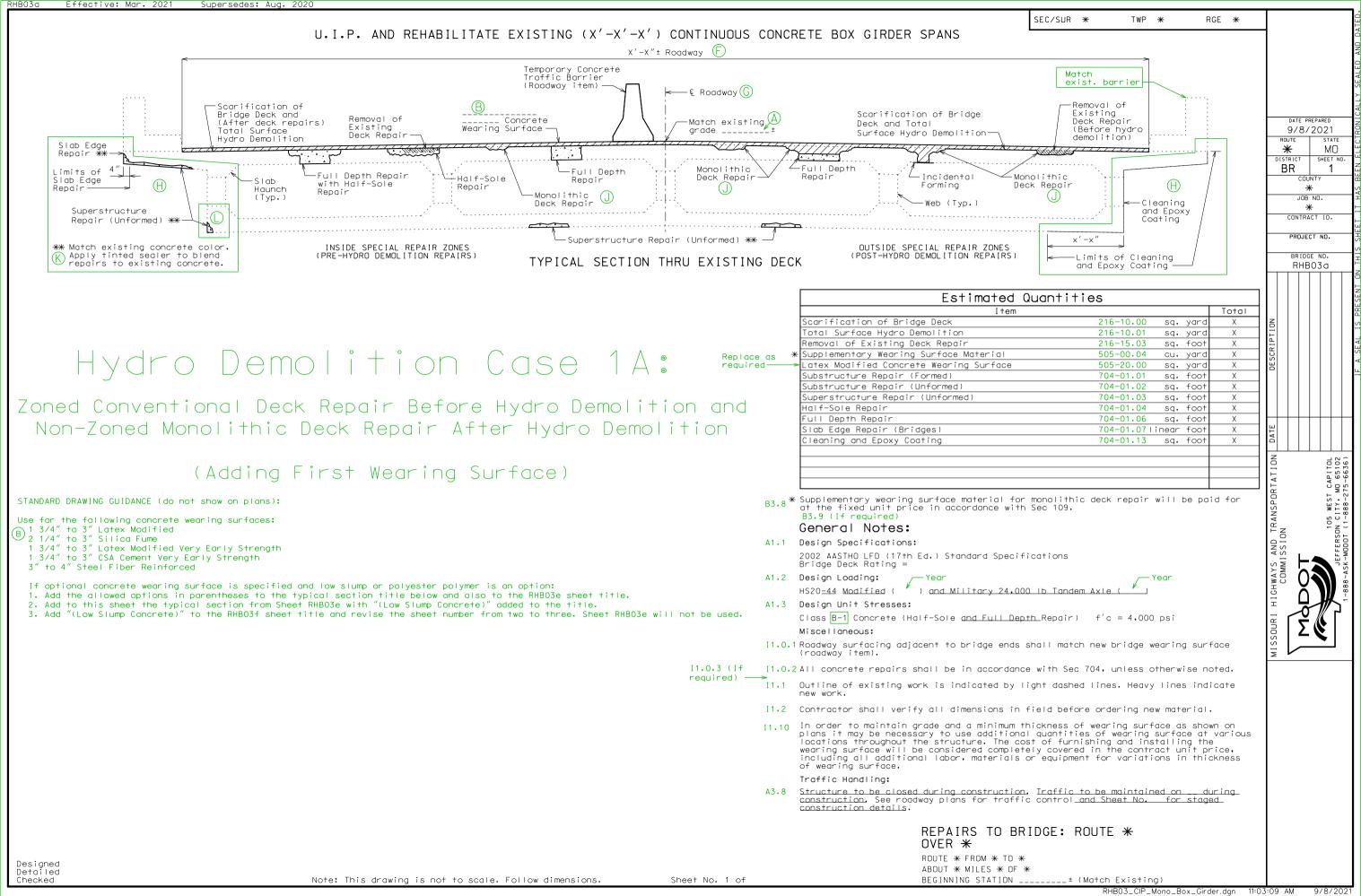
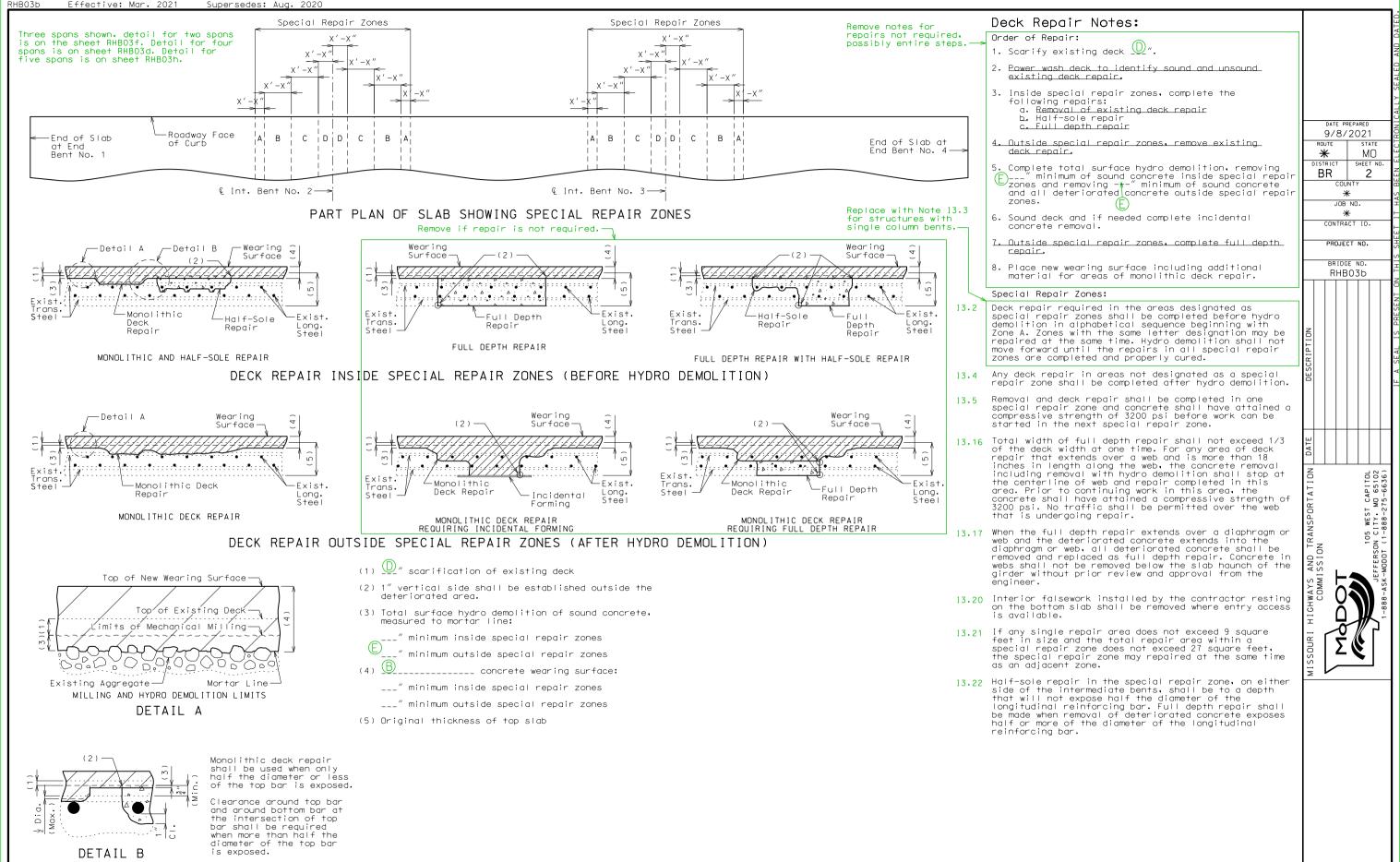
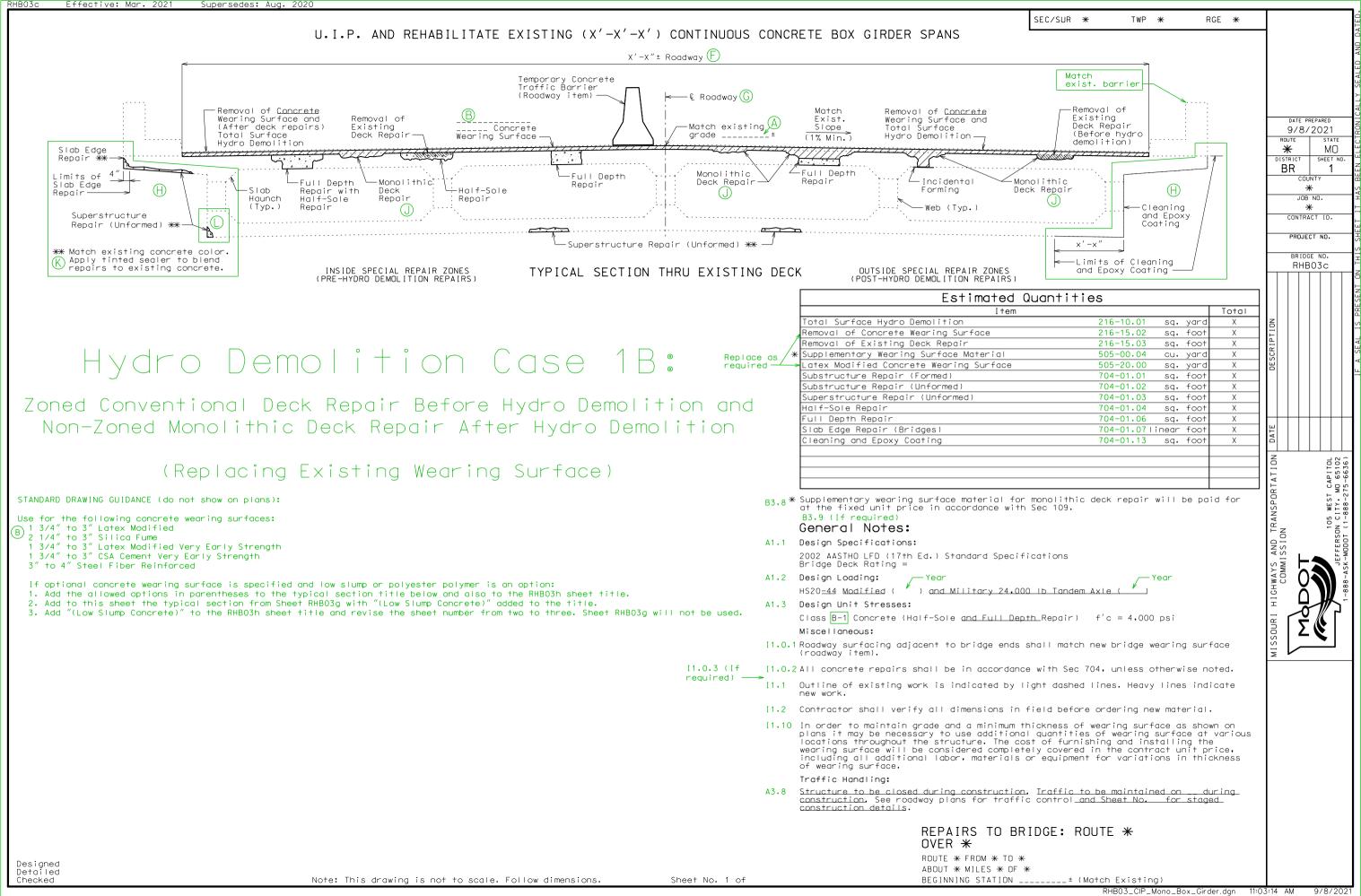
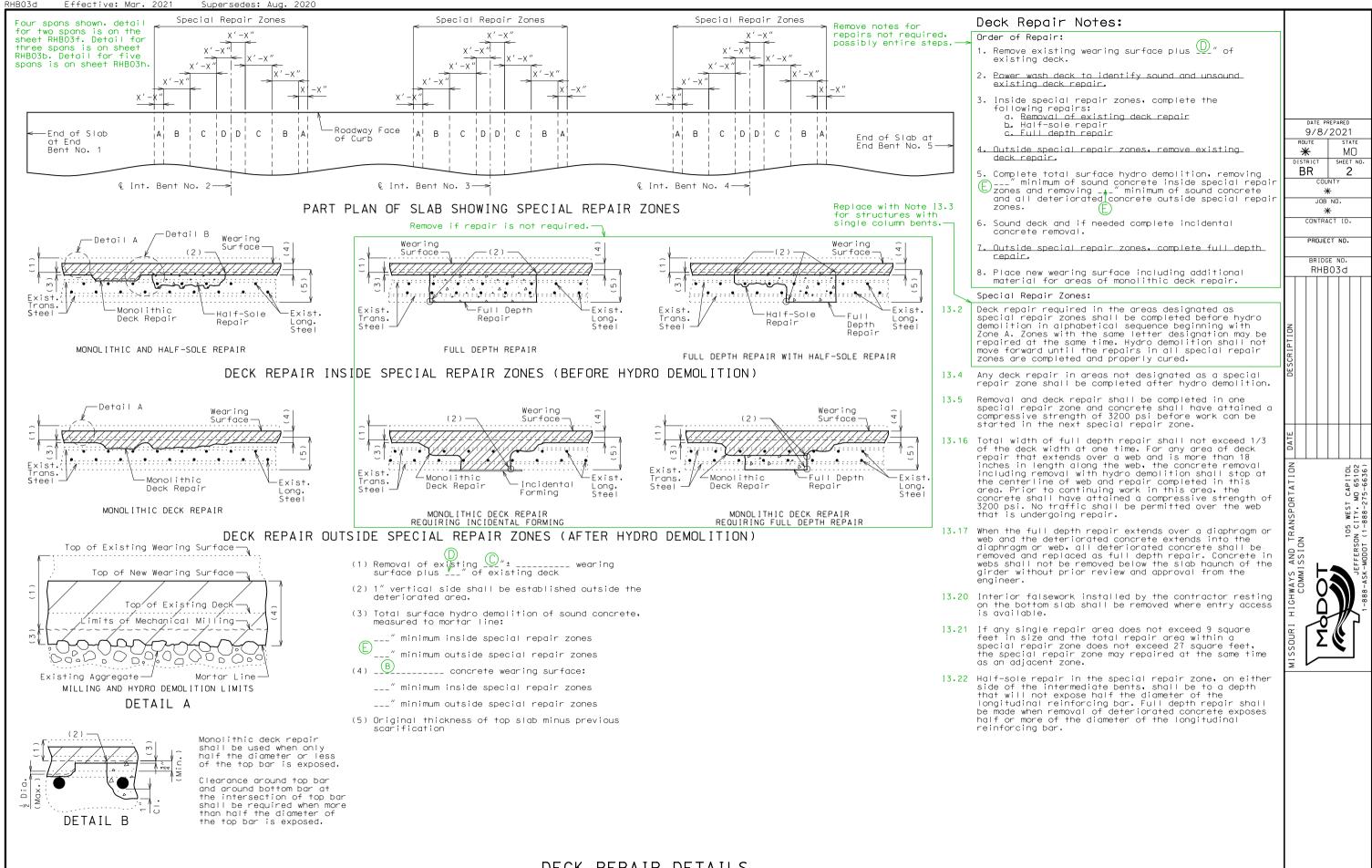
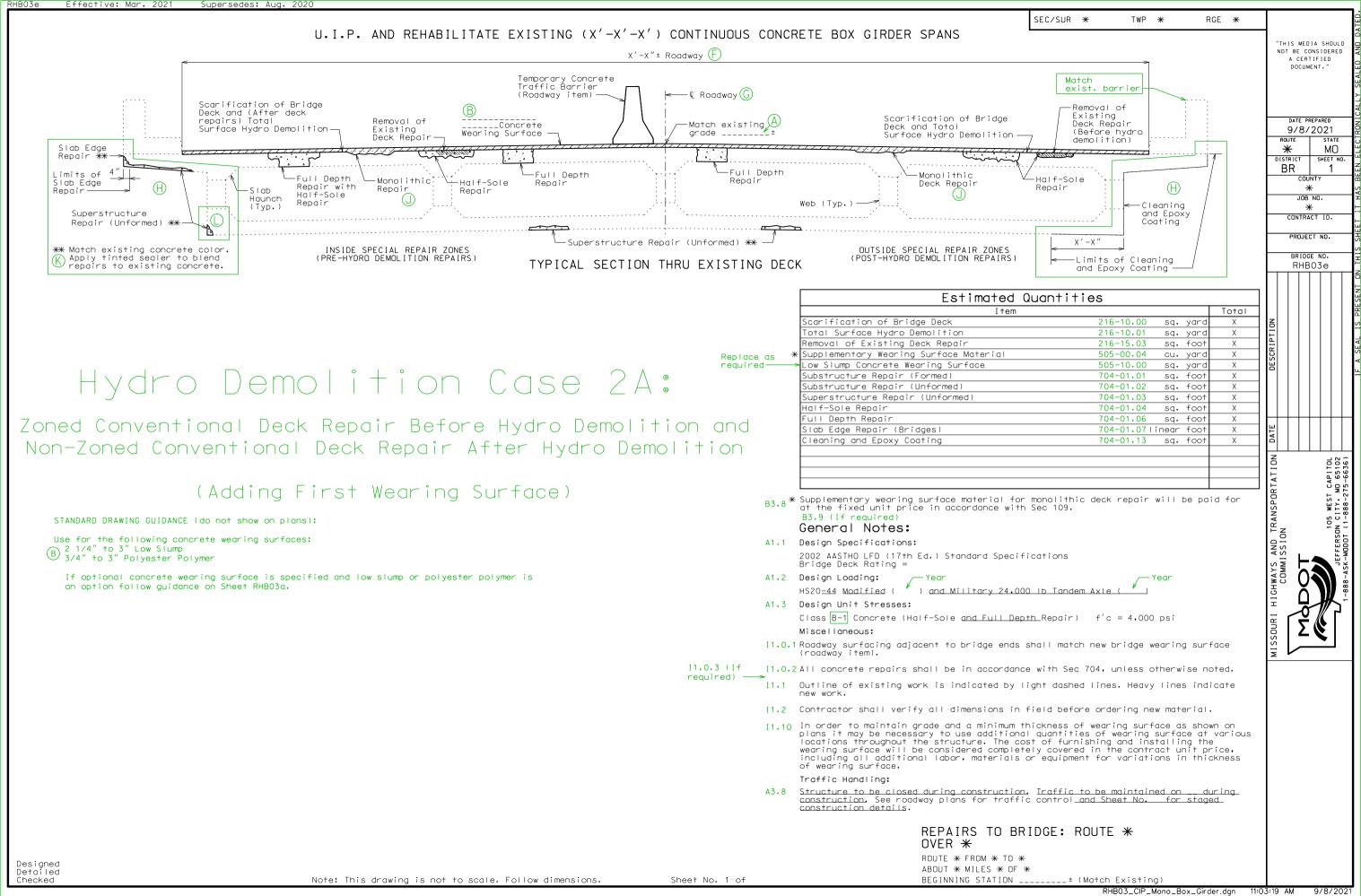
Effective: Mar. Supersedes: Aug. —End of Slab at End Bent Add to front sheet if required. lean and Seal Joint do not show on plans) with Silicone Expansion Joint Sealant Select the appropriate 1st and 2nd sheet. Draw typical section as required and scale to fit within attached border replacing the provided example. Modify other details and notes as required (match orientation of actual reinforcement). Transverse repair zoning over intermediate bents is required for these structures. Longitudinal repair zoning in spans is required only when hydro demolition is required and is based on anticipated quantity of deck repair if not overlayed, confidence of anticipated quantity of deck repair if overlayed, deck rating (e.g. 6 or better may not need zoning), See EPG 751.40 (If only transverse zoning is required, Zones shall be called "Special Repair Zones"). Wearing surface thickness can vary according to grade elevation requirements and minimum barrier curb height requirements. Maximum thickness should be limited to 3" (Ref. Organizational Results Research Report ORO6.004, May 2006). Limit excludes -Fnd of reinforced concrete slab wearing surfaces. Will need to adjust wearing surface thickness when detailing a thin wearing surface (1" or less), but it is a preferred CLEAN AND SEAL JOINT AT END BENTS detailing practice to show a discernable thickness on the plans. No thickness is shown for crack filler application. Right side shown. left side similar. (A) Show difference as plus/minus X" \pm , see Bridge Memo or SPM. e.g. Match existing grade plus $2\frac{1}{4}$ " \pm (B) Identify new wearing surface (See Bridge Memo or SPM). Specify minimum thickness in deck details. Typically 1/4" thicker outside special repair zones for Hydro Case 1 & 2. Roadway Face of Barrier Curb→ $({ t C})$ Identify existing wearing surface and thickness, see Bridge Memo or existing plans. Silicone Expansion Joint (D)See Bridge Memo or SPM, typically 1/2". Use 1" if more than 30% of existing deck needs repair. Verify there will be a Sealant (See Sec 717) minimum of 1/2" of concrete above the top bars after scarification. Top of Existing (E) See Bridge Memo or SPM, typically 1/4" inside special repair zones to avoid deeper penetration into newly repaired areas and 1/2" outside special repair zones. Top of New Approach Slab-Wearing Surface (F)See existing plans. (G)Use appropriate reference (& Structure, & Roadway, & Median, etc.) (H) Two types of overhang rehabilitation are shown. Cleaning and epoxy coating is preferred because of the relative short life of slab edge repair and unformed repair especially when over traffic. However in urban regions repairing the overhang may be preferred. Consult with SPM or SLE. <u>`</u> | * Σ Backer Rod Backer Rod-(1)Scarification prior to adding first wearing surface or removing a portion of the deck when removing an existing wearing surface is not required for seal coat, asphalt, UBAWS, epoxy polymer or MMA polymer slurry wearing surfaces. *** Depth of joint Existing Gap Existing Gap seal to be not (J)Monolithic deck repair should only be allowed Slabe Edge where longitudinal zoning is not required. less than half SECTION A-A SECTION B-B Repair ** of width. (K) May be used for desthetics when there will be an extensive patchwork of repairs visible to the public. Limits of 4" (L) If deterioration is within 4 inches of edge then slab edge Repairrepair may be used instead of unformed superstructure repair. Special Repair Zones X'-X" X ' -X χ'-X" X'-X' Roadway Face -End of Slab В С С В End of Slab at of Curb at End End Bent No. 3-Bent No. 1 € Int. Bent No. 2 PART PLAN OF SLAB SHOWING SPECIAL REPAIR ZONES Special Repair Zones Special Repair Zones Two spans and three spans shown. These details can be used on Sheets RHB03; and RHB03L for conventional deck repair only projects. Roadway Face -Fnd of Slab Α В icto В Δ В clci В Δ End of Slab at End Bent No. 4of Curb at End Bent No. 1 Detach all unused border reference files € Int. Bent No. 2 € Int. Bent No. 3 before requesting PDFs for sign and seal. PART PLAN OF SLAB SHOWING SPECIAL REPAIR ZONES

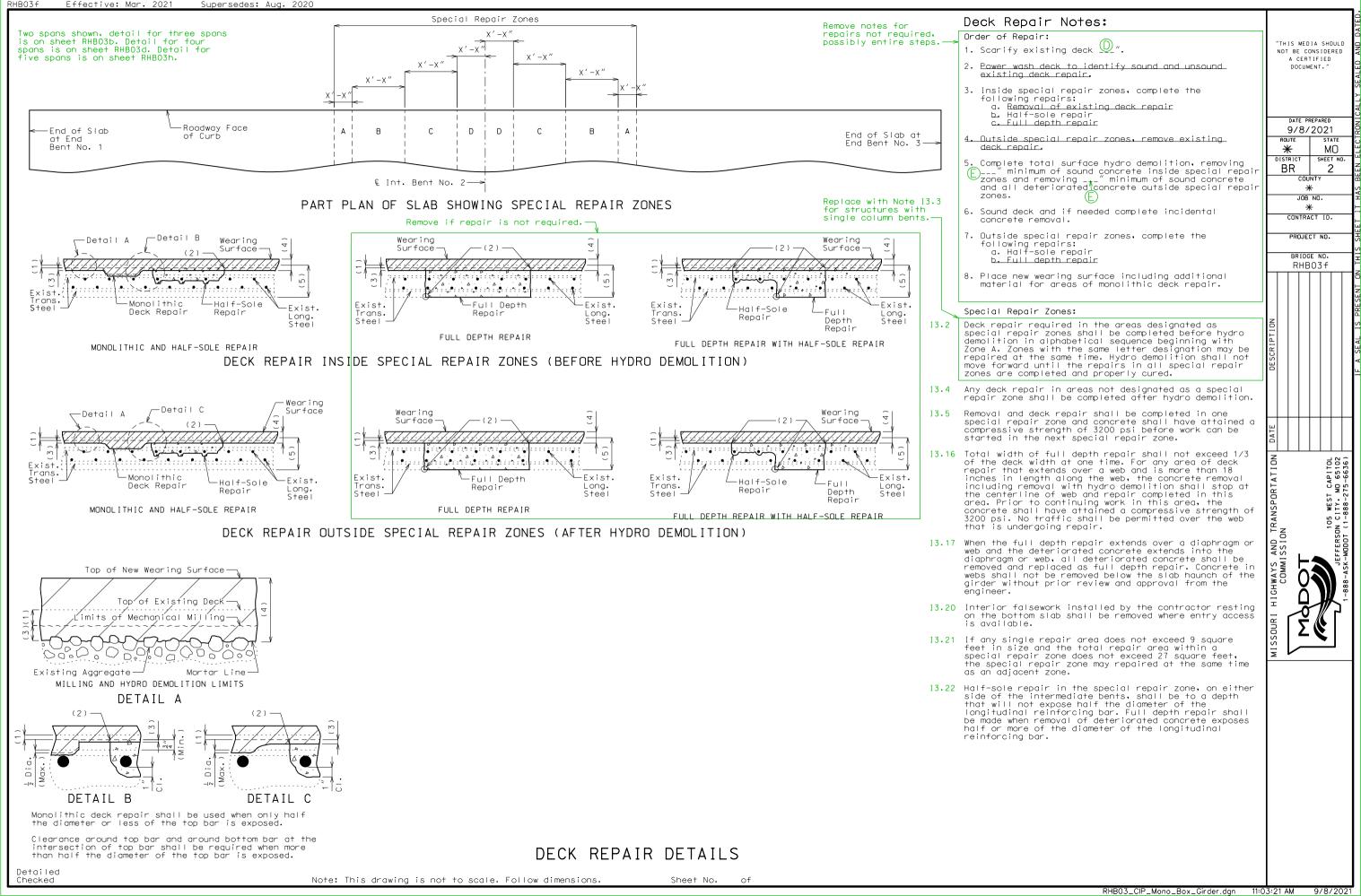


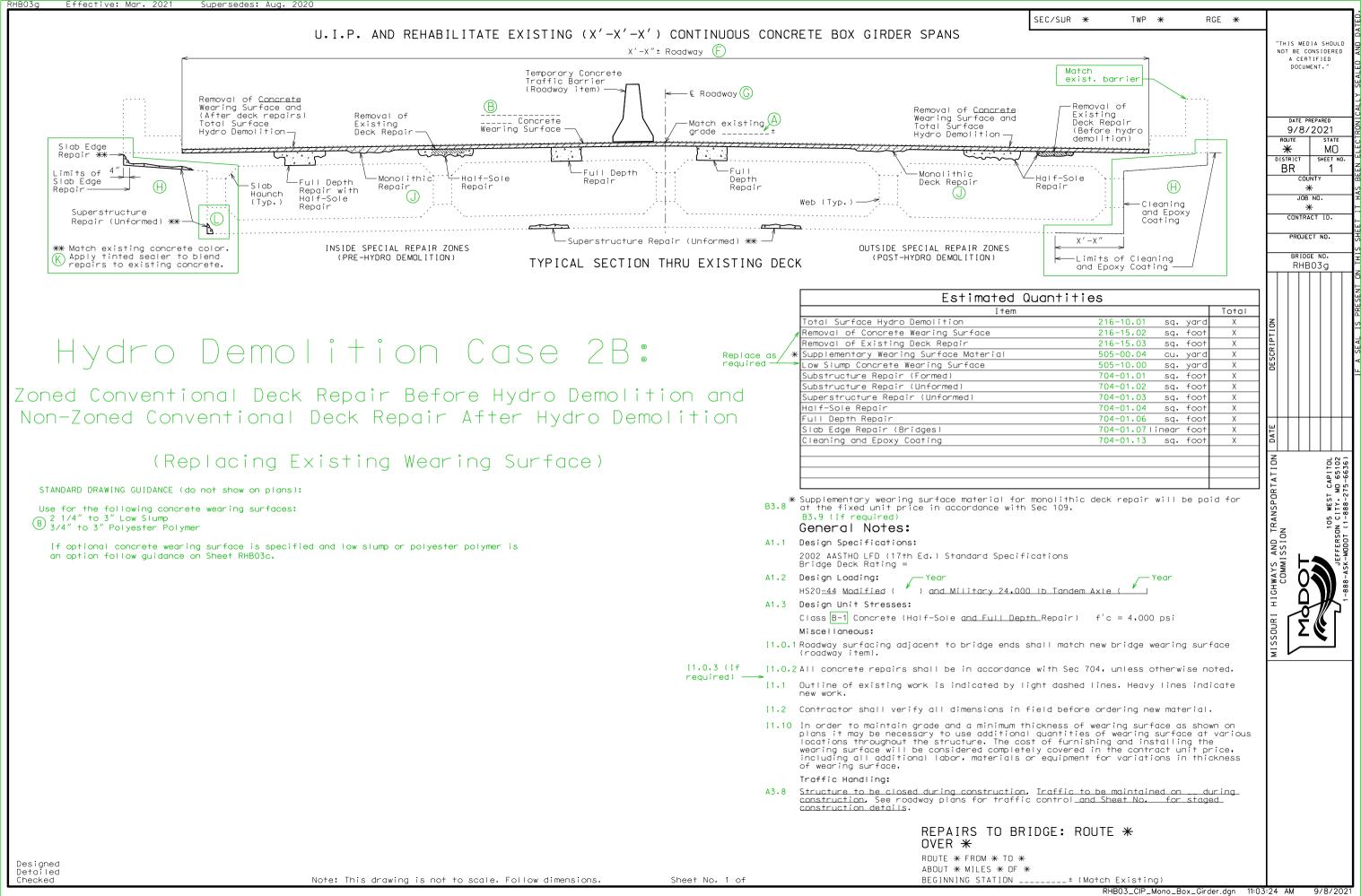


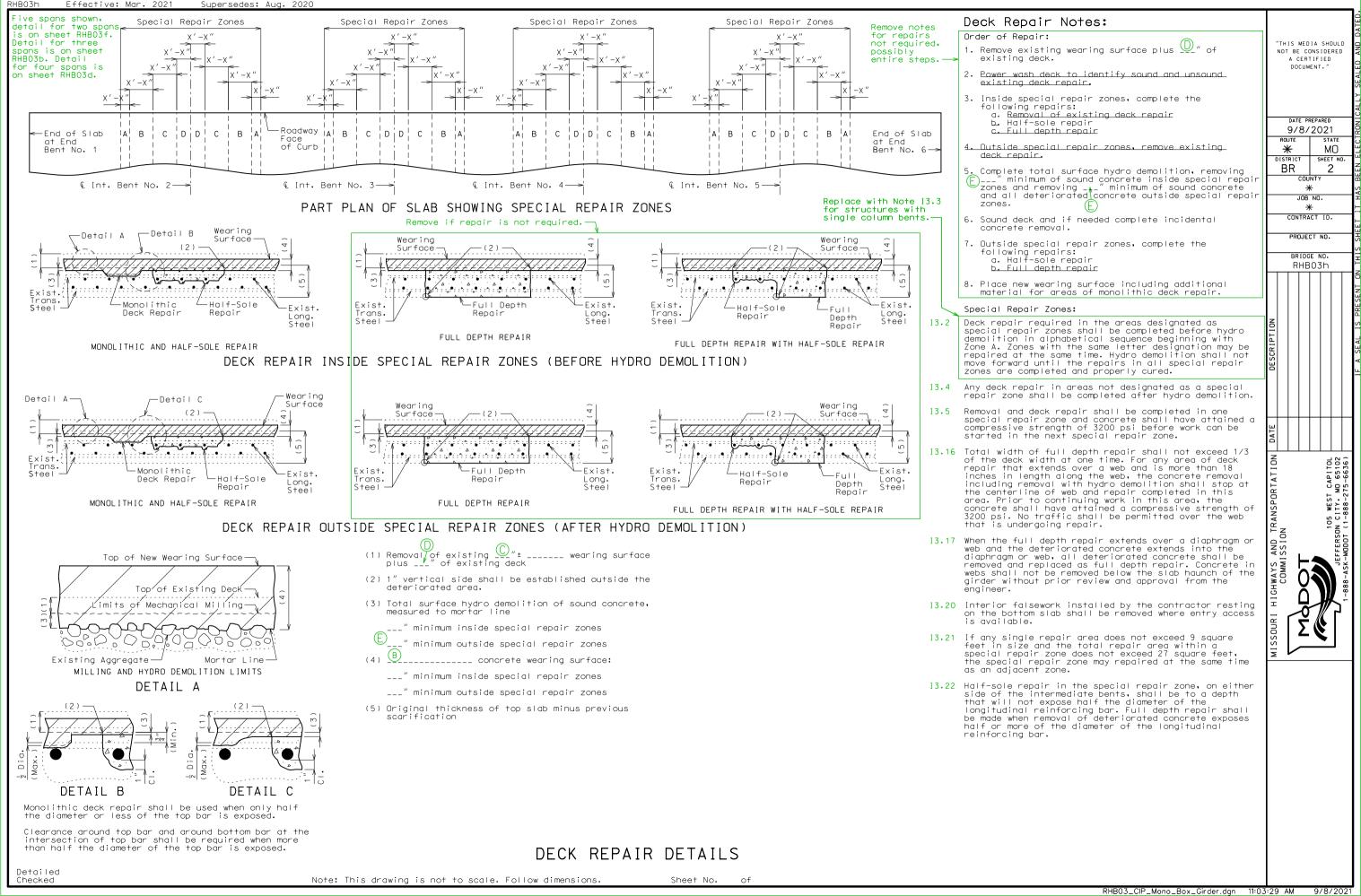


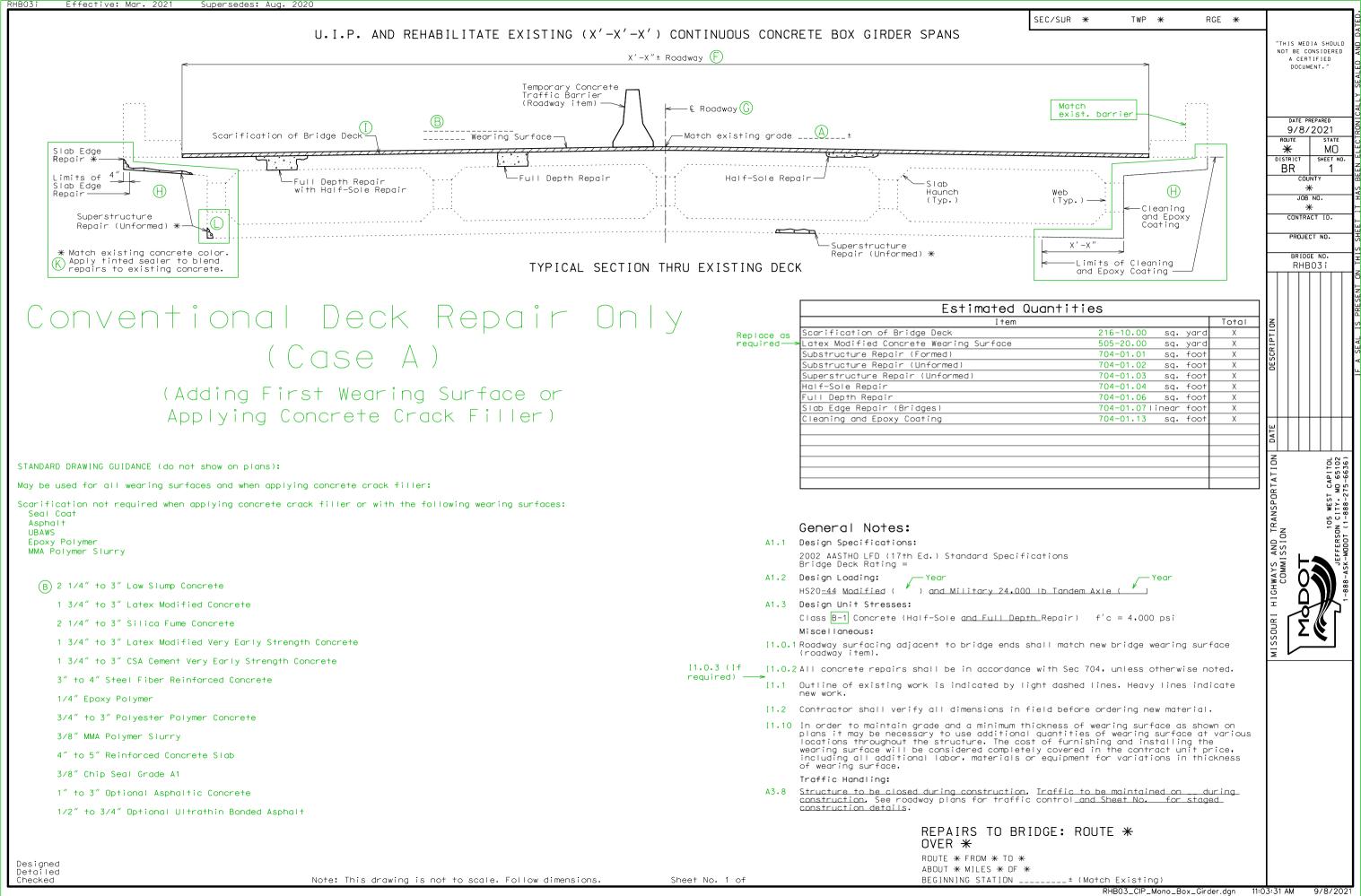


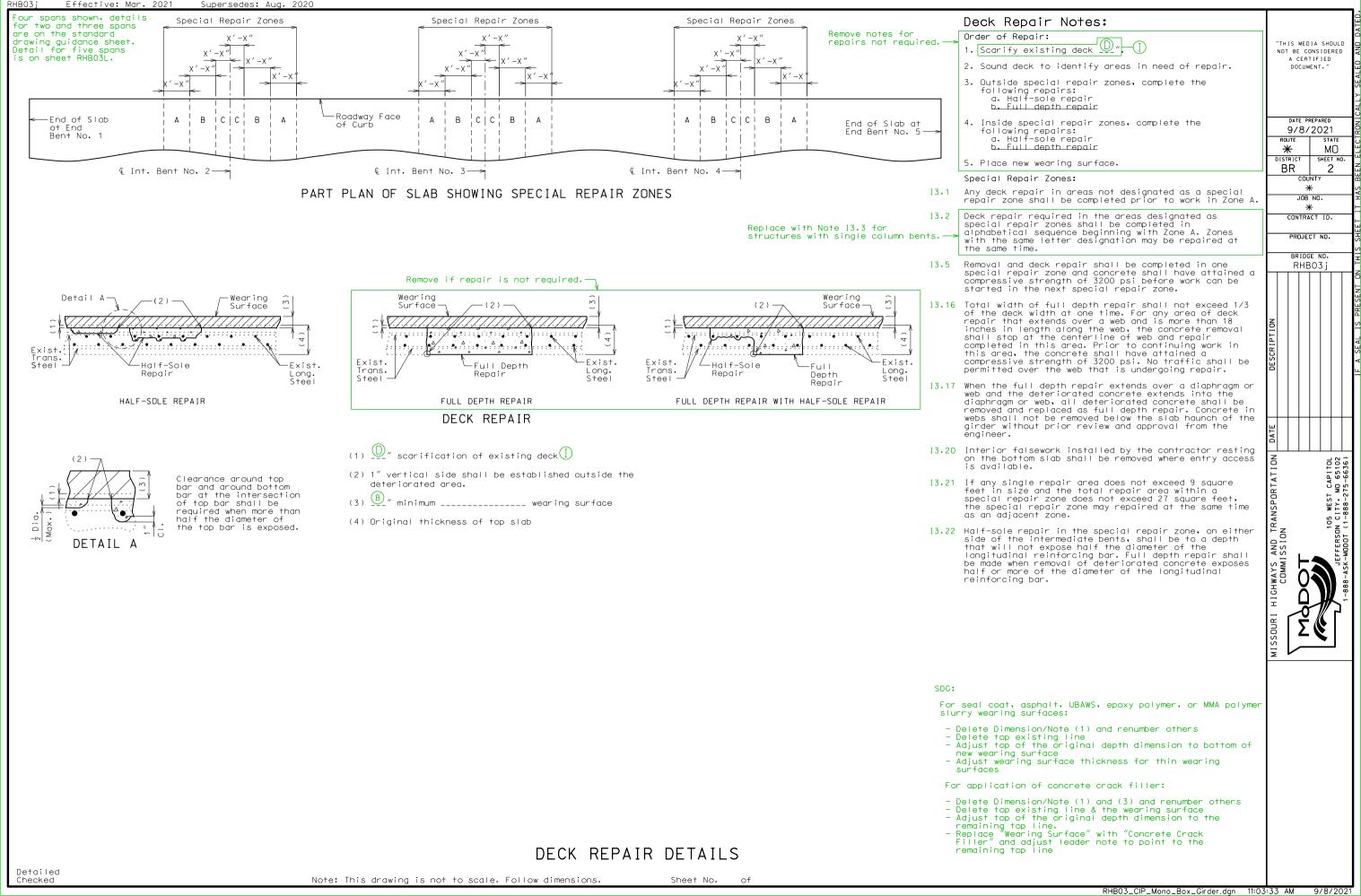


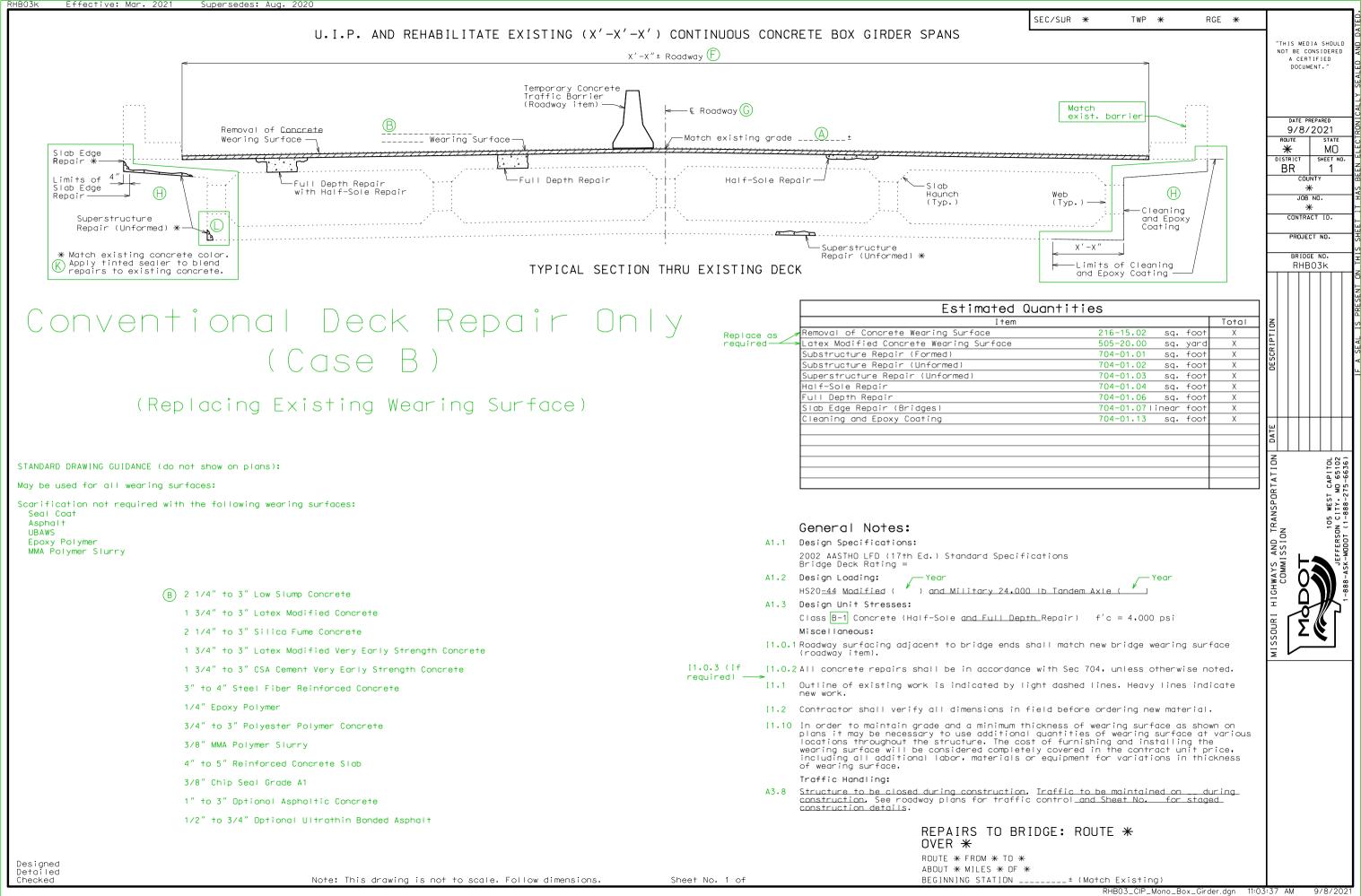


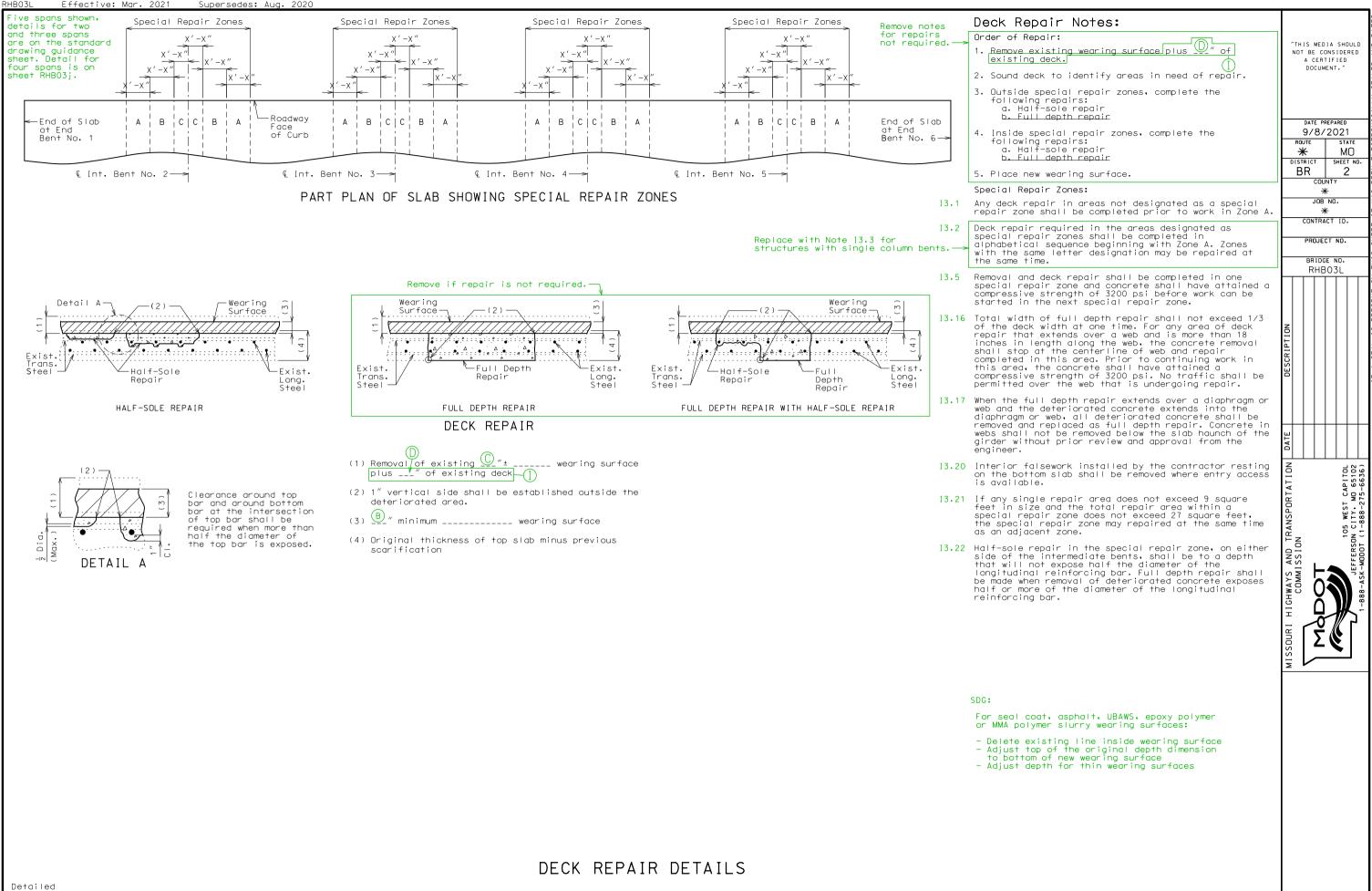












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