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Enhancing time effectivity by reducing commuting time  
NP online tool made available with a video and website.

# ◆Proximate

Making! Commuting! Satisfying!

Proximate is a web-based tool made to reduce commuting time for the employees allowing feloow workers to achieve a somewhat of a work-life balance. Proximate use Goodle Earth Outreach as a tool and shows how one can utilize range infomration.

url:

https://samuel-yhk-s-initial-project.webflow.io/

## Making Commuting Satisfying!

Building a structure is a long process and it is the construction manager's job to verify and be prepared for any curve balls that can occur. However, construction managers are often too carried away by their responsibilities and loose balance and inevitably and pay less attention for one's partner and children. With Proximate pre-construction managers and superintendents can improve the commuting time of the craftsmen and allow fathers to participate at the dinner table.

LET THE MAGIC HAPPEN!

## Proximity does it by Making Commuting Satisfying

With Proximity Preconstruction managers and Unions can make use of important range information of the employees. If done accordingly, the jobsite that people drive pass on the freeway might become the job that we work for!


Proximity uses location data of the employees and of the jobsite and visualize them on google map so that managers can assign craftsmen with their proximate jobsite. It would be very much time consuming for someone whos lives in LA to drive for a job in Riverside and vice-versa.

## Making money is good but...

On the way to work, we often see some construction project going on the side of the freeway but they are not our jobsite; our jobsite is still half an hour away from where I am at. After a hard working day we have a long commute where long lines of traffic awaits.

Carpenter Bob works very hard for his son's tuition and for the peace of the family. For him, his commute is 2 hours in the morning and 4 hours after work. When he has overtime, which very likely to happen at a construction job, he won't be available at the family table during supper.

Is there a solution for Bob so that he can spend dinner time with his family?



### Google Survey

Asking for:

Name

Gender

Address

Trade

Apprentice Status

Travel Distance

10 responses

Summary

Gender

10 responses

100%

Male

Female

Address (Address, City, State & Zip)

10 responses

601 Irving St, Alhambra, 91801

5200 Van Buren Boulevard, Riverside, CA 92503

8402 Magnolia Ave, Riverside, CA 92504

627 W Mentor Ave, Pasadena, CA 91107

1900 Pico Blvd, Santa Monica, CA 90405

1102 Pico Blvd, Santa Monica, CA 90405

### Now import your excel data that you have by clicking "import"

Anyone can navigate to here by googling: MY(must include) maps

Then Press: "Creat New Map"

### Choose columns to position your placemarks

Select the columns from your file that tell us where to put placemarks on the map, such as addresses or latitude-longitude pairs. All columns will be imported.

☐ Name

☐ Gender

☒ Address (Address, City, State & Zip)

☐ What is your craft?

☐ What Period Apprentice are you?

☐ How far are you willing to travel

Continue Back Cancel

### Choose a column to title your markers

Pick a column to use as the title for the placemarks, such as the name of the location or person.

☒ Jobsite Name

☐ Address

☐ Job Type

☐ Company

Finish Back Cancel

### After color coding based on users interest they can be made more easy to recognize

Commute time for the employees

jobsite.xlsx

Individual styles

West Edge

UCR Parking

Taco Commercial


Untitled layer

Import

### Visualization of the location data of the jobsite and the employees

Scenario

Westedge job is looking for 1 new carpenter who is at least 4th period and above. Here are some of the candidates that are available. 1, Leilu 2, Chris 3, Sam Kim. Intead of calling around a waiting, Superintendent Maytrin can check those blue pin points on the map. When he hovers over his mouse over to each pin, it will display the information on the survey including Apprentice period and Travel distance. Superintitendent Maytrine can hire Leilu. (Leilu, Journeymen, In range) (Chris, 5th period, out of range) (Sam Kim, 3rd period, in range)

 CAL POLY

Construction Management  
College of Architecture and Environmental Design