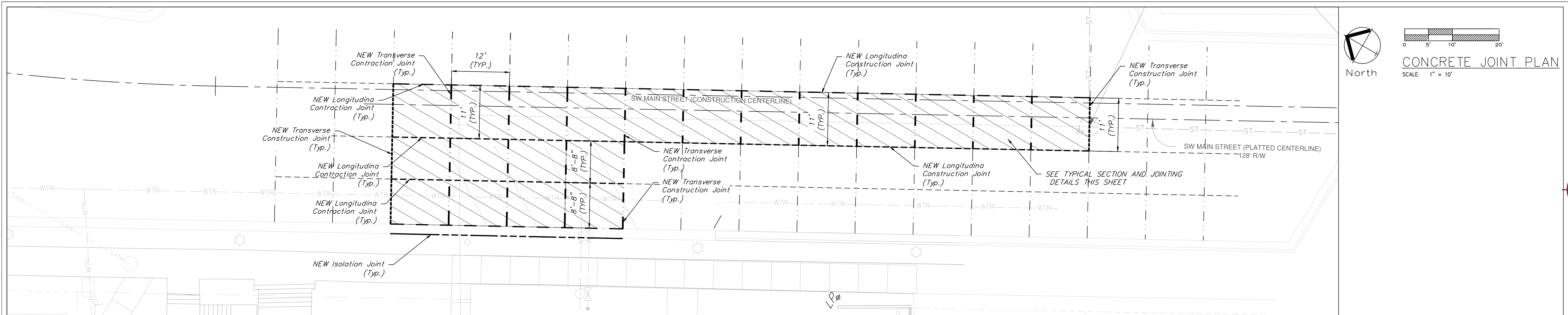
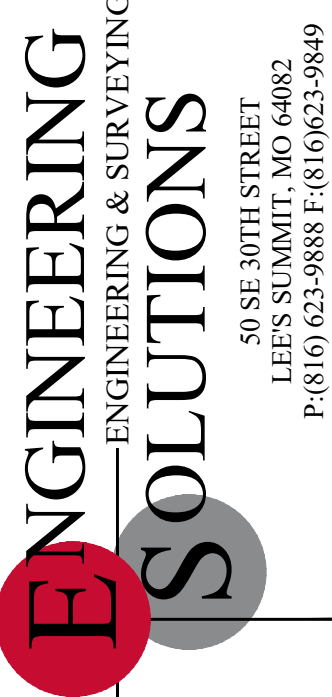


CONCRETE JOINT PLAN

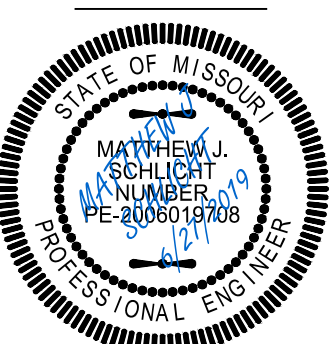


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Nebraska
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Construction Plans for:
Reece Nichols
Lee's Summit, Jackson County, Missouri

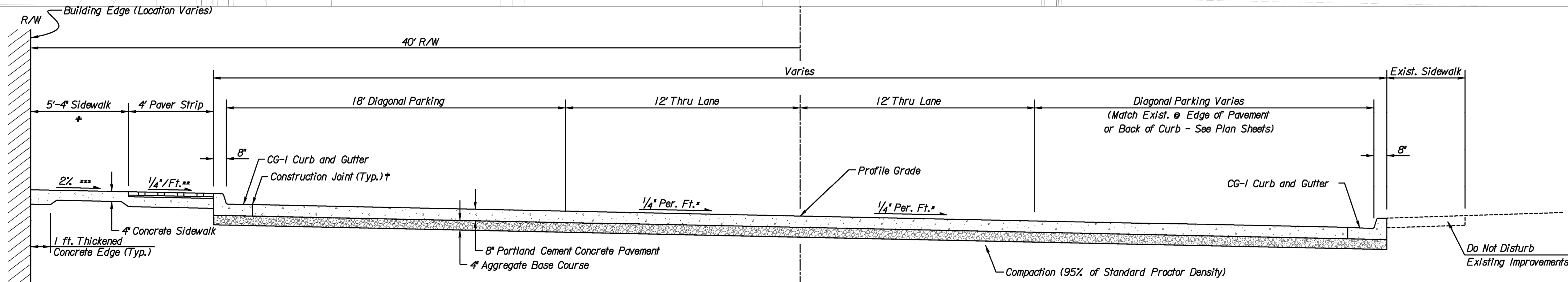
Project AND
NICHOLS, LSWO
Issue Date
January 28, 2019

Concrete Joint Plan
Public Storm Construction Plans for:
Reece Nichols
Lee's Summit, Jackson County, Missouri



Matthew J. Schlicht
MO PE 2006019708
KS PE 19071
OK PE 25226

REVISIONS	
△	Revised 4/2/19
△	Revised 5/8/19
△	Revised 6/6/19
△	Revised 6/20/19
△	Revised 6/27/19



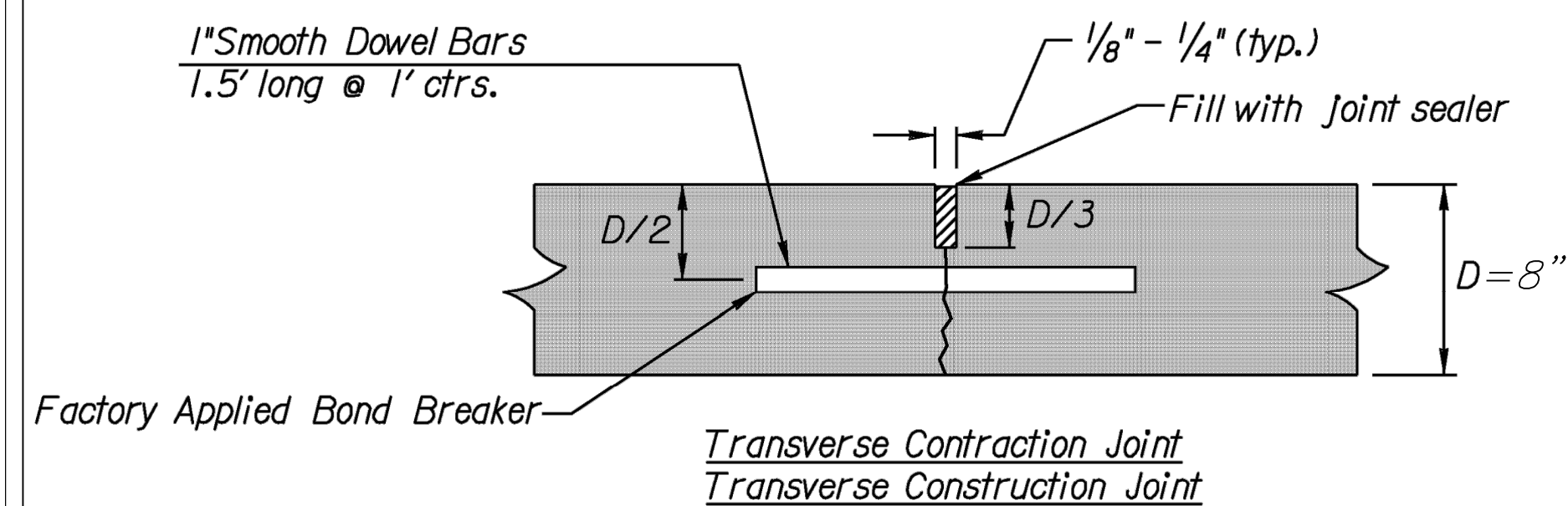
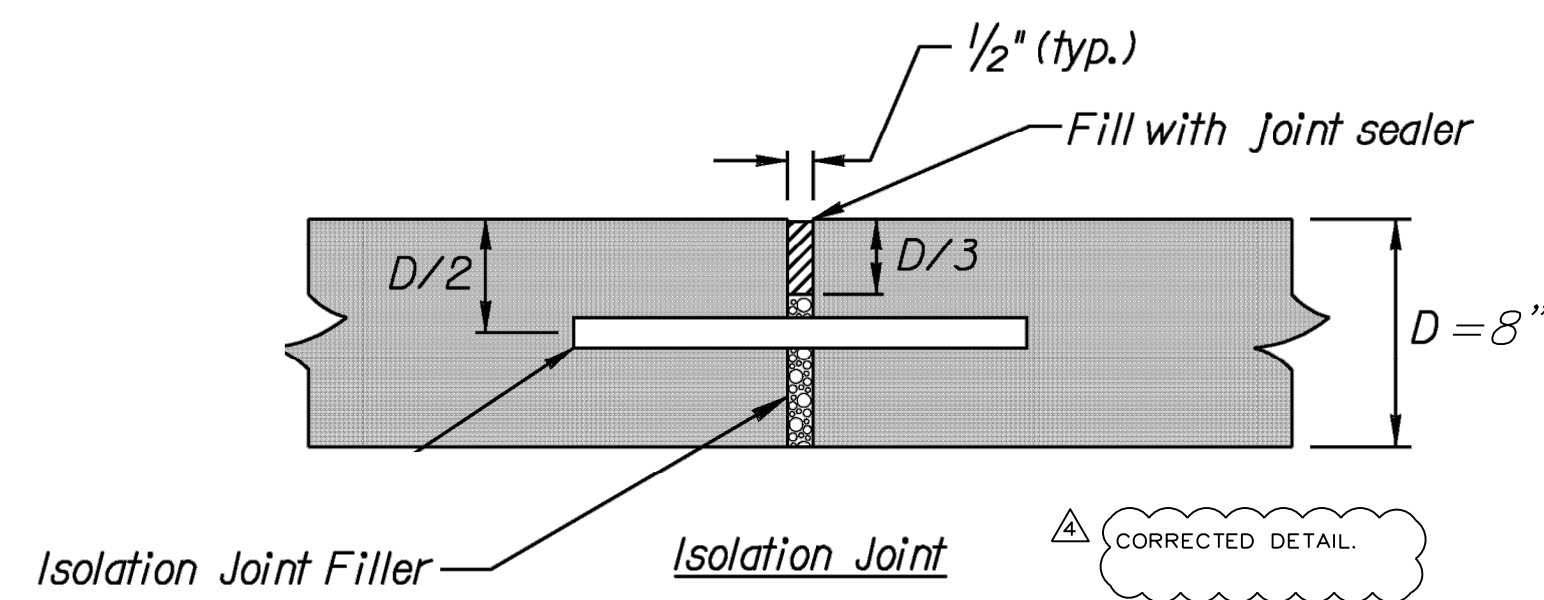
West Main (3rd St. to 2nd St.)

TYPICAL SECTION

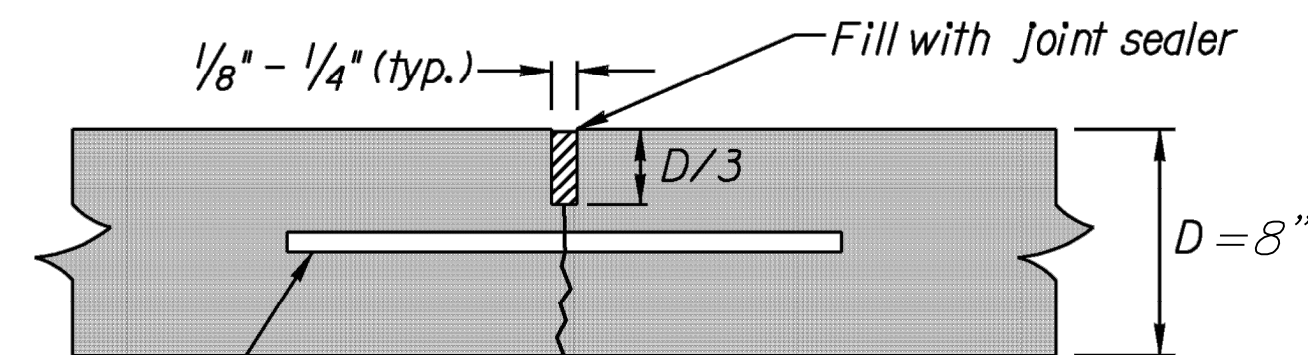


LEGEND:

Transverse Contraction Joint	— · — · — · — · — · — · — · — · — · —
Transverse Construction Joint	— · — · — · — · — · — · — · — · — · —
Longitudinal Contraction Joint	— · — · — · — · — · — · — · — · — · —
Longitudinal Construction Joint	— · — · — · — · — · — · — · — · — · —
Isolation Joint	— · — · — · — · — · — · — · — · — · —



Transverse Contraction Joint
Transverse Construction Joint



Longitudinal Contraction Joint
Longitudinal Construction Joint

GENERAL NOTES:

- Contractor shall submit a final detailed Jointing plan (based upon their Approved Construction Phasing Plan) to the Engineer for Approval at least 30 days prior to placing any concrete pavement.
- All valves, manhole rings, and any other casting that fall within the pavement shall be isolated with 1/2" Ceramar (or Approved Equal).
- Manholes and valves shall be jointed where possible. For manholes and valves that cannot be jointed, #4 deformed bars shall be placed in the slab 6" from the structure on all sides.
- Contractor shall submit a Concrete Paving Plan that includes their Concrete Delivery Plan and Guaranteed Concrete Supply Rate to the Engineer for Approval at least 30 days prior to placing any Concrete Pavement.
- All longitudinal joints shall be tied. Keyways will not be allowed.
- Tie Bars shall be evenly spaced along the length of the slab and no tie bar shall be within 2 ft. of a contraction joint.
- Tie Bars shall be supported in the proper position by chairs driven into the base, or may be placed by approved mechanical methods into the plastic concrete ahead of the finishing screed prior to the final consolidation of the concrete. Tie Bars Shall NOT be inserted by driving (or "poking") them into the finished consolidated concrete.
- All tie bars and dowels shall be epoxy coated.
- Maximum joint spacing for pavement shall be 12 feet. Sidewalk joint spacing shall match sidewalk width but should not exceed 8 feet in any direction.
- Where a joint deadheads into an adjacent slab, a 2 inch hole at the Junction of the joint shall be either preformed or cored (full depth) to prevent reflective cracking. The hole shall be filled 2/3 with foam or some other compressible material and topped off with joint sealant material when sealing the joints.