



SEE FOLLOWING SHEET FOR ASSOCIATED DRAINAGE PROFILES.

PIPE TABLE

STRUCTURE	INVERT		SLOPE (FT/FT)	TYPE	STORM SEWER *		TRENCH BACKFILL (CU YD)	
	U. S.	D. S.			LENGTH (1)	LENGTH (2)		
197	196	673.25	673.14	0.0050	2	22	12	3.3
196	195	673.14	672.80	0.0050	2	68	12	11.8
195	194	672.80	672.76	0.0050	2	7	12	1.5
194	190	672.76	671.94	0.0079	2	80	12	24.6
191	190	672.40	672.32	0.0100	2	8	12	1.2
193	192	672.80	672.56	0.0100	2	24	12	3.2
192	198	672.56	672.37	0.0100	2	19	12	1.6
189	199	675.30	675.02	0.0100	1	28	24	0.0
259	258	673.03	672.73	0.0050	2	60	12	7.9
258	260	672.30	671.86	0.0140	2	31	15	6.7
266	264	672.32	672.28	0.0044	1	10	12	1.3
264	263	672.28	672.01	0.0044	1	60	12	7.9
265	263	672.12	672.08	0.0044	1	10	12	1.3
263	262	672.01	671.98	0.0044	1	8	12	1.0
262	260	671.98	671.55	0.0032	2	135	15	28.8
260	261	671.55	671.24	0.0100	1	30	18	2.2
277	274	676.11	672.97	0.0149	2	212	18	81.2
276	275	673.50	673.20	0.0050	2	60	12	7.9
271	275	672.19	671.60	0.0044	2	133	12	28.6
275	274	671.60	671.51	0.0050	2	18	12	12.0
274	270	671.50	671.18	0.0031	1	104	27	15.4
252	253	684.07	683.80	0.0100	2	27	12	8.2

* TOTAL LENGTH FROM STRUCTURE TO STRUCTURE = STORM SEWER LENGTH (1) + STORM SEWER (WATER MAIN REQUIREMENTS) LENGTH (2)

STRUCTURE TABLE

STR. #	STRUCTURE			RIM ELEV	INVERT ELEVATION				UNDER DRAIN CONNECT	STR TOP SLAB
	STATION	OFFSET	TYPE		NORTH	EAST	SOUTH	WEST		
189	138+49.00	59.1	FES 24	-	677.50					
190	137+21.80	-45.6	EX MH A4	1 CL	677.10	667.40	671.94	672.32	675.30	
191	137+15.00	-42.0	CB C	24	676.60	672.40				
192	137+06.00	30.0	IN B	24	676.77	672.56	672.56			
193	137+29.80	34.7	CB C	24	677.04				672.80	
194	138+26.00	-41.4	MH A4	1 CL	677.98			672.76	672.76	FLAT
195	138+31.00	-36.7	CB C	24	677.63	672.80		672.80		
196	138+41.90	30.6	IN B	24	677.78	673.14			673.14	
197	138+20.10	33.7	CB C	24	677.43		673.25			
198	137+09.10	49.0	EX MH	-	676.56	672.37	672.08 EX		672.08 EX	
199	138+22.12	50.4	EX MH	-	678.56		675.02		674.90 EX	
258	141+70.00	-30.0	CB A4	24	677.24		672.30	672.73		YES FLAT
259	141+70.00	30.0	CB C	24	677.24		673.03			YES FLAT
260	142+01.00	-35.0	MH A4	1 CL	677.24	671.55	671.55		671.86	FLAT
261	142+18.30	-60.0	FES 18	-				671.24		
262	143+36.00	-35.0	MH A4	1 CL	676.26			671.98		FLAT
263	143+41.82	-30.0	CB A4	24	675.86	672.01	672.08	672.01		FLAT
264	143+41.82	30.0	IN B	24	675.86	672.28	672.28			
265	143+52.00	-30.0	IN B	24	675.87				672.12	YES
266	143+52.00	30.0	CB C	24	675.87				672.32	YES
268	144+07.50	58.5	FES 42	-						
269	143+89.50	-55.5	FES 42	-						
270	144+25.00	-62.0	FES 27	-						
271	144+05.00	-30.0	CB C	24	676.34		671.18			
274	145+28.00	-45.0	MH A5	1 CL	677.79		672.19			FLAT
275	145+38.00	-30.0	CB A4	24	677.68	671.60	672.97	671.51	671.50	YES TAPERED
276	145+38.00	30.0	CB C	24	677.68	673.50		673.20	671.60	YES
280	144+29.00	-71.0	FES 18	-						
281	145+01.00	-71.0	FES 18	-						

CULVERT TABLE

STRUCTURE	PIPE CULVERT				INVERT		TRENCH BACKFILL (C.Y.)
	U. S.	D. S.	LENGTH (FT)	DIA CLASS TYPE	SLOPE (FT/FT)	U. S.	
281	280	72	24 D 1	0.0180	672.85	671.55	13.6
268	269	115	42 A 1	0.0040	669.84	669.38	43.0

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION DRAINAGE AND UTILITIES U.S. RTE. 30 (LINCOLN HIGHWAY)
NAME	DATE	

SCALE: 1" = 50' DRAWN BY: BAE
DATE: / / CHECKED BY: GB

DRAINAGE NOTES:

- THE STATION/OFFSET/ELEVATIONS NOTED FOR ALL DRAINAGE STRUCTURES LOCATED IN THE CURB LINE REFER TO THE POSITION OF THE ADJACENT PROPOSED EDGE OF PAVEMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE OFFSET NECESSARY FOR EACH STRUCTURE TO SET THE FRAME AND GRATE IN THE PROPER LOCATION. ALL OTHER STRUCTURES ARE DIMENSIONED TO THE CENTER OF STRUCTURE. FOR FLARED END SECTIONS THE LOCATION AND ELEVATION ARE GIVEN TO THE CENTER OF THE INLET OR OUTLET END AT THE STORM PIPE SIDE.
- FRAME ELEVATIONS GIVEN ON THE PLANS ARE ONLY TO ASSIST THE CONTRACTOR IN DETERMINING THE APPROPRIATE OVERALL HEIGHT OF THE STRUCTURE. THE ADJUSTMENT OF FRAMES ON ALL NEW STRUCTURES TO THE FINAL ELEVATION SHALL BE INCLUDED IN THE COST OF THE NEW STRUCTURE. THE COST OF MAKING STORM SEWER CONNECTIONS TO EXISTING OR PROPOSED SEWER OR DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF THE STORM SEWER BEING CONNECTED.
- THE CONTRACTOR SHALL MAINTAIN FLOWS THROUGH EXISTING SEWER SYSTEMS AT ALL TIMES. THE EXISTING STRUCTURES SHALL BE INSPECTED BY THE CONTRACTOR BEFORE CONSTRUCTION STARTS. ANY ACCUMULATION OF MATERIAL IN THE STRUCTURE DUE TO CONSTRUCTION OPERATIONS SHALL BE REMOVED BY THE CONTRACTOR AT HIS EXPENSE.
- ALL ABANDONED SEWER INVERTS SHALL BE PLUGGED WITH BRICK AND CLASS SI CONCRETE TO THE SATISFACTION OF THE ENGINEER. THIS WORK SHALL BE INCLUDED IN THE COST OF THE STORM SEWER BEING REMOVED.
- UNDERDRAIN SLOPEWALL AND PIPE REMOVAL SHALL BE INCLUDED IN THE COST OF "EARTH EXCAVATION".
- ALL LENGTH SHOWN IN FEET UNLESS OTHERWISE NOTED.