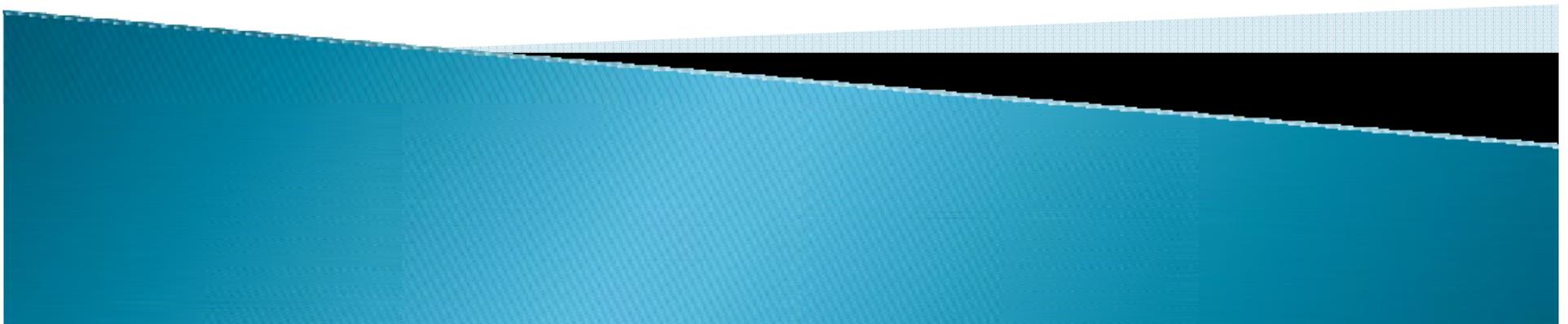


AGING WELL 2012

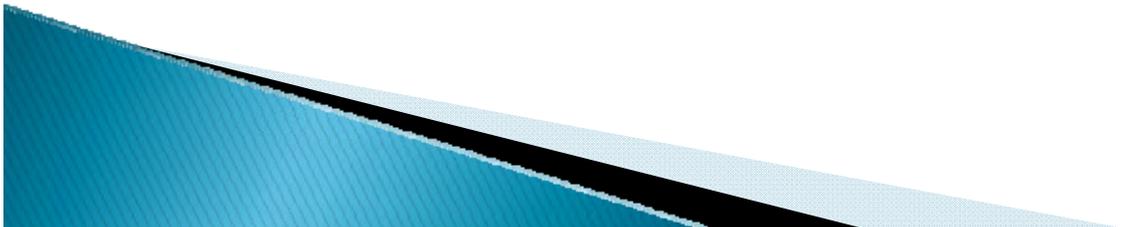
TRANSPORTATION
AND TECHNOLOGY

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



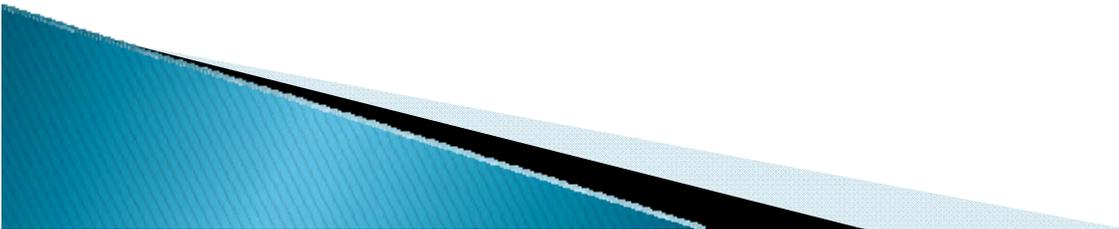
JEFFERSON COUNTY DRIVERS

- ▶ 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

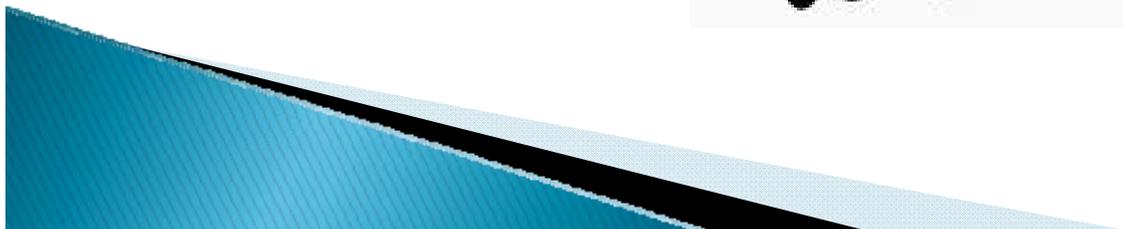
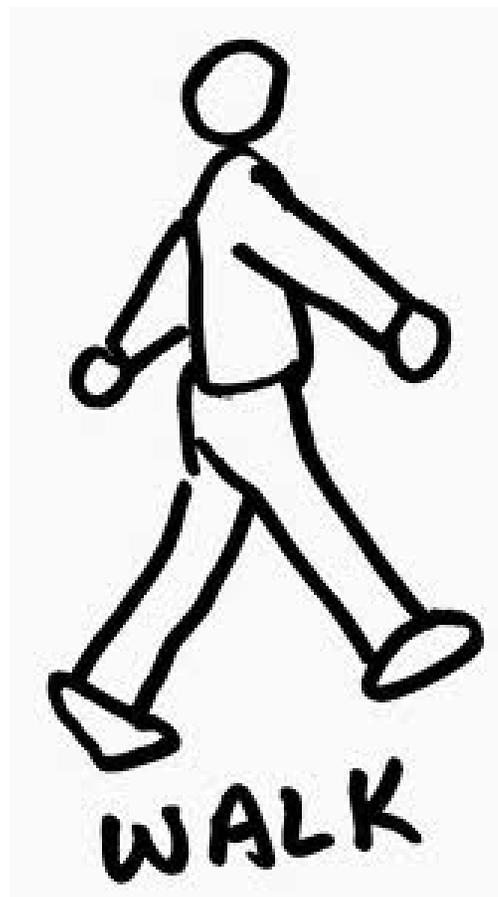


- ▶ There will be over 103,000 (95%) drivers 65 years or older in 2020

A QUICK LOOK BACK AT HOW PEOPLE GOT AROUND



One choice has always been



EARLY TRANSPORTATION DIDN'T HAVE MANY OPTIONS



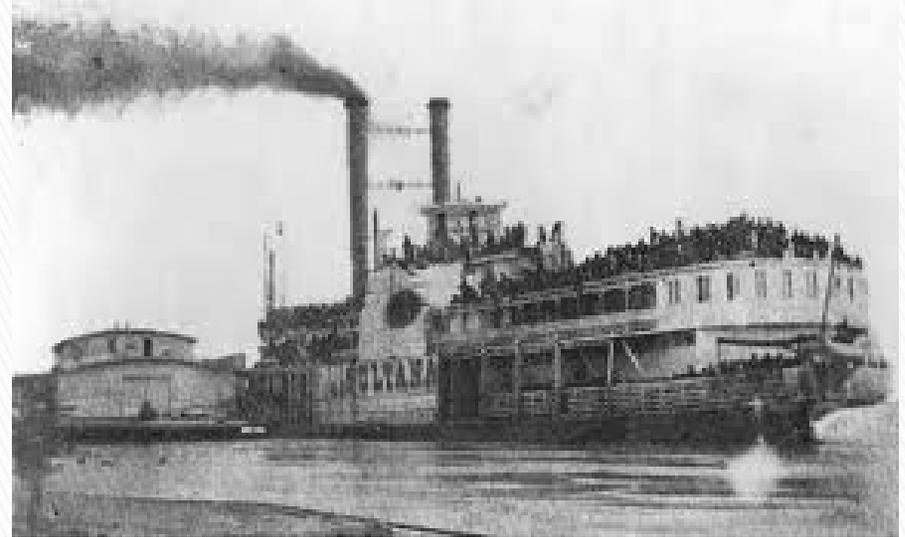
Single occupant vehicles

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

A Complete Line of Model T's to Choose From



1. Touring (Folding Top) Fully Equipped



2. Sedan (Folding Top) Fully Equipped



3. Commercial (Folding Top) Fully Equipped

Ford Car Models Supply Every Demand



4. Touring (Folding Top) Fully Equipped



5. Sedan (Folding Top) Fully Equipped



6. Commercial (Folding Top) Fully Equipped



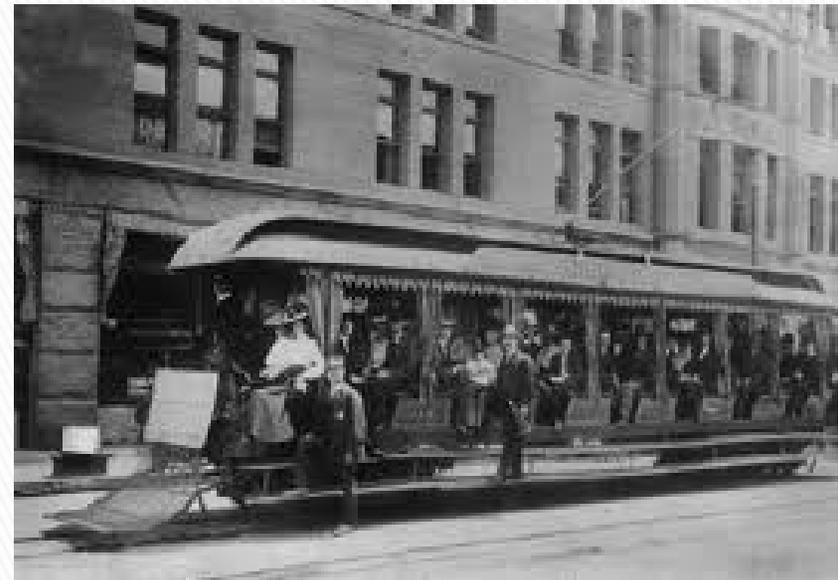
Mass production begins

Early asphalt being laid

Denver had Street cars



Down town and neighborhoods



Sightseeing in Denver

ROADS CONNECTED CITIES



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

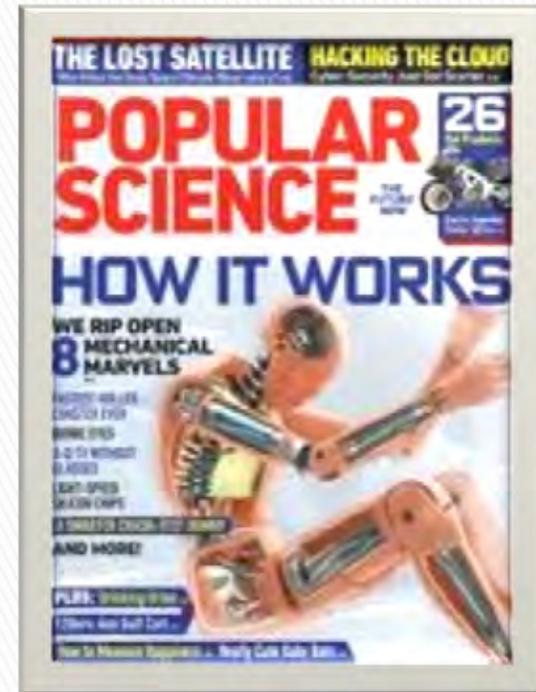


Became a 3 point safety belt

SAFETY IMPROVED EVEN MORE



Headrests



Crash test dummies

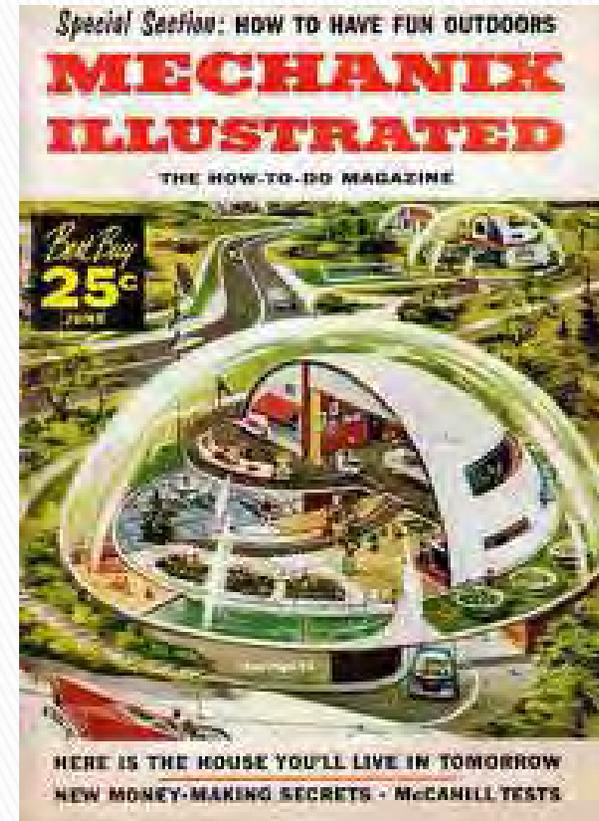
What were we told to expect?



PREDICTIONS FROM THE 1950'S

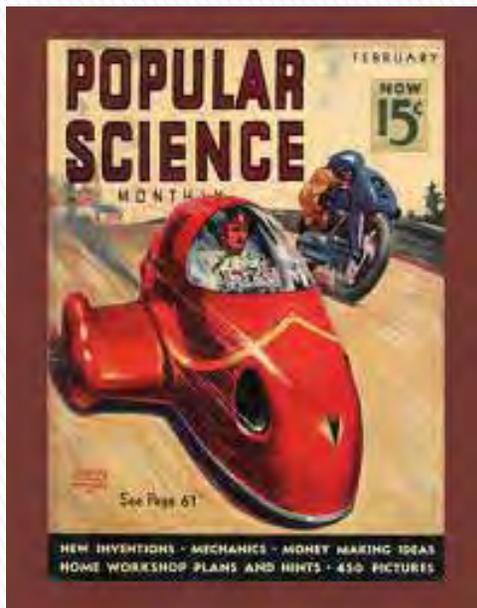


Nice cool cars



Nice cities

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

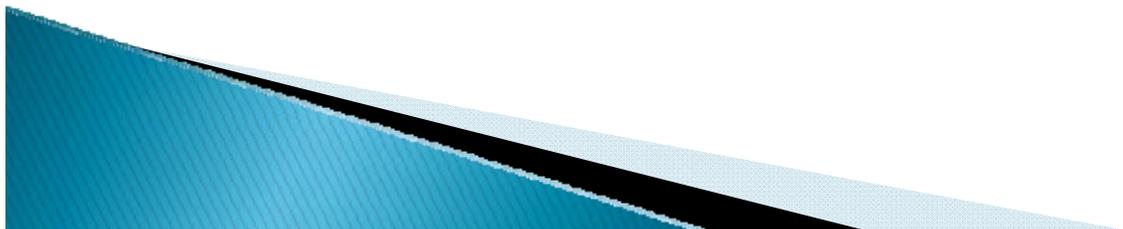


To go farther, faster



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

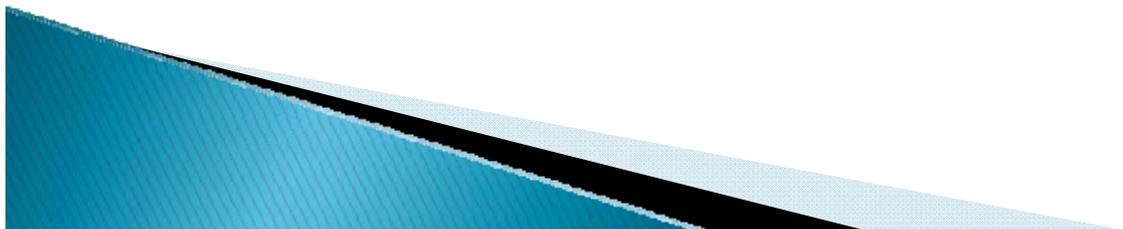


Mag lev systems



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

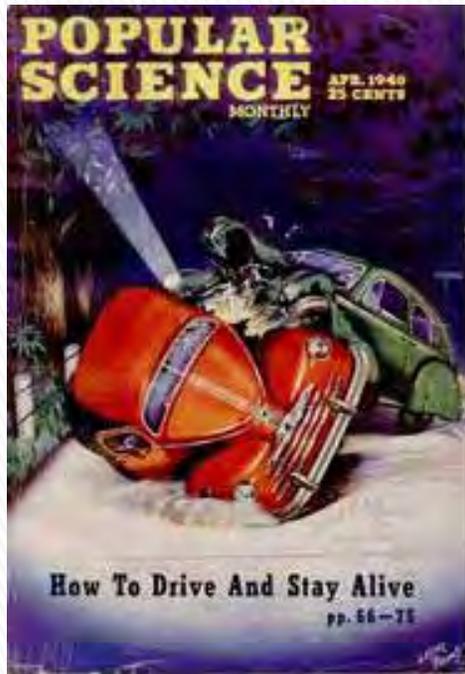


From Ford



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.



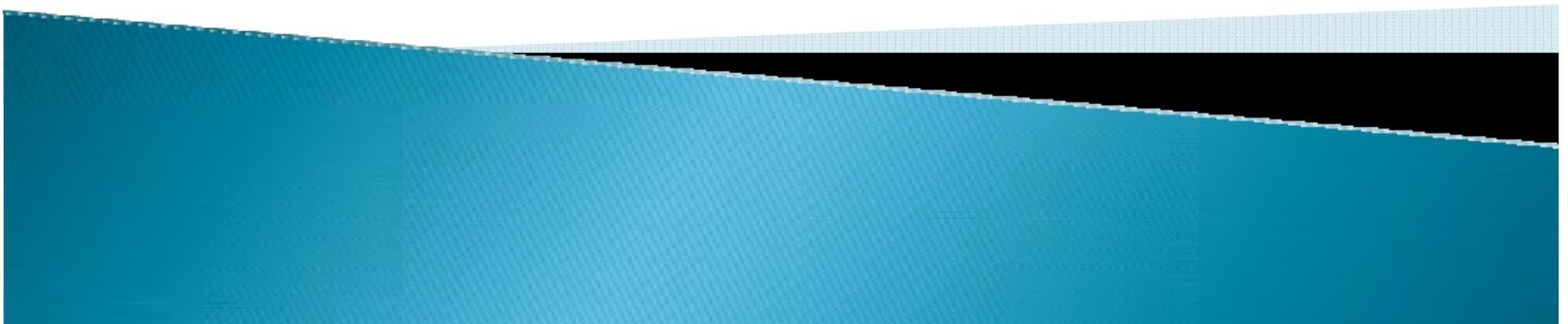
Backup cameras

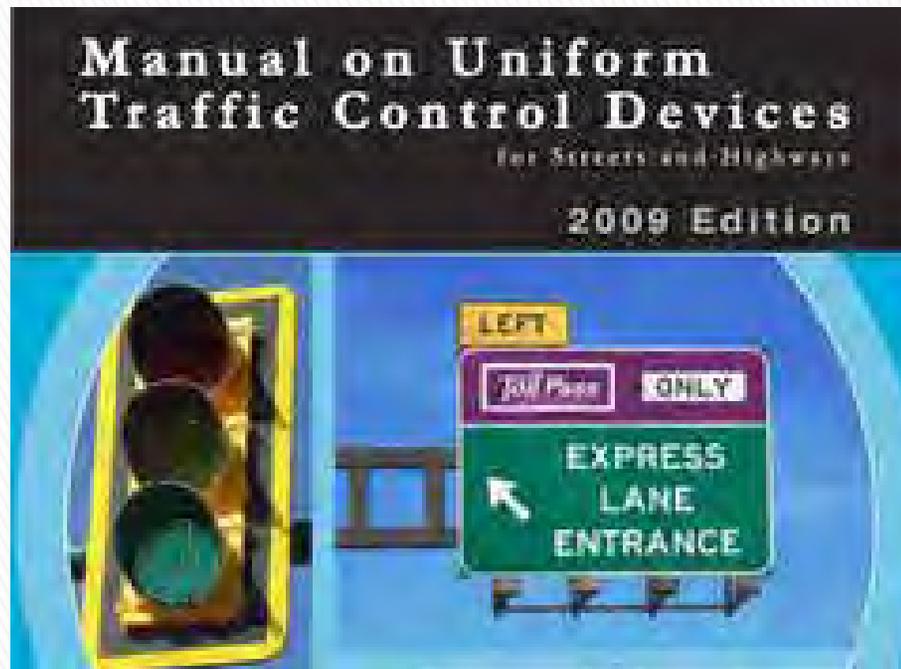


Built in GPS

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

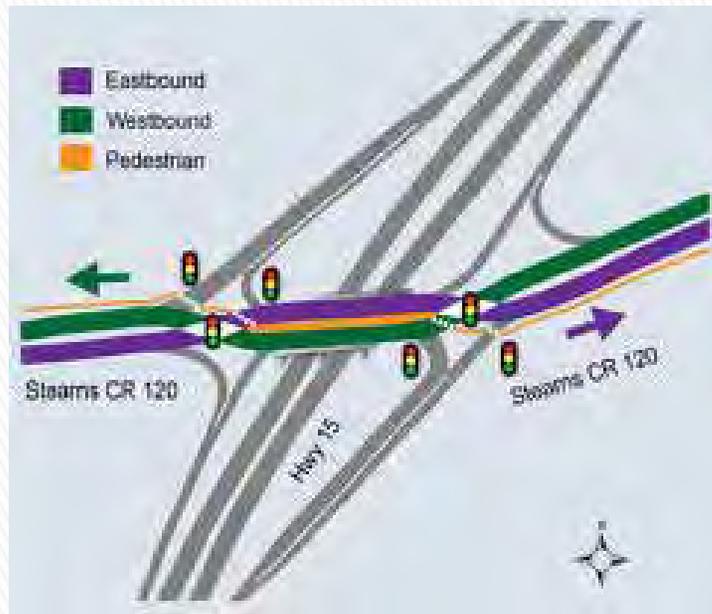




New signage and road marking to improve safety

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



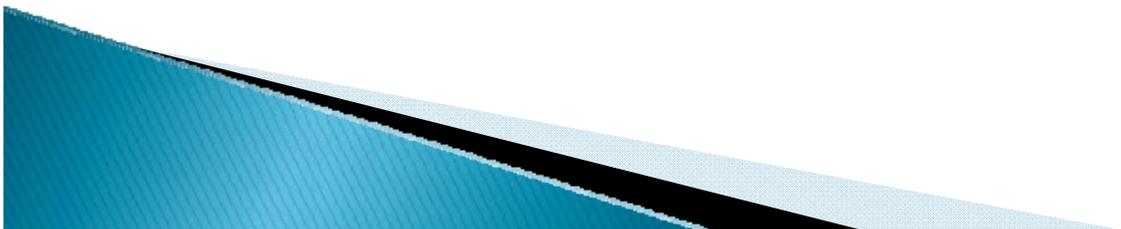
EVERYONE IS BEGINNING TO LEARN THE TECHNOLOGY AVAILABLE TODAY

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

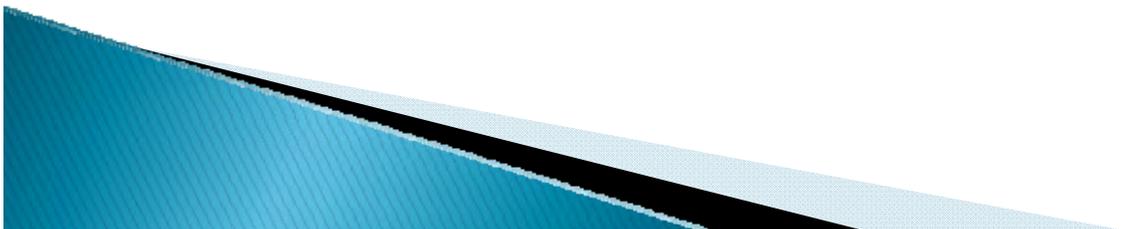
- ▶ Jeffco LCC – Evolution of the workgroup
 - Advocacy
 - The White Paper
 - Gap analysis
 - Currently helping RTD with new call-n-Rides

- ▶ DRMAC a regional CC
 - Getting there Guide
 - Transit Options
 - I & A call center
 - www.drmac-co.org



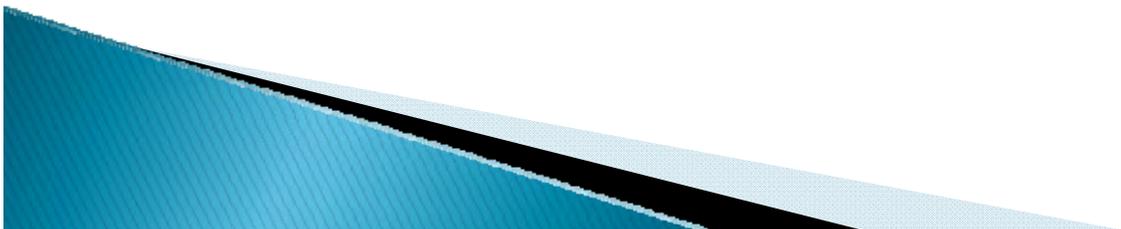
Awareness of aging drivers

- ▶ 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



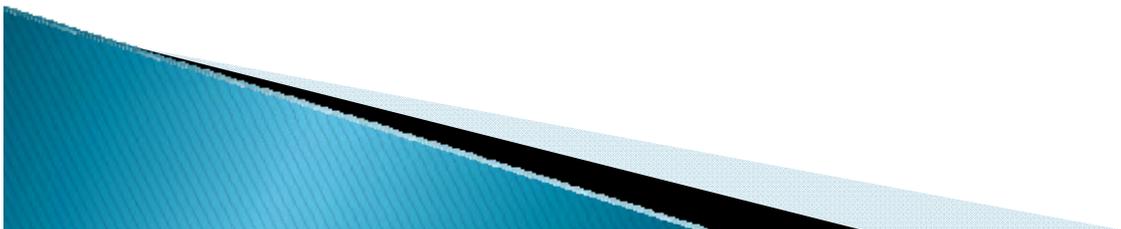
AARP and a SMART driver

- ▶ **S**eatbelts save lives, 85% usage nationally, reduce injuries by 45% when properly worn.
- ▶ **M**edications; RX and OTC can negatively effect driving
- ▶ **A**dverse weather; slow down turn on lights, add distance
- ▶ **R**ight of way; left turns(35%), lane changes(15%), stop signs and red lights(10%)
- ▶ **T**hree second following rule
- ▶ AARP's Driver Safety course, geared for older drivers and 10% discount from insurance
- ▶ *www.aarp.org/states/co*



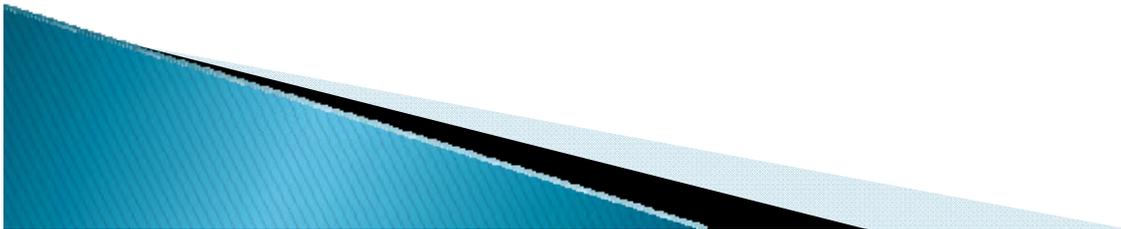
AARP “WE NEED TO TALK”

- ▶ 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**



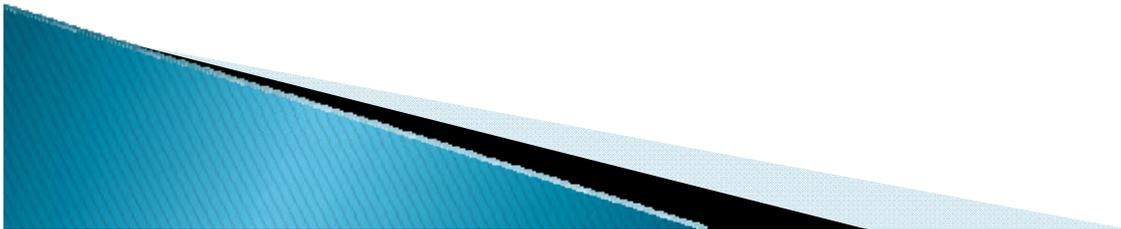
SeniorDriving.aaa.com

- ▶ <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 you legs.
- ▶ No more than 5 minutes please



OPTIONS TO DRIVING & COSTS



The bus – \$1.10
Senior rate

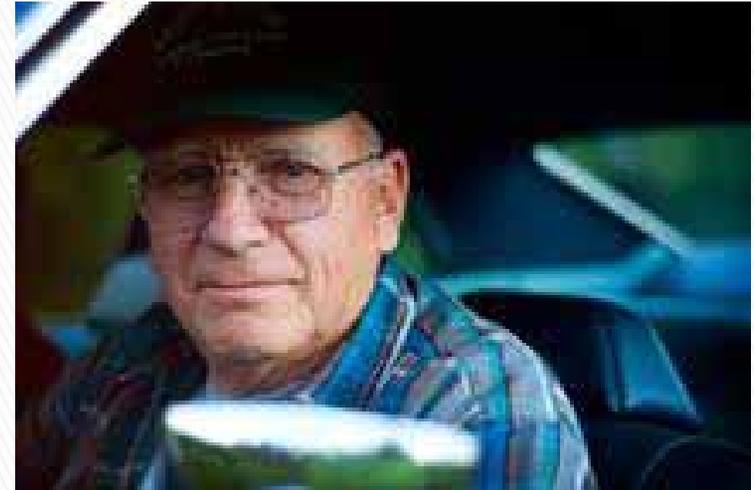
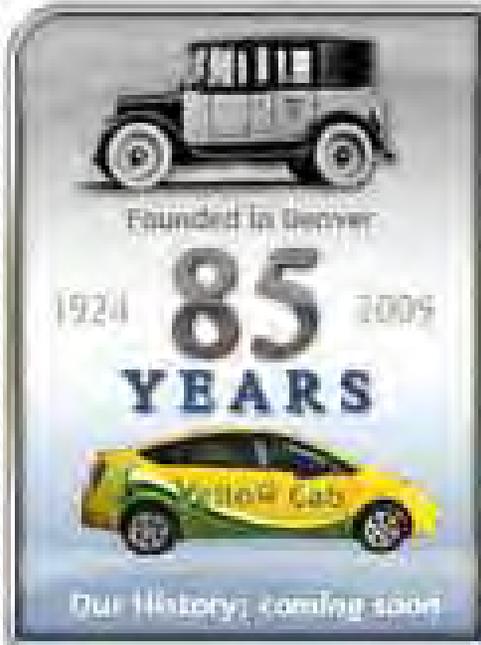


Charters • Tours
Paratransit • Airport Shuttles



RTD access a Ride
Double the bus rate

Cabs and friends



Friends and neighbors
(cookie? Or smile?)

\$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

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

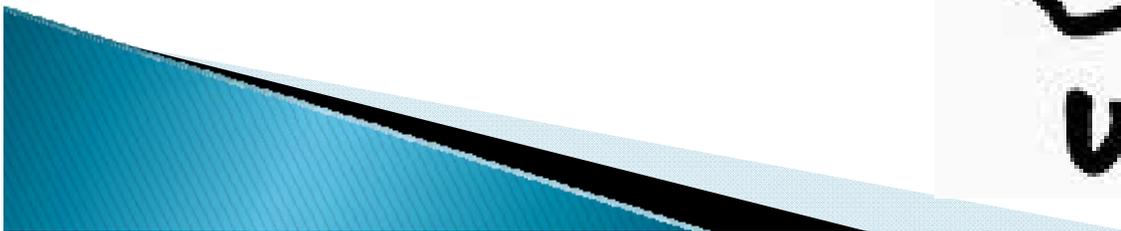
- ▶ **Drive your car, ride with someone else**
- ▶ **Ride your scooter, motorcycle or bicycle**
- ▶ **Catch a cab**
- ▶ **Take the RTD bus, or access a Ride**
- ▶ **Use a specialized provider**
- ▶ **Ride one of the call n Rides that will be servicing the area**

OR

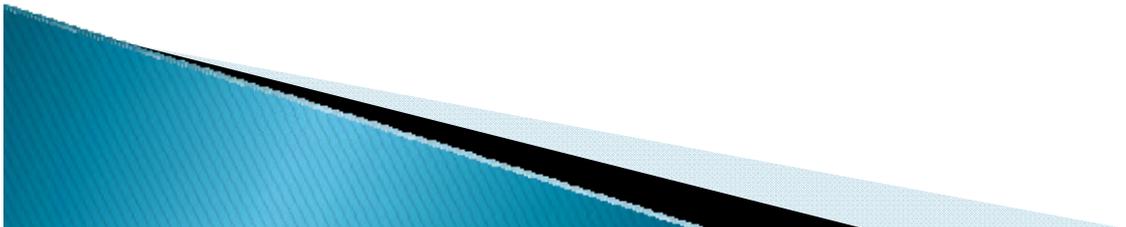
YOU CAN ALWAYS



WALK



CAUSE NO ONE WANTS TO SEE THIS



THANK YOU !!

- ◆ Hank Braaksma
- ◆ Seniors' Resource Center
- ◆ Director of Transportation Services
- ◆ 3227 Chase Street
- ◆ Wheat Ridge CO 80212
- ◆ 303-235-6970
- ◆ hbraaksma@srcaging.org



SENIORS'
RESOURCE
CENTER

