

NUMBER	BY	DATE

0 1 2
 THIS BAR IS EQUAL TO 2"
 AT FULL SCALE (34X22).
 PLOT 1

GENERAL WAYNE A. DOWNING
 PEORIA INTERNATIONAL AIRPORT
CONSTRUCT NEW PERIMETER ROAD AND PERIMETER FENCE - PROJECT 3

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L PROJECT: PIA-3865
AP PROJ 3-17-0080-XX

FILE:
 DESIGN BY: T.JH/SMS
 DRAWN BY: CMT
 CHECKED BY: CET
 APPROVED BY: CET
 DATE: 02-13-2009
 JOB No: 07061-04-00

DRAINAGE SCHEDULES
 SHEET 44 OF 151 SHEETS

LINE	UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE	SIZE & TYPE	UPSTREAM INVERT	DOWNSTREAM INVERT	LENGTH (FT)	SLOPE
1	FES-1	FES-2	12" RCP	634.35	633.62	79.0	0.92%
2	FES-3	FES-4	12" RCP	635.50	634.24	78.6	1.60%
3	FES-5	FES-6	12" RCP	635.54	635.10	57.9	0.76%
4	FES-7	FES-8	15" RCP	633.92	631.92	84.1	2.38%
5	FES-9	FES-10	12" RCP	638.02	637.30	100.0	0.72%
6	FES-11	FES-12	12" RCP	636.52	634.95	100.0	1.57%
7	IN-1	IN-2	36" RCP	613.99	611.91	210.0	0.99%
8	IN-2A	IN-2	15" RCP	612.73	612.50	23.0	1.00%
9	IN-3	IN-4	36" RCP	611.15	608.05	206.8	1.50%
10	MH-2	MH-2A	42" RCP	617.25	615.75	50.0	3.00%
11	IN-5	MH-3	36" RCP	617.50	616.73	15.5	4.97%
12	MH-3	MH-3A	48" RCP	616.73	614.81	48.0	4.00%
13	MH-4	MH-4A	42" RCP	616.91	615.35	39.0	4.00%
14	FES-13	FES-14	12" RCP	638.88	638.36	55.2	0.94%

LINE	UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE	SIZE & TYPE	UPSTREAM INVERT	DOWNSTREAM INVERT	LENGTH (FT)	SLOPE
1	FES-1	FES-2	15" RCP	627.90	624.18	53.5	6.95%
2	IN-1	IN-2	18" RCP	624.02	623.80	48.0	0.46%
3	IN-2	FES-3	18" RCP	623.80	623.48	66.0	0.48%
4	FES-4	EIN-1	12" RCP	627.70	627.50	12.0	1.67%
5	IN-3	EFES-1	18" RCP	623.90	623.00	68.2	1.32%
6	FES-5	FES-6	12" RCP	629.03	627.35	100.0	1.68%
7	FES-7	FES-8	12" RCP	633.44	632.39	52.1	2.02%

LINE	UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE	SIZE & TYPE	UPSTREAM INVERT	DOWNSTREAM INVERT	LENGTH (FT)	SLOPE
1	MH-6	MH-5	72" RCP	607.00	605.00	130.0	1.54%
2	MH-5	E-PIPE	72" RCP	605.00	604.00	35.0	2.86%
3	MH-1	FES-9	30" CMP	594.00	583.00	220.0	5.00%
4	OPEN END	OPEN END	96" RCP	595.00	594.00	120.0	0.83%
5	OPEN END	OPEN END	96" RCP	595.00	594.00	120.0	0.83%
6	FES-14	FES-15	36" CMP	637.00	633.50	80.0	4.38%
7	FES-16	FES-17	36" CMP	636.00	632.00	80.0	5.00%
8	FES-18	FES-19	36" CMP	640.00	629.00	80.0	13.75%
9	FES-20	FES-21	12" RCP	642.00	641.00	40.0	2.50%

STRUCTURE	STATION	OFFSET	NORTHING	EASTING	RIM	INVERT	STRUCTURE TYPE	FRAME & LID	NOTES
FES-1	3+75	35.0' RT	1453438.01	2429030.22	635.52	634.35	FLARED END SECTION	---	NEW FLARED END SECTION
FES-2	4+00	40.0' LT	1453371.89	2429073.55	634.79	633.62	FLARED END SECTION	---	NEW FLARED END SECTION
FES-3	7+00	32.9' RT	1453181.75	2428830.32	637.55	635.50	FLARED END SECTION	---	NEW FLARED END SECTION
FES-4	7+00	45.7' LT	1453148.94	2428871.82	635.41	634.24	FLARED END SECTION	---	NEW FLARED END SECTION
FES-5	16+50	28.5' RT	1452433.75	2428244.65	636.71	635.54	FLARED END SECTION	---	NEW FLARED END SECTION
FES-6	16+70.4	25.64' LT	1452384.16	2428274.46	636.03	635.10	FLARED END SECTION	---	NEW FLARED END SECTION
FES-7	21+50	26.0' RT	1452039.95	2427936.55	635.36	633.92	FLARED END SECTION	---	NEW FLARED END SECTION
FES-8	21+75	54.3' LT	1451970.54	2427984.04	633.36	631.92	FLARED END SECTION	---	NEW FLARED END SECTION
FES-9	30+50	26.0' RT	1451341.38	2427376.92	639.19	638.02	FLARED END SECTION	---	NEW FLARED END SECTION
FES-10	31+50	26.0' RT	1451288.70	2427299.97	638.47	637.30	FLARED END SECTION	---	NEW FLARED END SECTION
FES-11	32+50	26.0' LT	1451206.02	2427223.99	637.69	636.52	FLARED END SECTION	---	NEW FLARED END SECTION
FES-12	33+50	26.0' LT	1451195.39	2427118.30	636.12	634.95	FLARED END SECTION	---	NEW FLARED END SECTION
IN-1	39+10.9	65.3' RT	1451543.47	2426695.69	626.80	613.99	TYPE 2 INLET IN-TURF	NEENAH R-3475E	NEW INLET
IN-2	40+29.3	106.1' LT	1451554.40	2426485.96	616.91	611.91	TYPE 2 INLET IN-TURF	NEENAH R-3475E	NEW INLET
IN-2A	40+12	100.0' LT	1451535.91	2426500.04	618.80	612.73	TYPE 2 INLET IN-TURF	NEENAH R-3475E	NEW INLET
IN-3	42+25	65.0' RT	1451785.42	2426611.29	624.31	611.15	TYPE 2 INLET IN-TURF	NEENAH R-3475E	NEW INLET
IN-4	42+03.7	140.6' LT	1451768.57	2426405.14	612.20	608.05	TYPE 2 INLET IN-TURF	NEENAH R-3475E	NEW INLET
MH-2	47+42.95	26.0' RT	1452208.32	2426826.25	626.25	617.25	7' DIA. MANHOLE	NEENAH R-3492-1	NEW MANHOLE
MH-2A	47+55.1	24.0' LT	1452249.87	2426795.73	626.00	615.75	7' DIA. MANHOLE	NEENAH R-3492-1	NEW MANHOLE
IN-5	51+25	36.9' RT	1452531.34	2427048.66	623.50	617.50	TYPE 2 INLET IN-TURF	NEENAH R-3475E	NEW INLET
MH-3	51+12.6	27.1' RT	1452522.19	2427036.22	625.24	616.73	7' DIA. MANHOLE	NEENAH R-3492-1	NEW MANHOLE
MH-3A	51+16	19.0' LT	1452536.83	2426993.35	628.00	614.81	7' DIA. MANHOLE	NEENAH R-3492-1	NEW MANHOLE
MH-4	52+77.5	26.0' RT	1452688.12	2427061.86	625.41	616.91	7' DIA. MANHOLE	NEENAH R-3492-1	NEW MANHOLE
MH-4A	52+77.8	13.0' LT	1452693.91	2427023.29	627.00	615.35	7' DIA. MANHOLE	NEENAH R-3492-1	NEW MANHOLE
FES-13	71+50	22.0' RT	1454188.63	2428125.45	640.05	638.88	FLARED END SECTION	---	NEW FLARED END SECTION
FES-14	71+50	33.2' LT	1454223.74	2428082.85	640.05	638.36	FLARED END SECTION	---	NEW FLARED END SECTION

STRUCTURE	STATION	OFFSET	NORTHING	EASTING	RIM	INVERT	STRUCTURE TYPE	FRAME & LID	NOTES
FES-1	0+65.9	20.0' LT	1459243.90	2424152.61	629.34	627.90	FLARED END SECTION	---	NEW FLARED END SECTION
FES-2	0+70.4	33.3' RT	1459197.91	2424125.45	625.62	624.18	FLARED END SECTION	---	NEW FLARED END SECTION
IN-1	7+25.0	24.0' LT	1458842.62	2424674.00	626.64	624.02	TYPE 2 INLET IN-TURF	NEENAH R-3475E	NEW INLET
IN-2	7+25.0	24.0' RT	1458803.79	2424645.78	626.64	623.80	TYPE 2 INLET IN-TURF	NEENAH R-3475E	NEW INLET
FES-3	6+96.6	83.6' RT	1458772.25	2424587.79	625.18	623.48	FLARED END SECTION	---	NEW FLARED END SECTION
FES-4	20+96.6	24.0' LT	1457979.26	2425711.68	628.88	627.70	FLARED END SECTION	---	NEW FLARED END SECTION
IN-3	36+28.57	24.0' LT	1457128.64	2426954.37	626.90	623.90	TYPE 2 INLET IN-TURF	NEENAH R-3475E	NEW INLET
FES-5	37+75	24.0' LT	1457128.81	2427100.80	630.20	629.03	FLARED END SECTION	---	NEW FLARED END SECTION
FES-6	36+75	24.0' RT	1457128.69	2427000.80	628.52	627.35	FLARED END SECTION	---	NEW FLARED END SECTION
FES-7	41+25	24.0' LT	1456983.76	2427418.56	634.61	633.44	FLARED END SECTION	---	NEW FLARED END SECTION
FES-8	41+25	28.1' RT	1456934.00	2427403.13	633.56	632.39	FLARED END SECTION	---	NEW FLARED END SECTION

STRUCTURE	STATION	OFFSET	NORTHING	EASTING	RIM	INVERT	STRUCTURE TYPE	FRAME & LID	NOTES
MH-1	---	---	1458582.50	2425825.73	622.00	594.00	7' DIA. MANHOLE	NEENAH R-3492-1	NEW MANHOLE
FES-9	---	---	1458488.87	2426029.94	585.50	583.00	FLARED END SECTION	---	NEW FLARED END SECTION W/ RIP RAP
OPEN PIPE END	---	---	1460615.06	2422241.68	603.50	595.00	---	---	END OF PIPE W/ RIP RAP
OPEN PIPE END	---	---	1460568.33	2422203.98	602.50	594.00	---	---	END OF PIPE W/ RIP RAP
OPEN PIPE END	---	---	1460622.82	2422231.92	603.50	595.00	---	---	END OF PIPE W/ RIP RAP
OPEN PIPE END	---	---	1460576.06	2422194.31	602.50	594.00	---	---	END OF PIPE W/ RIP RAP
FES-14	---	---	1461024.21	2421135.79	640.40	637.00	FLARED END SECTION	---	NEW FLARED END SECTION
FES-15	---	---	1460951.55	2421169.41	636.90	633.50	FLARED END SECTION	---	NEW FLARED END SECTION W/ RIP RAP
FES-16	---	---	1460920.66	2420741.66	639.40	636.00	FLARED END SECTION	---	NEW FLARED END SECTION
FES-17	---	---	1460840.86	2420747.15	635.40	632.00	FLARED END SECTION	---	NEW FLARED END SECTION W/ RIP RAP
FES-18	---	---	1460673.99	2420495.79	643.40	640.00	FLARED END SECTION	---	NEW FLARED END SECTION
FES-19	---	---	1460630.36	2420562.83	632.40	629.00	FLARED END SECTION	---	NEW FLARED END SECTION W/ RIP RAP
MH-5	---	---	1452541.86	2430794.66	617.00	605.00	9' DIA. MANHOLE	NEENAH R-3492-1	NEW MANHOLE
MH-6	---	---	1452648.15	2430853.90	619.00	607.00	9' DIA. MANHOLE	NEENAH R-3492-1	NEW MANHOLE
FES-20	---	---	1459494.51	2432457.51	643.00	642.00	FLARED END SECTION	---	NEW FLARED END SECTION
FES-21	---	---	1459532.66	2432487.21	642.00	641.00	FLARED END SECTION	---	NEW FLARED END SECTION
IN-1	---	---	1457206.23	2429630.63	647.00	640.00	TYPE B CURB INLET	NEENAH R-3278-A	REMOVE & REPLACE EXISTING W/NEW INLET

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