Add the following Section:

SECTION 1150
JOINTS IN ASPHALT CONCRETE PAVEMENT

1150-1 DESCRIPTION: These items consist of sawing and sealing longitudinal and transverse joints in asphaltic concrete overlay and sawcuts in asphaltic concrete lifts in accordance with plan details and the following requirements.

1150-2 CONSTRUCTION:

Sawcuts shall be made in the overlay at the locations of all transverse and longitudinal joints in the concrete pavement, the existing joint between concrete pavement and asphaltic concrete shoulder and the existing joint between the concrete pavement and concrete shoulder. Before the overlay operation is started, the Contractor shall accurately mark the location of each transverse joint in the existing concrete pavement and shoulder to the satisfaction of the Engineer by placing a hub with a tack even with the ground at each edge of shoulder or by other approved methods. Offsets shall be measured from these hubs and tacks to locate the longitudinal joints.

All asphaltic concrete lifts shall be sawcut a minimum of 1/8-inch wide by 1-inch deep over the existing longitudinal and transverse concrete pavement joints. These saw cuts shall be made after the overlay has thoroughly cooled and shall be completed within 3 calendar days after each lift is placed, before any reflective cracking has developed or other courses placed.

Both longitudinal and transverse joint reservoirs in the final wearing course shall be sawed to the dimensions shown on the plans. Sawing shall not begin until the overlay has thoroughly cooled. Joint faces shall be blown free of sawing slurry, dirt and water by compressed air just prior to resealing. The air compressor shall be equipped with an approved oil and water trap. The joint shall be dry before sealing. Joints which have become contaminated or dirty before sealing shall be recleaned as directed by the Engineer.

The longitudinal and transverse joints shall be sealed with a hot poured joint sealant conforming to Subsection 1007-2a in accordance with plan details and the manufacturer's recommendations. The sealing operation shall be done as soon as possible after the sawing and cleaning and before traffic, including construction traffic, is allowed on the overlay. The sealed joints shall remain closed to traffic until, in the Engineer's opinion, the sealant has satisfactorily cured to tack free. The hot poured sealant shall be sampled as directed by the Project Engineer.

1150-3 MEASUREMENT: Measurement of sawing and sealing longitudinal and transverse joints in asphaltic concrete pavement will be made by the linear foot along the sealant reservoirs in the final wearing course.

Measurement of sawcuts in asphaltic concrete lifts will be made by the linear foot along the sawcuts in each lift.

1150-4 PAYMENT: Sawing and sealing longitudinal and transverse joints in asphaltic concrete overlay will be paid for at the contract unit price, which includes locating and marking the joints, sawing the sealant reservoirs in the final wearing course, cleaning the sawed sealant reservoirs, bond breaker tape in the transverse joints, joint sealant, and all labor, equipment and incidentals necessary to complete these items. Sawcuts in the asphaltic concrete lifts will be paid for at the contract unit price which includes locating the joints in each lift of asphaltic concrete, sawcuts in each lift of asphaltic concrete and all labor, equipment and incidentals necessary to complete this item.

1150-5 PAY ITEMS:

Item No.	Item	Unit
1150100	Sawing and Sealing Joints in Asphalt Concrete Overlay	Linear Foot
1150200	Sawing and Sealing Longitudinal Joints in Asphalt Concrete Overlay	Linear Foot
1150300	Sawing and Sealing Transverse Joints in Asphalt Concrete Overlay	Linear Foot
1150400	Sawcuts in Asphalt Concrete Lifts	Linear Foot