

2025 TRANSPORTATION PLAN REVENUE FORECAST

A draft summary of the DCHC revenue forecast is presented. The Transportation Equity Act for the 21st Century (TEA 21) requires that long-range transportation plans be financially feasible. The Legislation explicitly mandates that the MPOs' long-range transportation plans include "... a financial plan that demonstrates how the long-range plan can be implemented, indicates resources from public and private sources that are <u>reasonably</u> expected to be made available to carry out the plan, and recommends any innovative financing techniques to finance needed projects and programs, including such techniques as value capture, tolls and congestion pricing."

The subsequent Metropolitan Planning Rules issued by the Federal Highway Administration (FHWA) in 1999 amplify TEA-21 fiscally constrained transportation plan requirement by stating that MPO plans:

"... include a financial plan that demonstrates the consistency of proposed transportation investments with already available and projected sources of revenue. The financial plan shall comprise the estimated revenue from existing and proposed funding sources that can be reasonably be expected to be available for transportation uses, and the estimated costs of constructing, maintaining and operating the total (existing plus planned) transportation system, over the period of the plan. The estimated revenue by existing source (federal, state, local and private) available for transportation projects shall be determined and any shortfall shall be identified. Proposed new revenue and/or revenue sources to cover shortfalls shall be identified, including strategies for ensuring their availability for proposed investments. Existing and proposed revenue shall cover all forecasted capital operating, and maintenance costs. All cost and revenue projections shall be based on the data reflecting the existing situation and historical trends."

The DCHC Metropolitan Planning Organization (MPO) is adhering to TEA 21 by providing a comprehensive picture of the financing requirements for maintaining and improving the urban area's transportation system. The first step in developing a fiscally constrained Transportation Plan is to determine how much money would potentially be available to sustain and improve proposed transportation system and strategies.

In order to comply with TEA-21 requirements, explicit assumptions had to be made to project revenue source. The major assumptions used to forecast the traditional revenues for the DCHC Transportation Plan are summarized as follows:

- 1. Existing sources of federal, State, local, and private revenues will continue throughout the Plan horizon (2025).
- 2. State revenue contributions are expected to continue, with funding levels based on the existing formula.

- 3. Local sources of revenue, bonds, CIP, impacts, motor registration fees, and car rental for TTA will continue, with growth at inflation rate.
- 4. TEA-21, due to expire in 2003, will be re-authorized and the State and MPO allocations will reflect past funding levels

Summary of Total Revenue Forecast from Traditional Sources (Federal, State, local and private)

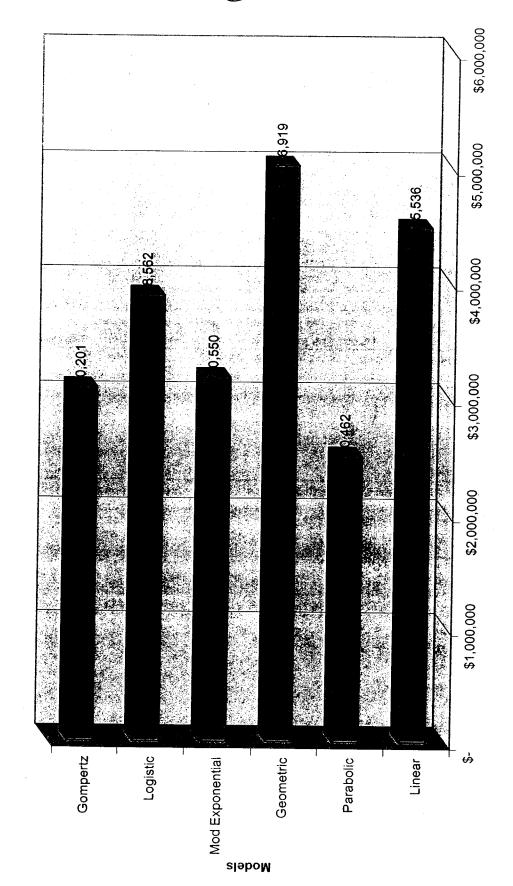
Revenue forecasts were developed using historic trends of traditional funding and the models highlighted below. The table below and the attached graph show the draft total revenue from traditional sources.

Models	2025	Revenue (\$000)
Linear	\$	4,475,536
Parabolic	\$	2,500,462
Geometric	\$	5,016,919
Mod Exponential	.\$	3,180,550
Logistic	\$	3,888,562
Gompertz	\$	3,090,201

Forecast of Other Potential Revenue Sources

Other revenue sources examined are

- Sales tax
- Property Tax
- Tolls (value pricing)
- Sin Tax (alcohol beverages & cigarettes)
- Gasoline tax increase



revenue forecast

2025 Revenue Forecast (\$000)



Summary of Revenue Forecasts from Other Sources

Potential New Dedicated Funding Sources Annual Revenue Estimates (1999 Tax Data)*

Potential Sales Tax Revenue											
		1/2 Percent Tax		1 Percent Tax							
Durham /Chapel Hill	\$	19,662,584	\$	39,325,168							

Potential Regional Motor Fuels Tax Revenue											
	1/2	Cent Tax		1 Cent Tax		2 Cents Tax					
Durham /Chapel Hill	\$	2,047,998	\$	4,095,995	\$	8,191,990					

Potential Regional Property Tax Revenue												
	1 Cent Tax per \$100	3 Cent Tax per \$100	5 Cent Tax per \$100									
Durham /Chapel Hill	\$ 2,058,000	\$ 6,174,000	\$ 10,290,000									

^{*}Estimates are for the two county study area; Durham and Orange counties

Sales and Use Tax Collections and Incremental Revenue Potential (Year 2000 Dollars)												
2000 to 2005 2005 to 2015 2015 to 2025												
		1%		1%	<u> </u>	1%						
Durham	\$	215,707,267	\$	534,536,530	\$	870,703,681						
Orange	\$	51,779,099	\$	128,311,949	\$	209,006,644						
Total	\$	267,486,366	\$	662,848,478	\$	1,079,710,325						

Assumes a 5% annual growth over 25 years.

Assessed Real Property Valuation Data

	sar Property Valuates ssessed Value of Total Taxable		Property Tax Annual Revenue	,	Property Tax Annual Revenue	i	perty Tax lal Revenue
	Property	1	Cent Tax per \$100	3 (Cent Tax per \$100	5 Cent	Tax per \$100
Durham	\$ 13,265,000,000	\$	1,326,500	\$	3,979,500	\$	6,632,500
Orange	\$ 7,315,000,000	\$	731,500	\$	2,194,500	\$	3,657,500
Total	\$ 20,580,000,000	\$	2,058,000	\$	6,174,000	\$	10,290,000



Overview of Funding Sources

An important element of the Financial Plan is planning for transportation needs within the current and expected financial constraints. This section presents a description of current federal, state, and local financial resources.

Federal Funding

The Transportation Equity Act for the 21st Century (TEA 21) was signed into law on June 9, 1998. This six-year transportation authorizing legislation increased funding by forty percent (40%) over the Intermodal Surface Transportation Efficiency Act (ISTEA) of 1991. TEA 21 authorizes a total \$217 billion for transportation, with \$198 billion guaranteed (\$36 billion for transit). For purposes of this Financial Plan, it is assumed that Congress will maintain its current trend in federal transportation funding over the planning horizon. The federal funding categories on the highway side are: Interstate Maintenance, National Highway System, Bridge, Surface Transportation Program, Congestion Mitigation Air Quality. Bicycle and pedestrian improvements are funded through the Surface Transportation Program. Federal transit funding occurs through formula grants and capital program grants. Federal moneys are distributed to the DCHC urban area through the North Carolina Department of Transportation (NCDOT), with the exception of the Surface Transportation Program Direct Allocation Funds for which the DCHC MPO is directly responsible. North Carolina is a donor state, meaning that under TEA 21 North Carolina is guaranteed to receive a 90.5 % return on the revenue it puts into the Highway Trust Fund via the federal gas tax.

State Revenue Sources

<u>Highway</u>

The State highway budget consists of the Federal Aid Construction Program, the State match from the Highway Fund, and the Intrastate and Urban Loop Programs from the North Carolina Trust Fund. The proceeds from the sale of bonds are also included in the construction budget as of 1998. The Federal Aid and North Carolina Intrastate System funds, which are expended under the Transportation Improvement Program, are distributed throughout the State in accordance with the State's equity formula. For purposes of distribution, counties in North Carolina are grouped into seven regions comprised of two divisions per region. The equity formula is calculated using a factor that is based:

- (1) Twenty-five percent (25%) on the estimated number of miles to complete the Intrastate System projects in the region compared to the estimated number of miles to complete the total Intrastate System;
- (2) Fifty percent (50%) on the estimated population of the distribution region compared to the total estimated population of the state; and
- (3) Twenty-five percent (25%) on the fraction one-seventh, which provides an equal share based on the number of distribution regions.

The DCHC urban area falls under three State funding divisions. Durham County is in Division 5, Orange County is in Division 7, and Chatham County is in Division 8. This inconsistency between federal and State funding boundaries makes it difficult for the DCHC urban area to forecast future revenues.

Transit - Transit 2001/HB 1231

North Carolina's funding for public transportation is among the lowest in the nation. It is currently represents about three percent (3%) of the State's transportation budget. The Transit 2001 Commission provided a number of recommendations on funding desired public transportation improvements.

Bicycle & Pedestrian Program

North Carolina funds bicycle and pedestrian facilities primarily through the distribution of federal Enhancement funds. NCDOT's Bicycle Program imposes an annual funding cap of \$300,000 for individual bicycle projects. The State has placed this funding cap to spread its scarce resources among



projects. However, this also serves to limit its ability to fund larger projects. The State's Pedestrian Policy requires a cost sharing arrangement between State and local governments for funding the construction of sidewalks. The policy calls for a 50-50% cost share for urban areas and an 80-20% State-local cost share for smaller communities. NCDOT's Powell Bill Program is another source of revenue that can be utilized for pedestrian facilities. While used principally for street maintenance, municipalities can also use their Powell Bill funds to construct and maintain sidewalks.

Local Revenue Sources

Historical Trend

This section provides historical financial information for expenditures and revenues. The information is provided on a county and municipal basis (and for the urban area where available). The historical expenditures have also been broken down by transportation mode to see where transportation investment has been made in the past. This task was done to examine the urban area's report card on funding transportation alternatives to the automobile. The historical revenues will be used as the basis from which future projections will be made under the current trend financial scenario. The historical financial information is only presented back to 1992. This date coincides with the implementation of the ISTEA legislation which significantly changed the way in which transportation was funded.

Historical Expenditures

The categories of transportation expenditures that this document will consider are highway construction, . highway maintenance, transit capital, transit operating and maintenance, and bicycle and pedestrian facility construction.

Highway Construction

The State is the responsible entity for constructing roads outside municipal limits. The State highway system accounts for the vast majority of roads and new road construction in the urban area. The expenditures for highway construction, using federal and State funds, is shown below for the three counties which are located or partially located within the urban area.

Exhibit 1: Highway Construction Expenditures by County (in thousands)

					(m mo	usanus			
1992	1993	1994	1995	1996	1997	1998	1999	2000	Annual
14,836	27,460	33,693	30,716	27,150	21,922	21,592	26,205	36,953	26,725
11,757	13,145	18,358	19,906	12,548	11,277	10,607	11,277	11,534	13,379
5,098	5,305	7,972	12,390	18,681	32,752	32,696	40,159	21,307	19,596

the nearest \$1000 OT

Highway Maintenance

The maintenance program for the State highway system is funded entirely with State funds and is not subject to the equity formula. The maintenance funds are allocated by the General Assembly for each fiscal year. Therefore, the amount varies from year to year. Two formulas are used for distributing maintenance funds: one for routine maintenance and another for resurfacing. Routine maintenance uses facility categories and road miles, lane miles, and population to allocate maintenance funding. The resurfacing funding formula uses lane miles, population, and pavement condition. These formulas are outlined below.



Routine Maintenance

	Primary	Secondary	Urban
Road Miles		X	
Lane Miles	X		X
Population		X	
	İ		-

Resurfacing

	Primary	Secondary	Urban
Lane Miles	X	X	X
Population	X	X	X
Pavement	X	Х	Х
Condition			

The State currently spends about \$2100 per lane mile for routine maintenance and \$871 per lane mile for resurfacing. However, this funding level represents a shortfall of approximately \$705 million over the maintenance needs. According to NCDOT the amount of funding per lane mile that is needed is \$2,989 per lane mile for routine maintenance and \$1,430 per lane mile for resurfacing. The historical expenditures on highway maintenance are provided below.

Exhibit 2: Highway Maintenance Expenditures by County (in thousands)

								Average
County	1992	1993	1994	1995	1996	1997	1998	Annual
Durham	2,737	3,382	3,945	3,280	3,447	3,650		3,407
Orange	3,035	2,706	2,987	3,092	3,546	4,643		3,335
Chatham	3,253	3,818	4,091	3,734	4,698	3,891		3,914

^{*} Rounded to the nearest \$1000

Source: NCDOT

• Historical Revenues

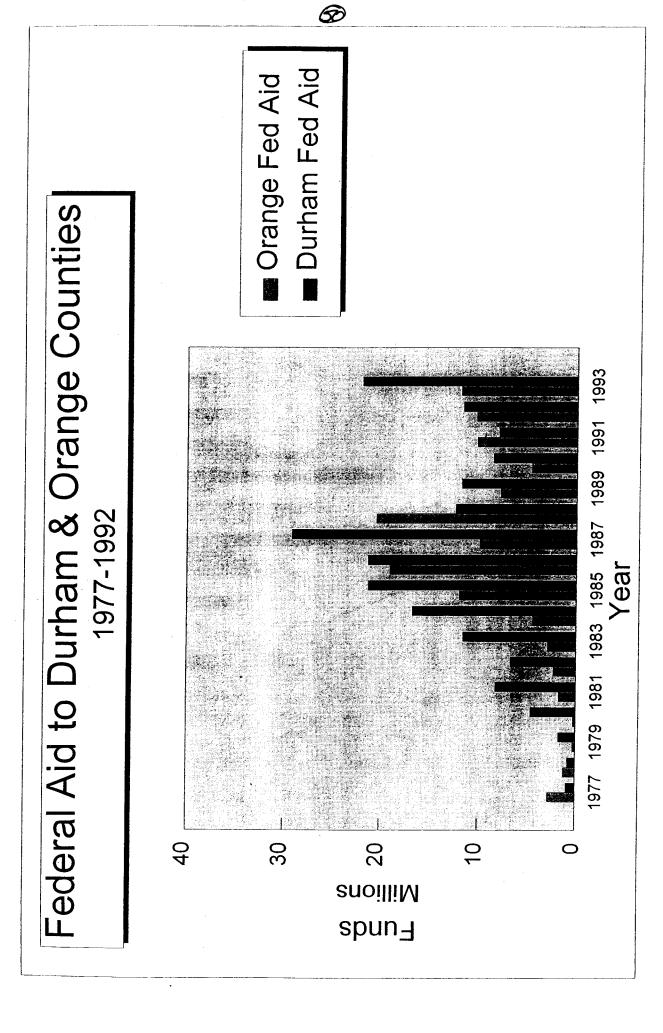
Exhibit: Historical Federal/State Highway Funding Levels (in thousands)

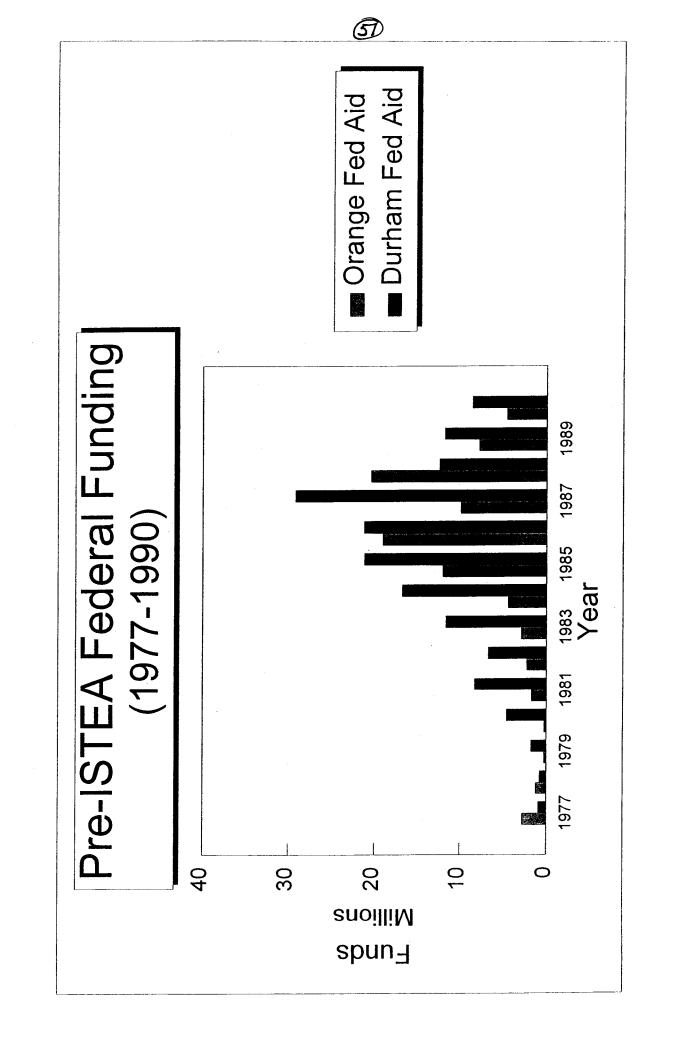
Fiscal	7-Y	ear Func	ling Levels	•		Yearly A	verage		Post-Year Needs						
Year	Durham*	Orange	Chatham	MPO	Durham*	Orange	Chatham	MPO	Durham*	Orange	Chatham	MPO			
1992-98	129,620	12,834	8,580	151,034	18,517	1,833	1,226	21,576	202,465	30,382	16,926	249,773			
1993-99	160,854	15,657	18,486	194,997	22,979	2,237	2,641	27,857	158,150	27,588	7,020	192,758			
1994-00	193,832	24,674	19,431	237,937	27,690	3,525	2,776	33,991	189,691	30,888	7,020	227,599			
1995-01	181,408	22,504	24,122	228,034	25,915	3,215	3,446	32,576	157,600	30,238	5,070	192,908			
1996-02	245,957	32,822	29,325	308,104	35,137	4,689	4,189	44,015	244,143	37,500	0	281,643			
1997-03	252,517	36,751	35,139	324,407	36,074	5,250	5,020	46,344	266,183	41,850	0	308,033			
1998-04	258,342	34,630	68,594	361,566	36,906	4,947	9,799	51,652	257,458	36,850	34,500	328,808			

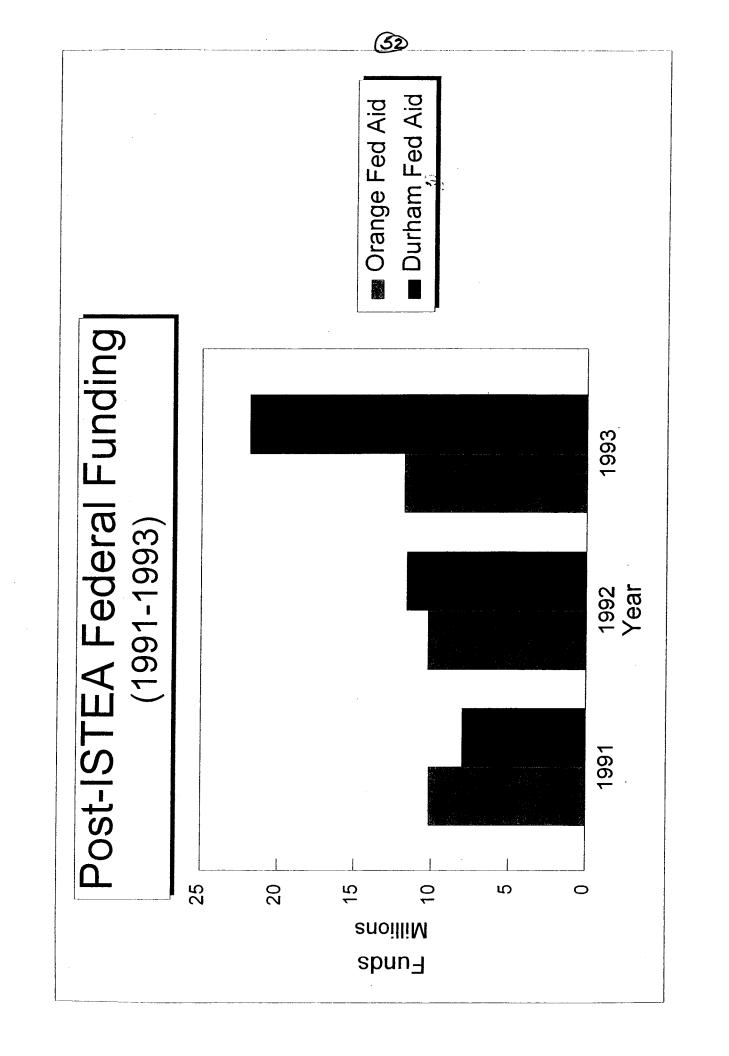
Source: Historical Transportation Improvement Programs

^{*} Includes Loop Funds

APPENDIX



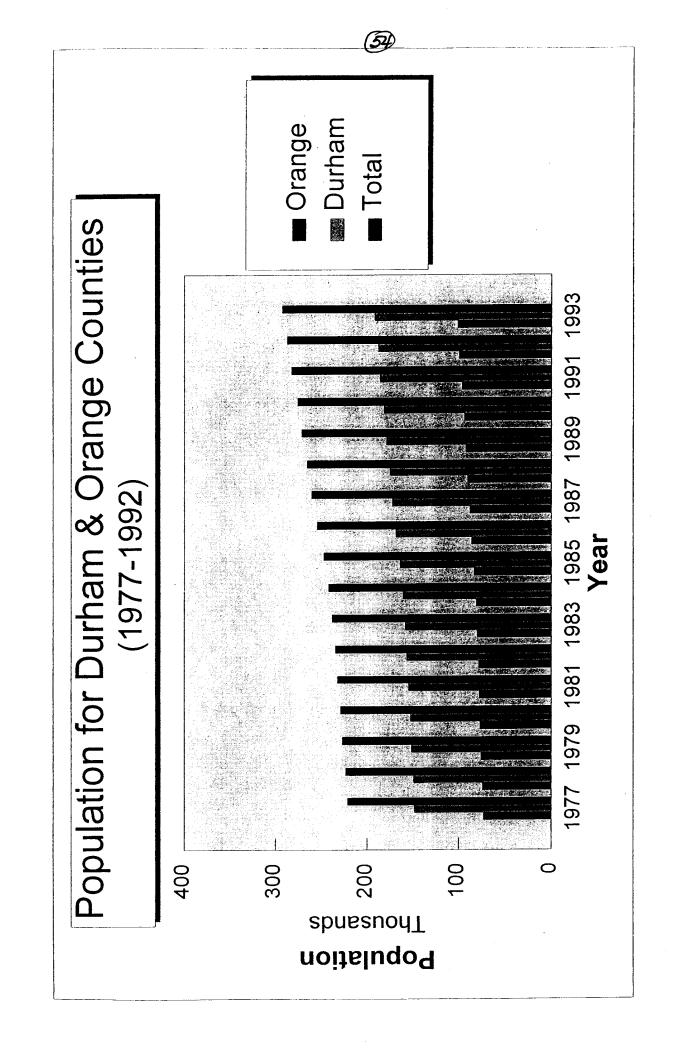






Historical Data Used for 2010 DCHC MPO Revenue Forecasts

1993 \$ Total		757,750,41	10,110,204	12 357 142	747, 700,75	77,003,227	33,323,750	29,139,690	AB 101 467	704,101,04	33,636,513	48, 183, 553	67 F84 900	060,100,10	51,893,511	45 426 DR7	00'00'0	28,523,819	19 201 593	000 010 0	24,378,069	23.446.821	32,921,820
1983 \$ Total	400	3,720,202	6,996,681	8 551 655	000,000	016,202,01	23,061,419	20.165.875	23 288 242	21.3,002,00	23.277,864	33,345,019	30 940 050	00000000	35,912,464	31,436,738		3,739,665	13.288.300	000 010 01	959,079,01	16.226.173	22,783,267
Raw Total	777	14, 700,0	4,235,279	4.954.609	270 660	600,000,000	12,080,356	10,262,532	16 677 461	1, 000	24,222,543	36.087.683	44 080 817	0000	41,565,352	38.478.260	040 040	20.9/3.243	19,175,036	26 442 003	20,443,003	27,179,520	41,050,931
Durham P-A	61 031	20,10	86,649	37,558	20 397	200	900,80	84,212	180.368	24.574	1/0'47	255,996	549 475	0 0	38,602	217.204	1484	7	106,322	154 248	017.	12,004	16,365
Orange P.A	44 600	00.	0	54,959	30.379		>	0	C		>	15,855	607 647		>	15,931	52.073	2,0,70	58,155		•	623	0
Durham Trust	c	•	0	0	c	•	>	0	0		>	0	C	• (>	0	•	•	432,992	488 525	100,000	889,215	419,043
Orange Trust	c	•	>	0	C		•	0	0	•	•	0	O		•	0	c		428,306	920 489		557,912	499,521
Durham Bond	25.914	0,0	41,410	694,176	1.628.278	930 150	001.00	152,198	463,372	1 151 728	7	983,941	298.168	84 205	000	46,925	19 740		0.	C	•	9	0
Orange Bond	14.713	47.000	00,5	399,527	302.725	288 002	9 10 10 10 10 10 10 10 10 10 10 10 10 10	127,595	48,679	37 912	2	0	18,981	AAC CA	117.00	52,457	a		3	0	•	•	0
Durham State	1.438.391	1 720 086	200,00	1,348,254	1,223,216	373 894		533,524	953,662	1.173.844		854,244	1,414,192	1 612 ESB		011,8/7,8	4.520.049		のし、/すから	5,690,903	000	Z,830,/30	5,650,438
Orange State	743,800	309 201	200	402,670	362,456	205.571	4000	470,846	534,468	688.451	000	858'38/	895,297	736 608	100,000	0,50,0,0,1	1,741,506	440.000	720,0	1,030,158	600	0.000	740,203
	927,883	785 082	1000	098'96/1	4,586,246	8,247,996	200 604	0,707,001	11,609,502	16.746.934	24 220 104	41,430,761	21,260,454	29,186,594	40 275 040	040'070'71	11,775,178	0 636 400	001	7,995,313	44 BAE 10E	001,000	21,889,964
Orange Fed Aid Durham Fed Ai	2,803,080	1,206,035	20000	500,002	224,872	1,728,256	274 478	0/4/107/7	2,887,410	4,389,103	11 064 037	30'toe'	19,036,603	9.874.341	20 415 455	10,110,100	7,767,236	4 547 034	20, 10, 1	10,163,367	10 242 192	10,111,101	11,835,397
Year	1977	1978	4070	0	1980	1981	1982	700-	1983	1984	1085	000	1986	1987	1088	2	1989	400	3	1881	1997	1 6	588
Total Population	221,200	223,200	227 200	203,123	229,290	232,596	234 RGO	000	707'967	242,180	247 533	000	254,623	260,465	265 540	7	2/1,419	275 705	1 0	264,475	287 585	200 700	C0/'7£7
Durham T Population F	148,000	149,100	151 300	0 0	152,235	154,741	156.273	100	102,001	160,906	163 952	70700	155,481	172,472	175 152	100	1/8/8/1	181,854	0.00	00,4,00	187.911	101 026	000'161
Orange Population	73,200	74,100	75 900	0 0	cc0'//	77,855	78 617	1000	100,00	81,274	83.581	0 0	90,132	87,993	90.388	674 60	84,543	93.851	100	207'06	99.674	100 000	676,001





COUNTY DURHAM

Fiscal Year	Construction	
1990	\$12.227.647	
1991	\$12.656.760	
1992	\$14.836.004	
1993	\$27.460.327	
1994	\$33.693.431	
1995	\$30.716.071	•
1996	\$27.149.701	
1997	\$21.922.282	
1998	\$21.591.645	
1999	\$26.204.670	
2000	\$36.953.200	
Total:	\$265.411.737	



COUNTY ORANGE

Fiscal Year	Construction		
1990	\$6.388.099		
1991	\$15.330.168		
1992	\$12.105.137		
1993	\$13.373.472		
1994	\$18.700.763		
1995	\$20.036.406		
1996	\$12.723.789		
1997	\$11.472.832		
1998	\$10.607.145	r	
1999	\$11.277.132		
2000	\$11.534.418		
Total:	\$143.549.360		



COUNTY CHATHAM

Fiscal Year	Construction
1990	\$8.034.238
1991	\$6.873.218
1992	\$5.164.590
1993	\$5.543.064
1994	\$8.165.550
1995	\$11.980.029
1996	\$18.534.264
1997	\$32.279.572
1998	\$32.696.116
1999	\$40.159.044
2000	\$21.307.205
Total:	\$190.736.890

AGENDA #4k

MEMORANDUM

TO:

Mayor and Council

FROM:

W. Calvin Horton, Town Manager

SUBJECT:

Update on Durham-Chapel Hill 2025 Regional Transportation Plan

DATE

October 22, 2001

This memorandum reviews the anticipated schedule (Attachment 1) for completing the Durham-Chapel Hill-Carrboro 2025 Regional Transportation Plan. This schedule has been prepared by the staff of Metropolitan Planning Organization. The attached resolution would request the Transportation Advisory Committee provide additional opportunities for public comment in the schedule.

BACKGROUND

The Durham-Chapel Hill-Carrboro Urban Area is currently preparing a 2025 Regional Transportation Plan as required by federal transportation and air quality regulations. This Plan includes an assessment of roadway, transit, bicycle and pedestrian system to be implemented through 2025 to maintain mobility within the region and meet regional air quality standards.

The Council's last action with regard to the 2025 Plan was in March, 2001. At that time the Council revised the Chapel Hill 2025 housing and employment projections (Attachment 2). It was anticipated at that time that the 2025 Plan would be completed by November, 2001. Continuing refinements of the Regional Transportation Model and staff turnover has delayed the completion of the 2025 Plan.

On October 10, 2001 the Transportation Advisory Committee reviewed and approved a revised schedule for completing the 2025 Plan (Attachment 1). This schedule has been provided for your information.

DISCUSSION

The schedule reviewed and adopted by the Transportation Advisory Committee proposes to adopt a final draft 2025 Plan by May, 2002. This draft Plan would then be analyzed by federal and State transportation and air quality agencies to determine conformity with federal air quality regulations. The final approval of the 2025 Plan by the Transportation Advisory Committee is anticipated by December, 2002. Federal air quality conformity guidelines require the approval of a 2025 Plan by December, 2002.

Regional staff is currently analyzing fourteen Tier 2 composite alternatives (Attachment 3). The Tier 2 alternatives, B4 on the schedule, were endorsed by the Transportation Advisory

Committee on October 10, 2001. The Tier 2 alternatives were derived from the Tier 1 analysis of 60 separate transportation alternatives. The analysis of the Tier 2 alternatives will result in the identification of three final draft alternatives.

We note that although the adopted schedule proposes a public comment period on the draft 2025 Plan in March, 2002, there are other milestones proposed that could be considered for public comment earlier in the process. We believe it would useful to allow public comment at those points where the Transportation Advisory Committee reviews the analysis of different alternatives. It is anticipated that in December, 2001, the Transportation Advisory Committee will be presented with the analysis of the fourteen alternatives approved in October by the Committee.

We suggest that the results of the Tier 2 analysis be made available for review and comment by the public. We also suggest a similar public comment period in February, 2002 when the analysis of the three final alternatives is available.

NEXT STEPS

We will provide the Council with periodic updates on the status of the 2025 Plan and related analysis. We anticipate scheduling opportunities for Council review and public comment if the Transportation Advisory Committee agrees to the Council's request for additional public comment. We also expect to schedule opportunities Council review and public comment after release of the draft 2025 Plan, anticipated now in March or April, 2002.

MANAGER'S RECOMMENDATION

We recommend approval of the attached Resolution requesting the Transportation Advisory Committee provide a public comment period to review the analysis of the fourteen Tier 2 alternatives and the three final draft alternatives. We note that in order to allow the Town Council the opportunity to review and comment on the analysis of Tier 2 alternatives, expected to be released in December, 2001, the public comment period would have to extend through January, 2002.

ATTACHMENTS

- 1. Revised (10-1-01) DCHC 2025 Transportation Plan Schedule Highlights (p. 4).
- 2. March 26, 2001 Council memorandum (p. 6).
- 3. TCC Recommended Alternatives to Tier 2 (p.13).



A RESOLUTION REQUESTING THAT THE DURHAM-CHAPEL HILL-CARRBORO TRANSPORTATION ADVISORY COMMITTEE PROVIDE ADDITIONAL OPPORTUNITIES FOR PUBLIC COMMENT AS PART OF THE DEVELOPMENT OF THE 2025 REGIONAL TRANSPORTATION PLAN (2001-10-22/R-7)

WHEREAS, the Durham-Chapel Hill-Carrboro Transportation Advisory Committee is preparing a 2025 Transportation Plan; and

WHEREAS, as part of the development of the 2025 Plan the Transportation Advisory Committee is analyzing alternative transportation scenarios; and

WHEREAS, the Council of the Town of Chapel Hill recommends that the public be given the opportunity to comment on important milestones of the 2025 Plan as they are being developed;

NOW, THEREFORE BE IT RESOLVED by the Council of the Town of Chapel Hill that the Council requests the Transportation Advisory Committee provide additional public comment periods for the review of analysis of the Tier 2 alternatives and the final three alternatives.

BE IT FURTHER RESOLVED, that the Council requests that the public comment period for the Tier 2 alternatives extend through January, 2002.

This the 22nd day of October, 2001.

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Revised (10-1-01) (6) DCHC 2025 Transportation Plan

Schedule Highlights

	T-1		
	Task	Time	Status
A	Plan Schedule revised, Milestones, and Critical Paths Identified		Complete
В	Deficiency Analysis / Purpose and Need		Complete
	Analysis of Existing Condition (Version 2.0		
	Triangle Regional Model)		
1	Transit Refinement		Complete
	(Model Recalibration)		Complete
2	Highway & Transit Network Update (All		Complete
	Alternatives)		
3	Run Model and Generate Forecast for 60		Complete
	alternatives (Quick Scan)		
4	Alternative Evaluation Analysis (Target		To be done by Public, CAC, & TCC.
<u> </u>	10 to 15)		Recommendation to TAC in September.
5	Development of Environmental Screening		Complete
	Overlays Development of Environmental Justice	1	
<u>_</u>	Overlays		
6	Development of Transportation Systems Cost Database	Nov-01	Draft to TCC in October
-			
7 8	Generation of Preliminary Revenue Forecasts Bike and Pedestrian Evaluation	Nov-01	Draft to TCC in October
9	Analysis of Public Transportation Issues &	Dec-01 Nov-01	GIS Information
	Trends	100V-01	Draft to TCC in October
10	Environmental Screening / Environmental	Dec-01	Tier-2 Evaluation
'	Justice of Tier-2	Dec-01	Her-2 Evaluation
11	Consideration of TEA-21 Planning Factors	Dec 01	Tier-2 results
12	Air Quality Analysis (Preliminary)	Dec 01	Tier-2 results
13	Recommendations for Preliminary Preferred	Jan-02	
	Options (3 Alternatives)		
14	Preferred System Analysis (Regional	Feb-02	
1	Performance, MPO performance, and Sub-		
	Area/Corridor performance)		
15	Analysis of Modal System Strategy	Mar-02	
	Roadway System Strategy		
ļ	Freight System Strategy		
ļ	Transit System StrategyITS System Strategy		
	TDM System Strategy		
<u> </u>	Bike / Pedestrian System Strategy		
40			
16 17	Environmental Impacts	Mar-02	
	Development of Financial Plan Land Use Impacts and Strategy	Mar-02	
	Plan Implementation/Action Plan	Mar-02 Mar-02	
	Draft TP - Public Comment	Mar-02 Mar-02	
	Adopt 2025 Plan (TAC)	May-02	
	Air Quality Conformity	may-02	
22	Final Plan Report Writing /	Jan - Mar 2002	
1	Generation of Maps-Graphics		
	Air Quality Determination	May-02	
24	Air Quality Finding by TAC	Nov-02	
25	Air Quality Conformity approval by USDOT	May - Dec 2002	
	approved by Copie	way - Dec 2002	

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