

Maryland Statewide Centerline Process



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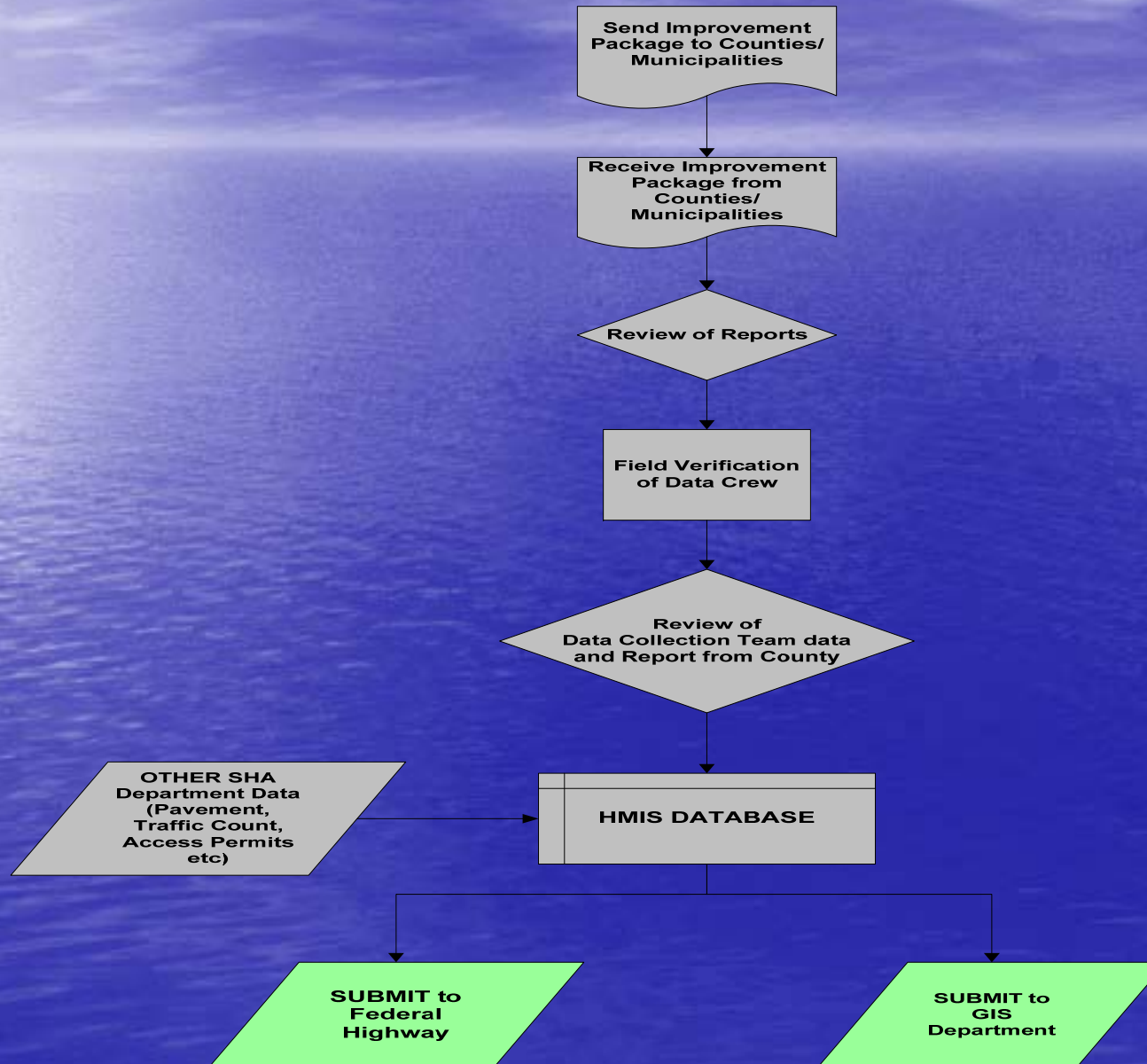
Inventory Process

- **23 Counties and 145 Municipalities report Road Improvements to SHA**
- **Road Improvements Package sent to Counties (September)**
- **County returns Improvements Package to SHA (December 1st)**
- **SHA verifies improvements and consolidates into Improvement Log to be inventoried (Nov – Jan)**

Inventory Process (cont.)

- Improvements are field verified by SHA (Nov – March)
- SHA Technicians process improvements from field checks and prepare for HPMS submission to Federal Highway Administration (June)

IMPROVEMENT PROCESS



Inventory Process Goals

- Process **Must** be complete by May of each year for Federal Highway submission
- Process **Must** be certifiable
- Process **Must** contain signature
- Process **Must** produce existing format report that fits within HMIS submittal

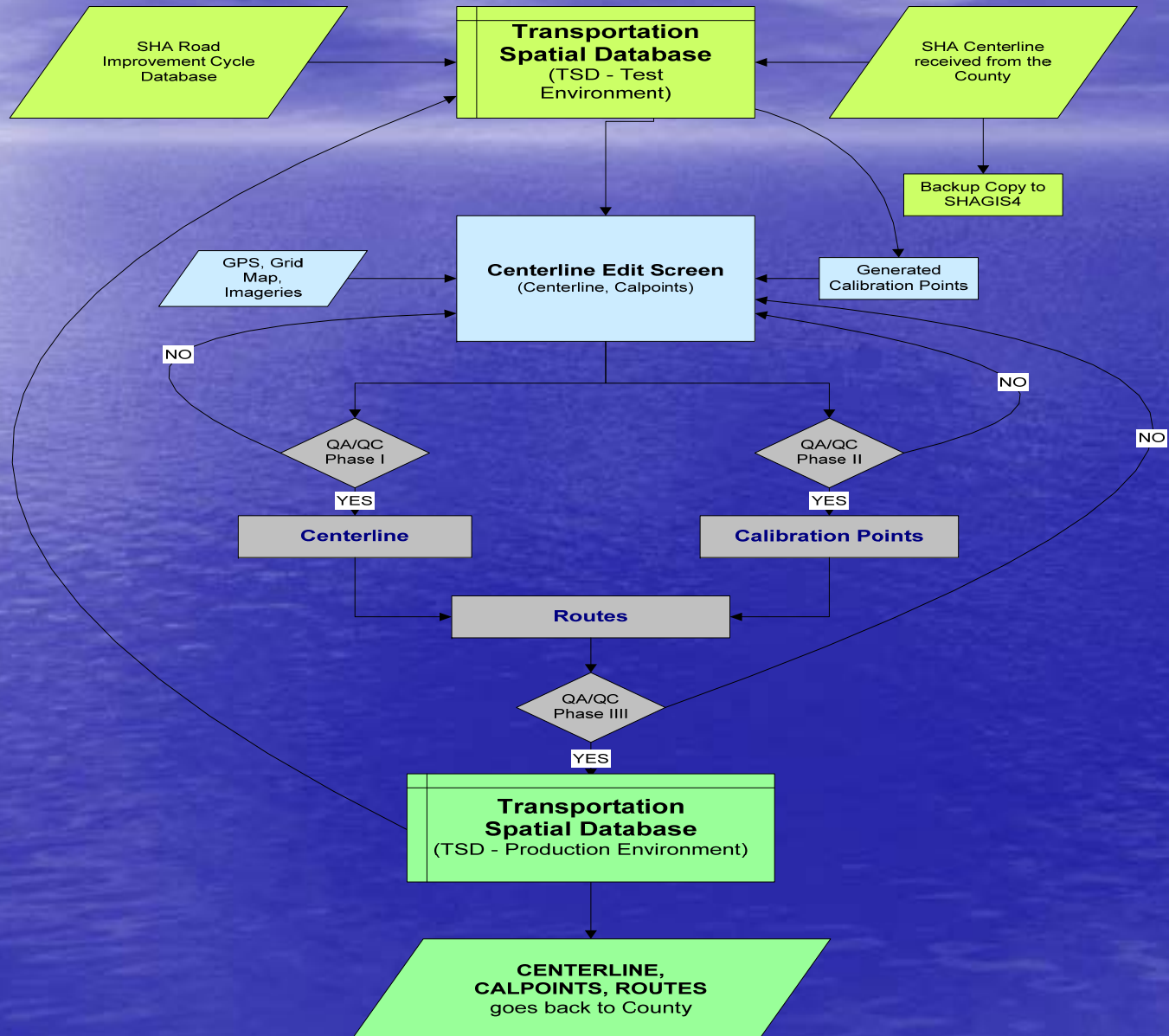
Centerline Process

- This process begins where Inventory process finishes
- Inventory database contains all attributes for centerline
 - Route information
 - Measurements
- SHA has recently entered into agreements with counties on exchanging centerline
- Round one of process complete moving into update cycle

Centerline Process

- Data received from County
- Data processed
 - GPS, Imagery, old centerline
 - HMIS
 - County centerline
- Create centerline, Calibration points and Routes
- Send data to mapping, Web apps, ...
- Send data back to county

CENTERLINE PROCESS



Maryland's Centerlines

- Currently there are two update processes within SHA and Counties
- SHA/local centerline for HPMS – cartographic product
- Centerline with *local* addresses – used for geocoding and address matching, seldom displayed

Centerline Process Goals Expanding 2011

- Single Centerline for the State – SHA mission
- Meet all needs – US DOT, MD, locals, E911, etc
- Update within same yearly cycle as Inventory
- Strengthen partnerships with county & municipal
- Share data with counties
- Add best available local addresses (multiples)
- Make routable

Partnerships – Paramount

- Avoid duplication, leverage resources, mutual benefits (intra- and inter-state)
- Meet early and often
- Check agendas & attitudes at the door
- All partners at the table
- Identify common and unique needs
- Address “What’s in it for me?”
- May mean doing more for “the good of the order”

Git R Done!

- US DOT & State DOT's responsible for national centerline
- Speed essential for rolling out product
- Speed of government mandates rapid deployment
- Days not weeks, weeks not months
- Release early and often
- "Don't let perfection be the enemy of the good"

GIO's Office and MDOT

- All modes reaching out to GIO
- MDOT Homeland Security Office
- MDOT & MEMA EOC
- SHA leading CCTV integration efforts
- MSP Statewide CAD – consumes centerline

Thank You

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