I assume you're talking about cases where you might want to do cross-contract calls between rollups, rather than simply minting and locking operations, right? What would be required on the DA layers' side to enable X-RU atomicity?

Can you still have have X-RU atomicity implemented on the L2s/settlement rollups (eg between to L3s) or [shared sequencers](#)? The idea of the [zk settlement proposal](#) is that if you achieve L1 base layer functionality escape velocity, you can do anything you want on the layers above.