



*IntelliDrive*SM

Program Overview

(The IntelliDrive System)

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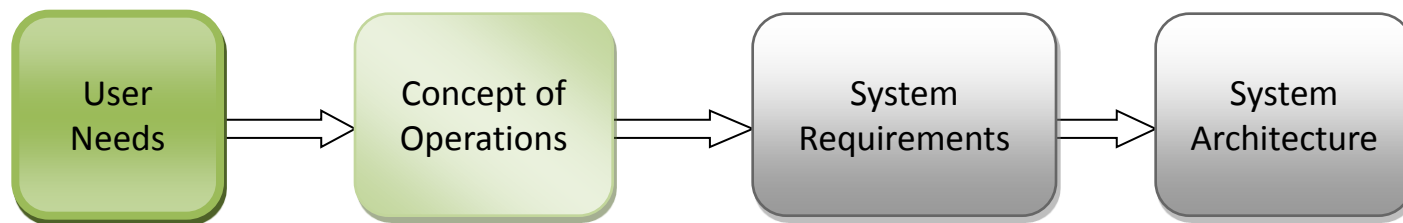
“EVER”

The USDOT’s contribution to “Ever” – the next 10 years of ITS.

- One of the main areas of research in the ITS Joint Program Office is the IntelliDrive Project.
- IntelliDrive is
 - A suite of technologies and applications with wireless connectivity.
 - It will include all types of vehicles and fleets, infrastructure and wireless consumer devices, including the after-market.
 - A variety of communication media are being considered with safety applications V2V and V2I enabled using 5.9GHz DSRC.
- IntelliDrive will include applications that improve transportation safety and mobility while lessening its impact on the environment.
- The core of the IntelliDrive Concept is a system of communication technologies.

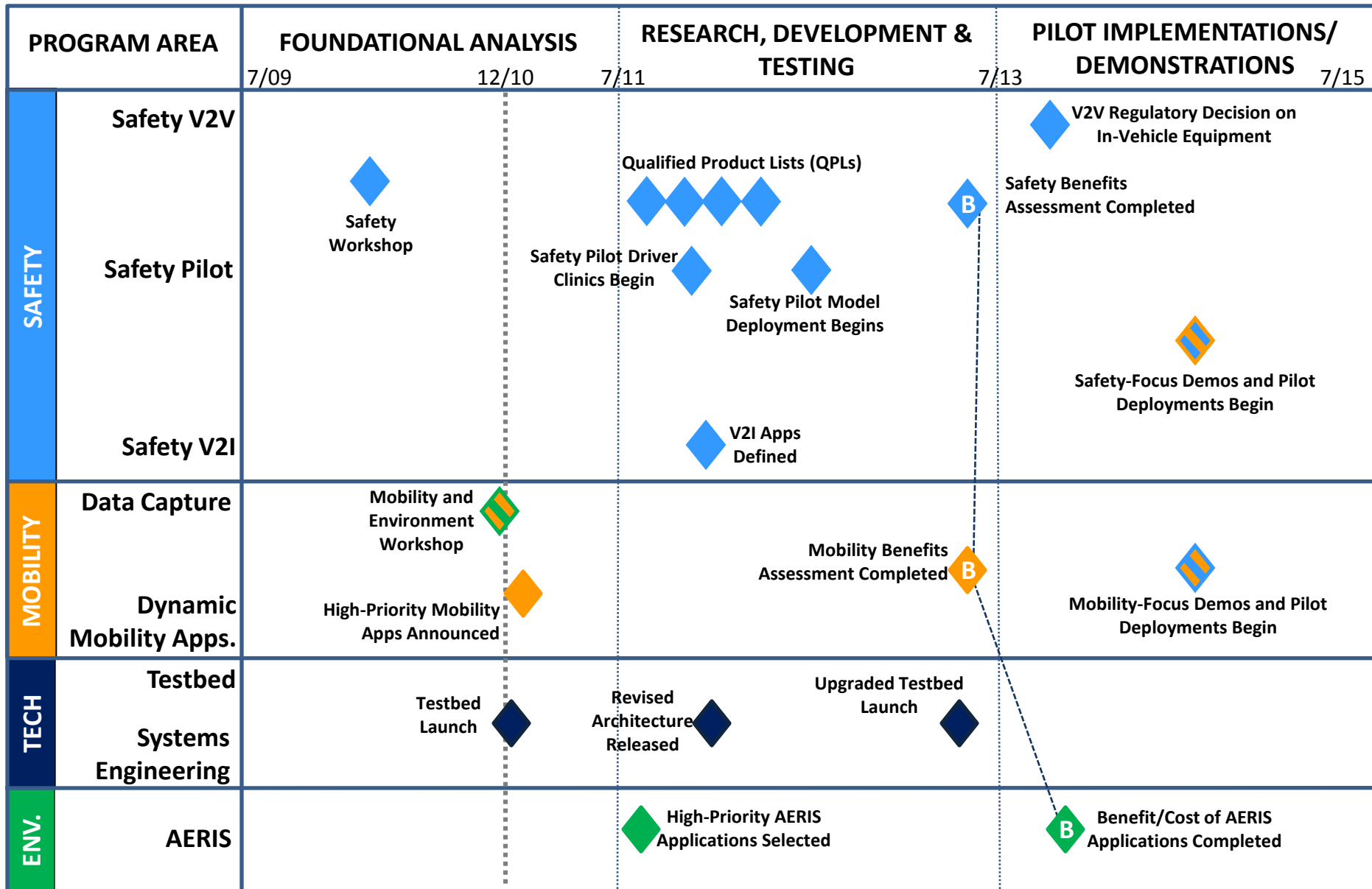
IntelliDrive System and Test Beds

- The IntelliDrive Core System is the collection of technologies that enable IntelliDrive applications.
- We are updating the IntelliDrive Core System description.

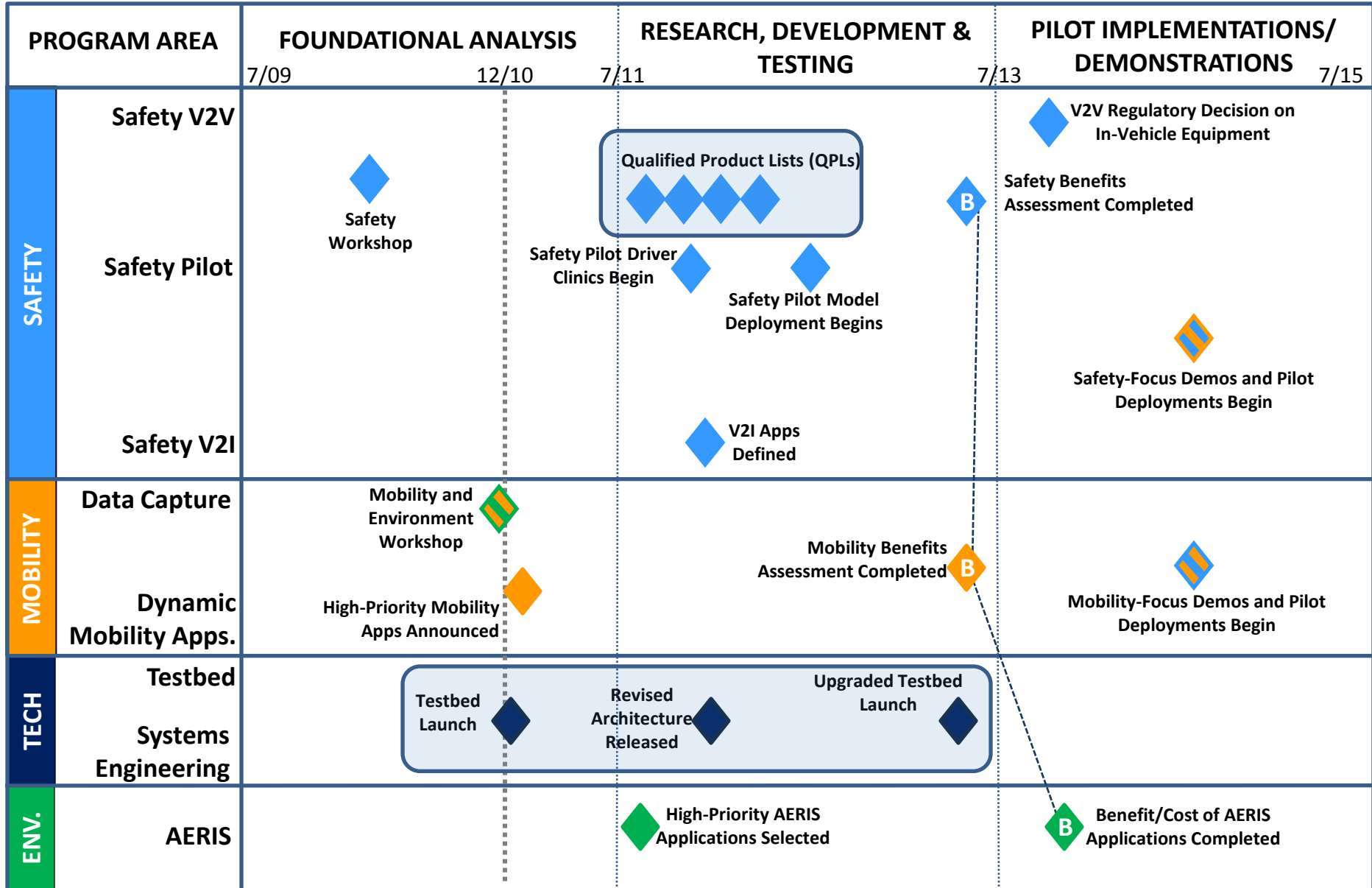


- The revised system definition will lead to updates to IntelliDrive Test Beds.
- The next generation of Test Beds will emphasize
 - A common design architecture,
 - Interoperable components and shared back office services, and
 - Working security processes.

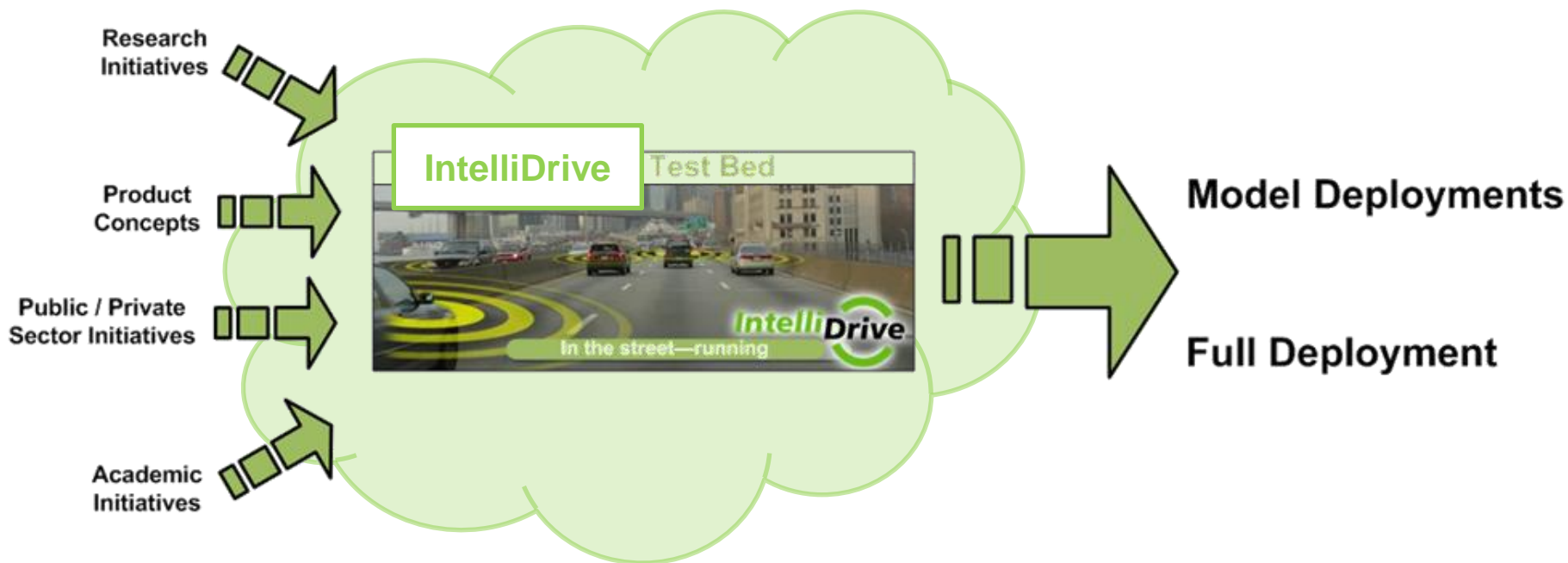
Major USDOT IntelliDriveSM Milestones



Major USDOT IntelliDriveSM Milestones



IntelliDrive Testbed – Available January, 2011



“In the street – running”

- Existing Test Bed expanded – 2011
- Reference component designs – 2011
- Reference Implementation of IntelliDrive System Architecture – 2012

For More Information...

<http://www.intellidrive.org/>



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Request for Comments - Real-Time System Management Information Program (due December 23, 2010)

AERIS BAA announcement DTFH61-10-F-00033

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