

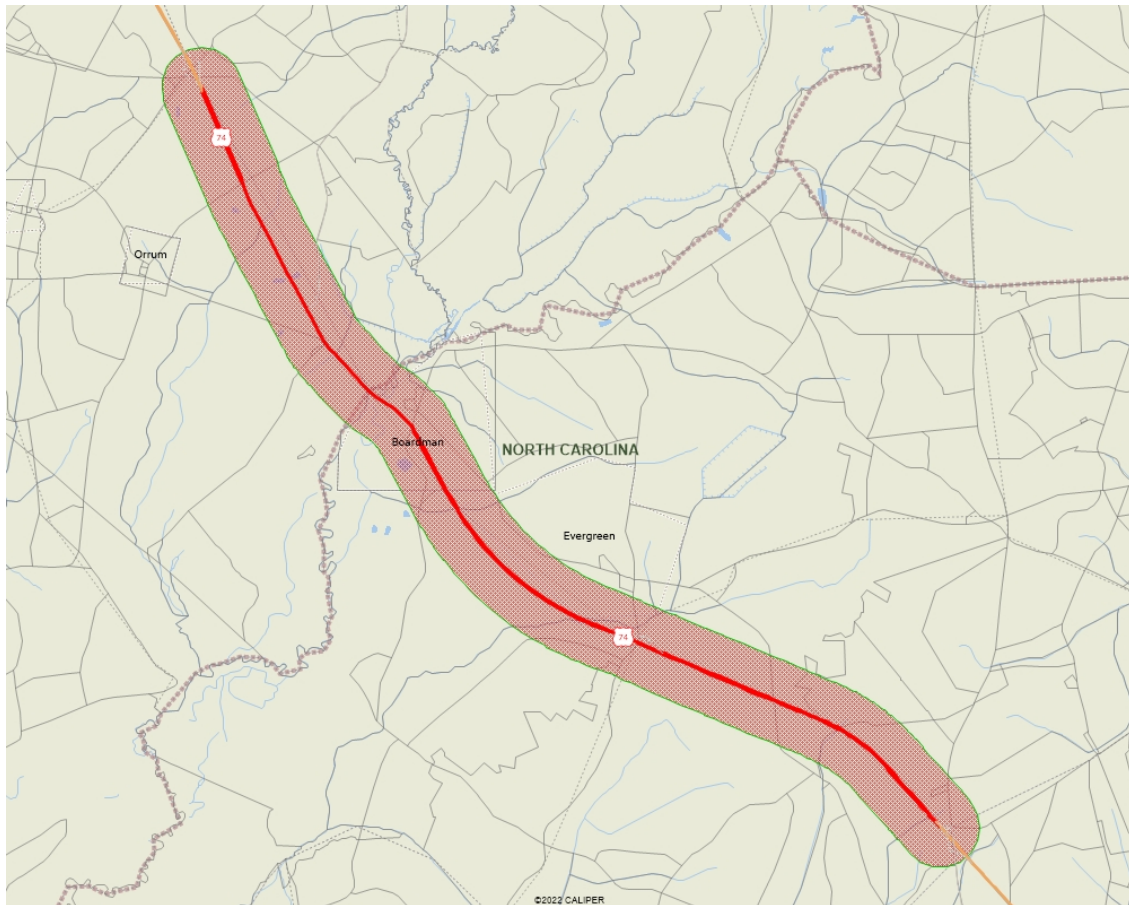
Attachment 3:
FHWA Screening Tool for
Equity of Projects (STEAP) - A



**North Carolina Flood Mitigation:
PROTECTing US 74 at the Lumber River**

Screening Tool for Equity Analysis of Projects (STEAP) Project Buffer Analysis Profile Report

Data Source: American Community Survey 2016-2020
Prepared by FHWA Office of Planning



Analysis of 1 Buffer of Size 0.5 Miles

Reference Layers
City/Town: Boardman NC
County: Columbus NC
State: North Carolina

Note: *: The variables marked with an asterisk are estimated from Census Tract data. More information on the disaggregation method can be found on the "Help" tab of the Screening Tool for Equity Analysis of Projects webpage.

0.5 Miles Buffer Analysis Summary Report

	Buffer Estimates	Percent	City/Town Boardman NC	County Columbus NC	State North Carolina
General Buffer Area Statistics					
Land Area (in square miles)	15		3	938	48,623
Population	661		315	55,659	10,386,227
Housing Units	302		129	26,381	4,687,122
Households	269		125	21,545	4,031,592
Families	184		100	14,313	2,625,055

Population by Race					
Total	661	100%	315	55,659	10,386,227
Population Reporting One Race	654	99%	100%	98%	96%
White	399	60%	50%	62%	68%
Black	171	26%	25%	30%	21%
American Indian	38	6%	24%	4%	1%
Asian		0%	0%	0%	3%
Pacific Islander		0%	0%	0%	0%
Some Other Race	45	7%	1%	2%	3%
Population Reporting Two or More Races	7	1%	0%	2%	4%

Population by Ethnicity					
Total	661	100%	315	55,659	10,386,227
Hispanic Origin	45	7%	1%	5%	10%
Not Hispanic	616	93%	99%	95%	90%

Total Non-Hispanic Population					
Total	616	100%	313	52,598	9,395,176
White Alone	399	65%	50%	63%	69%
Black or African American Alone	171	28%	26%	31%	23%
American Indian & Alaska Native Alone	38	6%	24%	4%	1%
Asian Alone		0%	0%	0%	3%
Native Hawaiian & Other Pacific Islander Alone		0%	0%	0%	0%
Some other Race Alone		0%	0%	0%	0%
Two or More Race	7	1%	0%	2%	3%

Note: * The variables marked with an asterisk are estimated from Census Tract data. More information on the disaggregation method can be found on the "Help" tab of the Screening Tool for Equity Analysis of Projects webpage.

	Buffer Estimates	Percent	City/Town Boardman NC	County Columbus NC	State North Carolina
Total Hispanic Population *					
Total	45	100%	2	3,061	991,051
Hispanic – Mexican	44	97%	100%	93%	55%
Hispanic – Puerto Rican		1%	0%	1%	11%
Hispanic – Cuban		1%	0%	2%	3%
Hispanic – Other	1	2%	0%	5%	31%

Total American Indian Population *					
Total	38	100%	76	1,964	120,272
American Indian-Cherokee	6	15%	100%	6%	13%
American Indian-Chippewa		0%	0%	0%	1%
American Indian-Navajo		0%	0%	0%	0%
American Indian-Sioux		0%	0%	1%	0%

Population by Sex					
Total	661	100%	315	55,659	10,386,227
Male	317	48%	49%	50%	49%
Female	344	52%	51%	50%	51%

Population by Age					
Total	661	100%	315	55,659	10,386,227
Age 0-17 (children)	140	21%	9%	21%	22%
Age 18-64 (Adult)	360	55%	80%	59%	62%
Age 65+ (Senior Population)	161	24%	11%	20%	16%
Age 5+ (used for "language spoken at home")	635	96%	96%	95%	94%
Age 16+ (used for "Labor Forces")	535	81%	91%	82%	80%
Age 18+ (Used for "voting age")	521	79%	91%	79%	78%
Age 25+ (used for "Education Attainment")	455	69%	73%	71%	68%

Employed Population Age 16+ Years					
Total	535	100%	287	45,594	8,352,255
In Labor Force	235	44%	69%	47%	62%
Civilian Unemployed in Labor Force	12	2%	3%	3%	3%
Not in Labor Force	300	56%	31%	53%	38%

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	Buffer Estimates	Percent	City/Town Boardman NC	County Columbus NC	State North Carolina
Population 25+ by Educational Attainment					
Total	455	100%	230	39,312	7,096,773
Less than 9th Grade	22	5%	2%	5%	4%
9th - 12th Grade, No Diploma	61	13%	17%	11%	7%
High School Graduate	207	46%	64%	38%	25%
Some College, No Degree	91	20%	3%	23%	21%
Associate Degree	39	9%	9%	10%	10%
Bachelor's Degree or more	34	7%	7%	13%	32%

Households by Household Size					
Total Households	269	100%	125	21,545	4,031,592
1-person households	79	29%	16%	31%	29%
2-person households	107	40%	36%	35%	36%
3-person households	32	12%	14%	18%	16%
4-person households	33	12%	27%	9%	12%
5-person households	10	4%	2%	5%	5%
6-person households	5	2%	4%	2%	2%
7+ person households	2	1%	0%	1%	1%

Households by Household Type (including Living Alone)					
Total Households	269	100%	125	21,545	4,031,592
Married-Couple family households	123	46%	43%	42%	48%
Male householder, no spouse present family households	22	8%	20%	6%	4%
Female householder, no spouse present family households	39	14%	17%	17%	13%
Householder living alone – nonfamily households	79	29%	16%	31%	29%
Householder not living alone – nonfamily households	6	2%	4%	3%	6%

Household Type for Children Under 18 years in Households *					
Total Population under 18 years in households (excluding householders, spouse and unmarried partners)	139	100%	28	11,521	2,295,289
Married-couple household	72	52%	14%	59%	65%
Cohabiting couple household	29	21%	36%	8%	8%
In male householder, no spouse/partner present household	5	4%	0%	6%	5%

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	Buffer Estimates	Percent	City/Town Boardman NC	County Columbus NC	State North Carolina
In female householder, no spouse/partner present household	32	23%	50%	27%	23%

Households by Household Income

Household Income Base	269	100%	125	21,545	4,031,592
< \$15,000	59	22%	8%	19%	11%
\$15,000 - \$25,000	52	19%	2%	15%	10%
\$25,000 - \$35,000	39	15%	11%	12%	10%
\$35,000 - \$50,000	22	8%	35%	12%	14%
\$50,000 - \$75,000	46	17%	33%	19%	18%
\$75,000 +	51	19%	11%	22%	38%

Selected Monthly Owner Costs as a % of Household Income in the past 12 months (with or without mortgage)

Total Owner-Occupied Housing Units	225	100%	70	15,531	2,649,849
Less than 10.0%	78	34%	27%	26%	24%
10.0 to 14.9%	18	8%	47%	16%	20%
15.0 to 19.9%	25	11%	9%	13%	17%
20.0 to 24.9%	18	8%	4%	11%	11%
25.0 to 29.9%	10	4%	1%	6%	7%
30.0 to 34.9%	27	12%	3%	4%	5%
35.0 to 39.9%	13	6%	1%	6%	3%
40.0 to 49.9%	6	3%	0%	5%	4%
50.0% or more	21	9%	3%	12%	8%
Not computed	11	5%	4%	1%	1%

Gross Rent as a % of Household Income in the past 12 months

Total Renter-Occupied Housing Units	44	100%	55	6,014	1,381,743
Less than 10.0%	1	2%	13%	3%	4%
10.0 to 14.9%	5	11%	0%	5%	9%
15.0 to 19.9%	4	9%	22%	9%	12%
20.0 to 24.9%	3	7%	0%	8%	12%
25.0 to 29.9%		0%	0%	6%	11%
30.0 to 34.9%	1	3%	4%	9%	8%
35.0 to 39.9%	3	8%	0%	6%	6%

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	Buffer Estimates	Percent	City/Town Boardman NC	County Columbus NC	State North Carolina
40.0 to 49.9%		0%	0%	5%	8%
50.0% or more	7	16%	4%	22%	20%
Not computed	19	44%	58%	27%	9%

Monthly Housing Cost *					
Total Occupied Housing Units	269	100%	125	21,545	4,031,592
Less than \$199	22	8%	2%	3%	2%
\$200 to \$399	64	24%	16%	23%	12%
\$400 to \$599	66	25%	38%	18%	12%
\$600 to \$799	40	15%	12%	17%	13%
\$800 to \$999	28	10%	2%	12%	13%
\$1000 to \$1499	21	8%	4%	15%	25%
\$1500 to \$1999	7	3%	0%	4%	11%
\$2000 to \$2499	5	2%	0%	1%	5%
\$2500 to \$2999	1	0%	0%	0%	2%
\$3000 or more	1	0%	0%	1%	2%
No Cash Rent	15	5%	26%	7%	2%

Population in Poverty by Race *					
Total (Population for whom poverty status is determined)	659	100%	307	52,623	10,098,330
People in Poverty - White Alone	58	9%	4%	12%	7%
People in Poverty - Black or African American Alone	54	8%	2%	9%	5%
People in Poverty - American Indian & Alaska Native Alone	14	2%	1%	1%	0%
People in Poverty - Asian Alone	1	0%	0%	0%	0%
People in Poverty - Native Hawaiian & other Pacific Islander Alone		0%	0%	0%	0%
People in Poverty - Some Other Race Alone	12	2%	1%	0%	1%
People in Poverty - Two or More Race	1	0%	0%	1%	1%

Population in Poverty by Age *					
Total (Population for whom poverty status is determined)	659	100%	307	52,623	10,098,330
People in Poverty – Age 0-5	7	1%	0%	3%	2%
People in Poverty – Age 6-17	35	5%	0%	4%	3%
People in Poverty – Age 18-24	13	2%	1%	3%	2%
People in Poverty – Age 25-64	58	9%	5%	10%	6%
People in Poverty – Age 65+	27	4%	2%	3%	2%

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	Buffer Estimates	Percent	City/Town Boardman NC	County Columbus NC	State North Carolina
Vehicle Ownership					
Total Households	269	100%	125	21,545	4,031,592
Zero Vehicle Households	20	7%	24%	6%	6%
One Vehicle Households	103	38%	24%	31%	31%
Two Vehicle Households	75	28%	11%	33%	38%
Three or More Vehicle Households	71	26%	41%	30%	25%

Foreign Born Population *					
Total (regardless of citizenship status)	9	100%	2	1,500	832,602
Foreign Born – Europe		1%	0%	9%	11%
Foreign Born – Asia		4%	0%	10%	28%
Foreign Born – Africa		0%	0%	2%	8%
Foreign Born – Oceania		0%	0%	0%	0%
Foreign Born – Latin America	9	95%	100%	78%	50%
Foreign Born – Northern America		0%	0%	2%	2%

Population Age 5+ Years by Ability to Speak English					
Total	635	100%	302	52,684	9,780,928
Speak only English	597	94%	99%	94%	88%
Non-English at Home	39	6%	1%	6%	12%
Speak English "very well"	29	5%	0%	4%	7%
Speak English "well"	4	1%	0%	1%	2%
Speak English "not well"	5	1%	0%	1%	2%
Speak English "not at all"		0%	1%	0%	1%

Linguistically Isolated Households (Household Limited English Speaking Status)					
Total Households	269	100%	125	21,545	4,031,592
Speak Spanish	8	3%	0%	5%	7%
Speak Other Indo-European Languages		0%	0%	0%	2%
Speak Asian-Pacific Island Languages		0%	0%	1%	2%
Speak Other Languages		0%	0%	0%	1%

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	Buffer Estimates	Percent	City/Town Boardman NC	County Columbus NC	State North Carolina
Other Vulnerable Populations or Households					
Total Population	521	100%	287	43,926	7,986,262
Number of Veterans (18+)	40	8%	2%	8%	8%
Number of People with Disabilities (Civilian Non-Inst) *	138	27%	16%	23%	17%
Total Households	269	100%	125	21,545	4,031,592
Number of Households with no Computers	55	20%	7%	18%	9%
Number of Households with no Internet Connection	121	45%	12%	26%	14%