



City of Grand Island

Tuesday, December 1, 2015

Study Session

Item -3

Presentation – 911 – EOC Center Report

Staff Contact: Jon Rosenlund

911 – EOC Center Report

Study Session
December 1, 2015

Agenda

- Report RFQ
- Options
 - Full Scale Center
 - Alternate 911
 - Costs
 - New Developments
- Ongoing Costs
- Recommendation

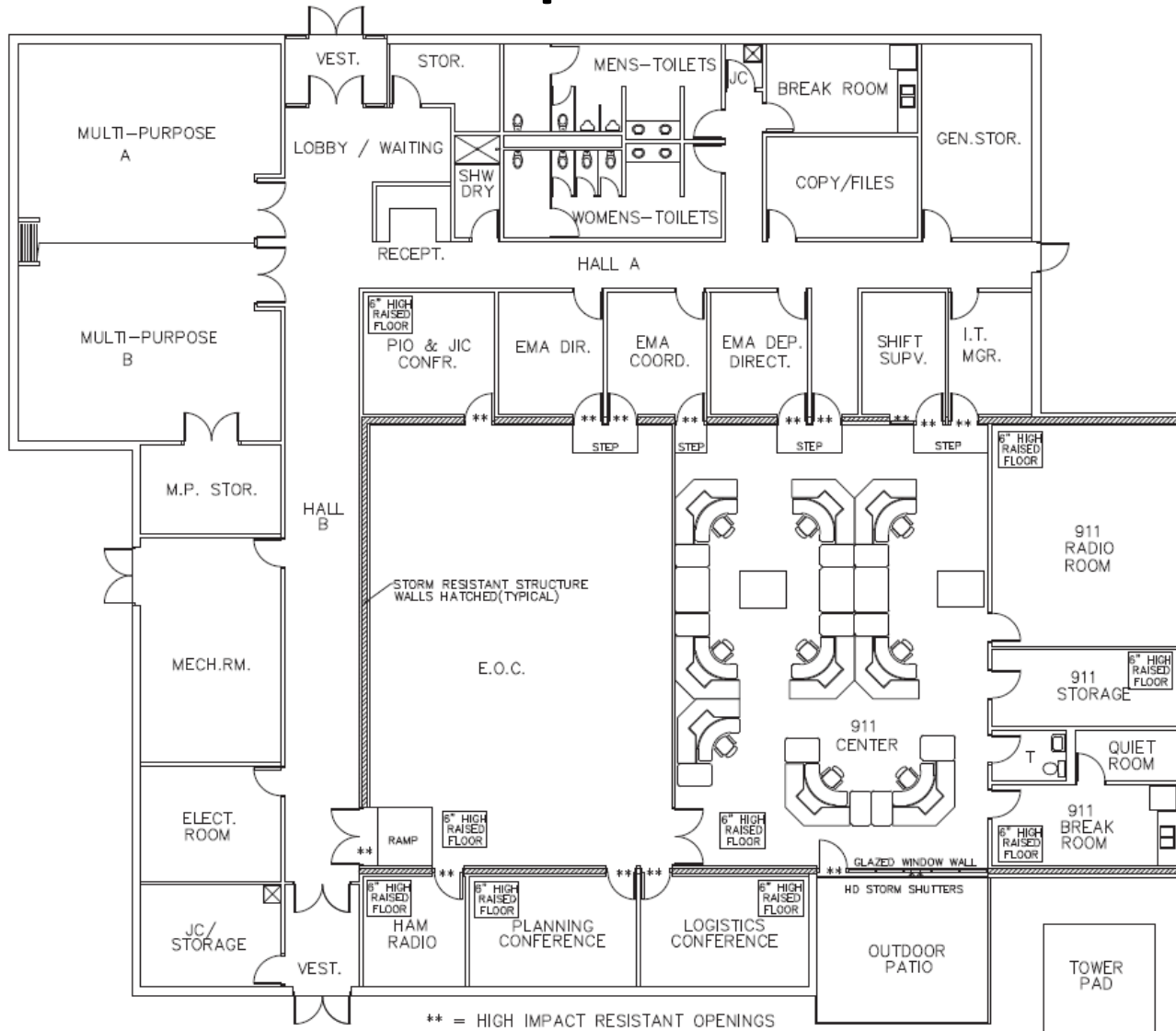
Report RFQ

- Provide a series of options for:
 - Full Scale Center vs. Alternate
 - Various Locations
 - Station #1
 - West Faidley Open Property
 - National Guard Armory

Full Scale Building

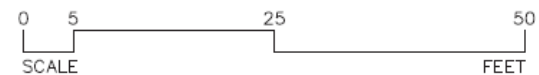
- Plan for 30+ years of operation
- Estimate growth of population & calls
- Incorporate modern functions of Operations, Planning, Logistics, Public Information
- Strength and durability of construction
- Redundancy & options for future growth
- Estimate 12,300 square feet (page 7)
- Start with 911 Center & Radio Room

Conceptual Plans



GRAND ISLAND 911 / EMERGENCY MANAGEMENT
SCHEMATIC FLOOR PLAN

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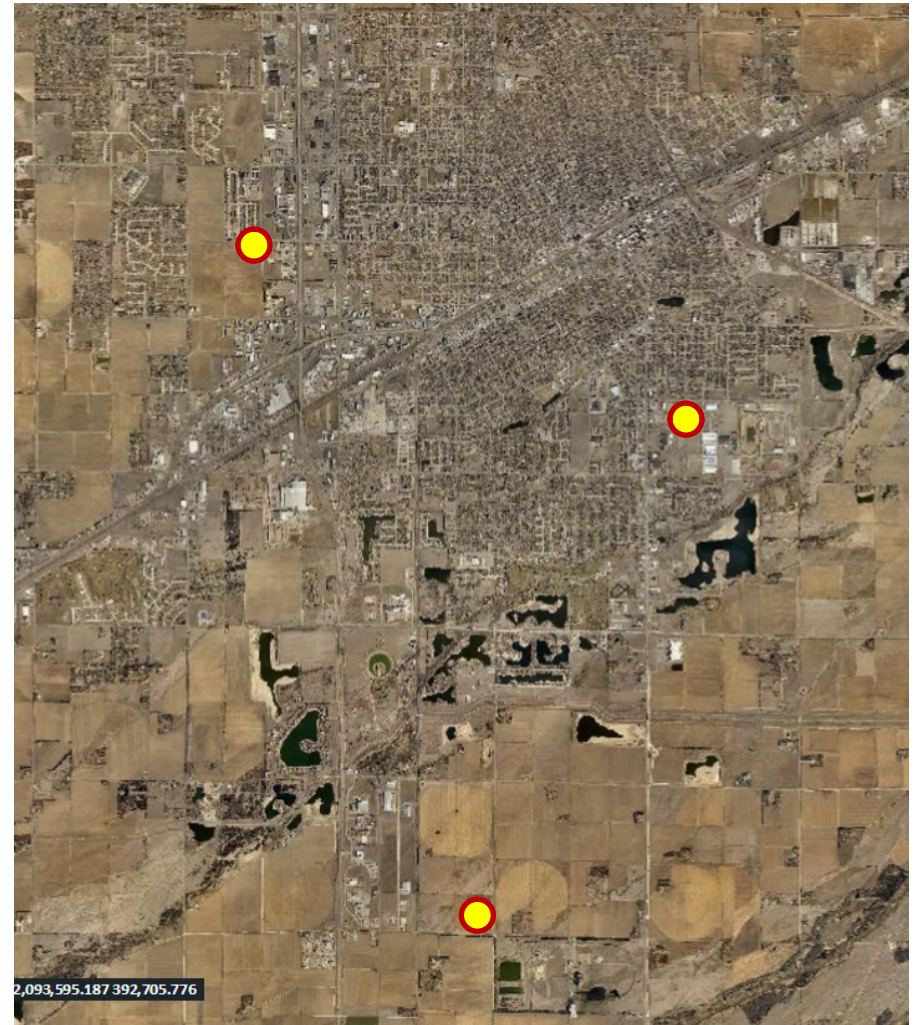
Location Preferences

- Distance from City Hall (1 mile preferred)
- Out of the flood plain
- Distance from Railroad & Major highways
- Proximity to City/County Fiber Optics
- Proximity to Electrical Substations
- Buried utilities vs. overhead

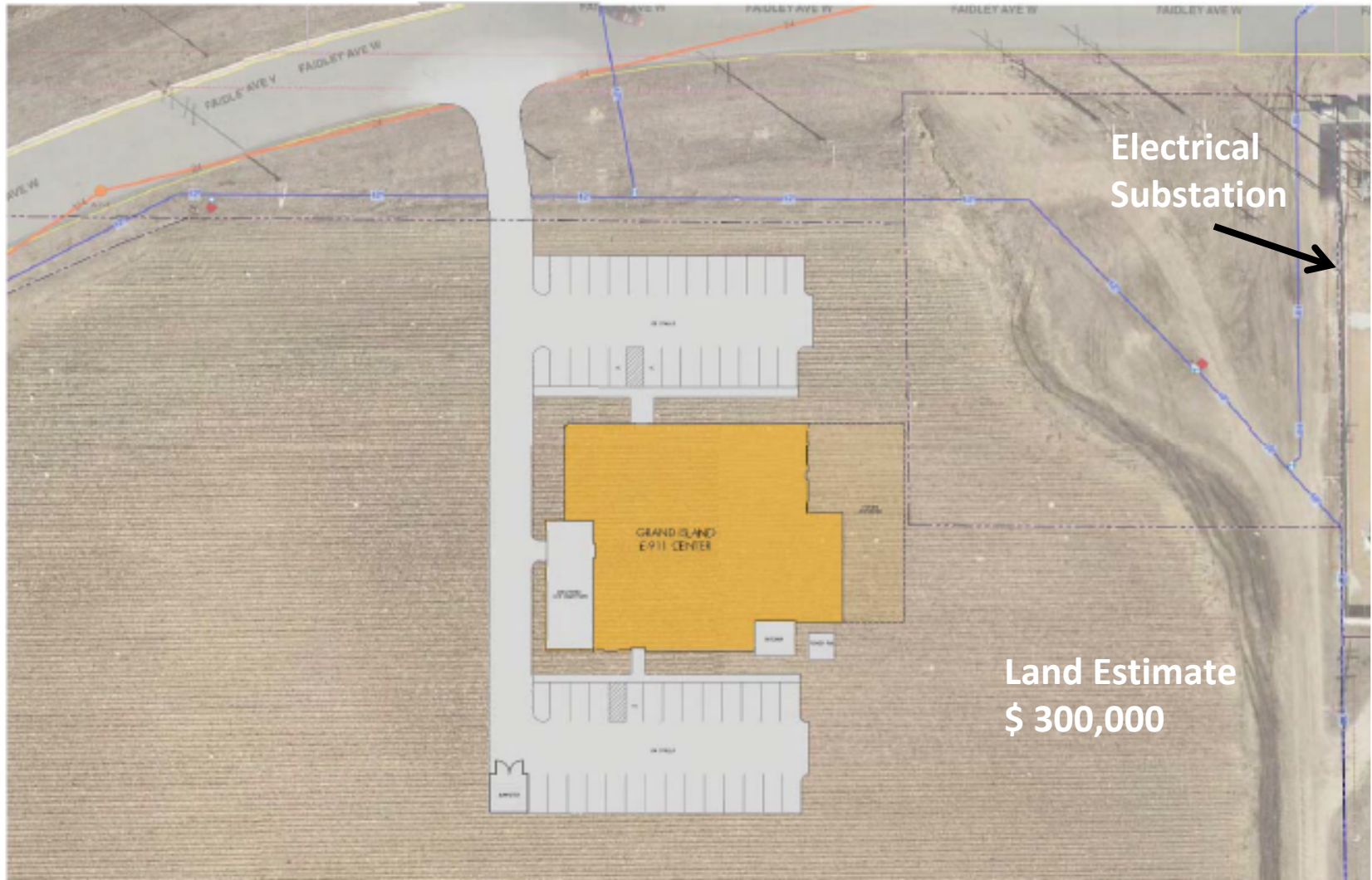
Locations for Full Scale

- West Faidley
- Fire Station #1
- Industrial Park *

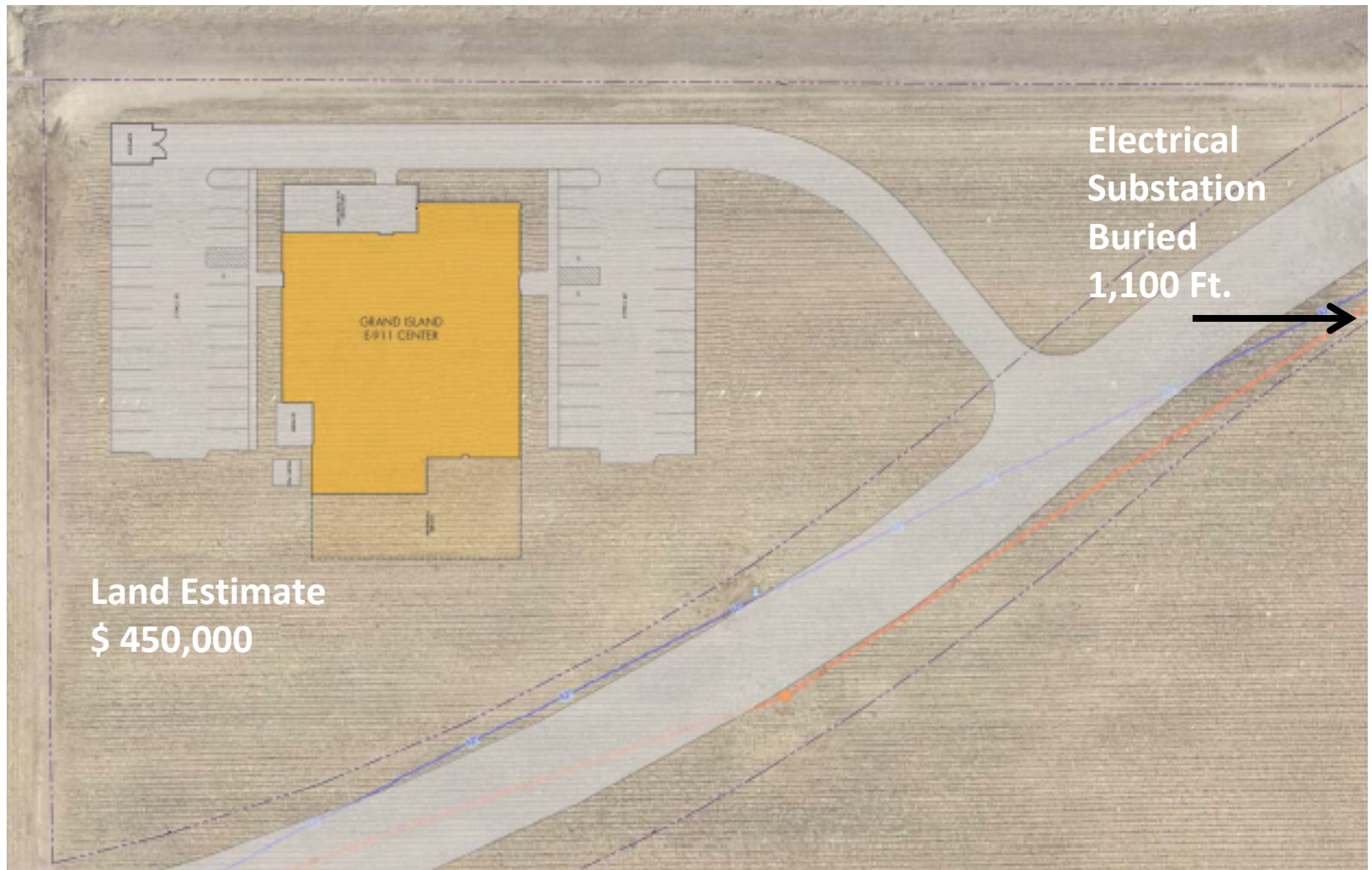
*Not included in Report



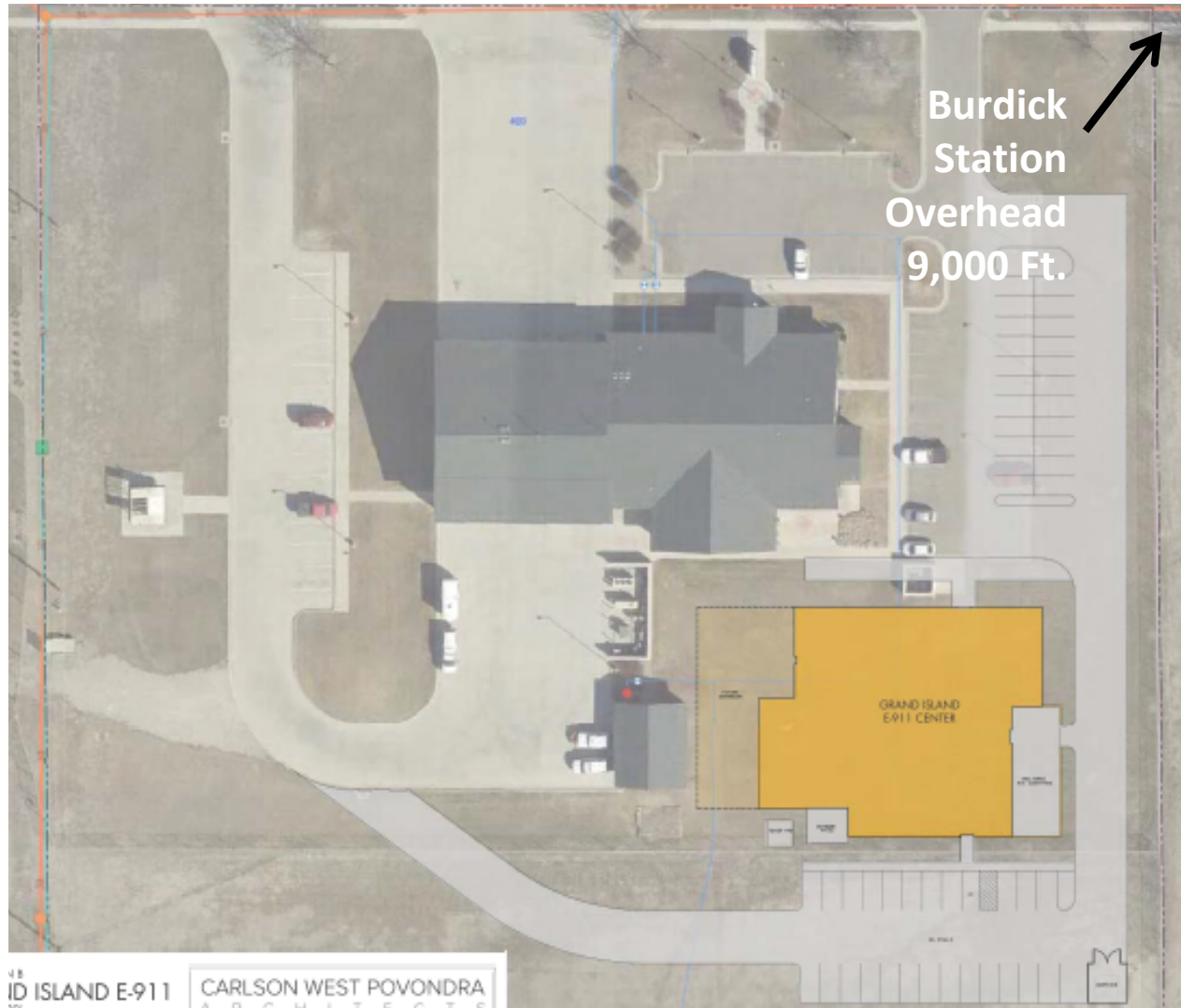
West Faidley #1



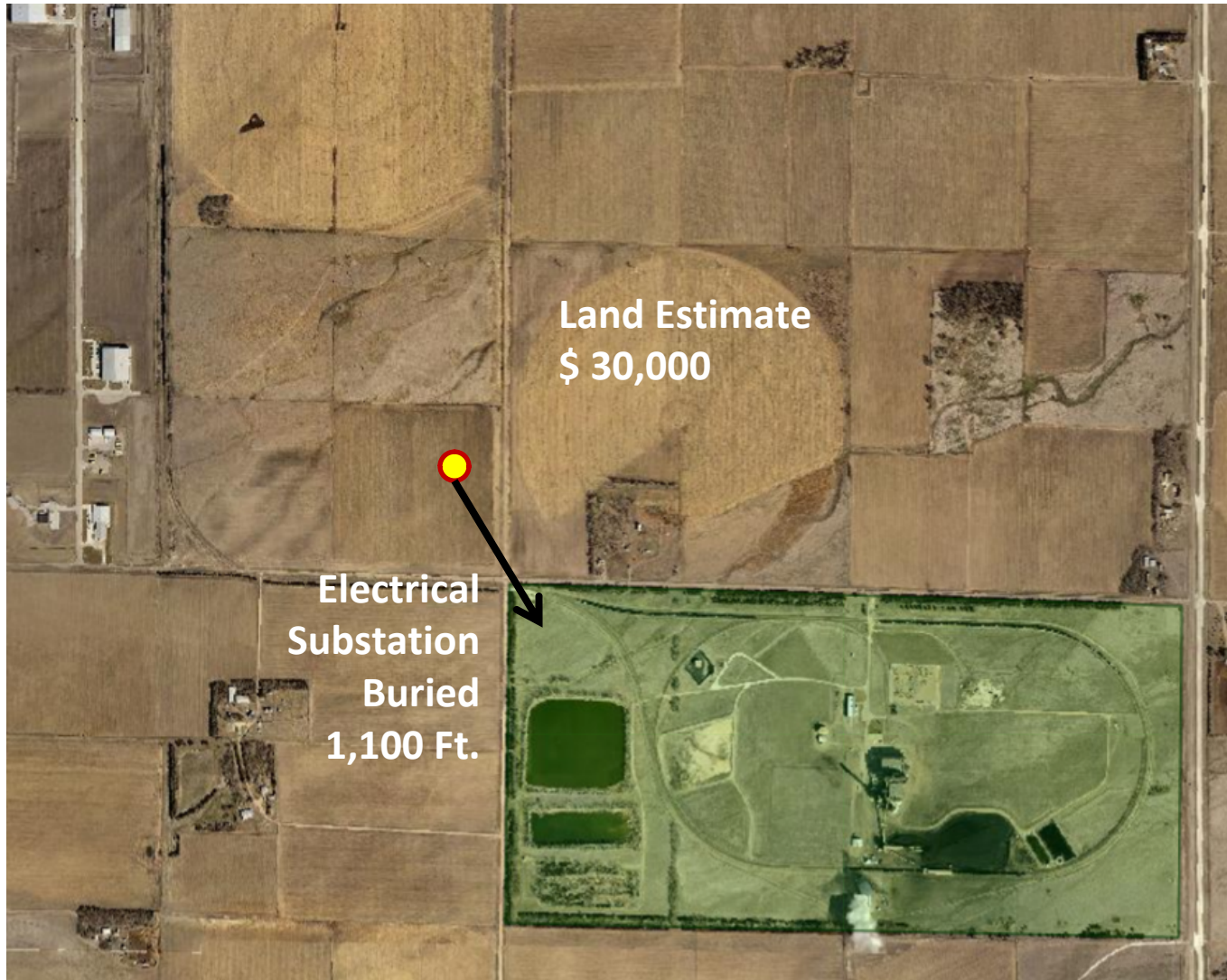
West Faidley #2



Fire Station #1



Industrial Park

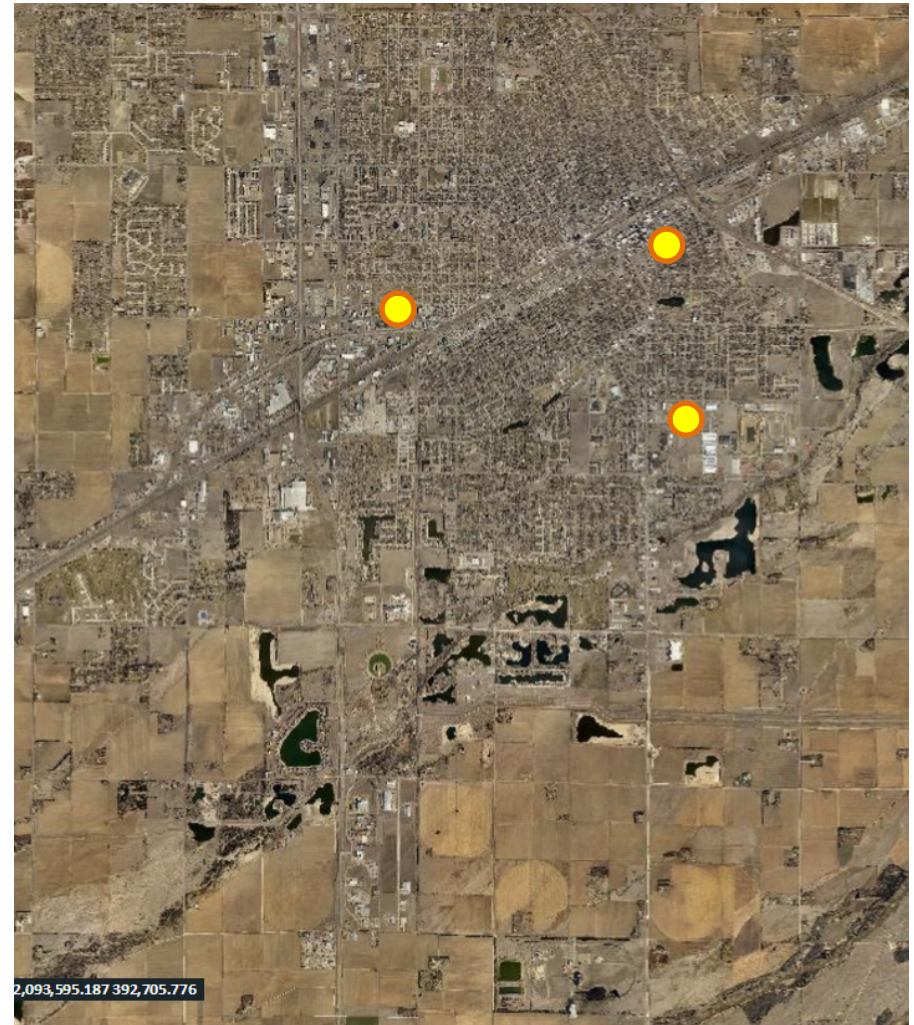


Cost of Full Scale Construction

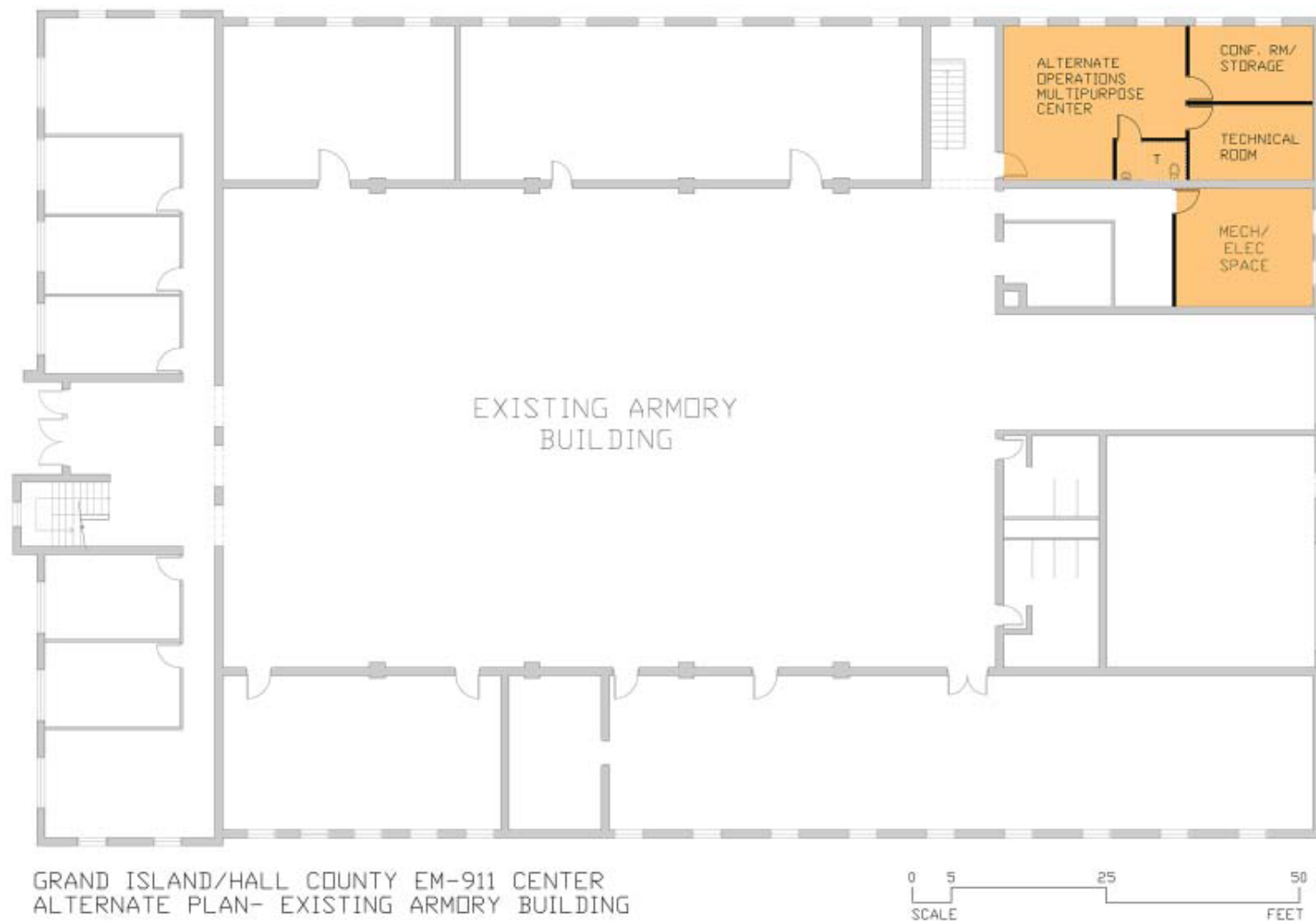
Category	Estimated Cost
Development costs (site purchase, etc.)	Depends on Location
Sitework	\$ 195,600
Construction	\$ 1,986,275
Project Expenses (Equipment, A/E Fees) (\$810,000 is Equipment)	\$ 983,100
Contingency	\$ 316,500
Total (does not include land acquisition)	\$ 3,481,475

Locations for Alternate

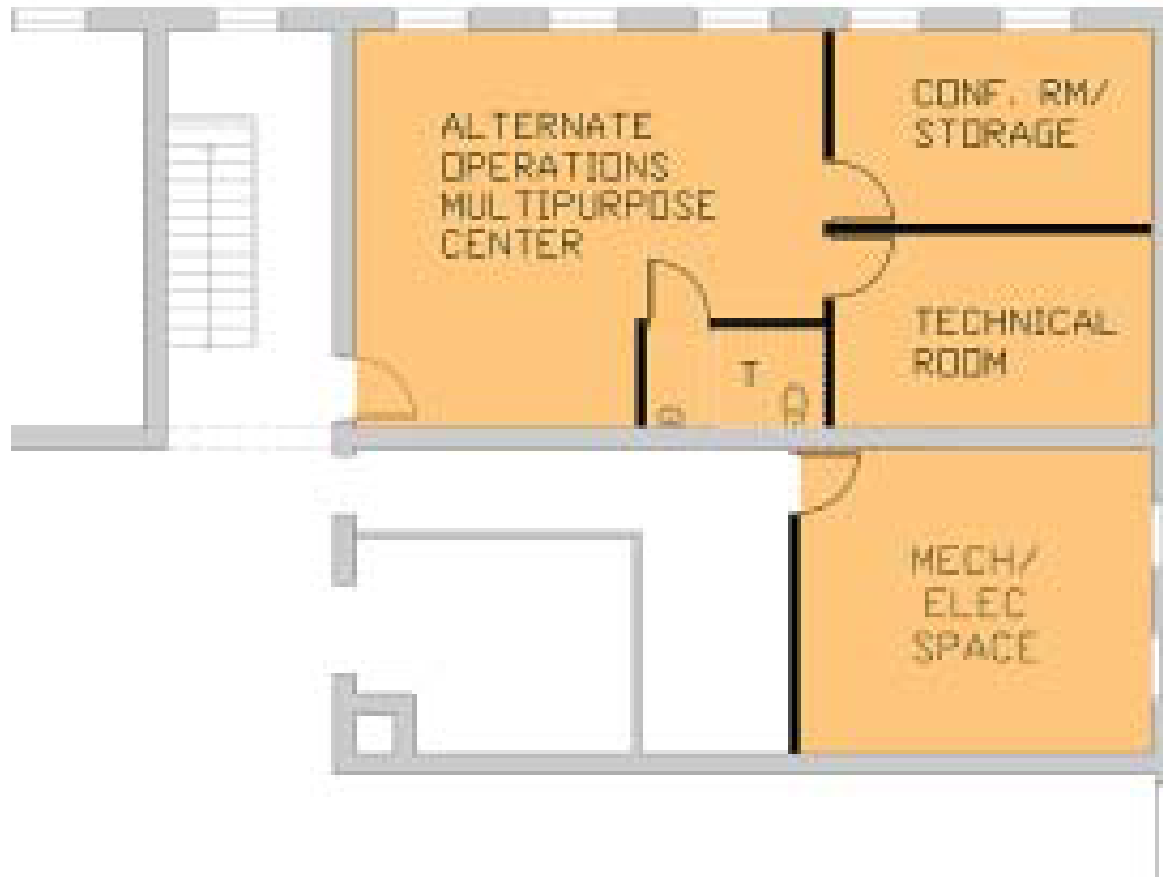
- Fire Station #1
- National Guard Armory
- City Hall



National Guard Armory



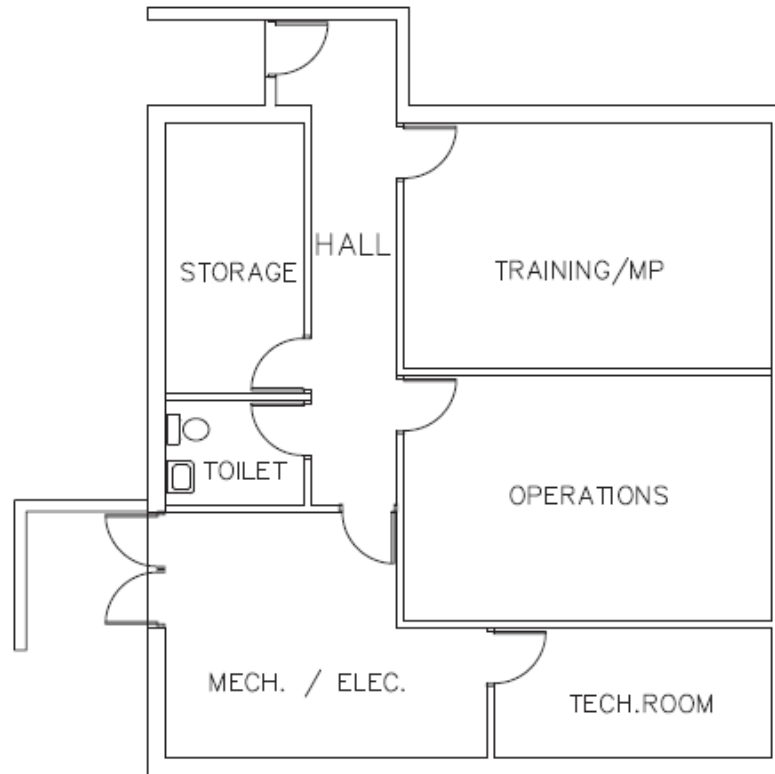
National Guard Armory



Cost of Armory Alternate 911

Category	Estimated Cost
Development costs (site purchase, etc.)	Depends on Location
Sitework	\$ 0
Renovation	\$ 280,900
Project Expenses (Equipment, A/E Fees) (\$600,000 is Equipment)	\$ 627,500
Contingency	\$ 40,000
Total (does not include land acquisition & remediation)	\$ 948,400

Alternate at Station #1



GRAND ISLAND 911 / EMERGENCY MANAGEMENT
PLAN—ALTERNATE FACILITY AT FIRE STATION #1
1,477 GROSS SQUARE FEET

Cost of Station #1 Alternate 911

Category	Estimated Cost
Development costs (site purchase, etc.)	Depends on Location
Sitework	\$ 47,000
Construction	\$ 416,500
Project Expenses (Equipment, A/E Fees) (\$600,000 is Equipment)	\$ 647,000
Contingency	\$ 60,000
Total	\$ 1,170,500

Land Acquisition

Location	Estimated Price
West Faidley	\$ 300,000 - \$ 450,000
13 th Street	\$ 250,000
Industrial Park	\$ 30,000
National Guard Armory	Unknown
Station #1	\$ 0

Construction Comparisons

Building	Year	Square Footage	Cost	Cost Per SF
Law Enforcement Center	2008	43,931	\$ 7.4 Million	\$ 168
Hall County Jail	2008	88,396	\$ 14.3 Million	\$ 162
Fire Station #1	2008	13,092	\$ 2.4 Million	\$ 183
New 911/EOC		11,400	\$ 2.5 Million	\$ 219
New Alternate 911/EOC		1,477	\$ 523,500	\$ 354

Increased Operating Costs

- Existing Expenses
 - Telephone Lines
 - Maintenance Contracts
 - Repair/Maintenance Equipment, Machine
- New Expenses
 - Utilities (Electrical & Natural Gas)
 - Sanitation
 - Janitorial/Exterior maintenance

Estimated Increase

Category	Current	New	Increase
Maint Contracts	\$ 52,000	\$ 83,000	\$ 31,000
Phones	\$ 45,000	\$ 55,000	\$ 10,000
Repair (Machine)	\$ 25,000	\$ 35,000	\$ 10,000
New Building Expenses			
• Utilities		\$ 25,000	\$ 25,000
• Repair (Building)		\$ 5,000	\$ 5,000
• Sanitation		\$ 1,000	\$ 1,000
• Cleaning supplies		\$ 2,000	\$ 2,000
Total Estimate			\$ 84,000

E911 Special Revenue Fund

E911 Fund	2009	2010	2011	2012	2013	2014
Revenues	283,508	214,090	297,929	251,523	220,961	215,734
Expenses	186,562	123,404	165,151	366,359*	183,505	189,790

Average Revenue: \$ 247,291

Average Expenses: \$ 169,682

Fund Balance Year End FY 2015: \$ 717,754

* 2012 included \$190,000 for a new 911 phone system

Summary

Option	Location	Cost Estimate	Ongoing	Cons
Full Center	West Faidley	\$ 3.8 Million	\$ 84,000	Land Cost
Full Center	Industrial Park	\$ 3.5 Million	\$ 84,000	Distance from City Center
Full Center	Station #1	\$ 3.5 Million	\$ 84,000	9000 ft to Utilities & Data
Alternate	Station #1	\$ 1.5 Million	\$ 66,000	9000 ft to Utilities & Data Needs bigger redesign
Alternate	Armory	\$ 1 Million	\$ 66,000	Renovation costs, size too small

The Plan

- Obtain from Council directions toward Alternate or Full Scale
- Obtain from Council directions on location.
- Begin RFP process to receive plans necessary for construction (Winter 2016)
- Approve plans and proceed to land acquisition (if necessary) and construction (FY 2016-2017)