

PROPOSED DRAINAGE STRUCTURES

101	STA 97+29, 41' LT INLETS TA T24F&G RIM = 634.16 N INV = 631.76	114	STA 111+79, 59' LT CB TA 4 DIA T24F&G RIM = 644.45 S INV = 641.28 (EXIST S.S.) S INV = 641.28	125	STA 119+56, 59' LT INLETS TA T24F&G RIM = 653.46 N INV = 649.12	137	STA 127+63, 45' LT CB TC T24F&G RIM = 635.58 E INV = 631.82 S INV = 633.31 (PIPE UNDERDRAIN OUTLET)	304	NOT USED	402	STA 122+81, 101' RT PRC FLAR END SEC 12 GRATING-C FL END S 12 FES INV = 633.62
102	STA 7+18, 65' RT CB TC T24F&G RIM = 633.65 NE INV = 630.70	115	STA 112+48, 65' LT CB TA 4 DIA T24F&G RIM = 645.75 S INV = 641.21 (EXIST S.S.) N INV = 641.81	126	STA 121+29, 75' LT CB TA 4 DIA T24F&G RIM = 645.85 NW INV = 640.50 S INV = 642.00	201	STA 11+35, 40' LT CB TC T24F&G RIM = 635.70 SW INV = 625.36	305	NOT USED	403	STA 121+65, 155' RT PRC FLAR END SEC 24 GRATING-C FL END S 24 FES INV = 632.79
103	STA 6+61, 60' RT CB TC T24F&G RIM = 633.06 NE INV = 628.81	116	STA 113+00, 65' LT CB TA 4 DIA T24F&G RIM = 647.08 W INV = 643.58 N INV = 643.58 S INV = 643.57	127	STA 122+14, 138' LT MAN TA 4 DIA T1F CL RIM = 643.18 SW INV = 643.80 SE INV = 635.80	202	STA 12+38, 40' LT CB TC T24F&G RIM = 635.50 S INV = 632.09	306	NOT USED	404	STA 116+74, 221' RT MAN TA 4 DIA T1F CL RIM = 633.27 S INV = 626.63 (EX S.S.) W INV = 626.62
104	STA 101+40, 53' LT CB TC T24F&G RIM = 633.79 E INV = 631.46	116A	STA 113+00, 80' LT INLET TA T8G RIM = 647.02 E INV = 643.71	127A	STA 123+02, 87' LT CB TA 4 DIA T8G RIM = 635.41 SW INV = 629.70 SE INV = 629.52	203	STA 13+31, 36' RT CB TC T24F&G RIM = 636.03 N INV = 631.03 (EXIST S.S.)	307	NOT USED	405	STA 116+79, 184' RT MAN TA 4 DIA T1F CL RIM = 633.36 E INV = 626.45 N INV = 626.44
105	STA 102+83, 53' LT CB TC T24F&G RIM = 633.27 E INV = 630.94	117	STA 113+98, 64' LT CB TA 4 DIA T24F&G RIM = 650.93 S INV = 646.91 N INV = 647.01	128	STA 123+79, 67' LT INLET TA, T24F&G RIM = 636.36 S INV = 632.86	204	STA 12+16, 36' RT CB TC T24F&G RIM = 635.92 N INV = 630.87 (EXIST S.S.)	308	NOT USED	406	STA 117+63, 180' RT MAN TA 4 DIA T1F CL RIM = 635.69 NW INV = 630.14 (EX S.S.) NW INV = 626.09 (EX S.S.) S INV = 626.09
106	STA 104+27, 53' LT CB TC T24F&G RIM = 632.95 NE INV = 630.62	118	STA 115+52, 60' LT INLETS TA T24F&G RIM = 656.51 S INV = 652.25	129	STA 119+61, 59' RT INLETS TA T24F&G RIM = 653.29 N INV = 647.50	205	STA 7+57, 48' RT CB TC T24F&G RIM = 635.65 N INV = 630.65 (EXIST S.S.)	309	STA 21+61, 21' LT INLETS TA T24F&G RIM = 639.95 E INV = 634.34	407	STA 121+27, 120' RT CONC HDWL FOR P DRAIN FES INV=638.50
107	STA 106+27, 48' LT INLETS TA T24F&G RIM = 632.35 W INV = 640.87	119	STA 111+97, 15' RT INLETS TA T24F&G RIM = 646.13 E INV = 640.87	130	STA 121+12, 71' RT CB TA 4 DIA T24F&G RIM = 646.84 N INV = 640.60 S INV = 640.80	206	STA 6+83, 48' RT CB TC T24F&G RIM = 635.27 N INV = 630.97 (EXIST S.S.)	310	STA 21+76, 21' LT CB TA 4 DIA T24F&G RIM = 639.86 W INV = 634.20 N INV = 634.50 S INV = 634.10	501	STA 118+00, 69' LT CB TA 4 DIA T1F OL RIM = 634.85 E INV = 629.26 S INV = 629.00 SW INV = 630.93 SE INV = 630.93
108	STA 106+52, 48' LT INLETS TA T24F&G RIM = 632.66 N INV = 629.82	120	STA 114+56, 11' RT INLETS TA T24F&G RIM = 640.49 NE INV = 650.18	131	STA 122+66, 54' RT CB TA 4 DIA T24F&G RIM = 640.64 SE INV = 636.08 S INV = 638.64 (UNDERDRAIN OUTLET) N INV = 638.64 (UNDERDRAIN CLEANOUT)	207	STA 5+41, 48' RT CB TC T24F&G RIM = 634.42 N INV = 631.11	310A	STA 110+47, 85' LT INLETS TA T24F&G RIM = 643.00 S INV = 635.10	502	STA 118+02, 28' LT CB TA 4 DIA T1F OL RIM = 634.76 N INV = 629.61 (EX S.S.) E INV = 629.61 W INV = 629.50
109	STA 106+86, 47' LT CB TA 4 DIA T24F&G RIM = 632.85 W INV = 628.08 N INV = 629.68 S INV = 629.68	120A	STA 110+41, 106' RT INLETS TA T24F&G RIM = 642.60 W INV = 634.57	132	STA 122+22, 78' RT CB TA 5 DIA T1F CL (CONC. FLAT SLAB TOP) RIM = 641.69 NW INV = 635.84 S INV = 637.30 NE INV = 633.34 SE INV = 633.24	208	STA 4+58, 44' RT CB TC T24F&G RIM = 633.93 N INV = 630.14	311	STA 2+29, 0' CB TA 4 DIA T24F&G RIM = 634.99 N INV = 631.45 S INV = 631.35	503	STA 118+03, 13' LT INLETS TA T1F OL RIM = 634.37 W INV = 629.70
110	NOT USED	121	STA 111+77, 83' RT INLETS TA T24F&G RIM = 644.15 NW INV = 637.82	133	STA 124+37, 110' RT CB TC T24F&G RIM = 635.90 N INV = 632.10 SW INV = 633.90 (UNDERDRAIN OUTLET)	209	STA 3+67, 35' RT CB TC T24F&G RIM = 633.59 N INV = 630.69	312	STA 4+07, 0' CB TA 4 DIA T24F&G RIM = 632.25 N INV = 627.75 S INV = 627.65 E INV = 627.75	504	STA 118+07, 69' LT CB TA 4 DIA T1F OL RIM = 634.91 N INV = 629.79 (EX S.S.) S INV = 629.72 (EX S.S.) SW INV = 630.32 SE INV = 630.32
111	STA 8+70, 28' RT CB TC T24F&G RIM = 633.71 NW INV = 629.29	122	STA 112+00, 65' RT CB TA 4 DIA T24F&G RIM = 644.79 NE INV = 637.68 (EXIST S.S.) SE INV = 637.68 W INV = 637.68	134	STA 124+80, 86' LT CB TA 4 DIA T24F&G RIM = 636.04 N INV = 632.26	301	STA 18+42, 25.5' RT INLETS TA T10F&G RIM = 635.87 NW INV = 633.31 •BOT STR = 631.15	313	STA 4+22, 0' CB TA 4 DIA T24F&G RIM = 632.23 N INV = 627.35 SW INV = 623.56		
112	STA 8+71, 29' LT CB TC T24F&G RIM = 633.72 W INV = 626.75	123	STA 112+66, 53' RT CB TA 4 DIA T24F&G RIM = 646.45 SE INV = 639.62 (EXIST S.S.) N INV = 640.62	135	STA 125+82, 117' LT INLETS TA T24F&G RIM = 635.84 S INV = 630.05	302	STA 17+02, 25.5' RT CB TC T10F&G RIM = 635.44 NW INV = 632.69 SE INV = 632.69 •BOT STR = 630.60	313A	STA 4+38, 6' RT MAN TYPE B T IF CL (CHGO) RIM = 632.70 E INV = 623.24 W INV = 623.24 NE INV = 623.24		
113	STA 111+61, 60' LT INLETS TA T24F&G RIM = 644.65 N INV = 641.60	124	STA 114+86, 56' RT CB TA 4 DIA T24F&G RIM = 654.87 S INV = 649.63 SW INV = 649.63	136	STA 126+71, 52' LT CB TC T10F&G RIM = 635.75 E INV = 631.78 S INV = 633.66 (UNDERDRAIN OUTLET) N INV = 633.66 (UNDERDRAIN CLEANOUT)	303	STA 15+63, 21' RT CB TC T10F&G RIM = 635.02 NW INV = 632.18 SE INV = 632.18 •BOT STR = 630.79	401	STA 1+07, 51' LT PRC FLAR END SEC 12 GRATING-C FL END S 12 FES INV = 634.58		

\* BOTTOM OF STRUCTURE ELEVATION PROVIDED FOR MINIMUM 6" CLEARANCE ABOVE THE PROPOSED RETAINING WALL FOOTING

NOTE:  
THE FINAL RIM ELEVATION OF ALL PROPOSED, ADJUSTED, OR RECONSTRUCTED DRAINAGE STRUCTURES SHALL BE DETERMINED FROM THE FINISHED GRADES OF THE PROPOSED PAVEMENT SURFACE AND CUTTER. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE FINAL RIM ELEVATION OF ALL DRAINAGE STRUCTURES PRIOR TO STARTING ANY DRAINAGE WORK.

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USER NAME = cgotowski	DESIGNED - GR	REVISED -
	DRAWN - GR	REVISED -
PLOT SCALE = 1:100	CHECKED - DT	REVISED -
PLOT DATE = 2/18/2013	DATE - 2/18/2013	REVISED -



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITIES STRUCTURE SCHEDULE  
CUMBERLAND AVENUE AT I-90

SCALE: 1"=50' SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2746	1616B	COOK	404	118
CONTRACT NO. 60J14				DU-10
ILLINOIS FED. AID PROJECT				