

BITUMINOUS MIXTURES REQUIREMENT TABLE

MIXTURE USE	SURFACE	BINDER
AC/PG	PG 64-22	PG 64-22
RAP% (MAX)	10%	15%
DESIGN AIR VOIDS	4.0% @ Ndes=70	4.0% @ Ndes=70
MIX COMPOSITION (GRADATION MIXTURE)	IL 9.5	IL 19.0
FRICITION AGG	MIXTURE C	

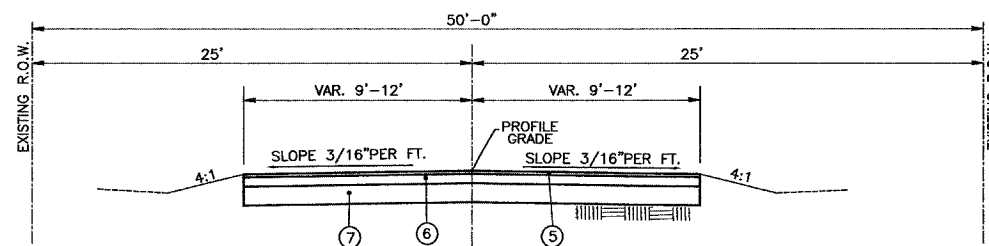
PLAN QUANTITIES FOR BITUMINOUS CONCRETE ITEMS HAVE BEEN CALCULATED USING A UNIT WEIGHT OF 112 LB/SQ YD/IN.

STRUCTURAL DESIGN INFORMATION

STRUCTURAL DESIGN TRAFFIC: YEAR 2014
 PV=2,499(98%) SU=48(1.9%) MU=3(0.1%)
 LOAD LIMIT=73,280 LB
 ROADWAY CLASSIFICATION: CLASS II
 TRAFFIC FACTOR: TF=0.06
 SUBGRADE SUPPORT RATING: SSR=POOR
 RECOMMENDED PAVEMENT THICKNESS: 8" - 2" SURFACE COURSE
 6" BINDER COURSE

LEGEND

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| ① EXISTING BITUMINOUS SURFACE TREATMENT | ⑤ PROPOSED BIT. CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N70, 2" |
| ② EXISTING AGGREGATE BASE COURSE | ⑥ PROPOSED BIT. CONCRETE BINDER COURSE, SUPERPAVE, IL 19.0, N70, 6" |
| ③ EXISTING PCC GUTTER | ⑦ PROPOSED MODIFIED SOIL, 12" |
| ④ EXISTING PCC SIDEWALK | ⑧ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 |
| | ⑨ PROPOSED PCC SIDEWALK, 4" |



REVISIONS	
NAME	DATE

TYPICAL SECTIONS

HARNETT STREET IMPROVEMENTS
 CITY OF MASCOUATAH
 ST. CLAIR COUNTY, ILLINOIS