

From: [Navarro, Alex](#)
To: [Perez, Arturo](#)
Cc: [Wharton, William](#); [Ross, Tom](#); [Jones, Tara](#); [Baker, Michael](#)
Subject: S-9742-14_TW011_SEM2045_Project Cost Estimating Methodology & Sources
Date: Wednesday, June 14, 2023 3:18:47 PM
Attachments: [DRAFT Estimate Methodology 20230614.xlsx](#)
[DECEMBER 2021 REV2 How to develop cost estimate.pdf](#)
[Future Metro Plan Projects.xlsx](#)

Good Afternoon Arturo,

Please see the attached Project Cost Estimating Methodology and Sources that has been drafted for the Seminole County 2045 TMP. We have gathered source data and established cost sheets by project category. There is also methodology within the spreadsheet to determine the adjustment factors for the cost in the year that the project will be implemented.

The following sources were utilized for the project costs:

- MetroPlan Orlando Cost Feasible Plan – <https://metroplanorlando.org/wp-content/uploads/2045-MTP-Cost-Feasible-Plan-Adopted-Dec-2020-Revised-Dec-2022.pdf>
- FDOT Construction Costs Indicators – https://fdotwww.blob.core.windows.net/sitefinity/docs/default-source/programmanagement/estimates/documents/construction-cost-indicator-reports/2023-05-cci-report.pdf?sfvrsn=5b2e25ae_2
- FDOT Costs Per Mile Models Report – <https://www.fdot.gov/programmanagement/estimates/documents/costpermilemodelsreports>
- FDOT Historical Item Average Costs Report (12 months, updated April 24, 2023) – https://fdotwww.blob.core.windows.net/sitefinity/docs/default-source/programmanagement/estimates/documents/historical-item-average-costs-reports/moving/statewide/pdf/historical-item-averages-statewide-12-months.pdf?sfvrsn=c79bd5_16
- Seminole County Capital Improvement Program - FY 2022
- Seminole County, How to Develop a Cost Estimate – attached
- Seminole County Traffic Engineering Future Plan Projects – attached
- LYNX Seminole County Transit Plan (provided by Bill, it is too large to attach)

The following sources were utilized as a basis to determine the adjustment factors:

- FDOT Advisory Inflation Factors (2019) used for prior to 2018 – https://fdotwww.blob.core.windows.net/sitefinity/docs/default-source/planning/revenueforecast/retrocostinflfactor.pdf?sfvrsn=8af798b1_4
- FDOT Inflation Factors Table (2021) used for after 2023 – https://fdotwww.blob.core.windows.net/sitefinity/docs/default-source/planning/revenueforecast/cif.pdf?sfvrsn=941927a1_6
- Producer Price Index (PPI) Construction Inflation, 12-Month Rates used for 2018 through 2023 – <https://www.bls.gov/ppi/detailed-report/>

We look forward to any feedback that you may have on the provided spreadsheet. Please

reach out if you have any questions.

Thanks so much!

Alex

Alex Navarro, PE | [Jacobs](#) | Traffic Engineer
M: +1.407.903.5109 | Alex.Navarro@jacobs.com
200 S. Orange Ave., Suite 900 | Orlando, FL 32801 | USA
<https://www.jacobs.com/>