

COASTAL WATER AUTHORITY CAPITAL IMPROVEMENTS SUMMARY



OCTOBER 6, 2026

CWA EXPANSIONS/UPGRADES/IMPROVEMENTS



ONGOING PROJECTS...

• **LPS B SYSTEM PUMP IMPROVEMENTS**

- NEW PUMPS, MOTORS AND VFDS - P201 AND P206 – 50K GPM
- \$18 MILLION
- COMPLETE 2027

• **CAPERS RIDGE PUMP STATION EXPANSION**

- ADD 4 PUMPS, MOTORS, ELECTRICAL AND PIPING TO INCREASE CAPACITY TO 500 MGD
- \$41 MILLION
- COMPLETE 2027
- **CM&I SERVICES RFQ – OCT 2026**

• **B-2 PIPELINE PROJECT**

- REDUNDANT TO B-1 PIPELINE – 16 MILES (48-IN TO 96-IN DIA.)
- \$320 MILLION
- COMPLETE BY 2031
- **CM&I SERVICES – OCT 2026**

• **LAKE HOUSTON DAM (LHD) SPILLWAY IMPROVEMENT PROJECT**

- INCREASE DISCHARGE CAPACITY DURING STORM EVENTS
- \$300 MILLION
- COMPLETE BY 4Q 2030

ONGOING PROJECTS...

• **SCADA REPLACEMENT**

- HARDWARE AND SOFTWARE (OPERATE/CONTROL/MONITOR PUMP STATIONS, PRESSURES, LEVELS)
- CYBERSECURITY/AI/ML UPGRADES
- \$6-\$8 MILLION
- COMPLETE BY 2028

• **LYNCHBURG PUMP STATION MODERNIZATION**

- REPLACE/INSTALL 17 PUMPS, MOTORS, VFDS OVER A 6-10 YEAR PERIOD TO ENSURE RELIABILITY FOR 50 PLUS YEARS
- \$200 MILLION
- COMPLETE BY 2031-2035

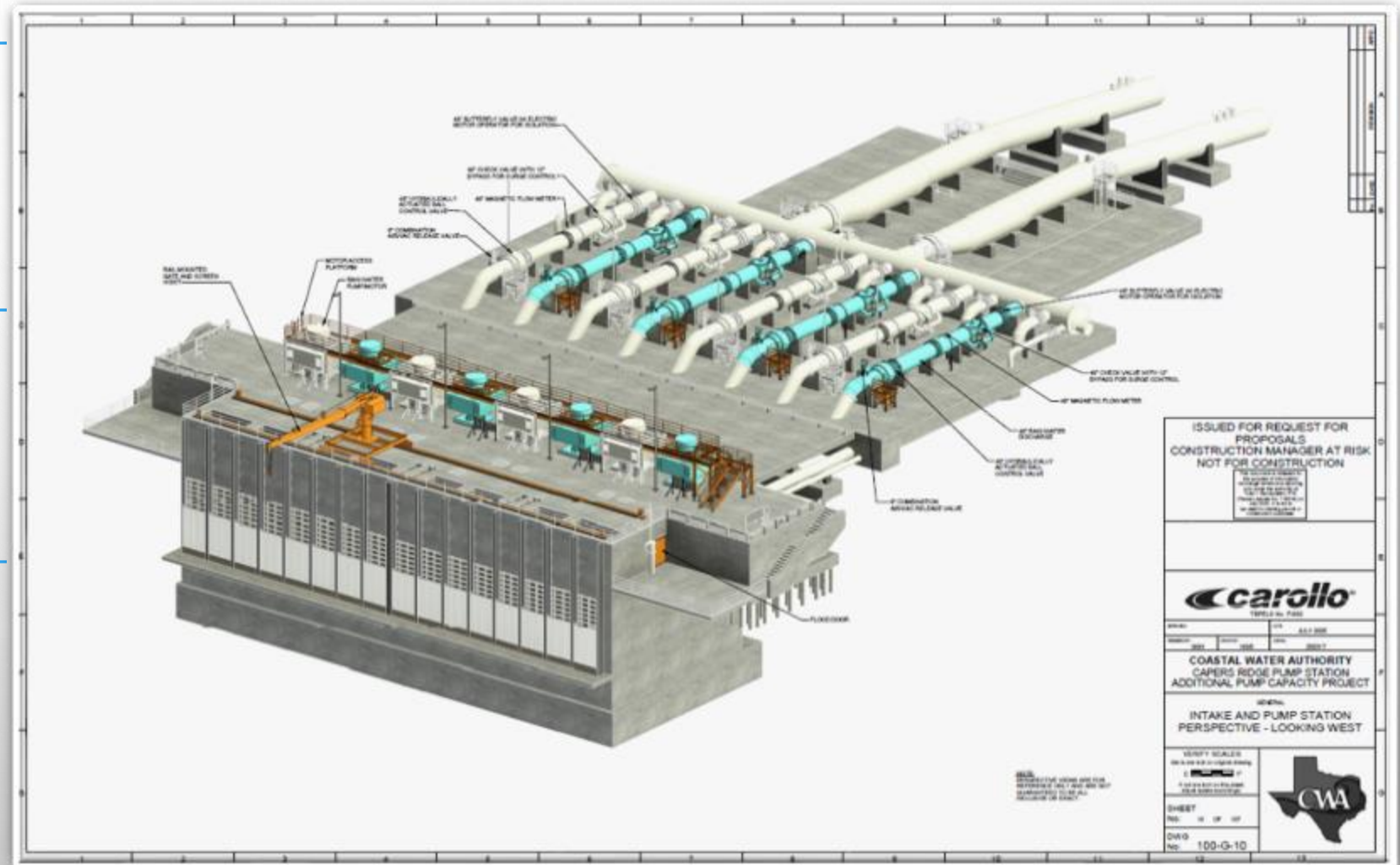
• **FACILITIES/BUILDINGS REPLACEMENT – ALL FACILITIES**

- REPAIR, RENOVATE OR REPLACE BUILDINGS AND SUPPORT INFRASTRUCTURE
- SIZE/ACCOMMODATIONS FOR CURRENT/FUTURE STAFF
- SAFETY, ADA, AND IMPROVED ACCOMMODATIONS
- \$49 MILLION – ALL FACILITIES
- COMPLETE BY 2031

• **OTHER PROJECTS (TO BE COMPLETED BY 2026)**

- **ON-CALL EMERGENCY RESPONSE PIPELINE SERVICES – OCT 2026**
- TRPS ACCESS ROAD REPLACEMENT (\$5 MILLION)

Projected Completion: 2027



B-2 PIPELINE PROJECT

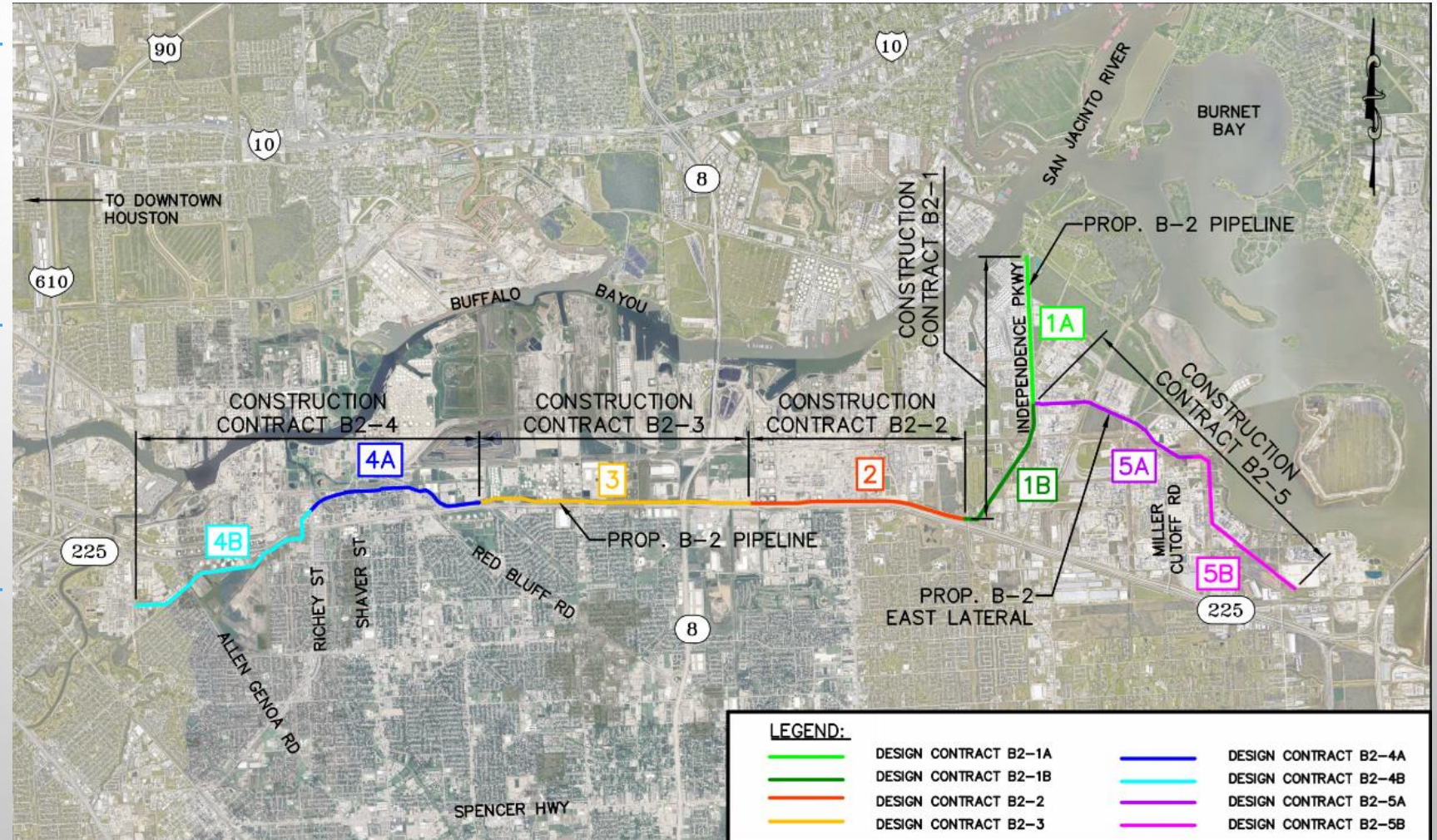


Redundancy and increased capacity to CoH EWPP and Industrial Customers

30%-60%-100% Design Deliverables

16-Month Design Schedule

Projected Completion: 4Q 2031





LHD Spillway Improvement Project



Add 11 Tainter Gates
Discharge Capacity: 82K cfs

Design Deliverables 30%-
60%-90%-100%

Projected Completion: 4Q
2030

