

Sawed Construction and Contraction Joint Detail

20-1441-00 PJR - Details.dwg

N.T.S.

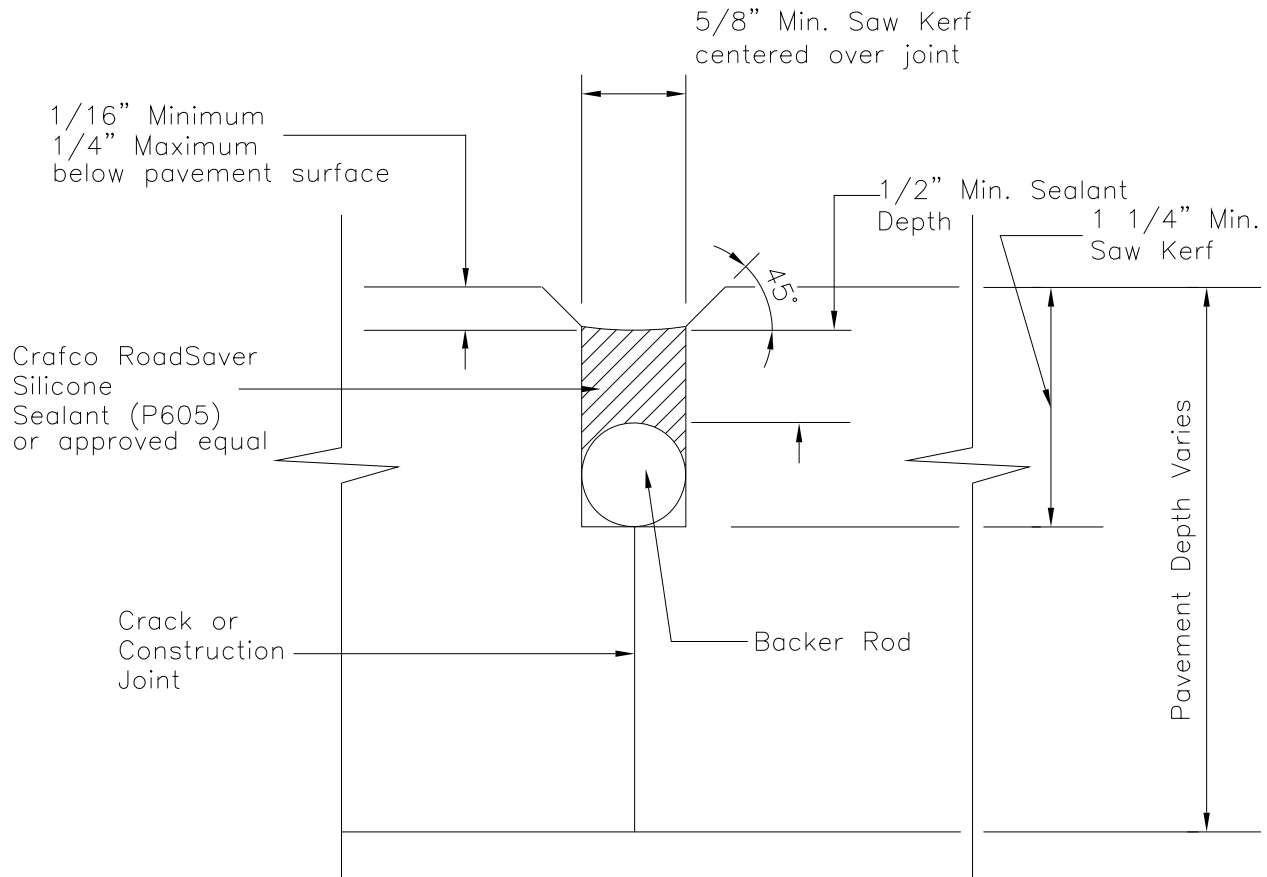
Note: Sawkerf is a minimum. Actual Joint Width will be 5/8" or more.



**MSCAA Project No. 20-1441-00
PAVEMENT JOINT RESEALING
2022-2026**

**Joint Repair
P-605-5.1**

Requested By: DEV/ZS	Drawn By: CS
File Name: CS\Projects\20-1441-00 PAVEMENT JOINT RESEALING 2022-2026\Drawings and Specifications\PS documents\20-1441-00_PJR - Details	
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Sawed Construction and Contraction Joint Detail

20-1441-00 PJR - Details.dwg

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Note: Sawkerf is a minimum. Actual Joint Width will be 5/8" or more.



**MSCAA Project No. 20-1441-00
PAVEMENT JOINT RESEALING
2022-2026**

**Joint Repair
P-605-5.2**

Requested By:
DEV/ZS

Drawn By:
CS

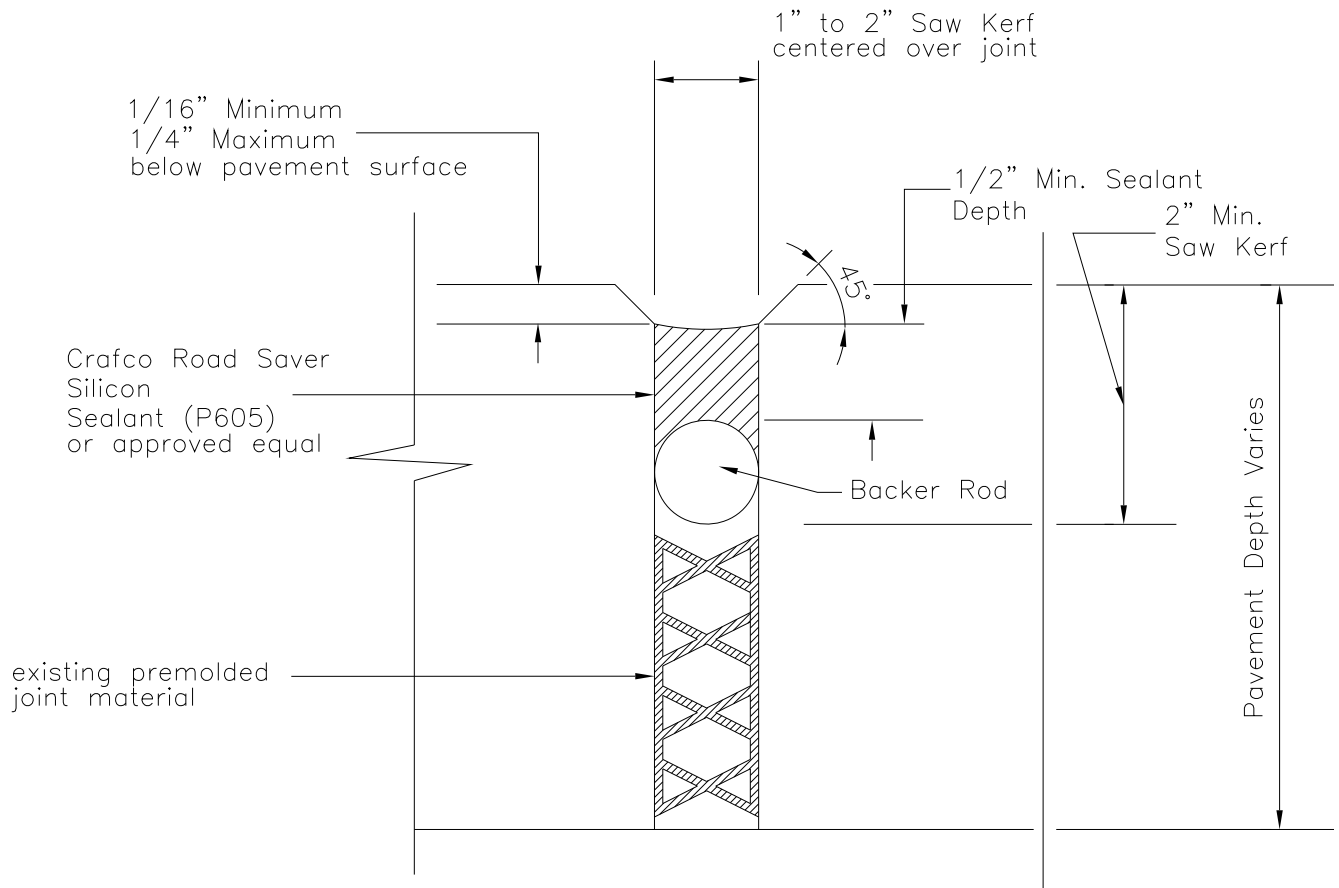
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9/1/21

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Sawed Expansion Joint Detail

20-1441-00 PJR - Details.dwg

N.T.S.



**MSCAA Project No. 20-1441-00
PAVEMENT JOINT RESEALING
2022-2026**

**Joint Repair
P-605-5.2**

Requested By:
DEV/ZS

Drawn By:
CS

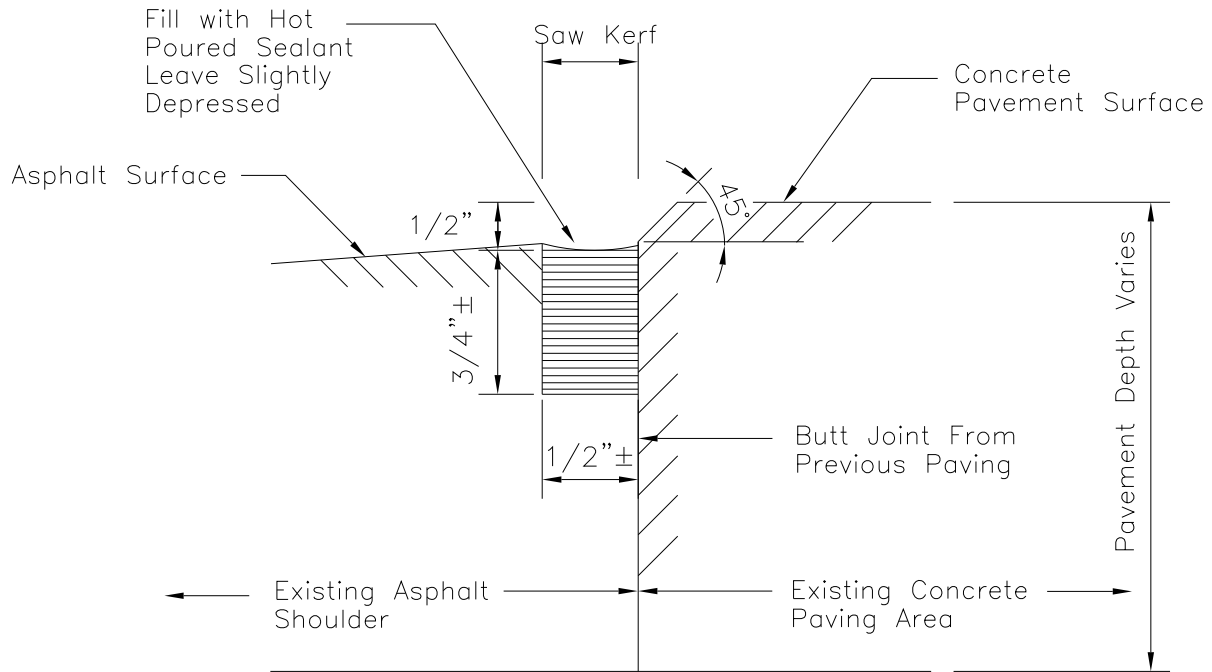
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SAW and SEAL DETAIL

20-1441-00 PJR - Details.dwg

N.T.S.



**MSCAA Project No. 20-1441-00
PAVEMENT JOINT RESEALING
2022-2026**

**Joint Repair
P-605-5.3**

Requested By:
DEV/ZS

Drawn By:
CS

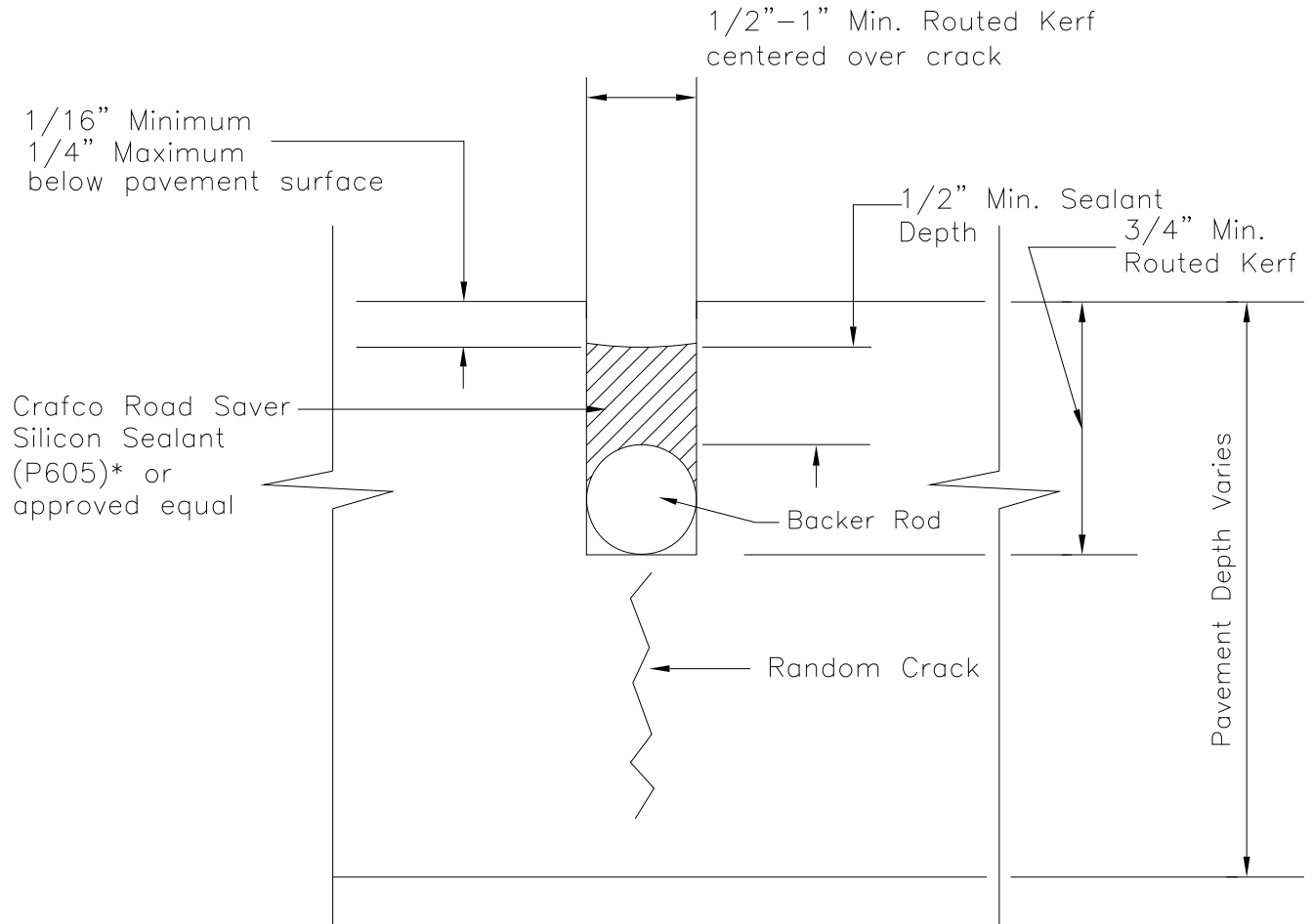
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*Hot Pour Sealant may be used as an alternate if approved by MSCAA.

Crack Routing and Repair Detail

20-1441-00 PJR - Details.dwg

N.T.S.



**MSCAA Project No. 20-1441-00
PAVEMENT JOINT RESEALING
2022-2026**

**Crack Routing & Repair
P-605-5.4 & P-605-5.5**

Requested By:
DEV/ZS

Drawn By:
CS

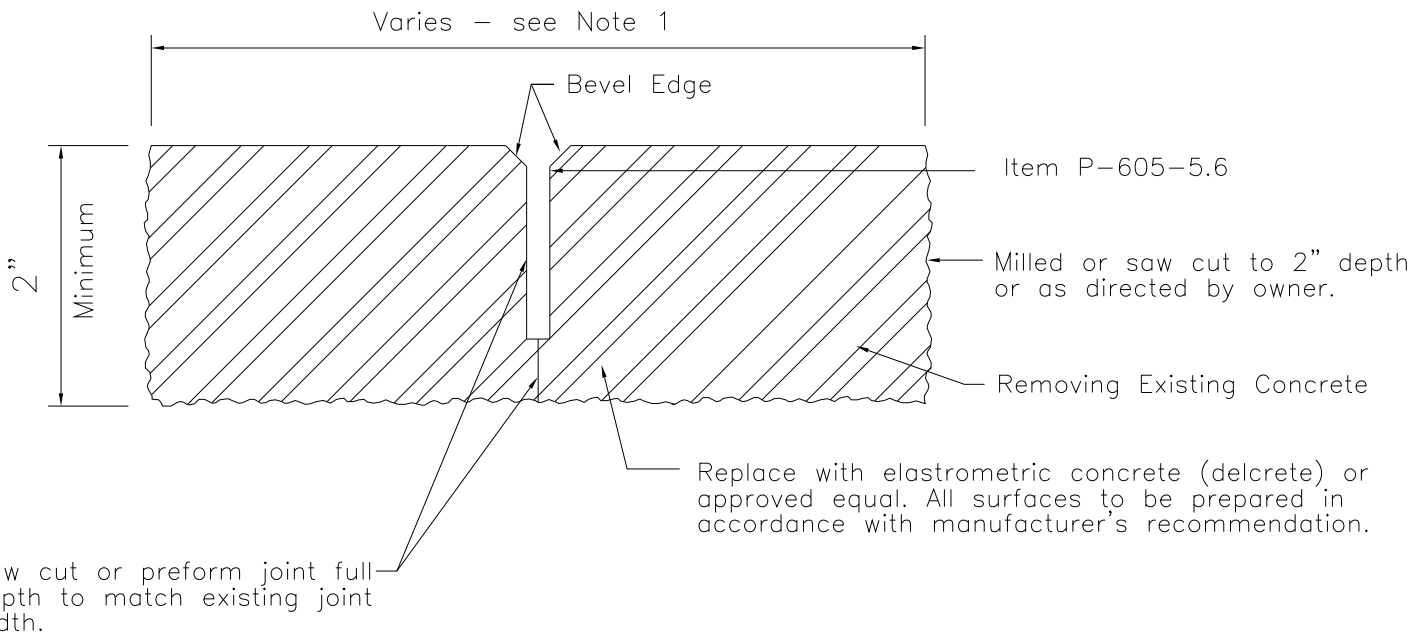
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Joint Rebuilding Detail

20-1441-00 PJR - Details.dwg

N.T.S.

Notes:

- 1) Pay quantity to be based on Maximum 12" width or as approved by owner.
- 2) Remove existing concrete by milling to a Minimum depth of 2".
- 3) Replace Pre-Formed material at Expansion Joints full depth of patch.



**MSCAA Project No. 20-1441-00
PAVEMENT JOINT RESEALING
2022-2026**

**Joint Repair
P-605-5.6**

Requested By:
DEV/ZS

Drawn By:
CS

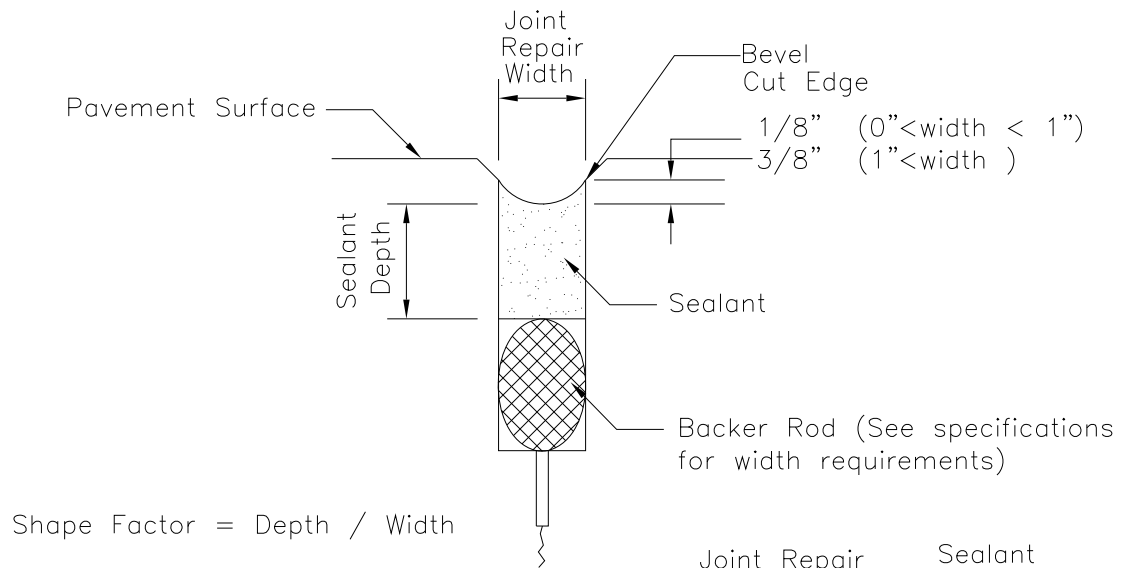
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9/1/21

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Shape Factor = Depth / Width

Liquid Sealant Type	Typical Shape Factor
Hot-Pour	1.0
Silicone	0.5
Preform	0.5

Joint Repair Width	Sealant Depth
5/8"	5/16"
5/8"–1"	5/16"–1/2"
1"–2"	1/2"–1"

Joint Shape Factor Detail

20-1441-00 PJR - Details.dwg

N.T.S.

NOTES:

- 1) Joint width is to bottom of bevel.
- 2) Saw the existing concrete joints 1/8" min. wider than the width of the existing joint with a bevel cut edge. The depth of the cut for each joint shall be the depth such that the sealant above the Backer Rod shall have the proper shape factor. The shape factor for silicone joints shall be 0.5 for depth greater than 1/4 inch.
- 3) This detail applies to Concrete to Concrete Joints only.



**MSCAA Project No. 20-1441-00
PAVEMENT JOINT RESEALING
2022-2026**

Joint Shape Factor Detail

Requested By:
DEV/ZS

Drawn By:
CS

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