

DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NO.	STRUCTURE DESCRIPTION	CENTERLINE			PROPOSED RIM ELEVATION	INVERTS				PIPE CONNECTIONS (Pipe No. - Pipe Size)				SHEET NO.	INLET FILTER	UNDERDRAIN CONNECTION	STRUCTURE TOP SLAB
		STATION	OFFSET	DIR.		NORTH	SOUTH	EAST	WEST	NORTH	SOUTH	EAST	WEST				
411	MAN TA 4 DIA T1F CL	392+50	50.6	LT	933.70	--	--	927.42	--	--	--	409 - SPAN 30", RISE 19"	--	255	--	YES	TAPERED
412	CB TA 4 DIA T24F&G	399+26	47.0	LT	932.56	929.08	--	--	--	412 - DIA 15"	--	--	--	255	YES	--	FLAT
413	MAN TA 4 DIA T1F CL	399+26	53.8	LT	933.00	--	929.05	929.15	929.05	--	412 - DIA 15"	415 - DIA 15"	413 - DIA 15"	255	--	--	FLAT
414	CB TA 4 DIA T24F&G	400+30	45.9	LT	934.18	930.39	--	--	--	414 - DIA 15"	--	--	--	255	YES	YES	FLAT
415	MAN TA 4 DIA T1F CL	400+30	53.5	LT	934.62	--	930.35	--	930.15	--	414 - DIA 15"	--	415 - DIA 15"	255	--	--	FLAT
416	MH TA 6D W/2 T1FCL RP	396+56	53.8	LT	930.23	--	--	926.63	926.63	--	--	416 - DIA 15"	403 - SPAN 30", RISE 19"	255	--	--	FLAT
417	MAN TA 4 DIA T1F CL	396+83	53.8	LT	930.31	--	926.56	--	926.56	--	417 - DIA 15"	--	416 - DIA 15"	255	--	YES	FLAT
418	MAN TA 4 DIA T1F CL	397+11	66.3	RT	929.71	926.20	--	926.30	926.14	417 - DIA 15"	--	377 - DIA 15"	418 - DIA 15"	256	--	YES	FLAT
419	PRC FLAR END SEC 12	394+02	72.0	LT	--	--	928.70	--	--	--	419 - DIA 12"	--	--	255	--	--	--
451	PRC FLAR END SEC 30	411+52	97.3	LT	--	--	917.80	--	--	--	451 - DIA 30"	--	--	257	--	--	--
452	MAN TA 5 DIA T1F CL	411+52	55.4	LT	926.05	918.04	920.00	921.95	920.20	451 - DIA 30"	460 - DIA 24"	459 - DIA 15"	452 - DIA 18"	257	--	--	FLAT
453	CB TA 4 DIA T8G	409+92	56.0	LT	924.60	--	921.05	920.82	921.15	--	457 - DIA 15"	452 - DIA 18"	453 - DIA 15"	257	--	YES	FLAT
454	CB TA 4 DIA T8G	408+00	56.0	LT	926.48	--	--	922.65	922.75	--	--	453 - DIA 15"	454 - DIA 15"	257	--	--	FLAT
455	CB TA 4 DIA T8G	406+00	56.0	LT	931.19	--	--	924.71	926.25	--	--	454 - DIA 15"	455 - DIA 15"	257	--	YES	FLAT
456	CB TA 4 DIA T8G	404+02	56.0	LT	934.10	--	--	928.19	--	--	--	455 - DIA 15"	--	257	--	--	TAPERED
457	CB TA 4 DIA T3F&G	409+92	11.0	LT	927.51	921.46	922.75	--	--	457 - DIA 15"	458 - DIA 15"	--	--	257	YES	--	FLAT
458	CB TA 4 DIA T3F&G	409+92	11.0	RT	927.51	922.93	--	--	--	458 - DIA 15"	--	--	--	257	YES	--	FLAT
459	CB TA 4 DIA T8G	413+00	56.0	LT	929.19	--	--	--	924.10	--	--	--	459 - DIA 15"	257	--	YES	FLAT
460	MAN TA 5 DIA T1F CL	411+52	63.0	RT	927.15	921.13	--	923.50	923.00	460 - DIA 24"	--	462 - DIA 18"	461 - DIA 24"	257	--	--	FLAT
461	PRC FLAR END SEC 24	411+36	63.0	RT	--	--	--	923.20	--	--	--	461 - DIA 24"	--	257	--	--	--
462	PRC FLAR END SEC 18	412+24	65.0	RT	--	--	--	--	924.70	--	--	--	462 - DIA 18"	257	--	--	--
463	PRC FLAR END SEC 15	415+02	66.0	RT	--	--	--	--	930.00	--	--	--	464 - DIA 15"	257	--	--	--
464	PRC FLAR END SEC 15	414+67	66.0	RT	--	--	--	929.30	--	--	--	--	--	257	--	--	--
501	PRC FLAR END SEC 24	421+73	203.0	RT	--	910.70	--	--	--	501 - DIA 24"	--	--	--	258	--	--	--
502	MAN TA 5 DIA T1F CL	421+72	48.0	RT	926.48	914.00	912.22	914.50	--	515 - DIA 24"	501 - DIA 24"	502 - DIA 24"	--	258	--	YES	TAPERED
503	MH TA 6D W/2 T1FCL RP	421+85	49.0	RT	926.20	--	--	914.60	914.58	--	--	503 - DIA 36"	502 - DIA 24"	258	--	--	TAPERED
504	MAN TA 5 DIA T1F CL	425+02	52.0	RT	923.18	917.40	--	917.75	915.84	504 - DIA 18"	--	513 - DIA 15"	503 - DIA 36"	258	--	--	FLAT
505	CB TA 4 DIA T3F&G	425+02	45.0	RT	922.84	917.50	917.42	919.15	--	505 - DIA 18"	504 - DIA 18"	517 - DIA 12"	--	258	YES	YES	FLAT
506	CB TA 4 DIA T3F&G	425+02	11.0	RT	923.79	917.70	917.68	--	--	506 - DIA 18"	505 - DIA 18"	--	--	258	YES	--	TAPERED
507	CB TA 4 DIA T3F&G	424+87	11.0	LT	924.20	918.15	--	917.87	--	507 - DIA 15"	--	508 - DIA 18"	--	258	YES	--	TAPERED
508	CB TA 4 DIA T24F&G	425+04	11.0	LT	924.21	--	917.79	--	917.80	--	506 - DIA 18"	--	508 - DIA 18"	258	YES	YES	TAPERED
509	CB TA 4 DIA T8G	424+87	56.0	LT	922.37	--	918.36	--	918.36	--	507 - DIA 15"	--	509 - DIA 15"	258	--	--	FLAT
510	INLETS TB T8G	424+00	55.4	LT	922.13	--	--	918.69	--	--	--	510 - DIA 15"	--	258	--	YES	FLAT
511	CB TA 4 DIA T24F&G	427+00	35.9	RT	924.33	919.85	919.78	--	--	512 - DIA 15"	511 - DIA 15"	--	--	258	YES	--	FLAT
512	INLETS TB T24F&G	427+00	10.5	LT	925.70	--	920.28	--	--	--	512 - DIA 15"	--	--	258	YES	--	FLAT
513	MAN TA 4 DIA T1F CL	427+00	43.0	RT	924.40	919.75	--	--	919.65	511 - DIA 15"	--	--	513 - DIA 15"	258	--	--	FLAT
514	INLETS TB T8G	424+45	55.5	LT	922.25	--	--	918.51	918.52	--	--	509 - DIA 15"	510 - DIA 15"	258	--	--	FLAT
515	MAN TA 4 DIA T1F CL	421+72	87.0	LT	924.50	--	915.30	--	916.10	--	515 - DIA 24"	--	516 - DIA 15"	258	--	--	TAPERED
516	CB TA 4 DIA T8G	420+90	93.0	LT	924.00	--	--	916.88	916.95	--	--	516 - DIA 15"	518 - DIA 15"	258	--	--	TAPERED
517	INLETS TA T24F&G	425+25	45.7	RT	922.86	--	--	--	919.35	--	--	--	517 - DIA 12"	258	YES	YES	--
518	CB TA 4 DIA T1F CL	419+77	93.0	LT	926.51	918.10	--	918.04	--	EP - DIA 15"	--	518 - DIA 15"	--	258	--	--	TAPERED
551	PRC FLAR END SEC 24	428+50	67.6	RT	--	917.50	--	--	--	551 - DIA 24"	--	--	--	258	--	--	--
552	MAN TA 5 DIA T1F CL	428+50	42.5	RT	927.04	918.50	917.73	920.75	--	552 - DIA 24"	551 - DIA 24"	557 - DIA 15"	--	258	--	--	FLAT
553	CB TA 4 DIA T24F&G	428+50	35.0	RT	926.70	919.00	918.53	--	--	553 - DIA 24"	552 - DIA 24"	--	--	258	YES	YES	TAPERED
554	CB TA 4 DIA T24F&G	428+50	11.0	LT	928.06	921.20	919.42	--	--	554 - DIA 24"	553 - DIA 24"	--	--	258	YES	YES	TAPERED
555	PRC FLAR END SEC 24	428+50	86.5	LT	--	--	922.00	--	--	--	554 - DIA 24"	--	--	258	--	--	--
556	CB TA 4 DIA T24F&G	430+00	36.8	RT	929.03	--	923.78	--	--	--	556 - DIA 15"	--	--	258	YES	--	TAPERED
557	MAN TA 4 DIA T1F CL	430+00	44.0	RT	929.38	923.75	--	--	922.46	556 - DIA 15"	--	--	557 - DIA 15"	258	--	--	TAPERED
560	PRC FLAR END SEC 18	800+95	55.0	LT	--	--	--	924.00	--	--	--	560 - DIA 18"	--	258	--	--	--
561	PRC FLAR END SEC 18	800+95	51.0	RT	--	--	--	--	926.00	--	--	--	560 - DIA 18"	258	--	--	--
601	PRC FLAR END SEC 24	431+03	68.0	RT	--	926.10	--	--	--	601 - DIA 24"	--	--	--	258	--	--	--
602	MAN TA 5 DIA T1F CL	431+03	54.5	RT	930.78	926.95	926.17	926.20	--	602 - DIA 15"	601 - DIA 24"	605 - DIA 24"	--	258	--	--	FLAT
603	CB TA 4 DIA T24F&G	431+03	47.0	RT	930.38	927.00	926.98	--	--	603 - DIA 15"	602 - DIA 15"	--	--	258	YES	--	FLAT
604	CB TA 4 DIA T24F&G	431+07	3.5	RT	931.78	927.45	927.40	927.45	--	656 - DIA 15"	603 - DIA 15"	655 - DIA 15"	--	258	YES	--	FLAT
605	MAN TA 5 DIA T1F CL	433+00	52.0	RT	933.99	928.95	--	928.20	928.08	606 - DIA 15"	--	608 - DIA 24"	605 - DIA 24"	259	--	--	FLAT
606	CB TA 4 DIA T24F&G	433+00	44.7	RT	933.59	929.35	928.98	--	--	607 - DIA 15"	606 - DIA 15"	--	--	259	YES	YES	FLAT
607	CB TA 4 DIA T24F&G	433+00	3.5	RT	934.78	929.95	929.72	--	--	657 - DIA 15"	607 - DIA 15"	--	--	259	YES	YES	FLAT
608	MAN TA 5 DIA T1F CL	435+00	42.5	RT	936.47	931.55	--	930.20	930.11	609 - DIA 15"	--	612 - DIA 24"	608 - DIA 24"	259	--	--	FLAT
609	CB TA 4 DIA T24F&G	435+00	35.0	RT	936.07	931.65	931.58	--	--	610 - DIA 15"	609 - DIA 15"	--	--	259	YES	--	FLAT
610	CB TA 4 DIA T24F&G	435+00	11.0	RT	936.78	932.25	931.85	--	--	611 - DIA 15"	610 - DIA 15"	--	--	259	YES	--	FLAT
611	INLETS TB T24F&G	435+00	5.2	LT	936.63	--	932.38	--	--	--	611 - DIA 15"	--	--	259	YES	--	FLAT
612	MAN TA 5 DIA T1F CL	436+90	42.5	RT	937.42	932.55	--	931.70	931.65	613 - DIA 15"	--	615 - DIA 24"	612 - DIA 24"	259	--	--	FLAT
613	CB TA 4 DIA T24F&G	436+90	35.0	RT	937.02	932.65	932.58	--	--	636 - DIA 15"	613 - DIA 15"	--	--	259	YES	YES	FLAT
614	INLETS TB T24F&G	436+90	10.5	LT	937.73	--	933.13	--	--	--	614 - DIA 15"	--	--	259	YES	YES	FLAT
615	MAN TA 5 DIA T1F CL	438+80	42.5	RT	938.37	933.65	932.90	--	932.79	616 - DIA 15"	618 - DIA 24"	--	615 - DIA 24"	259	--	--	FLAT
616	CB TA 4 DIA T24F&G	438+80	35.0	RT	937.97	933.75	933.68	--	--	617 - DIA 15"	616 - DIA 15"	--	--	259	YES	--	FLAT
617	CB TA 4 DIA T24F&G	438+80	11.0	LT	938.68	934.25	934.25	--	--	658 - DIA 15"	654 - DIA 15"	--	--	259	YES	--	FLAT
618	MAN TA 5 DIA T1F CL	440+70	42.5	RT	939.32	933.81	934.40	934.75	--	618 - DIA 24"	622 - DIA 18"	619 - DIA 15"	--	259	--	--	FLAT
619	CB TA 4 DIA T24F&G	440+70	35.0	RT	938.92	--	--	934.85	934.78	--	--	620 - DIA 15"	619 - DIA 15"	259	YES	YES	FLAT
620	CB TA 4 DIA T24F&G	440+70	11.0	RT	939.63	--	--	935.25	935.05	--	--	621 - DIA 15"	620 - DIA 15"	259	YES	--	FLAT
621	INLETS TB T24F&G	440+70	10.5	LT	939.63	--	--	--	935.43	--	--	--	621 - DIA 15"	259	YES	YES	FLAT
622	MAN TA 4 DIA T1F CL	442+60	42.5	RT	940.27	935.49	935.50	935.75	--	622 - DIA 18"	625 - DIA 18"	623 - DIA 15"	--	259	--	--	FLAT

* INVERT ELEVATIONS OF STRUCTURES 515, 516 AND 518 TO BE ADJUSTED AS DIRECTED BY THE ENGINEER TO PROVIDE POSITIVE DRAINAGE OF EXISTING FIELD TILE

ATT:TB0808.J.DGN, D:\PRA00_25.DGN, D:\PRA00_25.DGN, T:\DOCUMENT\1934\9801\CIVIL\DON\ORA00_45.DGN
 11-06-2013, 16:28:18
 HECHTBR

FILE NAME = #FILEL#	USER NAME = HECHTBR	DESIGNED - MRK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION U.S. ROUTE 14	DRAINAGE SCHEDULE - IV STRUCTURES				F.A.P. RTE. 305	SECTION 27R-2	COUNTY MCHENRY	TOTAL SHEETS 673	SHEET NO. 273
exp U.S. Services Inc. Chicago, IL	PLOT SCALE = #SCALE#	CHECKED - TKL	REVISED -		SCALE: N.T.S.				SHEET NO.	OF SHEETS	STA.	TO STA.	CONTRACT NO. 62268
exp U.S. Services Inc. Chicago, IL	PLOT DATE = #DATE#	DATE - 11/01/13	REVISED -		SHEET NO. OF SHEETS STA. TO STA.				FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
BUILDINGS-EARTH & ENVIRONMENT-ENERGY INDUSTRIAL-INFRASTRUCTURE-SUSTAINABILITY													