$$[(g_1',h_1'),\ldots,(g_{n-1}',h_{n-1}')] \quad (g_n',h_n') \quad \text{Hybrid headers} \quad \text{SE}_{k1}(\text{Data})$$

$$AE_{pk}(k1) \quad ((k(w-1))-1) \text{ random encryptions}$$

$$AE = \text{Asymmetric Encryption} \quad \text{SE} = \text{Symmetric Encryption}$$

$$pk = \text{data encryption public key} \quad k\# = \text{ephemeral symmetric keys}$$