

How we program

Please read all the way to the end!

Previous calls for projects have operated differently than this one. With the introduction of Active Program Management (APM), advance funding has gone the way of the dinosaurs. Because of this, we want to make sure project applicants and consultants have a clear idea of how the programming process will work once applications are all in. Follow along as I program 6 *obviously* real projects:

Step 1: Projects are scored based on their application and the methodology:

| Project Information | | | | | | | | | Scoring - in categories with different values, the possible points are first listed for roadway/intersection projects, then resurfacing | | | | | | | | Final |
|---------------------------------|--------------|--------------|----------------|---------|----------|--------------|------|------------------|---|-------------|--------------------|--------------------|---------------------------------------|-------------------|------------------|------------------------------|-------|
| Project | Municipality | Project Type | Year Requested | Phase I | Phase II | CON | CE | Outside funding? | ADT | Safety Need | Safety Improvement | Pavement Condition | Multi-Modal Infrastructure Components | Project Readiness | Community Cohort | ON TO 2050 Planning Measures | total |
| Possible Points | | | | | | | | | 15.0 | 12 | 4 | 9/30 | 14/6 | 15/10 | 6 | 25 | 100 |
| Crystal Lake Ave Hyperloop | Crystal Lake | R&I | 2021 | \$ - | \$ - | \$ 1,000,000 | \$ - | No | 15.0 | 0 | 2 | 3 | 0 | 9 | 0 | 0 | 29.00 |
| Washington St Bike Highway | Woodstock | R&I | 2022 | \$ - | \$ - | \$ 1,500,000 | \$ - | No | 8.0 | 6 | 1 | 6 | 7 | 15 | 4 | 10 | 57.00 |
| Randall Rd Bus Lanes | Algonquin | R&I | 2021 | \$ - | \$ - | \$ 750,000 | \$ - | No | 10.0 | 3 | 0 | 9 | 10 | 12 | 0 | 15 | 59.00 |
| Winn Rd Pedestrian Plaza | Spring Grove | Resurfacing | 2023 | \$ - | \$ - | \$ 500,000 | \$ - | No | 5.0 | 9 | N/A | 20 | 6 | 6 | 4 | 25 | 75.00 |
| Main St Scooter Lanes/Resurface | Huntley | Resurfacing | 2021 | \$ - | \$ - | \$ 250,000 | \$ - | No | 3.0 | 0 | N/A | 10 | 6 | 9 | 0 | 10 | 38.00 |

Step 2: Projects are ranked based on their scores:

| Project Information | | | | | | | | | Scoring - in categories with different values, the possible points are first listed for roadway/intersection projects, then resurfacing | | | | | | | | Final | |
|---------------------------------|--------------|--------------|----------------|---------|----------|--------------|------|------------------|---|-------------|--------------------|--------------------|---------------------------------------|-------------------|------------------|------------------------------|-------|------|
| Project | Municipality | Project Type | Year Requested | Phase I | Phase II | CON | CE | Outside funding? | ADT | Safety Need | Safety Improvement | Pavement Condition | Multi-Modal Infrastructure Components | Project Readiness | Community Cohort | ON TO 2050 Planning Measures | total | Rank |
| Possible Points | | | | | | | | | 15.0 | 12 | 4 | 9/30 | 14/6 | 15/10 | 6 | 25 | 100 | |
| Winn Rd Pedestrian Plaza | Spring Grove | Resurfacing | 2023 | \$ - | \$ - | \$ 500,000 | \$ - | No | 5.0 | 9 | N/A | 20 | 6 | 6 | 4 | 25 | 75.00 | 1 |
| Randall Rd Bus Lanes | Algonquin | R&I | 2021 | \$ - | \$ - | \$ 750,000 | \$ - | No | 10.0 | 3 | 0 | 9 | 10 | 12 | 0 | 15 | 59.00 | 2 |
| Washington St Bike Highway | Woodstock | R&I | 2022 | \$ - | \$ - | \$ 1,500,000 | \$ - | No | 8.0 | 6 | 1 | 6 | 7 | 15 | 4 | 10 | 57.00 | 3 |
| Main St Scooter Lanes/Resurface | Huntley | Resurfacing | 2021 | \$ - | \$ - | \$ 250,000 | \$ - | No | 3.0 | 0 | N/A | 10 | 6 | 9 | 0 | 10 | 38.00 | 4 |
| Crystal Lake Ave Hyperloop | Crystal Lake | R&I | 2021 | \$ - | \$ - | \$ 1,000,000 | \$ - | No | 15.0 | 0 | 2 | 3 | 0 | 9 | 0 | 0 | 29.00 | 5 |

Step 3: Projects are grouped into their requested years, by rank:

| Rank | Project | LPA | Project Category | Phases | FFY Year | Amount Requested |
|-------------|---------------------------------|--------------|------------------|--------|----------|------------------|
| 2021 | | | | | | |
| N/A | Old Man Express High Speed Rail | McHenry | R&I | CON | 2021 | \$500,000 |
| 2 | Randall Rd Bus Lanes | Algonquin | R&I | CON | 2021 | \$750,000 |
| 4 | Main St Scooter Lanes/Resurface | Huntley | Resurfacing | CON | 2021 | \$250,000 |
| 5 | Crystal Lake Ave Hyperloop | Crystal Lake | R&I | CON | 2021 | \$1,000,000 |
| 2022 | | | | | | |
| 3 | Washington St Bike Highway | Woodstock | R&I | CON | 2022 | \$1,500,000 |
| 2023 | | | | | | |
| 1 | Winn Rd Pedestrian Plaza | Spring Grove | Resurfacing | CON | 2023 | \$500,000 |

Step 4: Each FFY is filled in until the available funding mark is full...

| | | | | Amount: | \$1,500,000 | \$1,500,000 | \$1,500,000 |
|------|---------------------------------|--------------|------------------|---------|-------------|-------------|-------------|
| Rank | Project | LPA | Project Category | Phases | 2021 | 2022 | 2023 |
| N/A | Old Man Express High Speed Rail | McHenry | R&I | CON | \$500,000 | | |
| 1 | Winn Rd Pedestrian Plaza | Spring Grove | Resurfacing | CON | | | |
| 2 | Randall Rd Bus Lanes | Algonquin | R&I | CON | | | |
| 3 | Washington St Bike Highway | Woodstock | R&I | CON | | | |
| 4 | Main St Scooter Lanes/Resurface | Huntley | Resurfacing | CON | | | |
| 5 | Crystal Lake Ave Hyperloop | Crystal Lake | R&I | CON | | | |
| | Grand Total | | | | \$500,000 | \$0 | \$0 |
| | Unprogrammed Balance | | | | \$1,000,000 | \$1,500,000 | \$1,500,000 |

Enter: The Grandfathered Project! This project is getting placed first, as it was funded from the previous year's program. Since grandfathered projects stay on their current schedule, this one is going in 2021.

This immediately removes \$500,000 from the 2021 allotment.

| | | | | Amount: | \$1,500,000 | \$1,500,000 | \$1,500,000 |
|------|---------------------------------|--------------|------------------|---------|-------------|-------------|-------------|
| Rank | Project | LPA | Project Category | Phases | 2021 | 2022 | 2023 |
| N/A | Old Man Express High Speed Rail | McHenry | R&I | CON | \$500,000 | | |
| 1 | Winn Rd Pedestrian Plaza | Spring Grove | Resurfacing | CON | | | |
| 2 | Randall Rd Bus Lanes | Algonquin | R&I | CON | \$750,000 | | |
| 3 | Washington St Bike Highway | Woodstock | R&I | CON | | | |
| 4 | Main St Scooter Lanes/Resurface | Huntley | Resurfacing | CON | | | |
| 5 | Crystal Lake Ave Hyperloop | Crystal Lake | R&I | CON | | | |
| | Grand Total | | | | \$1,250,000 | \$0 | \$0 |
| | Unprogrammed Balance | | | | \$250,000 | \$1,500,000 | \$1,500,000 |

The Randall Rd Bus Lanes are ranked #2, but first for 2021, so they are the next ones placed into their requested year.

\$750,000 is taken from the \$1.5 million total in 2021, leaving \$250,000 to be programmed.

| | | | | Amount: | \$1,500,000 | \$1,500,000 | \$1,500,000 |
|------|---------------------------------|--------------|------------------|---------|--------------------|--------------------|--------------------|
| Rank | Project | LPA | Project Category | Phases | 2021 | 2022 | 2023 |
| N/A | Old Man Express High Speed Rail | McHenry | R&I | CON | \$500,000 | | |
| 1 | Winn Rd Pedestrian Plaza | Spring Grove | Resurfacing | CON | | | |
| 2 | Randall Rd Bus Lanes | Algonquin | R&I | CON | \$750,000 | | |
| 3 | Washington St Bike Highway | Woodstock | R&I | CON | | | |
| 4 | Main St Scooter Lanes/Resurface | Huntley | Resurfacing | CON | \$250,000 | | |
| 5 | Crystal Lake Ave Hyperloop | Crystal Lake | R&I | CON | | | |
| | Grand Total | | | | \$1,500,000 | \$0 | \$0 |
| | Unprogrammed Balance | | | | \$0 | \$1,500,000 | \$1,500,000 |

The Main St Scooter Lanes are #4, but #2 in 2021, so they are the next ones placed into their requested year.

\$250,000 is taken from the \$1,250,000 total in 2021, leaving \$0 to be programmed.

| | | | | Amount: | \$1,500,000 | \$1,500,000 | \$1,500,000 |
|------|---------------------------------|--------------|------------------|---------|--------------------|--------------------|--------------------|
| Rank | Project | LPA | Project Category | Phases | 2021 | 2022 | 2023 |
| N/A | Old Man Express High Speed Rail | McHenry | R&I | CON | \$ 500,000 | | |
| 1 | Winn Rd Pedestrian Plaza | Spring Grove | Resurfacing | CON | | | |
| 2 | Randall Rd Bus Lanes | Algonquin | R&I | CON | \$750,000 | | |
| 3 | Washington St Bike Highway | Woodstock | R&I | CON | | | |
| 4 | Main St Scooter Lanes/Resurface | Huntley | Resurfacing | CON | \$250,000 | | |
| 5 | Crystal Lake Ave Hyperloop | Crystal Lake | R&I | CON | | | |
| | Grand Total | | | | \$1,000,000 | \$0 | \$0 |
| | Unprogrammed Balance | | | | \$500,000 | \$1,500,000 | \$1,500,000 |

The Crystal Lake Hyperloop is #5, so they are the next ones placed into 2021. However, there is not enough money left in 2021 to accommodate the project. So, it'll wait until all other projects are filled into their requested years. Then the project will get placed, assuming there is funding availability.

| | | | | Amount: | \$1,500,000 | \$1,500,000 | \$1,500,000 |
|------|---------------------------------|--------------|------------------|---------|--------------------|--------------------|--------------------|
| Rank | Project | LPA | Project Category | Phases | 2021 | 2022 | 2023 |
| N/A | Old Man Express High Speed Rail | McHenry | R&I | CON | \$ 500,000 | | |
| 1 | Winn Rd Pedestrian Plaza | Spring Grove | Resurfacing | CON | | | |
| 2 | Randall Rd Bus Lanes | Algonquin | R&I | CON | \$750,000 | | |
| 3 | Washington St Bike Highway | Woodstock | R&I | CON | | \$1,500,000 | |
| 4 | Main St Scooter Lanes/Resurface | Huntley | Resurfacing | CON | \$250,000 | | |
| 5 | Crystal Lake Ave Hyperloop | Crystal Lake | R&I | CON | | | |
| | Grand Total | | | | \$1,500,000 | \$1,500,000 | \$0 |
| | Unprogrammed Balance | | | | \$0 | \$0 | \$1,500,000 |

In 2022, there is only one project, so it is placed in its requested year.

\$1,500,000 is taken from the \$1.5 million total in 2022, leaving \$0 to be programmed.

| | | | | Amount: | \$1,500,000 | \$1,500,000 | \$1,500,000 |
|------|---------------------------------|--------------|------------------|---------|--------------------|--------------------|--------------------|
| Rank | Project | LPA | Project Category | Phases | 2021 | 2022 | 2023 |
| N/A | Old Man Express High Speed Rail | McHenry | R&I | CON | \$ 500,000 | | |
| 1 | Winn Rd Pedestrian Plaza | Spring Grove | Resurfacing | CON | | | \$500,000 |
| 2 | Randall Rd Bus Lanes | Algonquin | R&I | CON | \$750,000 | | |
| 3 | Washington St Bike Highway | Woodstock | R&I | CON | | \$1,500,000 | |
| 4 | Main St Scooter Lanes/Resurface | Huntley | Resurfacing | CON | \$250,000 | | |
| 5 | Crystal Lake Ave Hyperloop | Crystal Lake | R&I | CON | | | |
| | Grand Total | | | | \$1,500,000 | \$1,500,000 | \$500,000 |
| | Unprogrammed Balance | | | | \$0 | \$0 | \$1,000,000 |

In 2023, there is only one project, so it is placed in its requested year.

\$500,000 is taken from the \$1 million total in 2023, leaving \$1 million to be programmed.

| | | | | Amount: | \$1,500,000 | \$1,500,000 | \$1,500,000 |
|------|---------------------------------|--------------|------------------|---------|--------------------|--------------------|--------------------|
| Rank | Project | LPA | Project Category | Phases | 2021 | 2022 | 2023 |
| N/A | Old Man Express High Speed Rail | McHenry | R&I | CON | \$ 500,000 | | |
| 1 | Winn Rd Pedestrian Plaza | Spring Grove | Resurfacing | CON | | | \$500,000 |
| 2 | Randall Rd Bus Lanes | Algonquin | R&I | CON | \$750,000 | | |
| 3 | Washington St Bike Highway | Woodstock | R&I | CON | | \$1,500,000 | |
| 4 | Main St Scooter Lanes/Resurface | Huntley | Resurfacing | CON | \$250,000 | | |
| 5 | Crystal Lake Ave Hyperloop | Crystal Lake | R&I | CON | | | \$1,000,000 |
| | Grand Total | | | | \$1,500,000 | \$1,500,000 | \$1,500,000 |
| | Unprogrammed Balance | | | | \$0 | \$0 | \$0 |

Back to the Hyperloop....

Now that all projects have been programmed, we go back to Crystal Lake Ave Hyperloop. As mentioned, it can't go in its requested year, 2021. It can't go in 2022, because there is no available funding there either. There IS money left in 2023. As a result, it'll go there.

If there was no money left in 2023, then the project would have to be put on the contingency list.

While rank is indeed important, we are subject to the fiscal constraint of that year. A lower-ranked project that requests an out-year may have a better likelihood of getting funded than a higher-ranked project in an earlier, more requested year. It is important to think carefully about when the best year for your project is. While we would love to accommodate all projects in 2021, that is not possible under Active Program Management. Be mindful of this while selecting your requested year(s). For more information on programming and APM, visit CMAP's website.