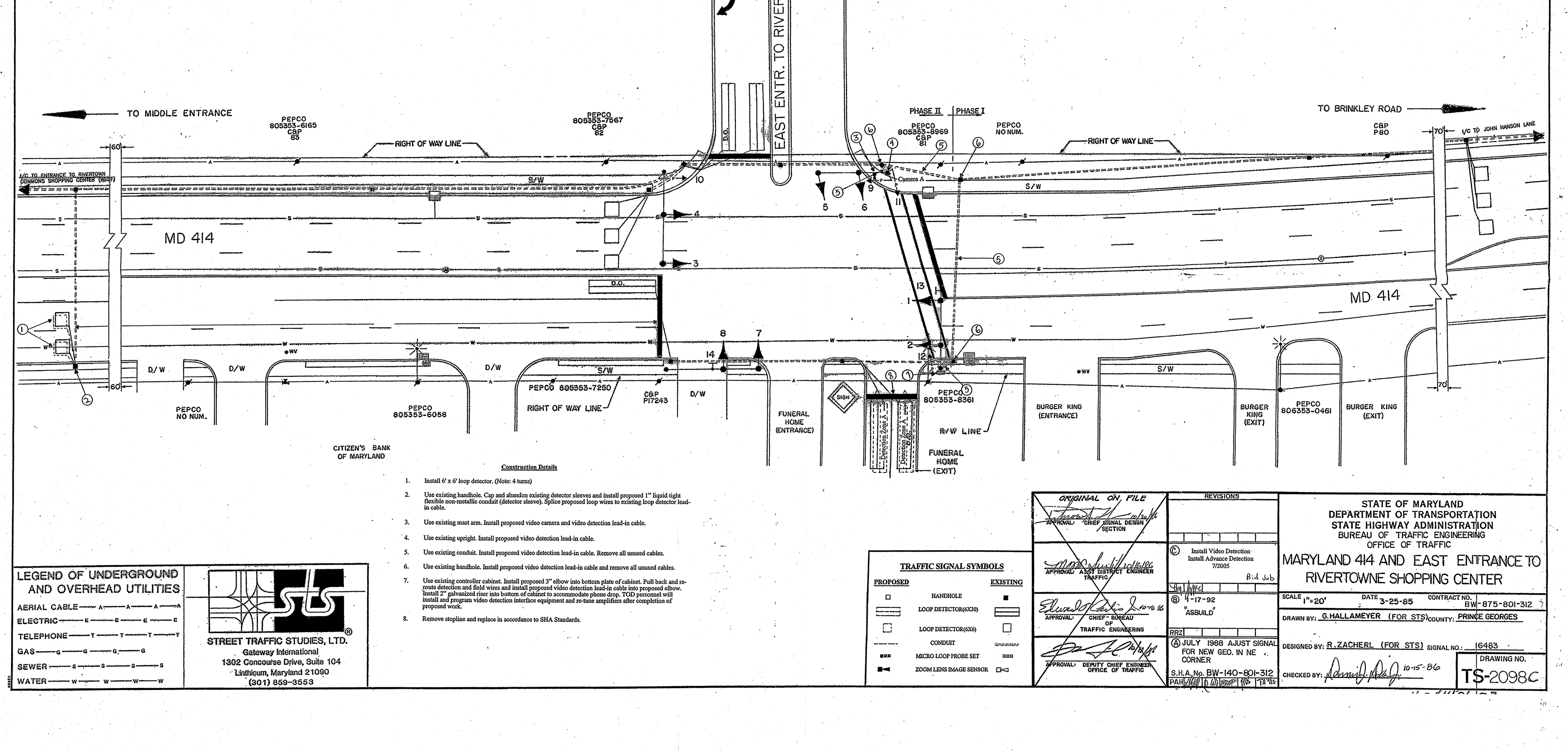
F.H.W.A. REGION NO. 3 STATE MD. FED. AID PROJ. NO. SHEET NO. 2 TOTAL SHEETS 7
Equipment List 'B'
Equipment to be furnished and installed by the Contractor.
QUANTITY DESCRIPTION
1 EA MAINTENANCE OF TRAFFIC PER ASSIGNMENT
25 LF 24 INCH WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS
25 LF REMOVAL OF EXISTING PERMANENT PAVEMENT LINE MARKINGS ANY WIDTH
1 EA REMOVE & DISPOSE OF EQUIPMENT (PER ASSIGNMENT)
1 EA REMOVE & REINSTALL POLE MOUNTED CABINET WITH 3 INCH LB
10 LF 1 INCH LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE
250 LF LOOP WIRE ENCASED IN FLEXIBLE TUBING (NO. 14 AWG)
80 LF SAW CUT FOR SIGNAL (LOOP DETECTOR)
1 EA F & I AUTOSCOPE SOLO PRO CAMERA
1 EA F & I 250' SOLO PRO CAMERA CABLE
25 LF F & I 2" GALVANIZED RISER
1 ALL PULL BACK AND RE-ROUTE WIRES
Equipment List 'A'
Equipment to be supplied and installed.
By the SHA
Communication Panel
TS-2 Mini-Hub
TS-2 Mini-Hub Cables
Industrial 56k Modem
SDLC Cables
Equipment List 'C'
DESCRIPTION
NO REMOVAL AND SALVAGE ITEMS
SIGNS
14
ONLY
R3-5R
30"x 36"
13
LEFT TURN YIELD ON GREEN
R10-12
36"x 42"
SIGNALS
2-8
1
9-12
12"
12"
12"
FLASHING OPERATION
NEMA PHASING
Ø1
Ø2
Ø4
Ø6
Ø8
Ø8 ALT
PHASING NOTES:
1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
EAST ENTR. TO RIVERTOWNE SHOPPING CTR.
ONLY
TO MIDDLE ENTRANCE
TO BRINKLEY ROAD
PEPCO 805353-6165 C&P 83
PEPCO 805353-7567 C&P 82
PHASE II
PHASE I
PEPCO 805353-8969 C&P 81
PEPCO NO NUM.
C&P P80
I/C TO JOHN HANSON LANE
I/C TO ENTRANCE TO RIVERTOWN COMMONS SHOPPING CENTER (WEST)
RIGHT OF WAY LINE
S/W
Camera A
MD 414
D.O.
D/W
PEPCO NO NUM.
PEPCO 805353-6058
PEPCO 805353-7250
RIGHT OF WAY LINE
C&P P17243
FUNERAL HOME (ENTRANCE)
SIGN
Detection Zone A
PEPCO 805353-8361
R/W LINE
FUNERAL HOME (EXIT)
BURGER KING (ENTRANCE)
BURGER KING (EXIT)
PEPCO 806353-0461
BURGER KING (EXIT)
CITIZEN'S BANK OF MARYLAND
Construction Details
1. Install 6' x 6' loop detector. (Note: 4 turns)
2. Use existing handhole. Cap and abandon existing detector sleeves and install proposed 1" liquid tight flexible non-metallic conduit (detector sleeve). Splice proposed loop wires to existing loop detector lead-in cable.
3. Use existing mast arm. Install proposed video camera and video detection lead-in cable.
4. Use existing upright. Install proposed video detection lead-in cable.
5. Use existing conduit. Install proposed video detection lead-in cable. Remove all unused cables.
6. Use existing handhole. Install proposed video detection lead-in cable and remove all unused cables.
7. Use existing controller cabinet. Install proposed 3" elbow into bottom plate of cabinet. Pull back and re-route detection and field wires and install proposed video detection lead-in cable into proposed elbow. Install 2" galvanized riser into bottom of cabinet to accommodate phone drop. TOD personnel will install and program video detection interface equipment and re-tune amplifiers after completion of proposed work.
8. Remove stopline and replace in accordance to SHA Standards.
LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES
AERIAL CABLE — A — A — A — A
ELECTRIC — E — E — E — E
TELEPHONE — T — T — T — T
GAS — G — G — G — G
SEWER — S — S — S — S
WATER — W — W — W — W
STREET TRAFFIC STUDIES, LTD.
Gateway International
1302 Concourse Drive, Suite 104
Linthicum, Maryland 21090
(301) 859-3553
TRAFFIC SIGNAL SYMBOLS
PROPOSED
EXISTING
HANDHOLE
LOOP DETECTOR(6X30)
LOOP DETECTOR(6X6)
CONDUIT
MICRO LOOP PROBE SET
ZOOM LENS IMAGE SENSOR
ORIGINAL ON FILE
APPROVAL: CHIEF SIGNAL DESIGN SECTION
APPROVAL: ASST DISTRICT ENGINEER TRAFFIC
APPROVAL: CHIEF - BUREAU OF TRAFFIC ENGINEERING
APPROVAL: DEPUTY CHIEF ENGINEER OFFICE OF TRAFFIC
REVISIONS
© Install Video Detection
Install Advance Detection
7/2005
Bid Job
Ⓑ 4-17-92
"ASBUILD"
RRZ
Ⓐ JULY 1988 AJUST SIGNAL FOR NEW GEO. IN NE CORNER
S.H.A. No. BW-140-801-312
PAH
STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
BUREAU OF TRAFFIC ENGINEERING
OFFICE OF TRAFFIC
MARYLAND 414 AND EAST ENTRANCE TO RIVERTOWNE SHOPPING CENTER
SCALE 1"=20'
DATE 3-25-85
CONTRACT NO. BW-875-801-312
DRAWN BY: G.HALLAMEYER (FOR STS)
COUNTY: PRINCE GEORGES
DESIGNED BY: R.ZACHERL (FOR STS)
SIGNAL NO.: 16483
CHECKED BY:
10-15-86
DRAWING NO.
TS-2098C