MEMORANDUM

TO: Monica McGrath  
EMWD

FROM: Stuart E. McKibbin, City Engineer

DATE: January 10, 2020


Attached is the signed, conditional permit for your Bid Package, submit to City of Perris Special Condition as follows:

- Traffic Control Plan designed by a registered Traffic or Civil Engineer shall be submitted to the City Engineer for review and conformance prior to start of any work.
- Any open trench to be left overnight shall be steel plated securely and delineated for Public Safety.
- Developer or contractor shall employ a registered Traffic or Civil Engineer to be present during the initial installation of traffic signs to make adjustments as changes to adopt to the jobsite existing conditions. Also, to visit the site regularly to assure that installed traffic control are still effective in preserving Public Safety.
- Install required and necessary erosion control BMP's as mandated by the Water Quality Management.
- Acquire necessary permits from all appropriate agencies.
- Trench surface restorations shall be done per attached copy of the City of Perris Standard.
- Contractor shall contact and coordinate with the City Engineer office (Sharon Erb) to establish a draw down account for the plan checking and inspection fee.
- Contractor shall apply for an encroachment permit prior to start of any work.

Should you have any questions please contact Arman Bulaong via email at Arman@trilakeconsultants.com.
Application for Encroachment and Excavation Permit

* USA I.D. No.: __________ Work Order #: 19195 Encroachment Excavation Date: December 10, 2019

The Undersigned hereby applies for a permit to excavate, construct and otherwise encroach on City of Perris street right-of-way as follows: (Description of work and installation to be maintained. Submission must include a clear and complete set of plans, exhibits, and proposed traffic control, etc.)

EMWD’s contractor to install approximately 576 L.F. of 10-inch sewer; 90 L.F. of 10” sewer (in 30” steel casing); 246 L.F. of 10” sewer; 47 L.F. of 24” water siphon pipeline, including all associated appurtenances per attached District drawing. Location: Frontage Road & Placentia Ave. EMWD to operate and maintain upon completion and acceptance of work by the District Approximately 18 LF of pavement to be cut. Est. construction period: January 2020 – May 2020.

PROJECT NAME: I-215 & PLACENTIA AVE INTERCHANGE WTR & SWR RELOC
Work Location: Intersection of E. Frontage Road and Placentia Avenue, Indian Avenue and Orange Avenue.

*In consideration of the granting of this application hereby agree to:

1. Indemnify, defend and protect the City, its authorized agents, officers, representatives and employees, and Tri Lake Consultants, Inc. harmless from and against any and all penalties, liabilities for loss resulting from claims or court action and arising out of any accidents. Loss or damage to persons or property happenings or occurring as a proximate result of any work undertaken under the permit granted pursuant to this application.

2. Remove or relocate an encroachment installed or maintained under this permit, upon written notice from the Department of Engineering. Such notification shall provide justification and adequate lead-time. All removal of encroachments shall be at the expense of the permittee.

3. Notify the Engineering Department at least 48 hours in advance of the time when work will be started and upon completion of the work, immediately notify the Engineering Department.

4. Comply with the terms and conditions of the permit, and all applicable rules and regulations of the City of Perris and other public agencies that have jurisdiction.

5. Work at night or otherwise accommodate existing business. (Additional inspection fees apply for nighttime work).

6. In signing, applicant understands and agrees that no work is to be undertaken before issuance of actual permit.

7. City Business License required prior to issuance of permit.

8. Copy of insurance naming City of Perris as certificate holder.

Applicant Name and Address
Eastern Municipal District
P.O. BOX 8300
Perris, CA 92572
City Business License: N/A

Phone Number: (951) 928-3777 ext. 4416
Fax Number: (951) 928-6162
Email: mcgrathm@emwd.org

Applicant’s Authorized Signature*

*By signing, applicant understands and agrees with all conditions and requirements mentioned in this permit

Approved By: S. Turner Date: 1-10-2020 Permit Valid Until 3-1-2020

Permit shall be void unless work is completed on or before ___ days.

The following requirements pertain to this permit.

1. Traffic Control per WATCH/MUTCD is required for any work within the City right-of-way.

2. Permit not valid without underground service alert ID number.

3. Comply with standard and special conditions and utility trench surface repair attached.

4. The City of Perris Engineering Department shall be notified 48 hours prior to any construction. If Engineering Department is not notified, any work performed is subject to immediate removal.

5. Permit not valid without signature of field inspector, following the required pre-construction meeting.

6. This permit is to be strictly complied with and no work other than that specifically mentioned above is authorized hereby. Performance of the work shall be deemed to be accepted by the Permittee of all terms and conditions of this permit.

7. Contractor is responsible for submitting a completed Road Closure application to the Engineering Department 48 hours prior to the closure/reduction in width of any streets. Failure to do so will result in a work stoppage.

DEPARTMENT OF ENGINEERING
MIN. 0.15' GRIND & OVERLAY TO LANE LINE OR CENTERLINE.

MIN. 0.15' GRIND & OVERLAY TO TOP OF GUTTER OR LANE LINE (OR 10' EACH SIDE OF TRENCH IF PERPENDICULAR TO CENTERLINE).

3/8' LIP MINIMUM

EXISTING PAVEMENT

BASE MATERIAL AND 6' OF SOIL GRADE COMPACTED TO 95% RELATIVE DENSITY.

BACKFILLED COMPACTED TO 90% RELATIVE DENSITY
MAXIMUM LIFT THICKNESS IS 8 INCHES
MAXIMUM LIFT THICKNESS WHEN PONDING OR JETTING IS 4 FEET.

BACKFILLED COMPACTED TO 90%
RELATIVE DENSITY.

BEDDING & UTILITY BACKFILL PER UTILITY COMPANY OR MANUFACTURERS SPECIFICATION.

I. STRUCTURAL ZONE
II. INTERMEDIATE ZONE
III. PIPE & UTILITY ZONE

NOTES:

1. STREET STRUCTURAL SECTION TO BE AS FOLLOWS:
   A.C. SURFACING = MATCH EXISTING THICKNESS + ONE INCH.
   BASE = MATCH EXISTING THICKNESS (MOST USE CLASS II BASE)
   IN NO CASE SHALL THE STRUCTURAL SECTION SHALL BE LESS THAN
   3" OVER 6" CLASS II BASE. CITY MAY ALSO SPECIFY STRUCTURAL
   SECTION FOR ROADWAY IN CERTAIN SITUATIONS.

2. WHEN A FIRM FOUNDATION IS NOT ENCOUNTERED DUE TO SOFT,
   SPONGY OR OTHER UNSUITABLE MATERIAL, SUCH MATERIAL SHALL
   BE REMOVED TO THE LIMITS DIRECTED BY THE INSPECTOR, AND THE
   RESULTING EXCAVATION BACKFILLED WITH CLASS II BASE.

3. CONTRACTOR TO PROVIDE INSPECTOR COPY OF COMPACTION REPORTS
   PRIOR TO PAVING.

4. FOR SIGNIFICANT AND MAJOR ROADWAYS, THE SECTIONS SHALL BE
   AS APPROVED BY THE CITY ENGINEER ON A CASE BY CASE BASIS.

CITY OF PERRIS
CITY STANDARD
UTILITY TRENCH SURFACE REPAIR

APPROVED BY: __________________________ DATE: 01/24/18
CITY ENGINEER: __________________________

SCALE: NONE
STD. NO. N/A
CONSTRUCTION SITE BEST MANAGEMENT PRACTICES

THE FOLLOWING BMPs MUST BE PROPERLY USED AT ALL CONSTRUCTION SITES IN RIVERSIDE COUNTY TO PROTECT OUR WATERSHEDS FROM POLLUTION

BMPs must be properly installed and maintained on a year round basis.

Construction sites are prohibited from discharging pollutants into storm drains and introducing pollutants to local waterways, rivers, lakes and streams.

To stay in compliance with the law and keep your project on schedule, make sure your BMPs are in place and properly functioning. Your site must be checked and maintained daily.

**Erosion Control**

Erosion prevention is the most important measure for keeping sediment onsite during construction.

Wherever possible, rely on erosion controls to keep sediment in place. Minimize the disturbed area to protect natural features and soil. Control stormwater flowing onto and through the project. Phase construction activity and stabilize soils promptly. Prevent erosion by implementing soil stabilization practices such as mulching, surface roughening, permanent or temporary seeding. Perform a walk-through of the site to assess stabilization practices.

**Concrete Trucks /Pumpers / Finishers**

BMPs such as tarp and gravel bags should be implemented to prevent materials and residue from entering into the storm drain system.

**Dumpsters**

Always cover dumpsters. Areas around dumpsters should be cleaned daily. Perimeter controls around dumpster area should be provided if pollutants are leaking or discharging from the dumpster. The dumpster must be fully contained on the construction site and not in the right-of-way.

**Washout Area**

The disposal of "wet" construction materials should be handled in the washout area. This includes paint, stucco, and concrete. Do not wash out paint brushes in the street or dump any residue in the storm drain. Paint brushes and spray guns must be washed out into a hazardous materials drum, or back into the original container and disposed of properly. Washouts should never be in direct contact with the existing ground. Use a berm with an impervious liner to contain wet materials and prevent runoff to nearby areas. The washout area must be checked and maintained daily to ensure compliance. All dried material must be disposed of at a landfill.

**Building Materials / Staging Area**

Construction material must be stored on site at all times. Building material should always be covered when not in use to prevent dispersal or runoff caused by wind or rain. Flooding must also be prevented by monitoring your site before, during, and after rain events to ensure that BMPs are functioning properly and that there are not any safety issues.

**Encroachment Permits**

The right-of-way varies from the face of the curb to the private property line. Any construction work within the right-of-way requires an encroachment permit.

**Portable Toilets**

Portable toilets must be placed on a flat level surface away from any flow line. Portable toilets must have a secondary containment tray. Portable toilets must also be placed behind the curb. Avoid discharging solutions from coming in contact with the soil.

**Perimeter Controls**

Perimeter controls are different and separate from erosion controls. Gravel bags, silt fences, and straw wattles are acceptable perimeter controls, and must be used to surround the entire site. Avoid running over perimeter controls with vehicles or heavy equipment to prevent damage to the BMPs. Keep extra absorbent materials and/or wet/dry vacuum on site to quickly pick up unintended spills.

**Dirt and Grading**

Dust control measures shall be implemented during grading operations and throughout all aspects of site development. Mounds of dirt or gravel should be stored on site and sprayed daily with water to prevent excessive dust. The materials should be covered when not in use. For areas that are active and exposed, a wet weather active plan, including additional BMPs, should be in place to protect the site during a rain event. Sites must have designated entrance/exit with adequate track out controls to prevent the transport of dirt/gravel from the site.

**Earthmoving Equipment**

Vehicles and earthmoving equipment should be cleaned, fueled and maintained off-site or in a designated contained area. Mud tracks and dirt trails left by equipment leading to and from the site must be cleaned up immediately.

**Storm Drains**

Storm drains must be protected at all times with perimeter controls, use ½ inch gravel bags. Sand bags should not be used for inlet protection because they do not permit flow-through. Replace ruptured or damaged gravel bags and remove debris from the right-of-way immediately.

Revised December 2014