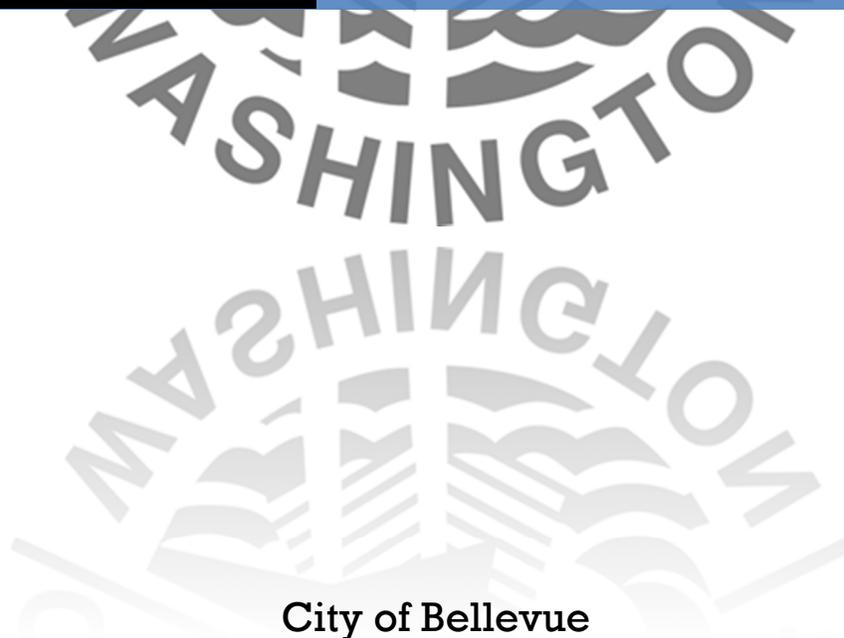


Updated August 2015



**TRANSPORTATION
RIGHT OF WAY**

**CONSTRUCTION
PROCEDURES
BOOKLET**



City of Bellevue

Contents

The following documents may be referenced in your permit conditions. All applicants are responsible for reading and understanding the referenced documents.

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A. Right of Way Use Permit Inspection Information

Updated June 2015

As a condition of issuance of any permit or authorization which requires approval of the Department, each applicant shall be required to consent to inspections by the department or any other appropriate city department (BCC 14.30.180). Routine periodic inspections and observations will be conducted until the permitted use is complete and a final inspection approved.

Basic Steps in the Inspection Process

Schedule the required inspections. All permitted work requires the following inspections:

- PRECON (902) inspection, a pre-construction conference with the ROW inspector and others as required by the permit conditions or the inspector.
- JOBSTART (900) scheduled for ***each day*** the applicant or contractor are working in or impacting traffic or pedestrians in the ROW.
- FINAL (995) when all work in the ROW is complete and all surfaces and infrastructure has been restored to the satisfaction of the inspector and as required by the permit conditions.
- Sometimes the inspector may use or require:
 - GENERAL (903) for documenting ongoing long term projects
 - RESTORATION (928) to determine restoration scope and limits

Scheduling Inspections

Inspections are scheduled at <https://inspection.mybuildingpermit.com> using the permit number:

1. From the MyBuildingPermit home page select ***Inspections***
2. Then select ***Bellevue*** in the drop down box for Jurisdiction
3. You may then find your permit ***By Permit Number*** – or - ***By Address*** and then click ***“search”***
4. Now you see a table with your Permit number, Project name, and Address
 - a. click the blue Permit Number.
5. Then select the inspection type, select the inspection date, and leave a message if you so desire.
6. Now just fill in the Name and Phone number of the person who is the best contact for the inspection. Then add an email address and click ***“Submit Inspection Request”***

- ❖ If the applicant has no access to the internet inspections can be scheduled by calling the IVR system at 425-452-6875 and using the three digit numerical code shown on the permit with each inspection type. Just follow the voice prompt.

MANDATORY CHECK-IN on the day of your inspection

- Download the My Bellevue app from your provider’s app store. When you open the app select “Right of Way Use Contractor Check-in” and follow the instructions and prompts. (see the attached handout)
 1. Fill in the permit number and confirm.
 2. Add the contact info and the last day you will be in the ROW.
 3. Select your location on the map,

Be Prepared for Your Inspection

- Have your permit and any approved (11”x17”) plans at the site and available for the inspector.
- Be ready before the inspector arrives; otherwise, you may be required to re-schedule and pay a re-inspection fee.
- Your permit has a life; review your permit to determine what the expiration date is. If your permit expires before you obtain signoff on your final inspection, you will be required to obtain a new permit to complete the work.
- Inspection scheduling is your responsibility.

B. Pedestrian Access During Construction Projects

Updated August 2015

The following standards apply to City of Bellevue crews, contractors working within the City, and others working within the City's right of way to ensure pedestrian safety and access:

MAINTAIN A CLEAR AND ACCESSIBLE PEDESTRIAN CORRIDOR

The Contractor or permittee shall maintain an accessible corridor that provides at least one safe path of travel for all pedestrians at all times for the duration of the project.

- The pedestrian corridor shall be a width of 5 feet whenever feasible, and shall conform to ADAAG guidelines. It shall not be less than 4 feet wide at any single point.
- The accessible pedestrian corridor shall connect with facilities throughout the project area.
- Equipment, debris, construction materials or vehicles shall not obstruct the corridor.
- No parked vehicles shall obstruct designated handicap parking spaces unless permitted by the City.
- Temporary closure of designated pedestrian routes and crossings shall be allowed only when flaggers are present and safely directing pedestrians around hazards.

TEMPORARY RAMPS MUST CONFORM TO ACCESSIBILITY STANDARDS

The Contractor or permittee shall install and maintain temporary concrete, asphalt or wood ramps to provide a safe path of travel for mobility-impaired pedestrians at all locations where ramps have been temporarily removed OR needed to route pedestrians.

- Temporary ramps shall be constructed so that installation and removal will not damage existing pavement, curb or gutter.
- Ramps shall have a minimum 4 feet wide walking surface and slope not to exceed 8%.
- Ramps shall snugly meet existing surfaces without gaps. When required for drainage, Schedule 40 PVC pipe (min. 2") shall be installed through ramp.
- Transitions between ramps and the street surface shall be smooth such that no lip exists at the base of the ramp.
- Sides of a ramp shall be protected where there is any drop-off.

IDENTIFY A SAFE PATH OF TRAVEL

If a portion of the pedestrian way is rerouted due to construction, the path of travel shall be clearly defined.

- At no time will the sidewalks on both sides of the street, within the same block, be closed at the same time.
- Pedestrian access corridors shall be clearly delineated with cones, barrels, barricades, or fencing as approved by the Engineer.
- If a crosswalk is closed, curb ramps leading into that crosswalk must be barricaded in such a manner that walkways that are not closed remain accessible.
- Caution Tape shall not be used by itself to delineate the path of travel or create a barricade.

B. Pedestrian Access During Construction Projects (cont'd)

Updated August 2015

CONSTRUCTION OF SIGNPOSTS, BARRICADES, AND FENCING

Impenetrable barricades shall be used to separate pedestrians from hazards on all sides of excavations that may be exposed to pedestrians. Use materials and methods suitable to site conditions. Signs and fencing material shall not protrude into the clear pathway.

- Paths of travel that do not continue to the next corner or to a safe crosswalk shall be closed to pedestrian traffic. Signs must be posted stating that the sidewalk is closed and must detour pedestrians to accessible sidewalk.
- A-frames used for defining path of travel placed end-to-end without spacing, shall be connected and maintained to ensure stability to help a sight-impaired person negotiate a safe path when using a cane. Any barricade or fencing requires a minimum 3 inches high, solid, uninterrupted toe-board.
- Signposts, scaffolding and fencing supports shall be placed entirely outside the pedestrian path of travel, minimum 4 feet wide and 80 inches high without obstruction.
- Construction barriers shall be maintained in a sound, neat, and clean condition.

SURFACING OF PEDESTRIAN CORRIDORS

During construction, tripping hazards and barriers for people with mobility impairments must be removed to maintain an accessible pedestrian corridor.

- Any change of level which exceeds 1/4" height must be beveled at 45 degrees.
- Closed trenches, temporary paving surfaces, walking surfaces, steel sheets, etc. shall have a smoothly finished, firm walking surface made even with surrounding walkways. Compacted gravel is not considered an acceptable walking surface.
- Aisle or loading area adjacent to a parking space is part of the pedestrian corridor.

RESTORATION OF PEDESTRIAN ROUTES

After construction, the site shall be returned to its former condition, or new condition as required.

- Temporary ramps shall be removed as soon as construction and approval of permanent ramp is completed. The sidewalk must be opened as soon as possible.
- After work is completed, the surface of the pedestrian path shall be restored free from all ridges, gaps, bumps and rough edges.
- Construction that affects an existing curb ramp shall include replacement or repair of the curb ramp to meet current City standards.

Note: The City may stop work when any hazardous conditions are present!

C. Over-Legal Vehicles and Loads Policy

Updated August 2015

Over-Legal Vehicles and Loads

This policy identifies the requirements for over-legal vehicle loads traveling on City of Bellevue streets. Over-legal loads are those loads exceeding the maximum width, height, and or length as identified under State law or City of Bellevue policy.

Over-Legal Vehicles and Loads Registration

- **Scheduling** of over-legal loads must be done a minimum of **48** hours in advance of any move. Any load requiring Bellevue Police escort as identified below shall be arranged a minimum of 3 days in advance of the planned moved date. Permit for house/building moves must be applied for at least 21 days in advance of the proposed move date.

Requirements (in addition to the Annual Trucking Permit) *Note: The City reserves the right to require Police escort for any load it deems to have the potential for significant traffic or infrastructure impact at any location.*

Over-Width Loads (see Washington State Commercial Vehicle Guide for legal dimensions)

| Width | Street Description | Front Pilot Car Required | Rear Pilot Car Required | Inspector Escort Required | Police Escort Required |
|-----------------|------------------------|--|-------------------------|---------------------------|--|
| 8' 6" to 11' | All Roadways | No escort required. Register load as identified above. | | | |
| >11' | Two-Lane Roadways | x | x | x | Typically not required. See note above Typically not required. See note above Typically not required. See note above |
| >11' to <14' | Multiple Lane Roadways | | x | x | |
| >14' to <15' 6" | All Roadways | x | x | x | |
| >15' 6" | All Roadways | x | x | x | x |

Over-Height Loads (see Washington State Commercial Vehicle Guide for legal dimensions)

| Height | Street Description | Front Pilot Car Required | Rear Pilot Car Required | Inspector Escort Required | Police Escort Required |
|-----------------|--------------------|--|-------------------------|---------------------------|--|
| <14' | All Roadways | No escort required. Register load as identified above. | | | |
| >14' to <15' 6" | All Roadways | x | | x | Typically not required. See note above |
| >15' 6" | All Roadways | x | x | x | x |

Over-Length Loads (see Washington State Commercial Vehicle Guide for legal dimensions)

| Length | Street Description | Front Pilot Car Required | Rear Pilot Car Required | Inspector Escort Required | Police Escort Required |
|---------------|--------------------|--------------------------|-------------------------|---------------------------|--|
| >75' to <89' | All Roadways | | x | x | Typically not required. See note above |
| >89' to <100' | All Roadways | x | x | x | Typically not required. See note above |
| >100' | All Roadways | x | x | x | x |

Overhanging Loads (see Washington State Commercial Vehicle Guide for legal dimensions)

| Length | Street Description | Front Pilot Car Required | Rear Pilot Car Required | Inspector Escort Required | Police Escort Required |
|---------------------|--------------------|--------------------------|-------------------------|---------------------------|------------------------|
| >15' from rear axle | All Roadways | x | x | x | x |

C. Over-Legal Vehicles and Loads Policy (cont'd)

Updated August 2015

Building Moves

Building moves will always require both an inspector and Police escort. In addition, Traffic Signals crews may be required for loads taller than 15'-6". Police (and possibly Signals crews) are assigned and billed at a minimum call-out of 4 hours. At least 21 days is required for processing of this permit.

Damage and Liability

By accepting the Annual Trucking Permit, the permit holder shall repair any damage to city infrastructure resulting out of the use of the permit including any costs incurred by city crews in the repair of damage. The permit holder is liable for injury or death of any person or damage to property that may occur through any act or omission of either the permittee or the city arising for the issuance of the permit. In the event that any claim, suit or action is brought against the City, its officers, employees or agents, permit holders shall defend, indemnify and hold harmless the City, its officers, employees, or agents from such claims, suit or action.

Failure to Obtain Necessary Permits

Failure to obtain necessary permits is a violation of City Code and may result in a Stop Work Order issued to the entire job site. In addition, all permit fees for that work performed without a permit will be doubled. More than one infraction by a carrier or job site may lead to further action which may include the requirement of bonding or other assurance device for the use of the public right of way.

D. Traffic Control Supervisor Roles and Responsibilities

Updated August 2015

Roles

- Act as an authorized representative of the permit holder with the sole job responsibility of Traffic Control Supervisor (TCS). The TCS will have due authority over all on-site employees, contractors and sub-contractors performing activities in the public right of way associated with this permitted project.
- TCS to be on site during all hours of work where temporary traffic control is being utilized to direct traffic and/or when deliveries are being made to/from the job site. If multiple shifts are being worked, it may be necessary to have a second TCS cover the additional shifts.
- Act as point of contact for all inspectors on all job sites associated with this permit for traffic/pedestrian control and hours of use of the right of way.
- Must have a current Washington State Traffic Control Supervisor certification and a Washington State Flagger certification.
- Must provide 24-hour contact number and be available to take/return calls within 20 minute period. Number must be provided to the Right of Way Use Office and will be distributed to all inspectors, Right of Way staff, and Police Traffic Division.
- Must have means of direct communications to each site supervisor during all work hours.
- Must have a vehicle at their disposal at all times for the purpose of driving the temporary traffic control set up to assure clear direction to motorists and to perform monitoring and maintenance of the traffic control devices. Vehicle must be appropriately equipped with warning lights and flashers.

Responsibilities

- Development of temporary traffic and pedestrian control plans. Temporary Traffic Control Plans must address all aspects of the transportation system including pedestrian facilities. Plans must illustrate ADA compliance with all affected pedestrian facilities.
- Implementation of approved traffic control plans.
- Coordinate temporary traffic control with other construction sites in the area to assure traffic/pedestrian safety and traffic flow.
- Communication of Traffic Control Plan to all site workers responsible for traffic control including emergency vehicle response procedures and ANY changes to controls based upon traffic flow, channelization, pedestrian needs or other conditions.
- Control site access points and all ingress and egress to and from the site including vehicle and equipment staging. Monitor and ensure appropriate utilization of all approved off-site staging areas.
- Implement and communicate changes to temporary traffic control set up to mitigate changing roadway/traffic conditions. Provide written communication documenting any changes in the temporary traffic control plan to the City of Bellevue Inspector within one day of implementation of change.
- Ensure adherence to work schedule per site including any “in-field” requirements imposed by City staff.
- Verify that any contractor or sub-contractor staff involved in the direction of traffic movement are certified under State requirements.
- Ensure the removal of all temporary traffic control signs and/or devices when temporary traffic control is not in effect.
- Adherence to all conditions of the Right of Way Use permit.

E. Utilities Department Right of Way Permit Conditions

Updated August 2015

1. 811 CALL BEFORE YOU DIG. Prevent damage. Locate first.
2. Avoid crossing water, sewer, and storm drainpipes at highly acute angles. The smallest angle measure between utilities should be 45 to 90 degrees.
3. Where a water main crosses above or below sanitary sewer or storm drain, one full length of water pipe shall be centered for maximum joint separation.
4. When AC water pipe will be exposed for a utility crossing, the AC pipe may be: (1) replaced with DI pipe to three feet on each side into undisturbed bearing soil (see Standard Detail W-8); or (2) backfilled to the **bottom** of the AC pipe with Control Density Fill, at the discretion of the Utilities Department. If you do not have a Utilities permit (UA, UB or UE), please call Water Utility Maintenance 48 hours in advance for an appointment (425-452-7840) to discuss the crossing options. Controlled Density Fill shall conform to the requirements set forth in the *WSDOT/APWA Standard Specifications for Road, Bridge and Municipal Construction 2010, section 2-09.3(1)E, "Backfilling."* The trench shall be bridged with steel plates and the CDF shall be allowed to set overnight prior to backfilling and /or paving.
5. Where existing thrust blocking is located, minimum clearance between the concrete blocking and other buried utilities or structures shall be five (5) feet.
6. Special structural support and restraints for water, sewer or storm drain pipes may be required as determined by the Utilities Department, on a case by case basis.
7. If a water main shutdown is needed, please call Water Utility Maintenance at 425-452-7840 at least three (3) working days in advance. The Permittee shall notify all affected water customers at least 48 hours in advance if the shutdown is approved. Water utility staff shall shutdown and restore the water main to service. The Permittee shall be responsible for all costs associated with executing a water main shutdown, including city staff time.
8. Clearances are measured from edge of facility (pipe, catch basin, vault, etc.) to edge of facility (duct bank, conduit, pipeline, etc.). When installing utilities in the right-of-way, the following minimum clearances shall be maintained:

| | Horizontal Clearances from Water Mains | Horizontal Clearances from Storm Drains | Horizontal Clearances from Sanitary Sewers |
|---------------------------------------|---|--|---|
| Cable TV | 5 ft | 5 ft | 5 ft |
| Gas | 5 ft | 5 ft | 5 ft |
| Power | 5 ft | 5 ft | 10 ft |
| Water | | 5 ft | 10 ft |
| Storm | 5 ft | | 5 ft |
| Sanitary | 10 ft | 5 ft | |
| Telephone / Fiber Optics | 5 ft | 5 ft | 10 ft |
| High Pressure Gas or Petroleum | Contact Utilities Department @ 425-452-6977 | | |
| All other utilities | 5 ft | 5 ft | 5 ft |

E. Utilities Department Right of Way Permit Conditions (cont'd)

Updated August 2015

| | Vertical Clearances from Water Mains | Horizontal Clearances from Storm Drains | Horizontal Clearances from Sanitary Sewers |
|---|---|--|---|
| Cable TV | 1 ft | 1 ft | 1 ft |
| Gas | 1 ft | 1 ft | 1 ft |
| Power | 1 ft | 1 ft | 1 ft |
| Water | | 2 ft | 2 ft |
| Storm | 1 ft | | 1 ft |
| Sanitary | 2 ft | 1 ft | |
| Telephone / Fiber Optics | 1 ft | 1 ft | 1 ft |
| High Pressure Gas or Petroleum | Contact Utilities Department @ 425-452-6977 | | |
| All other utilities | 1 ft | 1 ft | 1 ft |

Any proposed variation must be reviewed and approved by the Utilities Department under the Right of Way Use Permit review process. The following factors will be considered in providing adequate utility separation:

- a. Materials and type of joints for pipes
- b. Soil conditions
- c. Locations of laterals and service lines
- d. Compensating variations in the horizontal and vertical separations
- e. Space for repairs and replacement
- f. Offsetting of pipes around manholes, catch basins, and vaults
- g. Conflict with existing or discovered utilities

Owners who install utilities in violation of these standards may be required to relocate at the owner's sole expense or reimburse all expenses incurred by the City for special engineering and/or construction measures to avoid the conflicting utility, including construction delay costs.

F. Clearing and Grading Work in Bellevue Right of Way

Updated August 2015

The scope of work for this project does not require clearing and grading permit review; however, exemption from a clearing and grading permit does not exempt the applicant from meeting all applicable city codes. Appropriate erosion and sediment control is required to comply with the storm and surface water utility code (BCC 24.06) which requires that sediment and other pollutants be kept from the drainage system. The following notes reflect the requirements for erosion and sediment control that may apply to projects in the right of way when clearing and grading review is not required.

1. In some circumstances, installation of reinforced silt fence may be shown on the plans or required by the inspector. The silt fence must be installed in accordance with Clearing & Grading Development Standards BMP C233 and must be located as shown on the approved plans or per the Right of Way Use Inspector. Silt fence must be installed along slope contours and down-slope from the work site.
2. A hard-surface construction access pad may be required per Clearing & Grading Development Standards BMP C105. This pad must remain in place until paving is installed.
3. Clearing must be limited to the areas within the approved disturbance limits. Exposed soils must be covered at the end of each working day when working from October 1 through April 30. From May 1 through September 30, exposed soils must be covered at the end of each construction week and also at the threat of rain.
4. Any excavated material removed from the construction site and deposited on property within the City limits must be done in compliance with the clearing & grading code, including obtaining a clearing and grading permit if required. Locations for the mobilization area and stockpiled material must be approved by the Right of Way Use Inspector at least 24 hours in advance of any stockpiling.
5. To reduce the potential for erosion of exposed soils, or when rainy season construction is permitted, the following Best Management Practices (BMPs) may be required by the Right of Way Use Inspector.
 - Protect exposed soil using plastic covering (BMP C123), erosion control blankets (BMP C122), or mulch (BMP C121)
 - Install storm drain inlet protection (BMP C220) as required by the Inspector
6. The contractor must maintain a sweeper on site during earthwork and immediately remove soil that has been tracked onto paved areas as a result of construction.
7. All erosion control BMPs must be regularly inspected and maintained. BMPs must be kept in proper working order until the site has been permanently stabilized and the potential for erosion has passed.
8. At the completion of work, all temporary erosion and sediment control BMPs must be removed and properly disposed of.
9. Dust from clearing, grading, and other construction activities shall be minimized at all times. Any dust suppressants used shall be approved by the inspector. Petrochemical dust suppressants are prohibited. Watering the site to suppress dust is also prohibited unless it can be done in a way that keeps sediment out of the public drainage system.
10. All public and private easements must be protected, and all easement rights maintained.

F. Clearing and Grading Work in Bellevue Right of Way (cont'd)

Updated August 2015

11. When constructing underground utility lines, no more trench shall be opened than can be closed in a single day, or more than 500 feet, whichever is less. Excavated material shall be placed on the uphill side of the trench where consistent with the safety and space considerations. Temporary trench dewatering devices must be discharged into a sediment trap or pond. Trenches must be closed at the end of each day unless otherwise allowed by the Engineer.
12. Waste water from Portland cement concrete, masonry, and asphalt concrete placement or cutting operations must not be discharged to storm drainage systems or surface waters. Use BMP C151 and BMP C152 to prevent slurry from cutting operations, concrete effluent, and sediment from entering the storm drainage system or surface waters.
13. Hazardous materials that are delivered and stored on site have the potential to enter the stormwater system or watercourses and cause pollution. The contractor must prevent, reduce, or eliminate such discharge by minimizing the storage of hazardous materials onsite, storing materials in a designated area, and installing secondary containment (BMP C153)

GETTING STARTED

Right-of-Way Use Contractor (RUC) Check-in App

Using MyBellevue



Supported Devices: Android and iOS (Apple)
Not Supported Devices at this time: Windows Phone

STEP
1

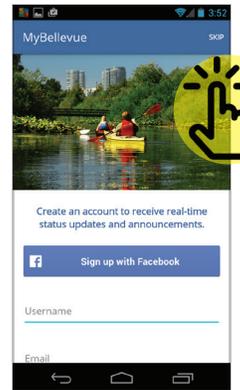


- Go to your device's applicable app store and download the "MyBellevue" (by Public Stuff) application.
- Find the "MyBellevue" icon on your device and select it to open the MyBellevue login screen. Go to Step 2.

STEP
2

You are not required to create a MyBellevue account to use the RUC Check-in app. Below are login options for you. Choose one, then go to step 3.

- To avoid login and go to the main menu and the RUC Check-in, select "SKIP" (fig.1).
- To gain access to more features of MyBellevue (like being able to submit service requests and track their progress), create a MyBellevue account or sign in using your existing Facebook account information. Upon successful login, you will be directed to the main menu and the RUC Check-in (fig. 2).

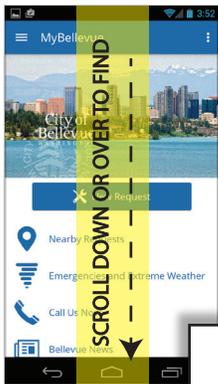


(fig.1)

STEP
3

On the main menu (fig. 2), scroll down or over to find the app labeled, "Right of Way Contractor Check-in."

Touch anywhere on the icon or descriptive text to launch the RUC Check-in app. Go to Step 4.



(fig. 2)



(fig. 3)

STEP
4

The RUC Check-in app will open to the first prompt (fig. 3). Follow the rest of the prompts to use the app.

Questions?

Call Judy Connors at 425-452-4617 or Kathy Botkins at 425-452-4894.





City of
Bellevue

Post Office Box 90012 • Bellevue, Washington • 98009 9012

May 19, 2015

Dear Contractor,

To improve the communication with our field staff and know on any day who is working on our streets, the City of Bellevue has recently developed a new smart phone application to use as a tool to improve the management of the City's right of way.

The app called "**Right of Way Use Contractor Check-in App**" is a simple tool that can be accessed by a smart phone (Android or Apple phones. Note: Windows phones are not currently supported). Once you download the "Mybellevue" app, you can check in at your work site with a few clicks. (A desk top version is available if that is your only alternative, contact Judy Connors at jconnors@bellevuewa.gov to get a copy of the link)

Having up to the minute information is one tool to help the City determine work plans, avoid conflicting work sites, research past work areas as well as offer potential opportunities to coordinate shared restorations and most importantly improve the management of the City's right of way.

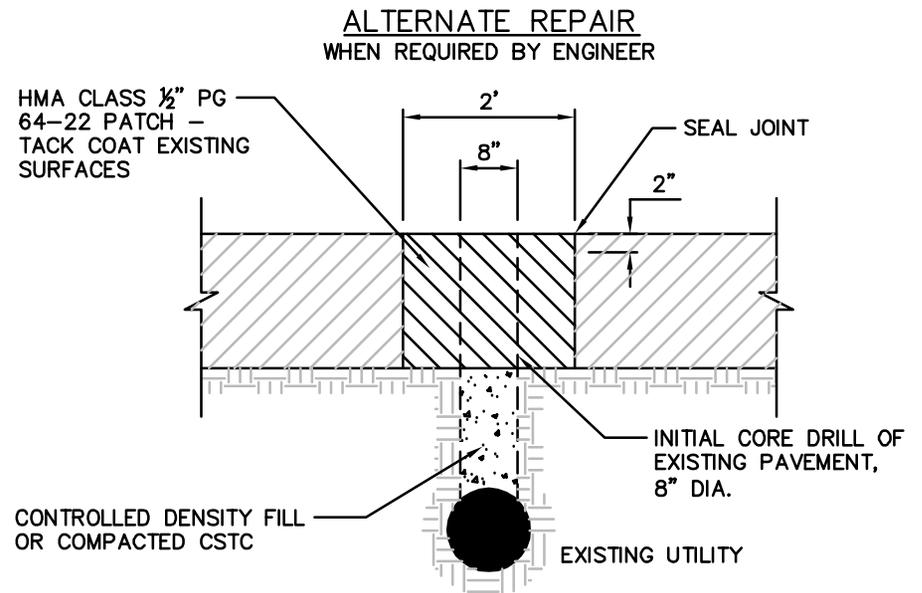
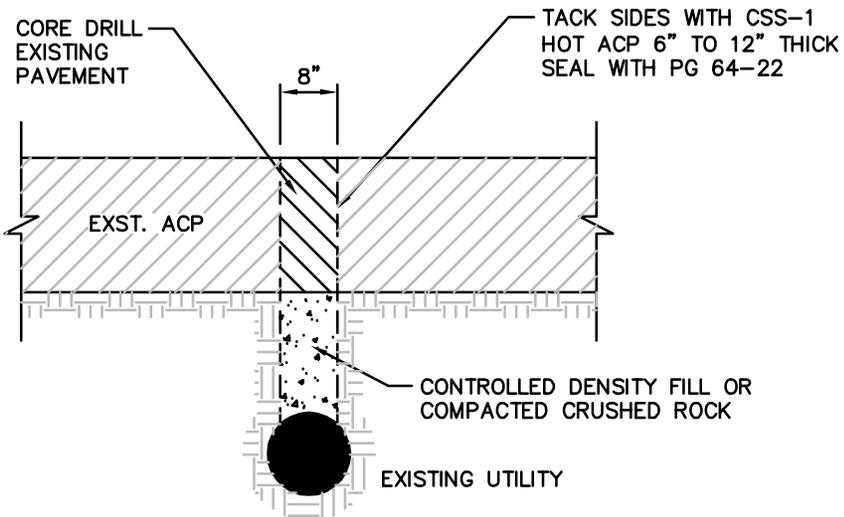
Your help in using our check in app is essential to making this program work. Currently we are asking contractors to check in daily as a courtesy. As of July 1, 2015, using the app will become a condition of the permit. All contractors will be required to check in onsite on a daily basis. Those who do not adhere to this requirement may be asked to leave the job location. To avoid this situation we are asking that you make it a habit to check in upon arrival at the job site. **(Please note: checking in online does not negate the requirement of scheduling pre-cons/job starts as required by your permit conditions.)**

On the other side of this letter are the instructions on how to get started using the Right of Way Contractor Check in App. If you have questions regarding this application you can contact Judy Connors at 425-452-4617 or Kathy Botkins at 425-452-4894.

Thank you for your cooperation in this matter and supporting the City of Bellevue's endeavor to keep our roads safe.

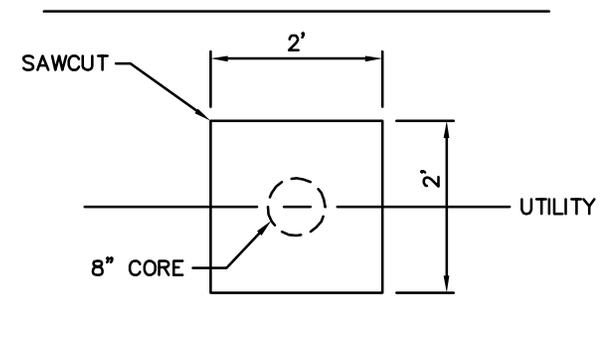
Sincerely,

Tony Cezar
Right of Way Manager
City of Bellevue



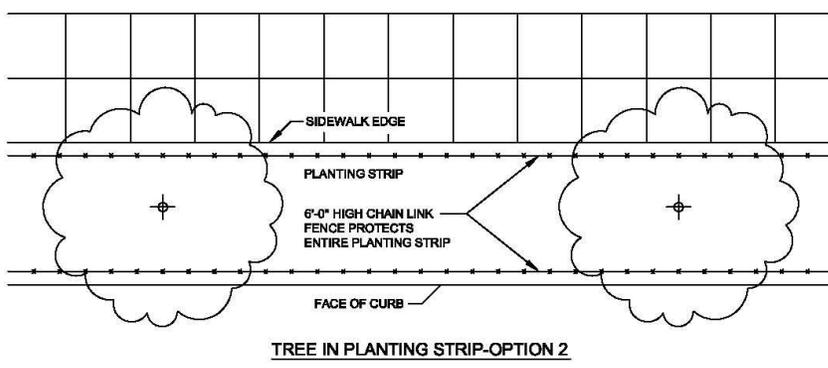
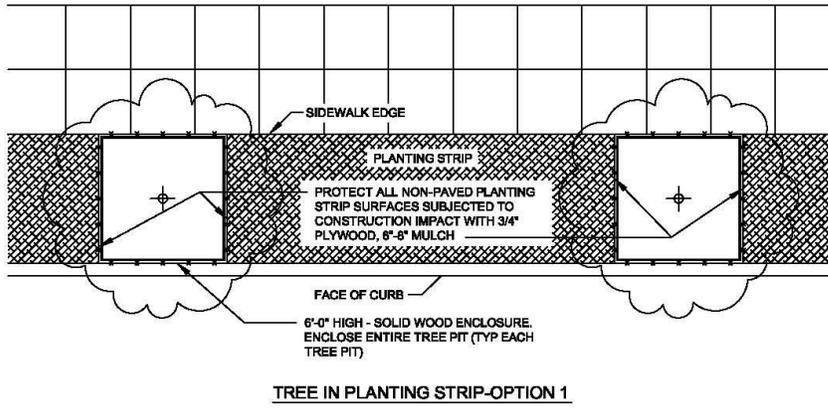
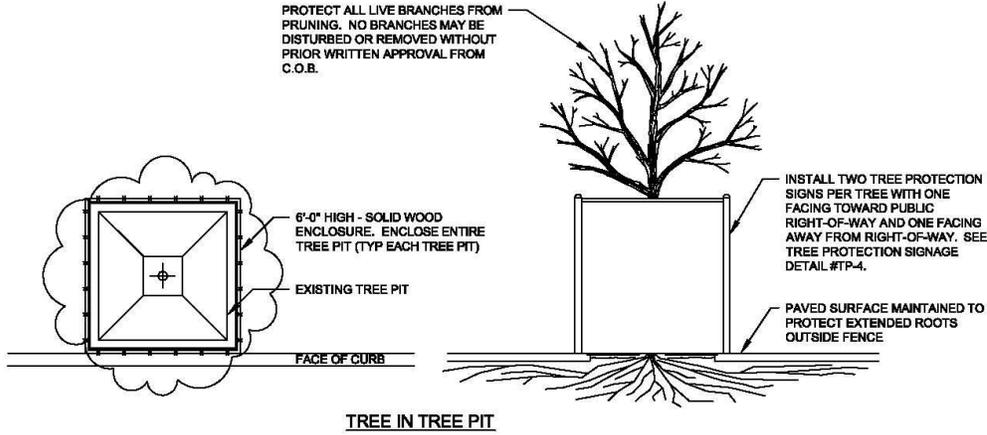
NOTES:

1. TO BE USED FOR NO-CUT AND GRIND & OVERLAY STREET RESTORATION CLASSIFICATIONS
2. THE EXISTING PAVEMENT SHALL BE CUT FULL DEPTH WITH AN EIGHT INCH DIAMETER CORE DRILL. THE SUBBASE MATERIAL SHALL BE REMOVED USING A VACUUM EXCAVATOR, KEEPING THE EXCAVATION AS MINIMAL AS POSSIBLE.
3. BACKFILL THE EXCAVATION WITH A SIX INCH CUSHION OF CRUSHED ROCK OVER THE UTILITY THEN PLACE THE REMAINING VOID WITH CDF OR COMPACTED CSTC.
4. REPAIR THE CORED PAVEMENT SECTION WITH HMA CLASS 1/2" PG 64-22 AND SEAL THE JOINT.
5. IF THE EXCAVATION BELOW THE ASPHALT PAVEMENT IS LARGER THAN THE 8 INCH CORE, THE PAVEMENT RESTORATION WILL INCLUDE A 2' BY 2' TEE PATCH FULL DEPTH OF THE ASPHALT CENTERED ON THE EXCAVATION, AS SHOWN ABOVE AS ALTERNATE REPAIR.
6. IF THE EXCAVATION IS LARGER THAN 2' BY 2', THE STANDARD GRIND AND OVERLAY RESTORATION SHALL BE USED.



PAVEMENT RESTORATION FOR WINDOW CUTS

| | |
|----------------|-------|
| DRAWING NUMBER | ROW-7 |
| SCALE | NONE |
| REVISION DATE | 01/14 |
| DEPARTMENT | TRANS |



NOTE:
 DURING CURB REPLACEMENT, ROOTS WITHIN 6 INCHES OF DEPTH FROM BOTTOM OF CURB SHALL BE CUT WITH A CLEAN, SHARP SAW. ROOTS GREATER THAN 6 INCHES DEEP SHALL BE PRESERVED, UNLESS SPECIFICALLY DIRECTED BY C.O.B.

| | | |
|------|----------------|------|
| TP-3 | DRAWING NUMBER | TP-3 |
| NONE | SCALE | NONE |
| 1/10 | REVISION DATE | 1/10 |
| ALL | DEPARTMENT | ALL |

TREE PROTECTION STANDARD



J. Construction Notification Sign Specifications

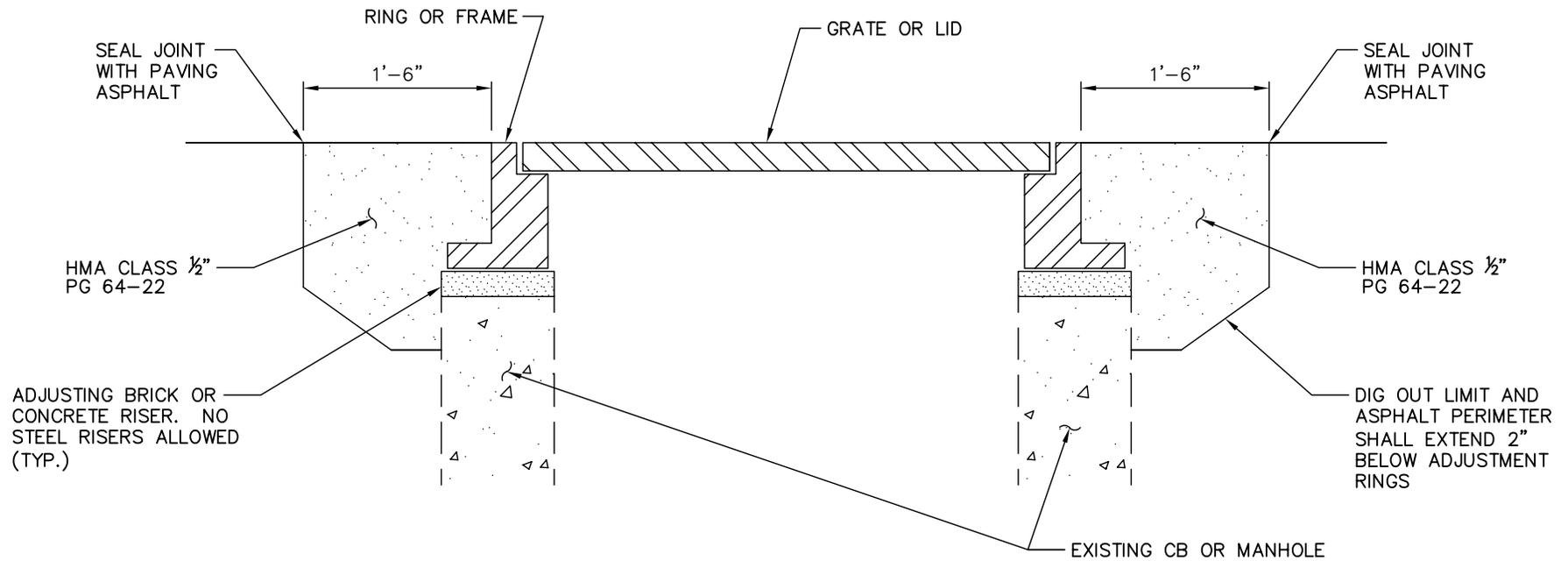
Updated August 2015

The following is an excerpt from Bellevue City Right of Way Use Code (14.30.205):

- A. Any work or activity by a utility or a franchise utility or telecommunications company, its contractors or subcontractors, within the public right-of-way that will take at least four hours or more, or will be excavating or trenching approximately 100 feet or more shall provide and install temporary construction notification signs.
- B. The signs shall include the utility or telecommunication company's name and logo, the company's employee contact name for the project and a phone number for the company.
- C. The sign size shall be a minimum of 30 inches by 30 inches and should not exceed 48 inches by 48 inches. All writing, lettering, or numbers shall be not less than four inches in height and be visible and readable by passing motorists.
- D. The signs may be installed on temporary posts or Type I barricades. They shall be located at each end of the project facing approaching traffic and/or within the area of any lane closure or construction activity.
- E. The signs shall be installed at the start of any construction or activity and shall remain until the construction work or activity has been completed and any restoration has been completed and approved by the city inspector.
- F. The director may approve exceptions to this section where the contractor can show that compliance would be impractical. (Ord.[5009](#) § 15, 1997.)

UTILITY MANHOLE AND VAULT ADJUSTMENT

THE EXISTING IRON FRAME AND COVER OR GRATE SHALL BE REMOVED AND THOROUGHLY CLEANED FOR REINSTALLATION TO THE NEW ELEVATION. THE EXISTING STRUCTURE SHALL BE RAISED OR LOWERED TO THE REQUIRED ELEVATION USING CONCRETE BLOCKS, BRICK, AND/OR CONCRETE RINGS. EACH JOINT SHALL BE GROUTED USING A ¾ INCH LAYER OF NON-SHRINK MORTAR, PLASTERED SMOOTH INSIDE AND OUT. COVERS SHALL BE SEATED ON A UNIFORM LAYER OF GROUT TO PREVENT ROCKING.



UTILITY ADJUSTMENT DETAIL

NTS



UTILITY ADJUSTMENT DETAIL

| | |
|----------------|-------|
| DRAWING NUMBER | ROW-8 |
| SCALE | NONE |
| REVISION DATE | 11/07 |
| DEPARTMENT | TRANS |