

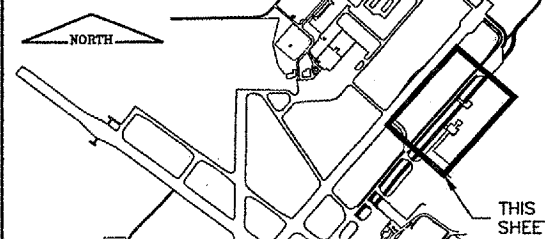
UNDERDRAIN STRUCTURE SCHEDULE

Structure	Alignment	Station	Offset	Northing	Easting	Rim	Invert 1	Type
CO-4	Taxiway A	1174+10.9	-38.5	1158938.89	2435706.01	584.67	582.67	1
CO-5	Taxiway A	1173+18.7	38.5	1158818.79	2435702.97	584.98	582.98	1
CO-6	Taxiway A	1182+28.9	-38.5	1159553.37	2436245.95	588.2	586.2	1
CO-7	Taxiway A	1182+23.5	38.5	1159498.48	2436300.22	587.87	585.87	1
CS-3	Taxiway A	1177+09.0	-39.5	1159162.75	2435902.72	584	582	
CS-4	Taxiway A	1177+10.9	39.5	1159114.04	2435961.08	583.97	581.97	
CS-5	Taxiway A	1183+99.2	-39.5	1159681.24	2436358.31	589.23	587.23	

UNDERDRAIN PIPE SCHEDULE

Line	Structure	Structure	Upstream	Downstream	Length	Slope	Pipe
UD-7	CO-4	CS-3	582.67	582	298	0.22%	Perforated
UD-8	CS-3	EIN-8	582	578.3	186	1.99%	Non
UD-9	CO-5	CS-4	582.98	581.97	392	0.26%	Perforated
UD-10	CS-4	IN-6	581.97	578.5	83	4.18%	Non
UD-11	CO-6	CS-3	586.2	582	520	0.81%	Perforated
UD-12	CO-7	CS-4	585.87	581.97	512	0.76%	Perforated
UD-13	CO-8	CO-7	588.75	585.87	523	0.55%	Perforated
UD-14	CS-5	EIN-10	587.23	584.94	109	2.10%	Perforated
UD-15	CO-9	CS-5	590.34	587.23	650	0.48%	Perforated

KEYMAP



CA002

K:\Springfield\0503507\Draw\Sheets
 FILE: 38_DRAIN02.dwg
 UPDATE BY: Dove Allen
 PLOT DATE: 2/6/2006 4:36 PM
 BASE_PROPGEO
 KEY
 BASE_EXISTSTOPO
 tbinfo
 BASE_PROPDRAIN

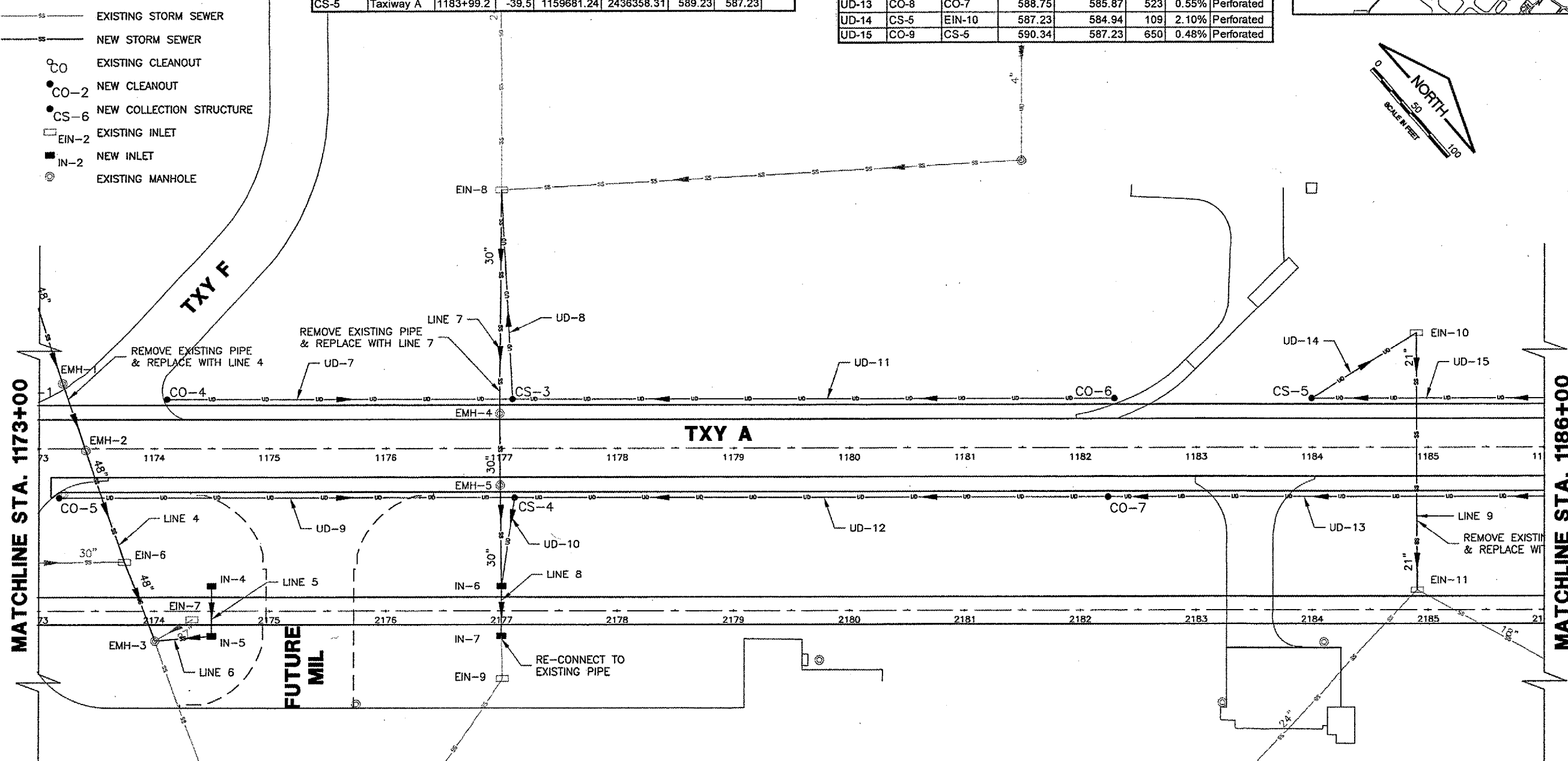
REVISIONS

NUMBER	BY	DATE

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

LEGEND

- EXISTING UNDERDRAIN
- NEW UNDERDRAIN
- EXISTING STORM SEWER
- NEW STORM SEWER
- ⊙ EXISTING CLEANOUT
- CO-2 NEW CLEANOUT
- CS-6 NEW COLLECTION STRUCTURE
- EIN-2 EXISTING INLET
- IN-2 NEW INLET
- ⊙ EXISTING MANHOLE



STORM SEWER PIPE SCHEDULE

Line	Upstream Structure	Downstream Structure	Size	Upstream Invert	Downstream Invert	Pipe Length	Slope
4	EIN-5	EMH-3	48"	572.00	570.95	369	0.28%
5	IN-4	IN-5	12"	576.63	576.41	44	0.50%
6	IN-5	EMH-3	12"	576.41	573.24	49	6.47%
7	EIN-8	IN-6	30"	571.54	570.87	344	0.19%
8	IN-6	IN-7	30"	570.87	570.79	44	0.18%
9	EIN-10	EIN-11	21"	584.33	582.40	224	0.86%

STORM SEWER STRUCTURE SCHEDULE

Structure	Alignment	Station	Offset	Northing	Easting	Rim	Invert 1	Invert 2	Upstream Pipe Run	Downstream Pipe Run
EIN-06	Perim RD	2173+74.	43.75 L	1158821.2	2435784.63	582.81	581.17			
EIN-07	Perim RD	2174+32.	7.46 R	1158831.38	2435881.76	579.08	573.68			
EIN-08	Taxiway A	1176+99.	224.35 L	1159278.06	2435756.63	581.33	571.54			Line 7
EIN-09	Perim RD	2177+00.	57.84 R	1158999.37	2436076.43	578.41	570.73	570.7		
EIN-10	Taxiway A	1184+89.	99.43 L	1159789.24	2436372.1	587.44	584.33			Line 9
EIN-11	Perim RD	2184+90.	17.54 L	1159642.17	2436540.92	586.19	582.24			Line 9
EMH-1	Taxiway A	1173+21.	56.49 L	1158883.62	2435633.49	584.8	571.63			
EMH-2	Taxiway A	1173+41.	1.49 R	1158860.2	2435690.09	585	571.46			
EMH-3	Perim RD	2174+00.	26.19 R	1158794.71	2435854.46	580.76	570.95	573.24		Line 6
EMH-4	Taxiway A	1176+98.	30.10 L	1159149.03	2435901.84	583.98	570.96			
EMH-5	Taxiway A	1176+98.	31.66 R	1159108.73	2435948.64	583.81	570.78			
IN-4	Perim RD	2174+50.	22.00 L	1158863.61	2435850.85	580.63	577.1			Line 5
IN-5	Perim RD	2174+50.	22.00 R	1158834.56	2435883.9	579.84	576.88			Line 5
IN-6	Perim RD	2177+00.	22.00 L	1159051.52	2436015.97	580.5	570.87			Line 8
IN-7	Perim RD	2177+00.	22.00 R	1159022.47	2436049.02	580	570.79			Exist Pipe



SPRINGFIELD AIRPORT AUTHORITY
 ABRAHAM LINCOLN CAPITAL AIRPORT
 SPRINGFIELD, ILLINOIS

WIDEN TAXIWAY A - CONSTRUCT PERIMETER ROAD
 DRAINAGE PLAN 2

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DESIGN BY: RLV
 DRAWN BY: DPA
 CHECKED BY: RW
 APPROVED BY: RW
 DATE: 1/23/06
 JOB No: 0503507

IL PROJ. NO. SPI-3555
 AIP PROJ. NO. 3-17-0096-44
 SHEET 38 OF 83 SHEETS