# The Enclosed Document Is Provided For Your Convenience.

# Please Email ALL Questions:

MailTo:ContractAdministration@TampaGov.net

Please Let Us Know If You Plan To Bid

City of Tampa
Contract Administration Department
306 E. Jackson St. #280A4N
Tampa, FL 33602
(813)274-8456

# CITY OF TAMPA DEPARTMENT OF TRANSPORTATION

# CONTRACT PLANS

CITY OF TAMPA PROJECT ID 1000260 FINANICAL PROJECT ID: 432717-1-58-01 (FEDERAL FUNDS)

INDEX OF SIGNALIZATION PLANS

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SHEET DESCRIPTION

TABULATION OF QUANTITIES

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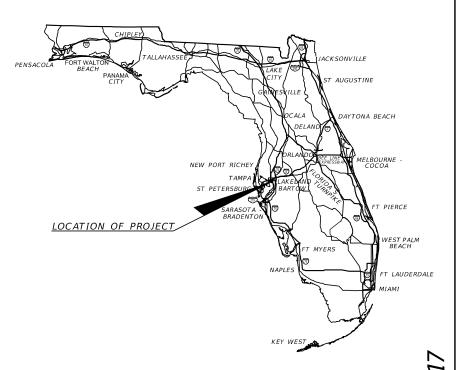
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WILLOW AVENUE FROM SWANN AVENUE TO MAIN STREET BIKE LANE/SIDEWALK PROJECT

SIGNALIZATION PLANS



## SIGNALIZATION PLANS ENGINEER OF RECORD:

FELICIA A. PANNELL, P.E. NO.: 66348
SAM SCHWARTZ ENGINEERING, D.P.C., PA
2709 N. ROCKY POINT DR., SUITE 104
TAMPA, FL 33607
(813) 289-7771
CONTRACT NO.: 13-05-1893
VENDOR NO.: 46-1885050
CERTIFICATE OF AUTHORIZATION NO.: 30268

#### GEC PROJECT MANGER:

CHRIS MEARES, P.E.

### CITY OF TAMPA PROJECT MANAGER:

NINA S. MABILLEAU, E.I.

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PLANS

# TABULATION OF QUANTITIES

30 2 12 CONI 32 7 2 SIGI 35 2 11 PUL 39 - 2 - 1 ELEG 46 1 11 ALUI 46 1 60 ALUI 50 1 14 TRAI 50 1 60 TRAI 50 1 70 TRAI 53 - 1 - 11 PEDI 53 - 1 - 12 PEDI 53 - 1 - 60 PEDI 60 2 101 LOOI	DESCRIPTION  NDUIT, F&I, OPEN TRENCH, UNDERGROUND  NDUIT, F&I, DIRECTIONAL BORE  GNAL CABLE - REPAIR/REPLACE/OTHER F&I  LL BOX, F&I, 13x24  ECTRICAL SIGNAL CABLE, F&I  UMINUM SIGNALS POLE, PEDESTAL  UMINUM SIGNALS POLE, REMOVE  AFFIC SIGNAL, F&I, ALUMINUM, 3-SECTION/1-WA	UN 17  LF  LF  EA  LF  EA	PLAN FIN		T - 5 AN FINA	T - 6 AL PLAN FINAL	T											THIS SHEET	TOTAL	
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0 2 101 LOO	DESTRIAN SIGNAL, RELOCATE	AS					1	!										1	1	
	DESTRIAN SIGNAL, REMOVE	AS					2	?										2	2	
0 2 106  LOO	OP ASSEMBLY-F&I, TYPE A	AS			1		2	?										3	3	
	OP ASSEMBLY-F&I, TYPE F	AS			1													1	1	
	HICULAR DETECTION SYSTEM, MICROWAVE, F&I,	EA	1															1	1	
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	AFFIC CONTROLLER - ASSEMBLY, F&I, NEMA	AS	1			<del>-</del>	† **											1	1	+
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	GN PANEL, F&I, OVERHEAD MOUNT, UP TO 12 SF	EA	2															2	2	
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2709 N. ROCKY POINT DR., SUITE 104 TAMPA, FL 33607 CERTIFICATE OF AUTHORIZATION 30268

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#### GENERAL NOTES

- 1. NO AS BUILTS ARE AVAILABLE AT ANY OF THE SIGNALIZED INTERSECTIONS SHOWN IN THE SIGNALIZATION PLANS.
- 2. ONE WEEK PRIOR TO THE START OF THE TRAFFIC SIGNAL INSTALLATION, THE SIGNAL CONTRACTOR SHALL CONTACT:

  A) MR. SCOTT KEITH, TRAFFIC SIGNAL SUPERVISOR
  CITY OF TAMPA
  3802 E. 26TH AVENUE
  TAMPA, FLORIDA 33605
  PHONE: (813)622-1974

EMAIL: scott.keith@tampagov.net

- 3. PRIOR TO ALL TRAFFIC SIGNAL CHANGES (I.E., MAINTENANCE OF TRAFFIC CHANGES, NEW SIGNAL INSTALLATIONS, DIFFERENT PAVEMENT CONFIGURATIONS, ETC.), CONTACT F.D.O.T. DISTRICT SEVEN TRAFFIC OPERATIONS, AT (813) 975-6232, AT LEAST 48 HOURS IN ADVANCE FOR IMPLEMENTATION OF APPROPRIATE SIGNAL TIMINGS.
- 4. THE CONTRACTOR SHALL CONTACT THE LOCAL POWER COMPANY FOR THEIR ASSISTANCE IN PERFORMING ALL NECESSARY WORK UNDER POWER LINES. SUCH WORK SHALL INCLUDE, BUT NOT BE LIMITED TO THE INSTALLATION OF SPAN WIRE, SIGNAL CABLE, FIBERGLASS INSULATORS, AND / OR SIGNAL POLES.
- 5. AT THE SIGNALIZED INTERSECTION OF W. PLATT STREET AND N. WILLOW AVENUE, THE CITY OF TAMPA INSTALLED A NEW OVERHEAD SPAN WIRE AND SIGNAL CABLE PRIOR TO THE CONSTRUCTION OF THIS PROJECT. FOUR HANGERS WERE INSTALLED TO ACCOMODATE THE PHASING PROPOSED FOR THIS PROJECT.
- 6 ANY TRAFFIC SIGNAL EQUIPMENT RELOCATION WILL BE PERFORMED BY CITY FORCES, CONTACT VIK BHIDE (813) 274-8066 WHEN THE INITIAL PAVEMENT MARKINGS ARE COMPLETE.
- DAMAGED LOOPS & FEEDERS WILL BE REPLACED AS PART OF THIS PROJECT. BEFORE THE LOOPS ARE CUT, NOTIFY TRAFFIC OPERATIONS ED ABBOT AT (813) 622-1967, (813) 274-1974 OR (813) 274-1969 SO THAT HE CAN ORGANIZE REPLACEMENT.
- 8. CONTRACTOR SHALL REQUEST GENERAL INFORMATION PACKAGE FROM SIGNAL SHOP. NO DAISY CHAINING OF PEDESTRIAN CABLE. CONTACT JAMES COOK TO VERIFY STREET NAME SIGNS. CONTACT JIMMY FOUNTAIN FOR ADVICE TO MOUNT RADAR.

#### PAY ITEM FOOTNOTES:

- 1. 630-2-11 & 630-2-12: ALL CONDUIT RUNS SHOWN ON THE PLANS ARE SCHEMATIC AND FIELD ADJUSTMENTS MAY BE NECESSARY. WITH THE EXCEPTION OF ELECTRICAL POWER SERVICE DUCTS, AND JACK AND BORE SLEEVES, ALL UNDERGROUND AND UNDER PAVEMENT CONDUITS SHALL BE SCHEDULE 40 PVC WITH A MINIMUM SIZE OF TWO INCHES, UNLESS OTHER-WISE SPECIFIED IN THE PLANS.
- 2. 646-1-11: ALL ALUMINUM SIGNAL PEDESTAL POLES SHALL BE MOUNTED ON TRANSFORMER BASES AND SHALL BE GROUNDED AT THE TRANSFORMER BASE.
- 3. 660-2-101 & 660-2-106: THE CONTRACTOR SHALL NOTIFY THE CITY OF TAMPA SIGNAL SHOP AT LEAST 48 HOURS IN ADVANCE OF LOOP CUTTING.
- 670-5-110:
  THE CONTRACTOR SHALL NOTIFY THE CITY OF TAMPA SIGNAL SHOP AND F.D.O.T.
  DISTRICT SEVEN TRAFFIC OPERATIONS (VIA EMAIL) AT LEAST 48 HOURS IN ADVANCE OF
  TURNING ON A NEW OR MODIFIED CONTROLLER CABINET ASSEMBLY. CABINET
  DOOR SHOULD OPEN AWAY FROM TRAFFIC. THE TECHNICIAN SERVICE SLAB SHALL
  BE A MAXIMUM OF 4" BELOW THE TOP OF THE CONCRETE PADTHE CABINET SHALL
  INCLUDE AN EIGHT PHASE BACKPLANE WITH A MINIMUM OF 16 POSITIONS ON THE
  LOAD BAY AND SHALL INCLUDE ADDITIONAL COST OF LABOR, CONCRETE, AND OTHER
  MATERIALS FOR CONTROLLER BASE, PAD, AND STEPS, AS ONE UNIT.
  THE CONTRACTOR SHALL COORDINATE WITH THE CITY OF TAMPA SIGNAL SHOP
  FOR ACCEPTABLE CHOICES OF TRAFFIC CONTROLLER AND CONTROLLER CABINET.
- 5. 670-5-400: ADD ADDITIONAL PEDESTRIAN DETECTORS IN CABINET.

MODIFY EXISTING CONTROLLER AND PERFORM ANY CABINET AND FIELD WIRING NECESSARY TO REPLACE PEDESTRIAN SIGNALS PER PLAN.

CORE-DRILL EXISTING CONTROLLER CABINET BASE AND INSTALL NEW CONDUITS IF SPARE CONDUIT STUB-OUTS CANNOT BE USED. INSTALL NEW CONDUITS INTO THE EXISTING FOUNDATION AS REQUIRED IN PLANS. WHEN ADDITIONAL CONDUITS ARE REQUIRED, THE CONDUIT SHALL BE A MINIMUM OF 2" DIAMETER. LOCATE NEW CONDUITS SO THEY WILL NOT OBSTRUCT THE MAINTENANCE OF EQUIPMENT IN THE CABINET OR THE ANCHORING OF THE CABINET FLANGE TO THE CONCRETE FOUNDATION.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING INTERNAL CABINET AND EQUIPMENT FROM DUST AND DEBRIS CAUSED BY CORE DRILLING.

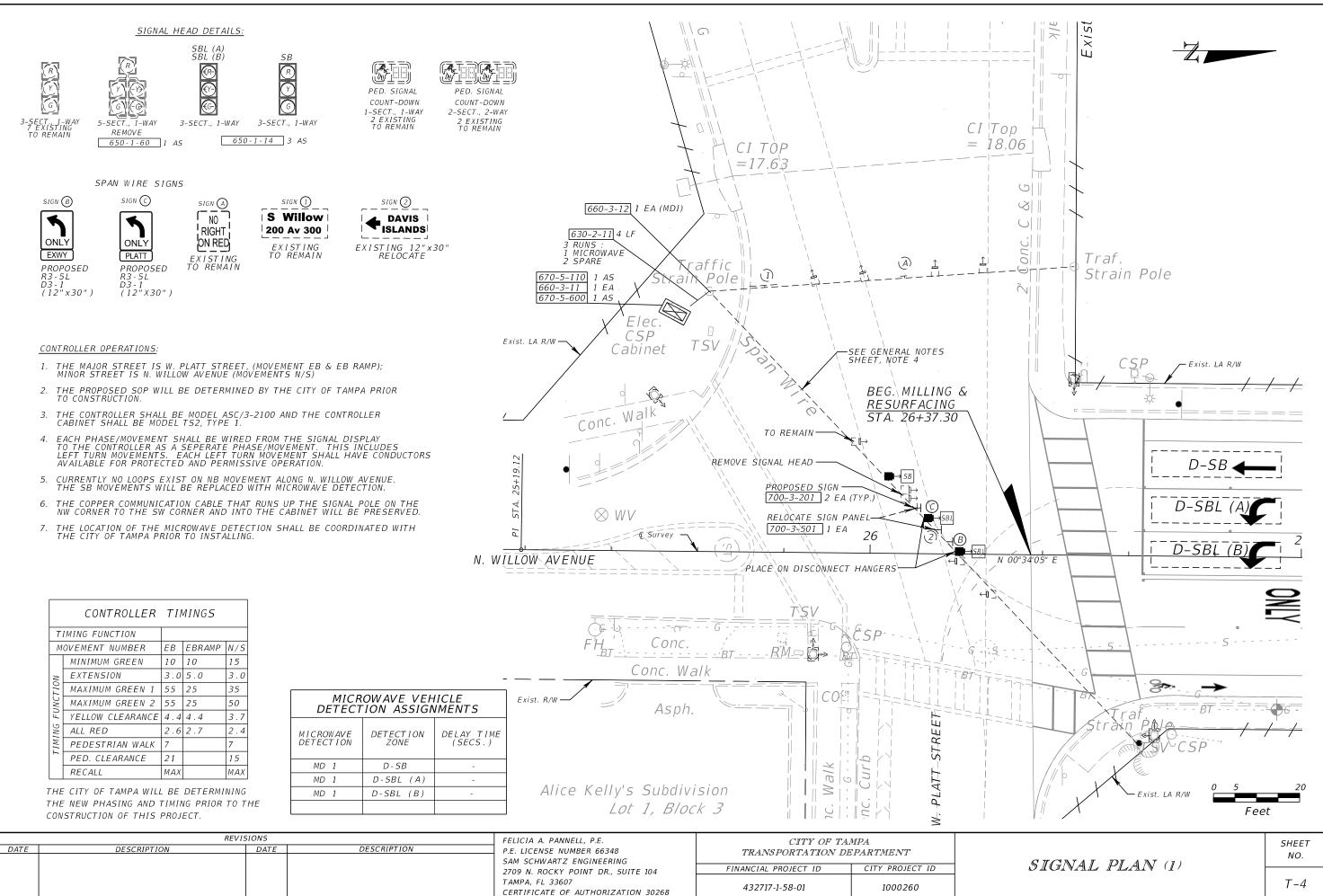
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GENERAL NOTES

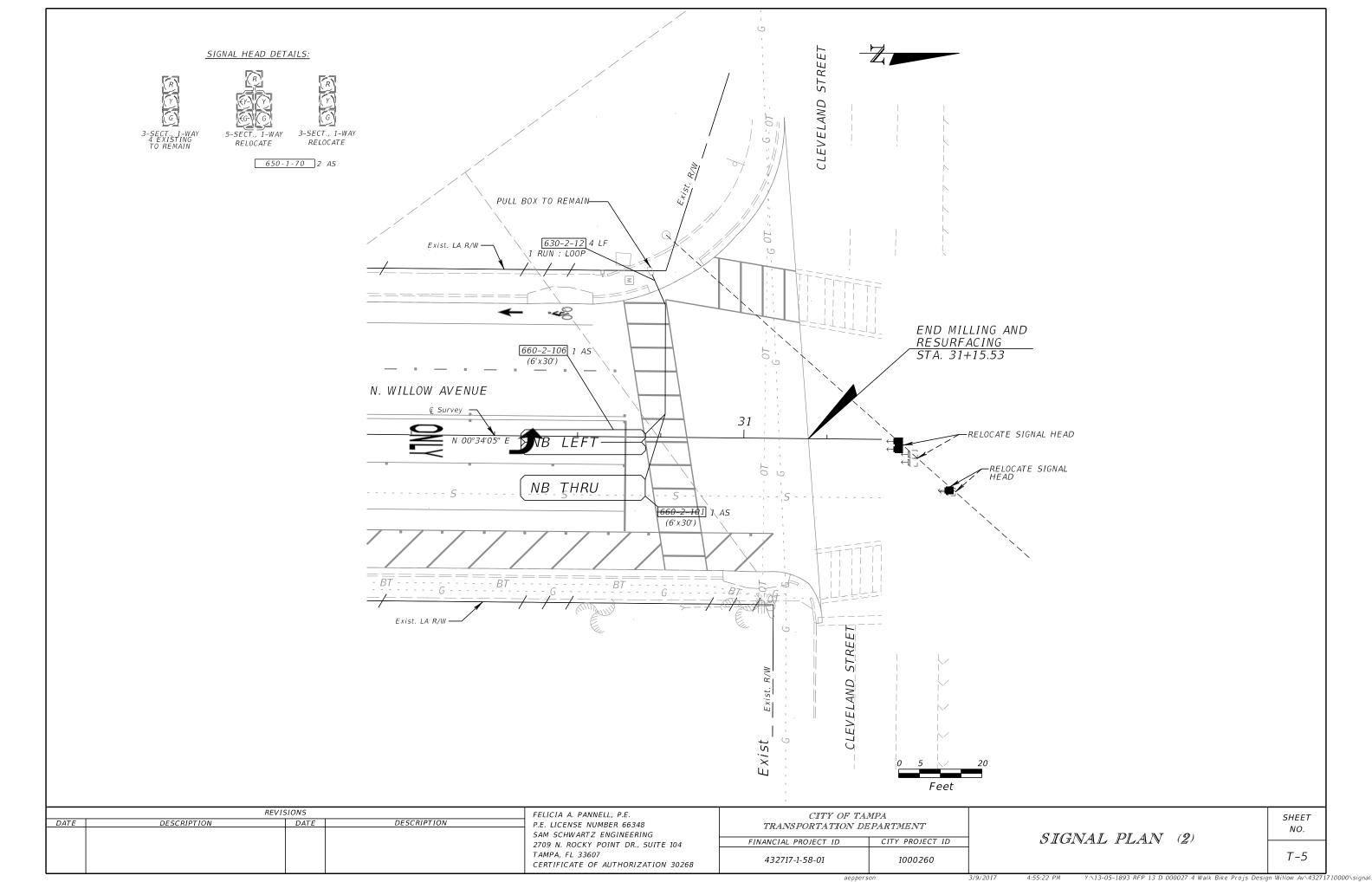
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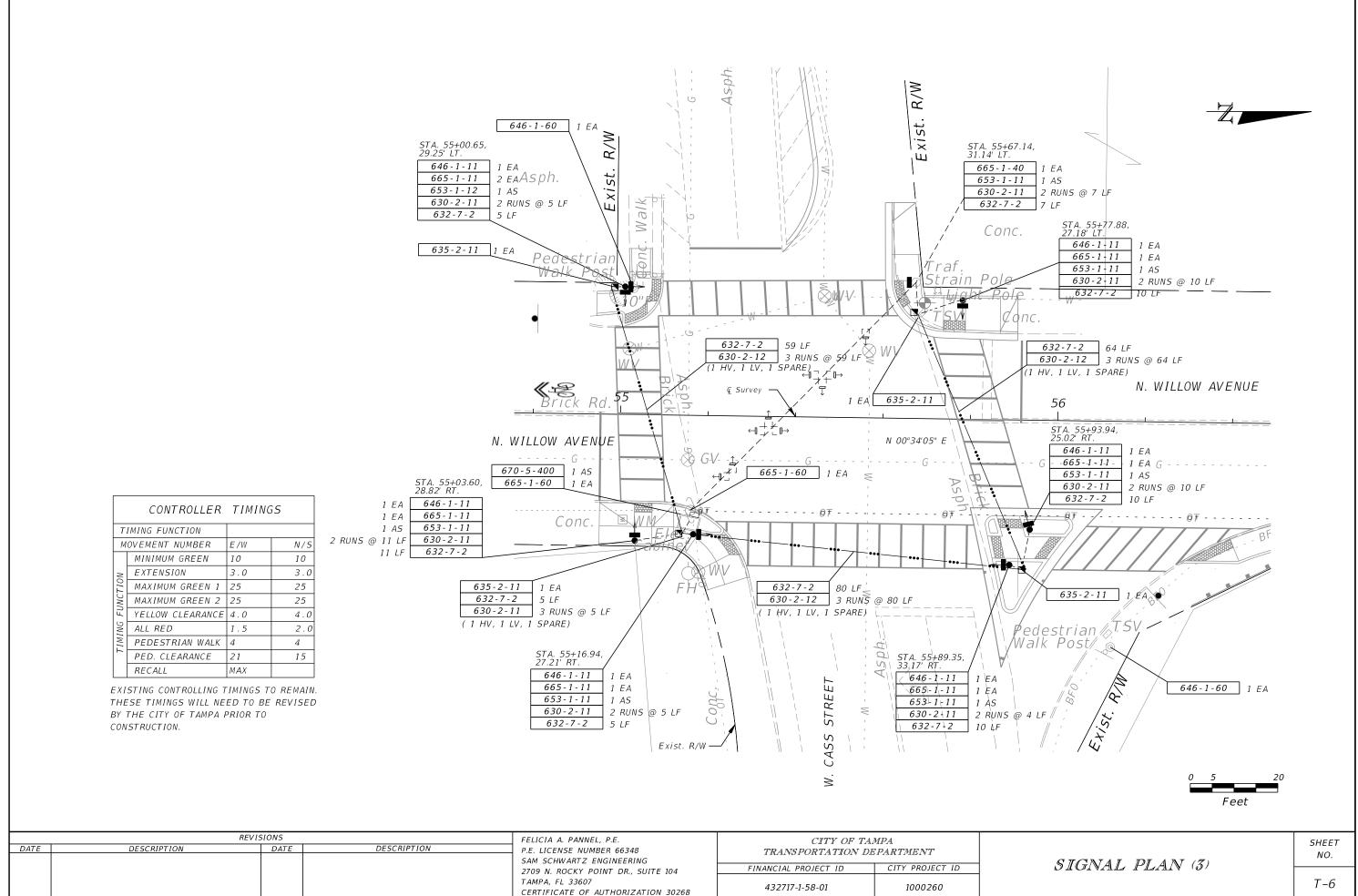
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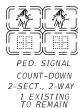




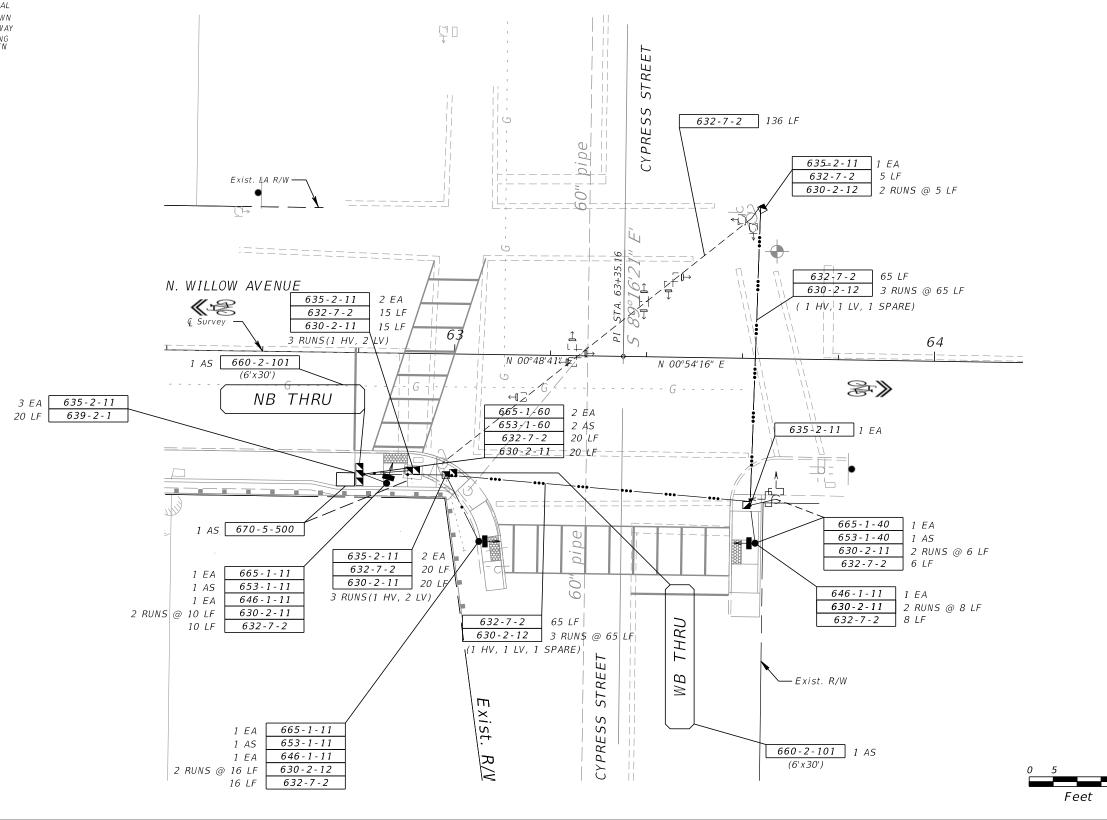
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REVISIONS

DATE DESCRIPTION DATE DESCRIPTION

FELICIA A. PANNELL, P.E.
P.E. LICENSE NUMBER 66348
SAM SCHWARTZ ENGINEERING
2709 N. ROCKY POINT DR., SUITE 104
TAMPA, FL 33607
CERTIFICATE OF AUTHORIZATION 30268

CITY OF TAMPA
TRANSPORTATION DEPARTMENT

FINANCIAL PROJECT ID CITY PROJECT ID

432717-1-58-01 1000260

SIGNAL PLAN (4)

SHEET NO.

T-7

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3/9/2017