

STATE OF TENNESSEE SHELBY COUNTY

TDOT P.I.N.: 115241.13
 FEDERAL PROJECT NO.: CM-7900(49)
 STATE PROJECT NO.: 79LPLM-F1-288
 STATE CONSTRUCTION NO.: 79LPLM-F3-289
 LOCALLY MANAGED PROJECT

CONGESTION MANAGEMENT PROGRAM ADA IMPROVEMENTS SIGNAL SYSTEM PROJECT SET #7

CONGESTION MANAGEMENT PROGRAM (SIGNAL SYSTEM SET #7) - ADA IMPROVEMENTS			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
① 202-03	REMOVAL OF RIGID PAVEMENT, SIDEWALK, ETC.	S.Y.	150
② 701-01.01	CONCRETE SIDEWALK (4")	S.F.	1350
③ 701-02.01	CONCRETE CURB RAMP (RETROFIT)	S.F.	1125
④ 712-01	TRAFFIC CONTROL	L.S.	1
716-02.03	PLASTIC PAVEMENT MARKING (CROSS-WALK)	L.F.	850
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	L.F.	60
716-08.01	REMOVAL OF PAVEMENT MARKING (LINE)	L.F.	1000
716-08.05	REMOVAL OF PAVEMENT MARKING (STOP LINE)	L.F.	70
⑤ 730-01.02	REMOVAL OF SIGNAL EQUIPMENT	EACH	2
730-03.21	INSTALL PULL BOX (TYPE B)	EACH	8
730-08.01	SIGNAL CABLE - 3 CONDUCTOR	L.F.	150
730-08.02	SIGNAL CABLE - 5 CONDUCTOR	L.F.	1500
730-12.13	CONDUIT 2" DIAMETER (JACK AND BORE)	L.F.	1000
730-26.05	COUNTDOWN PEDESTRIAN SIGNAL	EACH	16
⑥ 730-26.06	PEDESTRIAN PUSHBUTTON POST	EACH	9
730-26.09	PEDESTRIAN PUSHBUTTON WITH 15IN SIGN	EACH	16

FOOTNOTES

- ① ITEM TO BE USED FOR SIDEWALK REMOVAL OUTSIDE OF FOOTPRINT FOR NEW RAMPS.
- ② ITEM TO BE USED TO INSTALL NEW SIDEWALK OUTSIDE OF FOOTPRINT OF NEW RAMPS.
- ③ TO INCLUDE THE INSTALLATION OF NEW CURB RAMPS WHERE EXISTING RAMPS ARE LOCATED. ITEM TO INCLUDE REMOVAL OF EXISTING SIDEWALK WITHIN FOOTPRINT OF NEW RAMPS.
- ④ TO INCLUDE ALL MATERIALS NECESSARY TO PROVIDE TRAFFIC CONTROL IN ACCORDANCE WITH TDOT STANDARD DRAWINGS.
- ⑤ TO INCLUDE THE REMOVAL OF PUSH BUTTONS, PEDESTRIAN SIGNS, AND/OR DISPLAYS AS SPECIFIED ON PLANS, PER INTERSECTION. ALL POSTS TO BE PAINTED COLLIERVILLE GREEN.
- ⑥ ITEM TO INCLUDE ALL MATERIALS NECESSARY TO INSTALL A FULLY FUNCTIONAL AUDIBLE PEDESTRIAN SYSTEM. APS TO HAVE A STAND ALONE POWER SUPPLY, BUILT IN CONFLICT MONITORING SYSTEMS, AND ETHERNET CAPABILITIES. PUSH BUTTONS TO HAVE THE ABILITY TO PROGRAM CUSTOM AUDIO MESSAGES FOR EACH INDIVIDUAL BUTTON, CONFIRMATION OF BUTTON PUSH VIA LED, SOUND, AND TACTILE BOUNCE, VIBRATE DURING ASSOCIATED WALK PHASE, AND VOLUMES THAT AUTOMATICALLY ADJUST TO AMBIENT NOISE.

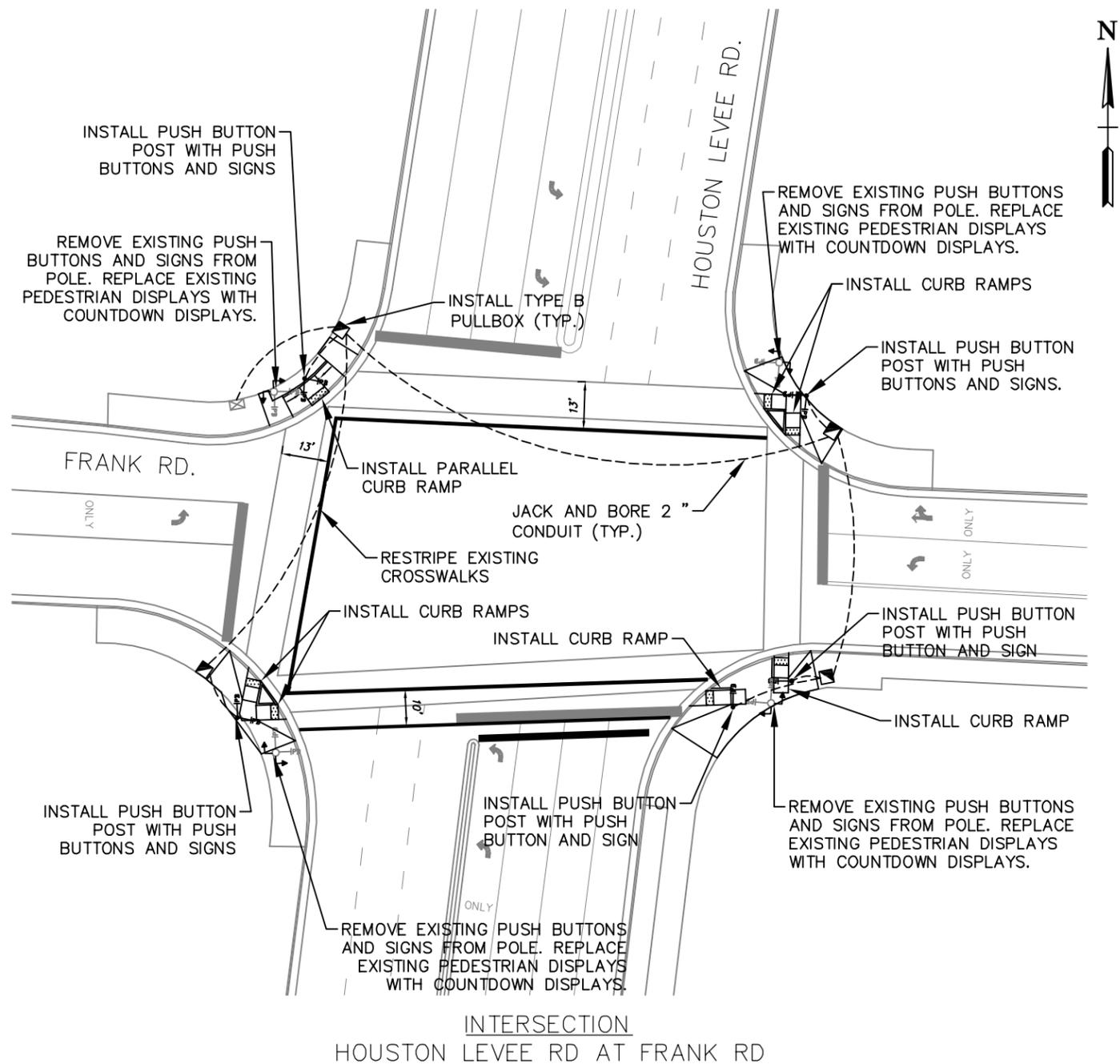
PROJECT INTERSECTIONS

HOUSTON LEVEE ROAD AT FRANK ROAD
 HOUSTON LEVEE ROAD AT WOLF RIVER BOULEVARD

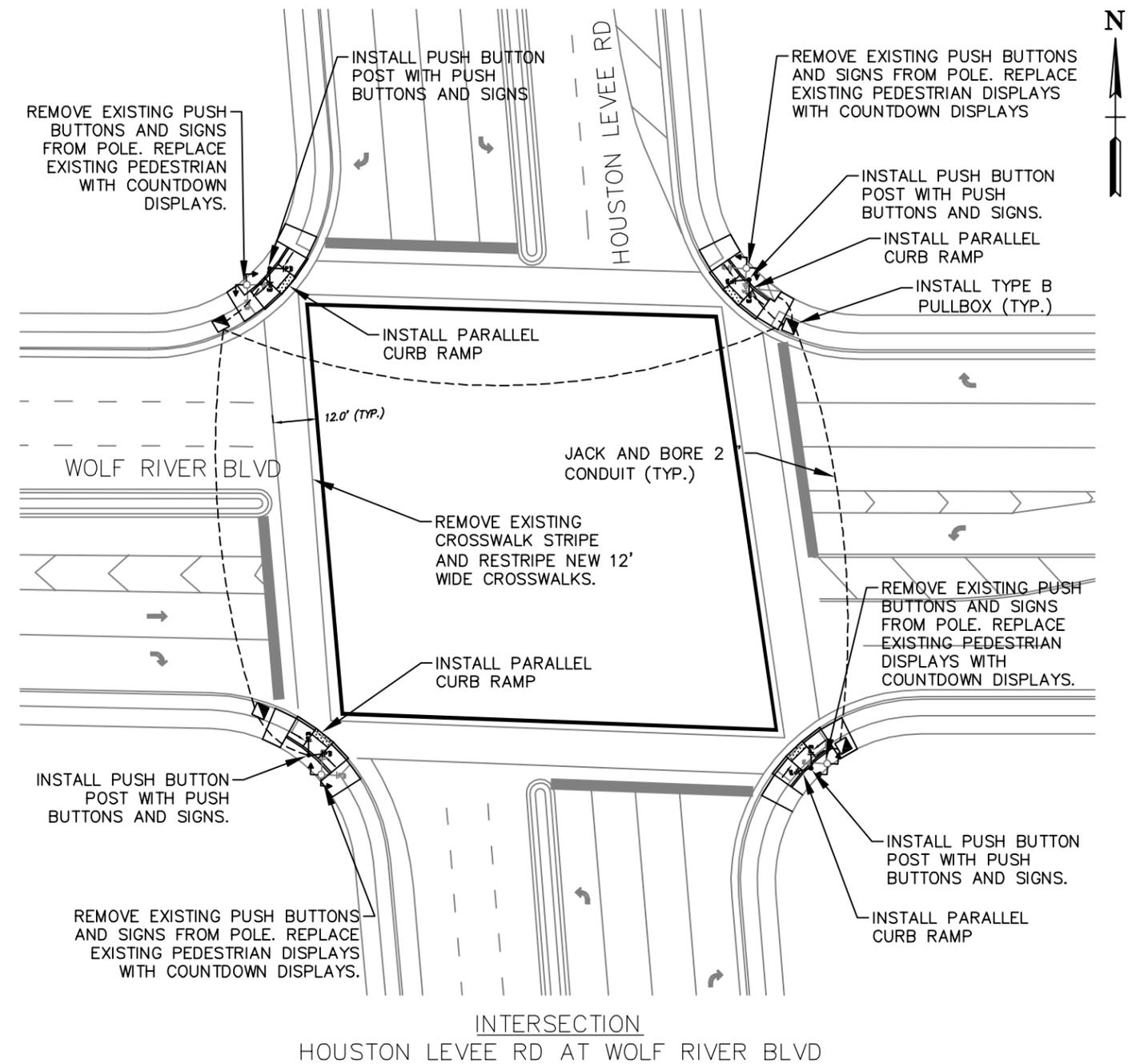
LEGEND

	EXISTING	PROPOSED
PEDESTAL POLE	○	●
SIGNAL POLE	○	●
PUSH BUTTON POST	○	●
STANDARD PULL BOX	☒	▣
BASE MOUNTED CABINET	☒	▣
POLE MOUNTED CABINET	☒	▣
PEDESTRIAN SIGNAL HEAD	↑	↑
PEDESTRIAN PUSH BUTTON	—PB	—PB
RIGHT OF WAY	---	---





INTERSECTION
HOUSTON LEVEE RD AT FRANK RD



INTERSECTION
HOUSTON LEVEE RD AT WOLF RIVER BLVD

NOTES

1. FOR PEDESTRIAN SIGNAL AND SIGN DETAILS, SEE TDOT STANDARD DRAWING T-SG-7.
2. FOR PUSHBUTTON POST AND PEDESTAL POLE DETAILS, SEE TDOT STANDARD DRAWING T-SG-9A.
3. FOR RAMP DETAILS, SEE TDOT STANDARD DRAWINGS RP-H-3 - RP-H-9.



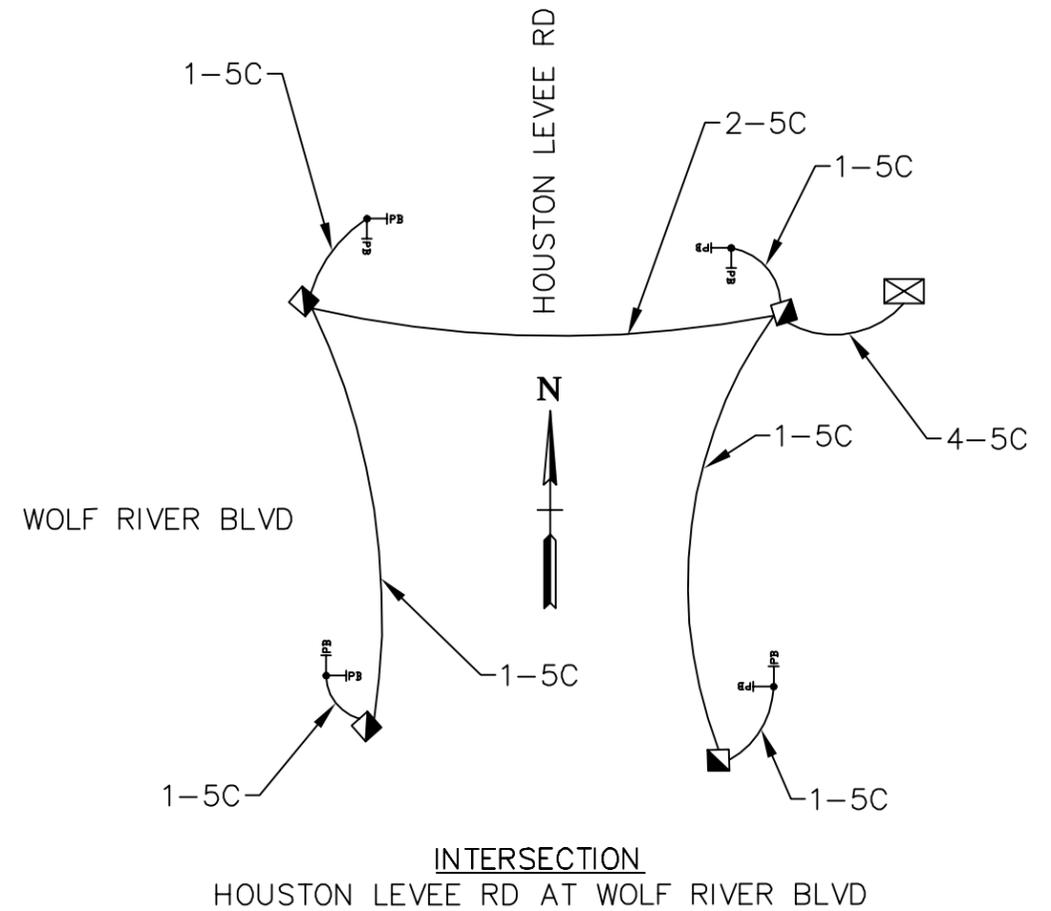
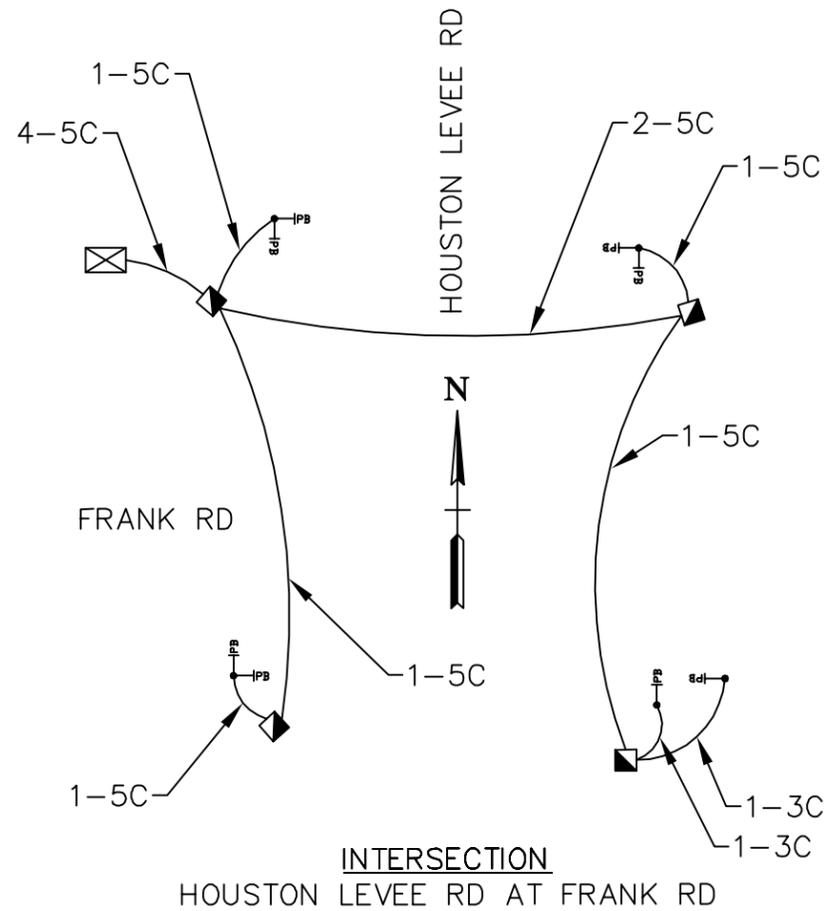
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ADA UPGRADES

DRAFTED: KHA DATE: 10/15 SCALE: 1"=40'
DESIGNED: ETJ DATE: 11/15 CHECKED: DAS DATE: 11/15



WIRING DIAGRAMS



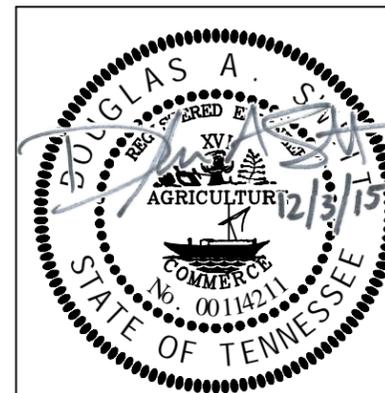
CONDUCTOR ASSIGNMENT CHART

PEDESTRIAN PUSHBUTTONS	
5C CABLE	
PHASE	CONDUCTOR COLOR
EAST/WEST	BLACK
EAST/WEST	RED
NORTH/SOUTH	WHITE
NORTH/SOUTH	ORANGE
SPARE	GREEN

PEDESTRIAN SIGNALS	
7C CABLE	
PHASE	CONDUCTOR COLOR
EAST OR WEST	
DON'T WALK	RED
WALK	BLACK
NORTH OR SOUTH	
DON'T WALK	ORANGE
WALK	GREEN
NEUTRAL	WHITE
SPARE	BLUE
SPARE	WHITE/BLACK

WIRING DIAGRAM LEGEND

- 7C - 7 CONDUCTOR
- 5C - 5 CONDUCTOR
- 3C - 3 CONDUCTOR



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WIRING DIAGRAM

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