

Land Use Planning Division

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multco.us/landuse

GEOLOGIC HAZARDS PERMIT (GHP) Form 1: GEOTECHNICAL RECONNAISSANCE AND STABILITY PRELIMINARY STUDY

Note: Response to each question below must be completed or verified by a Certified Engineering Geologist or Geotechnical Engineer, including a State of Oregon Registration Stamp and Number in the space provided on page four. The GHP Form 1 addresses Multnomah County Code Section 39.5085(C)(3)(c); 38.5515(C)(3)(c), Geologic Hazards Permits.

Site Ad	Idress: Tax Lot 2500, NW Cornelius F	Pass Road, Multnomah County, Oregon
	Description: 2N1W31C-02500	
	ty Owner's Name: Oregon Depart	artment of Transportation
-	reparing Report: Carlson Geot	
	ss: 18270 SW Boones Ferry	
City: Durham		State: Oregon Zip: 97224
•	Preparer's Name: Ryan T. H	
	Phone Number: 503-601-82	
GENE	RAL PROPERTY INFORMATION	
1. a.	Maximum Slope on Property: 2H:1V Average Slope of Property: 8H:1V	Area in which it is located: Road cut at north end of site
b.	Are there any wetlands or streambeds on the If yes, please show on topographical survey	
c.	Volume of soil or earth material disturbed, s	stored, disposed of or used as fill:
d.	Total area of proposed ground disturbance:	
	(square feet)	_(acres)
New re	oadway and open pile materials storage areas wil	encompass a footprint of approximately 1 acre.

Were building plans considered when completing this form? (Please Circle) Yes If yes, please note the author and date the plans were prepared.



No

ODOT Conceptual plans dated 04/13/20

2. What is the general topography of the property? Please attach a topographic survey or sketch with pertinent notes.

Site topography described in Section C.6.1 of engineering geology report (Appendix C), and shown on Figures 2 and C8.

3. Are there any visible signs of instability or other potentially adverse site features (Landslides, slumps, mud flow, creep, ravines, fills, cuts, seeps, springs, ponds, etc.) within the surrounding area for a minimum distance of 100 feet beyond the subject property boundaries? Describe and indicate on attached topographic survey or sketch.

No signs of instability or adverse features were observed within 100 feet of the subject property. See Sections C.6 and C.7 of engineering geology report (Appendix C) for discussion.

4. Is any earthwork proposed in connection with site development?

(Please Circle)



No

If yes, please indicate depth and extent of cuts/fills; describe fill types.

Cuts and fills to achieve finished grades are anticipated to be less than 3 feet, as described in Section 1.1 of the geotechnical report.

5. In your opinion, will the proposed earthwork cause potential stability problems for the subject and/or adjacent properties?

(Please Circle)

Yes



IF YES, EXPRESS PROBABILITY:

(Please Circle)

Very Probable

Possibly

Possible, but remote

If Very Probable or Possibly, please explain.

6.	In your opinion, will the proposed development (structures, foundations, parking area, streets, etc.) create potential stability problems for the subject and/or adjacent properties?					
	(Please Circle)	Yes	No			
	IF YES, EXPRESS PROBABILITY:					
	(Please Circle)	Very Probable	Possibly	Possible, but remote		
	If Very Probable or	r Possibly, please expl	ain.			
7.	In your opinion w	ould the subsurface	disposal of sev	wage effluent on the site (i.e., dra	in	
	fields) have an adverse affect on stability of the site or adjacent area?					
	(Please Circle)	Yes	No	Not applicable		
	IF YES, EXPRESS	S PROBABILITY:				
	(Please Circle)	Very Probable	Possibly	Possible, but remote		
	If Very Probable of	r Possibly, please exp	lain.			
8.	If answer is Very Probable or Possibly to questions 4 or 5, is it your opinion, on the basis of a visual evaluation, that adequate stability might be achieved by preferred siting of the development, alternative foundation support, earthwork, drainage, etc.?					
	(Please Circle)	Yes	No	Not applicable		
	If yes, please expla	in.				

9. Do you recommend additional geotechnical studies (i.e., mapping, testing pits or borings, stability analysis, etc.) prior to site development?

(Please Circle)

Yes



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If yes, please explain.

A geotechnical investigation report was completed by Carlson Geotechnical for the proposed project dated September 23, 2020. The geotechnical recommendations contained therein should be incorporated into the design and development of the proposed project.

By signing and affixing the required stamp below, the Certifying Engineering Geologist or Geotechnical Engineer certifies that the site is suitable for the proposed development.

Signature

9/28/20

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