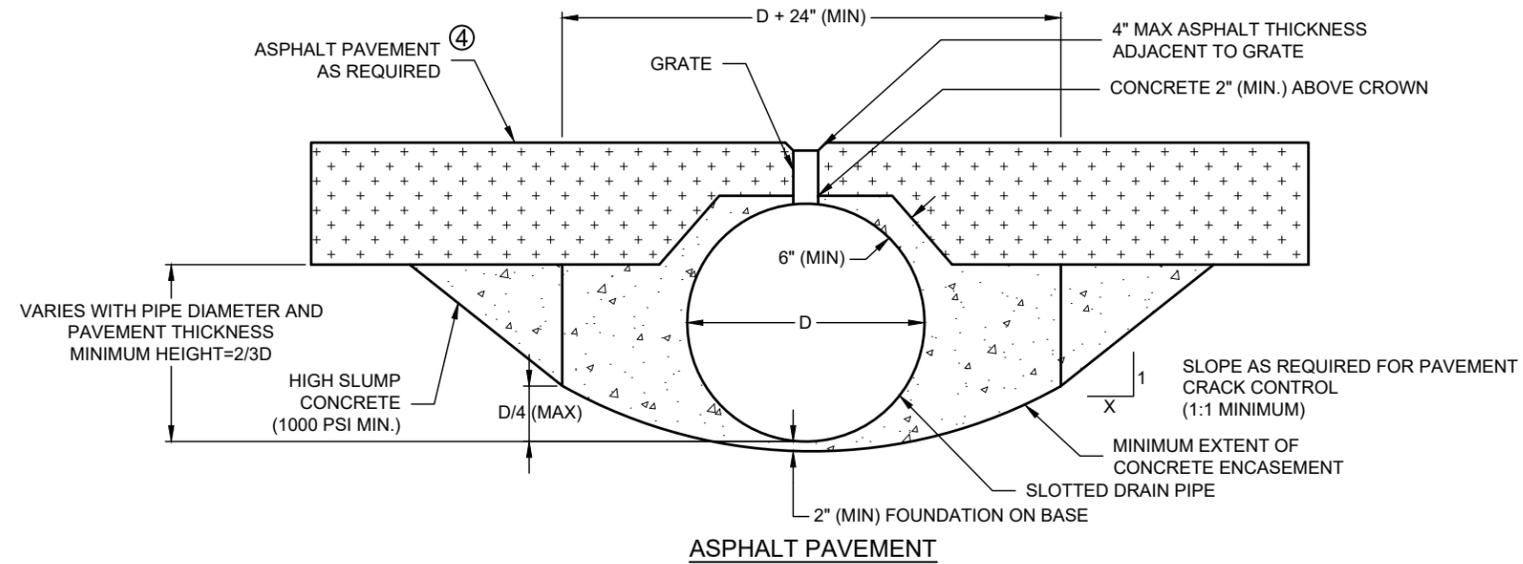
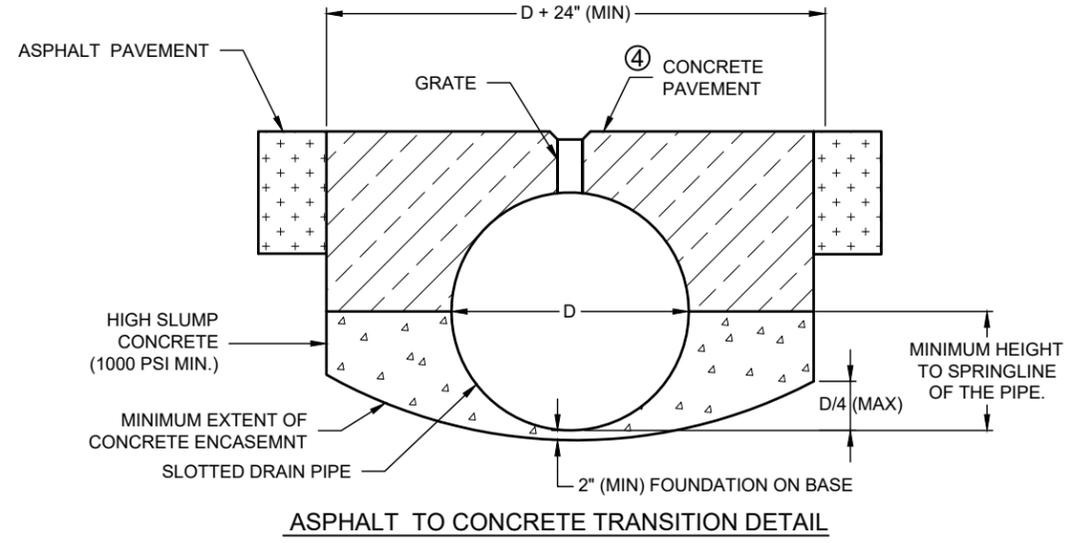
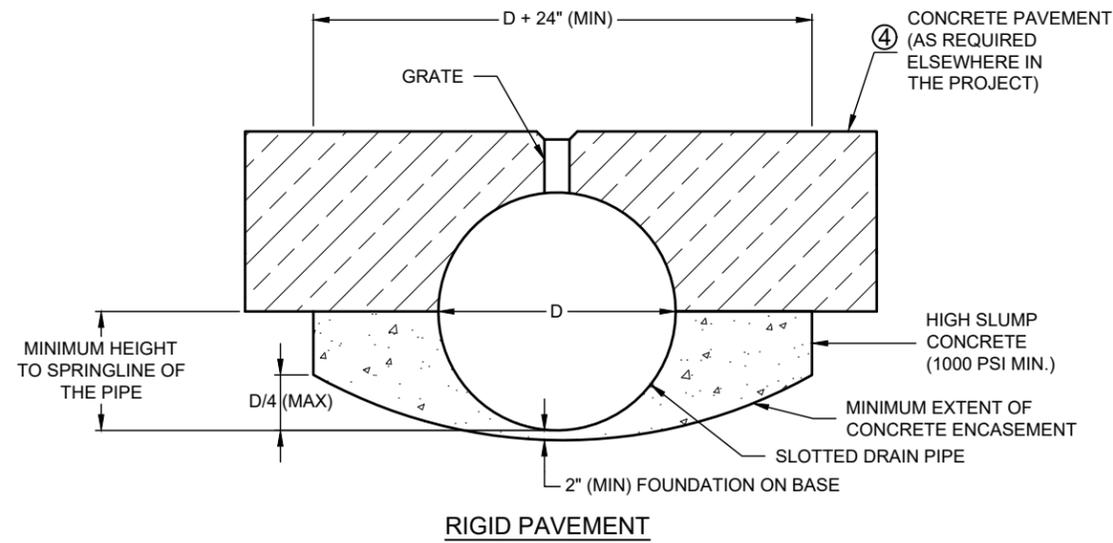


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**SLOTTED DRAIN CORRUGATED STEEL PIPE
MINIMUM GAGE REQUIREMENTS
FOR AIRCRAFT & HEAVY LOADING**

SLOTTED DRAIN CSP DIA, D (INCHES)	6" GRATE	
	ASPHALT PAVEMENT	CONCRETE PAVEMENT
12 - 18	16GA	
21 - 36	14GA	

NOTES

- 6" MINIMUM GRATE DEPTH, WITH THE GRATE (AND EXTENDERS IF REQUIRED) WELDED AT EVERY CORRUGATION TANGENT.
- GRATE IS RECESSED 1/4" MINIMUM BELOW TRAFFIC SURFACE.
- DETAILS APPLY TO AIRCRAFT, OFF HIGHWAY, AND LOADS WHERE TIRE PRESSURES ARE 195 PSI MAXIMUM. SOME SITE CONDITIONS AND LOADING/PIPE SIZE COMBINATIONS MAY HAVE ADDITIONAL REQUIREMENTS.
- PAVEMENT AS REQUIRED ELSEWHERE IN THE PROJECT. IF CONCRETE PAVEMENT ELSEWHERE IS REINFORCED, CONTINUE THIS SAME REINFORCEMENT INTO THE SLOTTED DRAIN ZONE. MINIMUM STEEL REINFORCEMENT AS REQUIRED TO MINIMIZE TEMPERATURE CRACKING OF THE CONCRETE IS RECOMMENDED IN THE SLOTTED DRAIN ZONE.

NOTES:

- INSTALLATION MUST CONFORM TO STANDARD INSTALLATION DETAILS USING A 1,000 PSI MINIMUM HIGH SLUMP CONCRETE BACKFILL.
- GRATE MUST BE 6" TALL. 2-1/2" IS NOT AN OPTION FOR AIRCRAFT OR HEAVY LOADS.

BACKFILL DETAIL FOR AIRCRAFT & HEAVY LOADING
NOT TO SCALE

0-SLOTTED DRAIN DETAIL GRID

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**SLOTTED DRAIN
BACKFILL DETAIL FOR AIRCRAFT & HEAVY LOADING**

PROJECT No.:	SEQ. No.:	DATE:
DESIGNED:	DRAWN:	
CHECKED:	APPROVED:	
SHEET NO.:	2 OF 6	