MOTOROLA SOLUTIONS

Iowa Statewide Interoperable Communications System (ISICS)

Project Update

February 11, 2016

ISICS Project Parallel Tracks

SITE DEVELOPMENT

Physical site construction, installation, permitting, etc.

Regional POCs:
- Local knowledge
- General awareness

SYSTEMS ENGINEERING

Configuration , management, physical interfaces, operations, etc.

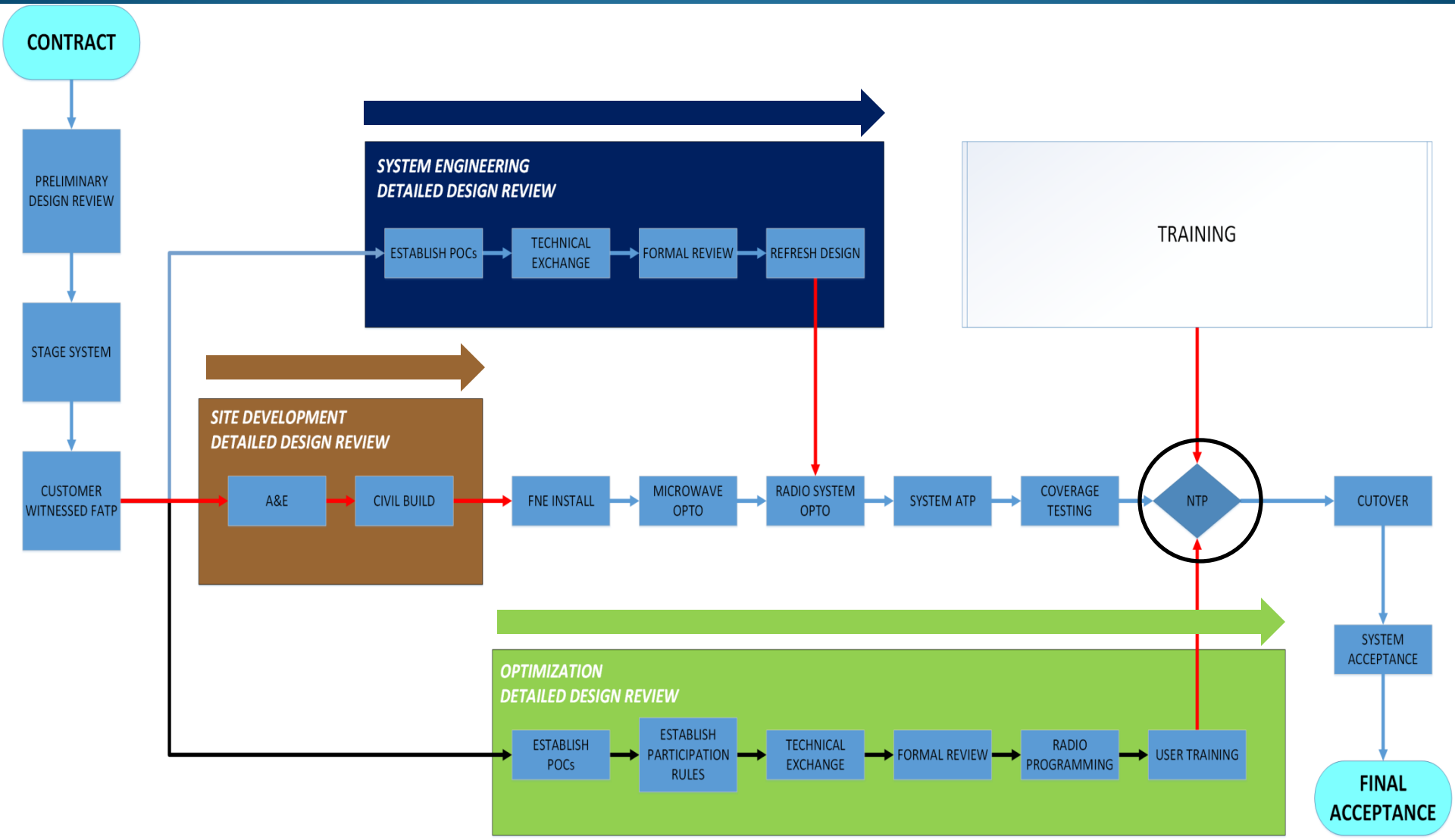
Technical POCs:
- Existing systems
- Current operations
- Spectrum licensing

OPTIMIZATION

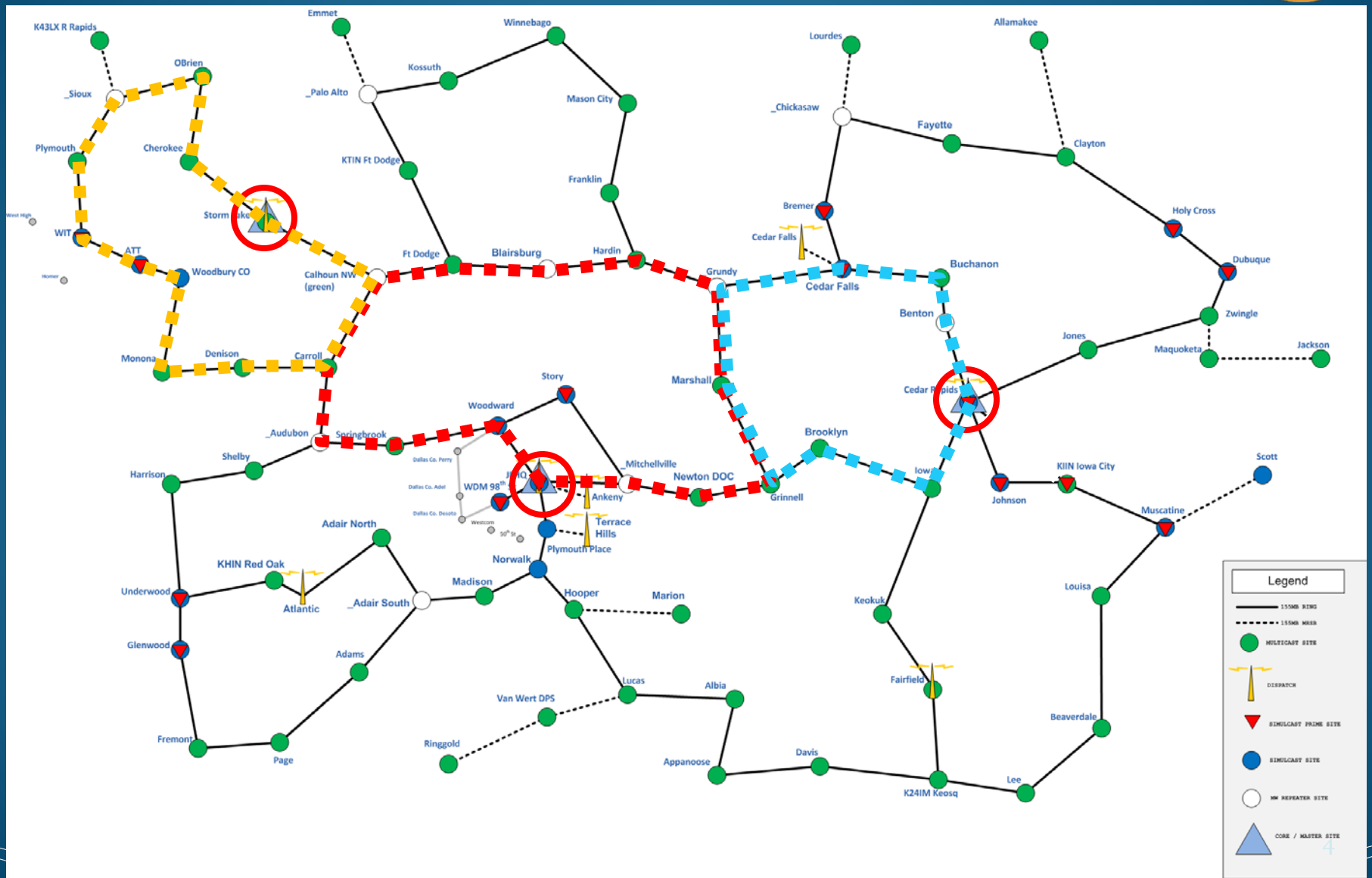
Fleetmap development, talkgroup development, rules, process, etc.

Technical POCs:
- Existing systems
- Current operations
- Talkgroup templates
- Fleetmap development
- Radio programming

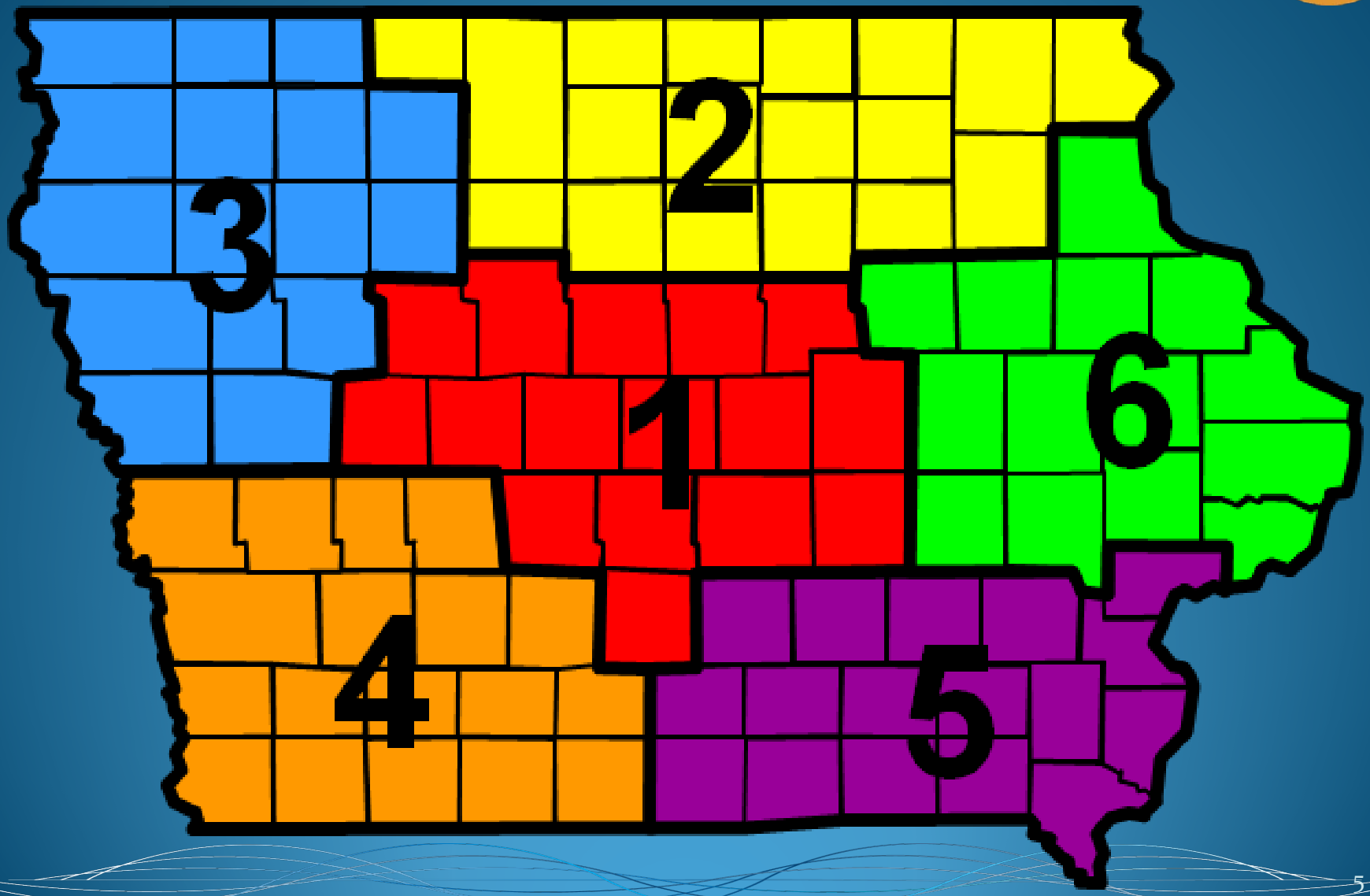
ISICS Project Flow



ISICS Sites


K43LX R Rapids
Emmet
Winnebago
Lourdes
Allamakee
OBrien
_Sioux
Kossuth
_Palo Alto
Mason City
_Chickasaw
Fayette
Clayton
Plymouth
Cherokee
KTIN Ft Dodge
Franklin
Bremer
Holy Cross
Storm Lake
WIT
ATT
Cedar Falls
Ft Dodge
Blairsburg
Hardin
Grundy
Buchanon
Dubuque
Woodbury CO
Calhoun NW (green)
Cedar Falls
Benton
Zwingle
Jones
Monona
Denison
Carroll
Maquoketa
Jackson
Story
Marshall
Cedar Rapids
Woodward
_Audubon
Springbrook
Brooklyn
Shelby
Scott
Harrison
Dallas Co. Perry
Dallas Co. Adel
Dallas Co. Desoto
WDM 98th
HQ
_Mitchellville
Newton DOC
Ankeny
Grinnell
Iowa
KIIN Iowa City
Johnson
Muscatine
Terrace Hills
Adair North
Plymouth Place
Norwalk
KHIN Red Oak
Atlantic
Madison
Hooper
Marion
Underwood
_Adair South
Keokuk
Louisa
Glenwood
Adams
Lucas
Albia
Fairfield
Van Wert DPS
Beaverdale
Fremont
Page
Ringgold
Appanoose
Davis
Lee
K24IM Keosq
Legend
155MB RING
155MB MESH
MULTICAST SITE
DISPATCH
SIMULCAST PRIME SITE
SIMULCAST SITE
NW REPEATER SITE
CORE / MASTER SITE

ISICS Sites



ARCHITECTURE & ENGINEERING DASHBOARD

Region 1 Site Pre-Construction	Site POC Identified	Formal A&E Visit	NEPA	SHPO	Mig Bird Public Notice	Structural Analysis	Modification Analysis	Power Plan	Final CDs	NTP
QTY	21	21	21	21	21	21	21	21	21	21
In-Process	4	0	0	0	0	0	0	0	0	0
Complete	17	8	0	0	0	0	0	0	0	0
% Complete	81%	38%	0%	0%	0%	0%	0%	0%	0%	0%

Region 2 Site Pre-Construction	Site POC Identified	Formal A&E Visit	NEPA	SHPO	Mig Bird Public Notice	Structural Analysis	Modification Analysis	Power Plan	Final CDs	NTP
QTY	12	12	12	12	12	12	12	12	12	12
In-Process	2	0	0	0	0	0	0	0	0	0
Complete	10	0	0	0	0	0	0	0	0	0
% Complete	83%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Region 3 Site Pre-Construction	Site POC Identified	Formal A&E Visit	NEPA	SHPO	Mig Bird Public Notice	Structural Analysis	Modification Analysis	Power Plan	Final CDs	NTP
QTY	12	12	12	12	12	12	12	12	12	12
In-Process	4	0	0	0	0	0	0	0	0	0
Complete	8	2	0	0	0	0	0	0	0	0
% Complete	67%	17%	0%	0%	0%	0%	0%	0%	0%	0%

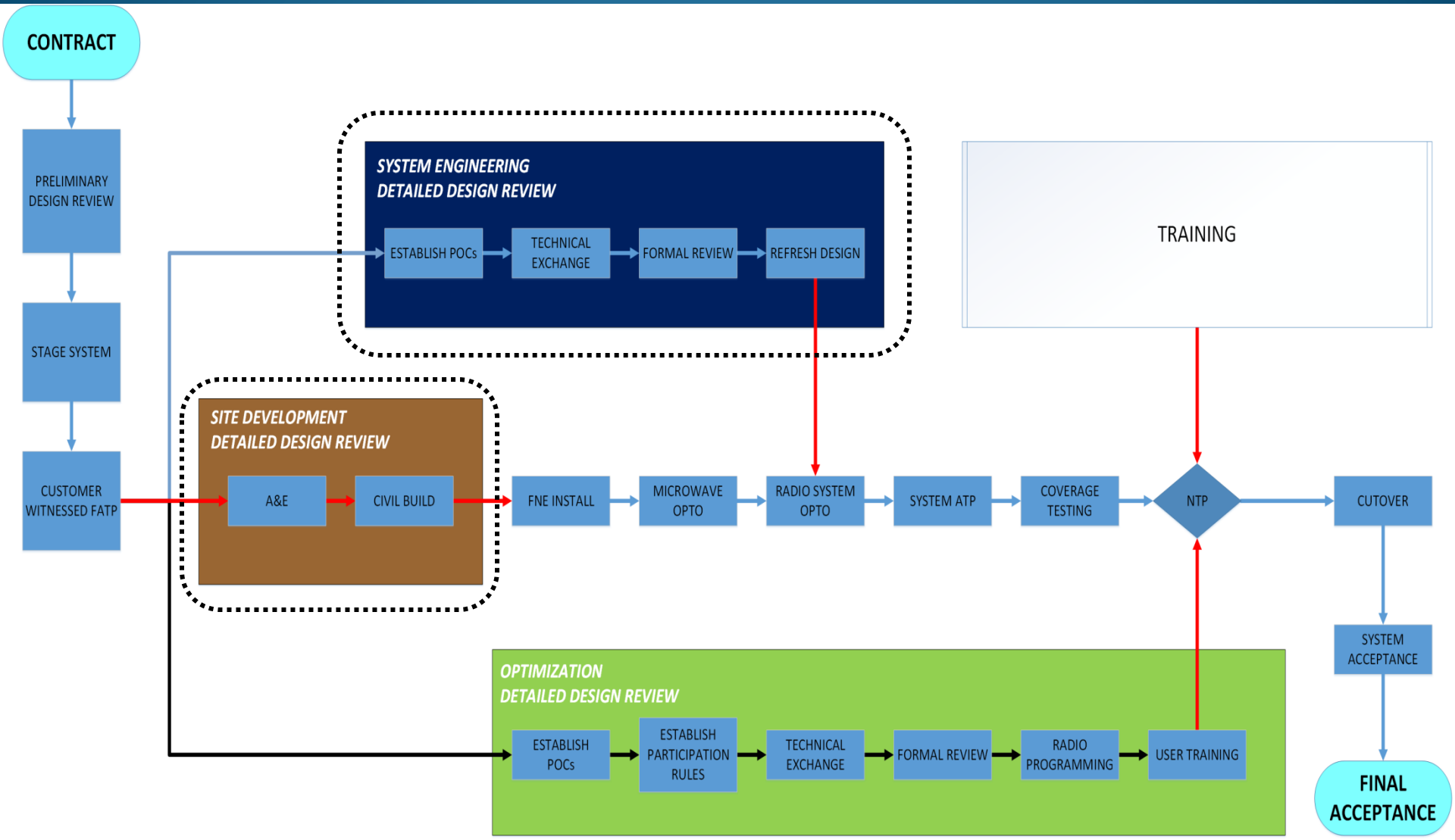
ARCHITECTURE & ENGINEERING DASHBOARD

Region 4 Site Pre-Construction	Site POC Identified	Formal A&E Visit	NEPA	SHPO	Mig Bird Public Notice	Structural Analysis	Modification Analysis	Power Plan	Final CDs	NTP
QTY	16	16	16	16	16	16	16	16	16	16
In-Process	1	0	0	0	0	0	0	0	0	0
Complete	15	2	0	0	0	0	0	0	0	0
% Complete	94%	13%	0%	0%	0%	0%	0%	0%	0%	0%

Region 5 Site Pre-Construction	Site POC Identified	Formal A&E Visit	NEPA	SHPO	Mig Bird Public Notice	Structural Analysis	Modification Analysis	Power Plan	Final CDs	NTP
QTY	12	12	12	12	12	12	12	12	12	12
In-Process	0	0	0	0	0	0	0	0	0	0
Complete	12	3	0	0	0	0	0	0	0	0
% Complete	100%	25%	0%	0%	0%	0%	0%	0%	0%	0%

Region 6 Site Pre-Construction	Site POC Identified	Formal A&E Visit	NEPA	SHPO	Mig Bird Public Notice	Structural Analysis	Modification Analysis	Power Plan	Final CDs	NTP
QTY	15	15	15	15	15	15	15	15	15	15
In-Process	1	0	0	0	0	0	0	0	0	0
Complete	14	3	0	0	0	0	0	0	0	0
% Complete	93%	20%	0%	0%	0%	0%	0%	0%	0%	0%

ISICS Project Flow



ACTION ITEMS

- Establish POCs for System Engineering DDR
- Setup preliminary call to calibrate expectations
- Lock in date & Location
- DDR start
- Support/review recommendations of the technical/DDR subcommittee

Thanks!

IOWA STATEWIDE INTEROPERABLE COMMUNICATIONS SYSTEM
ISICS