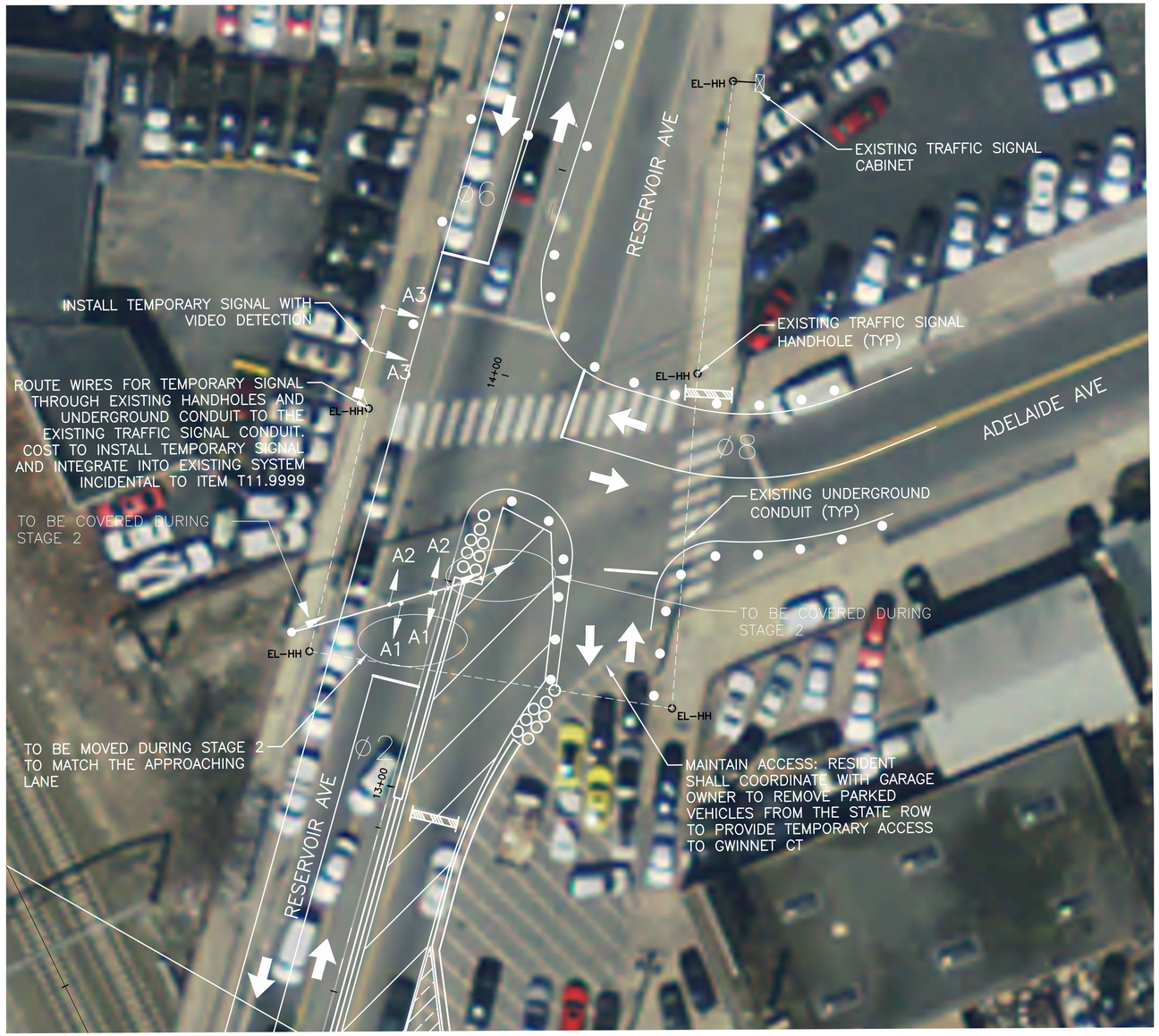
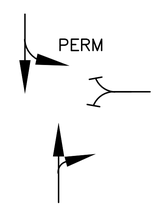
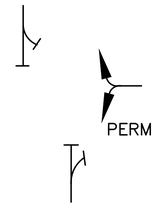
FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI	BRO-0327(005)	2021	44	52



N

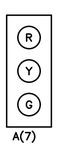
GENERAL NOTES:
1. TEMPORARY SIGNAL MODIFICATIONS TO RELOCATE TRAFFIC SIGNAL HEADS AND TO MODIFY SIGNAL TIMING.
2. ALL DELAY AND EXTENSION TIMES, AS CALLED FOR ON THE PLANS, FOR PROPOSED LOOP DETECTORS, SHALL BE PROGRAMMED IN THE TRAFFIC SIGNAL CONTROLLER AND NOT THE DETECTOR RELAY.
3. EXISTING PREEMPTION PHASING TO REMAIN ACTIVE THROUGHOUT THE DURATION OF THE DETOUR.
4. ALL TIMING AND PHASING AFFECTED DURING CONSTRUCTION SHALL BE RETURNED TO THE ORIGINAL STATE AT THE COMPLETION OF THE BRIDGE WORK. THIS WORK IS INCIDENTAL TO ITEM T11.9999 TEMPORARY TRAFFIC SIGNAL SYSTEMS – CONSTRUCTION AND MAINTENANCE.

SEQUENCE AND TIMING PLAN (RESERVOIR AVE @ ADELAIDE AVE)

APPROACH	ø2 (VEH)			ø8 (VEH)			DIRECTION	HOUSING
								
MINIMUM	10			5				
VEHICLE EXTENSION	2.4			2.4				
MAX GRN (AM PEAK)	49			21				
MAX GRN (OFF PEAK)	44			26				
MAX GRN (PM PEAK)	55			25				
YELLOW CLEARANCE		3.0			3.0			
RED CLEARANCE			2.0			2.0		
RESERVOIR AVE	G	Y	R	R	R	R	NEB	A1
RESERVOIR AVE	G	Y	R	R	R	R	SWB	A2
ADELAIDE AVE	R	R	R	G	Y	R	WB	A3
DETECTOR	NON-LOCK			NON-LOCK				
RECALL	MIN-ON			MIN-ON				

ALL PHYSICAL EQUIPMENT EXISTING TO REMAIN INCLUDING, BUT NOT LIMITED TO: SIGNING, STRIPING, MAST ARM, POLES, PEDESTRIAN HEADS, CABINET, DETECTOR EQUIPMENT, AND ALL SIGNAL EQUIPMENT.

EXISTING SIGNAL FACES
(EXISTING TO REMAIN)



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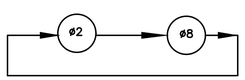
PHASE SEQUENCE DIAGRAM:



TIMING PLAN	CYCLE LENGH	OFFSET
AM PEAK	80	14
OFF PEAK	80	9
PM PEAK	90	6

SIGNAL TIMING SHOWN ARE THE EXISTING CONDITIONS. STAGE 1 DOES NOT REQUIRE CHANGES TO THE SIGNAL TIMING

15 0 15 30 60
HORIZONTAL SCALE IN FEET
SCALE 1" = 15'-0"

SEQUENCE AND TIMING NOTES:
1. PERM = PERMISSIVE
2. OL = OVERLAP
3. MAX GRN (AM PEAK) = 6AM-9AM
4. MAX GRN (PM PEAK) = 3PM-6PM
5. MAX GRN (OFF PEAK) = 9AM-3PM & 6PM-6AM
6. PED. W/FDW UPON PUSHBUTTON ACUATION ONLY

Louis Berger
166 VALLEY STREET, BUILDING 5
PROVIDENCE, RI 02909
TEL 401 521 5980
WWW.LOUISBERGER.COM

REVISIONS		
NO.	DATE	BY

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

SUPERSTRUCTURE REPLACEMENT
RESERVOIR AVE. RR BRIDGE NO. 327
PROVIDENCE, RHODE ISLAND

TEMPORARY SIGNAL
ADELAIDE AVE & RESERVOIR AVE
STAGE 2

CHECKED BY PWS DATE 11/23/2020 SCALE AS NOTED

TCONTROL_TEMP SIGNALS.DWG