

2025 PAPA/PENNDOT BUS TOUR

BUREAU OF CONSTRUCTION AND MATERIALS BEST PRACTICES & UPDATES



BRENT L. TRIVELPIECE ● ● JULY 30, 2025



Pennsylvania
Department of Transportation

NOTCHED WEDGE JOINT CONSTRUCTION



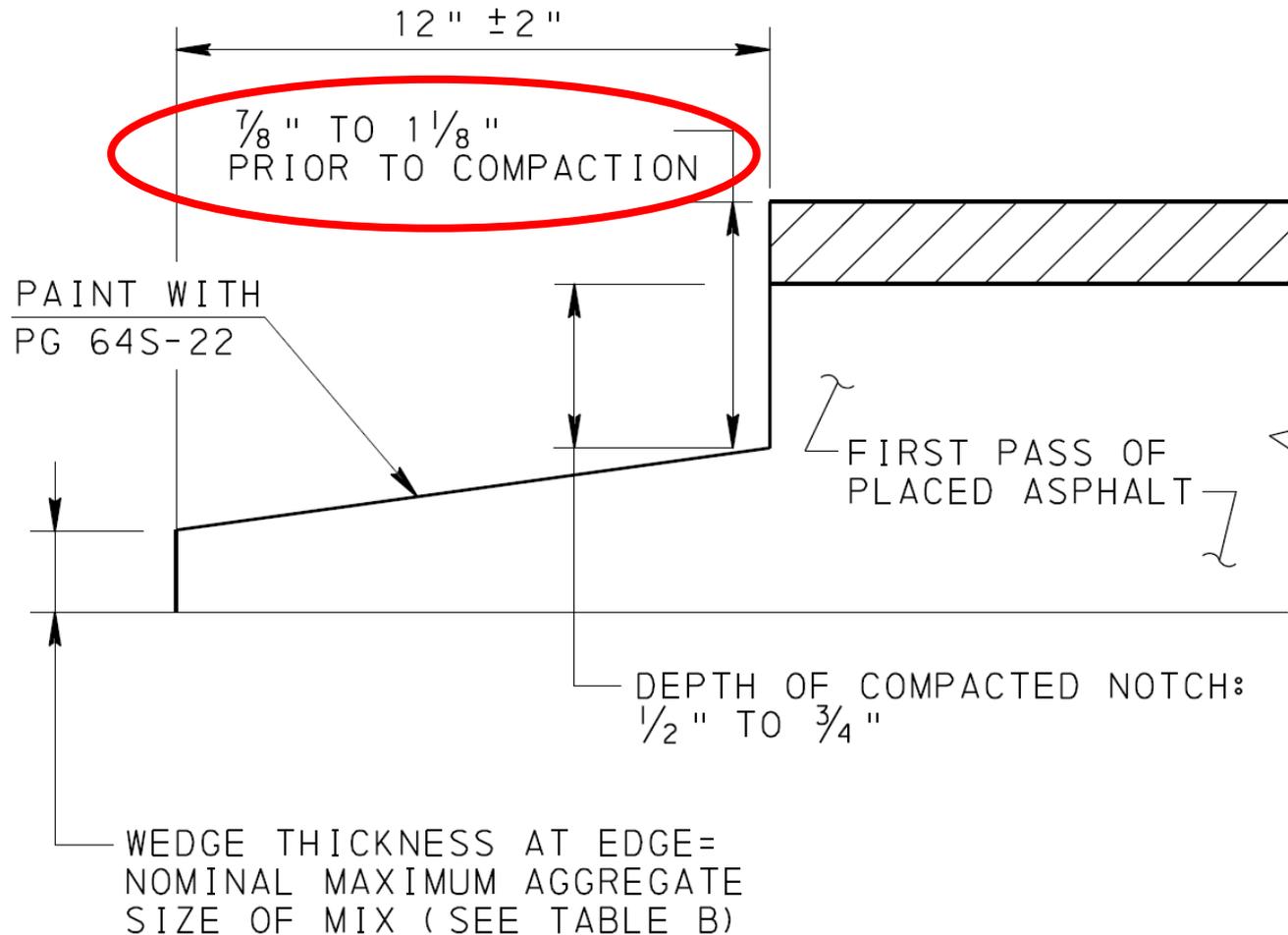
NOTCHED WEDGE JOINT CONSTRUCTION



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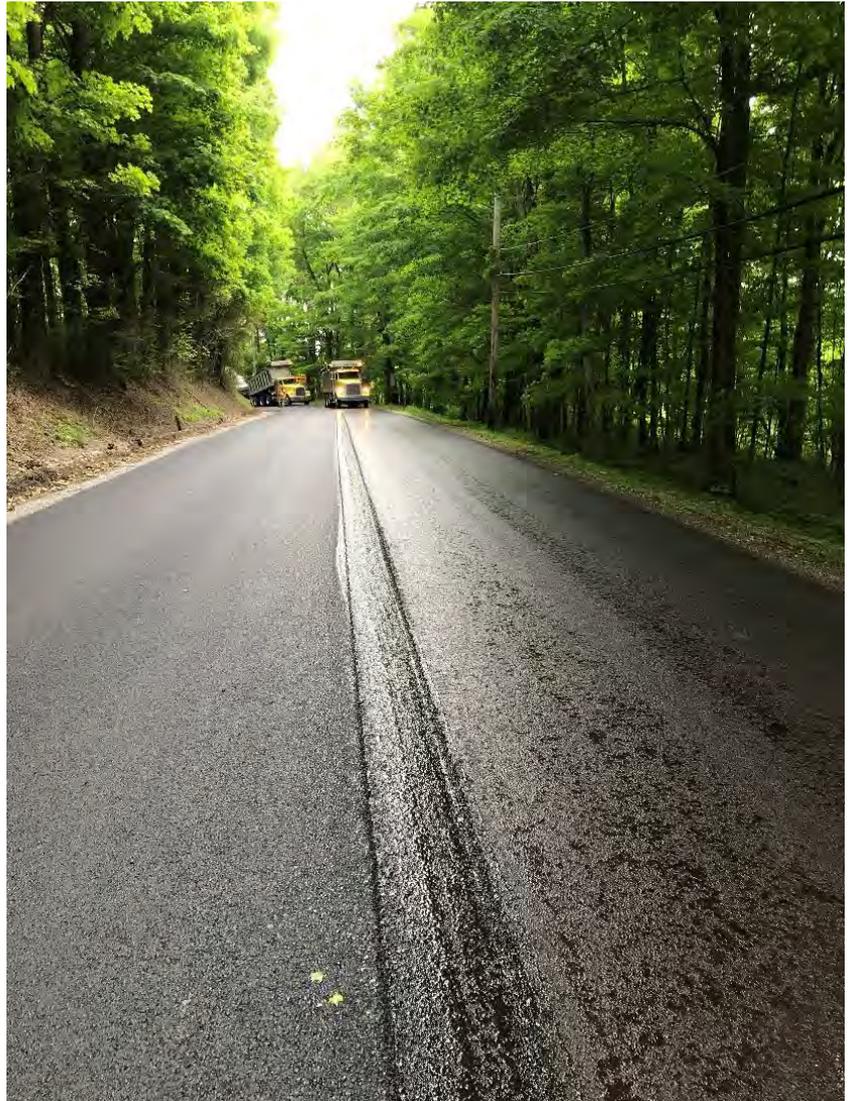


LONGITUDINAL NOTCHED WEDGE JOINT

TRUE LINE WHEN PAVING



TRUE LINE WHEN PAVING



TACK COAT APPLICATION



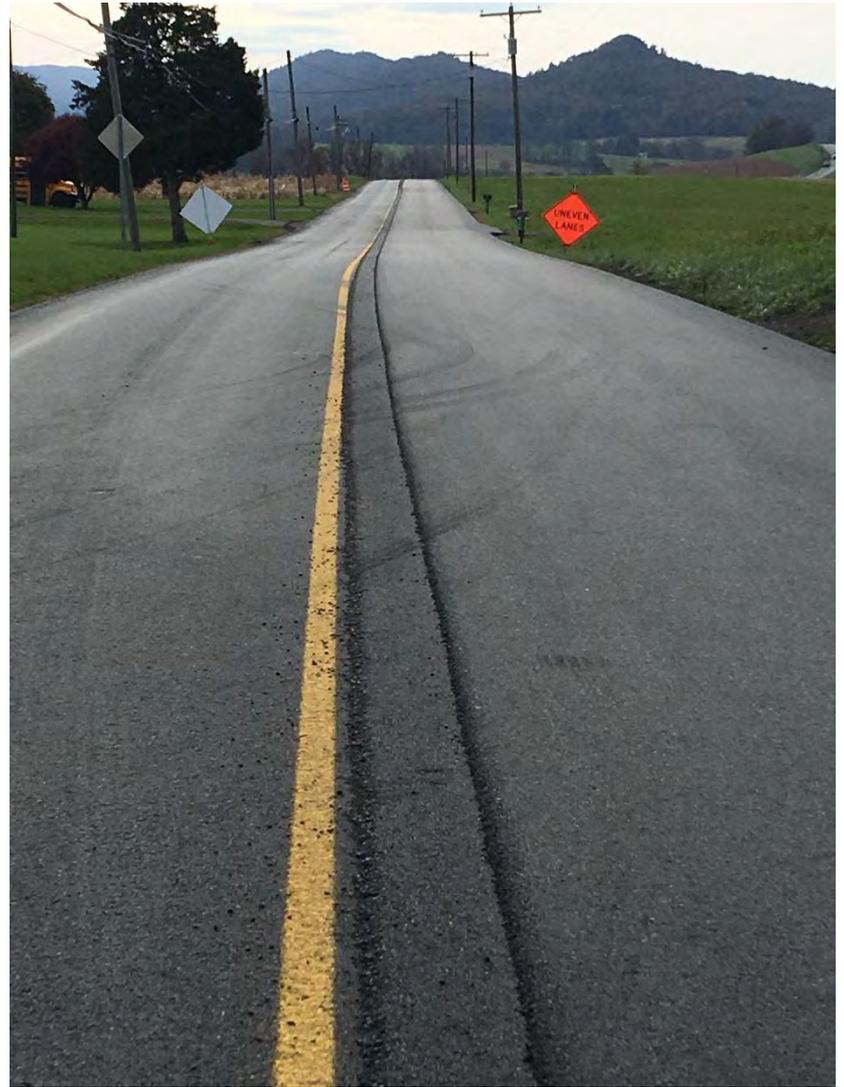
TACK COAT APPLICATION



TACK COAT APPLICATION



TACK COAT BEYOND THE LIMITS OF PAVING



TACK COAT BEYOND THE LIMITS OF PAVING



TUNNEL AND AUGER EXTENSIONS



TUNNEL AND AUGER EXTENSIONS



HOPPER INSERT



TRANSVERSE JOINTS



- 2,514 Asphalt JMFs approved in eCAMMS for 2025
 - 2,266 Asphalt JMFs approved with an EPD
 - 248 Asphalt JMFs approved without an EPD due to an exemption
 - 133 because of a new plant without 12 months of energy data
 - 19 because of a change in fuel source without 12 months of energy data
 - **96 because the JMF won't be used on an ECMS project**
- **Published EPDs in NAPA's Emerald Eco-Label EPD Program**
 - 6,910 published EPDs from 47 states & the District of Columbia (DC)
 - Pennsylvania producers have 3,160 published EPDs: 46%
 - New York producers have 922 published EPDs: 13%
 - Florida producers have 451 published EPDs: 7%
 - Virginia producers have 267 published EPDs: 4%
 - California producers have 249 published EPDs: 3%
 - Remaining 42 states & DC: producers have 1,861 published EPDs: 27%

CLEARANCE TRANSMITTAL (CT) UPDATE

- H-25-017 – Pub 408 Section 404 – Evaluation of Asphalt Pavement Ride Quality and Payment of Incentive
 - Step 2 CT Comments were due on July 23, 2025
 - Revisions modified the payment structure for ride incentive by making it linear approach rather than the previous tiered structure.
- H-25-xxx – Pub 408 Section 413 & POM C/4/8 – Asphalt Temperature Checks & Asphalt Pavement Depth Deficiency
 - **Allowing the use of an infrared temperature device if trucks can't be provided with holes in the truck bed.**
 - Infrared temperature devices will be provided by the contractor.
 - Still working through the verification/calibration of the infrared temperature devices.
 - Tests for Depth in Pub 408 Sections 313 & 413 are being revised to provide clarification on the process that needs to be completed.



PRE-PAVE MEETINGS

- Pub. 408 Section 413.3(a)2, Preplacement Meeting
 - Specifications
 - QC Plan
 - Sequence of Paving
 - Mixture Acceptance
 - Density Acceptance
 - Care & Custody of Acceptance Samples
 - Coming Soon:
 - Asphalt Mixture Temperature Checks
- What you get out of a Preplacement Meeting is what you put into it!!!
- Any specification changes agreed to at the Preplacement Meeting need to be placed into an Authorization for Contract Work!!!



IRI VERIFICATION UPDATE

- 2024 IRI Verifications
 - Performed on six (6) projects
 - One (1) failure
 - **Determination was the contractor's profiler had a hardware issue that was producing incorrect measurements.**
 - **Contractor's profiler certification was suspended & RITU's data was used for payment.**
- 2025 IRI Verifications
 - Eight (8) projects eligible this construction season
 - Performed on two (2) projects
 - One (1) failure
 - Determination was there were a few areas of concern that may have produced invalid results
 - Testing outside the wheel path
 - Difficulty following the same track due to low visibility
 - Decision was to rerun the IRI testing on these pavement sections.



Questions or Comments?

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