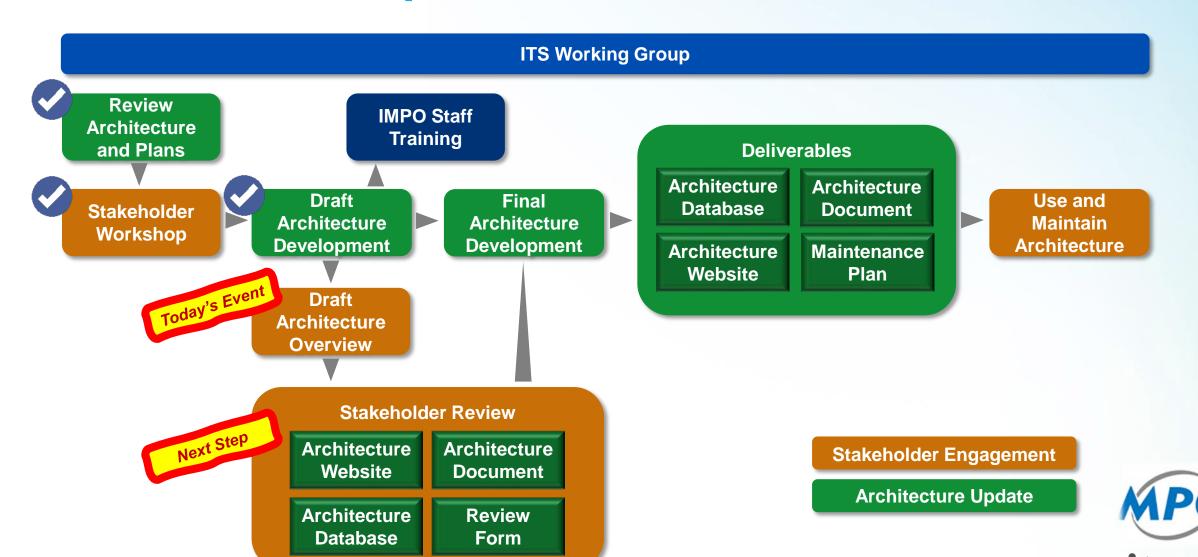


- 1. Architecture Update Project Status
- 2. Architecture Review
- Project Website, Database,Document
- 4. Stakeholder Review Actions
- 5. Next Steps



Architecture Update Process



Architecture Update Status

- Stakeholder Workshop conducted on May 4, 2023
- Stakeholder Feedback received through Workbook responses
- Draft Architecture Update has been completed
 - Architecture Website
 - Architecture Database/RAD-IT File
 - Architecture Document
- Architecture Update Report documents changes made
- Next important effort: Stakeholder Review



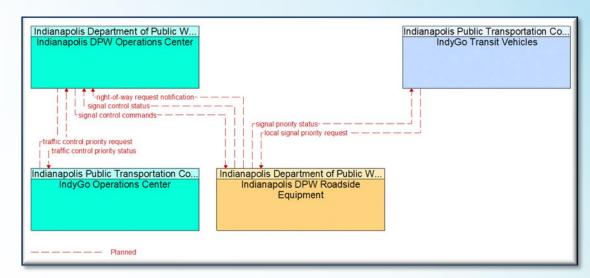
Architecture Review: Summary

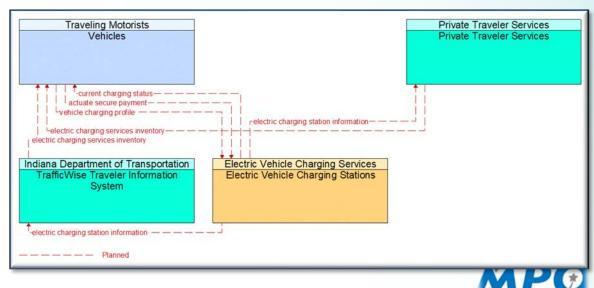
- Architecture converted to ARC-IT Version 9.1
- 47 primary changes have been incorporated
 - Comments/inputs from stakeholders
 - Findings from initial assessment
- Numerous changes to address consistency in content definition
- Refinements to architecture stakeholders, elements, services, such as:
 - TrafficWise and 511 systems were combined into TrafficWise Traveler Information System element
 - INDOT District Level stakeholder was changed to INDOT
 - INDOT Arterial Traffic Management System
 - INDOT Arterial Traffic Management Roadside Equipment
 - INDOT Hoosier Helper Vehicles elements
 - Numerous services from the original architecture containing no interface definitions, were properly defined



Architecture Review

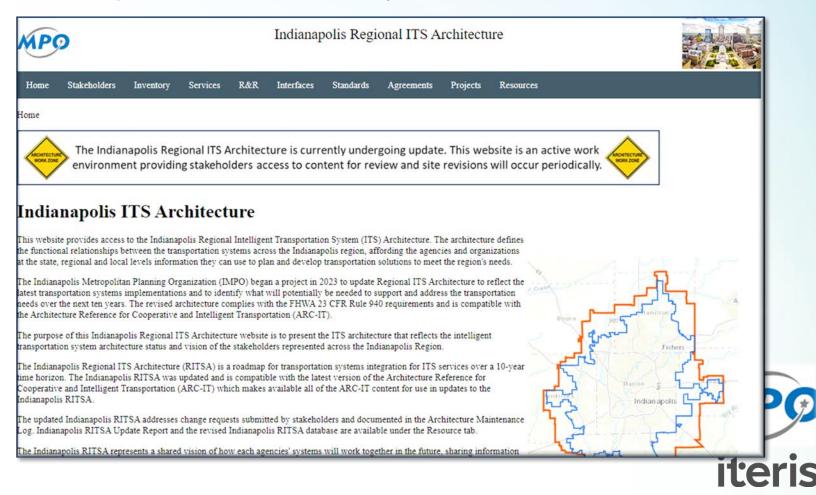
- 13 new projects added
 - City of Carmel Fiber Installation
 - City of Greenwood Signal and Detection Implementation
 - City of Greenwood Signal Preemption
 - City of Greenwood Traffic Flow and Queue Mitigation
 - Electric Vehicle Charging Stations
 - Indianapolis Transit Signal Priority
 - INDOT Automated Work Zone Speed Limit Enforcement
 - INDOT I-465 Hard Shoulder Running
 - INDOT I-465 Ramp Metering
 - INDOT Marion County Signal and CCTV
 - INDOT Truck Parking Information Management System (TPIMS)
 - INDOT Variable Speed Limit Enforcement
 - IndyGo Bus Rapid Transit System





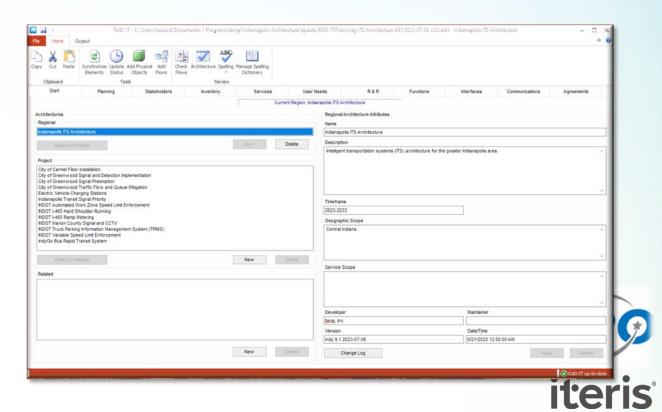
Architecture Review: Website

- Review of Architecture Website at https://local.iteris.com/indyarch/index.html
 - Familiar navigation
 - Dynamic content access
- Same content/3 formats
 - Website
 - RAD-IT file
 - Document
- Update Report
 - Provides list of changes



Architecture Review: Database

- Architecture Database RAD-IT File
- Download RAD-IT Software from ARC-IT website
 - https://www.arc-it.org/html/resources/radit.html
- Defines entire Indy ITS Architecture
- Supports tailoring and project definition



Architecture Review: Document

- Architecture Document
 - Will be emailed to stakeholders today
- Download from Resources tab on Indy Architecture Website
 - https://local.iteris.com/indyarch/html/resources/resources.html
 - Will be available July 12, 2023
- PDF format
 - 953 pages
 - Primarily tables
 - Stakeholders
 - Inventory elements
 - Services
 - Communications solutions
 - Interfaces including diagrams

Indianapolis Metropolitan Planning Organization

Indianapolis Regional ITS Architecture

July 10, 2023 Update (Draft)

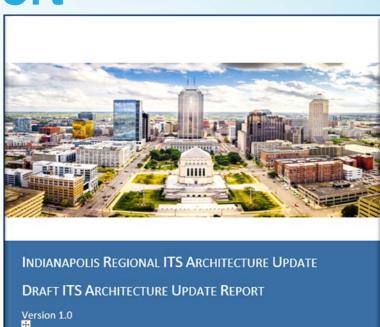


July 10, 2023



Architecture Review Update Report

- Architecture Update Report
 - Will be emailed to stakeholders today
- Download from Resources tab on Indy Architecture Website
 - https://local.iteris.com/indyarch/html/resources/resources.html
 - Will be available July 12, 2023
- Summarizes Architecture changes
- Lists primary changes incorporated



July 10, 2023

Prepared for the Indianapolis Metropolitan Planning Organization



Prepared by Iteris, Inc.

iteris



Stakeholder Review Actions

- Stakeholder Review Period: July 11 August 1
- Choose Format that works best for you
 - Website
 - RAD-IT File
 - Document
- Use Stakeholder Review Form to document comments
- Look through architecture content
 - From your organization's perspective
 - Description
 - Inventory elements
 - Services
 - Interfaces
 - Projects
 - Check status values: Existing, Planned, Future



Stakeholder Review Form

- Download from Resources tab on Indy Architecture Website
 - https://local.iteris.com/indyarch/html/resources/resources.html
- Feedback, comments, inputs from review

 Instructions on form

 Stakeholder Review Form Indianapolis Regional ITS Architecture Update

 Please enter your name, organization, and email address:

 NAME:

 ORGANIZATION:

 EMAIL:

 Please use the form below to provide your comments, questions, and corrections resulting from your review of Indianapolis Regional Stakeholder Review Form Indianapolis Regional ITS Architecture Update

 ORAFT 2023-06-14

 ORAFT 2023-06-14

 URAFT 2023-06-14

 ORAFT 2023-06-14

 ORAFT 2023-06-14

* ARC-IT is the Architecture Reference for Cooperative and Intelligent Transportation formerly known as the National ITS Architecture. ARC-IT can be found at www.arc-it.net if you need to look-up information.

(X) Select Area of Architecture for Reference								ce	Please Select the reference area for your input and enter your comments below.		
Stakeholders	Inventory	Services	Roles & Resp.	Interfaces	Agreements	Projects	Resources	General	Specific Component (system name, stakeholder name, Report page and section, etc.)	Comments, Questions, Corrections	

ne inventory elements (your systems) for the correct title and description. The inventory ated with your organization can be found on the stakeholder page <u>listed</u> services listed in the architecture for the ones that apply to your system(s). The inderstand what each service does. On the webpage for the elements or systems your

ur organization's title and description are correct. If you have more information to add,

Check the roles and responsibilities that have been associated with your organization for not fit your organization, please note it in your comments.

, you will find a list at the bottom of the page of the services in which that element is

ws: Look at the information flow diagrams associated with your inventory elements/ represent the information flows you expect to see between your system and other

reements list for agreements between your organization and others that are critical to the ur system. Check that the correct organizations are identified in the agreements and sts or needs to be established.

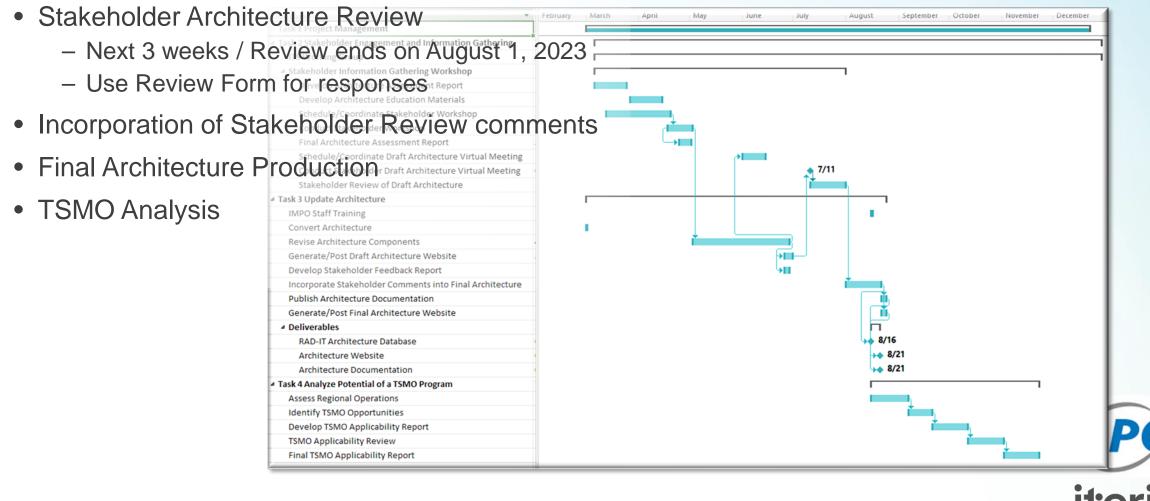
iew the systems (elements) and the information flows included in the project and whether envisioned.

ther something needs to be changed but you sense it should, provide your thoughts along o answer the question and we can follow up with that person.

rm to the following email address: cdh@iteris.com (Cliff Heise/Iteris)



Next Steps





Cliff Heise, PMP cdh@iteris.com 703.623.6709

