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# **DISCLAIMER**

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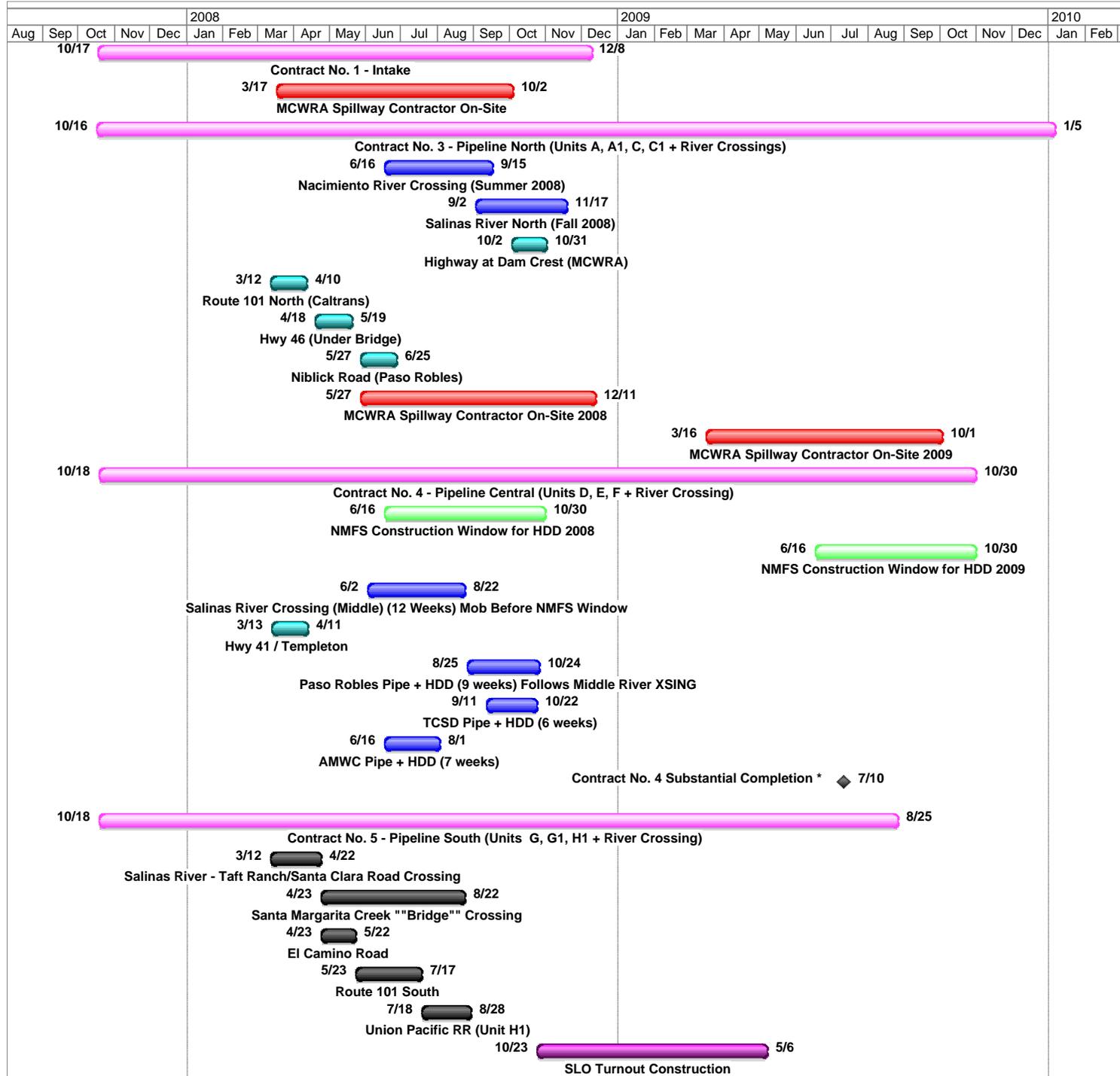
**THE CONTENT OF THIS PRESENTATION SHALL BE USED FOR INFORMATIONAL PURPOSES ONLY. THE CONTRACT DOCUMENTS LISTED BELOW PRESENT ALL REQUIREMENTS FOR THE WORK:**

- CONTRACT 300187.08.01 – INTAKE
- CONTRACT 300187.08.02 – FACILITIES
- CONTRACT 300187.08.03 – PIPELINE NORTH
- CONTRACT 300187.08.04 – PIPELINE CENTRAL
- CONTRACT 300187.08.05 – PIPELINE SOUTH



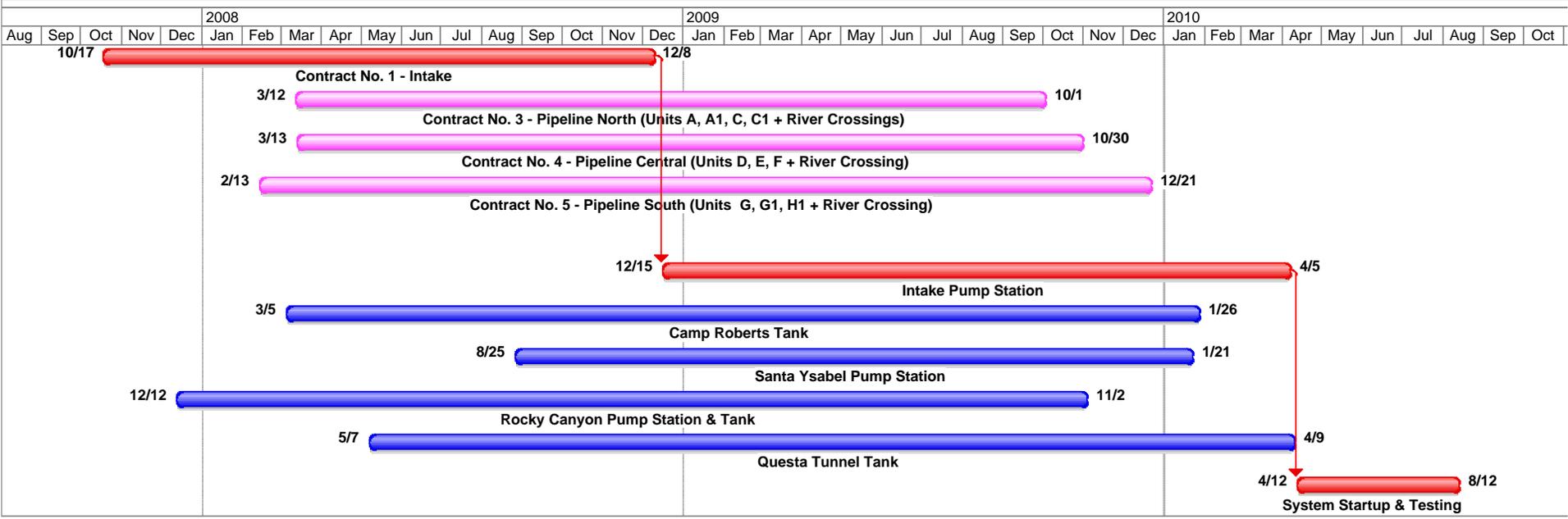
# Construction & Schedule Constraints

- Refer to Sections 01010 & 01311
- Summary of Coordination Requirements
- Schedule Constraints Between District Contracts
- Schedule Constraints with MCWRA & Camp Roberts
- Other Schedule Constraints are specified throughout the Contract Documents

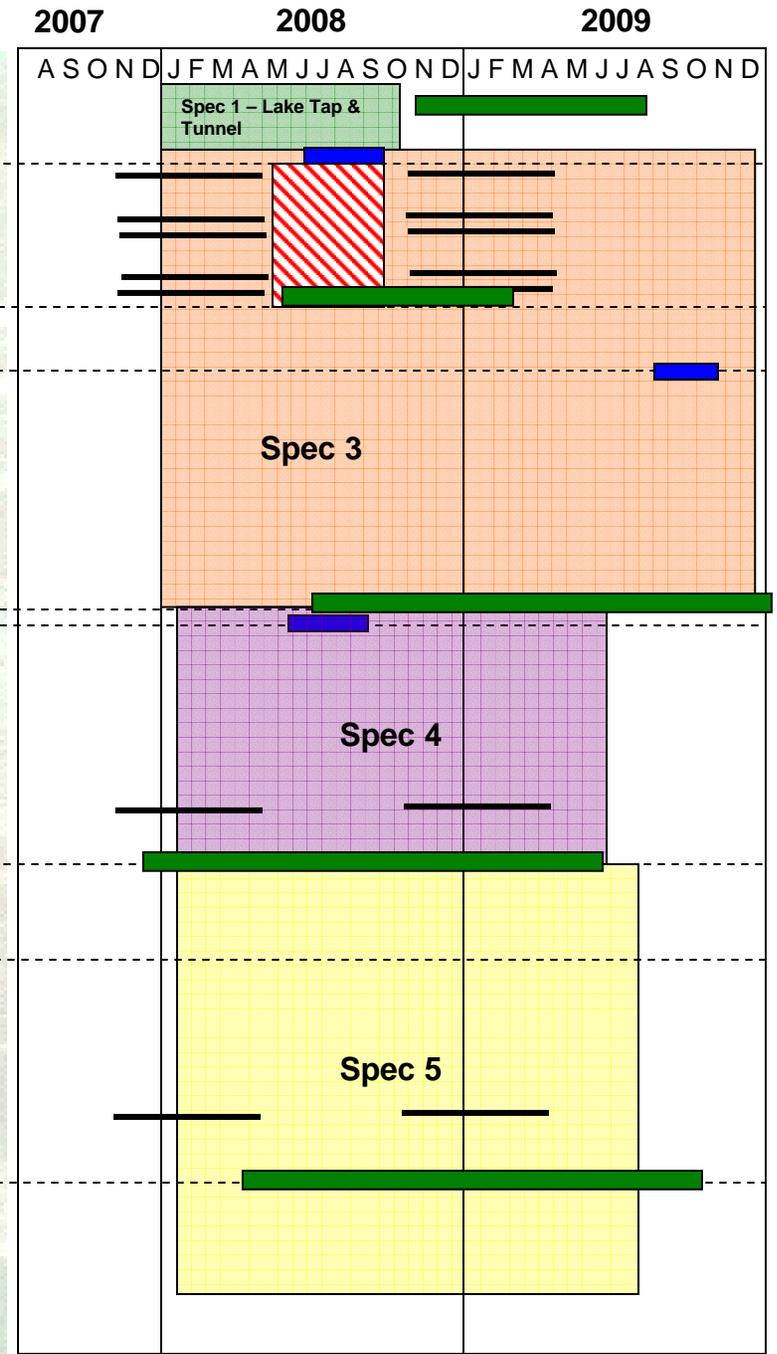
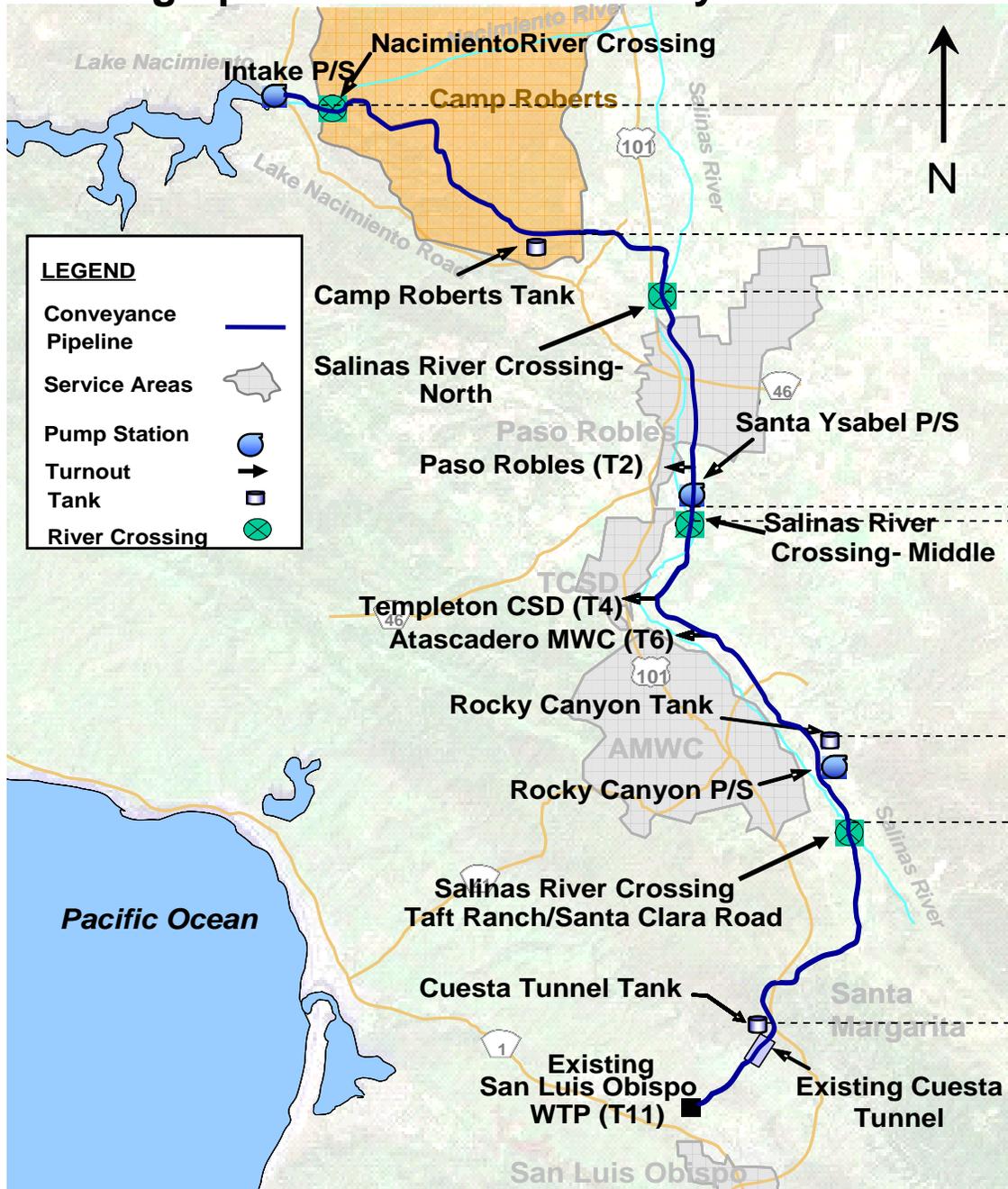




# Critical Path



# Geographic Schedule Summary





# Designer Topics

Specs 01, 03, 04 and 05  
Pre-Bid Conference



# Pipeline Bid Alternatives

- Pipeline - - Base Bid
  - Alternative Pipe Materials Allowed - - WSP/DIP
  - Evaluation of Bidders to be performed using the “Base Bid”
- Pipeline - - Alternative Bid
  - Increase Pipe Diameter by 6”
  - Asking for Bids for Pipe Alternates
  - Will Evaluate and if Feasible, Notice of Award may be based on Alternative Bid



# Pipeline Installation Trench Section

- Section 02202 – Trenching and Backfilling
- Pipeline Installation Demonstration Test Sections – 80 ft length
- Validate proposed procedures for placing and compacting pipe bedding, pipe zone backfill and trench zone backfill materials



# Pipeline Installation Pressure and Leakage Testing

- Refer to Section 02704
- Pipeline is tested in max. 5000 ft segments
- First 1 mile pipe that is installed gets tested
- Test Water – see Section 01500



# Construction Permits

- Refer to Section 01060 & Appendix C
- Caltrans
- UPRR
- County / City Encroachment
- Cal-OSHA Tunnel Classification
- CDFG
- RWQCB / SWPPP



# Road Encroachment Requirements

Tom Stokes - County of San Luis Obispo  
Ditas Esperanza – City of Paso Robles



# **Camp Roberts Access and Restoration**

LTC Kevin Brown



# **Environmental Permitting and Monitoring**

Mark Hutchinson, Manager, Environmental  
Programs Division

Eric Wier, Environmental Resource Specialist



# Environmental permitting requirement highlights

- Directional drilling across Salinas River
  - endangered bird and threatened steelhead trout
  - limit window indicated in contract documents
- Riparian habitat with nesting birds
  - limits window as indicated in contract documents unless surveys determine breeding birds are absent,
  - construction also permitted in summer months as indicated in contract documents. These areas are shown on the environmental drawings.



# Environmental Permitting

- Cultural sites cleared prior to construction
  - unexpected finds still must be evaluated, but delays to be minimized
- Hazardous materials areas
  - potential along El Camino Real adjacent to Conoco-Phillips facility, at railroad crossings and known contamination between Highway 101 and Santa Margarita Creek near Tassajara Creek Road
- County site for disposal of non-contaminated fill, including HDD spoils



# Environmental monitoring program

- Approach to Project during initial planning and design has stressed constructability
- Team effort
  - Professional monitors under contract to Jacobs and working alongside construction crews
- Monitoring team objectives:
  - stay in compliance with permit conditions,
  - stay ahead of potential environmental problems by training construction crews and anticipating situations;
  - facilitate efficient construction



# Environmental Monitoring

- Monitors will:
  - conduct pre-construction surveys to clear sensitive areas,
  - assist in delineating environmentally sensitive areas,
  - assist contractors in staying in compliance with water quality protection requirements
- SLO County Public Works Department has own environmental division;
  - involved from pre-design through completion of mitigation requirements.
  - Facilitate communication with regulators through long-standing relationships.
  - Environmental staff will be assigned to Project through construction.



# Bid Requirements

- Contractor qualifications
  - Pre-qualification requirements for certain elements
  - Bonds – “A” or better surety
  - License – Class “A”
  - Perform 50% of work
- Completed bid forms – complete and accurate
  - Subcontractor listing - > 0.5% of bid price
  - Bidder identification and proper execution
- No conditions, limitations or provisions



# Prequalified subcontractors

## Prequalified Contractors for Spec 1 – Intake Construction

- Affholder Incorporated
- Atkinson Contractors Inc.
- Barnard Construction Company, Inc.
- James W. Fowler, Company
- J. F. Shea Construction, Inc.
- Kiewit Pacific Company
- Vadnais Corporation

## Prequalified Subcontractors for Horizontal Directional Drilling

- ARB, Inc.
- The HDD Company, Inc.
- Kinnan Engineering, Inc.
- Mears Group, Inc.
- Michels Corporation
- Southeast Directional Drilling, Inc.



# Optional Tours

<b>Time</b>	<b>Subject</b>	<b>Location</b>
11:30 – 4:00	Core Samples available for viewing	County Shop -
1:00 – 3:00	Camp Roberts (Spec 3) alignment tour – meet at Camp Roberts for bus tour. Park at Bld 6038.	Camp Roberts
12:30 – 3:30	Lake Nacimiento Dam (Spec 1) site observation.	Lake Nacimiento Dam
Discretionary	Self-guided tours of Spec 3,4 and 5 alignments on public right of way only.	



# Questions

[www.slocounty.ca.gov/PW/NacWP.htm](http://www.slocounty.ca.gov/PW/NacWP.htm)