

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3578	15VB-1-R-1	COOK	243	37
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62388				

INLETS TO BE ADJUSTED			
LT/RT	STATION	OFFSET	EA.
RT	5+073	10.19	1
TOTAL =			1

MANHOLES TO BE ADJUSTED			
LT/RT	STATION	OFFSET	EA.
LT	4+976	10.83	1
LT	4+980	12.16	1
LT	4+977	5.69	1
LT	5+035	10.53	1
LT (RIDGE)	6+135	12.12	1
TOTAL =			5

PROPOSED DRAINAGE STRUCTURES						
STRUCTURE NO.	STATION	OFFSET	RIM ELEV.	INVERT	STRUCTURE TYPE	
2A	4+967	9.30	LT 181.67	180.12 (S), 180.07 (E)	CB TA 1.2 DIA T24F&G	
2B	4+938	9.30	RT 182.66	180.47 (N)	CB TA 1.2 DIA T24F&G	
2C	4+994	15.30	RT 180.85	179.72 (W), MATCH EX. (N & S)	CB TA 1.2 DIA T24F&G	
2D	5+044	9.75	LT 180.75	179.62 (SE), 179.57 (NW)	CB TA 1.2 DIA T24F&G	
3A	6+033	15.70	RT 180.73	179.18 (W)	CB TA 1.2 DIA T24F&G	
3B	6+032	12.16	RT 180.73	179.10 (W), 179.15 (E)	CB TA 1.2 DIA T24F&G	
3C	6+032	9.15	LT 180.78	179.20 (N), 179.15 (E)	CB TA 1.2 DIA T24F&G	
3D	6+050	9.15	LT 180.92	179.37 (S)	CB TA 1.2 DIA T24F&G	
3E	6+062	12.43	RT 180.98	179.43 (W)	INLETS, TA, T24 F&G	
3F	6+115	12.75	LT 181.20	179.65 (N)	CB TA 1.2 DIA T24F&G	
3G	6+138	12.75	LT 180.92	179.41 (S), 179.36 (E)	CB TA 1.2 DIA T24F&G	

INLETS TO BE RECONSTRUCTED			
LT/RT	STATION	OFFSET	EA.
RT	5+043	10.90	1
TOTAL =			1

MANHOLES TO BE RECONSTRUCTED			
LT/RT	STATION	OFFSET	EA.
LT	5+024	17.72	1
TOTAL =			1

REMOVING INLETS			
LT/RT	STATION	OFFSET (m)	EA.
LT	4+976	7.46	1
LT	5+001	31.23	1
LT	5+003	28.48	1
LT (RIDGE)	6+032	8.59	1
TOTAL =			4

STORM SEWER REMOVAL 300MM			
LT/RT	START STATION	END STATION	FT
LT	4+980	4+976	6.4
LT/RT	4+976	4+956	29.7
RT	4+956	4+955	7.2
RT	4+955	4+969	19.4
LT	4+999	5+002	3.8
LT	5+002	5+022	21.6
LT	5+022	5+024	2.0
LT/RT	5+042	5+043	22.0
LT (RIDGE)	6+032	6+032	19.1
LT (RIDGE)	6+029	6+030	3.3
TOTAL =			134

PROPOSED STORM SEWERS								
PIPE NO.	FROM	TO	LENGTH (m)	DIA. (mm)	TYPE	SLOPE (%)	TOTAL BACKFILL (CM)	
2-1	2B	2A	34.4	300	SS, CLASS A, TY 1, 300MM	1%	32.2	
2-2	2A	2C	35.3	300	SS, (WATER MAIN REQ.) 300MM	1%	17.2	
2-3	EX. INL.	2D	20.6	300	SS, CLASS A, TY 1, 300MM	1%	6.8	
3-1	3A	3B	2.6	300	SS, CLASS A, TY 1, 300MM	1%	1.8	
3-2	3B	EX. CB	1.1	300	SS, CLASS A, TY 1, 300MM	1%	0.8	
3-3	3C	EX. CB	19.3	300	SS, CLASS A, TY 1, 300MM	1%	13.5	
3-4	3D	3C	17.2	300	SS, CLASS A, TY 1, 300MM	1%	12.0	
3-5	3E	EX. CB	1.2	300	SS, CLASS A, TY 1, 300MM	1%	0.8	
3-6	3G	EX. MH	22.6	300	SS, (WATER MAIN REQ.) 300MM	1%	14.4	
3-7	3F	EX. MH	24.2	300	SS, (WATER MAIN REQ.) 300MM	1%	15.0	
TOTAL							178.50	114.4

CATCH BASINS TO BE ADJUSTED			
LT/RT	STATION	OFFSET	EA.
RT	5+010	11.92	1
LT	5+068	9.91	1
LT	5+095	10.19	1
RT	5+095	10.09	1
LT (RIDGE)	6+001	8.30	1
RT (RIDGE)	6+002	10.93	1
TOTAL =			6

PIPE UNDERDRAIN				
ROADWAY	STATION	STATION	LENGTH (m)	LT/RT
SW	4+455.0	4+455.0	2.8	LT
SW	4+455.0	4+455.0	5.0	RT
SW	4+455.0	4+515.1	60.1	LT
SW	4+455.0	4+515.1	60.1	RT
SW	4+932.9	4+966.6	33.4	LT
SW	5+007.5	5+095.1	88.1	RT
SW	5+044.1	5+094.8	50.4	LT
RIDGE	6+002.1	6+049.5	47.5	LT
RIDGE	6+003.1	6+079.8	76.7	RT
RIDGE	6+115.0	6+137.9	14.9	LT
TOTAL =			439.0	

REMOVING CATCH BASINS			
LT/RT	STATION	OFFSET (m)	EA.
LT	4+921	6.31	1
RT	4+920	8.01	1
RT	4+956	14.75	1
RT	4+955	21.98	1
RT	4+993	15.30	1
LT	5+022	19.14	1
LT	5+042	9.22	1
TOTAL =			7

CONCRETE HEADWALLS FOR PIPE DRAIN			
LT/RT	STATION	OFFSET	EA.
LT	4+455	9.20	1
RT	4+455	11.40	1
RT	4+939	15.40	1
TOTAL =			3

CATCH BASINS TO BE RECONSTRUCTED			
LT/RT	STATION	OFFSET	EA.
RT (RIDGE)	6+062	10.28	1
RT (RIDGE)	6+032	10.61	1
TOTAL =			2

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAU 3578 (SOUTHWEST HIGHWAY)  
 OVER B&O RAILROAD AND STONY CREEK  
 DRAINAGE & UTILITIES  
 SCHEDULE

VERT. N/A  
 SCALE: HORIZ. N/A  
 DATE: 6/17/09

DRAWN BY: DES  
 CHECKED BY: JJC

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**PATRICK ENGINEERING INC.**  
 LISLE, ILLINOIS