$2w \int_{-b}$ $\mathbb{P}(-w \le \eta_1 \le w \mid p_y)$ d

β, δ to find.

David k	Ben l (Lag)	
$p_{I0}(t)$	$\mathbb{P}(\bar{Z}_2 \mid Z_1)$	} Strictly a function of t; this is ignored by Ben
$p_{0I}(t)$	$\mathbb{P}(Z_2 \mid \bar{Z}_1)$	
μ_1	K	
μ_2	$\tau - K$	
$\mu_1 + \mu_2 = \tau$	τ	✓
W	w	
$b \sigma T$	$b - w$ buffer beyond w.	
ϕ	$\mathbb{P}(Z_j) = \frac{w}{b}$	

$p_j(c) = \mathbb{P}(\text{det by camera 2} \mid \text{state} = c)$ [Ben has This = 1]