NEVADA DEPARTMENT OF TRANSPORTATION

SUPPLEMENTAL NOTICE TO CONTRACTORS NO. 5
Contract 3983

Reference is made to Project NHP-0191(104), on US 395 from McCarran to Golden Valley Structure, in Washoe County, upon which bids will be received until 2:00 p.m., PDT, on the 22nd day of June 2023, and opened publicly on that date at the above hour.

Prospective bidders are hereby notified that the bid opening has changed from 2:00 p.m., PDT, on the 22nd day of June 2023 to 2:00 p.m., PDT, on the 13th day of July 2023.

409.03.09 Joints. The final paragraph on page 190 of the Standard Specifications is hereby deleted and the following substituted therefore:

Dowel bars shall conform to one of the following:

1) Solid Dowel Bars. Dowel bars shall be plain, round, smooth, coated bars, free from burrs or other deformations detrimental to free movement of the bars in the concrete. Provide dowel bars of the size and length shown on the plans and with at least one end sawed. Dowel bars shall be Corrosion Resistant Dowel Bars meeting the requirements of AASHTO M254, Type B, except the core material shall be of steel meeting the requirements of AASHTO M31, Grade 300 (40) or Grade 420 (60), or the equivalent, except that the bend test will not be required. The coating material shall meet the coating material requirements of AASHTO M284. Coat the cut ends of the dowel bars. Uniformly apply an approved bond breaker to the coated bar before insertion in the concrete. Use the type of bond breaker as recommended by the coating manufacturer. Submit certified test results showing compliance with all requirements of AASHTO M254 for approval. In particular, see the Pull-Out Test requirement of AASHTO M254. Perform this test on bars to which the proposed bond breaker has been applied. The test report shall identify the type of bond breaker used.

2) Tubular Dowel Bars. Tubular dowel bars constructed of a 1.625” outside diameter by 0.120” wall by 18” long tube made from Grade 60 Carbon Steel Tube, produced to ASTM A513 and with a G90 Galvanizing on both the inside and the outside of the tube. The outside diameter will have an additional 9 to 12 mils of ASTM A934 fusion bonded epoxy coating applied. The tubular dowel shall be plugged on both ends using a snug-fitting insert/plug style cap to prohibit any intrusion of concrete or other materials. The outside diameter of the cap should not exceed the outside diameter of the tube, so as to eliminate the possibility of a joint interlock.

3) Alternative dowel bars. Other dowel bars may be approved by the Engineer upon submission of structural adequacy test results for Pennsylvania Test Method (PTM) 642, showing maximum differential deflection for dynamic and static loading, for both the approach and leave sides of the joint of not more than 0.0075 inches at 1 million cycles, and not greater than a 0.0025 inch increase in differential deflection at 10 million cycles from the corresponding 1 million cycle deflection. The differential deflection is the absolute difference in deflection between the loaded and unloaded sides of the joint. Alternative dowels shall also have equal or better corrosion performance than the solid dowel bars described above.

640.01.01 General. This Subsection of the Special Provisions is hereby deleted.

640.03.02 General. This Subsection of the Special Provisions is hereby deleted.

640.04.01 General. This Subsection of the Special Provisions is hereby deleted.

640.05.01 General. This Subsection of the Special Provisions is hereby deleted.

TRACY LARKIN THOMASON, P.E., DIRECTOR
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THE END