



NORTH CAROLINA

Department of Transportation



SMAC Update

January 12, 2022

Transportation Framework

- 4th quarter data release – November 8, 2021
- 1st quarter data release – February 14, 2022
 - <https://ncdot.maps.arcgis.com>
 - <https://connect.ncdot.gov/resources/gis/Pages/GIS-Data-Layers.aspx>
 - Includes:
 - Road centerlines with major asset data by segment
 - Rail network, crossings and stations
 - Structure data – bridges and major signage
 - Powell Bill Municipal Boundaries

NCDOT 2021 by the numbers

- Roadway Centerline Edits by Edit Type = 46,532

Year	2022	2021	2021	2021
ActivityType	1stQtr	4thQtr	3rdQtr	2ndQtr
Create	392	1306	667	1128
Reverse	25	14	17	21
Retire	122	144	227	168
Extend	107	377	181	408
Reassign	173	171	221	152
Realign	97	216	139	200
Carto Realign	6880	8174	13553	11252
Total	7796	10402	15005	13329

NCDOT 2021 by the numbers

Active Route Changes Per Quarter Per Route Class = 14,752

Route Class	1st Quarter 2022	4 th Quarter 2021	3 rd Quarter 2021	2 nd Quarter 2021
Interstate	8	25	23	22
US Route	48	52	95	72
NC Route	37	76	126	69
Secondary Route	628	683	1280	822
Non-system Route	1609	3170	2253	3143
Other State Agency	2	0	0	0
Federal Route	2	0	102	0
Ramps, Rest Areas	66	82	161	88
Projected Routes	1	3	4	0
Totals:	2401	4091	4044	4216

Transportation Framework – Bike/Ped

- Research and Data

- Bicycle & Pedestrian Crash Data

- [Crash Data Map](#)

- Pedestrian & Bicycle Infrastructure Network (PBIN)

- [Viewing and Downloading Data](#)

- Non-Motorized Traffic Monitoring Program

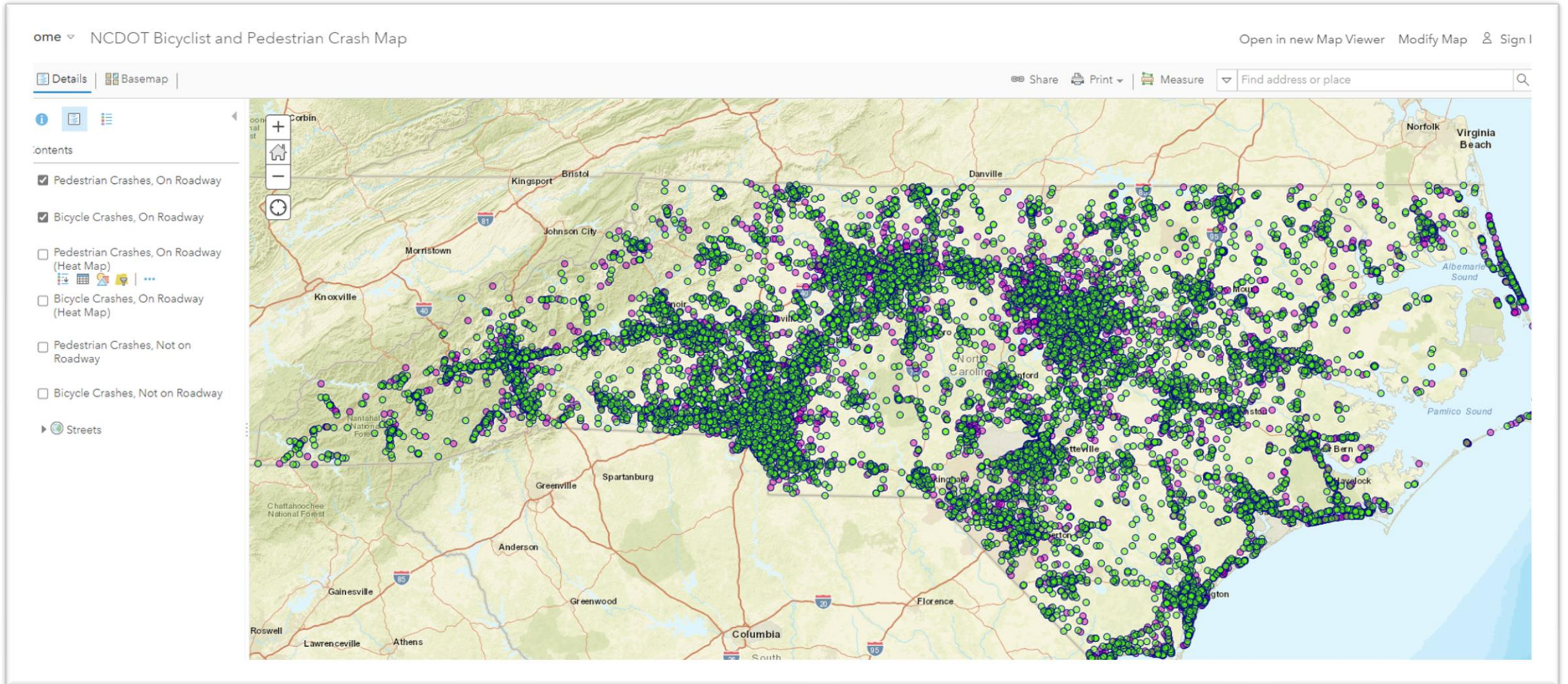
- [NC Non-Motorized Volume Data Program](#) (NC NMVDP)

- [Resources for Local Agency Partners](#)

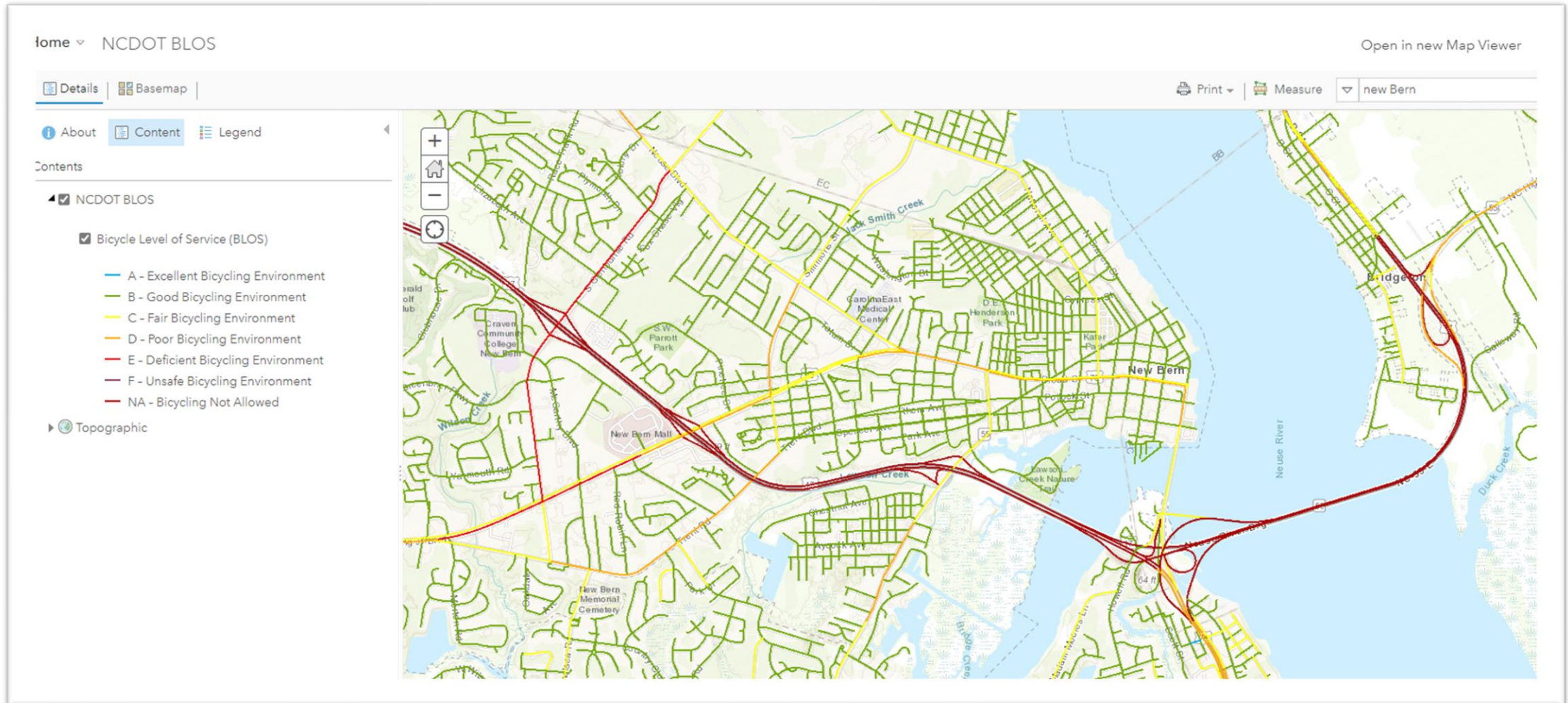
- Bicycle Level of Service (BLOS)

- [BLOS data sheet](#)

Transportation Framework – Bike/Ped



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NCDOT GIS announcements

- AASHTO GIS for Transportation Symposium
 - April 19 to 22, 2022 North Charleston, SC
 - <https://gis-t.transportation.org/>
 - Sponsorship Opportunities
 - <https://cvent.me/5aWXzq>
 - Registration Opening Soon





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