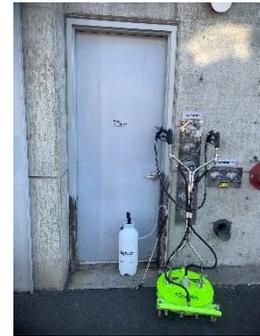


# High Pressure Power Washing Sidewalks in the Economic Improvement District

## Required tools and Equipment

- Power Washer (located @ City of Bend 15<sup>th</sup> Street)
- Contact @ City of Bend is Dustin Mitsch -Facilities Service Supervisor- dmitsch@bendoregon.gov
- Portable Sprayer and Cleaning Solution
- Power Washer Wand
- Rotary Surface Cleaner
- Small Squeegee (windows)
- Large Squeegee (removing excess water)
- Rags (wipe excess water on windows)
- Gas for power washer
- Diesel for heater on power washer
- Pliers and Universal water key



## Your Shift

1. Pick up Truck Keys in DBBA Office and Keys to lock on Power Washer Trailer hitch and Fire Riser #1 Room in the Alley behind OnPoint (parking garage)
2. Get Truck from parking garage
3. Drive to 15<sup>th</sup> St (City of Bend Facilities) to pick up power washer
4. Drive Downtown
5. Pick up Rotary Surface Cleaner from Fire Riser #1 Room and portable sprayer, and squeegee's
6. Go to Area specified for your shift
7. Fully unroll power washer hose and connect wand to hose utilizing quick disconnect fittings
8. Key to turn on Power Washer is located under Power Washer engine (magnetic key box)
9. You must fully squeeze wand handle to bleed power washer line while turning key to start power washer!
10. Make sure heater is on for power washer to be most effective
11. Spray down/rinse area you are starting with (approx. 20' of sidewalk surface)
12. With portable pump sprayer, spray surface with cleaning solution (approx. 20') and let it sit for about 10 min. to soak
13. \*if power washing sidewalks with pavers use rotary surface cleaner on area that is pre-soaked w/cleaning solution
14. After you have done your area with rotary surface cleaner, attach wand and rinse off surface
15. Repeat steps 11-15 to complete your assigned shift of power washing sidewalk

16. When complete, wind up power washer line, and attach wand back on to power washer, load up rotary surface cleaner into truck to return to Fire Riser #1 Room along with squeegees and portable sprayer and cleaner.
17. To re-fill power washer water tank, unroll water hose from unit and attach hose to spicket
18. It takes about 12 minutes to refill water tank
19. Before returning power washer to 15<sup>th</sup> St. (COB) you must stop by the gas station and re-fill the regular gas as well as the diesel which fuels the heater on power washer.
20. Return Power Washer to 15<sup>th</sup> St (COB) and put hitch lock back on power wash hitch
21. Return to Downtown, park truck in garage and return keys to DBBA Office

**\*1 Hour**

Key things to remember!

- Be sure and Do Not spray under doors to businesses
- Always point your wand away from the building so your so you're not forcing water into building
- Squeegee water on business windows and pools of water accumulating on sidewalks or around business openings to the street

Shift Breakdown

1. Starting on Minnesota outside of Lulu's/Gasoline Alley heading West to the corner of Minnesota/Wall outside 900 Wall and North to parking lot entrance to Wells Fargo on Wall St.

\*water spicket outside 900 Wall on Minnesota (water key required)

\*pavers

**\*6 hours x 2 (0230-0830) , 12 total labor hours**

2. Starting on Wall St from driveway entrance to Wells Fargo power wash North to the corner of Oregon/Wall (Wells Fargo) and wash East to Gasoline Alley

\*water spicket outside Wells Fargo on Oregon Ave. (water key required)

\*pavers

**\*6 hours x 2 (0230-0830), 12 total labor hours (24)**

3. Starting on Oregon Ave in front of the old Summit, power wash East to the corner of Bond/Oregon and South to Southern edge of Chomp Chomp\*water spicket outside main entrance to O’Kane Building on Oregon Ave (water key required)

\* pavers

**\*6 hours x 2 (0230-0830) 12 total labor hours (36)**

4. Starting on Bond on Northern edge of Astro, power wash South to 919 Bond (just before corner of Minnesota/Bond)

\*water spicket outside Astro (pliers needed)

\*pavers

**\*6 hours x 2 (0230-0830), 12 total labor hours (48)**

5. Starting on the corner of Bond/Minnesota power wash West to Gasoline Alley

\*water spicket outside Navidi’s (unable to turn on)

\*pavers

**\*6 hours x 2 (0230-0830), 12 total labor hours (60)**

6. Starting on the corner of Wall/Minnesota (Paper Jazz) power wash to Southern edge of Fjall Raven

\*water spicket outside Lotus Moon Boutique (pliers)

\*pavers

**\*6 hours x 2 (0230-0830), 12 total labor hours (72)**

7. Starting at Southern edge of Fjall Raven power wash South and do corner of Franklin/Wall (North Soles)

\*water spicket outside 828 Wall St (Fjall Raven/Plankers) (water key)

\*pavers

**\*6 hours x 2 (0230-0830), 12 total labor hours (84)**

8. Starting at completed corner of Franklin/Wall power wash East to complete corner of Franklin/Bond

\*pavers

\*water spicket outside North Soles on Franklin near entrance to Bella Brides (water key)

**\*6 hours x 2 (0230-0830) 12 total labor hours (96)**

9. Starting at the completed corner of Franklin/Bond (Columbia Bank) power wash South to Bend Teahouse

\*pavers

\*water spicket outside Columbia Bank on Bond behind shrubbery (water key)

**\*6 hours x 2 (0230-0830), 12 total labor hours (108)**

10. Starting at Bend Teahouse power wash South to the corner of Bond/Minnesota and do corner in front of Pave' Jewelry

\*spicket outside Bend Teahouse (water key)

\*pavers

**\*6 hours x 2 (0230-0830), 12 total labor hours (120)**

11. Starting at completed corner of Bond/Minnesota power wash West to completed corner of Wall/Minnesota outside Paper Jazz

\*water spicket outside Dudleys (pliers)

\*pavers

**\*6 hours x 2 (0230-0830), 12 total labor hours (132)**

12. Starting at corner of Wall/Oregon, power wash corner in front of Patagonia and power wash East to Gasoline Alley (East side of Bishops)

\*water spicket outside US Bank by ATM to the left (pliers)

\*pavers

**\*6 hours x 2 (0230-0830), 12 total labor hours (144)**

13. Starting at Western edge of US Bank power wash East and do corner of Oregon/Bond and continue North to entrance to US Bank on Bond

\*pavers

**\*6 hours x 2 (0230-0830), 12 total labor hours (156)**

14. Starting at entrance to US Bank on Bond, power wash North and do corner of Greenwood/Bond to Western edge of Brother Jon's

\*water spicket outside and to the right of entrance to Seven and outside Salut'e

\*pavers

**\*6 hours x 2 (0230-0830), 12 total labor hours (168)**

15. Starting from completed corner of Bond/Greenwood power wash from Western edge of Brother Jon's power wash West and do corner of Franklin/Wall

\*water spicket outside Andrew Harriss (327 Greenwood)

\*pavers

**\*6 hours x 2 (0230-0830), 12 total labor hours (180)**

16. Starting from completed corner of Greenwood/Wall power wash South to completed corner of Wall/Oregon (Patagonia)

\*water spicket near corner of building of NW Home Interiors (water key)

\*pavers

**\*6 hours x 2 (0230-0830), 12 total labor hours (192)**

17. Starting in front of the Breezeway on Wall St power wash Breezeway to Brooks Alley Be sure and squeegee areas so water does not pool up and squeegee all windows effected. Power Wash in front of ICE Jewelry on Wall and power wash South to Lark

\*water spicket in breezeway near entrance to Beach Hut Deli (water key)

\*water spicket outside Liberty Theater (water key)

\*pavers

**\*6 hours x 2 (0230-0830), 12 total labor hours (204)**

18. Starting from Southern edge of Lark, power wash South and due corner of Franklin/Wall (Drake)

\*water spicket outside Bend Store (handle-no water)

\*pavers

**\*6 hours x 2 (0230-0830), 12 total labor hours (216)**

19. Starting at other side of completed corner of Franklin/Wall (Drake) power wash West to Brooks Alley and power wash 6' away from building or edge North to back entrance to Lark.

\*water spicket outside Drake/Faveur (water key)

\*pavers

\*Brooks Alley from edge of building out 6'

**\*6 hours x 2 (0230-0830), 12 total labor hours (228)**

20. Starting outside the back of Tower power wash 6' away from building heading North past Breezeway and North past Cowgirl cash to Barrio and Wall St Bar.

\*pavers

\*Brooks Alley from edge of building out 6'

**\*6 hours x 2 (0230-0830), 12 total labor hours (240)**

21. Starting at finished end of Wall St. Bar power wash North (not parking lot for Princess Athletic or Revolv) past Romantique and do corner of Oregon/Brooks St and East up to corner of Oregon/Wall and do corner.

\*pavers

**\*6 hours x 2 (0230-0830), 12 total labor hours (252)**

22. Starting at completed corner of Oregon/Wall (Goodys) power wash South to the Breezeway

\*spicket outside Mockingbird Gallery (water key)

\*pavers

**\*6 hours x 2 (0230-0830) , 12 total labor hours (264)**

23. Power wash West sidewalk on Brooks Alley (Looney Bean) North to Bend Brewing Company and continue North to Newport/Brooks St and then West to the Bridge

\*pavers

**\*6 hours x 2 (0230-0830), 12 total labor hours (276)**

24. Starting at the corner of Oregon/Brooks outside Delia Button Studio, power wash North to corner of Newport/Brooks and power wash East to Wall St/Greenwood and do corner

\*some pavers

**6 hours x 2 (0230-0830), 12 total labor hours (288)**

25. Starting at completed corner Wall/Greenwood in front of BofA (Brandys Square) power wash South to Northern edge of Silverado.

\*pavers

**6 hours x 2 (0230-0830), 12 total labor hours (300)**



26. Starting on the corner of Wall/Oregon, (Silverado) do corner and power wash West to completed corner of Oregon/Brooks (Delia Button Studio)

\*pavers

\*keep water from going downstairs and getting in basement on Oregon/Wall (Peterson/Roth) by squeegeeing excess water away

\*spicket @ 220 Oregon Ave. in between Silverado and Blu Star Salon upstairs (water key)

**6 hours x 2 (0230-0830), 12 total labor hours (312)**

27. Starting on the corner of Oregon/Bond do corner (Sportsvision) and North to Northern edge of Deschutes Brewery (entrance to FIB)

\*pavers

\*spicket outside Crater Lake Spirits (water key)

\*spicket outside Deschutes Brewery (water key)

**6 hours x 2 (0230-0830), 12 total labor hours (324)**



28. From Entrance to FIB on Bond power wash North to Greenwood/Bond and do corner and then East on Greenwood to Harriman/Greenwood corner (Blacksmith)

\*spicket outside 215 NW Greenwood (old Crabtree & Rhamsdorff) (water Key)

\*pavers

**6 hours x 2 (0230-0830), 12 total labor hours (336)**



29. From the completed corner of Harriman/Greenwood power wash south on Harriman (Blacksmith) to corner of Irving/Harriman (Craft) and West to completed corner of Bond/Oregon (Sportsvision)

\*no pavers\*

**7 hours x 2 (0000-0700), 12 total labor hours (348)**



30. Starting from and do corner of Bond/Oregon (OnPoint) power wash East to Eastern edge of High Desert Frameworks in front of Police Substation, Fed Ex.

\*spicket outside and to the left of Frameworks alcove (water key)

\*pavers

**6 hours x 2 (0230-0830), 12 total labor hours (360)**

31. From completed edge of High Desert Frameworks power wash East to Lava/Oregon (Visit Bend) and North to parking garage entrance on Lava

\*spicket outside Frameworks alcove (water key)

\*pavers

**6 hours x 2 (0230-0830), 12 total labor hours (372)**



32. From Parking Garage Entrance on Lava power wash South to corner of Minnesota/Lava (Tangerine) and West past Oxford to Tin Pan Alley (side of Mothers)

\*spicket outside Tangerine on Lava (water key)

\*pavers

**6 hours x 2 (0230-0830), 12 total labor hours (384)**

33. Starting from Tin Pan Alley outside of Bonta' power wash West to the corner of Bond/Minnesota and do corner (Hola) to Northern edge of WildFlowers

\*pavers

**6 hours x 2 (0230-0830), 12 total labor hours (396)**



34. From the Northern edge of WildFlowers power wash North to the completed corner of Oregon/Bond in front of OnPoint.

\*spicket in between WildFlowers and Zante' on Bond (water key) and also outside Corey's Bar (water key)

\*pavers

**6 hours x 2 (0230-0830), 12 total labor hours (408)**

35. Starting on the corner of Bond/Minnesota (Haven Homes) do corner and power wash East to Gasoline Alley (other side of Wine Shop)

\*spicket outside Wine Shop (water key)

\*pavers

**6 hours x 2 (0230-0830), 12 total labor hours (420)**

36. Starting outside Thump, power wash East to the corner of Minnesota/Lava (Brickhouse) do corner and power wash South to entrance to Chase Bank on Lava

\*some pavers some concrete

**6 hours x 2 (0230-0830), 12 total labor hours (432)**



37. Starting from the entrance to Chase on Lava power wash South to corner of Lava/Franklin and power wash West to end of Chase Bank parking lot on Franklin

\*pavers-some concrete

\*spicket outside on the corner of Chase Bank (water key)

**6 hours x 2 (0230-0830), 12 total labor hours (444)**

38. Starting at Schliebe's L.I.F.T. power wash West to corner of Franklin/Bond and South to Southern edge of Bend Premiere Real Estate.

\*pavers -some concrete

\*spicket on Franklin Building corner where the Doug Fir is on building (water key)

**\*6 hours x 2 (0230-0830), 12 total labor hours (456)**



39. Starting from the completed edge of Bend Premier Real Estate, power wash South on Bond to completed corner of Bond/Minnesota

\*pavers

\*spicket outside AOS Skincare (water key)

**\*6 hours x 2 (0230-0830), 12 total labor hours (468)**

40. Starting on the outer Sidewalk on Franklin of the Double Tree, power wash West to the corner of Lava/Franklin (no pavers) and North on Lava to the stairs going up to the Double Tree

\*pavers, some concrete sidewalk

(heavy debris always against retaining wall)

**\*6 hours x 2 (0000-0600), 12 total labor hours (480)**



41. Starting from the Double Tree stairs (fountain) at the end of Minnesota on Lava power wash North to the corner of Oregon/Lava and East to the corner of Harriman/Hawthorne

\*pavers, some concrete

**\*6 hours x 2 (0000-0600), 12 total labor hours (492)**



42. Starting on the corner of Oregon/Harriman outside the 18 Building power wash West to the corner of Oregon/Irving and power wash East up Irving outside Foundry Church to the corner of Irving/Harriman and power wash South on concrete sidewalk outside the 18 building to completed corner of Oregon/Harriman

\*mostly concrete, Some pavers

\*spicket on Foundry Church building (Oregon Ave) to the left of double doors across from the parking garage (pliers needed)

**\*7 hours x 2 (0000-0700), 14 total labor hours (506)**

43. Starting from the corner of Bond/Greenwood power wash North past Donahue Law Firm across from the courthouse to the corner of Bond/Wall and South on Wall across from Oregrown past First Interstate Bank to the corner of Wall/Greenwood outside First Interstate Bank and East on Greenwood to completed corner of Greenwood/Bond

\*mostly concrete

\*no spicket

**\*7 hours x 2 (0000-0700), 14 total labor hours (518)**

44. Starting from the Outer Sidewalk on Greenwood (Super Burrito) power wash East to the corner of Wall/Greenwood and North to the corner of Vermont/Wall (Oregrown)

\*mostly concrete, some pavers

\*no spicket

**\*7 hours x 2 (0000-0700), 14 total labor hours (530)**

45. Starting from across the street from the Lemon Tree power wash East to the corner of Wall/Franklin outside Old Post Office 777 Wall and South to corner of Wall/Louisiana and West to alley entrance at end of the City of Bend Building (Wall St Plaza)

\*all concrete

\*no spicket

**\*7 hours x 2 (0000-0700), 14 total labor hours (542)**



46. Starting from the corner of Wall/Louisiana outside City Hall power wash North to the corner of Franklin/Wall and East to the corner of Franklin/Bond (Mirror Pond Cleaners) and complete corner

\*all concrete

\*spicket outside Old Bulletin Building (COB) across from Old Post Office (no handle)

**\*7 hours x 2 (0000-0700), 14 total labor hours (556)**



47. Starting from the completed corner of Franklin/Bond (Mirror Pond Cleaners) power wash South past City Hall building to the corner of Bond/Louisiana and West past City Hall to the completed corner of Wall/Louisiana

\*all concrete \*spicket outside City Hall on Louisiana (water key)

**\*7 hours x 2 (0000-0700), 14 total labor hours (570)**

48. Starting from the corner of Louisiana/Bond outside (McMenamins) power wash North to the corner of Franklin/Bond (The Point) and East towards Re/Max (imaginary sidewalk) and stop at East end of building for Re/Max

\*all concrete, some asphalt

\*spicket outside Re/Max behind shrubs under window of Re/Max

**\*7 hours x 2 (0000-0700), 14 total labor hours (584)**



49. Starting from the completed East end of Re/Max building power wash East to the corner of Lava/Franklin (Brooks Communication) and South on Lava to parking lot entrance to McMenamins

\*all concrete

**\*7 hours x 2 (0000-0700), 14 total labor hours (598)**



50. Starting from parking lot entrance to McMenamins on Lava, power wash South to the corner of Louisiana/Lava and power wash West to the completed corner of Louisiana/Bond

\*all concrete

**\*7 hours x 2 (0000-0700), 14 total labor hours (612)**

#### Recap:

- **Total days: 50 days (or 10 five-day work weeks)**
- **Total hours: 612 hours**
- **Total cost estimate**
  - **Labor: 12, 240**
  - **Supplies, gas, etc: \$2,000**
- **Total estimated cost of program: ~ \$14, 240**

#### Notes on the pressure-washing program:

The pressure washing can only be done in the middle of the night. We have to consider the bar crowd and residents when we schedule specific areas/streets. Bar areas cannot be done until after about 3am. Residential areas, we try to do after 5am.

The pressure washer can only be used when the temp is above about 40degrees. There is about 12 weeks a year in Bend (if we are lucky) that have night time temp that allows for the pressure washer to be used (June, July, Aug). If we had two staff members that did this alone, with 2 days off, we might be barely able to get this done – but we'd have to hire for all of duties. This would be challenging to staff for just 10 weeks.