

**STRUCTURE SCHEDULE
(NAGLE AVENUE, BRYN MAWR AVENUE, GREGORY AVENUE, I-90)**

FED. ROAD DIST. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	1314B	COOK	160	32
ILLINOIS FED. AID PROJECT			CONTRACT 60293	

STRUCTURE NUMBER	LOCATION		STRUCTURE TYPE			EXISTING RIM ELEVATION (METERS)	PROPOSED RIM ELEVATION (METERS)	*** INVERT ELEVATION (METERS)							NOTE
	STATION	OFFSET (METERS)	CB, TYPE A, 1.2 M DIA TY 1 FRAME OPEN LID (CITY OF CHICAGO)	CB, TYPE A, 1.2 M DIA TY 8 F&G	INLET, TYPE A, TY 1 FRAME OPEN LID (CITY OF CHICAGO)			TY 1 FRAME OPEN LID (CITY OF CHICAGO)	NORTH	SOUTH	EAST	WEST	NW	SW	
NAGLE AVENUE															
1	0+912.500	6.1 RT	1				189.875					186.200			PROPOSED CATCH BASIN
2	0+912.500	6.4 LT	1				189.869						186.200		PROPOSED CATCH BASIN
3	0+897.360	0.0				190.020	190.009	185.550	185.570						EXISTING MANHOLE
30	0+938.290	2.6 RT				189.997	190.001								EXISTING WATER MANHOLE
4	0+946.760	4.0 LT				190.025	190.038								EXISTING MANHOLE
5	0+947.410	0.3 LT				190.068	190.078	185.438	185.468						EXISTING MANHOLE
7	0+951.780	0.3 RT				190.039	190.115		184.889	184.879	184.889	187.889		188.229	EXISTING MANHOLE
33	0+956.270	10.1 LT				190.025	190.041								EXISTING MANHOLE
8	0+961.380	8.1 LT				190.007	190.102								EXISTING CATCH BASIN
10	0+961.040	8.6 RT				189.997	190.095					188.699		188.667	EXISTING CATCH BASIN
11	1+035.950	8.2 LT				190.094	190.195						188.694		EXISTING CATCH BASIN
12	1+035.900	9.1 RT				190.383	190.186					188.773			EXISTING CATCH BASIN
15	1+046.430	2.1 RT				190.112	190.169			184.812	184.892		187.712		EXISTING CATCH BASIN
35	1+048.030	11.5 LT				189.960	190.018							187.732	EXISTING WATER MANHOLE
16	1+048.950	0.0				190.212	190.169	186.152			186.212				EXISTING MANHOLE
36	1+049.420	11.0 RT				190.000	189.992								EXISTING WATER MANHOLE
37	1+058.720	3.1 LT				190.070	190.071								EXISTING WATER MANHOLE
18	1+089.000	6.1 RT	1				189.931				186.587				EXISTING WATER MANHOLE
19	1+089.000	6.1 LT	1				189.931			186.633					PROPOSED CATCH BASIN
20	1+095.290	0.0				190.102	190.031	185.994	186.000						EXISTING MANHOLE
21	1+085.210	6.1 LT				189.835	189.937			N.A.					EXISTING CATCH BASIN
22	1+084.170	8.5 RT				190.052	190.087				N.A.				EXISTING MANHOLE
29	1+085.130	6.3 RT				189.842	189.933				N.A.				EXISTING CATCH BASIN
BRYN MAWR AVENUE															
34	5+503.200	1.6 LT				190.020	189.952								EXISTING WATER MANHOLE
13	5+503.520	0.3 RT				190.020	189.978	N.A.		N.A.	N.A.				EXISTING MANHOLE
14	5+505.000	4.9 LT				189.931	189.939		N.A.						EXISTING INLET
17	6+046.820	6.4 LT				189.806	189.852		N.A.						EXISTING CATCH BASIN
GREGORY AVENUE															
31	4+477.430	1.0 RT				189.990	189.969								EXISTING WATER MANHOLE
32	4+532.440	3.5 RT				189.800	189.805								EXISTING WATER MANHOLE
6	4+545.600	4.5 RT				189.648	189.701	188.247							EXISTING CATCH BASIN
9	4+555.080	5.8 LT			1		189.603							188.622	PROPOSED INLET
28	4+560.680	4.1 LT				189.630	189.639		N.A.		188.394				EXISTING CATCH BASIN
I-90															
23	0+975.000	14.5 LT		1			184.339			183.160	183.141				PROPOSED CATCH BASIN
24	1+023.500	15.0 RT		1			184.750			183.332	183.350				PROPOSED CATCH BASIN
25	0+981.500	32.0 RT				184.277			183.227						EXISTING MANHOLE
26	0+973.660	20.0 LT				184.067			183.067						EXISTING CATCH BASIN
27	1+026.020	30.7 RT				184.649		182.819		183.149					EXISTING CATCH BASIN
TOTAL =				4	2	1	2								

*** Inverts are to be field verified by the Contractor. Any modifications to proposed elevations are to be approved by the Engineer.
N.A. = Invert Not Available (filled with debris)

**PIPE SCHEDULE
(NAGLE AVENUE, GREGORY AVENUE, I-90)**

PIPE LOCATION	UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE	TRENCH BACKFILL (CU M)	STORM SEWER LENGTH (METERS)				SLOPE (%)
				EXTRA STRENGTH VITRIFIED CLAY PIPE 200MM	CLASS III (RCCP) TYPE 2 300MM	DUCTILE IRON PIPE CLASS 52 200MM		
NAGLE AVENUE								
	1	600 SS	25.8			6.5		10.40
	2	600 SS	29.7	7.5				9.03
	18	525 COMB. SEWER	10.6	5.5				12.61
	19	525 COMB. SEWER	11.3			6.0		12.61
GREGORY AVENUE								
	9	28	1.3	5.0				4.15
I-90								
	23	26	0.0		5.0			1.00
	24	27	0.0		16.0			1.00
TOTAL =			78.7	18.0	21.0	12.5		

**PIPE UNDERDRAIN SCHEDULE
(NAGLE AVENUE, BRYN MAWR AVENUE, GREGORY AVENUE)**

PIPE LOCATION	BEGIN STATION	BEGIN OFFSET (METERS)	END STATION	END OFFSET (METERS)	TIE-IN STRUCTURE	LENGTH (METERS)	PIPE UNDERDRAIN SPECIAL (M)
NAGLE AVENUE							
	1+054.0	10 RT	1+106.0	6 RT	18	52.5	
	1+054.0	10 LT	1+106.0	6 LT	19	52.5	
GREGORY AVENUE							
	4+519.5	10.5 LT	4+555.0	6.5 LT	9	36.0	
BRYN MAWR AVENUE							
	5+500.0	4.5 RT	5+512.0	4.5 RT	CONC. HEADWALL	12.0	1.5
	5+500.0	4.5 LT	5+515.0	7 LT	NAGLE UNDERDRAIN	15.5	
	6+036.0	9.5 LT	6+048.5	6.5 LT	17	13.0	
	6+045.0	7.0 RT	6+054.5	6.0 RT	CONC. HEADWALL	9.5	1.5
	6+047.0	6.5 LT	6+054.5	6.5 LT	17	7.5	
TOTAL =						199.5	3.0

**BACK SLOPE DRAIN SCHEDULE
(GREGORY AVENUE)**

PIPE LOCATION	BEGIN STATION	BEGIN OFFSET (METERS)	END STATION	END OFFSET (METERS)	LENGTH (METERS)
GREGORY AVENUE					
	4+532.0	8.5 LT	4+532.0	28 LT	19.5
TOTAL =					19.5

REVISIONS

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

DRAINAGE SCHEDULE

NAGLE AVENUE

DRAWN BY: ML, DR, FD

DATE: DECEMBER 2004

CHECKED BY: JMH, MDK

COLLINS ENGINEERS
123 N. WACKER DR., SUITE 300
CHICAGO, IL 60606
(312) 704-9300
ILLINOIS PROFESSIONAL DESIGN FIRM
LICENSE NO. 184-000993

FILE: G:\2724\CIVIL\EXHIBIT\NAGLE\2724031.dgn