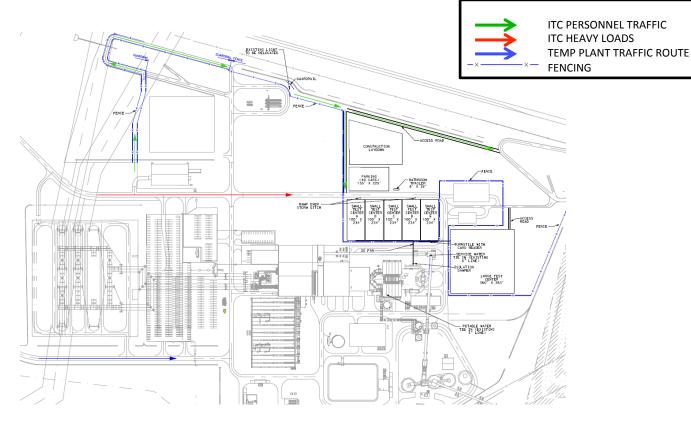


# Dry Fork Station Integrated Test Center (ITC)

John W. Jacobs

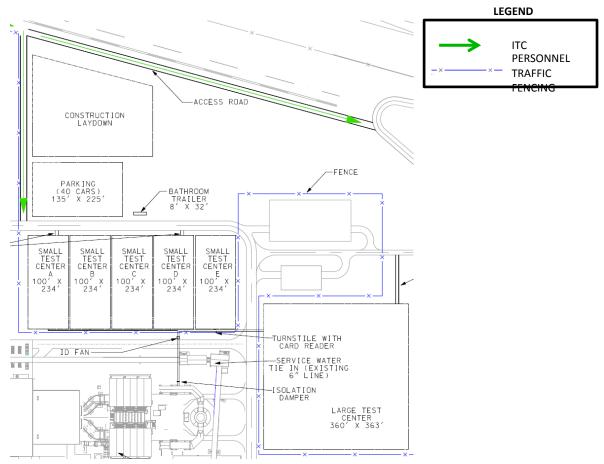


### DFS INTEGRATED TEST CENTER SITE PLAN

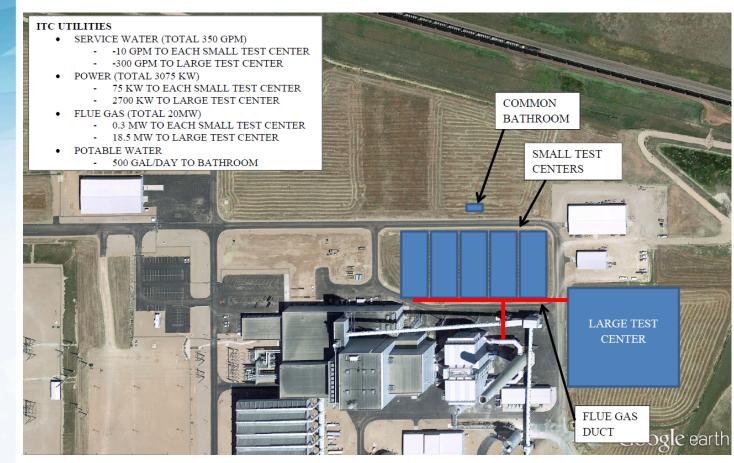




### **ITC SITE PLAN**

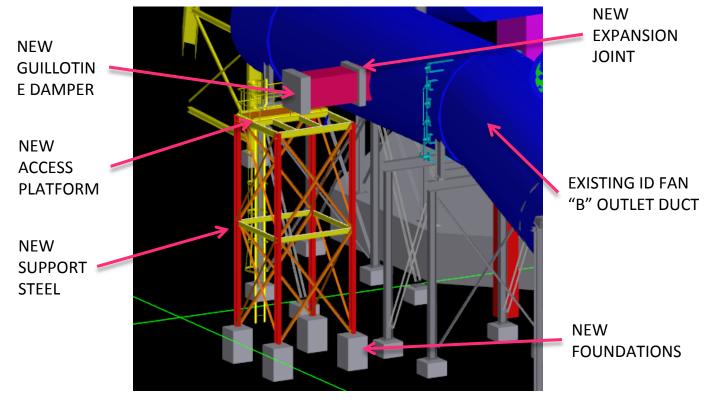


## **TEST CENTER LOCATIONS**













### TEST CENTER UTILITIES & SERVICES

#### **SERVICES PROVIDED:**

- SERVICE WATER (350 GPM TOTAL)
- POTABLE WATER TO BATHROOM (0.35 GPM)
- FLUE GAS (87,500 ACFM TOTAL)
- POWER (3,075 KW)
- POWER TO ITC BOOSTER ID FAN (200 KW)

#### **SERVICES NOT PROVIDED (BUT NOT LIMITED TO):**

- PROCESS STEAM
- DEMINERALIZED WATER
- COMPRESSED AIR
- COMMON FLUE GAS EXHAUST
- OFFICE SPACE / PUBLIC DISPLAY BUILDING



## **CAPITAL COST ESTIMATE**

ITEM	ESTIMATED COST (US\$)
CIVIL/STRUCTURAL	1,913,673
MECHANICAL	2,260,034
ELECTRICAL/I&C	1,473,462
DECONSTRUCTION/REMOVAL	480,203
TOTAL DIRECT COSTS	6,127,372
CONSTRUCTION INDIRECTS	1,091,329
CONTRACTOR'S G&A AND PROFIT	948,600
ENGINEERING AND SITE SUPPORT	1,225,100
TOTAL INDIRECT COSTS	3,265,029
CONTINGENCY	1,878,400
TOTAL	11,270,800

### **OPERATING COST ESTIMATE**

ITEM	TOTAL ANNUAL COST(US\$)
POWER (LARGE TEST CENTER)	827,820
POWER (SMALL TEST CENTER)	91,980
SERVICE WATER (LARGE TEST CENTER	157,680
SERVICE WATER (SMALL TEST CENTERS)	21,024
MANPOWER	124,800
ITC BOOSTER ID FAN	61,320
MISCELLANEOUS *	95,365
TOTAL COST	1,379,989

\* Potable Water, Bathroom/Sanitary Vault Cleaning, Dust Suppression, Transformer Capacity Charge





## SCHEDULE

ТАЅК	DATE
PHASE 1 ENGINEERING	JULY 2015 – JAN 2016
PHASE 1 CONSTRUCTION	JAN 2016 – APR 2016
SPRING 2016 OUTAGE	MAR 12, 2016 – APR 18, 2016
PHASE 2 ENGINEERING	NOV 2015– SEPT 2016
PHASE 2 CONSTRUCTION	OCT 2016 – APR 2017
ITC OPERATIONAL	JUNE 1, 2017