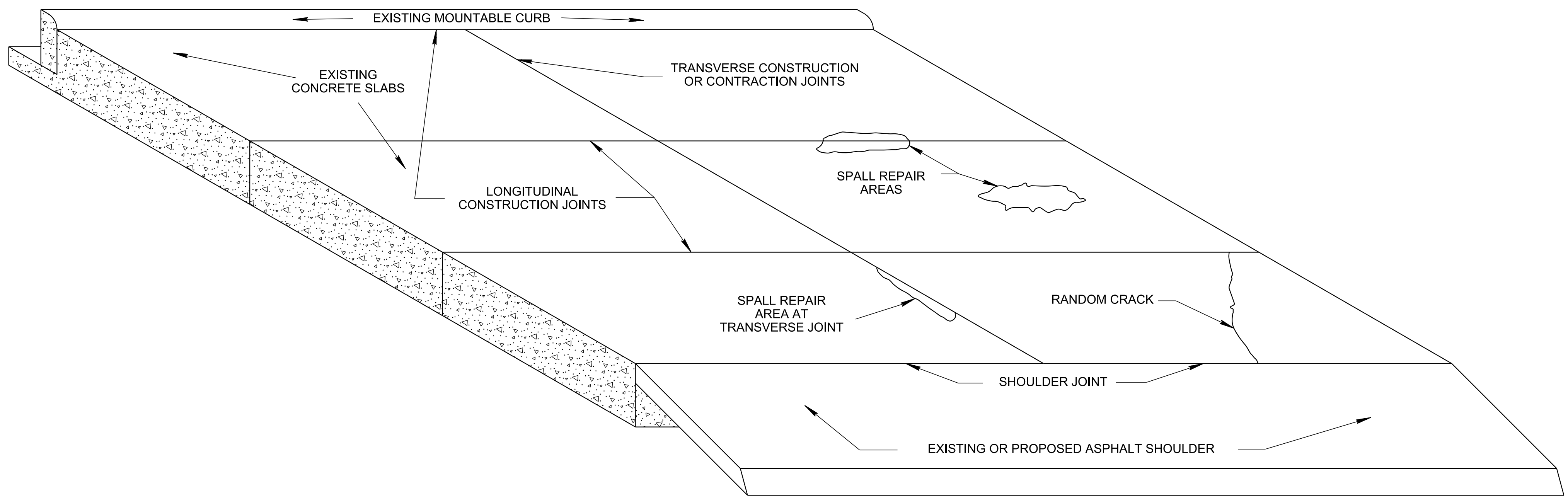
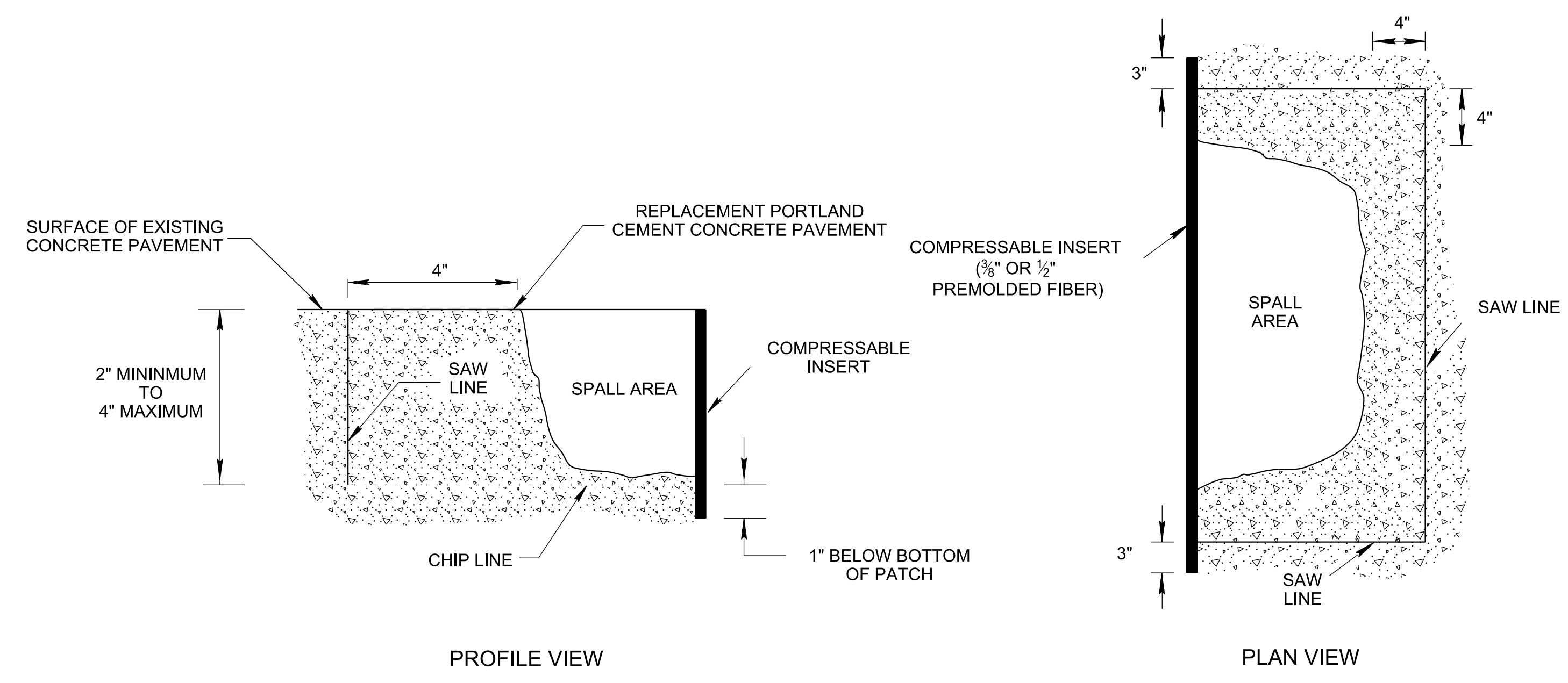


4/15/2020 3:49:32 PM P:\StandDraw\DESIGN STANDARDS\Standards Drawings\Standard Roadway Drawings - CURRENT\In Progress\10-104.00 Roadway, Pavement Appurtenances and Fence IP\104.01 Concrete Pavement IP\RP-J-24

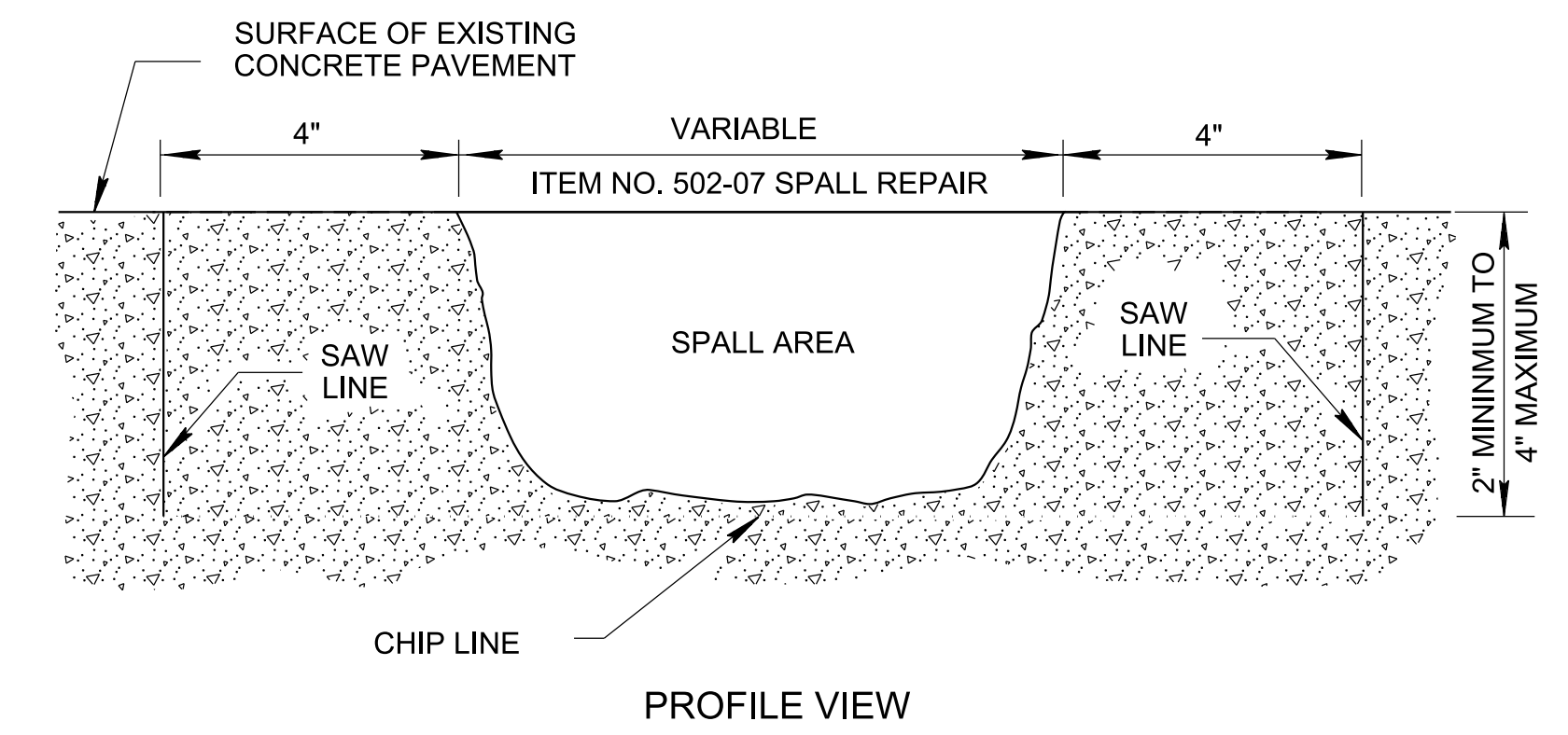


PLAN VIEW OF JOINTS, SPALL REPAIR, AND RANDOM CRACK REPAIR

- REV. 07-17-84: ADDED EXISTING AND PROPOSED LAYOUTS OF CONCRETE PAVEMENT REPLACEMENT. ADDED TIE BARS AND CHANGED NOTES.
- REV. 04-2-90: DREW NEW SHEET WHICH INCLUDED INFORMATION PREVIOUSLY ON DRAWING NO. RP-J-23 REGARDING SPALL REPAIR, RANDOM CRACK REPAIR, AND JOINT REPAIR DETAILS. ADDED NEW INFORMATION REGARDING JOINT REPAIR TO CONCUR WITH REVISED DRAWING NO. RP-J-9.
- REV. 12-18-94: MODIFIED SPALL REPAIR DETAIL AND GENERAL NOTES.
- REV. 07-29-98: TRANSFERRED DETAILS REGARDING CONCRETE JOINT REPAIR TO DRAWING NO. RP-J-25. ADDED DETAIL FOR PARTIAL DEPTH SPALL REPAIR AT TRANSVERSE JOINT.
- REV. 05-27-01: CHANGED PAY ITEM IN GENERAL NOTES R2 AND R3.
- REV. 05-01-20: COMBINED GENERAL NOTES INTO ONE BLOCK AND RELETTERED NOTES. REDREW SHEET.



DETAIL FOR PARTIAL DEPTH SPALL REPAIR AT TRANSVERSE JOINT

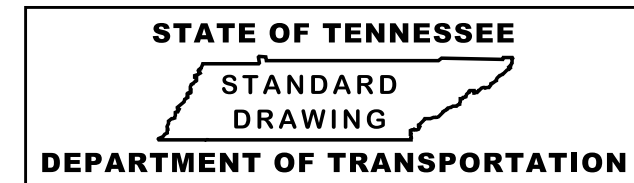


DETAIL FOR PARTIAL DEPTH SPALL REPAIR

GENERAL NOTES	
<b>RANDOM CRACK REPAIR</b>	
(A)	RANDOM CRACKS SHALL BE ROUTED OR CHIPPED TO A MINIMUM DIMENSION OF 1/4" WIDE AND 3/8" DEEP AND THEN SEALED.
(B)	IF HOT-POURED ELASTIC TYPE CONCRETE JOINT SEALANT IS USED TO SEAL RANDOM CRACKS, THEN ITEM NO. 502-08.04, SEALING RANDOM CRACKS (HOT POURED ELASTIC) PER LINEAR FOOT IS TO BE USED.
(C)	IF SILICONE SEALANT IS USED TO SEAL RANDOM CRACKS, THEN ITEM NO. 502-08.07, SEALING RANDOM CRACKS (SILICONE SEALANT) PER LINEAR FOOT IS TO BE USED.
(D)	ALL RANDOM CRACKS 1/8" OR GREATER ARE TO BE REPAIRED.
<b>SPALL REPAIR</b>	
(E)	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.
(F)	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. 502-07, SPALL REPAIR, PER SQUARE YARD.
(G)	BEFORE BEGINNING REPAIR PROCESS, EACH SPALL AREA SHALL BE CLEAN, DRY, AND FREE OF ANY FOREIGN MATERIAL.
(H)	IF DEPTH OF SPALL EXCEEDS 4" THEN IT SHALL BE MEASURED BY THE SQUARE YARD AND PAID FOR UNDER ITEM NO. 501-01, PORTLAND CEMENT CONCRETE PAVEMENT (REPLACEMENT). SEE PARTIAL SLAB REPAIR DETAILS ON STANDARD DRAWING NO. RP-J-23.

CROSS-REFERENCE DRAWINGS FOR THIS SHEET: RP-J-9, RP-J-23, AND RP-J-25.

APPROVED BY FHWA (ALL OTHERS APPROVED BY TDOT)



**CONCRETE PAVEMENT SPALL AND RANDOM CRACK REPAIR DETAILS**