

City of Lakeport
Downtown Improvement Project – Phase II
Pre-Bid Meeting
March 2, 2016
Agenda

1. Introductions

City Staff

- Paul Curren, City Engineer and Project Manager
- Kevin Ingram, Community Development Director
- Dan Chance, Associate Planner
- Tom Carlton, Chief Building Official
- Doug Grider, Public Works Superintendent
- Jim Kennedy, Public Works Foreman
- Don Meri, Inspector

Design Staff

- Cathy McKeon, Crawford & Associates - Civil
- Mike Wanecek, Rau & Associates - Surveying
- Bill Harris, Harris Design - Landscape
- Mars Burnside, Mars Burnside Engineering – Electrical

2. Project Scope Review

Overview

- All new water services
- All new sewer laterals
- Additional Storm Drainage Inlets and Piping
- All new sidewalks, curb, gutter and ramps
- Pavement is Mill and Fill with Underlying Dig outs/Replacement
- Street light relocation
- New irrigation system

Working Hours

- Nights 6 PM to 6 AM
- Sunday Night through Thursday Night
- 10 hour minimum work shifts
- No day work which affects parking or traffic
- Sound restrictions after 10 PM

Street Access-Traffic and Pedestrian

- Entire street closed to vehicles during night work hours
- Entire street open including parking* during day
 - Day time parking restrictions limited to block by block sequence
- Most businesses closed at 6 PM
- Several restaurants open till 10 PM
- Two bars open till 2 PM

Safety Supervision

- Night
 - Full time person devoted to traffic control and public safety,
 - No other responsibilities during work shifts
- Day
 - Full time person devoted to coordination and communication with businesses and City staff
 - Person has capacity and authority to immediately remedy any concerns or access problems.
 - After checking business access with businesses and with City staff, may perform other duties
 - Available in late afternoon to meet and communicate with night time construction foreman.

Traffic Control

- Traffic Control Concept Plan Provided – requires review and stamping by qualified professional
- Barricades can be stored on street in blocked parking spaces to facilitate closing and opening streets
- First Street closed only when working in intersection
- Open trenches shall be plated during day if not backfilled

Pedestrian Access

- Schematic access plan for businesses provided, revise as necessary and provide submittal with details
- When sidewalk reconstruction underway, provide access to each business in block under reconstruction.
- Sidewalks must have 5 foot width open at all times during day.
- Trench and excavations to be covered with steel plates or plywood.
Suggested plan detail

Construction Phasing

- Construction schedule provided
- Provide workforce to meet schedule
- Recognizes weather dependent impacts
- Utility work performed anywhere on project
- Sidewalk reconstruction on block by block basis

Construction Schedule

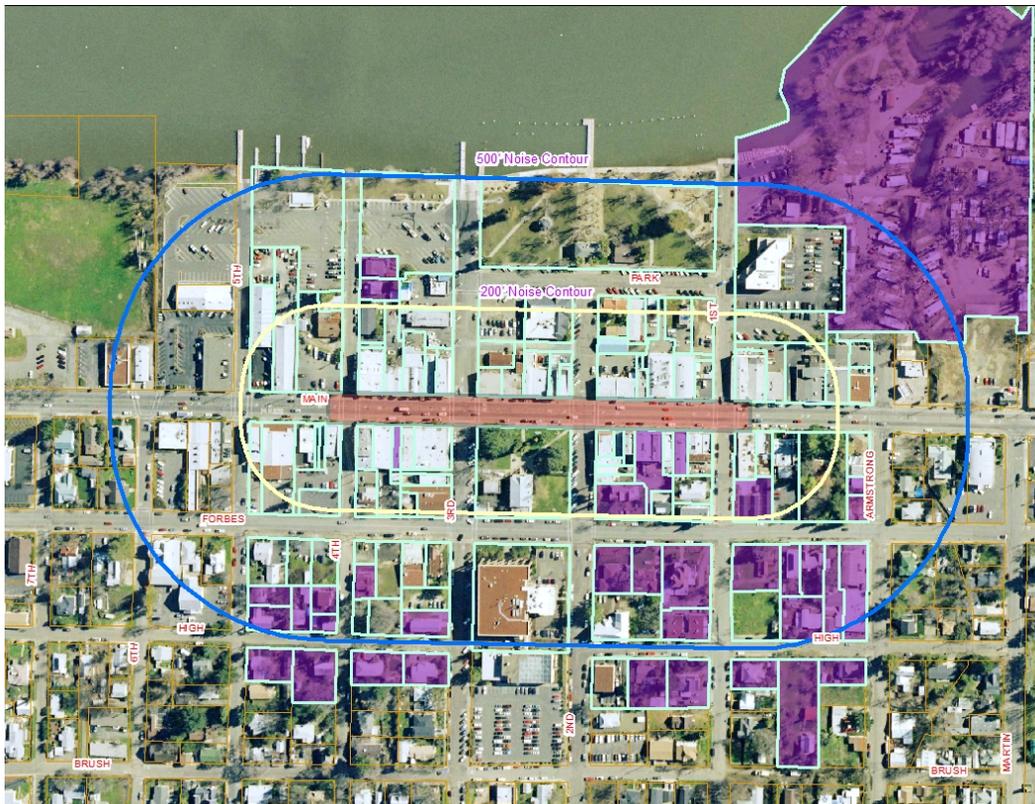
- Contract Award by Council April 5, 2016
- Pre-Construction Meeting April 19, 1 PM
- Notice to Proceed/Start Work April 20, 2016
- Potholing and Preparation Work 4/20-4/28
- Sidewalk West Side – 2nd to 3rd 5/1-5/12
- Sidewalk West Side – 3rd to past 4th (except Memorial Weekend)
5/15-5/27

- Sidewalk East Side – 3rd to past 4th 5/30-6/10
- Sidewalk East Side - 2nd to 3rd 6/12-6/23
- Sidewalk East Side – s/o 1st to 2nd (excludes July 1 – 4) 6/26-7/7
- Sidewalk West Side – s/o 1st to 2nd 7/10-7/21
- Complete Utility and Sidewalk Work July 21, 2016
- Paving Work July 24-28, 2016
- Completion and Punch list August 23, 2016

Sound Requirements

- Normal working sound levels extended to 10 PM
- Loud demolition limited to 10 PM
- Only 5 residents within 100 feet of project – City will monitor
- City will monitor sound levels at sound boundary
- Tests to date indicate ad 15 to 20 dba drop one street over.

Sound Map from Ordinance



Surveying

- Contractor preforms all surveys
- City provides grades on hardcopy drawings
- Electronic files available through Crawford by private arrangement
- Cold milling to grades included in project.

Demolition

- Demolition required for concrete work to be included in concrete items
- Demolition required for utility work to be included in respective items
- Pavement cold planning and demolition included in respective items
- Memorial plaques
- Bus Shelter
- Miscellaneous items, other items under lump sum.

Potholing and Location Work

- Contractor's responsibility
- First order of work is to pothole water and sewer services at buildings
- Anticipated that these will not be backfilled until work is performed
- Provide plywood covers per plan
- Most of water services and sewer laterals identified by City
- City will work with Contractor to resolve any unknown conditions.

Water Line Work

- All existing water services replaced from main to building
- A few new water services including sleeve to building
- New and relocated fire hydrants
- Chlorination and testing requirements
- Notice to residents/businesses Contractor's responsibility
- Must have service restored by morning each day
- Must locate boxes per concrete jointing plan

Sewer Work

- All existing sewer laterals replaced
- Additional new service laterals to be placed (coring)
- New secondary (shoefly) lines
- Testing requirements for mains to new building cleanouts
- Visual only between cleanout and building
- Notice to residents/businesses Contractor's responsibility
- Must have service restored by morning each day
- Must locate cleanouts per concrete jointing plan

Storm Drainage Work

- New Inlets and Manholes
- All Class V elliptical RCP
- Uphill galleries

Street Lights

- May shut off lights on one block on one side at a time.
- All existing street lights relocated
- New street lights added

- Old splice boxes removed and conduit reconnected
- New splice boxes with conduit terminations
- New service and service cabinet
- Anticipate installing new light pole foundations early on
- Anticipate day work on electrical when sidewalk demolished
- Street crossings at night

Tree Grate Outlets

- Outlets under tree grates
- One outlet for full time power
- One outlet for photovoltaic controlled lighting
- Pigtails color coded
- Extra pigtails to be supplied
- Bid items for conduit, wiring and outlet installation

Irrigation

- New master controller at electrical service
- New backflow preventer
- Service to street lights and street trees
- Anticipate day work on irrigation when sidewalk demolished
- Street crossings at night
- Entire irrigation shutdown during project until new system operational
- Extended to project limits for future extension

Concrete

- Provide ADA access to all buildings and at street corners
 - Variable sidewalk slopes
 - Most Designed to 1.5% cross slopes
 - A few locations right at 2% !!!
 - Variable curb faces (4" to 7") to provide drainage
 - 3 locations with raised walkways to buildings with handrail
 - Sign inserts
 - Flagpole Inserts
 - Locations of boxes relative to score lines critical – important during utility work.
- Test Panel
 - For plain and colored/stamped concrete
 - Constructed at night to match working conditions
 - Used to judge quality of workmanship
- Jointing
 - Deep joints every 8 feet – CONTROL CRACKING!!!
 - Architectural concrete with set jointing pattern
 - Utility boxes need to be carefully aligned as indicated on plans
- Protection at Business Entrances
 - Place early in evening to allow maximum cure time
 - Can delay opening till 8 AM

- Place cardboard sheeting (RAM board type) for foot traffic for first 48 hours
 - Coordinate with business owners
- Construction details at buildings provided

Paving

- Cold planning to plan elevations – average 3 inches or less
- 6 inch replacement below cold planed surface from south project limit at First to Second Street
- 6 inch replacement at utility crossings of existing travel lanes.
- 6 inch replacement longitudinally at new sewer lines (4 foot width)
- 3 inch replacement below grind at some locations
- Single lift allowed for replacements under mill with density
- 2010 Caltrans Section 39 HMA mixes
- 1 inch leveling using 3/8" HMA – Method process, pneumatic required
- Composite geogrid interlayer on Main Street, not side streets
- Interlayer within 6 inches of curb and no excess overlaps
- 2 inch surface course of 1/2" HMA – Standard Process
- See specs for materials QC requirements including gauge testing

Finishing

- All thermoplastic pavement markings by square foot except 4 inch lines
- Signage to be placed as concrete completed
- Protect pavement and concrete during landscape installation
- Restoration of yard and stockpile areas

Other Items

- Addendum No. 1 out tomorrow
 - 2 revised landscape drawings
 - 1 revised sewer plan (3rd to 4th)
 - Referenced standard plans
 - Project new and revised standard plans
 - Copy of today's sign in sheet
 - Copy of today's agenda and PowerPoint
- Bid Schedule
 - Last Day for Questions March 15, 2016, 5 PM
 - Last Day for Addenda March 17, 2016
 - Open Bids March 24, 2016, 4 PM

Site Tour

- Contractor Construction Yard @ 9th
- City Corporation Yard @ Larrecou Ln.
- Stockpile Site @ Highway 175
- On site till 5 PM for questions