

Connecting the ODOTS:

Design Recommendations for Future SE Powell





This handout is to accompany the presentation of our design concepts for the ODOT parcels on Powell Blvd. We are presenting the designs that we have created using the information found in our research, and the feedback we received from the community on our surveys. Our recommended designs are in this handout along with an executive summary, and the surveys we have handed and emailed out. The results to our surveys are also included with the English version of the survey. This handout does not represent our complete final plan, however, a complete document will be sent out by Friday, July 18, 2014.

Thank you for the opportunity to present.

-The PLACE Program 2014

Executive Summary

This year, we, the students of PLACE (Planning and Leadership Across City Environments) received our project from the Bureau of Planning and Sustainability (BPS). We were assigned to redesign various ODOT-owned parcels of land along the stretch of Powell Boulevard from 50th to 82nd Ave. BPS plans to introduce a high-capacity transit system on Powell, and with that knowledge, and the assignment of creating design options for the concrete parcels, we began. We went through the process of research and assessment, which culminated in proposals and project recommendations for BPS to potentially develop.

Findings:

- Parking
 - It was found that although parking was not important to everyone, there was enough interest that it was decided as an option for the parcels.
 - Research into permeable pavement was found to be a possible improvement that addressed the issue of stormwater as highlighted in the Portland Plan. To further address stormwater drainage, and the communities desire of greenery, there would be an increase in well kept vegetation in the parking lots.
- Transit
 - 70% of the people surveyed agreed that the current stops suited their needs, 54% did not feel safe waiting for transit at night and 25% did not feel safe waiting for transit during the day
- Greenspace/Community gathering space
 - On the site visit, it was observed that the parcels were not community gathering spaces, in fact they were mostly vacant. The surveys showed a huge interest in parks and greenspace in general, with the three most desired options for the remodeled parcels being more trees, parks, and gardens.

Recommendations:

- Parking
 - We recommend trying to incorporate these elements into the parking design: rain gardens, handicapped parking, more vegetation, improved drainage, permeable pavement, increased sustainability, bike racks, and improved safety (lighting)
 - Also we recommend adding parking parcels near transit stops to encourage transit by "park and ride".
- Transit
 - We recommend trying to incorporate these elements into the transit design: seating, shelter, bike racks, solar panels on top, a way to buy tickets on outside to speed up the process,

accessibility for both directions of traffic, trees, native plants, and improved safety through more lighting.

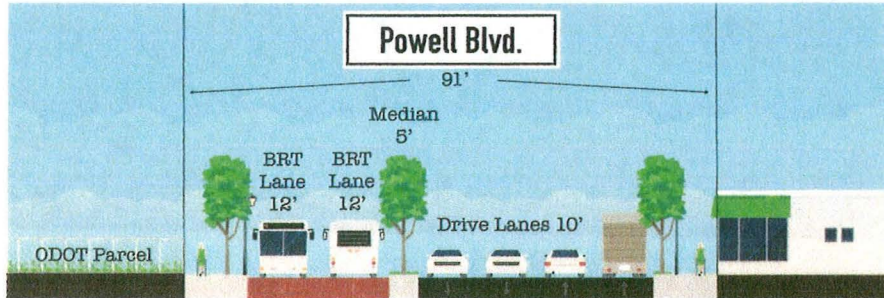
- We recommend incorporating two new and separate lanes on Powell for HTC. This could be accommodated for by cutting off some of the soft barrier between the sidewalk and road, and taking away the median. The south side of the road (the side with the parcels) would have two lanes (one for each direction) dedicated to HTC, which would both go around one central bus stop located in a parcel (see diagrams of the designed transit stop and streetscape on page 5).
- Greenspace/Community gathering space
 - We recommend trying to incorporate these elements into the greenspace/community gathering space design: a refurbished streetcar that can be used for a library, a fountain, vegetation, native plants, a soft barrier from the road, bike racks, a sculpture, a community mural, benches, picnic tables, and more lighting.

Methodology:

- Case studies
 - Transit case studies were found of high capacity transit systems and high capacity transit stops, with evidence coming from both local and international case studies, such as Qatar and Brazil.
 - Other options besides transit were researched. Examples of redesigning the turnouts into into parks, gardens, art, and even small libraries were researched, with evidence from Los Angeles and Portland to name a few.
- Surveys
 - 163 surveys were completed both online (sent out by various neighborhood associations) and in person over the course of 4 days, with responses in English, Mandarin, and Spanish.
 - Many kinds of questions were asked to get the residents' opinions on a broad range of subjects.
- Interviews
 - Interviews of experts in urban planning, design, and transit as well as business owners on Powell were carried out, and gave deeper insight to the parking situation and many other topics.
- Literature and Data
 - Demographics of the area, as well as research into the Portland Plan, the Climate Action Plan, and the Powell Streetscape Plan were investigated.

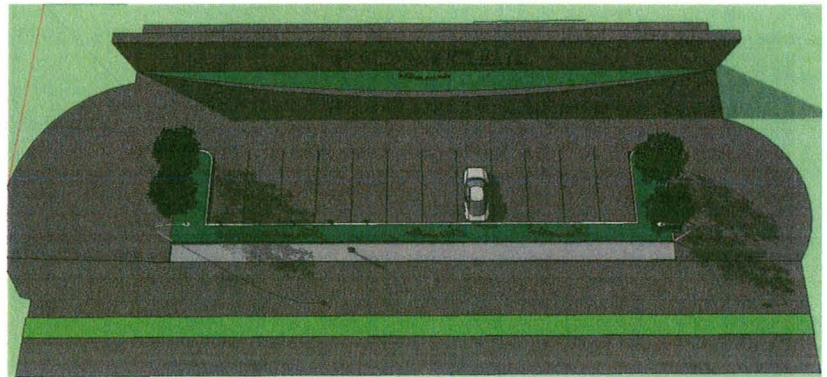
Our Recommended Designs

High Capacity Transit Stop



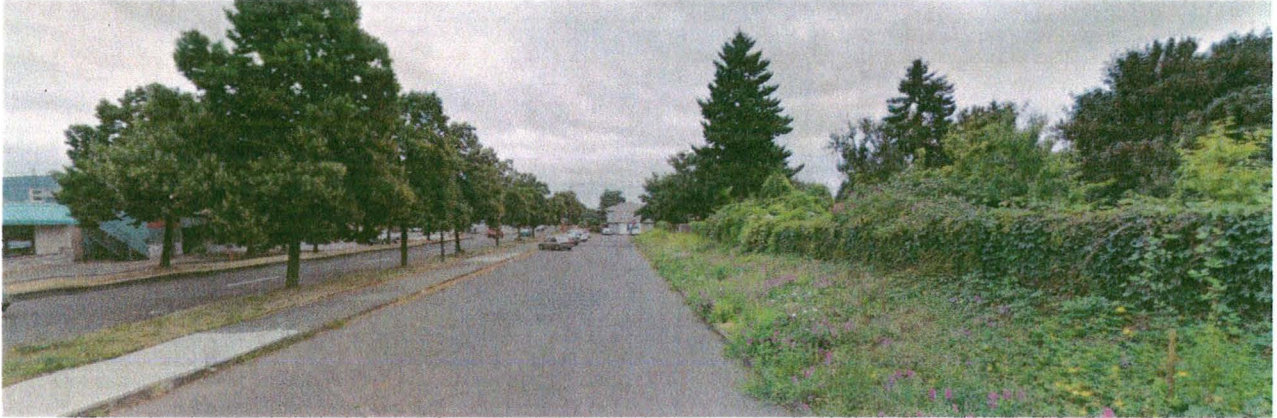
Streetscape of Lanes
for HCT stop

Improved Parking Lot



Community Gathering Space

Pictures of the Current Parcels



PLACE Survey

PLACE is a program that takes advantage of the complex and efficient green design Portland to prepare high school students to do a project based on the real life community. This summer, PLACE is working on a regional project to plan for high capacity transit and develop land use in the corridor Powell-Division. The contributors to this project include Metro, City of Portland, City of Gresham, Oregon Department of Transportation (ODOT), Tri Met and Multnomah County.

Our goal is to design concepts for errors that are currently being used as parking lots on the south side along Powell Blvd. between 50th and 82nd. We will create designs for this area based on our analysis and community input. These designs will be provided to the City of Portland and the project team. Thank you for your time and for helping to create a realistic plan.

You are invited to attend our final presentation to the City Council on Wednesday July 16. If you would like more information see our blog pdxplace.wordpress.com

Please take a few minutes to answer this survey. We appreciate your responses will be anonymous. Do not feel obligated to answer questions that make you uncomfortable

1. Do you live near Powell or in surrounding neighborhoods?

Yes 83% No 17%

2. If so, which neighborhood?

South Tabor 41%, Foster- Powell 34%, Creston-Kenilworth 4%, Lents 3%, Powellhurst-Gilbert 2%, Richmond 1%, Other 16%

3. Do you spend time on Powell?

Yes 91% No 9%

4. If yes, how often are you on Powell?

Daily 52% Few times a week 29% Once a week 5% Few times a month 9% Once a month 1% Rarely 3%

5. What time of day are you most often on Powell?

Morning 37% Afternoon 44% Evening 17% Night 2%

6. I feel safe on Powell during the day...

	Strongly Agree	Somewhat Agree	Somewhat Disagree	Strongly Disagree	N/A
Walking	28%	35%	23%	13%	1%
Biking	8%	15%	15%	47%	15%
Using transit	29%	44%	11%	3%	14%
Waiting for transit	20%	43%	20%	5%	11%
Driving	32%	42%	17%	4%	5%
Crossing Powell Blvd.	10%	25%	29%	35%	2%
Parking	10%	21%	18%	12%	40%

Comments(optional)

"I used to take the Powell bus to work and hated having to cross Powell", "I see people almost getting hit on a weekly basis near ", "I'd like to see more biking + walking + less driving", "Powell always seems unsafe"

7. I feel safe on Powell at night...

	Strongly Agree	Somewhat Agree	Somewhat Disagree	Strongly Disagree	N/A
Walking	8%	19%	35%	30%	9%
Biking	2%	8%	17%	52%	20%
Using transit	12%	39%	15%	16%	18%
Waiting for transit	9%	21%	32%	22%	16%
Driving	22%	43%	15%	12%	9%
Crossing Powell Blvd.	5%	19%	20%	49%	7%
Parking	6%	18%	19%	19%	40%

8. What mode of transportation do you use most frequently when traveling on Powell?

Walk 10% Bike 7% Drive 65% Bus 17% Other 1%: "Skateboard"

9. If you are using transit, what are you using it for?

Commercial 5% Work 44% School 6% Transportation to/from another destination 57%

Other (please specify) _____

10. The transit stops on Powell suit your needs.

Strongly agree 35% Somewhat agree 36% Somewhat disagree 3% Strongly disagree 8% N/A 18%

Comments (optional)

"Not clean", "Lack of rain protection", "Little protection from traffic and environment"

11. Do you use the ODOT parcels? If so, what for?

I do not use them 80% Parking for shopping 6% Park and then transferring to transit 1% Parking near houses 1%

Parking for work 1% Other (please specify) 12%: "turning around"

12. Pick the top three of these options that you think would benefit the community most if placed in the ODOT parcels

Garden 34% Park 42% Place to sit 24% Place to eat 20% Shop 31% Protected bus stops 36%

Places for homeless to go 13% More trees/vegetation 46% Art 24% Bike racks 10% Parking spaces 16%
Other (please specify) "I wouldn't want to sit here for very long", "...more trees/vegetation regardless of new use"

13. What are three ideas or symbols that you feel best represent the community of and around Powell Blvd.?

"diversity", "faltering", "growth", "traffic", "community", "busy", "pass-through", "forgotten",
"homeless", "working-class", "transient", "hard work", "proud", "hope"

14. What gender do you identify as?

Female 50% Male 45% Rather not say 5% Other (if you wish to specify) _____

15. What ethnicity are you?

African 2% Asian or Pacific Islander 6% Latino or Hispanic 5% Middle Eastern 0% Multiracial 3% Native 2%

White or Caucasian 82% Other 3%

16. How old are you?

18 or under 5% 19-24 8% 25-29 5% 30-39 29% 40-49 32% 50-59 9% Over 60 14%

17. What is your income level?

\$0-\$20,00 17% \$20,001-\$40,000 22% \$40,000-\$60,000 21% \$60,001-\$80,000 19% \$80,000-\$100,000 8%

Over \$100,000 6% Prefer not to say 7%

18. Any other comments or questions?

"I generally don't consider Powell a safe street", "Need to clean up", "Better landscape", "Noisy",

Thank you for taking the time to complete our survey!

Spanish Translation: 2014 PLACE Survey

Encuesta de Parcelas en Powell Blvd.

PLACE es un programa que aprovecha del complejo y eficiente diseño verde de Portland para preparar a estudiantes de secundaria a realizar un proyecto de la vida real basado en la comunidad. Este verano, PLACE esta trabajando en el Proyecto de Transito y Desarrollo Powell-Division (www.oregonmetro.gov/powelldivision). Se trata de un proyecto regional para planificar el transporte de alta capacidad y desarrollar el uso del terreno en el corredor Powell-Division. Los colaboradores de este proyecto incluyen Metro, Ciudad de Portland, Ciudad de Gresham, Departamento de Transporte de Oregon (ODOT), TriMet y el Condado de Multnomah.

Nuestra meta es diseñar conceptos para los desvíos que actualmente están siendo utilizados como estacionamientos en el lado sur a lo largo de Powell Blvd, entre las calles 50 y 82. Nosotros crearemos diseños para esta área basados en nuestro análisis y la aportación de la comunidad. Estos diseños serán proveídos a la Ciudad de Portland y el equipo de proyecto. Le agradecemos por su tiempo y por ayudarnos a crear un plan realístico.

Esta invitado a atender a nuestra presentación final en el Consejo de la Ciudad el Miércoles 16 de Julio. Si gusta más información consulte nuestro blog pdxplace.wordpress.com (solo en Ingles), Por favor tome algunos minutos en responder esta encuesta. Apreciamos sus respuestas que serán anónimas. No se sienta obligado a contestar preguntas que le hagan sentir incomodo/a.

1. ¿Vive cerca de Powell o en vecindarios de los alrededores?
 - a. Sí
 - b. No

2. Si respondió si, ¿en que vecindario?
 - a. Foster-Powell
 - b. South Tabor
 - c. Richmond
 - d. Creston-Kelnilworth
 - e. Powellhurst-Gilbert
 - f. Lents
 - g. Other

3. ¿Pasa tiempo en Powell?
 - a. Sí
 - b. No

4. Si respondió sí, ¿con que frecuencia se encuentra en Powell?

- a. Diario
- b. Unas veces por semanas
- c. Una vez por semana
- d. Unas veces por mes
- e. Una vez por mes
- f. Raramente

5. ¿A que hora del día se encuentra más a menudo en Powell?

- a. Mañana
- b. Tarde
- c. Noche

6. Me siento seguro/a _____ en Powell durante la luz del día.

	Muy de acuerdo	Algo de Acuerdo	Algo en desacuerdo	Muy en desacuerdo	N/A
Caminando					
Andando en bicicleta					
Utilizando transito					
Esperando de transito					
Manejando					
Cruzando Powell Blvd.					
Estacionándome					

7. Me siento seguro/a _____ en Powell durante la noche.

	Muy de acuerdo	Algo de Acuerdo	Algo en desacuerdo	Muy en desacuerdo	N/A

Caminando					
Andando en bicicleta					
Utilizando transito					
Esperando de transito					
Manejando					
Cruzando Powell Blvd.					
Estacionándome					

8. ¿Que método de transporte usa más frecuentemente cuando viaja por Powell?
 - a. Camino
 - b. Uso Bicicleta
 - c. Manejo
 - d. Uso Autobús
 - e. Otro (especifique):

9. Si utiliza transito, ¿para que lo utiliza?
 - a. Comercial
 - b. Trabajo
 - c. Escuela
 - d. Transportación de/hacia otra destinación
 - e. Otro (especifique)

10. Las paradas de transito en Powell se adaptan a sus necesidades.
 - a. Muy de acuerdo
 - b. Algo de acuerdo
 - c. Algo en desacuerdo
 - d. Muy desacuerdo
 - e. N/A

11. ¿Usa los estacionamientos en las parcelas? Si respondió sí, ¿para que los utiliza?

- a. No me estaciono ahí
- b. Para ir de compras
- c. Estacionarme y transferir a transito
- d. Para estacionarme cerca de mi casa
- e. Estacionarme para el trabajo
- f. Otro:

12. Elija las tres primeras opciones que beneficiaran la comunidad más.

- a. Jardín
- b. Parque
- c. Lugar para sentarse
- d. Lugar para comer
- e. Tiendas
- f. Paradas de autobús con protección
- g. Lugares para que personas sin hogar vayan
- h. Más arboles/vegetación
- i. Soporte para bicicletas
- j. Estacionamientos

13. ¿Cuales son tres cosas que representan a la comunidad de Powell?

14. **¿Con que género se identifica?**

- a. Hombre
- b. Mujer
- c. Otro
- d. Prefiero no decir

15. ¿Con que etnicidad se identifica?

- a. Africano/a
- b. Asiático/a o Pacific Islander
- c. Afroamericano/a
- d. Latino/a o Hispano/a
- e. Medio Oriental
- f. Multirracial
- g. Nativo/a
- h. Caucásico/a
- i. Otro

16. **¿Cuál es su edad?**

- a. Menos de 18

- b. 19-24
- c. 25-29
- d. 30-39
- e. 40-49
- f. 50-59
- g. Más de 60

17. ¿Cuál es nivel de ingresos?

- a. \$0-\$20,000
- b. \$20,001-40.000
- c. \$40,000-\$60,000
- d. \$60,001-\$80,000
- e. \$80,000-\$100,000
- f. Más de \$100,000
- g. Prefiero no contestar

18. ¿Otros comentarios o preguntas?

Mandarin Chinese Translation: 2014 PLACE Survey

PLACE是一个利用波特兰市成熟的和效率高的绿色设计优势，以培养高中学生的现实生活经验的以社区为基础的项目。今年夏天，PLACE 选择了在Powell-Division区的交通与发展项目。这是一个区域项目，为Powell-Division走廊的大容量公交，和土地利用作规划。项目的合作伙伴有Metro, 波特兰市，Gresham 市，ODOT，TriMet，和麦克马鲁县。

我们的目标是为现在的Powell大道南侧，第50 街到第82街之间的停车场提出改造设计的理念。我们的设计将基于我们的分析和社区反馈。这些设计将提供给波特兰市和项目团队。我们感谢您的时间和帮助，使我们创造尽可能最现实的计划。欢迎您在周三7月16日参加在市议会我们的总结汇报。欲了解更多信息，请访问我们的博客 www.pdxplace.wordpress.com。请您花几分钟的时间，对本次调查作出回应。你的答案将是匿名的。你可以跳过不想回答的任何问题。

问题

1. 你住附近Powell大道或周边的区？
 - a. 对
 - b. 不对
2. 要是，那个区？
 - a. _____
3. 你花时间在Powell 大道吗？
 - a. 对
 - b. 不对
4. 要是，你有多少次在Powell大道？
 - a. 每天
 - b. 一个星期几次
 - c. 一个星期一次
 - d. 每月几次
 - e. 每月一次
 - f. 很少
5. 当你去，你什么时间在Powell大道？
 - a. 早上
 - b. 下午
 - c. 晚上
 - d. 夜里

6. 我觉得安全Powell 大道在白天...

	完全赞成	比较赞成	比较反对	完全反对	不确定
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走路					
骑自行车					
乘坐公交					
等候公交					
开车					
过马路					
停车					

7. 我觉得安全Powell 大道在晚上...

	完全赞成	比较赞成	比较反对	完全反对	不确定
走路					
骑自行车					
乘坐公交					
等候公交					
开车					
过马路					
停车					

8. 在Powell大道上你最频繁使用什么交通工具？

- a. 走路
- b. 骑自行车
- c. 开车
- d. 乘坐公共汽车
- e. 其他的：

9. 如果您使用公交，你用它来做什么？

- a. 买东西
 - b. 工作
 - c. 去学校
 - d. 日常交通工具
10. Powell大道上的公交站能满足您的需求。
- a. 完全赞成
 - b. 比较赞成
 - c. 比较反对
 - d. 完全反对
 - e. 不确定
11. 您用在Powell大道上的公共停车场吗？
- a. 我不用
 - b. 买东西时用
 - c. 使用公共交通时用
 - d. 回家停车用
 - e. 工作时用
 - f. 其他：
12. 挑选你认为将有利于社区的前三名，如果将在Powell大道的公共停车场 变成：
- a. 花园
 - b. 公园
 - c. 可坐的地方
 - d. 可吃饭的地方
 - e. 商店
 - f. 安全的公交站
 - g. 无家可归者的临时住所
 - h. 绿化带
 - i. 艺术品展览地
 - j. 自行车停车场
 - k. 停车场
 - l. 其他：
13. 什么是你觉得最能代表Powell 大道社区的 三个标志？
14. 你得性别？
- a. 男
 - b. 女
 - c. 其他
 - d. 不想选

15. 你的种族？

- a. 非洲裔
- b. 亚裔
- c. 拉丁裔
- d. 中东裔
- e. 多种族
- f. 印第安人
- g. 白人
- h. 其他：

16. 你的年龄？

- a. 18 岁以下
- b. 19-24
- c. 25-29
- d. 30-39
- e. 40-49
- f. 50-59
- g. 60岁以上

17. 你的收入？

- a. \$0-\$20,000
- b. \$20,001-\$40,000
- c. \$40,001-\$60,000
- d. \$60,001-\$80,000
- e. \$80,001-\$100,000
- f. \$100,000 以上
- g. 不想选

18. 其他建议或问题？

感谢您抽出宝贵的时间来完成我们的调查！