AGING WELL 2012

TRANSPORTATION AND TECHNOLOGY

Where are we going?
TODAY’S AGENDA INCLUDES

✓ The seniors of today in Jefferson County
✓ Transportation from the past
✓ What we thought would happen, the predictions for today
✓ What actually happened
✓ The new future?
✓ Today’s safety
✓ Aging Well, Transportation Local Coordinating Council
✓ Other area efforts
✓ Important internet information for older drivers
✓ A cognitive skill assessment test
✓ Options when you don’t drive
JEFFERSON COUNTY DRIVERS

- Between 2000 and 2020 the senior population will increase from 51,000 to 109,000 in Jefferson County.
- In the over 65 age group, 95% will continue to drive.
- There will be over 103,000 (95%) drivers 65 years or older in 2020.
A QUICK LOOK BACK AT HOW PEOPLE GOT AROUND
One choice has always been
EARLY TRANSPORTATION DIDN’T HAVE MANY OPTIONS

Single occupant vehicles

Mass transit
ANOTHER MODE TO GET YOU WHERE YOU NEEDED

Minimal occupancy

Boat mass transit
A LITTLE LATER CAME TRAINS AND THEN THE AUTO

An early train late 1800’s

The first Ford early 1900’s
MORE CARS - MEANT BETTER ROADS

- Mass production begins
- Early asphalt being laid
Denver had Street cars

Down town and neighborhoods

Sightseeing in Denver
Old brick highway in Pennsylvania

Eisenhower era – Interstates evolved
SPEED, PAVED ROADS, MORE SPEED = A NEED FOR SAFETY

Ouch!

Highway crash 1940’s
SAFETY BECAME A SERIOUS CONCERN

A basic seatbelt

Became a 3 point safety belt
SAFETY IMPROVED EVEN MORE

Headrests

Crash test dummies
What were we told to expect?
PREDICTIONS FROM THE 1950’S

Nice cool cars

Nice cities
MAYBE

Flying cars

Cities without cars
ALL MODES WERE COVERED

Car Cycles?

RTD’s future bus and rail?
THAT HASN'T HAPPENED – THIS DID

Freeways

Faster trains
AND OF COURSE, AIRPLANES

To go farther, faster

Is everyone happy?
Where we are at today
CHOICES FOR GETTING AROUND ARE

Worst to best choices

How fast and far can you
Now what is in the future?

Bicycles…?

Trucks
A NEW SPIN ON LIGHT RAIL

Mag lev systems

Hanging cabled cars
TODAY'S SMART CAR
Tomorrows multi directional car

Personal vehicle
Some of today's CONCEPT vehicle plans

Volkswagen

Audi
GM AND FORD CONCEPTS

From Ford

The EN V from GM
Driver safety has been a topic yesterday, today and tomorrow.

1940 Popular Driver
Safety concerns

Crash test dummies
used today
VEHICLES CAN NOW INCLUDE

Airbags everywhere

Protected passenger compartments
Vehicles have options designed to make driving safer and easier to drive for everyone.

- Backup cameras
- Built in GPS
SOME OF THE VEHICLE OPTIONS AVAILABLE TODAY:

- Anti lock brakes
- Traction control and all wheel drive
- Parallel parking assist
- Auto dimming rear view mirrors
- Electronic stability control
- Dual speed airbags
- Blind spot warnings
- Heads up instrument display
- Proximity detector when backing
- Intelligent and integrated seat belts
- Night vision systems, headlights that turn
- Radar to let you know when you are close or drifting in your lane
- A vibrating seat alert
New signage and road marking to improve safety

10 year implementation, some areas are adopting the changes quicker and some states have their own but still must comply with Federal standards
HIGHWAY DESIGN CHANGES

A “diamond” interchange
Approved for Arizona
Everyone is beginning to learn the technology available today.

You can get anything you want online. Information and training tools are there for Baby Boomers who are aging and face head on age related safety issues.
Local and area Transportation Coordinating Councils

- Jeffco LCC – Evolution of the workgroup
  - Advocacy
  - The White Paper
  - Gap analysis
  - Currently helping RTD with new call-n-Rides

- DRMAC a regional CC
  - Getting there Guide
  - Transit Options
  - I & A call center
  - www.drmac-co.org
AARP has information and training available for folks over 50 and you don’t need to be a member

AAA has developed tools for older drivers

Both agencies encourage open discussion when a parent needs to restrict or stop driving
AARP and a SMART driver

- Seatbelts save lives, 85% usage nationally, reduce injuries by 45% when properly worn.
- Medications; RX and OTC can negatively effect driving
- Adverse weather; slow down turn on lights, add distance
- Right of way; left turns(35%), lane changes(15%), stop signs and red lights(10%)
- Three second following rule

- AARP’s Driver Safety course, geared for older drivers and 10% discount from insurance

- www.aarp.org/states/co
AARP “WE NEED TO TALK”

- Module 1
  - The Meaning of Driving
  - Learn what driving means to older adults and the emotions involved with having to give it up.
  - Estimated time to complete Module 1: 26 minutes

- Module 2
  - Observing Driving Skills
  - Learn to observe skills objectively and talk about alternatives to driving.
  - Estimated time to complete Module 2: 19 minutes

- Module 3
  - Planning Conversations
  - Learn how to have "the talk" and identify alternative transportation to help a loved one stay connected and remain independent.
  - Estimated time to complete Module 3: 30 minutes

- AARP Home » Home & Family » Getting Around » We Need to Talk
http://seniordriving.aaa.com/

Just released in April, the new site shows the extent AAA has gone to help improve senior driving skills, assist people to assess individual abilities.

Make smart vehicle choices using the “car fit” program. 12 point checklist/15 minutes
A volunteer to try take review?

- AAA’s RoadWise Review is a cognitive assessment tool

- This could take a moment to load up so it is a good time to break and stretch your legs.

- No more than 5 minutes please
OPTIONS TO DRIVING & COSTS

The bus – $1.10
Senior rate

RTD access a Ride
Double the bus rate
Cabs and friends

$2.50 1/9 mile or a fraction thereof
$2.25 per additional mile
$0.375 each minute of waiting time
$1.00 Extra person charge

7 mile trip – one way would be $16.00

Friends and neighbors
(cookie? Or smile?)
SPECIALIZED PROVIDERS

Lakewood Rides
$3 – 8.00 round trip

SRC Transportation Services
Donation basis
By May, 2013 – **LIGHT RAIL**

**West Corridor**
Light Rail $1.10 – $2.50 sr.

Even when the weathers bad
TO GET TO LIGHT RAIL YOU CAN

- Drive your car, ride with someone else
- Ride your scooter, motorcycle or bicycle
- Catch a cab
- Take the RTD bus, or access a Ride
- Use a specialized provider
- Ride one of the call n Rides that will be servicing the area

OR
YOU CAN ALWAYS
CAUSE NO ONE WANTS TO SEE THIS
THANK YOU!!

- Hank Braaksma
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- Director of Transportation Services
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