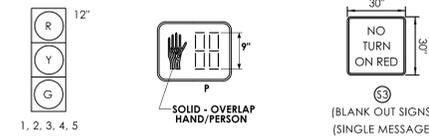


TECHNICAL NOTES	OFFICE RECORD
STANDARD OVERLAP SKIP FEATURES APPLY.	REV # TIR # SM # SIGNAL REVISED:
PERCUSSIVE TONE ONLY DURING PEDESTRIAN WALK INTERVAL.	REPLACED SIGNAL EQUIPMENT UNDER PROJECT 0171-0504.
COUNTDOWN ONLY DURING FLASHING PEDESTRIAN CHANGE INTERVAL.	
BLANK OUT SIGNS TO BE ON ONLY WHEN ASSOCIATED PEDESTRIAN PHASE ACTUATED.	

**SIGN LEGEND**

(A)	INSTALL MAST ARM MTD.	31-0183	
(B)	EXISTING	31-0333	
(C)	REPLACE	31-1526 Z	
(D)	INSTALL	31-0333	
(E)	EXISTING	31-0282 Z	
(F)	INSTALL	31-0816	
(G)	INSTALL	31-0830 Z	

**SIGNAL FACES**



ALL INDICATIONS TO HAVE LED LAMPS.  
ALL VEHICULAR SIGNAL FACES TO HAVE BACKPLATES WITH RETROREFLECTIVE YELLOW BORDER.

**CONSTRUCTION NOTES**

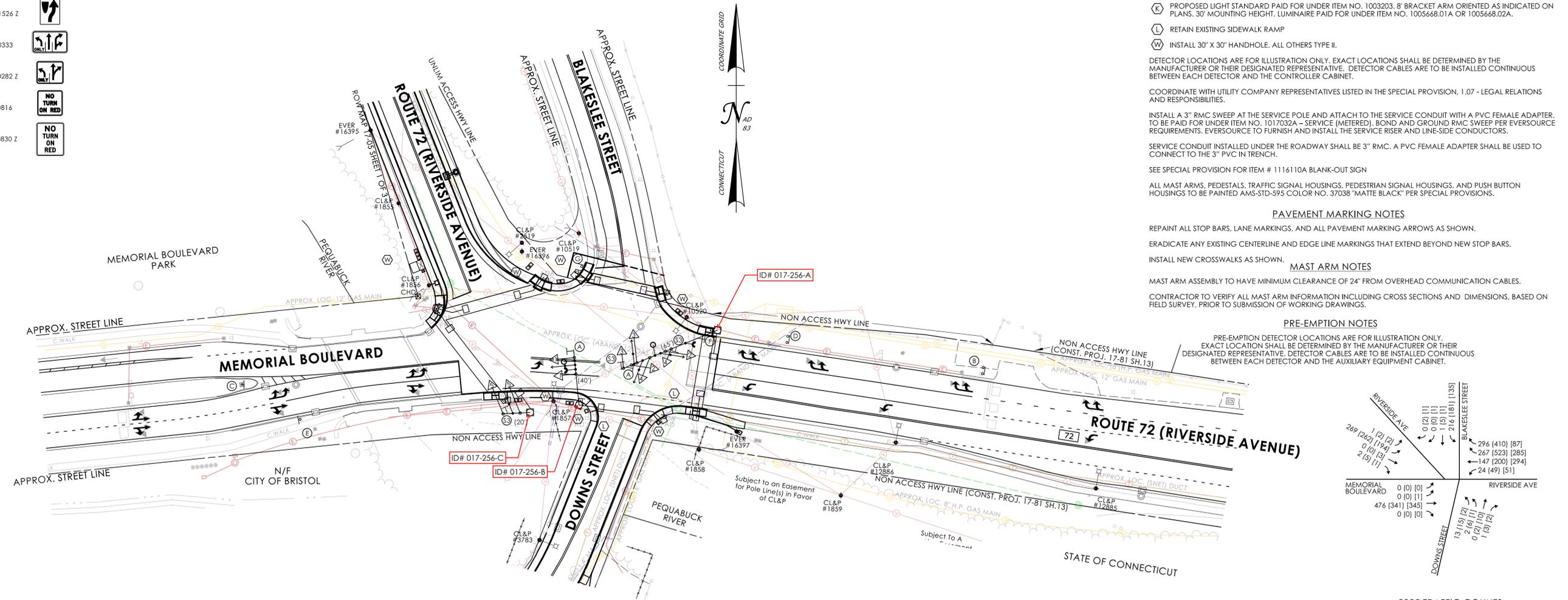
ALL TRAFFIC SIGNAL EQUIPMENT IS NEW.  
STATE FORCES TO STAKE ALL R.O.W. PRIOR TO EXCAVATION UNLESS OTHERWISE DIRECTED BY THE ENGINEER.  
ANY PROPOSED REVISIONS TO THE LOCATION OF THE APPURTENANCES SHOWN ON THE PLAN MUST BE SUBMITTED FOR REVIEW AND APPROVAL BY THE DIVISION OF TRAFFIC ENGINEERING PRIOR TO INSTALLATION.  
REMOVE ALL ABANDONED TRAFFIC SIGNAL EQUIPMENT PER SPECIAL PROVISION. FOR ITEM #1118012A "REMOVAL AND/OR RELOCATION OF TRAFFIC SIGNAL EQUIPMENT"  
THE LOCATION OF TRAFFIC SIGNAL FOUNDATIONS WHEN IN OR ADJACENT TO SIDEWALKS SHALL BE VERIFIED PRIOR TO INSTALLATION TO PROVIDE A FREE PATH OF NOT LESS THAN 5 FEET. IF A MINIMUM 5 FOOT FREE PATH IS UNAVAILABLE, NOTIFY THE ENGINEER AND CONTACT THE DIVISION OF TRAFFIC ENGINEERING.  
INSTALL PEDESTAL FOUNDATIONS ADJACENT TO LANDING AREAS.  
INSTALL PEDESTRIAN COUNTDOWN SIGNAL AND APS PUSH BUTTON ON 8 FOOT ALUMINUM PEDESTAL AND FOUNDATION AS SHOWN.  
(J) INSTALL EXTENSION BRACKET TO ENSURE PUSH BUTTON WILL BE ACCESSIBLE FROM THE LANDING AREA.  
(K) PROPOSED LIGHT STANDARD PAID FOR UNDER ITEM NO. 1003203. 8' BRACKET ARM ORIENTED AS INDICATED ON PLANS. 30' MOUNTING HEIGHT. LUMINAIRE PAID FOR UNDER ITEM NO. 1005668.01A OR 1005668.02A.  
(L) RETAIN EXISTING SIDEWALK RAMP  
(W) INSTALL 30" X 30" HANDHOLE. ALL OTHERS TYPE II.  
DETECTOR LOCATIONS ARE FOR ILLUSTRATION ONLY. EXACT LOCATIONS SHALL BE DETERMINED BY THE MANUFACTURER OR THEIR DESIGNATED REPRESENTATIVE. DETECTOR CABLES ARE TO BE INSTALLED CONTINUOUS BETWEEN EACH DETECTOR AND THE CONTROLLER CABINET.  
COORDINATE WITH UTILITY COMPANY REPRESENTATIVES LISTED IN THE SPECIAL PROVISION. 1.07 - LEGAL RELATIONS AND RESPONSIBILITIES.  
INSTALL A 3" RMC SWEEP AT THE SERVICE POLE AND ATTACH TO THE SERVICE CONDUIT WITH A PVC FEMALE ADAPTER. TO BE PAID FOR UNDER ITEM NO. 1017032A - SERVICE (METERED). BOND AND GROUND RMC SWEEP PER EVERSOURCE REQUIREMENTS. EVERSOURCE TO FURNISH AND INSTALL THE SERVICE RISER AND LINE-SIDE CONDUCTORS.  
SERVICE CONDUIT INSTALLED UNDER THE ROADWAY SHALL BE 3" RMC. A PVC FEMALE ADAPTER SHALL BE USED TO CONNECT TO THE 3" PVC IN TRENCH.  
SEE SPECIAL PROVISION FOR ITEM # 1116110A BLANK-OUT SIGN  
ALL MAST ARMS, PEDESTALS, TRAFFIC SIGNAL HOUSINGS, PEDESTRIAN SIGNAL HOUSINGS, AND PUSH BUTTON HOUSINGS TO BE PAINTED AMS-STD-595 COLOR NO. 37038 "MATTE BLACK" PER SPECIAL PROVISIONS.

**PAVEMENT MARKING NOTES**

REPAINT ALL STOP BARS, LANE MARKINGS, AND ALL PAVEMENT MARKING ARROWS AS SHOWN.  
ERADICATE ANY EXISTING CENTERLINE AND EDGE LINE MARKINGS THAT EXTEND BEYOND NEW STOP BARS.  
INSTALL NEW CROSSWALKS AS SHOWN.  
**MAST ARM NOTES**  
MAST ARM ASSEMBLY TO HAVE MINIMUM CLEARANCE OF 24" FROM OVERHEAD COMMUNICATION CABLES.  
CONTRACTOR TO VERIFY ALL MAST ARM INFORMATION INCLUDING CROSS SECTIONS AND DIMENSIONS, BASED ON FIELD SURVEY, PRIOR TO SUBMISSION OF WORKING DRAWINGS.

**PRE-EMPTION NOTES**

PRE-EMPTION DETECTOR LOCATIONS ARE FOR ILLUSTRATION ONLY. EXACT LOCATION SHALL BE DETERMINED BY THE MANUFACTURER OR THEIR DESIGNATED REPRESENTATIVE. DETECTOR CABLES ARE TO BE INSTALLED CONTINUOUS BETWEEN EACH DETECTOR AND THE AUXILIARY EQUIPMENT CABINET.



**2025 TRAFFIC COUNTS**  
A.M. PEAK HOUR [P.M. PEAK HOUR] [SATURDAY PEAK HOUR]

FROM	TO	AM	PM	SAT
MEMORIAL BOULEVARD	RIVERSIDE AVE	0 (0) [0]	0 (0) [1]	0 (0) [0]
RIVERSIDE AVE	MEMORIAL BOULEVARD	269 (262) [194]	0 (0) [13]	2 (5) [1]
DOWNSTREET	RIVERSIDE AVE	13 (15) [3]	2 (6) [1]	1 (3) [2]
RIVERSIDE AVE	DOWNSTREET	296 (410) [87]	267 (523) [285]	147 (200) [294]
DOWNSTREET	BLAKESLEE STREET	0 (0) [0]	0 (0) [1]	0 (0) [0]
BLAKESLEE STREET	DOWNSTREET	0 (0) [0]	0 (0) [1]	0 (0) [0]

**NOTES**  
STATE TO MAINTAIN SIGNS, PAVEMENT MARKINGS, AND ALL STOP BARS.  
CITY TO MAINTAIN SIGNS AND ALL OTHER PAVEMENT MARKINGS, ON MEMORIAL BOULEVARD, BLAKESLEE STREET AND DOWNS STREET.  
ALL CROSSWALKS ARE BAR TYPE.  
PRE-EMPTION EQUIPMENT TO BE OWNED AND MAINTAINED BY THE CITY OF BRISTOL.  
(W) 30" X 30" HANDHOLE. OTHERS TO BE TYPE II.

**60% SEMI-FINAL DESIGN**  
**(PROGRESS PLAN - OPTION 1)**

ENGINEER	TRAFFIC	DATE	ELECTRICAL	DATE	REV #	INTERSECTION # 017-256
DRAWN BY						
CHECKED BY						
SUBMITTED BY						
APPROVED BY						
APPROVED DATE						



REV.	DATE	REVISION DESCRIPTION

**CONNECTICUT DEPARTMENT OF TRANSPORTATION**

**ROUTE 72 (RIVERSIDE AVENUE) AT BLAKESLEE STREET, MEMORIAL BOULEVARD AND DOWNS STREET**  
TOWN(S): BRISTOL

**TRAFFIC CONTROL SIGNAL PLAN**

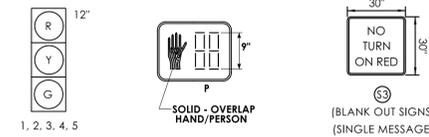
DRAWING TITLE: **TRAFFIC CONTROL SIGNAL PLAN**  
PROJECT NO.: 0171-0504  
DRAWING NO.: TCS-01A  
SHEET NO.:

TECHNICAL NOTES	OFFICE RECORD
STANDARD OVERLAP SKIP FEATURES APPLY.	REV # TIR # SM # SIGNAL REVISED:
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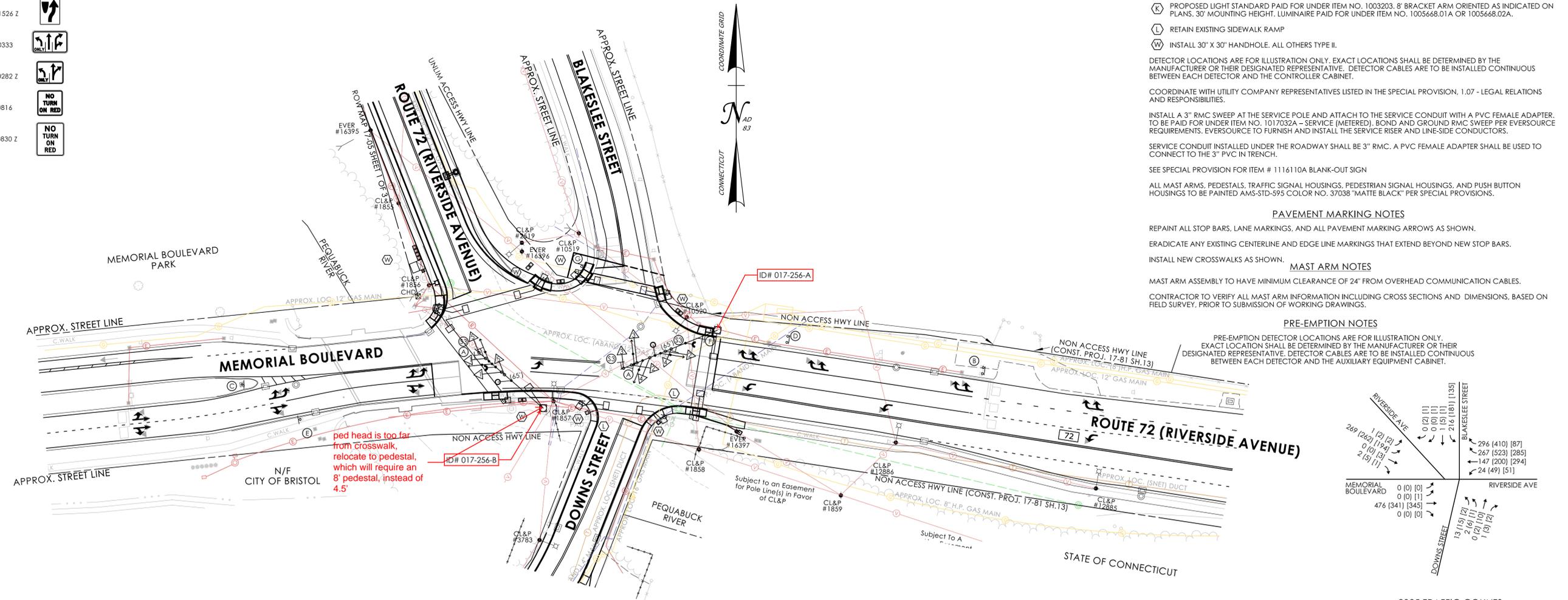
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red head is too far from crosswalk, relocate to pedestal, which will require an 8' pedestal, instead of 4.5'

**2025 TRAFFIC COUNTS**  
A.M. PEAK HOUR [P.M. PEAK HOUR] [SATURDAY PEAK HOUR]

Street	From	To	A.M.	P.M.	SAT
Blakeslee Street	From Memorial Blvd	To Riverside Ave	296 (410)	187	
	From Riverside Ave	To Memorial Blvd	267 (523)	285	
Riverside Ave	From Blakeslee St	To Memorial Blvd	147 (200)	294	
	From Memorial Blvd	To Blakeslee St	24 (49)	51	
Downs Street	From Memorial Blvd	To Riverside Ave	13 (19)	12	
	From Riverside Ave	To Memorial Blvd	2 (6)	10	
Memorial Blvd	From Blakeslee St	To Downs St	476 (341)	345	
	From Downs St	To Blakeslee St	0 (0)	0	

**NOTES**

- STATE TO MAINTAIN SIGNS, PAVEMENT MARKINGS, AND ALL STOP BARS.
- CITY TO MAINTAIN SIGNS AND ALL OTHER PAVEMENT MARKINGS, ON MEMORIAL BOULEVARD, BLAKESLEE STREET AND DOWNS STREET.
- ALL CROSSWALKS ARE BAR TYPE.
- PRE-EMPTION EQUIPMENT TO BE OWNED AND MAINTAINED BY THE CITY OF BRISTOL.
- (W) 30" X 30" HANDHOLE. OTHERS TO BE TYPE II.

**60% SEMI-FINAL DESIGN**  
**(PROGRESS PLAN - OPTION 2)**

ENGINEER	TRAFFIC	DATE	ELECTRICAL	DATE	REV #	INTERSECTION # 017-256
DRAWN BY						
CHECKED BY						
SUBMITTED BY						
APPROVED BY						
APPROVED DATE						



REV.	DATE	REVISION DESCRIPTION

LEGEND: FL. FLASHING -- DET. LEADS IN SAW CUT ○ PROPOSED WOOD SPAN POLE □ PEDESTAL MOUNTING  
R RED ←- RED ARROW --- PROPOSED RMC ● EXISTING WOOD SPAN POLE □ PEDESTRIAN PUSH BUTTON & SIGN  
Y YELLOW ←- YELLOW ARROW ● EXISTING RMC ○ PROPOSED STEEL SPAN POLE □ DIRECTIONAL ARW. FOR PUSH BUTTON  
G GREEN ←- GREEN ARROW ● CABLE CLOSURE ● EXISTING STEEL SPAN POLE □ TRAFFIC SIGNAL FACE  
WØ WALK/ PED. CLR LRC LONG RANGE CABLE ● PROPOSED UTILITY POLE □ PEDESTRIAN SIGNAL FACE  
D.W. DONT WALK RC RADAR CABLE ● EXISTING UTILITY POLE □ GUY WIRE  
● IP DETECTOR SD SYSTEM DETECTOR  
● RADAR DETECTOR □ VIDEO DETECTION ZONE  
● THERMAL DETECTOR □ LOOP DETECTOR  
● AUDIO DETECTOR □ RADIO ANTENNA  
● 360° CAMERA ASSEMBLY □ MAST ARM MOUNTED SIGN  
● OPTICAL DETECTOR □ LED LUMINAIRE



CONNECTICUT DEPARTMENT OF TRANSPORTATION

ROUTE 72 (RIVERSIDE AVENUE) AT BLAKESLEE STREET, MEMORIAL BOULEVARD AND DOWNS STREET  
TOWN(S): BRISTOL

DRAWING TITLE:	PROJECT NO.:	DRAWING NO.:
TRAFFIC CONTROL SIGNAL PLAN	0171-0504	TCS-01B
		SHEET NO.:

