

## Solution Evaluation Worksheet – Navigation & Transportation

### Instructions:

Please complete the following solution evaluation worksheet using the criteria explained on the next page. You can choose to evaluate the solutions from your subcommittee in addition to the cross-cutting issues, or choose to evaluate all of the solutions. Note that some solutions were rearranged to avoid duplication, so if you only examine those from your own subcommittee please still skim the rest to see if any others are relevant to your work thus far.

As we continue to streamline our recommendations, we will change the language of these objectives and solutions and can continue to rearrange them as we see fit. We also removed the following problems and solutions from our list as they are overarching ideas and are indirectly addressed within the remaining problems and solutions:

Removed Problem: Need public transportation services for people with a range of abilities (able-bodied older adults and people with disabilities)

Removed Solution: Establish a 3-tiered system (door-through-door, bus, express runs).

Removed Problem: Need to plan for increased assistance for the Medicare/Medicaid eligible population.

Removed Solution: Recognize that this population is limited in income and account for this in other solutions (e.g. rider fees).

Please **bring this sheet with you to Meeting 4**, where we will discuss your thoughts. At the end of Meeting 4, we will collect your sheets and average them. This information and discussion will then be provided to you to help you prioritize our solutions in a survey after the next meeting.

### **Explanation of Evaluation Criteria:**

**Importance** – is this proposed solution a priority right now? Are there more pressing solutions to this problem that, in your assessment, take precedence over this solution? Please indicate a score of low, medium, or high. A score of “low” signifies that this is a solution of minor importance while a score of “high” indicates that this solution is very important and addresses pressing concerns.

**Reach** – asks how much of the population of older adults in Orange County will this impact? Please indicate a score of low, medium, or high. A score of “low” signifies that the solution will impact a limited number of people (for example, only residents in a certain neighborhood). A score of “high” indicates that this solution will have an impact on all Orange County older adults.

**Equity** – asks if this solution specifically addresses the needs of particular subgroups of the population (i.e. certain income levels, vulnerable populations, Medicaid recipients, refugees, etc.)? Please indicate a score of low, medium, or high. A score of “low” signifies that this solution does not specifically address the needs of a particular subgroup(s). A score of “high” indicates that this solution will have a significant impact on the needs of a particular subgroup(s).

**Feasibility** – asks how difficult will this project be to implement? Does it require a lot of political will or advocacy? Does it require a lot of staff, resources, funds, and/or expertise? Are there existing programs, services, or organizations that it can be incorporated into? If funds are needed, is funding available? Please indicate a score of low, medium, or high. A score of “low” signifies that this solution will be difficult and/or challenging to implement while a score of “high” indicates that this solution can be implemented with minimal difficulty, perhaps because it draws upon existing resources and/or has a lot of community support.

**Efficacy** – asks how effective this solution is at addressing the problem listed above. There are a number of questions you could ask that may or may not be relevant to a particular solution: Does it have an impact in addressing the entirety of the problem or does it just make a small dent? Has this solution been shown to be effective in other places? Among the solutions we have identified to address this problem, are there other solutions that may be more effective? Does it create long-lasting, sustainable change (for example, a far reaching policy)? Please indicate a score of low, medium, or high. A score of “low” signifies that this solution is mildly effective while a score of “high” indicates that this solution is very effective in addressing the problem stated above.

**ST, MT, LT** – stands for short-term, medium-term, and long-term. Please indicate whether you believe this is a short-term (ST) solution (within one year), medium-term (MT) solution (two to five years), or long-term solution (greater than five years).

**Agency Responsible** – asks which agency, individual, or organization should be responsible and/or involved with the implementation of this solution. You may list more than one. You may also indicate that the creation of a new organization or group is necessary.

**Additional notes** – please explain your scores and provide any additional comments or questions to pose to the work group

**SUBCOMMITTEE: PUBLIC TRANSPORTATION**

**Problem:** Need to expand public transportation system into rural areas of Orange County

Potential Solution	Importance (low, med, or high)	Reach (low, med, or high)	Equity (low, med, or high)	Feasibility (low, med, or high)	Efficacy (low, med, or high)	ST, MT, LT (pick one)	Agency Responsible
<ul style="list-style-type: none"> <li>Partner with OPT to provide special trips like those offered by TTA and CHT.</li> </ul>							
Additional notes:							
<ul style="list-style-type: none"> <li>Develop a real-time pick-up service.</li> </ul>							
Additional notes:							
<ul style="list-style-type: none"> <li>Provide once-a-week bus transportation for rural areas (based on the market day idea).</li> </ul>							
Additional notes:							
<ul style="list-style-type: none"> <li>Create a map with all Orange County navigation and transportation routes.</li> </ul>							
Additional notes:							

Potential Solution	Importance (low, med, or high)	Reach (low, med, or high)	Equity (low, med, or high)	Feasibility (low, med, or high)	Efficacy (low, med, or high)	ST, MT, LT (pick one)	Agency Responsible
<ul style="list-style-type: none"> <li>Create a program where clients pool to share a ride on a bus or van. This could be modeled after TTAs existing vanpool program.</li> </ul>							
Additional notes:							
<ul style="list-style-type: none"> <li>Support the establishment of centralized park and ride lots with shuttle services, like those proposed in the Rural CTP, for rural areas, such as Eno and Efland Cheeks townships.</li> </ul>							
Additional notes:							

**Problem:** Need to ensure EMS can reach rural area residents during weather emergencies.

<ul style="list-style-type: none"> <li>Create a buddy system for use in weather emergencies, especially for rural area residents.</li> </ul>							
Additional notes:							
<ul style="list-style-type: none"> <li>Have portable generators at the senior centers and elsewhere in the county.</li> </ul>							
Additional notes:							

**Problem:** Need connections between senior centers and other businesses at midday.

Potential Solution	Importance (low, med, or high)	Reach (low, med, or high)	Equity (low, med, or high)	Feasibility (low, med, or high)	Efficacy (low, med, or high)	ST, MT, LT (pick one)	Agency Responsible
<ul style="list-style-type: none"> <li>Relocate nearby bus stops to be closer to the senior centers.</li> </ul>							
Additional notes:							
<ul style="list-style-type: none"> <li>Establish partnerships with private transportation providers. These partnerships could involve destination businesses, taxi providers, or providers who already offer group excursions. Paid drivers could transport groups of people from rural areas to shopping areas.</li> </ul>							
Additional notes:							

**Problem:** Need connections to other counties and areas of the Triangle region.

<ul style="list-style-type: none"> <li>Expand TTA's RTP route schedules</li> </ul>							
Additional notes:							

**Problem:** Need weekend transportation options.

Potential Solution	Importance (low, med, or high)	Reach (low, med, or high)	Equity (low, med, or high)	Feasibility (low, med, or high)	Efficacy (low, med, or high)	ST, MT, LT (pick one)	Agency Responsible
<ul style="list-style-type: none"> <li>Support existing programs in protecting and expanding their current weekend schedules.</li> </ul>							
Additional notes:							

**SUBCOMMITTEE: DRIVING**

**Problem:** Need to keep people driving safely for as long as possible.

<ul style="list-style-type: none"> <li>Support expansion of number of handicapped parking spaces.</li> </ul>							
Additional notes:							
<ul style="list-style-type: none"> <li>Support placement of street signs above intersections and mid-block before intersections.</li> </ul>							
Additional notes:							
<ul style="list-style-type: none"> <li>Support maintenance of lane markings.</li> </ul>							
Additional notes:							

Potential Solution	Importance (low, med, or high)	Reach (low, med, or high)	Equity (low, med, or high)	Feasibility (low, med, or high)	Efficacy (low, med, or high)	ST, MT, LT (pick one)	Agency Responsible
<ul style="list-style-type: none"> <li>Advocate to UNC Highway Research Center and AARP to promote/increase the national standard for crosswalk time.</li> </ul>							
Additional notes:							
<ul style="list-style-type: none"> <li>Support the increase of crosswalk time at the county level.</li> </ul>							
Additional notes:							
<ul style="list-style-type: none"> <li>Advocate including a button to press for additional crossing time and/or mechanisms to alert drivers to crossing pedestrians in the Manual on Uniform Traffic Control Devices (MUTCD).</li> </ul>							
Additional notes:							
<ul style="list-style-type: none"> <li>Support changing traffic patterns at busy intersections to allow all pedestrians to cross in any direction at one time.</li> </ul>							
Additional notes:							

Potential Solution	Importance (low, med, or high)	Reach (low, med, or high)	Equity (low, med, or high)	Feasibility (low, med, or high)	Efficacy (low, med, or high)	ST, MT, LT (pick one)	Agency Responsible
<ul style="list-style-type: none"> <li>Establish senior driving wellness programs that address the driving task, the driver, and the social environment.</li> </ul>							
Additional notes:							
<ul style="list-style-type: none"> <li>Support existing volunteer driver programs (e.g. Friend-to-Friend, A Helping Hand).</li> </ul>							
Additional notes:							
<ul style="list-style-type: none"> <li>Start a Share-a-Ride program.</li> </ul>							
Additional notes:							



Potential Solution	Importance (low, med, or high)	Reach (low, med, or high)	Equity (low, med, or high)	Feasibility (low, med, or high)	Efficacy (low, med, or high)	ST, MT, LT (pick one)	Agency Responsible
<ul style="list-style-type: none"> <li>Start an ITN America affiliate.</li> </ul>							
Additional notes:							
<ul style="list-style-type: none"> <li>Expand the Red Cross volunteer driver service from Durham County into Orange County through increasing funding and volunteer membership.</li> </ul>							
Additional notes:							
<ul style="list-style-type: none"> <li>Establish guidelines, using the Beverly Foundation as an information source, and provide trainings on volunteer driving.</li> </ul>							
Additional notes:							
<ul style="list-style-type: none"> <li>Promote the creation of a tunnel in Chapel Hill on Columbia near Pittsboro to manage pedestrian traffic.</li> </ul>							
Additional notes:							

Potential Solution	Importance (low, med, or high)	Reach (low, med, or high)	Equity (low, med, or high)	Feasibility (low, med, or high)	Efficacy (low, med, or high)	ST, MT, LT (pick one)	Agency Responsible
<ul style="list-style-type: none"> <li>Support the establishment of Complete Streets policies that account for the needs of older adults at the state, county, and municipal levels.</li> </ul>							
Additional notes:							
<ul style="list-style-type: none"> <li>Establish a travel training program through the Easter Seals Project ACTION. Could pair students in the geriatric certificate program with older adults who are moving away from driving to alternative means of transportation.</li> </ul>							
Additional notes:							
<ul style="list-style-type: none"> <li>Seek funding from the National Center for Senior Transportation that is sponsored through the Easter Seals Project ACTION.</li> </ul>							
Additional notes:							

Potential Solution	Importance (low, med, or high)	Reach (low, med, or high)	Equity (low, med, or high)	Feasibility (low, med, or high)	Efficacy (low, med, or high)	ST, MT, LT (pick one)	Agency Responsible
<ul style="list-style-type: none"> <li>Establish a travel training program through the Easter Seals Project ACTION. Could pair students in the geriatric certificate program with older adults who are moving away from driving to alternative means of transportation.</li> </ul>							
Additional notes:							

**SUBCOMMITTEE: WALKABILITY**

**Problem:** Need to connect existing infrastructure in both urban and rural parts of the county.

<ul style="list-style-type: none"> <li>Conduct needs assessments on a constant basis to create coordinated planning recommendations that consider multiple modes of transportation. These assessments could be in the form of Transportation Health Impact Assessments through the CDC, for example.</li> </ul>							
Additional notes:							
<ul style="list-style-type: none"> <li>Support the development of parking structures instead of parking lots, particularly in University Mall and Ram's Plaza areas.</li> </ul>							
Additional notes:							

Potential Solution	Importance (low, med, or high)	Reach (low, med, or high)	Equity (low, med, or high)	Feasibility (low, med, or high)	Efficacy (low, med, or high)	ST, MT, LT (pick one)	Agency Responsible
<ul style="list-style-type: none"> <li>Connect the shopping centers around University Mall with sidewalks.</li> </ul>							
Additional notes:							
<ul style="list-style-type: none"> <li>Connect the shopping centers around University Mall with skywalks.</li> </ul>							
Additional notes:							
<ul style="list-style-type: none"> <li>Support completion of incomplete sidewalks, particularly in urban areas.</li> </ul>							
Additional notes:							
<ul style="list-style-type: none"> <li>Promote the widening of sidewalks.</li> </ul>							
Additional notes:							

Potential Solution	Importance (low, med, or high)	Reach (low, med, or high)	Equity (low, med, or high)	Feasibility (low, med, or high)	Efficacy (low, med, or high)	ST, MT, LT (pick one)	Agency Responsible
<ul style="list-style-type: none"> <li>Develop sidewalk infrastructure within rural neighborhoods and around UNC Hillsborough Hospital/Durham Tech Campus. Could use alternative materials to do so to address cost issues.</li> </ul>							
Additional notes:							
<ul style="list-style-type: none"> <li>Support development of more bike lanes, especially in the northern part of the county.</li> </ul>							
Additional notes:							
<ul style="list-style-type: none"> <li>Examine the ADA standards for new construction and existing areas. If possible and missing, advocate for developments to be responsible for connecting the surrounding properties with sidewalk.</li> </ul>							
Additional notes:							

Potential Solution	Importance (low, med, or high)	Reach (low, med, or high)	Equity (low, med, or high)	Feasibility (low, med, or high)	Efficacy (low, med, or high)	ST, MT, LT (pick one)	Agency Responsible
<ul style="list-style-type: none"> <li>Bring all sidewalks, including old construction, up to ADA standards.</li> </ul>							
Additional notes:							
<ul style="list-style-type: none"> <li>Promote the creation of pedestrian islands like those on MLK throughout the county.</li> </ul>							
Additional notes:							
<ul style="list-style-type: none"> <li>Promote modeling of building requirements after Atlanta City, which has golf cart accessibility.</li> </ul>							
Additional notes:							
<ul style="list-style-type: none"> <li>Support creation of a centralized transit hub, perhaps around I-40 and I-85. This would be modeled after Meadowmont and Southern Village. A barrier could be restrictions like the rural buffer requirements.</li> </ul>							
Additional notes:							

**Cross-cutting Issue:** Affordability/Economic Concerns

**Problem:** Need both long-term and short-term funding sources.

Potential Solution	Importance (low, med, or high)	Reach (low, med, or high)	Equity (low, med, or high)	Feasibility (low, med, or high)	Efficacy (low, med, or high)	ST, MT, LT (pick one)	Agency Responsible
<ul style="list-style-type: none"> <li>The OCDOA and other agencies should apply for available state funds, especially Section 5310 and Section 5317, but also Section 5316.</li> </ul>							
Additional notes:							
<ul style="list-style-type: none"> <li>Transportation services could receive funding from the ½ cent sales tax.</li> </ul>							
Additional notes:							
<ul style="list-style-type: none"> <li>Increase rider fees (while accounting for low income populations) for public transportation services.</li> </ul>							
Additional notes:							
<ul style="list-style-type: none"> <li>Create zones of cost for public transportation rider fees.</li> </ul>							
Additional notes:							

Potential Solution	Importance (low, med, or high)	Reach (low, med, or high)	Equity (low, med, or high)	Feasibility (low, med, or high)	Efficacy (low, med, or high)	ST, MT, LT (pick one)	Agency Responsible
<ul style="list-style-type: none"> <li>Find sustained funding for the Hillsborough Circulator and EZ Rider Senior Shuttle services.</li> </ul>							
Additional notes:							

**Problem:** Need to coordinate plans between the various county, town, and other regional departments.

<ul style="list-style-type: none"> <li>Hire an OCDOA mobility manager (who could also help with other problems like information dissemination)</li> </ul>							
Additional notes:							
<ul style="list-style-type: none"> <li>Involve the OCDOA in the Orange County Unified Transportation Board (OUTBoard).</li> </ul>							
Additional notes:							



**Cross-cutting Issue:** Information Dissemination

**Problem:** Lack of available support services to assist people with identifying appropriate service for their needs.

Potential Solution	Importance (low, med, or high)	Reach (low, med, or high)	Equity (low, med, or high)	Feasibility (low, med, or high)	Efficacy (low, med, or high)	ST, MT, LT (pick one)	Agency Responsible
<ul style="list-style-type: none"> <li>Establish a central point at the senior centers to collect and disseminate information about local resources for seniors whose driving options are changing. Include education on the various roadway users. Partner with AARP and other organizations to do this.</li> </ul>							
Additional notes:							
<ul style="list-style-type: none"> <li>Partner with health services to share information on transportation and to engage the community.</li> </ul>							
Additional notes:							
<ul style="list-style-type: none"> <li>Support existing services such as NCGO.org, those offered by OPT, CHT, and TTA, and those offered by private businesses and non-profit organizations.</li> </ul>							
Additional notes:							