



Department of Land Use and Transportation
 Operations and Maintenance Division
 1400 SW Walnut Street, MS 51
 Hillsboro, OR 97123
 Phone: 503-846-7623 / Fax: 503-846-7620

Inspection Request Line (IVR)
Codes: 950 Operations Interim, 951 Operations Final
IVR: 503-846-3699
Online: <http://washcooraca.com>

Permit 231596

Right-of-Way Utility	Issued
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Description:
 21455 120TH AVE - Utility Attached is letter of authorization for H&M to apply on behalf of PGE for a utility permit. This is to cover the traffic impacts on SW 124th Ave. From Tualatin-Sherwood Rd to just south of SW Blake St. The TCP will impact the north and south lanes on SW124th Ave. Construct New Facility

Street/Road Information	Key Dates
Site Address: 21455 SW 120TH AVE	Accepted Date: 08/29/2023
Location: 21455 120TH AVE - Utility	Issued Date: 10/02/2023
Nearest Cross Street:	Proposed Start: 09/05/2023
Parcel:	Estimated Completion: 04/30/2024
Subdivision:	Expiration Date: 10/01/2024

Applicant: PGE 121 SW Salmon St Portland OR 97204 5034642174 Meredith.Armstrong@pgn.com	Contractor: Henkels and McCoy 5000 148th Ave Portland OR 97230
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Special Conditions

1. Approved for 10 minute shut downs with working hours between 9am to 2pm. If traffic backs up to Tualatin-Sherwood Rd during shut downs, a change of hours and times will be required.
2. A PCMS sign is required to be placed in both directions of travel at least 7 days in advance warning of possible delays.
3. This permit is for Washington County Right-of-Way only, other permits may be required.
4. No cuts in roadway without prior approval.
5. Traffic control must be adjusted to meet conditions in field.

Important Notice

- A) This permit is only valid when issued with the approved plans, the attached General Conditions, the above Special Conditions, and any other specified attachments or requirements.
- B) Additional fees may be required if there is a substantial change in the scope of work requiring further review by Washington County or if more than three site visits are needed for inspection purposes.
- C) If this permit expires without an approved final inspection or if the requirements of this permit have not been met to the satisfaction of Washington County, a notice may be placed in the property record related to the permit status which could delay the issuance or closure of other permits.

- D) Failure to comply with the terms and conditions of this permit may result in a code violation citation or other legal action necessary to enforce the terms of the permit.



GENERAL CONDITIONS
For Permits To Work in Washington County Right-of-Way

1. Comply with these General Conditions unless otherwise allowed, in writing, or modified by the Special Conditions or Special Provisions contained within this permit.
2. This permit does not authorize any activity on privately owned property or public rights-of-way not under the control and jurisdiction of Washington County.
3. Failure to comply with any term or condition of this permit shall be cause for the County to revoke, annul, terminate, suspend, revise or amend this permit or issue code violation citation or take any legal action necessary to correct the violation. All costs associated with work stoppage or revocation as provided herein are the responsibility of the Permittee.
4. Follow the direction of Washington County if actual site conditions warrant the need to modify any previously approved construction, traffic control, or erosion control plan. Washington County reserves the right to make changes to the permit and approved supplementary documents including any and all plans at any given time. If submitted plans were prepared by an engineer, submit as built plans to Washington County at project completion.
5. Obtain County approval prior to modifying the scope of the permitted work.
6. Communicate and coordinate, as needed, with adjacent residents, businesses, and other service providers (i.e. utilities, transit providers, garbage haulers, etc.) that may be impacted by the work associated with this permit.
7. Comply with all applicable city, county, state and federal laws and regulations associated with the performance of the work authorized by this permit. Laws and regulations listed in these General Conditions or the Special Provisions are for courtesy purposes only. These listings are not intended to be comprehensive. It is the responsibility of the Permittee and those performing the work to be knowledgeable about all applicable laws and regulations.
8. Washington County has the authority to designate the location where lines, fixtures and facilities may be located, and subject to ORS 758.025 may order the location of any such line, fixture or facility to be changed when deemed expedient by the County. Any line, fixture or facility erected or remaining in a different location upon such road than that designated in any order of the County is a public nuisance and may be abated accordingly.
9. Obtain any other permits, licenses, or authorizations required by other utilities, public agencies, or organizations for performing work authorized under this permit.
10. ATTENTION: Oregon law requires you to follow rules adopted by the Oregon Utility Notification Center. Those rules are set forth in OAR 952-001-0010 through OAR 952-001-0100. You may obtain copies of the rules by calling the center. The telephone number for the Oregon Utility Notification Center is (503) 232-1987, (800) 332-2344, or 811. You can also visit www.digsafelyoregon.com for more information. The Oregon Utility Notification Center One Call locates telephone number in the greater Portland Metropolitan area is (503) 246-6699.
11. Permittee shall contact the County, using one of the *Contact Options* below, at least one (1) business day prior to the following milestones:
 - a) Start of construction – For notification purposes only. Formal inspection not required to commence construction. Indicate that inspection request is for start of construction.
 - b) Concrete form inspection – Concrete shall not be placed until forms have passed formal inspection.
 - c) Pre-paving inspection – Paving shall not be performed until site has passed formal inspection.
 - d) A break in construction greater than three (3) days (excluding holidays and weekend) – For notification purposes only.
 - e) Completion of construction – Use "Final" inspection code to request inspection after all permitted work is complete.

Contact Options:

- 1) Phone: (503) 846-3699
- 2) Online: <http://washcooraca.com>

Be prepared to have your permit number and inspection code available for entry into the automated system(s).

12. Thirty (30) days prior to the expiration of the permit the Permittee shall contact the County at 503-846-7623 and provide an update and status of the permitted work, if the work has not been completed. If the work will not be completed prior to permit expiration, the Permittee shall request an extension for the permit or risk having to re-apply for a new permit with new fees and requirements associated with the work.
13. Construct the permitted activity with materials, equipment, labor, and workmanship to meet or exceed the relevant specifications established in the Washington County *Road Design and Construction Standards* (Ordinance #738 as adopted January 27, 2011), the 2018 Oregon Standard Specifications for Construction, and any special conditions or provisions established by this permit. Ensure quality control is maintained for all work performed and correct any work that does not meet the minimum standards and specifications.



GENERAL CONDITIONS
For Permits To Work in Washington County Right-of-Way

14. Establish and maintain work zone traffic control in compliance with the *Oregon Temporary Traffic Control Handbook for Operations of Three Days or Less* (December 2011) any time vehicle or pedestrian traffic is influenced by the work. For work requiring devices in place longer than three (3) days, a site specific traffic control plan based on the principles in Part 6 of the MUTCD, the Oregon Supplement and ODOT's 2015 Standard Drawings TM800 – TM871, is required. All traffic control devices shall meet or exceed the NCHRP 350 requirements for crashworthiness. Completed signal shut down requests must be received by the County a minimum of 3 working days prior to any proposed signal shut down.
15. Accommodate all road users at all times including motorists, bicyclists, pedestrians, and those with disabilities or impairments. Install and maintain additional temporary signing and traffic control devices for the control of non-motorized vehicles and pedestrians where a reasonable volume of these users are expected and where work is expected to last longer than one hour. Maintain safe accessibility or provide suitable alternate routes in, through, or around work areas.
16. Limit work & activity (construction, restoration, erosion control, etc) to no more than 1,000 lineal feet at any one time.
17. Impact no more than one consecutive intersection at a time.
18. Do not store or park any equipment, vehicles, or materials in the right-of-way overnight unless approved by Washington County.
19. Utilize construction materials and methods to maintain at least one travel lane at all times. Adjust work zone to ensure no vehicles are stopped, held or restricted for more than fifteen (15) minutes. Lane restrictions may be allowed in accordance with an approved traffic control plan and according to the following table:

Functional Classification	Monday – Friday (weekend work requires prior approval) No lane restriction allowed during the times below		Weekday preceding a holiday Latest End Time
	AM	PM	
Arterial	6:30 – 9:00	3:30 – 6:30	12:00 p.m.
Collector/Neighborhood Route	7:00 – 8:30	4:00 – 6:00	
Local	7:00 – 8:00	5:00 – 6:00	

Night work is allowed if a noise variance is obtained per general condition 28

20. Suspend work on the following holidays: **New Year's Day** (Jan 1), **Martin Luther King Day** (3rd Mon in Jan), **President's Day** (3rd Mon in Feb), **Memorial Day** (last Monday in May), **Independence Day** (Jul 4), **Labor Day** (1st Monday in Sept), **Veteran's Day** (Nov 11) **Thanksgiving** (4th Thursday & 4th Friday in Nov), **Christmas Day** (Dec 25).
 When a holiday falls on a Saturday, the observed holiday is the preceding Friday.
 When a holiday falls on a Sunday, the observed holiday is the following Monday.
21. Comply with Washington County's *Best Management Practices for Routine Road Maintenance* (December 2010) as well as Clean Water Services' *Erosion Prevention and Sediment Control Standards* and the appropriate best management practices outlined in Clean Water Services' *Design and Construction Standards*.

 Ensure all equipment is clean and leak free with sufficient and appropriate spill prevention and clean up materials on site and the personnel involved with the permitted activity are familiar with and proficient in the use of these materials. When not being actively used for the permitted activity, remove construction equipment from the right-of-way. Do not park, re-fuel, or service equipment or store hazardous materials directly over or uphill from catch basins, drainage inlets, or manholes or within 150 feet of any wetland, waterway, or resource water. When reasonably available, re-fuel over an impervious surface and use absorbent pads to collect spilled fuel.

 Install and maintain appropriate erosion and sediment control devices, in accordance with an approved Erosion and Sediment Control Plan (ESCP) to ensure that all catch basins, drainage inlets, manholes, wetlands, waterways, and resource waters are sufficiently protected from erosion and sediment. In the absence of a formal ESCP, comply with Clean Water Services' *Erosion Prevention and Sediment Control Standards*.
22. Preserve and protect all public and private infrastructure ensuring that these facilities continue to properly function during the course of the permitted activity, including, but not limited to, underground storm drainage systems, open drainage systems, culverts, roof drains, field inlets and drains, irrigation systems, traffic control devices, and illumination.
23. Restore all existing infrastructure, affected by the permit activity, to original or better condition. Restoration includes, but is not limited to, the road surface, base and subgrade, pavement markings, drainage facilities, signs, safety appurtenances, bicycle and pedestrian facilities, vegetation or landscaping and any other feature affected by the activity. Restoration of the right-of-way shall be completed in a timely manner and to the County's satisfaction.
24. Re-establish surfaces to their pre-existing grade at the end of each work day. For Asphaltic surfaces or Portland cement concrete, interim re-establishment shall be with either hot mix or cold mix asphaltic concrete and shall be in place for no longer than fourteen (14) calendar days. Beyond fourteen (14) calendar days, permanent right-of-way restoration shall be used unless approved by the County. STEEL PLATES/Core hole covers are NOT an acceptable interim solution unless prior approval has been obtained through Washington County. Please submit a steel plate/core hole cover permit application prior to installation.



GENERAL CONDITIONS

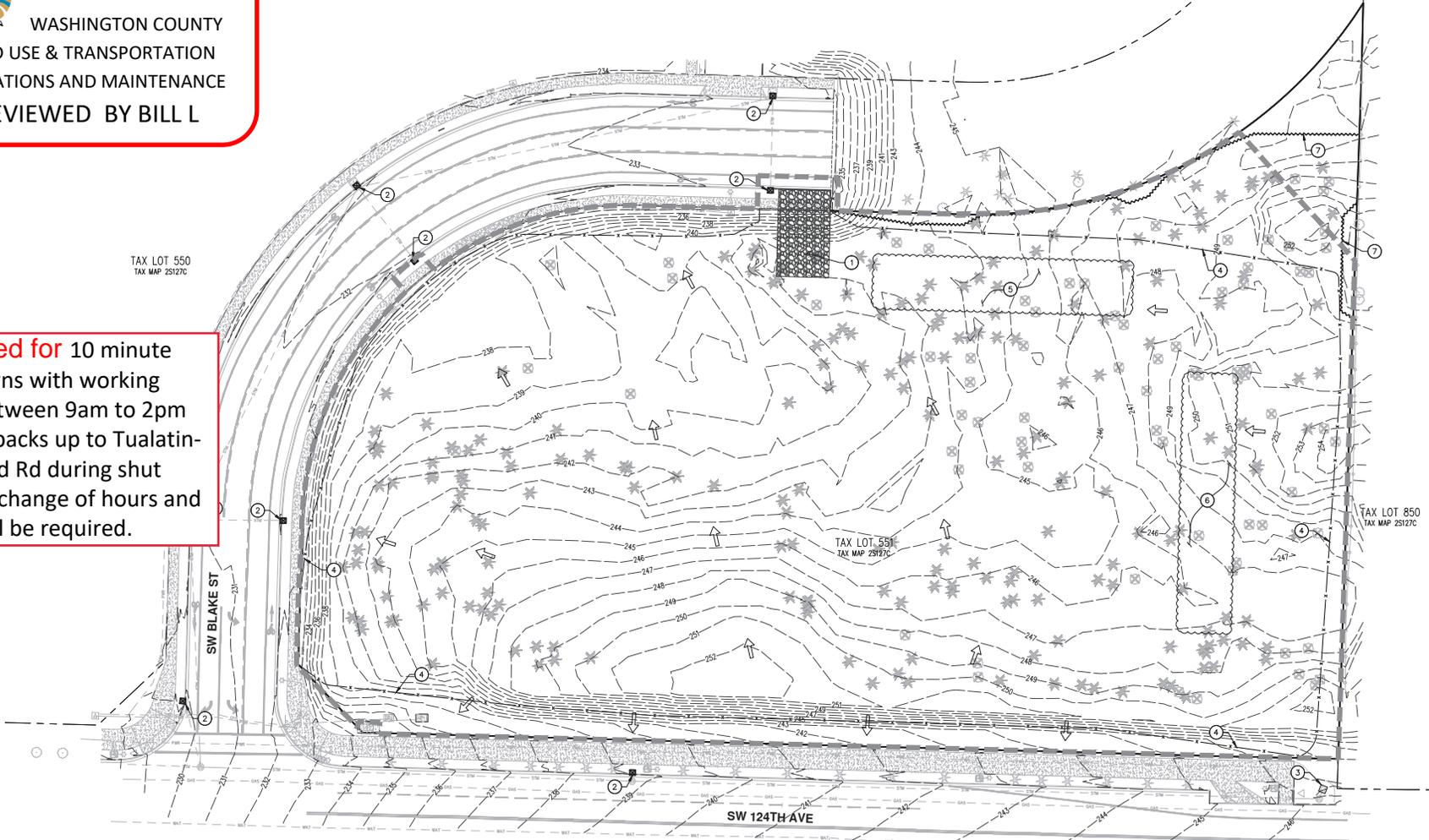
For Permits To Work in Washington County Right-of-Way

25. Installation of underground utilities or any other buried appurtenance shall be at least thirty (30) inches below grade. All mechanically extracted, cylindrical cores, up to 8" diameter, taken from the paved section of roadway shall be restored according to the County's "Core Hole" Detail.
26. Concrete panels shall not be cut without express written permission from Washington County. If concrete panels, curbs, sidewalks or driveways are disturbed or damaged, replacement of full panels, to the nearest cold joint, shall be required. Prior to pouring concrete. Permittee shall submit concrete mix design for review and approval by Washington County and arrange for a form inspection.
27. Preserve and protect survey monuments, public land corners and any accessory associated with these features. If interference, removal, or destruction is necessary, comply with ORS 209.140 through ORS 209.155. Additionally, utility infrastructure may not be placed within one foot of a survey monument location noted on a subdivision or partition plat, in accordance with ORS 92.044. The Washington County Surveyor can be reached at (503) 846-8723.
28. Comply with Washington County's Noise Control Ordinance established in Chapter 8.24 of the County's *Code of Ordinances*. Acquire a variance to the noise ordinance, when needed.
29. Interaction with the County, other agencies, service providers and the public shall be in a professional, courteous and timely manner.
30. Maintain a complete set of the permit, approved plans, traffic control plans, erosion control plans, and any conditions or special provisions at the job site and have them available for review, upon request.
31. Grant the County immediate access to the permitted work area. The Permittee shall appoint and assign a foreman or competent person that shall be available as the County's point of contact while work is being performed. If this foreman or competent person is unavailable while work is being performed, the Permittee shall provide the County with an alternate. The County reserves the right to enter the work area covered under this permit for any reason.
32. Permits are valid for one year from date of issuance and all work must be completed in that time period. Expired permits, without an approved final inspection, may have a notice placed in their property record related to the permit status.
33. If the requirements for this permit have not been met, there may be a denial or delay with the issuance of other permits.
34. Guarantee all permitted work for a minimum of one year from date of completion. County may require a cash deposit during the guarantee period depending on the type of work. In the event that the Permittee fails to perform warranty work in a timely manner to the satisfaction of Washington County, the deficient work may be corrected, mitigated, or abated by the County. Permittee shall be responsible for all expenses associated with work done by the County to correct, mitigate, or abate a deficiency.
35. Additional fees may be required if there is a substantial change in the scope of work which requires further review by Washington County or if more than three site visits are needed for inspection purposes. Additional inspection fees will be charged in accordance with the adopted fee schedule.
36. Include the permit number in all written and verbal correspondence with the County.
37. Comply with the Right-of-Way Permit Insurance Requirements (i.e. Tier 1, Tier 2, or Tier 3) determined for this permit.
38. Utility owned assets placed in the right-of-way shall be kept clear of vegetation by the utility owner in such a manner that the asset is clearly visible year around. This does not apply to aerial or subsurface assets.



WASHINGTON COUNTY
LAND USE & TRANSPORTATION
OPERATIONS AND MAINTENANCE
REVIEWED BY BILL L

Approved for 10 minute
shut downs with working
hours between 9am to 2pm
If traffic backs up to Tualatin-
Sherwood Rd during shut
downs a change of hours and
times will be required.



EROSION CONTROL LEGEND

- 239 --- EXISTING GRADE CONTOUR (1 FT)
- 240 --- EXISTING GRADE CONTOUR (5 FT)
- --- DISTURBED AREA BOUNDARY
- --- ORANGE PERIMETER SEDIMENT FENCE
- --- TREE PROTECTION FENCE
- --- PRE-DEVELOPED SURFACE
- --- FLOW ARROW
- --- EXISTING TREE TO BE REMOVED
- --- INLET PROTECTION
- --- GRAVEL CONSTRUCTION ENTRANCE

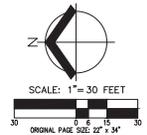
PRE-CONSTRUCTION, CLEARING, AND DEMOLITION NOTES:

1. ALL BASE ESC MEASURES (INLET PROTECTION, PERIMETER SEDIMENT CONTROL, GRAVEL CONSTRUCTION ENTRANCES, ETC.) MUST BE IN PLACE, FUNCTIONAL, AND APPROVED IN AN INITIAL INSPECTION, PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES.
2. SEDIMENT BARRIERS APPROVED FOR USE INCLUDE SEDIMENT FENCE, BERMS CONSTRUCTED OUT OF MULCH, CHIPPINGS, OR OTHER SUITABLE MATERIAL, STRAW WATTLES, OR OTHER APPROVED MATERIALS.
3. SENSITIVE RESOURCES INCLUDING, BUT NOT LIMITED TO, TREES, WETLANDS, AND RIPARIAN PROTECTION AREAS SHALL BE CLEARLY DELINEATED WITH ORANGE CONSTRUCTION FENCING OR CHAIN LINK FENCING IN A MANNER THAT IS CLEARLY VISIBLE TO ANYONE IN THE AREA. NO ACTIVITIES ARE PERMITTED TO OCCUR BEYOND THE CONSTRUCTION BARRIER.
4. CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT THE BEGINNING OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT. ADDITIONAL MEASURES INCLUDING, BUT NOT LIMITED TO, STREET SWEEPING, AND VACUUMING, MAY BE REQUIRED TO INSURE THAT ALL PAVED AREAS ARE KEPT CLEAN FOR THE DURATION OF THE PROJECT.
5. RUN-ON AND RUN-OFF CONTROLS SHALL BE IN PLACE AND FUNCTIONING PRIOR TO BEGINNING SUBSTANTIAL CONSTRUCTION ACTIVITIES. RUN-ON AND RUN-OFF CONTROL MEASURES INCLUDE: SLOPE DRAINS (WITH OUTLET PROTECTION), CHECK DAMS, SURFACE ROUGHENING.

6. STRAW WATTLES MAY BE USED AS A SUBSTITUTE FOR INTERIOR SEDIMENT FENCE.
7. WORK ON-SITE SHALL NOT BEGIN UNTIL THE CITY HAS INSPECTED AND APPROVED IN THE FIELD ALL THE EROSION CONTROL MEASURES. CONTRACTOR SHALL COORDINATE AND SCHEDULE THE EROSION CONTROL INSPECTION PRIOR TO START OF WORK.
8. CONTRACTOR SHALL PROVIDE SPILL PREVENTION PLAN AND PROCEDURES AS REQUIRED FOR THE 1200C PERMIT PRIOR TO THE START OF CONSTRUCTION.
9. CONTRACTOR SHALL PROVIDE THE EC INSPECTOR A LIST OF ALL SUBCONTRACTORS THAT WILL ENGAGE IN CONSTRUCTION ACTIVITIES ON-SITE AND IDENTIFY PERSONNEL RESPONSIBLE FOR INSTALLATION AND MAINTENANCE OF EC MEASURES ASSOCIATED WITH EACH LOT'S CONSTRUCTION.
10. WET WEATHER CONSTRUCTION (OCT. 1 - MAY 31) IS ANTICIPATED FOR THIS PROJECT. ADDITIONAL WET WEATHER EC MEASURES SHALL CONSIST OF CONTRACTOR ESTABLISHING PERMANENT VEGETATIVE COVER OR COVERING/PROTECTING EXPOSED SOILS (INCLUDING TRENCH SPIRAL STOCKPILES) WITH STRAW MULCH, PLASTIC SHEETING, OR EROSION CONTROL BLANKETS. ALL BARE/EXPOSED SOILS SHALL BE COVERED/PROTECTED AT THE END OF EACH DAY FOR ACTIVE CONSTRUCTION SITES DURING THE WET WEATHER PERIOD.

GENERAL ESC NOTES:

1. PROTECT ALL EXISTING IMPROVEMENTS OUTSIDE OF LIMITS OF DISTURBED AREA SHOWN. ANY DAMAGE SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE.
2. REFER TO SHEETS C055 AND C054 FOR EROSION AND SEDIMENT CONTROL DETAILS.
3. KEYED EROSION AND SEDIMENT CONTROL NOTES:
1. INSTALL GRAVEL CONSTRUCTION ENTRANCE PER CWS DRAWING NO. 855.
2. INSTALL CURB AND GUTTER INLET PROTECTION PER CWS DRAWING NO. 905.
3. INSTALL TYPE 5 (SILT SACK) INLET PROTECTION PER CWS DRAWING NO. 920.
4. INSTALL SEDIMENT FENCE PER CWS DRAWING NO. 875.
5. STOCKPILING AREA WITH PLASTIC SHEETING PER CWS DRAWING NO. 810.
6. STAGING AREA WITH PLASTIC SHEETING PER CWS DRAWING NO. 810.
7. INSTALL TREE PROTECTION FENCE PER SHEET C070.



AKS DRAWING FILE: B044 C051 ESC PRELIM LAYOUT: C051



AKS ENGINEERING & FORESTRY, LLC
12962 SW HERMAN RD, STE 100
TUALATIN, OR 97062
503.243.4351
WWW.AKS-ENR.COM

OREGON
FORESTRY • PLANNING • LANDSCAPE ARCHITECTURE
ENGINEERING • SURVEYING • NATURAL RESOURCES

PGE TONQUIN
SUBSTATION
TUALATIN
OREGON
WASHINGTON COUNTY ASSESSOR'S TAX MAP 25127C
TAX LOT 551

CLEARING & DEMOLITION
ESC PLAN

DESIGNED BY: AMC
DRAWN BY: JLG
MANAGED BY: BB
CHECKED BY: CEG
DATE: 04/25/2023



RELATIONS

JOB NUMBER
8464

SHEET
C051



Project Location

Temporary short term road closure for blasting operations

La-Z-Boy Furniture Warehouse

Milgard Windows & Doors

Tualatin Indoor Soccer

Nuance Systems (NSI)

T-S Corporate Park

DW Fritz Sherwood
Temporarily closed

Western Precision Products

Ardent Mills

Oregon Asphaltic Paving

Amazon DPD4

Amazon Warehouse

Tigard Sand & Gravel

SW Tualatin-Sherwood Rd

SW 124th Ave

SW 124th Ave

SW 124th Ave

SW Dahke Ln

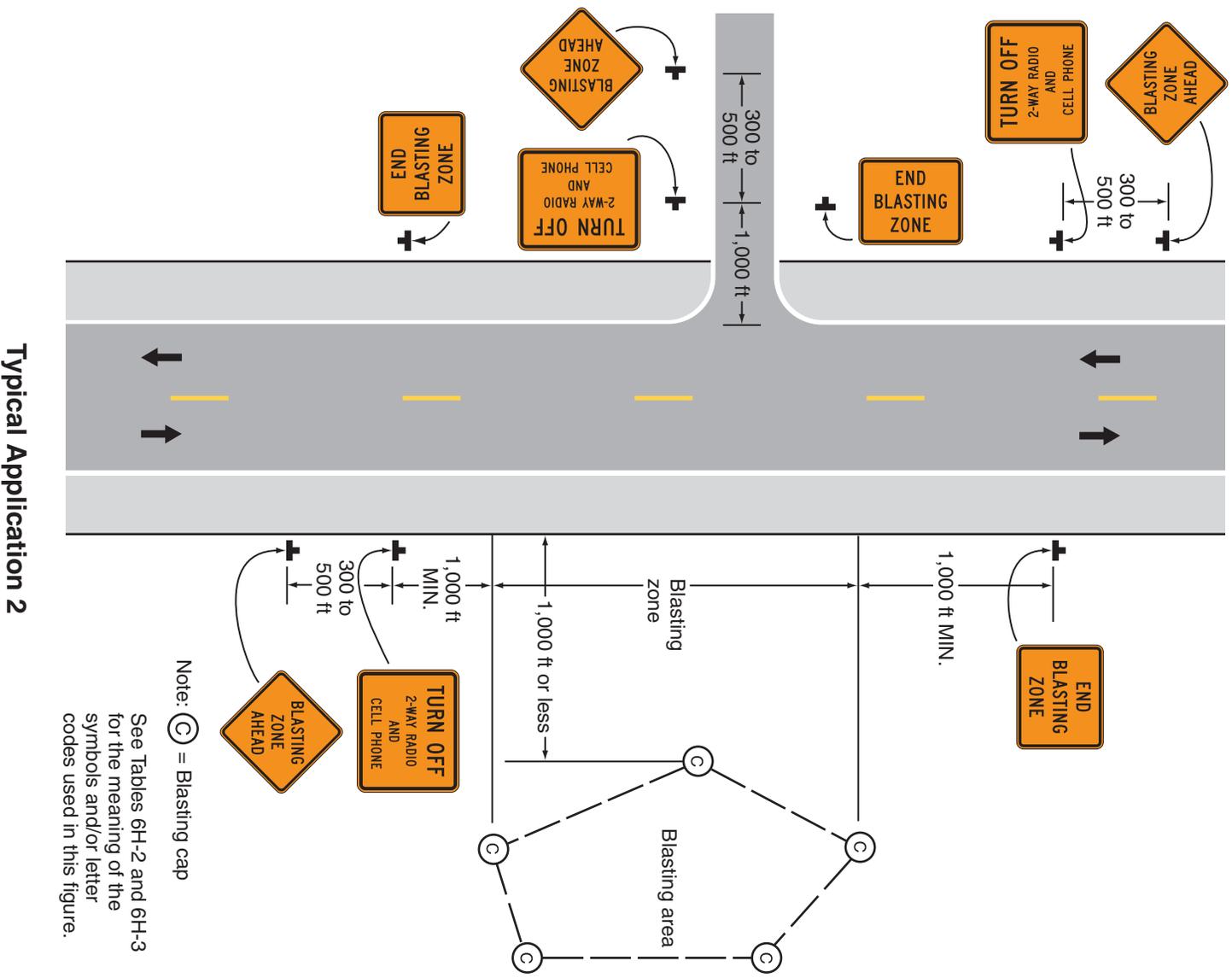
Notes for Figure 6H-2—Typical Application 2 Blasting Zone

Standard:

1. Whenever blasting caps are used within 1,000 feet of a roadway, the signing shown shall be used.
2. The signs shall be covered or removed when there are no explosives in the area or the area is otherwise secure.
3. Whenever a side road intersects the roadway between the BLASTING ZONE AHEAD sign and the END BLASTING ZONE sign, or a side road is within 1,000 feet of any blasting cap, similar signing, as on the mainline, shall be installed on the side road.
4. Prior to blasting, the blaster in charge shall determine whether road users in the blasting zone will be endangered by the blasting operation. If there is danger, road users shall not be permitted to pass through the blasting zone during blasting operations.
5. *On a divided highway, the signs should be mounted on both sides of the directional roadways.*

Guidance:

Figure 6H-2. Blasting Zone (TA-2)



Typical Application 2

Notes for Figure 6H-13—Typical Application 13 Temporary Road Closure

Support:

1. Conditions represented are a planned closure not exceeding 20 minutes during the daytime.

Standard:

2. A **Flagger or uniformed law enforcement officer** shall be used for this application. The **flagger**, if used for this application, shall follow the procedures provided in Sections 6E.07 and 6E.08.

Guidance:

3. *The uniformed law enforcement officer, if used for this application, should follow the procedures provided in Sections 6E.07 and 6E.08.*

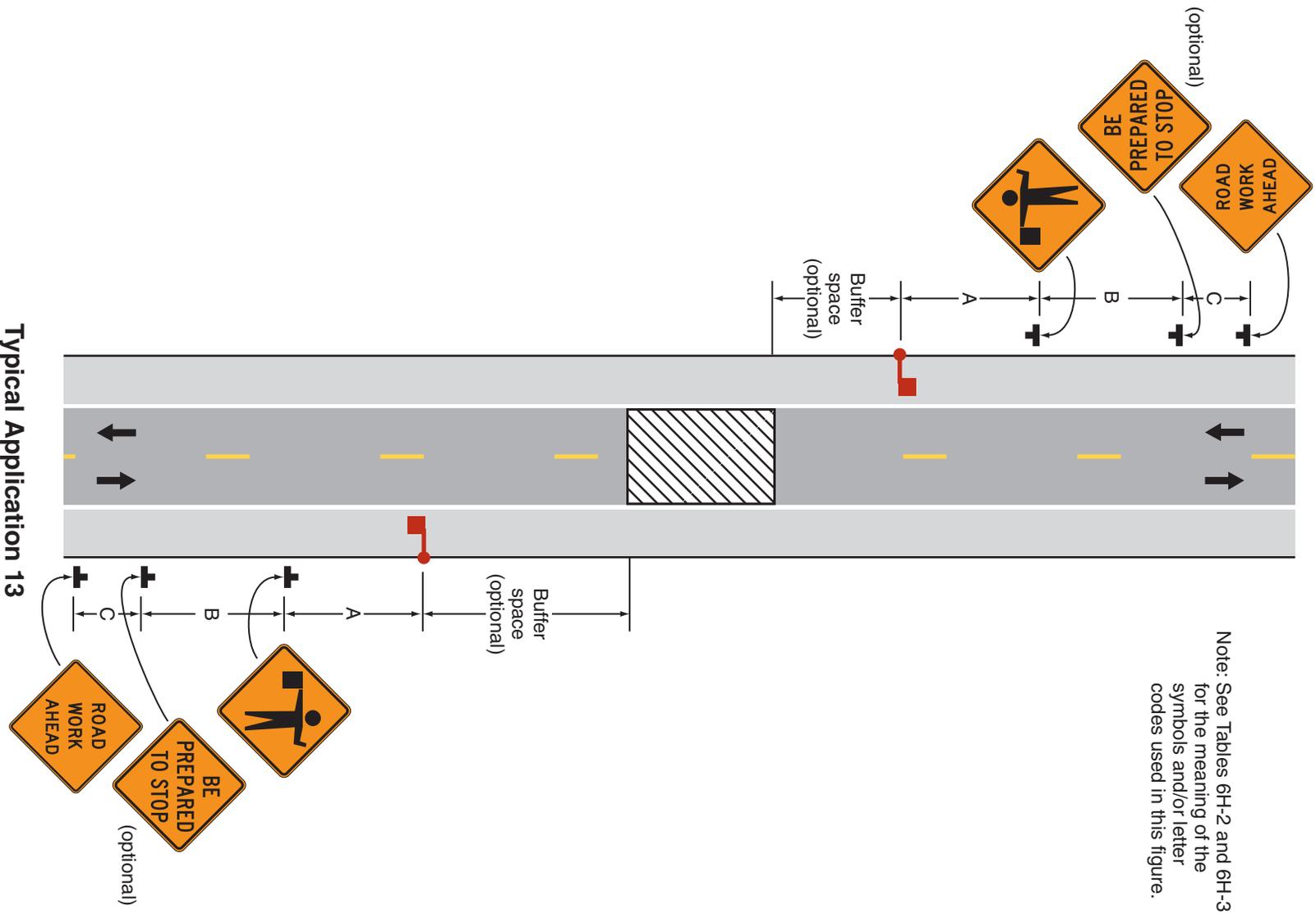
Option:

4. A **BE PREPARED TO STOP** sign may be added to the sign series.

Guidance:

5. *When used, the **BE PREPARED TO STOP** sign should be located before the **Flagger** symbol sign.*

Figure 6H-13. Temporary Road Closure (TA-13)



Typical Application 13

From: Jack Dwyer <jdwyer@henkelswest.com>
Sent: Monday, September 25, 2023 12:18 PM
To: Bill La Fleur
Cc: Katelyn Michelson; Jordan Messinger
Subject: [EXTERNAL] Answer for ROW Permit 231596 - Working Hours

Bill,

ROW permit #231596 is to shut down 124th Ave, in Tualatin, for blasting during a PGE project. From speaking to Katelyn, Washington County provided two work hour options. Working with the blasting contractor, they prefer 10 minute shut downs with working hours between 9am to 2pm. If you have any more questions on this ROW permit, I can get you answers ASAP.



 a MasTec company

Jack Dwyer
Project Manager
Henkels & McCoy West
503.505.2608
jdwyer@henkelswest.com • henkelswest.com

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