

PAVEMENT DESIGN DATA *

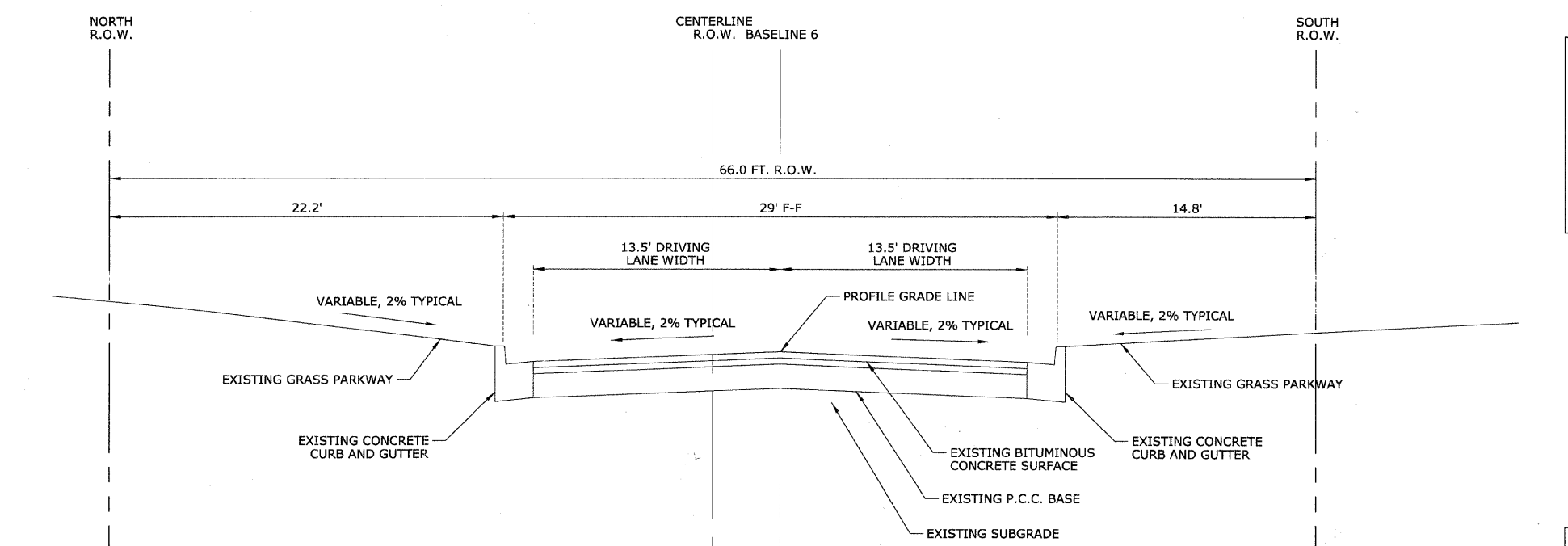
CLASSIFICATION OF ROADWAY: CLASS II ROADWAY
 DESIGN PERIOD: 20 YEARS
 PROJECTED AVERAGE DAILY TRAFFIC: 4157
 % OF PASSENGER VEHICLES (PV): 99%
 % OF SINGLE UNIT TRUCKS (SU): 0.5%
 % OF MULTI UNIT TRUCKS (MU): 0.5%
 SUBGRADE SUPPORT RATING (SSR): FAIR

* UTILIZED ADJOINING ROADWAY FOR DESIGN CHARACTERISTICS

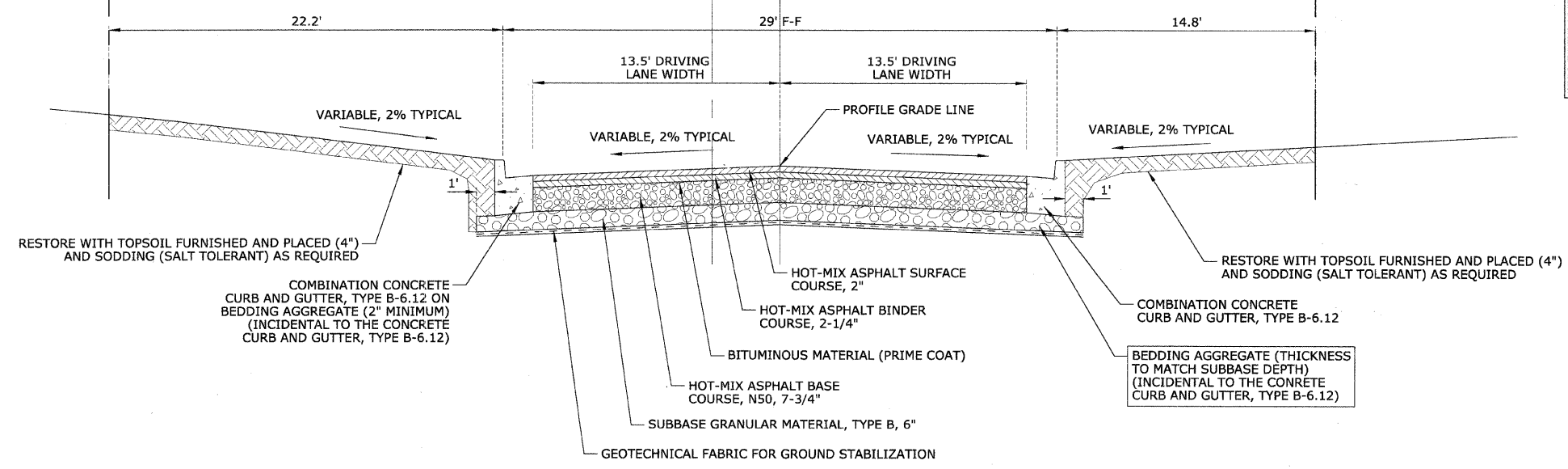
HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AC TYPE	AIR VOIDS
FULL DEPTH PAVEMENT;		
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL 9.5mm)	PG 64-22	4% @ 50 GYR
HOT-MIX ASPHALT BINDER COURSE, IL-9.0, N50	PG 64-22 *	4% @ 50 GYR
HOT-MIX ASPHALT BASE COURSE, (HMA BINDER IL-19mm)	PG 64-22 *	4% @ 50 GYR
PATCHING		
CLASS D PATCHES (HMA BINDER IL-19mm)	PG 64-22 *	4% @ 70 GYR

* WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22
 THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN



EXISTING TYPICAL SECTION
 STA 61+50.00 - STA 62+66.66
 MAPLE AVENUE



PROPOSED TYPICAL SECTION
 STA 61+50.00 - STA 62+66.66
 MAPLE AVENUE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
BLUFF AVENUE IMPROVEMENTS
STAGE 2

TYPICAL SECTIONS

SCALE: NTS
 DATE 02/27/2009
 DRAWN BY H&A
 CHECKED BY PFH

PLAN	DATE	BY

PROFILE	DATE	BY