93413

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7814	05-00186-01-PV	ADAMS	78	28
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

(9) STA 208+40.0 22.6' LT
INLETS, SPECIAL, TYPE E
TOP CURB = 671.06
INV ELEV = 666.30

(H) STORM SEWERS, CLASS A, TYPE 2 12", 131'
USFL = 666.30 DSFL = 664.30
SLOPE = 1.53%
TRENCH BACKFILL = 107.9 CU YD

(10) STA 209+80.0 22.6' LT
INLETS, SPECIAL, TYPE E
TOP CURB = 673.48
INV ELEV = 664.30

(I) STORM SEWERS, CLASS A, TYPE 2 18", 78'
USFL = 664.30 DSFL = 663.50
SLOPE = 1.03%
TRENCH BACKFILL = 76.4 CU YD

(11) STA 50+40.8 17.4' LT
INLETS, SPECIAL, TYPE E
TOP CURB = 674.86
INV ELEV = 663.50

(J) STORM SEWERS, CLASS A, TYPE 2 12", 35'
USFL = 669.40 DSFL = 668.40
SLOPE = 2.86%
TRENCH BACKFILL = 10.3 CU YD

(12) STA 50+45.0 16.0' RT
INLETS, SPECIAL, TYPE E
TOP CURB = 674.83
INV ELEV = 669.40

(K) STORM SEWERS, CLASS A, TYPE 2 24", 157'
USFL = 663.50 DSFL = 661.90
SLOPE = 1.02%
TRENCH BACKFILL = 167.2 CU YD

HARRISON CURVE #2 DATA
PI STA = 211+99.41
Δ = 54°45'28" LT
D = 8°11'06"
R = 700.00'
T = 362.52'
L = 668.99'
E = 88.30'
SE= RC (2.0%)
PRC STA = 208+36.89
PT STA = 215+05.89
SE ATTAINED STA 208+37 TO STA 208+91
SE REMOVED STA 214+88 TO STA 113+56

(W13) 8" PVC WATERMAIN, 110.0'
TRENCH BACKFILL = 39.5 CU YD

(W14) STA 50+36.6 26.2' RT
FIRE HYDRANT (SPECIAL)
8"x8"x6" TEE, 6" VALVE, & 6" LEAD ASSEMBLY
WITH THRUST BLOCKS
TRENCH BACKFILL = 6.0 CU YD

(W15) 8" PVC WATERMAIN, 20.0'

(W16) STA 50+56.5 22.0' RT
8" CAP & 2" BLOWOFF VALVE
WITH THRUST BLOCKS

END IMPROVEMENT
POT STA 50+51.92

POC STA 210+85.00 (FAU 7814) =
POT STA 50+00.00 (OLD HARRISON / 38th ST)

MATCH LINE STA 214+00

℄ FAU 7814 (HARRISON ST)

℄ EX HARRISON

PR ROW

TCE

FIELD

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

(21) STA 212+65.0 57.3' RT
PRECAST REINF CONC FLARED END
SECTION 30" (STD 542306)
ELEV = 672.00

(Q) STORM SEWERS, CLASS A, TYPE 2 30", 274'
USFL = 673.80 DSFL = 672.00
SLOPE = 0.66%
TRENCH BACKFILL = 122.3 CU YD

GRAPHIC SCALE (IN FEET) 40 0 40

PROPOSED PROFILE GRADE

EX GROUND PROFILE ALONG ℄

TOP CURB = 671.08

TOP CURB = 673.48

TOP CURB = 674.86

TOP CURB = 674.83

+1.71%

TRENCH BACKFILL

TRENCH BACKFILL

+33

INV ELEV = 666.30

INV ELEV = 664.30

INV ELEV = 663.50

INV ELEV = 669.40

INV ELEV = 668.40

RT +5.77%

SEE SHEET 36 FOR
DITCH LINING

RT 212+65.0 57.3' RT
ELEV = 672.00

RT 211+26.4 125.8' RT
ELEV = 662.15

	208+00	208+50	209+00	209+50	210+00	210+50	211+00	211+50	212+00	212+50	213+00	213+50	214+00
EX ELEV	672.42	672.50	672.65	672.69	672.79	673.00	673.12	673.22	673.26	673.38	673.74	674.26	674.73	675.14	675.60	676.11	676.84	677.64	678.45	679.14	679.88	680.56	679.62	678.58	680.29
PR ELEV	670.40	670.82	671.25	671.68	672.11	672.54	672.97	673.39	673.82	674.25	674.68	675.11	675.53	675.96	676.39	676.82	677.25	677.68	678.10	678.53	678.96	679.39	679.82	680.24	680.67

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

BY	DATE

PROFILE	
SURVEYED	
PLOTTED	
GRADES CHECKED	
BRIDGE CHECKED	
NOTE BOOK	STRUCTURE NO.
NO.	

BY	DATE

3/6/2006

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REV - 1/10/06

STORM SEWER & UTILITY ADJUSTMENTS - HARRISON STA 208+00 TO STA 214+00