

TRENCHING/BORING GENERAL NOTES

(Required on all Applicable Sets of Plans Submitted for City Approval)

All work within City right-of-ways and easements shall conform to City Standard Specifications and Details.

Contact Underground Service Alert (USA) 48 hours in advance of construction at 1-800-227-2600 for location of buried utilities and before any digging, trenching, boring, grading, excavating, etc.

Contractor shall notify Engineer of record and City Engineering Inspector immediately of any conflicts or discrepancies between the plans and actual site conditions prior to doing any street work. No field changes shall be made without written authorizations from the Engineer of record and the City of West Sacramento.

The City Engineering and Public Works Departments shall be notified a minimum of one working day prior to potholing within any City right-of-way. The City Engineering Inspector shall be kept informed of the daily work schedule in writing.

The contractor shall notify the adjacent property owners in writing a minimum of 72 hours in advance of construction at the work site. Driveway closures shall be coordinated with the City Inspector and the property owner(s). Such closures shall require minimum 72 hours advance notice in writing, and approval of the City Inspector.

All traffic control shall conform to Cal Trans' Standard Handbook of Traffic Controls, latest edition. All traffic control devices shall be in place before work is started. Devices no longer required shall be removed as soon as possible.

Use of trench plates shall be minimized. Maximum duration of trench plates in any one location shall be 10 days except as pre-approved in writing by the City of West Sacramento. Trench plates shall be sized according to depth and width of trench.

Pedestrian traffic shall be maintained at all times. No equipment or materials shall be stored on the sidewalk at any time.

Excavated material shall be stored away from the paved roadway whenever possible. Storage of equipment, materials and/or portable toilet facilities on private property shall be accompanied by written permission of the private property owner. All spilled material shall be removed immediately to avoid slippery or otherwise hazardous circumstances. No equipment or materials shall be stored on the road/ sidewalk surface during non-working hours unless allowed by the City Engineer in writing.

Conduit and ducts shall be installed with a minimum cover of five (5) feet to minimize conflicts with existing/future City utilities. Any exceptions shall be a case-by-case basis with written approval from the City Engineer. Any conduits or ducts rejected or damaged during boring or trenching operations shall be removed and/ or replaced prior to re-bore or re-trench.

Minimum vertical separation of 24" shall be maintained between crossings of new conduits and existing utilities. Minimum horizontal separations of three (3) feet between new conduit and existing water and power utilities that run parallel and five (5) feet between new conduit and existing sanitary sewer and storm drain utilities that run parallel shall be maintained. Such minimum separations shall be maintained unless otherwise pre-approved in writing by the City.

All contractors and subcontractors shall adhere to all applicable worker safety requirements, and construction site safety requirements at all times. The contractor shall submit a detailed plan showing the design of shoring, bracing, sloping, or other provisions to be made for worker protection for all areas to be excavated to a depth of five feet or more before beginning work. If the plan varies from the shoring system standards, the plans shall be prepared and stamped by a registered civil or structural engineer.

Locations of splice boxes shown on the plans are approximate. Final locations of splice boxes shall be determined in the field with City approval after all existing utilities in the area of work have been located. Tops of splice boxes shall be set for future sidewalk installation in specified locations. All future splice boxes shall be placed with pedestrian traffic safety in mind until work is completed. Transitions in pedestrian areas shall be 30:1. Splice boxes placed in specified locations of future roadway pavement shall be traffic rated.

Existing signs, striping, guardrails, markers, trees, shrubs, fences, walks, steps, etc. that are disturbed by this construction shall be replaced and restored to their original condition or better, to the satisfaction of the adjacent property owner(s) and

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the City of West Sacramento. Repaired/replaced landscaping, shrubs, sod, etc. shall be maintained by the contractor until sufficient growth is established to the satisfaction of said property owner(s) and the City of West Sacramento.

No cutting any part of City trees, including roots, shall be done without approval from the City Parks and Community Services Director, under the direct supervision of a certified arborist. No open trenching shall occur within the drip line of any existing trees without the approval of a certified arborist. Open trenching in the root zone of a public tree is prohibited except in cases where the trenching falls outside of the drip line of the tree involved. Exceptions will be considered by the City if, in the opinion of the arborist, the impact of trenching upon the tree will be negligible. Contractor shall be responsible for hiring and paying for a certified arborist.

A lead person or foreman shall be assigned to each worksite. Contractor shall maintain a current list of contact names and phone numbers for all project owners, contractors and subcontractors, foremen, etc. Such list shall be provided to the City Inspector prior to project commencement, and updated as necessary during project construction.

Contractor shall notify City Inspector a minimum of 48 hours prior to any work occurring near or around any buried traffic signal loops. Signal loops cut or damaged shall be replaced by the contractor per City Specifications at no cost to the City. The contractor shall locate all traffic signal circuits and interconnect conduits prior to any trenching or boring. The contractor shall also maintain a minimum of five (5) feet of separation between new conduits and all traffic signal and interconnect conduits, controllers, and pull boxes. All traffic signal and interconnect conduits shall be maintained and protected during all contractor work.

The contractor shall replace all traffic striping, pavement markings and legends damaged during the course of construction with thermoplastic materials per City Standard Specifications to the City Inspector's satisfaction.

The City Inspector may require TV inspection of sewer mains and laterals upon suspected damage of such lines due to directional boring at the Inspector's discretion. Any such TV inspection shall be completed and evaluated prior to permit final. Any damage shall be repaired by the contractor at no cost to the City prior to permit final.

The City will require a set of Record Drawings including all pothole data, and a digital copy of the Record Drawings after completion of all work and in consideration of permit final.