



## **BUFFALO SPEEDWAY RECONSTRUCTION**

FROM BISSONNET ST TO HOLCOMBE BLVD



# **PUBLIC MEETING #3**



SPONSORED BY:

**CITY OF WEST UNIVERSITY PLACE**

IN COOPERATION WITH:

**TEXAS DEPARTMENT OF TRANSPORTATION**

**March 4, 2020**

**City of West University Place**

# Public Meeting Agenda

- Project Description & Location
- Roadway Improvements
- Existing Utilities & Coordination
- Drainage Improvements
- Proposed Water Line Improvements
- Traffic Control Plan
- Landscaping and Tree Protection
- Next Steps
- Public Comment Session

## **Project Description**

### **❖ Projects Limits:**

- Roadway Reconstruction: Bissonnet St to Holcombe Blvd – TxDOT/City Funded
- Drainage Improvements: Bissonnet St to Poor Farm Ditch – City Funded

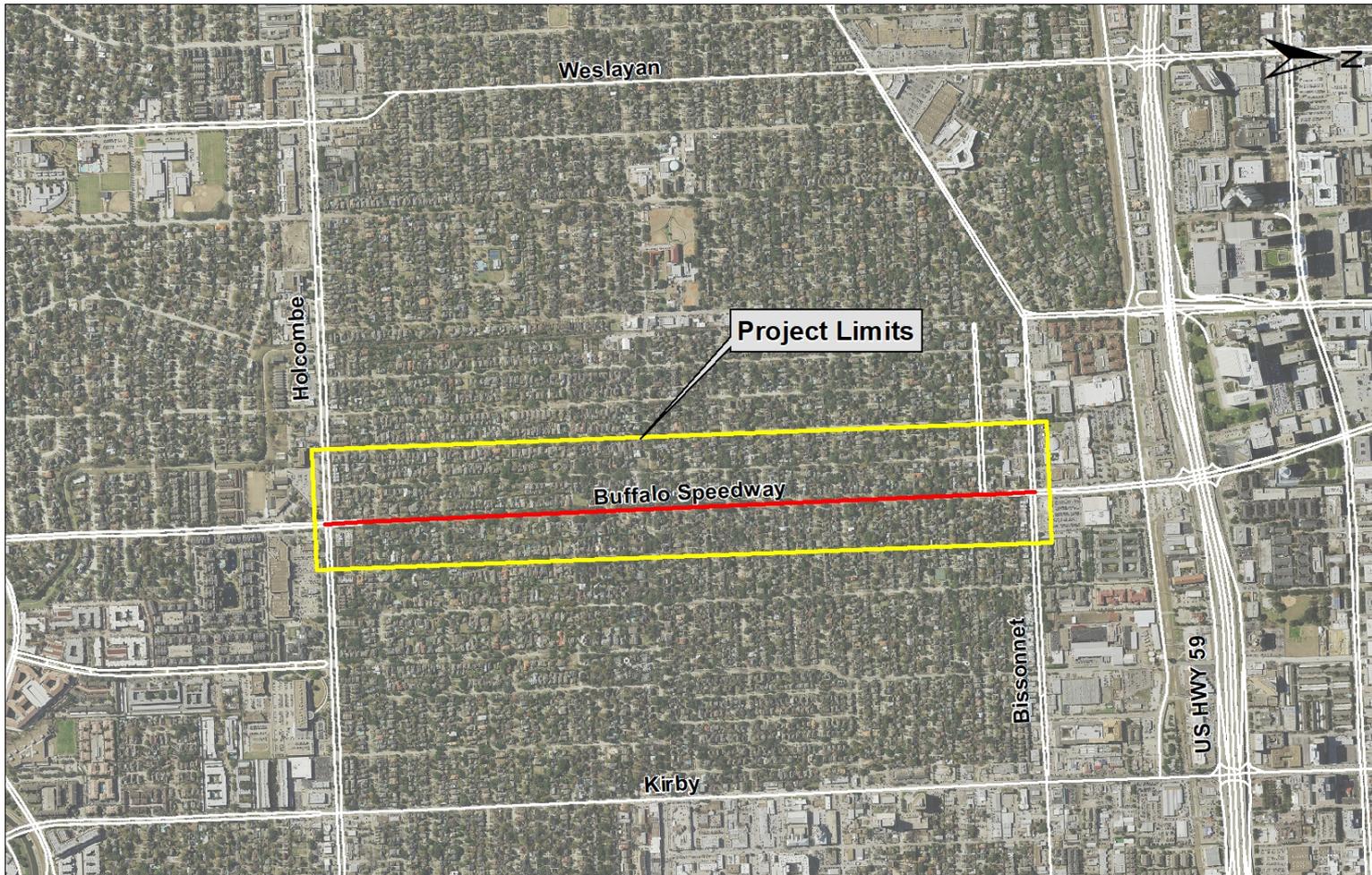
### **❖ Type of Work:** Pavement Reconstruction and Drainage Improvements

### **❖ Total Estimated Project Cost:** \$35M

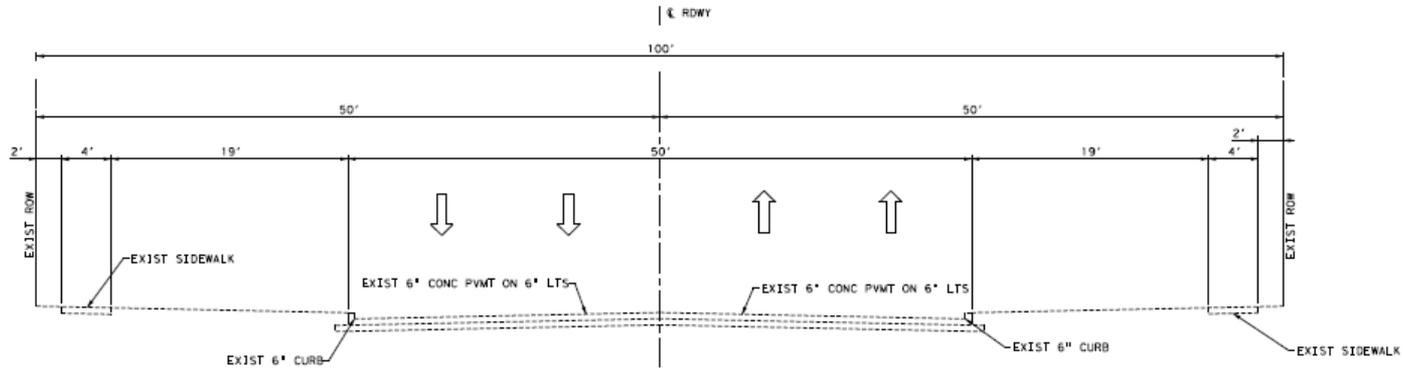
- TxDOT Funded on Roadway Improvements at 80% of Eligible costs
- City Funded on Trunk Storm Sewer Improvements

### **❖ Current Progress:** 90% Plans Submitted to City of West University Place and TxDOT

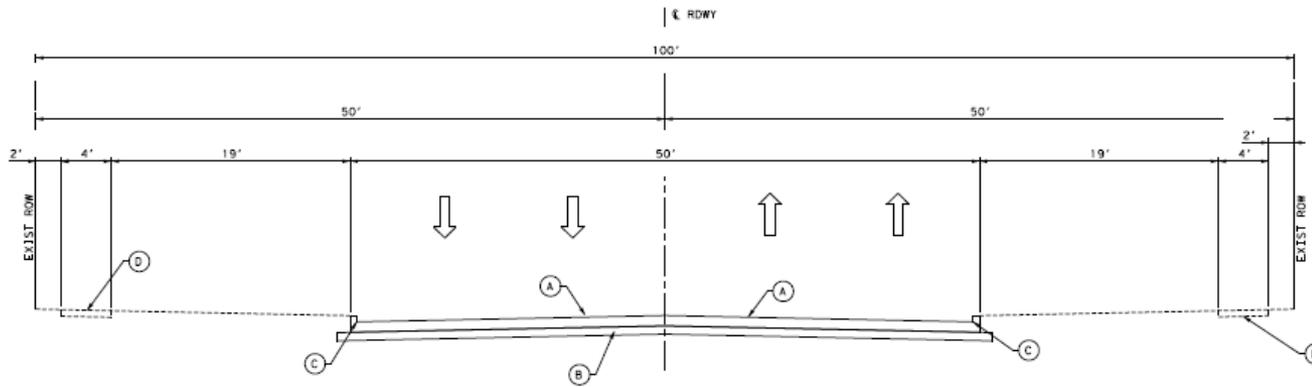
## Project Location



# Roadway Improvements

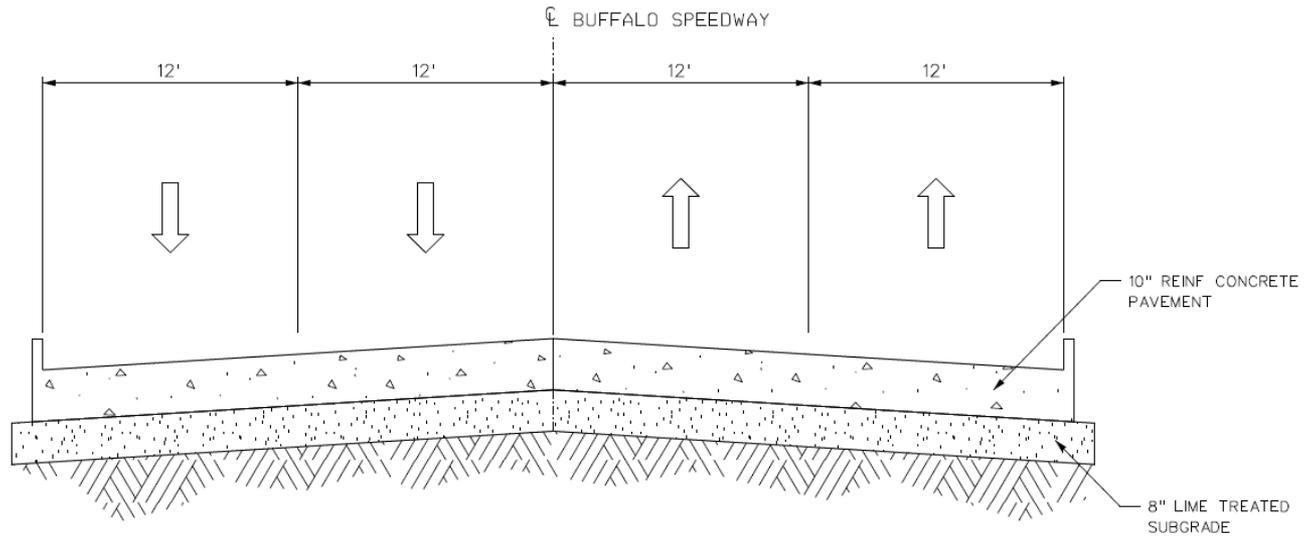


Existing Typical Section



Proposed Typical Section

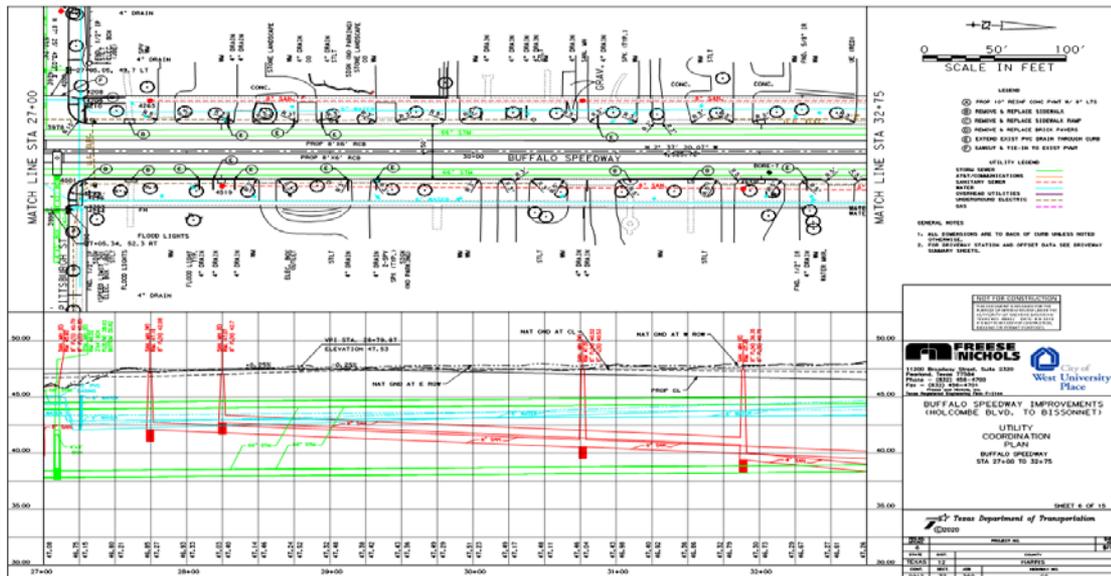
# Roadway Improvements



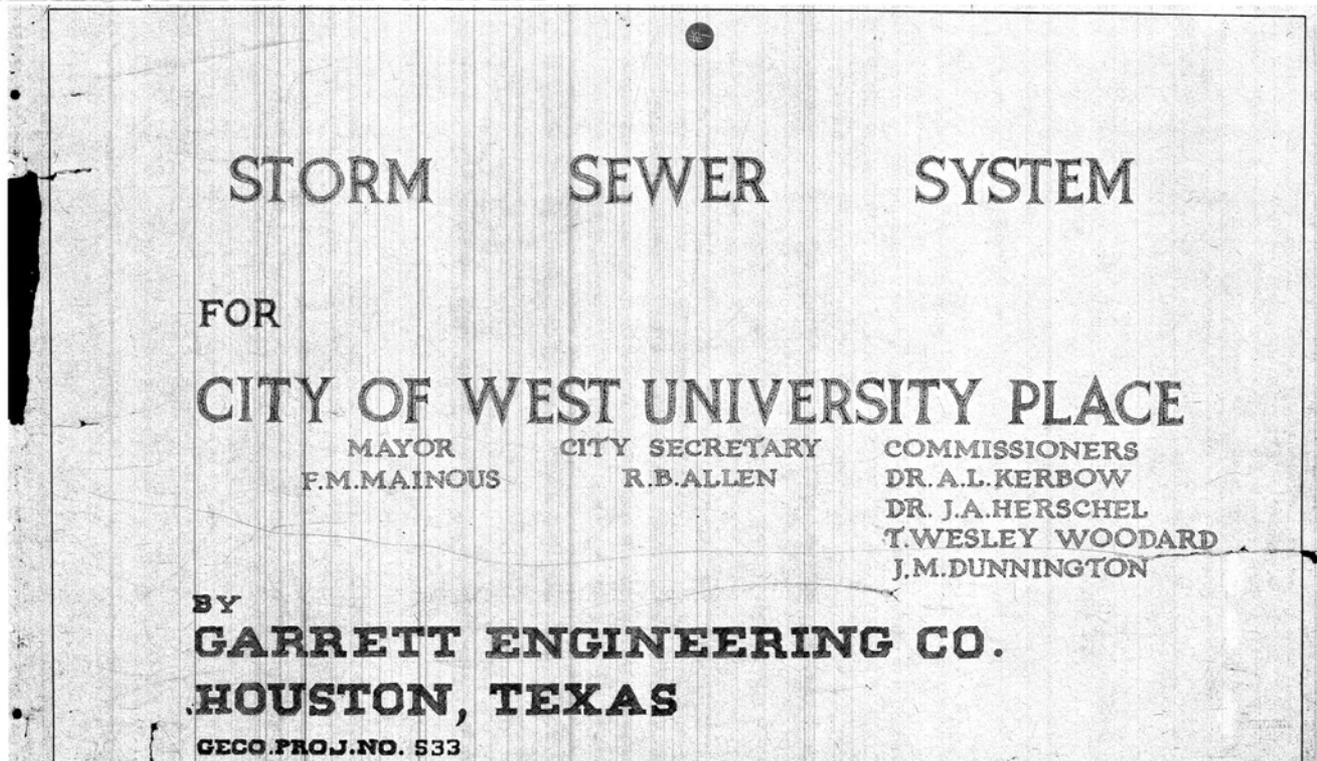
Pavement Section

# Existing Utilities & Coordination

- Existing Utilities in the Project Corridor: CPE –Gas, CPE-Elect, ExteNet, CenturyLink, AT&T, Phonoscope, Crown Castle Fiber, Zayo, West U, Houston
- 3 Utility Coordination Meetings: at 30%, 60%, & 90%. Conducted 30% & 60%.
- One on one Meetings to resolve conflict/relocate: On-going
- City Waterline Improvements: at 90% Design



## Drainage Improvements



Existing Storm Sewer (1943)

## Drainage Improvements



City of West University Place (1944)

## Drainage Improvements



- No available off-site detention
- Existing monolithic storm sewer located in outside lanes to remain as in-line detention
- Proposed storm sewer ranges from single 6'x5' to dual 8'x8' box culverts
- Storm sewer south of Holcombe is located in City of Houston ROW and St. Vincent de Paul church property
- Sized to convey a City standard storm event

## Drainage Improvements



### Outfall Structure

- Outfall structure to be replaced
  - Proposed outfall is 5 ft lower
  - New concrete headwall outfall
- Dual 8'x8' box culverts at Poor Farm Ditch
  - No adverse impacts to Poor Farm Ditch

## Proposed Waterline Improvements



- East side water line from Bissonnet to Amherst
- Auger installation of new water line
- New service lines to meter
- New fire hydrants
- Limit service disruption

## Traffic Control Plan



PHASE 1 - WATERLINE RELOCATION  
PHASE 2 - BEGIN TO SOUTH OF  
CASON ST.

- PHASE 2 STEP 1
- PHASE 2 STEP 2
- PHASE 2 STEP 3
- PHASE 2 STEP 4
- PHASE 2 STEP 5
- PHASE 2 STEP 6
- PHASE 2 STEP 7
- PHASE 2 STEP 8
- PHASE 2 STEP 9
- PHASE 2 STEP 10

PHASE 3 - SOUTH OF CASON ST  
TO AMHERST ST.

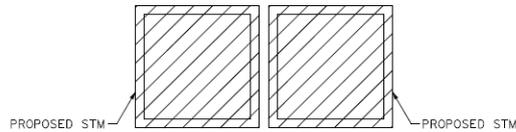
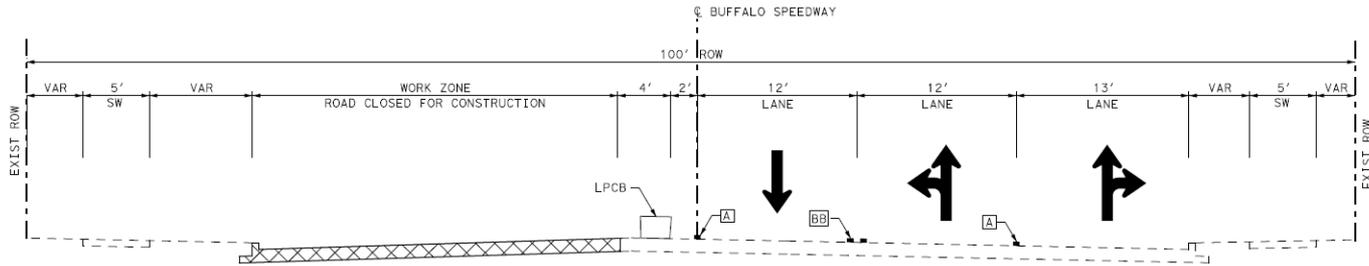
- PHASE 3 STEP 1
- PHASE 3 STEP 2
- PHASE 3 STEP 3
- PHASE 3 STEP 4

PHASE 4 - FROM AMHERST ST  
TO BISSONNET ST

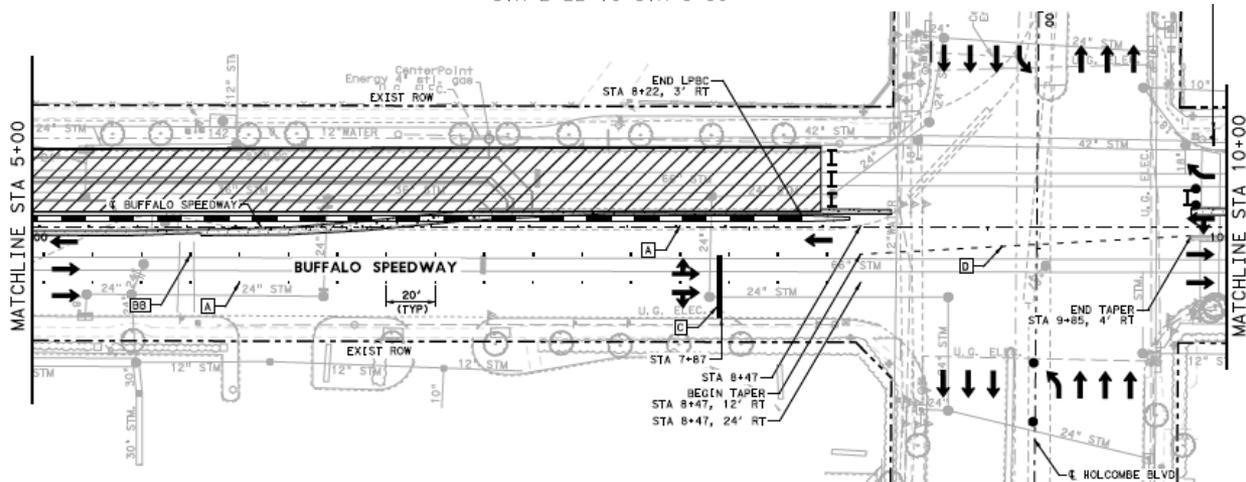
- PHASE 4 STEP 1
- PHASE 4 STEP 2

# Traffic Control Plan

Phase 2 – Begin to South of Cason Street



BUFFALO SPEEDWAY  
PHASE 2 STEP 1  
(SOUTH OF HOLCOMBE BLVD)  
STA 2+22 TO STA 8+30

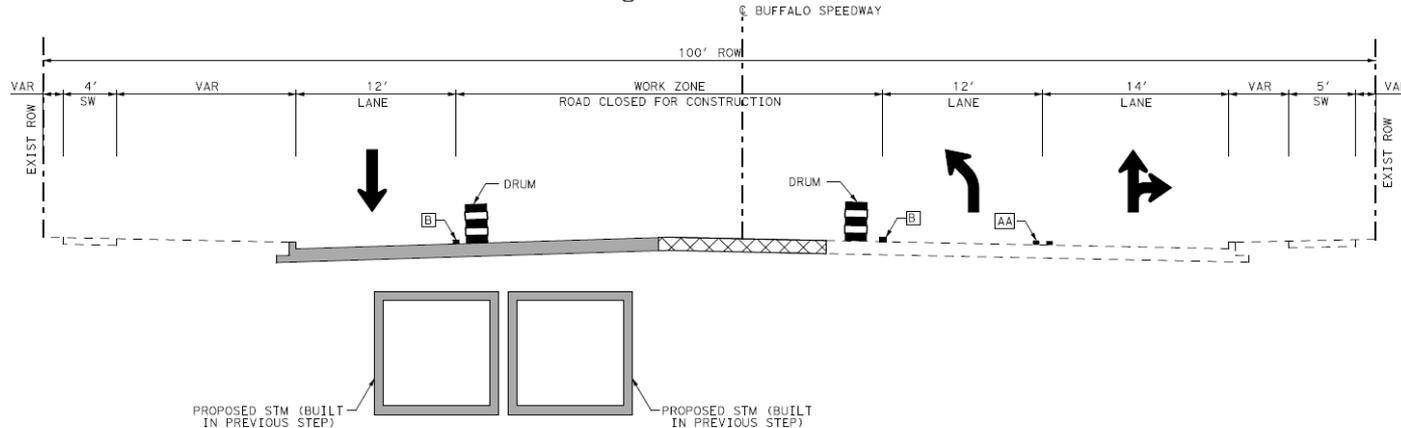


# BUFFALO SPEEDWAY RECONSTRUCTION

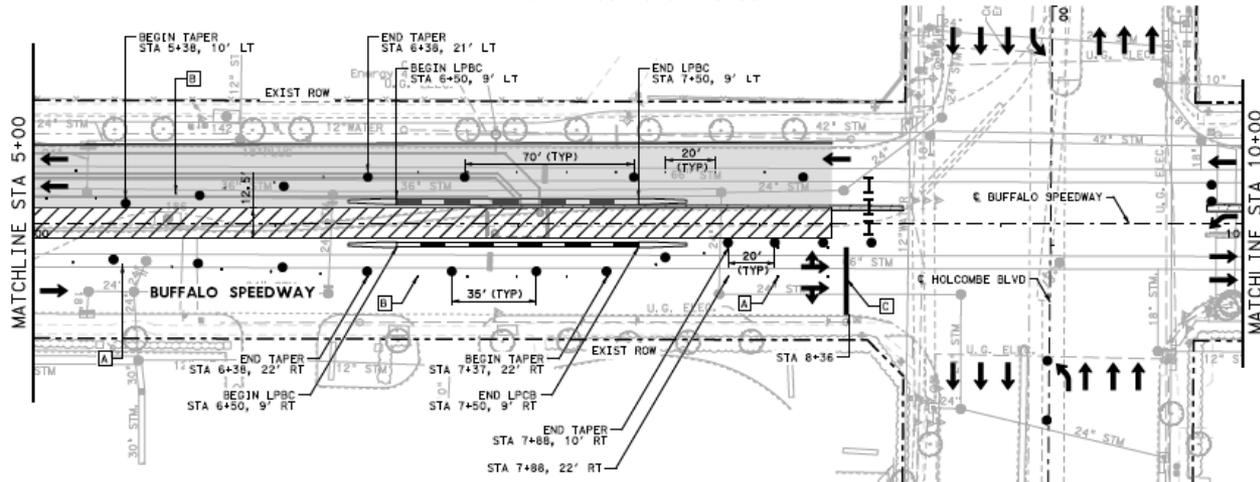
FROM BISSONNET ST TO HOLCOMBE BLVD

## Traffic Control Plan

Phase 2 – Begin to South of Cason Street

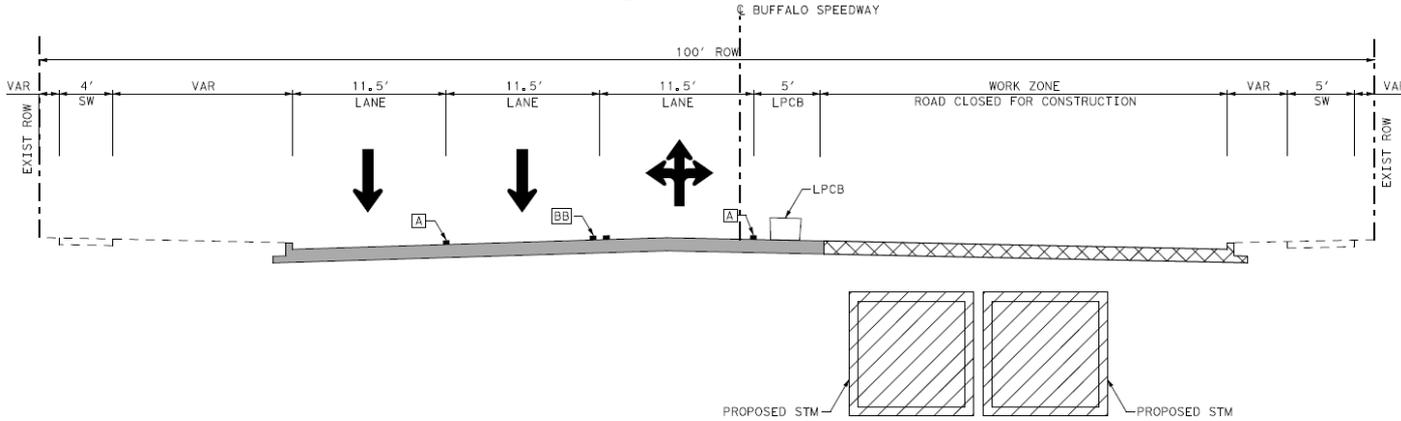


BUFFALO SPEEDWAY  
PHASE 2 STEP 2  
(SOUTH OF HOLCOMBE BLVD)  
STA 7+88 TO STA 8+30

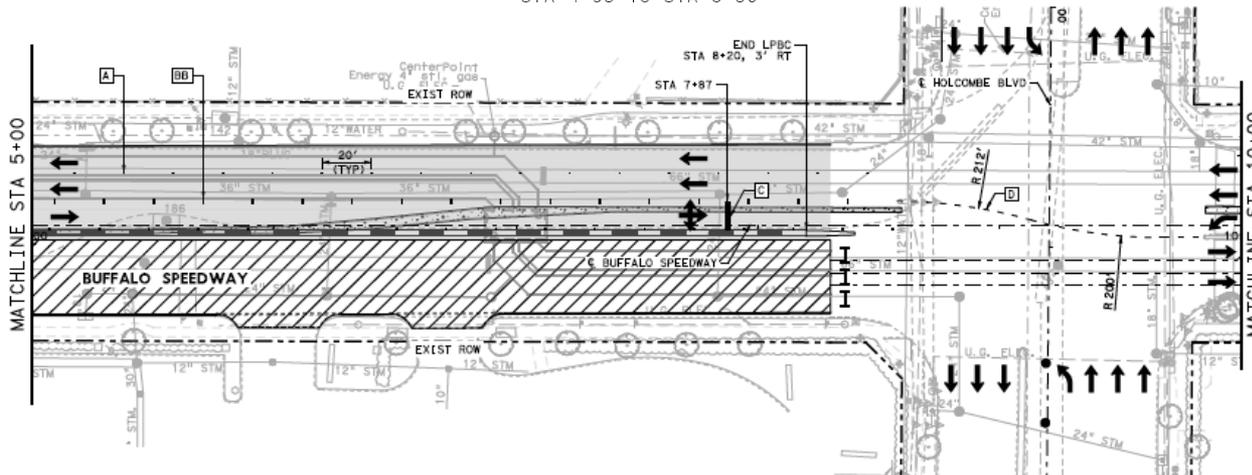


# Traffic Control Plan

Phase 2 – Begin to South of Cason Street

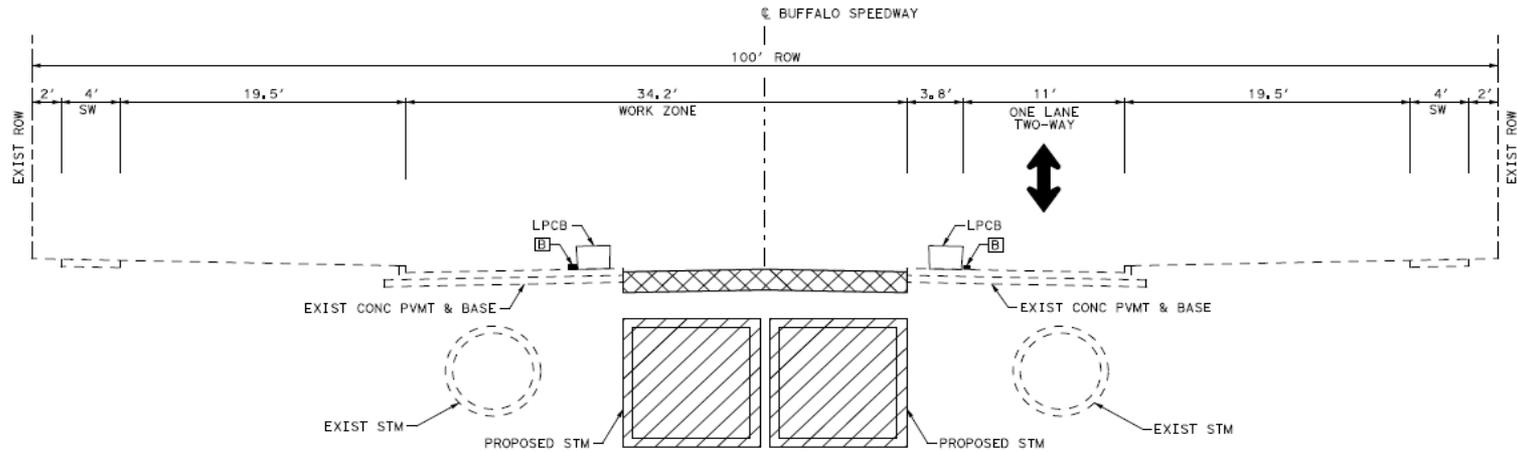


BUFFALO SPEEDWAY  
PHASE 2 STEP 3  
(SOUTH OF HOLCOMBE BLVD)  
STA 4+93 TO STA 8+30

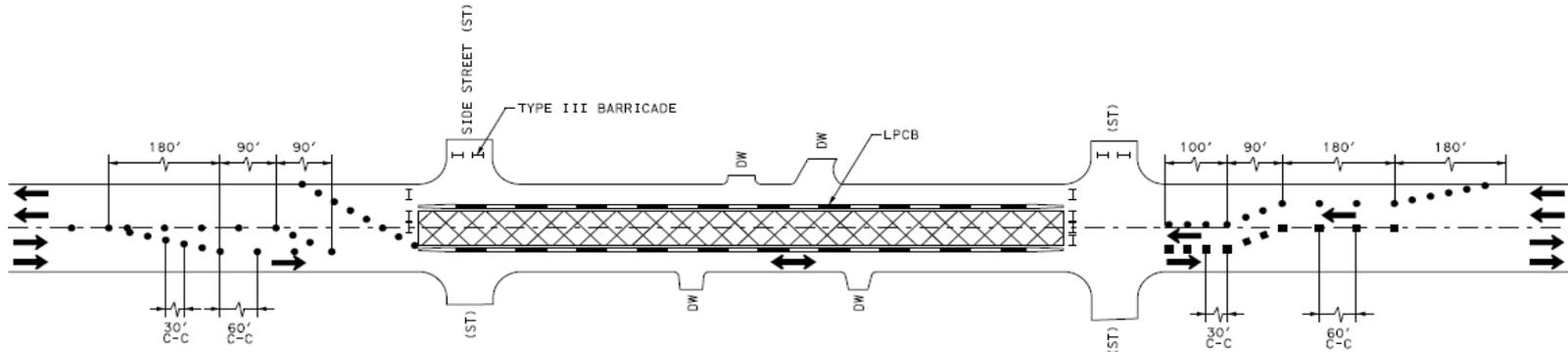


# Traffic Control Plan

Phase 3 – South of Cason Street to Amherst Street



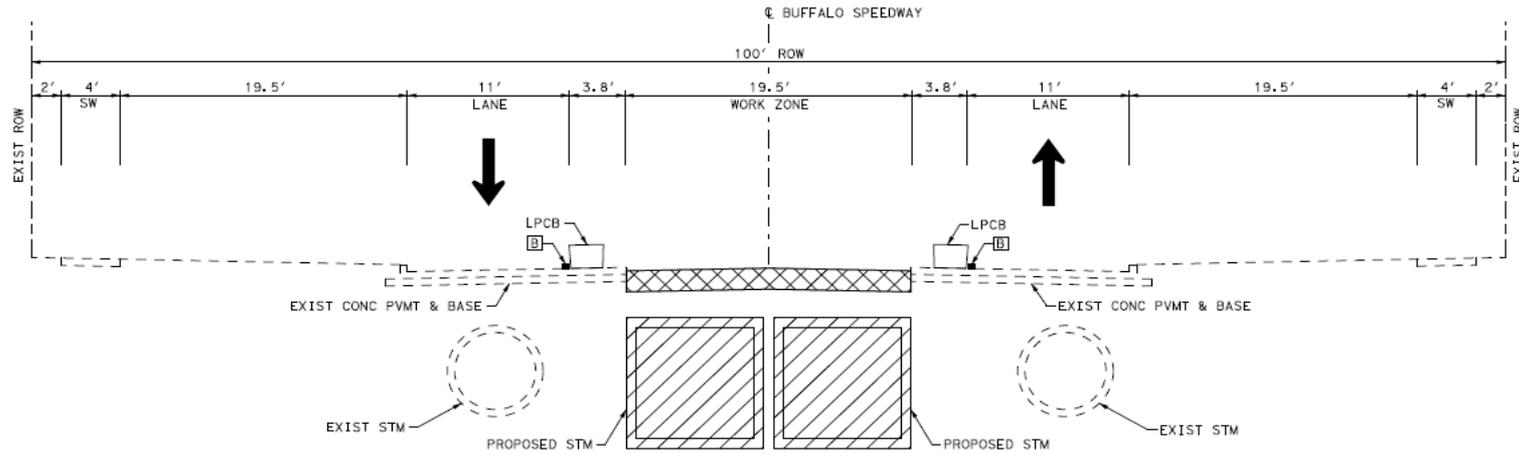
**BUFFALO SPEEDWAY**  
PHASE 3 STEP 1 (DAY)  
SOUTH OF CASON ST. TO AMHERST ST.  
STA 11+30 TO STA 44+90



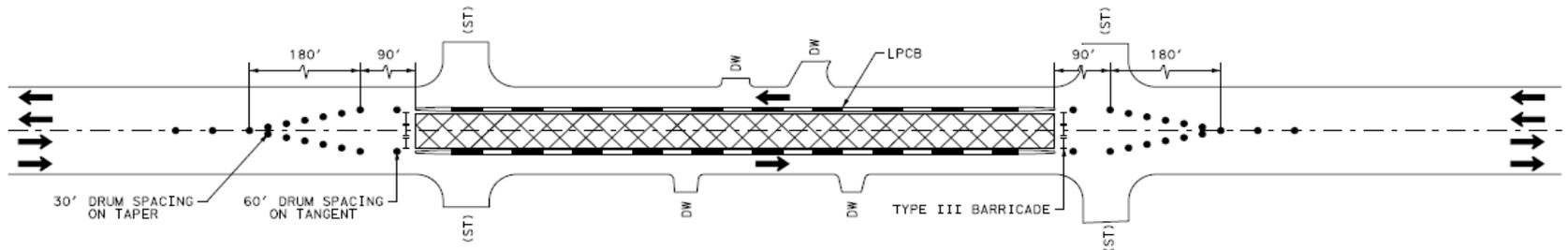
**BUFFALO SPEEDWAY**  
PHASE 3 STEP 1 (DAY)

# Traffic Control Plan

Phase 3 – South of Cason Street to Amherst Street



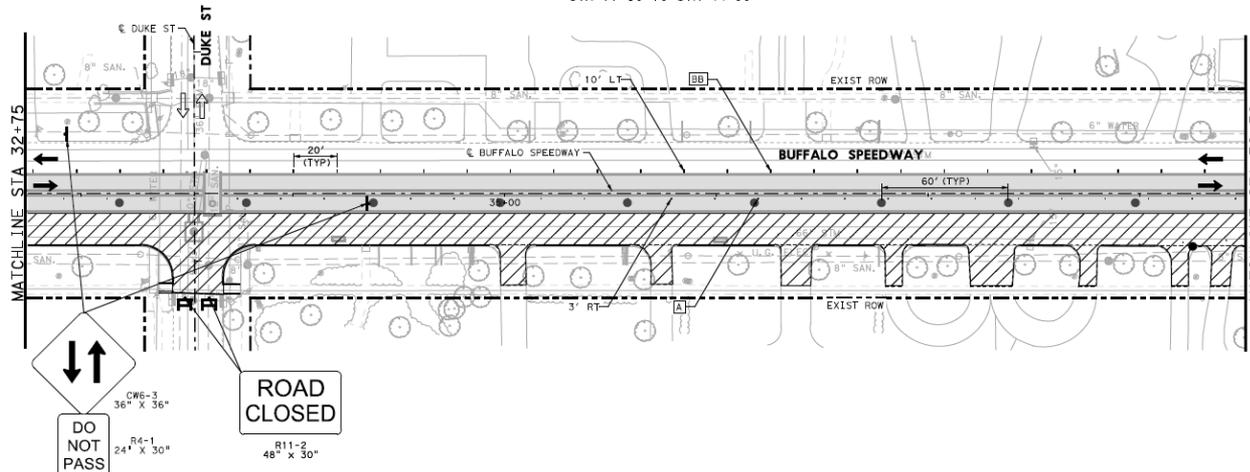
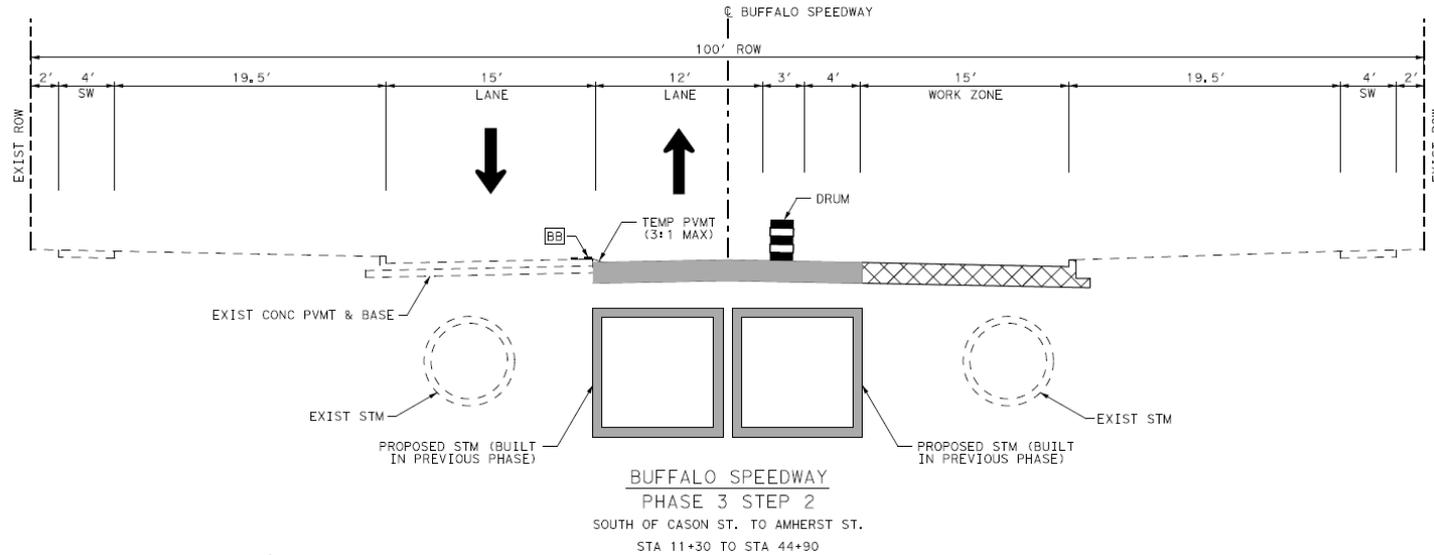
**BUFFALO SPEEDWAY**  
PHASE 3 STEP 1 (NIGHT)  
SOUTH OF CASON ST. TO AMHERST ST.  
STA 11+30 TO STA 44+90



**BUFFALO SPEEDWAY**  
PHASE 3 STEP 1 (NIGHT)

# Traffic Control Plan

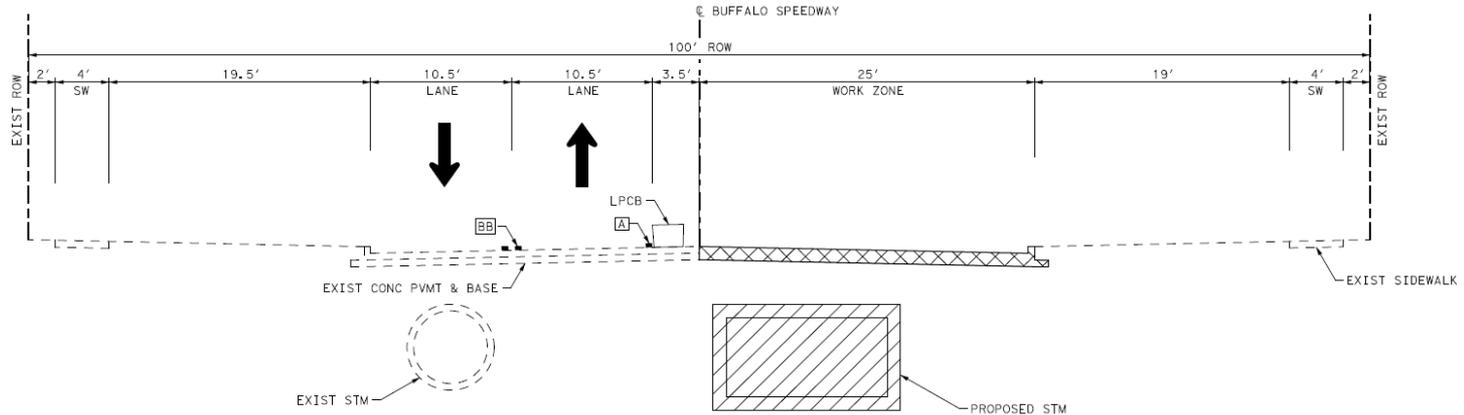
Phase 3 – South of Cason Street to Amherst Street



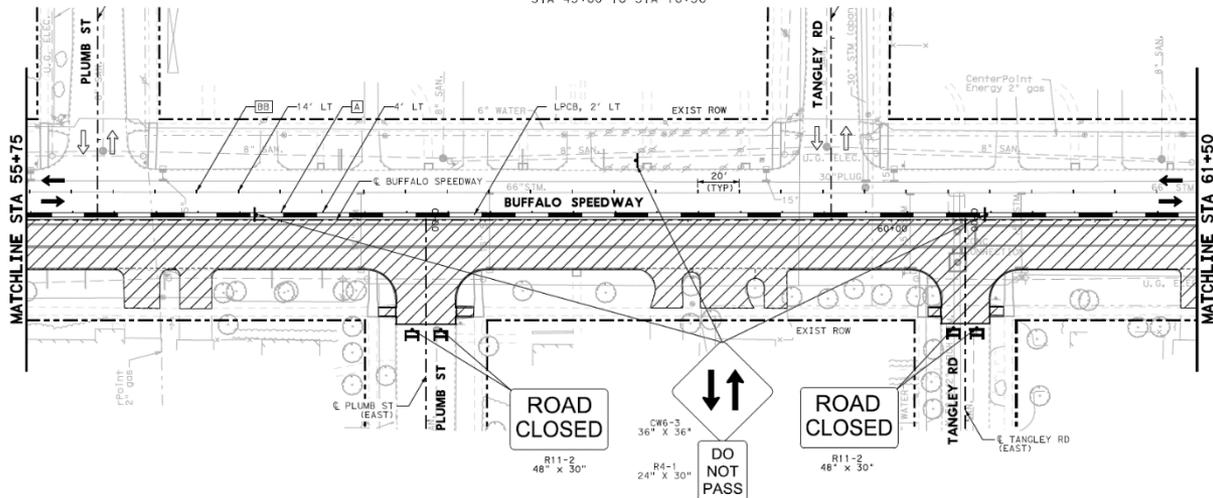


# Traffic Control Plan

Phase 4 – Amherst Street to Bissonnet Street

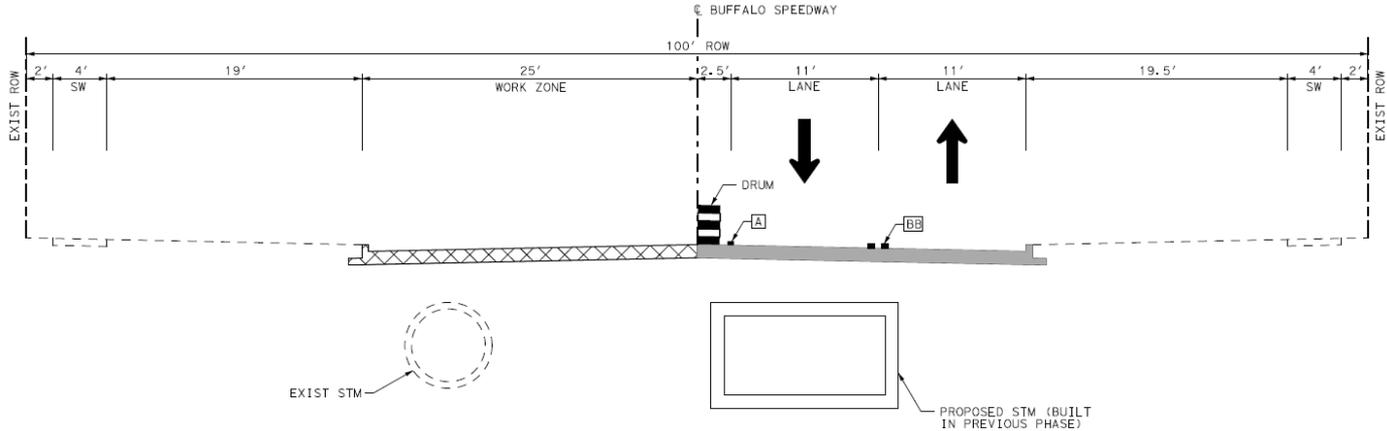


**BUFFALO SPEEDWAY**  
PHASE 4 STEP 1  
AMHERST ST. TO WROXTON RD.  
STA 45+60 TO STA 76+36

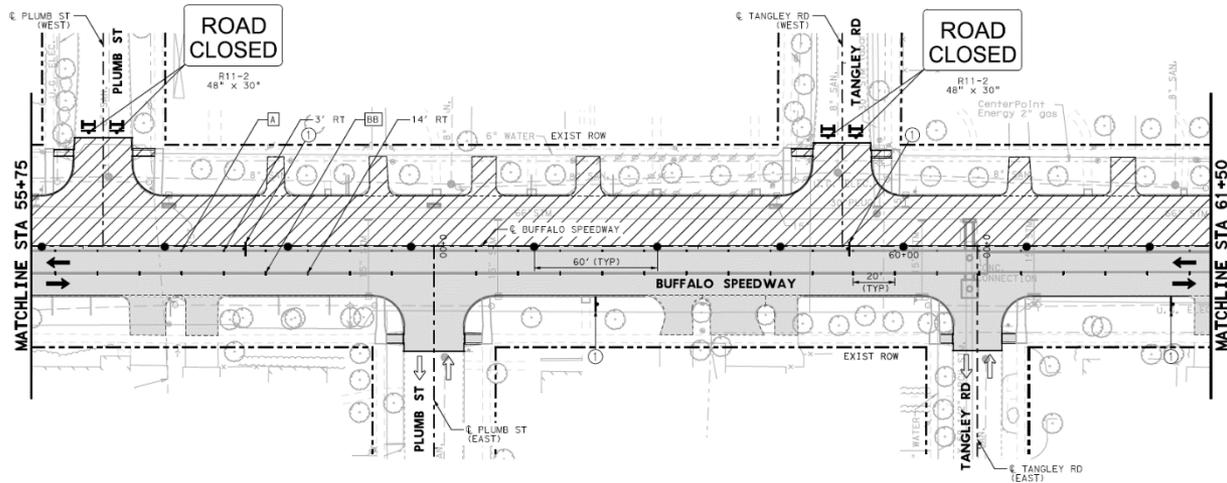


# Traffic Control Plan

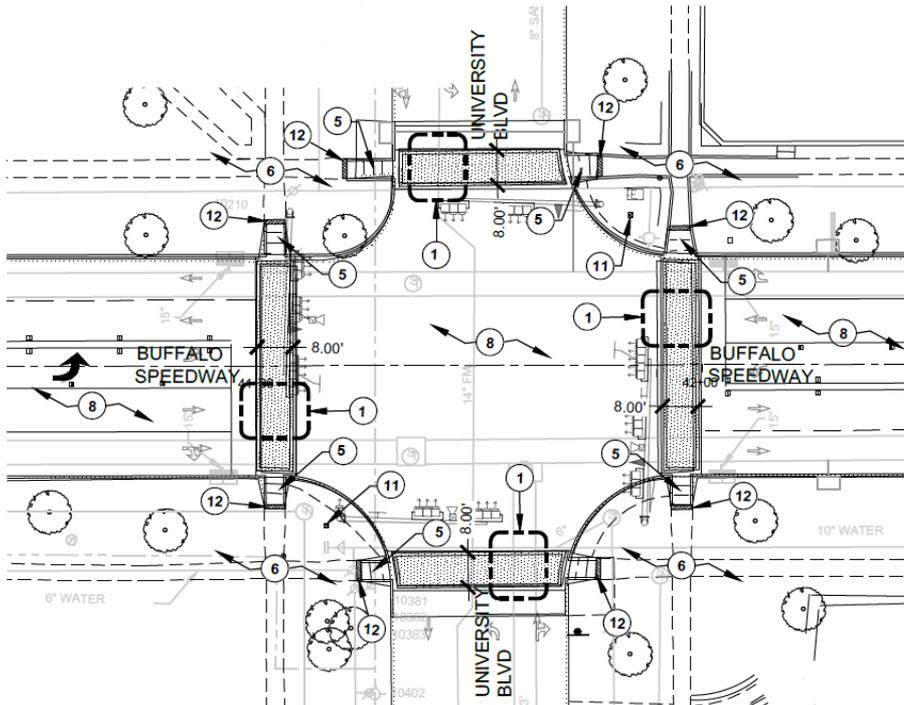
Phase 4 – Amherst Street to Bissonnet Street



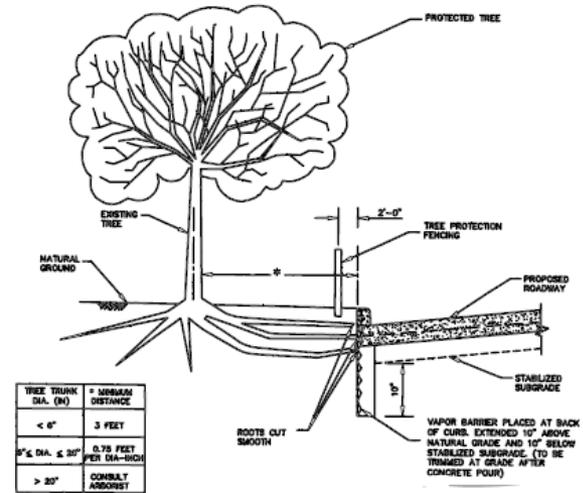
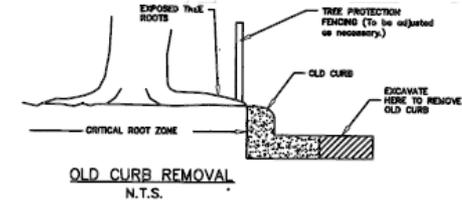
BUFFALO SPEEDWAY  
PHASE 4 STEP 2  
AMHERST ST. TO WROXTON RD.  
STA 45+60 TO STA 76+36



# Landscaping and Tree Protection



Landscaping



Tree Protection

## Next Steps

Project  
Kickoff

Oct 2018

30% Design

May 2019

Public  
Meeting #1

Jun 2019

60% Design

Oct 2019

Public Meeting  
#2

Oct 2019

90 % Design

Feb 2020

Public  
Meeting #3

Mar 2020

95% Design

Apr 2020

Final Design

Jun 2020

Construction

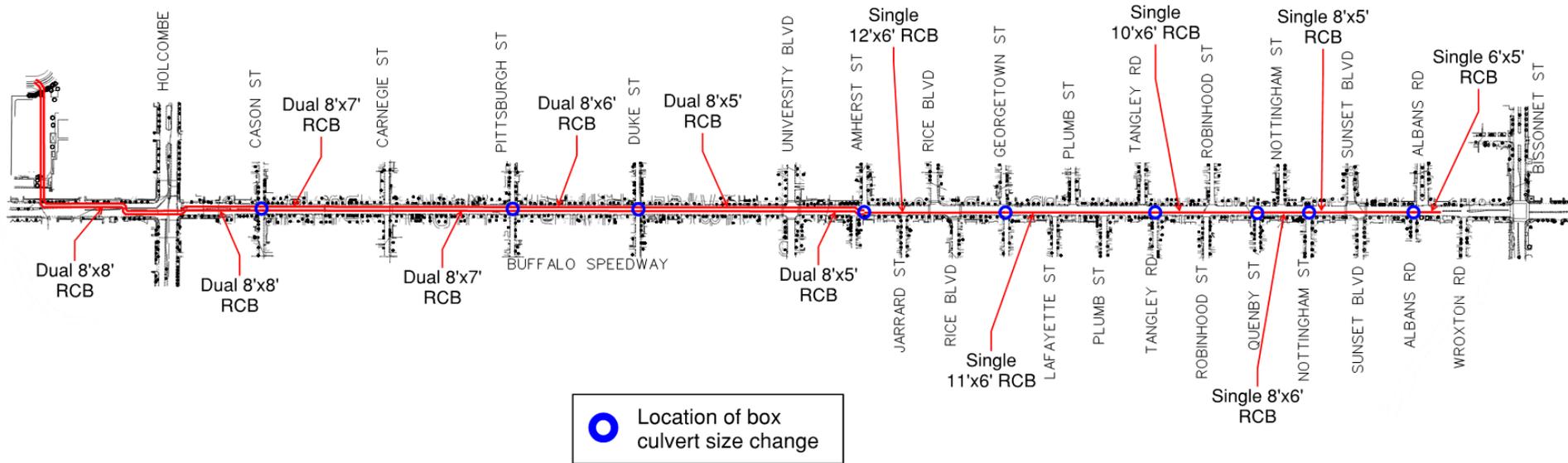
(Estimated)  
2021 - 2023

# Public Comment Session

Thank you

# BUFFALO SPEEDWAY RECONSTRUCTION

FROM BISSONNET ST TO HOLCOMBE BLVD



## Proposed Box Culvert Sizing