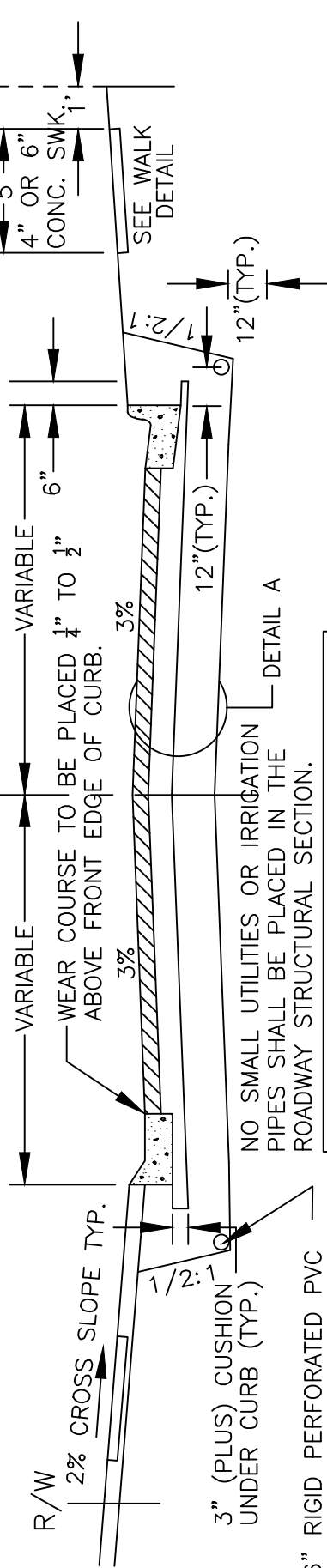


## GRANULAR EQUIVALENT (MN/DOT SPECIFIED)

MATERIAL	SPECIFICATIONS	G.E. FACTORS
BITUMINOUS WEAR COURSE	2360	2.25
BITUMINOUS BINDER & BASE	2360	2.25
AGGREGATE BASE	CL.5 (3138)	1.00
AGGREGATE SUBBASE	CL.3, CL.4 (3138)	0.75
SELECT GRANULAR MATERIAL	3149	0.50

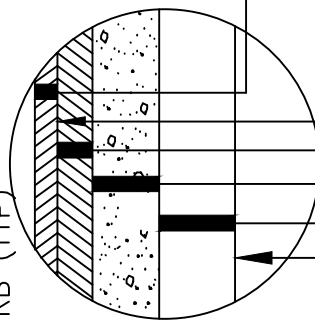
PRESENT ADT=1000 VPD (MIN.)  
ANNUAL GROWTH FACTOR=3.0%  
20 YEAR DESIGN PERIOD  
DESIGN SPEED IS 30 MPH, UNLESS  
OTHERWISE NOTED BY CITY  
MIN.  $\sum N_{18,20} = 150,000$



9 TON SIRELS BASED ON PROJECTED TRAFFIC ARE EQUIVALENT TO OR GREATER THAN THE STANDARDS HEREIN SPECIFIED.

CONCRETE SIDEWALKS SHALL BE A MINIMUM OF 6 INCHES (6") THICK AT ALL DRIVEWAYS.

# MINIMUM SECTION DETAIL A



1-1/2" BIT. WEARING COURSE  
MN/DOT SPEC. 2360 TYPE  
SPWEA340C OR SPWEA240C  
2357 TACK COAT

2-1/2" BIT. BASE COURSE  
MN/DOT SPEC. 2360 TYPE  
SPNWB330C OR SPNWB230C

8" AGG. BASE CLASS 5 MN/DOT SPEC. 3138  
(100% CRUSHED)

12" SELECT GRAN. BORROW SPEC. 3149.2B  
GEOTEXTILE FILTER FABRIC TYPE V  
(IF REQUIRED)

APPROVED SUBGRADE