StreetPlan.net, 2017 Key Features

Introducing StreetPlan, a free drag & drop tool for creating Complete Streets in just minutes. Now it's easy to discuss concepts at meetings with city councils, planning staff, traffic engineers, developers, and citizen groups.

StreetPlan analyzes your design as you make it, giving you instant color-coded Best Practice guidance from the Institute of Transportation Engineers and the Congress for New Urbanism.

Here are some key features, along with how StreetPlan can help you accomplish your goals, save money, and save time.

- **Templates**: many from NACTO's Urban Street Design Guide
- **Right-click:** to add or delete objects from your template
- **Layer objects**: show buses + autos, parking + landscape, etc. as using the same space
- **Build anything!** Depict material type, bikeways, transit, existing vs. desired land uses, etc.
- **Key widths:** Instantly updates sub-element widths and overall width
- **Aerial View:** Overlay your design on aerial photo to reveal potential right-of-way implications
- **Scenario Manager:** Manage multiple streets, and multiple scenario alternatives for each street.
- **Context Wizard**: best-practice standards for desired land use and street type.
- **Tutorials**: "How To" video tutorials and popup balloons help you quickly figure it out.
- **Completely web-based:** Login from any computer, anywhere, with nothing to download.

Best Practice recommendations include...

- Vehicle Lane Widths
- Bike Lane Widths
- Median Widths
- Setback Widths

- Sidewalk Widths
- Pedestrian Buffer Zones
- Overall Pedestrian Realm
- Parallel Parking Widths

- Angle Parking Widths
- Parking + Bike Lane Widths
- Appropriate Speed Limits
- Total # of Vehicle Lanes

Hundreds of Tiles to Build With...

- Paving/Landscape Materials
- Pavement Symbols
- Bike / Ped Features
- Streetscape / Furniture

- Planters, Trees, Landscapes
- Vehicle / Freight styles
- Buses, Streetcars, Rail
- Many parking options

- Speed Limits, Lighting
- Commercial Sign Contexts
- Land Use Contexts
- General "Sky" Backgrounds

How Can StreetPlan Help You?

Municipal Urban Planner?

- Quickly gain consensus on what stakeholders want, so you can focus more on how to get it!
- Create low-cost street upgrades, expanding to a full vision in later phases.
- Depict typical section standards for new streets
- Save time/money with do-it-yourself high-res graphics for your plans and meetings
- Get public feedback on your ideas
- Create excitement for Complete Streets and Sustainable Development
- Encourage consultants to use StreetPlan for your plans and corridor studies
- Hire architects & engineers for 3D graphics and detailed analysis **after** agreeing on a vision.
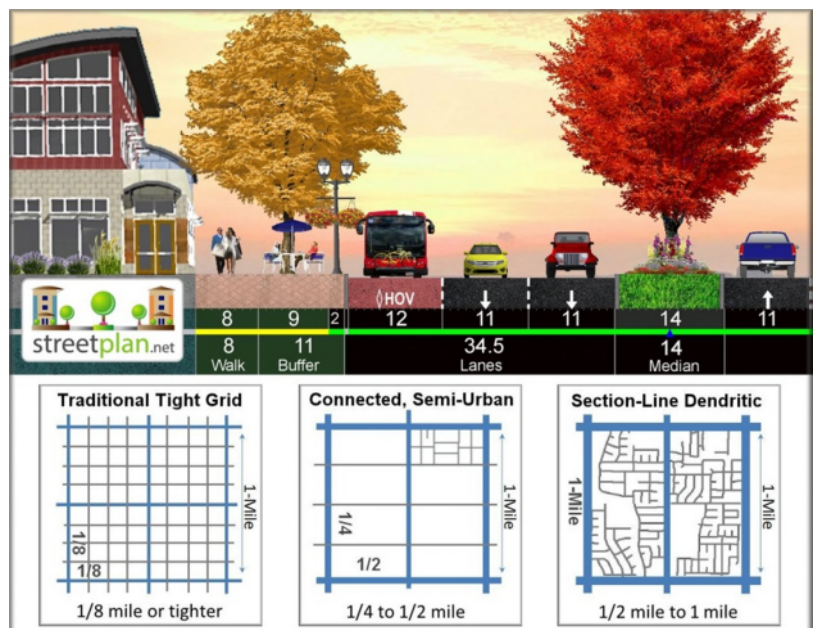
Architect or Consultant?

- Gain competitive advantage with StreetPlan's "fast and free" high-quality renderings
- Show clients how your mastery of StreetPlan will save them time, money, and gain consensus.
- Use StreetPlan to help stakeholders unify around a small set of ideas, then create higher-quality, 3D renderings your normal way once you've narrowed the choices.

Concerned Citizen?

- Create sketches of what you'd like to see, then rally your neighbors to city hall!

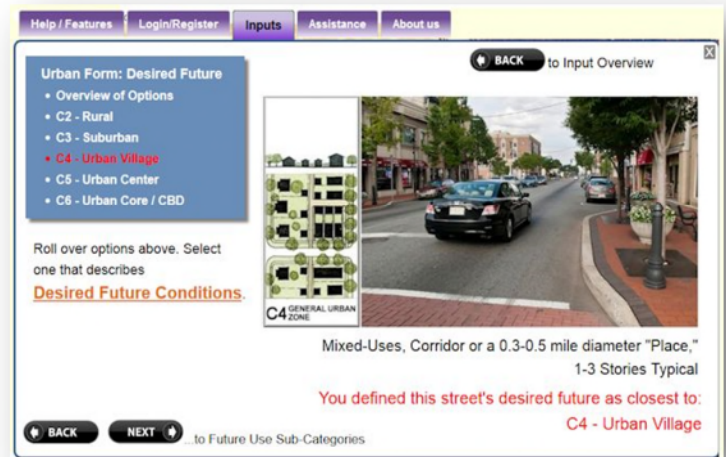[Start using StreetPlan now!](#)
[No download required!](#)

Detailed Overview of Key Features

Using the Land Use and Street Type Context Wizard

The context wizard helps you identify your future land-use context, as well as the street type you're aiming for, be it a small residential street, or a major transit-oriented mixed-use boulevard.

Once StreetPlan understands your context and objectives, go ahead and start designing! StreetPlan's analytic algorithms will give you instant color-coded feedback so you can discuss tradeoffs with your stakeholders and settle on the most ideal use of space given your cost constraints, right-of-way widths, and traffic management needs.

Color-codes of "red/yellow/green" show how well your street elements match up with best-practice for your objectives. For a walkable boulevard, a 12-foot travel lane is too wide and will be red, since it would encourage speeding and consume space better used for other features. However, a 9-foot lane is barely wide enough and would be yellow.
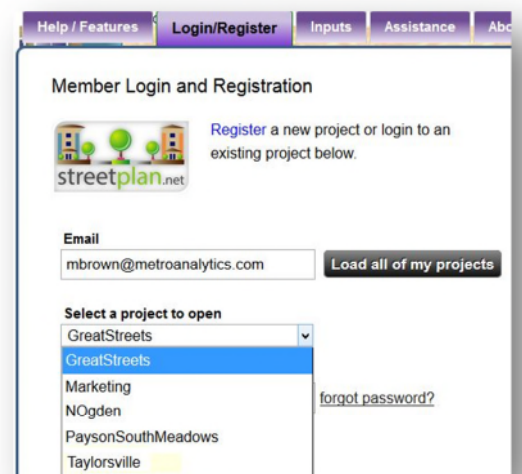
High-Resolution Printing

Download .jpg or .png files in multiple resolutions, for inclusion in documents, or for plotter-sized prints for public meetings.

Half-Width Mirroring

Say you build the left-half first. Push the *Mirror Button* to automatically copy the left to the right, then make minor changes from there!

Unlimited Cloud-Based Projects

No matter where you are, a web browser is all you need to work with and showcase your projects. Each project can have multiple streets, and each street can have multiple alternatives.
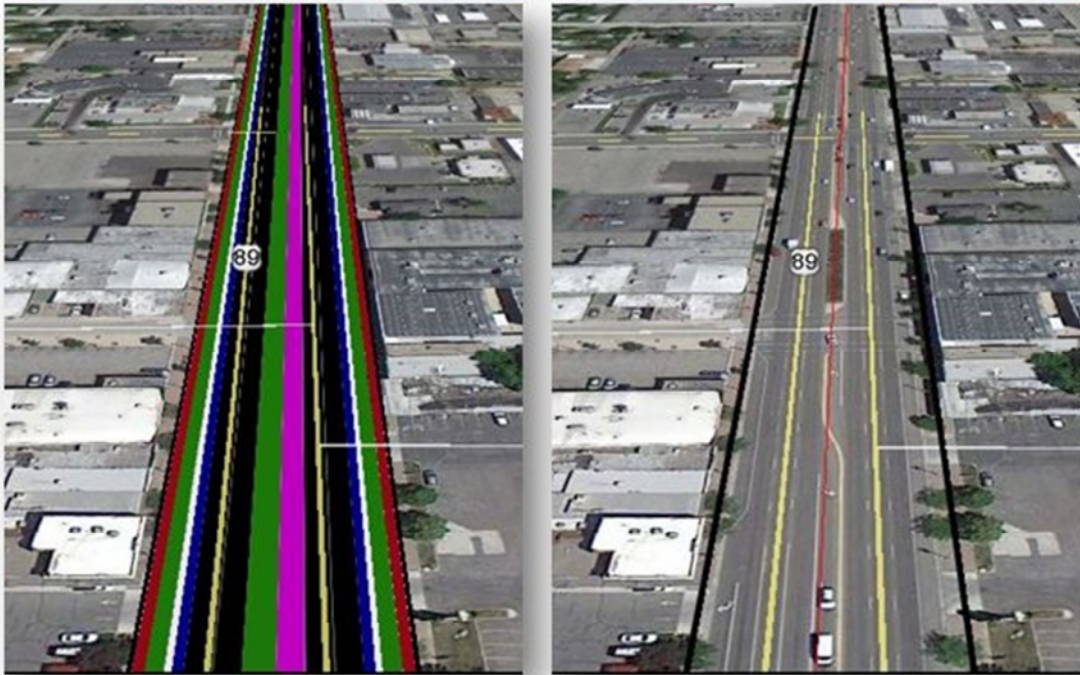
Sharing

Only you can modify your designs, but you can share the link to your project with others using email, Facebook, or Twitter. They can then view and comment on your designs in "read only" format.

StreetPlan – Aerial View

After you create a cross-section, use the top-view button to start StreetPlan's Aerial View module. This map-based tool lets you zoom in and apply the cross-section concepts you just created directly over a photo of the location you hope to change. Will your preferred concept require more right-of-way? StreetPlan – Aerial can show you if the extra space you need is practical or impossible.

StreetPlan – Aerial can be linked directly from your city's website, allowing you to depict your entire transportation master plan, or concepts for corridor studies, so your citizens, prospective developers, and economic development targets can offer feedback and start getting behind a vision that they're helping to craft.

StreetPlan, 2014-2016

StreetPlan first went live in 2014, and was intentionally advertised to a limited audience while we worked on Version 2 for nation-wide release in early 2017. During that time it gained a loyal following. Here are some uses we're aware of:

- One city spent thousands for an architect to create traditional cross-sections, then waited over a month only to get "underwhelming" renderings. They discovered StreetPlan and with no consultant assistance, had something they liked better in about an hour, for free!

- Several communities have <u>required</u> their staff & consultants to use StreetPlan on many of their Complete Street projects. Dozens of public meetings have occurred were StreetPlan was used.

- College professors are using StreetPlan in urban planning classes.

Thanks to Our Partners!

StreetPlan.net is a Public-Private Partnership between Metro Analytics and several seed-funding agencies in Utah, including the Wasatch Front Regional Council, Mountainland Association of Governments, Utah Department of Transportation, and Utah Transit Authority.

Visit MetroAnalytics.com for new techniques that blend beautiful, sustainable urban form with excellent multi-modal function.

Metro Analytics, tomorrow's urban solutions, today!

Help Us Out!

StreetPlan is brand new. It has bugs that we know about and more to be discovered. There's a lot going on and response time can be slow. If you find bugs or opportunities for improvement, or if it's just too slow, please let us know! If you want to sponsor new features or advertise here, we're open to that also.

And if you like it, please tell your friends!