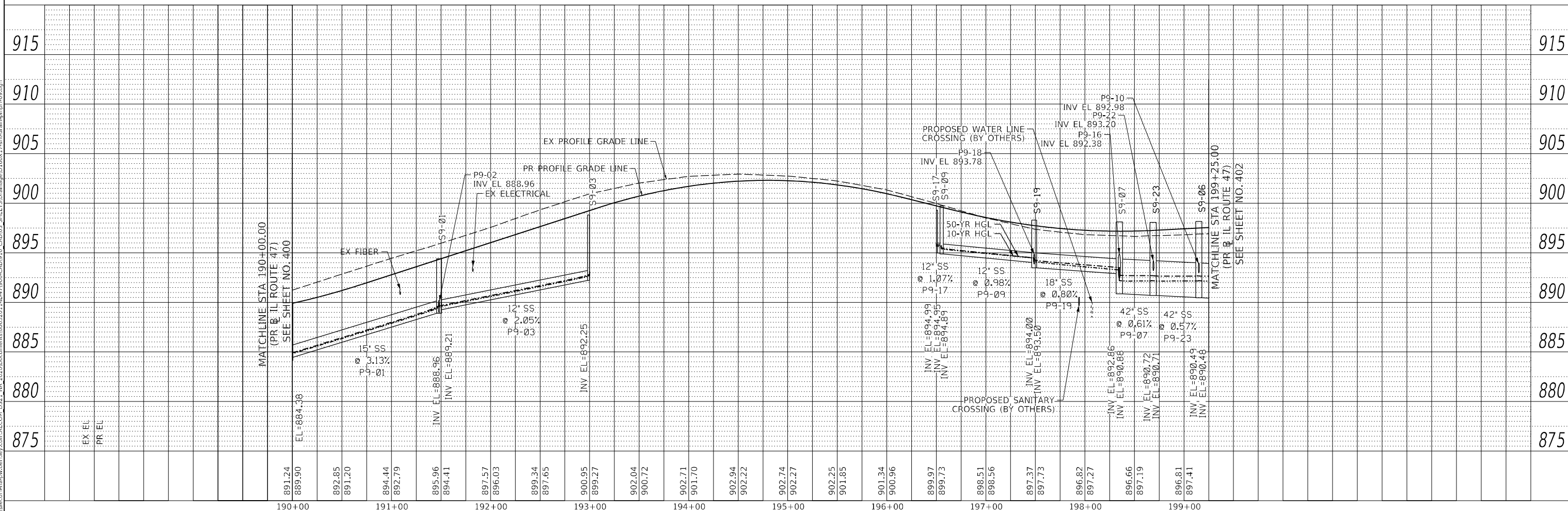
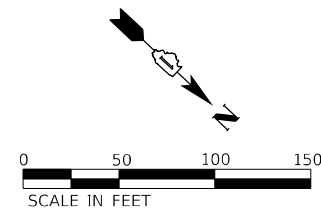
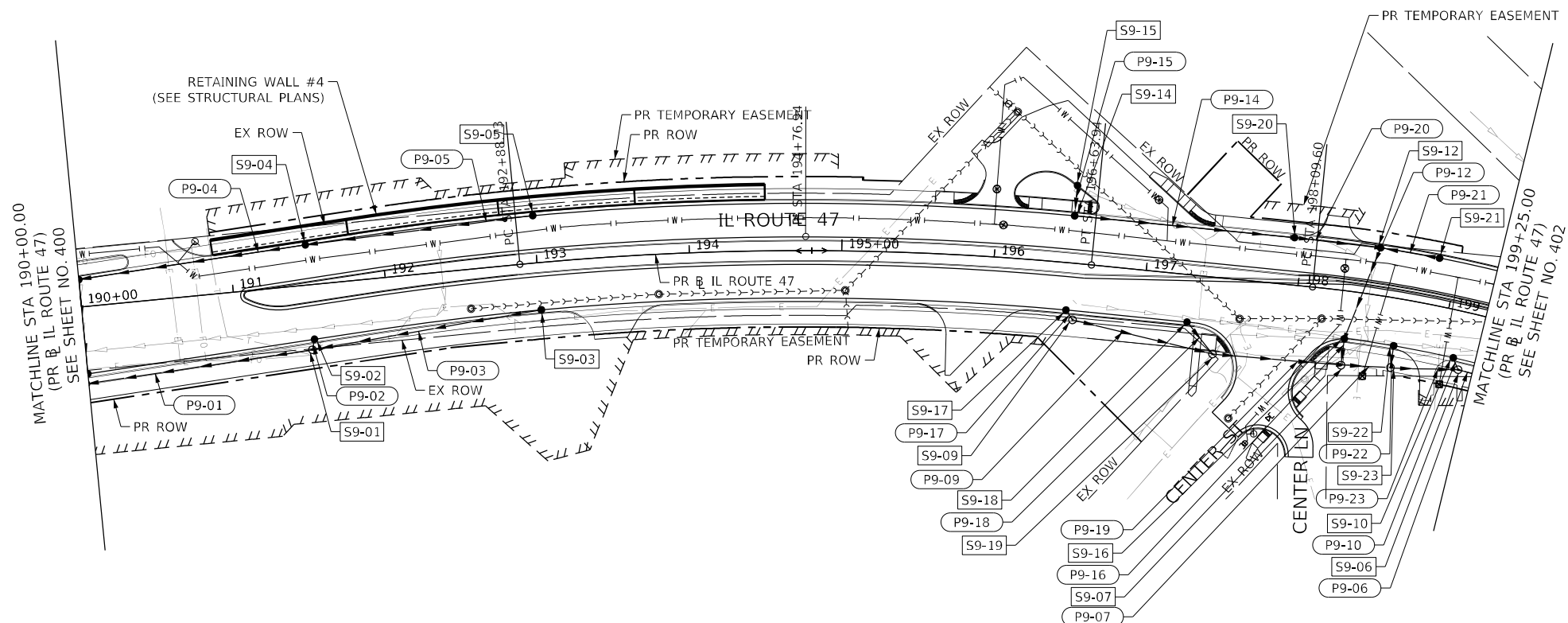


PLAN			BY	DATE
NOTE BOOK				
NO.				

PROFILE	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
NOTE BOOK	GRADES CHECKED _____		
NO. _____	B.M. NOTED _____		
	STRUCTURE NOTATIONS CHECKED _____		

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NO. _____ STRUCTURE NOTATION: C-KD



USER NAME = CookT1	DESIGNED -	EEY
	DRAWN -	EU
PLOT SCALE = 100,0000 ' / in.	CHECKED -	TJW
PLOT DATE = 2/11/2025	DATE -	02/06/2025

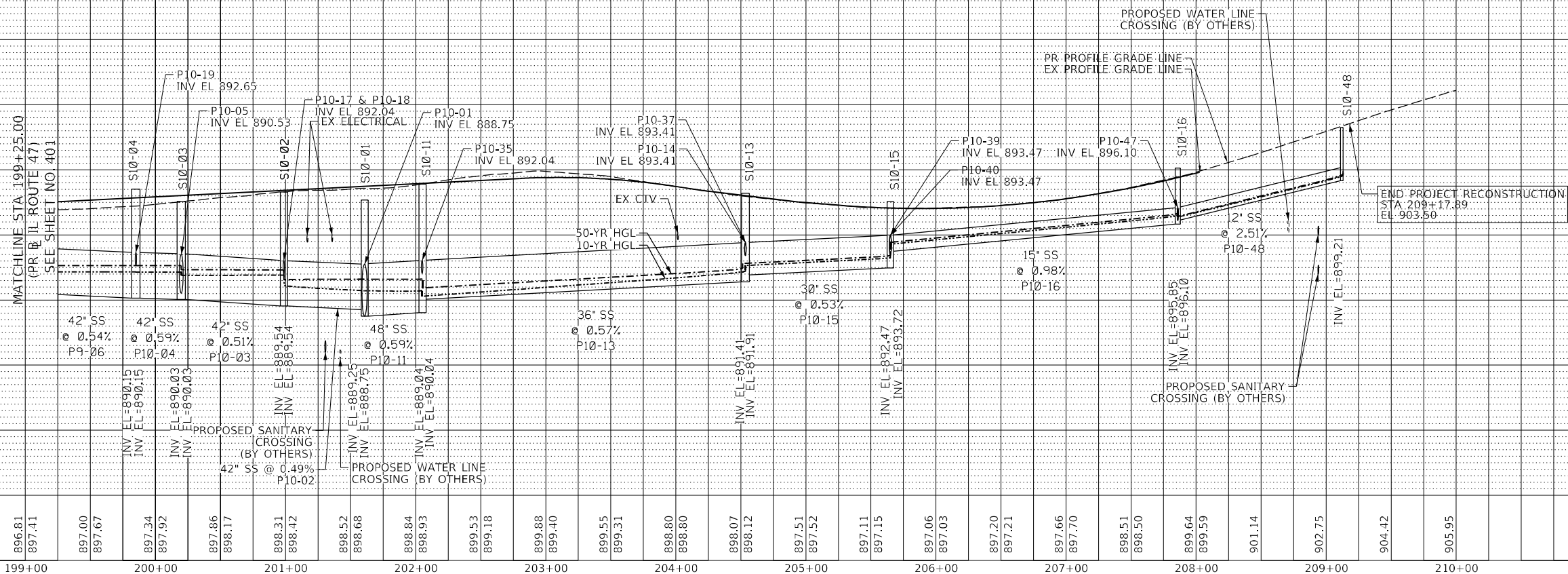
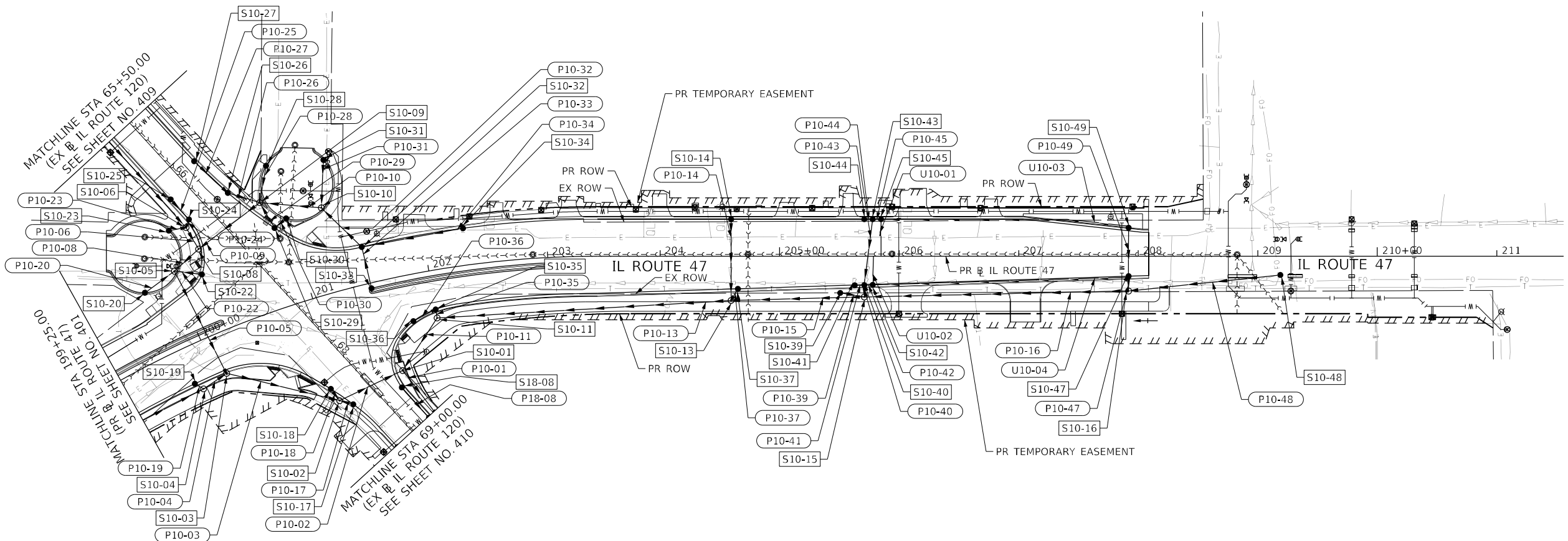
REVISED	-
REVISED	-
REVISED	-
REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL-47 DRAINAGE AND UTILITY PLAN AND PROFILE

SCALE: 1"=50'	SHEET 9 OF 28 SHEETS	STA. TO STA.
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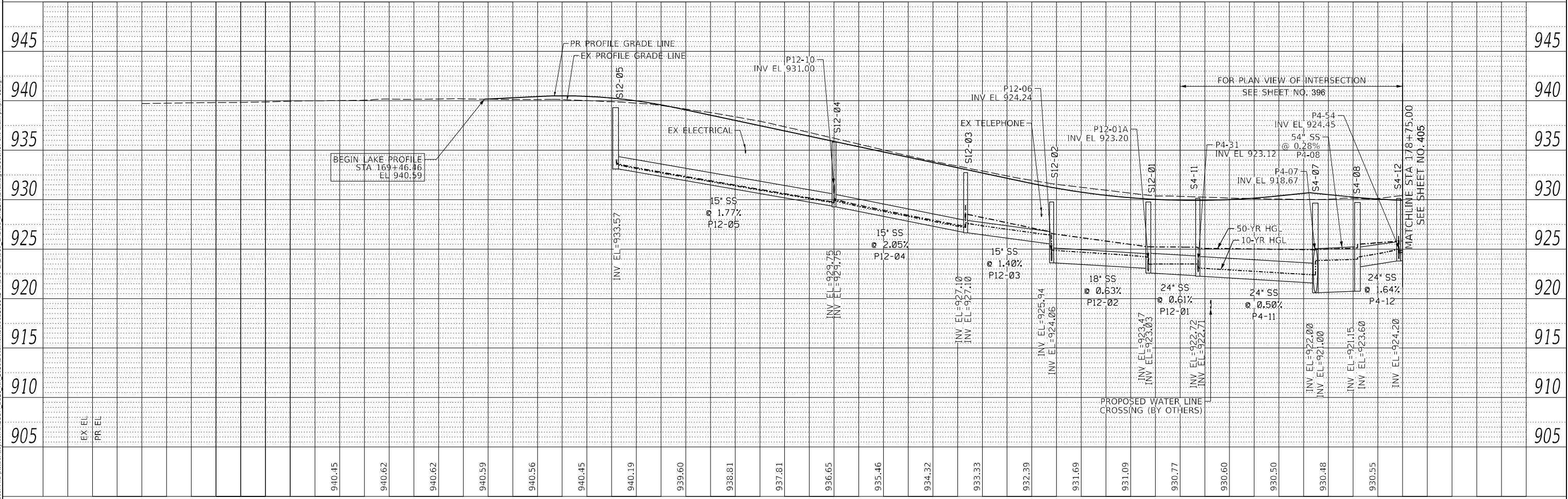
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	2024-1052-N,C,SW,FL	MCHENRY	941	401
		CONTRACT NO. 62X94		
ILLINOIS		FED. AID PROJECT		



PLAN	NO.	NOTE BOOK	SURVEYED	BY	DATE
			PLOTTED		
			ALIGNMENT CHECKED		
			AS BUILT		
			CADD FILE NAME		

PROFILE	NO.	NOTE BOOK	SURVEYED	BY	DATE
			GRADES CHECKED		
			STRUCTURE NOTATIONS C-ING		

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USER NAME = CookT1	DESIGNED - EEY	REVISED -
	DRAWN - EU	REVISED -
PLOT SCALE = 100,000' / in.	CHECKED - TJW	REVISED -
PLOT DATE = 2/11/2025	DATE - 02/06/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

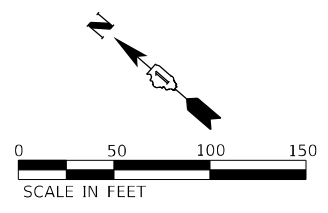
LAKE AVENUE
DRAINAGE AND UTILITY PLAN AND PROFILE

SCALE: 1"=50'	SHEET 12 OF 18 SHEETS	STA. TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	2024-1052-N,C,SW,FL	MCHENRY	941	404
CONTRACT NO. 62X94				
ILLINOIS FED. AID PROJECT				

PROFILE	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
NOTE BOOK _____	GRADES CHECKED _____		
NO. _____	B/M, NOTED _____		
	STRUCTURE NOTATIONS C-H-K-D _____		

MODEL: Default
FILE NAME: pw.v



USER NAME = CookT1	DESIGNED - EBY
	DRAWN - EU
PLOT SCALE = 100,0000 ' / in.	CHECKED - TJW
PLOT DATE = 2/11/2025	DATE - 02/06/2025

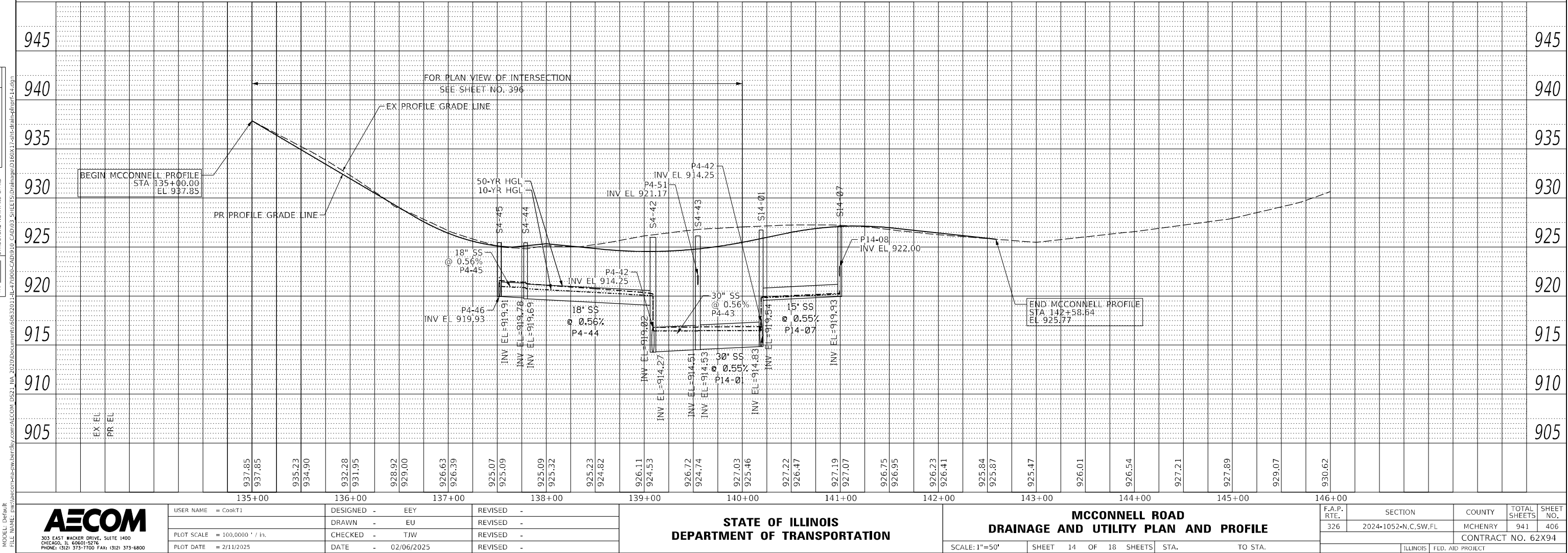
LAKE AVENUE DRAINAGE AND UTILITY PLAN AND PROFILE

SCALE: 1"=50'	SHEET 13 OF 18 SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	2024-1052-N,C,SW,FL	MCHENRY	941	405
		CONTRACT NO. 62X94		
		ILLINOIS	FED. AID PROJECT	

PLAN	NO.	NOTE BOOK	SURVEYED	BY	DATE
			ALIGNED		
			PLOTTED		
			CADD FILE NAME		

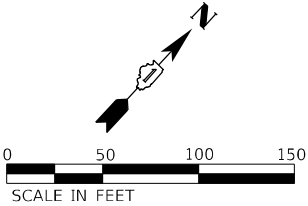
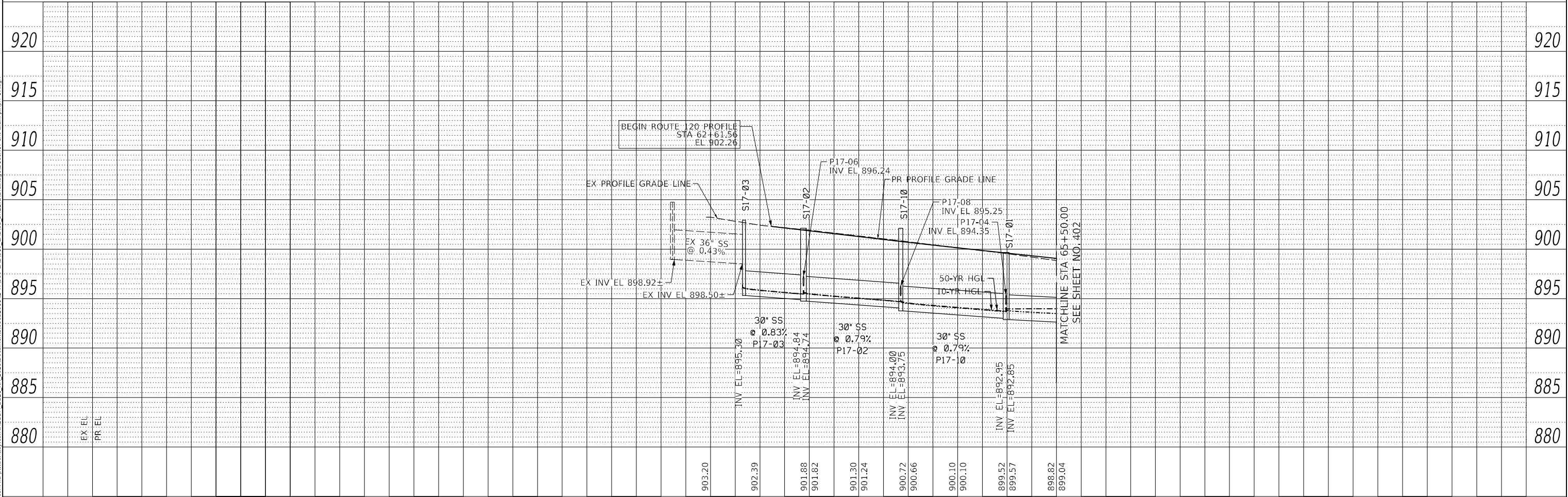
PROFILE	NO.	NOTE BOOK	SURVEYED	BY	DATE
			GRADES CHECKED		
			STRUCTURE NOTATIONS C-100		



PLAN	NO.	NOTE BOOK	SURVEYED PLOTTED ALIGNMENT CHECKED DATE CADD FILE NAME	BY	DATE

PROFILE	NO.	NOTE BOOK	SURVEYED PLOTTED GRADES CHECKED DATE STRUCTURE NOTATIONS C-ING	BY	DATE

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USER NAME = CookT1	DESIGNED - EEY	REVISED -
	DRAWN - EU	REVISED -
PLOT SCALE = 100,000' / in.	CHECKED - TJW	REVISED -
PLOT DATE = 2/11/2025	DATE - 02/06/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 120
DRAINAGE AND UTILITY PLAN AND PROFILE

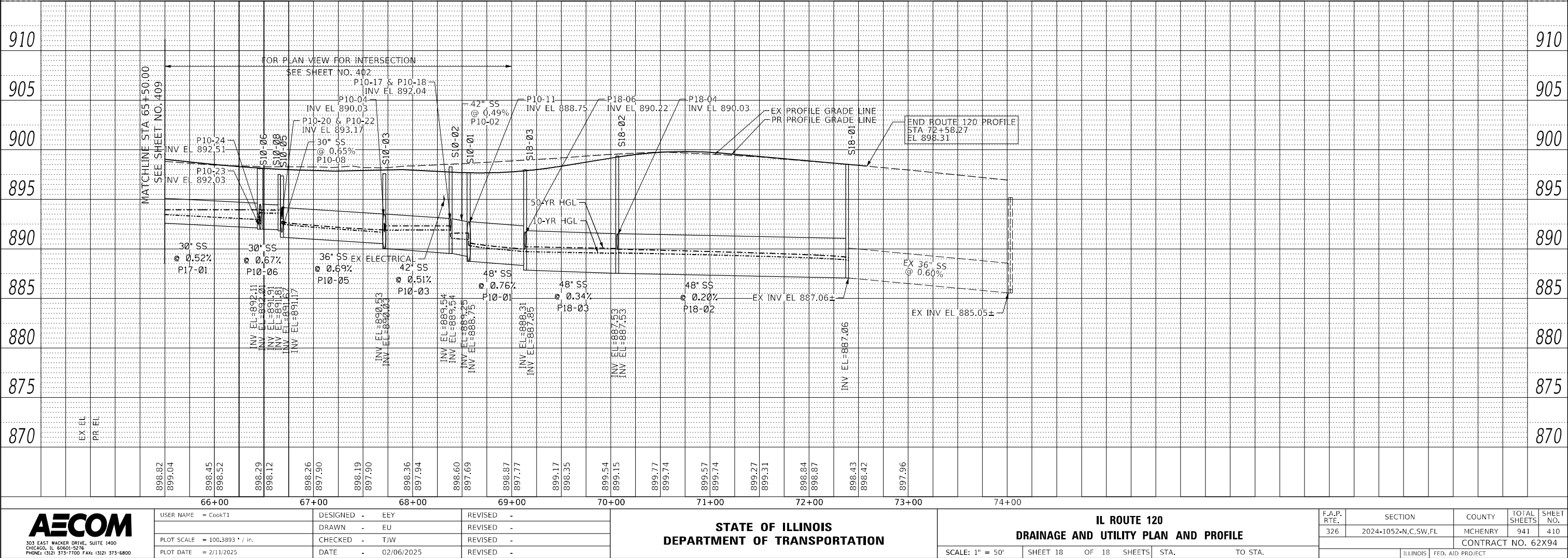
SCALE: 1"=50' SHEET 17 OF 18 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	2024-1052-N,C,SW,FL	MCHENRY	941	409
CONTRACT NO. 62X94				
ILLINOIS FED. AID PROJECT				

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

PROFILE	NO. _____	NOTE BOOK	BY	DATE
SURVEYED _____				
PLOTTED _____				
GRADES CHECKED _____				
B.M. NOTED _____				
STRUCTURE NOTATIONS CHECKED _____				

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USER NAME	= CookT1	DESIGNED	- EY	REVISED	-
DRAWN	- EU	CHECKED	- TJW	REVISED	-
PLOT SCALE	= 100.3893' / in.	DATE	- 02/06/2025	REVISED	-
PLOT DATE	= 2/11/2025				

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 120
DRAINAGE AND UTILITY PLAN AND PROFILE

SCALE: 1" = 50' SHEET 18 OF 18 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	2024-1052-N.C.SW.FL	MCHENRY	941	410
CONTRACT NO. 62X94				
ILLINOIS FED. AID PROJECT				

EXISTING DRAINAGE STRUCTURE REMOVAL SCHEDULE

STRUCTURE NUMBER	STATION	OFFSET	BASELINE	CATCH BASINS TO BE ADJUSTED	MANHOLES TO BE ADJUSTED	MANHOLES TO BE RECONSTRUCTED	INLETS TO BE ADJUSTED	REMOVING MANHOLES	REMOVING CATCH BASINS	REMOVING INLETS	FILLING MANHOLES	FILLING CATCH BASINS	FILLING INLETS	REMOVE EXISTING FLARED END SECTION	CONCRETE HEADWALL REMOVAL PARTIAL	REMOVAL OF EXISTING STRUCTURES	CONCRETE REMOVAL	COMMENTS		
				EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	CU YD				
EXISTING DRAINAGE AND UTILITY PLANS - SHEET 1																				
ES1-01	93+95	64.41' LT	PR IL ROUTE 47											1						
ES1-02	94+85	64.46' LT	PR IL ROUTE 47											1						
ES1-03	95+11	62.72' LT	PR IL ROUTE 47											1						
ES1-04	95+04	53.84' RT	PR IL ROUTE 47											1						
ES1-05	94+56	71.30' RT	PR IL ROUTE 47											1						
ES1-06	105+71	43.11' LT	PR IL ROUTE 47											1						
ES1-07	104+83	44.99' LT	PR IL ROUTE 47						1											
ES1-08	104+93	65.39' LT	PR IL ROUTE 47				1											EX RIM EL = 946.02	PR RIM EL = 946.02	
ES1-09	102+33	54.95' LT	PR IL ROUTE 47											1						
ES1-10	106+05	57.25' RT	PR IL ROUTE 47											1						
ES1-11	105+38	60.62' RT	PR IL ROUTE 47											1						
ES1-12	106+45	40.29' LT	PR IL ROUTE 47											1						
ES1-13	105+94	41.28' LT	PR IL ROUTE 47											1						
ES1-14	107+72	36.20' LT	PR IL ROUTE 47											1						
ES1-15	107+17	38.07' LT	PR IL ROUTE 47											1						
ES1-16	99+99	40.31' RT	PR IL ROUTE 47							1										
ES1-17	108+24	43.22' LT	PR IL ROUTE 47											1						
ES1-18	113+92	29.40' LT	PR IL ROUTE 47						1											
ES1-19	112+34	29.63' LT	PR IL ROUTE 47						1											
ES1-20	112+33	46.50' LT	PR IL ROUTE 47	1																
ES1-21	113+13	58.48' LT	PR IL ROUTE 47	1																
ES1-22	110+36	36.38' LT	PR IL ROUTE 47						1											
ES1-24	108+79	35.00' LT	PR IL ROUTE 47											1						
ES1-25	115+31	29.08' RT	PR IL ROUTE 47					1												
ES1-26	115+25	20.02' RT	PR IL ROUTE 47							1										
ES1-27	115+22	19.08' LT	PR IL ROUTE 47							1										
ES1-28	113+93	28.66' RT	PR IL ROUTE 47					1												
ES1-29	113+90	19.76' RT	PR IL ROUTE 47							1										
ES1-29A	114+09	32.02' RT	PR IL ROUTE 47						1											
ES1-30	113+90	18.14' LT	PR IL ROUTE 47							1										
ES1-31	111+97	27.20' RT	PR IL ROUTE 47					1												
ES1-32	111+93	21.11' RT	PR IL ROUTE 47							1										
ES1-33	111+90	18.94' LT	PR IL ROUTE 47							1										

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USER NAME = CookT1	DESIGNED - EU	REVISED -
	DRAWN - EU	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED - EEEY	REVISED -
PLOT DATE = 2/7/2025	DATE - 02/06/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY SCHEDULES

SCALE: NONE SHEET 1 OF 65 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	2024-1052-N,C,SW,FL	MCHENRY	941	411
CONTRACT NO. 62X94				
		ILLINOIS	FED. AID PROJECT	

EXISTING DRAINAGE STRUCTURE REMOVAL SCHEDULE

STRUCTURE NUMBER	STATION	OFFSET	BASELINE	CATCH BASINS TO BE ADJUSTED	MANHOLES TO BE ADJUSTED	MANHOLES TO BE RECONSTRUCTED	INLETS TO BE ADJUSTED	REMOVING MANHOLES	REMOVING CATCH BASINS	REMOVING INLETS	FILLING MANHOLES	FILLING CATCH BASINS	FILLING INLETS	REMOVE EXISTING FLARED END SECTION	CONCRETE HEADWALL REMOVAL PARTIAL	REMOVAL OF EXISTING STRUCTURES	CONCRETE REMOVAL	COMMENTS	
				EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	CU YD			
ES1-34	110+51	36.46' RT	PR IL ROUTE 47					1											
ES1-35	110+43	23.49' RT	PR IL ROUTE 47							1									
ES1-36	110+37	19.10' LT	PR IL ROUTE 47							1									
ES1-37	108+27	35.63' RT	PR IL ROUTE 47					1											
ES1-38	108+17	27.93' RT	PR IL ROUTE 47							1									
ES1-39	108+14	24.60' LT	PR IL ROUTE 47							1									
ES1-40	109+78	45.18' RT	PR IL ROUTE 47											1					
ES1-41	108+96	41.82' RT	PR IL ROUTE 47											1					
ES1-42	116+23	34.88' LT	PR IL ROUTE 47											1					
ES1-43	115+67	35.22' LT	PR IL ROUTE 47											1					
ES1-44	99+71	63.98' RT	PR IL ROUTE 47					1											
SHEET 1 TOTAL :				2	0	0	1	6	5	11	0	0	0	19	0	0	0		
EXISTING DRAINAGE AND UTILITY PLANS - SHEET 2																			
ES2-01	206+02	19.19' RT	EX SOUTHVIEW DR							1									
ES2-01A	205+99	17.94' LT	EX SOUTHVIEW DR							1									
ES2-02	205+97	25.96' LT	EX SOUTHVIEW DR						1										
ES2-03	207+36	24.90' RT	EX SOUTHVIEW DR		1														
ES2-03A	118+62	62.42' LT	PR IL ROUTE 47				1											EX RIM EL = 932.83	PR RIM EL = 932.83
ES2-03B	118+16	61.59' LT	PR IL ROUTE 47	1														EX RIM EL = 932.05	PR RIM EL = 932.05
ES2-04	207+18	18.23' RT	EX SOUTHVIEW DR							1									
ES2-05	207+14	33.62' LT	EX SOUTHVIEW DR					1											
ES2-06	207+15	19.28' LT	EX SOUTHVIEW DR							1									
ES2-07	120+55	29.98' LT	PR IL ROUTE 47							1									
ES2-08	121+34	30.74' LT	PR IL ROUTE 47							1									
ES2-09	126+48	62.48' LT	PR IL ROUTE 47				1												
ES2-10	127+50	21.71' RT	PR IL ROUTE 47							1									
ES2-11	126+73	22.15' RT	PR IL ROUTE 47							1									
ES2-12	126+09	32.17' RT	PR IL ROUTE 47					1											
ES2-13	126+01	53.03' RT	PR IL ROUTE 47				1												
ES2-14	125+92	34.12' RT	PR IL ROUTE 47					1											
ES2-14A	125+94	22.23' RT	PR IL ROUTE 47							1									
ES2-15	124+74	25.12' RT	PR IL ROUTE 47					1											
ES2-16	124+68	19.39' RT	PR IL ROUTE 47							1									
ES2-16A	124+77	41.59' RT	PR IL ROUTE 47						1										

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USER NAME = CookT1	DESIGNED - EU	REVISED -
	DRAWN - EU	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED - EEE	REVISED -
PLOT DATE = 2/7/2025	DATE - 02/06/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY SCHEDULES		
SCALE: NONE	SHEET 2 OF 65 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	2024-1052-N,C,SW,FL	MCHENRY	941	412
CONTRACT NO. 62X94				
		ILLINOIS	FED. AID PROJECT	

EXISTING DRAINAGE STRUCTURE REMOVAL SCHEDULE

STRUCTURE NUMBER	STATION	OFFSET	BASELINE	CATCH BASINS TO BE ADJUSTED	MANHOLES TO BE ADJUSTED	MANHOLES TO BE RECONSTRUCTED	INLETS TO BE ADJUSTED	REMOVING MANHOLES	REMOVING CATCH BASINS	REMOVING INLETS	FILLING MANHOLES	FILLING CATCH BASINS	FILLING INLETS	REMOVE EXISTING FLARED END SECTION	CONCRETE HEADWALL REMOVAL PARTIAL	REMOVAL OF EXISTING STRUCTURES	CONCRETE REMOVAL	COMMENTS	
				EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	CU YD		
ES2-17	123+27	27.96' RT	PR IL ROUTE 47						1										
ES2-18	123+17	19.61' RT	PR IL ROUTE 47							1									
ES2-19	121+32	25.20' RT	PR IL ROUTE 47					1											
ES2-20	121+28	20.04' RT	PR IL ROUTE 47							1									
ES2-22	120+15	27.09' RT	PR IL ROUTE 47					1											
ES2-23	120+09	20.66' RT	PR IL ROUTE 47							1									
ES2-24	118+66	29.14' RT	PR IL ROUTE 47					1											
ES2-25	118+67	18.53' RT	PR IL ROUTE 47					1											
ES2-26	118+68	18.23' LT	PR IL ROUTE 47						1										
ES2-27	118+58	35.73' LT	PR IL ROUTE 47						1										
ES2-28	117+14	28.23' RT	PR IL ROUTE 47					1											
ES2-29	117+06	20.50' RT	PR IL ROUTE 47							1									
ES2-30	117+03	17.81' LT	PR IL ROUTE 47							1									
ES2-31	117+07	50.89' RT	PR IL ROUTE 47											1					
ES2-32	117+08	34.42' RT	PR IL ROUTE 47					1											
ES2-33	140+48	28.55' LT	PR IL ROUTE 47					1											
ES2-34	140+40	18.96' LT	PR IL ROUTE 47							1									
ES2-35	140+41	19.56' RT	PR IL ROUTE 47							1									
ES2-36	138+76	61.59' RT	EX MCCONNELL RD											1					
ES2-37	138+74	48.65' RT	EX MCCONNELL RD					1											
ES2-38	138+69	27.75' RT	EX MCCONNELL RD							1									
ES2-39	139+11	21.49' RT	EX MCCONNELL RD							1									
ES2-40	139+11	18.99' LT	EX MCCONNELL RD							1									
ES2-41	139+35	35.70' RT	PR IL ROUTE 47					1											
ES2-42	139+03	41.78' LT	PR IL ROUTE 47					1											
ES2-43	139+14	43.49' LT	PR IL ROUTE 47							1									
ES2-44	138+88	44.37' RT	PR IL ROUTE 47					1											
ES2-45	138+86	35.06' RT	PR IL ROUTE 47					1											
ES2-46	138+57	34.99' LT	PR IL ROUTE 47							1									
ES2-47	138+61	45.39' RT	PR IL ROUTE 47					1											
ES2-47A	138+62	40.94' RT	PR IL ROUTE 47							1									
ES2-48	138+41	38.37' RT	PR IL ROUTE 47					1											
ES2-50	138+27	35.92' RT	PR IL ROUTE 47					1											
ES2-51	138+29	42.02' RT	PR IL ROUTE 47					1											

MODEL: Default
FILE: \\miller-prod\acomp\es-pw\ben-ley.com\AECOM_DS21_ILA_202101\Documents\60622011-IL-471905-CAD\010_CAD\03_SHEETS\Drainage\0160X17-cell-D_rain-SCHEX01.dgn



USER NAME = CookT1	DESIGNED - EU	REVISED -
	DRAWN - EU	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED - EEEY	REVISED -
PLOT DATE = 2/7/2025	DATE - 02/06/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY SCHEDULES

SCALE: NONE SHEET 3 OF 65 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	2024-1052-N,C,SW,FL	MCHENRY	941	413
CONTRACT NO. 62X94				
		ILLINOIS	FED. AID PROJECT	

EXISTING DRAINAGE STRUCTURE REMOVAL SCHEDULE

STRUCTURE NUMBER	STATION	OFFSET	BASELINE	CATCH BASINS TO BE ADJUSTED	MANHOLES TO BE ADJUSTED	MANHOLES TO BE RECONSTRUCTED	INLETS TO BE ADJUSTED	REMOVING MANHOLES	REMOVING CATCH BASINS	REMOVING INLETS	FILLING MANHOLES	FILLING CATCH BASINS	FILLING INLETS	REMOVE EXISTING FLARED END SECTION	CONCRETE HEADWALL REMOVAL PARTIAL	REMOVAL OF EXISTING STRUCTURES	CONCRETE REMOVAL	COMMENTS	
				EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	CU YD		
ES2-51B	138+29	51.56' RT	PR IL ROUTE 47					1											
ES2-52	138+32	32.20' RT	PR IL ROUTE 47							1									
ES2-53	137+43	42.46' RT	PR IL ROUTE 47					1											
ES2-54	136+97	44.72' RT	PR IL ROUTE 47		1													INV IN = 921.30	INV OUT = 920.25
ES2-54A	136+93	70.69' RT	PR IL ROUTE 47		1													EX RIM EL = 929.36	PR RIM EL = 929.36
ES2-55	136+78	7.56' RT	PR IL ROUTE 47		1													INV IN = 921.42	INV OUT = 921.42
ES2-56	136+17	21.80' RT	PR IL ROUTE 47				1												INV OUT = 922.35
ES2-57	136+42	5.71' LT	PR IL ROUTE 47		1													INV IN = 921.66	INV OUT = 921.46
ES2-58	136+36	20.57' LT	PR IL ROUTE 47				1												INV OUT = 922
ES2-59	135+54	36.33' RT	PR IL ROUTE 47											1					
ES2-60	134+39	38.14' RT	PR IL ROUTE 47		1													EX RIM EL = 927.93	PR RIM EL = 927.93
ES2-61	134+62	4.89' LT	PR IL ROUTE 47					1											
ES2-62	134+42	35.49' LT	PR IL ROUTE 47	1														EX RIM EL = 926.15	PR RIM EL = 926.15
ES2-63	134+02	30.85' LT	PR IL ROUTE 47	1														EX RIM EL = 926.78	PR RIM EL = 926.78
ES2-64	132+39	38.92' LT	PR IL ROUTE 47					1											
ES2-65	132+26	20.28' LT	PR IL ROUTE 47							1									
ES2-66	131+79	57.57' LT	PR IL ROUTE 47						1										
ES2-67	131+52	56.39' LT	PR IL ROUTE 47					1											
ES2-68	131+39	61.70' LT	PR IL ROUTE 47							1									
ES2-69	130+40	57.30' LT	PR IL ROUTE 47							1									
ES2-70	130+00	41.58' LT	PR IL ROUTE 47						1										
ES2-71	132+06	48.99' RT	PR IL ROUTE 47					1											
ES2-72	132+08	20.53' RT	PR IL ROUTE 47							1									
ES2-73	132+23	40.51' RT	PR IL ROUTE 47					1											
ES2-74	130+78	67.85' RT	PR IL ROUTE 47						1										
ES2-74A	130+05	49.62' LT	PR IL ROUTE 47					1											
ES2-75	130+91	42.13' RT	PR IL ROUTE 47							1									
ES2-76	180+16	40.17' LT	EX LAKE AVE						1										
ES2-77	180+22	29.16' LT	EX LAKE AVE							1									
ES2-78	176+51	62.17' RT	EX LAKE AVE					1											
ES2-86	129+13	24.50' RT	PR IL ROUTE 47							1									
ES2-87	129+70	44.01' RT	PR IL ROUTE 47					1											
ES2-88	129+67	52.65' RT	PR IL ROUTE 47							1									
ES2-89	129+69	25.04' LT	PR IL ROUTE 47							1									

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USER NAME = CookT1	DESIGNED - EU	REVISED -
	DRAWN - EU	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED - EEE	REVISED -
PLOT DATE = 2/7/2025	DATE - 02/06/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY SCHEDULES

SCALE: NONE SHEET 4 OF 65 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	2024-1052-N,C,SW,FL	MCHENRY	941	414
CONTRACT NO. 62X94				
		ILLINOIS	FED. AID PROJECT	

EXISTING DRAINAGE STRUCTURE REMOVAL SCHEDULE

STRUCTURE NUMBER	STATION	OFFSET	BASELINE	CATCH BASINS TO BE ADJUSTED	MANHOLES TO BE ADJUSTED	MANHOLES TO BE RECONSTRUCTED	INLETS TO BE ADJUSTED	REMOVING MANHOLES	REMOVING CATCH BASINS	REMOVING INLETS	FILLING MANHOLES	FILLING CATCH BASINS	FILLING INLETS	REMOVE EXISTING FLARED END SECTION	CONCRETE HEADWALL REMOVAL PARTIAL	REMOVAL OF EXISTING STRUCTURES	CONCRETE REMOVAL	COMMENTS
				EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	CU YD	
ES2-89A	129+85	23.27' RT	PR IL ROUTE 47							1								
ES2-90	128+53	42.15' LT	PR IL ROUTE 47						1									
ES2-91	128+23	22.76' RT	PR IL ROUTE 47							1								
ES2-92	129+56	54.10' RT	PR IL ROUTE 47						1									
ES2-93	129+29	73.38' RT	PR IL ROUTE 47		1													EX RIM EL = 931.58 PR RIM EL = 931.58
SHEET 2 TOTAL:				3	7	0	5	30	11	35	0	0	0	3	0	0	0	
EXISTING DRAINAGE AND UTILITY PLANS - SHEET 3																		
ES3-01	152+42	25.39' LT	PR IL ROUTE 47					1										
ES3-02	152+31	19.89' LT	PR IL ROUTE 47							1								
ES3-03	150+75	23.83' LT	PR IL ROUTE 47					1										
ES3-04	150+64	20.08' LT	PR IL ROUTE 47							1								
ES3-05	149+87	23.15' LT	PR IL ROUTE 47					1										
ES3-06	149+71	27.32' LT	PR IL ROUTE 47							1								
ES3-07	149+78	19.62' LT	PR IL ROUTE 47							1								
ES3-08	148+92	23.27' LT	PR IL ROUTE 47					1										
ES3-09	148+87	20.42' LT	PR IL ROUTE 47							1								
ES3-10	147+81	22.80' LT	PR IL ROUTE 47					1										
ES3-11	147+66	54.48' LT	PR IL ROUTE 47	1														EX RIM EL = 916.41 PR RIM EL = 916.41
ES3-12	147+65	20.37' LT	PR IL ROUTE 47							1								
ES3-13	145+82	22.93' LT	PR IL ROUTE 47					1										
ES3-14	145+73	19.54' LT	PR IL ROUTE 47							1								
ES3-15	145+64	25.60' LT	PR IL ROUTE 47					1										
ES3-16	144+02	23.11' LT	PR IL ROUTE 47					1										
ES3-17	143+90	17.32' LT	PR IL ROUTE 47					1										
ES3-18	143+64	20.36' LT	PR IL ROUTE 47							1								
ES3-19	143+67	37.30' LT	PR IL ROUTE 47						1									
ES3-20	141+48	26.97' LT	PR IL ROUTE 47					1										
ES3-21	141+44	18.86' LT	PR IL ROUTE 47							1								
ES3-22	163+71	27.84' LT	PR IL ROUTE 47					1										
ES3-23	163+80	42.20' LT	PR IL ROUTE 47							1								
ES3-25	163+30	26.36' LT	PR IL ROUTE 47							1								
ES3-26	163+45	23.02' LT	PR IL ROUTE 47							1								
ES3-27	161+76	41.13' LT	PR IL ROUTE 47						1									
ES3-28	161+74	22.32' LT	PR IL ROUTE 47							1								

EXISTING DRAINAGE STRUCTURE REMOVAL SCHEDULE

STRUCTURE NUMBER	STATION	OFFSET	BASELINE	CATCH BASINS TO BE ADJUSTED	MANHOLES TO BE ADJUSTED	MANHOLES TO BE RECONSTRUCTED	INLETS TO BE ADJUSTED	REMOVING MANHOLES	REMOVING CATCH BASINS	REMOVING INLETS	FILLING MANHOLES	FILLING CATCH BASINS	FILLING INLETS	REMOVE EXISTING FLARED END SECTION	CONCRETE HEADWALL REMOVAL PARTIAL	REMOVAL OF EXISTING STRUCTURES	CONCRETE REMOVAL	COMMENTS	
				EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	CU YD			
ES3-29	162+24	41.47' LT	PR IL ROUTE 47							1									
ES3-30	156+54	52.88' RT	PR IL ROUTE 47											1					
ES3-31	156+78	58.07' RT	PR IL ROUTE 47							1									
ES3-32	157+14	55.76' RT	PR IL ROUTE 47							1									
ES3-33	155+02	37.98' RT	PR IL ROUTE 47						1										
ES3-34	155+75	24.33' RT	PR IL ROUTE 47							1									
ES3-35	156+41	30.61' RT	PR IL ROUTE 47					1											
ES3-36	156+45	35.52' RT	PR IL ROUTE 47							1									
ES3-37	158+00	30.91' RT	PR IL ROUTE 47					1											
ES3-39	158+23	34.73' RT	PR IL ROUTE 47					1											
ES3-39B	158+69	26.98' LT	PR IL ROUTE 47		1			1											
ES3-40	161+10	65.60' RT	PR IL ROUTE 47																
ES3-41	161+12	31.36' RT	PR IL ROUTE 47					1											
ES3-42	161+20	25.69' RT	PR IL ROUTE 47							1									
ES3-43	163+03	31.22' RT	PR IL ROUTE 47					1											
ES3-44	163+04	39.08' RT	PR IL ROUTE 47							1									
ES3-45	162+62	42.29' RT	PR IL ROUTE 47						1										
ES3-46	163+14	32.25' RT	PR IL ROUTE 47					1											
ES3-47	163+22	26.45' RT	PR IL ROUTE 47					1											
ES3-48	155+80	19.42' RT	PR IL ROUTE 47					1											
ES3-49	155+80	27.30' LT	PR IL ROUTE 47							1									
ES3-50	156+44	20.10' RT	PR IL ROUTE 47					1											
ES3-51	156+43	29.80' LT	PR IL ROUTE 47							1									
ES3-52	158+07	23.42' RT	PR IL ROUTE 47							1									
ES3-53	158+08	31.24' LT	PR IL ROUTE 47							1									
ES3-54	153+31	24.63' RT	PR IL ROUTE 47					1											
ES3-55	153+23	18.45' RT	PR IL ROUTE 47							1									
ES3-55A	153+30	61.55' RT	PR IL ROUTE 47			1												EX RIM EL = 910.50	PR RIM EL = 910.50
ES3-55B	153+30	163.18' RT	PR IL ROUTE 47		1													EX RIM EL = 912.01	PR RIM EL = 912.01
ES3-56	155+08	35.76' LT	PR IL ROUTE 47													1		REMOVE EXISTING DROP BOX STRUCTURE (SEE NOTE 1)	
ES3-56A	155+93	31.67' LT	PR IL ROUTE 47							1									
ES3-56B	155+08	28.00' RT	PR IL ROUTE 47														3.6	REMOVAL OF EXISTING BOX CULVERT HEADWALL AND WINGWALLS	
ES3-57	153+32	24.37' LT	PR IL ROUTE 47					1											
ES3-57B	154+00	33.00' LT	PR IL ROUTE 47											1					

NOTES:

- 1.) PLANS FOR THE EXISTING CAST-IN-PLACE CONCRETE DROP BOX STRUCTURE ARE NOT AVAILABLE. INTERIOR DROP BOX DIMENSIONS MEASURE APPROXIMATELY 9'x9'x'6 (LxWxH). WALL THICKNESS ASSUMED TO BE 12-INCHES.

EXISTING DRAINAGE STRUCTURE REMOVAL SCHEDULE

STRUCTURE NUMBER	STATION	OFFSET	BASELINE	CATCH BASINS TO BE ADJUSTED	MANHOLES TO BE ADJUSTED	MANHOLES TO BE RECONSTRUCTED	INLETS TO BE ADJUSTED	REMOVING MANHOLES	REMOVING CATCH BASINS	REMOVING INLETS	FILLING MANHOLES	FILLING CATCH BASINS	FILLING INLETS	REMOVE EXISTING FLARED END SECTION	CONCRETE HEADWALL REMOVAL PARTIAL	REMOVAL OF EXISTING STRUCTURES	CONCRETE REMOVAL	COMMENTS			
				EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	CU YD					
ES3-58	156+91	26.84' LT	PR IL ROUTE 47					1													
ES3-59	157+00	46.84' LT	PR IL ROUTE 47							1											
ES3-60	157+51	45.55' LT	PR IL ROUTE 47							1											
ES3-61	158+75	31.22' LT	PR IL ROUTE 47							1											
ES3-62	159+92	27.13' LT	PR IL ROUTE 47					1													
ES3-63	159+94	23.32' LT	PR IL ROUTE 47							1											
ES3-64	160+16	28.66' LT	PR IL ROUTE 47							1											
ES3-65	153+23	19.95' LT	PR IL ROUTE 47							1											
ES3-67	153+78	67.8' RT	PR IL ROUTE 47											1	1						
ES3-68	153+90	73.5' RT	PR IL ROUTE 47											1	1						
ES3-70	152+78	43.56' LT	PR IL ROUTE 47											1							
ES3-71	151+85	35.14' LT	PR IL ROUTE 47						1												
ES3-72	152+36	31.05' LT	PR IL ROUTE 47					1													
SHEET 3 TOTAL:				1	2	1	0	26	5	32	0	0	0	5	2	1	3.6				
EXISTING DRAINAGE AND UTILITY PLANS - SHEET 4																					
ES4-01	112+79	21.03' LT	EX E SOUTH ST					1													
ES4-02	167+66	31.84' LT	PR IL ROUTE 47								1										
ES4-03	167+06	37.75' LT	PR IL ROUTE 47								1										
ES4-04	167+28	51.35' LT	PR IL ROUTE 47							1											
ES4-05	166+24	37.40' LT	PR IL ROUTE 47					1													
ES4-06	166+24	25.03' LT	PR IL ROUTE 47							1											
ES4-07	165+24	33.96' LT	PR IL ROUTE 47					1													
ES4-08	166+18	68.31' LT	PR IL ROUTE 47				1														
ES4-08A	166+83	66.93' LT	PR IL ROUTE 47				1														
ES4-12	165+25	33.72' RT	PR IL ROUTE 47									1									
ES4-12A	165+24	24.61' LT	PR IL ROUTE 47										1								
ES4-13	168+09	32.77' LT	PR IL ROUTE 47						1												
ES4-14	168+91	34.17' LT	PR IL ROUTE 47					1													
ES4-15	168+91	25.52' LT	PR IL ROUTE 47							1											
ES4-16	170+09	33.32' LT	PR IL ROUTE 47					1													
ES4-17	170+23	25.89' LT	PR IL ROUTE 47							1											
ES4-18	171+24	24.94' LT	PR IL ROUTE 47							1											
ES4-19	172+48	33.43' LT	PR IL ROUTE 47					1													
ES4-19A	171+74	48.28' RT	PR IL ROUTE 47					1													

MODEL: Default
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USER NAME = CookT1	DESIGNED - EU	REVISED -
	DRAWN - EU	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED - EEEY	REVISED -
PLOT DATE = 2/7/2025	DATE - 02/06/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY SCHEDULES

SCALE: NONE SHEET 7 OF 65 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	2024-1052-N,C,SW,FL	MCHENRY	941	417
CONTRACT NO. 62X94				
		ILLINOIS	FED. AID PROJECT	

EXISTING DRAINAGE STRUCTURE REMOVAL SCHEDULE

STRUCTURE NUMBER	STATION	OFFSET	BASELINE	CATCH BASINS TO BE ADJUSTED	MANHOLES TO BE ADJUSTED	MANHOLES TO BE RECONSTRUCTED	INLETS TO BE ADJUSTED	REMOVING MANHOLES	REMOVING CATCH BASINS	REMOVING INLETS	FILLING MANHOLES	FILLING CATCH BASINS	FILLING INLETS	REMOVE EXISTING FLARED END SECTION	CONCRETE HEADWALL REMOVAL PARTIAL	REMOVAL OF EXISTING STRUCTURES	CONCRETE REMOVAL	COMMENTS	
				EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	CU YD			
ES4-20	172+47	44.29' LT	PR IL ROUTE 47					1											
ES4-21	173+09	108.18' LT	PR IL ROUTE 47		1														
ES4-21A	173+03	115.35' LT	PR IL ROUTE 47	1															
ES4-22	172+82	79.03' LT	PR IL ROUTE 47					1											
ES4-22A	172+70	88.10' LT	PR IL ROUTE 47	1															
ES4-23	174+23	26.37' LT	PR IL ROUTE 47							1									
ES4-24	174+24	36.50' LT	PR IL ROUTE 47					1											
ES4-25	175+13	31.80' LT	PR IL ROUTE 47					1											
ES4-26	175+15	22.69' LT	PR IL ROUTE 47							1									
ES4-27	176+07	19.81' LT	PR IL ROUTE 47							1									
ES4-28	176+09	30.13' LT	PR IL ROUTE 47					1											
ES4-29	176+05	19.56' RT	PR IL ROUTE 47					1											
ES4-29A	176+18	31.02' RT	PR IL ROUTE 47							1									
ES4-30	176+18	23.61' RT	PR IL ROUTE 47					1											
ES4-31	178+79	25.00' RT	PR IL ROUTE 47					1											
ES4-32	178+74	20.01' RT	PR IL ROUTE 47							1									
ES4-33	178+72	18.19' LT	PR IL ROUTE 47							1									
ES4-34	178+81	29.42' LT	PR IL ROUTE 47											1					
ES4-35	179+30	29.66' LT	PR IL ROUTE 47											1					
ES4-37	181+41	20.13' RT	PR IL ROUTE 47							1									
ES4-38	181+51	26.15' RT	PR IL ROUTE 47					1											
ES4-39	182+06	41.01' RT	PR IL ROUTE 47					1											
ES4-40	182+32	37.51' RT	PR IL ROUTE 47					1											
ES4-41	182+64	39.27' RT	PR IL ROUTE 47					1											
ES4-42	183+02	36.63' RT	PR IL ROUTE 47					1											
ES4-43	201+11	25.71' LT	EX IRVING AVE							1									
ES4-44	201+06	17.56' RT	EX IRVING AVE						1										
ES4-45	201+08	6.80' RT	EX IRVING AVE		1														
ES4-47	183+29	24.65' RT	PR IL ROUTE 47							1									
ES4-48	183+95	33.09' RT	PR IL ROUTE 47						1										
ES4-49	180+70	32.86' LT	PR IL ROUTE 47							1									
ES4-49A	180+34	33.61' LT	PR IL ROUTE 47							1									
ES4-49B	180+21	34.83' LT	PR IL ROUTE 47											1					
ES4-50	181+63	20.07' LT	PR IL ROUTE 47							1									

EXISTING DRAINAGE STRUCTURE REMOVAL SCHEDULE

STRUCTURE NUMBER	STATION	OFFSET	BASELINE	CATCH BASINS TO BE ADJUSTED	MANHOLES TO BE ADJUSTED	MANHOLES TO BE RECONSTRUCTED	INLETS TO BE ADJUSTED	REMOVING MANHOLES	REMOVING CATCH BASINS	REMOVING INLETS	FILLING MANHOLES	FILLING CATCH BASINS	FILLING INLETS	REMOVE EXISTING FLARED END SECTION	CONCRETE HEADWALL REMOVAL PARTIAL	REMOVAL OF EXISTING STRUCTURES	CONCRETE REMOVAL	COMMENTS	
				EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	CU YD		
ES4-51	181+89	35.27' LT	PR IL ROUTE 47		1														
ES4-52	182+06	22.12' LT	PR IL ROUTE 47							1									
ES4-53	110+61	19.45' RT	EX \163 JUDD ST							1									
ES4-54	110+60	18.57' LT	EX \163 JUDD ST							1									
ES4-55	183+29	28.27' LT	PR IL ROUTE 47						1										
ES4-56	183+27	18.10' LT	PR IL ROUTE 47							1									
ES4-57	182+96	31.17' LT	PR IL ROUTE 47							1									
ES4-58	182+80	30.22' LT	PR IL ROUTE 47					1											
ES4-59	183+01	48.49' LT	PR IL ROUTE 47							1									
ES4-60	184+54	37.11' LT	PR IL ROUTE 47							1									
ES4-61	184+76	38.83' LT	PR IL ROUTE 47							1									
ES4-62	186+38	38.24' LT	PR IL ROUTE 47										1						
ES4-63	186+55	29.97' LT	PR IL ROUTE 47		1														
ES4-64	186+65	35.55' LT	PR IL ROUTE 47							1									
ES4-65	186+93	17.47' LT	PR IL ROUTE 47							1									
ES4-66	185+74	17.46' LT	PR IL ROUTE 47							1									
ES4-67	185+79	38.74' RT	PR IL ROUTE 47		1														
ES4-68	186+70	32.07' RT	PR IL ROUTE 47					1											
ES4-69	186+78	20.91' RT	PR IL ROUTE 47							1									
ES4-70	187+58	27.15' RT	PR IL ROUTE 47					1											
ES4-71	187+58	20.94' RT	PR IL ROUTE 47							1									
ES4-72	187+56	17.23' LT	PR IL ROUTE 47							1									
ES4-73	189+76	29.38' RT	PR IL ROUTE 47					1											
ES4-74	190+00	21.31' RT	PR IL ROUTE 47							1									
ES4-75	190+00	17.21' LT	PR IL ROUTE 47							1									
SHEET 4 TOTAL :				2	5	0	2	24	4	33	2	1	2	3	0	0	0		
EXISTING DRAINAGE AND UTILITY PLANS - SHEET 5																			
ES5-01	198+51	30.27' RT	PR IL ROUTE 47					1											
ES5-02	198+10	60.60' RT	PR IL ROUTE 47					1											
ES5-03	197+99	70.18' RT	PR IL ROUTE 47							1									
ES5-04	198+47	19.92' RT	PR IL ROUTE 47							1									
ES5-05	198+47	19.92' LT	PR IL ROUTE 47							1									
ES5-06	198+11	32.24' LT	PR IL ROUTE 47							1									
ES5-07	197+59	36.03' RT	PR IL ROUTE 47						1										

EXISTING DRAINAGE STRUCTURE REMOVAL SCHEDULE

STRUCTURE NUMBER	STATION	OFFSET	BASELINE	CATCH BASINS TO BE ADJUSTED	MANHOLES TO BE ADJUSTED	MANHOLES TO BE RECONSTRUCTED	INLETS TO BE ADJUSTED	REMOVING MANHOLES	REMOVING CATCH BASINS	REMOVING INLETS	FILLING MANHOLES	FILLING CATCH BASINS	FILLING INLETS	REMOVE EXISTING FLARED END SECTION	CONCRETE HEADWALL REMOVAL PARTIAL	REMOVAL OF EXISTING STRUCTURES	CONCRETE REMOVAL	COMMENTS	
				EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	CU YD		
ES5-08	197+66	58.33' RT	PR IL ROUTE 47							1									
ES5-09	197+70	24.21' RT	PR IL ROUTE 47							1									
ES5-10	196+56	26.59' RT	PR IL ROUTE 47					1											
ES5-11	196+49	19.59' RT	PR IL ROUTE 47							1									
ES5-11A	196+50	48.95' LT	PR IL ROUTE 47							1									
ES5-11B	197+17	31.77' LT	PR IL ROUTE 47						1										
ES5-12	192+31	28.58' RT	PR IL ROUTE 47					1											
ES5-13	192+38	21.24' RT	PR IL ROUTE 47							1									
ES5-14	192+37	16.99' LT	PR IL ROUTE 47							1									
ES5-15	68+23	26.91' LT	EX IL ROUTE 120					1											
ES5-16	201+51	36.67' RT	PR IL ROUTE 47					1											
ES5-17	201+78	15.50' RT	PR IL ROUTE 47					1											
ES5-18	202+43	16.98' RT	PR IL ROUTE 47					1											
ES5-19	204+48	22.21' RT	PR IL ROUTE 47					1											
ES5-20	204+53	18.03' RT	PR IL ROUTE 47							1									
ES5-21	204+54	20.09' LT	PR IL ROUTE 47							1									
ES5-22	205+56	23.46' RT	PR IL ROUTE 47					1											
ES5-23	205+57	17.77' RT	PR IL ROUTE 47							1									
ES5-24	205+66	23.56' RT	PR IL ROUTE 47					1											
ES5-25	205+67	17.66' RT	PR IL ROUTE 47							1									
ES5-26	205+70	20.58' LT	PR IL ROUTE 47							1									
ES5-27	205+57	20.46' LT	PR IL ROUTE 47							1									
ES5-28	206+18	21.23' RT	PR IL ROUTE 47					1											
ES5-29	206+24	17.58' RT	PR IL ROUTE 47							1									
ES5-30	206+23	20.62' LT	PR IL ROUTE 47							1									
ES5-31	207+09	21.02' RT	PR IL ROUTE 47					1											
ES5-32	207+13	17.39' RT	PR IL ROUTE 47							1									
ES5-33	207+15	20.94' LT	PR IL ROUTE 47							1									
ES5-34	208+90	21.57' RT	PR IL ROUTE 47					1											
ES5-35	209+08	16.58' RT	PR IL ROUTE 47							1									
ES5-36	208+89	42.86' LT	PR IL ROUTE 47					1											
ES5-36A	209+13	21.73' LT	PR IL ROUTE 47				1												
ES5-37	201+41	56.24' RT	PR IL ROUTE 47							1									
ES5-38	201+87	11.11' RT	PR IL ROUTE 47							1									

MODEL: Default
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USER NAME = CookT1	DESIGNED - EU	REVISED -
	DRAWN - EU	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED - EEEY	REVISED -
PLOT DATE = 2/7/2025	DATE - 02/06/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY SCHEDULES

SCALE: NONE SHEET 10 OF 65 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	2024-1052-N,C,SW,FL	MCHENRY	941	420
CONTRACT NO. 62X94				
		ILLINOIS	FED. AID PROJECT	

EXISTING DRAINAGE STRUCTURE REMOVAL SCHEDULE

STRUCTURE NUMBER	STATION	OFFSET	BASELINE	CATCH BASINS TO BE ADJUSTED	MANHOLES TO BE ADJUSTED	MANHOLES TO BE RECONSTRUCTED	INLETS TO BE ADJUSTED	REMOVING MANHOLES	REMOVING CATCH BASINS	REMOVING INLETS	FILLING MANHOLES	FILLING CATCH BASINS	FILLING INLETS	REMOVE EXISTING FLARED END SECTION	CONCRETE HEADWALL REMOVAL PARTIAL	REMOVAL OF EXISTING STRUCTURES	CONCRETE REMOVAL	COMMENTS	
				EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	CU YD		
ES5-39	201+02	3.81' RT	PR IL ROUTE 47					1											
ES5-40	201+30	46.90' RT	PR IL ROUTE 47					1											
ES5-41	200+77	16.10' RT	PR IL ROUTE 47					1											
ES5-42	200+70	28.02' RT	PR IL ROUTE 47							1									
ES5-43	200+60	10.84' LT	PR IL ROUTE 47					1											
ES5-44	200+73	5.12' LT	PR IL ROUTE 47					1											
ES5-45	199+82	13.20' RT	PR IL ROUTE 47					1											
ES5-46	199+95	6.95' RT	PR IL ROUTE 47							1									
ES5-47	199+78	37.60' LT	PR IL ROUTE 47							1									
ES5-48	200+34	41.04' LT	PR IL ROUTE 47					1											
ES5-49	200+16	55.86' LT	PR IL ROUTE 47					1											
ES5-50	66+66	17.55' RT	EX IL ROUTE 120					1											
ES5-51	66+70	13.89' LT	EX IL ROUTE 120					1											
ES5-52	66+67	24.92' LT	EX IL ROUTE 120							1									
ES5-53	200+00	58.46' LT	PR IL ROUTE 47							1									
ES5-54	200+09	83.80' LT	PR IL ROUTE 47							1									
SHEET 5 TOTAL :				0	0	0	1	25	2	29	0	0	0	0	0	0	0		
EXISTING DRAINAGE AND UTILITY PLANS - SHEET 6																			
ES6-01	176+13	31.91' LT	EX LAKE AVE						1										
ES6-02	175+89	31.06' LT	EX LAKE AVE					1											
ES6-03	174+31	33.71' LT	EX LAKE AVE						1										
ES6-04	176+20	17.46' RT	EX LAKE AVE					1											
ES6-05	174+03	22.91' RT	EX LAKE AVE							1									
ES6-06	176+20	41.47' RT	EX LAKE AVE					1											
SHEET 6 TOTAL :				0	0	0	0	3	2	1	0	0	0	0	0	0	0		
EXISTING DRAINAGE AND UTILITY PLANS - SHEET 7																			
ES7-01	180+48	22.08' RT	EX LAKE AVE							1									
ES7-02	181+84	27.37' LT	EX LAKE AVE					1											
ES7-03	181+91	33.14' LT	EX LAKE AVE						1										
ES7-04	181+87	21.46' LT	EX LAKE AVE							1									
ES7-05	182+23	21.44' RT	EX LAKE AVE				1												
ES7-06	183+25	23.46' LT	EX LAKE AVE		1														
SHEET 7 TOTAL :				0	1	0	1	1	1	2	0	0	0	0	0	0	0		
EXISTING DRAINAGE AND UTILITY PLANS - SHEET 8																			

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USER NAME = CookT1	DESIGNED - EU	REVISED -
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PLOT DATE = 2/7/2025	DATE - 02/06/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY SCHEDULES

SCALE: NONE SHEET 11 OF 65 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	2024-1052-N,C,SW,FL	MCHENRY	941	421
CONTRACT NO. 62X94				
		ILLINOIS	FED. AID PROJECT	

EXISTING DRAINAGE STRUCTURE REMOVAL SCHEDULE

STRUCTURE NUMBER	STATION	OFFSET	BASELINE	CATCH BASINS TO BE ADJUSTED	MANHOLES TO BE ADJUSTED	MANHOLES TO BE RECONSTRUCTED	INLETS TO BE ADJUSTED	REMOVING MANHOLES	REMOVING CATCH BASINS	REMOVING INLETS	FILLING MANHOLES	FILLING CATCH BASINS	FILLING INLETS	REMOVE EXISTING FLARED END SECTION	CONCRETE HEADWALL REMOVAL PARTIAL	REMOVAL OF EXISTING STRUCTURES	CONCRETE REMOVAL	COMMENTS	
				EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	CU YD			
ES8-02	111+55	9.52' LT	EX E SOUTH ST		1														
ES8-03	111+50	17.45' RT	EX E SOUTH ST							1									
ES8-04	111+54	17.57' LT	EX E SOUTH ST							1									
ES8-05	117+15	18.06' RT	EX E SOUTH ST		1														
ES8-06	116+78	22.57' RT	EX E SOUTH ST							1									
ES8-07	117+13	25.09' LT	EX E SOUTH ST		1														
ES8-08	116+88	31.01' LT	EX E SOUTH ST							1									
SHEET 8 TOTAL :				0	3	0	0	0	0	4	0	0	0	0	0	0	0		
EXISTING DRAINAGE AND UTILITY PLANS - SHEET 9																			
ES9-02	202+79	10.00' RT	EX IRVING AVE			1													
ES9-03	202+78	21.89' LT	EX IRVING AVE					1											
SHEET 9 TOTAL :				0	0	1	0	1	0	0	0	0	0	0	0	0	0		
EXISTING DRAINAGE AND UTILITY PLANS - SHEET 10																			
ES10-01	62+32	19.13' RT	EX IL ROUTE 120					1											
ES10-02	64+30	16.85' RT	EX IL ROUTE 120							1									
ES10-03	64+32	18.17' LT	EX IL ROUTE 120							1									
ES10-04	71+60	26.13' LT	EX IL ROUTE 120					1											
ES10-05	71+66	22.54' LT	EX IL ROUTE 120					1											
ES10-06	71+71	19.10' LT	EX IL ROUTE 120							1									
ES10-07	71+48	17.03' RT	EX IL ROUTE 120					1											
ES10-08	71+39	18.96' RT	EX IL ROUTE 120							1									
ES10-09	69+04	19.59' RT	EX IL ROUTE 120							1									
ES10-10	69+02	19.83' LT	EX IL ROUTE 120							1									
ES10-11	69+08	29.25' LT	EX IL ROUTE 120					1											
ES10-12	72+57	19.21' LT	EX IL ROUTE 120				1												
ES10-13	72+56	18.98' RT	EX IL ROUTE 120				1												
SHEET 10 TOTAL :				0	0	0	2	5	0	6	0	0	0	0	0	0	0		
TOTALS :				8	18	2	12	121	30	153	2	1	2	30	2	1	3.6		

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY SCHEDULES

SCALE: NONE SHEET 12 OF 65 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	2024-1052-N,C,SW,FL	MCHENRY	941	422
		CONTRACT NO. 62X94		
		ILLINOIS	FED. AID PROJECT	

EXISTING PIPE REMOVAL SCHEDULE

PIPE	UPSTREAM	DOWNSTREAM	UPSTREAM INVERT ELEVATION	DOWNSTREAM INVERT ELEVATION	PIPE SLOPE (%)	PIPE CULVERT REMOVAL	STORM SEWER REMOVAL 4"	STORM SEWER REMOVAL 6"	STORM SEWER REMOVAL 8"	STORM SEWER REMOVAL 10"	STORM SEWER REMOVAL 12"	STORM SEWER REMOVAL 15"	STORM SEWER REMOVAL 18"	STORM SEWER REMOVAL 24"	STORM SEWER REMOVAL 30"	STORM SEWER REMOVAL 36"	STORM SEWER REMOVAL 48"	STORM SEWER REMOVAL 60"	PIPE CULVERTS TO BE CLEANED 60"	TELEVISION INSPECTION OF SEWER	BOX CULVERT REMOVAL	STORM SEWERS TO BE CLEANED 8"	STORM SEWERS TO BE CLEANED 10"	STORM SEWERS TO BE CLEANED 12"	STORM SEWERS TO BE CLEANED 24"	STORM SEWERS TO BE CLEANED 30"	STORM SEWERS TO BE CLEANED 48"	ABANDON AND FILL EXISTING STORM SEWER	TRENCH BACKFILL		
						STRUCTURE NO.	STRUCTURE NO.	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT
	EXISTING DRAINAGE AND UTILITY PLANS - SHEET 1																														
R1-02	ES1-02	ES1-01	937.31	936.61	0.75%	93																							7.7		
R1-03	ES1-16	ES1-44	948.52	948.32	0.56%						36																		0.0		
R1-04	ES1-04	ES1-03	938.35	938.09	0.22%	117																							40.6		
R1-07	ES1-07	ES1-06	942.26	941.40	0.98%							88																	36.0		
R1-08	STA 104+88, 54.3' LT	ES1-07	944.26	944.11	1.33%				11																				2.9		
TC1-08	ES1-08	STA 104+88, 54.3' LT																	24		12								0.0		
R1-09	ES1-09	ES1-07	944.70	944.42	0.11%							251																	84.3		
R1-11	ES1-11	ES1-10	941.78	940.64	1.70%	67																							14.5		
R1-13	ES1-13	ES1-12	941.51	941.26	0.49%	51																							14.8		
R1-15	ES1-14	ES1-15	939.45	938.62	1.48%	56																							19.7		
R1-17	ES1-18	STA 114+24, 29.4' LT	932.23	932.07	0.50%							32																	10.1		
R1-18	ES1-18	ES1-30	934.03	933.90	1.18%						11																		0.6		
R1-19	ES1-19	ES1-18	933.24	932.13	0.70%							159																	48.8		
R1-20	STA 112+34, 34.0' LT	ES1-19	933.98	933.74	6.00%						4																		1.6		
R1-22	ES1-22	ES1-19	934.87	933.24	0.82%							199																	82.7		
R1-23	STA 110+37, 40.9' LT	ES1-22	935.05	934.87	3.60%						5																		2.0		
TC1-23	STA 110+47, 65.21' LT	STA 110+37, 40.9' LT																	54					27					0.0		
R1-24	ES1-24	ES1-22	936.97	935.22	1.11%							157																	24.9		
R1-25	ES1-25	ES2-28	932.86	931.94	0.50%								184																14.3		
R1-26	ES1-26	ES1-25	933.20	932.86	3.40%						10																		1.0		
R1-27	ES1-27	ES1-26	933.50	933.10	0.98%						41																		3.0		
R1-28	ES1-28	ES1-25	933.34	932.86	0.35%								138																13.1		
R1-29	ES1-29	ES1-28	933.53	933.34	2.11%						9																		1.3		
R1-29A	ES1-29A	BLIND CONNECTION	934.47	934.43	0.57%						7																		0.0		
R1-30	ES1-30	ES1-29	933.89	933.53	0.90%						40																		4.6		
R1-31	ES1-31	ES1-28	933.54	933.34	0.10%								197																37.0		
R1-32	ES1-32	ES1-31	934.48	933.54	11.75%						8																		1.7		
R1-33	ES1-33	ES1-32	934.85	934.48	0.86%						43																		5.1		
R1-34	ES1-34	ES1-31	934.64	933.54	0.75%								146																38.4		
R1-35	ES1-35	ES1-34	935.29	934.84	2.81%						16																		3.0		
R1-36	ES1-36	ES1-35	935.88	935.29	1.28%						46																		4.7		
R1-37	ES1-37	ES1-34	936.16	934.64	0.68%						225																		87.3		
R1-38	ES1-38	ES1-37	937.00	936.16	7.00%						12																		5.1		
R1-39	ES1-39	ES1-38	938.03	937.60	0.78%						55																		12.4		

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY SCHEDULES

SCALE: NONE SHEET 13 OF 65 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	2024-1052-N,C,SW,FL	MCHENRY	941	423
CONTRACT NO. 62X94				
		ILLINOIS	FED. AID PROJECT	

EXISTING PIPE REMOVAL SCHEDULE

PIPE	UPSTREAM	DOWNSTREAM	UPSTREAM INVERT ELEVATION	DOWNSTREAM INVERT ELEVATION	PIPE SLOPE (%)	PIPE CULVERT REMOVAL	STORM SEWER REMOVAL 4"	STORM SEWER REMOVAL 6"	STORM SEWER REMOVAL 8"	STORM SEWER REMOVAL 10"	STORM SEWER REMOVAL 12"	STORM SEWER REMOVAL 15"	STORM SEWER REMOVAL 18"	STORM SEWER REMOVAL 24"	STORM SEWER REMOVAL 30"	STORM SEWER REMOVAL 36"	STORM SEWER REMOVAL 48"	STORM SEWER REMOVAL 60"	PIPE CULVERTS TO BE CLEANED 60"	TELEVISION INSPECTION OF SEWER	BOX CULVERT REMOVAL	STORM SEWERS TO BE CLEANED 8"	STORM SEWERS TO BE CLEANED 10"	STORM SEWERS TO BE CLEANED 12"	STORM SEWERS TO BE CLEANED 24"	STORM SEWERS TO BE CLEANED 30"	STORM SEWERS TO BE CLEANED 48"	ABANDON AND FILL EXISTING STORM SEWER	TRENCH BACKFILL		
						STRUCTURE NO.	STRUCTURE NO.	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT
	STRUCTURE NO.	STRUCTURE NO.				FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT
R1-41	ES1-41	ES1-40	937.92	937.60	0.38%	85																							3.7		
R1-43	ES1-43	ES1-42	933.91	932.77	1.87%								61																57.6		
SHEET 1 TOTAL:						469	0	0	11	0	568	886	726	0	0	0	0	0	0	78	0	12	0	27	0	0	0	0	0	685	
EXISTING DRAINAGE AND UTILITY PLANS - SHEET 2																															
R2-01	ES2-01	ES2-04	931.02	930.09	0.79%						118																		47.9		
R2-01A	ES2-01A	ES2-01	931.55	931.02	1.36%						39																		7.1		
R2-02	ES2-02	ES2-01A	932.81	931.95	14.33%						6																		1.0		
R2-03	ES2-03	ES2-04	925.38	926.29	-4.55%						20																		25.5		
R2-04	ES2-04	ES2-06	926.24	925.72	1.33%						39																		39.6		
F2-05	ES2-05	ES2-09																										634	0.0		
R2-06	ES2-06	ES2-05	925.62	925.95	-2.36%						14																		16.2		
R2-07	ES2-07	ES2-05	931.10	931.59	-1.04%						47																		14.7		
R2-08	ES2-08	ES2-07	931.69	931.63	0.08%						80																		10.6		
R2-10	ES2-10	STA 127+50, 32.2' RT	927.27	927.22	0.50%						10																		0.5		
R2-11	ES2-11	STA 126+72, 32.7' RT	928.07	928.01	0.55%						11																		0.0		
R2-12	ES2-12	ES2-87	926.23	923.91	0.65%									359															263.5		
R2-13	ES2-13	ES2-12	928.98	928.87	0.48%				23																				1.9		
R2-14	ES2-14	ES2-12	926.43	926.33	0.59%									17															4.2		
R2-14A	ES2-14A	ES2-14	927.56	926.43	9.42%						12																		2.4		
R2-15	ES2-15	ES2-14	926.62	926.43	0.16%									118															40.8		
R2-16	ES2-16	ES2-15	927.51	927.27	3.00%						8																		2.6		
R2-16A	ES2-16A	ES2-15	929.23	926.62	16.31%					16																			4.1		
R2-17	ES2-17	ES2-15	923.35	926.62	-2.22%									147															133.9		
R2-18	ES2-18	ES2-17	927.79	925.25	19.54%						13																		8.7		
R2-19	ES2-19	ES2-17	927.75	923.25	2.33%									193															213.8		
R2-20	ES2-20	ES2-19	928.82	927.75	15.29%						7																		4.6		
R2-21	STA 121+28, 46.1' RT	ES2-19	930.10	930.03	0.32%						22																		13.0		
R2-22	ES2-22	ES2-19	928.19	927.75	0.38%									116															97.1		
R2-23	ES2-23	ES2-22	929.01	928.19	9.11%						9																		6.2		
R2-24	ES2-24	ES2-22	928.99	928.19	0.54%									149															99.5		
R2-25	ES2-25	ES2-24	931.39	928.99	20.00%						12																		3.5		
R2-26	ES2-26	ES2-25	931.50	931.59	-0.24%						37																		3.3		
R2-27	ES2-27	STA 118+57, 34.7' RT	930.55	928.71	2.67%																69								23.0		
R2-28	ES2-28	ES2-24	931.94	928.99	1.93%								153																43.0		
R2-29	ES2-29	ES2-28	933.25	932.09	11.60%						10																		0.1		

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY SCHEDULES

SCALE: NONE SHEET 14 OF 55 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	2024-1052-N,C,SW,FL	MCHENRY	941	424
CONTRACT NO. 62X94				
		ILLINOIS	FED. AID PROJECT	

EXISTING PIPE REMOVAL SCHEDULE

PIPE	UPSTREAM	DOWNSTREAM	UPSTREAM INVERT ELEVATION	DOWNSTREAM INVERT ELEVATION	PIPE SLOPE (%)	PIPE CULVERT REMOVAL	STORM SEWER REMOVAL 4"	STORM SEWER REMOVAL 6"	STORM SEWER REMOVAL 8"	STORM SEWER REMOVAL 10"	STORM SEWER REMOVAL 12"	STORM SEWER REMOVAL 15"	STORM SEWER REMOVAL 18"	STORM SEWER REMOVAL 24"	STORM SEWER REMOVAL 30"	STORM SEWER REMOVAL 36"	STORM SEWER REMOVAL 48"	STORM SEWER REMOVAL 60"	PIPE CULVERTS TO BE CLEANED 60"	TELEVISION INSPECTION OF SEWER	BOX CULVERT REMOVAL	STORM SEWERS TO BE CLEANED 8"	STORM SEWERS TO BE CLEANED 10"	STORM SEWERS TO BE CLEANED 12"	STORM SEWERS TO BE CLEANED 24"	STORM SEWERS TO BE CLEANED 30"	STORM SEWERS TO BE CLEANED 48"	ABANDON AND FILL EXISTING STORM SEWER	TRENCH BACKFILL			
	STRUCTURE NO.	STRUCTURE NO.				FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	CU YD
R2-30	ES2-30	ES2-29	932.60	932.30	0.75%						40																			2.6		
R2-32	ES2-32	ES2-31	930.30	930.21	0.53%										17															10.5		
R2-33	ES2-33	ES3-20	918.49	918.01	0.48%						101																			162.8		
R2-34	ES2-34	ES2-33	921.13	918.49	20.31%						13																			8.9		
R2-35	ES2-35	ES2-34	919.41	921.13	-4.41%						39																			18.9		
R2-37	ES2-37	ES2-36	921.65	921.57	0.53%						15																			7.4		
R2-38	ES2-38	ES2-37	921.83	921.65	0.82%						22																			9.0		
R2-39	ES2-39	ES2-38	922.17	921.88	0.66%						44																			15.6		
R2-40	ES2-40	ES2-39	922.44	922.17	0.64%						42																			12.4		
R2-42	ES2-42	ES2-41	921.89	921.43	0.55%						84																			18.8		
R2-43	ES2-43	ES2-42	921.70	921.64	0.55%						11																			2.1		
R2-44	ES2-44	ES2-41	920.75	920.08	1.37%									49																30.4		
R2-44A	ES2-45	ES2-44	921.01	920.75	2.60%						10																			5.3		
R2-45	ES2-45	ES2-41	921.01	920.08	1.90%									49																36.8		
R2-46	ES2-46	ES2-45	922.00	921.61	0.51%					77																				35.8		
R2-47	ES2-47	ES2-44	920.80	920.75	0.19%									27																19.5		
R2-47A	ES2-47A	ES2-47	921.19	920.80	7.80%						5																			3.6		
R2-48	ES2-48	ES2-47	920.76	920.80	-0.18%						22																			14.6		
R2-50	ES2-50	ES2-45	921.17	921.16	0.02%									60																45.3		
R2-51	ES2-51	ES2-50	920.65	921.87	-17.43%						7																			3.8		
R2-51A	ES2-51	ES2-48	920.65	920.66	-0.08%						13																			8.6		
R2-51B	ES2-51B	ES2-51	921.09	920.75	3.40%						10																			6.1		
R2-52	ES2-52	ES2-50	921.77	921.67	1.67%					6																				2.7		
R2-53	ES2-53	ES2-50	921.60	921.17	0.51%									85																60.5		
R2-54	ES2-54	ES2-53	921.68	921.60	0.17%									47																25.6		
C2-54A	ES2-54A	ES2-54	920.56	920.50	0.22%																					27				0.0		
C2-55	ES2-55	ES2-54	921.42	921.30	0.40%																					30				0.0		
C2-56	ES2-56	ES2-55	922.35	921.86	0.79%																				62					0.0		
C2-57	ES2-57	ES2-55	921.46	921.42	0.11%																					35				0.0		
C2-58	ES2-58	ES2-57	922.00	921.76	1.85%																				13					0.0		
R2-60	ES2-60	ES2-59	924.23	924.33	-0.09%									116																26.9		
R2-61	ES2-61	STA. 135+97.00, 5.42' LT	921.95	921.86	0.07%									135																54.5		
R2-61A	ES2-60	ES2-61	924.23	921.95	4.65%									49																8.0		
R2-62	ES2-62	STA. 135+97.00, 23.60' L	922.75	923.45	-0.45%						157																			39.6		
R2-62A	ES2-62	ES2-61	922.75	921.95	2.11%						38																			12.5		

MODEL: Default
FILE: \\miller-prod\ascom-prod\server\lay.com\AECOM_DS21_ILA_202101\Documents\60622011-IL-471900-CAD\03_CAD\03_SHEETS\Drainage\0160X17-sch-Drain-SCH-EX-02.dgn



USER NAME = CookT1	DESIGNED - EU	REVISED -
	DRAWN - EU	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED - EEEY	REVISED -
PLOT DATE = 2/7/2025	DATE - 02/06/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY SCHEDULES

SCALE: NONE SHEET 15 OF 65 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	2024-1052-N,C,SW,FL	MCHENRY	941	425
CONTRACT NO. 62X94				
		ILLINOIS	FED. AID PROJECT	

EXISTING PIPE REMOVAL SCHEDULE

PIPE	UPSTREAM	DOWNSTREAM	UPSTREAM INVERT ELEVATION	DOWNSTREAM INVERT ELEVATION	PIPE SLOPE (%)	PIPE CULVERT REMOVAL	STORM SEWER REMOVAL 4"	STORM SEWER REMOVAL 6"	STORM SEWER REMOVAL 8"	STORM SEWER REMOVAL 10"	STORM SEWER REMOVAL 12"	STORM SEWER REMOVAL 15"	STORM SEWER REMOVAL 18"	STORM SEWER REMOVAL 24"	STORM SEWER REMOVAL 30"	STORM SEWER REMOVAL 36"	STORM SEWER REMOVAL 48"	STORM SEWER REMOVAL 60"	PIPE CULVERTS TO BE CLEANED 60"	TELEVISION INSPECTION OF SEWER	BOX CULVERT REMOVAL	STORM SEWERS TO BE CLEANED 8"	STORM SEWERS TO BE CLEANED 10"	STORM SEWERS TO BE CLEANED 12"	STORM SEWERS TO BE CLEANED 24"	STORM SEWERS TO BE CLEANED 30"	STORM SEWERS TO BE CLEANED 48"	ABANDON AND FILL EXISTING STORM SEWER	TRENCH BACKFILL		
						STRUCTURE NO.	STRUCTURE NO.	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT
R2-64	ES2-64	ES2-63	924.50	923.68	0.50%								164																	35.6	
R2-65	ES2-65	ES2-64	925.78	925.67	0.48%						23																			2.2	
R2-66	ES2-66	ES2-64	926.60	926.29	0.49%						63																			0.3	
R2-67	ES2-67	ES2-64	925.32	924.87	0.51%								89																	21.8	
R2-68	ES2-68	ES2-67	925.66	925.62	0.29%						14																			3.8	
R2-69	ES2-69	ES2-68	925.94	925.66	0.28%						100																			20.9	
R2-70	ES2-70	BLIND CONNECTION	926.05	925.99	0.55%						11																			1.9	
R2-71	ES2-71	ES2-60	922.86	922.33	0.23%									234																232.4	
R2-72	ES2-72	ES2-71	928.83	922.86	20.59%						29																			13.7	
R2-73	ES2-73	ES2-71	925.26	925.16	0.50%						20																			11.9	
R2-74	ES2-74	ES2-71	924.36	922.86	1.16%									129																142.2	
R2-75	ES2-75	ES2-74	925.83	925.61	0.76%						29																			13.2	
R2-76	ES2-76	ES2-74	926.88	924.36	1.64%							154																		87.4	
R2-77	ES2-77	ES2-76	929.00	927.58	10.92%						13																			3.1	
R2-78	ES2-78	STA 176+63, 87.9' RT	925.20	925.00	0.69%						29																			21.8	
R2-86	ES2-86	ES2-87	927.25	923.91	5.57%						60																			26.8	
R2-87	ES2-87	ES2-74	923.91	923.81	0.09%									112																89.2	
R2-88	ES2-88	ES2-87	926.70	923.96	27.40%						10																			4.6	
R2-89	ES2-89	ES2-87	926.54	923.91	4.38%						60																			22.0	
R2-89A	ES2-89A	BLIND CONNECTION	928.60	928.52	0.53%				15																					0.0	
R2-90	ES2-90	ES2-89	927.25	926.54	0.61%						116																			0.6	
R2-91	ES2-91	BLIND CONNECTION	928.27	928.05	0.50%						44																			2.7	
R2-92	ES2-92	ES2-87	925.53	923.96	9.24%								17																	9.4	
R2-93	ES2-93	ES2-92	925.88	925.53	1.03%						34																			16.3	
R2-94	UNKNOWN	ES2-93	926.77	926.58	0.51%		37																							17.4	
SHEET 2 TOTAL :						0	37	0	38	99	1842	154	423	2191	17	0	0	0	0	0	69	0	0	75	92	0	0	634	2643		
EXISTING DRAINAGE AND UTILITY PLANS - SHEET 3																															
R3-01	ES3-01	ES3-57	908.36	906.59	1.97%						90																			40.0	
R3-02	ES3-02	ES3-01	909.95	909.88	0.54%						13																			1.5	
R3-03	ES3-03	ES3-01	910.20	908.36	1.11%						166																			59.3	
R3-03A	STA 150+56, 38.6' LT	ES3-03	911.87	911.75	0.50%						24																			3.5	
TC3-03A	UNKNOWN	STA 150+56, 38.6' LT																	64						32					0.0	
R3-04	ES3-04	ES3-03	910.34	910.15	1.58%						12																			4.5	
R3-05	ES3-05	ES3-03	911.45	911.50	-0.05%						93																			22.9	
R3-06	ES3-06	ES3-05	913.18	913.10	0.50%						16																			1.2	

MODEL: Default
FILE: \\miller-prod\ascom-prod\server\luc.com\AECOM_DS21_ILA_202101\Documents\6062011-IL-47000-CAD\03_CAD\03_SHEETS\Drainage\0160X17-sch\Drain-SCH-EX-02.dgn



USER NAME = CookT1	DESIGNED - EU	REVISED -
	DRAWN - EU	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED - EEEY	REVISED -
PLOT DATE = 2/7/2025	DATE - 02/06/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY SCHEDULES

SCALE: NONE SHEET 16 OF 65 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	2024-1052-N,C,SW,FL	MCHENRY	941	426
CONTRACT NO. 62X94				
		ILLINOIS	FED. AID PROJECT	

EXISTING PIPE REMOVAL SCHEDULE

PIPE	UPSTREAM	DOWNSTREAM	UPSTREAM INVERT ELEVATION	DOWNSTREAM INVERT ELEVATION	PIPE SLOPE (%)	PIPE CULVERT REMOVAL	STORM SEWER REMOVAL 4"	STORM SEWER REMOVAL 6"	STORM SEWER REMOVAL 8"	STORM SEWER REMOVAL 10"	STORM SEWER REMOVAL 12"	STORM SEWER REMOVAL 15"	STORM SEWER REMOVAL 18"	STORM SEWER REMOVAL 24"	STORM SEWER REMOVAL 30"	STORM SEWER REMOVAL 36"	STORM SEWER REMOVAL 48"	STORM SEWER REMOVAL 60"	PIPE CULVERTS TO BE CLEANED 60"	TELEVISION INSPECTION OF SEWER	BOX CULVERT REMOVAL	STORM SEWERS TO BE CLEANED 8"	STORM SEWERS TO BE CLEANED 10"	STORM SEWERS TO BE CLEANED 12"	STORM SEWERS TO BE CLEANED 24"	STORM SEWERS TO BE CLEANED 30"	STORM SEWERS TO BE CLEANED 48"	ABANDON AND FILL EXISTING STORM SEWER	TRENCH BACKFILL		
						STRUCTURE NO.	STRUCTURE NO.	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT
R3-07	ES3-07	ES3-05	913.15	913.10	0.56%						9																		0.7		
R3-08	ES3-08	ES3-05	911.45	911.50	-0.05%						93																		39.4		
R3-09	ES3-09	ES3-08	913.55	911.45	30.00%						7																		2.5		
R3-10	ES3-10	ES3-08	911.79	911.45	0.31%						110																		66.3		
R3-11	ES3-11	ES3-10	911.55	911.79	-1.26%						19																		16.9		
R3-12	ES3-12	ES3-10	915.19	911.79	20.00%						17																		7.5		
R3-13	ES3-13	ES3-10	914.59	911.79	1.42%						197																		133.8		
R3-13A	STA 145+62, 37.1' LT	ES3-13	914.71	914.59	0.50%						24																		16.6		
R3-14	ES3-14	ES3-13	916.88	914.59	25.44%						9																		4.5		
R3-15	ES3-15	ES3-13	914.74	914.59	0.83%						18																		12.0		
R3-16	ES3-16	ES3-15	915.39	911.19	2.61%						161																		155.1		
R3-17	ES3-17	ES3-16	915.53	917.39	-14.31%						13																		7.0		
R3-18	ES3-18	ES3-17	918.31	917.68	2.42%						26																		8.1		
R3-19	ES3-19	ES3-16	915.53	915.99	-1.24%			37																					22.7		
R3-20	ES3-20	ES3-16	918.01	916.19	0.73%						249																		184.5		
R3-21	ES3-21	ES3-20	920.35	920.46	-1.22%						9																		3.0		
R3-22	ES3-22	ES4-12	911.65	909.76	1.15%						164																		128.5		
R3-22A	ES3-22	ES4-07	911.65	909.77	1.23%						153																		90.3		
R3-23	ES3-23	ES3-22	911.94	911.65	1.81%				16																				4.4		
R3-25	ES3-25	BLIND CONNECTION	911.29	911.26	0.50%						6																		0.9		
R3-26	ES3-26	ES3-25	910.29	911.29	-6.25%						16																		3.9		
R3-27	ES3-27	ES3-22	911.29	911.95	-0.34%						196																		43.5		
R3-28	ES3-28	ES3-27	911.45	911.29	0.84%				19																				3.8		
TC3-28A	EX INLET	STA 161+76, 47.9' LT																		36				18					0.0		
R3-28A	STA 161+76, 47.9' LT	ES3-27	911.38	911.34	0.57%					7																			1.5		
F3-29	ES3-29	EX INLET																									53		0.0		
R3-31	ES3-31	ES3-30	904.80	904.59	0.81%								26																0.0		
R3-32	ES3-32	ES3-31	905.79	904.85	2.47%								38																24.0		
R3-34	ES3-34	ES3-33	905.02	902.26	3.68%								75																70.6		
R3-35	ES3-35	ES3-34	904.69	904.48	0.32%								66																44.3		
R3-36	ES3-36	ES3-35	905.13	905.24	-1.57%						7																		3.5		
R3-37	ES3-37	ES3-35	905.39	904.89	0.31%							160																	74.6		
R3-38	STA 158+00, 43.7' RT	ES3-37	905.56	905.49	0.54%						13																		7.2		
TC3-38	UNKNOWN	STA 158+00, 43.7' RT																		86				43					0.0		
R3-39	ES3-39	ES3-37	905.69	905.39	1.25%						24																		8.2		

EXISTING PIPE REMOVAL SCHEDULE

PIPE	UPSTREAM	DOWNSTREAM	UPSTREAM INVERT ELEVATION	DOWNSTREAM INVERT ELEVATION	PIPE SLOPE (%)	PIPE CULVERT REMOVAL	STORM SEWER REMOVAL 4"	STORM SEWER REMOVAL 6"	STORM SEWER REMOVAL 8"	STORM SEWER REMOVAL 10"	STORM SEWER REMOVAL 12"	STORM SEWER REMOVAL 15"	STORM SEWER REMOVAL 18"	STORM SEWER REMOVAL 24"	STORM SEWER REMOVAL 30"	STORM SEWER REMOVAL 36"	STORM SEWER REMOVAL 48"	STORM SEWER REMOVAL 60"	PIPE CULVERTS TO BE CLEANED 60"	TELEVISION INSPECTION OF SEWER	BOX CULVERT REMOVAL	STORM SEWERS TO BE CLEANED 8"	STORM SEWERS TO BE CLEANED 10"	STORM SEWERS TO BE CLEANED 12"	STORM SEWERS TO BE CLEANED 24"	STORM SEWERS TO BE CLEANED 30"	STORM SEWERS TO BE CLEANED 48"	ABANDON AND FILL EXISTING STORM SEWER	TRENCH BACKFILL		
						STRUCTURE NO.	STRUCTURE NO.	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT
R3-39A	ES3-39	ES3-39B	905.79	905.08	0.92%						77																		31.6		
R3-39B	ES3-39B	ES3-58	905.08	903.42	0.93%									179															0.0		
TC3-40	ES3-40	UNKNOWN																		72				36					0.0		
R3-41	ES3-41	ES3-39	908.30	905.69	0.90%						290																		109.3		
R3-41A	ES3-41	STA 161+12, 47.0' RT	908.40	907.53	5.44%						16																		11.3		
TC3-41A	STA 161+12, 47.0' RT	ES3-40	907.53	906.49	5.47%															38				19					15.5		
R3-42	ES3-42	ES3-41	908.87	908.20	6.70%						10																		4.1		
R3-43	ES3-43	ES3-41	909.00	908.30	0.37%						190																		87.4		
R3-44	ES3-44	ES3-43	910.73	909.45	16.00%						8																		2.7		
R3-45	ES3-45	ES3-44	911.32	911.03	0.69%						42																		15.0		
R3-46	ES3-46	ES3-43	909.28	909.15	1.18%						11																		4.9		
R3-47	ES3-47	ES3-46	909.34	909.28	0.55%						11																		4.9		
R3-48	ES3-48	ES3-34	905.02	904.38	10.67%						6																		3.9		
R3-49	ES3-49	ES3-48	905.75	905.07	1.42%						48																		25.6		
R3-50	ES3-50	ES3-35	905.31	905.24	0.58%						12																		6.0		
R3-51	ES3-51	ES3-50	906.39	905.01	2.71%						51																		22.0		
R3-52	ES3-52	ES3-37	905.70	905.14	5.60%						10																		3.8		
R3-53	ES3-53	ES3-52	907.19	905.70	2.66%						56																		12.0		
R3-54	ES3-54	ES3-55A									38																		2773.2		
R3-55	ES3-55	ES3-54	905.12	905.06	0.55%						11																		8.7		
R3-55A	ES3-55A	STA 153+30, 66.7' RT	898.75	898.74	0.23%										5														0.0		
TC3-55A	STA 153+30, 66.7' RT	ES3-55B	898.74	898.24	0.51%															194							97		0.0		
TC3-55B	ES3-55B	STA 153+30, 465.15' RT	898.24	896.71	0.51%																					302			0.0		
R3-55C	STA 153+68, 62.0' RT	ES3-55A	899.80	898.55	3.29%										38														86.3		
R3-56	ES3-56	STA 155+07, 28.00' RT	901.60	901.13	#DIV/0!																							*	0.0		
R3-56A	ES3-56A	ES3-56	902.76	901.60	1.35%									86															123.0		
R3-57	ES3-57	ES3-55A	907.04	905.64	1.63%						86																		49.9		
R3-57A	ES3-57	ES3-56	907.04	901.60	3.07%									177															166.8		
R3-57B	ES3-57B	ES3-56	907.08	901.60	4.89%						112																		110.1		
R3-58	ES3-58	ES3-56A	903.47	902.76	0.72%									99															94.7		
R3-59	ES3-59	ES3-58	904.34	903.42	4.00%						23																		19.8		
R3-60	ES3-60	ES3-59	907.14	906.34	1.57%						51																		18.5		
R3-61	ES3-61	ES3-39B	907.57	905.08	35.57%						7																		2.3		
R3-62	ES3-62	ES3-39B	906.52	905.08	1.17%									123															72.1		
R3-63	ES3-63	ES3-62	910.23	910.21	0.50%						4																		0.0		

* R3-56 IS AN EXISTING 6'X6' CAST-IN-PLACE BOX CULVERT TO BE ABANDONED. BULKHEAD ENDS AND FILL WITH 76 CU YD OF CONTROLLED LOW-STRENGTH MATERIAL (CLSM).

MODEL: Default
FILE: \\miller-prod\ascom-prod\server\lry.com\AECOM_DS21_ILA_202101\Documents\60622011-IL-471900-CAD\1910_CAD\03_SHEETS\Drainage\160X17-sch-Drain-SCH-EX-02.dgn



USER NAME = CookT1	DESIGNED - EU	REVISED -
	DRAWN - EU	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED - EEE	REVISED -
PLOT DATE = 2/7/2025	DATE - 02/06/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY SCHEDULES

SCALE: NONE SHEET 18 OF 65 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	2024-1052-N,C,SW,FL	MCHENRY	941	428
CONTRACT NO. 62X94				
		ILLINOIS	FED. AID PROJECT	

EXISTING PIPE REMOVAL SCHEDULE

PIPE	UPSTREAM	DOWNSTREAM	UPSTREAM INVERT ELEVATION	DOWNSTREAM INVERT ELEVATION	PIPE SLOPE (%)	PIPE CULVERT REMOVAL	STORM SEWER REMOVAL 4"	STORM SEWER REMOVAL 6"	STORM SEWER REMOVAL 8"	STORM SEWER REMOVAL 10"	STORM SEWER REMOVAL 12"	STORM SEWER REMOVAL 15"	STORM SEWER REMOVAL 18"	STORM SEWER REMOVAL 24"	STORM SEWER REMOVAL 30"	STORM SEWER REMOVAL 36"	STORM SEWER REMOVAL 48"	STORM SEWER REMOVAL 60"	PIPE CULVERTS TO BE CLEANED 60"	TELEVISION INSPECTION OF SEWER	BOX CULVERT REMOVAL	STORM SEWERS TO BE CLEANED 8"	STORM SEWERS TO BE CLEANED 10"	STORM SEWERS TO BE CLEANED 12"	STORM SEWERS TO BE CLEANED 24"	STORM SEWERS TO BE CLEANED 30"	STORM SEWERS TO BE CLEANED 48"	ABANDON AND FILL EXISTING STORM SEWER	TRENCH BACKFILL		
						STRUCTURE NO.	STRUCTURE NO.	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT
R3-64	ES3-64	ES3-62	910.84	910.21	2.62%						24																			0.0	
R3-65	ES3-65	ES3-57	906.65	906.24	4.10%						10																			5.7	
TC3-66A	STA 153+78, 68.0' RT	STA 153+49, 144.5' RT	904.71	904.58	0.16%													82	164											19.3	
F3-66B	STA 153+90, 73.5' RT	STA 153+60, 148.5' RT	904.76	904.54	0.27%																							81	81.0		
R3-67	ES3-67	STA 153+76, 72.5' RT	904.71	904.70	0.20%													5												3.4	
R3-70	ES3-72	ES3-70	909.68	909.49	0.44%							43																		0.0	
R3-71	ES3-71	ES3-72	909.94	909.68	0.50%						52																			0.0	
SHEET 3 TOTAL :						0	0	37	35	7	3210	203	205	664	43	0	0	5	82	654	0	0	18	130	0	399	0	134	5318		
EXISTING DRAINAGE AND UTILITY PLANS - SHEET 4																															
R4-01	ES4-01	ES8-02	900.21	899.23	0.78%							125																		0.0	
R4-02	STA 167+82, 55.29' LT	ES4-01	900.63	900.31	0.24%							133																		0.0	
F4-02	ES4-02	STA 167+82, 55.29' LT																										28	0.0		
F4-03	ES4-03	ES4-02																										61	0.0		
R4-04	ES4-04	ES4-03	907.98	907.97	0.04%						26																			0.0	
R4-05	ES4-05	ES4-03	908.58	907.97	0.75%						81																			32.6	
R4-06	ES4-06	ES4-05	909.71	908.58	8.69%						13																			4.6	
F4-07	ES4-07	ES4-05																										98	0.0		
TC4-08	ES4-08	STA 166+20, 57.00' LT																	24				12							0.0	
R4-08	STA 166+20, 57.00' LT	ES4-05	908.72	908.76	-0.20%						20																			11.6	
R4-09	ES4-08	ES4-12	908.72	912.76	-3.04%			133																						38.7	
R4-10	STA 165+75, 62.46' RT	ES4-12	912.41	912.11	0.51%					59																				17.4	
TC4-11	STA 164+79, 80.51' RT	STA 165+04, 54.21' RT																	74					37						0.0	
R4-11	STA 165+04, 54.21' RT	STA 165+08, 50.72' RT	912.41	912.38	0.60%			5																						2.1	
F4-11	STA 165+08, 50.72' RT	ES4-12																										24	0.0		
F4-12	ES4-12	ES4-12A																										59	0.0		
F4-12A	ES4-12A	ES4-07																										10	0.0		
R4-13	ES4-13	ES4-02	900.66	900.75	-0.21%						43																			58.1	
R4-14	ES4-14	ES4-13	906.67	900.91	7.11%						81																			58.6	
R4-15	ES4-15	ES4-14	906.67	901.31	59.56%						9																			5.5	
R4-16	ES4-16	ES4-14	902.10	901.31	0.68%						116																			119.3	
R4-17	ES4-17	ES4-16	905.12	902.15	17.47%						17																			7.0	
R4-18	ES4-18	ES4-19	903.31	901.08	1.78%						125																			35.5	
R4-19	ES4-19	ES4-20	901.08	900.73	3.50%						10																			3.9	
R4-19A	ES4-19A	ES4-19	901.08	897.44	3.53%						103																			67.2	
R4-20	ES4-20	ES4-22	898.63	898.42	0.44%						48																			34.9	

MODEL: Default
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY SCHEDULES

SCALE: NONE SHEET 19 OF 65 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	2024-1052-N,C,SW,FL	MCHENRY	941	429
CONTRACT NO. 62X94				
		ILLINOIS	FED. AID PROJECT	

EXISTING PIPE REMOVAL SCHEDULE

PIPE	UPSTREAM	DOWNSTREAM	UPSTREAM INVERT ELEVATION	DOWNSTREAM INVERT ELEVATION	PIPE SLOPE (%)	PIPE CULVERT REMOVAL	STORM SEWER REMOVAL 4"	STORM SEWER REMOVAL 6"	STORM SEWER REMOVAL 8"	STORM SEWER REMOVAL 10"	STORM SEWER REMOVAL 12"	STORM SEWER REMOVAL 15"	STORM SEWER REMOVAL 18"	STORM SEWER REMOVAL 24"	STORM SEWER REMOVAL 30"	STORM SEWER REMOVAL 36"	STORM SEWER REMOVAL 48"	STORM SEWER REMOVAL 60"	PIPE CULVERTS TO BE CLEANED 60"	TELEVISION INSPECTION OF SEWER	BOX CULVERT REMOVAL	STORM SEWERS TO BE CLEANED 8"	STORM SEWERS TO BE CLEANED 10"	STORM SEWERS TO BE CLEANED 12"	STORM SEWERS TO BE CLEANED 24"	STORM SEWERS TO BE CLEANED 30"	STORM SEWERS TO BE CLEANED 48"	ABANDON AND FILL EXISTING STORM SEWER	TRENCH BACKFILL
	STRUCTURE NO.	STRUCTURE NO.				FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	CU YD
R4-20A	STA 172+47, 67.36' LT	ES4-20	900.85	900.73	0.52%						23																		13.9
R4-23	ES4-23	ES4-24	897.15	896.88	2.45%						11																		3.4
R4-24	ES4-24	ES4-25	896.88	895.01	2.08%						90																		23.1
R4-25	ES4-25	ES4-28	895.01	893.00	2.09%						96																		9.2
R4-26	ES4-26	ES4-25	895.06	895.01	0.56%						9																		1.5
R4-27	ES4-27	ES4-28	891.92	893.00	-9.00%						12																		1.6
R4-28	STA 177+36, 41.97' RT	STA 177+88, 40.94' RT	890.75	889.52	2.41%						51																		26.0
R4-29	ES4-29	ES4-30	896.98	891.73	35.00%						15																		0.0
R4-29A	ES4-29A	ES4-30	892.48	892.03	5.63%						8																		0.9
R4-30	ES4-30	ES4-31	891.73	885.28	2.47%						261																		43.7
R4-31	ES4-31	ES4-38	885.08	882.13	1.08%							273																	80.1
R4-32	ES4-32	ES4-31	885.32	885.28	0.50%						8																		1.1
R4-33	ES4-33	ES4-32	885.52	885.32	0.51%						39																		5.3
R4-34	STA 179+47, 43.09' RT	STA 179+96, 41.58' RT	887.65	886.82	1.69%						49																		0.0
R4-35	STA 180+57, 42.86' RT	STA 181+14, 41.51' RT	885.30	885.45	-0.26%						58																		8.3
R4-36	ES4-34	ES4-35	886.76	886.65	0.22%							49																	0.0
R4-37	ES4-37	ES4-38	882.38	882.13	2.08%						12																		5.1
R4-38	ES4-38	ES4-39	882.13	884.68	-5.00%							51																	22.8
R4-39	ES4-39	ES4-40	884.78	884.64	0.52%							27																	7.2
R4-41	ES4-41	ES4-40	880.05	879.89	0.50%										32														41.3
R4-41A	ES4-41	ES4-42	882.18	881.98	0.51%							39																	17.4
R4-43	ES4-43	ES4-42	881.94	882.13	-0.63%						30																		12.5
R4-44	ES4-44	ES4-45	880.56	879.72	7.64%							11																	9.2
R4-46	STA 183+17, 35.92' RT	ES9-03	878.62	877.71	0.36%										256														348.1
R4-47	ES4-47	ES4-42	883.40	882.08	4.40%						30																		13.5
R4-48	ES4-48	STA 183+96, 60.76' RT	883.06	882.92	0.50%						28																		3.0
R4-49	ES4-49	ES4-51	884.01	883.42	0.50%							119																	23.4
R4-49A	ES4-49A	ES4-49	884.12	884.01	0.30%							37																	2.6
R4-49B	ES4-49B	ES4-49A	884.64	884.12	4.00%							13																	0.4
R4-50	ES4-50	ES4-51	883.57	883.42	0.50%						30																		9.5
R4-52	ES4-52	ES4-51	883.53	883.42	0.68%						22																		7.8
R4-53	ES4-53	ES4-54	883.32	880.95	4.47%						53																		34.0
R4-54	ES4-54	STA 183+55, 73.30' LT	880.95	880.82	0.50%						26																		22.2
R4-55	ES4-55	ES4-56	882.50	883.69	-10.82%						11																		4.7
R4-56	ES4-56	ES4-57	883.69	882.30	3.97%						35																		16.0

MODEL: Default
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USER NAME = CookT1	DESIGNED - EU	REVISED -
	DRAWN - EU	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED - EEE	REVISED -
PLOT DATE = 2/7/2025	DATE - 02/06/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY SCHEDULES

SCALE: NONE SHEET 20 OF 65 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	2024-1052-N,C,SW,FL	MCHENRY	941	430
CONTRACT NO. 62X94				
		ILLINOIS	FED. AID PROJECT	

EXISTING PIPE REMOVAL SCHEDULE

PIPE	UPSTREAM	DOWNSTREAM	UPSTREAM INVERT ELEVATION	DOWNSTREAM INVERT ELEVATION	PIPE SLOPE (%)	PIPE CULVERT REMOVAL	STORM SEWER REMOVAL 4"	STORM SEWER REMOVAL 6"	STORM SEWER REMOVAL 8"	STORM SEWER REMOVAL 10"	STORM SEWER REMOVAL 12"	STORM SEWER REMOVAL 15"	STORM SEWER REMOVAL 18"	STORM SEWER REMOVAL 24"	STORM SEWER REMOVAL 30"	STORM SEWER REMOVAL 36"	STORM SEWER REMOVAL 48"	STORM SEWER REMOVAL 60"	PIPE CULVERTS TO BE CLEANED 60"	TELEVISION INSPECTION OF SEWER	BOX CULVERT REMOVAL	STORM SEWERS TO BE CLEANED 8"	STORM SEWERS TO BE CLEANED 10"	STORM SEWERS TO BE CLEANED 12"	STORM SEWERS TO BE CLEANED 24"	STORM SEWERS TO BE CLEANED 30"	STORM SEWERS TO BE CLEANED 48"	ABANDON AND FILL EXISTING STORM SEWER	TRENCH BACKFILL			
	STRUCTURE NO.	STRUCTURE NO.				FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	CU YD
R4-57	ES4-57	ES4-58	882.20	882.12	0.47%						17																			9.5		
R4-59	ES4-59	ES4-57	883.92	883.70	1.22%			18																						5.1		
R4-60	ES4-60	ES4-61	882.70	882.22	2.09%						23																			13.8		
F4-61	ES4-61	ES4-62																										162	0.0			
R4-62	ES4-62	ES4-63	881.07	880.97	0.50%						20																			12.3		
TC4-63	ES4-63	STA 186+16, 5.84' RT																		108								54	0.0			
R4-63	STA 186+16, 5.84' RT	STA 186+10, 10.97' RT	878.05	877.97	1.00%												8													10.2		
TC4-63A	STA 186+10, 10.97' RT	ES4-67																		84								42	0.0			
R4-64	ES4-64	ES4-63	878.65	878.59	0.50%						12																			12.4		
R4-65	ES4-65	ES4-63	884.14	878.59	13.87%						40																			25.9		
F4-66	ES4-66	ES4-67																										57	0.0			
TC4-67	ES4-67	STA 185+21, 91.15' RT																		158								79	0.0			
R4-67	STA 185+21, 91.15' RT	ES9-03	877.05	875.51	1.00%												154													341.8		
R4-68	ES4-68	ES4-67	879.26	878.84	0.46%								92																	85.8		
R4-69	ES4-69	ES4-68	886.56	886.49	0.50%						14																			0.0		
R4-70	ES4-70	ES4-68	880.47	879.21	1.43%								88																	78.6		
R4-71	ES4-71	ES4-70	882.37	880.47	27.14%						7																			4.3		
R4-72	ES4-72	ES4-71	882.57	882.37	0.51%						39																			23.1		
R4-73	ES4-73	ES4-70	881.01	880.47	0.25%								219																	204.9		
R4-74	ES4-74	ES4-73	885.32	883.36	7.84%						25																			11.8		
R4-75	ES4-75	ES4-74	886.01	885.47	1.38%						39																			10.3		
SHEET 4 TOTAL :						0	0	156	0	59	1935	877	399	0	0	32	418	0	0	448	0	0	12	37	0	0	175	499	2166			
EXISTING DRAINAGE AND UTILITY PLANS - SHEET 5																																
R5-01	ES5-01	ES5-45	892.87	890.70	1.68%								129																	68.1		
R5-02	ES5-02	ES5-01	893.81	893.07	1.51%				49																					18.5		
R5-03	ES5-03	ES5-02	894.03	893.81	1.38%						16																			3.1		
R5-04	ES5-04	ES5-01	893.24	893.12	1.00%						12																			2.6		
R5-05	ES5-05	ES5-04	893.35	893.24	0.27%						41																			8.9		
R5-06	ES5-06	ES5-05	893.55	893.35	0.51%						39																			6.7		
R5-07	ES5-07	ES5-01	893.16	892.97	0.21%						91																			25.3		
R5-08	ES5-08	ES5-07	894.42	893.41	4.21%					24																				4.8		
R5-09	ES5-09	ES5-07	893.66	893.16	2.78%						18																			4.6		
R5-10	ES5-10	ES5-01	895.69	892.97	1.41%						193																			41.9		
R5-11	ES5-11	ES5-10	895.89	895.69	2.00%						10																			2.1		
R5-11A	ES5-11A	ES5-11B	893.66	892.24	2.03%					70																				37.6		

MODEL: Default
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USER NAME = CookT1	DESIGNED - EU	REVISED -
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PLOT DATE = 2/7/2025	DATE - 02/06/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY SCHEDULES

SCALE: NONE SHEET 21 OF 65 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	2024-1052-N,C,SW,FL	MCHENRY	941	431
CONTRACT NO. 62X94				
		ILLINOIS	FED. AID PROJECT	

EXISTING PIPE REMOVAL SCHEDULE

PIPE	UPSTREAM	DOWNSTREAM	UPSTREAM INVERT ELEVATION	DOWNSTREAM INVERT ELEVATION	PIPE SLOPE (%)	PIPE CULVERT REMOVAL	STORM SEWER REMOVAL 4"	STORM SEWER REMOVAL 6"	STORM SEWER REMOVAL 8"	STORM SEWER REMOVAL 10"	STORM SEWER REMOVAL 12"	STORM SEWER REMOVAL 15"	STORM SEWER REMOVAL 18"	STORM SEWER REMOVAL 24"	STORM SEWER REMOVAL 30"	STORM SEWER REMOVAL 36"	STORM SEWER REMOVAL 48"	STORM SEWER REMOVAL 60"	PIPE CULVERTS TO BE CLEANED 60"	TELEVISION INSPECTION OF SEWER	BOX CULVERT REMOVAL	STORM SEWERS TO BE CLEANED 8"	STORM SEWERS TO BE CLEANED 10"	STORM SEWERS TO BE CLEANED 12"	STORM SEWERS TO BE CLEANED 24"	STORM SEWERS TO BE CLEANED 30"	STORM SEWERS TO BE CLEANED 48"	ABANDON AND FILL EXISTING STORM SEWER	TRENCH BACKFILL
	STRUCTURE NO.	STRUCTURE NO.				FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	CU YD
R5-12	ES5-12	ES4-73	892.97	881.16	4.63%						255																		147.2
R5-13	ES5-13	ES5-12	895.38	892.97	24.10%						10																		0.6
R5-14	ES5-14	ES5-13	895.58	895.38	0.51%						39																		0.0
R5-15	ES5-15	ES10-10	889.51	888.89	0.73%											85													137.6
R5-16	ES5-16	ES5-15	889.81	889.51	0.88%								34																37.5
R5-17	ES5-17	ES5-16	890.14	889.81	0.97%						34																		34.4
R5-18	ES5-18	ES5-17	890.41	890.29	0.18%											65													82.8
R5-19	ES5-19	ES5-18	890.71	890.51	0.10%											203													224.7
R5-20	ES5-20	ES5-19	891.59	890.71	14.67%						6																		4.2
R5-21	ES5-21	ES5-20	891.93	891.59	0.85%						40																		24.2
R5-22	ES5-22	ES5-19	891.75	890.71	0.96%											108													76.9
R5-23	ES5-23	ES5-22	891.46	891.75	-4.83%						6																		3.0
R5-24	ES5-24	ES5-22	891.86	891.75	1.10%											10													4.7
R5-25	ES5-25	ES5-24	891.74	891.86	-1.71%						7																		3.3
R5-26	ES5-26	ES5-25	892.37	892.64	-0.69%						39																		14.2
R5-27	ES5-27	ES5-26	892.69	892.62	0.50%						14																		4.7
R5-28	ES5-28	ES5-24	891.57	891.86	-0.55%											53													26.9
R5-29	ES5-29	ES5-28	891.09	891.57	-8.00%						6																		3.4
R5-30	ES5-30	ES5-29	893.31	891.09	5.55%						40																		17.4
R5-31	ES5-31	ES5-28	892.14	891.57	0.63%											91													79.8
R5-32	ES5-32	ES5-31	892.22	892.14	1.60%						5																		2.9
R5-33	ES5-33	ES5-32	892.37	892.37	0.00%						40																		22.2
R5-34	ES5-34	ES5-32	893.67	893.84	-0.09%						181																		159.0
R5-35	ES5-35	ES5-34	900.00	897.87	11.21%						19																		8.3
R5-36	ES5-36	ES5-34	892.95	893.67	-1.11%						65																		67.7
R5-37	ES5-37	ES5-15	889.55	889.51	0.50%						8																		7.7
R5-38	ES5-38	ES5-17	894.69	892.74	17.73%						11																		4.8
R5-39	ES5-39	ES5-17	894.68	890.14	5.97%						76																		47.1
R5-40	ES5-40	ES5-15	889.78	889.51	2.45%											11													13.0
R5-41	ES5-41	ES5-40	890.06	889.78	0.47%											60													68.3
R5-42	ES5-42	ES5-41	893.65	889.91	26.71%						14																		8.8
R5-43	ES5-43	ES5-41	890.01	889.91	0.31%											32													38.6
R5-44	ES5-44	ES5-43	898.11	893.06	36.07%						14																		0.8
R5-45	ES5-45	ES5-43	890.60	889.96	0.77%								83																77.0
R5-46	ES5-46	ES5-45	893.27	892.40	5.80%						15																		6.4

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USER NAME = CookT1	DESIGNED - EU	REVISED -
	DRAWN - EU	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED - EEE	REVISED -
PLOT DATE = 2/7/2025	DATE - 02/06/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY SCHEDULES

SCALE: NONE SHEET 22 OF 65 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	2024-1052-N,C,SW,FL	MCHENRY	941	432
CONTRACT NO. 62X94				
		ILLINOIS	FED. AID PROJECT	

EXISTING PIPE REMOVAL SCHEDULE

PIPE	UPSTREAM	DOWNSTREAM	UPSTREAM INVERT ELEVATION	DOWNSTREAM INVERT ELEVATION	PIPE SLOPE (%)	PIPE CULVERT REMOVAL	STORM SEWER REMOVAL 4"	STORM SEWER REMOVAL 6"	STORM SEWER REMOVAL 8"	STORM SEWER REMOVAL 10"	STORM SEWER REMOVAL 12"	STORM SEWER REMOVAL 15"	STORM SEWER REMOVAL 18"	STORM SEWER REMOVAL 24"	STORM SEWER REMOVAL 30"	STORM SEWER REMOVAL 36"	STORM SEWER REMOVAL 48"	STORM SEWER REMOVAL 60"	PIPE CULVERTS TO BE CLEANED 60"	TELEVISION INSPECTION OF SEWER	BOX CULVERT REMOVAL	STORM SEWERS TO BE CLEANED 8"	STORM SEWERS TO BE CLEANED 10"	STORM SEWERS TO BE CLEANED 12"	STORM SEWERS TO BE CLEANED 24"	STORM SEWERS TO BE CLEANED 30"	STORM SEWERS TO BE CLEANED 48"	ABANDON AND FILL EXISTING STORM SEWER	TRENCH BACKFILL
	STRUCTURE NO.	STRUCTURE NO.				FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	CU YD
R5-47	ES5-47	ES5-46	893.19	893.17	0.04%						48																		17.9
R5-48	ES5-48	ES5-43	888.92	888.71	0.51%											41													58.2
R5-49	ES5-49	ES5-48	894.60	894.48	0.48%			25																					2.9
R5-50	ES5-50	ES5-49	894.11	893.95	0.52%				31																				8.9
R5-50A	ES5-50	ES10-02	896.11	894.93	0.50%												236												0.0
R5-51	ES5-51	ES5-50	895.43	894.11	4.12%						32																		1.1
R5-52	ES5-52	ES5-51	895.49	895.43	0.50%						12																		0.0
R5-53	ES5-53	ES5-49	894.19	891.20	16.61%						18																		9.6
R5-54	ES5-54	ES5-49	891.41	894.20	-5.81%						48																		24.3
SHEET 5 TOTAL :						0	0	25	80	94	1522	0	246	0	0	759	236	0	0	0	0	0	0	0	0	0	0	0	1808
EXISTING DRAINAGE AND UTILITY PLANS - SHEET 6																													
R6-01	ES6-01	ES2-67	925.89	925.52	0.34%							109																	17.0
R6-02	ES6-02	ES6-01	926.08	925.89	0.79%						24																		0.0
R6-03	ES6-03	ES6-02	927.61	926.08	0.96%						159																		0.0
R6-04	ES6-04	ES6-01	926.56	926.04	1.04%						50																		3.9
R6-05	ES6-05	STA 174+74 , 26.33' RT	930.72	930.36	0.50%	72																							0.0
R6-06	ES6-06	ES2-78	927.33	925.20	6.09%						35																		23.2
SHEET 6 TOTAL :						72	0	0	0	0	268	109	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	45
EXISTING DRAINAGE AND UTILITY PLANS - SHEET 7																													
R7-01	ES7-01	ES2-77	929.29	929.00	0.50%						58																		10.7
R7-02	ES7-02	ES2-76	928.07	926.98	0.64%							169																	120.1
R7-03	ES7-03	ES7-02	931.65	932.67	-11.33%							9																	3.0
R7-04	ES7-04	ES7-02	933.64	933.27	5.29%						7																		0.7
R7-05	ES7-05	ES7-04	934.08	933.64	0.77%						57																		8.2
R7-06	ES7-06	ES7-02	936.06	931.65	3.11%						142																		69.5
SHEET 7 TOTAL :						0	0	0	0	0	264	178	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	212
EXISTING DRAINAGE AND UTILITY PLANS - SHEET 8																													
R8-03	ES8-03	ES8-02	907.64	907.28	1.29%						28																		7.8
R8-04	ES8-04	ES8-02	906.85	906.83	0.22%						9																		3.4
R8-06	ES8-06	ES8-05	909.76	908.87	2.34%						38																		4.8
R8-08	ES8-08	ES8-07	909.73	908.87	3.31%						26																		2.7
SHEET 8 TOTAL :						0	0	0	0	0	101	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19
EXISTING DRAINAGE AND UTILITY PLANS - SHEET 9																													
R9-01	STA 201+39, 17.18' LT	ES4-43	882.14	881.99	0.50%						30																		11.6
R9-02	STA 201+65, 7.88' RT	ES9-02	878.20	875.85	2.04%											115													137.6

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USER NAME = CookT1	DESIGNED - EU	REVISED -
	DRAWN - EU	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED - EEE	REVISED -
PLOT DATE = 2/7/2025	DATE - 02/06/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY SCHEDULES

SCALE: NONE SHEET 23 OF 65 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	2024-1052-N,C,SW,FL	MCHENRY	941	433
CONTRACT NO. 62X94				
		ILLINOIS	FED. AID PROJECT	

EXISTING PIPE REMOVAL SCHEDULE

PIPE	UPSTREAM	DOWNSTREAM	UPSTREAM INVERT ELEVATION	DOWNSTREAM INVERT ELEVATION	PIPE SLOPE (%)	PIPE CULVERT REMOVAL	STORM SEWER REMOVAL 4"	STORM SEWER REMOVAL 6"	STORM SEWER REMOVAL 8"	STORM SEWER REMOVAL 10"	STORM SEWER REMOVAL 12"	STORM SEWER REMOVAL 15"	STORM SEWER REMOVAL 18"	STORM SEWER REMOVAL 24"	STORM SEWER REMOVAL 30"	STORM SEWER REMOVAL 36"	STORM SEWER REMOVAL 48"	STORM SEWER REMOVAL 60"	PIPE CULVERTS TO BE CLEANED 60"	TELEVISION INSPECTION OF SEWER	BOX CULVERT REMOVAL	STORM SEWERS TO BE CLEANED 8"	STORM SEWERS TO BE CLEANED 10"	STORM SEWERS TO BE CLEANED 12"	STORM SEWERS TO BE CLEANED 24"	STORM SEWERS TO BE CLEANED 30"	STORM SEWERS TO BE CLEANED 48"	ABANDON AND FILL EXISTING STORM SEWER	TRENCH BACKFILL			
	STRUCTURE NO.	STRUCTURE NO.				FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	CU YD
R9-03	ES9-03	ES9-02	876.01	875.85	0.48%													33												67.8		
SHEET 9 TOTAL :						0	0	0	0	0	30	0	0	0	0	115	0	33	0	0	0	0	0	0	0	0	0	0	0	217		
EXISTING DRAINAGE AND UTILITY PLANS - SHEET 10																																
R10-02	ES10-02	ES10-01	894.93	890.90	2.03%												199													329.3		
R10-03	ES10-03	ES10-02	896.74	895.13	4.47%						36																			9.3		
R10-04	ES10-04	STA 72+43, 23.29' LT	887.57	887.06	0.60%											85														0.0		
R10-05	ES10-05	ES10-04	894.66	894.62	0.50%						8																			4.1		
R10-06	ES10-06	ES10-05	896.12	894.86	18.00%						7																			2.3		
R10-07	ES10-07	ES10-05	895.44	894.86	1.32%						44																			11.7		
R10-08	ES10-08	ES10-07	896.35	895.54	8.10%						10																			1.2		
R10-09	ES10-09	ES10-10	895.83	895.34	1.23%						40																			0.0		
R10-10	ES10-10	ES10-11	895.04	894.99	0.45%						11																			2.2		
R10-11	ES10-11	ES10-04	888.79	887.57	0.48%											254														0.0		
SHEET 10 TOTAL :						0	0	0	0	0	156	0	0	0	0	339	199	0	0	0	0	0	0	0	0	0	0	0	0	360		
TOTALS						541	37	218	164	259	9896	2407	1999	2855	60	1245	853	38	82	1180	69	12	30	269	92	399	175	1267	13473			

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USER NAME = CookT1	DESIGNED - EU	REVISED -
	DRAWN - EU	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED - EEY	REVISED -
PLOT DATE = 2/7/2025	DATE - 02/06/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY SCHEDULES		
SCALE: NONE	SHEET 24 OF 65 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	2024-1052-N,C,SW,FL	MCHENRY	941	434
			CONTRACT NO. 62X94	
		ILLINOIS	FED. AID PROJECT	

TEMPORARY DRAINAGE STRUCTURE SCHEDULE

STRUCTURE	STATION	OFFSET	OFFSET LOCATION (EDGE OF PAVEMENT / FLOW LINE / CENTER OF STRUCTURE)		BASELINE	CONSTRUCTION PHASE TO INSTALL STRUCTURE	CONSTRUCTION PHASE TO ADJUST STRUCTURE TO FINAL CONF IGURATION	TEMPORARY RIM (ELEV)	PROPOSED RIM (ELEV)	N INVERT (ELEV)	W INVERT (ELEV)	E INVERT (ELEV)	S INVERT (ELEV)	NE INVERT (ELEV)	NW INVERT (ELEV)	SE INVERT (ELEV)	SW INVERT (ELEV)	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 12' FRAME AND GRATE	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24' FRAME AND GRATE	CATCH BASINS, TYPE C, TYPE 8 GRATE	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 9'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 6'-DIAMETER, WITH 2 TYPE 1 FRAME , CLOSED LID, RESTRICTOR PLATE	MANHOLES, TYPE A, 8'-DIAMETER, WITH 2 TYPE 1 FRAMES , CLOSED LID, RESTRICTOR PLATE			
									FT	FT	FT	FT	FT	FT	FT	FT	FT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH		
TEMPORARY DRAINAGE PLANS - SHEET 1																																	
SHEET 1 TOTAL :																		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TEMPORARY DRAINAGE PLANS - SHEET 2																																	
TS2-01	102+05.79	44.60'	LT	COS	PR IL ROUTE 47	A		948.40			944.37							1															
TS2-02	103+00.31	37.62'	LT	COS	PR IL ROUTE 47	A		948.29							943.47			1															
TS2-03	105+05.19	35.07'	LT	COS	PR IL ROUTE 47	A		946.49									942.27	1															
TS2-04	115+29.89	32.89'	LT	COS	PR IL ROUTE 47	A		936.52								933.63		1															
TS2-05	113+91.28	27.00'	RT	COS	PR IL ROUTE 47	A		936.41		929.84	933.34		929.86												1								
SHEET 2 TOTAL :																		4	0	0	0	0	0	1	0	0	0	0	0				
TEMPORARY DRAINAGE PLANS - SHEET 3																																	
TS3-01	118+85.66	32.90'	LT	COS	PR IL ROUTE 47	A		934.80		930.52								1															
TS3-02	118+94.31	32.99'	LT	COS	PR IL ROUTE 47	A		934.80		930.37			930.47					1															
TS3-03	119+02.14	33.00'	LT	COS	PR IL ROUTE 47	A		934.79			930.13		930.34					1															
TS3-04	120+10.14	29.21'	RT	COS	PR IL ROUTE 47	A		934.86		923.91	928.19		923.93												1								
TS3-05	118+92.00	19.75'	RT	COS	PR IL ROUTE 47	A		934.86								930.33		1															
TS3-06	123+22.72	27.75'	RT	COS	PR IL ROUTE 47	A		936.70		923.99			924.02				927.33									1							
TS3-07	124+75.35	28.10'	RT	COS	PR IL ROUTE 47	A		931.96		923.46			923.48				926.63									1							
TS4-01	128+91.13	57.74'	LT	COS	PR IL ROUTE 47	A		929.83		925.83								1															
TS4-02	128+99.15	59.40'	LT	COS	PR IL ROUTE 47	A		929.77		925.69			925.79					1															
TS4-03	129+07.04	60.87'	LT	COS	PR IL ROUTE 47	A		929.71				925.55	925.65					1															
TS4-07	137+32.74	26.20'	LT	COS	PR IL ROUTE 47	A		925.34						922.22		922.22		1															
TS4-08	137+51.09	26.46'	LT	COS	PR IL ROUTE 47	A		925.25						922.45			922.45	1															
TS4-09	137+68.82	27.40'	LT	COS	PR IL ROUTE 47	A		925.15									922.65	1															
TS4-10	182+46.40	31.08'	RT	COS	PR LAKE DR	A		937.76						933.68				1															
TS4-11	180+20.73	32.34'	RT	COS	PR LAKE DR	A		932.11						928.06				1															
TS4-13	131+11.11	39.26'	RT	COS	PR IL ROUTE 47	A		930.35				925.67	925.67										1										
TS4-15	132+69.49	19.43'	RT	COS	PR IL ROUTE 47	A		928.87				924.71						1															
TS4-17	180+50.10	37.67'	LT	COS	PR LAKE DR	A		932.59		927.69							927.69						1										
TS4-18	180+54.25	26.04'	LT	COS	PR LAKE DR	A		933.07						927.77				1															
SHEET 3 TOTAL :																		14	0	0	0	0	2	0	3	0	0	0	0				
TEMPORARY DRAINAGE PLANS - SHEET 4																																	
TS5-01	150+72.02	29.34	LT	COS	PR IL ROUTE 47	A		914.70					910.80					1															
TS5-02	149+95.49	25.34'	LT	COS	PR IL ROUTE 47	A		915.59			911.30		911.30					1															
TS5-03	149+20.24	22.92'	LT	COS	PR IL ROUTE 47	A		916.49		912.00			912.00					1															
TS5-04	148+36.51	22.00'	LT	COS	PR IL ROUTE 47	A		917.53		912.80								1															
TS5-10	140+95.61	31.76'	LT	COS	PR IL ROUTE 47	A		923.76				920.10						1															

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USER NAME = CookT1
PLOT SCALE = 100,0000 ' / in.
PLOT DATE = 2/11/2025

DESIGNED - EU
DRAWN - EU
CHECKED - EEE
DATE - 02/06/2025

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY SCHEDULES

SCALE: NONE SHEET 25 OF 65 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	2024-1052-N,C,SW,FL	MCHENRY	941	435
CONTRACT NO. 62X94				
		ILLINOIS	FED. AID PROJECT	

TEMPORARY DRAINAGE STRUCTURE SCHEDULE

STRUCTURE	STATION	OFFSET		OFFSET LOCATION (EDGE OF PAVEMENT / FLOW LINE / CENTER OF STRUCTURE)		BASELINE	CONSTRUCTION PHASE TO INSTALL STRUCTURE	CONSTRUCTION PHASE TO ADJUST STRUCTURE TO FINAL CONF IGURATION	TEMPORARY RIM (ELEV)	PROPOSED RIM (ELEV)	N INVERT (ELEV)	W INVERT (ELEV)	E INVERT (ELEV)	S INVERT (ELEV)	NE INVERT (ELEV)	NW INVERT (ELEV)	SE INVERT (ELEV)	SW INVERT (ELEV)	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 12' FRAME AND GRATE	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24' FRAME AND GRATE	CATCH BASINS, TYPE C, TYPE 8 GRATE	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 9'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 6'-DIAMETER, WITH 2 TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	MANHOLES, TYPE A, 8'-DIAMETER, WITH 2 TYPE 1 FRAMES, CLOSED LID, RESTRICTOR PLATE
									FT	FT	FT	FT	FT	FT	FT	FT	FT	FT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH
TS6-01	161+75.52	30.65'	LT	COS	PR IL ROUTE 47	A			914.02			910.10		910.10					1												
TS6-02	160+92.96	30.55'	LT	COS	PR IL ROUTE 47	A			913.55		910.70								1												
TS6-03	156+06.23	26.97'	RT	COS	PR IL ROUTE 47	A			914.02								905.70						1								
SHEET 4 TOTAL :																			7	0	0	0	0	1	0	0	0	0	0	0	0
TEMPORARY DRAINAGE PLANS - SHEET 5																															
TS8-01	190+00.14	23.60'	LT	COS	PR IL ROUTE 47	A			891.08						885.10				1												
TS8-02	188+60.63	23.72'	LT	COS	PR IL ROUTE 47	A			888.34								885.80		1												
TS8-03	187+03.23	23.94'	LT	COS	PR IL ROUTE 47	A			887.02							884.60	884.60		1												
TS8-04	184+51.83	42.52'	LT	COS	PR IL ROUTE 47	A			887.2						881.10		881.10		1												
TS8-05	183+21.17	50.71'	LT	COS	PR IL ROUTE 47	A			886.37							882.40			1												
SHEET 5 TOTAL :																			5	0	0	0	0	0	0	0	0	0	0	0	0
TEMPORARY DRAINAGE PLANS - SHEET 6																															
TS9-01	196+49.47	25.15'	LT	COS	PR IL ROUTE 47	A			889.92			894.95							1												
TS9-02	192+99.71	25.09'	LT	COS	PR IL ROUTE 47	A			900.63									886.65	1												
TS9-03	191+49.73	20.92'	LT	COS	PR IL ROUTE 47	A			895.72									885.90	1												
TS10-01	201+98.71	17.16'	RT	COS	PR IL ROUTE 47	A			898.26				891.20						1												
TS10-02	205+71.06	28.23'	RT	COS	PR IL ROUTE 47	A			896.31						890.85	890.85	890.85	890.85	1												
TS10-03	205+63.09	28.11'	RT	COS	PR IL ROUTE 47	A			896.35						892.95				1												
TS10-04	205+77.84	28.22'	RT	COS	PR IL ROUTE 47	A			896.32		890.90							890.90	1												
TS10-05	209+19.41	29.49'	RT	COS	PR IL ROUTE 47	A			902.73							895.10			1												
SHEET 6 TOTAL :																			8	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS:																			38	0	0	0	0	3	1	3	0	0	0	0	0

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USER NAME = CookT1	DESIGNED - EU	REVISED -
	DRAWN - EU	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED - EEE	REVISED -
PLOT DATE = 2/11/2025	DATE - 02/06/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY SCHEDULES

SCALE: NONE SHEET 26 OF 65 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	2024-1052-N,C,SW,FL	MCHENRY	941	436
CONTRACT NO. 62X94				
		ILLINOIS	FED. AID PROJECT	

TEMPORARY STORM SEWER PIPE SCHEDULE

PIPE	UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE	UPSTREAM INVERT ELEVATION	DOWNSTREAM INVERT ELEVATION	PIPE SLOPE (%)	STORM SEWERS, CLASS A, TYPE 2			TRENCH BACKFILL
						12 "	15 "	36 "	
						FOOT	FOOT	FOOT	CU YD
TEMPORARY DRAINAGE PLANS - SHEET 1									
SHEET 1 TOTAL :						0	0	0	
TEMPORARY DRAINAGE PLANS - SHEET 2									
TP2-01	TS2-01	S2-41	944.37	944.29	0.93%	8			4
TP2-02	TS2-02	S2-39	943.47	943.42	0.92%	6			3
TP2-03	TS2-03	S2-35	942.27	942.20	1.00%	7			3
TP2-04	TS2-04	EX-S-1011	933.63	933.50	1.03%	13			3
TP2-05	EX-S-1227	S2-44	935.59	935.45	1.00%	14			3
TP2-06	EX-S-31478	S2-17	935.29	935.21	1.00%	8			3
TP2-07	EX-S-1008	TS2-05	933.53	933.34	4.94%		4		2
TP2-08	EX-S-1223	S2-02	932.86	931.76	13.75%	8			4
TP2-09	TS2-05	S2-05	929.84	929.81	0.75%			4	4
SHEET 2 TOTAL :						64	4	4	29
TEMPORARY DRAINAGE PLANS - SHEET 3									
TP3-01	TS3-01	TS3-02	930.52	930.47	0.94%	5			3
TP3-02	TS3-02	TS3-03	930.37	930.34	0.95%	4			2
TP3-03	TS3-03	S3-24	930.13	930.07	0.86%	7			3
TP3-04	EX-S-1221	S3-11	932.30	932.24	1.90%	3			1
TP3-05	TS3-05	S3-08	930.33	930.27	0.97%	6			3
TP3-06	EX-S-1209	TS3-06	927.79	927.33	7.67%	6			6
TP3-07	EX-S-1207	TS3-07	927.51	926.63	#REF !				0
TP3-08	EX-S-1204	S3-02	927.56	927.40	3.20%	5			2
TP3-09	EX-S-1200	S3-01	928.07	927.92	2.92%	5			1
TP3-10	EX-S-1214	TS3-04	929.01	928.19	16.40%	5			4
TP3-11	EX-S-1211	S3-06	928.82	927.75	26.75%	4			3
TP4-01	TS4-01	TS4-02	925.83	925.79	0.86%	5			2
TP4-02	TS4-02	TS4-03	925.69	925.65	1.05%	4			2
TP4-03	TS4-03	S4-25	925.55	925.51	0.90%	4			2
TP4-07	TS4-07	S4-02	922.22	921.88	1.17%	29			8
TP4-08	TS4-08	TS4-07	922.45	922.22	1.53%	15			4
TP4-09	TS4-09	TS4-08	922.65	922.45	1.43%	14			3
TP4-10	TS4-10	S13-04	933.68	933.59	1.00%	9			4
TP4-11	TS4-11	S4-58	928.06	927.89	1.08%	15			7
TP4-12	EX-S-1196	S4-10	928.27	928.09	0.99%	18			1
TP4-13	TS4-13	S4-08	925.67	925.58	0.99%	9			5
TP4-14	EX-S-1034584	TS4-13	925.83	925.67	0.96%	17			8
TP4-15	TS4-15	S4-06	924.71	924.59	0.97%	12			5

TEMPORARY STORM SEWER PIPE SCHEDULE

PIPE	UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE	UPSTREAM INVERT ELEVATION	DOWNSTREAM INVERT ELEVATION	PIPE SLOPE (%)	STORM SEWERS, CLASS A, TYPE 2			TRENCH BACKFILL
						12"	15"	36"	
						FOOT	FOOT	FOOT	CU YD
TP4-17	TS4-17	S4-57	927.69	927.39	1.00%		30		15
TP4-18	TS4-18	TS4-17	927.77	927.69	0.91%	9			5
SHEET 3 TOTAL :						210	30	0	99
TEMPORARY DRAINAGE PLANS - SHEET 4									
TP5-00	EX-S5-03	S5-23	914.49	914.29	1.67%		12		10
TP5-01	TS5-01	S5-14	910.80	910.60	2.22%	9			4
TP5-02	TS5-02	S5-43	911.30	911.16	3.80%	4			2
TP5-03	TS5-03	TS5-02	912.00	911.30	1.00%	70			31
TP5-04	TS5-04	TS5-03	912.80	912.00	1.02%	79			38
TP5-05	EX-S-57011	S6-02	907.60	907.26	2.49%	14			7
TP5-10	TS5-10	S5-29	920.10	919.96	0.93%	15			6
TP6-01	TS6-01	S6-44	910.10	910.00	2.87%	4			2
TP6-02	TS6-02	TS6-01	910.70	910.10	0.76%	79			22
TP6-03	TS6-03	S6-18	905.70	905.60	0.75%		13		11
TP6-04	ES6-01	S6-12	906.10	906.00	0.89%	11			23
TP6-05	S6-19	EX-S-55873	906.00	905.92	1.00%	8			3
SHEET 4 TOTAL :						293	25	0	159
TEMPORARY DRAINAGE PLANS - SHEET 5									
TP7-01	ES7-01	S7-05	907.60	907.40	0.77%	26			13
TP8-01	TS8-01	S7-44	885.10	885.04	3.00%	2			3
TP8-02	TS8-02	TS8-03	885.80	884.60	0.78%	154			21
TP8-03	TS8-03	EX-S-53423	884.60	884.14	1.04%	44			5
TP8-04	TS8-04	S8-30	881.10	881.00	1.31%	8			6
TP8-05	TS8-05	TS8-04	882.40	881.10	1.02%	127			69
TP8-06	S8-29	EX-S-53465	882.10	881.86	1.04%	23			14
SHEET 5 TOTAL :						384	0	0	131
TEMPORARY DRAINAGE PLANS - SHEET 6									
TP9-01	TS9-01	S9-14	894.95	894.90	2.67%	2			0
TP9-02	TS9-02	S9-05	886.65	886.60	2.62%	2			4
TP9-03	TS9-03	S9-04	885.90	885.81	6.13%	2			3
TP9-04	S9-12	EX-S-52469	893.42	893.35	0.96%	7			2
TP10-01	TS10-01	S10-11	891.20	891.00	1.18%	17			17
TP10-02	TS10-02	S10-15	890.85	890.80	3.96%			1	1
TP10-03	TS10-03	TS10-02	892.95	890.85	2.52%	4			2
TP10-04	TS10-04	TS10-02	890.90	890.85	1.80%			3	2
TP10-05	TS10-05	S10-48	895.10	895.00	1.02%	10			10
TP10-06	ES10-01	TS10-04	891.30	890.90	0.93%			43	22

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USER NAME = CookT1	DESIGNED - EU	REVISED -
	DRAWN - EU	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED - EEE	REVISED -
PLOT DATE = 2/11/2025	DATE - 02/06/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY SCHEDULES

SCALE: NONE SHEET 28 OF 65 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	2024-1052-N,C,SW,FL	MCHENRY	941	438
CONTRACT NO. 62X94				
		ILLINOIS	FED. AID PROJECT	

TEMPORARY STORM SEWER PIPE SCHEDULE

PIPE	UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE	UPSTREAM INVERT ELEVATION	DOWNSTREAM INVERT ELEVATION	PIPE SLOPE (%)	STORM SEWERS, CLASS A, TYPE 2			TRENCH BACKFILL
						12"	15"	36"	
						FOOT	FOOT	FOOT	CU YD
TP10-07	ES10-03	S10-13	892.00	891.85	1.27%	12			8
TP10-08	ES10-02	TS10-02	892.60	890.85	3.81%	46			36
SHEET 6 TOTAL :						102	0	47	107
TEMPORARY DRAINAGE PLANS - SHEET 7									
SHEET 7 TOTAL :						0	0	0	0
TEMPORARY DRAINAGE PLANS - SHEET 8									
SHEET 8 TOTAL :						0	0	0	0
TEMPORARY DRAINAGE PLANS - SHEET 9									
SHEET 9 TOTAL :						0	0	0	0
TEMPORARY DRAINAGE PLANS - SHEET 10									
SHEET 10 TOTAL :						0	0	0	0
TEMPORARY DRAINAGE PLANS - SHEET 11									
SHEET 11 TOTAL :						0	0	0	0
TOTAL						1,053	59	51	525

NOTES:

1. ADDITIONAL TRENCH BACKFILL QUANTITY PROVIDED ON THE DRAINAGE AND UTILITY SCHEDULE FOR STORM SEWER REMOVAL.

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USER NAME = CookT1	DESIGNED - EU	REVISED -
	DRAWN - EU	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED - EEY	REVISED -
PLOT DATE = 2/11/2025	DATE - 02/06/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY SCHEDULES			
SCALE: NONE	SHEET 29 OF 65 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	2024-1052-N,C,SW,FL	MCHENRY	941	439
CONTRACT NO. 62X94				
		ILLINOIS	FED. AID PROJECT	

MODEL: Default
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NOTES:
WHEN MANHOLE IS ADJACENT TO SIDEWALK, ROTATE TOP SECTION SO LID IS NOT IN THE PAVEMENT.
WHERE * IS INDICATED FOR TEMPORARY ELEVATION, THE STRUCTURE IS ASSUMED TO BE PLATED FOR THE FIRST PHASE THE STRUCTURE IS INSTALLED.
WHERE * IS INDICATED FOR CATCH BASIN STRUCTURE QUANTITY, A FLAT SLAB TOP SHALL BE USED.

4. BASED ON FIELD CONDITIONS, THE CONTRACTOR MAY NEED TO USE FLAT SLAB TOPS FOR GIVEN CATCH BASIN AND MANHOLE STRUCTURES WHERE THE MINIMUM DEPTH FROM FINISHED GRADE TO TOP OF PIPE IS NOT ACHIEVED. REFER TO SPECIFIC IDOT STRUCTURE AND FRAME & GRATE DETAILS FOR MINIMUM DEPTH REQUIREMENTS.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY SCHEDULES

PROPOSED DRAINAGE STRUCTURE SCHEDULE

STRUCTURE	STATION	OFFSET		OFFSET LOCATION (EDGE OF PAVEMENT/FLOW LINE/ CENTER OF STRUCTURE)	BASELINE	CONSTRUCTION PHASE TO INSTALL STRUCTURE	CONSTRUCTION PHASE TO ADJUST STRUCTURE TO FINAL CONFIGURATION	TEMPORARY RIM (ELEV)	PROPOSED RIM (ELEV)	N INVERT (ELEV)	W INVERT (ELEV)	E INVERT (ELEV)	S INVERT (ELEV)	NE INVERT (ELEV)	NW INVERT (ELEV)	SE INVERT (ELEV)	SW INVERT (ELEV)	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	CATCH BASINS, TYPE C, TYPE 8 GRATE	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 9'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 6'-DIAMETER, WITH 2 TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	MANHOLES, TYPE A, 8'-DIAMETER, WITH 2 TYPE 1 FRAMES, CLOSED LID, RESTRICTOR PLATE			
S2-10	112+75.00	33.00'	RT	EOP	PR IL ROUTE 47	1A			937.04					933.03							1*												
S2-11	112+75.00	33.00'	LT	EOP	PR IL ROUTE 47	PSA	2A	938.16	937.04	932.71			932.73								1*												
S2-12	112+34.00	34.00'	LT	COS	PR IL ROUTE 47	PSA	2A	*	937.21	932.94	933.98		933.39										1										
S2-13	111+40.00	27.00'	RT	COS	PR IL ROUTE 47	PSA	1A	*	938.28	931.50			931.70			933.64									1								
S2-14	111+35.00	33.00'	RT	EOP	PR IL ROUTE 47	1A			937.74						933.73						1*												
S2-15	111+85.00	6.00'	LT	EOP	PR IL ROUTE 47	2A			938.01					934.32						1*													
S2-16	111+35.00	33.48'	LT	EOP	PR IL ROUTE 47	PSA	2A	938.84	937.72	933.91			933.95								1*												
S2-17	110+54.00	27.00'	RT	COS	PR IL ROUTE 47	PSA	1A	*	938.76	932.09			932.29			934.90								1									
S2-18	110+50.00	33.00'	RT	EOP	PR IL ROUTE 47	1A			938.21						935.00						1*												
S2-20	110+36.00	38.64'	LT	COS	PR IL ROUTE 47	PSA	2A	*	939.21	934.55			935.00			934.85							1										
S2-21	109+65.00	33.00'	LT	EOP	PR IL ROUTE 47	PSA	2A	940.11	939.10	935.58											1*												
S2-22	109+66.00	29.00'	RT	COS	PR IL ROUTE 47	PSA	1A	*	939.35	933.11		934.84	933.61											1									
S2-23	109+65.00	40.00'	RT	EOP	PR IL ROUTE 47	1A			938.93		934.93										1*												
S2-24	107+97.00	26.00'	RT	COS	PR IL ROUTE 47	PSA	1A	*	942.08	935.90	936.52		936.40			936.48								1									
S2-25	107+95.00	33.00'	RT	EOP	PR IL ROUTE 47	1A			941.72						936.52						1												
S2-26	107+95.00	33.00'	LT	EOP	PR IL ROUTE 47	2A		941.90	941.72			936.88			937.13						1*												
S2-27	108+24.00	43.20'	LT	COS	PR IL ROUTE 47	2A			941.68					937.59			937.34						1										
S2-28	108+63.00	6.00'	LT	EOP	PR IL ROUTE 47	2A			941.18								937.89			1*													
S2-29	106+76.00	28.00'	RT	COS	PR IL ROUTE 47	PSA	1A	*	944.01	937.80	937.91		940.13			939.67								1									
S2-30	106+70.00	35.80'	RT	EOP	PR IL ROUTE 47	1A			943.65						939.76						1*												
S2-31	105+40.47	49.68'	RT	COS	PR IL ROUTE 47	1A			944.83						941.80		941.80				1*												
S2-32	106+70.00	35.57'	LT	EOP	PR IL ROUTE 47	PSA	2A	944.24	943.67						940.70						1*												
S2-33	106+78.00	44.00'	LT	COS	PR IL ROUTE 47	PSA	2A	*	943.83			938.56	938.56			940.60								1									
S2-34	104+95.00	39.00'	RT	EOP	PR IL ROUTE 47	1A			946.01	942.00		942.00									1*												
S2-35	104+95.00	39.00'	LT	EOP	PR IL ROUTE 47	PSA	2A	*	946.01								942.10				1*												
S2-36	104+75.00	49.00'	LT	EOP	PR IL ROUTE 47	PSA	2A	*	945.05					941.05								1											
S2-37	104+83.00	45.00'	LT	COS	PR IL ROUTE 47	PSA	2A	*	945.98	939.87			940.32	941.97	943.11		940.96							1									
S2-38	103+05.00	39.00'	RT	EOP	PR IL ROUTE 47	1A			947.60		943.60										1*												
S2-39	103+05.00	46.22'	LT	EOP	PR IL ROUTE 47	PSA	2A	*	947.42		942.79	942.79									1*												
S2-40	103+05.00	54.00'	LT	COS	PR IL ROUTE 47	PSA	2A	*	946.75	941.48		942.71	941.48										1										
S2-41	102+06.00	56.00'	LT	COS	PR IL ROUTE 47	PSA	2A	*	948.29	942.12			942.64				943.41						1										
S2-42	102+00.00	61.50'	LT	EOP	PR IL ROUTE 47	2A			946.84					943.52								1											
S2-43	110+32.00	33.00'	LT	EOP	PR IL ROUTE 47	PSA	2A	939.49	938.36						935.00						1*												
S2-44	112+10.00	27.00'	RT	EOP	PR IL ROUTE 47	PSA	1A	*	937.48	930.91			931.11				933.73								1								
SHEET 2 TOTAL:																		0	0	4	21	2	5	7	4	0	0	0	0	0			
PROPOSED DRAINAGE AND UTILITY PLANS - SHEET 3																																	
S3-01	126+78.00	27.00'	RT	COS	PR IL ROUTE 47	PSA	1A	*	930.12	922.25			922.85			926.40										1							

NOTES:

1. WHEN MANHOLE IS ADJACENT TO SIDEWALK, ROTATE TOP SECTION SO LID IS NOT IN THE PAVEMENT.

2. WHERE * IS INDICATED FOR TEMPORARY ELEVATION, THE STRUCTURE IS ASSUMED TO BE PLATED FOR THE FIRST PHASE THE STRUCTURE IS INSTALLED.

3. WHERE * IS INDICATED FOR CATCH BASIN STRUCTURE QUANTITY, A FLAT SLAB TOP SHALL BE USED.
4. BASED ON FIELD CONDITIONS, THE CONTRACTOR MAY NEED TO USE FLAT SLAB TOPS FOR GIVEN CATCH BASIN AND MANHOLE STRUCTURES WHERE THE MINIMUM DEPTH FROM FINISHED GRADE TO TOP OF PIPE IS NOT ACHIEVED. REFER TO SPECIFIC IDOT STRUCTURE AND FRAME & GRATE DETAILS FOR MINIMUM DEPTH REQUIREMENTS.

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NOTES:

WHEN MANHOLE IS ADJACENT TO SIDEWALK, ROTATE TOP SECTION SO LID IS NOT IN THE PAVEMENT.

WHERE * IS INDICATED FOR TEMPORARY ELEVATION, THE STRUCTURE IS ASSUMED TO BE PLATED FOR THE FIRST PHASE THE STRUCTURE IS INSTALLED.

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DRAINAGE AND UTILITY SCHEDULES

PROPOSED DRAINAGE STRUCTURE SCHEDULE

STRUCTURE	STATION	OFFSET		OFFSET LOCATION (EDGE OF PAVEMENT/FLOW LINE/ CENTER OF STRUCTURE)	BASELINE	CONSTRUCTION PHASE TO INSTALL STRUCTURE	CONSTRUCTION PHASE TO ADJUST STRUCTURE TO FINAL CONFIGURATION	TEMPORARY RIM (ELEV)	PROPOSED RIM (ELEV)	N INVERT (ELEV)	W INVERT (ELEV)	E INVERT (ELEV)	S INVERT (ELEV)	NE INVERT (ELEV)	NW INVERT (ELEV)	SE INVERT (ELEV)	SW INVERT (ELEV)	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	CATCH BASINS, TYPE C, TYPE 8 GRATE	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 9'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 6'-DIAMETER, WITH 2 TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	MANHOLES, TYPE A, 8'-DIAMETER, WITH 2 TYPE 1 FRAMES, CLOSED LID, RESTRICTOR PLATE
S3-43	125+42.00	3.00'	LT	EOP	PR IL ROUTE 47	1C			931.48		927.08	927.08							1*											
S3-44	125+42.00	9.00'	LT	EOP	PR IL ROUTE 47	2A			931.39			927.15								1*										
SHEET 3 TOTAL:																		0	0	2	25	0	2	1	8	1	0	0	0	1

PROPOSED DRAINAGE AND UTILITY PLANS - SHEET 4

S4-01	137+49.81	53.60'	RT	COS	PR IL ROUTE 47	PSA	1A	*	926.11		917.85	917.75																1		
S4-02	137+27.01	6.09'	RT	COS	PR IL ROUTE 47	PSA	1A	*	925.51					918.35														1		
S4-03	135+76.31	10.09'	RT	COS	PR IL ROUTE 47	PSA	1A	*	926.25				919.64	920.73	921.79															1
S4-04	135+74.97	10.09'	RT	COS	PR IL ROUTE 47	PSA	1A	*	926.33	919.74				920.92	920.92	919.74												1		
S4-05	134+25.00	33.00'	RT	COS	PR IL ROUTE 47	PSA	1A	*	927.67	920.13	921.82		920.13	922.18														1		
S4-06	132+75.00	34.00'	RT	COS	PR IL ROUTE 47	1A			928.89					920.47	922.81		920.47											1		
S4-07	131+71.00	37.50'	RT	COS	PR IL ROUTE 47	PSA	1A	*	930.08				921.00	920.85	922.00											1				
S4-08	131+13.00	52.00'	RT	COS	PR IL ROUTE 47	PSA	1A	*	930.11	921.15						923.60	921.15													1
S4-09	129+08.00	43.00'	RT	COS	PR IL ROUTE 47	PSA	1C	*	929.64					921.66	921.66		921.66									1				
S4-10	128+05.00	33.67'	RT	COS	PR IL ROUTE 47	PSA	1A	*	929.83		925.80			921.92			921.92									1				
S4-11	176+68.00	30.00'	LT	COS	PR LAKE DR	1B			930.57				922.69		922.72	922.71							1							
S4-12	178+71.00	66.00'	LT	COS	PR LAKE DR	PSA	1A	*	930.57	924.20			924.45			924.21						1								
S4-13	180+14.00	57.00'	LT	COS	PR LAKE DR	PSA	1A	*	930.57				927.10		926.42	926.85						1								
S4-14	137+58.45	0.25'	RT	EOP	PR IL ROUTE 47	1A	2B	*	926.22		921.42	921.42				921.42					1*									
S4-15	137+45.41	19.71'	LT	EOP	PR IL ROUTE 47	2A	2A	*	925.47	921.66			921.66									1*								
S4-16	137+37.69	18.83'	LT	EOP	PR IL ROUTE 47	2A	2A	*	925.40					921.76								1*								
S4-17	137+20.52	22.69'	RT	EOP	PR IL ROUTE 47	1A			925.35					921.00			921.00					1*								
S4-18	135+75.00	20.78'	RT	EOP	PR IL ROUTE 47	PSA	1A	*	926.47						920.99							1*								
S4-19	135+75.00	20.00'	LT	EOP	PR IL ROUTE 47	2A			926.48							921.42						1*								
S4-20	134+20.00	25.24'	RT	EOP	PR IL ROUTE 47	PSA	1A	*	927.24					921.89	921.89							1								
S4-21	134+20.00	27.47'	LT	EOP	PR IL ROUTE 47	2A	2A	*	927.15	922.38						922.38						1*								
S4-22	132+75.00	25.86'	RT	EOP	PR IL ROUTE 47	PSA	1A	*	926.39							922.87	922.87					1								
S4-23	132+75.00	39.30'	LT	EOP	PR IL ROUTE 47	2A			928.08							923.52						1*								
S4-24	129+15.00	7.00'	RT	EOP	PR IL ROUTE 47	PSA	1C	*	929.34							921.85	921.75					1								
S4-25	129+09.00	53.00'	LT	EOP	PR IL ROUTE 47	PSA	2A	*	928.81	924.81		922.22	924.28									1*								
S4-26	129+23.00	57.00'	LT	EOP	PR IL ROUTE 47	PSA	2A	*	928.89				924.87									1*								
S4-27	128+95.00	49.50'	LT	EOP	PR IL ROUTE 47	PSA	2A	*	928.89	924.37			924.37									1*								
S4-28	128+00.00	39.17'	LT	EOP	PR IL ROUTE 47	PSA	2A		930.47	929.40	924.91	925.40		925.39								1*								
S4-29	128+84.00	29.00'	RT	EOP	PR IL ROUTE 47	PSA	1A	*	928.93					924.93			924.93					1*								
S4-30	128+00.00	28.25'	RT	EOP	PR IL ROUTE 47	PSA	1A	*	929.40					925.90								1*								
S4-31	176+79.00	20.22'	LT	EOP	PR LAKE DR	1B			929.60	922.79							922.80					1								
S4-32	177+20.90	50.00'	RT	EOP	PR LAKE DR	2A			929.40					923.19		923.20						1								
S4-33	177+75.00	66.18'	RT	EOP	PR LAKE DR	2A			928.70		923.46				923.46	925.05						1*								

NOTES:

1. WHEN MANHOLE IS ADJACENT TO SIDEWALK, ROTATE TOP SECTION SO LID IS NOT IN THE PAVEMENT.
2. WHERE * IS INDICATED FOR TEMPORARY ELEVATION, THE STRUCTURE IS ASSUMED TO BE PLATED FOR THE FIRST PHASE THE STRUCTURE IS INSTALLED.
3. WHERE * IS INDICATED FOR CATCH BASIN STRUCTURE QUANTITY, A FLAT SLAB TOP SHALL BE USED.
4. BASED ON FIELD CONDITIONS, THE CONTRACTOR MAY NEED TO USE FLAT SLAB TOPS FOR GIVEN CATCH BASIN AND MANHOLE STRUCTURES WHERE THE MINIMUM DEPTH FROM FINISHED GRADE TO TOP OF PIPE IS NOT ACHIEVED. REFER TO SPECIFIC IDOT STRUCTURE AND FRAME & GRATE DETAILS FOR MINIMUM DEPTH REQUIREMENTS.

MODEL: Default
FILE: MCHENRY_Planetrac.com\pawson\lry.com\AECOM_DS21_ILA_2023\Documents\60623011-IL-47900-CAD\03_SHEETS\Drainage\0160X17-cell-Drain-SCH-PR-01.dgn



303 EAST WACKER DRIVE, SUITE 1400
CHICAGO, IL 60601-5276
PHONE: (312) 373-7700 FAX: (312) 373-6800

USER NAME = CookT1	DESIGNED - EU	REVISED -
	DRAWN - EU	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED - EEE	REVISED -
PLOT DATE = 2/7/2025	DATE - 02/06/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY SCHEDULES

SCALE: NONE SHEET 33 OF 65 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	2024-1052-N,C,SW,FL	MCHENRY	941	443
CONTRACT NO. 62X94				
		ILLINOIS	FED. AID PROJECT	

MODEL: Default
FILE NAME: pw:\laecom\ha-pw\ben\lev.com\AECOM_DS21_NA_2020\Documents\60632011\IL-471900-CAD1910_CAD103_SHEETS\Drainage\ID160X17-silt-Drain-SCH-PR-01.dgn

NOTES:

1. WHEN MANHOLE IS ADJACENT TO SIDEWALK, ROTATE TOP SECTION SO LID IS NOT IN THE PAVEMENT.
2. WHERE * IS INDICATED FOR TEMPORARY ELEVATION, THE STRUCTURE IS ASSUMED TO BE PLATED FOR THE FIRST PHASE THE STRUCTURE IS INSTALLED.
3. WHERE * IS INDICATED FOR CATCH BASIN STRUCTURE QUANTITY, A FLAT SLAB TOP SHALL BE USED.
4. BASED ON FIELD CONDITIONS, THE CONTRACTOR MAY NEED TO USE FLAT SLAB TOPS FOR GIVEN CATCH BASIN AND MANHOLE STRUCTURES WHERE THE MINIMUM DEPTH FROM FINISHED GRADE TO TOP OF PIPE IS NOT ACHIEVED. REFER TO SPECIFIC IDOT STRUCTURE AND FRAME & GRATE DETAILS FOR MINIMUM DEPTH REQUIREMENTS.

AECOM 303 EAST WACKER DRIVE, SUITE 1400 CHICAGO, IL 60601-5276 PHONE: (312) 373-7700 FAX: (312) 373-6800	USER NAME = CookT1	DESIGNED - EU	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE AND UTILITY SCHEDULES							F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - EU	REVISED -		326	2024-I052-N,C,SW,FL	MCHENRY	941	444							
	PLOT SCALE = 100,000' / 1",	CHECKED - EEE	REVISED -									CONTRACT NO. 62X94				
	PLOT DATE = 2/7/2025	DATE - 02/06/2025	REVISED -		SCALE: NONE SHEET 34 OF 65 SHEETS STA. TO STA.							ILLINOIS FED. AID PROJECT				

PROPOSED DRAINAGE STRUCTURE SCHEDULE

STRUCTURE	STATION	OFFSET		OFFSET LOCATION (EDGE OF PAVEMENT/FLOW LINE/ CENTER OF STRUCTURE)	BASELINE	CONSTRUCTION PHASE TO INSTALL STRUCTURE	CONSTRUCTION PHASE TO ADJUST STRUCTURE TO FINAL CONFIGURATION	TEMPORARY RIM (ELEV)	PROPOSED RIM (ELEV)	N INVERT (ELEV)	W INVERT (ELEV)	E INVERT (ELEV)	S INVERT (ELEV)	NE INVERT (ELEV)	NW INVERT (ELEV)	SE INVERT (ELEV)	SW INVERT (ELEV)	CATCH BASINS, TYPE A, 4"-DIAMETER, TYPE 1 FRAME, OPEN LID	CATCH BASINS, TYPE A, 4"-DIAMETER, TYPE 8 GRATE	CATCH BASINS, TYPE A, 4"-DIAMETER, TYPE 11 FRAME AND GRATE	CATCH BASINS, TYPE A, 4"-DIAMETER, TYPE 24 FRAME AND GRATE	CATCH BASINS, TYPE C, TYPE 8 GRATE	MANHOLES, TYPE A, 4"-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 5"-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 6"-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 7"-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 8"-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 9"-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 6"-DIAMETER, WITH 2 TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	MANHOLES, TYPE A, 8"-DIAMETER, WITH 2 TYPE 1 FRAMES, CLOSED LID, RESTRICTOR PLATE			
S4-83	137+56.71	21.96'	LT	EOP	PR IL ROUTE 47	2A			925.52				921.56			921.56					1*												
SHEET 4 TOTAL:																		0	0	0	49	1	5	3	1	3	5	2	0	2			
PROPOSED DRAINAGE AND UTILITY PLANS - SHEET 5																																	
S5-01	152+78.00	38.00'	RT	COS	PR IL ROUTE 47	PSA	1A	*	912.68	904.87	906.81		904.87												1								
S5-02	151+73.00	37.50'	RT	COS	PR IL ROUTE 47	PSA	1A	*	913.64	905.40	908.76		905.40												1								
S5-03	150+62.00	37.00'	RT	COS	PR IL ROUTE 47	PSA	2B	*	915.25	905.97	908.79		905.97												1								
S5-04	149+23.00	25.00'	RT	COS	PR IL ROUTE 47	PSA	2B	*	917.28	906.68	911.34		906.68												1								
S5-05	147+68.00	36.00'	RT	COS	PR IL ROUTE 47	PSA	2B	*	918.80						907.47	908.71	907.95								1								
S5-06	145+97.00	40.00'	RT	COS	PR IL ROUTE 47	PSA	2B	*	921.20	909.23			909.23				913.67								1								
S5-07	144+58.00	39.50'	RT	COS	PR IL ROUTE 47	PSA	2B	*	922.02	909.66	916.39		909.76												1								
S5-08	143+25.00	37.50'	RT	COS	PR IL ROUTE 47	PSA	2B	*	922.74	910.45			910.54		918.20		917.29								1								
S5-09	141+03.00	50.00'	RT	COS	PR IL ROUTE 47	PSA	1A	*	924.40	912.18	918.80		913.58												1								
S5-10	152+75.00	33.00'	RT	EOP	PR IL ROUTE 47	PSA	1A	*	912.42		906.84	906.84													1								
S5-11	152+75.00	33.91'	LT	EOP	PR IL ROUTE 47	PSA	2A	*	912.40			907.18	907.43												1*								
S5-12	151+70.00	31.77'	LT	EOP	PR IL ROUTE 47	1A			913.49		908.79	908.79													1*								
S5-13	150+60.00	26.61'	RT	EOP	PR IL ROUTE 47	PSA	2B	*	914.92		908.84	908.84								1													
S5-14	150+60.00	33.00'	LT	EOP	PR IL ROUTE 47	PSA	2A	*	914.79			909.14	909.64			910.08					1*												
S5-15	150+57.00	38.12'	LT	COS	PR IL ROUTE 47	PSA	2A	*	915.26					910.19									1										
S5-16	149+20.00	33.00'	LT	EOP	PR IL ROUTE 47	2A			916.47	910.32			910.57								1												
S5-17	149+20.00	19.64'	RT	EOP	PR IL ROUTE 47	2B			917.20			911.35								1													
S5-18	147+65.00	23.08'	RT	EOP	PR IL ROUTE 47	PSA	2B	*	918.62					908.00		908.10				1													
S5-19	147+65.00	33.00'	LT	EOP	PR IL ROUTE 47	PSA	2A	*	918.43					908.25		908.50	914.26				1*												
S5-20	141+46.00	38.00'	LT	COS	PR IL ROUTE 47	PSA	2A	*	923.67			919.00							1*														
S5-21	150+60.00	6.43'	LT	EOP	PR IL ROUTE 47	PSA	2B	*	915.65		909.01	909.01								1													
S5-22	145+90.00	30.16'	RT	EOP	PR IL ROUTE 47	PSA	2A	*	920.86		913.73	913.73								1													
S5-23	145+90.00	37.00'	LT	COS	PR IL ROUTE 47	PSA	2A	*	921.21			914.06	914.06										1										
S5-24	145+29.00	33.00'	LT	EOP	PR IL ROUTE 47	2A			921.22	914.36			914.36								1												
S5-25	145+22.00	33.00'	LT	EOP	PR IL ROUTE 47	2A			921.25	914.39			914.39								1												
S5-26	144+55.00	33.00'	RT	EOP	PR IL ROUTE 47	1C			921.58			916.42								1*													
S5-27	143+20.00	33.00'	RT	EOP	PR IL ROUTE 47	PSA	2B	*	922.33		917.32			917.32						1*													
S5-28	143+20.00	32.70'	LT	EOP	PR IL ROUTE 47	PSA	2A	*	922.33			917.63	917.63								1*												
S5-29	141+00.00	14.08'	LT	EOP	PR IL ROUTE 47	PSA	2A	*	923.96	919.49			919.49								1*												
S5-30	141+00.00	45.73'	RT	EOP	PR IL ROUTE 47	1A			924.00			918.90									1*												
S5-31	143+96.00	33.00'	LT	EOP	PR IL ROUTE 47	2A			921.88	915.51											1												
S5-32	144+55.00	33.00'	LT	EOP	PR IL ROUTE 47	2A			921.59	915.11			915.22								1												
S5-34	142+05.00	26.50'	LT	EOP	PR IL ROUTE 47	PSA	2A	*	923.18	918.23			918.47								1*												
S5-35	142+30.00	28.50'	LT	EOP	PR IL ROUTE 47	PSA	2A	*	923.00	918.10			918.10								1*												

NOTES:

1. WHEN MANHOLE IS ADJACENT TO SIDEWALK, ROTATE TOP SECTION SO LID IS NOT IN THE PAVEMENT.
2. WHERE * IS INDICATED FOR TEMPORARY ELEVATION, THE STRUCTURE IS ASSUMED TO BE PLATED FOR THE FIRST PHASE THE STRUCTURE IS INSTALLED.
3. WHERE * IS INDICATED FOR CATCH BASIN STRUCTURE QUANTITY, A FLAT SLAB TOP SHALL BE USED.
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AECOM
303 EAST WACKER DRIVE, SUITE 1400
CHICAGO, IL 60601-5276
PHONE: (312) 373-7700 FAX: (312) 373-6800

USER NAME = CookT1	DESIGNED - EU	REVISED -
	DRAWN - EU	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - EEY	REVISED -
PLOT DATE = 2/7/2025	DATE - 02/06/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DRAINAGE AND UTILITY SCHEDULES					F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
					326	2024-1052-N,C,SW,FL	MCHENRY	941	445
					CONTRACT NO. 62X94				
SCALE: NONE	SHEET 35 OF 65 SHEETS	STA.	TO STA.						

PROPOSED DRAINAGE STRUCTURE SCHEDULE

STRUCTURE	STATION	OFFSET		OFFSET LOCATION (EDGE OF PAVEMENT/FLOW LINE/ CENTER OF STRUCTURE)	BASELINE	CONSTRUCTION PHASE TO INSTALL STRUCTURE	CONSTRUCTION PHASE TO ADJUST STRUCTURE TO FINAL CONFIGURATION	TEMPORARY RIM (ELEV)	PROPOSED RIM (ELEV)	N INVERT (ELEV)	W INVERT (ELEV)	E INVERT (ELEV)	S INVERT (ELEV)	NE INVERT (ELEV)	NW INVERT (ELEV)	SE INVERT (ELEV)	SW INVERT (ELEV)	CATCH BASINS, TYPE A, 4"-DIAMETER, TYPE 1 FRAME, OPEN LID	CATCH BASINS, TYPE A, 4"-DIAMETER, TYPE 8 GRATE	CATCH BASINS, TYPE A, 4"-DIAMETER, TYPE 11 FRAME AND GRATE	CATCH BASINS, TYPE A, 4"-DIAMETER, TYPE 24 FRAME AND GRATE	CATCH BASINS, TYPE C, TYPE 8 GRATE	MANHOLES, TYPE A, 4"-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 5"-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 6"-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 7"-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 8"-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 9"-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 6"-DIAMETER, WITH 2 TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	MANHOLES, TYPE A, 8"-DIAMETER, WITH 2 TYPE 1 FRAMES, CLOSED LID, RESTRICTOR PLATE				
S5-36	142+86.00	32.00'	LT	EOP	PR IL ROUTE 47	PSA	2A	*	922.58	917.80			917.82								1*													
S5-37	143+70.00	9.00'	LT	EOP	PR IL ROUTE 47	2A			922.49							918.70					1*													
S5-38	141+48.00	20.18'	LT	EOP	PR IL ROUTE 47	PSA			923.60	918.75	918.80		918.99								1*													
S5-39	145+15.00	33.00'	LT	EOP	PR IL ROUTE 47	2A			921.29	914.43			914.93								1													
S5-40	146+63.00	33.00'	LT	EOP	PR IL ROUTE 47	2A			919.93	908.80											1													
S5-41	148+37.00	33.00'	LT	EOP	PR IL ROUTE 47	2A			917.47	910.98											1													
S5-42	148+96.00	33.00'	LT	EOP	PR IL ROUTE 47	2A			916.76	910.69			910.69								1													
S5-43	149+95.00	33.00'	LT	EOP	PR IL ROUTE 47	PSA	2A	*	915.57	909.96			909.96								1													
S5-44	152+25.00	40.00'	LT	EOP	PR IL ROUTE 47	PSA	2A	*	912.63	907.68			907.93								1*													
S5-45	151+27.00	34.00'	LT	EOP	PR IL ROUTE 47	PSA	2A	*	913.96	908.41											1													
S5-46	142+05.00	36.30'	RT	EOP	PR IL ROUTE 47	PSA	1A	*	923.20			918.90									1*													
S5-47	142+10.00	40.50'	RT	COS	PR IL ROUTE 47	PSA	1A	*	923.48	911.14	918.80		911.64											1										
S5-48	151+70.00	7.29'	LT	EOP	PR IL ROUTE 48	3			913.98			908.98								1*														
SHEET 5 TOTAL:																		0	1	8	26	0	2	10	0	0	0	0	0	0	0	0	0	0

PROPOSED DRAINAGE AND UTILITY PLANS - SHEET 6

S6-00A	153+30.43	240.88'	RT	COS	PR IL ROUTE 47	1A			913.40	903.80	899.09	899.09																	1			
S6-00B	153+40.98	240.82'	RT	COS	PR IL ROUTE 47	1A			908.52	903.90			903.90																			1
S6-01	153+24.00	150.00'	RT	COS	PR IL ROUTE 47	PSA	1A	*	913.40	904.08						904.08													1			
S6-02	153+24.00	38.00'	RT	COS	PR IL ROUTE 47	PSA	1A	▽	912.59			904.64	904.64																1			
S6-03A	154+89.52	57.38'	RT	COS	PR IL ROUTE 47	PSA	1A	*	911.21	906.20	904.93		904.93																1			
S6-03B	153+78.00	68.00'	RT	COS	PR IL ROUTE 47	PSA	1A	*	907.55	904.71			902.21																		1	
S6-04	154+95.00	38.00'	RT	COS	PR IL ROUTE 47	PSA	1A	▽	911.71	904.98	906.80	904.98																	1			
S6-05	154+91.00	33.00'	RT	EOP	PR IL ROUTE 47	PSA	1A	*	911.31		907.07	906.82	907.14									1*										
S6-06	154+00.00	33.00'	RT	EOP	PR IL ROUTE 47	1A			911.76	907.59												1*										
S6-07	157+82.00	6.10'	RT	EOP	PR IL ROUTE 47	1C			910.46		906.12	905.62										1*										
S6-08	154+91.00	33.00'	LT	EOP	PR IL ROUTE 47	PSA	2A	909.97	911.31			907.36	907.51		907.36		907.61					1*										
S6-08A	155+08.71	51.23'	LT	COS	PR IL ROUTE 47	2A			912.03							907.46								1								
S6-09	154+75.00	53.46'	LT	COS	PR IL ROUTE 47	2A			910.51					907.34								1*										
S6-10	154+00.00	33.00'	LT	EOP	PR IL ROUTE 47	PSA	2A	910.63	911.76	907.79												1*										
S6-11	156+50.00	33.00'	RT	EOP	PR IL ROUTE 47	1A			910.51			906.34										1*										
S6-12	155+85.00	38.00'	RT	COS	PR IL ROUTE 47	PSA	1A	▽	911.26	905.16	905.22		905.16												1							
S6-13	157+47.00	38.00'	RT	COS	PR IL ROUTE 47	1A			910.45	905.49	905.87		905.49												1							
S6-14	158+00.33	38.00'	RT	COS	PR IL ROUTE 47	1A			910.35	905.63	905.63	905.63	905.63												1							
S6-15	159+90.00	38.00'	RT	COS	PR IL ROUTE 47	1A			912.61	908.32	907.52		906.63												1							
S6-16	161+12.35	38.00'	RT	COS	PR IL ROUTE 47	1A			913.75	909.28	909.52		909.28											1								
S6-17	163+35.00	38.00'	RT	COS	PR IL ROUTE 47	1A			914.77		910.10		910.00											1								
S6-18	155+90.00	33.00'	RT	EOP	PR IL ROUTE 47	PSA	1A	▽	910.81		906.20	905.25										1*										

NOTES:

1. WHEN MANHOLE IS ADJACENT TO SIDEWALK, ROTATE TOP SECTION SO LID IS NOT IN THE PAVEMENT.

2. WHERE * IS INDICATED FOR TEMPORARY ELEVATION, THE STRUCTURE IS ASSUMED TO BE PLATED FOR THE FIRST PHASE THE STRUCTURE IS INSTALLED.

3. WHERE * IS INDICATED FOR CATCH BASIN STRUCTURE QUANTITY, A FLAT SLAB TOP SHALL BE USED.
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MODEL: Default
FILE: M:\0165\proj\dwg\comp\res\dwg\res\lay.com\AECOM_DSG1_ILA_202101\Documents\60622011-IL-471905-CAD\010_CAD\03_SHEETS\Drainage\0160X17-cell-D-ain-SCH-PR-01.dgn



303 EAST WACKER DRIVE, SUITE 1400
CHICAGO, IL 60601-5276
PHONE: (312) 373-7700 FAX: (312) 373-6800

USER NAME = CookT1	DESIGNED - EU	REVISED -
	DRAWN - EU	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED - EEE	REVISED -
PLOT DATE = 2/7/2025	DATE - 02/06/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY SCHEDULES

SCALE: NONE SHEET 36 OF 65 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	2024-1052-N,C,SW,FL	MCHENRY	941	446
CONTRACT NO. 62X94				
ILLINOIS		FED. AID PROJECT		

PROPOSED DRAINAGE STRUCTURE SCHEDULE

STRUCTURE	STATION	OFFSET		OFFSET LOCATION (EDGE OF PAVEMENT/FLOW LINE/ CENTER OF STRUCTURE)	BASELINE	CONSTRUCTION PHASE TO INSTALL STRUCTURE	CONSTRUCTION PHASE TO ADJUST STRUCTURE TO FINAL CONFIGURATION	TEMPORARY RIM (ELEV)	PROPOSED RIM (ELEV)	N INVERT (ELEV)	W INVERT (ELEV)	E INVERT (ELEV)	S INVERT (ELEV)	NE INVERT (ELEV)	NW INVERT (ELEV)	SE INVERT (ELEV)	SW INVERT (ELEV)	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	CATCH BASINS, TYPE C, TYPE 8 GRATE	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 9'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 6'-DIAMETER, WITH 2 TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	MANHOLES, TYPE A, 8'-DIAMETER, WITH 2 TYPE 1 FRAMES, CLOSED LID, RESTRICTOR PLATE						
S6-19	155+90.00	33.00'	LT	EOP	PR IL ROUTE 47	PSA	2A	909.74	910.81	906.63		906.63								1*																
S6-20	157+41.00	33.00'	RT	EOP	PR IL ROUTE 47	PSA	1A	*	910.06			905.89								1*																
S6-21	156+76.00	33.00'	LT	EOP	PR IL ROUTE 47	PSA	2A	910.07	910.38	906.90			906.90							1*																
S6-22	158+33.00	33.00'	RT	EOP	PR IL ROUTE 47	1A			910.13	905.74			905.74							1*																
S6-23	157+82.00	33.00'	RT	EOP	PR IL ROUTE 47	1A			909.93		905.56	905.56								1*																
S6-24	158+40.00	33.00'	RT	EOP	PR IL ROUTE 47	1A			910.19				905.76							1*																
S6-25	158+05.00	33.00'	RT	EOP	PR IL ROUTE 47	1A			909.97	906.15	906.15	905.65								1*																
S6-26	158+25.00	33.00'	LT	EOP	PR IL ROUTE 47	2A			910.09			906.36								1*																
S6-27	157+89.00	33.00'	LT	EOP	PR IL ROUTE 47	2A			909.94				906.23							1*																
S6-28	157+75.00	33.00'	LT	EOP	PR IL ROUTE 47	2A			909.94	906.20		906.20								1*																
S6-29	157+25.00	33.00'	LT	EOP	PR IL ROUTE 47	2A			910.14				907.10							1*																
S6-30	157+82.00	9.00'	LT	EOP	PR IL ROUTE 47	2A			910.41		906.15	906.15								1*																
S6-31	159+95.00	33.00'	RT	EOP	PR IL ROUTE 47	1A			912.25		907.61	907.56								1*																
S6-32	159+95.00	33.00'	LT	EOP	PR IL ROUTE 47	2A			912.25			907.94	907.94							1*																
S6-33	161+15.00	33.00'	RT	EOP	PR IL ROUTE 47	1A			913.33		909.54	909.54								1*																
S6-34	161+09.00	3.00'	RT	EOP	PR IL ROUTE 47	3			913.87			909.62				909.62			1*																	
S6-35	160+80.00	33.00'	LT	EOP	PR IL ROUTE 47	2A			913.13					909.76						1*																
S6-36	162+05.00	9.00'	RT	EOP	PR IL ROUTE 47	1A			914.26			909.95								1*																
S6-37	159+87.00	33.00'	LT	EOP	PR IL ROUTE 47	2A			912.14	907.98										1*																
S6-38	159+30.00	33.00'	RT	EOP	PR IL ROUTE 47	1A			911.36			907.74								1*																
S6-39	162+05.00	33.00'	RT	EOP	PR IL ROUTE 47	1A			913.78		909.89	909.89								1*																
S6-40	163+40.00	33.00'	RT	EOP	PR IL ROUTE 47	1A			914.46			910.11								1*																
S6-41	156+45.00	38.00'	RT	COS	PR IL ROUTE 47	1A			910.85	905.28	906.33		905.28												1											
S6-42	157+77.00	38.00'	RT	COS	PR IL ROUTE 47	1A			910.34	905.55	905.55		905.55												1											
S6-43	159+25.00	38.00'	RT	COS	PR IL ROUTE 47	1A			911.55	906.01	907.73		906.01												1											
S6-44	162+00.00	38.00'	RT	COS	PR IL ROUTE 47	1A			914.02	909.61	909.86		909.61																							
S6-50	164+19.78	38.15'	LT	COS	PR IL ROUTE 47	PSA	2A	*	915.26			908.95			907.95	908.63									1											
S6-51	163+50.27	38.53'	LT	COS	PR IL ROUTE 47	PSA	2A	*	914.95	909.03		909.43			909.43	909.03									1											
S6-52	162+69.66	38.25'	LT	COS	PR IL ROUTE 47	PSA	2A	*	914.54			910.00			909.33	909.33									1											
S6-53	161+75.59	38.11'	LT	COS	PR IL ROUTE 47	PSA	2A	*	914.07						909.80		910.46								1											
S6-54	162+64.80	33.02'	LT	EOP	PR IL ROUTE 47	PSA	2A	914.28	914.08						910.10					1*																
S6-55	163+44.84	33.00'	LT	EOP	PR IL ROUTE 47	PSA	2A	914.43	914.48						909.53					1*																
S6-56	163+73.00	48.60'	LT	EOP	PR IL ROUTE 47	2A			914.53							909.73			1*																	
S6-57	164+15.05	33.11'	LT	EOP	PR IL ROUTE 47	PSA	2A	914.50	914.81					909.02																						
SHEET 6 TOTAL:																		0	2	1	31	0	5	3	10	1	1	1	0	1						
PROPOSED DRAINAGE AND UTILITY PLANS - SHEET 7																																				
S7-02	113+43.11	35.00'	LT	COS	EX E SOUTH ST	PSA	2A	*	912.80		902.58	902.76				903.53									1											

NOTES:

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3. WHERE * IS INDICATED FOR CATCH BASIN STRUCTURE QUANTITY, A FLAT SLAB TOP SHALL BE USED.
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AECOM MODEL: Drainage FILE NAME: DWG 303 EAST WACKER DRIVE, SUITE 1400 CHICAGO, IL 60601-5276 PHONE: (312) 373-1700 FAX: (312) 373-6800	USER NAME = CookT1	DESIGNED - EU	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE AND UTILITY SCHEDULES					F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - EU	REVISED -		326	2024-1052-N,C,SW,FL	MCHENRY	941	447					
	PLOT SCALE = 100,000' / in.	DATE - EEE	REVISED -		CONTRACT NO. 62X94									
	PLOT DATE = 2/7/2025	CHECKED - 02/06/2025	REVISED -		SCALE: NONE	SHEET 37	OF 65 SHEETS	STA.	TO STA.					

PROPOSED DRAINAGE STRUCTURE SCHEDULE

STRUCTURE	STATION	OFFSET		OFFSET LOCATION (EDGE OF PAVEMENT/FLOW LINE/ CENTER OF STRUCTURE)	BASELINE	CONSTRUCTION PHASE TO INSTALL STRUCTURE	CONSTRUCTION PHASE TO ADJUST STRUCTURE TO FINAL CONFIGURATION	TEMPORARY RIM (ELEV)	PROPOSED RIM (ELEV)	N INVERT (ELEV)	W INVERT (ELEV)	E INVERT (ELEV)	S INVERT (ELEV)	NE INVERT (ELEV)	NW INVERT (ELEV)	SE INVERT (ELEV)	SW INVERT (ELEV)	CATCH BASINS, TYPE A, 4"-DIAMETER, TYPE 1 FRAME, OPEN LID	CATCH BASINS, TYPE A, 4"-DIAMETER, TYPE 8 GRATE	CATCH BASINS, TYPE A, 4"-DIAMETER, TYPE 11 FRAME AND GRATE	CATCH BASINS, TYPE A, 4"-DIAMETER, TYPE 24 FRAME AND GRATE	CATCH BASINS, TYPE C, TYPE 8 GRATE	MANHOLES, TYPE A, 4"-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 5"-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 6"-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 7"-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 8"-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 9"-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 6"-DIAMETER, WITH 2 TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	MANHOLES, TYPE A, 8"-DIAMETER, WITH 2 TYPE 1 FRAMES, CLOSED LID, RESTRICTOR PLATE	
S7-03	168+13.09	76.11'	LT	COS	PR IL ROUTE 47	PSA	2A	*	911.20							903.59	903.43							1							
S7-04	167+00.02	57.50'	LT	COS	PR IL ROUTE 47	PSA	2A	*	912.89					905.76	905.76								1								
S7-05	167+82.80	57.48'	LT	COS	PR IL ROUTE 47	PSA	2A	*	911.20	905.87					904.37	904.42								1							
S7-06	166+77.00	58.00'	LT	COS	PR IL ROUTE 47	PSA	2A	*	913.10					906.10		906.10								1							
S7-07	166+20.50	54.50'	LT	COS	PR IL ROUTE 47	PSA	2A	*	913.55						906.52	906.52								1							
S7-08	165+20.30	36.90'	LT	COS	PR IL ROUTE 47	PSA	2A	*	915.11					908.63	907.38	907.50								1							
S7-09	165+19.39	38.64'	RT	COS	PR IL ROUTE 47	1B			915.18						909.35		909.11						1								
S7-10	165+92.95	49.98'	RT	COS	PR IL ROUTE 47	1B			914.65					910.05		909.80	910.65						1								
S7-11	167+00.00	46.90'	LT	EOP	PR IL ROUTE 47	PSA	2A	*	912.41							905.85	905.85				1										
S7-13	114+04.68	18.00'	RT	EOP	EX E SOUTH ST	2A			911.70		904.46										1										
S7-14	113+70.00	18.00'	RT	EOP	EX E SOUTH ST	2A			911.40		904.13	904.27									1										
S7-15	113+70.00	32.76'	LT	EOP	EX E SOUTH ST	2A			911.76								903.68				1										
S7-16	113+50.00	18.00'	RT	EOP	EX E SOUTH ST	2A			911.38	903.91		904.02									1										
S7-18	166+77.00	46.90'	LT	EOP	PR IL ROUTE 47	PSA	2A	*	912.58			907.52			906.02		906.02				1*										
S7-19	166+50.23	4.37'	LT	EOP	PR IL ROUTE 47	3			913.83		907.90									1											
S7-20	165+93.00	32.88'	RT	EOP	PR IL ROUTE 47	1B			914.03					910.75							1*										
S7-21	116+21.00	27.60'	RT	EOP	EX E SOUTH ST	1B			913.00							910.40	910.40				1*										
S7-22	116+14.00	29.81'	RT	EOP	EX E SOUTH ST	1B			913.00					910.43							1*										
S7-23	172+81.58	79.03'	LT	COS	PR IL ROUTE 47	PSA	2B	*	904.82						897.24	897.24						1									
S7-24	172+46.50	68.00'	LT	COS	PR IL ROUTE 47	PSA	2B	*	905.85					898.23	898.15							1									
S7-25	172+22.00	33.00'	LT	EOP	PR IL ROUTE 47	PSA	2B	905.97	905.73						898.95	899.03	898.95				1										
S7-26	113+50.00	27.52'	LT	EOP	EX E SOUTH ST	2A			910.69				903.67	903.58	903.58					1											
S7-27	172+73.00	3.00'	LT	EOP	PR IL ROUTE 47	3			905.55							899.25			1												
S7-28	173+70.00	33.00'	LT	COS	PR IL ROUTE 47	PSA	2A	903.44	902.60						897.73	897.73						1									
S7-29	174+22.00	33.00'	LT	EOP	PR IL ROUTE 47	PSA	2A	902.13	901.04							897.99				1*											
S7-30	177+20.00	39.00'	RT	COS	PR IL ROUTE 47	1A			892.55						887.32	887.94	888.32					1									
S7-31	176+14.00	39.00'	RT	COS	PR IL ROUTE 47	1A			895.73						891.12	891.43	892.12					1									
S7-32	175+70.00	50.48'	RT	COS	PR IL ROUTE 47	1A			897.23						892.57	893.07	892.57					1									
S7-33	173+89.00	43.00'	RT	COS	PR IL ROUTE 47	1A			902.54						898.50	898.75	899.00					1									
S7-34	172+22.00	42.00'	RT	COS	PR IL ROUTE 47	1A			906.23						901.17	901.42	901.18					1									
S7-35	171+78.54	41.73'	RT	COS	PR IL ROUTE 47	1A			906.80						901.97	901.97						1									
S7-36	169+72.00	42.00'	RT	COS	PR IL ROUTE 47	1A			909.53						904.07	904.09	904.07					1									
S7-37	168+42.00	43.00'	RT	COS	PR IL ROUTE 47	1A			911.17						905.83	906.00	906.08					1									
S7-38	167+32.72	52.34'	RT	COS	PR IL ROUTE 47	1A			912.16						906.60		906.60					1									
S7-40	177+20.00	33.00'	RT	EOP	PR IL ROUTE 47	1A			892.10					888.35		888.76				1*											
S7-41	176+89.00	33.00'	RT	EOP	PR IL ROUTE 47	1A			893.03						889.03						1*										
S7-42	176+14.00	3.00'	RT	EOP	PR IL ROUTE 47	3			895.85					892.30					1*												

NOTES:

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PROPOSED DRAINAGE STRUCTURE SCHEDULE

STRUCTURE	STATION	OFFSET		OFFSET LOCATION (EDGE OF PAVEMENT/FLOW LINE/ CENTER OF STRUCTURE)	BASELINE	CONSTRUCTION PHASE TO INSTALL STRUCTURE	CONSTRUCTION PHASE TO ADJUST STRUCTURE TO FINAL CONFIGURATION	TEMPORARY RIM (ELEV)	PROPOSED RIM (ELEV)	N INVERT (ELEV)	W INVERT (ELEV)	E INVERT (ELEV)	S INVERT (ELEV)	NE INVERT (ELEV)	NW INVERT (ELEV)	SE INVERT (ELEV)	SW INVERT (ELEV)	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	CATCH BASINS, TYPE C, TYPE 8 GRATE	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 9'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 6'-DIAMETER, WITH 2 TYPE 1 FRAMES, CLOSED LID, RESTRICTOR PLATE	MANHOLES, TYPE A, 8'-DIAMETER, WITH 2 TYPE 1 FRAMES, CLOSED LID, RESTRICTOR PLATE		
S7-43	175+70.00	33.00'	RT	EOP	PR IL ROUTE 47	1A			896.60					892.66		892.91					1*											
S7-44	175+39.00	33.00'	RT	EOP	PR IL ROUTE 47	1A			897.53						893.06						1*											
S7-45	173+89.00	33.00'	RT	EOP	PR IL ROUTE 47	1A			902.03					899.05							1*											
S7-46	172+22.00	33.00'	RT	EOP	PR IL ROUTE 47	1A			905.73					901.33		901.33					1*											
S7-47	171+42.00	33.00'	RT	EOP	PR IL ROUTE 47	1A			906.79						902.14						1*											
S7-48	169+72.00	33.00'	RT	EOP	PR IL ROUTE 47	1A			909.03					904.11	904.11						1*											
S7-49	170+25.00	4.50'	RT	EOP	PR IL ROUTE 47	3			908.88							904.42			1*													
S7-50	168+42.00	35.41'	RT	EOP	PR IL ROUTE 47	1A			910.69					906.12							1*											
S7-51	167+25.00	50.76'	RT	EOP	PR IL ROUTE 47	1B			912.09			906.74		906.64							1											
S7-52	116+01.06	30.00'	LT	EOP	EX E SOUTH ST	1B			911.72		907.09	907.34									1*											
S7-53	116+21.00	30.00'	LT	EOP	EX E SOUTH ST	1B			911.69		907.44										1*											
S7-54	168+42.00	33.35'	LT	EOP	PR IL ROUTE 47	PSA	2A	910.92	910.77						904.74	906.13					1*											
S7-55	169+72.00	33.00'	LT	EOP	PR IL ROUTE 47	PSA	2A	909.15	909.03							905.38					1*											
S7-56	177+82.00	40.00'	LT	COS	PR IL ROUTE 47	PSA	2A	*	890.71					885.21	884.96	885.14							1									
S7-57	177+22.00	33.00'	LT	EOP	PR IL ROUTE 47	PSA	2A	893.37	892.04						885.44	885.69					1											
S7-58	175+72.00	33.00'	LT	EOP	PR IL ROUTE 47	PSA	2A	897.53	896.54						886.44						1											
S7-59	177+82.00	3.00'	LT	EOP	PR IL ROUTE 47	3			890.84								885.45			1												
S7-60	171+42.00	33.00'	LT	EOP	PR IL ROUTE 47	PSA	2A	*	906.79						899.51																	
S7-61	166+18.21	93.52'	LT	COS	PR IL ROUTE 47	1B			914.00						910.34		910.30						1									
SHEET 7 TOTAL:																		0	0	5	28	0	17	6	0	0	0	0	0	0		

PROPOSED DRAINAGE AND UTILITY PLANS - SHEET 8

S8-01	182+32.21	37.51'	RT	COS	PR IL ROUTE 47	1B			887.63							879.89							1							
S8-02	181+23.16	41.50'	RT	COS	PR IL ROUTE 47	1A			887.77						881.70	881.70	882.70						1							
S8-03	180+52.00	39.50'	RT	COS	PR IL ROUTE 47	1A			887.36						882.57	882.71	883.57						1							
S8-04	179+30.00	39.00'	RT	COS	PR IL ROUTE 47	1A			888.14						883.52	883.77	884.27						1							
S8-05	181+16.00	29.88'	RT	EOP	PR IL ROUTE 47	1A			887.00					882.92						1*										
S8-06	180+52.00	33.00'	RT	EOP	PR IL ROUTE 47	1A			886.90					883.60			883.62			1*										
S8-07	180+62.70	8.99'	RT	EOP	PR IL ROUTE 47	3			887.35					883.76			883.78			1*										
S8-08	179+30.00	33.00'	RT	EOP	PR IL ROUTE 47	1A			887.69					884.30						1*										
S8-09	183+82.98	215.54'	RT	COS	PR IL ROUTE 47	1B			886.56		875.93		878.54															1		
S8-10	202+75.00	47.00'	LT	COS	EX IRVING AVE	1A			885.10					876.21	879.20		876.21											1		
S8-11	184+33.62	170.04'	RT	COS	PR IL ROUTE 47	1A			884.00						879.26	879.26														1
S8-12	184+26.00	108.00'	RT	COS	PR IL ROUTE 47	1A			885.99					876.55	877.56		879.56										1			
S8-13	185+18.00	93.48'	RT	COS	PR IL ROUTE 47	1A			885.26							878.03	881.03									1				
S8-14	201+99.55	7.62'	RT	EOP	EX IRVING AVE	1B			885.97					880.70			880.70			1										
S8-15	202+11.20	9.41'	RT	EOP	EX IRVING AVE	1B			886.02			880.33					880.30			1										
S8-16	184+15.00	86.70'	RT	EOP	PR IL ROUTE 47	1A			886.23	879.68			880.43	880.68						1										

NOTES:

1. WHEN MANHOLE IS ADJACENT TO SIDEWALK, ROTATE TOP SECTION SO LID IS NOT IN THE PAVEMENT.

2. WHERE * IS INDICATED FOR TEMPORARY ELEVATION, THE STRUCTURE IS ASSUMED TO BE PLATED FOR THE FIRST PHASE THE STRUCTURE IS INSTALLED.

3. WHERE * IS INDICATED FOR CATCH BASIN STRUCTURE QUANTITY, A FLAT SLAB TOP SHALL BE USED.
4. BASED ON FIELD CONDITIONS, THE CONTRACTOR MAY NEED TO USE FLAT SLAB TOPS FOR GIVEN CATCH BASIN AND MANHOLE STRUCTURES WHERE THE MINIMUM DEPTH FROM FINISHED GRADE TO TOP OF PIPE IS NOT ACHIEVED. REFER TO SPECIFIC IDOT STRUCTURE AND FRAME & GRATE DETAILS FOR MINIMUM DEPTH REQUIREMENTS.

MODEL: Default
FILE: \\miller-prod\acomp\pdes\pwr-lev\com\AECOM_DS21_ILA_2021\Documents\60622011-IL-471900-CAD\1910_CAD\03_SHEETS\Drainage\160X17-cell-Drain-SCH-PR01.dgn



USER NAME = CookT1	DESIGNED - EU	REVISED -
	DRAWN - EU	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED - EEE	REVISED -
PLOT DATE = 2/7/2025	DATE - 02/06/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY SCHEDULES

SCALE: NONE	SHEET 39 OF 65 SHEETS	STA. TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	2024-1052-N,C,SW,FL	MCHENRY	941	449
CONTRACT NO. 62X94				
ILLINOIS		FED. AID PROJECT		

PROPOSED DRAINAGE STRUCTURE SCHEDULE

STRUCTURE	STATION	OFFSET		OFFSET LOCATION (EDGE OF PAVEMENT/FLOW LINE/ CENTER OF STRUCTURE)	BASELINE	CONSTRUCTION PHASE TO INSTALL STRUCTURE	CONSTRUCTION PHASE TO ADJUST STRUCTURE TO FINAL CONFIGURATION	TEMPORARY RIM (ELEV)	PROPOSED RIM (ELEV)	N INVERT (ELEV)	W INVERT (ELEV)	E INVERT (ELEV)	S INVERT (ELEV)	NE INVERT (ELEV)	NW INVERT (ELEV)	SE INVERT (ELEV)	SW INVERT (ELEV)	CATCH BASINS, TYPE A, 4"-DIAMETER, TYPE 1 FRAME, OPEN LID	CATCH BASINS, TYPE A, 4"-DIAMETER, TYPE 8 GRATE	CATCH BASINS, TYPE A, 4"-DIAMETER, TYPE 11 FRAME AND GRATE	CATCH BASINS, TYPE A, 4"-DIAMETER, TYPE 24 FRAME AND GRATE	CATCH BASINS, TYPE C, TYPE 8 GRATE	MANHOLES, TYPE A, 4"-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 5"-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 6"-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 7"-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 8"-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 9"-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 6"-DIAMETER, WITH 2 TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	MANHOLES, TYPE A, 8"-DIAMETER, WITH 2 TYPE 1 FRAMES, CLOSED LID, RESTRICTOR PLATE	
S8-17	183+87.62	50.20'	RT	EOP	PR IL ROUTE 47	1A			886.06					880.66		880.66					1										
S8-18	183+49.83	70.05'	RT	EOP	PR IL ROUTE 47	3			886.63						880.87						1										
S8-19	185+60.00	67.85'	RT	EOP	PR IL ROUTE 47	1A			885.82							882.82					1*										
S8-20	181+50.86	42.50'	LT	COS	PR IL ROUTE 47	PSA	2A	886.85	887.78					881.99	881.00	881.25								1							
S8-22	178+70.00	40.00'	LT	COS	PR IL ROUTE 47	PSA	2A	*	888.80					884.64	883.47	883.47							1								
S8-23	181+50.00	37.02'	LT	EOP	PR IL ROUTE 47	PSA	2A	*	887.37							882.18	882.03				1										
S8-24	181+30.00	35.27'	LT	EOP	PR IL ROUTE 47	PSA	2A	*	887.16						882.20						1*										
S8-25	180+84.00	49.66'	LT	EOP	PR IL ROUTE 47	2A			887.98					882.76		883.30					1*										
S8-26	201+84.00	5.23'	RT	EOP	EX IRVING AVE	1B			886.08					880.78							1										
S8-27	178+70.00	33.00'	LT	EOP	PR IL ROUTE 47	PSA	2A	890.05	888.34							884.67					1*										
S8-28	186+13.00	8.39'	RT	COS	PR IL ROUTE 47	2A			886.21							878.50								1							
S8-29	185+50.00	30.00'	LT	COS	PR IL ROUTE 47	PSA	2A	887.28	887.55					880.98	878.98	879.05								1							
S8-30	184+50.00	30.00'	LT	COS	PR IL ROUTE 47	PSA	2A	*	887.49					881.66	879.66		879.95							1							
S8-31	110+10.00	105.75'	LT	COS	EX JUDD ST	2B			887.20					880.63		881.63	880.63							1							
S8-32	185+50.00	6.30'	RT	EOP	PR IL ROUTE 47	2A			885.77							881.20	881.16					1*									
S8-33	184+40.00	15.93'	LT	EOP	PR IL ROUTE 47	2B			886.24								881.74					1*									
S8-34	110+44.47	68.13'	LT	EOP	EX JUDD ST	2A			886.91						881.85	881.96						1*									
S8-35	186+25.00	71.33'	RT	COS	PR IL ROUTE 47	1A			886.65						881.00	881.00							1								
S8-36	186+58.00	69.00'	RT	COS	PR IL ROUTE 47	1A			886.85						881.49	881.43	881.97						1								
S8-37	187+58.00	63.00'	RT	COS	PR IL ROUTE 47	1A			887.39						882.35	882.10	882.85						1								
S8-38	188+58.00	58.00'	RT	COS	PR IL ROUTE 47	1A			888.14						883.26	882.96	883.75						1								
S8-39	189+98.00	50.50'	RT	COS	PR IL ROUTE 47	1A			889.88						884.38	884.13	884.20						1								
S8-40	186+60.00	62.46'	RT	EOP	PR IL ROUTE 47	1A			886.40					882.00								1*									
S8-41	187+60.00	57.02'	RT	EOP	PR IL ROUTE 47	1A			887.04					882.88								1*									
S8-42	188+60.00	51.58'	RT	EOP	PR IL ROUTE 47	1A			887.69					883.78								1*									
S8-43	190+00.00	43.92'	RT	EOP	PR IL ROUTE 47	1A			889.46					884.23			884.48					1*									
S8-44	190+00.00	18.06'	LT	EOP	PR IL ROUTE 47	PSA	2A	*	889.46					884.79	885.04							1*									
S8-45	187+00.00	1.85'	LT	EOP	PR IL ROUTE 47	2A			886.66						884.49	884.39						1*									
S8-46	188+60.00	10.55'	LT	EOP	PR IL ROUTE 47	2A			887.69							885.28						1*									
S8-48	184+79.00	74.37'	RT	EOP	PR IL ROUTE 47	1A			885.89						881.57							1*									
S8-49	185+08.00	8.57'	RT	EOP	PR IL ROUTE 47	2A			885.63								881.41					1*									
S8-50	202+19.00	98.93'	RT	COS	EX IRVING AVE	1B			887.36		881.24										1										
S8-51	202+11.00	15.00'	RT	COS	EX IRVING AVE	1B			886.40		880.30			880.80	879.80		880.30						1								
S8-52	180+62.96	9.00'	LT	EOP	PR IL ROUTE 47	2A			887.34					883.87								1*									
S8-53	177+82.00	33.00'	LT	EOP	PR IL ROUTE 47	PSA	2A	891.80	890.25					885.30			885.24					1*									
S8-54	178+08.00	33.00'	LT	EOP	PR IL ROUTE 47	PSA	2A	891.29	889.57								884.84					1*									
S8-55	178+08.00	40.00'	LT	COS	PR IL ROUTE 47	PSA	2A	*	890.03					884.81	884.68	884.83							1								

NOTES:

1. WHEN MANHOLE IS ADJACENT TO SIDEWALK, ROTATE TOP SECTION SO LID IS NOT IN THE PAVEMENT.

2. WHERE * IS INDICATED FOR TEMPORARY ELEVATION, THE STRUCTURE IS ASSUMED TO BE PLATED FOR THE FIRST PHASE THE STRUCTURE IS INSTALLED.

3. WHERE * IS INDICATED FOR CATCH BASIN STRUCTURE QUANTITY, A FLAT SLAB TOP SHALL BE USED.
4. BASED ON FIELD CONDITIONS, THE CONTRACTOR MAY NEED TO USE FLAT SLAB TOPS FOR GIVEN CATCH BASIN AND MANHOLE STRUCTURES WHERE THE MINIMUM DEPTH FROM FINISHED GRADE TO TOP OF PIPE IS NOT ACHIEVED. REFER TO SPECIFIC IDOT STRUCTURE AND FRAME & GRATE DETAILS FOR MINIMUM DEPTH REQUIREMENTS.

MODEL: Default
FILE: \\miller-prod\acomp\pdes\pdes\lry.com\AECOM_DS21_ILA_202101\Documents\60622011-IL-471905-CAD\1910_CAD\03_SHEETS\Drainage\1910X17-cell-Drain-SCH-PR01.dgn



303 EAST WACKER DRIVE, SUITE 1400
CHICAGO, IL 60601-5276
PHONE: (312) 373-7700 FAX: (312) 373-6800

USER NAME = CookT1	DESIGNED - EU	REVISED -
	DRAWN - EU	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED - EEE	REVISED -
PLOT DATE = 2/7/2025	DATE - 02/06/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY SCHEDULES

SCALE: NONE SHEET 40 OF 65 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	2024-1052-N,C,SW,FL	MCHENRY	941	450
		CONTRACT NO. 62X94		
		ILLINOIS	FED. AID PROJECT	

PROPOSED DRAINAGE STRUCTURE SCHEDULE

STRUCTURE	STATION	OFFSET		OFFSET LOCATION (EDGE OF PAVEMENT/FLOW LINE/ CENTER OF STRUCTURE)	BASELINE	CONSTRUCTION PHASE TO INSTALL STRUCTURE	CONSTRUCTION PHASE TO ADJUST STRUCTURE TO FINAL CONFIGURATION	TEMPORARY RIM (ELEV)	PROPOSED RIM (ELEV)	N INVERT (ELEV)	W INVERT (ELEV)	E INVERT (ELEV)	S INVERT (ELEV)	NE INVERT (ELEV)	NW INVERT (ELEV)	SE INVERT (ELEV)	SW INVERT (ELEV)	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	CATCH BASINS, TYPE C, TYPE 8 GRATE	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 9'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 6'-DIAMETER, WITH 2 TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	MANHOLES, TYPE A, 8'-DIAMETER, WITH 2 TYPE 1 FRAMES, CLOSED LID, RESTRICTOR PLATE	
S8-56	178+61.00	33.00'	LT	EOP	PR IL ROUTE 47	PSA	2A	890.23	888.48								884.47				1*										
S8-57	178+61.00	40.00'	LT	COS	PR IL ROUTE 47	PSA	2A	*	888.94					884.43	883.51	884.26							1								
S8-58	178+95.00	33.00'	LT	EOP	PR IL ROUTE 47	PSA	2A	*	888.00								883.93				1*										
S8-59	179+94.00	33.00'	LT	EOP	PR IL ROUTE 47	PSA	2A	888.28	887.28								882.74				1*										
S8-60	178+95.00	40.00'	LT	COS	PR IL ROUTE 47	PSA	2A	*	888.46					883.90	883.34	883.34							1								
S8-61	179+94.00	40.00'	LT	COS	PR IL ROUTE 47	PSA	2A	*	887.74					882.71	882.21	882.74								1							
S8-62	180+83.91	40.32'	LT	COS	PR IL ROUTE 47	PSA	2A	887.18	887.53						881.58	881.68	882.62							1							
S8-63	179+44.00	33.00'	LT	EOP	PR IL ROUTE 47	PSA	2A	888.95	887.60								883.69				1*										
S8-64	179+44.00	40.00'	LT	COS	PR IL ROUTE 47	PSA	2A	*	888.06					883.65	883.02	883.08							1								
S8-65	177+92.00	33.00'	RT	EOP	PR IL ROUTE 47	1A			889.98					885.13							1*										
S8-66	177+92.00	39.00'	RT	COS	PR IL ROUTE 47	1A			890.43						884.85	885.16	885.10						1								
S8-67	181+98.00	20.57'	RT	EOP	PR IL ROUTE 47	1B			887.32					881.76							1										
S8-68	181+98.00	40.99'	RT	COS	PR IL ROUTE 47	1B			887.77						880.91	880.91	881.66							1							
S8-69	180+12.00	33.00'	RT	EOP	PR IL ROUTE 47	1A			887.16					883.08							1*										
S8-70	180+12.00	39.50'	RT	COS	PR IL ROUTE 47	1A			887.61						883.00	883.11	883.05							1							
S8-71	180+45.00	33.00'	RT	EOP	PR IL ROUTE 47	1A			886.95						883.78						1*										
S8-72	180+45.00	39.50'	RT	COS	PR IL ROUTE 47	1A			887.41						882.75	882.84	883.75							1							
S8-73	186+04.64	3.33'	RT	EOP	PR IL ROUTE 47	2A			886.05						878.55	878.66					1										
S8-74	180+37.00	49.50'	LT	EOP	PR IL ROUTE 47	2A			887.98						884.00						1*										
S8-75	110+27.00	13.29'	LT	EOP	EX JUDD ST	1B			887.41					882.38			882.88				1*										
S8-76	110+54.51	22.12'	LT	EOP	EX JUDD ST	2A			887.20			882.73			882.23		882.23				1*										
S8-77	110+82.37	21.31'	LT	EOP	EX JUDD ST	2A			887.32		882.87										1*										
S8-78	202+34.37	40.12'	LT	EOP	EX IRVING AVE	1A			885.91								881.57				1*										
S8-79	185+19.00	70.30'	RT	EOP	PR IL ROUTE 47	1A			885.69					881.15	882.47	881.37					1*										
S8-80	201+64.51	7.77'	RT	COS	EX IRVING AVE	1B			886.67					880.54									1								

SHEET 8 TOTAL: 0 0 0 46 0 13 9 5 1 1 2 0 1

PROPOSED DRAINAGE AND UTILITY PLANS - SHEET 9

S9-01	191+48.00	42.50'	RT	COS	PR IL ROUTE 47	1A			894.39						889.21	888.96	888.96						1								
S9-02	191+50.00	35.77'	RT	EOP	PR IL ROUTE 47	1A			893.97					889.01							1*										
S9-03	193+00.00	31.01'	RT	EOP	PR IL ROUTE 47	1A			898.83							892.26					1										
S9-04	191+50.00	26.32'	LT	EOP	PR IL ROUTE 47	PSA	2A	*	893.97						885.81	885.80					1										
S9-05	193+00.00	30.99'	LT	EOP	PR IL ROUTE 47	PSA	2A	*	898.83							886.56					1										
S9-06	199+15.00	38.00'	RT	COS	PR IL ROUTE 47	1A			898.17						890.48	890.49	892.98								1						
S9-07	198+34.73	48.73'	RT	COS	PR IL ROUTE 47	1A			898.11						890.88	892.86	892.38								1						
S9-09	196+55.00	37.00'	RT	COS	PR IL ROUTE 47	1A			899.74						894.89		894.95						1								
S9-10	199+10.00	31.00'	RT	EOP	PR IL ROUTE 47	1A			897.02					893.11								1*									
S9-12	198+50.00	31.00'	LT	EOP	PR IL ROUTE 47	PSA	2A	896.12	896.75					893.28	893.29	893.29					1*										

NOTES:

1. WHEN MANHOLE IS ADJACENT TO SIDEWALK, ROTATE TOP SECTION SO LID IS NOT IN THE PAVEMENT.
2. WHERE * IS INDICATED FOR TEMPORARY ELEVATION, THE STRUCTURE IS ASSUMED TO BE PLATED FOR THE FIRST PHASE THE STRUCTURE IS INSTALLED.
3. WHERE * IS INDICATED FOR CATCH BASIN STRUCTURE QUANTITY, A FLAT SLAB TOP SHALL BE USED.
4. BASED ON FIELD CONDITIONS, THE CONTRACTOR MAY NEED TO USE FLAT SLAB TOPS FOR GIVEN CATCH BASIN AND MANHOLE STRUCTURES WHERE THE MINIMUM DEPTH FROM FINISHED GRADE TO TOP OF PIPE IS NOT ACHIEVED. REFER TO SPECIFIC IDOT STRUCTURE AND FRAME & GRATE DETAILS FOR MINIMUM DEPTH REQUIREMENTS.

PROPOSED DRAINAGE STRUCTURE SCHEDULE

STRUCTURE	STATION	OFFSET		OFFSET LOCATION (EDGE OF PAVEMENT/FLOW LINE/ CENTER OF STRUCTURE)	BASELINE	CONSTRUCTION PHASE TO INSTALL STRUCTURE	CONSTRUCTION PHASE TO ADJUST STRUCTURE TO FINAL CONFIGURATION	TEMPORARY RIM (ELEV)	PROPOSED RIM (ELEV)	N INVERT (ELEV)	W INVERT (ELEV)	E INVERT (ELEV)	S INVERT (ELEV)	NE INVERT (ELEV)	NW INVERT (ELEV)	SE INVERT (ELEV)	SW INVERT (ELEV)	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	CATCH BASINS, TYPE C, TYPE 8 GRATE	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 9'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 6'-DIAMETER, WITH 2 TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	MANHOLES, TYPE A, 8'-DIAMETER, WITH 2 TYPE 1 FRAMES, CLOSED LID, RESTRICTOR PLATE	
S9-14	196+50.00	31.00'	LT	EOP	PR IL ROUTE 47	PSA	2A	*	899.29						894.55		894.80				1*										
S9-15	196+50.00	51.00'	LT	EOP	PR IL ROUTE 47	2A			899.92					894.90				1*													
S9-16	198+34.57	31.27'	RT	EOP	PR IL ROUTE 47	1A			896.76					892.46			892.96				1*										
S9-17	196+50.00	31.00'	RT	EOP	PR IL ROUTE 47	1A			899.29					894.99							1*										
S9-18	197+30.00	31.00'	RT	EOP	PR IL ROUTE 47	1A			897.58					893.91							1*										
S9-19	197+48.71	50.18'	RT	COS	PR IL ROUTE 47	1A			898.29						893.50	894.00	893.78						1								
S9-20	197+94.64	31.00'	LT	EOP	PR IL ROUTE 47	PSA	2A	896.32	896.87						893.57	893.82					1*										
S9-21	198+87.70	31.00'	LT	EOP	PR IL ROUTE 47	PSA	2A	896.28	896.91							893.49					1*										
S9-22	198+68.58	31.00'	RT	EOP	PR IL ROUTE 47	1A			896.81					893.27							1*										
S9-23	198+68.88	45.39'	RT	COS	PR IL ROUTE 47	1A			898.06						890.71	890.72	893.20							1							
SHEET 9 TOTAL:																		1	0	0	13	0	3	0	3	0	0	0	0	0	

PROPOSED DRAINAGE AND UTILITY PLANS - SHEET 10

S10-01	68+57.00	28.50'	LT	COS	RTE120	PSA	1B	⌘	897.68					888.75	888.75	889.25												1		
S10-02	200+96.00	88.24'	RT	COS	PR IL ROUTE 47	1A			898.29				889.54	892.04	889.54		892.04										1			
S10-03	200+09.00	34.00'	RT	COS	PR IL ROUTE 47	1A			898.00					890.03		890.03	890.53										1			
S10-04	199+85.00	38.00'	RT	COS	PR IL ROUTE 47	1A			898.51						890.15	890.15	892.64							1						
S10-05	200+03.00	61.84'	LT	COS	PR IL ROUTE 47	1A			897.35	893.17				891.17	891.67	893.17							1							
S10-06	66+46.36	24.40'	RT	COS	RTE120	1A			898.09					892.01	892.51	892.03	892.11						1							
S10-08	200+27.00	71.00'	LT	COS	PR IL ROUTE 47	2A			897.51						891.91	891.81	891.91						1							
S10-09	200+82.86	90.00'	LT	COS	PR IL ROUTE 47	2B			898.23	892.63				893.13	893.13	892.13	892.13						1							
S10-10	201+26.75	71.05'	LT	COS	PR IL ROUTE 47	2B			898.36		893.89		892.89	892.95									1							
S10-11	202+00.00	40.00'	RT	COS	PR IL ROUTE 47	PSA	1B	⌘	899.06	890.04						889.04	892.04							1						
S10-13	204+59.37	37.00'	RT	COS	PR IL ROUTE 47	PSA	1B	*	898.19	891.91	893.41		891.41		893.41									1						
S10-14	204+59.37	31.00'	LT	EOP	PR IL ROUTE 47	1A			897.62			894.09								1*										
S10-15	205+70.87	34.00'	RT	COS	PR IL ROUTE 47	PSA	1B	⌘	897.55	893.72	893.47		892.47				893.47						1							
S10-16	207+91.87	29.00'	RT	COS	PR IL ROUTE 47	PSA	1A	898.81	900.12		895.95		895.85		896.10							1								
S10-17	68+50.00	21.10'	RT	EOP	RTE120	1A			897.69								892.23				1									
S10-18	68+28.00	26.24'	RT	EOP	RTE120	1A			897.80					892.22							1									
S10-19	199+80.00	31.00'	RT	EOP	PR IL ROUTE 47	1A			897.38					892.77							1*									
S10-20	199+75.15	55.74'	LT	EOP	PR IL ROUTE 47	1A			897.17						893.48															
S10-22	200+21.90	50.30'	LT	EOP	PR IL ROUTE 47	2A			897.51								893.39				1*									
S10-23	66+38.63	36.81'	RT	EOP	RTE120	1A			897.53						892.16						1									
S10-24	66+43.05	18.00'	RT	EOP	RTE120	1A			897.81							892.55	892.75				1*									
S10-25	66+20.28	18.05'	RT	EOP	RTE120	1A			897.98					892.86							1*									
S10-26	66+48.63	21.02'	LT	EOP	RTE120	1B			897.58					892.27			892.50				1*									
S10-27	66+10.00	18.14'	LT	EOP	RTE120	1B			897.37					892.69							1*									
S10-28	66+53.43	59.90'	LT	EOP	RTE120	2B			897.52			893.29								1*										

NOTES:

1. WHEN MANHOLE IS ADJACENT TO SIDEWALK, ROTATE TOP SECTION SO LID IS NOT IN THE PAVEMENT.
2. WHERE * IS INDICATED FOR TEMPORARY ELEVATION, THE STRUCTURE IS ASSUMED TO BE PLATED FOR THE FIRST PHASE THE STRUCTURE IS INSTALLED.
3. WHERE * IS INDICATED FOR CATCH BASIN STRUCTURE QUANTITY, A FLAT SLAB TOP SHALL BE USED.
4. BASED ON FIELD CONDITIONS, THE CONTRACTOR MAY NEED TO USE FLAT SLAB TOPS FOR GIVEN CATCH BASIN AND MANHOLE STRUCTURES WHERE THE MINIMUM DEPTH FROM FINISHED GRADE TO TOP OF PIPE IS NOT ACHIEVED. REFER TO SPECIFIC IDOT STRUCTURE AND FRAME & GRATE DETAILS FOR MINIMUM DEPTH REQUIREMENTS.

MODEL: Default
FILE: M:\aecom\pawson\lry.com\AECOM_DS21_ILA_2021\Documents\60622011-IL-471905-CAD\10_CAD\03_SHEETS\Drainage\106X17-cell-Drain-SCH-PR01.dgn



USER NAME = CookT1	DESIGNED - EU	REVISED -
	DRAWN - EU	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED - EEE	REVISED -
PLOT DATE = 2/7/2025	DATE - 02/06/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY SCHEDULES

SCALE: NONE SHEET 42 OF 65 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	2024-1052-N,C,SW,FL	MCHENRY	941	452
CONTRACT NO. 62X94				
		ILLINOIS	FED. AID PROJECT	

MODEL: Default
FILE NAME: pw:\laecom\ha-pw\ben\lev.com\AECOM_DS21_HA_2020\Documents\60632011-IL-47\900-CAD\910 CAD\03 SHEETS\Drainage\160X17-shi-Drain-SCH-PR-01.dgn

NOTES:

- AECOM**
303 EAST WACKER DRIVE, SUITE 1400
CHICAGO, IL 60601-5276
PHONE: (312) 373-7700 FAX: (312) 373-6800

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	2024-1052-N,C,SW,FL	MCHENRY	941	453
		CONTRACT NO. 62X94		
ILLINOIS		FED. AID PROJECT		

PROPOSED DRAINAGE STRUCTURE SCHEDULE

STRUCTURE	STATION	OFFSET		OFFSET LOCATION (EDGE OF PAVEMENT/FLOW LINE/ CENTER OF STRUCTURE)	BASELINE	CONSTRUCTION PHASE TO INSTALL STRUCTURE	CONSTRUCTION PHASE TO ADJUST STRUCTURE TO FINAL CONFIGURATION	TEMPORARY RIM (ELEV)	PROPOSED RIM (ELEV)	N INVERT (ELEV)	W INVERT (ELEV)	E INVERT (ELEV)	S INVERT (ELEV)	NE INVERT (ELEV)	NW INVERT (ELEV)	SE INVERT (ELEV)	SW INVERT (ELEV)	CATCH BASINS, TYPE A, 4"-DIAMETER, TYPE 1 FRAME, OPEN LID	CATCH BASINS, TYPE A, 4"-DIAMETER, TYPE 8 GRATE	CATCH BASINS, TYPE A, 4"-DIAMETER, TYPE 11 FRAME AND GRATE	CATCH BASINS, TYPE A, 4"-DIAMETER, TYPE 24 FRAME AND GRATE	CATCH BASINS, TYPE C, TYPE 8 GRATE	MANHOLES, TYPE A, 4"-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 5"-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 6"-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 7"-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 8"-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 9"-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 6"-DIAMETER, WITH 2 TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	MANHOLES, TYPE A, 8"-DIAMETER, WITH 2 TYPE 1 FRAMES, CLOSED LID, RESTRICTOR PLATE	
S12-12	170+80.00	7.06'	LT	EOP	LAKE	1B			939.93				933.96	933.93							1										
S12-13	171+15.00	22.00'	RT	EOP	LAKE	1A			938.50	934.45											1*										
SHEET 12 TOTAL:																		0	1	0	7	0	4	1	0	0	0	0	0	0	
PROPOSED DRAINAGE AND UTILITY PLANS - SHEET 13																															
S13-01	182+40.00	29.00'	LT	COS	LAKE	1A			938.13				932.90		932.80	933.04							1								
S13-03	182+45.00	22.90'	LT	EOP	LAKE	PSA	1A	*	937.94	933.05							933.32				1*										
S13-04	182+45.00	18.38'	RT	EOP	LAKE	1C			938.08					933.69	933.79						1*										
SHEET 13 TOTAL:																		0	0	0	2	0	1	0	0	0	0	0	0	0	
PROPOSED DRAINAGE AND UTILITY PLANS - SHEET 14																															
S14-01	140+20.00	21.00'	LT	COS	MCCONNELL	PSA	1A	*	926.72		914.85	919.53	914.85												1						
S14-03	140+23.65	80.15'	RT	COS	MCCONNELL	PSA	1A	*	926.88	915.35			915.35																		1
S14-07	141+00.00	21.00'	LT	COS	MCCONNELL	1A			927.14		919.94		922.00										1								
S14-08	141+00.00	13.68'	LT	EOP	MCCONNELL	1A			926.85	922.06			922.06								1*										
S14-09	141+00.00	18.75'	RT	EOP	MCCONNELL	1A			926.90	922.36											1*										
SHEET 14 TOTAL:																		0	0	0	2	0	1	0	1	0	0	0	0	0	1
PROPOSED DRAINAGE AND UTILITY PLANS - SHEET 15																															
S15-02	111+55.10	29.00'	LT	COS	EX E SOUTH ST	PSA	2A	*	911.85			899.95	899.30				900.50							1							
S15-03	111+36.00	17.00'	LT	EOP	EX E SOUTH ST	2A			911.20				900.90	900.70							1										
S15-04	111+36.00	17.00'	RT	EOP	EX E SOUTH ST	2A			911.20	901.10											1										
SHEET 15 TOTAL:																		0	0	0	2	0	0	1	0	0	0	0	0	0	0
PROPOSED DRAINAGE AND UTILITY PLANS - SHEET 16																															
S16-01	109+45.42	30.25'	LT	EOP	EX JUDD ST	1A			887.88					881.13							1										
S16-02	109+67.00	9.18'	RT	EOP	EX JUDD ST	1B			888.38					883.20							1										
SHEET 16 TOTAL:																		0	0	0	2	0	0	0	0	0	0	0	0	0	
PROPOSED DRAINAGE AND UTILITY PLANS - SHEET 17																															
S17-01	64+99.04	22.65	RT	COS	RTE120	1A			899.64		894.35			892.85			892.95								1						
S17-02	62+94.00	22.00'	RT	COS	RTE120	1A			902.09					894.74	896.24		894.84								1						
S17-03	62+32.41	18.82'	RT	COS	RTE120	1A			902.90					895.30											1						
S17-04	64+95.00	18.00'	RT	EOP	RTE120	1A			899.26			894.38			894.58						1*										
S17-05	64+95.00	18.00'	LT	EOP	RTE120	1B			899.26							894.76					1*										
S17-06	62+94.00	13.29'	RT	EOP	RTE120	1A			901.61						896.66	896.41					1*										
S17-07	63+03.00	12.93'	LT	EOP	RTE120	1B			901.52							897.08					1*										
S17-08	63+88.00	17.59'	RT	EOP	RTE120	1A			900.43			895.28			895.48						1*										
S17-09	63+88.00	17.54'	LT	EOP	RTE120	1B			900.44							895.66					1*										
S17-10	63+92.44	22.00'	RT	EOP	RTE120	1A			902.09		895.25			893.75			894.00								1						
SHEET 17 TOTAL:																		0	0	0	6	0	0	0	4	0	0	0	0	0	
PROPOSED DRAINAGE AND UTILITY PLANS - SHEET 18																															

NOTES:

1. WHEN MANHOLE IS ADJACENT TO SIDEWALK, ROTATE TOP SECTION SO LID IS NOT IN THE PAVEMENT.

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3. WHERE * IS INDICATED FOR CATCH BASIN STRUCTURE QUANTITY, A FLAT SLAB TOP SHALL BE USED.
4. BASED ON FIELD CONDITIONS, THE CONTRACTOR MAY NEED TO USE FLAT SLAB TOPS FOR GIVEN CATCH BASIN AND MANHOLE STRUCTURES WHERE THE MINIMUM DEPTH FROM FINISHED GRADE TO TOP OF PIPE IS NOT ACHIEVED. REFER TO SPECIFIC IDOT STRUCTURE AND FRAME & GRATE DETAILS FOR MINIMUM DEPTH REQUIREMENTS.

MODEL: Default
FILE: MCHENRY_Planetacomp-es-pw-bor-lev.com\AECOM_DS21_ILA_202101Documents\60632011-IL-471900-CAD\1910_CAD\03_SHEETS\Drainage\160X17-cell-Drain-SCH-PR01.dgn



USER NAME = CookT1	DESIGNED - EU	REVISED -
	DRAWN - EU	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED - EEE	REVISED -
PLOT DATE = 2/7/2025	DATE - 02/06/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY SCHEDULES

SCALE: NONE	SHEET 44 OF 65 SHEETS	STA. TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	2024-1052-N,C,SW,FL	MCHENRY	941	454
CONTRACT NO. 62X94				
		ILLINOIS	FED. AID PROJECT	

PROPOSED DRAINAGE STRUCTURE SCHEDULE

STRUCTURE	STATION	OFFSET			OFFSET LOCATION (EDGE OF PAVEMENT/FLOW LINE/ CENTER OF STRUCTURE)	BASELINE	CONSTRUCTION PHASE TO INSTALL STRUCTURE	CONSTRUCTION PHASE TO ADJUST STRUCTURE TO FINAL CONFIGURATION	TEMPORARY RIM (ELEV)	PROPOSED RIM (ELEV)	N INVERT (ELEV)	W INVERT (ELEV)	E INVERT (ELEV)	S INVERT (ELEV)	NE INVERT (ELEV)	NW INVERT (ELEV)	SE INVERT (ELEV)	SW INVERT (ELEV)	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	CATCH BASINS, TYPE C, TYPE 8 GRATE	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 9'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 6'-DIAMETER, WITH 2 TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	MANHOLES, TYPE A, 8'-DIAMETER, WITH 2 TYPE 1 FRAMES, CLOSED LID, RESTRICTOR PLATE		
S18-01	72+40.00	23.34'	LT	COS	RTE120	1B				898.55								887.06															
S18-02	70+07.96	24.64'	LT	COS	RTE120	PSA	1B	*		899.38					887.53		888.50	887.53															
S18-03	69+15.00	23.50'	LT	COS	RTE120	PSA	1B	*		897.98				890.22	887.85			888.31															
S18-04	70+08.50	18.00'	LT	EOP	RTE120	PSA	1B	*		898.93						890.06	890.56					1											
S18-05	70+40.00	17.99'	RT	EOP	RTE120	PSA	1A	*		899.31						890.80						1											
S18-06	69+01.00	18.00'	LT	EOP	RTE120	PSA	1B	*		897.42					890.29		890.50	890.79					1										
S18-07	69+01.40	18.10'	RT	EOP	RTE120	PSA	1A	*		897.42						890.86						1											
S18-08	68+67.00	18.44'	LT	EOP	RTE120	PSA	1B	*		897.40					891.13								1										
SHEET 18 TOTAL:																			0	0	0	5	0	0	0	0	3	0	0	0	0		
TOTALS:																			1	5	29	304	4	66	45	41	10	9	5	1	6		

NOTES:

1. WHEN MANHOLE IS ADJACENT TO SIDEWALK, ROTATE TOP SECTION SO LID IS NOT IN THE PAVEMENT.

2. WHERE * IS INDICATED FOR TEMPORARY ELEVATION, THE STRUCTURE IS ASSUMED TO BE PLATED FOR THE FIRST PHASE THE STRUCTURE IS INSTALLED.

3. WHERE * IS INDICATED FOR CATCH BASIN STRUCTURE QUANTITY, A FLAT SLAB TOP SHALL BE USED.
4. BASED ON FIELD CONDITIONS, THE CONTRACTOR MAY NEED TO USE FLAT SLAB TOPS FOR GIVEN CATCH BASIN AND MANHOLE STRUCTURES WHERE THE MINIMUM DEPTH FROM FINISHED GRADE TO TOP OF PIPE IS NOT ACHIEVED. REFER TO SPECIFIC IDOT STRUCTURE AND FRAME & GRATE DETAILS FOR MINIMUM DEPTH REQUIREMENTS.

PROPOSED FLARED END SECTION SCHEDULE

STRUCTURE	STATION	OFFSET	OFFSET LOCATION (EDGE OF PAVEMENT/ FLOW LINE/ CENTER OF STRUCTURE)	BASE LINE	PROPOSE D RIM (ELEV)	N INVERT (ELEV)	W INVERT (ELEV)	E INVERT (ELEV)	S INVERT (ELEV)	NE INVERT (ELEV)	NW INVERT (ELEV)	SE INVERT (ELEV)	SW INVERT (ELEV)	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 42"	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 54"	PRECAST REINFORCED CONCRETE FLARED END SECTIONS EQUIVALENT ROUND-SIZE 30"	STONE RIPRAP, CLASS A4	STONE RIPRAP, CLASS A5
					FT	FT	FT	FT	FT	FT	FT	FT	FT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	SQ YD	SQ YD
PROPOSED DRAINAGE AND UTILITY PLANS - SHEET 1																								
FES1-01	93+57.53	49.00'LT	COS	PR IL ROUTE 47	-						935.36						1						31	
FES1-02	99+58.52	137.00'LT	COS	PR IL ROUTE 47	-								944.80	1										
FES1-03A	94+98.00	88.00'LT	COS	PR IL ROUTE 47	-			937.00														1	39	
FES1-03B	94+95.00	68.73'RT	COS	PR IL ROUTE 47	-		938.00															1		
FES1-04	94+74.22	75.12'RT	COS	PR IL ROUTE 47	-				938.05								1						31	
FES1-05	94+91.05	96.73'LT	COS	PR IL ROUTE 47	-							936.55					1							
FES1-06	95+11.86	75.66'LT	COS	PR IL ROUTE 47	-			937.55									1						31	
FES1-23A	96+65.00	78.00'RT	COS	PR IL ROUTE 47	-				941.20								1						31	
FES1-23B	97+85.00	85.50'RT	COS	PR IL ROUTE 47	-	943.00											1							
SHEET 1 TOTAL:														1	0	0	6	0	0	0	0	2	164	0
PROPOSED DRAINAGE AND UTILITY PLANS - SHEET 2																								
FES2-01A	109+75.00	68.50'RT	COS	PR IL ROUTE 47		937.11									1								15	
FES2-01B	108+50.00	68.50'RT	COS	PR IL ROUTE 47					937.89						1									
FES2-34	104+95.00	67.00'RT	COS	PR IL ROUTE 47				942.23						1										
SHEET 2 TOTAL:														1	0	0	0	0	0	0	0	0	15	0
PROPOSED DRAINAGE AND UTILITY PLANS - SHEET 3																								
FES3-11	117+07.31	53.32' RT	COS	PR IL ROUTE 47				930.21									1							
SHEET 3 TOTAL:														0	0	0	0	1	0	0	0	0	0	0
PROPOSED DRAINAGE AND UTILITY PLANS - SHEET 4																								
FES4-01	137+52.00	104.00'RT	COS	PR IL ROUTE 47							917.00										1		89	
FES4-02	138+03.25	141.51'RT	COS	PR IL ROUTE 47							919.90			1									11	
FES4-03T	137+36.84	114.02'RT	COS	PR IL ROUTE 47									918.75					1					48	
FES4-76	135+88.25	36.00' RT	COS	PR IL ROUTE 47							920.60						1						31	
SHEET 4 TOTAL:														1	0	0	1	0	1	0	1	0	90	89
PROPOSED DRAINAGE AND UTILITY PLANS - SHEET 6																								
FES6-00	153+52.71	240.77' RT	COS	PR IL ROUTE 47	-							904.00						1						
FES6-01	153+44.47	153.82' RT	COS	PR IL ROUTE 47	-	904.00														1			58	
FES6-03	155+25.77	61.47' RT	COS	PR IL ROUTE 47	-				909.06											1				
SHEET 6 TOTAL:														0	0	0	0	1	0	2	0	0	58	0
PROPOSED DRAINAGE AND UTILITY PLANS - SHEET 8																								
FES8-11	184+51.96	161.61' RT	COS	PR IL ROUTE 47	-							879.36				1								
FES8-35	185+36.23	122.98' RT	COS	PR IL ROUTE 47	-						880.33					1							292	
SHEET 8 TOTAL:														0	0	2	0	0	0	0	0	0	292	0
PROPOSED DRAINAGE AND UTILITY PLANS - SHEET 12																								
FES12-01	176+49.15	139.41' RT	COS	LAKE	-								925.76		1									
SHEET 12 TOTAL:														0	1	0	0	0	0	0	0	0	0	0
PROPOSED DRAINAGE AND UTILITY PLANS - SHEET 14																								
FES14-03	140+27.61	115.37' RT	COS	MCCONNELL	-	915.53											1							
SHEET 14 TOTAL:														0	0	0	0	1	0	0	0	0	0	0
TOTALS:														3	1	2	7	3	1	2	1	2	618	89

MODEL: Default
FILE: MCHENRY_roadwork\pawber.lay.com\AECOM_DS21_ILA_202101Documents\60623011-IL-471905-CAD\010_CAD\03_SHEETS\Drainage\0160X17-sch-D-ain-SC4-PR-02.dgn



USER NAME = CookT1	DESIGNED - EU	REVISED -
	DRAWN - EU	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED - EEEY	REVISED -
PLOT DATE = 2/7/2025	DATE - 02/06/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY SCHEDULES

SCALE: NONE SHEET 46 OF 65 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	2024-1052-N,C,SW,FL	MCHENRY	941	456
		CONTRACT NO. 62X94		
		ILLINOIS	FED. AID PROJECT	

PROPOSED STORM SEWER PIPE SCHEDULE

[illegible]

NOTE:

1. WHERE A CONCRETE COLLAR WILL BE NEEDED, IT WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE STORM SEWER. SEE IDOT DISTRICT 1 DETAIL BD-7 FOR ADDITIONAL INFORMATION.



USER NAME = CookT1	DESIGNED - EU	REVISED -
	DRAWN - EU	REVISED -
PLOT SCALE = 100,0000" / in.	CHECKED - EEEY	REVISED -
PLOT DATE = 2/7/2025	DATE - 02/06/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DRAINAGE AND UTILITY SCHEDULES

SCALE: NONE	SHEET 47 OF 65 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	2024-1052-N,C,SW,FL	MCHENRY	941	457
		CONTRACT NO. 62X94		
		ILLINOIS	FED. AID PROJECT	

PROPOSED STORM SEWER PIPE SCHEDULE

PIPE	UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE	UPSTREAM INVERT ELEVATION	DOWNSTREAM INVERT ELEVATION	PIPE SLOPE (%)	CONCRETE COLLAR	STORM SEWERS, CLASS A, TYPE 1							STORM SEWERS, CLASS A, TYPE 2										STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE	STORM SEWERS, CLASS A, TYPE 2 EQUIVALENT ROUND-SIZE	TRENCH BACKFILL			
								12"	15"	18"	24"	30"	36"	42"	48"	54"	10"	12"	15"	18"	24"	30"	36"	42"	48"	54"	60"	12"	15"	18"	24"	30"	36"		42"	42"	42"
							CU YD	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT		FOOT	FOOT	FOOT
P2-10	S2-10	S2-09	933.03	932.91	1.71%		7																									2					
P2-11	S2-11	S2-08	932.71	932.09	0.51%					121																						39					
P2-12	S2-12	S2-11	932.93	932.74	0.51%					37																						12					
P2-13	S2-13	S2-44	931.50	931.11	0.61%												64															42					
P2-14	S2-14	S2-13	933.73	933.64	4.50%		2																									1					
P2-15	S2-15	S2-44	934.32	933.73	1.59%		37																									9					
P2-16	S2-16	S2-12	933.90	933.40	0.53%				95																							24					
P2-17	S2-17	S2-13	932.09	931.70	0.49%												80															54					
P2-18	S2-18	S2-17	935.00	934.90	5.00%		2																									0					
P2-20	S2-20	S2-16	934.55	933.95	0.32%			95	95																							60					
P2-21	S2-21	S2-20	935.56	935.03	0.78%		68																									17					
P2-22	S2-22	S2-17	933.11	932.29	0.98%												84															55					
P2-23	S2-23	S2-22	934.93	934.84	3.00%		3																									1					
P2-24	S2-24	S2-22	935.90	933.61	1.38%					166																						93					
P2-25	S2-25	S2-24	936.52	936.48	1.33%									3																		2					
P2-26	S2-26	S2-24	936.88	936.52	0.58%											62																29					
P2-27	S2-27	S2-26	937.34	937.13	0.78%									27																		10					
P2-28	S2-28	S2-27	937.89	937.59	0.60%		50																									11					
P2-29	S2-29	S2-24	937.80	936.40	1.20%											117																69					
P2-30	S2-30	S2-29	939.76	939.67	2.25%		4																									1					
P2-31	S2-31	S2-29	941.80	940.13	1.25%		134																									4					
P2-32	S2-32	S2-33	940.70	940.60	1.25%		8																									1					
P2-33	S2-33	S2-29	938.56	937.91	0.80%											81																44					
P2-34	S2-34	S2-31	942.00	941.80	0.47%		43																									9					
P2-34A	FES2-34	S2-34	942.23	942.00	0.88%																	26										0					
P2-35	S2-35	S2-37	942.10	941.97	1.44%		9																									2					
P2-36	S2-36	S2-37	941.05	940.96	1.50%		6																									2					
P2-37	S2-37	S2-33	939.87	938.56	0.69%											191																103					
P2-37A	ES2-37	S2-37	944.15	943.11	13.00%								8																			0					
P2-38	S2-38	S2-39	943.60	942.79	0.99%		82																									27					
P2-39	S2-39	S2-40	942.79	942.71	2.00%		4																									1					
P2-40	S2-40	S2-37	941.48	940.32	0.67%											174																89					
P2-41	S2-41	S2-40	942.12	941.48	0.67%											95																53					
P2-42	S2-42	S2-41	943.52	943.41	2.20%		5																									1					
P2-43	S2-43	S2-20	935.00	934.85	5.00%		3																									1					
P2-44	S2-44	S2-09	930.91	930.71	0.31%												64															44					

NOTE:

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PROPOSED STORM SEWER PIPE SCHEDULE

[illegible]

NOTE:

1. WHERE A CONCRETE COLLAR WILL BE NEEDED, IT WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE STORM SEWER. SEE IDOT DISTRICT 1 DETAIL BD-7 FOR ADDITIONAL INFORMATION.
2. WHERE AN * IS DENOTED WITH 54-INCH STORM SEWER LENGTH, THE CONTRACTOR SHALL USE THE 54-INCH EQUIVALENT ROUND-SIZE OF THE SPECIFIED STORM SEWER TYPE.



USER NAME = CookT1	DESIGNED - EU	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DRAINAGE AND UTILITY SCHEDULES

SCALE: NONE	SHEET 50 OF 65 SHEETS	STA. TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	2024-1052-N,C,SW,FL	MCHENRY	941	460
		CONTRACT NO. 62X94		
ILLINOIS		FED. AID PROJECT		

PROPOSED STORM SEWER PIPE SCHEDULE

PIPE	UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE	UPSTREAM INVERT ELEVATION	DOWNSTREAM INVERT ELEVATION	PIPE SLOPE (%)	CONCRETE COLLAR	STORM SEWERS, CLASS A, TYPE 1							STORM SEWERS, CLASS A, TYPE 2										STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN 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REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SE
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NOTE:

1. WHERE A CONCRETE COLLAR WILL BE NEEDED, IT WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE STORM SEWER. SEE IDOT DISTRICT 1 DETAIL BD-7 FOR ADDITIONAL INFORMATION.
2. WHERE AN * IS DENOTED WITH 54-INCH STORM SEWER LENGTH, THE CONTRACTOR SHALL USE THE 54-INCH EQUIVALENT ROUND-SIZE OF THE SPECIFIED STORM SEWER TYPE.

PROPOSED STORM SEWER PIPE SCHEDULE

[illegible]

NOTE:

1. WHERE A CONCRETE COLLAR WILL BE NEEDED, IT WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE STORM SEWER. SEE IDOT DISTRICT 1 DETAIL BD-7 FOR ADDITIONAL INFORMATION.

PROPOSED STORM SEWER PIPE SCHEDULE

PIPE	UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE	UPSTREAM INVERT ELEVATION	DOWNSTREAM INVERT ELEVATION	PIPE SLOPE (%)	CONCRETE COLLAR	STORM SEWERS, CLASS A, TYPE 1								STORM SEWERS, CLASS A, TYPE 2										STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE	STORM SEWERS, CLASS A, TYPE 2 EQUIVALENT ROUND-SIZE	TRENCH BACKFILL	
							12"	15"	18"	24"	30"	36"	42"	48"	54"	10"	12"	15"	18"	24"	30"	36"	42"	48"	54"	60"	12"	15"	18"	24"	30"	36"	42"	42"	42"	
						CU YD	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	CU YD
P6-03B	S6-03B	ES3-55A	902.21	901.97	0.51%																											21				
P6-03C	ES3-55A	CONCRETE COLLAR	898.75	898.74	0.23%	0.7																										9				
P6-04	S6-04	S6-03A	904.98	904.93	0.29%																											10				
P6-05	S6-05	S6-04	906.82	906.80	1.00%																											1				
P6-06	S6-06	S6-05	907.59	907.14	0.52%																											27				
P6-07	S6-07	S6-23	905.62	905.56	0.26%																											7				
P6-08	S6-08	S6-05	907.36	907.07	0.47%																											17				
P6-08A	S6-08A	S6-08	907.34	907.26	0.37%																											7				
P6-09	S6-09	S6-08	907.67	907.61	0.27%																											4				
P6-10	S6-10	S6-08	907.79	907.51	0.32%		87																									23				
P6-11	S6-11	S6-41	906.34	906.33	0.48%																											1				
P6-12	S6-12	S6-04	905.16	904.98	0.21%																									84	47					
P6-13	S6-13	S6-41	905.48	905.28	0.21%																									96	24					
P6-14	S6-14	S6-42	905.63	905.54	0.50%																									18	2					
P6-15	S6-15	S6-43	906.63	906.01	1.05%																									59	23					
P6-16	S6-16	S6-15	909.28	908.32	0.81%																											2				
P6-16A	S6-16	CONCRETE COLLAR	908.00	907.98	0.22%	0.3																										5				
P6-17	S6-17	S6-44	909.85	909.61	0.18%																											50				
P6-18	S6-18	S6-12	905.25	905.22	1.50%																											1				
P6-19	S6-19	S6-18	906.63	906.20	0.69%																											21				
P6-20	S6-20	S6-13	905.89	905.87	0.71%																											1				
P6-21	S6-21	S6-19	906.90	906.63	0.33%			82																								21				
P6-22	S6-22	S6-25	905.74	905.65	0.38%																											7				
P6-23	S6-23	S6-42	905.56	905.55	0.48%																											1				
P6-24	S6-24	S6-22	905.76	905.74	0.67%																											1				
P6-25	S6-25	S6-14	905.65	905.63	0.97%																											1				
P6-26	S6-26	S6-25	906.36	906.15	0.32%																											16				
P6-27	S6-27	S6-28	906.23	906.20	0.30%																											2				
P6-28	S6-28	S6-30	906.20	906.15	0.24%																											5				
P6-29	S6-29	S6-21	907.10	906.90	0.44%		45																									7				
P6-30	S6-30	S6-07	906.15	906.12	0.27%																										</					

NOTE:

1. WHERE A CONCRETE COLLAR WILL BE NEEDED, IT WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE STORM SEWER. SEE IDOT DISTRICT 1 DETAIL BD-7 FOR ADDITIONAL INFORMATION.



USER NAME = CookT1	DESIGNED - EU	REVISED -
	DRAWN - EU	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - EEEY	REVISED -
PLOT DATE = 2/7/2025	DATE - 02/06/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DRAINAGE AND UTILITY SCHEDULES

SCALE: NONE	SHEET 54 OF 65 SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	2024-1052-N,C,SW,FL	MCHENRY	941	464
		CONTRACT NO. 62X94		
ILLINOIS		FED. AID PROJECT		

PROPOSED STORM SEWER PIPE SCHEDULE

[illegible]

NOTE:

1. WHERE A CONCRETE COLLAR WILL BE NEEDED, IT WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE STORM SEWER. SEE IDOT DISTRICT 1 DETAIL BD-7 FOR ADDITIONAL INFORMATION.

PROPOSED STORM SEWER PIPE SCHEDULE

PIPE	UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE	UPSTREAM INVERT ELEVATION	DOWNSTREAM INVERT ELEVATION	PIPE SLOPE (%)	CONCRETE COLLAR	STORM SEWERS, CLASS A, TYPE 1								STORM SEWERS, CLASS A, TYPE 2										STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN 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PROPOSED STORM SEWER PIPE SCHEDULE

PIPE	UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE	UPSTREAM INVERT ELEVATION	DOWNSTREAM INVERT ELEVATION	PIPE SLOPE (%)	CONCRETE COLLAR	STORM SEWERS, CLASS A, TYPE 1							STORM SEWERS, CLASS A, TYPE 2										STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN 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PROPOSED STORM SEWER PIPE SCHEDULE

PIPE	UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE	UPSTREAM INVERT ELEVATION	DOWNSTREAM INVERT ELEVATION	PIPE SLOPE (%)	CONCRETE COLLAR	STORM SEWERS, CLASS A, TYPE 1						STORM SEWERS, CLASS A, TYPE 2										STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN 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NOTE:

1. WHERE A CONCRETE COLLAR WILL BE NEEDED, IT WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE STORM SEWER. SEE IDOT DISTRICT 1 DETAIL BD-7 FOR ADDITIONAL INFORMATION.



USER NAME = CookT1	DESIGNED - EU	REVISED -
	DRAWN - EU	REVISED -
PLOT SCALE = 100,0000 " / in,	CHECKED - EEY	REVISED -
PLOT DATE = 2/7/2025	DATE - 02/06/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DRAINAGE AND UTILITY SCHEDULES

SCALE: NONE	SHEET 59 OF 65 SHEETS	STA. TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	2024-1052-N,C,SW,FL	MCHENRY	941	469
		CONTRACT NO. 62X94		
ILLINOIS		FED. AID PROJECT		

PROPOSED STORM SEWER PIPE SCHEDULE

PIPE	UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE	UPSTREAM INVERT ELEVATION	DOWNSTREAM INVERT ELEVATION	PIPE SLOPE (%)	CONCRETE COLLAR	STORM SEWERS, CLASS A, TYPE 1								STORM SEWERS, CLASS A, TYPE 2										STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS) EQUIVALENT ROUND-SIZE	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE	STORM SEWERS, CLASS A, TYPE 2 EQUIVALENT ROUND-SIZE	TRENCH BACKFILL
P9-22	S9-22	S9-23	893.27	893.20	0.70%		10																											3			
P9-23	S9-23	S9-06	890.71	890.49	0.56%																													33			
SHEET 9 TOTAL :						0	37	141	89	13	0	0	0	0	0	0	406	149	0	0	0	0	127	0	0	0	147	0	141	0	0	0	0	0	714		
PROPOSED DRAINAGE AND UTILITY PLANS - SHEET 10																																					
P10-01	S10-01	S18-03	888.75	888.31	0.75%																	59												78			
P10-02	S10-02	S10-01	889.54	889.25	0.49%																	59												68			
P10-03	S10-03	S10-02	890.03	889.54	0.51%																	97												105			
P10-04	S10-04	S10-03	890.15	890.03	0.57%																	21												22			
P10-05	S10-05	S10-03	891.17	890.53	0.69%							93																						67			
P10-06	S10-06	S10-08	892.01	891.91	0.67%							15																						8			
P10-08	S10-08	S10-05	891.81	891.67	0.64%							22																						11			
P10-09	S10-09	S10-08	892.13	891.91	0.37%							59																						32			
P10-10	S10-10	S10-09	892.89	892.63	0.55%											47																		24			
P10-11	S10-11	S10-01	889.04	888.75	0.58%																	50												68			
P10-13	S10-13	S10-11	891.41	890.04	0.57%																241													239			
P10-14	S10-14	S10-13	894.09	893.41	1.08%		63																											19			
P10-15	S10-15	S10-13	892.47	891.91	0.53%							106																						53			
P10-16	S10-16	S10-15	895.85	893.72	0.98%			217																										60			
P10-17	S10-17	S10-02	892.23	892.04	1.73%											11																		6			
P10-18	S10-18	S10-02	892.22	892.04	1.80%											10																		6			
P10-19	S10-19	S10-04	892.77	892.64	3.25%											4																		2			
P10-20	S10-20	S10-05	893.48	893.17	1.19%																		26											7			
P10-22	S10-22	S10-05	893.39	893.17	1.16%		19																											6			
P10-23	S10-23	S10-06	892.16	892.03	1.30%							10																						5			
P10-24	S10-24	S10-06	892.55	892.51	1.33%																3													1			
P10-25	S10-25	S10-24	892.86	892.75	0.58%							19																						8			
P10-26	S10-26	S10-09	892.27	892.13	0.58%																													12			
P10-27	S10-27	S10-26	892.69	892.50	0.54%							35																						11			
P10-28	S10-28	S10-09	893.29	893.13	0.59%							27																						10			
P10-29	S10-29	S10-09	893.25	893.13	0.57%							21																						8			
P10-30	S10-30	S10-29	893.51	893.45	0.67%							9																						3			
P10-31	S10-31	S10-10	894.29	893.89	1.11%		36																											10			
P10-32	S10-32	S10-10	893.19	892.95	0.56%																													19			
P10-33	S10-33	S10-32	894.11	893.93	0.56%							32																						11			
P10-34	S10-34	S10-32	893.63	893.25	0.46%							83																						33			
P10-35	S10-35	S10-11	892.15	892.04	3.67%																													2			

NOTE:
1. WHERE A CONCRETE COLLAR WILL BE NEEDED, IT WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE STORM SEWER. SEE IDOT DISTRICT 1 DETAIL BD-7 FOR ADDITIONAL INFORMATION.



USER NAME = CookT1	DESIGNED - EU	REVISED -
	DRAWN - EU	REVISED -
PLOT SCALE = 100,000 ' / in.	CHECKED - EEE	REVISED -
PLOT DATE = 2/7/2025	DATE - 02/06/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY SCHEDULES

SCALE: NONE SHEET 60 OF 65 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	2024-1052-N,C,SW,FL	MCHENRY	941	470
			CONTRACT NO. 62X94	
		ILLINOIS	FED. AID PROJECT	

PROPOSED STORM SEWER PIPE SCHEDULE

PIPE	UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE	UPSTREAM INVERT ELEVATION	DOWNSTREAM INVERT ELEVATION	PIPE SLOPE (%)	CONCRETE COLLAR	STORM SEWERS, CLASS A, TYPE 1						STORM SEWERS, CLASS A, TYPE 2										STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN 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REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN 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REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER
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NOTE:

1. WHERE A CONCRETE COLLAR WILL BE NEEDED, IT WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE STORM SEWER. SEE IDOT DISTRICT 1 DETAIL BD-7 FOR ADDITIONAL INFORMATION.

PROPOSED STORM SEWER PIPE SCHEDULE

PIPE	UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE	UPSTREAM ELEVATION	DOWNSTREAM INVERT ELEVATION	PIPE SLOPE (%)	CONCRETE COLLAR	STORM SEWERS, CLASS A, TYPE 1										STORM SEWERS, CLASS A, TYPE 2										STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIRE
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NOTE:

1. WHERE A CONCRETE COLLAR WILL BE NEEDED, IT WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE STORM SEWER. SEE IDOT DISTRICT 1 DETAIL BD-7 FOR ADDITIONAL INFORMATION.

PROPOSED STORM SEWER PIPE SCHEDULE

PIPE	UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE	UPSTREAM INVERT ELEVATION	DOWNSTREAM INVERT ELEVATION	PIPE SLOPE (%)	CONCRETE COLLAR	STORM SEWERS, CLASS A, TYPE 1							STORM SEWERS, CLASS A, TYPE 2										STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWER (WATER MAIN REQUIREMENTS)	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE	STORM SEWERS, CLASS A, TYPE 2 EQUIVALENT ROUND-SIZE	TRENCH BACKFILL
	12 "	15 "	18 "	24 "	30 "	36 "	42 "	48 "	54 "	10 "	12 "	15 "	18 "	24 "	30 "	36 "	42 "	48 "	54 "	60 "	12 "	15 "	18 "	24 "	30 "	36 "	42 "	60 "	42 "	42 "	42 "							
CU YD	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	CU YD					
P18-03	S18-03	S18-02	887.85	887.53	0.34%														93														168					
P18-04	S18-04	S18-02	890.06	890.03	0.60%									5																			6					
P18-05	S18-05	S18-04	890.80	890.56	0.55%																	44											44					
P18-06	S18-06	S18-03	890.29	890.22	0.54%									13																			11					
P18-07	S18-07	S18-06	890.86	890.50	1.09%																			33									25					
P18-08	S18-08	S18-06	891.13	890.79	1.13%									30																			20					
SHEET 18 TOTAL :						0	0	0	0	0	0	0	0	30	0	18	0	0	0	0	328	0	0	44	0	33	0	0	0	0	0	0	0	744				
ROUNDED TOTAL						3	3,307	1,201	968	1,365	474	169	55	171	298	8	3,203	2,142	1,714	826	1,275	1,066	1,041	1,232	639	74	993	320	901	701	493	554	349	58	143	227	84	16,372

NOTE:
1. WHERE A CONCRETE COLLAR WILL BE NEEDED, IT WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE STORM SEWER. SEE IDOT DISTRICT 1 DETAIL BD-7 FOR ADDITIONAL INFORMATION.



USER NAME = CookT1	DESIGNED - EU	REVISED -
	DRAWN - EU	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED - EEY	REVISED -
PLOT DATE = 2/7/2025	DATE - 02/06/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY SCHEDULES

SCALE: SHEET 63 OF 65 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	2024-1052-N,C,SW,FL	MCHENRY	941	473
CONTRACT NO. 62X94				
		ILLINOIS	FED. AID PROJECT	

PROPOSED PIPE CULVERT SCHEDULE

PIPE	UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE	UPSTREAM INVERT ELEVATION	DOWNSTREAM INVERT ELEVATION	PIPE SLOPE (%)	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE	PIPE CULVERTS, CLASS D, TYPE 1		TRENCH BACKFILL
						30 "	15 "	24 "	
						FOOT	FOOT	FOOT	CU YD
PROPOSED DRAINAGE AND UTILITY PLANS - SHEET 1									
C1-03	FES1-03B	FES1-03A	938.00	937.00	0.64%	157			1084
C1-04	S1-04	FES1-04	938.11	938.00	0.65%			17	87
C1-23	FES1-23B	FES1-23A	943.00	941.20	1.49%			121	618
SHEET 1 TOTAL :						157	0	138	1788
PROPOSED DRAINAGE AND UTILITY PLANS - SHEET 2									
C2-01	FES2-01B	FES2-01A	937.89	937.11	0.62%		125		357
SHEET 2 TOTAL :						0	125	0	357
ROUNDED TOTAL						157	125	138	2145

MODEL: Default
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USER NAME = CookT1	DESIGNED - EU	REVISED -
	DRAWN - EU	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED - EEY	REVISED -
PLOT DATE = 2/7/2025	DATE - 02/06/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY SCHEDULES			
SCALE: NONE	SHEET 64 OF 65 SHEETS	STA.	TO STA.

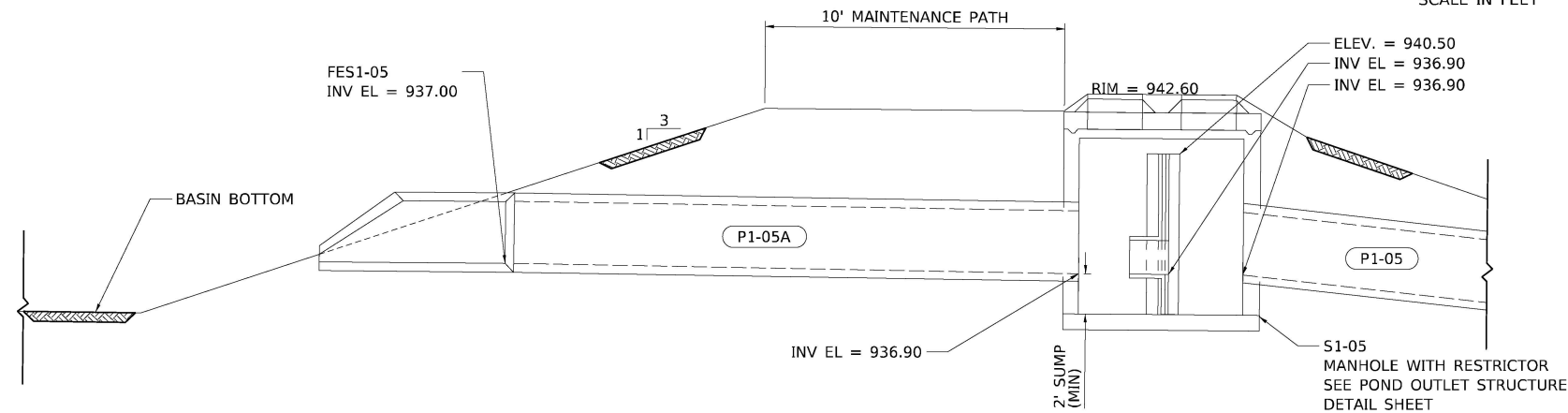
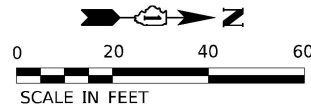
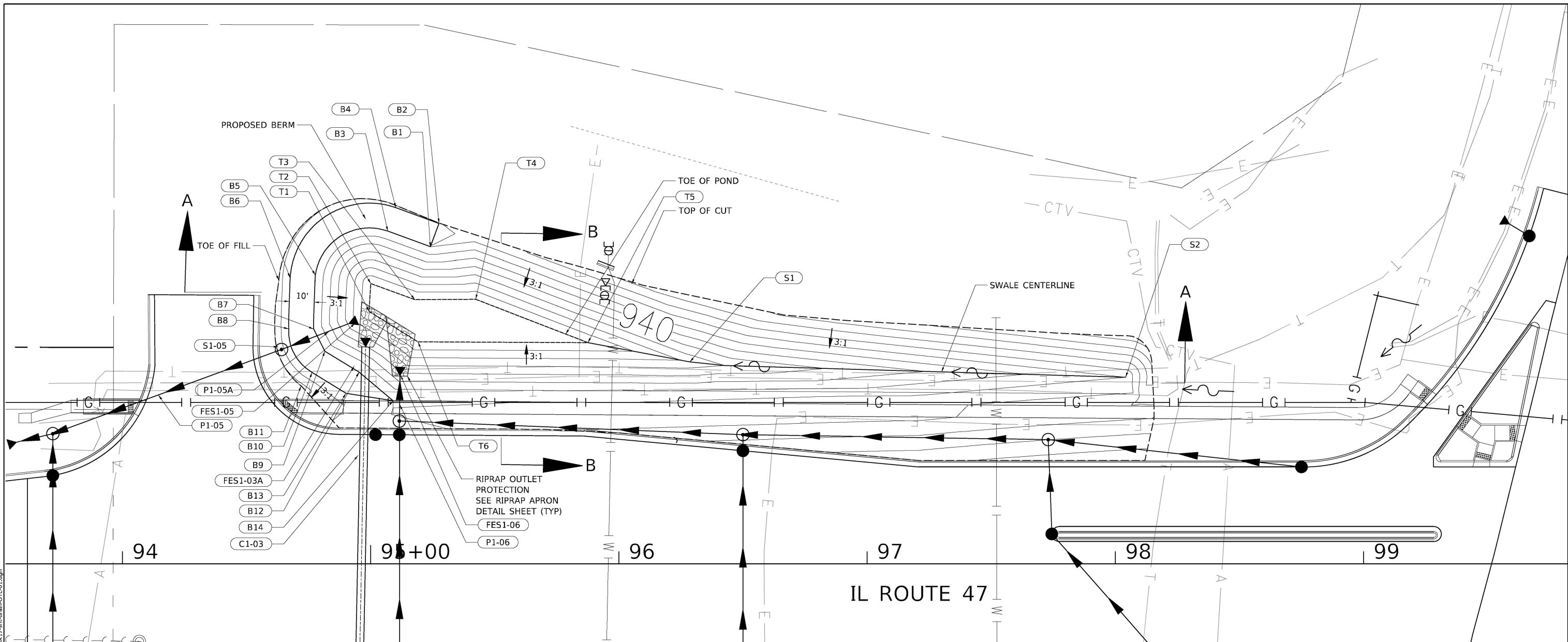
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	2024-1052-N,C,SW,FL	MCHENRY	941	474
CONTRACT NO. 62X94				
		ILLINOIS	FED. AID PROJECT	

PROPOSED PIPE UNDERDRAIN SCHEDULE

PIPE UNDERDRAIN	BASELINE	UPSTREAM		DOWNSTREAM			PIPE UNDERDRAINS (TYPE 2)	PIPE UNDERDRAINS (SPECIAL)**
		STATION	OFFSET	STRUCTURE NO.	STATION	OFFSET	4"	4"
							FOOT	FOOT
PROPOSED SUB-SURFACE	DRAINAGE PLANS - SHEET 3							
U3-01	PR IL ROUTE 47	116+98.50	-33.00	S3-27	118+22.00	-33.00	116	6
U3-02	PR IL ROUTE 47	118+25.00	-33.00	S3-26	118+70.00	-35.90	39	6
U3-03	PR IL ROUTE 47	118+70.00	0.00	S3-26	118+70.00	-35.90	30	6
U3-04	PR IL ROUTE 47	118+70.00	0.00	S3-21	118+70.00	33.00'	27	6
U3-05	PR IL ROUTE 47	118+26.00	33.00	S3-21	118+70.00	33.00'	38	6
U3-06	PR IL ROUTE 47	117+45.00	33.00	S3-22	118+22.00	33.00	71	6
U3-07	PR IL ROUTE 47	117+10.50	33.00	S3-29	117+41.00	33.00	24	6
SHEET 3 TOTAL:							345	42
PROPOSED SUB-SURFACE	DRAINAGE PLANS - SHEET 6							
U6-01	PR IL ROUTE 47	155+90.00	33.00	S6-11	156+50.00	33.00	48	12
U6-02	PR IL ROUTE 47	156+50.00	33.00	S6-20	157+41.00	33.00	79	12
U6-03	PR IL ROUTE 47	156+76.00	-33.00	S6-11	156+50.00	33.00	60	6
U6-04	PR IL ROUTE 47	157+25.00	-33.00	S6-28	157+75.00	-33.00	38	12
U6-05	PR IL ROUTE 47	157+41.00	33.00	S6-23	157+82.00	33.00	29	12
U6-06	PR IL ROUTE 47	157+83.06	0.00	S6-23	157+83.06	33.00	28	6
U6-07	PR IL ROUTE 47	157+89.00	0.00	S6-27	157+89.00	-33.00	27	6
U6-08	PR IL ROUTE 47	158+05.00	33.00	S6-23	157+82.00	33.00	11	12
U6-09	PR IL ROUTE 47	158+25.00	-33.00	S6-27	157+89.00	-33.00	24	12
U6-10	PR IL ROUTE 47	159+30.00	33.00	S6-24	158+40.00	33.00	78	12
U6-11	PR IL ROUTE 47	159+87.00	-33.00	S6-26	158+25.00	-33.00	150	12
U6-12	PR IL ROUTE 47	159+95.00	33.00	S6-38	159+30.00	33.00	53	12
SHEET 6 TOTAL:							625	126
PROPOSED SUB-SURFACE	DRAINAGE PLANS - SHEET 8							
U8-01	PR IL ROUTE 47	179+43.98	-33.00	S8-59	179+94.00	-33.00	38	12
U8-02	PR IL ROUTE 47	179+94.00	-33.00	S8-24	181+30.12	-35.27	125	12
U8-03	PR IL ROUTE 47	181+30.38	0.00	S8-24	181+30.12	-35.27	30	6
U8-04	PR IL ROUTE 47	181+15.73	0.00	S8-05	181+16.07	29.88	24	6
U8-05	PR IL ROUTE 47	180+52.00	33.00	S8-05	181+16.07	29.88	52	12
U8-06	PR IL ROUTE 47	180+12.00	33.00	S8-71	180+45.00	33.00	21	12
U8-07	PR IL ROUTE 47	179+30.00	33.00	S8-69	180+12.00	33.00	70	12
U8-08	PR IL ROUTE 47	185+51.71	36.88	S8-32	185+50.00	6.30	25	6
U8-09	PR IL ROUTE 47	186+04.70	3.33	S8-32	185+50.00	6.30	43	12
U8-10	PR IL ROUTE 47	187+00.00	-2.00	S8-73	186+04.70	3.33	84	12
U8-11	PR IL ROUTE 47	185+58.15	36.68	S8-19	185+60.00	67.85	26	6
U8-12	PR IL ROUTE 47	186+60.00	62.41	S8-19	185+60.00	67.85	89	12
U8-13	PR IL ROUTE 47	187+60.00	56.98	S8-40	186+60.00	62.41	89	12
SHEET 8 TOTAL:							716	132
PROPOSED SUB-SURFACE	DRAINAGE PLANS - SHEET 10							
U10-01	PR IL ROUTE 47	205+84.86 R 2	0.00	S10-45	205+84.86 R 2	-31.00	25	6
U10-02	PR IL ROUTE 47	205+78.51 R 2	0.00	S10-42	205+78.51 R 2	23.90	18	6
U10-03	PR IL ROUTE 47	207+91.87 R 2	-25.33	S10-45	205+84.86 R 2	-31.00	195	12
U10-04	PR IL ROUTE 47	207+91.87 R 2	17.51	S10-42	205+78.51 R 2	23.90	202	12
SHEET 10 TOTAL:							440	36
TOTALS							2126	336

NOTES:
** FOR PIPE UNDERDRAIN SPECIAL, LENGTHS ARE SPECIFIED IN MULTIPLES OF 6-FEET. 6-FEET OF THE PIPE UNDERDRAIN SPECIAL IS TO BE PLACED AT THE END OF THE UNDERDRAIN SEGMENTS FOR CONNECTION TO THE SPECIFIED STRUCTURE NO. WHEN 12-FEET LENGTH IS SPECIFIED, 6-FEET OF PIPE UNDERDRAIN SPECIAL IS TO BE PLACED ON BOTH THE UPSTREAM AND DOWNSTREAM END OF THE UNDERDRAIN.

MODEL Default
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DETENTION BASIN OUTLET DETAIL
(NOT TO SCALE)

STORMWATER BASIN VOLUME		
ELEVATION	VOLUME (AC-FT)	COMMENT
935.00	0.000	
936.90	0.037	WATER QUALITY VOLUME
937.00	0.043	
938.00	0.114	
939.00	0.211	
940.00	0.340	
941.00	0.509	MAX DESIGN VOLUME / 1' FREEBOARD
942.00	0.728	TOP OF BERM

NOTES

- SEE DRAINAGE AND UTILITY PLAN AND PROFILES AND SCHEDULES FOR ALL PIPE LOCATION AND ELEVATION INFORMATION.
- SEE POND OUTLET STRUCTURE DETAILS FOR OUTLET INFORMATION.
- CROSS SECTIONS ARE SHOWN ON NEXT SHEET.

GRADING COORDINATES					
POINT	NORTHING	EASTING	ELEVATION	RADIUS (FT)	NOTE
B1	2049632.13	957100.55	942.00		BERM
B2	2049635.49	957091.07	942.00		BERM
B3	2049615.44	957095.07	942.00	22.20	BERM, PC
B4	2049617.85	957084.80	942.00	31.80	BERM, PC
B5	2049585.76	957114.08	942.00	22.20	BERM, PC
B6	2049575.70	957113.13	942.00	31.80	BERM, PC
B7	2049585.35	957133.98	942.00		BERM, PI
B8	2049575.24	957133.76	942.00	20.00	BERM, PC
B9	2049590.02	957142.31	942.00		BERM, PI
B10	2049584.98	957150.85	942.00	20.00	BERM, PC
B11	2049580.56	957156.35	939.68	28.00	TOE SLOPE, PC
B12	2049603.79	957151.18	942.00		BERM, PI
B13	2049598.62	957159.83	942.00		BERM, PI
B14	2049617.67	957162.62	942.00		BERM, PI
S1	2049737.01	957146.00	937.20		CENTERLINE SWALE
S2	2049912.52	957150.75	942.00		
T1	2049607.67	957126.75	935.00		
T2	2049608.26	957115.50	935.00		
T3	2049626.07	957121.80	935.00		
T4	2049650.61	957121.42	935.00		
T5	2049695.99	957138.65	935.00		
T6	2049627.46	957137.67	935.00		



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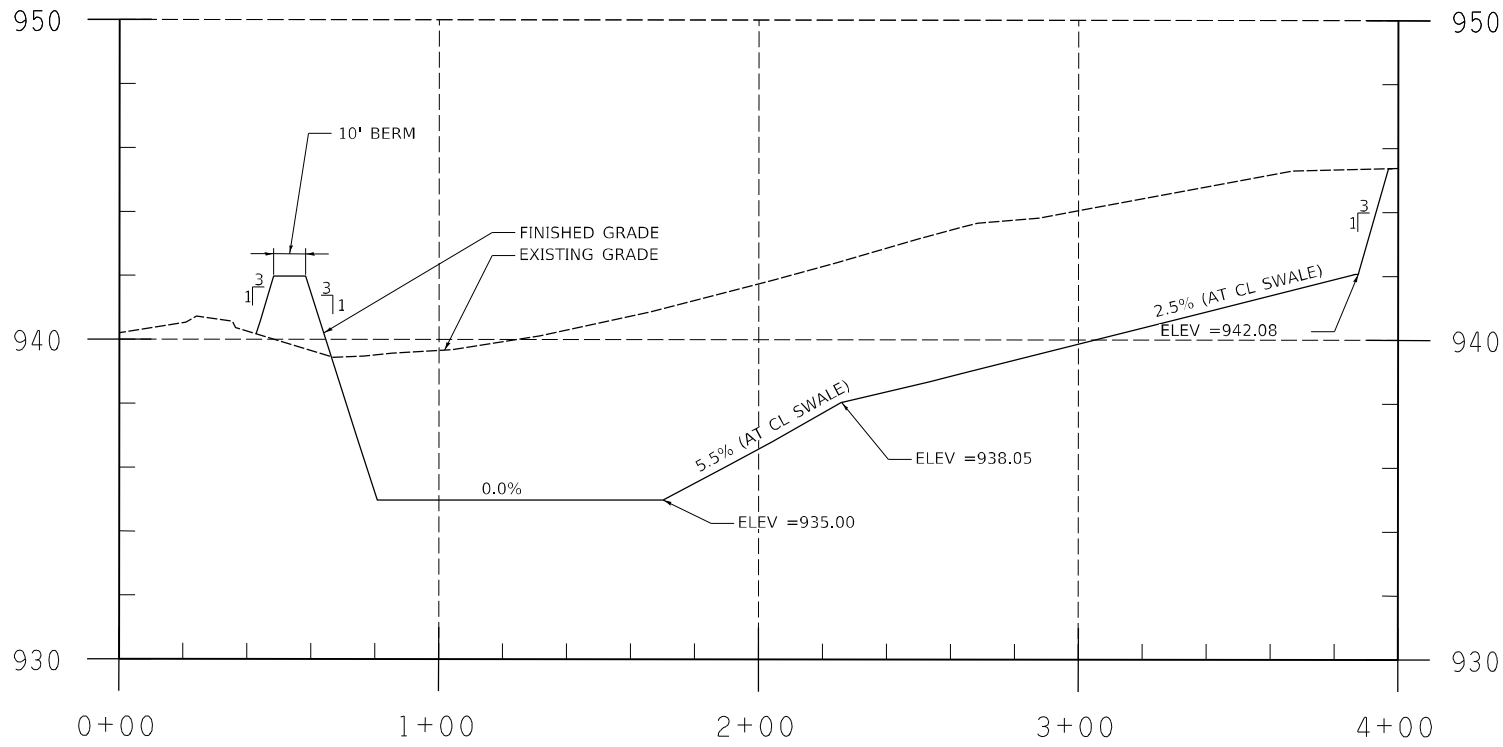
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETENTION POND SITE 1
LAYOUT DETAIL

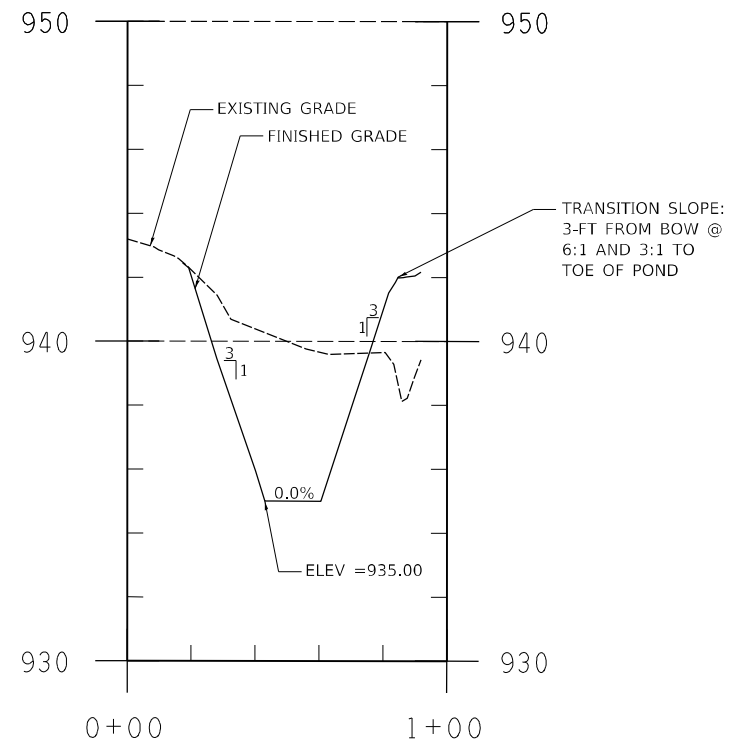
SCALE: SHEET 1 OF 10 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	2024-1052-N,C,SW,FL	MCHENRY	941	476
CONTRACT NO. 62X94				
ILLINOIS FED. AID PROJECT				

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Pond 1 A-A



Pond 1 B-B



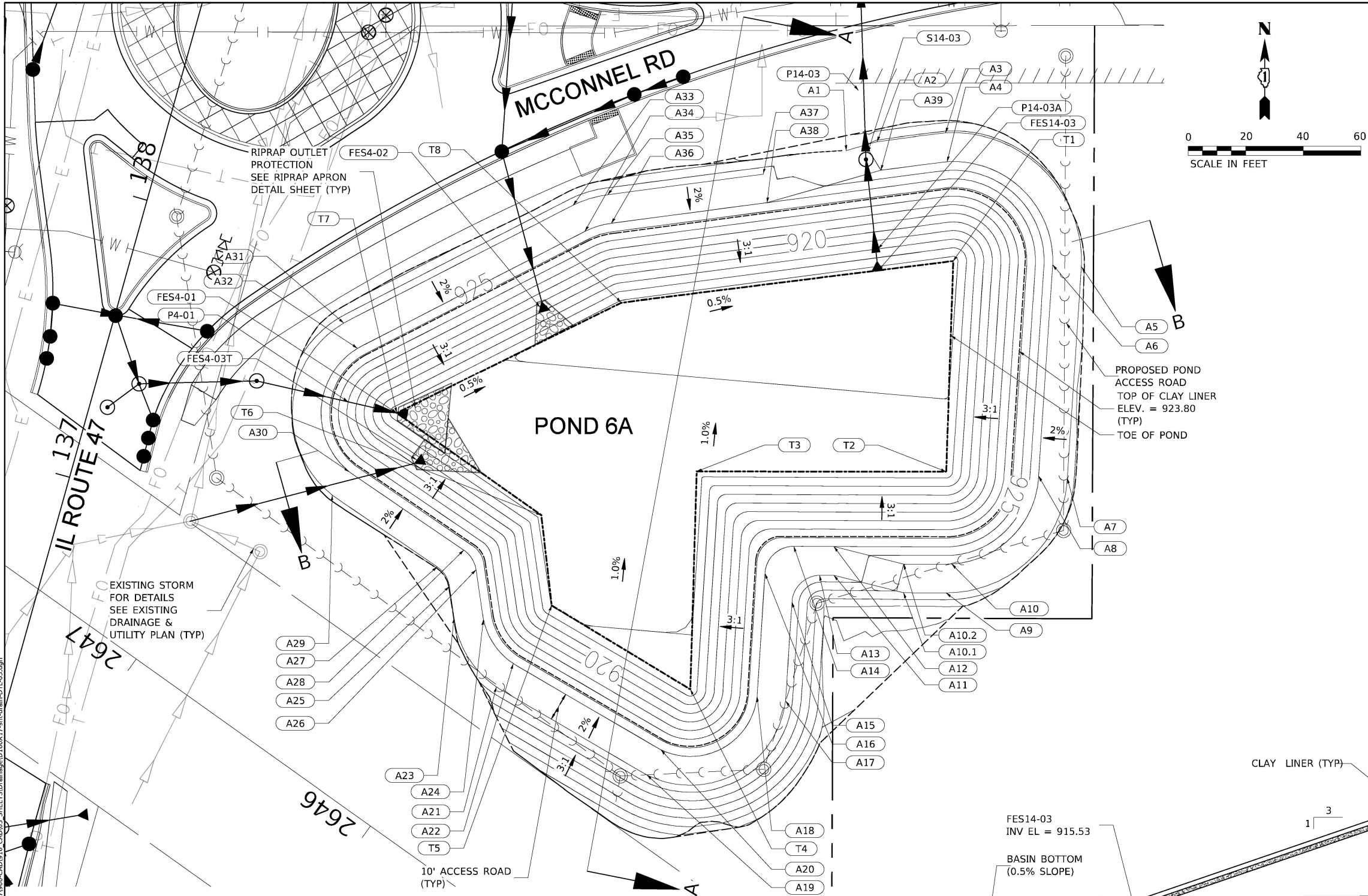
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

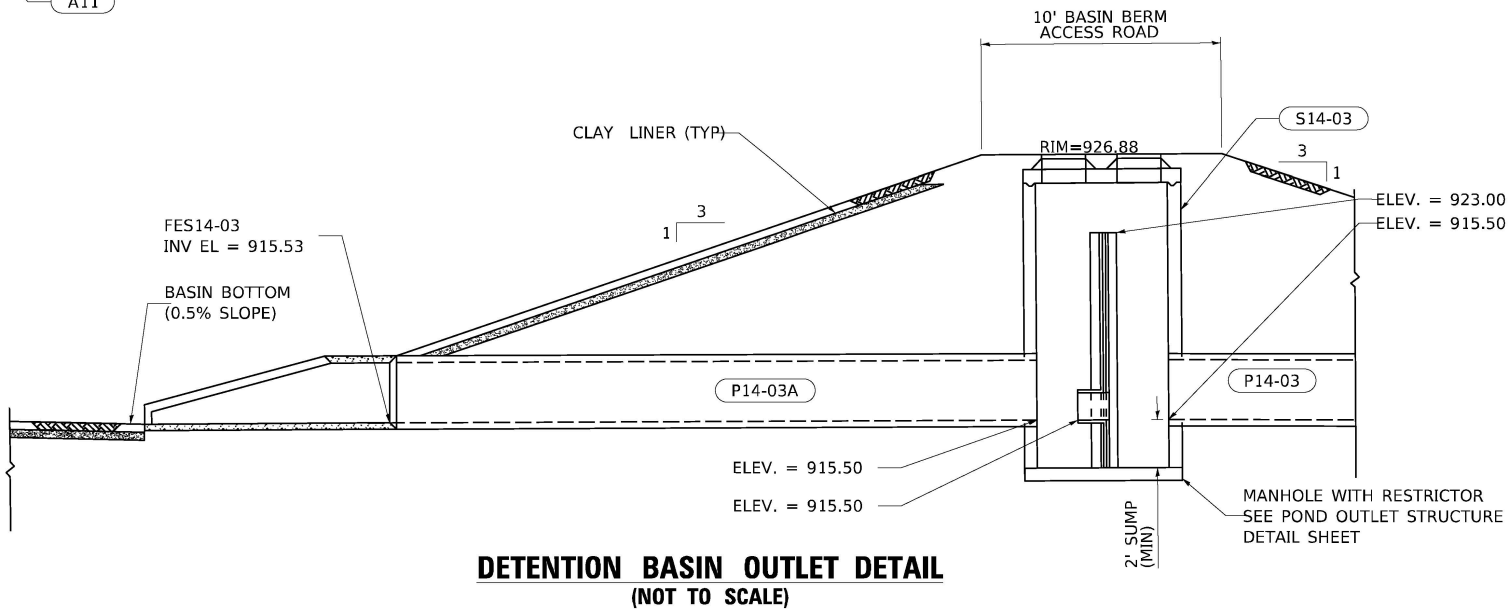
DETENTION POND SITE 1
CROSS SECTIONS

SCALE: SHEET 2 OF 10 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	2024-1052-N,C,SW,FL	MCHENRY	941	477
CONTRACT NO. 62X94				
ILLINOIS FED. AID PROJECT				



GRADING COORDINATES					
POINT	NORTHING	EASTING	ELEVATION	RADIUS (FT)	NOTE
A1	2053881.47	957823.05	926.66		ACCESS ROAD, PI, GB
A2	2053884.53	957833.77	927.20		ACCESS ROAD, PI, GB
A3	2053887.56	957857.60	927.20	44.50	ACCESS ROAD, PC
A4	2053877.57	957858.14	927.00	34.50	ACCESS ROAD, PC
A5	2053841.02	957904.84	927.20	44.50	ACCESS ROAD, PC
A6	2053841.69	957894.86	927.00	34.50	ACCESS ROAD, PC
A7	2053767.60	957899.95	927.20	42.00	ACCESS ROAD, PC
A8	2053768.34	957889.98	927.00	32.00	ACCESS ROAD, PC
A9	2053727.67	957857.77	927.20	42.00	ACCESS ROAD, PC
A10	2053737.82	957859.75	926.98	32.00	ACCESS ROAD, PC
A10.1	2053727.78	957842.86	927.20		ACCESS ROAD, PI, GB
A10.2	2053737.73	957843.04	927.00		ACCESS ROAD, PI, GB
A11	2053733.82	957818.73	925.20		ACCESS ROAD, PI, GB
A12	2053743.79	957818.87	925.00		ACCESS ROAD, PI, GB
A13	2053733.83	957813.76	925.20	10.00	ACCESS ROAD, PC
A14	2053743.87	957804.80	925.00	10.00	ACCESS ROAD, PC
A15	2053724.47	957804.17	925.20	10.00	ACCESS ROAD, PC
A16	2053734.50	957794.79	925.00	10.00	ACCESS ROAD, PC
A17	2053690.13	957801.96	925.20	23.40	ACCESS ROAD, PC
A18	2053691.63	957792.07	925.00	33.40	ACCESS ROAD, PC
A19	2053664.39	957753.74	925.20	23.40	ACCESS ROAD, PC
A20	2053673.17	957758.54	925.00	33.40	ACCESS ROAD, PC
A21	2053695.01	957701.41	925.20	34.20	ACCESS ROAD, PC
A22	2053703.11	957707.29	925.00	24.20	ACCESS ROAD, PC
A23	2053719.08	957686.70	925.20	34.20	ACCESS ROAD, PC
A24	2053718.46	957696.92	925.00	24.20	ACCESS ROAD, PC
A25	2053729.95	957685.09	925.20	10.00	ACCESS ROAD, PC
A26	2053735.74	957694.34	925.00	10.00	ACCESS ROAD, PC
A27	2053736.75	957680.83	925.20	10.00	ACCESS ROAD, PC
A28	2053742.54	957690.08	925.00	10.00	ACCESS ROAD, PC
A29	2053761.74	957644.32	925.20	36.30	ACCESS ROAD, PC
A30	2053769.80	957650.25	925.00	26.30	ACCESS ROAD, PC
A31	2053821.52	957648.34	925.20	36.30	ACCESS ROAD, PC
A32	2053812.75	957653.14	925.00	26.30	ACCESS ROAD, PC
A33	2053862.45	957728.05	925.20	38.00	ACCESS ROAD, PC
A34	2053853.36	957732.22	925.00	27.60	ACCESS ROAD, PC
A35	2053866.10	957740.10	925.20	38.00	ACCESS ROAD, PC
A36	2053856.18	957741.41	925.00	27.60	ACCESS ROAD, PC
A37	2053873.25	957794.20	925.00		ACCESS ROAD, PI, GB
A38	2053863.34	957795.51	927.00		ACCESS ROAD, PI, GB
A39	2053874.62	957835.08	925.20		ACCESS ROAD, PI, GB
T1	2053843.04	957860.28	915.46		TOE
T2	2053769.83	957857.85	916.28		
T3	2053769.91	957771.08	916.37		
T4	2053694.14	957768.84	917.21		
T5	2053723.29	957720.63	916.93		
T6	2053754.71	957717.04	916.59		
T7	2053790.26	957666.73	916.24		
T8	2053828.61	957744.85	915.74		



STORMWATER BASIN VOLUME		
ELEVATION	VOLUME (AC-FT)	COMMENT
915.6	0.000	
916	0.015	
917	0.227	
918	0.588	
919	0.996	
920	1.447	
921	1.944	
922	2.486	
923	3.076	MAX DESIGN VOLUME / 2' FREEBOARD
924	3.715	
925	4.404	EDGE OF ACCESS ROAD

NOTES

- SEE DRAINAGE AND UTILITY PLAN AND PROFILES AND SCHEDULES FOR ALL PIPE LOCATION AND ELEVATION INFORMATION.
- SEE POND OUTLET STRUCTURE DETAILS FOR OUTLET INFORMATION.
- CROSS SECTIONS ARE SHOWN ON NEXT SHEET.
- IMPERVIOUS CLAY LINER REQUIRED FOR POND BELOW ELEVATION 923.80. SEE NEXT SHEET FOR LIMITS OF CLAY LINER CONSTRUCTION.

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CHECKED - JRG
DATE - 02/06/2025

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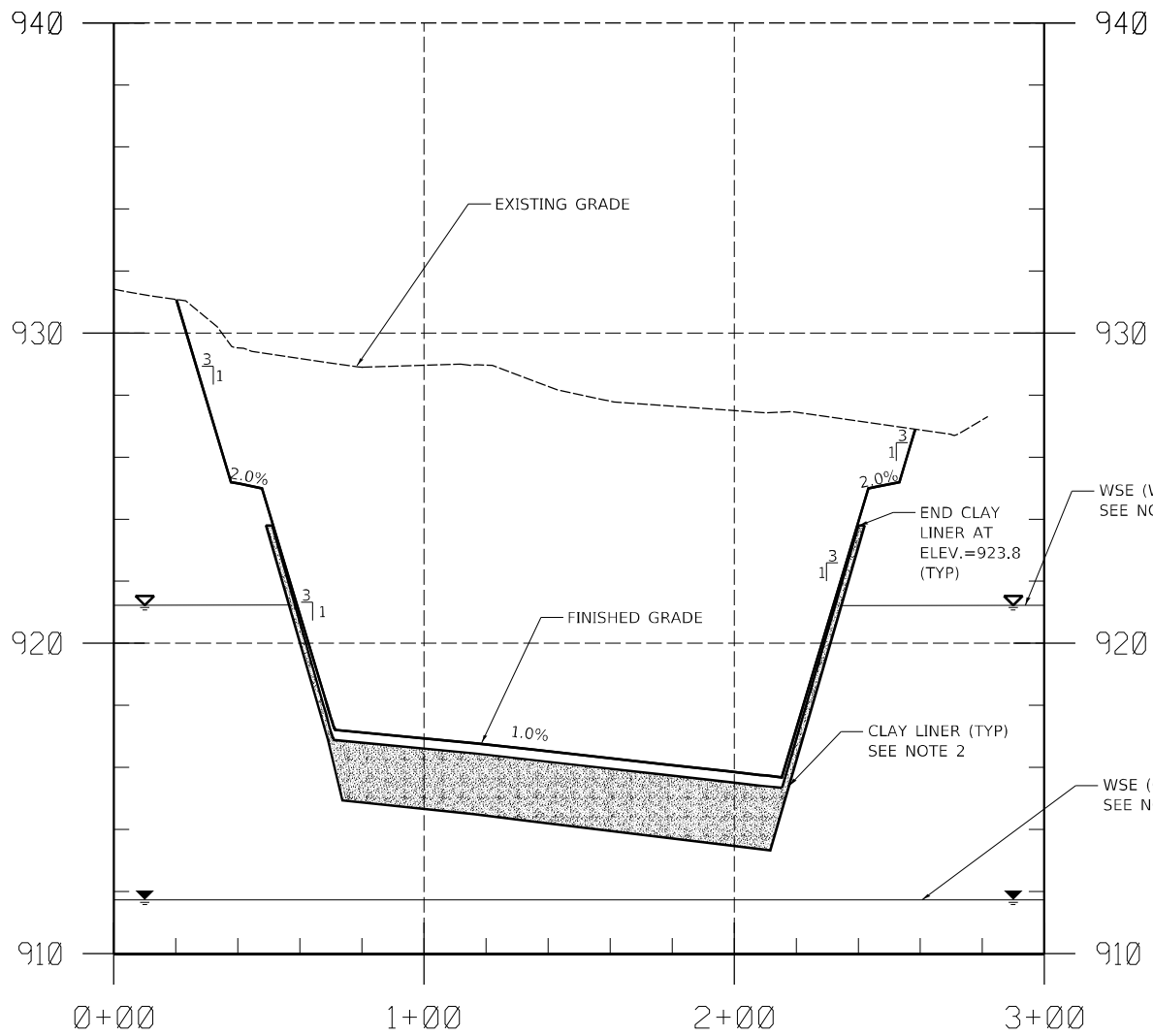
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETENTION POND SITE 6A
POND DETAIL

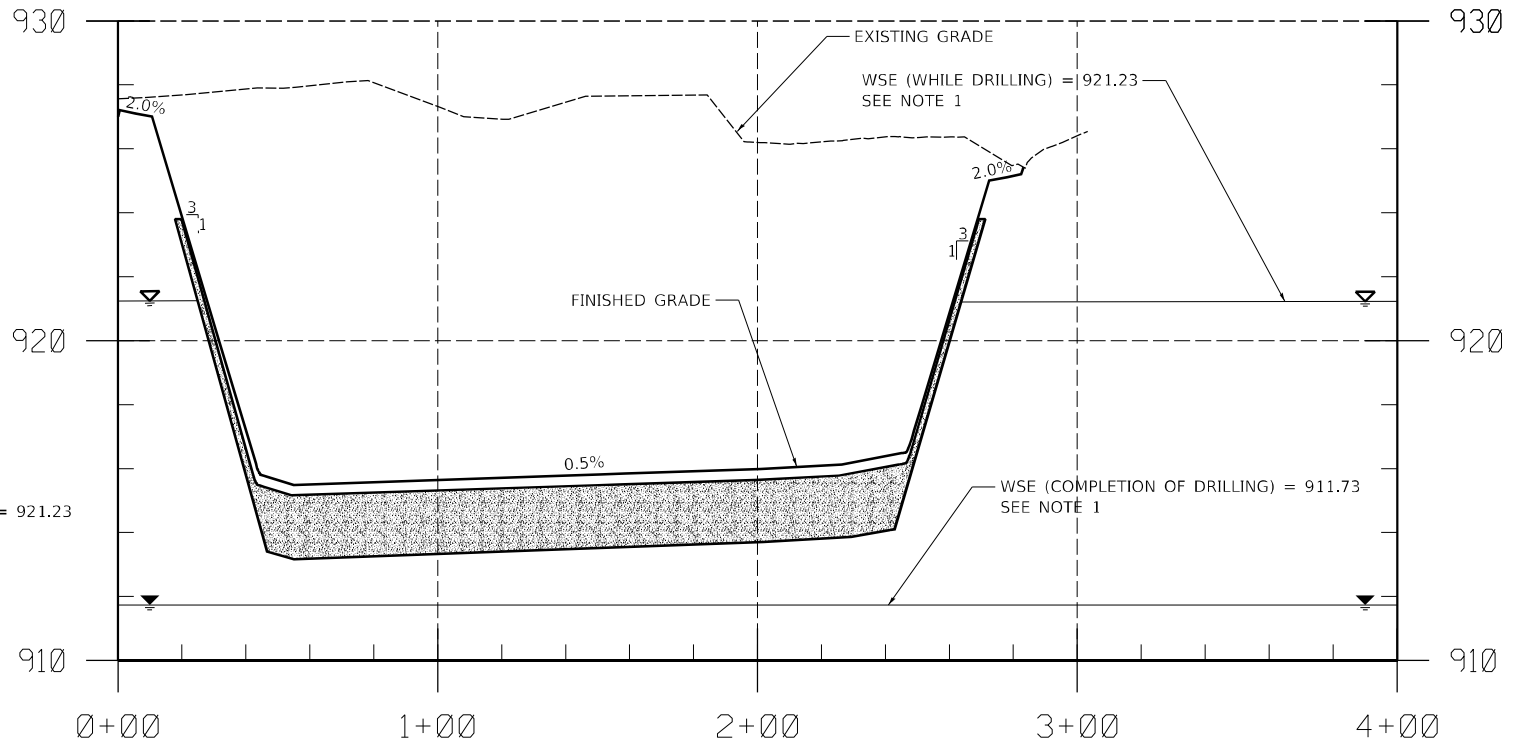
SCALE: SHEET 3 OF 10 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	2024-1052-N,C,SW,FL	MCHENRY	941	478
CONTRACT NO. 62X94				
ILLINOIS FED. AID PROJECT				

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Pond 6A A-A



Pond 6A B-B

- NOTES:
1. WATER SURFACE ELEVATIONS DISPLAYED IN POND SECTIONS REPRESENT WATER SURFACE ELEVATIONS RECORDED DURING GEOTECHNICAL EXPLORATION AT BORING SITE DPB-02. REFER TO THE GEOTECHNICAL REPORT FOR ADDITIONAL INFORMATION REGARDING BORING LOG DATA FOR THIS SITE.
 2. FOR CONSTRUCTION AND OBSERVATION SPECIFICATIONS REGARDING THE CLAY LINER, REFER TO THE CLAY LINER SPECIAL PROVISION.



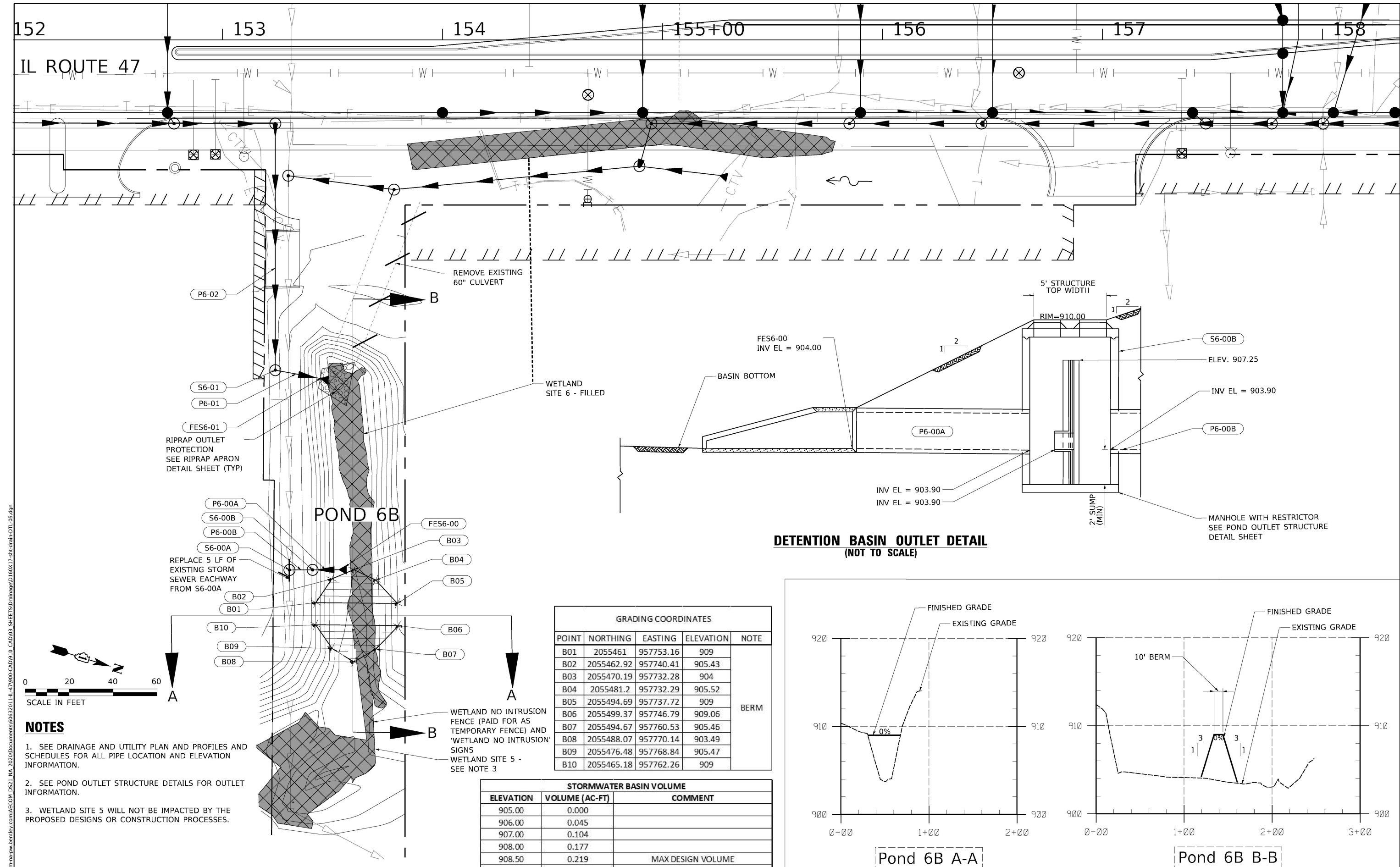
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PLOT DATE = 2/7/2025	DATE - 02/06/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETENTION POND SITE 6A
CROSS SECTIONS

SCALE: SHEET 4 OF 10 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	2024-1052-N,C,SW,FL	MCHENRY	941	479
CONTRACT NO. 62X94				
ILLINOIS FED. AID PROJECT				

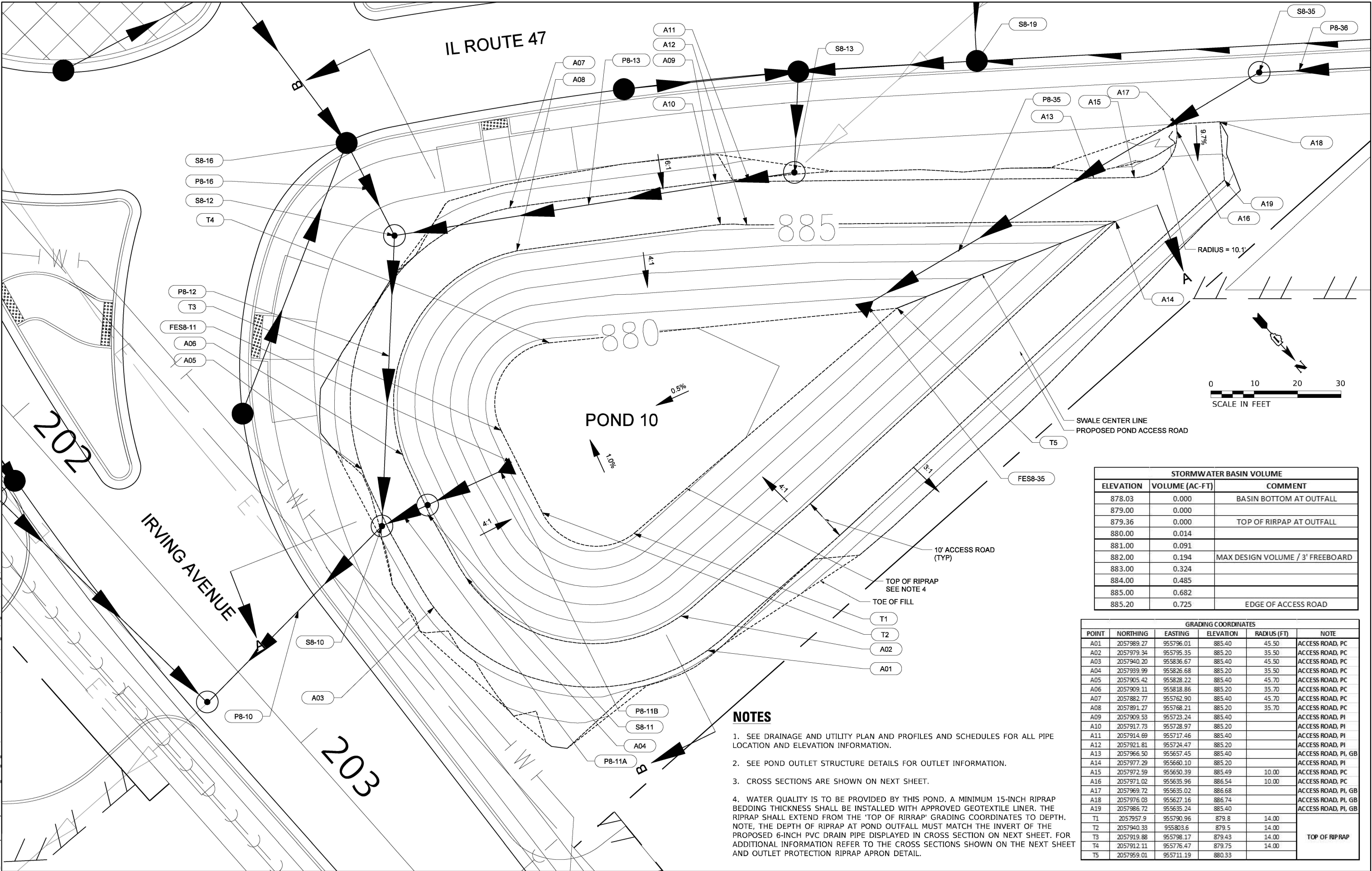


- NOTES**
- 1. SEE DRAINAGE AND UTILITY PLAN AND PROFILES AND SCHEDULES FOR ALL PIPE LOCATION AND ELEVATION INFORMATION.
 - 2. SEE POND OUTLET STRUCTURE DETAILS FOR OUTLET INFORMATION.
 - 3. WETLAND SITE 5 WILL NOT BE IMPACTED BY THE PROPOSED DESIGNS OR CONSTRUCTION PROCESSES.

GRADING COORDINATES				
POINT	NORTHING	EASTING	ELEVATION	NOTE
B01	2055461	957753.16	909	BERM
B02	2055462.92	957740.41	905.43	
B03	2055470.19	957732.28	904	
B04	2055481.2	957732.29	905.52	
B05	2055494.69	957737.72	909	
B06	2055499.37	957746.79	909.06	
B07	2055494.67	957760.53	905.46	
B08	2055488.07	957770.14	903.49	
B09	2055476.48	957768.84	905.47	
B10	2055465.18	957762.26	909	

STORMWATER BASIN VOLUME		
ELEVATION	VOLUME (AC-FT)	COMMENT
905.00	0.000	
906.00	0.045	
907.00	0.104	
908.00	0.177	
908.50	0.219	MAX DESIGN VOLUME
909.00	0.264	TOP OF BERM

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NOTES

1. SEE DRAINAGE AND UTILITY PLAN AND PROFILES AND SCHEDULES FOR ALL PIPE LOCATION AND ELEVATION INFORMATION.
2. SEE POND OUTLET STRUCTURE DETAILS FOR OUTLET INFORMATION.
3. CROSS SECTIONS ARE SHOWN ON NEXT SHEET.
4. WATER QUALITY IS TO BE PROVIDED BY THIS POND. A MINIMUM 15-INCH RIPRAP BEDDING THICKNESS SHALL BE INSTALLED WITH APPROVED GEOTEXTILE LINER. THE RIPRAP SHALL EXTEND FROM THE 'TOP OF RIPRAP' GRADING COORDINATES TO DEPTH. NOTE, THE DEPTH OF RIPRAP AT POND OUTFALL MUST MATCH THE INVERT OF THE PROPOSED 6-INCH PVC DRAIN PIPE DISPLAYED IN CROSS SECTION ON NEXT SHEET. FOR ADDITIONAL INFORMATION REFER TO THE CROSS SECTIONS SHOWN ON THE NEXT SHEET AND OUTLET PROTECTION RIPRAP APRON DETAIL.

STORMWATER BASIN VOLUME		
ELEVATION	VOLUME (AC-FT)	COMMENT
878.03	0.000	BASIN BOTTOM AT OUTFALL
879.00	0.000	
879.36	0.000	TOP OF RIPRAP AT OUTFALL
880.00	0.014	
881.00	0.091	
882.00	0.194	MAX DESIGN VOLUME / 3' FREEBOARD
883.00	0.324	
884.00	0.485	
885.00	0.682	
885.20	0.725	EDGE OF ACCESS ROAD

GRADING COORDINATES					
POINT	NORTHING	EASTING	ELEVATION	RADIUS (FT)	NOTE
A01	2057989.27	955796.01	885.40	45.50	ACCESS ROAD, PC
A02	2057979.34	955795.35	885.20	35.50	ACCESS ROAD, PC
A03	2057940.20	955836.67	885.40	45.50	ACCESS ROAD, PC
A04	2057939.99	955826.68	885.20	35.50	ACCESS ROAD, PC
A05	2057905.42	955828.22	885.40	45.70	ACCESS ROAD, PC
A06	2057909.11	955818.86	885.20	35.70	ACCESS ROAD, PC
A07	2057882.77	955762.90	885.40	45.70	ACCESS ROAD, PC
A08	2057891.27	955768.21	885.20	35.70	ACCESS ROAD, PC
A09	2057909.53	955723.24	885.40		ACCESS ROAD, PI
A10	2057917.73	955728.97	885.20		ACCESS ROAD, PI
A11	2057914.69	955717.46	885.40		ACCESS ROAD, PI
A12	2057921.81	955724.47	885.20		ACCESS ROAD, PI
A13	2057966.50	955657.45	885.40		ACCESS ROAD, PI, GB
A14	2057977.29	955660.10	885.20		ACCESS ROAD, PI
A15	2057972.59	955650.39	885.49	10.00	ACCESS ROAD, PC
A16	2057971.02	955635.96	886.54	10.00	ACCESS ROAD, PC
A17	2057969.72	955635.02	886.68		ACCESS ROAD, PI, GB
A18	2057976.03	955627.16	886.74		ACCESS ROAD, PI, GB
A19	2057986.72	955635.24	885.40		ACCESS ROAD, PI, GB
T1	2057957.9	955790.96	879.8	14.00	TOP OF RIPRAP
T2	2057940.33	955803.6	879.5	14.00	
T3	2057919.88	955798.17	879.43	14.00	
T4	2057912.11	955776.47	879.75	14.00	
T5	2057959.01	955711.19	880.33		



USER NAME = CookT1
DESIGNED -
DRAWN -
PLOT SCALE = 20.0005' / in.
CHECKED -
PLOT DATE = 2/7/2025

DESIGNED -
REVISOR -
CHECKED -
DATE = 02/06/2025

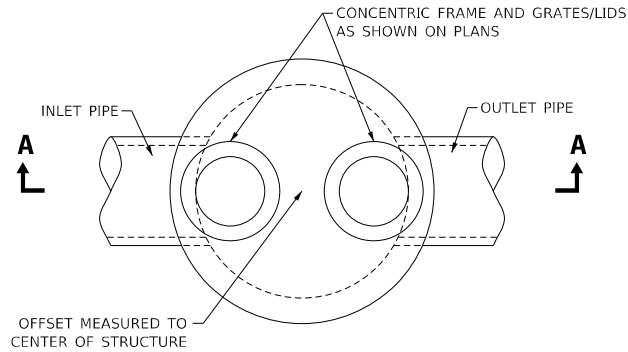
REVISED -
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REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

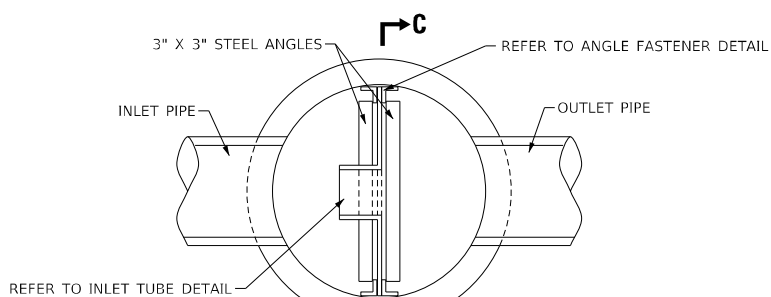
DETENTION POND SITE 10
LAYOUT DETAIL

SCALE: SHEET 6 OF 10 SHEETS STA. TO STA.

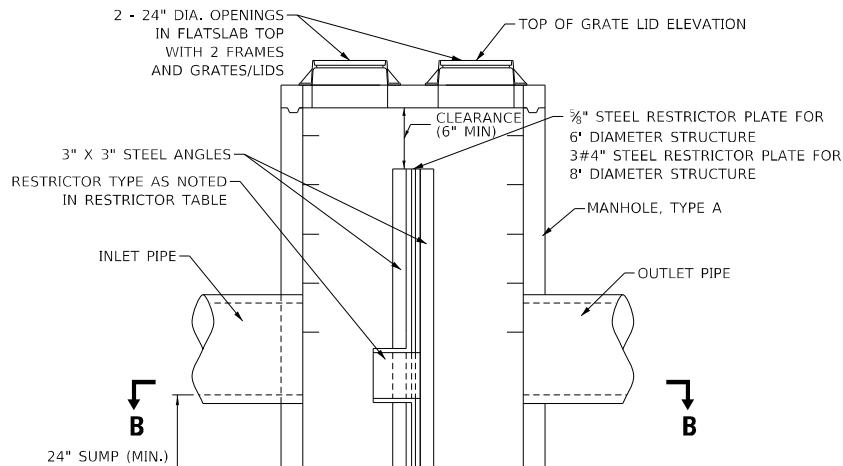
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	2024-1052-N,C,SW,FL	MCHENRY	941	481
CONTRACT NO. 62X94				
ILLINOIS FED. AID PROJECT				



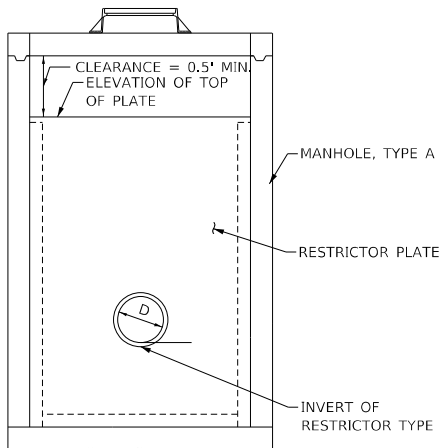
PLAN VIEW



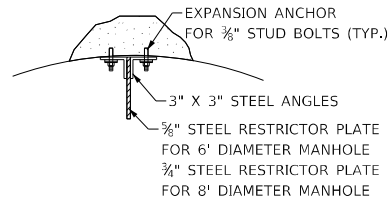
SECTION B-B



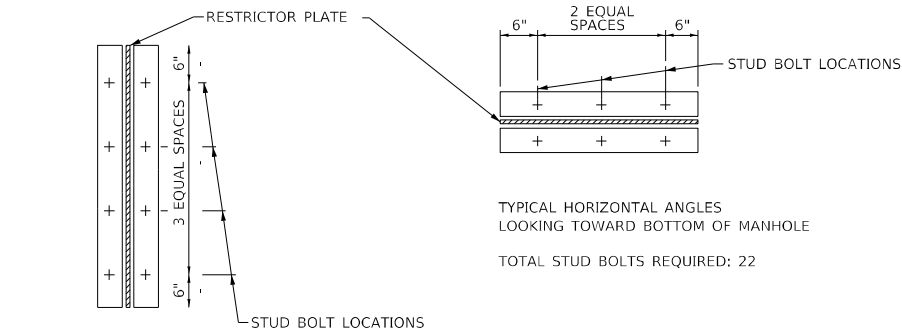
SECTION A-A



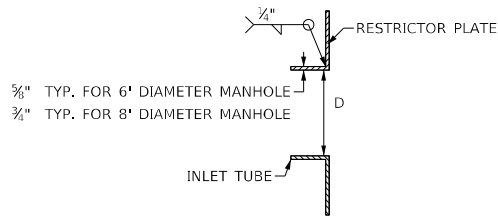
SECTION C-C



ANGLE FASTENER DETAIL



STEEL ANGLE BOLTING DETAILS



INLET TUBE DETAIL

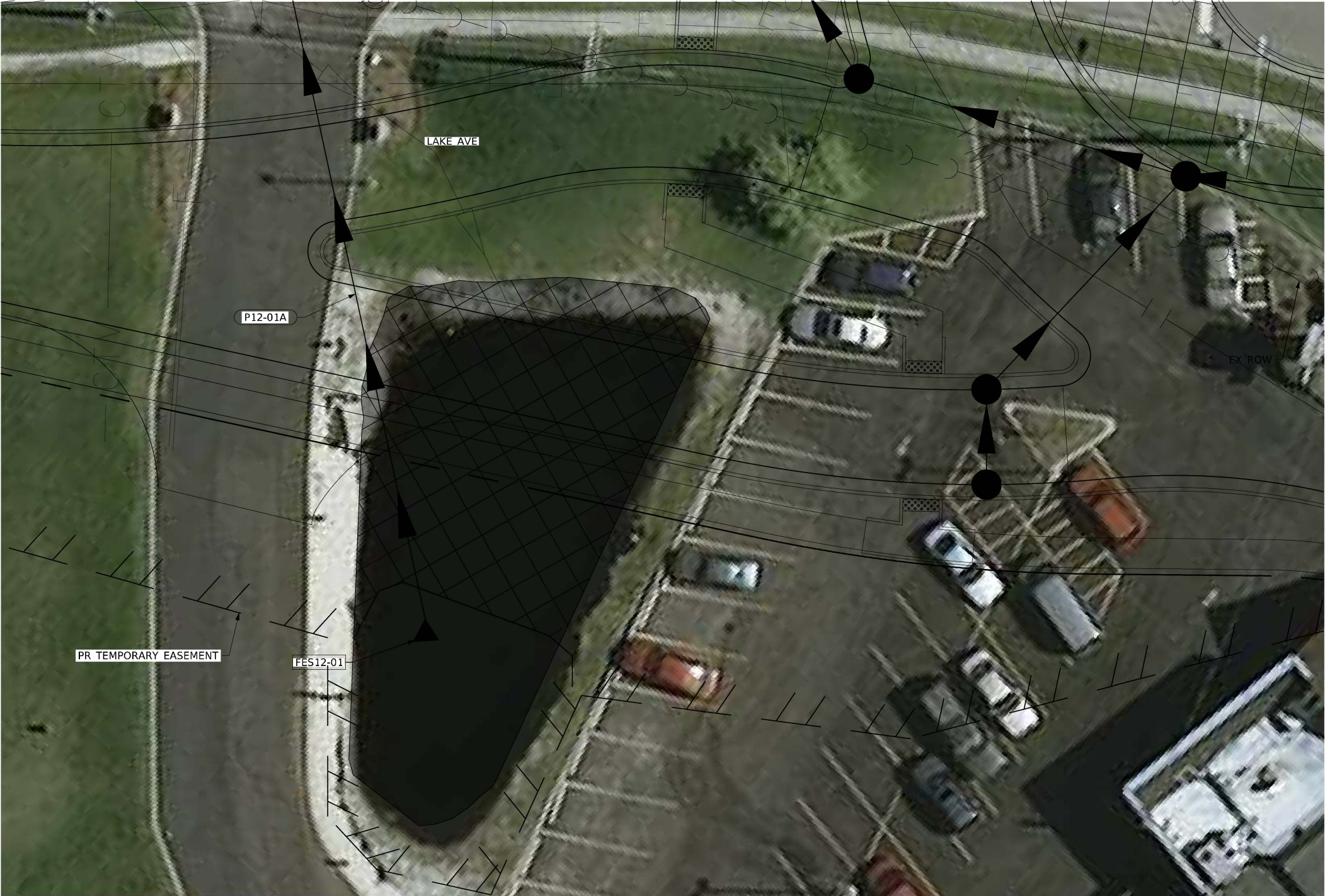
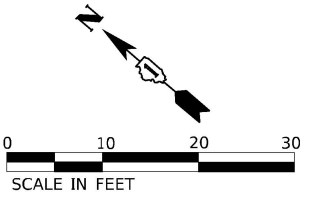
- NOTES:**
1. ALL STEEL ANGLES AND PLATES SHALL BE GALVANIZED
 2. STEEL PLATE AND ANGLES SHALL BE IN ACCORDANCE WITH AASHTO M 270 GRADE 36
 3. ANGLES SHALL BE 3" X 3" X 3/8"
 4. VERTICAL ANGLES SHALL EXTEND FROM THE BOTTOM TO THE TOP OF THE RESTRICTOR PLATE.
 5. HORIZONTAL ANGLES SHALL EXTEND FROM VERTICAL ANGLE TO VERTICAL ANGLE.

RESTRICTOR TYPE	
1	2
SHARP EDGES	SQUARE EDGED
C=,61	C=,61

RESTRICTOR TYPES
VALUES OF "C" FOR CIRCULAR AND SQUARE ORIFICES

PROJECT	SITE / STRUCTURE	STATION/OFFSET (FT)	MANHOLE DIAMETER (FT)	FRAME AND GRATE	RESTRICTOR TYPE	INSIDE RESTRICTOR DIAMETER (IN)	INVERT OF RESTRICTOR (FT)	ELEVATION TOP OF PLATE OVERFLOW (FT)	RIM ELEVATION	INLET PIPE (IN)	OUTLET PIPE (IN)	INLET/OUTLET PIPE INVERT (FT)
IL-47	1	94+65.15 86.40 LT	8	TIF CL	1	20.0	936.90	940.50	942.60	24	24	936.90
	6A	138+81.03 236.90 RT	8	TIF CL	1	11.5	915.50	923.00	926.88	30	30	915.50
	6B	153+41.00 240.83 RT	8	TIF CL	1	10.4	903.90	907.25	910.00	30	30	903.90
	10	184+31.35 171.08 RT	8	TIF CL	1	13.4	877.90	882.00	885.20	18	18	877.90
	S3-06	121+30.00 27.00 RT	8	TIF CL	1	26.25	924.65	932.36	934.60	48	48	925.60/924.65
	S4-08	131+13.00 52.00 RT	8	TIF CL	1	23.5	921.56	927.51	930.10	54	54	921.66/921.56
	S4-03	135+93.00 5.44 LT	8	TIF CL	1	29.0	920.73	924.06	926.18	43 X 68	24**	919.58/920.73

*OFFSET MEASURED TO CENTER OF STRUCTURE
**S4-03 OUTFLOW SPLITS TO 2 X 24" STORM SEWERS



NOTE:

1. REFER TO DRAINAGE PLANS FOR EXTENSION OF PIPE P12A AND ROADWAY PLANS AND CROSS SECTIONS FOR FILL SLOPE INTO POND. FILL SLOPE IS NECESSARY FOR THE PROPOSED ROADWAY CONSTRUCTION.
2. LOST STORAGE IN THIS POND COMPENSATED FOR WITH STORAGE PROVIDED IN POND 6A. SEE ALSO DRAINAGE CALCULATIONS.

MODEL: Default
FILE: N:\MTC_P\AECOM\paw.bentley.com\AECOM_DS21_NA_2020\Documents\60632011-IL-47000-CAD\03-SHEETS\Drawings\DL60X17-shl-drain-DT-09.dgn



USER NAME = CookT1	DESIGNED - EEY	REVISED -
	DRAWN - EU	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - TJW	REVISED -
PLOT DATE = 2/7/2025	DATE - 02/06/2025	REVISED -

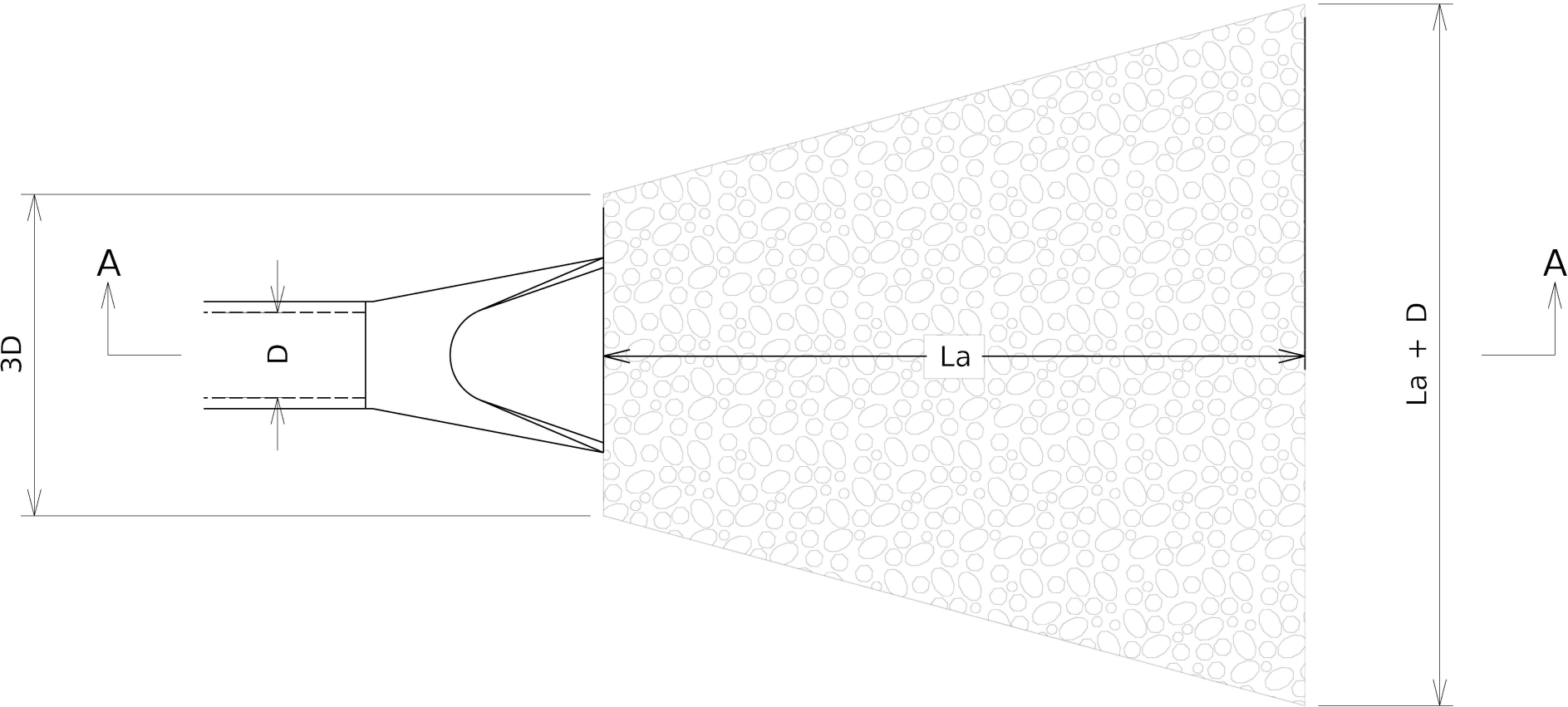
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LAKE AVENUE POND MODIFICATION DETAIL			
SCALE:	SHEET 9 OF 10 SHEETS	STA.	TO STA.

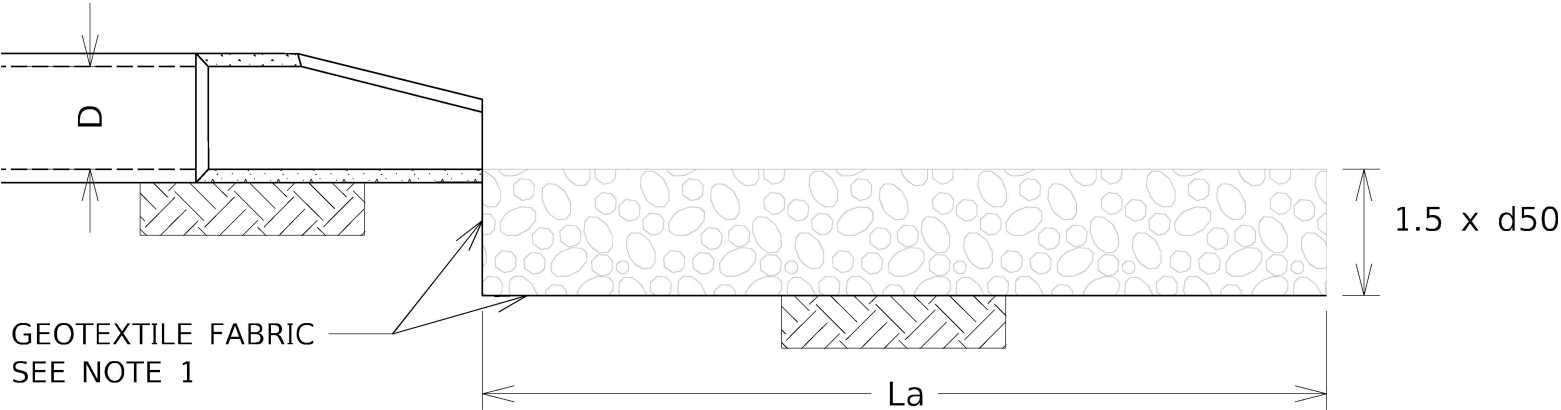
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	2024-1052-N,C,SW,FL	MCHENRY	941	484
CONTRACT NO. 62X94				
ILLINOIS FED. AID PROJECT				

OUTLET PROTECTION PLAN: RIPRAP APRON DETAIL

- DETAIL NOTES:
- 1. THE FILTER FABRIC SHALL MEET REQUIREMENTS IN MATERIAL SPECIFICATIONS 592 GEOTEXTILE TABLE 1 OR 2, CLASS I, II, OR III.
 - 2. ROCK RIPRAP SHALL MEET THE IDOT REQUIREMENTS FOR GRADATION NUMBERS RR-5 AND RR-6 BASED ON THE SPECIFIED d50 SIZES IN THE TABLES BELOW.
 - 3. RIPRAP SHALL BE PLACED ACCORDING TO CONSTRUCTION SPECIFICATION 61 LOOSE ROCK RIPRAP. THE ROCK MAY BE EQUIPMENT PLACED.
 - 4. RIPRAP FOR POND 10 SHALL MEET THE IDOT REQUIREMENTS FOR GRADATION NUMBER RR-4. THE SPECIFIED d50 FOR POND 10 RIPRAP IS 9-INCHES, WITH A dMAX OF 14-INCHES AND d OF 15-INCHES.



PLAN VIEW



PROFILE A-A

RIPRAP APRON SPECIFICATIONS BY PIPE DIAMETER					
PIPE DIAMETER (IN)	La (FT)	d50 (IN)	dMAX (IN)	d (IN)	IDOT GRADATION NUMBER
12	12	12	19	18	RR-5
15	14	12	19	18	RR-5
18	16	12	19	18	RR-5
24	20	12	19	18	RR-5
30	22	12	19	18	RR-5
36	24	12	19	18	RR-5
42	26	12	19	18	RR-5
48	28	15	22	22.5	RR-6
54	32	15	22	22.5	RR-6

OUTLET PROTECTION QUANTITIES BY STRUCTURE				
STUCTURE ID	PIPE DIAMETER (IN)	RIRRAP QTY (CU. YD)	GEOTEXTILE QTY (SQ. YD)	NOTES
FES1-01	24	15.6	43	RR-5, d50 = 12 IN.
FES1-03A	30	19.6	52	
FES1-04	24	15.6	43	
FES1-06	24	15.6	43	
FES1-23A	24	15.6	43	
FES2-01A	15	7.4	23	RR-6, d50 = 15 IN.
FES4-01	54	55.6	113	
FES4-02	12	5.3	18	
FES4-03T	36	24.0	63	RR-5, d50 = 12 IN.
FES4-76	24	15.6	109	
FES6-01	42	28.9	82	RR-6, d50 = 15 IN.
POND 10	-	122	324	SEE NOTE 4 FOR RIPRAP DETAILS

MODEL 2D
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USER NAME = CookT1	DESIGNED - NA	REVISED -
	DRAWN - CJH	REVISED -
PLOT SCALE = 6.0000 ' / in.	CHECKED - JRG	REVISED -
PLOT DATE = 2/7/2025	DATE - 02/06/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OUTLET PROTECTION DETAILS
RIPRAP APRON

SCALE: SHEET 10 OF 10 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	2024-1052-N,C,SW,FL	MCHENRY	941	485
				CONTRACT NO. 62X94
				ILLINOIS FED. AID PROJECT

SANITARY SEWER DEMOLITION TAG SHEET

SANITARY SEWER STRUCTURE TAGS				
Tag No.	Description	Units	Quantity	Notes
01-IL_Rte_47-S_Eastwood_Dr.				
101-SNSR	SAN MAN REMOVED	EACH	1.0	
102-SNSR	SAN MAN REMOVED	EACH	1.0	
103-SNSR	SAN MAN REMOVED	EACH	1.0	
104-SNSR	SAN MAN REMOVED	EACH	1.0	
105-SNSR	SAN MAN REMOVED	EACH	1.0	
106-SNSR	SAN MAN REMOVED	EACH	1.0	
107-SNSREC	SAN MAN RECONST	EACH	1.0	
108-SNSR	SAN MAN REMOVED	EACH	1.0	
109-SNSR	SAN MAN REMOVED	EACH	1.0	
110-SNSR	SAN MAN REMOVED	EACH	1.0	
111-SNSR	SAN MAN REMOVED	EACH	1.0	
112-SNSR	SAN MAN REMOVED	EACH	1.0	
113-SNSR	SAN MAN REMOVED	EACH	1.0	
114-SNSR	SAN MAN REMOVED	EACH	1.0	
115-SNSR	SAN MAN REMOVED	EACH	1.0	
116-SNSR	SAN MAN REMOVED	EACH	1.0	
125-SNSR	SAN MAN REMOVED	EACH	1.0	
126-SNSR	SAN MAN REMOVED	EACH	1.0	
127-SNSR	SAN MAN REMOVED	EACH	1.0	
128-SNSR	SAN MAN REMOVED	EACH	1.0	
129-SNSR	SAN MAN REMOVED	EACH	1.0	
130-SNSR	SAN MAN REMOVED	EACH	1.0	
131-SNSR	SAN MAN REMOVED	EACH	1.0	
135-SNSR	SAN MAN REMOVED	EACH	1.0	
136-SNSR	SAN MAN REMOVED	EACH	1.0	
137-SNSR	SAN MAN REMOVED	EACH	1.0	
138-SNSR	SAN MAN REMOVED	EACH	1.0	
139-SNSA	SANITARY MANHOLE ADJ	EACH	1.0	
140-SNSA	SANITARY MANHOLE ADJ	EACH	1.0	
141-SNSR	SAN MAN REMOVED	EACH	1.0	
142-SNSA	SANITARY MANHOLE ADJ	EACH	1.0	
143-SNSA	SANITARY MANHOLE ADJ	EACH	1.0	
144-SNSR	SAN MAN REMOVED	EACH	1.0	
151-SNSR	SAN MAN REMOVED	EACH	1.0	
152-SNSR	SAN MAN REMOVED	EACH	1.0	
153-SNSR	SAN MAN REMOVED	EACH	1.0	
154-SNSR	SAN MAN REMOVED	EACH	1.0	
157-SNSR	SAN MAN REMOVED	EACH	1.0	
158-SNSR	SAN MAN REMOVED	EACH	1.0	
159-SNSR	SAN MAN REMOVED	EACH	1.0	
165-SNSR	SAN MAN REMOVED	EACH	1.0	
166-SNSR	SAN MAN REMOVED	EACH	1.0	
167-SNSR	SAN MAN REMOVED	EACH	1.0	
168-SNSR	SAN MAN REMOVED	EACH	1.0	
169-SNSR	SAN MAN REMOVED	EACH	1.0	
170-SNSR	SAN MAN REMOVED	EACH	1.0	
171-SNSR	SAN MAN REMOVED	EACH	1.0	
172-SNSR	SAN MAN REMOVED	EACH	1.0	
173-SNSR	SAN MAN REMOVED	EACH	1.0	
174-SNSR	SAN MAN REMOVED	EACH	1.0	
175-SNSR	SAN MAN REMOVED	EACH	1.0	
915-SNSR	SAN MAN REMOVED	EACH	1.0	
04-Lake_Ave				
117-SNSR	SAN MAN REMOVED	EACH	1.0	
118-SNSR	SAN MAN REMOVED	EACH	1.0	
119-SNSR	SAN MAN REMOVED	EACH	1.0	
120-SNSR	SAN MAN REMOVED	EACH	1.0	
301-SNSA	SANITARY MANHOLE ADJ	EACH	1.0	
302-SNSR	SAN MAN REMOVED	EACH	1.0	
303-SNSR	OMNITTED			
304-SNSR	SAN MAN REMOVED	EACH	1.0	
05-UPRR-Metra-Railroad_ROW				
2601-SNSR	SAN MAN REMOVED	EACH	1.0	
2602-SNSR	SAN MAN REMOVED	EACH	1.0	
06-McConnell_Rd				
351-SNSR	SAN MAN REMOVED	EACH	1.0	
352-SNSR	SAN MAN REMOVED	EACH	1.0	
353-SNSR	SAN MAN REMOVED	EACH	1.0	
07-Country_Club_Rd				
401-SNSR	SAN MAN REMOVED	EACH	1.0	
402-SNSR	SAN MAN REMOVED	EACH	1.0	

SANITARY SEWER STRUCTURE TAGS				
Tag No.	Description	Units	Quantity	Notes
08-E_Judd_St				
155-SNSR	SAN MAN REMOVED	EACH	1.0	
551-SNSR	SAN MAN REMOVED	EACH	1.0	
552-SNSR	SAN MAN REMOVED	EACH	1.0	
09-Irving_Ave				
156-SNSR	SAN MAN REMOVED	EACH	1.0	
501-SNSR	SAN MAN REMOVED	EACH	1.0	
10-IL_Rte_120-McHenry_Ave				
601-SNSR	SAN MAN REMOVED	EACH	1.0	
602-SNSR	SAN MAN REMOVED	EACH	1.0	
605-SNSR	SAN MAN REMOVED	EACH	1.0	
606-SNSR	SAN MAN REMOVED	EACH	1.0	
11-E_Calhoun_St				
451-SNSR	SAN MAN REMOVED	EACH	1.0	

SANITARY SEWER STRUCTURE PIPE REMOVAL / ABANDONED TAGS					
Tag No.	Description	Material	Size	Removal	Abandoned
01-IL_Rte_47-S_Eastwood_Dr.					
101-SNPR	SAN SEW REMOV 8	VCP	8.0	65.0	0.0
102-SNPR	SAN SEW REMOV 8	VCP	8.0	537.0	0.0
103-SNPR	SAN SEW REMOV 8	VCP	8.0	172.0	0.0
104-SNPR	SAN SEW REMOV 8	PVC	8.0	91.0	0.0
105-SNPR	SAN SEW REMOV 8	PVC	8.0	20.0	272.0
106-SNPR	SAN SEW REMOV 8	VCP	8.0	300.0	0.0
107-SNPR	SAN SEW REMOV 8	VCP	8.0	91.0	0.0
108-SNPR	SAN SEW REMOV 8	VCP	8.0	20.0	250.0
109-SNPR	SAN SEW REMOV 8	VCP	8.0	37.0	0.0
110-SNPR	SAN SEW REMOV 8	VCP	8.0	20.0	187.0
111-SNPR	SAN SEW REMOV 8	VCP	8.0	28.0	0.0
112-SNPR	SAN SEW REMOV 18	VCP	18.0	29.0	0.0
113-SNPR	SAN SEW REMOV 18	VCP	18.0	292.0	0.0
114-SNPR	SAN SEW REMOV 18	VCP	18.0	270.0	0.0
115-SNPR	SAN SEW REMOV 18	VCP	18.0	317.0	0.0
116-SNPR	SAN SEW REMOV 12	VCP	12.0	91.0	0.0
117-SNPR	SAN SEW REMOV 8	VCP	8.0	341.0	0.0
125-SNPR	SAN SEW REMOV 12	VCP	12.0	20.0	106.0
126-SNPR	SAN SEW REMOV 10	VCP	10.0	30.0	55.0
127-SNPR	SAN SEW REMOV 10	VCP	10.0	180.0	215.0
128-SNPR	SAN SEW REMOV 10	VCP	10.0	20.0	201.0
129-SNPR	SAN SEW REMOV 10	VCP	10.0	323.0	0.0
130-SNPR	SAN SEW REMOV 4	DIP	4.0	79.0	0.0
135-SNPR	SAN SEW REMOV 8	VCP	8.0	170.0	0.0
136-SNPR	SAN SEW REMOV 8	VCP	8.0	20.0	0.0
137-SNPR	SAN SEW REMOV 8	VCP	8.0	45.0	0.0
138-SNPR	SAN SEW REMOV 8	VCP	8.0	20.0	0.0
139-SNPR	SAN SEW REMOV 4	VCP	4.0	0.0	93.0
140-SNPR	SAN SEW REMOV 8	VCP	8.0	302.0	0.0
141-SNPR	SAN SEW REMOV 6	PVC	6.0	0.0	125.0
142-SNPR	SAN SEW REMOV 8	PVC	8.0	82.0	0.0
143-SNPR	SAN SEW REMOV 8	VCP	8.0	361.0	0.0
151-SNPR	SAN SEW REMOV 8	PVC	8.0	103.0	0.0
152-SNPR	SAN SEW REMOV 8	PVC	8.0	20.0	338.0
153-SNPR	SAN SEW REMOV 8	PVC	8.0	20.0	367.0
156-SNPR	SAN SEW REMOV 10	VCP	10.0	67.0	0.0
157-SNPR	SAN SEW REMOV 12	VCP	12.0	63.0	0.0
159-SNPR	SAN SEW REMOV 8	VCP	8.0	0.0	163.0
160-SNPR	SAN SEW REMOV 8	VCP	8.0	0.0	313.0
165-SNPR	SAN SEW REMOV 6	VCP	6.0	0.0	152.0
166-SNPR	SAN SEW REMOV 10	VCP	10.0	199.0	0.0
167-SNPR	SAN SEW REMOV 6	VCP	6.0	108.0	0.0
168-SNPR	SAN SEW REMOV 10	VCP	10.0	55.0	0.0
169-SNPR	SAN SEW REMOV 8	VCP	8.0	90.0	0.0
170-SNPR	SAN SEW REMOV 10	VCP	10.0	259.0	0.0
171-SNPR	SAN SEW REMOV 18	VCP	18.0	31.0	0.0
172-SNPR	SAN SEW REMOV 10	VCP	10.0	200.0	0.0
173-SNPR	SAN SEW REMOV 10	VCP	10.0	181.0	0.0
174-SNPR	SAN SEW REMOV 6	VCP	6.0	58.0	0.0
175-SNPR	SAN SEW REMOV 10	VCP	10.0	121.0	0.0
176-SNPR	SAN SEW REMOV 10	VCP	10.0	289.0	0.0
701-SNPR	SAN SEW REMOV 18	VCP	18.0	99.0	0.0
901-SNPR	SAN SEW REMOV 18	VCP	18.0	95.0	0.0

SANITARY SEWER STRUCTURE PIPE REMOVAL / ABANDONED TAGS					
Tag No.	Description	Material	Size	Removal	Abandoned
04-Lake_Ave					
118-SNPR	SAN SEW REMOV 8	VCP	8.0	164.0	0.0
119-SNPR	SAN SEW REMOV 8	VCP	8.0	231.0	0.0
120-SNPR	SAN SEW REMOV 8	VCP	8.0	424.0	0.0
121-SNPR	SAN SEW REMOV 6	VCP	6.0	95.0	0.0
301-SNPR	SAN SEW REMOV 12	VCP	12.0	50.0	0.0
302-SNPR	SAN SEW REMOV 12	VCP	12.0	160.0	0.0
303-SNPR	SAN SEW REMOV 8	VCP	8.0	141.0	0.0
304-SNPR	SAN SEW REMOV 8	VCP	8.0	44.0	0.0
05-UPRR-Metra-Railroad_ROW					
2601-SNPR	SAN SEW REMOV 12	VCP	12.0	64.0	0.0
2602-SNPR	SAN SEW REMOV 12	VCP	12.0	139.0	0.0
06-McConnell_Rd					
351-SNPR	SAN SEW REMOV 12	VCP	12.0	236.0	0.0
352-SNPR	SAN SEW REMOV 12	VCP	12.0	250.0	0.0
07-Country_Club_Rd					
401-SNPR	SAN SEW REMOV 8	VCP	8.0	348.0	0.0
402-SNPR	SAN SEW REMOV 8	VCP	8.0	47.0	0.0
08-E_Judd_St					
155-SNPR	SAN SEW REMOV 10	VCP	10.0	9.0	0.0
158-SNPR	SAN SEW REMOV 8	VCP	8.0	29.0	0.0
551-SNPR	SAN SEW REMOV 8	VCP	8.0	16.0	0.0
552-SNPR	SAN SEW REMOV 8	VCP	8.0	401.0	0.0
553-SNPR	SAN SEW REMOV 8	PVC	8.0	42.0	0.0
554-SNPR	SAN SEW REMOV 8	PVC	8.0	41.0	0.0
09-Irving_Ave					
501-SNPR	SAN SEW REMOV 12	VCP	12.0	331.0	0.0
502-SNPR	SAN SEW REMOV 12	VCP	12.0	78.0	0.0
10-IL_Rte_120-McHenry_Ave					
601-SNPR	SAN SEW REMOV 8	VCP	8.0	256.0	0.0
602-SNPR	SAN SEW REMOV 12	VCP	12.0	222.0	0.0
603-SNPR	SAN SEW REMOV 12	VCP	12.0	375.0	0.0
604-SNPR	SAN SEW REMOV 12	VCP	12.0	274.0	0.0
915-SNPR	SAN SEW REMOV 30	VCP	30.0	114.0	0.0
916-SNPR	SAN SEW REMOV 30	VCP	30.0	57.0	0.0
11-E_Calhoun_St					
451-SNPR	SAN SEW REMOV 8	VCP	8.0	184.0	0.0

COMPANY NAME: HRGreen.com
PROJECT CONTACT: 191865-Cover
CLIENT: 191865-Cover
DATE PLOTTED: 2/6/2025 12:58 PM
FILE NAME: 191865-Cover
PLOT DRIVER: DWG To PDF.pc3
PEN TABLE: ILDOT-Standard.ctb



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PLOT DATE = 2/6/2025	DATE - 02/06/2025	REVISED -

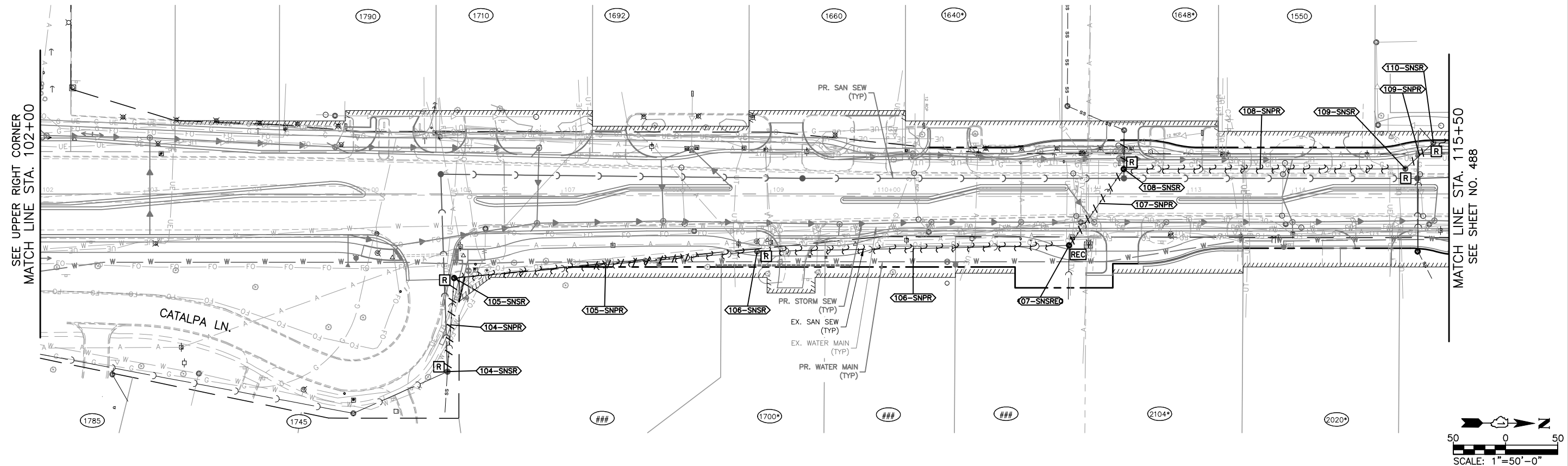
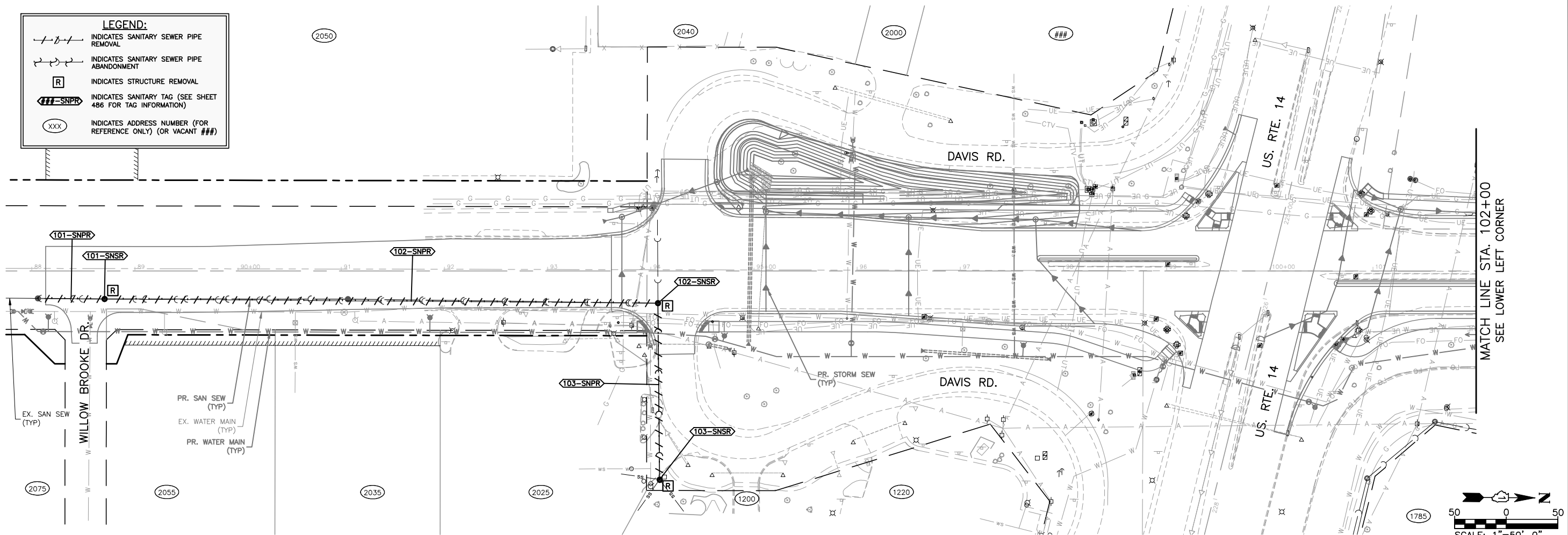
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SANITARY SEWER REMOVAL TAG SHEET			
SCALE: N.T.S.	SHEET NO. 01 OF 01 SHEETS	STA. TO STA.	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	2024-1052-N,C,SW,FL	MCHENRY	941	486
CONTRACT NO. 62X94				
ILLINOIS FED. AID PROJECT				

LEGEND:

- INDICATES SANITARY SEWER PIPE REMOVAL
- - - - - INDICATES SANITARY SEWER PIPE ABANDONMENT
- [R] INDICATES STRUCTURE REMOVAL
- SNPR INDICATES SANITARY TAG (SEE SHEET 486 FOR TAG INFORMATION)
- XXX INDICATES ADDRESS NUMBER (FOR REFERENCE ONLY) (OR VACANT ###)



COMPANY NAME: HRGreen.com
PROJECT CONTACT: HRGreen.com
DATE PLOTTED: 2/6/2025 1:00 PM
FILE NAME: 191865-Demo-San-IL-Rte-47
PLOT DRIVER: DWG To PDF.pc3
PEN TABLE: ILDOT-Standard.ctb

HRGreen.com
Illinois Professional Design Firm
#184.001322

USER NAME = MLEWIS	DESIGNED - MPL/DWS	REVISED -
FILE NAME = 191865-Demo-San-IL-Rte-47	DRAWN - MPL/DWS	REVISED -
PLOT SCALE = 1"=50'	CHECKED - AC/RJ	REVISED -
PLOT DATE = 2/6/2025	DATE - 02/06/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

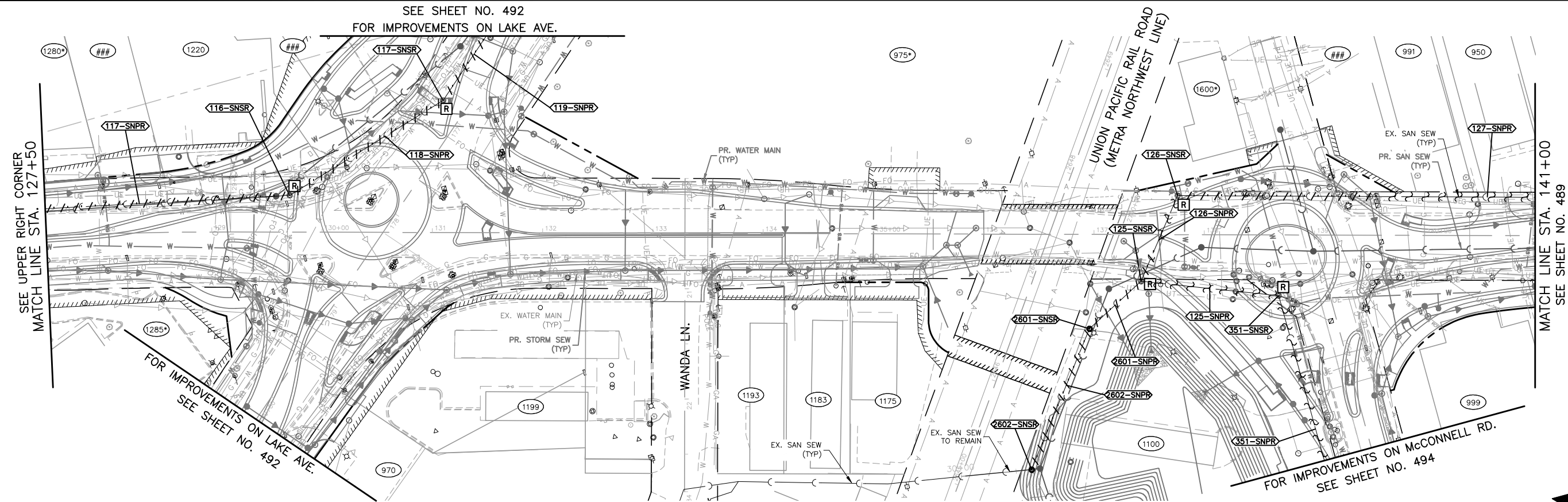
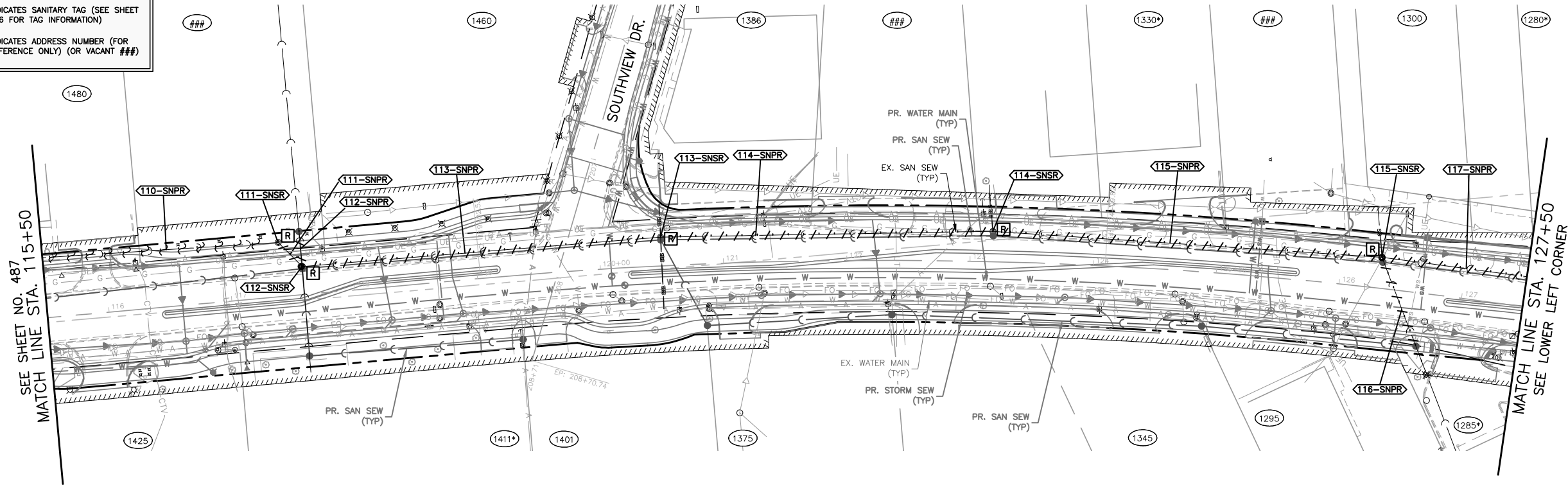
IL. RTE. 47 - EXISTING SANITARY SEWER REMOVAL PLAN

SCALE: 1"=50' SHEET NO. 01 OF 05 SHEETS STA. 88+00 TO STA. 115+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	2024-1052-N,C,SW,FL	MCHENRY	941	487
CONTRACT NO. 62X94				
ILLINOIS FED. AID PROJECT				

LEGEND:

- INDICATES SANITARY SEWER PIPE REMOVAL
- - - INDICATES SANITARY SEWER PIPE ABANDONMENT
- [R] INDICATES STRUCTURE REMOVAL
- 111-SNPR INDICATES SANITARY TAG (SEE SHEET 486 FOR TAG INFORMATION)
- XXX INDICATES ADDRESS NUMBER (FOR REFERENCE ONLY) (OR VACANT ###)



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PROJECT CONTACT: HRGreen.com
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PLOT DRIVER: DWG To PDF.pc3
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HRGreen.com
Illinois Professional Design Firm
#184.001322

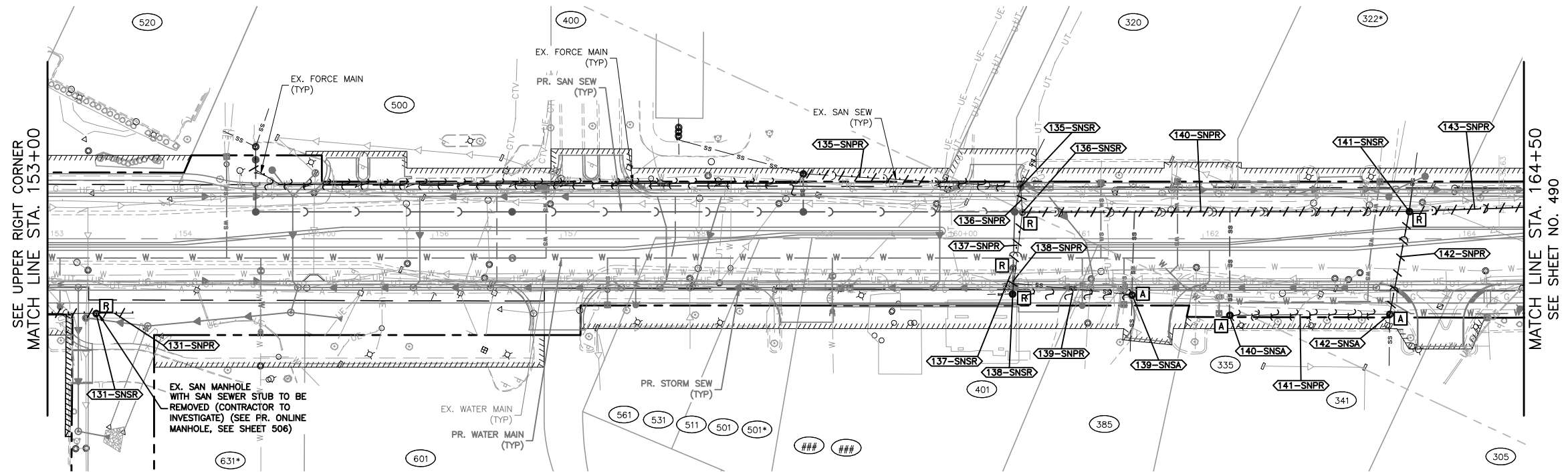
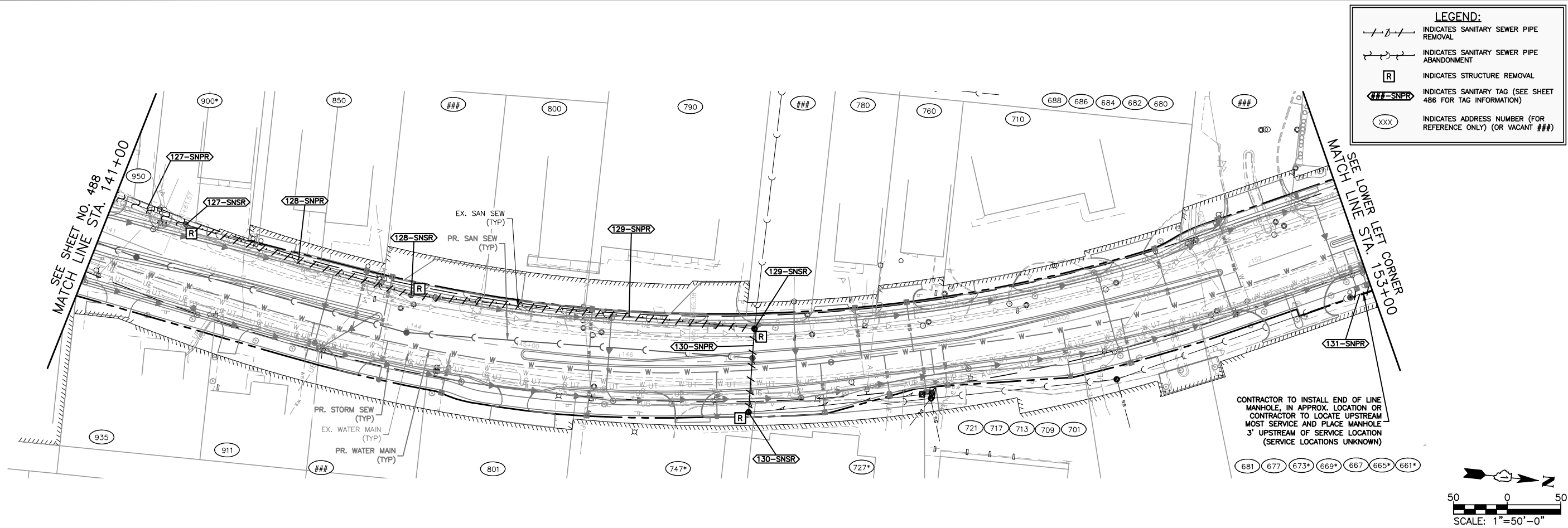
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PLOT DATE = 2/6/2025	DATE - 02/06/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL. RTE. 47 - EXISTING SANITARY SEWER REMOVAL PLAN

SCALE: 1"=50' SHEET NO. 02 OF 05 SHEETS STA. 115+50 TO STA. 141+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	2024-1052-N,C,SW,FL	MCHENRY	941	488
CONTRACT NO. 62X94				
ILLINOIS FED. AID PROJECT				



COMPANY NAME: HRGreen.com
PROJECT CONTACT: HRGreen.com
DATE PLOTTED: 2/6/2025 1:03 PM
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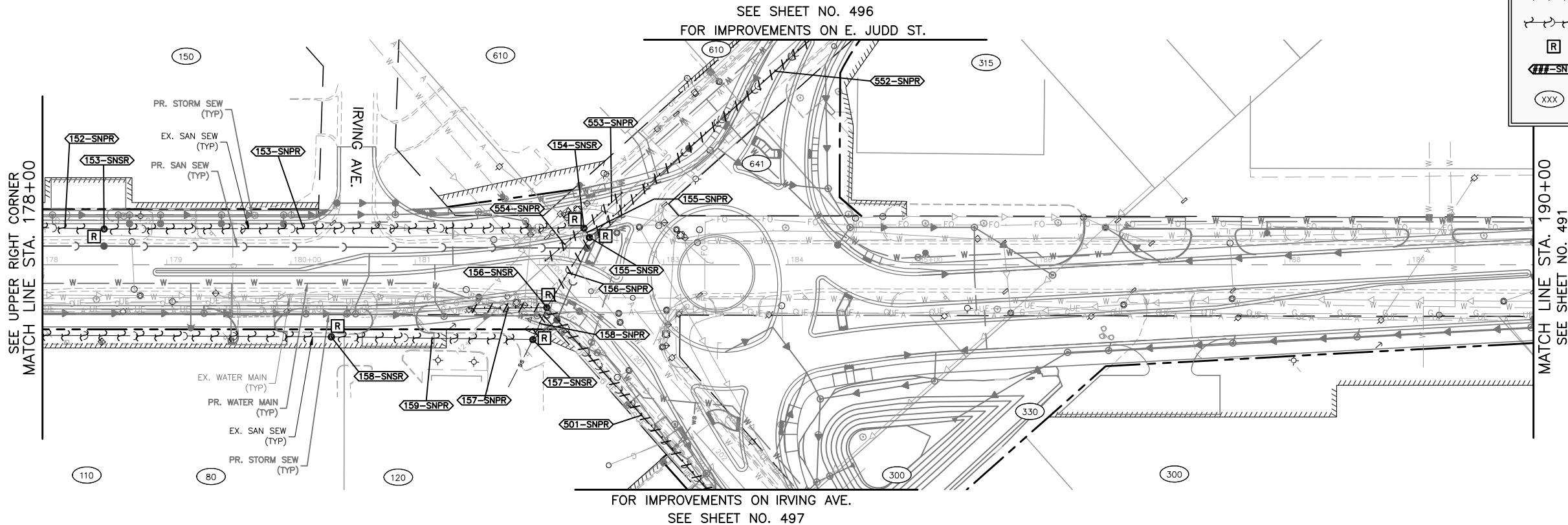
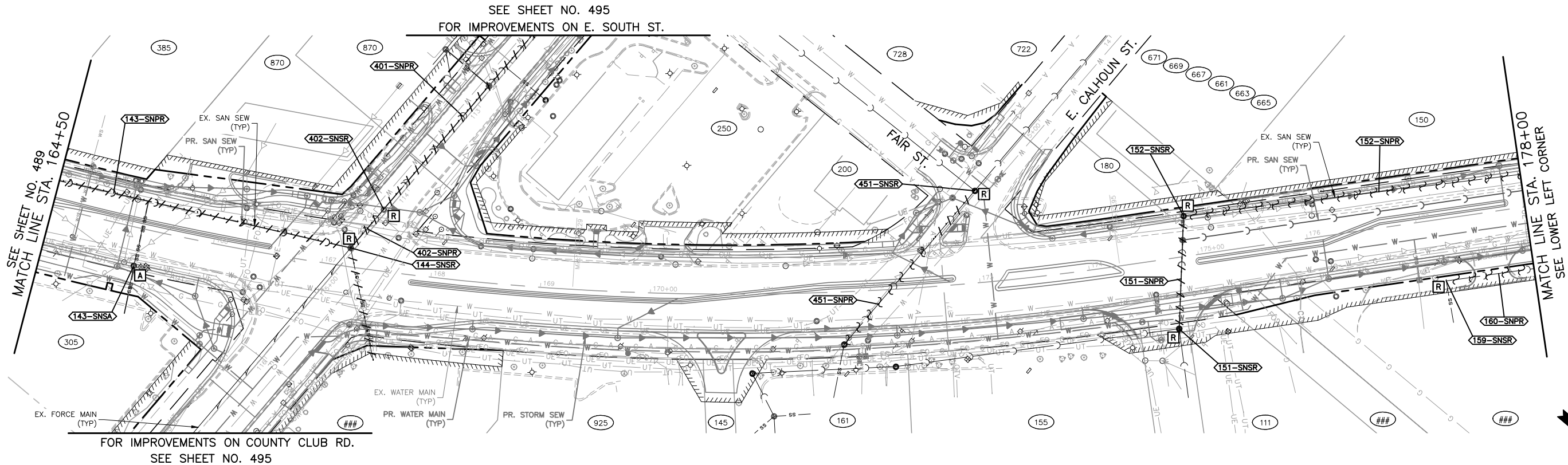
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PLOT DATE = 2/6/2025	DATE - 02/06/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL. RTE. 47 - EXISTING SANITARY SEWER REMOVAL PLAN

SCALE: 1"=50' SHEET NO. 03 OF 05 SHEETS STA. 141+00 TO STA. 164+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	2024-1052-N,C,SW,FL	MCHENRY	941	489
CONTRACT NO. 62X94				
ILLINOIS FED. AID PROJECT				



LEGEND:

- SNPR --- INDICATES SANITARY SEWER PIPE REMOVAL
- SNR --- INDICATES SANITARY SEWER PIPE ABANDONMENT
- [R] INDICATES STRUCTURE REMOVAL
- SNR --- INDICATES SANITARY TAG (SEE SHEET 486 FOR TAG INFORMATION)
- (XXX) INDICATES ADDRESS NUMBER (FOR REFERENCE ONLY) (OR VACANT ###)

COMPANY NAME: HRGreen.com
PROJECT CONTACT: HRGreen.com
DATE PLOTTED: 2/6/2025 1:05 PM
FILE NAME: 191865-Demo-San-IL-Rte-47
PLOT DRIVER: DWG To PDF.pc3
PEN TABLE: ILDOT-Standard.ctb

HRGreen.com
Illinois Professional Design Firm
#184.001322

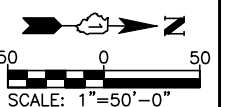
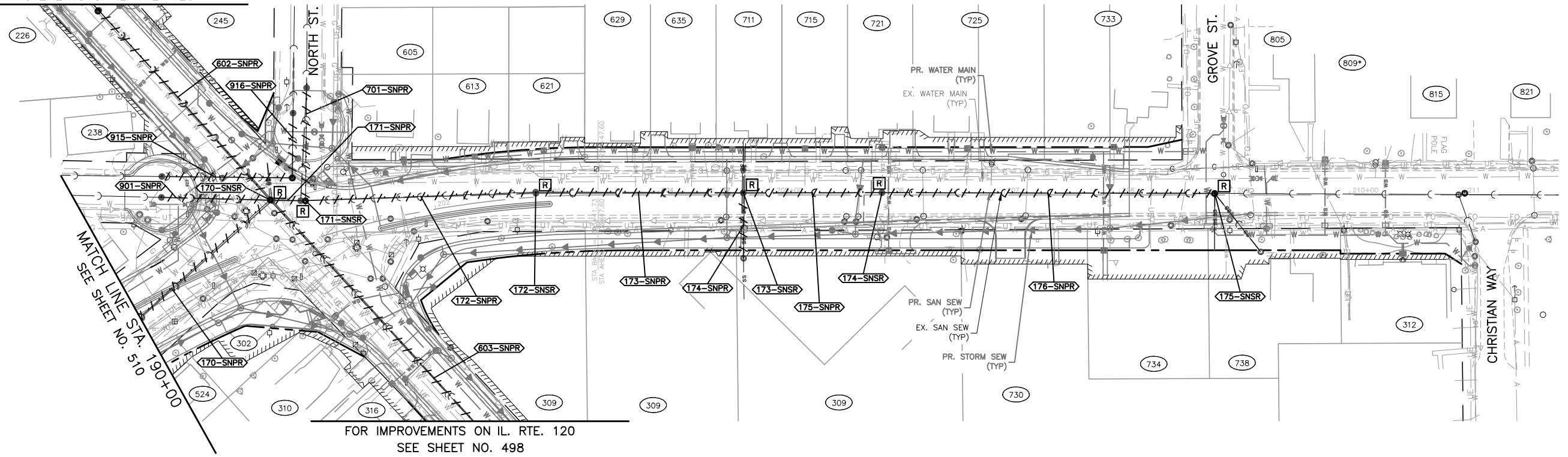
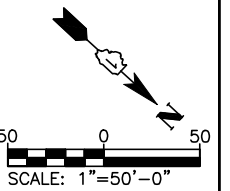
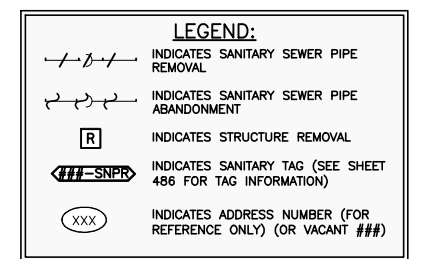
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PLOT DATE = 2/6/2025	DATE - 02/06/2025	REVISED -

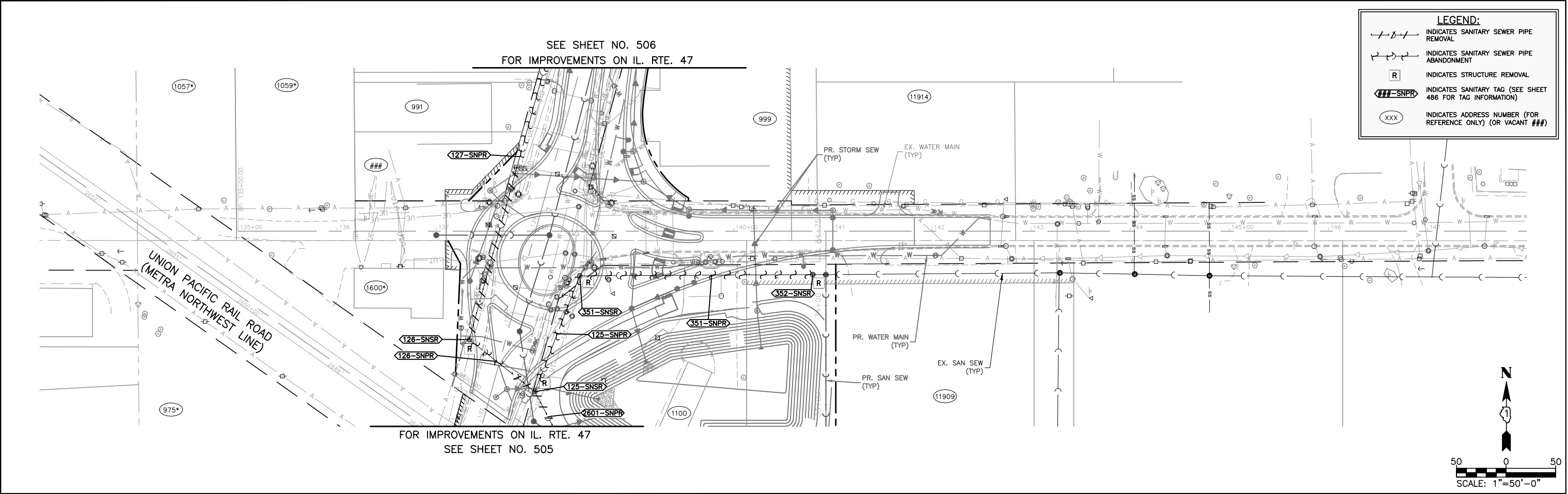
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL. RTE. 47 - EXISTING SANITARY SEWER REMOVAL PLAN

SCALE: 1"=50' SHEET NO. 04 OF 05 SHEETS STA. 164+50 TO STA. 190+00

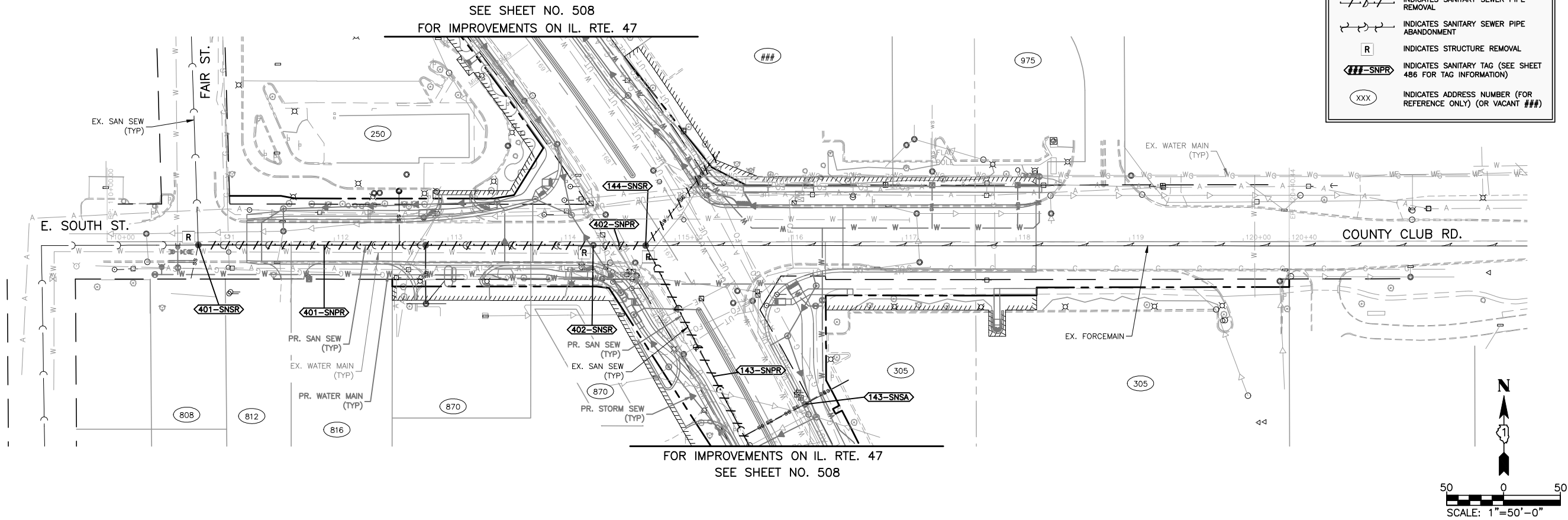
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	2024-1052-N,C,SW,FL	MCHENRY	941	490
CONTRACT NO. 62X94				
ILLINOIS FED. AID PROJECT				





COMPANY NAME: H3
PROJECT CONTACT: H3
DATE: 2/6/2025 1:12 PM
FILE NAME: 191865-Demo-San-McConnell
PLOT DRIVER: DWG To PDF.pc3
PEN TABLE: ILDOT-Standard.ctb

HRGreen.com Illinois Professional Design Firm #184.001322 	USER NAME = MLEWIS	DESIGNED – MPL/DWS	REVISED –	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	McCONNELL RD. - EXISTING SANITARY SEWER REMOVAL PLAN				F.A.P. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT SCALE = 1"=50'	CHECKED – AC/RJ	REVISED –		CONTRACT NO. 62X94									
	PLOT DATE = 2/6/2025	DATE – 02/06/2025	REVISED –		ILLINOIS FED. AID PROJECT									
	SCALE: 1"=50'				SHEET NO. 01 OF 01 SHEETS		STA. 135+00 TO STA. 146+00							



COMPANY NAME: HRGreen.com
PROJECT CONTACT: HRGreen.com
DATE PLOTTED: 2/6/2025 1:14 PM
FILE NAME: 191865-Demo-San-South
PLOT DRIVER: DWG To PDF.pc3
PEN TABLE: ILDOT-Standard.ctb



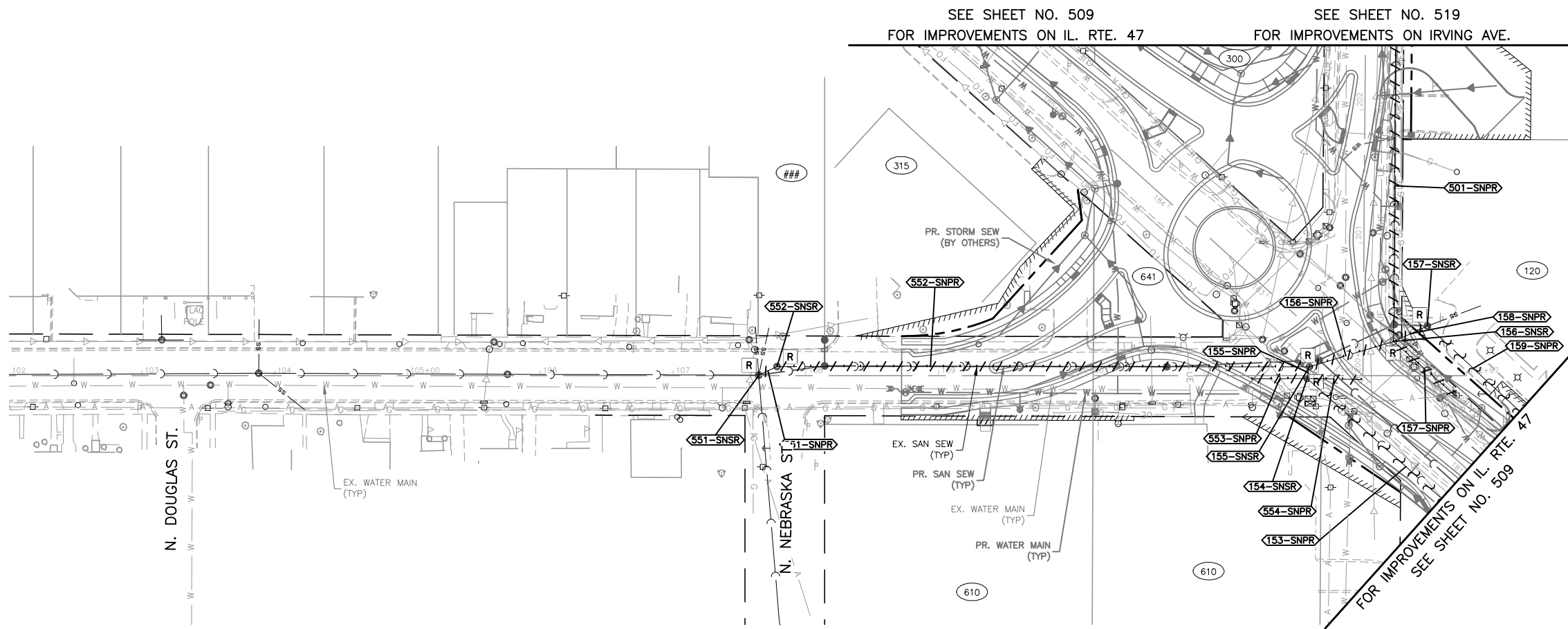
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PLOT DATE = 2/6/2025	DATE - 02/06/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E. SOUTH ST. - EXISTING SANITARY SEWER REMOVAL PLAN

SCALE: 1"=50' SHEET NO. 01 OF 01 SHEETS STA. 108+50 TO STA. 121+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	2024-1052-N,C,SW,FL	MCHENRY	941	495
CONTRACT NO. 62X94				
ILLINOIS FED. AID PROJECT				



COMPANY NAME: HRGreen.com
PROJECT CONTACT: 191865-Demo-San-Judd
DATE PLOTTED: 2/6/2025 1:16 PM
FILE NAME: 191865-Demo-San-Judd
PLOT DRIVER: DWG To PDF.pc3
PEN TABLE: ILDOT-Standard.ctb

HRGreen.com
Illinois Professional Design Firm
#184.001322

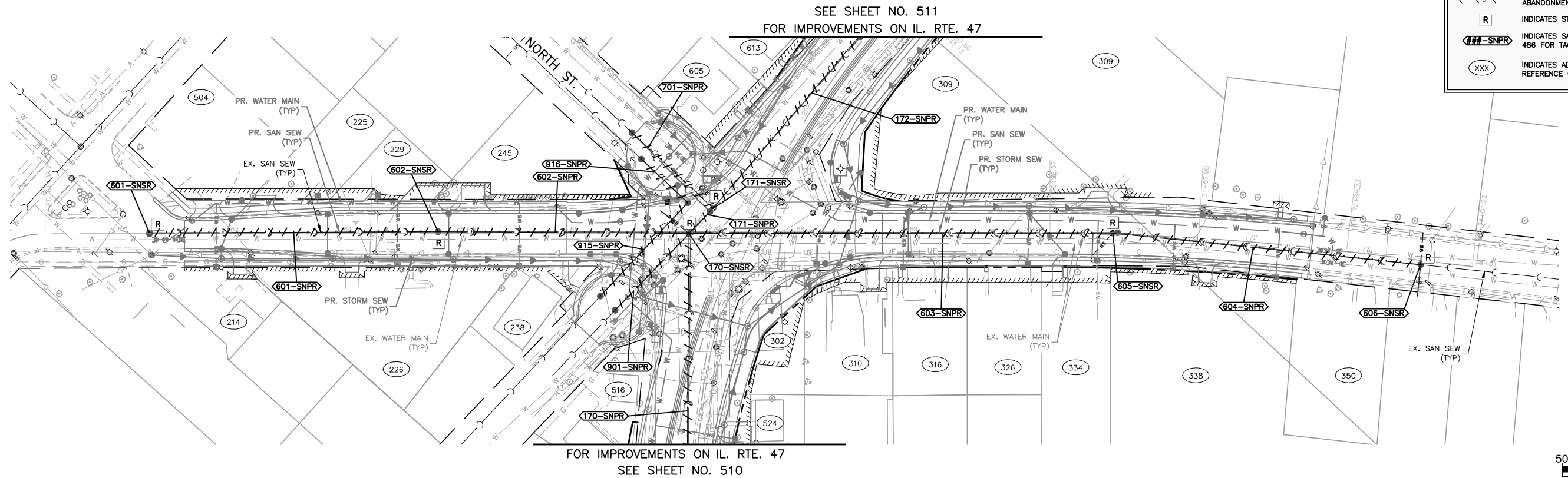
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PLOT DATE = 2/6/2025	DATE - 02/06/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E. JUDD ST. - EXISTING SANITARY SEWER REMOVAL PLAN

SCALE: 1"=50'	SHEET NO. 01 OF 01 SHEETS	STA. 102+00 TO STA. 114+00
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	2024-1052-N,C,SW,FL	MCHENRY	941	496
CONTRACT NO. 62X94				
ILLINOIS FED. AID PROJECT				



COMPANY NAME: HRGreen.com
PROJECT CONTACT: 191865-Demo-San-IL-Rte-120
DATE PLOTTED: 2/6/2025 1:19 PM
FILE NAME: 191865-Demo-San-IL-Rte-120
PLOT DRIVER: DWG To PDF.pc3
PEN TABLE: ILDOT-Standard.ctb



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PLOT SCALE = 1"=50'	CHECKED - AC/RJ	REVISED -
PLOT DATE = 2/6/2025	DATE - 02/06/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL. RTE. 120 - EXISTING SANITARY SEWER REMOVAL PLAN

SCALE: 1"=50' SHEET NO. 01 OF 01 SHEETS STA. 62+00 TO STA. 75+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	2024-1052-N,C,SW,FL	MCHENRY	941	498
CONTRACT NO. 62X94				
ILLINOIS FED. AID PROJECT				

COMPANY NAME: H33
PROJECT CONTACT: H33
CLIENT: H33
DATE PLOTTED: 3/11/2025 3:21 PM
FILE NAME: 191865-Cover
PLOT DRIVER: DWG To PDF.pc3
PEN TABLE: ILDOT-Standard.ctb



HRGreen.com
Illinois Professional Design Firm
#184.001322

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PLOT DATE = 3/11/2025	DATE – 03/07/2025	REVISED –

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SANITARY SEWER TAGS

SCALE: N.T.S.	SHEET NO. 01 OF 01 SHEETS	STA. TO STA.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			326	2024–1052–N,C,SW,FL	MCHENRY	941	499
CONTRACT NO. 62X94							ILLINOIS FED. AID PROJECT

SANITARY SEWER SUMMARY OF QUANTITIES

SANITARY SEWER	UNITS	QUANTITY
TRENCH BACKFILL	CU YD	20.541
SANITARY SEWER SERVICE, 6" PVC, COMPLETE	EACH	1
ADJUSTING SANITARY SEWER SERVICE LINE	EACH	16
SANITARY SEWER, DUCTILE IRON, 8"	FOOT	163
SANITARY SEWER, DUCTILE IRON, 18"	FOOT	31
SANITARY SEWER REMOVAL 4"	FOOT	79
PAVEMENT PATCHING (SPECIAL)	SQ YD	8,358
SANITARY SEWER REMOVAL 6"	FOOT	261
SANITARY SEWER REMOVAL 8"	FOOT	5,323
SANITARY SEWER REMOVAL 10"	FOOT	1,933
SANITARY SEWER REMOVAL 12"	FOOT	2,353
SANITARY SEWER REMOVAL 15"	FOOT	5
SANITARY SEWER REMOVAL 18"	FOOT	1,133
SANITARY SEWER REMOVAL 30"	FOOT	171
SANITARY SEWER CONNECTION	EACH	1
MANHOLES, SANITARY, 4-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	81
MANHOLES, SANITARY, 5-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1
MANHOLES, SANITARY, 6-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1
MANHOLES, DROP TYPE, 4-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	8
SANITARY MANHOLES TO BE ADJUSTED	EACH	5
SANITARY MANHOLES TO BE RECONSTRUCTED	EACH	1
SANITARY MANHOLES TO BE REMOVED	EACH	71
SANITARY FORCE MAIN, 4"	FOOT	51
SANITARY SEWER, PVC DR 25, 30"	FOOT	171
SANITARY SEWER, PVC SDR 26, 8"	FOOT	7,302
SANITARY SEWER, PVC SDR 26, 10"	FOOT	2,472
SANITARY SEWER, PVC SDR 26, 12"	FOOT	2,192
SANITARY SEWER, PVC DR 21, 10"	FOOT	241
SANITARY SEWER, PVC DR 21, 12"	FOOT	624
SANITARY SEWER, PVC DR 18, 6"	FOOT	71
SANITARY SEWER, PVC DR 18, 8"	FOOT	5
SANITARY SEWER, PVC DR 18, 12"	FOOT	111
SANITARY SEWER, PVC DR 18, 18"	FOOT	1,100
CONNECTION TO EXISTING MANHOLE	EACH	1
SANITARY SEWER SERVICE CONNECTION AT MANHOLE	EACH	18
SANITARY SERVICE CONNECTION (SHORT)	EACH	67
SANITARY SERVICE CONNECTION (LONG)	EACH	98
ABANDON AND FILL EXISTING SANITARY SEWER (CLSM) 4"	FOOT	93
ABANDON AND FILL EXISTING SANITARY SEWER (CLSM) 6"	FOOT	277
ABANDON AND FILL EXISTING SANITARY SEWER (CLSM) 8"	FOOT	1,890
ABANDON AND FILL EXISTING SANITARY SEWER (CLSM) 10"	FOOT	471
ABANDON AND FILL EXISTING SANITARY SEWER (CLSM) 12"	FOOT	106

* = SPECIAL PROVISION
t = SPECIALTY ITEMS

NOTES:

- SANITARY SEWER SERVICE LOCATIONS ARE UNKNOWN AT THIS TIME. SEE SPECIFICATIONS FOR UNMARKED UTILITIES AND SERVICES
- SANITARY SEWER SERVICES SHALL BE POTHOLED AS NECESSARY AT THE ROW TO VERIFY EXISTING SANITARY SEWER SIZE, LOCATION AND DEPTH. PRIOR TO PROPOSED SANITARY SEWER SERVICE INSTALLATION, THE CONTRACTOR SHALL ASSESS ANY POTENTIAL CONFLICTS WITH EXISTING AND/OR PROPOSED UTILITIES AS SHOWN ON PLAN AND VERIFIED IN THE FIELD.
- CONTRACTOR MAY HAVE TO PERFORM ADDITIONAL INVESTIGATIONS SUCH AS LATERAL LAUNCH OR POTHOLING METHODS FOR SERVICE VERIFICATION.
- IT IS INTENDED THAT ALL PROPERTIES TO HAVE NEW PROPOSED SANITARY SEWER SERVICES AND SHALL BE SERVICED FROM THE PR. SAN SEWER MAIN TO ROW / PR. ROW. (CONTRACTOR TO COORDINATE WITH RESIDENT ENGINEER AND CITY)
- SANITARY SEWER SERVICES SHOWN ARE APPROXIMATE LOCATION. CONTRACTOR SHALL USE DUE CARE WHEN CONSTRUCTING ALL UTILITIES. IF CONTRACTOR COMES IN CONTACT AND DAMAGES ANY EXISTING SANITARY SEWER SERVICE, THE CONTRACTOR SHALL REPAIR/REPLACE THE SANITARY SEWER SERVICE IN ACCORDANCE TO THE CITY'S REQUIREMENTS.
- EXISTING SANITARY SEWERS SHOWN ARE BASED UPON FIELD INVESTIGATIONS AND PROVIDED UTILITY ATLASES BY OTHERS FOR BEST AVAILABLE INFORMATION SHOWING APPROXIMATE LOCATION FOR HORIZONTAL LOCATION AND VERTICAL ELEVATION ASSUMPTIONS. THE CONTRACTOR TO FIELD VERIFY AND POTHOLE CROSSING AS NECESSARY FOR THE PROJECT IMPROVEMENTS AS SHOWN ON THE PLAN. IF THE CONTRACTOR COMES INTO CONFLICT WITH THE SANITARY SEWER SERVICE, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING OF A POSSIBLE CONFLICT SO THAT A CONFLICT RESOLUTION CAN BE ADDRESSED. THE CONTRACTOR MAY HAVE TO ADJUST THE SERVICE AS NECESSARY PER THE STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS.
- NO ADDITIONAL PAYMENT WILL BE CONSIDERED FOR ANY SERVICES NOT LOCATED PRIOR TO EXCAVATION OR DAMAGES TO THE EXISTING SANITARY SEWER SERVICES CAUSED BY THE CONTRACTOR'S OPERATIONS.
- ALL SANITARY SEWER SERVICES SHALL BE REPLACED WITH 6" MIN. PVC SDR 26 FROM MAIN TO EX./PR. ROW LINE. CONTRACTOR SHALL MAINTAIN 18" VERTICAL SEPARATION BETWEEN WATER AND SANITARY SEWER. IF UNACHIEVABLE, THE CONTRACTOR SHALL USE PVC DR 18 (WATER MAIN QUALITY PIPE).
- ANY POWER POLE BRACING TO BE COORDINATED BY CONTRACTOR (INCIDENTAL)
- FRANCHISE UTILITIES (GAS, UNDERGROUND ELECT, PHONE & CABLE) ARE ASSUMED 32"-36" BURIED DEPTH UNLESS OTHERWISE NOTED. CONTRACTOR TO VERIFY & COORDINATE WITH THE FRANCHISE UTILITY COMPANY OWNER.

[280]
79.0'–SAN SEW 12", PVC, SDR 26
● 0.25%

[281]
MAN SAN 4 DIA T1F CL
STA:120+84.9, OS:50.0 R
RIM=936.08
INV=923.10(12"N)
INV=923.10(12"SW)

[282]
150.0'–SAN SEW 12", PVC, SDR 26
● 0.23%

[283]
MAN SAN 4 DIA T1F CL
STA:122+36.7, OS:44.0 R
RIM=933.83
INV=923.45(12"N)
INV=923.45(12"S)

[284]
251.3'–SAN SEW 12", PVC, SDR 26
● 0.24%

[285]
MAN SAN 4 DIA T1F CL
STA:124+91.1, OS:44.0 R
RIM=931.83
INV=924.05(12"N)
INV=924.05(12"S)

[286]
174.6'–SAN SEW 12", PVC, SDR 26
● 0.23%

[287]
MAN SAN 4 DIA T1F CL
STA:126+67.9, OS:43.3 R
RIM=931.25
INV=924.55(12"E)
INV=924.45(12"S)

[80]
EX. SAN SEWER 8"

[81]
MAN SAN 4 DIA T1F CL
STA:88+05.9, OS:26.6 R
RIM=934.86
INV=924.40(8"N)
INV=924.32(8"S)

[82]
64.6'–SAN SEW 8", PVC, SDR 26
● 0.54%

[83]
MAN SAN 4 DIA T1F CL
STA:88+70.5, OS:27.2 R
RIM=935.28
INV=924.85(8"N)
INV=924.75(8"S)

[84]
235.9'–SAN SEW 8", PVC, SDR 26
● 0.66%

[85]
MAN SAN 4 DIA T1F CL
STA:91+06.4, OS:27.3 R
RIM=936.57
INV=926.50(8"N)
INV=926.40(8"S)

[86]
300.5'–SAN SEW 8", PVC, SDR 26
● 0.67%

[87]
MAN SAN 4 DIA T1F CL
STA:94+06.9, OS:31.3 R
RIM=940.19
INV=928.60(8"E)
INV=930.07(8"W)
INV=928.50(8"S)

[88]
170.9'–SAN SEW 8", PVC, SDR 26
● 0.82%

[89]
MAN SAN 4 DIA T1F CL
STA:94+08.6, OS:202.2 R
RIM=943.82
INV=936.21(6"S)
INV=936.16(8"SE)
INV=931.61(8"NE)
INV=930.00(8"W)

[101]
MAN SAN 4 DIA T1F CL
STA:117+59.5, OS:51.2 L
RIM=933.09
INV=922.40(18"E)
INV=922.40(18"W)

[102]
30.2'–SAN SEWER DI 18"***
● 0.17%

[103]
MAN SAN 4 DIA T1F CL
STA:117+59.3, OS:21.0 L
RIM=934.85
INV=923.80(8"S)
INV=922.45(18"N)
INV=924.35(6"SW)
INV=924.30(10"E)
INV=922.45(18"W)

[104]
239.7'–SAN SEW 8", PVC, SDR 26
● 0.75%

[105]
MAN SAN 4 DIA T1F CL
STA:115+19.6, OS:15.0 L
RIM=936.17
INV=925.70(8"S)
INV=926.30(8"E)
INV=925.60(8"N)

[106]
SAN SEW SER CONN MANHOLE
NO INVERT AVAIABLE
CONTRACTOR TO CORE AND BOOT
PR. INV. (FIELD VERIFY SIZE AND INV.)

[107]
70.1'–SAN SEW 8", PVC, SDR 26
● 1.05%

[108]
MAN SAN 4 DIA T1F CL
STA:115+20.1, OS:55.1 R
RIM=936.76
INV=928.24(8"NE)
INV=927.04(8"W)

[109]
281.1'–SAN SEW 8", PVC, SDR 26
● 0.73%

[110]
MAN SAN 4 DIA T1F CL
STA:112+38.5, OS:15.0 L
RIM=937.58
INV=927.85(8"S)
INV=929.25(8"W)
INV=927.75(8"N)

[111]
46.2'–SAN SEW 8", PVC, SDR 26
● 1.08%

[112]
MAN SAN 4 DIA T1F CL
STA:112+38.6, OS:61.2 L
RIM=938.23
INV=929.75(8"E)

[113]
SAN SEW SER CONN MANHOLE
NO INVERT AVAIABLE
CONTRACTOR TO CORE AND BOOT
PR. INV. (FIELD VERIFY SIZE AND INV.)

[114]
308.1'–SAN SEW 8", PVC, SDR 26
● 0.76%

[115]
MAN SAN 4 DIA T1F CL
STA:109+30.4, OS:15.0 L
RIM=939.97
INV=930.30(8"S)
INV=930.20(8"N)

[116]
346.6'–SAN SEW 8", PVC, SDR 26
● 0.75%

[117]
MAN SAN 4 DIA T1F CL
STA:105+83.8, OS:19.0 L
RIM=945.37
INV=933.50(8"E)
INV=932.90(8"N)

[118]
189.5'–SAN SEW 8", PVC, SDR 26
● 0.63%

[119]
MAN SAN 4 DIA T1F CL
STA:105+90.2, OS:170.4 R
RIM=950.12
INV=934.90(8"SE)
INV=934.70(8"W)

[120]
SAN SEW SER CONN MANHOLE
NO INVERT AVAIABLE
CONTRACTOR TO CORE AND BOOT
PR. INV. (FIELD VERIFY SIZE AND INV.)

[125]
291.6'–SAN SEW 18", PVC, DR 18
● 0.14%

[126]
MAN SAN 4 DIA T1F CL
STA:120+50.1, OS:21.0 L
RIM=935.30
INV=922.90(18"N)
INV=922.90(12"NE)
INV=922.95(18"S)

[127]
SAN SEW SER CONN MANHOLE
NO INVERT AVAIABLE
CONTRACTOR TO CORE AND BOOT
PR. INV. (FIELD VERIFY SIZE AND INV.)

[128]
SAN SEW SER CONN MANHOLE
NO INVERT AVAIABLE
CONTRACTOR TO CORE AND BOOT
PR. INV. (FIELD VERIFY SIZE AND INV.)

[129]
269.8'–SAN SEW 18", PVC, DR 18
● 0.13%

[130]
MAN SAN 4 DIA T1F CL
STA:123+18.4, OS:21.0 L
RIM=933.09
INV=923.30(18"N)
INV=923.25(18"S)

[131]
SAN SEW SER CONN MANHOLE
NO INVERT AVAIABLE
CONTRACTOR TO CORE AND BOOT
PR. INV. (FIELD VERIFY SIZE AND INV.)

[132]
316.7'–SAN SEW 18", PVC, DR 18
● 0.13%

[133]
MAN SAN 4 DIA T1F CL
STA:126+33.3, OS:21.1 L
RIM=930.49
INV=924.15(8"N)
INV=924.80(6"W)
INV=923.70(18"S)

[136]
327.1'–SAN SEW 8", PVC, SDR 26
● 0.41%

[137]
MAN SAN 4 DIA T1F CL
STA:129+58.2, OS:32.6 L
RIM=929.93
INV=925.60(8"NW)
INV=925.50(8"S)

[138]
215.3'–SAN SEW 8", PVC, SDR 26
● 0.42%

[139]
MAN SAN 4 DIA T1F CL
STA:176+40.9, OS:36.0 R
RIM=930.83
INV=926.60(8"NW)
INV=926.50(8"SE)

[140]
312.5'–SAN SEW 8", PVC, SDR 26
● 0.45%

[141]
MAN SAN 4 DIA T1F CL
STA:173+28.9, OS:19.4 R
RIM=934.58
INV=928.10(8"NW)
INV=928.00(8"SE)

[142]
405.4'–SAN SEW 8", PVC, SDR 26
● 0.96%

[143]
MAN SAN 4 DIA T1F CL
STA:169+23.7, OS:6.8 R
RIM=940.03
INV=932.00(8"SE)

[144]
SANITARY SEWER CONN MANHOLE
NO INVERT AVAIABLE
CONTRACTOR TO CORE AND BOOT
PR. INV. (FIELD VERIFY SIZE AND INV.)

[151]
MAN SAN 4 DIA T1F CL
STA:137+13.6, OS:49.3 R
RIM=926.14
INV=908.50(12"N)
INV=908.40(12"SE)

[152]
91.9'–SAN SEW 12", PVC, DR 21
● 0.27%

[153]
MAN SAN 4 DIA T1F CL
STA:137+97.3, OS:11.4 R
RIM=927.23
INV=908.80(12"N)
INV=908.75(12"S)

[154]
101.7'–SAN SEW 12", PVC, DR 21
● 0.30%

[155]
MAN DT 4 DIA T1F CL
STA:138+99.0, OS:14.7 R
RIM=925.92
INV=909.20(10"N)
INV=917.35(8"W) (UPPER)
INV=909.30(10"W) (LOWER)
INV=909.10(12"S)

[156]
240.1'–SAN SEW 10", PVC, DR 21
● 0.29%

[157]
MAN SAN 4 DIA T1F CL
STA:141+39.1, OS:10.8 R
RIM=924.17
INV=909.95(10"N)
INV=909.90(10"S)

[158]
261.8'–SAN SEW 10", PVC, SDR 26
● 0.29%

[159]
MAN SAN 4 DIA T1F CL
STA:144+00.0, OS:3.5 R
RIM=922.42
INV=910.75(10"N)
INV=910.70(10"S)

[160]
323.8'–SAN SEW 10", PVC, SDR 26
● 0.29%

[161]
MAN SAN 4 DIA T1F CL
STA:147+24.4, OS:3.1 L
RIM=919.94
INV=911.75(8"W)
INV=912.30(4"E)
INV=911.70(10"S)

[162]
27.5'–SAN SEW 8", PVC, SDR 26
● 0.55%

[163]
MAN SAN 4 DIA T1F CL
STA:147+27.0, OS:30.5 L
RIM=919.04
INV=911.96(8"W)
INV=911.90(8"E)

[164]
51.0'–SAN SEW SPL, PVC, C900
(BELL & SPIGOT) FORCE MAIN 4

[165]
CONNECT EX MANHOLE ADJUST RIM
STA:147+20.0, OS:47.7 R
RIM=907.87
INV=907.50(4"W)

[166]
MAN SAN 4 DIA T1F CL
STA:152+78.4, OS:58.1 R
RIM=912.77

[181]
360.8'–SAN SEW 8", PVC, SDR 26
● 0.40%

[182]
MAN DT 4 DIA T1F CL
STA:163+60.7, OS:21.3 L
RIM=914.80
INV=901.45(8"SE)
INV=905.80(8"E) (UPPER)
INV=906.80(8"W) (UPPER)
INV=902.00(10"SW) (LOWER)
INV=902.00(10"NE) (LOWER)
INV=901.35(6"NW)

[183]
81.4'–SAN SEW 8", PVC, SDR 26
● 1.23%

[184]
MAN SAN 4 DIA T1F CL
STA:163+45.5, OS:58.7 R
RIM=915.42
INV=906.80(8"W)

[185]
SAN SEW SER CONN MANHOLE
NO INVERT AVAIABLE
CONTRACTOR TO CORE AND BOOT
PR. INV. (FIELD VERIFY SIZE AND INV.)

[186]
SAN SEW SER CONN MANHOLE
NO INVERT AVAIABLE
CONTRACTOR TO CORE AND BOOT
PR. INV. (FIELD VERIFY SIZE AND INV.)

[187]
307.4'–SAN SEW 8", PVC, SDR 26
● 0.41%

[188]
MAN DT 4 DIA T1F CL
STA:160+53.4, OS:21.0 L
RIM=913.15
INV=902.80(8"SE)
INV=903.60(8"NE)
INV=908.00(8"W) (UPPER)
INV=902.80(10"W) (LOWER)
INV=902.70(8"NW)

[189]
20.2'–SAN SEW 8", PVC, SDR 26
● 2.97%

[190]
MAN SAN 4 DIA T1F CL
STA:160+57.9, OS:40.6 L
RIM=913.42
INV=908.60(8"E)

[191]
SAN SEW SER CONN MANHOLE
NO INVERT AVAIABLE
CONTRACTOR TO CORE AND BOOT
PR. INV. (FIELD VERIFY SIZE AND INV.)

[192]
64.0'–SAN SEW 8", PVC, SDR 26
● 4.53%

[193]
MAN SAN 4 DIA T1F CL
STA:160+51.8, OS:43.0 R
RIM=913.40
INV=908.30(8"SE)
INV=906.50(8"SW)

[194]
SAN SEW SER CONN MANHOLE
NO INVERT AVAIABLE
CONTRACTOR TO CORE AND BOOT
PR. INV. (FIELD VERIFY SIZE AND INV.)

[195]
164.7'–SAN SEW 8", PVC, SDR 26
● 0.43%

[196]
MAN DT 4 DIA T1F CL
STA:158+88.7, OS:21.0 L
RIM=911.03
INV=903.60(8"SE)
INV=907.00(6"SW) (UPPER)
INV=904.00(8"SW) (LOWER)
INV=903.50(8"NW)

[197]
226.8'–SAN SEW 8", PVC, SDR 26
● 0.42%

[198]
MAN SAN 4 DIA T1F CL
STA:156+61.9, OS:21.0 L
RIM=910.69
INV=904.65(8"SE)
INV=904.55(8"NW)

[199]
199.7'–SAN SEW 8", PVC, SDR 26
● 0.43%

[200]
MAN SAN 4 DIA T1F CL
STA:154+62.2, OS:21.0 L
RIM=911.69
INV=905.70(8"SW)
INV=905.50(8"NW)

[201]
40.6'–SAN SEW 8", PVC, SDR 26
● 1.23%

[202]
MAN SAN 4 DIA T1F CL
STA:154+62.1, OS:61.6 L
RIM=912.36
INV=908.45(2"SW)
INV=906.20(8"NE)

[290]
71.0'–SAN SEW 10", PVC, SDR 26
● 0.42%

[291]
MAN SAN 4 DIA T1F CL
STA:117+58.7, OS:50.0 R
RIM=936.73
INV=924.90(8"N)
INV=924.60(10"W)

[292]
173.7'–SAN SEW 8", PVC, SDR 26
● 0.46%

[293]
MAN SAN 4 DIA T1F CL
STA:119+32.8, OS:52.3 R
RIM=935.26
INV=925.70(8"S)

COMPANY NAME: HRGreen.com
PROJECT CONTACT: Illinois Professional Design Firm
2/6/2025 1:31 PM
DATE PLOTTED: 191865-Cover
FILE NAME: 191865-Cover
PLOT DRIVER: DWG To PDF.pc3
PEN TABLE: ILDOT-Standard.ctb

SANITARY SEWER TAG SHEET/ INFORMATION

SANITARY SEWER TRENCH BACKFILL TABLE			
PIPE TAG NUMBER	PIPE SIZE (DIA.) (IN)	LENGTH OF TRENCH (FT)	TBF (C.Y.)
82	8	64.6	100
84	8	235.9	355
86	8	300.5	491
88	8	170.9	348
102	18	30.2	56
104	8	239.7	388
107	10	70.1	95
109	8	281.1	413
111	8	46.2	50
114	8	308.1	426
116	8	346.6	581
118	8	189.5	426
125	18	291.6	609
129	18	269.8	467
132	18	316.7	316
136	8	327.1	135
138	8	215.3	38
140	8	312.5	130
142	8	405.4	335
152	12	91.9	290
154	12	101.7	311
156	10	240.1	629
158	10	261.8	539
160	10	323.8	449
162	8	27.5	25
164	4	51.0	8
181	8	360.8	766
183	8	81.4	95
187	8	307.4	572
189	8	20.2	7
192	8	64.0	67
195	8	164.7	198
197	8	226.8	164
199	8	199.7	115
201	8	40.6	23
215	10	388.7	638
217	8	361.7	647
220	8	80.7	164
231	18	24.7	49
233	10	260.3	319
235	8	89.4	90
237	10	53.7	52
239	10	198.8	191
241	8	162.5	208
243	8	122.3	173
245	8	123.3	94
261	10	204.2	364
263	10	180.0	284
267	10	120.4	145
269	10	288.8	378
280	12	79.0	155
282	12	150.0	289
284	12	251.3	336
286	12	174.6	164
290	10	71.0	120
292	8	173.7	308
302	12	39.2	28
304	8	16.6	11
306	12	139.6	139
308	12	24.6	29
352	8	114.2	129
402	8	200.1	418
405	8	193.7	401
502	12	394.2	825
505	12	62.6	115
551	10	114.8	189
553	8	257.7	391
555	8	19.6	31
557	8	50.0	85
601	12	223.5	287
603	8	255.1	283
651	12	377.2	727
653	12	269.3	496
702	18	98.2	207
801	12	0.0	0
803	12	0.0	0
805	12	0.0	0
807	12	0.0	0
901	18	96.2	189
912	30	56.3	130
914	30	113.2	245
2602	12	0.0	0

[210]
MAN SAN 4 DIA T1F CL (MONITORING MH)
NO INVERT AVAIABLE
CONTRACTOR TO CORE AND BOOT
PR. INV. (FIELD VERIFY SIZE AND INV.)

[215]
388.7'-SAN SEW 10", PVC, SDR 26
● 0.57%
[216]
MAN SAN 4 DIA T1F CL
STA:178+49.5, OS:15.0 L
RIM=889.04
INV=879.00(8"SE)
INV=878.80(10"NW)

[217]
361.7'-SAN SEW 8", PVC, SDR 26
● 2.02%

[218]
MAN SAN 4 DIA T1F CL
STA:174+87.8, OS:15.0 L
RIM=899.43
INV=886.80(8"NE)
INV=886.30(8"NW)

[219]
SAN SEW SER CONN MANHOLE
NO INVERT AVAIABLE
CONTRACTOR TO CORE AND BOOT
PR. INV. (FIELD VERIFY SIZE AND INV.)

[220]
80.7'-SAN SEW 8", PVC, SDR 26
● 1.36%

[221]
MAN SAN 4 DIA T1F CL
STA:174+73.1, OS:64.4 R
RIM=900.57
INV=888.86(8"SE)
INV=888.86(8"NE)
INV=887.90(8"SW)

[231]
24.7'-SAN SEW 18", PVC, DR 18
● 0.16%

[232]
MAN SAN 4 DIA T1F CL
STA:200+67.9, OS:43.1 L
RIM=897.77
INV=887.50(10"SE)
INV=887.50(12"SW)
INV=885.85(12"NE)
INV=886.60(6"W)
INV=885.81(18"S)
INV=885.81(18"N)

[233]
260.3'-SAN SEW 10", PVC, SDR 26
● 0.50%

[234]
MAN SAN 4 DIA T1F CL
STA:198+17.7, OS:20.0 R
RIM=896.98
INV=888.90(10"SE)
INV=889.00(8"E)
INV=888.80(10"NW)

[235]
89.4'-SAN SEW 8", PVC, SDR 26
● 1.68%

[236]
MAN SAN 4 DIA T1F CL
STA:197+63.1, OS:91.0 R
RIM=898.63
INV=891.20(8"E)
INV=890.50(8"W)

[237]
53.7'-SAN SEW 10", PVC, SDR 26
● 0.47%

[238]
MAN SAN 4 DIA T1F CL
STA:197+64.0, OS:25.4 R
RIM=897.24
INV=889.25(10"S)
INV=889.15(10"NW)

[239]
198.8'-SAN SEW 10", PVC, SDR 26
● 0.45%

[240]
MAN SAN 4 DIA T1F CL
STA:196+08.6, OS:95.8 L
RIM=898.23
INV=890.35(8"E)
INV=893.00(6"S)
INV=890.15(10"N)

[241]
162.5'-SAN SEWER DI 8"***
● 0.49%

[242]
MAN SAN 4 DIA T1F CL
STA:195+02.7, OS:25.8 R
RIM=901.92
INV=891.89(6"NE)
INV=891.25(8"SE)
INV=891.15(8"W)

[243]
122.3'-SAN SEW 8", PVC, SDR 26
● 0.49%

[244]
MAN SAN 4 DIA T1F CL
STA:193+78.7, OS:26.2 R
RIM=900.99
INV=891.95(8"SE)
INV=891.85(8"NW)

[245]
123.3'-SAN SEW 8", PVC, SDR 26
● 0.49%

[246]
MAN SAN 4 DIA T1F CL
STA:192+54.1, OS:25.8 R
RIM=897.45
INV=892.55(8"NW)

[261]
204.2'-SAN SEW 10", PVC, SDR 26
● 0.44%

[262]
MAN SAN 4 DIA T1F CL
STA:202+87.8, OS:3.2 L
RIM=899.44
INV=887.50(10"N)
INV=887.40(10"S)

[263]
180.0'-SAN SEW 10", PVC, SDR 26
● 0.44%

[264]
MAN SAN 4 DIA T1F CL
STA:204+73.6, OS:1.6 L
RIM=897.99
INV=888.30(10"N)
INV=888.30(10"S)

[265]
SAN SEW SER CONN MANHOLE
NO INVERT AVAIABLE
CONTRACTOR TO CORE AND BOOT
PR. INV. (FIELD VERIFY SIZE AND INV.)

[266]
SAN SEW SER CONN MANHOLE
NO INVERT AVAIABLE
CONTRACTOR TO CORE AND BOOT
PR. INV. (FIELD VERIFY SIZE AND INV.)

[267]
120.4'-SAN SEW 10", PVC, SDR 26
● 0.46%

[268]
MAN SAN 4 DIA T1F CL
STA:205+94.0, OS:2.0 L
RIM=897.41
INV=889.00(10"N)
INV=888.85(10"S)

[269]
288.8'-SAN SEW 10", PVC, SDR 26
● 0.87%

[270]
MAN DT 4 DIA T1F CL
STA:208+82.8, OS:1.4 L
RIM=902.30
INV=895.00(6"NE) (UPPER)
INV=895.80(8"N) (UPPER)
INV=892.00(10"N) (LOWER)
INV=892.00(8"E) (LOWER)
INV=891.50(10"S)

[301]
MAN SAN 4 DIA T1F CL
STA:181+95.3, OS:27.9 R
RIM=936.84
INV=929.90(12"E)
INV=930.40(8"SE)
INV=928.60(12"W)

[302]
39.2'-SAN SEW 12", PVC, SDR 26
● 1.02%

[303]
MAN SAN 4 DIA T1F CL
STA:182+18.8, OS:3.4 L
RIM=937.58
INV=930.40(12"SE)
INV=930.80(8"NE)
INV=930.30(12"W)

[304]
16.6'-SAN SEW 8", PVC, SDR 26
● 1.20%

[305]
MAN SAN 4 DIA T1F CL
STA:182+12.5, OS:18.8 L
RIM=937.12
INV=931.30(8"NW)
INV=931.00(8"SW)

[306]
139.6'-SAN SEW 12", PVC, SDR 26
● 1.07%

[307]
MAN SAN 4 DIA T1F CL
STA:183+58.3, OS:0.0
RIM=941.45
INV=932.00(12"E)
INV=931.90(12"NW)

[308]
24.6'-SAN SEW 12", PVC, SDR 26
● 1.22%

[309]
MAN SAN 4 DIA T1F CL
STA:183+73.0, OS:19.8 L
RIM=941.26
INV=932.40(12"SE)
INV=932.30(12"W)

[351]
MAN SAN 4 DIA T1F CL
STA:137+00.0, OS:3.9 R
RIM=926.65
INV=918.00(8"E)

[352]
114.2'-SAN SEW 8", PVC, SDR 26
● 0.57%

[401]
MAN DT 4 DIA T1F CL
STA:110+80.2, OS:2.8 R
RIM=910.98
INV=898.10(8"E)
INV=897.94(8"W)
INV=904.99(6"S) (UPPER)
INV=898.50(8"S) (LOWER)
INV=897.94(8"N)

[402]
200.1'-SAN SEW 8", PVC, SDR 26
● 0.40%

[403]
MAN SAN 4 DIA T1F CL
STA:112+80.3, OS:2.9 R
RIM=911.88
INV=899.00(8"E)
INV=898.90(8"W)

[404]
SAN SEW SER CONN MANHOLE
NO INVERT AVAIABLE
CONTRACTOR TO CORE AND BOOT
PR. INV. (FIELD VERIFY SIZE AND INV.)

[405]
193.7'-SAN SEW 8", PVC, SDR 26
● 0.41%

[406]
MAN DT 4 DIA T1F CL
STA:114+74.0, OS:3.3 R
RIM=912.62
INV=899.90(8"SE)
INV=900.30(8"E) (LOWER)
INV=905.22(6"E) (UPPER)
INV=899.80(8"W)

[407]
SAN SEW SER CONN MANHOLE
NO INVERT AVAIABLE
CONTRACTOR TO CORE AND BOOT
PR. INV. (FIELD VERIFY SIZE AND INV.)

[501]
MAN SAN 4 DIA T1F CL
STA:204+33.0, OS:23.0 R
RIM=887.25
INV=874.20(12"S)
INV=874.04(12"N)

[502]
394.2'-SAN SEW 12", PVC, SDR 26
● 0.33%

[503]
MAN SAN 4 DIA T1F CL
STA:200+38.8, OS:23.2 R
RIM=887.42
INV=875.60(12"SW)
INV=875.50(12"N)

[504]
SAN SEW SER CONN MANHOLE
NO INVERT AVAIABLE
CONTRACTOR TO CORE AND BOOT
PR. INV. (FIELD VERIFY SIZE AND INV.)

[505]
62.6'-SAN SEW 12", PVC, SDR 26
● 0.80%

[506]
MAN SAN 4 DIA T1F CL
STA:111+86.5, OS:11.7 L
RIM=888.56
INV=876.60(10"SE)
INV=876.30(10"W)
INV=876.10(12"NE)

[551]
114.8'-SAN SEW 10", PVC, SDR 26
● 0.44%

[552]
MAN SAN 4 DIA T1F CL
STA:110+71.8, OS:6.8 L
RIM=886.74
INV=877.00(8"W)
INV=876.80(10"E)

[553]
257.7'-SAN SEW 8", PVC, SDR 26
● 0.50%

[554]
MAN SAN 4 DIA T1F CL
STA:108+14.1, OS:7.4 L
RIM=889.27
INV=878.35(8"W)
INV=878.60(8"N)
INV=878.30(8"E)

[555]
19.6'-SAN SEW 8", PVC, SDR 26
● 0.51%

[556]
MAN SAN 4 DIA T1F CL
STA:108+14.1, OS:27.0 L
RIM=889.30
INV=878.70(8"S)

[557]
50.0'-SAN SEW 8", PVC, SDR 26
● 0.50%

[558]
MAN DT 4 DIA T1F CL
STA:107+64.5, OS:0.4 L
RIM=890.01
INV=884.29(8"W) (UPPER)
INV=882.09(8"S) (UPPER)
INV=880.14(6"N)

INV=883.49(8"N) (UPPER)
INV=879.00(10"W) (LOWER)
INV=879.00(10"N) (LOWER)
INV=879.00(10"S) (LOWER)
INV=878.60(8"E)

[601]
223.5'-SAN SEW 12", PVC, SDR 26
● 1.25%

[602]
MAN SAN 4 DIA T1F CL
STA:64+85.5, OS:1.8 L
RIM=899.34
INV=890.70(8"SW)
INV=890.30(12"NE)

[603]
255.1'-SAN SEW 8", PVC, SDR 26
● 1.41%

[604]
MAN SAN 4 DIA T1F CL
STA:62+30.5, OS:0.0
RIM=902.71
INV=894.30(8"NE)

[651]
377.2'-SAN SEW 12", PVC, SDR 26
● 0.16%

[652]
MAN SAN 4 DIA T1F CL
STA:70+86.2, OS:1.7 L
RIM=899.76
INV=886.45(12"NE)
INV=886.45(12"SW)

[653]
269.3'-SAN SEW 12", PVC, SDR 26
● 0.15%

[654]
MAN SAN 4 DIA T1F CL
STA:73+55.6, OS:3.7 R
RIM=897.89
INV=886.86(12"NE)
INV=886.85(12"SW)

[655]
SAN SEW SER CONN MANHOLE
NO INVERT AVAIABLE
CONTRACTOR TO CORE AND BOOT
PR. INV. (FIELD VERIFY SIZE AND INV.)

[656]
SAN SEW SER CONN MANHOLE
NO INVERT AVAIABLE
CONTRACTOR TO CORE AND BOOT
PR. INV. (FIELD VERIFY SIZE AND INV.)

[701]
MAN SAN 4 DIA T1F CL
STA:66+57.0, OS:89.4 L
RIM=898.64
INV=885.66(18"E)
INV=885.66(18"W)

[702]
98.2'-SAN SEW 18", PVC, DR 18
● 0.12%

[703]
MAN SAN 4 DIA T1F CL
STA:200+90.2, OS:35.1 L
RIM=897.90
INV=885.77(18"S)
INV=886.50(10"N)
INV=885.77(18"W)

[801]
50.0'-SAN SEW 12", PVC, DR 18
● 0.80%

[802]
MAN SAN 4 DIA T1F CL
STA:31+16.0, OS:0.0
RIM=930.23
INV=909.60(12"N)
INV=908.90(12"W)

[803]
60.6'-SAN SEW 12", PVC, DR 18
● 0.66%

[804]
MAN SAN 4 DIA T1F CL
STA:31+76.7, OS:0.0
RIM=929.56
INV=910.50(12"E)
INV=910.00(12"S)

[805]
89.4'-SAN SEW 12", PVC, DR 21
● 0.67%

[806]
MAN SAN 4 DIA T1F CL
STA:32+66.1, OS:0.0
RIM=927.74
INV=911.60(12"N)
INV=911.10(12"W)

[807]
164.9'-SAN SEW 12", PVC, DR 21
● 0.85%

[808]
MAN SAN 4 DIA T1F CL
STA:140+92.9, OS:43.9 R
RIM=926.79
INV=914.57(12"E)
INV=913.00(12"S)

[901]
96.2'-SAN SEW 18", PVC, DR 18
● 0.12%

[902]
MAN SAN 4 DIA T1F CL
STA:199+86.0, OS:81.7 L
RIM=898.03
INV=885.93(18"S)
INV=885.93(18"N)

[911]
MAN SAN 5 DIA T1F CL
STA:201+05.0, OS:109.7 L
RIM=898.39
INV=884.94(30"E)
INV=884.94(30"W)

[912]
56.3'-SAN SEW 30", PVC, DR 25
● 0.13%

[913]
MAN SAN 6 DIA T1F CL
STA:200+89.4, OS:56.1 L
RIM=898.13
INV=885.01(30"S)
INV=885.01(30"W)

[914]
113.2'-SAN SEW 30", PVC, DR 25
● 0.15%

[915]
MAN SAN 4 DIA T1F CL
STA:199+93.2, OS:98.0 L
RIM=897.64
INV=885.18(30"S)
INV=885.18(30"N)

[2601]
MAN SAN 4 DIA T1F CL
STA:2645+39.3, OS:64.5 R
RIM=929.49
INV=907.85(12"NW)
INV=908.50(12"E)
INV=907.80(8"S)

[2602]
174.5'-SAN SEW 12", PVC, DR 21
● 0.32%

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SANITARY SEWER TAGS

SCALE: N.T.S. SHEET NO. 01 OF 01 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	2024-1052-N,C,SW,FL	MCHENRY	941	500
CONTRACT NO. 62X94				
ILLINOIS FED. AID PROJECT				