

**C.H. 20 (CHAMPLAIN ST.) STRUCTURAL PAVEMENT DESIGN**  
 (STA. 151+50 TO STA. 154+60)

STRUCTURAL DESIGN TRAFFIC (S.D.T.) YEAR 2018: 4111

PV = 3618    SU = 370    MU = 123

CLASS II ROAD  
 SUB-GRADE SUPPORT RATING: FAIR  
 PERCENT OF S.D.T. IN DESIGN LANE:  
 P = 88.00%, SU = 9.00%, M = 3.00%

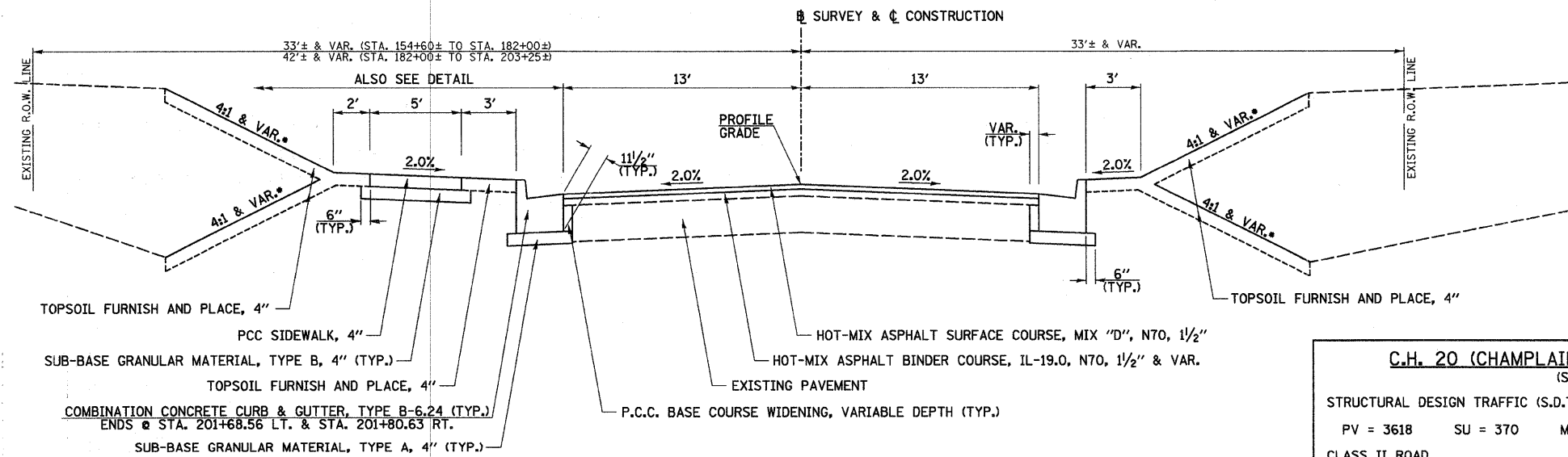
TRAFFIC NUMBER = 1.21

PAVEMENT STRUCTURE MATERIALS OVERLAY:  
 SURFACE COURSE TYPE: HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"

LOCATION: C.H. 20 (CHAMPLAIN ST.)			
MIXTURE USE	BINDER	LEVELING 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	IL-9.5/12.5	IL-9.5/12.5
FRICTION AGGREGATE	N/A	N/A	D

**PROPOSED TYPICAL SECTION**  
**C.H. 20 (CHAMPLAIN ST.)**  
 STA. 151+50 TO STA. 154+60

NOTES: FOR SUPERELEVATION TABLES, SEE "SUPERELEVATION TABLES & DETAILS" SHEET.  
 \*SEE CROSS SECTIONS.



**C.H. 20 (CHAMPLAIN ST.) STRUCTURAL PAVEMENT DESIGN**  
 (STA. 154+60 TO STA. 203+25)

STRUCTURAL DESIGN TRAFFIC (S.D.T.) YEAR 2018: 4111

PV = 3618    SU = 370    MU = 123

CLASS II ROAD  
 SUB-GRADE SUPPORT RATING: FAIR  
 PERCENT OF S.D.T. IN DESIGN LANE:  
 P = 88.00%, SU = 9.00%, M = 3.00%

TRAFFIC NUMBER = 0.89 (WIDENING), 1.21 (RESURFACING)

PAVEMENT STRUCTURE MATERIALS WIDENING:  
 SURFACE COURSE TYPE: HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"  
 BINDER COURSE TYPE: HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 1 1/2" & VAR.  
 P.C.C. WIDENING TYPE: P.C.C. BASE COURSE WIDENING, VARIABLE DEPTH  
 SUB-BASE TYPE: SUB-BASE GRANULAR MATERIAL, TYPE A, 4"

**PROPOSED TYPICAL SECTION**  
**C.H. 20 (CHAMPLAIN ST.)**  
 STA. 154+60 TO STA. 172+33.22  
 STA. 177+96.04 TO STA. 182+19.60  
 STA. 185+85.25 TO STA. 203+25

