

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 240405

Right-of-Way Utility	Issued
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Description:

Stafford Rd - Utility M2764844 - KEM

This project is relating to the Rosemont-Wilsonville 115 kV transmission line reconductor, and is associated with the larger Tonquin reliability project. The six poles in question will be replaced and reconductored to support the updated conductor. We will be replacing poles, installing a pole and aerial work. Construction slated to begin05/2025 and end 12/2025. We will be Replacing 11 poles, installing 1 new pole and aerial work. Repair/Replace/Modify

Street/Road Information		Key Dates	Key Dates		
Site Address:	25935 SW STAFFORD RD	Accepted Date:	03/11/2024		
Location:	Stafford Rd - Utility	Issued Date:	03/14/2024		
Nearest Cross Street	:	Proposed Start:	05/01/2025		
Parcel:		Estimated Completion:	12/31/2025		
Subdivision:		Expiration Date	03/14/2025		

Applicant:	Contractor Coordination	Contractor:	Henkels & McCoy West, LLC
	10800 SW Avery st		2840 FISCUS STREET
	Tualatin OR 97062		Pomona CA 91766
	5037365515		
	Contractorcoord@pgn.com		

Special Conditions

- 1. Please call the inspection request line for start work, sidewalk and curb form inspection, and any other questions you might have regarding this permit. If work is interrupted and restarted call the inspection request line for start.
- 2. The authorized lane restrictions under this permit are from 9:00AM to 3:30PM.
- 3. Any damage to the asphalt road surface is to be repaired with an approved asphaltic material. If steel plates are needed, please apply for a steel plate permit at washcooraca.com.
- 4. This permit is for Washington County Right-of-Way only, other permits may be required.
- 5. No cuts in roadway without prior approval.
- 6. Traffic control must address bike lane if affected.
- 7. Traffic control must be adjusted to meet conditions in field.
- 8. ALL VEHICLES, MATERIALS, AND EQUIPMENT MUST BE REMOVED FROM RIGHT OF WAY AT END OF EACH DAY
- 9. Pole (s) must be a minimum of 2' from F.O.C / EOP
- 10. Pole (s) must be a minimum of 6" from edge of sidewalk

- 11. Sidewalks must maintain 5' in width
- 12. Bonding straps to steel poles shall not be placed sidewalk side of pole
- 13. New Pole (S) cannot be closer to edge of road than existing

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

- Comply with these General Conditions unless otherwise allowed, in writing, or modified by the Special Conditions or Special Provisions contained within this permit.
- 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.
- 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.
- 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.
- 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 952-001-0100 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:

	Monday – Friday (weekend No lane restriction allow	Weekday preceding a holiday		
Functional Classification	AM	PM	Latest End Time	
Arterial	6:30 - 9:00	3:30 - 6:30		
Collector/Neighborhood Route	7:00 - 8:30	4:00 - 6:00	12:00 p.m.	
Local	7:00 - 8:00	5:00 - 6:00		
Night work is a	llowed if a noise variance	s obtained per general cond	ition 28	

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), Juneteenth Day (June 19th), 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.

 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, refuel, 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 <u>maintain</u> 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.

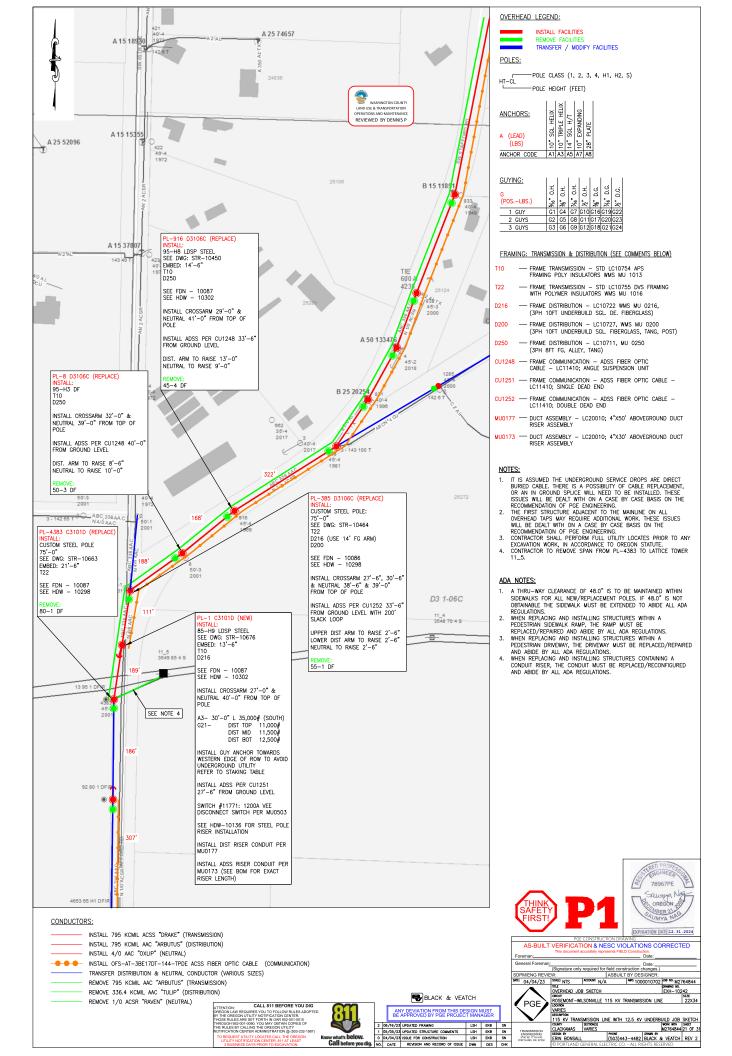
- 22. Preserve and protect all public and private infrastructure ensuring that these facilities continue to properly function during the course of the permitted activity, including, but not limited to, underground storm drainage systems, open drainage systems, culverts, roof drains, field inlets and drains, irrigation systems, traffic control devices, and illumination.
- 23. Restore all existing public 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

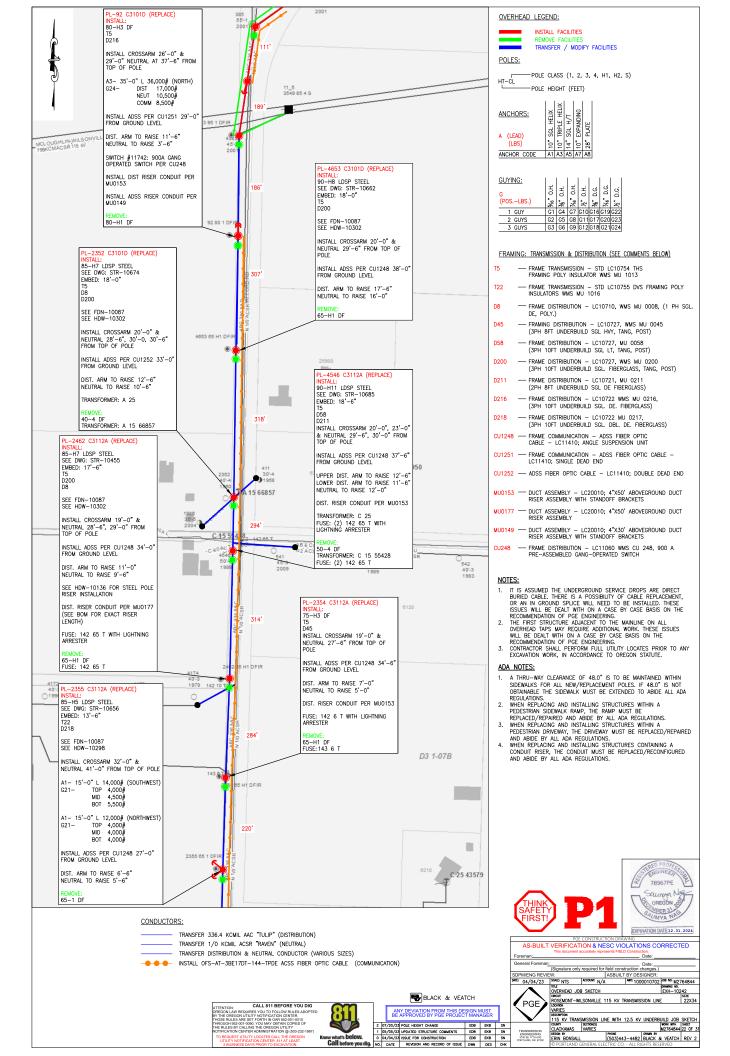


GENERAL CONDITIONS For Permits To Work in Washington County Right-of-Way

- 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
- 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.







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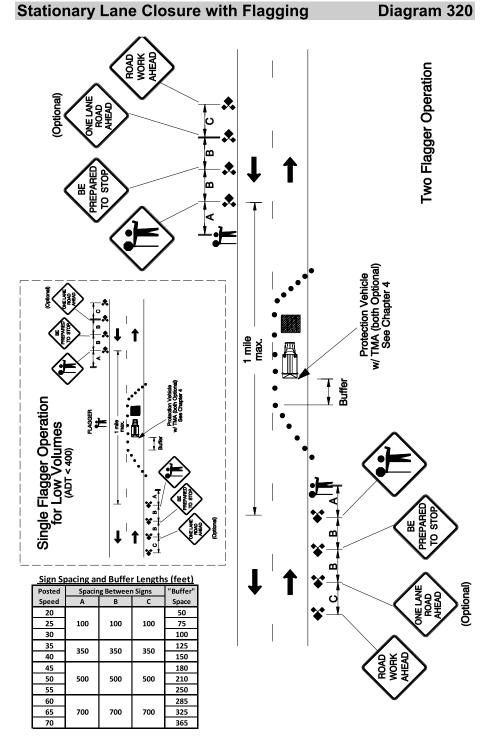
Stationary Lane Closure with Flagging Diagram 320

Diagram 320 covers total closure of one lane of a two-lane, two-way roadway. See the detail inset for the layout if using a single flagger to control both directions of traffic on low volume roads (less than 400 ADT) with good sight distance as discussed below.

- 1. Use truck-mounted flashing warning lights on work and protection vehicles. See Section 4.3 Lights and Lighted Signs for exceptions.
- 2. For added visibility, a truck-mounted arrow board or PCMS in caution mode may be used.
- 3. Flaggers at each approach are required if any of the following conditions exist:
 - a. Night Operations.
 - b. Work space is over 200 feet in length.
 - c. Sight distance is less than 750 feet from each approach through the lane closure.
 - d. Traffic volumes are greater than 400 ADT.
- 4. The length between the Flagger Ahead signs **shall** not exceed one mile. Use Diagram 340 Lane Closure with Pilot Car if exceeding one mile.
- 5. Cones should be used to outline the work space when curves or other roadway alignments prevent clear direction for the motorists to pass the work space safely.
- 6. Cones along the work space are recommended when posted speeds are 45 mph or greater, when working under heavy traffic or when travel lanes are narrower than 11 feet.
- 7. Extended queue signing (see Diagram 5-4) should be used when traffic queues extend beyond the initial advance warning sign.
- 8. When flagging near an intersection, the "Flagger Ahead" (CW23-2) sign should be visible to traffic entering from any side road. Additional advance warning and Flagger Ahead symbol signs may be placed on the side road(s).
- Sign set-up and flagger placement shown may be used for intermittent full road closures of 20 minutes or less.
- 10. The "ONE LANE ROAD AHEAD" (W20-4) sign is optional and should be considered on high volume or high speed roads, or when extended queues are expected.

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Lane Closure at Intersection with Flagging Diagram 620

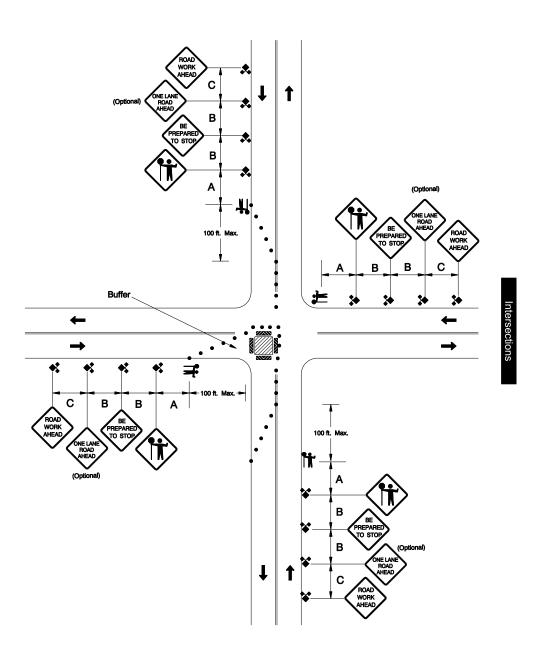
Diagram 620 covers work within an intersection when normal traffic control must be interrupted. Work vehicles may or may not be in the work space.

- 1. During flagging, traffic signals **shall** be turned off. Contact the road jurisdiction for approval and assistance (see Chapter 3).
- For multi-lane facilities, traffic approaching the intersection shall be reduced to a single lane on each approach. See Chapter 3 for information on flagging through intersections.
- 3. There should be one flagger for each approach. One flagger may control two adjacent approaches if sight distance, low volumes on side roads, and flagger position allows for safe operation and clear direction to motorists. For low traffic volume intersections (fewer than 400 entering vehicles per day), one flagger may be used.
- 4. The "ONE LANE ROAD AHEAD" (W20-4) sign is optional and should be considered on high volume or high speed roads, or when extended queues may be expected.

Sign Spacing and Buffer Lengths (feet)

Posted	Spacing Between Signs			"Buffer"
Speed	A	В	С	Space
20				50
25	100	100	100	75
30				100
35	350	350	350	125
40	350	550	350	150
45				180
50	500	500	500	210
55				250
60				285
65	700	700	700	325
70				365

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