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

SAW & SEAL
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
ONE DECK FOR LIFE
2" Asphaltic concrete overlay (by others)
SL51A00068 OVER PLATTE R.
BRULE LINK