UPDATE ON WATERPROOFING MEMBRANES & JOINTS

MIKE VIGIL
BRIDGE DIVISION
NEBRASKA DEPARTMENT OF TRANSPORTATION

- EXPANSION JOINTS
- BRIDGE DECK MEMBRANES
- VISION

EXPANSION JOINT OVERVIEW

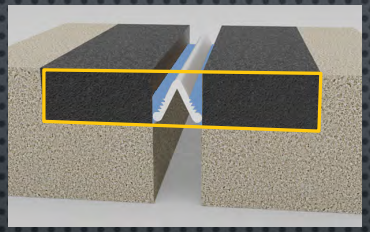
EXPANSION JOINT OVERVIEW

EXPANSION JOINT OVERVIEW

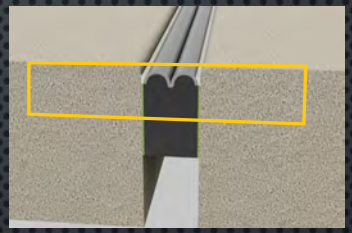
EXPANSION JOINT OVERVIEW

ASPHALT PLUG

PREFORMED SILICONE



PPF



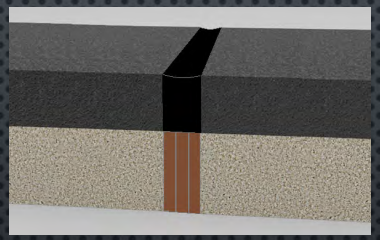
STRIP SEAL

TRANSFLEX

MODULAR

EXPANSION JOINT OVERVIEW

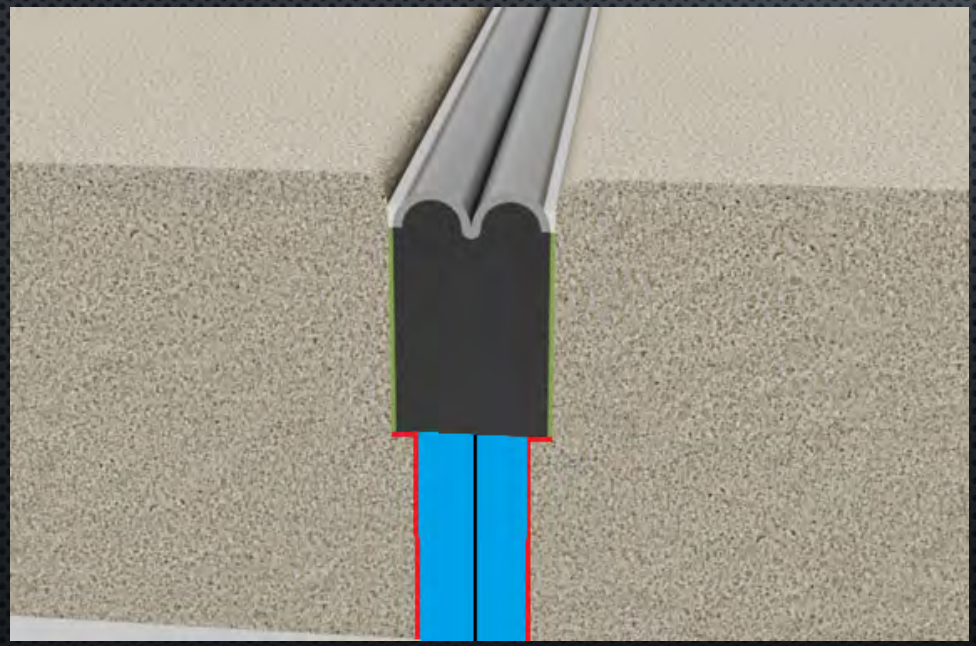
SAW & SEAL



New in 2021

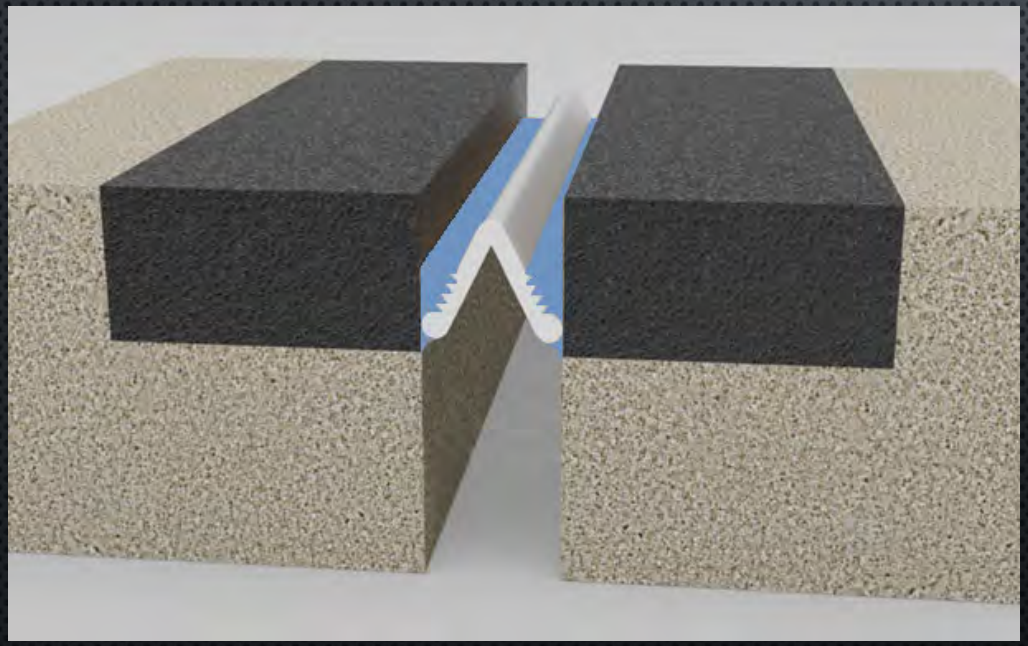
JOINT TYPES

PPF



JOINT TYPES

PREFORMED SILICONE



JOINT TYPES

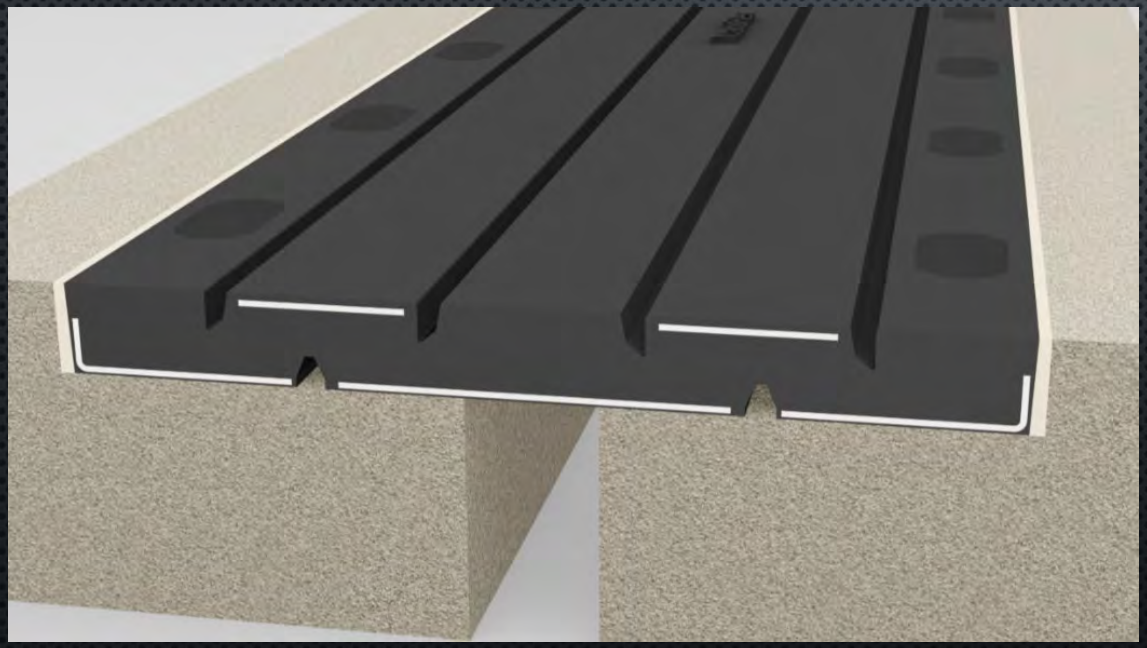
STRIP SEAL

JOINT TYPES

MODULAR

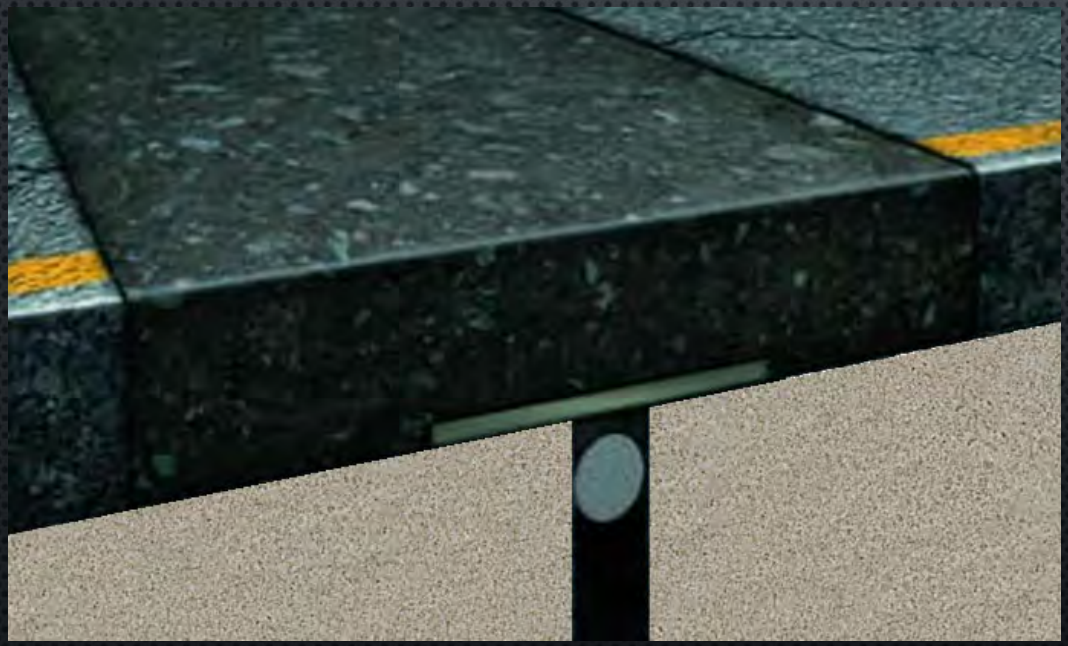
JOINT TYPES

TRANSFLEX



JOINT TYPES

ASPHALT PLUG



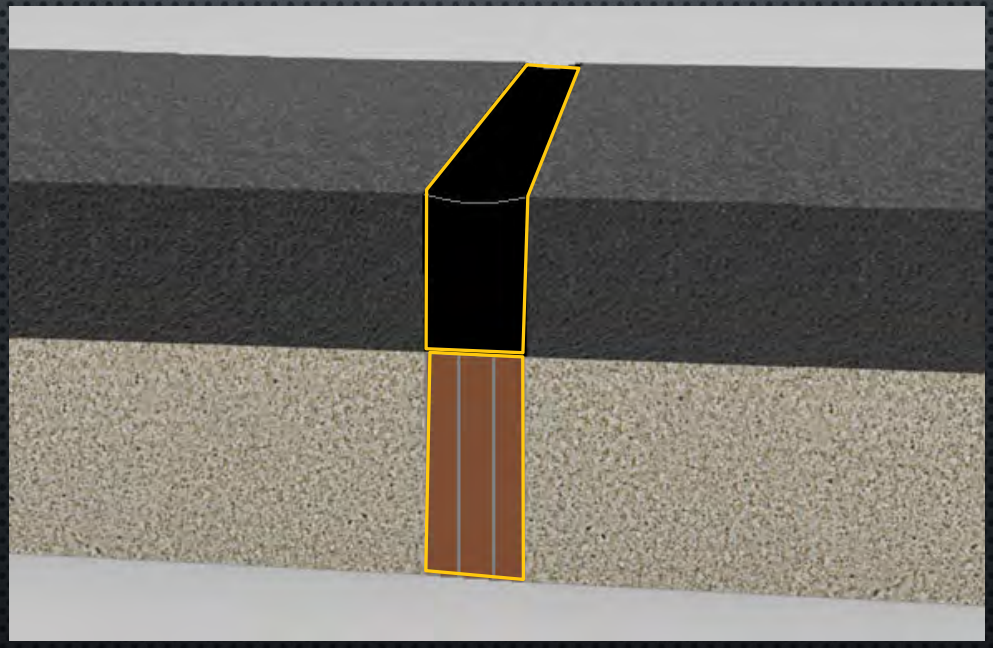
STIHL
M.B. Collins Chart

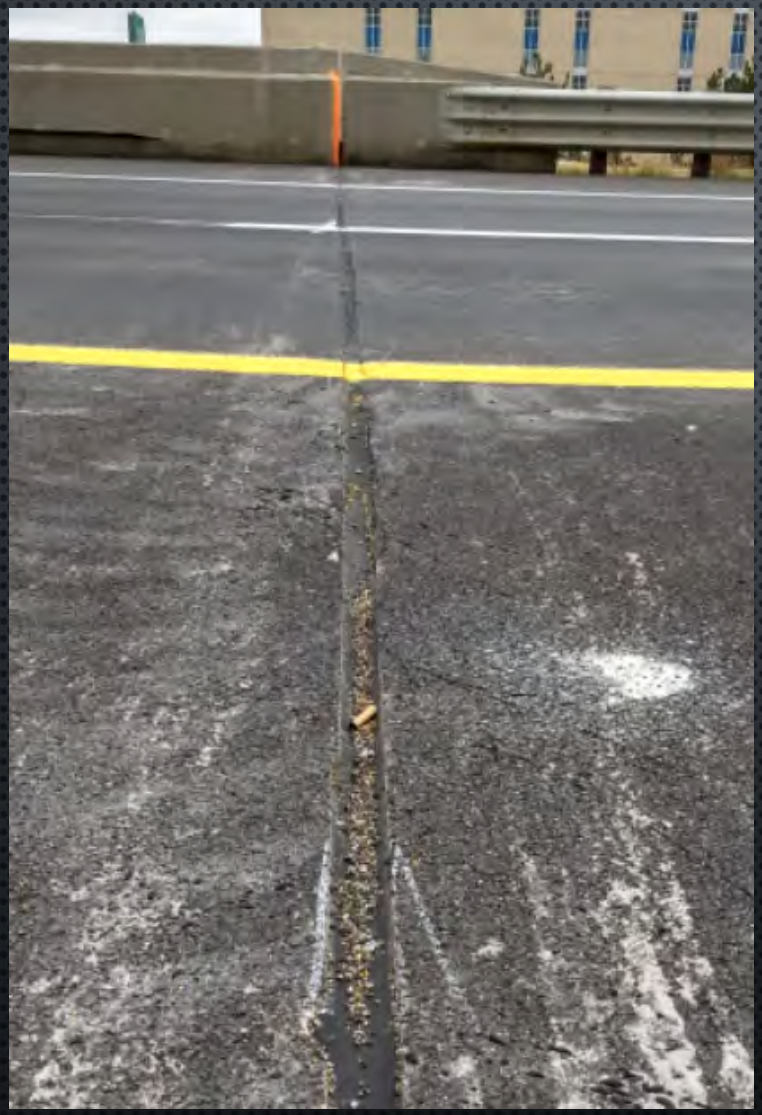
Powerlock
25

HOT
9257

JOINT TYPES

SAW & SEAL





1
2
3
4
5
6

REFLECTIVE CRACKING IN ASPHALT ABOVE NON-EXPANSION JOINTS

REFLECTIVE CRACKING IN ASPHALT ABOVE NON-EXPANSION JOINTS

WATERPROOFING MEMBRANES

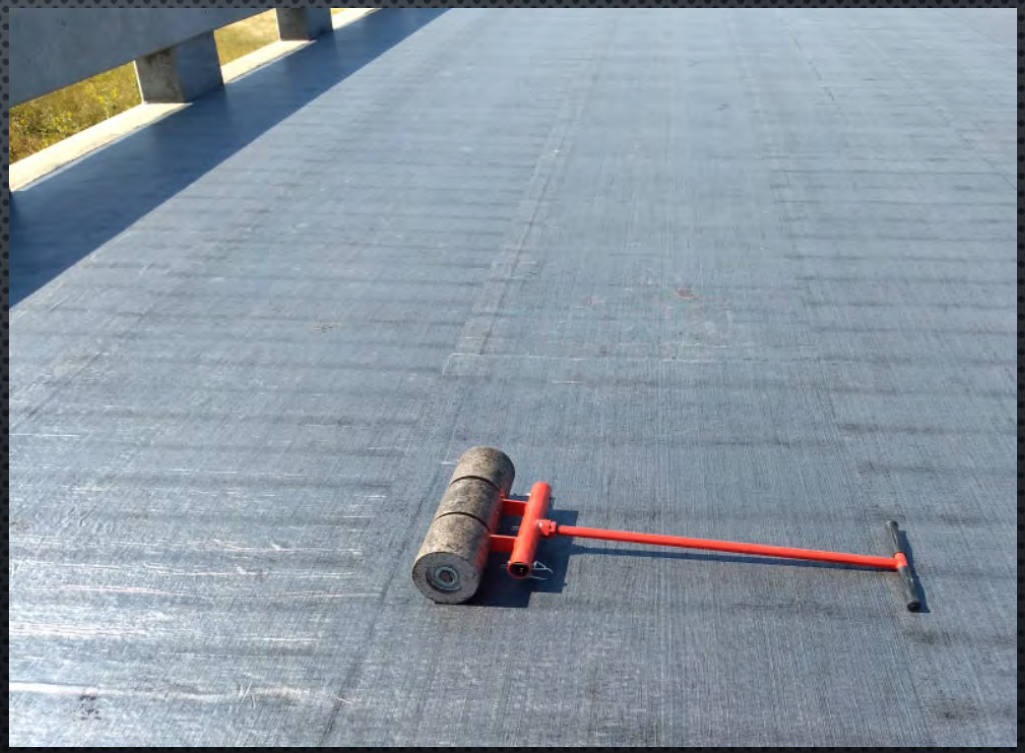
FABRIC

COLD LIQUID

HOT LIQUID

WATERPROOFING MEMBRANES

FABRIC (ROLL APPLIED)

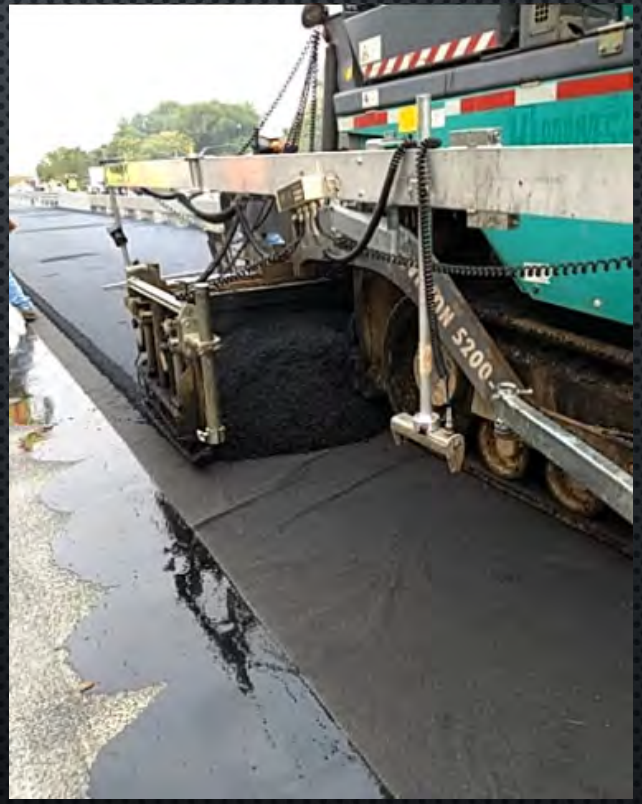


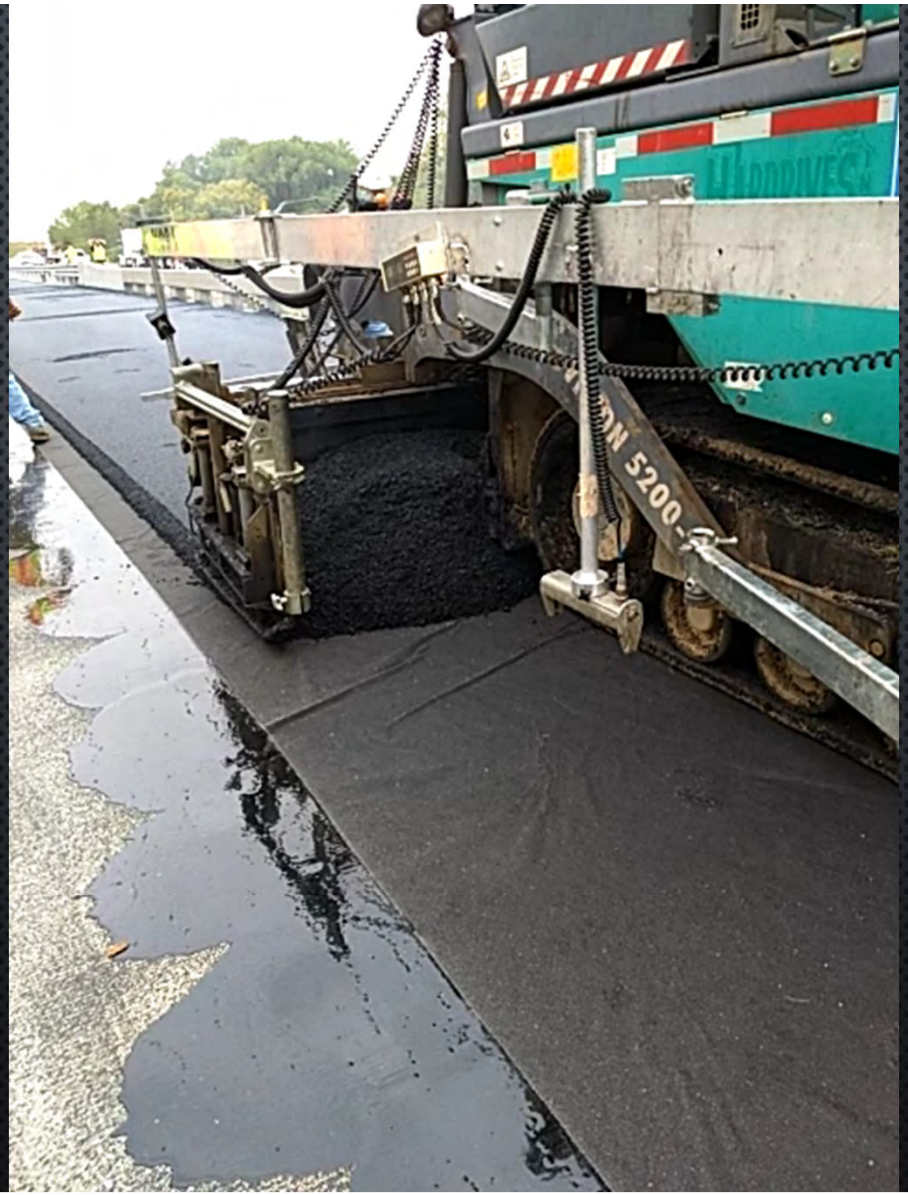
WATERPROOFING MEMBRANES

COLD LIQUID APPLIED (CLAM)

WATERPROOFING MEMBRANES

HOT LIQUID APPLIED

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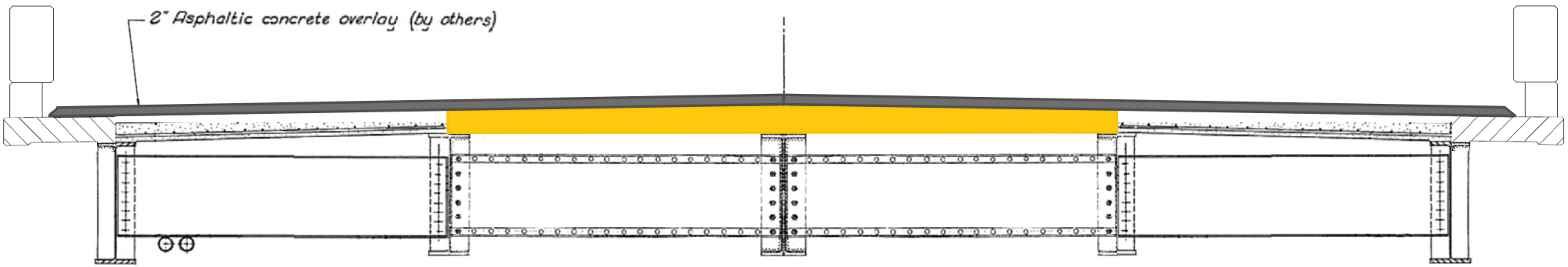
VISION

ONE DECK FOR LIFE


2" Asphaltic concrete overlay (by others)

SL51A00068 OVER PLATTE R.
BRULE LINK