

**PROPOSED TYPICAL CROSS SECTION C.H. 8**

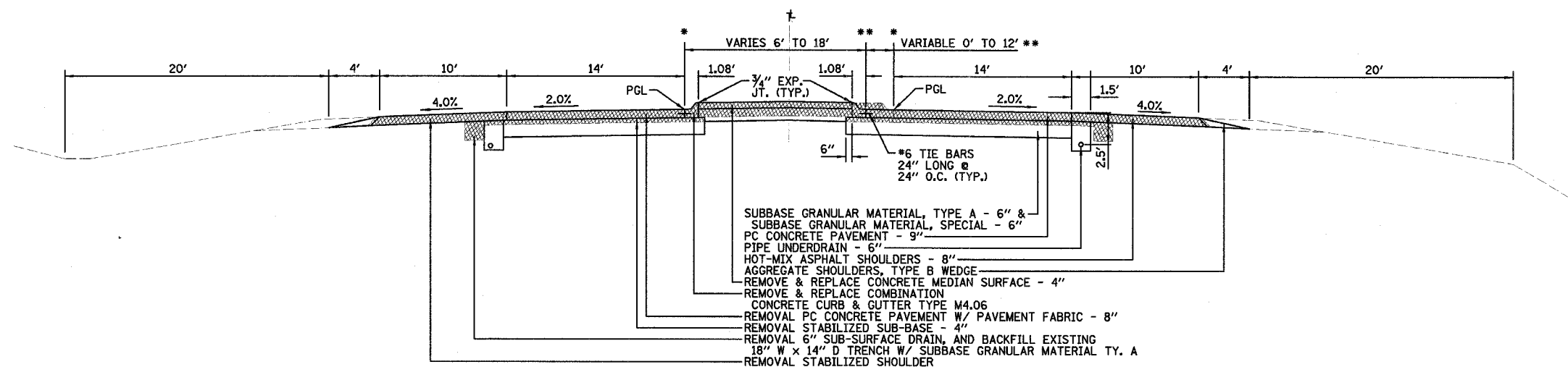
STA 36+74.14 TO STA 38+40  
STA 61+50 TO STA 63+99.57

\* HOT-MIX ASPHALT SHOULDER WIDTH VARIES FROM 10' TO 4' STA 61+50 TO STA 63+99.57

	HMA SHOULDER BOTTOM - 6"	HMA SHOULDER TOP - 2"
PG GRADE	PG58-22	PG58-22
MAX % RAP ALLOWABLE *	30%	30%
DESIGN AIR VOIDS	2.0% @ N30	3.0% @ N30
MIXTURE COMPOSITION	IL 19.0	IL 9.5L
FRICTION AGGREGATE	N/A	MIXTURE C
PLANT CONTROL LIMITS	NON-CLASS I	CLASS I
DENSITY CONTROL METHOD	NUCLEAR	NUCLEAR

\* IF RAP OPTION IS SELECTED, THE ASPHALT CEMENT GRADE MAY NEED TO BE ADJUSTED. THIS WILL BE DETERMINED BY THE ENGINEER.

\*\* PLAN QUANTITIES FOR HOT-MIX ASPHALT ITEMS WERE CALCULATED USING 112\*/SY/IN.



**PROPOSED TYPICAL CROSS SECTION C.H. 8**

STA 38+40 TO STA 48+66.95  
BRIDGE OMISSION STA 48+66.95 TO STA 51+32.51  
STA 51+32.51 TO STA 61+50

**NOTE:**

\* PROFILE GRADE LINE APPLIES AT THE INSIDE EDGE OF THE 14' THROUGH PAVEMENT

\*\* EASTBOUND LEFT TURN LANE SHOWN, REVERSE FOR WESTBOUND LEFT TURN LANE

**STRUCTURAL DESIGN DATA:**

COUNTY HIGHWAY 8 - COLLECTOR (RURAL)  
POSTED SPEED 45 MPH  
DESIGN SPEED 50 MPH  
ADT (2006) 2809 (2016) 3425  
STRUCTURAL DESIGN TRAFFIC YEAR: 2016  
PC: 3151 SU: 103 MU: 171  
CLASS OF STREET II  
TRAFFIC FACTOR: 1.11 AT 20 YR DESIGN PERIOD - 80,000 LB LOADS  
SUBGRADE SUPPORT RATING: POOR  
PAVEMENT STRUCTURAL MATERIALS:  
9" PCC JOINTED PAVEMENT  
SUBBASE GRANULAR MATERIAL, TYPE A - 6"  
SUBBASE GRANULAR MATERIAL, SPECIAL - 6"  
8" HOT-MIX ASPHALT SHOULDERS

McLEAN COUNTY, ILLINOIS  
MFT SECTION 05-00046-12-RP

**PROPOSED TYPICAL SECTIONS**

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CHECKED BY RGD	2700 McGraw Drive Bloomington, Illinois 61704 800.365.6666 / fax. 309.532.1971	SHEET NO. 4 OF 32