

Session 6.3.2 Maryland Federated Centerline Data Synchronization Project – State and County’s Joint Venture

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Maryland SHA is actively involved in Statewide Cooperative Centerline project to integrate road centerlines between counties and the state. The Shared Centerline Program allows local governments to provide centerline and address information, while SHA provides roadway distance measurements, linear referencing, quality control, and data validation. Although neither entity actually edits the other’s data, the project allows better exchange of information about the roadway system, gives each entity a common model when referring to the system, and provides opportunities for more efficient collection of information about roadway assets. SHA is working with counties to demonstrate the capability to synchronize databases with the latest ArcSDE 9.2 technology across distributed networks. Counties maintain their own data but publish changes to a statewide database that is kept up-to-date. This effort represents a significant contribution to the Maryland Emergency Geographic Information Network (MEGIN) vision of cross-jurisdictional collaboration and results in additional data for homeland security purpose.