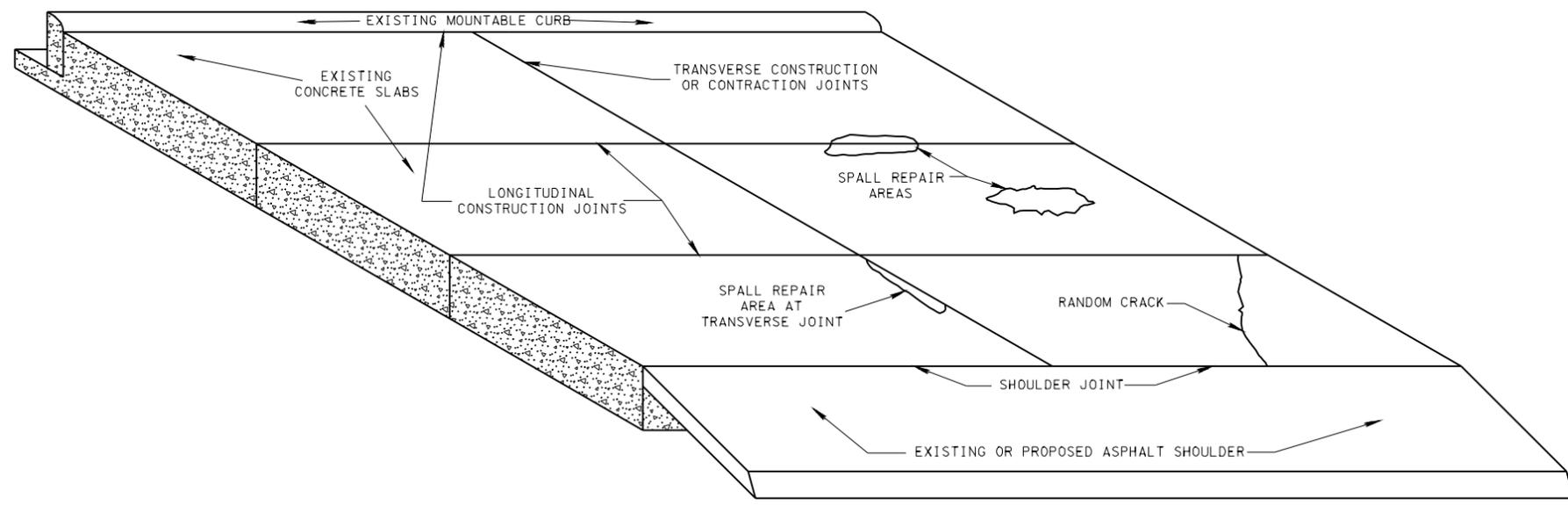
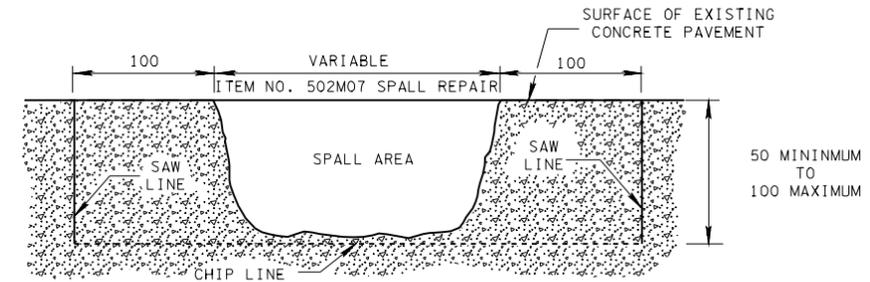


- REV. 11-1-95: CHANGED TO METRIC.
- REV. 7-29-96: TRANSFERRED DETAILS REGARDING CONCRETE JOINT REPAIR TO DRAWING NO. RPM-J-25. ADDED DETAIL FOR PARTIAL DEPTH SPALL REPAIR AT TRANSVERSE JOINT.
- REV. 5-27-01: CHANGED PAY ITEM IN GENERAL NOTES (R2) AND (R3).
- REV. 7-1-01: CHANGED DRAWING NAME.

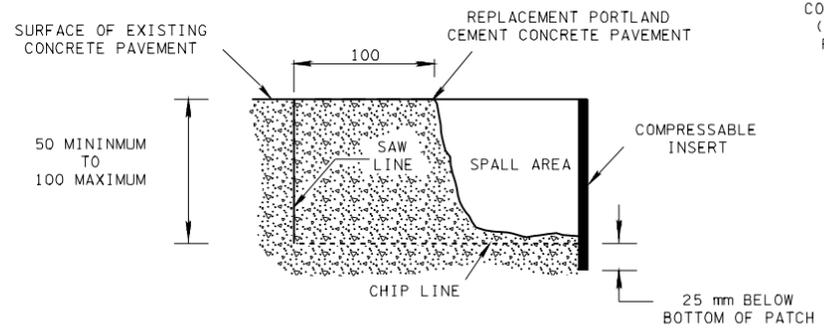


PLAN VIEW OF JOINTS, SPALL REPAIR, AND RANDOM CRACK REPAIR



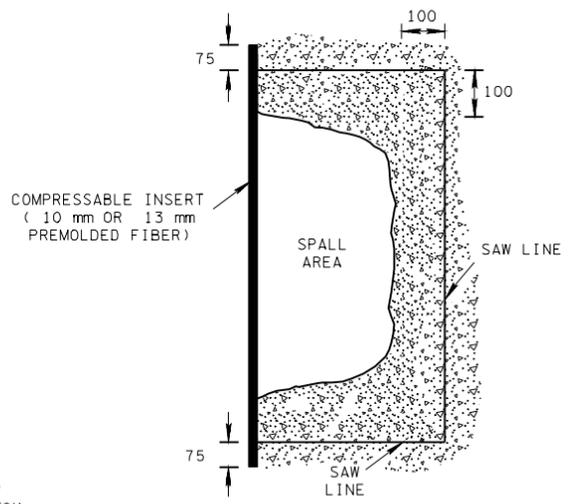
PROFILE VIEW

DETAIL FOR PARTIAL DEPTH SPALL REPAIR



PROFILE VIEW

DETAIL FOR PARTIAL DEPTH SPALL REPAIR AT TRANSVERSE JOINT



PLAN VIEW

GENERAL NOTES REGARDING SPALL REPAIR

(S1) PARTIAL DEPTH SPALL REPAIR SHALL BE DONE ON LOW SPEED FACILITIES ONLY. USE FULL DEPTH PAVEMENT REPLACEMENT FOR HIGH SPEED FACILITIES, SUCH AS FREEWAYS AND EXPRESSWAYS.

(S1) ALL PARTIAL DEPTH SPALL REPAIR AREAS SHALL BE SAWED AND CHIPPED TO THE APPROXIMATE LINES SHOWN IN THE ABOVE DETAIL. ALL COSTS OF THIS WORK SHALL BE INCLUDED IN THE PRICE BID FOR ITEM NO. 502M07, SPALL REPAIR PER SQUARE METER.

(S2) BEFORE BEGINNING REPAIR PROCESS, EACH SPALL AREA SHALL BE CLEAN, DRY, AND FREE OF ANY FOREIGN MATERIAL.

(S3) IF DEPTH OF SPALL EXCEEDS 100 mm THEN IT SHALL BE MEASURED BY THE SQUARE METER AND PAID FOR UNDER ITEM NO. 501M01, PORTLAND CEMENT CONCRETE PAVEMENT (REPLACEMENT). SEE PARTIAL SLAB REPAIR DETAILS ON STANDARD DRAWING NO. RPM-J-23.

GENERAL NOTES REGARDING RANDOM CRACK REPAIR

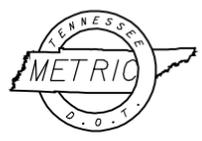
(R1) RANDOM CRACKS SHALL BE ROUTED OR CHIPPED TO A MINIMUM DIMENSION OF 6 mm WIDE AND 10 mm DEEP AND THEN SEALED.

(R2) IF HOT-POURED ELASTIC TYPE CONCRETE JOINT SEALANT IS USED TO SEAL RANDOM CRACKS, THEN ITEM NO. 502M08.04, SEALING RANDOM CRACKS (HOT POURED ELASTIC) PER LINEAR METER IS TO BE USED.

(R3) IF SILICONE SEALANT IS USED TO SEAL RANDOM CRACKS, THEN ITEM NO. 502M08.07, SEALING RANDOM CRACKS (SILICONE SEALANT) PER LINEAR METER IS TO BE USED.

(R4) ALL RANDOM CRACKS 3 mm OR GREATER ARE TO BE REPAIRED.

CROSS-REFERENCE DRAWINGS NOTED ON THIS SHEET:
RPM-J-9, RPM-J-23 AND RPM-J-25.



ALL UNITS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.

□ MINOR REVISION -- FHWA APPROVAL NOT REQUIRED.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

CONCRETE PAVEMENT
SPALL AND
RANDOM CRACK
REPAIR DETAILS