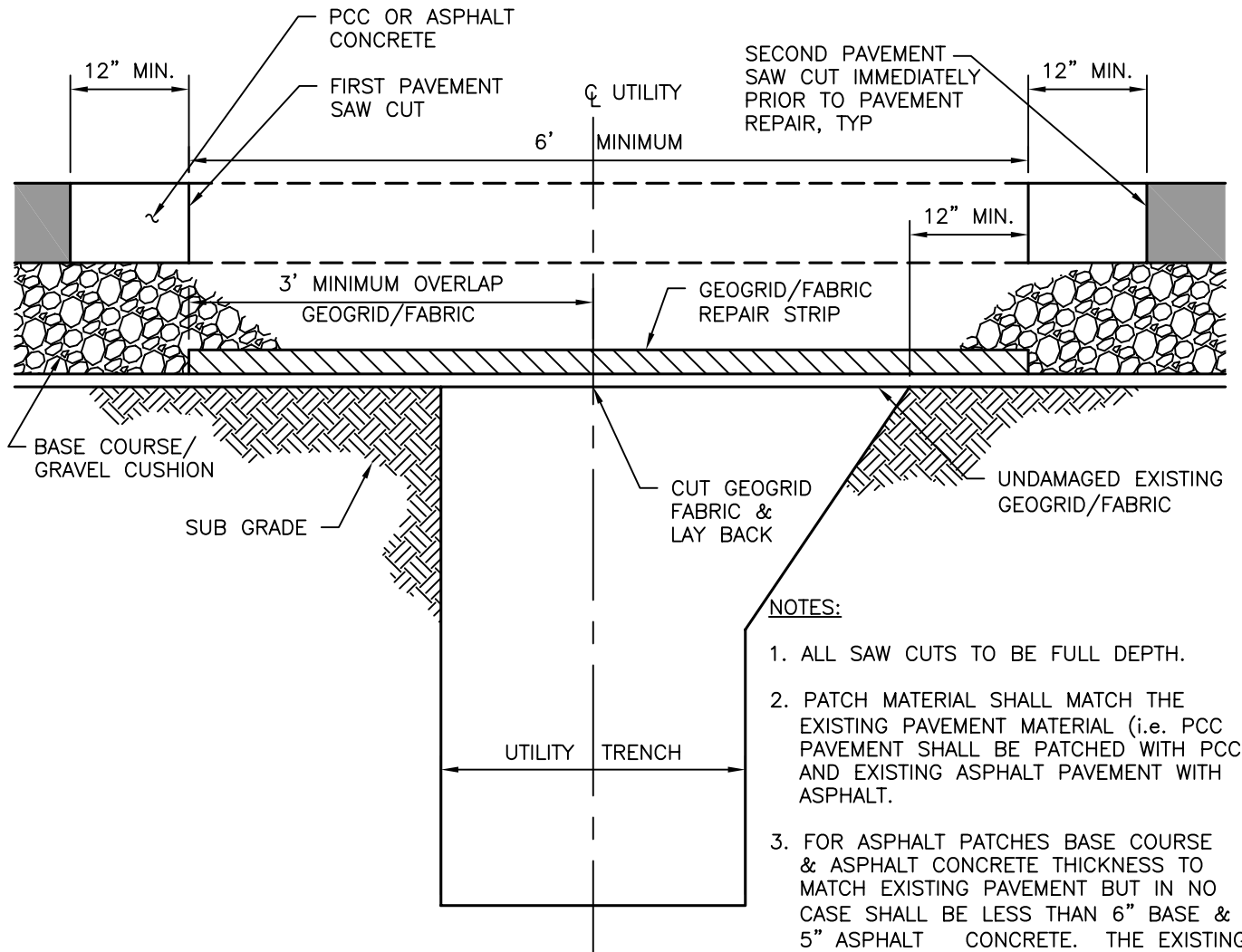


NOTES:

1. ALL SAW CUTS TO BE FULL DEPTH. FOR ASPHALT PATCHES.
2. PATCH MATERIAL SHALL MATCH THE EXISTING PAVEMENT MATERIAL (eg PCC PAVEMENT SHALL BE PATCHED WITH PCC AND EXISTING ASPHALT PAVEMENT WITH ASPHALT).
3. FOR ASPHALT PATCHES BASE COURSE & ASPHALT CONCRETE THICKNESS TO MATCH EXISTING BUT IN NO CASE WILL BE LESS THAN 6" BASE & 5" ASPHALT CONCRETE. THE EXISTING VERTICAL ASPHALT FACE SHALL BE TACKED.
4. FOR PCC PAVEMENT PATCHES – SEE PCC PAVEMENT DETAILS.
5. PCC PAVEMENT REMOVALS SHALL BE TO THE NEAREST EXISTING JOINT (eg FULL PANEL REMOVAL AND REPLACEMENT).
6. TRENCHES ARE SHOWN TO DIAGRAM PATCHING REQUIREMENTS. TRENCHES SHALL BE CONSTRUCTED TO MEET OSHA REQUIREMENTS.
7. PAVEMENT REMOVAL BETWEEN FIRST AND SECOND SAW CUT SHALL BE REMOVED AT TIME OF PATCHING.

TABLE 11-1 MINIMUM TRENCH WIDTH TABLE

PIPE DIAMETER	MINIMUM WIDTH	MINIMUM BETWEEN FIRST SAWCUTS	MINIMUM BETWEEN SECOND SAWCUTS	PCC PAVEMENT
<8 in.	24"	4'	6'	SECOND SAWCUTS SHALL BE AT EXISTING JOINTS SEE NOTE #5
8in. – 12in.	30"	4'-6"	6'-6"	
14in. – 18in.	36"	5'	7'	
20in. – 21in.	42"	5'-6"	7'-6"	
24in. – 36in.	1.25 (PIPE OD) PLUS 12in.	MIN. WIDTH PLUS 2'	MIN. WIDTH PLUS 4'	
>36in.	PER PLANS	MIN. WIDTH PLUS 2'	MIN. WIDTH PLUS 4'	



NOTES:

1. ALL SAW CUTS TO BE FULL DEPTH.
2. PATCH MATERIAL SHALL MATCH THE EXISTING PAVEMENT MATERIAL (i.e. PCC PAVEMENT SHALL BE PATCHED WITH PCC AND EXISTING ASPHALT PAVEMENT WITH ASPHALT).
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4. FOR PCC PAVEMENT PATCHES – SEE PCC PAVEMENT DETAILS.
5. PCC PAVEMENT REMOVALS SHALL BE TO THE NEAREST EXISTING JOINT (i.e. FULL PANEL REMOVAL AND REPLACEMENT).
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PIPE DIAMETER	MINIMUM WIDTH	MINIMUM BETWEEN FIRST SAW CUTS	MINIMUM BETWEEN SECOND SAW CUTS	PCC PAVEMENT
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CITY OF RAPID CITY

PUBLIC WORKS DEPARTMENT

GEOGRID/FABRIC UTILITY TRENCH PATCH DETAIL

DATE: 5-1-07

SEC. SHT.

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