ALL AMERICAN CANAL LINING PROJECT
CM Status as of September 30, 2008
SAFETY

Monthly Injury/Illness Data

KPC
– 0 Recordable accidents for the month of September 2008
– 1 Recordable accident as of September 30, 2008
– 1 Lost Time accident
– Total Man-Hours worked to date 213,956 man-hrs

ACJV
– 0 Recordable accidents for the month of September 2008
– 4 Recordable accidents as of September 30, 2008
– 0 lost time accidents
– Total Man-Hours worked to date 170,911 man-hrs

Near Miss:
ACJV was conducting sheet pile operations at Drop 2 West on 9/22/08 during spill gate release event. The work crew elected to re-enter the canal during this event. The worker’s boat over turned in the canal causing both workers to enter the water. No injuries or property damage reported. ACJV is implementing safety precautions for marine operations.
ENVIRONMENTAL ITEMS

- No endangered species incident reported
- No cultural resources incident reported
- No hazmat incident reported

Successful wildlife rescue of a brown pelican, an endangered species, in Reach 1B, Area B2
Updated ACJV Baseline Schedule
As of September 30, 2008

Mobilization - June 29, 2007

Dewater Reach 2 - Apr 4, 2008 Early Finish (EF)

Excavate to Canal Prism Invert Reach 2 - Nov 16, 2007 - EF

Grade and Trim Canal - Dec 20, 2007 - EF

Place Concrete for Mainline Reach 2 - Jan 16, 2008 - EF

Begin Fill Reach 2 - Apr 15, 2008 EF

Divert Flow To Lined Canal Reach 2 Jun 4, 2008 EF

Install Coffer Dam Tie-In Upstream Drop 2 North East Side Jun 12, 2008 EF

Reach 2 OLS Operation Complete Sept 19, 2008

Prewet Reach 3 - Jan 15, 2008 - EF

Dewater Reach 3 - May 26, 2008 - EF

Excavate to Canal Prism Invert Reach 3 - Feb 5, 2008 - EF

Grade and Trim Canal - Apr 25, 2008 - EF

Place Concrete for Mainline Reach 3 - Apr 15, 2008 - EF

Fill Reach 3 - Jun 12, 2008 - EF

Divert Flow To Lined Canal Reach 3 Sep 17, 2008 EF

Build Flume - Jan 30, 2008 - EF

Start May 12, 2008

Build OLS - August 26 - EF OLS Operational NLT Aug 31, 2008

Reach 2 & 3 Startup Project/Acceptance Aug 31, 2008

Reach 2 & 3 Contract Completion Date Apr 10, 2009

Earned Value Projected 99.1%, Actual 98.5%
Updated KPC Baseline Schedule
As of September 30, 2008

- Mobilization - Sep 1, 2007 Early Finish (EF)
- Submittals October 12, 2008 - EF
- Prewet Reach 1A, October 30, 2007 EF
- Excavate to O&M Reach 1A - Dec 07, 2007 - EF
- Dewater Reach 1A - Mar 02, 2009 EF
- Excavate to Canal Prism Invert 1A - January 08, 2009 -
- Grade and Trim Canal Reach 1A - Jan 13, 2009 - EF
- Place Concrete for Reach 1A - February 12, 2009 - EF
- Fill Reach 1A - Mar 24, 2009 - EF
- Prewet Reach 1B - May 30, 2008 EF
- Excavate to O&M Reach 1B - Jun 24, 2009 - EF
- Dewater Reach 1B - Feb 08, 2010 - EF
- Excavate to Canal Prism Invert Reach 1B - Dec 23, 2009 - EF
- Grade and Trim Canal - Dec 30, 2009 - EF
- Place Concrete for Reach 1B - January 18, 2010 EF
- Fill Reach 1B - Feb 8, 2010 EF Includes Tie-Ins
- Sep 10 07 Start of Permanent Sheet Pile Work
- Earned Value Projected 79.0%, Actual 75.8%
- Reach 1A & 1B Contract Completion Date March 31, 2010
Excavation to Invert Grade Completed to Date:
- ✓ Reach 1A (1A-1 through 1A-4)
- ✓ Reach 1B (B-3)
- ✓ Reach 2
- ✓ Reach 3

Mainline Canal Paving Completed to Date:
- ✓ Reach 1A (1A-1 through 1A-4) *
- ✓ Reach 2
- ✓ Reach 3

Transition Concrete Paving Completed to Date:
- ✓ Reach 2 – Tie-In at Sta. 1934 Southwest and Southeast
- ✓ Reach 2 – Tie-In at Drop 2 Southeast
- ✓ Reach 3 – Tie-In at Drop 3 Southeast
ACJV
Updated Summary as of September 30, 2008

✓ Earned Value to date is 99% of total contract amount
✓ Project is ahead of schedule
✓ Station 1934 Sheet pile cofferdam removed
✓ Drop 2 Northeast paving commenced
✓ Turnout Structure Phase 2 under construction
✓ Water diverted to new Reach 3
✓ Cofferdam installed at east end of old Reach 3
Earned Value is 75.9% of total contract amount.

KPC has installed 368 primary, and 98 auxiliary invert, dewatering wells in Reach 1A, and 357 dewatering wells in Reach 1B.

KPC suspended excavating to invert at B2 pending direction to proceed using revised drawings.

KPC Aggregate Washer is being erected. Parsons will test re-washed & re-screened aggregate for compliance with specification gradation requirements as soon as production samples are available.

KPC Batch Plant being erected. Pursuing offsite concrete supply to pave T1 & T2 Right until KPC batch plant is operational.
ACJV ISSUES

- SCOPE
  - Electrical T & M – $13,000
  - Fish Recovery - $63,000
  - OLS Turnout - $475,000
  - 3 phase electrical from RTU-2 to OLS Gate motors

- SCHEDULE
  - Milestone 1 missed

- QUALITY
  - Completion of Instrumentation and Control Systems for OLS
  - Coarse aggregate gradations not meeting specifications for pours at Drop 2 NE
  - 5” max well graded gravel
KPC ISSUES

➢ SCOPE
  ▪ Reduction in Length of Transition T2 – Negotiating
  ▪ Removal & Replacement of Unsuitable Material in T1 – Under Internal Review

➢ SCHEDULE
  ▪ Erection of KPC’s batch plant
  ▪ Erection of KPC’s aggregate washer
  ▪ Approval of KPC’s proposed concrete from an offsite source
  ▪ Resolution of transition cutoff wall design issue

➢ QUALITY
  ▪ Coarse Aggregate
  ▪ Verification of KPC’s Pre-wetting Procedure
  ▪ Maintenance of moisture content at B3 & T1.
AA CLP
Divert Water Flow Into New Canal

Reach 2       June 4, 2008
Reach 3       September 17, 2008
B1            December 8, 2009
B2 & B3       November 30, 2009
NEAR TERM LOOK AHEAD

- Complete Phase 2 turnout
- Complete paving at Tie-In at Drop 2 NE
- Remove sheet pile at Drop 2 NE
- Complete commissioning of RTU’s 1, 2, and 3.
- Installation of Reach 3 compacted embankments
- Complete installation of flume bridge fence

- Commence paving operations in T1
- Repair breech in sheet pile at T2 and complete excavation
- Continue excavation at B2
- Commence mainline paving operations at B3
- Complete batch plant erection
- Commence coarse aggregate wash and screening operation
Ames Sheet Pile crew removing permanently removing temporary sheet pile at Sta. 1934+00 tie-in. Looking North from Sta. 1942+50.

Temporary sheet pile removal at Sta. 1934+00 complete. Looking South from North side of I-8 bridge crossing.
Ames crew maintaining moisture on final grade at the Drop 2 Northeast Tie-in. Looking East from Sta. 2188+50.

Coffman Specialties crew paving North slope of Drop 2 Northeast Tie-in. Looking East from Sta. 2188+50.
Ames / Coffman carpenters forming the Turnout Structure (phase 2 outlet) base slab.

Ames / Coffman carpenters forming the back and side walls of the Turnout Structure.
Removing temporary sheet pile using Divers at Drop 2 Southwest to divert water into new Reach 3.

Driving temporary sheet pile blocking off old Reach 3.
Looking West from Drop 2 Structure.
Facing North at Flume Bridge Fence Installation

Earthwork in preparation of crane for sheet pile installation at old Reach 3 West, Facing East from Drop 3
Excavation to final grade complete at the T1 North Tie-In.

T1 North Tie-In facing East overlooking A1 earth plug.
Excavation to Final Grade complete at T2 Northeast Tie-In. Looking North towards I-8 crossing.

Sheet Pile Breech causes T1 Northeast Tie-In to flood. Looking North towards I-8 crossing.
KPC PHOTOS

Common embankment along Sta. 1863 along the right side of the proposed canal facing upstream.
Kiewit Steel Crew tying rebar for the Power Pole #7 Reinforced Concrete Base Slab.

Sprinklers acting as a cooling unit while Power Pole #7 Base Slab concrete cures.
KPC PHOTOS

Pre-Wetting Reach 1B (Area B2)

Batch Plant erection at KPC Yard
Moisture conditioning canal prism at Reach 1B (Area B3)

Water seepage at Drop 1 Tie-In Embankment