Evaluation Method for Shear Strength of RC Pile Foundation Footing with Small Shear Span Ratio			
Shuntaro TODOROKI	Toshiya TADOKORO	Yukihiro TANIMURA	Yoshinori SHINDO
The authors investigate the shear failure properties of pile foundation footings with a small shear span ratio of			
1.0 or less and an equation	to calculate the effective width	n used for shear strength evaluat	ion. The result showed
that the shear strength incre	eases with a smaller shear span	ratio even when the shear span	ratio is less than 1.0. In
contrast, when using the	conventional equation to calc	ulate the shear strength in desi	gn, the shear strength
calculated tends to be smaller as the shear span ratio is smaller, when the shear span ratio is approximately 1.0 or			

less. To solve this problem, we have proposed an equation to calculate the effective width used for shear strength

evaluation so that the shear strength is not calculated too small even if the shear span ratio is smaller.