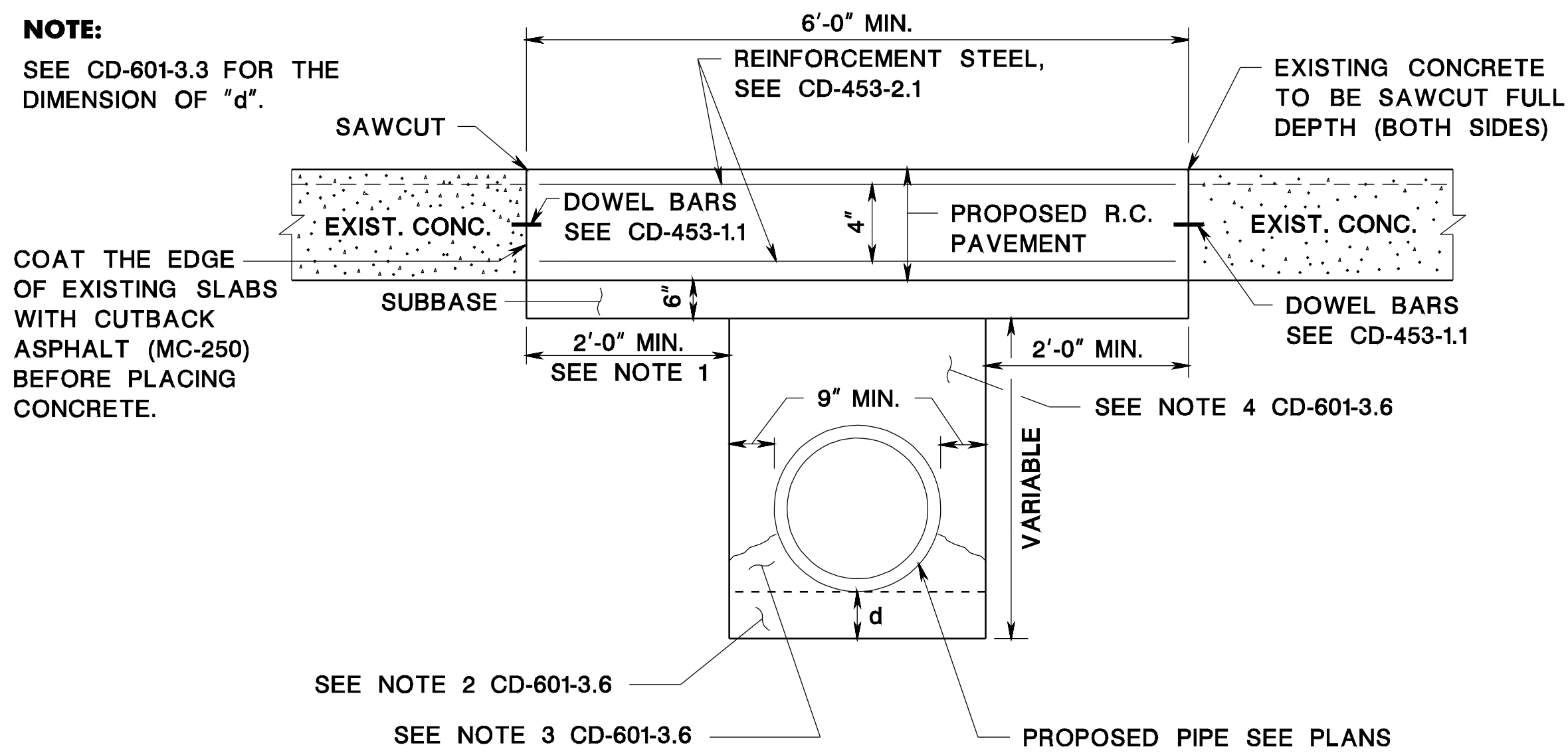


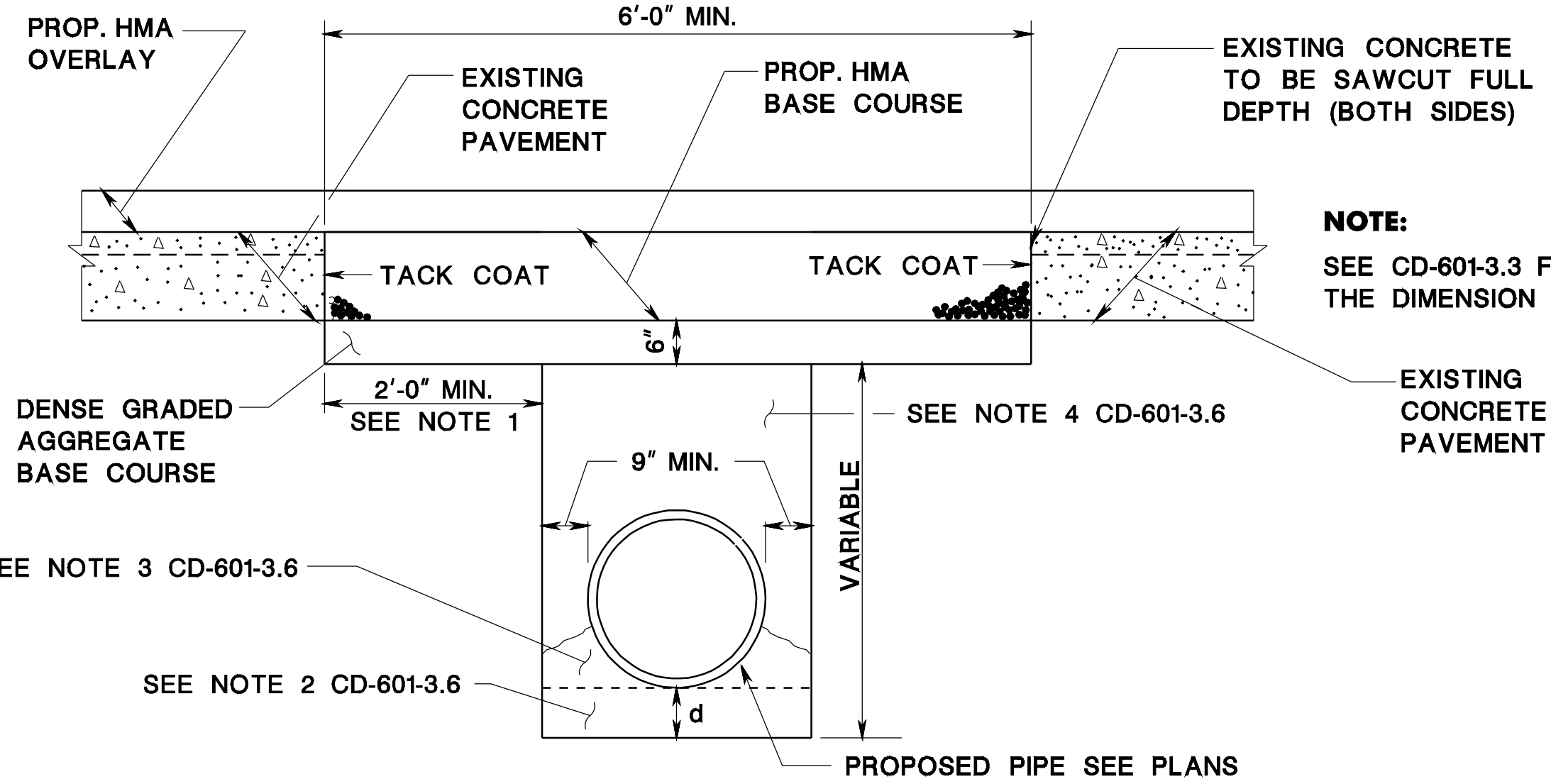
**NOTE:**

SEE CD-601-3.3 FOR THE DIMENSION OF "d".



**CONCRETE SURFACE COURSE REPLACEMENT AT CROSS DRAIN TRENCH**

CD-601-3.1



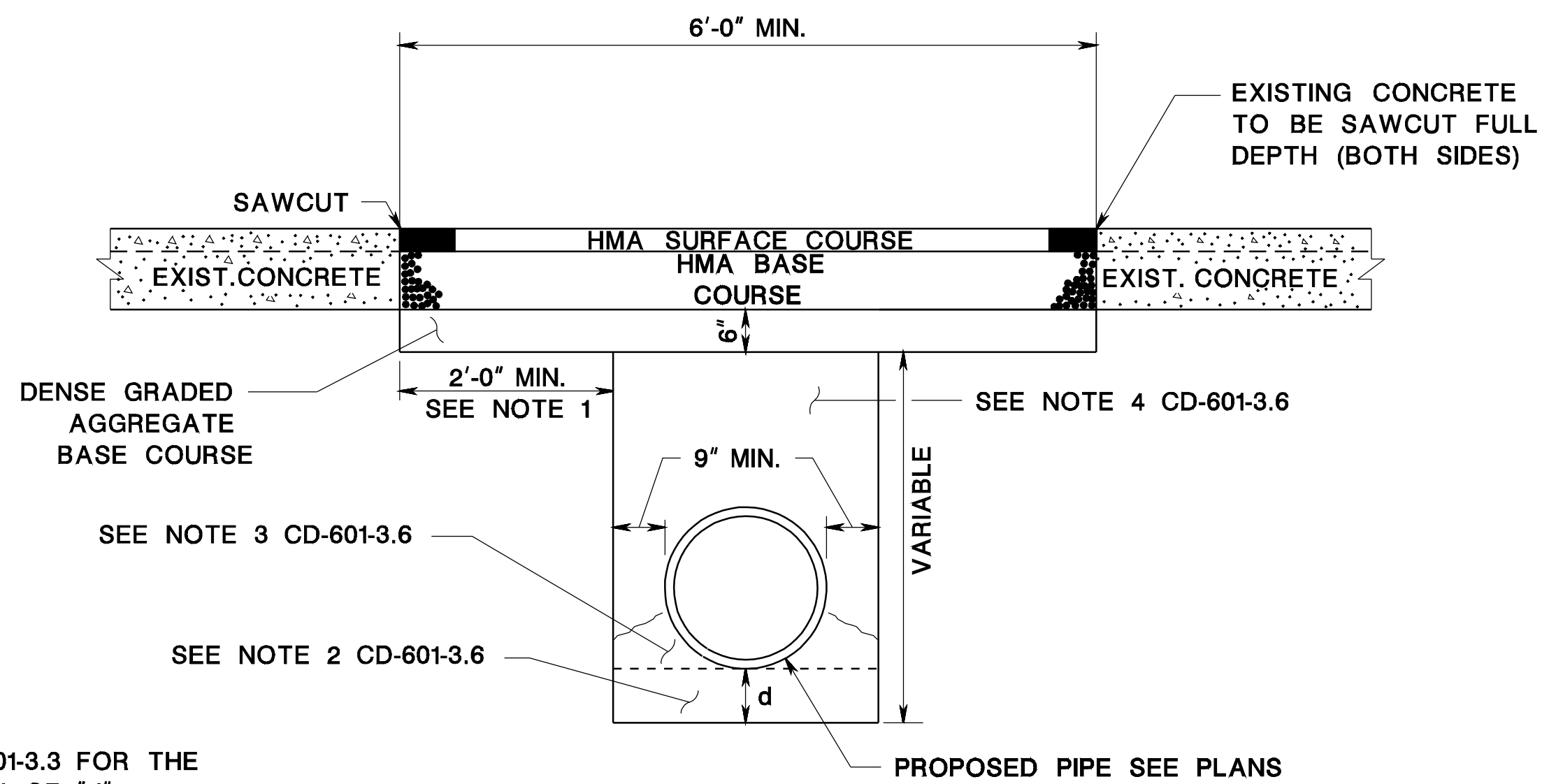
**HMA REPLACEMENT WHERE EXISTING CONCRETE COURSE IS REMOVED AT CROSS DRAIN TRENCH WITH PROPOSED RESURFACING**

CD-601-3.2

UNDERLYING SOIL	d	
	CONC. PIPE	METAL PIPE OR HDPE PIPE
ROCK OR HARD MATERIAL	6"	12"
OTHER MATERIAL	6"	6"

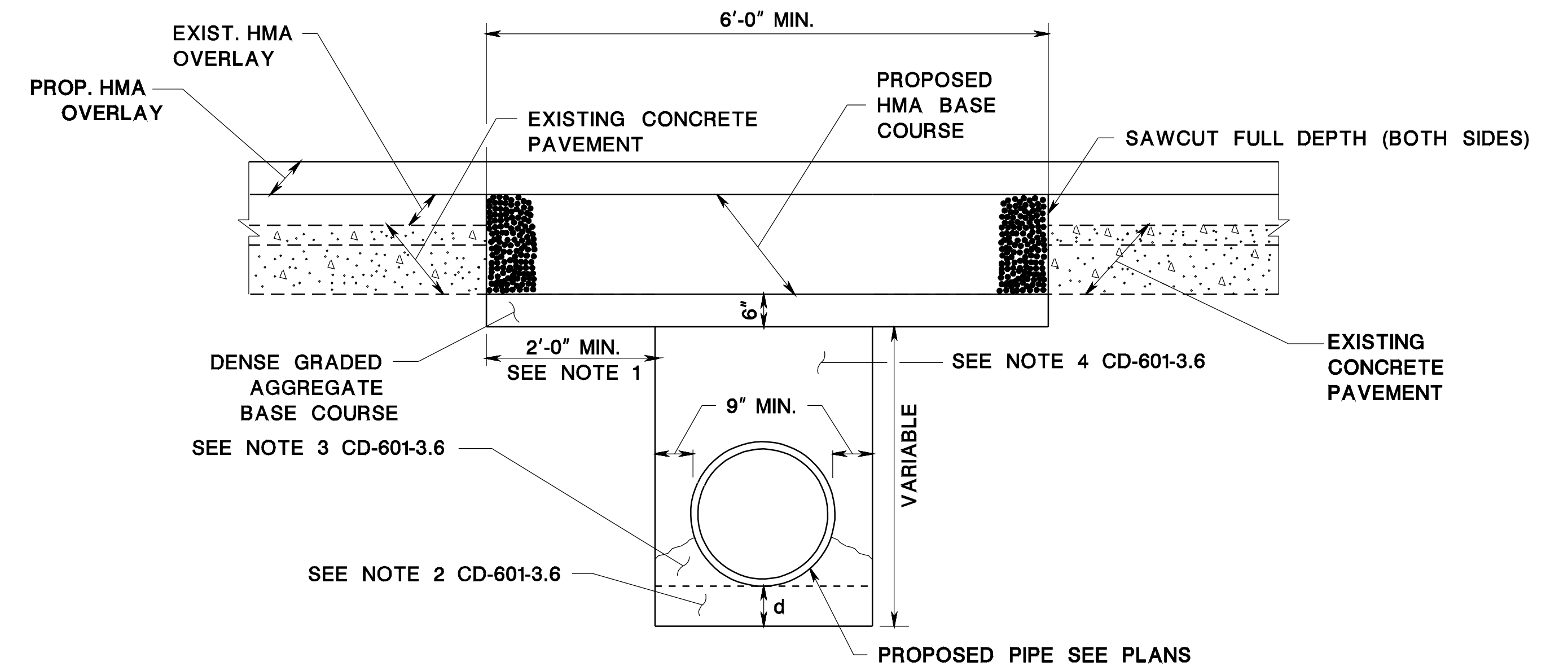
**MINIMUM DEPTH OF ADDITIONAL EXCAVATION OR PIPE BEDDING**

CD-601-3.3



**HMA REPLACEMENT WHERE CONCRETE COURSE IS REMOVED AT CROSS DRAIN TRENCH**

CD-601-3.4



**HMA REPLACEMENT WHERE EXISTING OVERLAY AND CONCRETE COURSE IS REMOVED AT CROSS DRAIN TRENCH WITH PROPOSED RESURFACING**

CD-601-3.5

**NOTES:**

1. SAWCUT THE EXISTING PAVEMENT A MINIMUM OF 2'-0" FROM THE SIDES OF THE PROPOSED CROSS DRAIN TRENCH EXCAVATION ON BOTH SIDES.
2. ADDITIONAL EXCAVATION REQUIRED WHEN PIPE BEDDING IS DESIGNATED OR WHEN ROCK OR OTHER HARD MATERIAL IS ENCOUNTERED.
3. BACKFILL SHALL BE PLACED SO AS TO ENSURE SUFFICIENT COMPACTION UNDER PIPE HAUNCHES.
4. THE PIPE TRENCH SHALL BE BACKFILLED IN ACCORDANCE WITH THE SPECIFICATIONS FOR BACKFILLING OR WITH AGGREGATE, DESIGNATION I-1, I-2, I-3, OR I-13 IF DIRECTED, WHEN SOIL AGGREGATE IS DIRECTED, THE PAY LIMITS SHALL BE A WIDTH OF A MINIMUM OF 36" OR THE OUTSIDE DIAMETER OF THE PIPE OR CULVERT PLUS 18" AND A DEPTH FROM THE BOTTOM OF THE TRENCH OR TOP OF THE DENSE GRADED AGGREGATE BASE COURSE.

CD-601-3.6

**CROSS DRAIN TRENCH CONSTRUCTION**

N.T.S.

CD-601-3

NEW JERSEY DEPARTMENT OF TRANSPORTATION

**CONSTRUCTION DETAILS**

REINFORCEMENT STEEL IS IN METRIC UNITS.  
HMA = HOT MIX ASPHALT