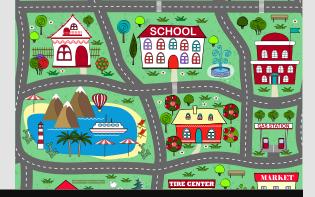
CITY INFRASTRUCTURE



Terms

CITY (AKA URBAN) INFRASTRUCTURE

PHYSICAL SYSTEMS THAT SUPPORT ESSENTIAL COMPONENTS FOR A CITY TO **FUNCTION & DEVELOP; E.G.,** STREETS, ENERGY, WATER, SANITATION, INFORMATION NETWORKS, WASTE MANAGEMENT, & GREEN **SPACES**

URBAN PLANNER

STRATEGIZE THE DESIGN OF RESIDENTIAL, COMMERCIAL, & **COMMUNITY SPACES** CONSIDERING VARIABLES LIKE POPULATION GROWTH: **DISTINCT FROM CIVIL ENGINEERS WHO ADVISE ON** & EXECUTE DESIGN BUILDOUT ADDRESSING PRACTICAL SCIENTIFIC LIMITATIONS

OPEN SPACE

UNDEVELOPED LAND THAT IS ACCESSIBLE TO THE PUBLIC: MAY BE PUBLICLY OR PRIVATELY OWNED: E.G.. PLAYGROUNDS, PLAZAS, PARKS, VACANT LOTS

URBAN RESILIENCE

ABILITY OF AN URBAN SYSTEM TO WITHSTAND & RECOVER FROM A NATURAL DISASTER OR ECONOMIC **DOWNTURN**

ENVIRONMENTAL IMPACT ASSESSMENT (EIA)

EVALUATION OF THE POTENTIAL EFFECTS & RISKS OF A PROPOSED PROJECT OR POLICY FOR THE NATURAL & **HUMAN ENVIRONMENT**

People





Hattie T. Scott Peterson



Thomas Crapper



Pete **Buttigieg**



Jane **Jacobs**



Frederick Law Olmsted

Via Appia, 1st great Roman road built

312 BCE



1880

U.S. power grid begins in lower **Manhattan**

1927

54%

Uniform Building Code (UBC) created

> OF SCHOOL **DISTRICTS**

NEED UPDATES/ REPLACEMENTS TO BUILDING **SYSTEMS**

& INFRASTRUCTURE

2021

Works Progress

Administration

(WPA) creates jobs

Infrastructure **Investment & Jobs** Act (IIJA) approved

OF 1.7 MILLION PRIME AGE 14% **ENGINEERING WORKERS ARE BLACK**

OR LATINX SPENT BY STATE & LOCAL

GOVT ON TRANSPORTATION 218.5B

Statistics

OF NEW ORLEANS THAT WAS UNDER WATER AFTER 80% HURRICANE KATRINA AFTER THE LEVEES BROKE

Action

AMTRAK

46 States 21000 miles 28M People

> DEVELOPMENT **EFFICIENCY** SAFETY

Values

QUALITY OF LIFE SUSTAINABILITY

- BECOME INVOLVED WITH LOCAL COMMUNITY INFRASTRUCTURE INITIATIVES LIKE NEIGHBORHOOD WATCH & COMMUNITY GARDENS BECAUSE PEOPLE ARE PART OF CITY INFRASTRUCTURE TOO!
- TALK TO PEOPLE IN YOUR COMMUNITY TO BALANCE LOCAL BUSINESS & COMMUNITY NEEDS ABOUT CONGESTION PRICING, GENTRIFICATION, & COMMUNITY BENEFIT AGREEMENTS
- SHARE OUR INFOGRAPHIC
- RESEARCH TOPICS RELATED TO WATER LIKE FLUORIDATION, ERIN BROCKEVICH, AND THE 2014 FLINT MICHIGAN WATER CRISIS
- ENTERTAIN YOURSELF W/ CITIES: SKYLINES, SIMCITY, OR POCKET CITY; PL W/ LEGO CITY SETS; VISIT DISNEY WORLD'S LIVING WITH THE LAND RIDE



Not for Commercial Use. Share Widely.