F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7814	05-00186-01-PV	ADAMS	78	27
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SAN1 — STA 200+70.0 45.0' RT
MH, SANITARY, 4'-Ø, TY 1 FR, CLSD LID
TOP LID = 657.40
INV ELEV = 644.20

SAN2 — SANITARY SEWER, TYPE 3 8", 80.0'
USFL = 645.00 DSFL = 644.20
SLOPE = 1.00%
TRENCH BACKFILL = 105.1 CU YD

SAN3 — STA 200+65.0 35.0' LT
MH, SANITARY, 4'-Ø, TY 1 FR, CLSD LID
TOP LID = 657.60
INV ELEV = 645.00

W3 — STA 2264+44.0 71.0' RT
8" 45 DEGREE ELBOW
WITH THRUST BLOCKS

W4 — 8" PVC WATERMAIN, 16.0'

W5 — STA 200+82.0 35.0' LT
8" 45 DEGREE ELBOW
WITH THRUST BLOCKS

W6 — 8" PVC WATERMAIN, 10.0'

W7 — STA 200+92.0
FIRE HYDRANT (SPECIAL) -
8"x8"x6" TEE, 6" VALVE, & 6" LEAD ASSEMBLY
WITH THRUST BLOCKS
TRENCH BACKFILL = 6.0 CU YD

W8 — 8" PVC WATERMAIN, 10.0'

W9 — STA 201+02.0 35.0' LT
8" CAP & 2" BLOWOFF VALVE
WITH THRUST BLOCKS

(2) — STA 2263+33.2 49.0' RT
INLETS, SPECIAL, TYPE E
TOP CURB = 657.21
INV ELEV = 652.00

(D) — STORM SEWERS, CLASS A, TYPE 1 24", 61'
USFL = 652.80 DSFL = 652.00
SLOPE = 1.31%
TRENCH BACKFILL = 12.5 CU YD

(5) — STA 201+12.0 25.2' RT
INLETS, SPECIAL, TYPE E
TOP CURB = 657.65
INV ELEV = 652.80

(D1) — STORM SEWERS, CLASS A, TYPE 1 12", 50'
USFL = 653.44 DSFL = 652.89
SLOPE = 1.11%
TRENCH BACKFILL = 8.3 CU YD

(5A) — STA 201+12.0 22.6' LT
INLETS, SPECIAL, TYPE E
TOP CURB = 657.69
INV ELEV = 653.44

(D2) — STORM SEWERS, CLASS A, TYPE 1 12", 5'
USFL = 655.34 DSFL = 655.00
SLOPE = 6.8%
TRENCH BACKFILL = 0.8 CU YD

(5B) — STA 201+12.0 32.1' LT
PRECAST REINF CONC FLARED END
SECTION 12" (STD 542301)
ELEV = 655.34

(E) — STORM SEWERS, CLASS A, TYPE 1 24", 203'
USFL = 655.50 DSFL = 652.80
SLOPE = 1.33%
TRENCH BACKFILL = 9.6 CU YD

(6) — STA 203+25.0 22.6' RT
INLETS, SPECIAL, TYPE E
TOP CURB = 660.19
INV ELEV = 655.50

(F) — STORM SEWERS, CLASS A, TYPE 1 24", 76'
USFL = 657.00 DSFL = 655.50
SLOPE = 1.97%
TRENCH BACKFILL = 26.0 CU YD

(7) — STA 10+47.0 15.2' LT
INLETS, SPECIAL, TYPE E
TOP CURB = 661.72
INV ELEV = 657.00

(G) — STORM SEWERS, CLASS A, TYPE 2 12", 32'
USFL = 657.50 DSFL = 657.00
SLOPE = 1.56%
TRENCH BACKFILL = 4.8 CU YD

(8) — STA 10+47.0 15.2' RT
INLETS, SPECIAL, TYPE E
TOP CURB = 661.72
INV ELEV = 657.50

POT STA 2263+73.98 (FAU 7830) =
PI STA 100+00.00 (FAU 7814) BK =
PI STA 200+00.00 (FAU 7814) AH

POC STA 203+75.00 (FAU 7814) =
POT STA 10+00 (37TH STREET)

HARRISON CURVE #1 DATA
PI STA = 205+34.20
Δ = 53°55'06" RT
D = 8°11'06"
R = 700.00'
T = 356.04'
L = 658.74'
E = 85.34'
SE= RC (2.0%)
PC STA = 201+78.16
PRC STA = 208+36.89
SE ATTAINED STA 201+42 TO STA 201+96
SE REMOVED STA 207+83 TO STA 208+37

GRAPHIC SCALE 40 0 40 (IN FEET)

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

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

VPI STA 200+00.00
ELEV = 656.48
NO CURVE

VPI STA 200+68.00
ELEV = 657.50
L = 100.00'
E = 0.13'

VPC STA 200+18.00
ELEV = 656.75

VPT STA 201+18.00
ELEV = 657.72

VPC STA 201+50.00
ELEV = 657.90

VPI STA 202+50.00
ELEV = 658.50
L = 180.00'
E = 0.46'

VPC STA 203+40.00
ELEV = 660.55

VPT STA 203+40.00
ELEV = 660.55

VPT STA 204+40.00
ELEV = 661.72

PROPOSED PROFILE GRADE

EX GROUND PROFILE ALONG ℄

TOP LID = 657.69
TOP LID = 657.65
TOP LID = 657.60
TOP CURB = 657.21
TOP LID = 657.40
TOP CURB = 660.19
TOP CURB = 661.72

+1.50%
+0.44%
+2.50%

TRENCH BACKFILL

INV ELEV = 653.44
INV ELEV = 652.80
INV ELEV = 652.00
INV ELEV = 655.50
INV ELEV = 657.00
INV ELEV = 657.50
INV ELEV = 645.00
INV ELEV = 644.20

SAN1
SAN3
SAN2

EX ELEV / PR ELEV	200+00	200+50	201+00	201+50	202+00	202+50	203+00	203+50	204+00	204+50
660										
658										
656										
654										
652										
650										
648										
646										
644										
EX ELEV	656.48	655.89	656.50	656.92	656.87	656.92	657.39	657.65	657.90	658.12
PR ELEV	656.48	656.85	657.18	657.43	657.62	657.75	657.86	657.98	658.17	658.43
EX ELEV	658.39	658.93	659.49	660.18	660.87	661.59	662.46	663.24	663.85	
PR ELEV	658.76	659.17	659.64	660.19	660.80	661.42	662.05	662.67	663.30	

REV - 1/10/06, 3/6/06

STORM SEWER & UTILITY ADJUSTMENTS - HARRISON STA 200+00 TO STA 205+00