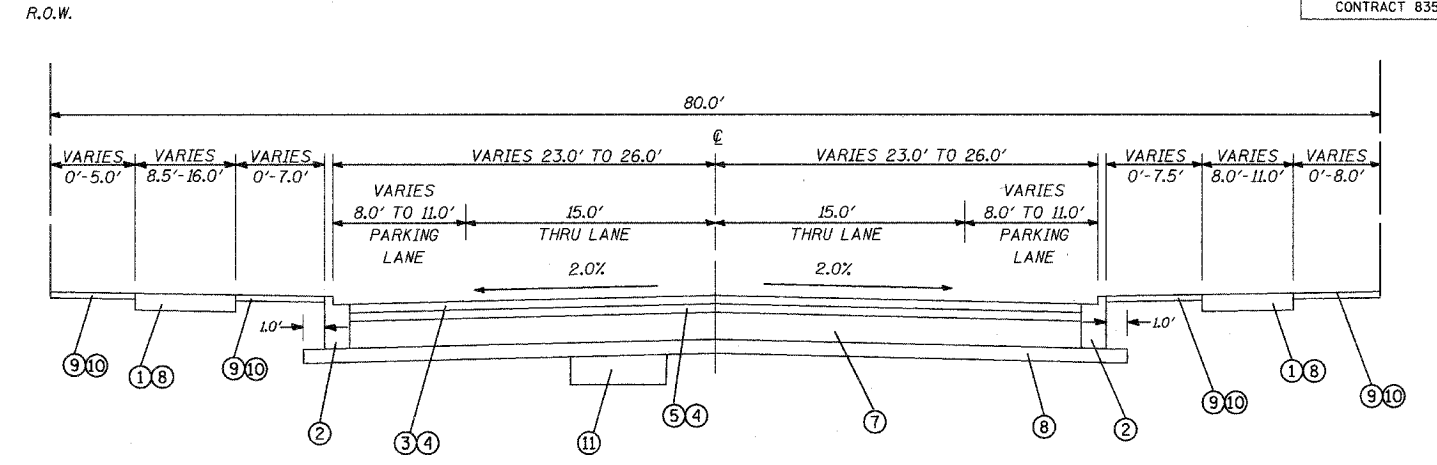
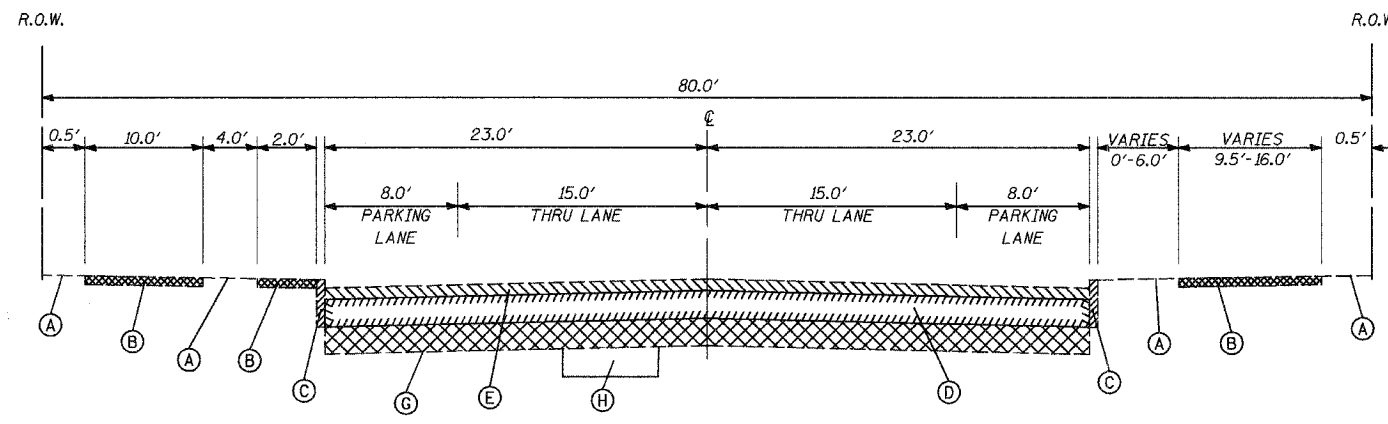


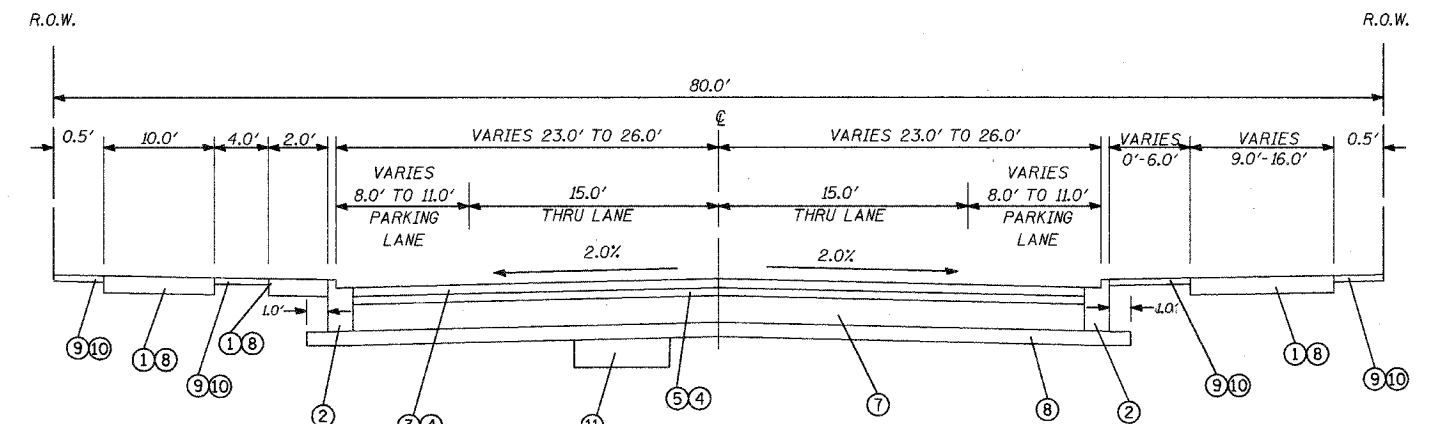
**EXISTING TYPICAL SECTION**  
STA. 101+00 TO STA. 102+57



**PROPOSED TYPICAL SECTION**  
STA. 101+00 TO STA. 102+57



**EXISTING TYPICAL SECTION**  
STA. 103+83 TO STA. 105+50



**PROPOSED TYPICAL SECTION**  
STA. 103+83 TO STA. 105+50

**ASBURY AVENUE**

STRUCTURAL DESIGN FACTOR:	YEAR 2020	
PV = 16.815	SU = 708	MU = 177
ROAD/STREET CLASSIFICATION:	CLASS IS-2	
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:		
P = 50	S = 50	M = 50
TRAFFIC FACTOR:	ACTUAL TF = 1.50	AC TYPE = AC-20
	MINIMUM TF = 0.5	
AC GRADE: BINDER = PG 64-22	SURFACE = PG 64-22	
SUBGRADE SUPPORT RATING:		
IBR = 2 (STA. 101+00 TO STA. 105+50)		

**MIXTURE DESIGN TABLE**

ITEM	AC TYPE	VOIDS	RAP %
BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50	PG 64-22	4% @ 50 GYRATION	15%
BITUMINOUS CONCRETE SURFACE COURSE SUPERPAVE, MIX "D", N70	PG 64-22	4% @ 70 GYRATION	10%
BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19, N70	PG 64-22	4% @ 70 GYRATION	15%
BITUMINOUS BASE COURSE SUPERPAVE 6"	PG 58-22	2% @ 50 GYRATION	50%
BITUMINOUS BASE COURSE SUPERPAVE 10"	PG 58-22	2% @ 50 GYRATION	50%

- |   |   |
|---|---|
| <b>EXISTING CONDITIONS</b>  | <b>PROPOSED CONDITIONS</b>  |
| (A) EXISTING GROUND   | (1) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH                        |
| (B) EXISTING P.C.C. SIDEWALK REMOVAL  | (2) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12               |
| (C) EXISTING COMBINATION CURB AND GUTTER REMOVAL  | (3) BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE MIX "D", N70 (2") |
| (D) EXISTING CONCRETE BASE REMOVAL VARIES (5"-8") (TO BE PAID FOR AS PAVEMENT REMOVAL)                | (4) BITUMINOUS MATERIAL (PRIME COAT) & AGGREGATE (PRIME COAT)       |
| (E) EXISTING BITUMINOUS SURFACE REMOVAL (3") (TO BE PAID FOR AS PAVEMENT REMOVAL)                     | (5) BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N70 (2") |
| (F) OMITTED   | (6) NOT USED  |
| (G) EXISTING GRANULAR SUBBASE REMOVAL (TO BE PAID FOR AS EARTH EXCAVATION)                            | (7) BITUMINOUS BASE COURSE SUPERPAVE 10"                            |
| (H) UNDERCUT (AT LOCATIONS DETERMINED BY ENGINEER) (TO BE PAID FOR AS REMOVAL OF UNSUITABLE MATERIAL) | (8) SUBBASE GRANULAR MATERIAL, TYPE B, 4"                           |
|   | (9) SODDING, SALT TOLERANT  |
|   | (10) TOPSOIL, FURNISH AND PLACE, 4"                                 |
|   | (11) POROUS GRANULAR EMBANKMENT, SUBGRADE                           |

REVISIONS	
NAME	DATE

**Clorba Group, Inc.**  
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THE CITY OF EVANSTON  
ASBURY AVENUE BRIDGE IMPROVEMENTS  
EXISTING AND PROPOSED  
TYPICAL ROADWAY SECTIONS

SCALE: N.T.S. DRAWN BY: DLP  
DATE: OCTOBER, 2004 CHECKED BY: RAY

DATE: 10/27/2004 FILENAME: N:\PROJ\3212\Design\misc sheets\3212 typ-section (Rev).dgn