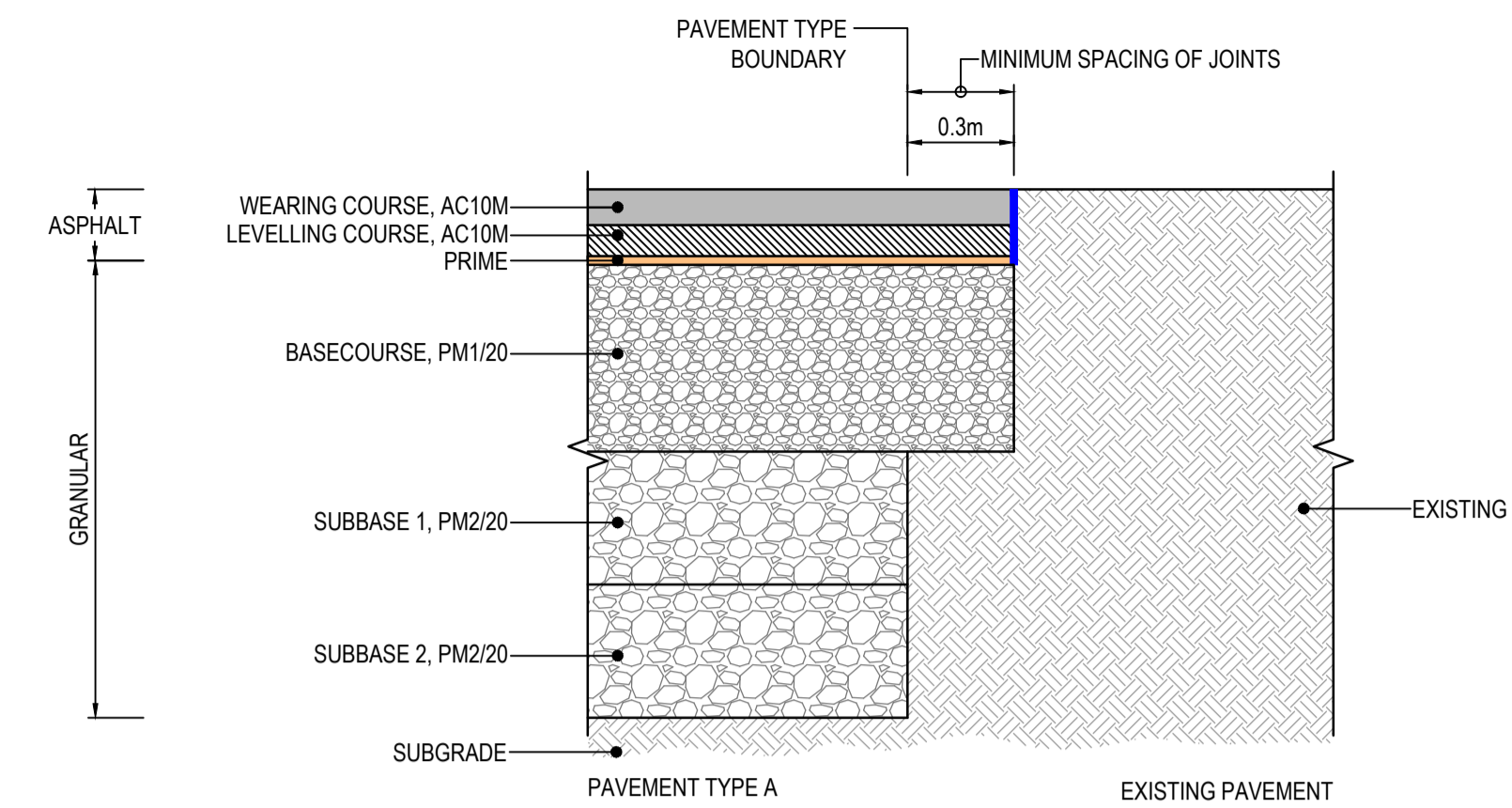


PAVEMENT JOINT TYPE 9

TRANSVERSE JOINT
THIN ASPHALT ON GRANULAR - EXISTING PAVEMENT
(TRANSVERSE CONSTRUCTION JOINT AT LIMIT OF WORKS)

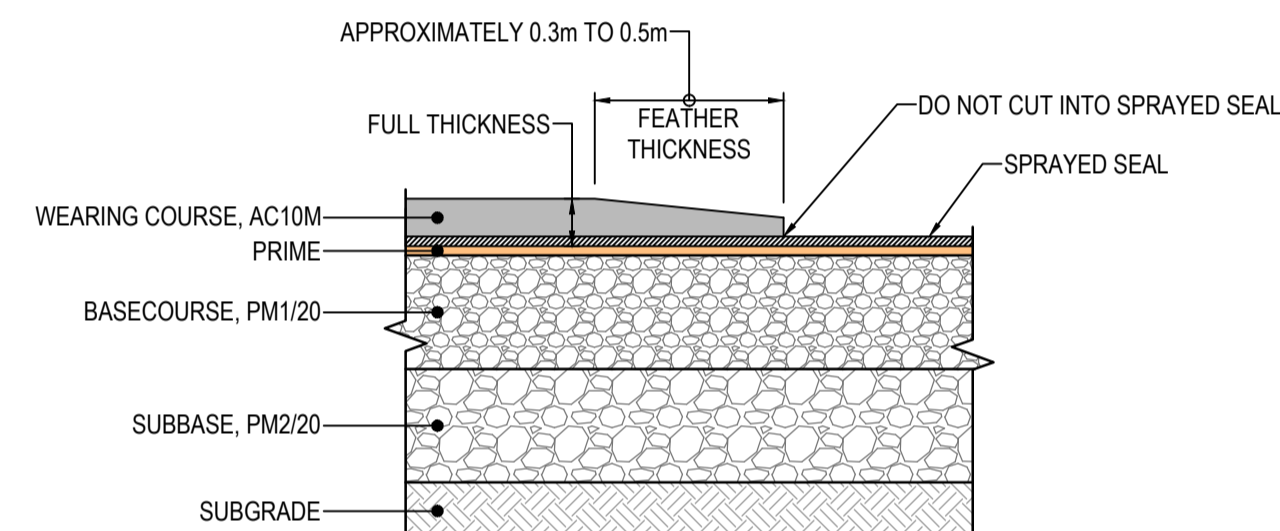
PAVEMENT DESIGNER TO NOTE IN PREPARING JOINT DETAIL:
JOINT DETAIL DESIGN MUST CONSIDER THE EXISTING PAVEMENT CONFIGURATION, INCLUDING THE TYPE AND THICKNESS OF SURFACING, STRUCTURAL LAYERS, RISK OF DISTURBANCE DURING CONSTRUCTION AND CONSTRUCTABILITY / LIKELY CONSTRUCTION PLANT.



PAVEMENT JOINT TYPE 10

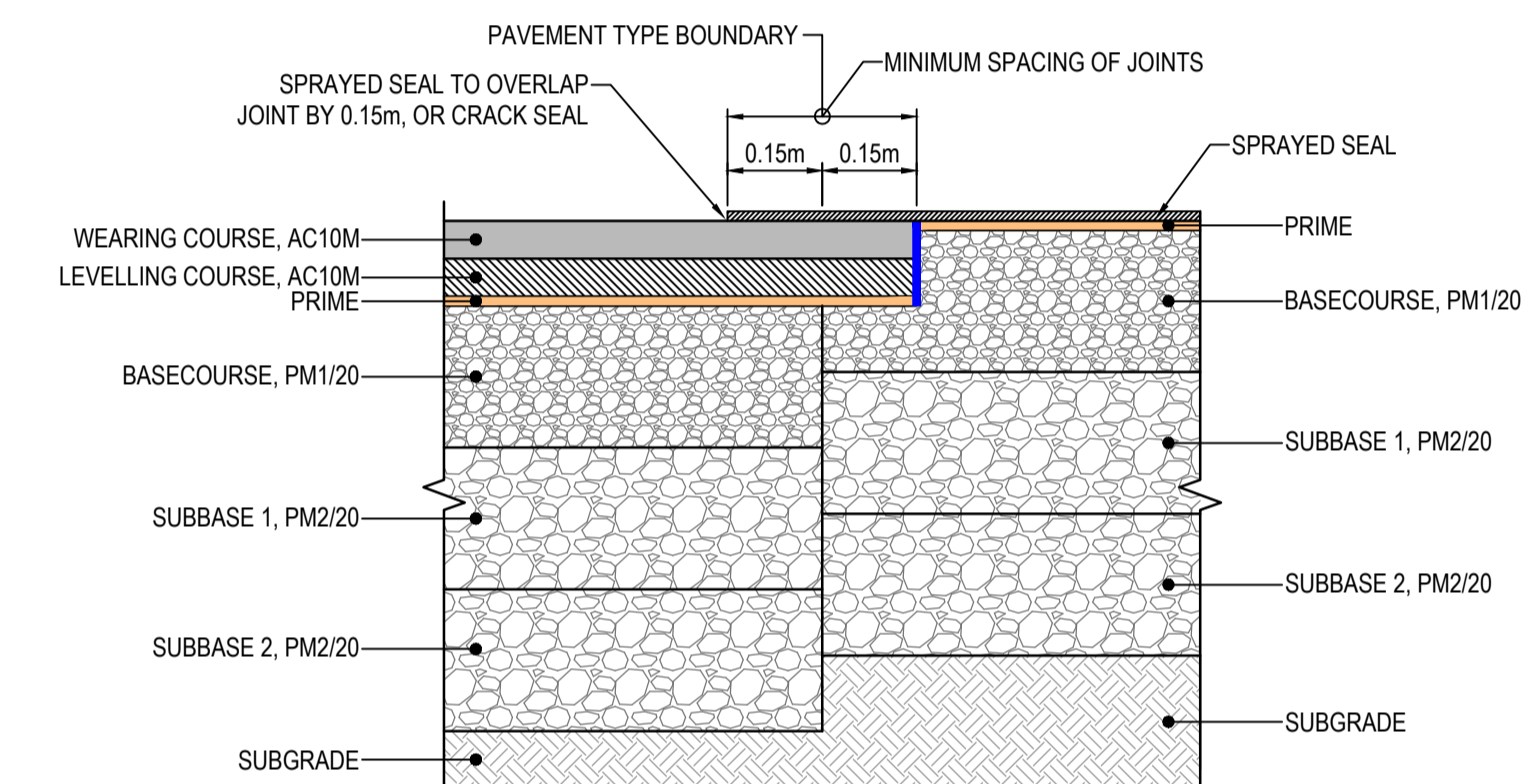
LONGITUDINAL JOINT
THIN ASPHALT ON GRANULAR - EXISTING PAVEMENT
(LONGITUDINAL CONSTRUCTION JOINT AT LIMIT OF WORKS)

PAVEMENT DESIGNER TO NOTE IN PREPARING JOINT DETAIL:
JOINT DETAIL DESIGN MUST CONSIDER THE EXISTING PAVEMENT CONFIGURATION, INCLUDING THE TYPE AND THICKNESS OF SURFACING, STRUCTURAL LAYERS, RISK OF DISTURBANCE DURING CONSTRUCTION AND CONSTRUCTABILITY / LIKELY CONSTRUCTION PLANT.



PAVEMENT JOINT TYPE 11

ASPHALT OVERLAY OVER
SPRAYED SEAL EDGE DETAIL
(JUNCTION TREATMENT AT RURAL INTERSECTIONS)



PAVEMENT JOINT TYPE 12

TRANSVERSE JOINT
THIN ASPHALT ON GRANULAR - SPRAYED SEAL ON GRANULAR
(CHANGE OF PAVEMENT TYPE)

GENERAL NOTE - USE OF THESE JOINT DETAILS:

- THESE JOINT DETAILS AND NOTES ARE PROVIDED AS GENERIC EXAMPLES TO ILLUSTRATE TYPICAL JOINT DETAILS ADOPTED ON DIT PROJECTS. **THEY MUST BE ADAPTED TO SUIT SPECIFIC PROJECT CONDITIONS BY THE PAVEMENT DESIGNER.** THIS INCLUDES REMOVING OR AMENDING NOTES, ADJUSTING NUMBER OF PAVEMENT LAYERS TO MATCH ACTUAL PROJECT CONFIGURATIONS, CONSIDERING USE OF REINFORCING GRIDS OR FABRICS, ADJUSTING PAVEMENT TYPE LABELS, CONSTRUCTION NOTES AND SO ON.

CONSTRUCTION NOTES:

THESE ARE TYPICAL NOTES WHICH MUST BE ADAPTED FOR EACH PROJECT BY THE PAVEMENT DESIGNER.

- THESE JOINT DETAILS WERE DEVELOPED PRIOR TO ENGAGEMENT OF THE CONSTRUCTION CONTRACTOR AND KNOWLEDGE OF THEIR WORK METHODS AND STAGING. THEY ARE EXPECTED TO BE SUITABLE FOR COMMON CONSTRUCTION PRACTICES, BUT FURTHER ADVICE SHOULD BE OBTAINED FROM THE PAVEMENT DESIGNER WHERE THEY DON'T SUIT THE PROPOSED CONSTRUCTION METHODOLOGY AND STAGING.
- REMOVE ANY DEFECTIVE MATERIAL (E.G. LOOSE, CRACKED, SETTLED, DEFORMED, ERODED, POORLY COMPACTED, TEMPORARY RAMPS) AT THE JOINT PRIOR TO PLACING NEXT PAVEMENT.
- ASPHALT - FACE OF JOINTS AND PAVEMENT LAYER SURFACE TO BE PREPARED AND TACK COATED IN ACCORDANCE WITH DIT MASTER SPECIFICATION (INCLUDING CRACK SEALING, TACK COATING OR OTHER TREATMENTS AS APPROPRIATE). BLUE LINE CORRESPONDS TO A PREPARED SURFACE WITH A TACK COAT. TACK COAT SHALL APPLIED TO HORIZONTAL PAVEMENT LAYER SURFACES AS PER DIT MASTER SPECIFICATION BUT HAS NOT BEEN SHOWN ON JOINT DETAILS.

- GRANULAR BASECOURSE SURFACE TO BE PREPARED AND BITUMINOUS PRIME APPLIED IN ACCORDANCE WITH DIT MASTER SPECIFICATION. ORANGE LINE INDICATES PREPARED SURFACE WITH BITUMINOUS PRIME.
- OPEN GRADED ASPHALT WEARING COURSE - S25E SAMI TO BE APPLIED BELOW OGA ON DGA LEVELLING COURSE. GREEN LINE CORRESPONDS TO SAMI.
- JOINT TO BE CRACKED SEALED AT SURFACE 6 MONTHS AFTER OPENING, IF REQUIRED FOR DGA OR SMA SURFACE. CRACK SEALING SHALL NOT BE APPLIED FOR OGA WEARING COURSE.
- FOR TEMPORARY PAVEMENTS, LESSER STANDARDS MAY BE APPROPRIATE AND MUST BE APPROVED BY DIT SUPERINTENDENT.
- THESE JOINT DETAILS ARE NOT APPLICABLE FOR TRENCH REINSTATEMENTS. REFER TO DIT DOCUMENT "PAVEMENT REINSTATEMENT MANUAL".
- WHERE WEARING COURSE CHANGES AT JOINT DRAINAGE MUST BE CONSIDERED, e.g. PERMEABLE OGA TO IMPERMEABLE DGA OR SMA JOINT.
- CONTRACTOR TO PROTECT EXISTING PAVEMENT EDGE THROUGHOUT WORKS. RECTIFICATION OF DAMAGE IS CONTRACTOR'S RESPONSIBILITY AND COST.

| | | | | | | | | | | | | | | | | |
|---|--|--|-------|--------------|-----------|---|--|------------------|--------------------------|----------------|-----------------|------------------------------------|----------|-------------------|---------------------------|--------------|
| INDEX SHEET REFERENCE: N/A SHEET N/A | | <p>Government of South Australia Department for Infrastructure and Transport</p> | | PROJECT No.: | FILE No.: | <p>STANDARD DRAWING PAVEMENT JOINT DETAILS THIN ASPHALT ON GRANULAR TO EXISTING PAVEMENT OR SPRAYED SEAL PAVEMENT JOINTS, ASPHALT OVERLAY EDGE DETAIL SHEET 3 OF 6</p> | | | | | | | | | | |
| 2 NOTE 8 UPDATED, "PAVEMENT REINSTATEMENT MANUAL" | | | | NKS | J.del. | | | | | M.SLUCZANOWSKI | 31.10.23 | DESIGNED: | DRAFTED: | ACCEPTED FOR USE: | ACCEPTANCE FORM KNET No.: | DRAWING No.: |
| 1 NOTES UPDATED, TYPICAL PAVEMENT LAYERS AMENDED | | GE | PAS | P. MORGAN | 05.04.22 | | | | | CHECKED: | CHECKED: | TITLE: PRINCIPAL PAVEMENT ENGINEER | 14092259 | 95272 | 3 | 2 |
| No. AMENDMENT DESCRIPTION | | BY | CHECK | ACCEPTANCE | DATE | NOT TO SCALE | | DATE: 05.04.2022 | IN ACCORDANCE WITH DP013 | SHEET LATITUDE | SHEET LONGITUDE | | | | | |

UNCONTROLLED COPY WHEN PRINTED 100 MILLIMETRES ON ORIGINAL DRAWING ALL DIMENSIONS ARE IN METRES UNLESS SHOWN OTHERWISE