



Florida Department of  
Transportation



# Palm Beach County MPO

## Florida's Turnpike Presentation

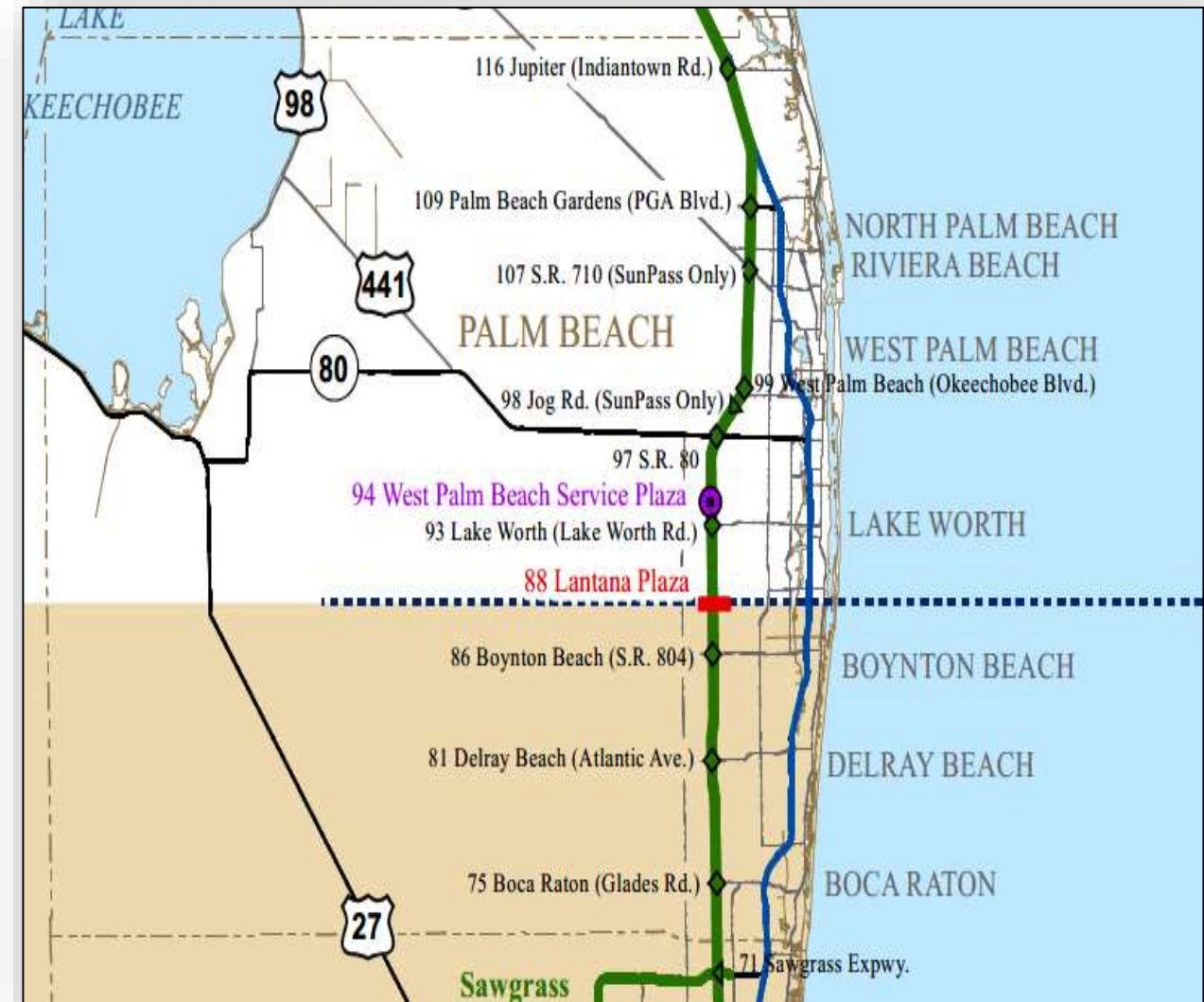
Alison Stettner, AICP, Turnpike Planning Manager

February 1, 2017

# Turnpike in Palm Beach County



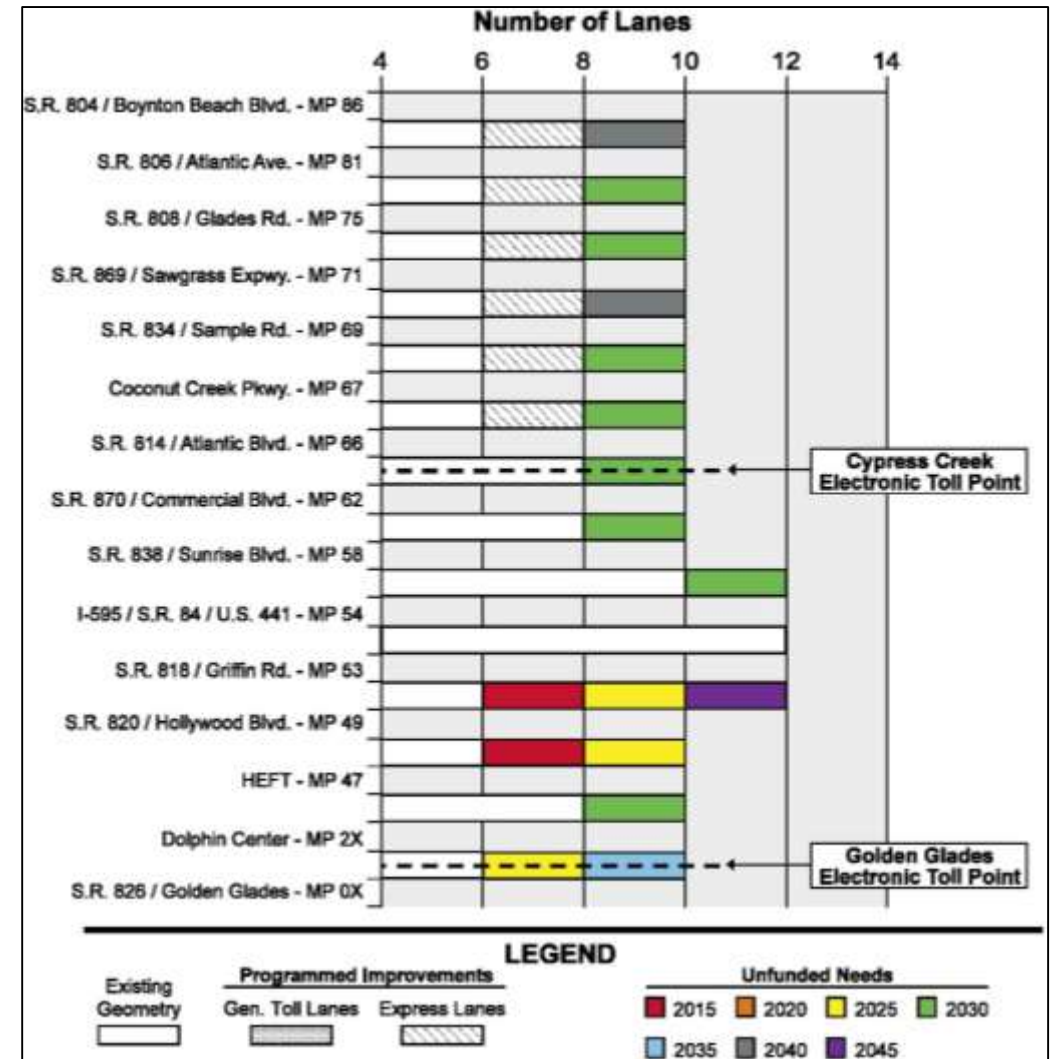
- 45 Miles of the Turnpike Mainline
  - Southern Coin
  - Ticket System
- 10 Interchanges
  - Glades Road (Boca Raton)
  - Atlantic Avenue (Delray Beach)
  - Boynton Beach Boulevard (Boynton Beach)
  - Lake Worth Road (Lake Worth)
  - Southern Boulevard/SR 80 (West Palm Beach)
  - Jog Road (Partial to and from the south)
  - Okeechobee Boulevard (West Palm Beach)
  - Beeline Highway/SR 710
  - PGA Boulevard (Palm Beach Gardens)
  - Indiantown Road (Jupiter)



# Palm Beach County - Traffic



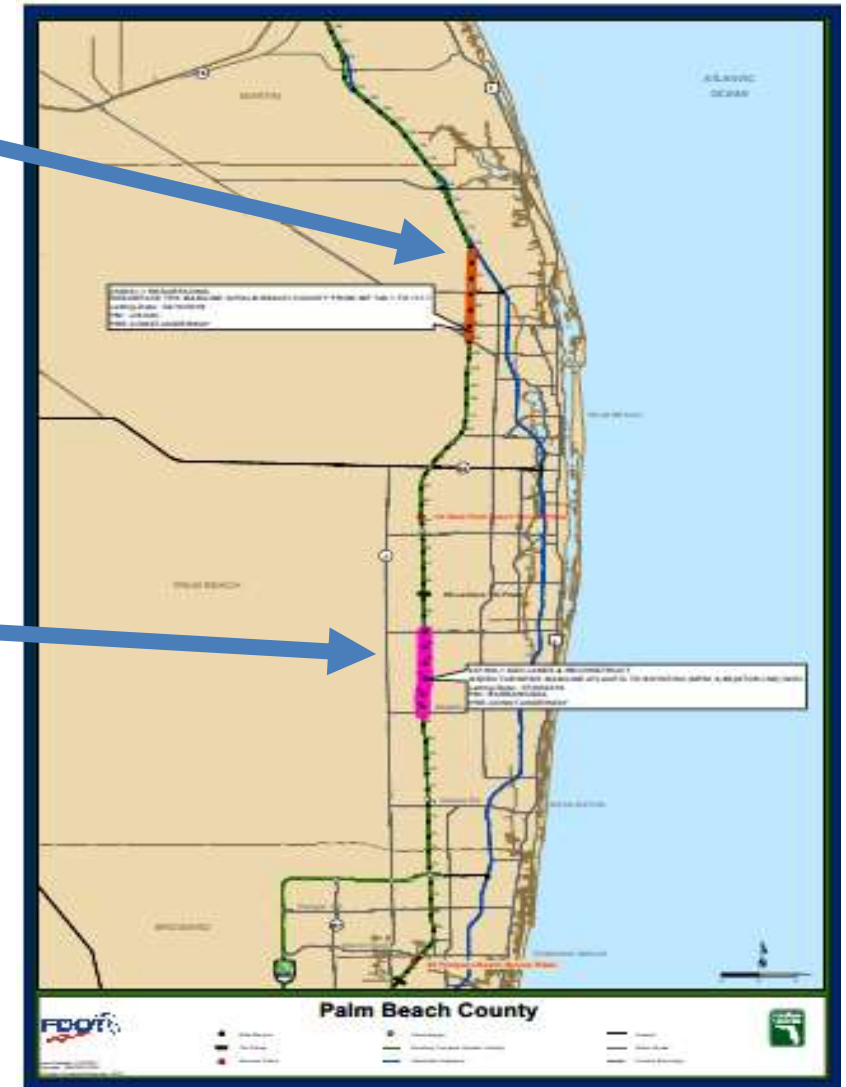
- Traffic Growth
  - Southern Coin
    - 2015/2016 increased by 8.4%
  - Ticket System
    - 2015/2016 increased by 6.3%
- Improvements Needed
  - 10 Lanes to Boynton Beach Boulevard by 2030
  - 8 Lanes to Beeline/SR 710 by 2035



# Palm Beach County – Currently Funded Projects



- Resurfacing from Beeline Highway/SR710 to North of Hood Road
  - 5 Miles
  - Includes guardrail, signage and pavement marking improvements
  - Construction funded in 2018 for \$11 Million
- Resurfacing from south of Atlantic Avenue to Hypoluxo Road
  - 5 Miles
  - Includes guardrail, signage and pavement marking improvements
  - Construction funded in 2019 for \$26 Million



# Palm Beach County – Currently Funded Projects



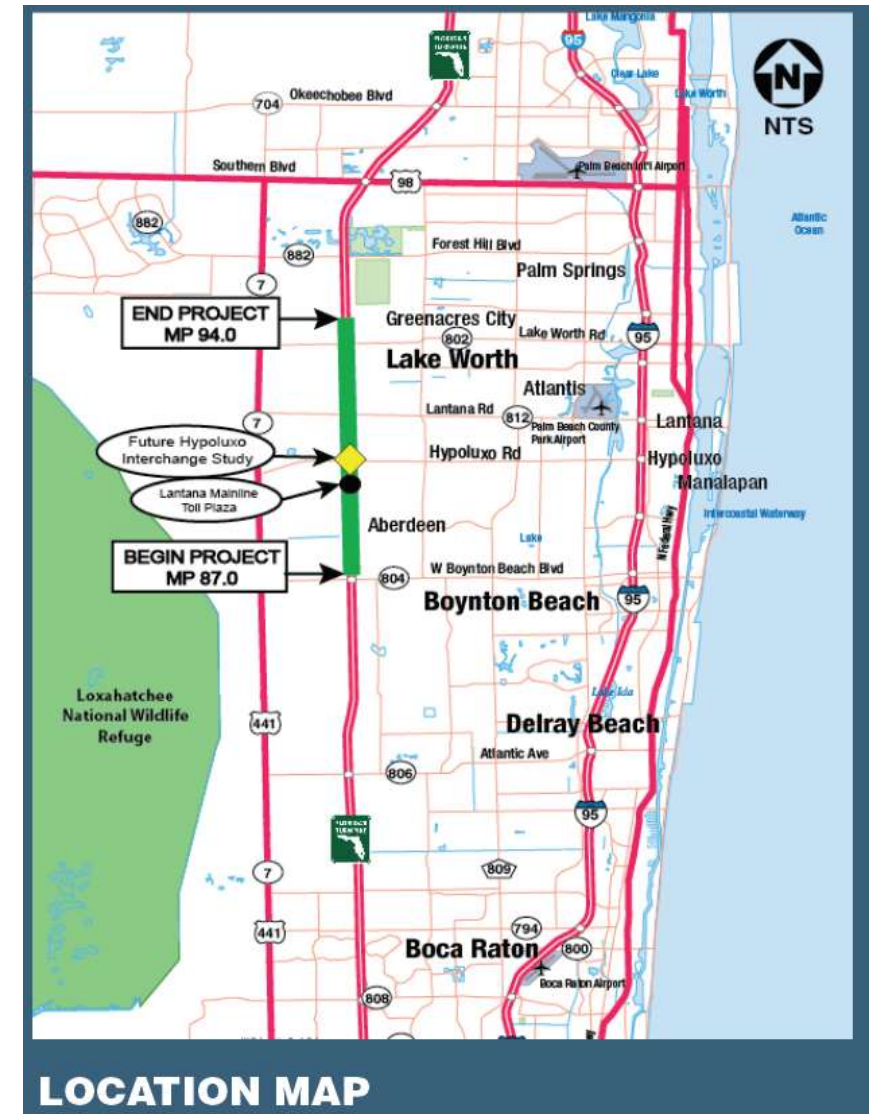
- Widen from Boynton Beach Boulevard to Lake Worth Road
  - 8 Miles from 4 to 8 lanes
  - Includes Express Lanes
  - Includes resurfacing
  - Construction funded in 2018 for \$168 Million
- Widen from north Glades Road to North of Atlantic Avenue
  - 5 Miles from 6 to 10 lanes
  - Includes Express Lanes
  - Includes resurfacing
  - Design funded in 2018 for \$4.3 Million
  - Construction funded in 2022 for \$245 Million
  - **Requires an LRTP Amendment**
    - **Current LRTP includes 8 Lanes**



# Palm Beach County – Boynton Beach Blvd to Lake Worth Rd



- PD&E Study completed in 2006
- Design project includes realignment due to utility and right-of-way constraints
- Future Hypoluxo interchange
- Noise wall re-evaluation
- Design Public Information Meeting
  - West Boynton Recreation Center
  - Thursday, March 30, 2017 at 5:30 pm



# Regional Project within Palm Beach County



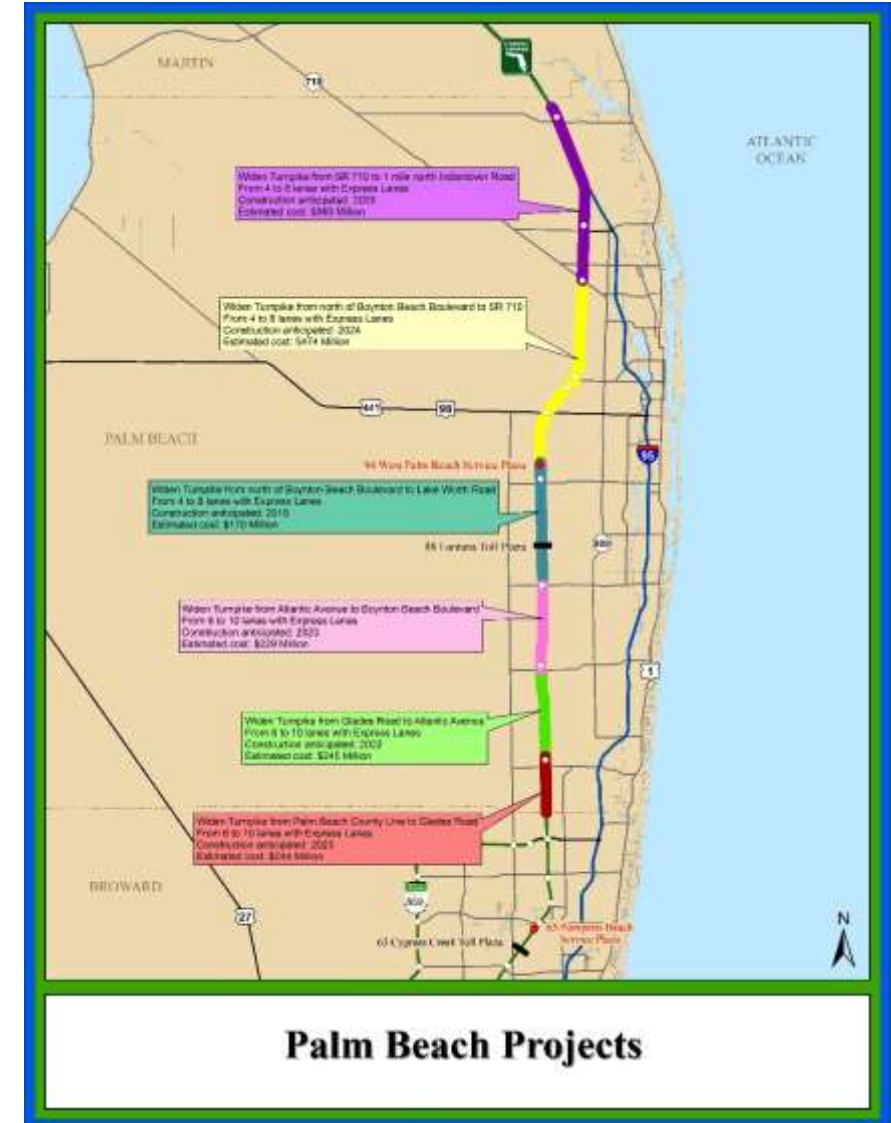
- All Electronic Tolling (AET)
  - Will remove toll collection plazas at ramps and on the mainline
  - AET Phase 8 (2019)
    - Conversion of the Ticket System
    - 6 Counties
  - AET 5A (2017)
    - Conversion of Glades Road, Atlantic Avenue and Boynton Beach Boulevard is a separate project.
- Entire Turnpike System Total Construction of \$1.4 Billion in 2018 through 2022
  - Palm Beach County cost is \$456 Million



# Future Projects in Palm Beach County for the LRTP



- Palm Beach County Line to Glades Road
    - 6 to 10 lanes with express lanes
    - Construction in 2023 at \$244 Million
  
- Glades Road to Atlantic Avenue **(Current Work Program)**
    - 6 to 10 lanes with express lanes
    - Construction in 2022 at \$245 Million
  
- Atlantic Avenue to north of Boynton Beach Boulevard
    - 6 to 10 lanes with express lanes
    - Construction in 2023 at \$229 Million.
  
- Lake Worth Road to SR 710
    - 4 to 8 lanes with express lanes
    - Construction in 2024 at \$474 Million.
  
- SR 710 to Indiantown Road
    - 4 to 8 lanes with express lanes
    - Construction in 2025 at \$363 Million.

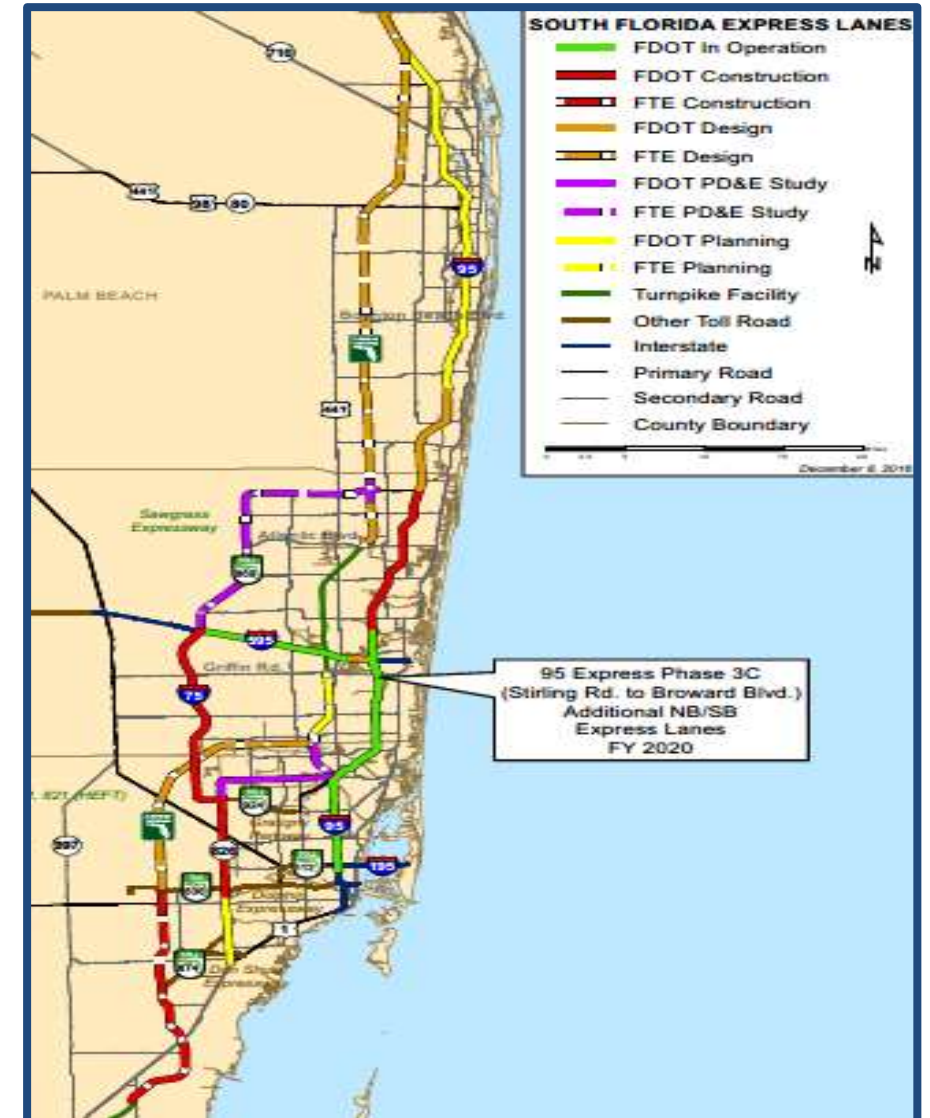




# What are Express Lanes?



- A type of managed lane with fewer access points where dynamic pricing is applied
- Drivers have a choice to use or not
- Toll rates vary based on demand
- Supports longer trips
- Examples in Florida
  - I-95 and I-595
  - I-4 (under construction)
  - I-75 (under construction)
  - I-295 (under construction)
  - SR 528 (under construction)
  - SR 589 (under construction)
  - SR 821/Florida's Turnpike (under construction)
  - SR 826



# Express Lanes Considerations



- Cannot build our way out of congestion
  - Right-of-way constraints
  - Project costs continue to increase
- Need to maintain corridor mobility (particularly in peak periods)
- Long term solution
- Seek to avoid recurring construction projects
- Statewide consistency



# Express Lanes Video



**Let's Watch A Video**

# Contact Information



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**QUESTIONS?**

THANK YOU