;;;;07.29.19 GOOD EVENING, EVERYONE, MY NAME IS MICHELLE WU. I HAVE THE HONOR OF CHAIRING THE CITY COUNCIL COMMITTEE ON PLANNING, DEVELOPMENT AND TRANSPORTATION AND PRESIDING ON THIS HEARING, ORDER FOR HEARING ON PROPOSED NORTH-SOUTH RAIL LINK SPONSORED BY COLLEAGUE ANNISSA ESSAIBI-GEORGE. I WANT TO RECOGNIZE THAT I HAVE SEVERAL COLLEAGUES HERE AND I'LL RECOGNIZE MORE AS THEY COME IN. AGAIN TO, MY LEFT IS THE LEAD SPONSOR OF THIS HEARING ORDER, COUNCILOR AT LARGE ANNISSA ESSAIBI-GEORGE TO. MY RIGHT IS DISTRICT COUNCILOR ED FLYNN. AT THE TABLE TO THE LEFT IS DISTRICT COUNCILOR FRANK BAKER. **REMIND EVERYONE THE HEARING IS** BEING RECORDED AND WILL BE **REBROADCAST ON COMCAST 8; RCN 82,** VERIZON 1964. LIVE STREAMING ONLINE. IF COULD YOU PLEASE SILENCE CELL PHONES AND OTHER DEVICES, WE WOULD APPRECIATE NOT HAVING THOSE DISTRACTIONS. WE'LL TAKE PUBLIC TESTIMONY THROUGH THE HEARING. MAKE SURE TO SIGN IN AND CHECK THE APPROPRIATE BOX BY THE DOOR. AS YOU'RE TESTIFYING, STATE YOUR NAME. AFFILIATION BEING **RESIDENCE AND LIMITS COMMENTS TO** 2 MINUTES TO ENSURE ALL COMMENTS AND CONCERNS CAN BE HEARD. JUST TO OUTLINE THE FORMAT OF THIS EVENING, I WOULD LIKE TO HAND IT OVER TO MY COLLEAGUE TO MAKE AN OPENING STATEMENT. THEN WE WILL TAKE JUST A LITTLE BIT OF PUBLIC TESTIMONY FROM THE FIRST THREE PEOPLE WHO SIGNED IN TO ENSURE THAT THE PUBLIC IS HEARD THROUGHOUT OUR EVENING. THEN WE WILL HAVE A PRESENTATION BY LUCAS SANTOS WHO WILL SHOW A

PRESENTATION OVERTHE SCREENS. THEN WE WILL DIVE IN TO THE FIRST HALF OF OUR ILLUSTRIOUS PANEL HERE. I WOULD LIKE TO TURN IT OVER TO THE SPONSOR. COUNCILOR ANNISSA ESSAIBI-GEORGE. >> THANK YOU, CHAIR. THANK YOU ALL FOR BEING HERE TODAY. ALL OF OUR GUESTS, BOTH FOR PUBLIC TESTIMONY AND OUR PANELISTS THAT WE'LL LEAN ON FOR MORE INFORMATION. I WOULD ALSO LIKE TO THANK CAMERON LIS, STUDENT AT NORTHEASTERN UNIVERSITY WHO SUPPORTED THE EFFORTS LEADING UP TO TODAY. AIM SUPPORTER OF THE NORTH-SOUTH RAIL LINK AND HAVE BEEN SO FOR A LITTLE BIT OF TIME. THE COUNCIL AS A WHOLE IS VERY SUPPORTIVE OF THIS CONCEPT AND OF THIS CONVERSATION. AND I THINK IF NOT ALL, ALMOST ALL SIGNED ON TO SUPPORT THIS HEARING TODAY. THAT DOESN'T NECESSARILY MEAN THAT THEY'RE FULLY ON BOARD WITH THE NORTH-SOUTH RAIL LINK. BUT BELIEVE THAT IT'S IMPORTANT FOR US AS A COUNCIL AND AS A BODY TO HAVE THIS CONVERSATION BECAUSE ALTHOUGH IT'S UNDENIABLY TIED WITH WHAT HAPPENED AT THE STATE LEVEL. THIS RUNS THROUGH CITY OF BOSTON AND AS THE CAPITAL CITY AND WHAT I WOULD ARGUE THE ECONOMIC ENGINE OF THE STATE AND THIS REGION, IT'S IMPORTANT FOR THIS TO HAPPEN AND FOR US TO UNDERSTAND THE FULL IMPACTS OF THAT AS A CITY. I THANK THE PANELISTS FOR BEING HERE TODAY AND KNOW THAT THEY HAVE WORKED FOR DECADES ON THIS. A FEW LONGER THAN OTHERS. I AM VERY MUCH A NEWCOMER TO THIS CONVERSATION AND WANT TO SUPPORT THE WORK THAT'S HAPPENED SO FAR AND UNDERSTAND WHERE WE CAN GO FROM HERE SO WE CAN LEAVE THE SPACE OF JUST MEETING AND

DISCUSSING TO GET TO A PLACE OF ACTION AND PLANNING FOR THE FUTURE. SO I THANK THE CHAIR FOR HOSTING TODAY'S MEETING. I NO DOUBT SHE WILL RUN A WELL ORGANIZED AND EFFICIENT MEETING AND I HOPE THAT THE PANELISTS AND PUBLIC WILL HUMOR US WITH FOLLOWING SUIT. THANK YOU, MADAM CHAIR. >> MUELLER, COUNCILOR ESSAIBI-GEORGE. COUNCILOR FLYNN. >> THANK YOU, COUNCILOR WU. THANK YOU TO THE CHAIR AND TO COUNCILOR ESSAIBI-GEORGE FOR SPONSORING THIS IMPORTANT DEBATE THAT WE'RE HAVING TONIGHT. IT'S CRITICAL FOR THE FUTURE OF BOSTON THAT WE MAKE MAJOR **IMPROVEMENTS IN OUR** TRANSPORTATION SYSTEM THROUGHOUT THE GREATER BOSTON REGION. I'M ALSO PROUD TO REPRESENT BOTH THE NORTH STATION AREA AND THE SOUTH STATION AREA. SO I'M LOOKING FORWARD TO LEARNING MORE ABOUT THE PROJECT, INCLUDING THE FINANCING OF THE PROJECTS AND QUALITY OF LIFE **ISSUES IMPACTING THOSE AREAS IN** THAN AROUND NORTH STATION AND SOUTH STATION. I ALSO WANT TO SAY THANK YOU TO THE PANELISTS FOR BEING HERE AND FOR SPEAR HEADING THIS EFFORT. WORKING HARD AND NEVER GIVING UP ON THIS DREAM THAT MANY PEOPLE HAD OF LINKING NORTH STATION WITH SOUTH STATION. SO I'M LOOKING FORWARD TO THE TESTIMONY FROM THE PANELISTS. THANK YOU. >> THANK YOU, COUNCILOR FLYNN. COUNCILOR BAKER. >> THANK YOU, MADAM CHAIR. I ALSO WANT TO THANK COUNCILOR ESSAIBI-GEORGE. LONG-TIME PROPONENT OF THE NORTH-SOUTH RAIL LINK. I WAS FORTUNATE TO HAVE LUNCH WITH THE FORM HE GOVERNOR AND WE WENT THROUGH THE NORTH-SOUTH

BILLBOARD AND WE'RE STILL TALKING ABOUT THE NORTH-SOUTH. HERE TO SHOW SUPPORT AND LOOK LIKE WE HAVE AN **INFORMATION-PACKED PANEL, SO** THANK YOU. THANK YOU ALL FOR COMING TONIGHT. >> THANK YOU, COUNCILOR BAKER. NOW AT THIS TIME AGAIN I WOULD LIKE TO WELCOME THE FIRST THREE, FRANNI YOZ MONTHED, ALLAN WU AND WAYNE DAVIS. IF COULD YOU COME TO EITHER MICROPHONES AT THE EDGES HERE AND WE'LL ALTERNATE QUICKLY. FRANNI OSMOND. STATE YOUR NAME AND RESIDENTS FOR THE RECORD AND KEEP YOUR TESTIMONY TO TWO MINUTES. THANK YOU. >> HI. I AM FRANNI OSMOND FROM MASSACHUSETTS, I'M ON VARIOUS LOCAL TRANSPORTATION BOARDS. I ALSO HAVE A DAUGHTER WHO LIVES IN JAMAICA PLAIN AND LIVES IN DORE DORCHESTER. I AM IN SUPPORT OF THE NORTH-SOUTH RAIL LINK AND I WOULD BE VERY DISAPPOINTED TO SEE US NOT BE CREATIVE AND VISIONARY AND MOVE FORWARD WITH IT. I DON'T WANT TO SEE IN THE FUTURE CONTINUED LIMITATIONS ON WHERE PEOPLE LIVE AND WORK BASED ON THE VERY LIMITED DIESEL ENGINES GOING IN TO STUB-END STATIONS. I HAVE HEARD COUNTLESS ENGINEERS AND ECONOMISTS EXPLAIN WHY IT'S REALLY IMPORTANT AND I HAVE ALSO HEARD PEOPLE WORKING FOR VARIOUS TRANSPORTATION ORGANIZATIONS SAYING WELL, OF COURSE I SEE THE IMPORTANCE BUT THEY STILL SEEM VERY TIMID. I DON'T KNOW WHY. I THINK IT'S SOMETHING RELATED TO THE BIG DIG. I DON'T KNOW WHAT IT IS. BUT I THINK WE NEED TO GET THAT MESSAGE ACROSS.

I DON'T WANT TO SEE IT CONTINUE. BUT WHEN I GO ACROSS THE CITY, I CAN'T GET THERE BY TRAIN BECAUSE WE DON'T HAVE ELECTRIFIED TRAINS. OR A CONNECTION BETWEEN THE TWO STATIONS. IT'S AN OBVIOUS ANSWER AND I APPRECIATE THE COUNCIL SUPPORTING IT AND HELPING US MOVE ALONG SPECIFICALLY ASKING FOR FUNDING SOON FROM GOVERNOR BAKER. THANK YOU. >> THANK YOU. >> HELLO. ALAN WU AND MY WIFE HAS A SMALL BUSINESS, WAS UNABLE TO ATTEND. I THINK MASSACHUSETTS HAS BEEN ONE OF THE GREAT EXAMPLES OF ECONOMIC DEVELOPMENT IN THIS COUNTRY, BUT THERE'S STILL A LOT OF POTENTIAL THAT'S THE COMPLETELY WASTED. THERE ARE JOBS, THERE'S HOUSING, THERE'S EDUCATION. MEDICAL. CULTURAL ACTIVITIES AND THEY'RE ALL SCATTERED AROUND AND THEY'RE NOT VERY WELL CONNECTED. AND CONGESTION IS REALLY BAD IN TERMS OF TRAFFIC. THE NBTA IS REALLY SHOWING GREAT SIGNS OF TRESS. I WAS WORRIED I WOULD GET HERE LATE BECAUSE I COULDN'T GET OUT. IT WAS SO CROWDED, THEY HAD TO GET PEOPLE GET OFF THE CAR IN ORDER TO PROCEED. I ALSO WOULD LIKE TO EMPHASIZE BESIDES THE POTENTIAL OF SYNERGIZING ALL THESE THINGS IN EASTERN MASSACHUSETTS. IT HAS SOME POTENTIAL FOR BENEFITING CENTRAL AND WESTERN MASSACHUSETTS BY CONNECTING THE RAIL LINE MUCH BETTER. THE CONNECTIONS TO THE WEST WOULD NEED TO BE IMPROVED. BUT IT WOULDN'T DO ANY GOOD FOR THEM TO BE IMPROVED IF THEY JUST RUN IN TO A DEAD END AT SOUTH STATION, WHICH IS WHAT THEY CURRENTLY DO. AND ACTUALLY THERE'S A LOT OF

BENEFITS FOR ALL OF NEW ENGLAND. AND I THINK THAT BOSTON NEEDS TO NOT ONLY DO OUTREACH TO THE REST OF EASTERN MASSACHUSETTS. IT REALLY NEEDS TO ALSO TALK TO PEOPLE IN NEW ENGLAND AT LARGE AND HELP THEM UNDERSTAND HOW IMPORTANT IT IS TO SUPPORT THIS. OTHERWISE WE HAVE THIS DEAD END TRAIN PARKING AND EXTREMELY EXPENSIVE REAL ESTATE. WE'RE GOING TO HAVE TO EXPAND THE DEAD END TRAIN PARKING AT BOTH NORTH STATION AND SOUTH STATION IF WE DON'T CONNECT THEM. AND IT'S JUST CRAZY. IT'S A WASTE OF RESOURCES. IT'S JUST A WASTE OF PRECIOUS SPACE. IN CLOSING I'LL MENTION THAT PHILADELPHIA, WHICH IS ANOTHER NORTHEASTERN CITY, HAS NOT DONE AS WELL ECONOMICALLY AS BOSTON. THEY STILL HAVE THE VISION IN THE 1980s TO THE THEIR EQUIVALENT OF CONNECTING TWO DEAD ENDS THAT WERE SEPARATED AND ROUTING THEIR TRAINS ALL THE WAY THROUGH. AND THEY'RE REALLY GLAD THEY DID IT. THEY TOOK THE OLD, ONE OF THE OLD STUB END DEAD END TERMINALS AND TURNED IT IN TO SOMETHING LIKE THE MARKET, A MARKET WITH FOOD AND ENTERTAINMENT AND SO ON. IT'S BASICALLY USING ALL THAT SPACE THAT WAS FREED UP RIGHT AT THE CORE OF THE CITY. AND SO IN SUMMARY I WOULD SAY **BOSTON AND EASTERN** MASSACHUSETTS, ACTUALLY NEW ENGLAND HAVE A LOT OF UNTAPPED POTENTIAL. PEOPLE THAT SHOULD BE ENTERTAINING THEMSELVES SHOULD BE HAVING GOOD TIME, SHOULD BE LIVING IN BETTER HOUSING IF THEY CAN ONLY GET TO IT. WORKING AT JOBS AND LEARNING AND ALL THE EDUCATIONAL OPPORTUNITY. INSTEAD THEY'RE SPENDING A LOT

OF TIME STUCK IN TRAFFIC OR WAITING FOR THE TRAIN OR TRYING TO GET ON THE TRAIN AND NOT BEING ABLE TO GET ON. >> THANK YOU. >> THANK YOU. >> THANK YOU VERY MUCH. FINALLY, MR. WAYNE DAVIS. >> I WANT TO THANK THE MEMBERS OF THE COUNCIL FOR HOLDING THIS HEARING. MY NAME IS WAYNE DAVIS. I'M FROM PORTLAND, MAINE AND I'M A SURVIVING FOUNDER OF TRAIN **RIDERS NORTHEAST, WHICH IS THE** CITIZENS ORGANIZATION, NON-PROFIT, THAT WAS FORMED AND CREATED AND TRACKS DOWN EASTER SERVICE RUNNING FROM BOSTON'S NORTH STATION TO PORTLAND. NOW TO BRUNSWICK AS WELL. THE AMAZING, SITTING HERE, THINKING HOW MANY YEARS WE HAVE BEEN TRYING TO PROMOTE THE LINKAGE OF THE STATIONS. TO ME IT'S AMAZING. THE DOWN EASTER RUNS BACK AND FORTH EVERY DAY. LAST YEAR AND I DON'T KNOW HOW MUCH WOULD REALIZE I'M SURE YOUR PAPERS DON'T PICK UP ON IT PROBABLY, BUT THE TRAIN IS CARRYING CLOSE TO 600.000 PASSENGERS A YEAR. THAT PUTS A LOT OF PEOPLE IN TO NORTH STATION. PRETTY GOOD PERCENTAGE OF THEM COME TO BOSTON AND THEY'RE SPENDING MONEY. WE KNOW THEY GO THE THEATERS AND CONCERTS AND GAMES AND ALL THAT GOES WITH IT. AND OUR STATE THE LEGISLATURE WORRIES THAT ALL OF IT IS FLOWING OUT. BUT IT'S FLOWING BOTH WAYS. BOSTONIANS LIKE TO COME TO MAINE AS WELL. AND THERE IS A LARGE NUMBER OF PEOPLE THAT START THEIR TRIP IN **BRUNSWICK. MAINE AND THEIR** DESTINATION IS CHICAGO OR CALIFORNIA OR IT'S FLORIDA. AND THEY RELY ON THE NATIONAL

RAIL SYSTEM. WITH BOTH NORTH AND SOUTH STATION TERM TERMINALS OPERATING AT ALMOST PEAK CAPACITY AT ALMOST ALL HOURS, RAIL SYSTEM THROUGH NEW ENGLAND IS SERIOUSLY COMPROMISED WITHOUT A RAIL LINK. IT WILL TRANSFORM WHAT IS NOW A **19th CENTURY STUB-END TERMINAL** SYSTEM AND TRANSFERRING IT IN TO A MODERN,' FUSHT, CONVENIENT RUN-THROUGH SYSTEM, EFFICIENT. CONVENIENT RUN-THROUGH SYSTEM THAT CAN ACCOMMODATE GROWTH THROUGH THE CENTURY. THE ENTIRE NEW ENGLAND WILL BENEFIT ECONOMICALLY AND ENVIRONMENTALLY WHEN WE'RE UNITED WITH THE REST OF THE NATIONAL PASSENGER RAIL SYSTEM. WHEN THE LINK IS BUILT NO LONGER WILL IT BE SAID YOU CAN'T GET THERE FROM HERE. THANK YOU FOR YOUR TIME. >> THANK YOU VERY MUCH. SO NOW WE WILL TRANSITION TO THE PANEL. I THINK WE'LL BREAK UP THE CHAIR, THE SPONSOR RECOMMENDED >> THE POWER POINT. >> SORRY, WE'LL START WITH THE PRESENTATION. BEFORE THAT, I WANT TO RECOGNIZE SOME ELECTED OFFICIALS AND CANDIDATE IN THE ROOM. OF COURSE YOU WILL HEAR SHORTLY FROM SENATOR JAMIE ELDREDGE. FORMER GOVERNOR MIKE DUKAKIS AND FORMER PRESIDENT BUSINGER. RECOGNIZE STATE REPRESENT TAMMY IS IN THE ROOM AS WELL AS WELL AS GOVERNOR COUNSELOR AND CANDIDATE FOR OFFICE VINCENT. SORRY, LUCAS. PLEASE GROW SEED. >> I APOLOGIZE. PLEASE PROCEED. >> I'M LUCAS, I STARTED WORKING ON THIS PROJECT AS THE TRANSPORTATION DIRECTOR FOR THE CONGRESSMAN. I'M NO LONG WERE THE CONGRESSMAN

BUT HERE TESTIFYING AS AN ALLSTON RESIDENT. I WOULD LIKE TO START WITH A QUICK VIDEO ABOUT THE PROJECT AND ITS COST THAT THE HARVARD KENNEDY SCHOOL DID WHEN THEY WERE WORKING WITH THE CONGRESSMAN'S OFFICE ON THIS PROJECT. I'LL SHOW THE VIDEO AND THEN DO A QUICK PRESENTATION TO GIVE SOME INSIGHT IN TO THE PROJECT. § § THAT'S JUST A QUICK VIDEO TO ILLUSTRATE THE GAPS. I'LL NOW START WITH A QUICK PRESENTATION, IF IT LOADS. THE PURPOSE OF THE PRESENTATION IS TO GIVE A 50,000 FOOT VIEW OF THE PROJECT. SO YOU'LL HEAR FROM THE PANELISTS ON MORE DETAILED ASPECTS OF IT. SO HERE'S WHAT THE NORTH-SOUTH RAIL LINK WOULD LOOK LIKE. AS YOU CAN SEE, EVERYTHING IS CONNECTED, EVERYTHING IS INTEGRATED. THE COMMUTER RAIL INTEGRATED WITH SUBWAY SYSTEM. THAT'S WHY THE WHAT THE SKELETON WOULD LOOK LIKE. I WANT TO SHOW YOU THE CURRENT SYSTEM. THEY'RE JUST TWO COMPLETELY SEPARATE SYSTEMS WITH COMMUTER RAIL LINES, 138 STATIONS AND ALMOST 400 MILES OF TRACK SEPARATED BY ONE MILE AT ITS CONSIDER FROM NORTH STATION TO SOUTH. THE NORTH SIDE HAS 10 LINES, IT'S APPROACHING CAPACITY. THE SOUTH SIDES YOU HEARD EARLIER TODAY HAS 13 LINES AND IT'S CURRENTLY;XQT CAPACITY. WE NEED DO HAVING TO ADDRESS CAPACITY RIGHT NOW. AND THE NORTH-SOUTH RAIL LINK IS CLEARLY, WE SEE IT AS A WAY OF ADDRESSING THAT CAPACITY. SO AS YOU KNOW THE BOSTON TRAFFIC IS NOW INFAMOUS FOR

BEING THE WORST TRAFFIC IN THE U.S.

WE BEAT L.A. IN EVERYTHING, IN SPORTS, AND WE BRAG ABOUT IT. BUT THIS IS NOT SOMETHING TO BRAG.

WE'RE CONSTANTLY RANKED THE WORST TRAFFIC IN THE U.S. AND THAT'S NOT SOMETHING TO BE PROUD OF.

SO WHAT WE FOUND IS THAT THIS IS A COMMON PROBLEM WITH A COMMON SOLUTION.

AROUND 35 OTHER CITIES ACROSS THE GLOBE HAVE STUB-IN STATIONS AND ARE NOW CURRENTLY OR HAVE ALREADY COMPLETED LINK PROJECTS LIKE THE NORTH-SOUTH RAIL LINK. THESE ARE JUST SOME OF THE CITIES THAT HAVE ALREADY DONE SO.

SO WHAT IS THE NORTH-SOUTH RAIL LINK?

THE NORTH-SOUTH RAIL LINK IS A 2.8 MILE OPPORTUNITY THAT WILL COMPLETELY INTEGRATE OUR COMMUTER RAIL SYSTEM TO THE

SUBWAY SYSTEM.

THE REASON IT'S 2.8 MILES IS

BECAUSE YOU NEED TO GET UNDER

ALL OF THE UTILITIES.

YOU START FURTHER OUT.

BUT IT COMPLETES THAT MILE GAP THAT YOU HAVE BETWEEN THE

STATIONS.

BUT MORE IMPORTANTLY AS YOU HEARD TODAY, IT CONNECTS, IT'S THE ONLY MILE GAP BETWEEN MAINE

AND D.C.

IT'S REALLY A REGIONAL PROJECT. THE IMPORTANCE OF THIS IS BECAUSE IT'S A REGIONAL PROJECT YOU'RE ELIGIBLE FOR FEDERAL GRANTS.

SO THE NORTH-SOUTH RAIL LINK CONNECTS PEOPLE, HOUSING AND JOBS.

A HARVARD STUDY HAD ACCESS TO TRANSPORTATION AS A SINGLE STRONGEST FACTOR IN MOVING PEOPLE OUT OF POVERTY. I TRULY BELIEVE THAT. SO SOME OF THE WAYS THAT THE NORTH-SOUTH RAIL LINK WOULD

ADDRESS THE WAY WE COMMUTE IS BY TAKING 50,000 CARS TO HAVE ROAD DAILY. IF YOU DON'T TAKE THE TRAIN IT WILL HELP YOUR COMMUTE. IT CONNECTS THE FASTEST GROWING **REGIONS OF THE STATE TOGETHER.** IT JUST MAKES TRAVEL SEAMLESS THROUGHOUT STATIONS. WHAT IT MEANS FOR BOSTON IS THAT A LOT OF THE CONNECTIONS TO THE **RED AND ORANGE LINES DURING PEAK** HOURS ARE ELIMINATED BECAUSE YOU CAN COME IF YOU HAVE A JOB ON SOUTH STATION COMING FROM THE NORTH. YOU CAN RIDE THE TRAIN STRAIGHT THROUGH. BUT ALSO MORE IMPORTANTLY, LAUNCH INVESTMENT. WITH THAT CYCLE, WITH THAT CIRCLE SITE AND THE U.S. POST OFFICE THE REASON WE CHOSE THOSE TWO SITES IS SINCE SOUTH STATION IS AT CAPACITY. WE'RE GOING TO NEED THE STATUS FOR HOPING TO EXPAND SOUTH STATION WHICH WOULD TAKE THOSE TWO SITES AND TURN THEM IN TO TRAIN PARKING LOTS. SO THIS WAS THE BACK OF THE ENVELOPE MATH ON SOME DEVELOPMENT POTENTIAL JUST IN THOSE TWO SITES. SO OF CPURSE WHEN YOU TALK ABOUT TUNNELLING UNDER BOSTON THE FIRST THING TO COMES TO MIND IS THE BIG DIG. SO ONE OF THE THINGS THAT YOU NEED TO KEEP IN MIND IS THAT THE TECHNOLOGY IS COMPLETELY DIFFERENT THAN THE BIG DIG. THE NORTH-SOUTH RAIL LINK WILL USE WHAT'S CALLED A TUNNEL BORING MACHINE. THE MACHINES YOU SEE AT THE TOP RIGHT CORNER. THEY WILL START DIGGING AT EACH END AND BY THE TIME THEY GET TO THE MIDDLE THERE'S VERY LIMITED DISRUPTION ON TOP. SO THEY GO SO FAR UNDER THAT THERE'S NO. THEY DON'T XER RUPT THE UTILITIES AND YOU CAN SEE THE SKELETON OF WHAT IT DOES. SO CONGRESSMAN MOULTON WHEN I

WAS WORKING WITH HIM, WE WENT TO LONDON BECAUSE LONDON IS DOING TWO OF THESE. AND WHEN WE WERE ON THE SURFACE YOU CAN'T TELL. THERES NO IMPACT WHATSOEVER. AND WE WENT DOWNSTAIRS A FEW LEVELS DOWN THE ELEVATOR AND THESE MASSIVE TUNNEL BORING MACHINES TUNNELLING THROUGH CITY OF LONDON. THEIR METRIC IS BUILDINGS CAN'T **MOVE MORE THAN 2 MILLIMETERS** WHILE CONSTRUCTION IS GOING ON. AGAIN. VERY LIMITED IMPACT SURFACE IMPACT. AND HERE JUST SOME OF THE COMPARABLE PROJECTS BASED ON LENGTH AND MILES. THEN NUMBER OF TRACKS. OF COURSE WHEN YOU'RE TALKING ABOUT A PROJECT OF THIS MAGNITUDE, FINANCING IS IMPORTANT. SO SOME OF THE FEDERAL FUNDING THAT'S AVAILABLE ARE TIFFIA AND RIF LOANS, REGIONAL, BECAUSE IT IS A REGIONAL PROJECT, WE CAN GET OTHER STATES TO BUY IN AS WELL. AND SOMETHING THAT HASN'T BEEN TALKED ABOUT IS OUR PUBLIC-PRIVATE PARTNERSHIPS TO MAKE SURE WE TAKE SOME OF THE COST BURDEN OFF OF THE TAXPAYERS. AND IF YOU LEARN NOTHING ELSE FROM THE PRESENTATION TODAY, I THINK THE MAIN THING I WANT YOU TO COME OUT OF THIS PRESENTATION KNOWING IS THE PROBLEM WITH THE WAY THAT WE LOOK AT PROJECTS NOWADAYS IS WE LOOK AT THEM AS ONE-OFFS T NORTH-SOUTH RAIL LINK IS PART OF A BROADER VISION. SO YOU'LL HEAR A FEW OF THESE, THE PANELISTS TESTIFY ON WHAT THE VISION IS FOR THE NORTH-SOUTH RAIL LINK AND FOR THE STATE, WHICH IS 15 MINUTE FREQUENCIES ACROSS THE STATE, FULLY BELIEVING -- ELECTRIFIED SYSTEM. FOR US TO REALLY ADDRESS THE

TRAFFIC PROBLEMS WE NEED, WE NEED TO COME TOGETHER AND NOT FIGHT EACH OTHER FOR THE PROJECTS.

OBVIOUSLY FAIRMONT, WE'RE NOT COMPETING FOR THE SAME MONEY. THE NEXT STEP IS STARTING A MASSIVE PLANNING PROCESS TO GET PROJECTS SHOVEL READY IF AND WHEN THE FEDERAL FUNDS. >> THANK YOU VERY MUCH. DOES ANYONE HAVE QUESTIONS FOR LUCAS? >> YES, I HAVE ONE QUESTION. SO WE KNOW LIKE WHAT'S UNDER --WE'RE TALKING ABOUT TUNNELLING UNDER THE CENTRAL ARTERY. WE KNOW WHAT'S UNDER THERE? NO SURPRISES? YOU JUST GO RIGHT THROUGH? YOU MAKE IT SOUND EASY. WHAT IS UNDERSTAND THERE? >> SO I DON'T KNOW. WHAT IS UNDER THERE? >> I DON'T KNOW THAT'S WHY YOU NEED TO DO THE ENGINEERING. BASED ON EVERYTHING WE HAVE SEEN FROM THE CENTRAL ARTERY, IT'S HIGHLY LIKELY THAT IT'S BETTER OFF. BUT THAT'S WHY WE'RE CALLING FOR AN ENVIRONMENTAL IMPACT STUDY. >> EXPECTING BEDROCK WOULD BE WORST CASE SCENARIO. YOU'RE STILL GOING THROUGH THAT. >> WOULD BE BEST CASE SCENARIO. >> BEDROCK WOULD BE BEST CASE. INTERESTING. OKAY, THANK YOU. >> THANK YOU, COUNCILOR BAKER. THANK YOU. LUCAS. NOW WE'LL PROCEED TO THE FIRST HALF OF THE PANEL. THOSE WHO HAVE SERVED OR ARE SERVING IN OFFICE IT TURNS OUT. SO WE'LL BEGIN WITH OPENING STATEMENTS FROM GOVERNOR DUKAKIS, THEN I BELIEVE BUSINGER, SIGNALTOR ELDRIDGE. IS THAT THE PREFERRED ORDER? THEN ROUND OF QUESTIONS. >> I'LL TRY TO BE VERY BRIEF. FOLKS THERE, ARE TWO REASONS WHY

THIS PROJECT IS SO IMPORTANT. FIRST, IT'S ONE OF THE MOST IMPORTANT NATIONAL INFRASTRUCTURE PROJECTS IN THE COUNTRY. THE MANHATTAN INSTITUTE. WHICH IS A VERY CONSERVATIVE THINK TANK IN NEW YORK CITY SAYS THIS IS ONE OF THE 10 TOP INFRASTRUCTURE PROJECTS IN AMERICA. THE REASON IS OBVIOUS. THIS IS THE BUSIEST TRAIN LINE IN THE COUNTRY. IT ACTUALLY MAKES MONEY FOR AMTRAK. IT'S GOT THIS RIDICULOUS MILE IN THE MIDDLE OF IT THAT HASN'T BEEN COMPLETED. MOST FOLKS DON'T UNDERSTAND. THIS I HAVE NEVER UNDERSTOOD IT. AS YOU KNOW, WE TRIED VERY HARD WHEN I WAS GOVERNOR TO GET THIS THING DONE. WE FOUGHT TOOTH AND NAIL BY THE REAGAN ADMINISTRATION, PRESIDENT **REAGAN VETOED APPROPRIATION FOR** THE BIG DIG. WHEN YOU RIP UP THE CITY OF BOSTON. IT'S NOT TOO COMPLICATED TO PUT A DOUBLE RAIL IN, CONNECT IN THE MIDDLE, CONNECT THE RAILROAD STATIONS. SECONDLY, WE MUST HAVE A **REGIONAL RAIL SYSTEM IN THIS** STATE AN AND THIS REGION. I HAVE BEEN TALKING TO GOVERNORS OF THE OTHER NEW ENGLAND STATES, THEY'RE ALL VERY STRONGLY COMMITTED TO THIS. BUT THIS IS A KEY PART OF IT. YOU CAN'T HAVE A FIRST-CLASS **REGIONAL RAIL SYSTEM WITH ONE** MILE HOLE IN THE MIDDLE OF IT. AND WHEN I WAS GOVERNOR, WE DID A LOT OF KEY INFRASTRUCTURE, ON TIME AND ON BUDGET, BY THE WAY, A WONDERFUL. WONDERFUL DIRECTOR OF PLANNING, CONSTRUCTION NAME FRANK KETTLE. WE EXTENDED THE RED LINE IF YOU CAN RECALL THIS, FROM HARVARD SQUARE TO ELWAY. HALF A MILE LONGER THAN THE

NORTH-SOUTH RAIL LINK. TOTAL COST IN CURRENT DOLLARS, A BILLION 7. SO FAR AS I KNOW THE RED LINE EXTENSION IS WORKING EXTREMELY WELL AND TRANSFORMED THE ECONOMY OF SUMMERVILLE AMONG OTHER THINGS. SO DON'T LET ANYBODY TELL YOU WE CAN'T DO. THIS CITIES ALL OVER THE WORLD, FOLKS, ARE DOING. THIS THEY ALL HAVE THESE STUB-END STATIONS AND THEY WANT A CONNECTION. YOU'LL HEAR LOTS OF GOOD TESTIMONY FROM LOTS OF VERY GOOD PEOPLE WHO ARE PROUD OF THIS. BUT THIS IS ABSOLUTELY CRITICAL AND BY THE WAY, BECAUSE IT IS A PROJECT OF NATIONAL SIGNIFICANCE, IT'S ELIGIBLE FOR 50% FEDERAL FUNDING. IN ADDITION YOU HAVE LOTS AND LOTS OF VALUE-ADDED POSSIBILITIES IN THE CITY. JUST NOT USING THIS VALUABLE LAND FOR THE STORAGE OF VEHICLES GIVES BOSTON GREAT OPPORTUNITIES TO DEVELOP STUFF THAT'S NOW CURRENTLY, THAT'S NOT CURRENTLY HERE. ONE OTHER THING. PLEASE KILL ANY FURTHER WORK ON SOUTH STATION EXPANSION. IT'S TOTALLY UNNECESSARY. IF YOU DO THIS PROJECT. [APPLAUSE] BY THE WAY, NORTH STATION IS ALSO BECOMING INCREASINGLY CONGESTED. AND YOU AVOID HAVING TO EXPAND NORTH STATIONP. WHY? BECAUSE THIS IS TRUE SERVICE. ANY FURTHER WORK BY THE CITY, THE STATE, ANYONE ELSE ON SOUTH STATION EXPANSION IS RIDICULOUS. IT'S NOT NEEDED. WE DON'T NEED IT. AND THE NORTH-SOUTH RAIL LINK WILL RESOLVE THAT PROBLEM. THANKS TO ALL OF YOU FOR DOING THIS.

SPECIAL THANKS TO COUNCILOR ANNISSA ESSAIBI-GEORGE FOR GETTING US HERE. I HOPE WE CAN WORK. NEEDLESS TO SAY THE TAND DEPARTMENT OF TRANSPORTATION NEEDS A LOT OF SUPPORT AND **GUIDANCE THESE DAYS.** AND YOU'RE THE FOLKS AND I'M **KEAROUS -- SERIOUS ABOUT, THIS** THERE'S NO EXCUSE FOR THE TRANSPORTATION SERVICE WE HAVE. I WAS ON ONE TODAY. ALMOST DIDN'T MAKE IT. FORTUNATELY THAT WAS GREEN LINE TRAIN BEHIND IT. I MANAGED TO GET OFF, GET ON THE NEXT ONE. THIS KIND OF THING SHOULDN'T BE HAPPENING. LOOK FORWARD TO WORKING WITH YOU AND THANKS SO MUCH FOR MAKING YOUR TIME AVAILABLE TO US AND GETTING BEHIND THIS. >> THANK YOU, GOVERNOR. REPRESENTATIVE. >> THANK YOU. THANKS VERY MUCH. **BEFORE I BEGIN MY REMARKS**, PLEASE TIME ME OUT FOR, THAT I WANT TO THANK ESSAIBI-GEORGE FOR SPONSORING THIS. HAPPY TO BE IN THE HALL TO SEE UNANIMOUS SHOW OF HANDS ON IT. I'M HAPPY TO FOLLOW THE CHAIR OF THE NORTH-SOUTH RAIL LINK GROUP, MIKE DUKAKIS. I WANT TO SAY SOMETHING, SPONSORING IN 2014. THE 2 MILLION IN THE TRANSPORTATION BOND BILL MISUSE BY THE STATE FOR THE STUDY AGAINST THE DIRECT INTENT OF THE LEGISLATURE. TO RESUME, HE SPONSORED IN THE CAPITAL-BOUND BILL IN 2018 10 MILLION DOLLARS. NOW WE NEED TO SUPPLEMENT THAT, **RESUME THE MOST IMPORTANT** ENVIRONMENTAL PROCESS. OTHERWISE NO PROTECTION TO **RIGHT-OF-WAY AND DON'T CONSTRUCT** THE PROJECT. I WANT TO SAY THAT AND POINT OUT **REPRESENTATIVE TAMMY, GREAT NEW** 

ORGANIZER IN THE STATE, HOW SHE IS DOING GREAT WORK AND NOTIFYING THE LEGISLATORS. ANNISSA ASKED ME, TAMMY HAS DONE, THIS NEXT WORKING GROUP MEETING IS AUGUST 21, WEDNESDAY, 1:00 P.M. IN 222. BRIEF INTRODUCTION: I WAS THE FOUNDER AND CHAIR OF THE MASSACHUSETTS LEGISLATIVE RAIL LINK CAUCUS IN THE '90s. IT GREW TO 193 MEMBERS. I WAS A MEMBER. BECAME VICE CHAIR AND ACTING CHAIR OF THE CITIZEN ADVISORY COMMITTEE. OFFICIAL ENVIRONMENTAL STUDY ON THIS PROJECT THAT WE NEED RESUMED. I'M ALSO THE VICE CHAIR OF THE NORTH-SOUTH RAIL LINK WORKING GROUP. WE HAVE 110 LEGISLATORS NOW. ADDITIONALLY, THE NORTH-SOUTH RAIL LINK WORKING GROUP HAS INVITE EACH ONE OF YOU THROUGH ME. CONVEYED BY ME. EACH OF THE CITY COUNCILORS AS A MEMBER OF THE WORKING GROUP, UNANIMOUS. TOUCHSTONE, QUOTE MAYOR WALSH. HE SAID WHAT'S GOOD FOR THE **REGION IS GOOD FOR THE CITY.** WHAT'S GOOD FOR THE CITY IS GOOD FOR THE REGION. REMEMBER THAT. THE QUESTION BEFORE ALL OF US TODAY IN GREATER BOSTON AND NEW ENGLAND, IS DO WE WANT TO LEAVE PERMANENT STUB-END STATIONS AT NORTH AND SOUTH STATIONS? THUS DEPRIVING US OF EXTENDING THE CORRIDOR WHERE MAINE IS, NEW HAMPSHIRE AND MAINE. BY SO DOING, WITH HE DEPRIVE OURSELVES OF THE CHANCE TO UNIFY NORTH AND SOUTH SIDE COMMUTER RAIL SYSTEMS THAT MAKES FOR A UNIFIED RAIL SYSTEM THAT CONNECTS THESE THINGS. LIKE SOUTH COAST RAIL. DO WE WANT TO SPEND BILLIONS. STARTED AS LESS AND BILLION. NOW IT'S BILLIONS FOR EXTRA TRACKS AT SOUTH STATION THAT DON'T SOLVE THE PROBLEM, THAT

LEAVE DEAD ENDS AND WILL BE **OBSOLETE IN A FEW YEARS WITH NO** SPACE TO CONSTRUCT EXTRA STATIONS? WHICH MIKE REFERENCED. THAT'S SOLUTIONS. WE DON'T WANT TO DO THAT. HISTORY WOULD NOT LOOK BACK ON US VERY WELL. THE QUESTION IS DO WE WANT, DO WE FLAIL AROUND FOR NEEDED LAYOVER FACILITY WHICH THEY'RE HAVING TO DO IF THEY DO SOUTH STATION EXPANSION? THEY USE UP VALUABLE LAND. EVEN MAYOR WALSH TALKED ABOUT THIS VIS-A-VIS THE CIRCLE. YOU START HUNTING AROUND FOR LAYOVER FACILITIES TO MAKE UP FOREPROJECT THAT'S A DEAD END, THAT ISN'T A SOLUTION, IT'S POUND WISE AND IT'S JUST FOOLISH. NORTH-SOUTH RAIL LINK ENABLES WORKERS ON ONE SIDE OF THE CITY TO GET TO THE OTHER SIDE BY RAIL. IT ALLOWS PEOPLE, OKAY, ALLOWS PEOPLE TO SEEK HOUSING ON ONE SIDE OF THE CITY AND LIVE ON THE OTHER. THE GOVERNOR, MANY OTHER PEOPLE, TALK ABOUT GATEWAY CITY CONNECTIONS. YOU DON'T CONNECT TO KATE GAY CITIES WITHOUT THE NORTH-SOUTH RAIL LINK. THE RAIL LINK REDUCES TRAFFIC CONGESTION FAR MORE THAN OTHER SOLUTIONS THAT SOME TRANSPORTATION GROUPS ARE PURPORTING AS SOLUTIONS LIKE TOLLING, MORE TOLLING. THE CAC, THAT WAS THE OFFICIAL GROUP, ENVIRONMENTAL GROUP, ESTIMATED THAT IT WOULD TAKE 55,000 DAILY TRIPS OFF THE ROAD. IN CONCLUSION. THE IBEW, MEMBERS OF THE IBEW HERE, PUT UP A SIGN AT MY REQUEST YEARS AGO ON THE ICONIC BILLBOARD WE KNOW IN SOUTHEAST EXPRESSWAY, STUCK IN TRAFFIC, BUILD THE NORTH-SOUTH RAIL LINK WELL.

DID THAT BECAUSE IF MORE DRIVERS SAW THAT AND CHOSE THE NORTH-SOUTH RAIL LINK IT WOULD **RELIEVE OTHER DRIVERS, CAUSE** LESS CONGESTION FOR THEM OR NOT CAUSE MORE FUTURE CONGESTION. THAT'S WHY WE PUT UP THAT BILLBOARD. I THANK THE ABE IBEW FOR BEING A VALUABLE MEMBER. IN CONCLUSION, THE NORTH-SOUTH RAIL LINK IS THE TRANSPORTATION, ECONOMIC AND ENVIRONMENT SOLUTION WE NEED. FOR EXAMPLE, LOOK AT SOME OF THE LATEST MEMBERS WHO JOINED THE GROUP. THE ENVIRONMENTAL LEAGUE OF MASSACHUSETTS. THE ENVIRONMENT MASSACHUSETTS GROUP. MASS PER. WE HAVE LABOR GROUPS, BUSINESS GROUPS, HIGH ELECTED OFFICIALS, THE LIEUTENANT GOVERNOR OF VERMONT. BOTH CONGRESSMEN IN NEW HAMPSHIRE. WE HAVE A GREAT GROUP. I'M HAPPY THAT ALL 13 CITY COUNCILORS ARE MEMBERS OF THAT. LET'S WORK TOGETHER TO GET THIS DONE. >> THANK YOU VERY MUCH. SENATOR. >> THANK YOU VERY MUCH, CHAIRWOMAN WU. THANK YOU, COUNCILOR FLYNN, COUNCILOR BAKER AND COUNCILOR ESSAIBI-GEORGE, SPECIAL THANK YOU FOR CALLING THIS HEARING. AND YOU HAVE TWO VERY PASSIONATE ADVOCATES IN GOVERNOR DUKAKIS AND ST. REPRESENTATIVE BUSINGER. I WANTED TO ADD AND **REPRESENTATIVE BUSINGER SPOKE TO** IT A LITTLE BIT, IS THAT IN THE SENATE I HAVE BEEN THE LEAD FOR THE PAST 10 YEARS ON ADVOCATING FOR THE NORTH-SOUTH RAIL LINK. AND AS HE MENTIONED BACK IN 2014 THE PREVIOUS TRANSPORTATION BOND **BILL, WE SECURED \$2 MILLION THAT** WAS REALLY FOCUSED TO PROTECT THE RIGHT-OF-WAY SO THAT SOME

DAY IF THERE WAS FEDERAL FUNDING FOR THE NORTH-SOUTH RAIL LINK WE WOULD PROTECT THE RIGHT-OF-WAY. THE MONEY WAS USED BY GOVERNOR BAKER TO DO A STUDY. WE DISAGREE WITH SOME OF THE PROJECTIONS IN THE STUDY. BUT I THINK IT SPEAKS TO THE FACT THAT THE STUDY WAS DONE WITH THE SUPPORT AND LEADERSHIP OF GOVERNOR DUKAKIS AND FORMER GOVERNOR BILL WELLS. THIS HAS BEEN A BIPARTISAN SUPPORT, GOVERNOR WELD AND GOVERNOR DUKAKIS HIGHLIGHTED THIS. THAT TRANSPORTATION BOND BILL **UNANIMOUSLY WAS PASSED FOR \$2** MILLION FOR THE ENVIRONMENTAL IMPACT REPORT. MORE RECENTLY IN A SEPARATE CAPITAL BOND BILL, 2018, \$10 MILLION SET ASIDE FOR THE ENVIRONMENTAL IMPACT REPORT. PASSED UNANIMOUSLY. SO THIS IS AN EFFORT BY MYSELF AND REPRESENTATIVE SHAWN. I THINK IT SHOWS THE BREADTH OF SUPPORT AND THE GROWING SUPPORT IN THE LEGISLATURE TO GET THIS DONE. AND THEN I WOULD ALSO JUST ADD THAT THE DISTRICT I REPRESENT IS METRO WEST DISTRICT. I TAKE THE TRAIN AS MUCH AS I CAN. I TAKE THE LINE TO NORTH STATION. AND THE REALITY IS IF YOU HAD A NORTH-SOUTH RAIL LINK YOU WOULD HAVE A MUCH INCREASED FREQUENCY OF TRAINS ON ALL OF THE COMMUTER LINES, INCLUDING THE LINE THAT I COME IN ON BECAUSE RIGHT NOW YOU HAVE TRAINS THAT GO IN TO NORTH STATION, THAT EITHER HAVE TO TURN AROUND IN BOSTON OR CAMBRIDGE. THAT'S INEVITABLY WILL CAUSE A DELAY AND REDUCTION OF THE NUMBER OF TRAINS THAT CAN LEAVE. RIGHT NOW THROUGH SOUTH ACTON. THREE TRAINS THAT LEAVE IN THE

MORNING.

IMAGINE IF THERE WAS FIVE, SIX TRAINS, HOW MANY MORE CARS COULD YOU GET OFF OF THE ROUTE 2, THE MASS PIKE AND PROVIDE A SERVICE TO METRO WEST. IN SOME WAYS THERE'S A FOCUS OR SUGGESTION THE NORTH-SOUTH RAIL LINK WOULD MOST BENEFIT BOSTON **RESIDENTS OR GREATER BOSTON RESIDENTS AND IT CERTAINLY** WOULD. BUT I THINK IT WOULD ALSO SERVE ALL OF EASTERN MASSACHUSETTS AND CERTAINLY THE COMPLAINTS I GET FROM MY CONSTITUENTS IS THE COMMUTE IN TO BOSTON RIGHT NOW COMING FROM MORAL BORROW, ACTON, IT'S FROM AN HOUR AND A HALF TO TWO HOURS DRIVING. MAIN BEGIN IF THOUSAND, PROBABLY TENS OF THOUSANDS OF PEOPLE COULD GET OUT OF CARS, OFF OF ROADS AND TAKE COMMUTER RAIL IN TO BOSTON OR CAMBRIDGE? SO THANKS AGAIN FOR HAVING THIS HEARING AND REALLY APPRECIATE YOU HEARING OUR COMMENTS. >> THANK YOU VERY MUCH. SO WE'LL MOVE TO QUESTIONS FOR OUR THREE PANELISTS. STARTING WITH COUNCILOR ESSAIBI-GEORGE. >> I'M OKAY WITH QUESTIONS. I'LL SAVE THEM TO THE END. >> COUNCILOR FLYNN. >> I CAN HOLD OFF. >> OKAY, GREAT. I GUESS MY ONLY QUESTION FOR THIS GROUP OF IS SO WHAT DO YOU SEE AS THE POLITICAL HURDLES IN THIS MOMENT? IS IT THE GOVERNOR'S OFFICE? IS IT SOMETHING ELSE? SOME OTHER PROCESS IN THE LEGISLATURE? >> IT'S THE GOVERNOR'S OFFICE, NO QUESTION ABOUT IT. HE AND HIS FOLKS AT THE MASSACHUSETTS DEPARTMENT OF TRANSPORTATION NOT ONLY HAVING A DIFFICULT TIME RUNNING THE SYSTEM, THEY'RE HAVING A

PARTICULARLY DIFFICULT TIME GETTING PROJECTS UP AND MOVING THAT ARE ESSENTIAL. THEY CAN'T SPEND THE MONEY THEY HAVE, WHICH SEEMS KIND OF RIDICULOUS. I DON'T KNOW WHAT THE PROBLEM IS. WHETHER IT'S INTERNAL OR WHAT. BUT I DON'T RECALL HAVING PROBLEMS LIKE THIS. AND THERE'S NO REASON UNDER THE SUN WHY THEY CAN'T DO THIS JOB. THEY HAVE TO COMMIT THEMSELVES TO SOMETHING MORE THAN MAINTENANCE. WE NEED MAJOR CAPITAL INVESTMENTS. IF WE GET THEM, WE'RE GOING TO HAVE OURSELVES A GREAT METROPOLITAN AREA, GREAT CITY, GREAT STATE, AND A GREAT REGION. WE HAVE LOTS OF SUPPORT FOR ALL OF THESE THING. >> CAN I COMMENT ALSO? TO BACK UP WHAT HE'S SAYING, THIS HAS ALWAYS BEEN MUCH MORE A MATTER OF POLITICAL WILL THAN EVER ENGINEERING. I JUST GAVE MIKE AN ARTICLE FROM 1993 WHEN WELD FIRST INDOORSED THIS STARTING YOU ON OPTIMISTS PREVAIL. TALKED ABOUT NOT DOING SMALL THINGS AND PESSIMISM NEVER GOT ANYTHING DONE. I REMEMBER TED KENNEDY, EVER THE **OPTIMIST, HE'S GONE ALMOST 10** YEARS NEXT MONTH. HE TOLD ME AT A HEARING IN 2003 WHEN I TOLD HIM. HE SAID DON'T WORRY, WE'LL GET IT. THAT'S THE KIND OF ATTITUDE WE NEED. IF YOU LIKE IT, GO FOR IT. WE DON'T HAVE ENOUGH PEOPLE SAYING WE NEED THIS BADLY. WE TALKED ABOUT THIS. THIS IS NOT A NICE THING TO DO. IT'S A NECESSITY. **OTHERWISE WE NEED PERMANENT STUB** ENDS. WE HAVE MEMBERS, BRAD WORKED HARD ON THIS FOR YEARS. WE ALL KNOW THAT IF YOU LEAVE PERMANENT STUB ENDS YOU HAVE A

PROBLEM THAT YOU CANNOT SOLVE. THEN HISTORY LOOKS BACK US ON NOT VERY WELL. >> I WOULD JUST ADD. THE POLITICAL WILL, I THINK IT'S ALSO A BIT OF FEAR NO, SURPRISE, THE FEAR OF COST AND SORT OF POLITICAL REPERCUSSIONS OF THE BIG DIG. SO WHAT BOTH GOVERNOR DUKAKIS AND THE REPRESENTATIVE SAID, IT'S HAVING THAT BOLD VISION FOR WHAT'S POSSIBLE AND RECOGNIZING UNLESS WE HAVE THAT BOLD VISION, WE'RE NOT GOING TO FIX THE TRANSPORTATION SYSTEM IN MASSACHUSETTS AND CHAIRWOMAN, I APPRECIATE YOUR VISION FOR FIXING, IMPROVING THE PUBLIC TRANSPORTATION SYSTEM. THAT'S EXACTLY THE KIND OF VISION THAT WE NEED. AND I THINK BEYOND SORT OF THE BAKER ADMINISTRATION, I DO THINK THAT IT WOULD BE INCREDIBLY HELPFUL FOR THE ENTIRE FEDERAL CONGRESSIONAL DELEGATION TO BE STRONGER ADVOCATES FOR SECURING THE FEDERAL FUNDING. CONGRESSMAN MOULTON HAS BEEN A TREMENDOUS CHAMPION. IT WOULD BE GREAT IF THE ENTIRE DELEGATION REALLY FOCUSED ON THIS AND HIGHLIGHTED IT BECAUSE **OBVIOUSLY THE PROJECT WILL NOT** GET DONE WITHOUT FEDERAL DOLLARS. >> BOTH HOLDING CRITICALLY IMPORTANT APPOINTMENTS, POSITIONS THESE DAYS, BOTH VERY STRONG, LONG TIME SUPPORTERS OF THIS PROJECT. >> THEY'RE BOTH IN THE NORTH-SOUTH RAIL LINK WORKING GROUP AND KATHERINE CLARK AND SETH MOULTON. >> GREAT. THANK YOU VERY MUCH. >> BOTH UNITED STATES SENATORS. >> BOTH UNITED STATES SENATORS. PART OF THE DEMOCRATIC STATE PARTY PLATFORM WE SHOULD NOTE TOO. NORTH-SOUTH RAIL LINK. >> THANK YOU.

OKAY.

SO I KNOW YOU'RE VERY BUSY. YOU'RE WELCOME TO STAY IF YOU WOULD LIKE OR MOVE TO THE AUDIENCE OR HEAD ON TO OTHER MEETINGS AND COMMITMENTS THAT YOU HAVE. WE'LL MOVE ON TO THE OTHER HALF OF THE PANEL NOW IN WHATEVER ORDER YOU ALL WISH. JUST INTRODUCE YOURSELF AND MAKE YOUR BRIEF OPENING STATEMENT. >> MY NAME IS CLAY GOLDFIELD. TRANSPORTATION ENGINEER/PLANNER FOR 40 YEARS. I WAS PROJECT MANAGER WHEN THIS WAS LAST STUDIED FOR THE STATE. I WAS RELUCTANT TO GET INVOLVED WITH THIS EFFORT, BUT IT'S HARD TO SAY NO TO GOVERNOR DUKAKIS. AS I SAY, I'M SEMIRETIRED, LIVING ON THE CAPE. I PUT ON MY LONG PANTS TODAY. ANYWAY, ONE OF THE THINGS I WANT TO TALK ABOUT, WHAT ARE THE CONCERNS THAT THE COUNCIL WOULD LIKE TO ADDRESS? TO ME, THE PRIMARY CONCERNS ARE THE DISRUPTION THAT CONSTRUCTION MIGHT CAUSE. THERE THOSE CONSTRUCTION COSTS, THAT'S ONE OF THE THINGS THAT WE HAVE TALKED ABOUT FOR OVER 20 YEARS. ACTUALLY I HAVE A NEAT PRINT THE FIRST TIME IT WAS CONSIDERED BY THE BOSTON CITY COUNCIL, 1914. THAT'S INTERESTING TOO. BACK IN THE DAY WHEN I WAS DOING THIS BEFORE, I DIDN'T NEED READING GLASSES. THE OTHER THING IS WHAT ARE THE **BENEFITS**? YOU KNOW, I WON'T GET IN TO TOO MANY OF THE BENEFITS. WE PROVIDED YOU WITH A FOUR-PAGE SUMMARY OF A LOT OF THE BENEFITS. A LOT MORE DETAIL THAN I'M SURE WOULD YOU WANT TO HEAR RIGHT NOW. THE OTHER THING I WANTED TO MENTION WAS WHAT IF WE DON'T **BUILD THE RAIL LINK?** 

WHERE DOES THE TRANSPORTATION COME FROM? WE CAN'T EXPAND THE HIGHWAY SYSTEM. WE REALLY DON'T HAVE MANY OPTIONS FOR TRANSPORTATION THAT WILL STAGNATE THE ECONOMY IN BOSTON. THERE'S A LOT OF FALL OUT THAT WOULD COME FROM NOT BUILDING IT. TO ME, ASKING THAT QUESTION IS IMPORTANT. ANYWAY. I'LL START WITH GIST DISRUPTION. IT WAS MENTIONED THE WORK THAT WAS DONE IN LONDON. **IT WAS ABOUT 26 MILES OF TUNNELS** THAT WERE DONE. THERE WAS VERY LITTLE SURFACE DISRUPTION. I WAS AMAZED. WE LOOKED AT THE TUNNEL BORING MACHINES AND TECHNOLOGY 20 YEARS AGO AND THERE WAS SOME UNCERTAINTY. BUT NOW THEY'RE TALKING MILLIMETERS, INCHES, AS FAR AS THE ACCURACY OF THESE MACHINES. THAT HAS BECOME A VERY COMMON WAY OF CONSTRUCTION, SO THE WAY OF DEALING WITH THINGS LIKE THE UNDERPINNING OF BUILDINGS, ENSURING THAT THERE'S NOT GOING TO BE ANYTHING THAT HAPPENS THAT IS NOT EXPECTED HAS COME A LONG WAY. I WILL SAY THAT THE WAY WE LOOKED AT IT IS MOST OF THE WORK WILL BE DONE UNDERGROUND LIKE THEY WERE IN LONDON. YOU WON'T EVEN KNOW WHAT'S GOING ON. THE AREAS THAT WILL BE SEEN ON THE SURFACE WILL BE WHERE THE MATERIAL IS STORED FOR LINING THE TUNNELS AND THINGS LIKE THAT. THOSE WILL PROBABLY BE IN THE SOUTH AREA, WHERE THE RAIL YARD IS ALREADY. AND WON'T DISRUPT TRAFFIC, CAUSE TOO MUCH TROUBLE. THE PORTALS ARE GOING TO BE SOMETHING THAT WE HAVE TO WORK

OUT, HOW THAT'S STAGED. BUT IT CAN BE DONE. WE HAVE TALKED A LITTLE BIT ABOUT THAT AND I'M CONFIDENT THAT WE'LL FIGURE A WAY TO MAKE IT. LET'S SEE. THE LAUNCH FOR TBMs WILL BE IN THE RAIL YARD, NORTH AND SOUTH OF THE CHARLES. ONE OF THE THINGS WE HAVE ALSO KICKED AROUND WHICH I FIND INTERESTING, YOU KNOW, THE BIG DIG, THEY BASICALLY REBUILT SPECTACLE ISLAND WITH THE SPOILS FROM THE BIG DIG. WHAT WE LOOKED AT AND TALKED ABOUT, WILL TALK ABOUT A LITTLE LATER, THERE'S A LOT OF LAND MENTIONED LIKE THE CIRCLE, THINGS THAT ARE USED NOW THE STORE TRAINS MUCH THOSE ARE PRIME WATERFRONT AREAS, THINGS LIKE THAT. IF WE TAKE ALL THE SPOILS FROM THE TUNNEL AND USE THAT TO RAISE THAT LAND, BUILD CLIMATE **RESILIENCY, THINGS LIKE THAT.** I LOVE SOLUTIONS THAT WORK THAT WAY. SO THAT'S ONE THING THAT I THINK IS NEAT. ANYWAY, SOME OF THE OTHER THINGS, COST. WE HAVE TALKED ABOUT COSTS ENDLESSLY. THE CONSTRUCTION ESTIMATING THAT WAS DONE FOR THE RECENT STUDY IS WHAT THEY CALL LEVEL IS JUST ABOVE A WILD GUESS. AND THE RANGE OF UNCERTAINTY FOR THOSE IS 100% BELOW, SO COULD BE THEIR ESTIMATE DOUBLE THE ACTUAL COST DOWN TO 30% ABOVE. COULD BE 30% MORE. THAT'S A PRETTY WIDE RANGE. WE ARGUED THAT \$2 MILLION WE SHOULD GET A LITTLE BETTER ACCURACY. WE HAVE WHAT WE HAVE. IN YOUR PACKET IS A FINANCING SCHEME THAT WE LOOKED AT THAT WE'LL BOTH BENEFIT THE CITY AS WELL AS HELP PAY FOR THE LOCAL

SHARE. LOOK AT THE PAST PAGE I SEE COUNCILOR WS LOOKING AT IT, A FOOTNOTE. THE IDEA IS, WITH TAX INCREMENT FINANCING. WHEN I WAS A CONSULTANT A LONG TIME AGO IN THE '80S, I WORKED ON FINANCE FOR MAJOR INFRASTRUCTURE IN CALIFORNIA. I DID THE STRATEGIC PLAN FOR THE FIRST SALES TAX THAT THEY DID. WE ALSO DID SOME WORK WITH INNOVATIVE FINANCE. WE HAVE A LOT OF LAND OUT THERE. ESSENTIALLY PUBLIC LAND. WE DEVELOPED THAT LAND, MAJOR **DEVELOPMENTS THERE.** ALL OF A SUDDEN WE HAD LAND THAT'S TAXABLE. I DID AN ESTIMATE EARLY ON THAT **COULD GENERATE AS MUCH AS \$330** MILLION A YEAR FOR THE CITY OF BOSTON. USING THE METHODOLOGIES FOR ESTIMATING GROSS SQUARE FOOTAGE AND THINGS LIKE THAT THAT WAS USED. IT COULD BE AS HIGH AS \$445 MILLION A YEAR. THAT'S HUGE. NOW, WITH THE TAX INCREMENT FINANCING, YOU WOULD HAVE CONSTRUCTION BONDS THAT WOULD LAST ABOUT 20 YEARS, TYPICALLY AT 3%. IF YOU USED HALF THAT MONEY FOR THE 0-YEAR PERIOD, IT COULD PAY FOR THE WHOLE LOCAL SHARE. THAT'S NOT EVEN LOOKING AT BUILDING LAND, LEASING LAND OR ANYTHING LIKE THAT THEY JUST DID THE HUDSON YARDS IN NEW YORK CITY AND THEY BUILT A LOT OF STRUCTURES, A LOT OF PUBLIC **RECREATION FACILITIES, THINGS** LIKE THAT. THEY ARE LEASING THE LAND ON A 99-YEAR LEASE THAT'S ANOTHER **REVENUE STREAM THAT WE CAN COME** TO THE CITY OR WHOMEVER. BUT THOSE ARE THINGS THAT REALLY NEED TO BE CONSIDERED FOR US THE HORROR OF THE COST THAT

EVERYBODY SEES IN THE PAPER. WHAT ELSE WAS I GOING TO SAY? I DON'T WANT TO TAKE ALL YOUR TIME. BENEFITS. WE'VE GOT SEVERAL -- TEN BENEFITS CONCENTRATED IN THAT LITTLE HAND OUT. SOME OF THEM ARE PRETTY OBVIOUS. YOU LOOK AT THINGS LIKE THE CONGESTION, IF YOU TAKE 5500 CARS OFF THE ROAD OBVIOUSLY AIR OUALITY WILL GET BETTER. THOSE ARE THINGS THAT YOU CAN UNDERSTAND. MORE PEOPLE TAKING THE TRAIN, LESS PEOPLE ON THE HIGHWAY IT'S A WIN-WIN. ADDED CAPACITY FOR SERVICE. ALL THE TRAIN SYSTEMS THAT ARE GOING TO BE WITH RUNNING THE MOST TRAINS POSSIBLE AND THOSE ARE USUALLY CONSTRAINED BY NORTH AND SOUTH STATION CAPACITIES. THOSE ARE GREAT. THERE'S SOME THINGS AND UNFORTUNATELY I'M AN ENGINEER SO I LOOK AT THINGS DIFFERENTLY. BUT SOME OF THE THINGS THAT ARE ALSO NO BRAINERS. 62% OF THE FLEET FROM MBTA FROM THE SOUTH SIDE. WHERE BEEN THEY LOCATE THEIR BUS AND ENGINE TERMINAL? NORTH OF THE CHARLES RIVER. SO, THE TRAINS NOW HAVE A VERY TORTUREOUS WAY TO GET ACROSS GRAND JUNCTION THROUGH THE MAIN STREETS OF CAMBRIDGE TO BET. WHEN I WAS WITH THE T, I WAS DEPUTY DIRECTOR OF PLANNING, I DECIDED TO RIDE IN THE FRONT ENDS OF THE LOCOMOTIVE, LITERALLY INCHED OUT INTO TRAFFIC ON BROADWAY WITH THE LOCOMOTIVE. THIS WILL ALLOW DIRECT ACCESS FOR ALL THOSE VEHICLES TO BET THAT WILL BE ABLE TO CENTRALIZE THE MAINTENANCE FOR THE WHOLE SYSTEM SO THINGS LIKE SOUTH HAMPTON YARDS COULD BE MOVED OUT OF THE CITY AS WELL. >> I APOLOGIZE FOR BEING SO RUDE

I JUST WANT TO MAKE SURE WE'RE GETTING THROUGH THE PANELISTS **BECAUSE THERE'S LOTS OF PUBLIC** TESTIMONY. >> I CAN GO FOR DAYS. PRETTY MUCH DONE. >> WE'LL HAVE QUESTION AND ANSWER, TOO, THANK YOU VERY MUCH. >> COUNCILORS, MY NAME IS JOSEPH I AM NORTHEAST FOR RAIL PASSENGER ASSOCIATION, THE LARGEST NATIONAL ORGANIZATION THAT SERVES AS THE VOICE OF MORE THAN 40 MILLION RAIL PASSENGERS IN THE U.S. OUR MISSION TO IMPROVE AND EXPAND CONVENTIONAL INNER-CITY AND REGIONAL PANE TRAIN SERVICES, SUPPORT HIGH SPEED, INCREASE CONNECTIVITY AND ENSURE SAFETY FOR OUR COUNTRY'S TRAINS AND PASSENGERS. I AM HERE TONIGHT IN MY CAPACITY AS REGIONAL COORDINATOR AS WELL AS MEMBER OF THE NORTH SOUTH RAIL WORKING GROUP UNDER THE MENTORSHIP OF GOVERNOR DUKAKIS. RAIL PASSENGERS PRESIDENT AND CEO JIM MATTHEW SAID THE FOLLOWING, IMAGINE BEING ABLE TO BOARD A NEW YORK TRAIN AT THE ANDERSON REGIONAL TRANSPORTATION CENTER. THE BOUND FOR NEW HAMPSHIRE, MAINE OR ONE DAY MONTREAL. IMAGINE BEING ABLE TO RIDE FROM THE NORTH SHORE OR THE CAPE WITH ONE DIRECT TRANSFER. IMAGE IN A SINGLE SEAT RIDE FROM THE SOUTH SHORE OR WORCESTER OR ONE DAY SPRINGFIELD TO THE GARDEN FOR CONCERTS, BRUINS GAMES, CELTICS GAME. CONNECT FROM ANY COMMUTEDDER RAIL LINE TO THE GREEN, RED, BLUE, SILVER LINES. NORTH-SOUTH LINK MAKES ALL THESE THINGS POSSIBLE, NO OTHER SOLUTION DOES. THE RAIL LINK IS A FUEL TRULY TRANSFORMATIVE PROJECT ON NATIONAL LEVEL BECAUSE IT CONNECTS REGIONAL FROM POINTS

NORTH OF BOSTON ALL THE WAY TO SOUTH TO RICHMOND, VIRGINIA, BY CLOSING ONLY SERVICE GAP IN THE NETWORK. AND FINALLY BRINGS NORTHERN NEW ENGLAND IN LINE WITH THE REST OF THE SYSTEM. HE'LL LOUSE MUCH NEEDED TRANSIT EXPANSION IN NEW HAMPSHIRE, MAINE, CONNECTICUT, RHODE ISLAND, BY ADDING CAPACITY TO THE CORRIDOR. TRAVELERS AND COMMUTERS IN OUR **REGION DESERVE FAR BETTER THAN** THE ONE-SIDED FATALLY FLAWED STUDY LAST YEAR. THE REST OF THE WORLD IS PASSING US BY AS MANY MAJOR CITIES AROUND THE GLOBE OFFING BY TRANSFORMING LEGACY RAIL SYSTEMS TO ALL DAY RAPID TRANSIT. ENDING THE ERA OF SEVEN STATIONS, MAKES IT SEEM LIKE BOSTON IS THE EXCEPTION INSTEAD OF THE STANDARD THAT WE SHOULD BE. I LEAVE THE COMMITTEE WITH THIS FINAL THOUGHT. IF THE RAIL VISION FOR THIS CITY AND REST OF THE COMMONWEALTH ISN'T ALL OPTIONS ON THE TAKEN AND WORTHY OF OUR FULL ATTENTION, THEN AS ELECTED OFFICIALS AND ADVOCATES, WHAT ARE WE DOING HERE? THANK YOU. [APPLAUSE] >> THANK YOU. >> CHAIR WU, COUNCILOR BAKER, COUNCILOR FLYNN, COUNCILOR ESSAIBI-GEORGE, THANKS FOR HOSTING THAT PANEL AND HEARING. I'M JERRY JOHNSON THE COO OF TRANSIT MATTERS. IT'S DEDICATED TO IMPROVING TRANSIT IN AND AROUND BOSTON BY OFFERING NEW PERSPECTIVES, UNITE CAN ADVOCATES AND IMPROVING THE PUBLIC DISCUSSION AROUND TRANSIT. WE LIKE TO SAY THAT WE'RE DATA DRIVEN AND PEOPLE FOCUSED. TO YOUR EARLIER QUESTION, COUNCILOR WU AROUND WHAT ARE

SOME OF THE OBSTACLES, I THINK GOVERNOR IS RIGHT, LACK OF VISION, WHICH IS ESPECIALLY STRANGE CONSIDERING THE **INCREDIBLE AMOUNT 6 PROJECTS** THAT NEED TO BE DONE IN ORDER TO MAKE OUR ENTIRE TRANSPORTATION SYSTEM BETTER. TRANSIT MATTERS HAS BEEN ONE OF THE MOTHER MOST ADVOCATES. LAST YEAR WE PUT OUT A WHITE PAPER CALLING FOR REGIONAL RAIL. FAST, ELECTRIC TRAINS THAT DON'T POLLUTE. HIGH LEVEL PLATFORMS THAT ALLOW ALL USERS INCLUDING THOSE WITH MOBILITY CHALLENGES TO GET AROUND, STRATEGIC IMPROVEMENTS TO GET AROUND THE BOTTLENECK THAT WE HAVE IN OUR COMMUTER RAIL SYSTEM. FREQUENT ALL DAY SERVICE THAT GIVES PEOPLE THE FREEDOM TO MOVE AROUND. COMMONWEALTH MOVE AROUND THE **REGION AND FREE TRANSFERS** INTENDED PEOPLE TO USE THEIR CAPACITY ON OUR SYSTEM. WE BELIEVE THESE ELEMENTS ARE PORE TO MAKING NOT ONLY A BETTER COMMUTER RAIL NETWORK BUT ALSO MAKING NORTH-SOUTH RAIL LINK WORK. THE MUCH CRITICIZED STUDY THAT YOU'VE HEARD ASSUMED EXPENSIVE TRAINS, HAVE TO HAVE CAPABILITY TO RUN ON DIESEL AND ELECTRIC AND WOULD HAVE MUCH LONGER TUNNELS BECAUSE THE SYSTEM WOULDN'T BE ELECTRIFIED. WE CAN LOOK AT LOORING THAT REDICK COULD YOU PLUS COST THAT CAME FROM THAT STUDY BY MAKING OUR COMMUTER RAIL NETWORK BETTER IN THE MEANTIME. WE THINK ELECTRIFICATION IS KEY. BUT FOR CLIMATE CHANGE AND FOR BETTER SERVICE. TRANSIT MATTERS BELIEVES COULD **BE TRANSFORMATIVE PROJECT FOR** THE REGION.

THIS COULD UNLOCK WHOLE NEW REGIONS FOR HOUSING AND JOBS. RIGHT NOW A COMPUTER FROM SALEM HAS TO SPEND MORE TIME GETTING FROM NORTH STATION TO THE SEAPORT WHERE THEY MIGHT SPEND ON THEIR ENTIRE RIDE FROM SALEM INTO THE STATION. THIS COULD GIVE PEOPLE NEW ACCESS TO JOBS IN THE FINANCIAL DISTRICT, BACK BAY, COULD ALLOW FOR TRIPS FROM JAY JAMAICA PLAIN TO DOWNTOWN, MEANINGFUL **RESILIENT COMINGS FROM BOSTON** LANDING OR JFK IN THE EVENT OF SERVICE DISRUPTIONS ON SUBWAY OR LIGHT RAIL LINES. ALSO SOMETHING OUR COMPETITORS ARE DOING. LONDON, TORONTO, MELBOURNE, PARIS, ALL CONNECTING THEIR STATIONS. WHAT THE STATION WHERE WE BROUGHT THIS UP SO MUCH THAT OTHER SYSTEMS ARE ABLE TO HAVE TWICE THE CAPACITY OF SOUTH STATION RIGHT NOW JUST ON TWO LINES BECAUSE THE TRAINS AREN'T STOPPING THERE. IN ORDER TO DO THIS WE NEED THE CITY TO WORK ON SHUTTING DOWN THE EXPENSIVE AND UNNECESSARY PROJECT TO EXPAND SOUTH STATION TO WORK WITH MASS DOT TO MOVE TO **REGIONAL RAIL SYSTEM TO PREPARE** FOR NOTED RAIL LINK. THE REGIONAL RAIL VISION ONLY ALTERNATIVE THAT IS APPROPRIATE FOR CONGESTION, TO TACKLE CLIMATE CHANGE. HOUSING AND MOBILITY AND THIS IS THE ALTERNATIVE THAT INCLUDES NORTH-SOUTH RAIL LINK. WE'RE EXCITED TO SEE THE CITY TAKE A BIGGER INTEREST IN THIS AND WE LOOK FORWARD TO WORKING WITH YOU. >> THANK YOU. >> MY NAME IS JOHN I LIVE IN FORT HILL IN ROXBURY. I CONSIDER MYSELF. I GUESS A CAPTIVE AUDIENCE OF THE MBTA SINCE I RELY ON ITS SERVICES VIRTUALLY EVERY DAY. I WANT TO THANK YOU ON BEHALF OF THE MASSACHUSETTS SIERRA CLUB FOR INVITING US TO APPEAR AT

THAN'S HEARING. I AM COCHAIR OF OUR TRANSPORTATION COMMITTEE. THE CHAPTER HAS BEEN LONG SUPPORTER OF THE NORTH-SOUTH RAIL LINK ARGUING THAT THE CORPORATING THE RAIL LINK INTO THE CENTRAL PROJECT WOULD BE THE MOST EFFECTIVE MEANS TO REDUCE AIR POLLUTION AND GREENHOUSE GASSES BY CUTTING THE NUMBER OF CARS THAT WILL BE TRAVELING INTO AND THROUGH THE CITY. I FIRST LEARNED ABOUT THE RAIL LINK IN THE MID 1970s WHILE A STUDENT AT UMASS BOSTON THROUGH A NEWS STORY ABOUT THE PROPOSED BIG DIG. AND THE ARTICLE MENTIONED A REAL CONNECTION BETWEEN NORTH AND SOUTH STATIONS ARE WERE BEING INCLUDED. I WAS INTRIGUED IT MADE SUCH PERFECT SENSE. SO A DECADE LATER I WAS SORELY DISAPPOINTED WHEN THE RAIL LINK WAS CUT OUT OF THE CENTRAL ARTERY PROJECT IN ORDER TO RECEIVE CONGRESSIONAL FUNDING. TO ME IT REMAINED A GOOD IDEA. ONE THAT WAS TOO GOOD TO BE FORGOTTEN. IN 1987 THE NEW ORANGE LINE **OPENED THROUGH MY NEIGHBORHOOD** FOR NEARLY 30 YEARS UNTIL I RETIRED I BOARDED DAILY AT ROXBURY CROSSING ON MY WAY TO WORK HERE IN CITY HALL. THE LOGIC OF A RAIL CONNECTION BETWEEN NORTH AND SOUTH STATIONS WOULD OCCUR TO ME EVERY MORNING ON MY WAY TO WORK WHEN MY TRAIN PULLED IN TO BACK BAY STATION TO BEHOLD A WALL OF COMMUTERS WAITING TO TRANSFOREMY ALREADY OVERCROWDED TRAIN. A RAILING THAT CARRIES COMMUTERS INTO DOWNTOWN WITHOUT THE NECESSITY OF SWITCHING MODES, WOULD AVOID MUTUAL INCONVENIENCE TO BOTH SETS OF PASSENGERS. AND RIDERS ON THE DOWN EASTER FOR MAIN WOULD NOT HAVE TO TRANSFER TWICE TO CONTINUE ON TO

PROVIDENCE OR NEW YORK. FOR OVER A DECADE, I HAVE HELPED TO FORMULATE TRANSPORTATION POLICY FOR THE MASS SIERRA CLUB WHERE I'VE WAYED IN ON MANY ISSUES AFFECTING BOSTON AND THE REGION.

IN RECENT YEARS I FOUND MYSELF DEVOTING MORE AND MORE ENERGY ADDRESSING ISSUES LIKE THE RAIL LINK AND THE CURRENT INADEQUATE PLAN TO EXPAND SOUTH STATION AS A STUB END TERMINAL. THE PROBLEM, IS THAT WOULD BE FURTHER AGGRAVATED BY SOUTH STATION EXPANSION WITH **INCREASING NUMBERS OF DIESEL** LOCOMOTIVES SPEWING THEIR FUMES AND PARTICULATES. OVER ALREADY DENSELY SETTLED URBAN NEIGHBORHOODS FROM DOWNTOWN TO NORTH GEORGIA, DEMONSTRATE ELECTRIFIED RAIL

LINK WOULD BE OF MAJOR ENVIRONMENTAL BENEFIT TO MANY THOUSANDS OF INNER CITIES RESIDENTS.

THE RAIL LINK WOULD ALLOW FOR ONE TRANSFER OR SINGLE TRANSFER. ENCOURAGING PEOPLE TO TAKE PUBLIC TRANSPORTATION WHO CANNOT DO SO TODAY DUE TO THE INCONVENIENCE EVER REPEATED TRANSFERS.

THIS WOULD HELP DECREASE VEHICLE MILES TRAVELED AND GET PEOPLE OFF THE HIGHWAYS, REDUCING TRAFFIC CONGESTION AND AIR POLLUTION.

THE RAIL LINK WOULD ALSO GIVE BETTER SERVICE AND RAIL CONNECTIONS TO THE FAIRMOUNT LINE ALLOWING FOR ONE SEAT, ONE TRANSFER RIDES TO MANY DESTINATIONS. THIS WOULD ALLOW MORE ACCESS TO JOBS FOR MANY RESIDENTS EVER GREATER BOSTON AND THE REGION. A NEWS STORY IN THE JUNE 27th "BOSTON GLOBE" CHINATOWN HAS WORST AIR QUALITY IN MASSACHUSETTS, REPORT SAYS. QUOTES RICHARD CHANG FORMER HEAD MASTER OF THE UPPER SCHOOL ON HOW DANGEROUS AIR POLLUTION CAN BE EVEN ON SEEMINGLY CLEAR DAY. TODAY YOU GOT THE BLUE SKY AND THE SUN AND IT FEELS LEUKOCYTES BE PERFECTLY FINE TO PLAY OUT THERE.

WHAT IS UNSEEN ARE THESE VERY DANGEROUS PARTICULATES EMITTED BY CARS. DIESEL TRAIN THEN THE PASSING HIGHWAY VEHICLES AND THE KIDS ARE JUST INHALING IT IN. THIS FORWARD-LOOKING CITY SHOULD NOT BE CONSTRAINED BY THE LIMITED THINKING OF MASS DOT IN ITS ALREADY OBSOLETE PLAN TO EXPAND SOUTH STATION. WE MUST SEE THE LARGER ISSUES AT STAKE AND CRAFT THE MOST APPROPRIATE SOLUTIONS. THE MASSACHUSETTS SIERRA CLUB URGES THE BOSTON CITY COUNCIL TO APPROVE DOCKET NO. 0879 AND SUPPORT THE RAIL LINK. THANK YOU. >> THANK YOU VERY MUCH. >> I'M STEVE. PAST CHAIR OF THE REGIONAL TRANSPORTATION ADVISORY COUNCIL. I WON'T GET VERY TECHNICAL JUST SAY BRIEFLY THAT A LITTLE OVER A WEEK AGO WE HAD THE 50th ANNIVERSARY OF THE ASTRONAUTS LANDING ON THE MOON. WHICH BRINGS UP NOW 50-YEAR-OLD OUESTION. IF WE CAN GET PEOPLE BACK AND FORTH BETWEEN THE EARTH AND THE MOON, WHY CAN'T WE GET PEOPLE BACK AND FORTH BETWEEN ROXBURY AND SOUTH STATION. [APPLAUSE] WE HAVE THE ANSWER IT'S NOTE-SOUTH RAIL LINK. >> THANK YOU VERY MUCH. >> QUESTION FROM MY COLLEAGUES. COUNCILMEMBER ESSAIBI-GEORGE. >> THANK YOU, ALL OF YOU FOR YOUR PRESENTATIONS I ALSO APPRECIATE THE DIVERSITY OF THE REMARKS AND SORT OF HOW YOU ALL TOUCHED ON COUPLE OTHER THINGS. I DO HAVE SOME QUESTIONS ABOUT A FEW OF YOU REFERENCED THE CONCERNS ABOUT COST. ESPECIALLY

ASSUMING BIG DIG-TYPE COSTS.

CAN WE TALK A LITTLE BIT OR SOMEONE HERE WHO CAN TALK ABOUT THE COSTS? I KNOW THAT IT WAS IN LUCAS' PRESENTATION EARLIER TODAY BUT PERHAPS GOVERNOR CAN -->> LET ME TAKE A BRACH AT THAT. I PRACTICALLY FLUNKED PHYSICS IN COLLEGE, I WENT INTO POLITICS INSTEAD. I WANT TO GO BACK TO MY OWN EXPERIENCE. **OBVIOUSLY I HAD -- WHICH I DON'T** HAVE A LOT OF RESPECT FOR CURRENT SECRETARY WHO WAS AT NORTHEASTERN WITH ME. STUDENT CO-OP, TEAM WENT TO WORK. I DIDN'T KNOW. HE WAS EXTREMELY COMPETENT, HIGHLY **RESPECTED AND ONE OF THE** INTERESTING THINGS ABOUT HIM WAS THAT TOWARD THE END OF MY LAST TERM FRED LAID OUT A PLAN FOR MOVING HIM TO THE TOP JOB. HE HAD A DEPUTY NAMED PETER, ALSO VERY COMPETENT. THAT WAS THE PLAN, FOLKS. SO, WHAT HAPPENED. WELL. HE WAS NEVER GIVEN THAT ASSIGNMENT. I'M NOT QUITE SURE WHO WAS IN CHARGE. BUT WHILE BOSTON HARBOR CLEAN UP STARTED THE SAME ESTIMATED PRICE WAS COMPLETED ON TIME AND 20% **BELOW BUDGET. BIG DIG ENDED UP COSTING THREE** TIMES WHAT IT WAS SUPPOSED TO COST, TOOK TWICE AS LONG. IT WAS ALL ABOUT FIRST RATE MANAGEMENT DIRECTION. >> WE'VE HAD IN PRESENTATION A NUMBER OF DIFFERENT DOLLAR AMOUNTS THAT HAVE BEEN SUGGESTED FROM CONSERVATIVE, THE WHOLE PICTURE. IS THE THERE ANYONE HERE PERHAPS THAT COULD -->> LET ME JUST COMMENT. THE REASON WHY WE CAN'T TALK ABOUT COST AS WE SHOULD BECAUSE WE'RE NOT DOING THE OFFICIAL

PROJECT.

LET ME JUST TEMP YOU ONE OF THE BIG DIFFERENCES BETWEEN THE FLAWED STUDY THEY'RE DOING NOW WHICH WAS AGAINST THE INTENT OF THE LEGISLATURE AND WHAT WE DID. WE WERE REQUIRED TO DO A NO BUILD OPTION.

THEIR COST OF NOT DOING IT. WE ALWAYS TALK ABOUT COST BUT THE NO BUILD OPTION WHICH WE AGAIN WOULD BE REQUIRED TO DO IF WE GO BACK AND RESUME THAT PROCESS.

NOW, THE OTHER PROBLEM OF TALKING ABOUT COST IS, A LOT OF CONFUSION ARE YOU TALKING 'BOAT CURRENT DOLLARS OR FUTURE DOLLARS,, HOW MANY STATIONS, WHAT THE ALIGNMENT IS GOING TO BE.

THAT'S WHY WE HAVE TO RECOGNIZE WE CAN'T LIKE PIN THE TAIL ON THE DUCKY BECAUSE WE HAVE TO DECIDE WHAT WE WANT TO DO. SO THERE IS SPECK SKEW LAKES BUT THERE'S A TREMENDOUS COST FOR NOT DOING IT WHICH AGAIN WE WOULD BE REQUIRED AND WERE REQUIRED AS CLAY CAN TELL YOU TO DO DURING THE -- THAT'S THE PROBLEM RIGHT NOW WITH THE STATED.

THEY DIDN'T REALLY DO THAT. SO, IF YOU REALLY WANT AN ANSWER TO IT, WE CAN TALK ALL WE WANT ABOUT IT.

BUT THE RESUMPTION OF THE ENVIRONMENTAL PROCESS, THE OFFICIAL PROCESS.

FOR EXAMPLE RIGHT NOW SOUTH STATION EXPANSION WHICH IS A BAD PROJECT, THEY'RE REQUIRED, THEY HAVE A FINAL DOCUMENT. IT'S PROBABLY NEVER GOING TO HAPPEN BECAUSE THE POST OFFICE AIN'T MOVING.

WE HAVE A -- WE DIDN'T FAMILIAR SIZE THIS.

ACCEPTED BY THE STATE. WE HAVE A DRAFT ENVIRONMENTAL STATE REPORT FORFEITED REAL REPORT WAS NEVER FILED BECAUSE WE DIDN'T HAVE ENOUGH MONEY THAT

WASN'T SUPPOSED TO BE AN ISSUE THEN. SO ROMNEY SUSPENDED IT FOR PHONY REASONS. BUT OUR WORK IN TERMS OF FEASIBILITY. OUR WORK WAS ACCEPTED AS DRAFT ENVIRONMENTAL IMPACT REPORT, THAT'S A STATE DOCUMENT. BY ELLEN, SECRETARY OF ENVIRONMENTAL AFFAIRS AT THE END OF JUNE, 2003. WE CAN'T REALLY TELL YOU WHAT YOU WANT TO KNOW BECAUSE WE WANT THAT PROCESS RESUMED BY WHICH WE CAN THEN DO THE THING OFFICIALLY. WE'RE NOT PARTICIPATING RIGHT NOW IN ANY OFFICIAL PROCESS. I WILL CONCLUDE WITH THIS. ONE OF THE PROBLEMS RIGHT NOW THAT -- YOU'VE ALL READ ABOUT IT. IS TRANSPARENCY. THEY'RE TIGHT PLY CONTROLLED DOWN THERE THAT'S WHAT THEY DID WITH THIS STUDY. WE HAVE TO OPEN THIS UP TO MORE PARTICIPATION TO GET THE ANSWERS YOU SEEK. >> I WILL JUST SAY, THOUGH, I APPRECIATE THAT. IN SOME OF THE CONVERSATIONS TODAY AND PREVIOUS TO TODAY WE'VE TALKED ABOUT A \$6 BILLION PROJECT OR \$15 BILLION PROJECT. IF YOU HAVE THOUGHTS WHERE ON THAT SPECTRUM OR JARED. WHOEVERF WE HAVE AN IDEA OF A GENERAL **IDEA AND UNDERSTANDING --**>> I CAN TAKE IT REAL QUICK THEN JARED HAS MORE DETAILS. BUT ONE OF THE THINGS ACTUALLY WAS MENTIONED EARLIER IS THAT THE DIFFERENCE IN LIEU CAST PRESENTATION EARLIER HE MENTIONS THE HARBOR STUDY THAT WAS RANGE OF LIKE \$4.5 TO \$6.5 -- AROUND THERE FOR THE TWO -- TWO TRACK. FOUR TRACK OPTIMAL AROUND \$5-7 **BILLION WHICH IS -- PUTS IT MORE** IN LINE WITH OTHER PROJECTS AROUND THE WORLD. THE MASS DOT STUDY THAT GIVES US THE 17-20 BILLION INCLUDES AS I

THINK JARED MENTIONED MATERIAL I DIDN'T, THEY BRING IN --PROCUREMENT OF NEW FLEET. THAT IS ELECT TRIFICATION. THAT IS OTHER KIND OF ADD-ONS WHAT MASS DOT IS TELLING SUS THAT THESE ARE THINGS THEY NEED TO DO ANYWAY. THEY NEED NEW CARS, THEY NEED NEW SIGNALS, THEY NEED NEW FLEET. THEY NEED TO ELECTRIFY. THOSE ARE THINGS THAT HAVE TO BE DONE ANYWAY. SO THE PROBLEM THAT WE SAW WITH THE MASS DOT STUDY ALL THOSE THINGS, ALL THE KITCHEN SINK TO IT INSTEAD OF JUST SAY HANG THE TUNNEL ITSELF IS GOING TO COST. THE CLOSEST WE GOT TO THAT WAS THE KENNEDY STUDY, THEY WENT --THIS IS WHAT THE TECHNOLOGY, THIS IS TUNNEL BORING WHAT IT COSTS US TO BUILD THIS TUNNEL ALL OTHER THINGS MASS DOT HAS TO DO ANYWAY. I'M SURE JARED CAN HONE ON TO THAT. >> LET ME JUST ADD ONE THING **BEFORE JARED.** THERE IS A CITY THAT IS CURRENTLY BUILDING A NEW TRANSIT SYSTEM IN THIS COUNTRY. WHICH INCLUDES THEIR VISION FOR THE NORTH SOUTH RAILING. THEY CALL IT THE REGIONAL CONNECTER. THAT CITY IS LOS ANGELES, CALIFORNIA. THE THING IS UNDER CONSTRUCTION. IT'S GOING TO BE COMPLETED NEXT YEAR. I GO OUT TO TEACH AT UCLA I TAKE MY TRIP, IT'S UNDERWAY. AND WE'RE SO FRUSTRATING FOR YOU FOLKS AS WELL AS FOR US IS THAT WE'RE NOT EVEN CLOSE TO THAT PROCESS. SO THEY'RE GOING TO HAVE THEMSELVES A VERY FINE SYSTEM. IT'S A DIFFERENT PROJECT. OBVIOUSLY. WHY LOS ANGELES CAN DO THIS WHEN WE CAN'T IS MYSTERY TO ME FOR

MANY YEARS. >> JARED? >> VERY BRIEFLY. COUPLE OF THINGS. 2.5 MILLION OF THE MASS DOT COST WAS BECAUSE OF THOSE TRAINS. WE SAID THAT -- TEAM NEEDS TO PROCURE NEW TRAINS WE THINK SOMETHING VERY WRONG HEADED AGAIN THEY DIDN'T LOOK AT BEST PRACTICES AROUND HOW TO DO THIS. THEY ADDED SOUTH STATION EXPANSION TO THIS WHICH WE BELIEVE IS UNNECESSARY. FINALLY, I'M NOT SURE IF THIS IS AT THE DIRECTION OF MASS DOT OR WHO, BUT THE GROUP THAT THEY RETAINED TO DO THE STUDY HAS --THEIR ESTIMATED FOR PER-MILE COST FOR ELECT TRIFICATION, FOR EXAMPLE, WAS TWICE AS MUCH ON SIMILAR PROJECTS. I'M NOT SURE IF THEY WERE ASKED THEM TO MAKE THEM HIGHER BUT WE **DID A REPORT -- AN ARTICLE BACK** IN SEPTEMBER OF LAST YEAR THAT REALLY WENT INTO THE FINE POINTS OF ALL THE THINGS WE FOUND WRONG OR MISLEADING ABOUT THE MASS DOT STUDY. WE BELIEVE THAT IT WILL BE MUCH CLOSER TO THE HARVARD STUDY. >> GREAT, THANK YOU, APPRECIATE THAT. >> THANK YOU, COUNCILOR ESSAIBI-GEORGE. >> I PROMISE TO BE QUICK. A PROFESSOR AT MERRIMAC, HE AND I SERVED AS -- WE DID A VERY DETAILED LOOK AT THE COST ESTIMATES AND WAS 12 PAGES OF COMMENTS WERE NEVER ANSWERED. SOME OF THE THINGS THAT WERE ISSUED WERE THE HIGH AMOUNT OF CONTINGENCIES. THEY ALSO AS JARED MENTIONED INCLUDED THE KITCHEN SINK. ANY DOUBLE TRACKING THAT WAS NECESSARY THEY EVEN -- THEY HAD TIER ONE, TWO AND THREE. TIER ONE WAS PRETTY MUCH WHAT IT COST TO BUILD THE RAIL LINK. TWO WAS FIXING EVERYTHING ELSE ALONG THE WHOLE LINE.

TIER THREE WAS SOME OF THE WISH LIST INCLUDING A TUNNEL IN SALEM, THOSE WERE ALL ADDED TO THE COST. SO WHEN YOU DIG DOWN AND LOOK AT ACTUALLY WHAT'S THERE THAT'S AN IMPORTANT CONSIDERATION. THANK YOU. >> THANK YOU. I WANT TO THANK MY COLLEAGUES BECAUSE THEY HAVE AGREED TO DEFER THEIR QUESTIONS BECAUSE WE HAVE SEVERAL FOLKS WHO ARE SIGNED UP WITH SPECIFIC TIME COMMITMENTS AND WE'RE RUNNING A LITTLE BEHIND. I DID WANT TO ASK IF DEAN AND STATE REPRESENTATIVE AND GOVERNORS WOULD GET READY TO **TESTIFY WITH THEIR TWO-MINUTE** PUBLIC TESTIMONY. >> THANK YOU VERY MUCH. I AM PROFESSOR EMERITUS AT NORTHEASTERN UNIVERSITY I'VE BEEN STUDYING BOTH THE TRANSPORTATION HOUSING BUT ALSO ECONOMIC DEVELOPMENT WHICH **REALLY HASN'T BEEN MENTIONED** HERE. WE RECENTLY COMPLETED A STUDY FOR THE SCHOOL COMMITTEE HERE WHICH SHOWS THAT OVER THE NEXT TEN TO 12 YEARS WE'RE GOING TO HAVE TO REPLACE AN ENORMOUS PART OF THE OUR FORCE BECAUSE OF **RETIREMENTS.** FOR EXAMPLE, FOR EVERY MACHINIST WHO NEW JOB WAS CREATED WE HAVE TO REPLACE 75 WHO WILL BE RETIRING. THIS IS POSING A TREMENDOUS PROBLEM FOR EMPLOYERS THROUGHOUT THE REGION FROM INSIDE OF BOSTON AND OUTSIDE OF BOSTON. AND CURRENTLY, BECAUSE OF RESEARCH THAT WE'VE DONE, WE FOUND THAT BOSTON IS DIVIDED INTO TWO TOTALLY DIFFERENT LABOR MARKETS STARTING FROM BASICALLY THE MIDDLE OF THE CITY GOING NORTH. THE MIDDLE OF THE CITY GOING SOUTH. IN FACT 80% OF PEOPLE WHO LIVE

NEAR NORTH STATION OR NORTHERN BOSTON OR IN SUBURBS NORTH OF BOSTON, 80% ALSO WORK IN AREAS LIKE THAT.

ONLY 20% COMMUTE FURTHER SOUTH. BECAUSE OF THE DIFFICULTY OF GETTING THERE AND VICE VERSA. WHAT THAT MEANS WHEN WE GO OUT AND TALK WITH EMPLOYERS IS THEY HAVE VERY LIMITED LABOR MARKET AREAS IN WHICH THEY CAN SEARCH FOR THE REPLACEMENT WORKERS THEY NEED.

IF WE CAN BUILD NORTH-SOUTH RAIL LINK WE SOLVE A MAJOR PROBLEM OF LINKING THOSE TWO LABOR MARKETS THERE FOR BEING ABLE TO CONTINUE THE ECONOMIC PROGRESS THAT WE'VE BEEN MAKING IN BOSTON AND THE COMMONWEALTH.

THE SECOND POINT I'D LIKE TO MAKE VERY QUICKLY HAS TO DO WITH THE COST.

WE SHOULD ALSO BE THINKING ABOUT HOW MUCH MONEY WE SAVE FROM THIS AS PART OF THE RESEARCH I'VE DONE WITH THE RAIL LINK TEAM, I LOOKED AT WHAT WOULD HAPPEN IF WE WERE TO TAKE JUST 13% OF CURRENT DRIVERS OFF THE ARTERIES AROUND BOSTON.

THAT WOULD DOUBLE THE AVERAGE SPEED ON THE HIGHWAYS. WHICH IS VERY LOW NOW AS LOW AS

13-14 MILES PER HOUR DURING COMMUTES.

IF WE COULD JUST DOUBLE THAT SPEED TO ABOUT 28-30 MILES AN HOUR, 20 MILES BELOW THE SPEED LIMIT THE AVERAGE COMMUTER SAVES \$270 A YEAR IN GAS WHEN GAS WAS \$2.49 A GALLON.

IT'S NOW OVER \$300.

IF IN ADDITION YOU COULD CUT IN HALF THE TIME THAT COMMUTERS IN THEIR CAR SPEND IN THEIR CARS GETTING TO WORK AND JUST CHARGE THEM HAVE THEM THINK THAT HOUR SAVED TO BE WITH THEIR FAMILY IS WORTH ONLY 2D.RADIO.

THAT ADDS ANOTHER \$1200 OF SAVINGS. ALTOGETHER, THAT WOULD ADD UP TO ABOUT SAN DIEGO.1 BILLION -- \$1.1 BILLION, ENOUGH TO PAY FOR THE BIG DIG WITHOUT ANYBODY PAYING A PENNY. THANK YOU VERY MUCH. [APPLAUSE] >> THANK YOU, COUNCILORS, I APPRECIATE THE OPPORTUNITY TO PROVIDE SOME TESTIMONY. I'M TAMMY, I'M STATE **REPRESENTATIVE FOR THE 14th** MIDDLESEX DISTRICT THOSE OF WHO MIGHT NOT BE FAMILIAR WITH THE 14th. IT COVERS CONCORD, ACTON. I'M HERE TO SPEAK BOTH AS A COMMUTER, AS A PUBLIC HEALTH SOCIAL WORKER AND A STATE **REPRESENTATIVE.** I GREW UP IN LOWELL, I LIVED THERE UNTIL ABOUT 12 YEARS AGO THEN I FIRST GRADUATED COLLEGE I COMMUTED INTO BOSTON FOR JOB DOWN IN THE SOUTH STATION. I COMMUTED ON THE COMMUTER RAIL FROM LOWELL AND HAD TO GET OFF AT NORTH STATION AND EITHER WALK OR HOP ON THE T. MOST OF THE TIME WE OPTED FOR WALKING, THAT MEANT WALKING IN THE RAIN, SNOW, SLEET, SLUSH, HEAT. ON AND ON. ADDING ADDITIONAL 20 MINUTES TO OUR COMMUTE. THAT WAS I'M 45 NOW. THAT WAS MORE THAN 20 YEARS AGO THAT I WAS HAVING THAT EXPERIENCE. AND IT'S REALLY FRUSTRATING FOR ME AND FOR COMMUTERS ALL THROUGHOUT THE NORTHEAST PART OF THE STATE TO STILL BE DEALING WITH THIS ISSUE BECAUSE WE HAVE NOT CLOSED THAT GAP BETWEEN NORTH AND SOUTH RAIL. AS A STATE REPRESENTATIVE, THE TWO ISSUES THAT I -- RAN ON THREE ISSUES, HEALTH CARE, CLIMATE CHANGED AND TRANSPORTATION. I HEAR IT OVER AND OVER AGAIN THAT FRUSTRATION THAT PEOPLE HAVE WITH WOEFULLY INADEQUATE TRANSIT SYSTEM, I WANT TO THANK YOU COUNCILOR WU FOR LEADERSHIP

THAT YOU HAVE TAKEN AND REALLY ALLOWING US -- I WOULD ARGUE THAT WE DON'T HAVE A SYSTEM. WE HAVE A BUNCH OF VERY SMALL MINI SYSTEMS LEAVING MANY GAPS THAT PEOPLE HAVE TO FILL ON THEIR OWN. I WOULD ARGUE THAT AS A CIVIL SOCIETY, WHAT WE SHOULD BE DOING IS INVESTING IN PUBLIC TRANSPORTATION AS A PUBLIC GOOD THAT IT IS. WHATEVER REASON, WE'VE ACCEPTED THE STATUS QUO, MAYBE IT'S THE CURRENT ADMINISTRATION, I DON'T KNOW. BUT WE HAVE ACCEPTED THE FACT THAT WE WILL PAY FOR ROADS AND BRIDGES BUT WE EXPECT RIDERS AND OTHER FOLKS TO PICK UP THE TAB WHEN IT COMES TO OUR PUBLIC TRANSPORTATION AND WE NEED TO AT A STATE LEVEL START TO MAKE THOSE CRITICAL INVESTMENTS. WHETHER IT'S \$15 BILLION, \$2 BILLION, DOES IT REALLY MATTER BECAUSE WE'RE SPENDING SO MUCH MORE ON REPAIRING ROADS AND LEAVING PEOPLE STRANDEDDISH TRAFFIC WHICH MEANS THEY'RE NOT GETTING HOME TOLL THEIR KIDS TO COOK A HEM THEE MEAL, TO VOLUNTEER OR READ TO THEIR CHILD. IT'S A MAJOR QUALITY OF LIFE ISSUE. THAT'S WHY I SPEAK AT PUBLIC HEALTH SOCIAL WORKER HEARING OVER AND OVER AGAIN THE STRESS THAT OUR SYSTEM CAUSES, KNOWING THAT THE NORTH-SOUTH RAIL LINK WILL TAKE 55,000 CARS OFF THE ROAD MEANING PEOPLE ARE FREE TO TRAVEL A LOT FASTER AND BETWEEN POINT A AND B. ALLOWS FOR US TO MAKE CLEAR INVESTMENTS IN THE OVERALL TRANSIT SYSTEM SO THAT WE HAVE MORE ALLOWABLE TRANSIT IN THE EARLY AFTERNOON. SO PEOPLE CAN GET THE TRAIN RELIABLY. I THINK WE OUGHT TO BE TAKING REALLY HARD LOOK AT.

THIS PARTICULAR MOTION, THIS MOVE TOWARD ADDRESSING THE LINK IS I THINK REALLY INCREDIBLE AND IMPORTANT START. AND I WOULD LIKE FOR US TO CONTINUE THE CONVERSATION SO THAT WE CAN MAKE SURE WE'RE FULLY CONNECTING OUR STATE INCLUDING THE WEST AND EAST LINK AS WELL. I APPRECIATE THE OPPORTUNITY TO SPEAK. I HAVE RUN OVER MY TIME, I APPRECIATE THE PATIENCE OF JUST HEARING ME TALK ABOUT THAT MY CONSTITUENTS EXPECT. I HAVE BEEN TALKING TO COMMUNITIES ON THE PLATFORM, GOVERNMENT COUPLE HOURS IN THE MORNING TO TALK ABOUT WHAT THEY'RE PAIN POINTS ARE AROUND. I HAD A COMMUTER -- I HAD A TRANSIT TO BE HALL LAST MONDAY NIGHT AND NORTH SOUTH RAIL LINE CAME UP THAT IS CRITICALLY IMPORTANT. SO THAT THEY CAN TAKE THE COMMUTER RAIL TO GET TO THE AIRPORT TO, GET TO WORK AND KEEP MOVING ABOUT THE STATE. THANK YOU VERY MUCH. [APPLAUSE] >> THANK YOU, REPRESENTATIVE. >> I JUST WANTED TO SAY THAT I HAVE THE TOWNS AND CITIES THAT THE REPRESENTATIVE HAS IN MY DISTRICT. TO IDENTIFY MYSELF, I'M --ELECTED GOVERNOR'S COUNCIL THERE ARE 800.000 PEOPLE THAT LIVE IN MY DISTRICT FROM BACK BAY. I'M NOT GOING TO TELL YOU ALL OF THE COMPLAINTS THAT I GET FROM MY CONSTITUENTS. I'VE BEEN REPRESENTING THEM FOR 20 YEARS. BUT I DO WANT TO SAY THAT I AM VERY FORTUNATE THAT IN MY DISTRICT I HAVE HAD THE BEST PEOPLE REPRESENTING ME ON THIS ISSUE. GOVERNOR DUKAKIS HAS NEVER GIVEN UP ON THIS. AND JOHN TAHJ ALSO MY

REPRESENTATIVE ELDRIDGE. I'M NOT GOING OVER EVERYTHING THAT YOU HAVE HEARD. ALL I CAN SAY THERE'S NOT ONE WORD THAT I CAN ADD TO THE WORK AND THE WORDS OF THE PEOPLE THAT HAVE BEEN INVOLVED IN THIS FOR YEARS. I THANK ALL THE PANEL CYST AND I THANK COUNCILOR GOSH AND COUNCILOR WU AND YOUR TRANSPORTATION COMMITTEE. WE NEED YOUR HELP. THAT HAS BEEN GOING ON FOR DECADES AND THE NEED IS INCREASING. ALL I WANT TO SAY IS, MASSACHUSETTS RANKS 47th IN THE NATION FOR LONGEST COMMUTE TIMES AND 4nd IN THE NATION FOR TRANSPORTATION INFRASTRUCTURE QUALITY. I THINK IT'S TIME WE DID SOMETHING. WE NEED YOUR HELP AND I THANK YOU ALL FOR THIS OPPORTUNITY. [APPLAUSE] >> THANK YOU VERY MUCH. THANK TO YOU MY COLLEAGUES WE'LL **RESUME QUESTIONS FOR THE PANEL** STARTING WITH COUNCILOR FLYNN. >> THANK YOU, COUNCILOR WU, I'D LIKE TO MAKE THIS -- I'D LIKE TO ASK THE QUESTION TO ANY OF THE PANELIST, IS THAT WOULD LIKE TO ABS. I KNOW JOHN FROM THE SIERRA CLUB MENTIONED THE RECENT STUDY ON AIR QUALITY IN CHINATOWN THAT WAS RECENTLY DONE. THERE WAS A PRESS CONFERENCE LAST MONTH, I ATTENDED IT WITH COUNCILOR WU AND ENVIRONMENTAL CHIEF CHRIS COOK AS WELL FROM THE MAYOR'S OFFICE. IT BASICALLY SAID CHINATOWN HAS THE WORST AIR QUALITY OF ANY NEIGHBORHOOD IN THE STATE. AND I KNOW THAT HAS -- I KNEW THAT BEFORE THE STUDY WAS DONE FROM BEING OVER THERE ALL THE TIME. BUT I'M JUST WONDERING MAYBE GOVERNOR DUKAKIS, WHAT TYPE OF

IMPACT WOULD THE NORTH-SOUTH RAIL HILLARY CLINTON HAVE ON THE ENVIRONMENT AND IMPACT NEIGHBORHOODS OF CHINATOWN OR THE LEATHER DISTRICT, THE SOUTH END IS RIGHT NEAR THE SOUTH END. SOUTH STATION, SOUTH BOSTON IS THERE, SHORE POINT, CAN YOU COMMENT ON THAT? >> IT WOULD BE HUGE. ADJUST THIS A LITTLE BIT IN HIS FOUR PAGER FOR YOU YOU WANT TO TAKE A LOOK AT THAT. **BUT I THINK THE 55,000 FIGURE** NUMBER OF CARS TAKING OFF THE ROAD IS REALLY ANCIENT. THERE ARE A LOT MORE CARS IN THE CITY. I THINK WE'RE TALKING 70-80,000 CARS OFF THE ROAD THAT IS GOING TO HAVE ENORMOUS IMPACT. SOME NUMBER OF YOUR ANALYSIS. >> BIG NUMBER IS EVERY SINGLE WORK DAY, 118 TONS OF CO2 WILL BE TAKEN OUT OF THE AIR. THAT HAD BEEN INTRODUCED BY AUTOMOBILES. TO ME THAT'S HUGE. BEYOND THAT, I MEAN THERE'S A LOT OF MINOR THINGS BUT THAT'S A BIG ONE. >> THANK YOU. ASK JOHN IF HE'S STILL HERE WE SHOULD SUBMIT TO YOU A STUDY DONE BY SOMEONE NAMED JEREMY MARIN SOME WORKING GROUP MEETINGS ABOUT ENVIRONMENTAL AFFECTS WHICH IS BROADER LOOK. BUT IT WOULD BE VERY VALUABLE I'LL MAKE SURE YOU FOLKS GET IT. JOHN CAN SPEAK TO THIS, PERHAPS, BUT IT WAS DONE SEVERAL YEARS AGO, IT'S A FANTASTIC, VERY HONED IN COMMENTARY ON THE ENVIRONMENTAL AFFECTS OF NORTH-SOUTH RAIL LINK. ONE REASON WHY THE SIERRA CLUB, ENVIRONMENTAL LEAGUE OF MASSACHUSETTS JOINED THE ENVIRONMENTAL AFFECTS OF TAKING THAT MUCH POLLUTION, GREENHOUSE GASSES OUT OF THE AIR. AT THE SIERRA CLUB, ALSO GAVE YOU A LOT OF OTHER STUFF. I TURNED IN AS YOUR PERSON

NOTED, RESOLUTION SEVERAL YEARS AGO THAT TALKS ABOUT GREENHOUSE GASSES.

YOU FOLKS HAVE THAT AS PART OF THE RECORD.

>> THANK YOU, REPRESENTATIVE. THANK YOU, GOVERNOR.

I GUESS MY FINAL QUESTION, CAN ANYBODY TALK ABOUT THE GOA OWE GRAPHIC AREA OR POTENTIAL ROUTE THAT THE NORTH-SOUTH RAIL LINK WOULD GOING COVERING FROM NORTH STATION TO SOUTH STATION. IS THERE ANY DESIGNATED OR AREA THAT YOU ARE REALLY FOCUSED ON IN TERMS OF --

>> NO ALIGNMENT, THAT WOULD BE IN THE OFFICIAL PROCESS, OKAY? THAT'S WHY WE WANT TO RESUME THAT PROCESS.

ALTERNATIVE THAT WAS SUGGESTED BY THE STUDY NOW WHICH IS STUDY DICTATED, WE CAN'T TELL, SEE, IT WOULD BE LIKE -- IF WE WERE TALKING TOO MUCH LIKE GIVING ONE TEAM FIVE RUNS BEFORE THE GAME STARTED.

WE HAVE TO DO AND COOPERATE, ALL OF US HAVE TO COOPERATE, IF WE **RESUME THAT PROCESS WE'LL ALL BE** ALLOWED TO PARTICIPATE AND WE TRUST THAT YOU GUYS AS OFFICIAL CITY COUNCIL BOSTON WOULD PARTICIPATE IN THAT ENVIRONMENTAL REPORT DONE UNDER THE US 'TIS OF THE ENVIRONMENTAL OFFICE OF ECONOMIC, THAT WORD ENVIRONMENTAL AFFAIRS, DOT WHICH CAN PARTICIPATE BUT THAT'S WHERE TO DO THAT, WE CAN'T REJUDGE EXACTLY WHAT TO DO RIGHT NOW. >> WHO WOULD MAKE -- IF IT DID HAPPEN, WHO WOULD MAKE THE DECISION TO OUTLINE THE ROUTE OF THE NORTH-SOUTH RAIL AND IMPACT OF NEIGHBORHOODS. WHAT ROLE WOULD THEY HAVE IN WEIGHING IN ON THIS? >> YOU WANT TO TALK ABOUT THAT? >> TWO QUICK THINGS, CLAY CAN FOLLOW UP I WANT TO RESPOND TO YOUR ENVIRONMENTAL QUESTION AS WELL. BECAUSE THE RAIL LINK MAKES

SOUTH STATION EXPANSION **OBSOLETE, THERE WOULD BE LESS IDLING TRAINS, SOUTH STATION** EXPANSION WOULD WANT TO ADD ANOTHER SEVEN TRACKS WHICH MEANS SEVEN TRACKS OF MORE IDLING TRAINS. IN THAT CIRCLE SECTION. THE RAIL LINK WOULD BE ABLE TO PUSH ANY TRAIN STORAGE OUT TO. I HATE TO SAY LIKE LESS VALUABLE LAND BUT AWAY FROM THE CITY AREA AND NEW FLEET OF TRAINS, MORE ENVIRONMENTALLY FRIENDLY. BUT FOR THE MAIN BULK OF IT ACTUALLY WOULD MEAN LESS TRAINS SITTING, WAITING. THE OTHER QUESTION ABOUT ALIGNMENTS IS WHILE MASS DOT DID PICK -- THERE IS PREFERRED ALIGNMENT THERE ARE TWO THAT IS LOOKED AT. CONGRESS STREETS AND ARTERY. CONGRESS STREET AS CLAY WAS TELLING YOU SHORTER. MIGHT BE CHEAPER IN THE LONG RUN. SO THOSE ARE TWO PATHS TO BUILD THIS. THEY HAVE BEEN TALKED ABOUT IN THE PAST BUT I WANT TO COVER BOTH ENVIRONMENTAL AND THAT. >> AND ANOTHER STILL SMALL POINT FOR THE MOST PART THE ABOVE GROUND IMPACTS AS TALKED ABOUT WOULD BE LIMITED TO THAT BOX AREA WHERE YOU'RE MAKING **RECTANGULAR AND LOWERING THE** MACHINE IN THERE. **NEIGHBORHOODS LIKE -- CHINATOWN** IS RIGHT NEXT TO SOUTH STATION, THE TUNNEL BORING MACHINE WOULD BE WELL UNDERGROUND AT THAT POINT. MOST LIKELY LOCATION FOR THOSE

LAUNCH BOXES ANYWAY WOULD BE AREAS WHERE THERE'S ALREADY RAIL AND INDUSTRIAL USES ALREADY THERE.

IT WOULD COME OUT LIKE IT WOULD START AROUND BACK BAY IN THAT HIGHWAY AREA OR WHEN IT CIRCLES THEN WOULD COME OUT NORTH OF NORTH STATION IN THE AREA WHERE THERE'S ALREADY RAIL YARDS. >> JOE COVERED IT MOST. THE TWO MAIN CORRIDORS ARE UNDER THE CENTRAL ARTERY WHICH IS EASY BECAUSE LOT FEWER THINGS TO AVOID. CONGRESS STREET IS VERY NARROW SO WHAT THEY HAVE LOOKED AT. TWO PARALLEL, SIDE BY SIDE TUNNELS THEY ARE ON TOP OF EACH OTHER TO FIT THROUGH THE CORRIDOR. A LITTLE MORE ENGINEERING. PROBABLY A LITTLE MORE DI DIFFICULT. BUT IT IS A SHORTER ROUTE. ONE OF THE PROBLEMS WITH THE STUDY, 4% OF THE STUDY WAS USED TO LOOK AT BENEFITS. AND TAKE AN ALTERNATIVE YOU REALLY NEED A NARROWLY THOROUGH AND BALANCED COST BENEFIT APPROACH. >> THANK YOU TO THE PANELISTS FOR TAKING MY QUESTION. THANK YOU FOR YOUR WORK FOR BEING HERE TONIGHT. >> THANK YOU, COUNCILOR FLYNN. COUNCILOR BAKER. >> THANK YOU, MADAM CHAIR. MAYBE THIS IS FOR YOU WHEN YOU TALK ABOUT GETTING BACK TO THE PROCESS IS THAT THE 10 MILLION THAT ENVIRONMENTAL IMPACT STUDY THAT THE SENATOR WAS TALKING ABOUT EARLIER. TEN MILLION TO RESUME **ENVIRONMENTAL -- ENVIRONMENTAL** PROCESS. THEY DID TWO MILLION WHICH IS THE FIRST PART OF THE PROCESS. >> TWO MILLION WAS BASICALLY FOR ILLEGITIMATELY BY THE STATE AND DIDN'T GET SENT TO THE ENVIRONMENTAL OFFICE WHERE IT SHOULD HAVE GONE. TECH MILLION WAS, WE QUITE FRANKLY ARE ASKING FEDERAL GOVERNMENT THROUGH CONGRESS. TALKED ABOUT -- TALKING TO EACH OTHER I TALKED TO NEIL'S STAFF. THEY REQUEST 60 MILLION. THAT'S A SMALL AMOUNT. SOUTH STATION EXPANSION BY THE WAY -- 60 MILLION FOR ANOTHER **IMPACT STUDY FROM --**>> TO COMPLETE THE ENVIRONMENTAL

DOCUMENTS WHICH IS REASONABLE. BECAUSE SOUTH STATION EXPANSION PROJECT THAT IS NOT A GOOD PROJECT IS NOT GOING TO EVER HAPPEN. >> THAT WAS OVER 42. >> IS IT -- DOES IT NEED TO BE HANDLED LEGISLATIVELY? IS THIS AN ISSUE WHERE, DO LEGISLATORS OR MAYBE YOU CAN ANSWER THAT OR WHOEVER, IS LEGISLATURE LOOKING AT THIS AS MAYBE A BOSTON BENEFIT, DO WE NOT HAVE LEGISLATURE ON BOARD? >> THEY ARE -- THEY APPROPRIATE IN THE CAPITAL BOND TEN MILLION. THEY'RE ON BOARD. BUT 110 LEGISLATORS AS WE TALK. 25 SENATORS ON NORTH SOUTH. THAT WAS 68 IN MAY NOW THERE'S 1 110. UNANIMOUSLY PASSED THE TEN MILLION I GIVE CREDIT TO JAMIE ELDRIDGE. THE IDEA CAME TO US THROUGH MIKE DUKAKIS AND MYSELF. HE'S HOUSE CHAIR OF THE BONDING COMMITTEE. THE SPEAKER IS IN THE NORTH SOUTH WORKING GROUP. >> THIS STUDY GETS US TO A POINT WHERE NOW THE STATE IS ON BOARD. THE GOVERNOR, WHEN WE SAY THE STATE. THE STATE TO ME --->> STATE LEGISLATURE. >> AND GOVERNOR. WE NEED BOTH OF THOSE BODIES ON BOARD TO GET THIS PACKAGE TOGETHER THEN BRING IT FEDERALLY. >> THE STATE LEGISLATURE HAS DONE ALL THEY NEED TO DO THEY GAVE THE TEN MILLION. WE'RE LOOKING FOR SUPPLEMENTAL FUNDS FROM THE FEDS. WE WANT THE GOVERNOR TO ASK FOR THEM BUT IF HE DOESN'T WE WANT THE CONGRESSMAN. AFTER ALL REPRESENTATIVE NEIL IS CHAIRMAN OF WAYS AND MEANS, WE'RE LUCKY IN MASSACHUSETTS. >> DO WE HAVE ANY ONE ON THE TRANSPORTATION. >> WE DO.

AND CONGRESSMAN FROM SOUTH BOSTON. >> LYNCH ON TRANSPORTATION. >> WE NEED YOU TO SIT DOWN WITH THE CONGRESSMAN FROM SOUTH BOSTON. >> WELL THAT'S MAYBE -- WHAT CAN I DO PERSONALLY -->> YOU TALK ABOUT AFTER THE HEARING, TOO. >> BECAUSE WHATEVER COST IS, IF **IT'S 5 BILL WHATEVER IT'S STILL** OUITE A LARGE COST. THERE'S A POLITICAL -->> WE'RE NOT GOING TO KNOW WHAT IT IS RIGHT AWAY. >> WHO IS GOING TO DO THE WORK POLITICALLY. >> 50% ELIGIBLE FOR FEDERAL. >> RIGHT. IT'S A NATIONAL -- NOT A LOCAL >> YOU HEARD FROM CLAY ABOUT VALUE ADDED RETURN AS WELL. >> WE WILL NEED YOUR CONSTANT PRESSURE ON THE FOLKS THAT ARE DOING THAT ENVIRONMENTAL ANALYSIS IF IN POINT IN FACT WE GET IT. PEOPLE ARE TALKING TO ME ABOUT FIVE YEARS, WHAT ARE THEY TALKING ABOUT FOR GOD SAKE? I FEEL LIKE -- MY MOTHER LIVED UNTIL SHE WAS 100. BUT FIVE YEARS TO ANALYZE THIS THING? IT'S GOING TO -- YOU FOLKS, I CAN'T EMPHASIZE THE IMPORTANCE OF CONSTANT PRESSURE BY YOU ON THE PROCESS. AND BY THE WAY, I HOPE YOU HAVE A CONVERSATION WITH THE CONGRESSMAN FROM SOUTH BOSTON. >> AND WITH THE MAYOR. >> AND THE MAYOR. >> WHEN IT BREAKS DOWN, 50% WOULD BE FED THEN THE OTHER 50% IS STATE TRANSPORTATION. >> VARIOUS FINANCING MECHANISMS. AS CLAY SAID THERE'S MANY OTHER

>> AS CITY OF BOSTON IF WHOEVER IS THE -- WHEN I SAY WHEN THIS HAPPENS BECAUSE I BELIEVE IT'S SOMETHING THAT IF WE'RE GOING TO BE SERIOUS ABOUT TRANSPORTATION, THEN WE NEED TO MAKE SURE THAT THIS HAPPENS. THE EFFICIENCY LIKE WHEN YOU THINK ABOUT IT, JUST THE **EFFICIENCIES IN NOT HAVE TURN** AROUND AT THE END, I WAS ON AMTRAK FOR A LITTLE WHILE. I KNOW A LITTLE BIT ABOUT TRAIN MOVEMENT, MY FATHER WAS -- MY FATHER BASICALLY I WAS FIFTH GENERATION RAILROAD WHEN I GOT TO THE RAILROAD. BUT THAT BEING SAID YOU CAN SEE THE EFFICIENCY IN THIS. WHOEVER IS THE MAYOR OF THE CITY OF BOSTON, WHAT IS GOING TO ENTICE THEM TO WANT TO PUT THAT PERSON TO PUT UP SO MUCH TOWARDS THIS WHEN THEY MAY LOOK AT IT AS WE'RE NOT ON THE HOOK, CITY OF BOSTON. BECAUSE WE PAY INTO THE STATE TRANSPORTATION ALREADY. >> LET ME SAY THIS, ONE ADVANTAGE OF THE LOCAL TRANSIT PROJECT IS THAT WE CAN GET SUPPORT FROM OTHER STATES. WE HAVE CONGRESSMAN FROM CONNECTICUT, TWO FROM NEW HAMPSHIRE, ONE FROM MAINE, LIEUTENANT GOVERNOR, WE HAVE -->> THAT IS NOT IN -->> THAT IS ANOTHER THING. WHERE WE HAVE SUPPORT FROM MAINE, NEW HAMPSHIRE, VERMONT, IS THERE AN OPPORTUNITY TO TACK ON TO THEIR TRANSPORTATION, FEDERAL TRANSPORTATION MONEY? >> WELL THIS WOULD HAVE TO A DISCUSSION WHEN IT GETS TO THAT LEVEL. >> CERTAINLY HAVING THEIR SUPPORT MAKES THE POSSIBILITY OF MORE FEDERAL FUNDING. >> BECAUSE AT THE END OF THE DAY IT ALL COMES BACK TO POLITICS HOW -- AND WHO IS TALKING TO WHO AND HOW DO WE GET -- BIG DIG HAPPENED BECAUSE THE PEOPLE THAT WE HAD WORKING WERE SERIOUS ABOUT WHAT THEY WERE DOING. WORKING IN WASHINGTON BEHIND THE POLITICS. >> I THINK THE ANSWER TO YOUR QUESTION ABOUT WHY SHOULD THE CITY CARE. I THINK --->> I KNOW WHY THE CITY CAN CARE. >> THE POLITICAL WILL MAKE IT HAPPEN IS AGAIN THE CLIMATE CHANGE IMPACT AS WE TALK ABOUT SIGNIFICANT PARTS OF THE CITY BEING POSSIBLY UNDER WATER BY STORM SURGES. AND HEALTH IMPACTS IN CHINATOWN, SOUTH BOSTON, DORCHESTER, OTHER NEIGHBORHOODS. AS WELL AS THE TRAFFIC. I THINK WHERE YOU LOOK AT THE MOST RECENT STUDY THAT SHOW UP TO 30% OF PEOPLE HAVE CONSIDERED LEAVING THE BOSTON METRO REGION BECAUSE OF THE TRAFFIC, I THINK WE ARE GETTING CLOSE TO THAT BREAKING POINT BETWEEN HOUSING COSTS AND TRANSPORTATION TIME AND COST THAT FOLKS ARE THINKING ABOUT LEAVING. I THINK AGAIN THE POSSIBLE FUNDING SOURCE AGAIN. CREATING WHOLE NEW NEIGHBORHOODS AND WITH THAT CIRCLE. IN READVILLE. SOME OF THE THINGS THAT ARE IN THE CITY'S OWN HOUSING PLAN ABOUT WHERE NEW NEIGHBORHOODS ARE GOING TO GO ARE AREAS THAT WOULD BE SWAMPED BY LAYOVER YARDS IF WE EXPAND SOUTH STATION. THAT'S WHAT YOU START TO LOOK AT. YOU LOOK AT AREAS RIGHT NOW ARE >> THAT WOULD BE A BIG -- THAT WOULD BE CITY OF BOSTON RIGHT THERE IF WE ARE USING AS A TURN-AROUND YARD THAT'S NO BENEFIT. >> NO BENEFIT. NO TAX REVENUE. NOW YOU'RE TALKING WHOLE NEW AREAS THAT YOU CAN LEVERAGE FOR AFFORDABLE HOUSING, FOR TAX REVENUE, FOR RECREATIONAL SPACE. ALL OF THAT. I THINK AS WELL IF YOU HAD A

**TRAIN -- TRAINS COMING EVERY 15** MINUTES OR EVEN SMALLER FREQUENCIES COMING FROM JFK OR FOREST HILLS BECAUSE OF ALL THE LINES MEETING THERE, ALL OF A SUDDEN YOU HAVE AN EXPRESS TRAIN THERE. NOW IF YOU LIVE ANYWHERE SOUTH OF FOREST HILLS OR ANYWHERE IN THE VICINITY OF JFK YOU ARE HOPPING ON TO THE NEW REGIONAL RAIL AND FREEING UP CAPACITY ON THE -- THAT'S GOING TO DO MORE FOR ADDING CAPACITY AND ADDING **RESILIENCE TO OUR NETWORKS THAN** JUST ABOUT ANY OTHER PROJECT. >> INTERESTING. THANK YOU VERY MUCH. I'M GOOD, MADAM CHAIR. >> THANK YOU, COUNCILOR BAKER. COUNCILOR ESSAIBI-GEORGE. >> THANK YOU. WHAT I WANT TO BE HOPEFULLY OUICK BECAUSE I KNOW WE HAVE MORE PUBLIC TESTIMONY BEFORE US. IF ALL OF THIS IS APPROVED, THE STUDIES ARE DONE, THE PREEMPTIVE WORK IS DONE, WHAT IS THE TIMELINE ON CONSTRUCTION? BECAUSE WHEN WE THINK ABOUT WHAT IS THE SALES PITCH. FROM THE DAY WE BREAK GROUND AND WE'RE ALL THERE TAKING A PICTURE TO THE FIRST TIME THE LINK IS USED. WHAT IS THAT TIMELINE? >> IT ALL DEPENDS ON WHO IS SUPERVISING CONSTRUCTION. I CAN'T EMPHASIZE THAT ENOUGH. >> SO YOUR PICK, GOVERNOR, IS SUPERVISING CONSTRUCTION, THAT IS THE TIMELINE LOOK LIKE? >> WE LOOKED AT IT. THE MASS DOT STUDY LOOKED AT IT, MID POINT EVER CONSTRUCTION OF '28. IT COULD BE MOVED UP TO ABOUT 2022. SO THE PROJECT WOULD BE COMPLETE SAY IN THE LATE 2020s. >> SO AN EIGHT-YEAR PROJECT? >> EIGHT YEARS. >> THAT RADICALLY CHANGES ALL THE COST. EVERY YEAR WE USED TO HAVE --

MID POINT, WE CHANGE, ADD A YEAR TWO, YEARS, MORE COSTS. >> WE KNOW THAT FOR SURE. WHERE WE TALK A LOT ABOUT THE LONG ISLAND BRIDGE THAT'S VERY REAL. >> THE 2028 EXPLANATION IS 40% OF THE COST. IF YOU MOVE IT TO UP TO 2022 THAT MAKES IT ONLY 15% FOR INFLATION. IT'S DIFFERENT. AGAIN, THAT GETS INTO THE CONFUSION OVER THE DIFFERENT COST FIGURES THAT HAVE BEEN SENT OUT THERE. TALKING CURRENT DOLLARS. SO NO ONE IS CONFUSED. >> SAM AND I HAVE -- IF I MAY INTERRUPT. ONE SUGGESTION. I'D LOVE TO SEE YOU AS A BODY ASK THE GOVERNOR FOR A MEETING ON THIS ISSUE. YOU AND THE GOVERNOR. [APPLAUSE] >> I HAVE ASKED THE GOVERNOR FOR OTHER MEETINGS WITH NOT GREAT AFFECT. THE T HAS DECLINED TO COME TO MEETINGS THAT WE HAVE BEEN TRYING TO HAVE ON THE LOCAL SETTLEMENT PAYMENT. >> DON'T YOU WANT TO MEET HIM IN HIS OFFICE AT THE STATE HOUSE, JUST A SUGGESTION. >> CLAY, YOU MENTIONED, MAKE SURE I WROTE THIS CORRECTLY, YOU MENTIONED THAT A PERCENTAGE OF THE FLEET IS ON THE SOUTH SIDE. >> 62% OF THE FLEET, IF YOU LOOK AT THE NUMBER EFFLUENTS THAT COME INTO SOUTH STATION VERSUS NUMBER OF LINES THAT COME INTO NORTH STATION TWO, THIRDS ROUGHLY OF THE FLEET AND CARS ALL LIVE SOUTH OF CHARLES RIVER. AGAIN. THE ENGINE TERMINAL IS NORTH THEY ALL HAVE TO GO THERE FOR SERVICE. WHEN THEY HAVE MAJOR SERVICE. THAT'S A BIG DEAL. AGAIN, WE'VE TALKED ABOUT THE INS AND OUTS TO THE STATIONS,

THE LAST STUDY WE DID AN EXTENSIVE LOOK AT THAT AND LOOKED AT OPERATIONAL SAVINGS OF **\$80 MILLION A YEAR JUST BECAUSE** OF THE RUN-THROUGH SERVICE. >> I CAN ADD ON, I'M A CAMBRIDGE RESIDENT I HEAR THE TRAIN GO BY FEW BLOCKS FROM MY APARTMENT EVERY EVENING AS THEY'RE MOVING EQUIPMENT BACK. MASS DOT IS GETTING READY TO STRAIGHTEN OUT THE PIKE, AL ALLSTON, MY UNDERSTANDING, CHAIR HAS DONE A LOT OF WORK ON THIS THAT CONSTRUCTION IS GOING TO CAUSE GRAND JUNCTION TO CLOSE, CORRECT? WHICH MEANS, COMMUTER RAIL TRAINS WILL HAVE TO GO FROM NORTH STATION AND VICE VERSA THROUGH I THINK WORCESTER TO ACTON ALL THE WAY AROUND GOING TO COST EXTRA HOURS FOR QUICK COMMUTE NOT VERY WELL THOUGHT OUT. UNFORTUNATELY THAT WILL HAPPEN LOT SOONER THAN THE RAIL LINK CAN. THESE ARE FEATURE THINGS WE NEED TO LOOK AT. IF ANYTHING HAS TO HAPPEN TO THE GRAND JUNCTION IN THE FUTURE WITH RAIL LINK IN PLACE, THE TRAINS DON'T HAVE TO GO ALL THE WAY AROUND TO WORCESTER. THEY JUST GO THROUGH. IT'S WHAT'S GOING ON CURRENTLY AS BIG ISSUE WITH THE GRAND JUNCTION. >> ONE OF THE WORST ASPECTS OF THE SOUTH STATION EXPANSION PROPOSAL WHICH THE SIERRA CLUB HAS CRITICIZED NUMEROUS TIMES IS THE CREATION OF THREE LAYOVER YARDS, THIS IS SANDWICHED BETWEEN SOUTH BOSTON, ROXBURY AND DOWNTOWN. AND THERE WILL BE TWO MORE LAYOVER YARDS, ONE OF THEM WOULD **BE IN ALLSTON WHERE I-90** INTERCHANGE IS NOW. THE THIRD ONE WOULD BE IN READVILLE IN HYDE PARK.

THESE LAYOVER YARDS WOULD HAVE

TRAINS IDLING DAY AND NIGHT, SOMETIMES DURING COLD WEATHER THEY WOULD HAVE TO IDLE ALL NIGHT.

SO THE PEOPLE WHO LIVE IN THESE CONGESTED URBAN NEIGHBORHOODS WOULD NOT ONLY HAVE TO DEAL WITH THE FUMES AND PARTICULATES EVER THOSE DIESEL ENGINES, BUT THEY WOULD HAVE TO DEAL WITH THE NOISE.

WHEREAS IF YOU HAD THE RAIL LINK AND ELECTRIFIED, THE TRAINS COULD BE SAFELY STORED MUCH LESS OBTRUSIVELY OUT -- FURTHER OUT FROM THE CITY AWAY FROM WHERE LOTS OF PEOPLE LIVE.

AND I THINK THAT IS A VERY VITAL ASPECT THAT NEEDS TO BE DISCUSSED.

DISCUSSED.

BUT WHAT THE COMMONWEALTH IS PROPOSING IS BASICALLY IN THE SOUTH STATION EXPANSION

AGGRAVATING AND ENVIRONMENTAL

DISASTER THAT ALREADY EXISTS.

>> ANOTHER THING NOT MENTIONED A

LOT OF TALK ABOUT ELECT TRIFICATION OF THE ENTIRE

SYSTEM.

THAT IS SOMETHING THAT WON'T BE DONE OVERNIGHT.

I THINK THEY RECOGNIZE THAT FOR A WHILE THEY HAVE TO BE DUAL MODE LOCOMOTIVES.

ALSO TALKING ABOUT DUAL MODE, NOT THAT UNITS, LIKE SUBWAY TRAINS.

SO THOSE WOULD BE -- WOULD BE ONE MODE THAT WOULD ELECTRIFY PART OF THE SYSTEM.

THE TOWN ITSELF WOULD HAVE TO BE RECTIFIED SO YOU HAVE TO HAVE MORE DUAL LOCOMOTIVES TO START

USING RIGHT AWAY.

AMTRAK CAN USE IT RIGHT AWAY AS IT'S ALREADY ELECTRIFIED. ONE THING I WANT TO EMPHASIZE IS THE DUAL MODES. THE OTHER ONE

THEY KEEP TALKING ABOUT IS

DIESEL.

ONE SHOULD BE ELECTRIC, THE OTHER ONE SHOULD BE ANYTHING BUT DIESEL.

>> I WANT TO APOLOGIZE BECAUSE I

HAVE ANOTHER COMMITMENT. I'M GOING TO LEAVE VERY SKILLED LEADERSHIP OF THE SPONSOR TO MAKE OUR WAY THROUGH PUBLIC TESTIMONY. JUST WAY THROUGH PUBLIC TESTIMONY. I WANT TO SAY I SUPPORT THE SPONSOR'S WORK ON THIS AND THE WORKING GROUP. I WANT TO THANK YOU ALL FOR COMING. AGAIN I CAN NOT STAY FOR ALL PUBLIC TESTIMONY. >> THANK YOU. >> THANK YOU, CHAIRMAN WU, FOR YOUR LEADERSHIP ON. THE PANEL IS WELCOME TO SIT HERE DURING PUBLIC TESTIMONY. IT'S UP TO YOU. AS I CALL UP THE NEXT INDIVIDUALS FOR PUBLIC TESTIMONY. REMIND YOU TO BE AWARE OF THE TIME THAT YOU SPEND DURING THE TESTIMONY. NEXT WE HAVE UP, AGAIN YOU CAN USE BOTH MICRO PHONES. I WILL CALL A FEW PEOPLE UP TO BE CUED. >> DAVID, WE'RE READ OWE FOR YOU. THANK YOU. >> WELL, I'M SORRY I'M COMING IN AS EVERYONE IS LEAVING. I'M DAVID COULD OFLIN PART OF THE WORKING GROUP FOR THE NORTHSOUTH RAIL LINK. I'M FROM MASSACHUSETS. I'M NOW LIVING IN WATERTOWN. I'M HERE TO ADDRESS THE BENEFITS FOR THE HOUSING AND EMPLOYMENT FOR THE NORTHSOUTH RAIL LINE. >> IF YOU TAKE A LOOK AROUND THERE WAS MORE PEOPLE IN HERE -->> DAVID. I'M SORRY. THIS IS DISTRACTING. THANK YOU. THANK YOU. >> I THOUGHT WOULD I GIVE A ENTERTAINING SPEECH AT THE BEGINNING. >> AS A FORMER HIGH SCHOOL TEACHER AND MOTH MOTHER OF FOUR **TEENAGERS -- THANK YOU.** >> NO PROBLEM. AS YOU LOOK AROUND I WANT TO ADDRESS THE STAKE HOLDERS IN THIS PROJECT, THOSE THAT WILL BEEN FIT GREATLY. THOSE ARE THE COLLEGE GRADS, NEW HIRES AND PEOPLE OF LOW INCOME. I'M HERE TO REPRESENT THE VOICE OF THOSE PEOPLE. IN THE CITY OF BOSTON WE HAVE A LOT OF HIGH VALUED JOBS. SOME HAVE TO TRAVEL THROUGH THE CITY TO GET THIS THEM. IN BOSTON WE HAVE A VERY MOTIVATED WORK FORCE. WE HAVE A VERY DISCONNECTED TRANSPORTATION SYSTEM TO GET EVERYONE WHERE THEY NEED TO BE. DIRECT ACCESS IS LIMITED TO THESE JOBS, AND THERE -- OR IT'S NOT EXISTENT. BEYOND THIS THERE ARE DELAYS AND TRAFFIC OF BOSTON. -- 2019 COST OF LIVING WAS PUT OUT COMPARING ALL THE SIT OWES HAD THE WORLD. BOSTON IS THOU ONE OF THE MOST FIFTY MOST EXPENSIVE CITIES TO LIVE IN. IT HAS MOVED UP 20 PLACES FROM LAST YEAR. THAT'S TOO EXPENSIVE FOR THE NEXT FLIGHT OF YOUNG SCHOLARS AND INNOVATORS. WHERE IS THE AFFORDABLE LIVING. IT GOES WITHOUT SAYING THE LIVING PRICES ARE WAY **OVERPRICED FOR MEAGER CONDITIONS** IN BOSTON. IN CONTINUED STAKE HOLDERS HAVE LIMITED FREEDOM TO WHAT THEY WANT. THEY HAVE TO CHOOSE BETWEEN PRICE AND LOCATION. AFFORDABLE LIVING AREAS HAVE LOW ACCESS FOR TRANSPORTATION, DON'T HAVE DIRECT ROUTES TO OPPOSITE SIDES OF THE CITY. THAT GOES TO SAY WITH LOW INCOME ISSUES, COLLEGE GRADS MOST FACE \$35,000 IN DEBT AND FOR MEDICAL STUDENTS IT'S MUCH HIGHER THAN THAT.

THIS IS ANOTHER PROBLEM WHERE WE FACE FARE HIKES, A HUGE INSULT AFTER JULY 1st. NOT ONLY TO SAY THE SERVICE IS STILL UNRELIABLE, AND WE'RE TRYING TO MAKE THE MOST OUT OF IT. WE'RE DRIVING OUR CARS TO WORK BECAUSE WE CAN DEPEND ON OURSELVES TO GET THERE ON TIME AND TAKING AOUBER AND LYFT. AS A RESPONSE WE'RE BLAMED FOR BEING LATE TO WORK. THE CITIES BLAME UP FOR THE CONGESTION ON OUR STREETS AND WE CONTRIBUTE TO THE RISING LEVEL OF OMISSIONS. THE TRUTH OF THE MATTER IS WE WANT TO GET TO WORK ON TIME. WE WILL DO ANYTHING WE CAN TO GET TO WORK. IT SEEMS THE CITY'S SOLUTION NOW IS TO RAISE TAXES. HOW DOES THAT FIX THE PROBLEM? I CAN SAY IT DOESN'T. IT MAKES US MORE ANGRY. DOESN'T PUSH US TO USE PUBLIC TRANSPORTATION SYSTEM. WITH THE NORTHSOUTH RAIL LINK IT'S NOT ONLY A LINK BETWEEN NORTH AND SOUTH STATION BUT IT CONNECTION US AND THE A JOINING COMMUNITIES SURROUNDING GREATER BOSTON. PEOPLE HAVE DIRECT ACCESS TO THEIR JOBS, MORE COMFORTABLE LIVING -RG THAT IS LESS EXPENSIVE THEN THE PRICES WE FACE NOW. I WISH THE PANEL WAS STILL HERE BUT THE DELAYS --->> SOME ARE HERE. >> SORRY. THIS IS A GREAT EXAMPLE HE HAS PUT 20 YEARS INTO THIS PROJECT. I'M 22. ALRIGHT SO JUST TO SHOW THE AGE OF HOW LONG THIS PROJECT HAS BEEN PUT OFF AND IT'S STILL NOT BEING DONE. YET THE MTBA TELLS US THIS IS A BAD PROJECT. **REFERRING THIS AS THE NEXT BIG** DIG.

WHEN YOU CALL IT THE BIG DIG YOU'RE DISCOURAGING PEOPLE THAT WE DON'T NEED THE PROJECT, WE DO NEED IT WE HAVE PROJECTS HIKE THE SOUTH STATION EXPANSION. IN THE STATE AIL PLAN THERE IS NOTHING ON THE NORTH SOUTH RAIL HRUFRPBG. THUNK ABOUT THE BENEFITS FOR THIS, THE BENEFITS FOR MY GENERATION, AND STOP LOOKING AT THE COST BUT THE OVER ALL VALUE OF THE PROJECT. THIS REGION NEEDS THIS RAIL SYSTEM. MY CLOSING REMARKS IS THIS. AS CITIZENS OF BOSTON WE HAVE TWO OPTIONS. DIG THE TUNNEL BETWEEN NORTH AND SOUTH STATION OR WE CAN CONTINUE DIGGING A HOLE THAT PUTS THE CITY DEEPER AND DEEPER INTO THE GROUND. WHICH IS MAKING IT THAT MUCH HARDER TO CHIME OUT OF THIS PITFALL. WE, MY GENERATION, IS THE ONE THAT HAS TO LIVE WITH THE DECISIONS YOU ALL MAKE. I REALLY APPRECIATE EVERYONE LISTENING. AND I HOPE EVERYONE HAS A NICE DAY. [APPLAUSE] >> DID YOU, DAVID. >> HI, I'M ROBERT. I LIVE IN. I'M A PROFESSOR OF ECONOMICS AT MIDDLESEX COLLEGE IN BEDFORD AND LOWELL. AS ONE FACES THE SITUATION OF GETTING THAT BOSTON, I DON'T COMMUTE. I COME IN PERIODICALLY FOR MEETINGS AND CONFERENCES AND THIS EVENT AND TOURISM. YOU HAVE A LESSER OF TWO EVILS. YOU HAVE THE TRAFFIC NIGHTMARE, TRAFFIC AND PARKING NIGHTMARE OR THE PUBLIC TRANSPORTATION NIGHTMARE. I LIKE THE COUNCIL, I WONDER IF THE COUNCIL HAS THOUGHT ABOUT AS EVEN THE BEST CASE SCENARIO THIS SOUNDED LIKE EIGHT TO TEN YEARS.

BEFORE THE FIRST PEOPLE GET ON THE NEW TH-GT SOUTH RAIL LINK. WHAT WILL HAPPEN IN THAT TIME TO AUTOMOBILES AND CARS. THE GOOD NEWS IS AS CARS GET MORE ASK MORE ELECTRIFIED THAT WILL HELP GREATLY WITH THE POLLUTION ISSUES. SOME OF THE THINGS THAT PEOPLE TALKED ABOUT. IT WILL HAPPEN FASTER THAN PEOPLE THINK. THE OTHER IS THE AUTOMATION ASK THE SELF DRIVING. HOW THAT WILL AFFECT PEOPLES DECISION ABOUT WHETHER TO DRIVE IN OR TAKE THE T. SO THE TWO SYSTEMS ARE COMPETING WITH EACH OTHER IF THE, THE PUBLIC TRANSPORTATION CONTINUES TO DETERIORATE WITHOUT THE NORTH SOUTH RAIL LINK THEY WILL TURN TO CARS. AUTOMATION AND SELF DRIVING CARS. WE WILL HAVE THIS WITHIN A COUPLE OF YEARS. THE RIDE SHARING SERVICES, YOU KNOW, THEY WILL V YOU KNOW THE ROBO TAXIS. SO, PEOPLE, IT WILL BE MORE ASK MORE CONVENIENT FOR PEOPLE TO USE THESE THUPGZ AND TURN MORE TO CARS. THEN THERE IS THE NIGHTMARE SCENARIO WHERE PEOPLE DRIVE IN. GET OUT OF THE CAR AND SEND THEIR CAR CIRCLING AROUND LOOKING FOR A PARKING SPACE. YOU CAN HAVE TRAFFIC JUST GET WORST AND WORST AND WORST WITH AUTOMATED SELF DRIVING CARS. I HOPE WILL COUNCIL THINKS ABOUT THIS AS THEY PUT THIS TRANSPORTATION PICTURE TOGETHER. THE OTHER THING IS IF PEOPLE DON'T HAVE TO PAY ATTENTION TO DRIVING THEY CAN SIT IN THE CAR AND IT'S ESSENTIALLY A OFFICE ON WHEELS. THERE ARE ALL KINDS OF THINGS TO THINK ABOUT. I HOPE YOU'RE TAKING INTO

CONSIDERATION. YOU NEED TO GET ON WITH THE PROJECT. IT'S A. IT'S A DAMAGE I BELIEVE PROJECT. THERE IS SO MUCH MORE THAT NEEDS TO BE DONE WITH INFRASTRUCTURE. YOU REALLY, AS PEOPLE HAVE SAID YOU HAVE TO DEMONSTRATE THIS CAN BE DONE SUCCESSFUL HEE. YOU HAVE ALL OF THESE OTHER THINGS TO BE DONE IN THE COMING YEARS. INCLUDING CLOY MAT CHANGE ADAPTATION. >> THANK YOU, ROBERT, VERY MUCH. WE HAVE MARCY NEXT AND PAUL ROGERS. >> I DON'T KNOW ANYBODY WHO THINKS THE WORD STUB IS AN ATTRACTIVE WORD. I'M VERY MUCH A BELIEVER IN WORDS, WORDS HAVE MEANING. JUST THINKING ABOUT STUB. WHO WANTS A STUB. MY NAME IS MARCY M. I AM SOMEONE WHO HAS WORKED AT THE CROSSROADS OF MONEY. POW SKPERT PUBLIC INTEREST FOR THE PAST 36 YEARS. 40 YEARS AGO THIS MONTH I WALKED INTO THE SUPER UNTENDENT'S OFFICE WITH BOB WOOD DURING THE HAYDAY OF THE BOSTON SCHOOL DESEGREGATION CASE. THE CITY THEN WAS DIVIDED BY ISSUES OF RACE AND SCHOOLING. FOR THE NEXT TWO YEARS I WORKED ON THE REMEDIAL PHASE OF THE CASE WHICH MEANT THE FIX IT PHASE. I SITE THAT BECAUSE I THINK IT'S IMPORTANT TO ACKNOWLEDGE A MISSING PARTNER IN THIS LARGER PICTURE. WHICH IS NOT JUST THE EXECUTIVE BRANCH. IT'S NOT JUST THE POLITICAL BRANCH. IT'S THE JUDICIARY. GOVERNOR DUKAKIS TALKED ABOUT THE BOSTON HARBOR CLEAN UP. THE FACT IT CAME IN ON BUDGET ON TIME. THERE IS A REASON FOR.

THAT BOSTON HARBOR CLEAN UP WAS PRESIDED OVER BY A FEDERAL JUDGE FOR PO YEARS, TWO FEDERAL JUDGES. FROM 1985 WHEN THE FIRST ORDER WAS ISSUED UNTIL 2016 AUGUST, JULY OF 2016, WHEN THE CASE CLOSED. THERE WERE 239 COURT ORDERS THAT WERE ISSUED TO ASSURE PEOPLE WERE DOING THEIR JOB. NOW I HAVE DONE A LOT OF WORK OVER THE YEARS LOOKING AT HOW MIGHT THE PUBLIC INTEREST BE SERVED BY ALL BRANCHES OF GOVERNMENT AS WELL AS THE PRIVATE SECTOR AND THE SO-CALLED NON PROFIT SECTOR. I HAVE TO SAY THAT WHERE AS 45 YEARS AGO THE CITY WAS BEING TORN APART BY RACE AND SCHOOLING, AND THE COURTS STEPPED IN NOT BECAUSE THEY WANTED TO BUT BECAUSE THEY HAD TO BECAUSE OF THE FAILURE OF LOCAL PUBLIC LEADERSHIP AND LOCAL ADMINISTRATIVE CAPACITY. **45 YEARS LATER THE SITUATION IS** REVERSED. THE CITY COUNCIL LOOKS A LOT DIFFERENT FROM THE CITY COUNCIL I REMEMBER IN 1978. THE BOSTON SCHOOL COMMITTEE LOOKS A LOT DIFFERENT THEN IT DID WHEN I WAS WORKING ON THE RACE CASE IN 1978. AT -- AS EXECUTIVE MANAGERS AND PUBLIC OFFICIALS THE BOSTON FORM OF SELF GOVERNMENT LOOKS AND BE HAEUFZ VERY DIFFERENTLY THEN BEFORE. IT'S MORE IN COLLUSIVE AND MORE DIVERSE, READY TO TACKLE THE DIVIDES THAT FACE THIS GREAT CITY. IN CONTRAST TO 40 YEARS AGO, IT IS A STATE, ESPECIALLY THE STATE EXECUTIVE BRANCH THAT IS MISSING IN ACTION WITH RESPECT TO THE NORTH SOUTH RAIL LINK. YOU HAVE HEARD FROM THE PROFITS. THE OLD WHITE GUYS. THEY'RE PROPHETS AND ARE ABLE TO ARTICULATE A VISION THAT MANY

PEOPLE WERE NOT ABLE TO ARTICULATE FOR DECADES. NOW YOU HEARD FROM DAVID A REPRESENTATIVE OF THE YOUNGER GENERATION, MANY PEOPLE ARE NOT HERE, THEY'RE PROBABLY STUCK IN TRAFFIC.

ANOTHER PROPHET WHO SPOKE TO BOSTON ALMOST 400 YEARS AGO WAS GOVERNOR JOHN WINTHROP. IN A SERMON HE GAVE ON THE GOOD SHIP ARABELLA ON IT'S WAY TO MASSACHUSETS, WITH THE SECOND LARGEST GROUP OF IMMIGRANTS IN THE NATION'S HISTORY TO LAND ON THESE SHORES AND FORM WHAT WOULD THEN BE CALLED THE MASSACHUSETS BAY COLONY.

HE MADE REFERENCE TO THE EYES OF THE WORLD ARE UPON US, WE SHALL BE A SHINING CITY ON A HILL. YOU ARE THE CITY COUNCIL, IN CONCERT WITH MEMBERS OF BOSTON CITY GOVERNMENT AND OTHER LEGISLATORS THAT YOU HEARD HERE TODAY ARE IN A POSITION TO HELPFUL FILL THAT COVENANCE THAT JOHN WINTHROP ISSUED ALMOST 400 YEARS AGO.

INSTEAD OF WAITING FOR THE COURTS TO COME IN AND KICK ASS, MAKING THINGS HAPPEN, EXCUSE MY FRENCH THIS.

IS A OPPORTUNITY FOR THE COMMON GOOD NOT JUST SPEAKING TO A TUNNEL BUT TO PWRAEUPBLG ACROSS MANY OF THE OTHER DIVIDES THAT DIVIDE NOT JUST THE CITY OF BOSTON BUT THE REGION AND THE ENTIRE NORTHWEST FROM MAINE TO MARYLAND TO WASHINGTON. THANK YOU.

>> THANK YOU, MARCY. >> THINK IT'S PAUL ROGERS WHO IS

NEXT.

>> THEN I HAVE MATT. BERRY BLUESTONE. BARRY WAS ON THE PANEL. THANK YOU. AND I HAVE BENJAMIN P. >> I WILL BE VERY BRIEF. >> THANK YOU. >> THANK YOU FOR ALLOWING ME TO SPEAK. MY BACKGROUND IS THIS I WAS --**1991 ABLE TO MAINTAIN THE MONEY** FROM GEORGE BUSH TO ELECTRIFY THE NORTHEAST CORRIDOR. THAT WAS DONE IN THREE MEETINGS OF THE WHITE HOUSE. THAT WAS MY INITIAL INVOLVEMENT IN THIS AREA. THIS PROJECT NEEDS TO HAVE BEEN DONE YESTERDAY. I THINK IT'S OBVIOUS TO EVERYONE IN THIS ROOM AT LEAST. WE NEED TO GET INTO THE GOVERNOR'S OFFICE ON A REGULAR BASIS AND NOT LEAVE UNTIL HE AGREES. THAT'S WHAT IT WILL TAKE. I ENCOURAGE ALL THREE OF US IN THIS ROOM TO GO AND SEE THE GOVERNOR IN PERSON, BECAUSE THAT IS WHAT IT WILL TAKE TO GET THIS DONE. THANK YOU, VERY MUCH. >> THANK YOU, VERY MUCH, JAMES. BENJAMIN. >> BENJAMIN P. [APPLAUSE] >> LIVE IN JAMAICA PLANES. I'M EXECUTIVE CHAIR OF THE MASSACHUSETS CHAPTER OF THE SIERRA CLUB. I REPRESENT THE DUE PAYING MEMBERS OF THE CLUB. I WILL BE SHORTED. THANK YOU FOR HAVING US. I LIKE THE SIERRA CLUB. THE ORGANIZATION ADVOCATES FOR LONG RANGE CLIMATE CHANGE PLANNING AND WE DON'T TAKE OUR EYES OFF. THE RAIL DOES THAT TOO. THIS BENEFITS THE QUALITY OF LIFE, MOBILITY AND REGIONAL INTEGRATION. THE TIME PEOPLE SPEND IN TRAFFIC AND WAIT FOR TRAINS CAN EARN BACK TO THE RAIL LINK. GIVING THE COMMONWEALTH HOURS WITH THEIR FAMILY, TO WORK AND SAVER THAN IN THEIR CARS. THIS SUPPORTS THE IDEA OF THE GPI. MAYBE WE HAVE HEARD OF IT IT'S AN IMPORTANT APPROACH TO

EVALUATING OUR QUALITY OF LIFE THAT PROFESSOR BLUESTONE DESCRIBED EARLIER. I GREW UP IN NEW HAMPSHIRE. THE MAYOR IS YOU THERE SUPPORTS THIS RAIL LINK. I WENT TO SCHOOL AT UNH DURHAM. BOTH COMMUNITIES WOULD BENEFIT FROM THE RAIL. WHEN I WAS AT UNH THERE WAS NO RAIL SERVICE. I REMEMBER A NUMBER OF TIMES COMING TO BOSTON AND GOING TO PORTLANDMAINE FOR SHOWS. WE DON'T WANT COLLEGE KIDS DRIVING AROUND FOR SHOWS. IT'S A SAFETY ISSUE TOO, I THINK. MOBILITY IN THE COMMONWEALTH IS SEVERELY LIMITED TO WHERE PEOPLE CAN LIVE. THAT CAN'T HAPPEN. THANK YOU FOR HOSTING THIS AND SUPPORTING IT. >> THANK YOU, VERY MUCH. BENJAMIN. [APPLAUSE] >> I HAVE NEXT BILL MALLOY AND THEN DAVID H., MAYBE. MALCOLM. >> GOOD EVENING MADAM CHAIR AND COUNSELOR FLYNN. I'M BILL MALLOY A WEST END RESIDENT. FIRST OFF I WANT TO SAY I'M VERY MUCH IN SUPPORT OF THE NORTH SOUTH RAIL LINK. THAT'S THE ULTIMATE SOLUTION. THINK US ALL HERE TONIGHT. YOU CAN HEAR THE FRUSTRATION. WE'RE SICK AND TIRED, WE HAVE WAITED A LONG LONG TIME TO REACH THIS ULTIMATE SOLUTION. UNTIL WE GET THE FEDERAL GOVERNMENT, THE STATE GOVERNMENT, CITY GOVERNMENT N SYNC WE WILL BE WAITING. I JUST WANT TO TOUCH BASE ON A INTERIM SOLUTION SO WE HAVE SOMETHING RATHER THAN NOTHING RIGHT NOW. I WANT TO I TREE DEUCE SOLAR MOBILITY TRANSPORTATION NETWORKS.

THERE IS CURRENT LEGISLATION IN THE STATE HOUSE ABOUT IT THAT SENATOR O'CONNOR, IT'S A **BIPARTISAN BILL THAT OTHERS HAVE** SUPPORTED AS WELL. THIS IS IF YOU CAN ENVISION. I WILL DO THIS QUICKLY. THIS IS SIMILAR TO A MONO RAIL. THIS IS ABOVE THE GROUND. PO FEET ABOVE ALL TRAFFIC AND CONGESTION. THEY ARE PODS THAT CAN MAINTAIN UP TO ABOUT SIX PEOPLE. ACTUALLY SIX PEOPLE AND TRAVEL BETWEEN 30-40 MILES AN HOUR. THEY CAN GO BETWEEN NORTH AND SOUTH STATION. AS A INTERIM SOLUTION UNTIL WE GET TO THE FINAL SOLUTION. THIS CAN BE BUILT WITHIN A YEAR. IT DOESN'T REQUIRE ANY CITY OR STATE MONEY. LET ME REPEAT THAT AGAIN. IT DOESN'T REQUIRE CITY OR STATE MONEY. IT'S PRIVATELY FUNDED CONSTRUCTION. IT'S PRIVATELY OPERATED WITHOUT GOVERNMENT SUDDEN SID HE'S. IT WILL EXCEED 120 PASSENGER PER GALLON. -- BUSES, TRAINS AND CARS. IT WILL ALSO GATHER MORE THAN TWO MEGA WATTS OF RENEWABLE ENERGY PER NETWORK MILE A DAY. THAT'S THE AVERAGE. SO YOU CAN HAVE POWER STATIONS FOR ELECTRIC VEHICLES AND SO FORTH WOULD BE OFFERED. THE BIG THING FOR THE CITY OF **BOSTON AS A INTERIM SOLUTION 5%** OF GROSS REVENUES COME BACK TO THE CITY. IT GOES TO ANY RIGHTS OF WAYS HOLDERS THAT ARE PASSED OVER TO CONSTRUCT THE SYSTEM. 5% OF GROSS REVENUES COME BACK TO THE CITY. ALSO THE GROAN WAY CONSERVANCY HAS ENDORSED A SOLAR MOBILITY TRANSPORTATION NETWORK TO CONNECT AND GO ALONG THE GREENWAY BETWEEN THE NORTH AND SOUTH RAIL LINK. I THINK IT'S TIME TO CONSIDER

THIS. THINK THE WAIT IS LONG ENOUGH. IF WE KEEP WAITING IT'S ANOTHER EIGHT TO TEN YEARS. TWENTY YEARS. WE NEED AT LEAST A INTERIM SOLUTION TO SOLVE THIS SOLUTION. SO, THANK YOU, I APPRECIATE YOUR TIME. THANK YOU FOR EVERYONE WAITING. >> THANK YOU, VERY MUCH. THEN I HAVE LAST ON MY LAST ROBERT KEARNES. >> THAT'S ALL I HAVE FOR PUBLIC TESTIMONY. IF ANYONE ELSE WANTS TO TESTIFY CAN COME DOWN AFTER. >> ROBERT KEARNES FROM THE SIERRA CLUB AS WELL. I HAVE HELPED ORGANIZE A RALLY OUTSIDE. THANK YOU FOR COMING. GREAT PANEL AND EVERYTHING. I HAIL FROM BRAIN TREE, MASS, SOUTH SHORE. THE RED LINE IS A DISASTER SINCE THE DERAILMENT IT'S BEEN REALLY BAD. THE RAIL LINK WOULD BE AMAZING NOT ONLY FOR WORST ON BUT THE ROUGE I DON'T KNOW. BRAIN TREE WE HAD TWO COMMUTER STOPS FOR DOWNTOWN AND NORTH SHORE. I GOT SOME WRITTEN TESTIMONY FROM, WE DID A GOOGLE POLL FROM THROUGH OUR SOCIAL MEDIA AND THINGS. SO THESE ARE JUST TESTIMONY FROM PEOPLE AROUND THE COMMONWEALTH. I HAVE 15 COPIES FOR YOU ALL. THAT'S JUST, IT'S NOT FROM US. IT'S WHAT MEMBERS OF THE PUBLIC HAVE BEEN SAYING ABOUT THE RAIL LINK AND THEIR SUPPORT. THANK YOU, SO MUCH. >> THANK YOU, ROBERT. >> INTRODUCE YOURSELF FOR THE RECORD. >> B. DANIEL. I LIVE IN MED FORD. I WORK IN WATER TOWN.

MY COMMUTE IS BY BICYCLE. THIS IS NOT FOR ME DIRECTLY. WE'RE IN THE HOTTEST SUMMER ON RECORD WORLDWIDE RIGHT NOW. THE NEXT ONE WILL PROBABLY BE HOTTER, KEEP GETTING WORST. INDIVIDUAL OCCUPANCY CARS ARE THE LEAST EFFICIENT MODE OF TRANSPORTATION THERE IS. YOU CAN GET A LITTLE BETTER WITH ELECTRIC. BUT THEY'RE STILL HORRENDOUSLY INEFFICIENT. CARRYING TWO TONS OF METAL FOR ONE PERSON. WE NEED TO GET PEOPLE OUT OF CARS. I HAVE CO WORKERS THAT LIVE ALL AROUND THE REGION. MOST OF THEM LIVE NEAR A COMMUTER RAIL STATION. THEY DON'T TAKE IT BECAUSE THE RAIL DOESN'T WORK FOR THEM. IT DOESN'T RUN AT THE RIGHT TIMES. IT DOESN'T RUN FREQUENTLY ENOUGH TO GET HOME TO PICK UP KIDS FROM SCHOOL AT 23:03. IF THEY WANT TO STAY IN A BIT LATER IT DOESN'T RUN ANYMORE BY THEN. IT IS NOT A FUNCTIONAL TRANSIT SYSTEM. HAVING A SYSTEM THAT IS EFFICIENT THAT RUNS FREQUENTLY ALL DAY WOULD MAKE THAT SYSTEM **USABLE FOR HUGE NUMBER OF PEOPLE** THAT NOW STICK TO CARS. WE NEED TO DO THAT WE'RE F. WE'RE GOING TO SURVIVE THE NEXT CENTURY. THANK YOU. >> THANK YOU. >> THANK YOU. MY NAME IS TOM CONNERS. I LIVE IN WATER TOWN. WHAT I THINK, ONE THING, MIKE HAS WORKED ON THIS FOR DECADES. IT HASN'T MOVED FORWARD AT ALL. NOW IS DIFFERENT. THERE IS A REAL DIFFERENCE. THE CLOY MAT ASK THE ENVIRONMENT ARE A BIG PART OF. THAT THESE 100° TEMPERATURE DAYS. THE LACK OF TREE CANOPY. ALL OF THESE DIESEL LOCO

MOTIVES. THEY'RE JUST IDLING IN YARDS. IT'S NOT THE FUTURE. SO WHEN YOU START TO LOOK AT WHAT IS THE FUTURE IT'S, IT IS DOING WHAT EUROPE IS DOING. ELECTRIC T TRAINS THAT COME EVERY FIVE TO FIFTEEN MINUTES AND RUN THROUGH THE CITY. IT'S KIND OF BASIC. I THINK IT WILL BE VERY IMPORTANT A LOT OF CITY EMPLOYEES AND CITY STAFF TO GO OVER ON FIELD TRIPS AND GO RIGHT A REPORT. LOOK WITH YOUR OWN EYES AT HOW DO THEY DO IT IN OTHER PLACES AND WHAT CAN WE LEARN FROM THEM. BECAUSE RIGHT NOW WE ARE JUST DEPENDING UPON MASS DOT. WHAT THEY DEMONSTRATED IN THE REPORT THEY RELEASED LAST WEEK, THEY'RE NOT BEING A HONEST BROKER. THE TRANS PEOPLE ON THE NORTH SOUTH RAIL HAVE PUT IN A LOT OF WORK AND CAN BARLEY GET A MOATING, YOU KNOW. LIKE THAT, THEY'RE SPENDING MILLIONS OF DOLLARS ON CONSULTANTS WHO WRITE DECEPTIVE AND BASICALLY, THEY'RE NOT BEING HONEST BROKERS. SO, IT'S JUST, IT'S VERY SAD. WE REALLY DO NEED A LEADERSHIP CHANGE. WE AS. I THINK THE PEOPLE WE WOULD LIKE THE WORKERS WOULD LOVE TO BE BUILDING THESE TRAIN IMPROVEMENTS AND RIDING ON THEM. IF WE CAN JUST GET THE GOVERNOR OUT OF HIS SUV BEING CHAUFFEURED, WHAT DOES HE KNOW ABOUT TRAINS. HE HAS NO AWARENESS. WE NEED A LOT OF CITY EMPLOYEES TO GO AND LOOK AT WHAT THESE **REGIONAL RAIL THINGS ARE.** THEN COME BACK AND SAY WHY CAN'T WE DO. THAT I THINK WE CAN DO THAT HERE. THINK THE TIME IS RIGHT. ESPECIALLY WITH THE CLIMATE

CHANGE. WE ALSO NO MORE BUYING DIESEL LOCO MOTIVES, DIESEL BUSES. IN WATERTOWN THERE ARE ELECTRIC STREET CAR BUSSES AND TROLLEYS FOR OTHER YEARS OR MAYBE 75 YEARS. THEY HAVE BEEN HAVING ELECTRIC BUSES FOR A LONG TIME. SO EVERY NEIGHBORHOOD IS PART OF ENVIRONMENTAL JUSTICE. THE FACT THAT SO MANY DIESEL BUSES. THE SCHOOL BUSS THAT'S BELCH DIESEL DIESEL IS THE WORST TO HAVE. WE SHOULD HAVE A PLAN TO ELECTRIFY EVERYTHING WITH RENEWABLE ENERGY THAT COMES FROM PROBABLY THE MIDWEST OR OFFSHORE. SO ELECTRIC, OUR WHOLLY ECONOMY SHOULD BE ELECTRIC AND GET RID OF THE DIESEL. THAT WOULD BE BETTER FOR EVERYTHING'S HEALTH. ALSO WE NEED TO MAKE PROTECTED BIKE LANES ON ALL OF THE STREETS. SO YOU SHOULD BE ABLE TO BIKE EVERYWHERE YOU WANT TO GO AND TAKE A ELECTRIC TRAIN THAT IS CLEAN AND SAFE. >> THANK YOU. >> THANK YOU, VERY MUCH. >> HELLO CITY COUNCIL. I'M KEVIN FROM DISTRICT ONE. I SUPPORT THIS. IT WILL CONNECT THE TWO STATIONS DEADLOCKED. IT'S A ONE MILE GAP THAT NEEDS TO BE CONNECTED TO SERVICE VARIOUS COMMUNITIES. SINCE DISTRICT ONE HAS NO STATION THERE. CONNECTING THE TWO STATIONS NORTH AND SOUTH WOULD HELP TO TAKE CARS OUT OUT OF THE ROADS DURING RUSH HOUR AFPLT FECTING CHARLES TOWN AND EAST BOSTON. TAKING THE CARS OFF THE ROADS AT THOSE TIMES IT WILL EASE UP TRAFFIC AND CONGESTION. I'M HERE TO SUPPORT THE NORTH

SOUTH RAIL LINK. >> THANK YOU, KEVIN. >> MY NAME IS EVAN. I'M A ENGINEER. I LIVE IN NEWTON. I DIDN'T USE. TO I ACTUALLY MOVED THERE IN PART BECAUSE I'M GETTING MARRIED IN OCTOBER AND WE DECIDED AT LEAST ONE OF US SHOULD BE ABLE TO WALK TO WORK BECAUSE OF HOW BAD COMMUTES ARE RIGHT NOW. NOW IN TAKING THE COMPUTER RAIL FOR 7 YEARS AND SEEING THE MAPS AND THE GAP WERE THE NORTH SOUTH RAIL LINK SHOULD BE I HAVE ONE THOUGHT. IT'S NOT A TERRIBLY TECHNICAL ONE. IF THE ON RAMP THAT CONNECTIONS ANY ONE OF THE HIGHWAYS TO THE OTHER IN THE CITY OF BOSTON DIDN'T EXIST PEOPLE WOULD OF MOVED MOUNTAINS TO MAKE IT HAPPEN BY NOW. THAT'S EFFECTIVELY ALL THIS IS FOR THE PEOPLE TRYING TO GET FROM ONE AREA TO ANOTHER. IT'S BEING ASKED TO WAIT TEN, TWENTY MINUTES FOR ANOTHER TRAIN. THEN TEN OR TWENTY FOR ANOTHER TRAIN TO GET BACK ON THE COMMUTER TRAIL NETWORK. IT'S A ON RAMP. IT'S NOT A COMPLICATED THING. IF THE RIGHT PERSON WAS MANAGING IT. IE NOT THOSE IN CHARGE OF MASS DOT AND MTBA NOW IT COULD BE FIXED CORRECTLY. I HEAR PEOPLE CHUCKLING. BRIGHT ON PROGRAM WAS GOING TO PAINT AND FIX CRACKS AND LEAKS. IF YOU DON'T UNDERSTAND YOU SHOULDN'T PAINT OVER THE CRACKS AND LEAKS YOU ARE FIXING. FIRST. THEN YOU SHOULDN'T BE IN CHARGE OF BUILDING ANYTHING. [APPLAUSE] >> THANK YOU, EVAN. >> I APPRECIATE EVERYONE BEING HERE THIS EVENING, OUR PANEL AS WELL AS THOSE GIVING PUBLIC TESTIMONY AND MY COLLEAGUES.

COUNSELOR FLYNN, ANY CLOSING REMARKS.

>> I WANT TO SAY THANK YOU TO THE PANELISTS FOR BEING HERE, FOR THE AUDIENCE, FOR YOUR TESTIMONY AS WELL PROVIDING GREAT INSIGHT TO US.

IT'S A ISSUE WE WILL CONTINUE TO STUDY AND LEARN FROM, THERE IS A LOT OF READING WE HAVE TO DO. WE APPRECIATE YOUR COMMENTS. I WAS REALLY APPRECIATIVE OF THE SIERRA CLUB FOR YOUR TESTIMONY, THE SEVERAL THAT TESTIFIED THIS EVENING.

THAT IS MY BIG ISSUE.

WHAT IMPACT DOES THIS HAVE ON THE ENVIRONMENT.

ESPECIALLY THE RESIDENTS IN MY DISTRICT WHO ARE CHINA TOWN, SOUTH BOSTON, THE SOUTH END. I ALSO WANTED TO HIGHLIGHT AT SOUTH STATION THE SOUTH STATION BUSS TERMINAL WHERE THE GREY HOUPD BUSES GO.

THE BUSES CONTINUE TO RUN ALL DAY LONG.

I ALWAYS THINK OF THE FUMES THAT GO INTO THE NEIGHBORHOODS, RIGHT INTO THE PARK THERE OFF THE ROAD WHERE A LOT OF PEOPLE PLAY BASKETBALL AND VOLLEYBALL. RIGHT DOWN TO THE QUINCY SCHOOL PRABGT KAMLY ON TOP OF THE MASS PIKE.

THE HIGHWAY SYSTEM AS WELL. THE MAJOR TRUCK ROUTES AND THE TRAIN ROUTES FROM HERE TO NEW YORK.

IT'S NO WONDER WE HAVE THE HIGHEST, YOU KNOW ASTHMA RATE OF ANY NEIGHBORHOOD PRACTICALLY IN THE COUNTRY.

SO THOSE ENVIRONMENTAL ISSUES ARE VERY IMPORTANT TO ME. I KNOW THEY'RE VERY IMPORTANT TO

YOU.

I WANT TO SAY THANK YOU TO THE SIERRA CLUB FOR PROVIDING INVALUABLE TESTIMONY HERE TONIGHT. THANK YOU, COUNSELOR ESSAIBI-GEORGE, FOR YOUR LEADERSHIP. >> THANK YOU, COUNSELOR. THANK YOU, AGAIN. WE WILL DO A FORMAL REPORT AND PRESENTATION TO THE COUNCIL AS A WHOLE ON WEDNESDAY AND LOOK FORWARD TO MORE MEDIATE NEXT STEPS THIS. MEETING IS ADJOURNED. [ APPLAUSE ]