DATE
PER DEC & CLIENT	9/13/05
PER IDOT	11/1/05

ILLINOIS DEPARTMENT OF TRANSPORTATION

PROPOSED PLAN AND PROFILE

JEFFERSON AVENUE OVER WEST BRANCH DUPAGE RIVER

SCALE: HORIZ 1"=20' VERT 1"=5'

DRAWN BY GM

DATE APRIL 6, 2009

CHECKED BY HRT