



**PROPOSED TYPICAL SECTION
C.H. 20 (ETNA RD.)**

STA. 6+31.07 TO STA. 9+03.93

NOTE: FOR SUPERELEVATION TABLES, SEE "SUPERELEVATION TABLES & DETAILS" SHEET.

LOCATION: C.H. 20 (ETNA RD.)			
MIXTURE USE	LOWER LIFT BINDER	UPPER LIFT BINDER	SURFACE
AC TYPE	PG 58-22	PG 64-22	PG 64-22
RAP% : (MAX.)	25	15	10
DESIGN AIR VOIDS	4.00%	4.00%	4.00%
MIXTURE COMPOSITION	IL-19.0	IL-19.0	IL-19.0/12.5
FRICTION AGGREGATE	N/A	N/A	D

C.H. 20 (ETNA RD.) STRUCTURAL PAVEMENT DESIGN

STRUCTURAL DESIGN TRAFFIC (S.D.T.) YEAR 2018: 10608

PV = 9335 SU = 955 MU = 318

CLASS II ROAD
SUB-GRADE SUPPORT RATING: FAIR
PERCENT OF S.D.T. IN DESIGN LANE:

P = 88.00%, SU = 9.00%, MU = 3.00%

TRAFFIC NUMBER = 2.31

PAVEMENT STRUCTURE MATERIALS RECONSTRUCTION:

SURFACE COURSE TYPE: HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"
 UPPER LIFT BINDER COURSE TYPE: HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2 1/4"
 LOWER LIFT BINDER COURSE TYPE: HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 8"
 SUB-BASE TYPE: (EAST OF IL. RTE. 23) POROUS GRANULAR EMBANKMENT, 12"
 (WEST OF IL. RTE. 23) SUB-BASE GRANULAR MATERIAL, TYPE A, 4"