



**Mainline**

- ① PCCP
- \* ② Subbase for PCCP (75 mm Coarse Aggregate No.8 On 150 mm Coarse Aggregate No.53, Base)

**Shoulders**

- \*\* ③ 90 kg/m<sup>2</sup> HMA Surface 9.5 mm  
180 kg/m<sup>2</sup> HMA Intermediate 19.0 mm
- \*\* ④ HMA Base 25.0 mm
- ⑤ Compacted Aggregate, No. 53, Base
- ⑥ Variable-Depth Compacted Aggregate, No. 53
- ⑦ Subgrade Treatment
- ⑧ Longitudinal Joint or Longitudinal Construction Joint
- ⑨ Pipe, Type 4, Circular, 150 mm

\* Where underdrains are not required, Dense Graded Subbase should be used.

\*\* See Section 52-9.02 to determine the appropriate HMA mixture designation.

**PCCP SECTION WITH HMA SHOULDER, < 30 MILLION ESALs**

**Figure 52-13G**