NOTES

Dowel bar splicer assembly shall be an approved type and shall develop in tension at least 1.25 times the yield strength of the spliced reinforcement bars. Dowel bar spacers shall be of minimum 0.6 in. yield strength and have tensile strength equal to or greater than that of the spliced reinforcement bars. Dowel bar spacers shall meet the deformation requirements for standard ASTM deformed reinforcement bars.

For dowel bar spacers, all reinforcement bars shall be lapped and tied to the spliced bars.

Splicer coupler assembly shall be of at least one coat, in accordance with the requirements for reinforcement bars.

Other systems of similar design may be submitted to the engineer for approval, provided they comply with the requirements for reinforcement bars.

Steel splicer (coupler) assembly shall be of minimum 60 ksi yield strength, and have tensile strength area equal or greater than that of the lapped reinforcement bars.

Dowel bar spacers shall meet the deformation requirements for standard ASTM deformed reinforcement bars.

Notes for reinforcement bars.

CONCRETE UNDER BAR

Coupler manufacturer recommendations. Pay based on bars as detailed.

Bar length computed to the lower joint and shall be modified if needed to bar coupler manufacturer recommendations. Pay based on bars as detailed.

Dowel bar splicer lap lengths

Lap length

Stage construction

Stage 2 construction

Installation and setting methods

Assembly by means of a template bolt.

Assembly by welding to wood forms or cementing to steel forms.

Bar splicer (coupler) details at stage construction

Bureau of Structures

Approved: Scot Becker

Date: 7-08

Standard 4011