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CITY OF MOUNTAIN VIEW

Excavation Permit Application

Public Works Department • Land Development Section
Telephone 650-903-6311 • Fax 650-962-8503

An excavation permit is required from the City of Mountain View for work within the street right-of-way. The following information is needed to issue an excavation permit. If you need any assistance, please call the Land Development Section of the Public Works Department.

A. Application Form

Complete the attached Excavation Permit Application form (see Page 13) and submit the application with the required materials (e.g., proof of payment of fees/business license, insurance w/endorsement, work/traffic control plans, etc.) to the Public Works Department Land Development Section. Please allow a minimum of 15 working days for the permit to be issued.

B. Plans of the Work (4 Sets)

Minor Projects: For services perpendicular to the street, the plans of the work must be legible and show:

- Location, size and pipe material of the proposed utility services.
- The location of the City mains in the street right-of-way if the proposed utilities are to connect to or cross over or under the City mains, except for the installation of a routine water or sewer service for a single-family home.
- Existing curbs, sidewalks and driveways that will be impacted by the proposed work.
- Existing trees, utility vaults, boxes and other structures within 10′ of the proposed work.
- Location of existing traffic signal facilities (e.g., detector loops, conduits, etc.) that may be impacted by the proposed work.
- See attached sample plan.

Major Projects: For projects where underground utility lines are proposed to be installed parallel to the street, 24″ by 36″ size plans are to be prepared in accordance with Section R. (May require 8 sets.)

C. Traffic Control Plan (4 Sets)

1. A traffic control plan is required for all work that impacts traffic on an existing street. See attached examples. For routine work, such as for the installation of a water or sewer service at mid block, the attached examples may be used in lieu of a custom traffic control plan. For proposed utility line crossing a signalized intersection, the work must be completed in phases. Traffic control plans shall show the existing lane striping, traffic flow pattern with directional arrows, medians, delineators (cones), signs and other warning devices for each phase of the work.

2. Work on congested or signalized intersection may need to be completed in phases. Congested intersection may require the contractor to hire Police Officers or Community Service Officers to direct traffic. Work hours are typically restricted. In some cases, to minimize disruption, work may be required on Saturday or Sunday. See Section O.

D. Contractor's Insurance Certificate and Endorsement Naming the City as an Additional Insured

Provide an insurance certificate with the following:

- $1 million General Liability insurance.
- $1 million Automobile Liability insurance.
- $1 million Workers' Compensation.

Provide a Commercial General Liability Endorsement (CG 20 10 10 93 or CG 20 10 11 85) naming the City as additionally insured with the required three statements.

See the attached insurance requirements and examples. A fax of the certificate and endorsement from the insurance company will be accepted, provided the insurance company concurrently mails the originals to the City.

E. Contractor's Licenses

Provide the following on the application:

- Contractor's State license number.
- Contractor's City business license number. (Please contact the Community Development Department at (605) 903-6313 for applications or information on obtaining a City business license.)

F. Excavation Permit Fees

Submit a check made out to the City of Mountain View for the excavation permit fees. The permit fees are based on the number of hours of inspection and are calculated from the itemized table.

On large projects or where required by the City, plan check and inspection fee rates may be required instead of the hour excavation permit fee.

If the actual cost of inspection exceeds the inspection fee amount for large projects, the permittee shall pay the additional cost of inspection within 30 days of being invoiced by the City.

G. USA Identification Number

If the work is scheduled within the next two weeks, the contractor must provide the USA (underground service alert) identification number prior to issuance of the excavation permit. The telephone number of the USA regional notification center is (800) 642-2444 or (800) 227-2600.

H. Water Service Application

- A water service application is required for any new City water service, irrigation service, fire service, water meter and irrigation meter.
- The applicant may be required to pay water fees with the water service application.
- A separate permit, an approved backflow prevention device and a City meter are required for temporary construction water from fire hydrants and/or existing water services during construction. Contact the meter shop at 650-903-6328 for further information.

I. Sewer Service Application

- A sewer service application is required for any new City sanitary sewer lateral.
- The applicant may be required to pay sewer fees with the sewer service application.

J. Storm Drainage Fee

For connections to the City storm drains and catch basins, the applicant will need to (1) request permission to connect to the storm drain and (2) pay the storm drainage fees, if the fees have not been paid in the past.

City-maintained storm drain lines in the public right-of-way shall be 12" minimum RCP.

K. SCVWD Exploratory Boring Permit

For soil borings that are 45' or more in depth, a copy of the Santa Clara Valley Water District exploratory boring permit is required.

L. Bonds

On large projects or when required by the City, a faithful performance bond may be required. The amount of the bond shall be equal to 100 percent of the approved construction estimate for the work. Use the enclosed faithful performance bond form for excavation permits.

The surety (bond company) must be listed as an acceptable surety on the most current Department of the Treasury's Listing of Approved Sureties on Federal Bonds, Department Circular 570. This list of approved sureties is available through the Internet at *www.fms.treas.gov/c570/index.html*.

The bond amount must be below the underwriting limitation amount listed on the Department of the Treasury's Listing of

Approved Sureties. The surety must be licensed to do business in California.

Additional bonds or different types of bonds may be required by a franchise or encroachment agreement/permit for the proposed work.

M. Encroachment Permit

An encroachment permit is required for private facilities located within the public right-of-way.

N. Street Construction Moratorium

Excavating within a street that was overlaid with AC or constructed within the last five years is prohibited, unless the City grants an exception.

O. Working Hours

1. Normal working hours are from 7:30 a.m. to 4:00 p.m., Monday through Friday, excluding holidays.

2. For congested street and intersections, it may be necessary to perform the work from 9:00 a.m. to 3:00 p.m., Monday through Friday, or on weekends from 9:00 a.m. to 3:00 p.m.

3. Night work is not allowed due to impact to adjacent residences and due to inspection availability and costs.

4. For work performed on weekends, the effect of construction noise on adjacent residences and organizations, such as churches, must be considered. For work next to a church, the work is typically prohibited on Sunday mornings. Work next to residences is limited from 9:00 a.m. to 3:00 p.m.

5. For work adjacent to a movie theater, school, Center for the Performing Arts, Shoreline Amphitheatre, etc., the work is typically prohibited during the operating hours of these facilities.

6. No work shall be performed in the downtown area on days when special events are held in the downtown area.

P. Phased Construction

1. Large project over 2,000′ to 3,000′ in length along a street will need to be constructed in phases. The contractor will need to complete the work in the first phase, including the finished pavement surfacing and any correction work, before beginning work on the next phase.

2. For work in the downtown area, work must be completed in one or two block phases.

Q. Schedules

For large projects, the proposed number of working days to complete all of the work must be specified. Unnecessarily long schedules will not be allowed. The contractor must complete all work in a timely manner. Liquidated damages will be assessed for exceeding the number of working days. Issuance of future permits will be withheld, until the entire work is completed.

R. 24″ by 36″ Civil Engineering Plans

For projects where underground utility lines are proposed to be installed parallel to the street, the following applies.

1. The plans are to be drawn on 24″ by 36″ size sheets at a scale of 1″=20′ with 1.5″ borders and minimum 0.12″ text height.

   One-half scale review sets may be submitted on 11″ by 17″ sheets at a scale of 1″=40′. Add a scale bar on all plan sheets. Please note that the final set of plans submitted to the City for signature must be 24″ by 36″ in size at a scale of 1″=20′ with 1.5″ borders and minimum 0.12″ text height.

2. The plans are to accurately show all surface and subsurface improvements on both sides of the street. This includes all utilities, such as underground electric lines, telephone lines, gas lines, fiber optic lines, storm drains, sewer laterals, water services,

etc. The utility owner, number of lines and size of lines are to be shown.

3. The permittee shall draw the existing improvements based on as-built plans, surface field survey, and other available information to accurately show all surface and underground improvements on the plans.

4. Plans not drawn to proper scale, schematic plans, poorly drawn plans or incomplete plans submitted for review will be rejected.

5. Interim plans (e.g., drafts, preliminary drawings, Building Department review documents or other work-in-progress documents) must include the name and license number of the licensed civil engineer in responsible charge. These interim plans must also include a notation indicating their status (e.g., "preliminary" or "for plan check only" or "not for construction"). Civil engineers may place their stamp on interim plans to satisfy the requirement of including their name and license number.

   All final plans submitted to the City must be stamped and signed by a State of California registered civil engineer. Each sheet must be signed and stamped by the registered civil engineer.

6. A City title block (signature block) is required on the first sheet of the plans. A City revision block is required on all sheets. Use the enclosed City standard signature block.

7. Plans must be prepared in accordance with these requirements, City Standard Design Criteria and City Standard Provisions.

8. After the Public Works Department has approved and signed the original plans, 10 black line copies and one (4 mil) 24" by 36" Xerox mylar set of the signed originals are to be submitted to the City prior to the approval of the excavation permit. The engineer retains the signed originals and will need to as-built the 24" by 36" plans prior to acceptance of the work. As-built plans shall be submitted to the City within 30 days after completion of the work.

9. The engineer will also need to submit the as-built plans on electronic media, such as disks or CDs in AutoCAD Release 14 format, and the sheets must be provided as individual PDF files.

The City has GIS topographic maps of the surface improvements drawn at a resolution of 1"=100' in AutoCAD format that are available for the engineer's use, provided that the City's topographic information is not sold to others or copyrighted. These files include the City's GIS coordinate system. The City does not warrant the accuracy of the information contained on the City's topographic maps, record drawings, maps and plans on file with the City.

Because the City's topographic maps were drawn at resolution 1"=100' scale, the applicant will need to regenerate objects, such as arcs, turn off layers that are not needed, draw in missing information and redraw inaccurate information.

S. Telecommunication Lines

1. Master Encroachment Agreement

   For public utility companies, a master encroachment agreement is required for the use of the right-of-way. After the master encroachment agreement is fully signed and executed, an excavation permit is required for each construction project. An encroachment agreement application for telecommunication companies is available at this office.

2. Bond

   A faithful performance bond equal to 100 percent of the cost of the work is required by the encroachment agreement. Use the enclosed faithful performance bond form for excavation permits. A cost estimate of the work for the excavation, boring, trenching, paving, vaults, substructures, traffic control/staging, etc., shall be

submitted with the excavation permit application. See Section L for bond requirements.

3. Fees (See Fee Schedule)

Plan check fee and inspection fee are each: 7.5 percent for work under $50,000; $3,750 plus 4.5 percent for work between $50,001 and $500,000; and $24,000 plus 3.5 percent for work over $500,000. The hourly excavation permit inspection fee rate that is noted on Page 1 is not applicable for large projects.

If the actual cost of inspection exceeds the inspection fee amount, the permittee shall pay the additional cost of inspection within 30 days of being invoiced by the City.

4. Joint-Build Projects

a. The Encroachment Agreement between the City of Mountain View and a telecommunications company for the installation of network facilities within public right-of-way provides that the same company will cooperate in the planning, locating and constructing of its network facilities in utility joint trenches or common duct banks by directional boring methods with other similar utilities providers and to participate in cost sharing for the joint trench and ducts, when two or more telecommunications service providers are proposing network facilities in the same public right-of-way or when an underground project is being planned by City. See Paragraph 37, Participation With Other Utilities," of the Encroachment Agreement.

b. While the installation of a fiber optics network system typically requires joint-build per the Encroachment Agreement, criteria for joint-build of fiber optics services to customers are not always clear. These guidelines, as depicted in the attached Exhibit 1, are intended to clarify the conditions that will trigger consideration for joint-build services.

c. Joint-build will be required for the following conditions:

- Fiber optics network system expansion (see Example A in Exhibit 1).
- Major service serving more than one customer and containing more than one conduit (see Example B in Exhibit 1).
- Single service exceeding 300′ in length (see Example C in Exhibit 1).
- Service running parallel to streets with heavy concentration of existing utilities (see Example D in Exhibit 1).
- Single customer served by multiple telecommunications providers (see Example E in Exhibit 1).

5. Conceptual Route Approval

a. Prior to performing detailed design work, submit a written request with an 8.5″ by 11″ map of the proposed route of the utility line to this office. Include the telecommunication company's name, contact name, address, and telephone number and fax number. The City will determine if the route is acceptable and will then send the proposed route to other utility companies to see if joint construction work is required. (The City will not allow subsequent conduits to be installed along the proposed route for a period up to five years.)

b. The route should avoid residential areas, unless the lines will directly serve the residences.

c. For lines passing through the City, the route should be located on arterial streets.

6. Alignment within the Street

a. The proposed utility lines are to be a minimum 5′ clearance from existing parallel water, sewer or storm lines.

b. Utility lines should be installed as close to the edge of the right-of-way line as practicable. Where the area behind the curb is fully occupied, the utility lines should be installed in the pavement area as close to the curb as possible in order to help preserve the remaining right-of-way.

c. Telecommunication lines are typically required to be 3′ to 4′ on centers from other underground telecommunication lines in order to help preserve space within the existing right-of-way.

d. Telecommunication lines are to be installed parallel to the street centerline, where practicable, and shall not meander along the street. Street crossings shall be at right angles to the street.

7. Directional Bore Design and Construction

a. Plan and Profile Sheets. Standard civil engineering plan/profile sheets are required for direction bores. The plan view is to be located on the top of the page and the profile below the plan view. All existing utilities must be shown on the plan and profile views.

b. Alignment Review: Submit preliminary plans showing the existing surface and subsurface improvements in the plan view based on as-built plans and field reviews. Show all laterals and services in the street. Show the proposed horizontal and vertical alignment of the bore in plan and profile view.

c. Excavation Pot Hole Permit. Obtain an excavation permit to pothole the underground lines and services along the approved alignment to verify location and depth. The entire route must be USA′ed. An air vacuum pothole excavator will be required.

d. Profiles: Add the profiles to the directional bore plans based on the pothole excavation information. Verify the USA markings to what is shown on the plans for omissions. Submit directional bore plan and profiles to the City for review and approval. Profiles shall be drafted on the plans to scale under the direction of a civil engineer. All pothole excavation data, such as location, pipe diameter, type of pipe, depth of cover, and other relevant information shall be shown on the revised plans. Specify the boring entry angle (typically 8 to 20 degrees), exit angle, (typically 5 to 10 degrees), and maximum bending radius of the drill pipe (80′ to 150′ or more depending upon the diameter and wall thickness of the drill pipe) and bending radius of the pipe product on the plans.

e. Vertical Clearance: Provide 3′ minimum vertical clearance from all utilities. This ***also*** includes minor services, such as, water services, sewer laterals and gas services. For creek crossings and other deep crossings, provide a minimum of 5′ clearance from utilities and structures.

f. Minimum Cover: Minimum cover for directional boring shall be as follows:

Diameter	Minimum Cover
6″ or less	4′
8″ to 14″	6′
15″ to 24″	10′
25″ to 48″	15′

g. Boring and Receiving Pits: Show the length, width, depth and location of the boring and receiving pits on the plan and profiles. The pits are to be

located to minimize the construction impact to the adjacent properties. For example, the pits are not to be located in front of driveways, restaurants, bus stops, fire hydrants, within street intersections, etc.

h. Conflicts with Trees: If trees are in the way of the directional bore, the utility line shall be deep bored underneath the tree roots rather than around the tree.

i. Excavation Permit to Bore: After the plans are approved, obtain an excavation permit to install the directional bore work.

j. Marking Drill Path: Before commencing construction, the entire drill path of the proposed bore shall be accurately surveyed and marked on the ground with traffic marking paint, or other approved method, and shall be approved by the City before commencing construction. The saw-cut line for the boring and receiving pits shall also be accurately marked on the ground.

k. Pilot Hole Accuracy: The pilot hole shall be drilled a minimum 5 percent horizontal and vertical accuracy based on the depth of the bore. For example, a 10′ deep bore must be drilled within 0.5′ of the horizontal alignment (drill path) and 0.5′ of the vertical alignment. Pilot holes exceeding the 5 percent accuracy requirement shall be pulled back past the point of deviation and redrilled to comply with this accuracy requirement.

l. Location and Depth Markings: While boring, the location and depth of the bore must be accurately marked on the surface with traffic paint or other approved method.

m. Mud Fractures: In the event of a mud fracture or return loss (loss of circulation) occurs during pilot hole operations, the contractor shall cease progression of the drilling operations, notify the City, and assess damage to existing pipes and pavement.

8. Trench Design and Construction

a. For open trench construction, telecommunication lines are to have a minimum of 30″ cover above the top of the conduits, at least 6″ between the top of the conduits and the bottom of the street structural pavement section, and a maximum depth of 48″.

b. For open trench construction, telecommunication lines are to have a minimum of 12″ of vertical clearance from other utility lines and services. For shallow trenches, the proposed lines will typically need to go underneath the existing lines. The proposed lines shall not be installed within 6″ below the street structural section.

c. A modified "T" trench cut design is required. See Standard Detail A-18 and standard construction notes on excavation, backfill and resurfacing.

d. Typical trench and pothole restoration details must be shown on the plans.

e. Control density fill (CDF) is typically required for use as backfill. The CDF specifications in Section 24-02.04 of the Standard Provisions specify a one- to two-sack cement mix. The use of CDF speeds up the work, minimizes the length of traffic disruptions, and does not require compaction tests.

f. The conduits must have a 2″ minimum clearance from the sides and bottom of the trench in order to allow the CDF to flow to the bottom of the trench and around the conduits. The contractor must insert spacers on the sides and bottom of the trench. Conduit quad-ducts must have at least 1″ spacing between other quad-ducts to allow CDF to flow around the quad-ducts.

g. The conduits must be secured to the bottom of the trench when CDF is used as backfill to prevent the floatation of the conduits in the CDF mix.

h. CDF cannot be used as temporary surfacing, as the CDF cannot hold up to vehicle traffic without spalling. Reduction of the thickness of the permanent AC is not allowed when CDF is used as aggregate base rock.

i. The typical sequence of trench and excavation work in the street includes: saw-cutting the existing AC pavement, excavating of the bottom portion (vertical portion) of the "T" trench, installing the conduits, backfilling the trench with CDF mixture up to the bottom of the existing AC, plating the trench, neatly installing AC around the edges of the plates, and opening up the travel lanes for the public.

   The CDF must be allowed to cure a minimum of 24 hours before the steel plates are removed. Within 48 hours, the steel plates must be removed and AC installed over the CDF backfill up to the finished grade. Cutback AC is not allowed as the lower portion of the AC will be used as permanent surfacing and as the Standard Provisions prohibit its use.

   The top 1.5" section of the AC (the top of the "T" trench) is removed by grinding. This includes the 1' wide band beyond the outside edge of the trench and manhole excavations, and the intervening pavement between the trench and lip of gutter (or edge of another trench) where the intervening pavement is 6' wide or less. A 1.5" thick AC overlay is then installed using an AC paving machine and steel rollers. Cutback AC is not allowed. If CDF is not used, the top of the "T" trench must be as thick as the existing AC pavement.

   If manholes are installed in the trench, the top of the manhole frame and cover must be installed 1.5" below the finished grade. The temporary AC is to be placed over the manholes to finished grade, temporarily covering the manholes. After the final pavement has been installed over the manholes, the manhole frames and covers are raised to grade.

9. <u>Separate Excavation Permit to Install Cables</u>

   For large projects, the excavation permit to install the conduits will not grant approval for the installation of any cables. A separate excavation permit must be obtained from the City to install cables within the underground conduits. Prior to obtaining a permit to install any cables, the lead utility company must complete all work to be performed under the initial excavation permit to install the conduits, including final restoration of the street and sidewalk. On joint build projects, the secondary utility companies will not be allowed to install cables until the restoration work is complete, except when the secondary utility company is only installing a service to a single site.

10. <u>Vaults</u>

    a. Vaults shall be placed in the sidewalk, street planter strip or public utility easements. Vaults shall not be placed in the street, unless they are converted to manhole with a circular frame and cover. Vaults shall not be placed within a driveway approach.

    b. Vaults shall be placed to minimize their impact on the adjacent property, such as placing the vault next to the side property line, or placing the vault away from main entrance features. For properties with small landscape areas or well-manicured landscaping, the vaults should be placed in the sidewalk to minimize their impact on the landscaping. Multiple vaults within a sidewalk area, fronting a single lot, will not be allowed.

c. Very large vaults should be placed on private property (within a private easement) and not within the street or sidewalk area.

d. Vaults and bore pits are to be at least 15′ from a street corner or end of curb return. Street corners or curb returns are heavily used during construction and maintenance, are highly visible areas and are often heavily congested with facilities.

e. Where the proposed vault conflicts with small diameter line, such as street light conduit lines, and where there is no other room behind the curb to install the vault, the small diameter lines are to be relocated around the proposed vault.

f. Where vaults are installed on an earthen or landscaped slope, the frame and cover shall be sloped to match the existing grade. Retaining walls shall not be installed in the slope.

g. Vaults shall be designed to withstand at least H20 vehicle loads.

h. A detail of the vault must be shown on the plans. Aggregate base rock is to be placed on the bottom of the vault to help drain the vault.

11. Manholes

a. Manholes shall not be allowed in the street, unless an exception is granted by the City. An exception will only be allowed if there is no room to place the manhole outside of the street pavement.

b. Manholes that are located in the street must have cast iron frames and covers.

c. Manholes that are located in sidewalks shall have a concrete polymer frame and cover that matches the color and texture of the sidewalk.

d. All manholes must be rated for a minimum H20 wheel load.

e. The utility company's name shall be permanently cast into or engraved on the covers.

f. A detail of the manhole must be shown on the plans. Aggregate base rock is to be placed on the bottom of the manhole to help drain the vault.

g. RPM extension rings are required on manholes as follows:

(1) Pavement areas: at least one 6″ and one 3″ RPM extension ring is required to facilitate leveling of the manhole frame and cover, and to lower the vault structure so that it is out of the pavement structural section. Additional 3″ and/or 6″ RPM extension rings shall be installed as necessary to keep the vault structure out of the pavement structural section and 6″ below the pavement structural section.

(2) Sidewalk areas: at least one 6″ RPM extension ring is required to facilitate leveling of the manhole frame and cover.

(3) Landscape areas: at least one 6″ RPM extension rings is required.

T. Groundwater Monitoring Wells

In addition to an excavation permit, an encroachment agreement is required for any wells constructed within the public right-of-way. The applicant should make every effort to install the wells on private property rather than the City right-of-way. If the wells must be located in the street right-of-way, the wells are generally not permitted within the street pavement as the well boxes interfere with the City's street asphalt overlay program. Further, the City prefers the wells to be located outside of the sidewalk, if possible. It is strongly recommended that the City conceptually approve the location of the wells before the

legal description of the encroachment area is prepared. Wells are to be placed at least 5′ from other utilities. The following items are required to prepare the encroachment agreement.

1. A determination of whether the City has an easement for street purposes or owns the right-of-way in fee in the area where wells are proposed to be installed.

2. If the City's street right-of-way is in the form of an easement where a new well is proposed to be installed, the applicant will need to obtain written permission from the adjacent property owner to install the well. According to the City Attorney's Office, a street easement does not give the City the right to permit installation of a well as a well is not considered to be typical street or utility usage.

3. The number of years the wells are anticipated to be in place. The life of the encroachment agreement can be specified to be 5, 10, 15 and 20 years.

4. Legal description of the encroachment area prepared by a registered land surveyor or civil engineer. For wells, a 10′ by 10′ square area is typically defined as the encroachment area.

5. Plat (8.5″ by 11″ drawing of the encroachment area prepared by a registered land surveyor or civil engineer). The plat is to include the street centerline, point of beginning of the legal description, bearings and distances, street curb and sidewalk if applicable.

6. Current deed or title report of the property that will be responsible for the well or property for which the wells are required. The legal description of the property in the deed or title report will be used in the encroachment agreement.

7. Statement as to who is the lead regulatory agency in charge of the groundwater investigations.

8. Statement as to who will own and maintain the wells. The well owner's legal name, identity (such as ABC, Inc., a California corporation) and address are required.

9. Well owner's insurance certificate and endorsement. (This is in addition to the contractor's insurance certificate required by the excavation permit.)

10. Encroachment permit fee.

11. Encroachment agreement which must be signed and notarized by the owner before the City can issue an excavation permit.

12. If the wells are located on City property, securities, such as bonds, are required.

The excavation permit requirements are indicated on Pages 1 and 2. The following is also required with the excavation permit application:

a. Well construction typical details.

b. Well construction permit from the Santa Clara Valley Water District.

U. <u>Groundwater Extraction Systems</u>

Groundwater extraction systems require an encroachment agreement in addition to an excavation permit. <u>The items needed to prepare an encroachment agreement are the same as those listed in the preceding section on monitoring wells, except that the following is also required</u>:

1. Cost estimate of the improvements within the street right-of-way.

2. For minor extraction systems, such as an extraction line that crosses a street, bonds or securities are not required. For major extraction systems, such as an extraction line that is located parallel to the street and for encroachments located on City property (not street right-of-way), the following three securities are required:

a. Faithful performance bond equal to 100 percent of the cost of the work.

b. Labor and materials bond equal to 100 percent of the cost of the work.

c. In lieu of a faithful performance bond and labor and materials bond, a single letter of credit or certificate of deposit equal to 150 percent of the cost of the work may be submitted.

d. Closure certificate of deposit equal to 100 percent of the cost to remove the extraction system. The cost to remove and/or abandon the extraction system shall not be less than 40 percent of the construction cost.

3. Plan check and inspection fees are based on a percentage of the work.

4. The plans for extraction systems with piping parallel to the street shall be drawn on 24″ by 36″ size sheets. After the City has approved and signed the plans, 10 copies and one Xerox Mylar copy of the originals are to be submitted prior to the approval of the excavation permit.

5. The owner of the extraction system will need to become a member of Underground Service Alert. The telephone number of the USA regional notification center is (800) 642-2444.

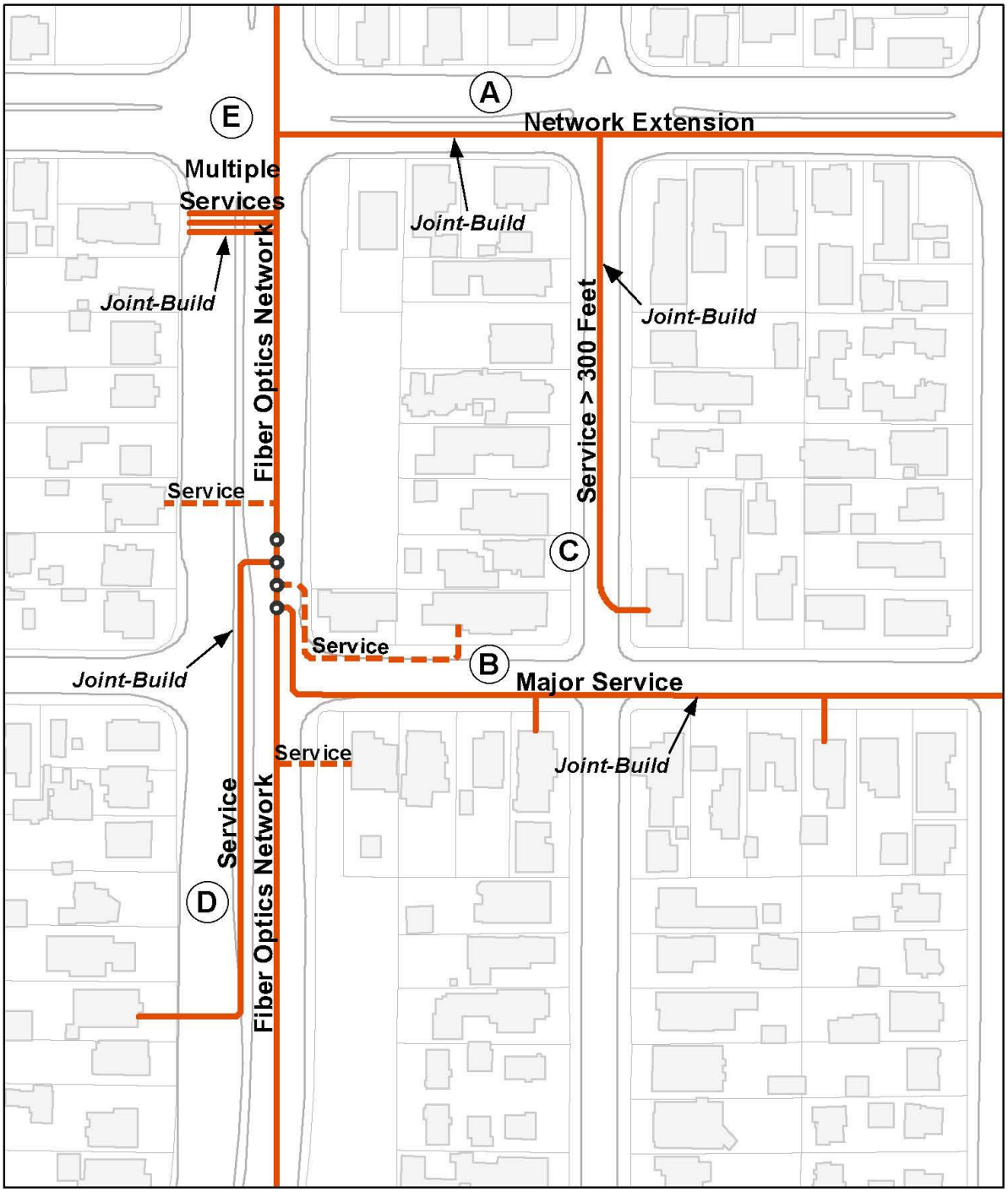

Exhibit 1: Guidelines For Joint-Build Fiber Optics Services

City of Mountain View

0 50 100 200 Feet

Date: 7/14/2015

CITY OF MOUNTAIN VIEW

EXCAVATION PERMIT APPLICATION

Public Works Department • Land Development Section
500 Castro Street • P.O. Box 7540 • Mountain View • California • 94039-7540
Telephone 650-903-6311 • Fax 650-962-8503

Please see previous instructions for items to be submitted with this application.

INSURANCE CERTIFICATES WITH ADDITIONAL ENDORSEMENT MUST BE ATTACHED.

Excavation Permit No. _____

A. General Information (Please print or type)

Street Address: _____ Date: _____

Site location if different from address: _____

Description of the Work: _____

_____

_____

Applicant acknowledges to allow for a minimum of 15 working days for the permit to be issued.

For large projects, specify the number of working days to complete all construction: _____

USA Identification No. (if work is scheduled to begin within the next two weeks): _____

Is this work related to a building permit? Y/N ____ If yes, date issued: _____ Building Permit No. _____

APPLICANT'S SIGNATURE: _____ Company Name: _____
(Print)

B. Permittee/Contractor's Information (if separate, provide both)

Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Contact Person's Name: _____ Telephone No. _____

Emergency Telephone No. _____ Fax No. _____

State Contractor License No. _____ **City Business License No.** _____

E-Mail: _____

C. Owner's Information

Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Contact Person's Name: _____ Telephone No. _____

E-Mail: _____ Fax No. _____

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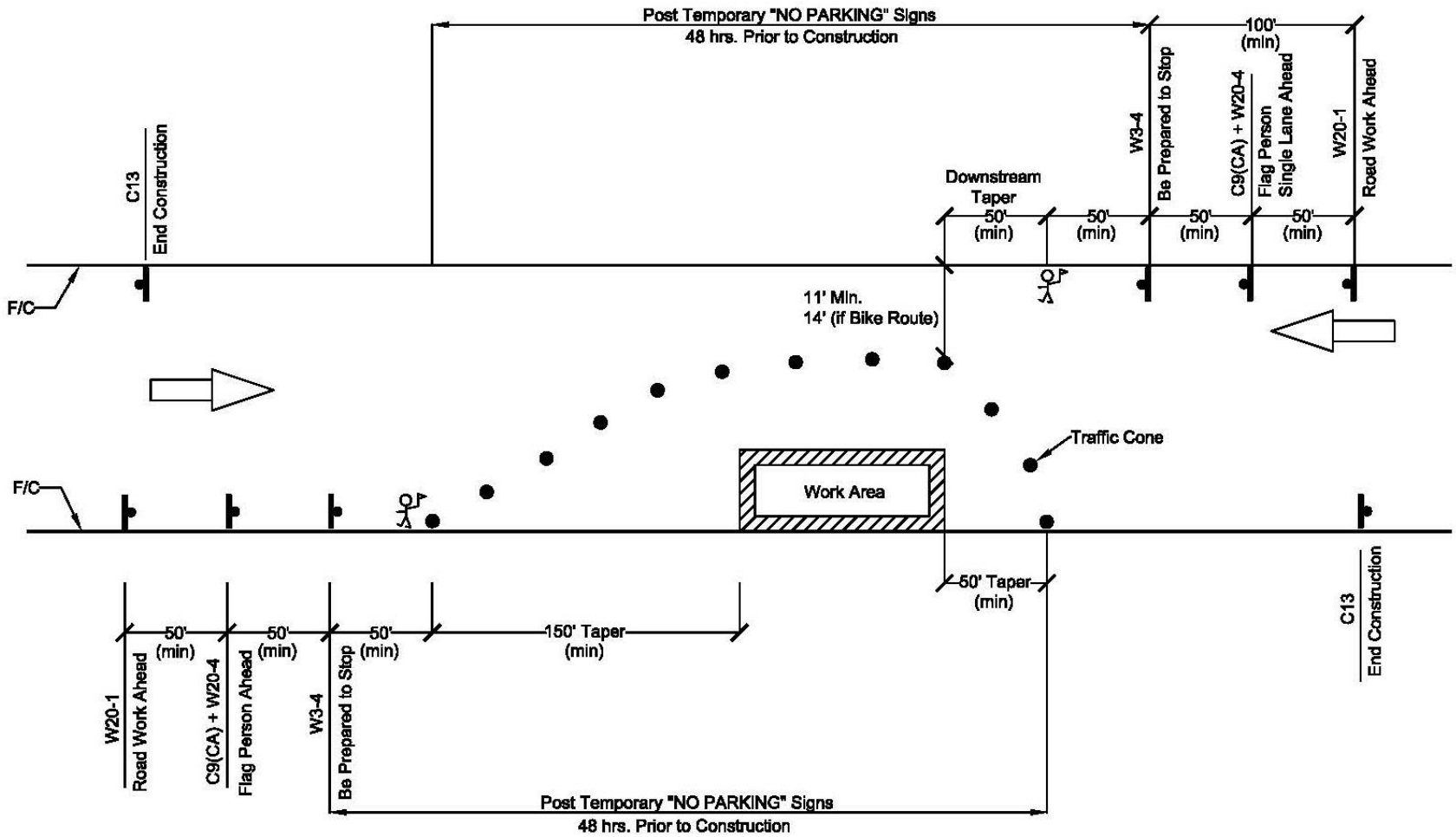
Sample Traffic Control Plan
Two Lane Roadway Reduced to One Lane of Traffic

Not to scale



NOTES:

1- When a bicycle is delineated on the roadway, contractor shall provide a separate bike lane through the construction zone.
2- Cone spacing is 20' Maximum.
3- This is generic sample of a construction zone, contractor shall provide their own traffic control plan based on specific project.
4- Use Caltrans manual of traffic controls for construction and maintenance work zones, as a reference for traffic control in construction areas.

Jan 6, 2011/SampleTrafficControlPlan.dwg/C:\castro\citydepartments\Public Works\Operations\Eric Lee Files\SampleTrafficControlPlan