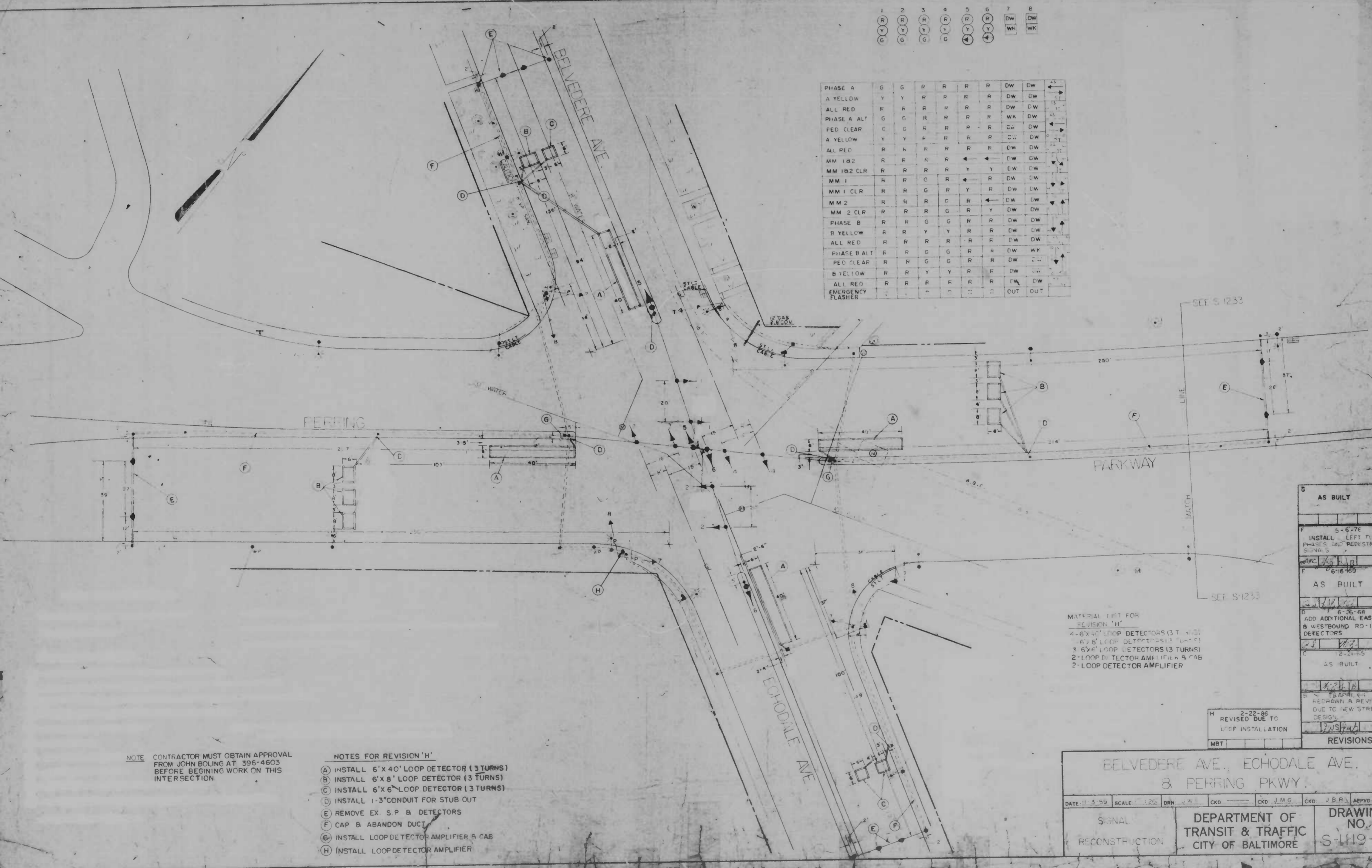


1	2	3	4	5	6	7	8
R	R	R	R	R	R	DW	DW
Y	Y	Y	Y	Y	Y	WK	WK
G	G	G	G	G	G		

PHASE A	G	G	R	R	R	R	DW	DW	
A YELLOW	Y	Y	R	R	R	R	DW	DW	
ALL RED	R	R	R	R	R	R	DW	DW	
PHASE A ALT	G	G	R	R	R	R	WK	DW	
FED CLEAR	C	G	R	R	R	R	DW	DW	
A YELLOW	Y	Y	R	R	R	R	DW	DW	
ALL RED	R	R	R	R	R	R	DW	DW	
MM 1B2	R	R	R	R			DW	DW	
MM 1B2 CLR	R	R	R	R	Y	Y	DW	DW	
MM 1	R	R	R	R			DW	DW	
MM 1 CLR	R	R	R	R	Y	Y	DW	DW	
MM 2	R	R	R	R			DW	DW	
MM 2 CLR	R	R	R	R	Y	Y	DW	DW	
PHASE B	R	R	R	R	R	R	DW	DW	
B YELLOW	R	R	R	R	R	R	DW	DW	
ALL RED	R	R	R	R	R	R	DW	DW	
PHASE B ALT	R	R	R	R	R	R	DW	WK	
PED CLEAR	R	R	R	R	R	R	DW	DW	
B YELLOW	R	R	R	R	R	R	DW	DW	
ALL RED	R	R	R	R	R	R	DW	DW	
EMERGENCY FLASHER							OUT	OUT	



NOTE CONTRACTOR MUST OBTAIN APPROVAL FROM JOHN BOLING AT 396-4603 BEFORE BEGINNING WORK ON THIS INTERSECTION

- NOTES FOR REVISION 'H'
- (A) INSTALL 6'X 40' LOOP DETECTOR (3 TURNS)
 - (B) INSTALL 6'X 8' LOOP DETECTOR (3 TURNS)
 - (C) INSTALL 6'X 6' LOOP DETECTOR (3 TURNS)
 - (D) INSTALL 1-3" CONDUIT FOR STUB OUT
 - (E) REMOVE EX. S.P. B DETECTORS
 - (F) CAP & ABANDON DUCT
 - (G) INSTALL LOOP DETECTOR AMPLIFIER & CAB
 - (H) INSTALL LOOP DETECTOR AMPLIFIER

MATERIAL LIST FOR BELVEDERE 'H'

- 4-6X 40' LOOP DETECTORS (3 TURNS)
- 3-6X 8' LOOP DETECTORS (3 TURNS)
- 3-6X 6' LOOP DETECTORS (3 TURNS)
- 2-LOOP DETECTOR AMPLIFIER & CAB
- 2-LOOP DETECTOR AMPLIFIER

C	AS BUILT
D	AS BUILT
E	AS BUILT
F	AS BUILT
G	AS BUILT
H	REVISION DUE TO LOOP INSTALLATION

BELVEDERE AVE., ECHODALE AVE. & PERRING PKWY.

DATE: 11-3-59 SCALE: 1"=20' DRN: J.R. CKD: J.M.G. CKD: J.B.R.3. APP'D: C.M.V.

SIGNAL RECONSTRUCTION DEPARTMENT OF TRANSIT & TRAFFIC CITY OF BALTIMORE DRAWING NO. S-1119-H



GREENSPRING

ENSLAW AVE.

AVE.

NORTHERN

PARKWAY

- NOTES FOR REVISION 'D'
- (A) INSTALL 6' X 8' LOOP DETECTOR (3 TURNS)
 - (B) INSTALL 1-3" CONDUIT FOR STUB OUT
 - (C) REMOVE EX. S.P. & DETECTOR
 - (D) CAP & ABANDON DUCT
 - (E) INSTALL LOOP DETECTOR AMPLIFIER & CAB.

MATERIAL LIST
FOR REVISION 'D'

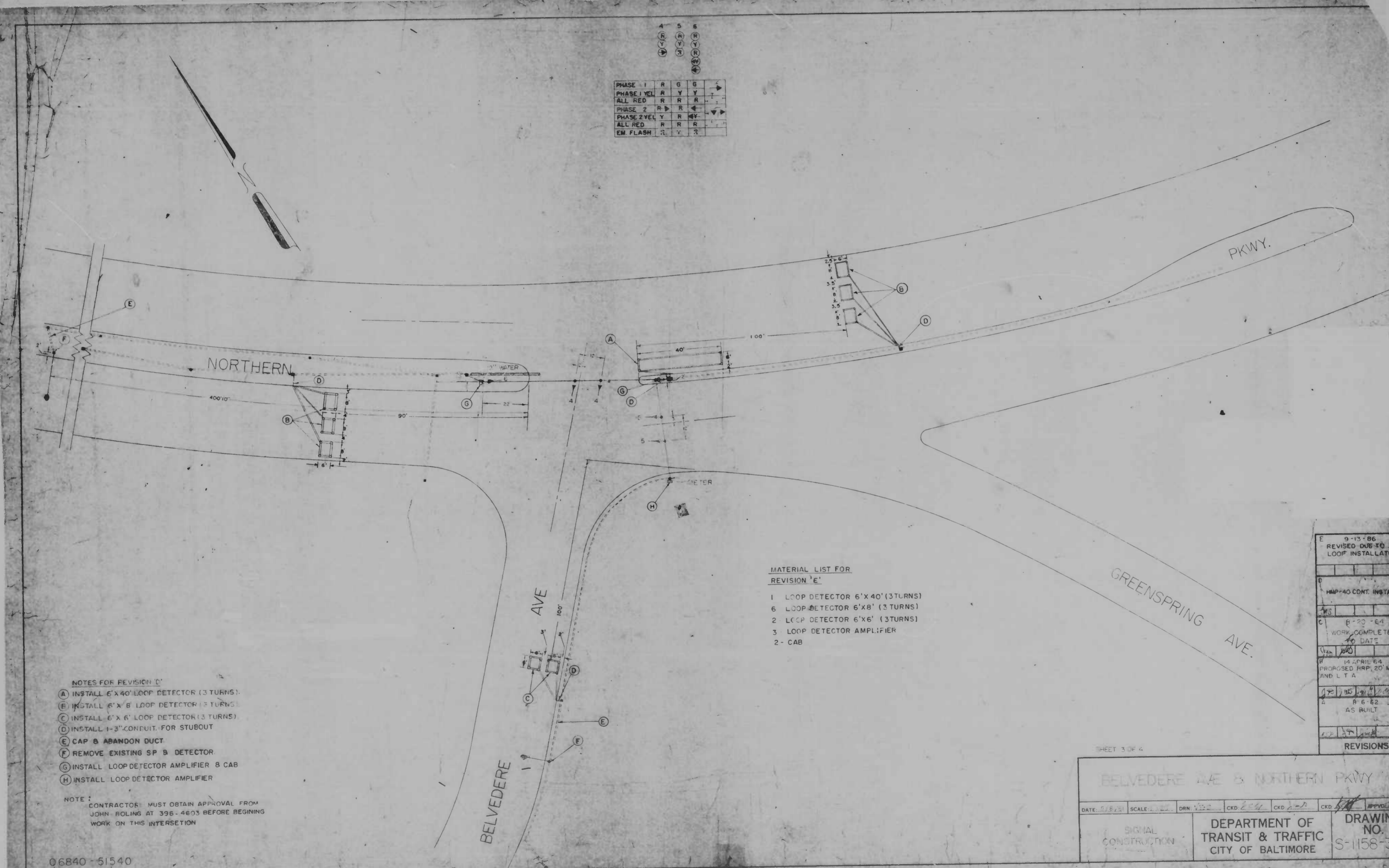
- 2-6'X8' LOOP DETECTORS (3 TURNS)
- 1- LOOP DETECTOR AMPLIFIER & CAB.

E	
D	3-8-86 REVISED DUE TO LOOP INSTALLATION
SCB	
C	8-20-64 WORK COMPLETED TO DATE
B	14 APR 64 PROPOSED REVISIONS A, C, D, E REMOVAL OF HRP, MA, A, RD, IA BY <i>[Signature]</i>
A	6 AUG 62 AG-BUILT
REVISIONS	

GREENSPRING AVE & NORTHERN PKWY

DATE 5/2/61	SCALE 1"=20'	DRN VLS	CKD 2/2/61	CKD 2/2/61	CKD 2/2/61	APPVD 2/2/61
SIGNAL CONSTRUCTION		DEPARTMENT OF TRANSIT & TRAFFIC		DRAWING NO.		
		CITY OF BALTIMORE		S-1158-2D		

	4	5	6
PHASE 1	R	G	G
PHASE 1 YEL	R	Y	Y
ALL RED	R	R	R
PHASE 2	R	R	R
PHASE 2 YEL	Y	R	Y
ALL RED	R	R	R
EM. FLASH	R	Y	R



- NOTES FOR REVISION 'D'
- (A) INSTALL 6' X 40' LOOP DETECTOR (3 TURNS)
 - (B) INSTALL 6' X 6' LOOP DETECTOR (3 TURNS)
 - (C) INSTALL 6' X 6' LOOP DETECTOR (3 TURNS)
 - (D) INSTALL 1-3" CONDUIT FOR STUBOUT
 - (E) CAP & ABANDON DUCT
 - (F) REMOVE EXISTING SP B DETECTOR
 - (G) INSTALL LOOP DETECTOR AMPLIFIER & CAB
 - (H) INSTALL LOOP DETECTOR AMPLIFIER

NOTE: CONTRACTOR MUST OBTAIN APPROVAL FROM JOHN ROLING AT 398-4603 BEFORE BEGINNING WORK ON THIS INTERSECTION

- MATERIAL LIST FOR REVISION 'E'
- 1 LOOP DETECTOR 6' X 40' (3 TURNS)
 - 6 LOOP DETECTOR 6' X 6' (3 TURNS)
 - 2 LOOP DETECTOR 6' X 6' (3 TURNS)
 - 3 LOOP DETECTOR AMPLIFIER
 - 2- CAB

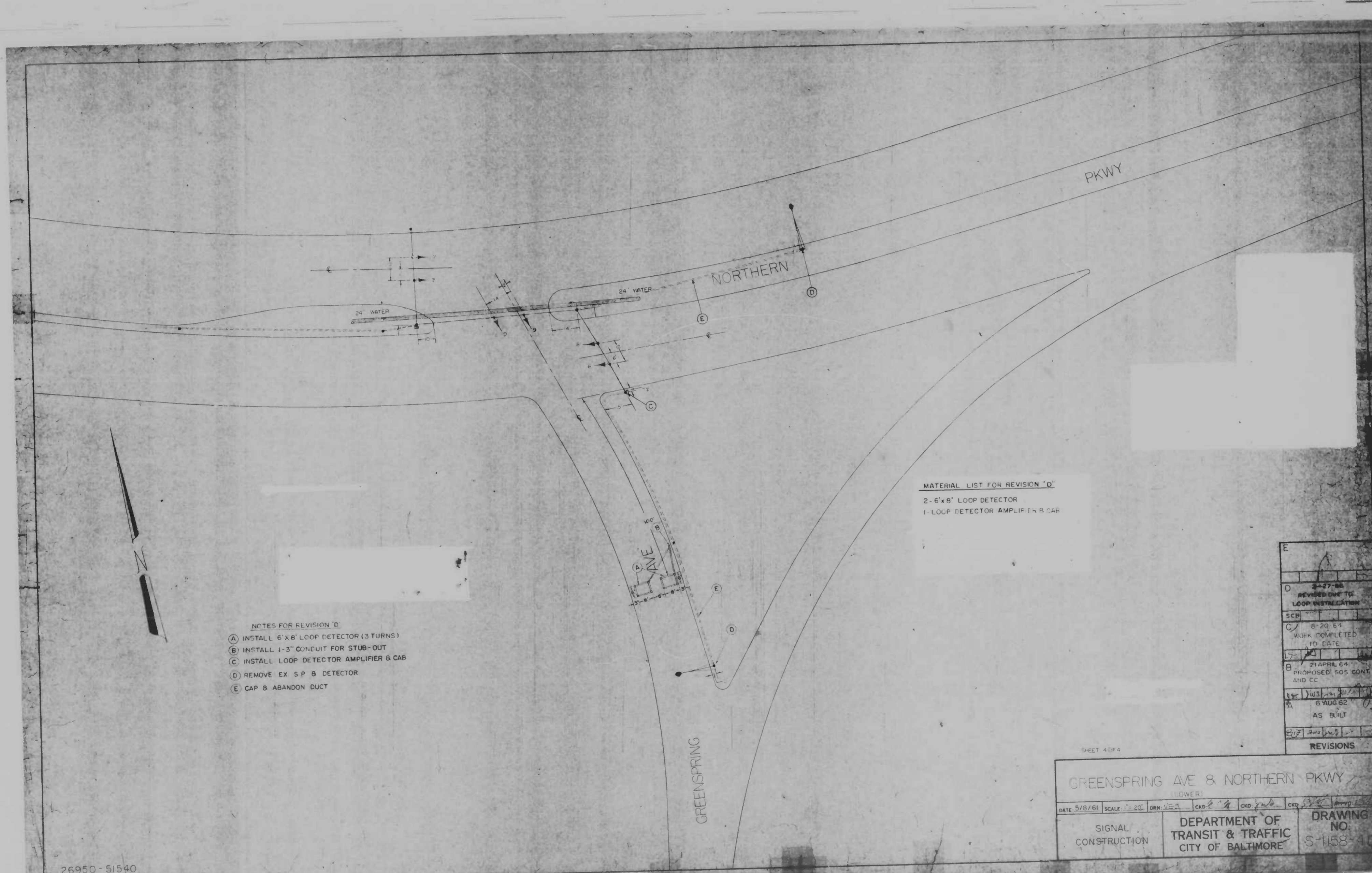
E	9-15-86	REVISED DUE TO LOOP INSTALLATION
D		HRP-40 CDNT. INSTALLED
C	8-20-84	WORK COMPLETED
B		DATE
A	14 APRIL 84	PROPOSED HRP, 20' MA ROAD AND L.T.A.
	AS BUILT	
REVISIONS		

SHEET 3 OF 4

BELVEDERE AVE & NORTHERN PKWY

DATE: 5/8/81	SCALE: 1"=20'	DRN: 100	CKD: 100	CKD: 100	CKD: 100
SIGNAL CONSTRUCTION		DEPARTMENT OF TRANSIT & TRAFFIC		DRAWING NO. S-1158-3-E	
		CITY OF BALTIMORE			

06840-51540



- NOTES FOR REVISION 'D'
- (A) INSTALL 6' x 6' LOOP DETECTOR (3 TURNS)
 - (B) INSTALL 1-3" CONDUIT FOR STUB-OUT
 - (C) INSTALL LOOP DETECTOR AMPLIFIER & CAB
 - (D) REMOVE EX S P B DETECTOR
 - (E) CAP & ABANDON DUCT

MATERIAL LIST FOR REVISION "D"

- 2 - 6' x 6' LOOP DETECTOR
- 1 - LOOP DETECTOR AMPLIFIER & CAB

REVISIONS
E
D 2-27-66 REVISED DUE TO LOOP INSTALLATION
SCH
C 8-20-64 WORK COMPLETED TO DATE
B 21 APRIL 64 PROPOSED 505 CONT AND CC
A 6 AUG 62 AS BUILT

26950-51540

26950-51540

GREENSPRING AVE & NORTHERN PKWY
(LOWER)

DATE 5/8/61 SCALE 1"=20' DRN: VEA CRD: JH CRD: YAB CRD: JWB

SIGNAL CONSTRUCTION	DEPARTMENT OF TRANSIT & TRAFFIC CITY OF BALTIMORE	DRAWING NO. S-1158-4D
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PHASE	1 5 5	1 5 6	2 5 5	2 5 6	3 5 6	4 5 7	4 5 8
1 5 5 YELLOW	R	R	R	R	R	R	R
1 5 6 YELLOW	R	R	R	R	R	R	R
2 5 5 YELLOW	R	R	R	R	R	R	R
2 5 6 YELLOW	R	R	R	R	R	R	R
3 5 6 YELLOW	R	R	R	R	R	R	R
4 5 7 YELLOW	R	R	R	R	R	R	R
4 5 8 YELLOW	R	R	R	R	R	R	R
ALL RED	R	R	R	R	R	R	R
PHASE 2 5 5 ALT	R	R	R	R	R	R	R
PHASE 2 5 6 ALT	R	R	R	R	R	R	R
PHASE 3 5 7	R	R	R	R	R	R	R
PHASE 3 5 8	R	R	R	R	R	R	R
PHASE 4 5 7	R	R	R	R	R	R	R
PHASE 4 5 8	R	R	R	R	R	R	R
ALL RED	R	R	R	R	R	R	R
PHASE 4 5 7 ALT	R	R	R	R	R	R	R
PHASE 4 5 8 ALT	R	R	R	R	R	R	R
ALL RED	R	R	R	R	R	R	R
EMERGENCY	R	R	R	R	R	R	R

- NOTES FOR REVISION 'D'
- (A) INSTALL 6' X 40' LOOP DETECTOR (3 TURNS)
 - (B) INSTALL 6' X 40' LOOP DETECTOR (3 TURNS)
 - (C) INSTALL 6' X 6' LOOP DETECTOR (3 TURNS)
 - (D) INSTALL HB
 - (E) INSTALL 1-3" CONDUIT FOR STOP OUT
 - (F) REMOVE EXISTING 6' X 6' DETECTOR
 - (G) INSTALL LOOP DETECTOR AMPLIFIER
 - (H) INSTALL LOOP DETECTOR AMPLIFIER 3 CAB
 - (I) INSTALL 1-3" CONDUIT
- NOTE: CONTRACTOR MUST OBTAIN APPROVAL FROM JOHN BOLING AT 396-4603 BEFORE BEGINNING WORK ON INTERSECTION

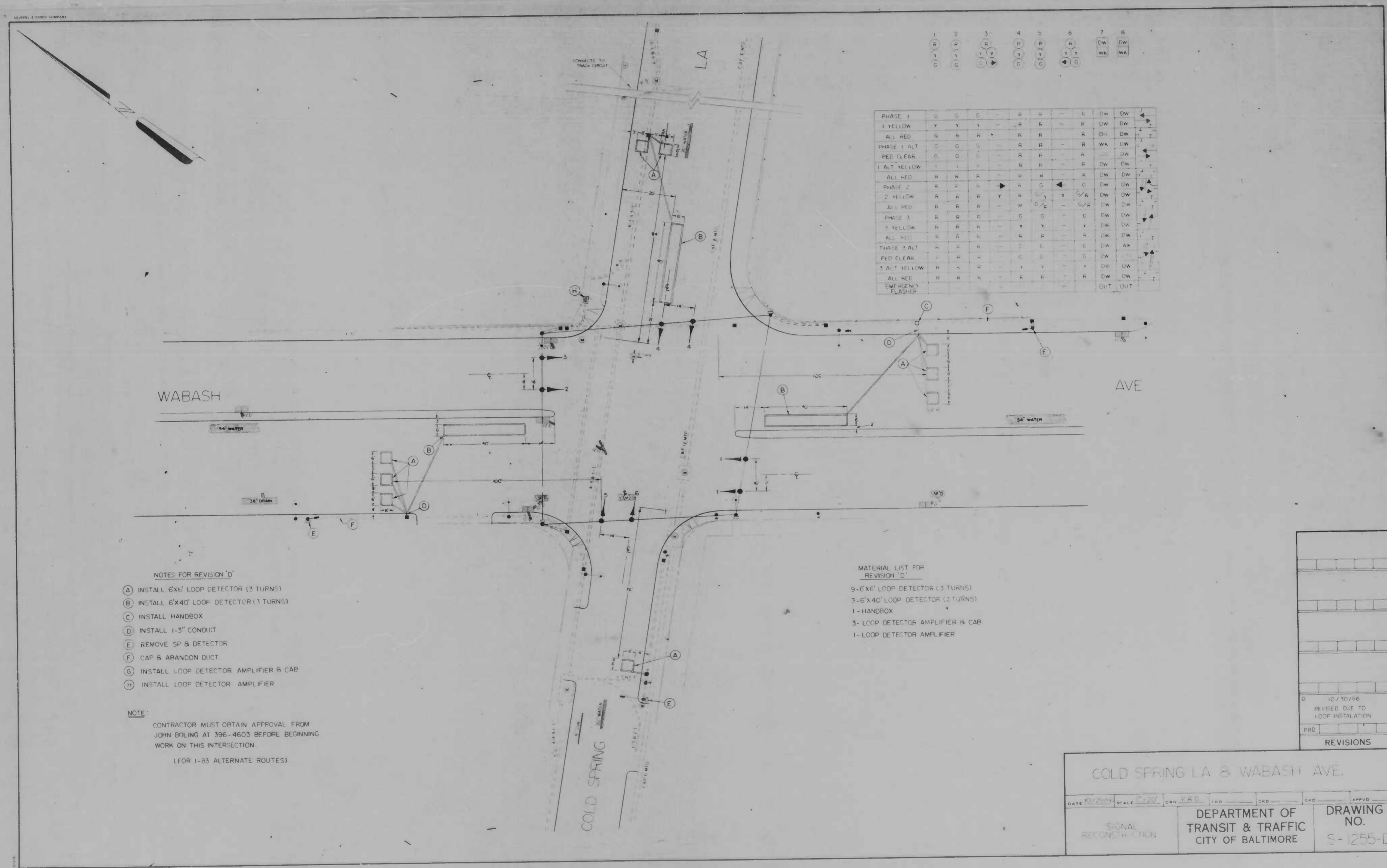
- MATERIAL LIST FOR REVISION 'D'
- 6-6' X 40' LOOP DETECTOR (3 TURNS)
 - 2-6' X 6' LOOP DETECTOR (3 TURNS)
 - 1-6' X 6' LOOP DETECTOR (3 TURNS)
 - 5- HB
 - 8- LOOP DETECTOR AMPLIFIER
 - 3- CAB

REVISED	DATE	BY	REASON
D	9-16-66	EVLP	DUE TO LOOP INSTALLATION
SCR			
C	7-17-70		
AS BUILT			
B	4-3-67		REVISED DUE TO NEW CURB PROPOSAL
A			AS-BUILT VEH SIGS 8/11/64 PDCAR 5/24/64 PED SIGS 9/22/64
RFP			
REVISIONS			

COLD SPRING L.A. & HILLEN RD.

DATE	SCALE	DWN	CKD	CKD	CKD	APPVD
SIGNAL RECONSTRUCTION		DEPARTMENT OF TRANSIT & TRAFFIC CITY OF BALTIMORE			DRAWING NO. 5-1239-D	

13250-31210



	1	2	3	4	5	6	7	8
PHASE 1	C	C	C	H	R	R	R	DW
1 YELLOW	Y	Y	Y	-	R	R	R	DW
ALL RED	R	R	R	R	R	R	R	DW
PHASE 1 ALT	C	C	C	-	R	R	R	DW
RED CLEAR	C	C	C	-	R	R	R	DW
1 ALT YELLOW	Y	Y	Y	-	R	R	R	DW
ALL RED	R	R	R	R	R	R	R	DW
PHASE 2	R	R	R	Y	G	G	C	DW
2 YELLOW	R	R	R	Y	N	N	C	DW
ALL RED	R	R	R	R	R	R	R	DW
PHASE 3	R	R	R	-	C	C	C	DW
3 YELLOW	R	R	R	-	Y	Y	Y	DW
ALL RED	R	R	R	R	R	R	R	DW
PHASE 3 ALT	R	R	R	-	C	C	C	DW
RED CLEAR	R	R	R	-	C	C	C	DW
3 ALT YELLOW	R	R	R	-	Y	Y	Y	DW
ALL RED	R	R	R	R	R	R	R	DW
EMERGENCY FLASHER								OUT

- NOTES FOR REVISION 'D'
- (A) INSTALL 6'X6' LOOP DETECTOR (3 TURNS)
 - (B) INSTALL 6'X40' LOOP DETECTOR (3 TURNS)
 - (C) INSTALL HANDBOX
 - (D) INSTALL 1-3" CONDUIT
 - (E) REMOVE SP B DETECTOR
 - (F) CAP & ABANDON DUCT
 - (G) INSTALL LOOP DETECTOR AMPLIFIER & CAB
 - (H) INSTALL LOOP DETECTOR AMPLIFIER

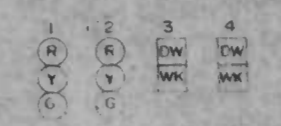
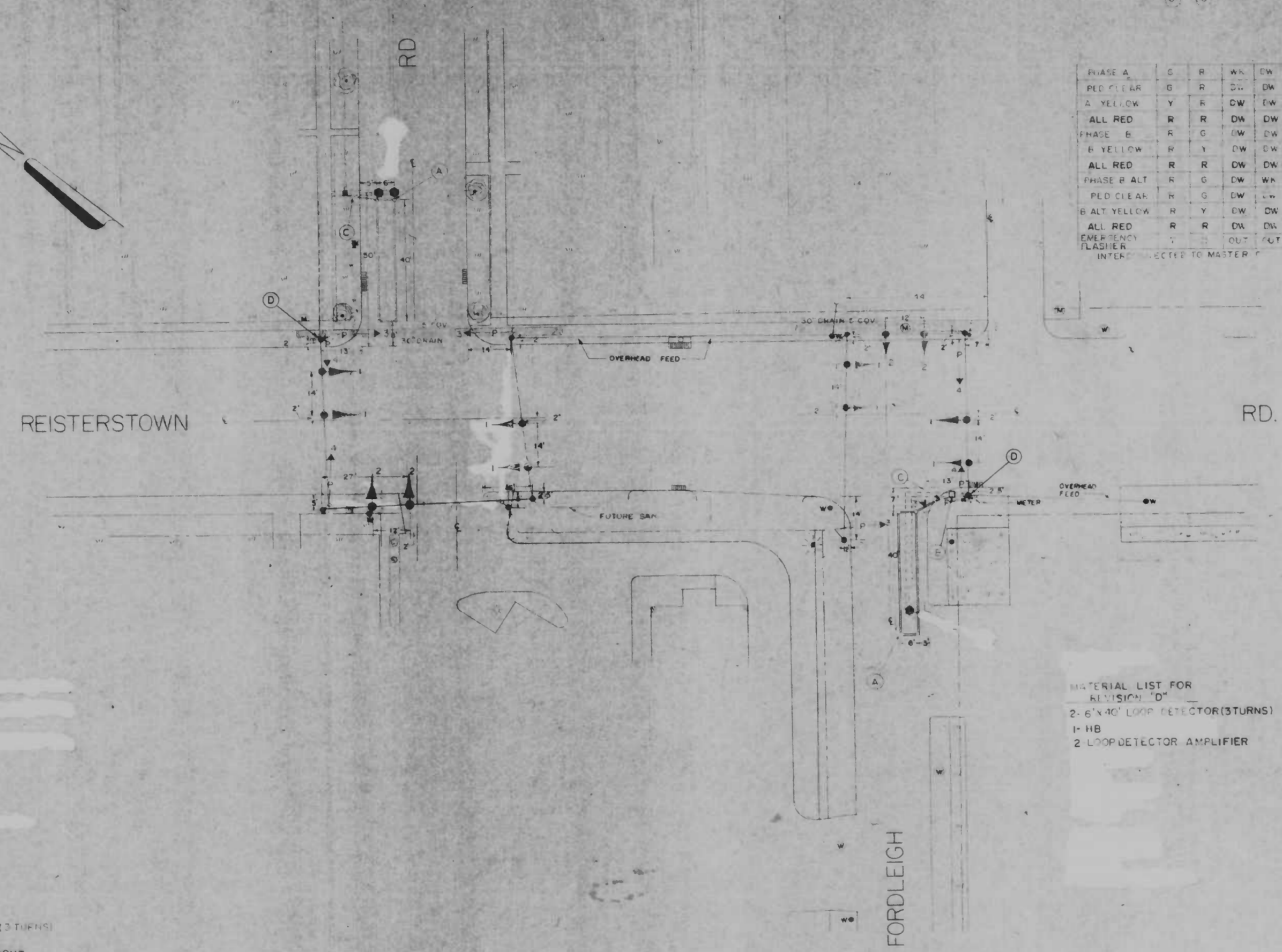
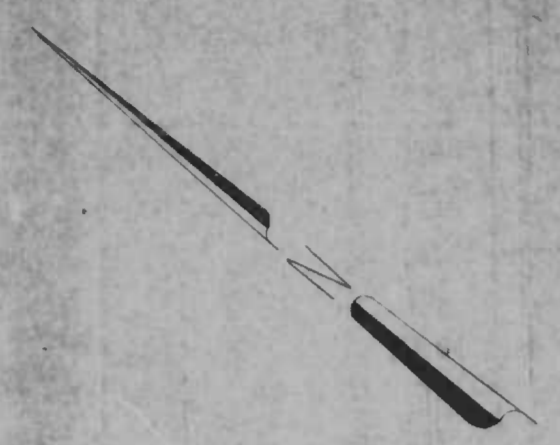
NOTE:
CONTRACTOR MUST OBTAIN APPROVAL FROM JOHN BOLING AT 396-4603 BEFORE BEGINNING WORK ON THIS INTERSECTION.
(FOR I-B3 ALTERNATE ROUTES)

- MATERIAL LIST FOR REVISION 'D'
- 9-6'X6' LOOP DETECTOR (3 TURNS)
 - 3-6'X40' LOOP DETECTOR (3 TURNS)
 - 1- HANDBOX
 - 3- LOOP DETECTOR AMPLIFIER & CAB
 - 1- LOOP DETECTOR AMPLIFIER

NO.	DATE	BY	REVISIONS
1	10/30/86	RE	REVISED DUE TO LOOP INSTALLATION

COLD SPRING LA & WABASH AVE.

DATE: 10/30/86	SCALE: 1"=24'	DRN: P.R.B.	CKD:	CKD:	APPVD:
SIGNAL RECONSTRUCTION			DEPARTMENT OF TRANSIT & TRAFFIC CITY OF BALTIMORE		DRAWING NO. S-1255-D



PHASE A	C	R	W	DW
RED CLEAR	G	R	DW	DW
A YELLOW	Y	R	DW	DW
ALL RED	R	R	DW	DW
PHASE B	R	G	DW	DW
B YELLOW	R	Y	DW	DW
ALL RED	R	R	DW	DW
PHASE B ALT	R	G	DW	WK
RED CLEAR	R	G	DW	WK
B ALT YELLOW	R	Y	DW	WK
ALL RED	R	R	DW	WK
EMERGENCY			OUT	OUT
FLASHER			OUT	OUT
INTERCONNECT TO MASTER				

MATERIAL LIST FOR REVISION "D"
 2- 6'x40' LOOP DETECTOR (STURNS)
 1- HB
 2 LOOP DETECTOR AMPLIFIER

- NOTES FOR REVISION D
- A) INSTALL 6'x40' LOOP DETECTOR (STURNS)
 - B) INSTALL HB
 - C) INSTALL 1-3" CONDUIT FOR STUBOUT
 - D) INSTALL LOOP DETECTOR AMPLIFIER

D.	3-1-86	REVISED DUE TO LOOP INSTALLATION	
C		AS BUILT	
B	1-25-84	REVISED DUE TO DRIVEWAY RECONSTRUCTION	
A	8-7-73	AS BUILT	
R.A.J.			
REVISIONS			

FORDLEIGH & REISTERSTOWN RDS.

DATE 5/10/73	SCALE 1"=20'	DRN <i>[Signature]</i>	CRD <i>[Signature]</i>	APP'D <i>[Signature]</i>
SIGNAL CONSTRUCTION		DEPARTMENT OF TRANSIT & TRAFFIC CITY OF BALTIMORE		DRAWING NO. S-1389-D

1	2	3	4
(R)	(R)	DW	DW
(Y)	(Y)	WK	WK
(G)	(G)		

PHASE 1	G	R	DW	OW	
1 YELLOW	Y	R	DW	DW	←
ALL RED	R	R	DW	DW	←
PHASE 1 ALT.	G	R	WK	DW	←
PED CLEAR	G	R	DW	DW	←
1 ALT YELLOW	Y	R	DW	DW	←
ALL RED	R	R	DW	DW	←
PHASE 2	R	G	DW	DW	↑
2 YELLOW	R	Y	DW	DW	↑
ALL RED	R	R	DW	DW	↑
PHASE 2 ALT.	R	G	DW	WK	↑
PED CLEAR	R	G	DW	DW	↑
2 ALT YELLOW	R	Y	DW	DW	↑
ALL RED	R	R	DW	DW	↑
EMERGENCY FLASHERS	Y	R	OUT	OUT	

MATERIAL LIST FOR REVISION 'D'

- 2-6' X 40' LOOP DETECTORS (3 TURNS)
- 9-6' X 6' LOOP DETECTORS (3 TURNS)
- 4-LOOP DETECTOR AMPLIFIERS
- 3-CAB

NOTES FOR REVISION 'D'

- (A) INSTALL LOOP DETECTOR AMPLIFIER & CAB.
- (B) INSTALL 6' X 6' LOOP DETECTORS (3 TURNS)
- (C) INSTALL 6' X 40' LOOP DETECTORS (3 TURNS)
- (D) INSTALL LOOP DETECTOR AMPLIFIER

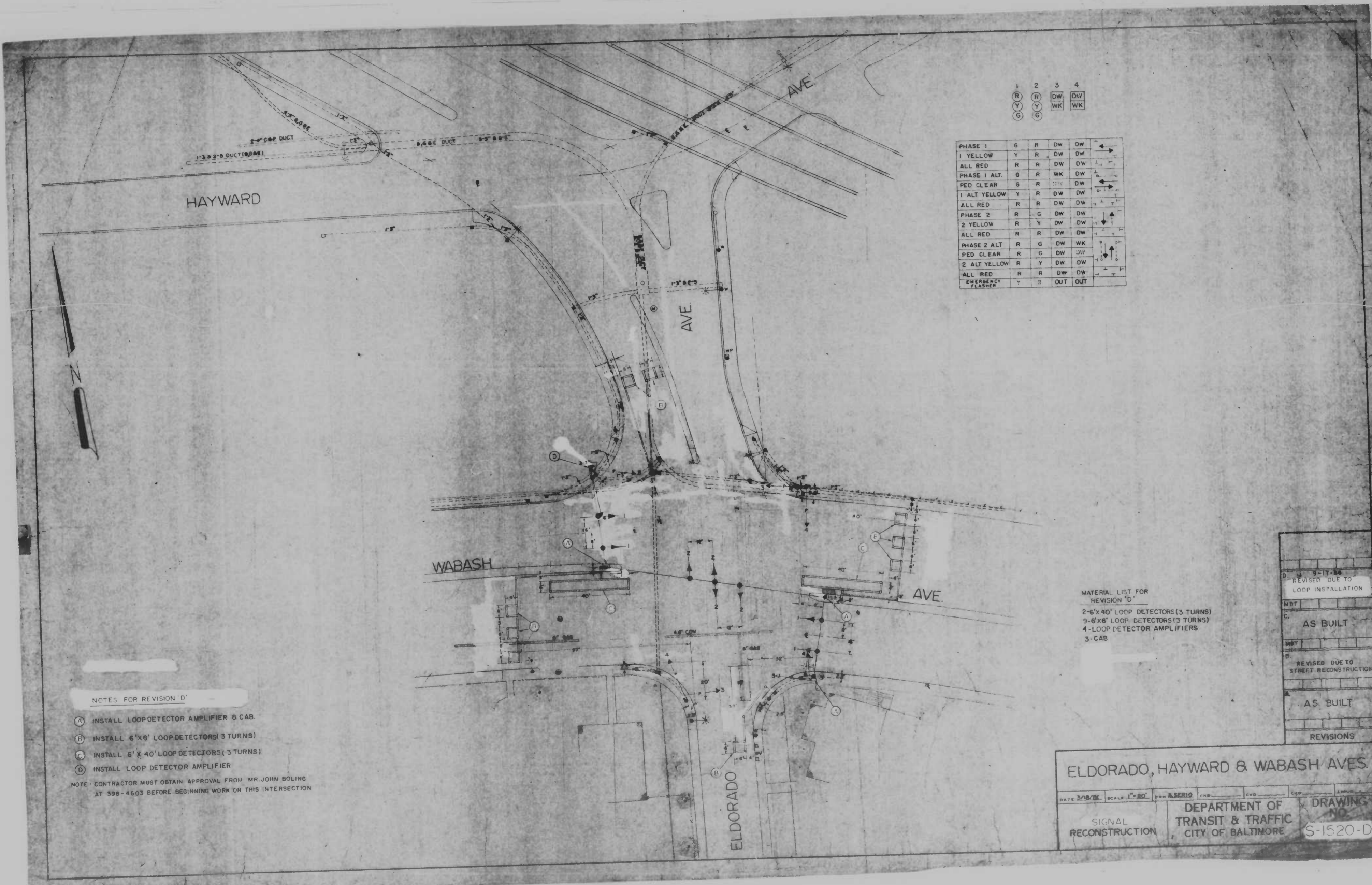
NOTE: CONTRACTOR MUST OBTAIN APPROVAL FROM MR. JOHN BOLING AT 396-4603 BEFORE BEGINNING WORK ON THIS INTERSECTION

9-11-88	REVISION D	REVISION DUE TO LOOP INSTALLATION
MBT		
C	AS BUILT	
MBT		
B	REVISION DUE TO STREET RECONSTRUCTION	
A	AS BUILT	
REVISIONS		

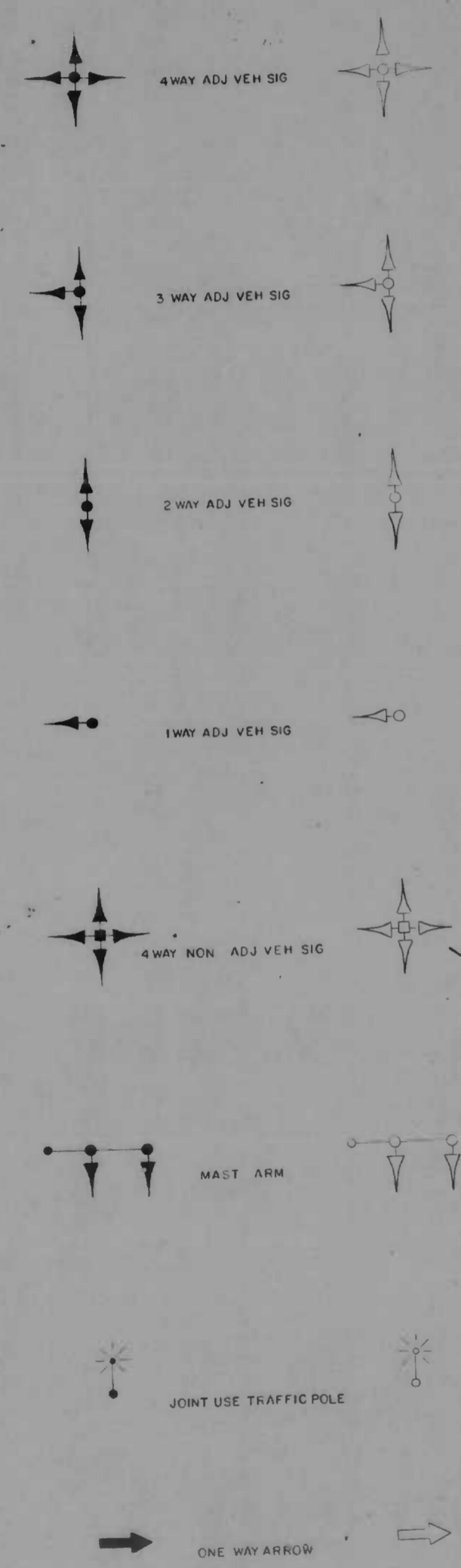
ELDORADO, HAYWARD & WABASH AVES

DATE 3/18/88 SCALE 1"=20' DWN R/SERIO CND CND CND

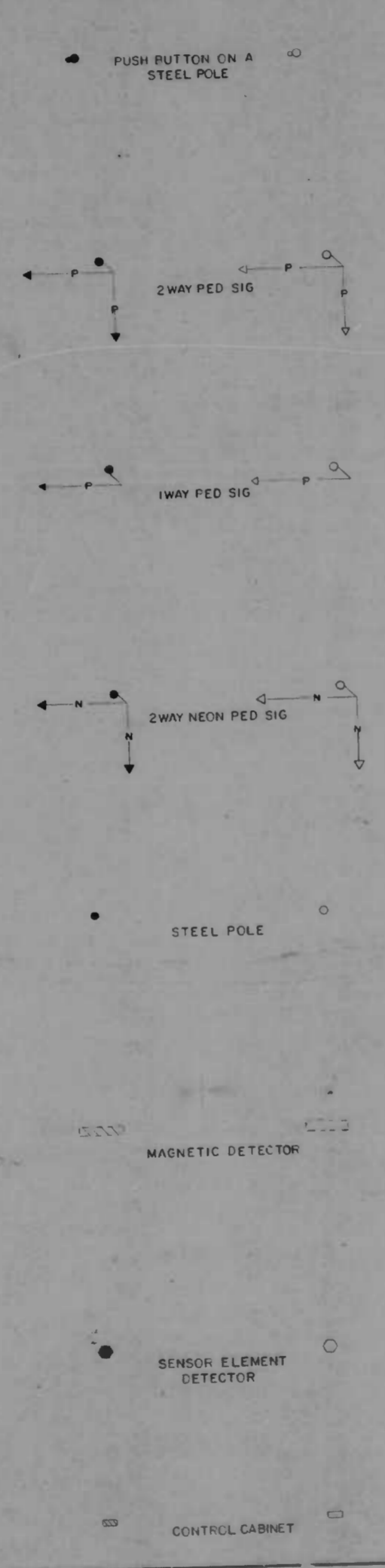
SIGNAL RECONSTRUCTION DEPARTMENT OF TRANSIT & TRAFFIC CITY OF BALTIMORE DRAWING NO. S-1520-D



EXISTING PROPOSED



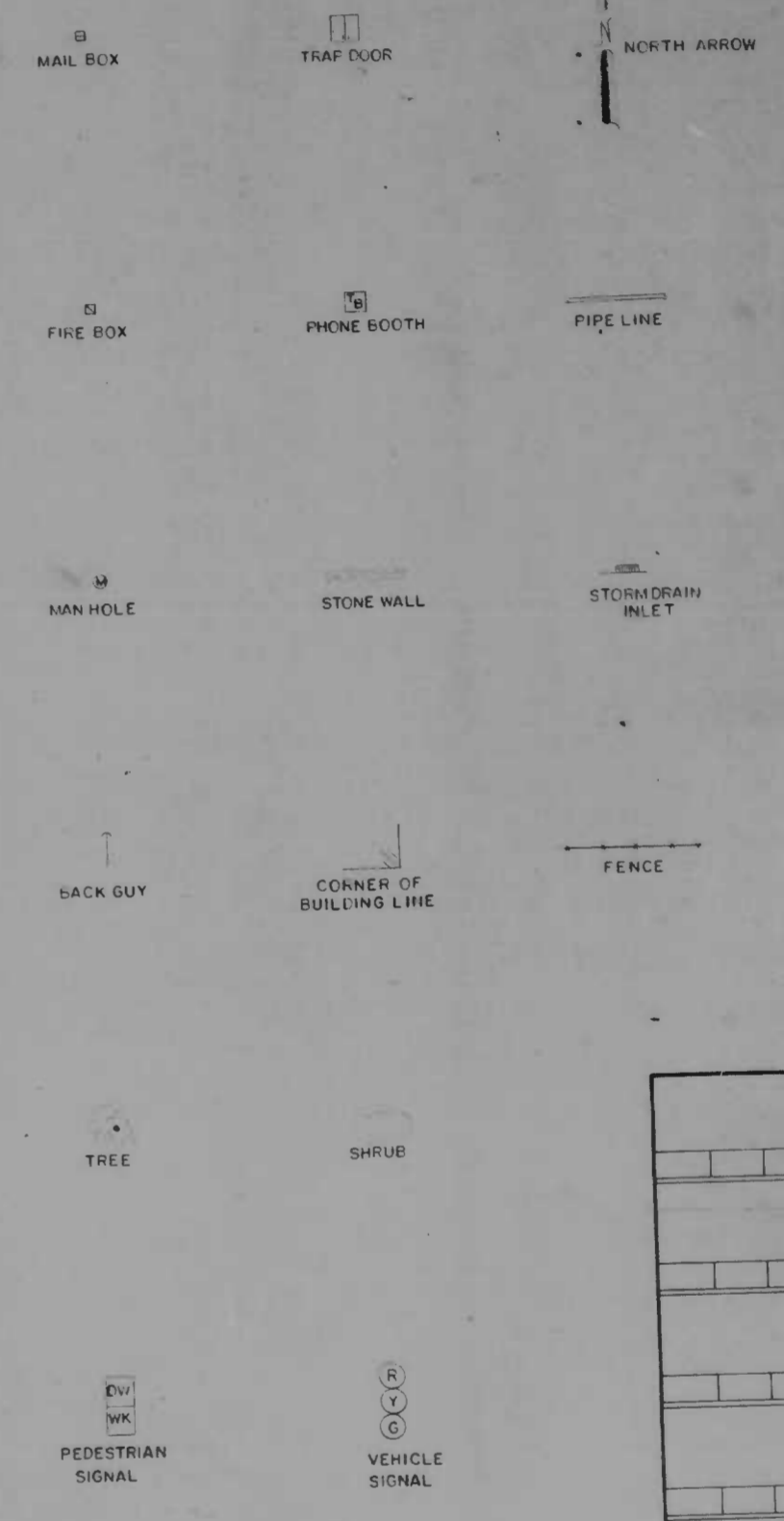
EXISTING PROPOSED



EXISTING PROPOSED



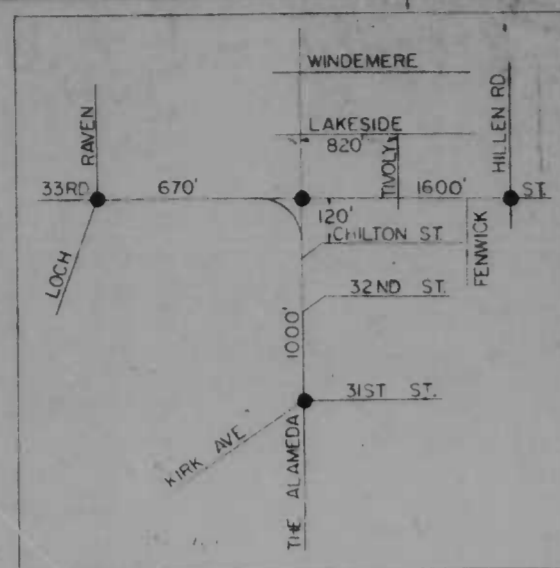
DESIGN STANDARD SYMBOLS



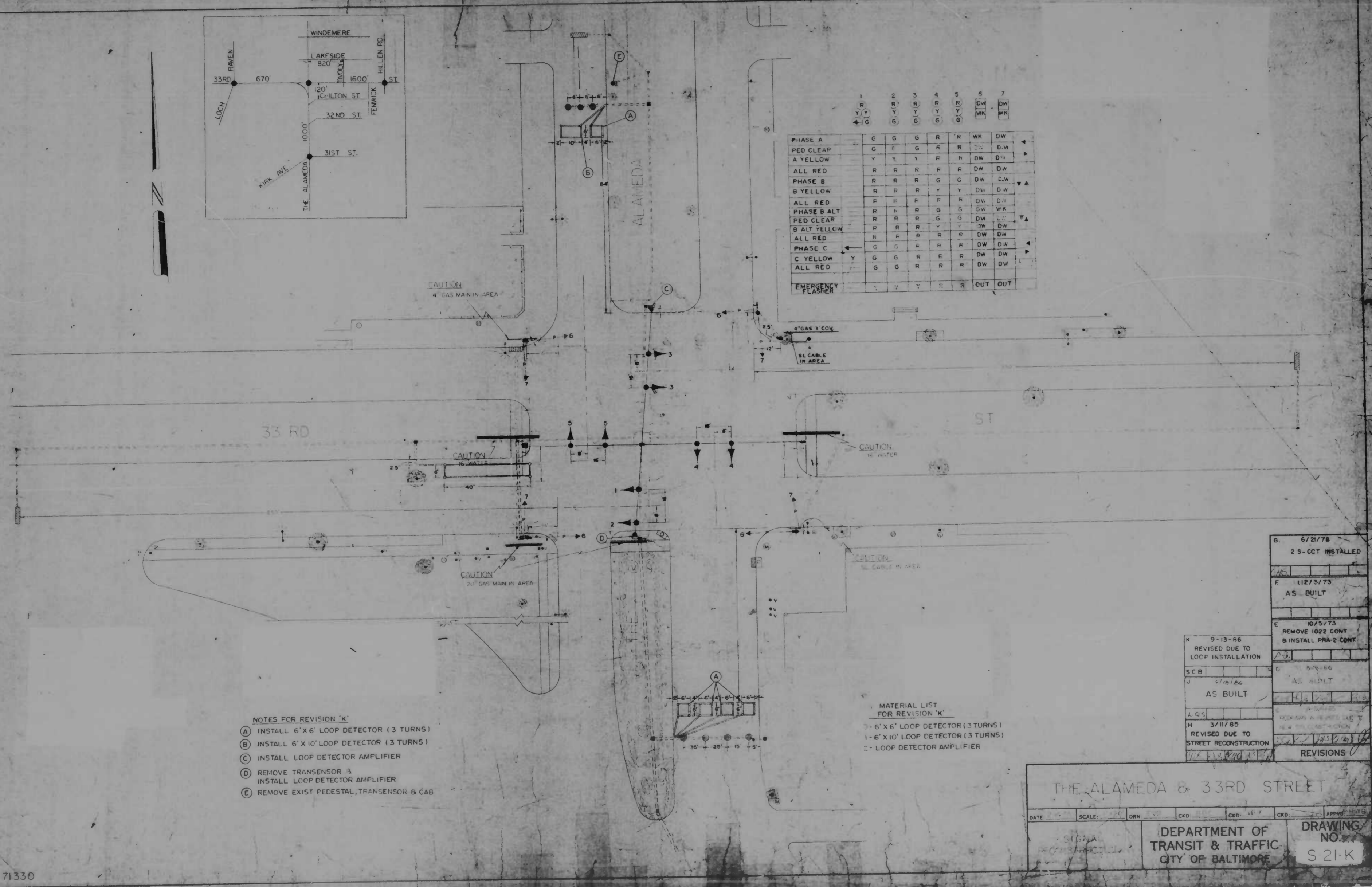
REVISIONS	

SYMBOL SHEET

DATE	AUG 15, 88	SCALE	NONE	DRN	[Signature]	CKD	[Signature]	APPD	[Signature]
DEPARTMENT OF TRANSIT & TRAFFIC CITY OF BALTIMORE								DRAWING NO. S-1596	



	1	2	3	4	5	6	7
PHASE A	G	G	G	R	R	WK	DW
PHASE B	R	R	R	G	G	DW	DW
PHASE C	G	G	R	R	R	DW	DW
EMERGENCY FLASHER	Y	Y	Y	R	R	OUT	OUT



- NOTES FOR REVISION 'K'
- (A) INSTALL 6' X 6' LOOP DETECTOR (3 TURNS)
 - (B) INSTALL 6' X 10' LOOP DETECTOR (3 TURNS)
 - (C) INSTALL LOOP DETECTOR AMPLIFIER
 - (D) REMOVE TRANSENSOR 3
INSTALL LOOP DETECTOR AMPLIFIER
 - (E) REMOVE EXIST PEDESTAL, TRANSENSOR & CAB

- MATERIAL LIST FOR REVISION 'K'
- 1 - 6' X 6' LOOP DETECTOR (3 TURNS)
 - 1 - 6' X 10' LOOP DETECTOR (3 TURNS)
 - 1 - LOOP DETECTOR AMPLIFIER

NO.	DATE	DESCRIPTION
G.	6/21/78	2 S-CCT INSTALLED
F.	11/23/73	AS BUILT
E.	10/5/73	REMOVE 1022 CONT B INSTALL PRA-2 CONT.
K.	9-13-86	REVISED DUE TO LOOP INSTALLATION
SCB		9-2-86
U.	11/1/86	AS BUILT
H.	3/11/85	REVISED DUE TO STREET RECONSTRUCTION

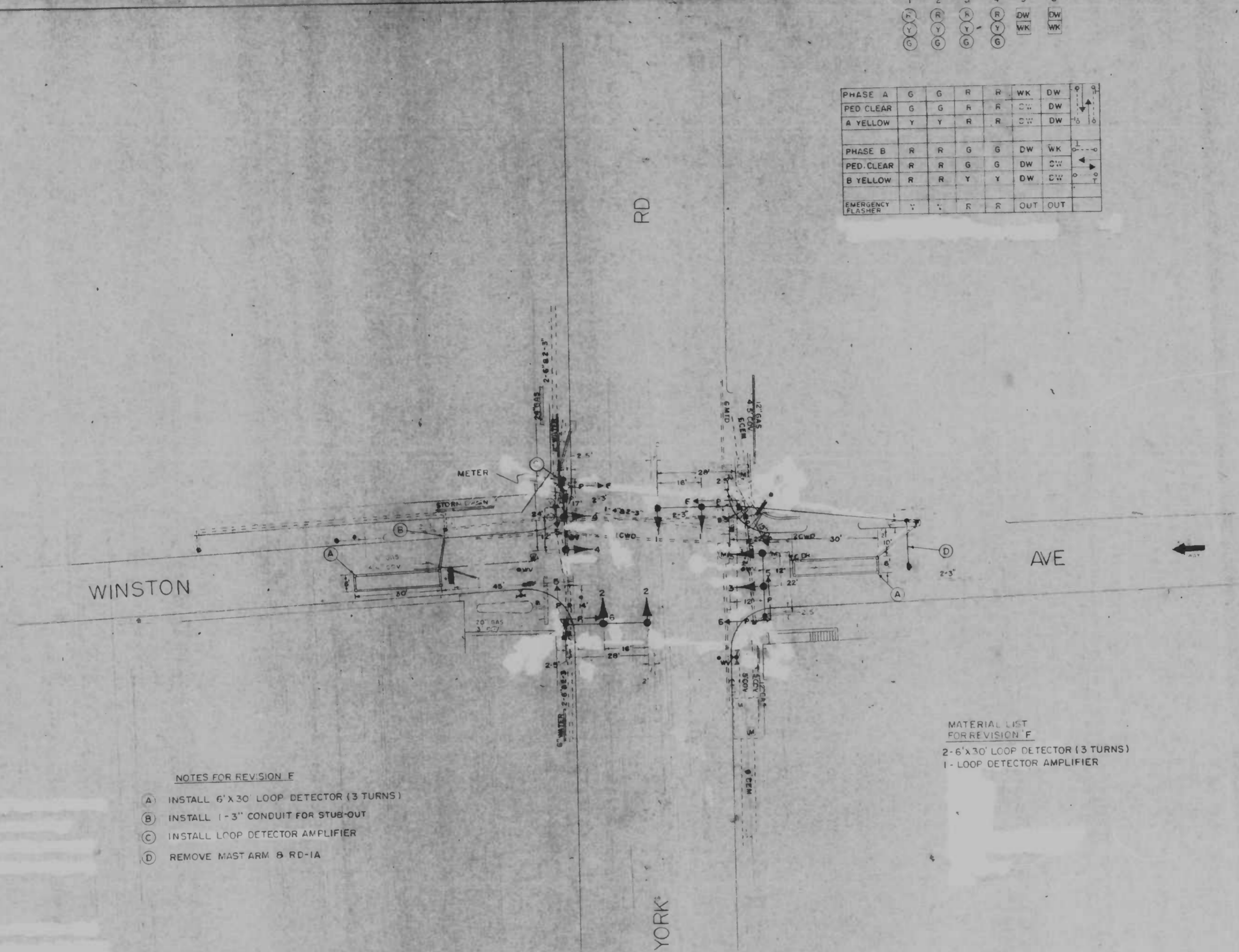
THE ALAMEDA & 33RD STREET

DATE: _____ SCALE: _____ DRN: _____ CKD: _____ CED: _____ CKD: _____ APPROV: _____

DEPARTMENT OF TRANSIT & TRAFFIC
CITY OF BALTIMORE

DRAWING NO. S-21-K

	1	2	3	4	5	6
	Y	R	R	R	DW	DW
	Y	Y	Y	Y	WK	WK
	G	G	G	G		
PHASE A	G	G	R	R	WK	DW
PED CLEAR	G	G	R	R	DW	DW
A YELLOW	Y	Y	R	R	DW	DW
PHASE B	R	R	G	G	DW	WK
PED CLEAR	R	R	G	G	DW	DW
B YELLOW	R	R	Y	Y	DW	DW
EMERGENCY FLASHER	Y	Y	R	R	OUT	OUT



- NOTES FOR REVISION E
- A) INSTALL 6' X 30' LOOP DETECTOR (3 TURNS)
 - B) INSTALL 1-3" CONDUIT FOR STUB-OUT
 - C) INSTALL LOOP DETECTOR AMPLIFIER
 - D) REMOVE MAST ARM B RD-1A

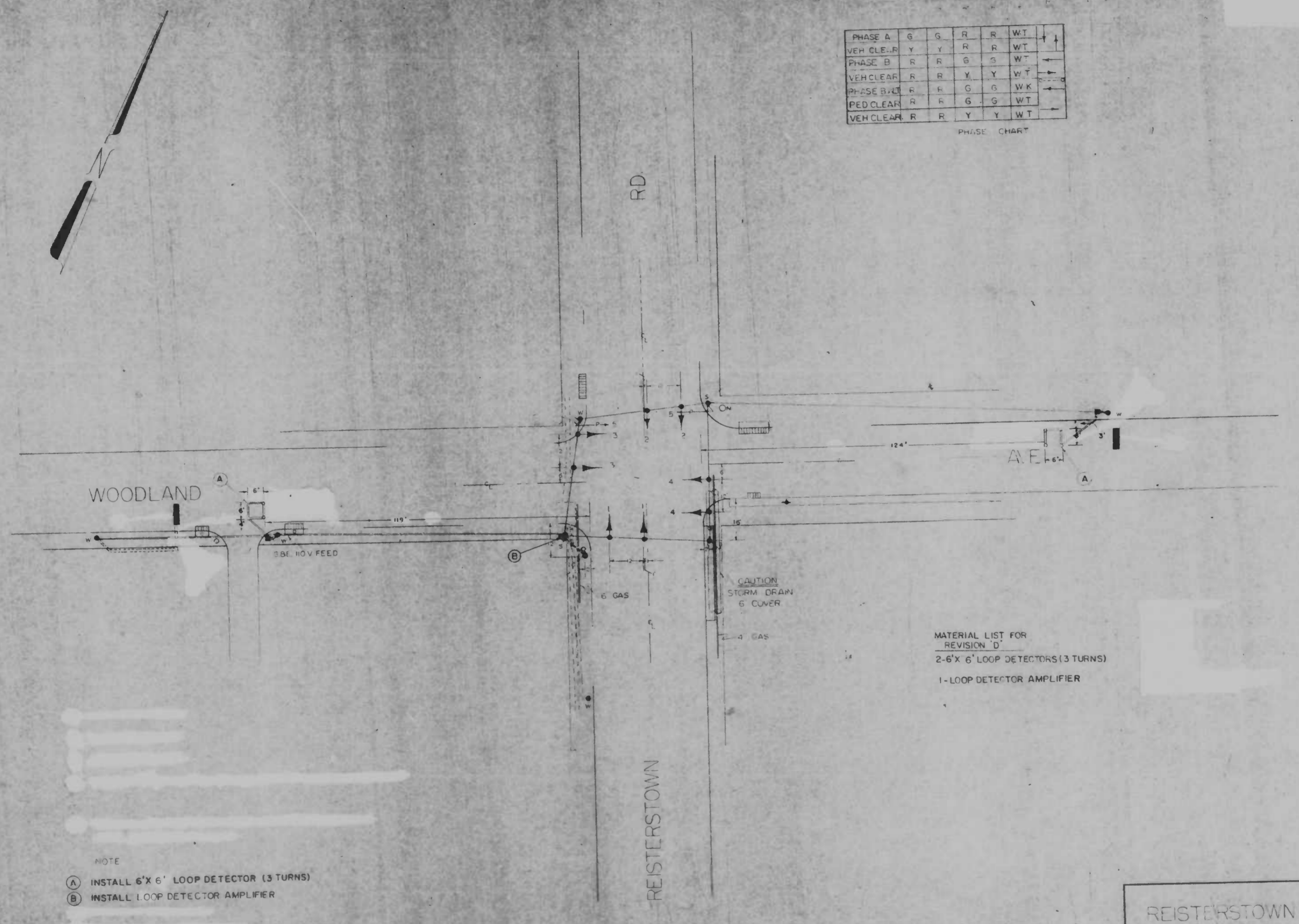
MATERIAL LIST FOR REVISION F
 2-6' X 30' LOOP DETECTOR (3 TURNS)
 1- LOOP DETECTOR AMPLIFIER

F	10-28-86	REVISED DUE TO LOOP INSTALLATION
SCB		
E		AS BUILT
D	3-17-86	REVISED DUE TO SIGNAL RECONSTRUCTION
SCB		
C		
B		
A		

WINSTON AVE & YORK RD					
DATE:	SCALE:	DRN:	CKD:	CKD:	APPVD:
SIGNAL					
CONSTRUCTION					
DEPT. OF TRAFFIC ENGINEERING CITY OF BALTIMORE				DRAWING NO. S-473-F	

PHASE	A	G	G	R	R	WT	
VEH CLEAR	Y	Y	R	R	WT		↑
PHASE B	R	R	G	G	WT		↑
VEH CLEAR	R	R	Y	Y	WT		↑
PHASE B	R	R	G	G	WK		↑
PED CLEAR	R	R	G	G	WT		↑
VEH CLEAR	R	R	Y	Y	WT		↑

PHASE CHART



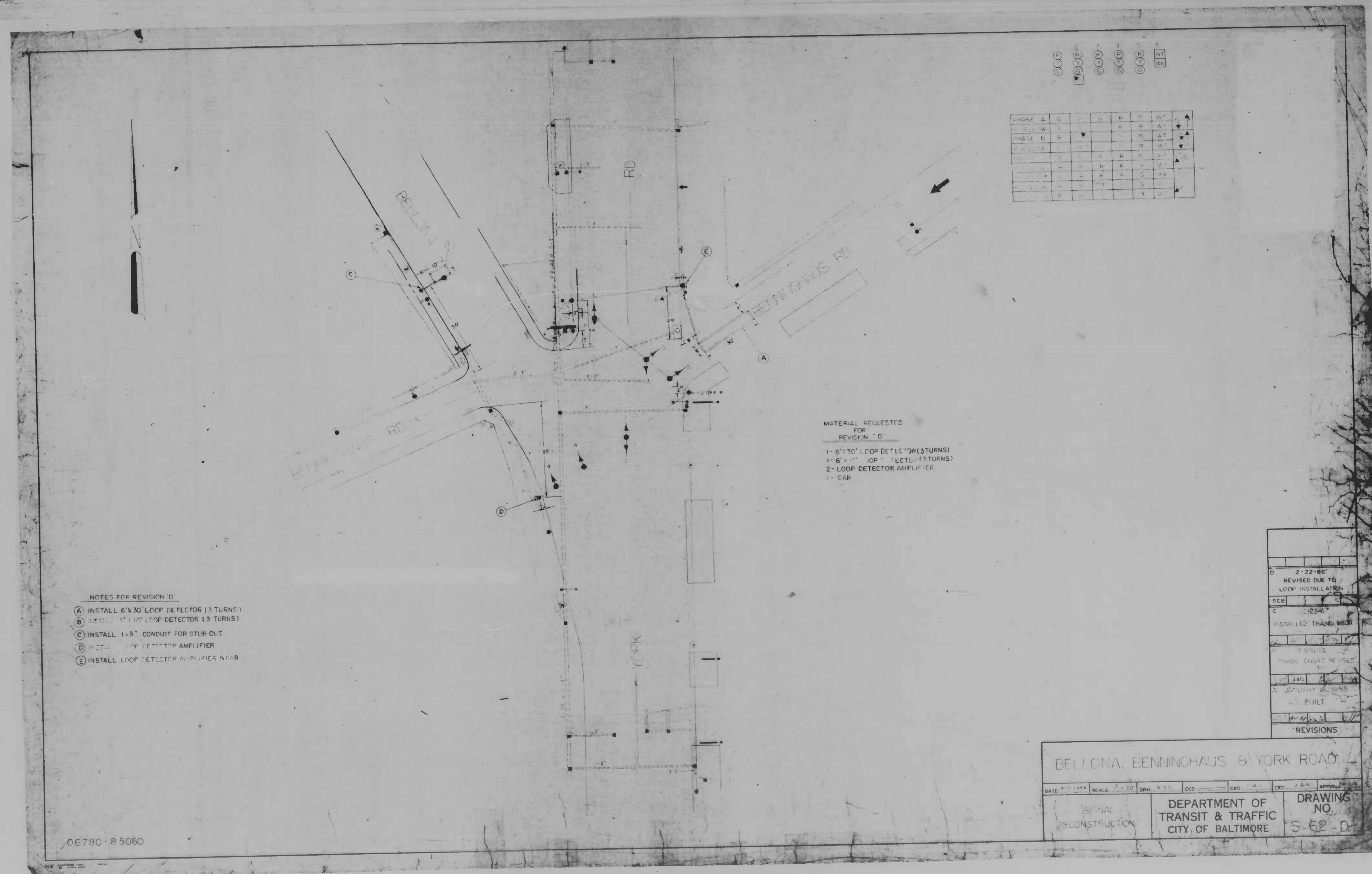
MATERIAL LIST FOR REVISION 'D'
 2-6' X 6' LOOP DETECTORS (3 TURNS)
 1-LOOP DETECTOR AMPLIFIER

- NOTE
- (A) INSTALL 6' X 6' LOOP DETECTOR (3 TURNS)
 - (B) INSTALL LOOP DETECTOR AMPLIFIER

NO.	DATE	REVISIONS
D	3-8-66	REVISED DRAWING TO ADD INSTALLATION
C	FEB. 21, 1962	AS BUILT
B	DEC 13, 1961	REMOVED LEFT TURN ARROW & UNIT CHANGED PHASE CHART & MATERIAL LIST
A	APRIL 14, 1960	REDRAWN & REVISED FOR CEDAR AVE BRIDGE DETOUR

REISTERSTOWN RD. & WOODLAND, AVE.

DATE: 7-10-55	SCALE: 1"=20'	DRN: EVD	CKD: JRR	CKD: JRR	CKD: JRR
SIGNAL RECONSTRUCTION		DEPARTMENT OF TRANSIT & TRAFFIC CITY OF BALTIMORE		DRAWING NO. S-487-D	



PHASE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
PHASE A																										
PHASE B																										
PHASE C																										
PHASE D																										
PHASE E																										
PHASE F																										
PHASE G																										
PHASE H																										
PHASE I																										
PHASE J																										
PHASE K																										
PHASE L																										
PHASE M																										
PHASE N																										
PHASE O																										
PHASE P																										
PHASE Q																										
PHASE R																										
PHASE S																										
PHASE T																										
PHASE U																										
PHASE V																										
PHASE W																										
PHASE X																										
PHASE Y																										
PHASE Z																										

- NOTES FOR REVISION 'D'
- (A) INSTALL 6'X30' LOOP DETECTOR (3 TURNS)
 - (B) INSTALL 6'X10' LOOP DETECTOR (3 TURNS)
 - (C) INSTALL 1-3" CONDUIT FOR STUB OUT
 - (D) INSTALL LOOP DETECTOR AMPLIFIER
 - (E) INSTALL LOOP DETECTOR AMPLIFIER & CAB

MATERIAL REQUESTED FOR REVISION 'D'

- 1- 6'X30' LOOP DETECTOR (3 TURNS)
- 1- 6'X10' LOOP DETECTOR (3 TURNS)
- 2- LOOP DETECTOR AMPLIFIER
- 1- CAB

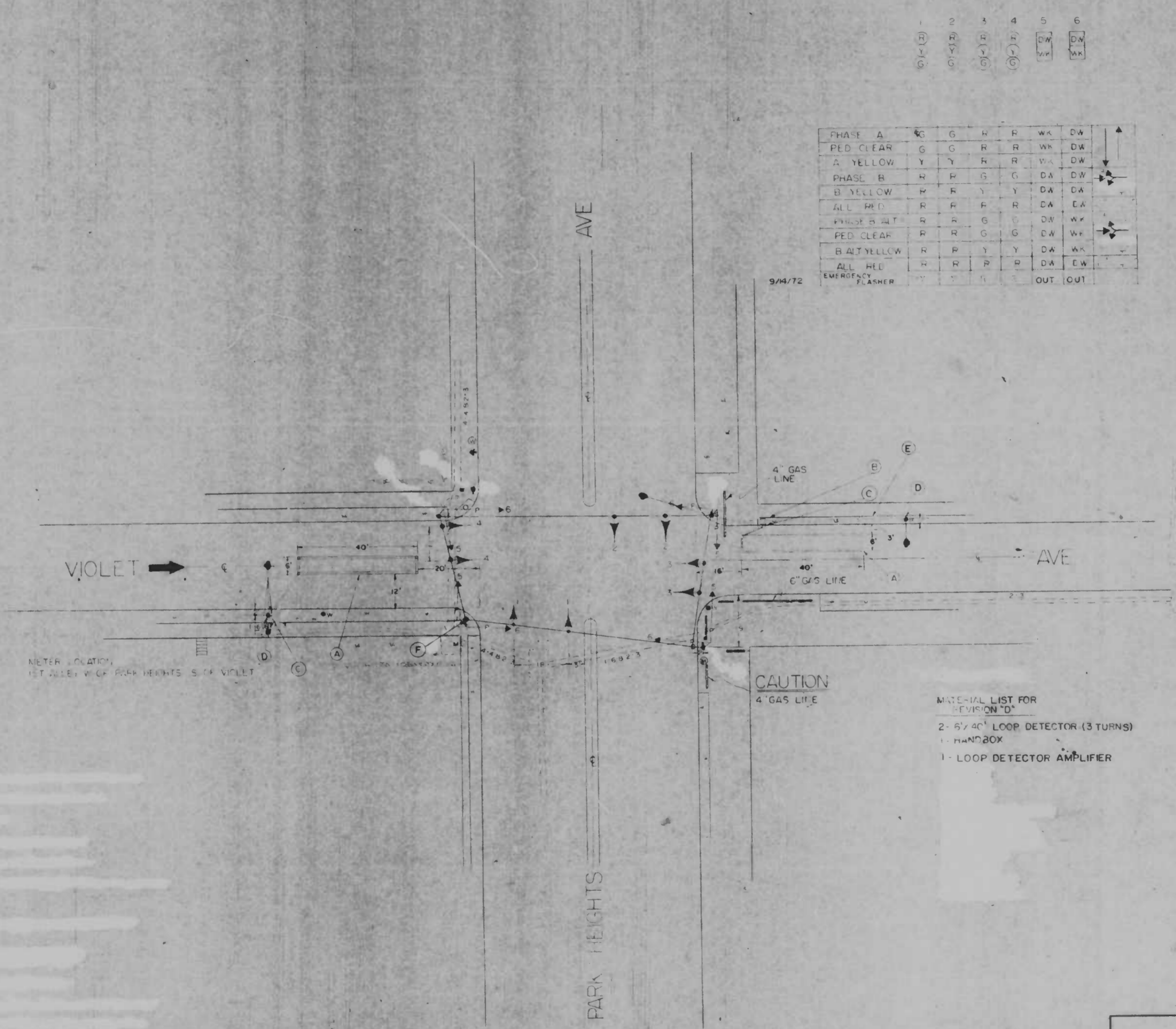
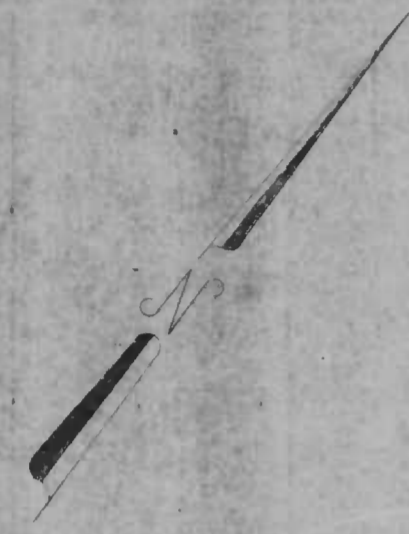
DATE	2-22-66
REVISION	REVISOR
SCB	2425-67
C	INSTALLED TRANSFORMER
D	REVISIONS
E	PHASE CHART REVISION
F	1975
G	JANUARY 15, 1975
H	AS BUILT
I	REVISIONS

BELLONA, BENNINGHAUS & YORK ROAD

DATE: 9-1-54 SCALE: 1"=20' DRN: E.S.C. CKD: CKD: CKD: APPROVED:

SIGNAL RECONSTRUCTION DEPARTMENT OF TRANSIT & TRAFFIC CITY OF BALTIMORE DRAWING NO. S-62-D

06780-85060



	1	2	3	4	5	6
PHASE A	G	G	R	R	WK	DA
PED CLEAR	G	G	R	R	WK	DA
A YELLOW	Y	Y	R	R	WK	DA
PHASE B	R	R	G	G	DA	DA
B YELLOW	R	R	Y	Y	DA	DA
ALL RED	R	R	R	R	DA	DA
PHASE B ALT	R	R	G	G	DA	DA
PED CLEAR	R	R	G	G	DA	DA
B ALT YELLOW	R	R	Y	Y	DA	DA
ALL RED	R	R	R	R	DA	DA
EMERGENCY FLASHER	Y	Y	Y	Y	OUT	OUT

- NOTES FOR REVISION "D"
- A INSTALL 6'x40' LOOP DETECTOR (3 TURNS)
 - B INSTALL HB
 - C INSTALL 1-3" CONDUIT FOR STUBOUT
 - D REMOVE EX. S.P. & DETECTOR
 - E CAP & ABANDON DUCT
 - F INSTALL LOOP DETECTOR AMPLIFIER

- MATERIAL LIST FOR REVISION "D"
- 2 - 6'x40' LOOP DETECTOR (3 TURNS)
 - 1 - HAND BOX
 - 1 - LOOP DETECTOR AMPLIFIER

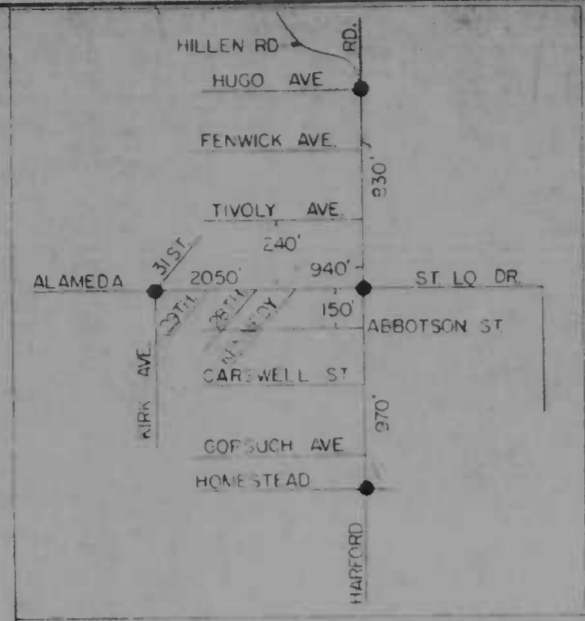
3-8-66	REVISION D
10/25/65	WR-WT REPLACED WITH WK-DW
5/7/64	AS BUILT WITHOUT FLASHER
15 NOV 63	REDRAWN & REVISED DUE TO NEW SIG PLAN
REVISIONS	

PARK HEIGHTS AVE & VIOLET AVE

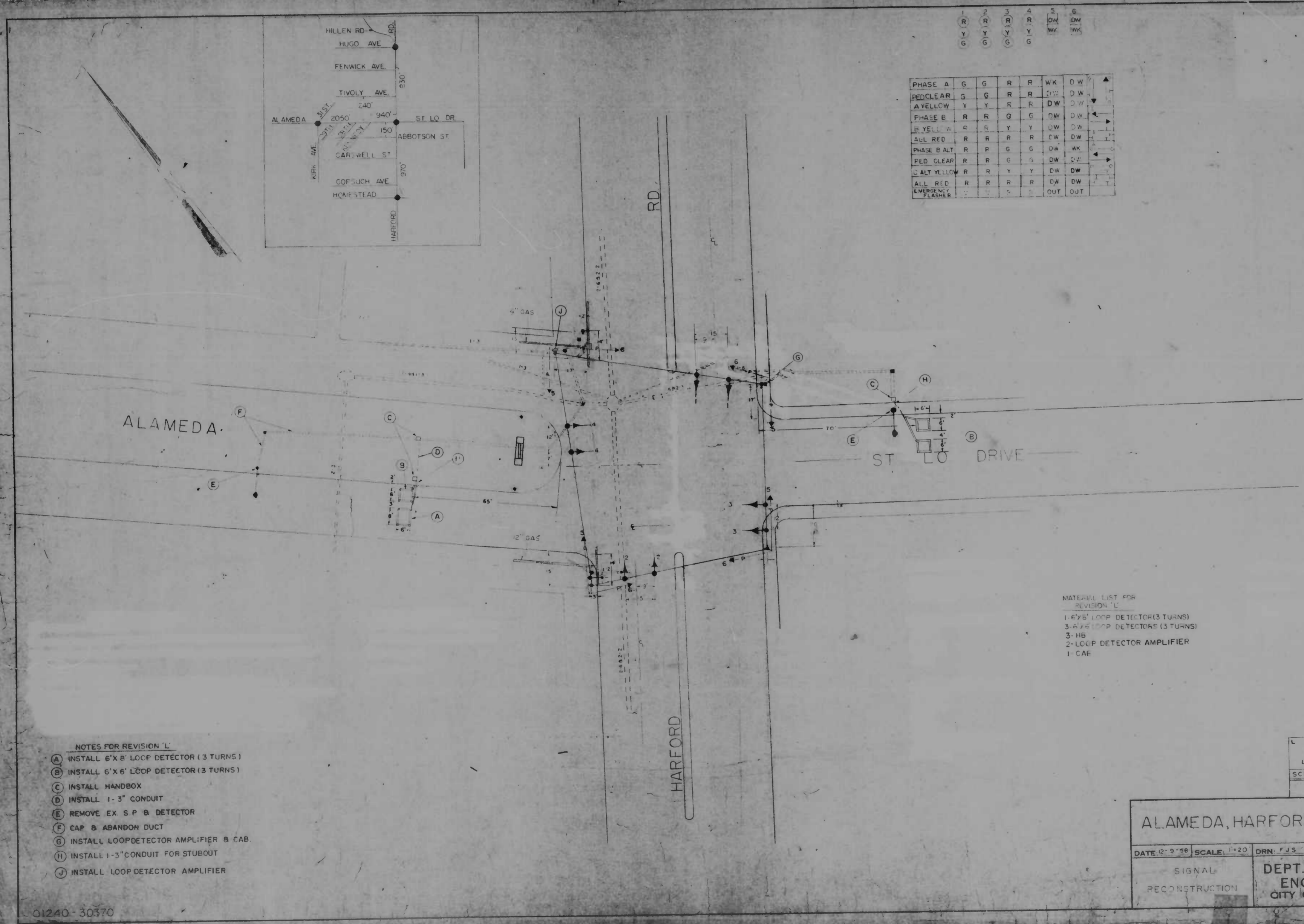
DATE: 7-58 SCALE: 1"=20' DRN: W CKD: NCN CKD: JBR APPVD: HAB

SIGNAL RECONSTRUCTION DEPARTMENT OF TRANSIT & TRAFFIC CITY OF BALTIMORE DRAWING NO. S-649-D

57190-77300



	1	2	3	4	5	6
PHASE A	R	R	R	R	DW	DW
PED CLEAR	Y	Y	Y	Y	WK	WK
ALL YELLOW	G	G	G	G		
PHASE B	R	R	G	G	DW	DW
ALL RED	R	R	R	R	DW	DW
PHASE B ALT	R	P	G	G	DW	WK
PED CLEAR	R	R	G	G	DW	WK
ALL YELLOW	R	R	Y	Y	DW	DW
ALL RED	R	R	R	R	DW	DW
EMERGENCY FLASHER					OUT	OUT



- NOTES FOR REVISION 'L'
- (A) INSTALL 6' X 6' LOOP DETECTOR (3 TURNS)
 - (B) INSTALL 6' X 6' LOOP DETECTOR (3 TURNS)
 - (C) INSTALL HANDBOX
 - (D) INSTALL 1-3" CONDUIT
 - (E) REMOVE EX S P & DETECTOR
 - (F) CAP & ABANDON DUCT
 - (G) INSTALL LOOP DETECTOR AMPLIFIER & CAB.
 - (H) INSTALL 1-3" CONDUIT FOR STUBOUT
 - (I) INSTALL LOOP DETECTOR AMPLIFIER

MATERIAL LIST FOR REVISION 'L'

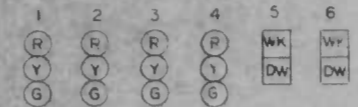
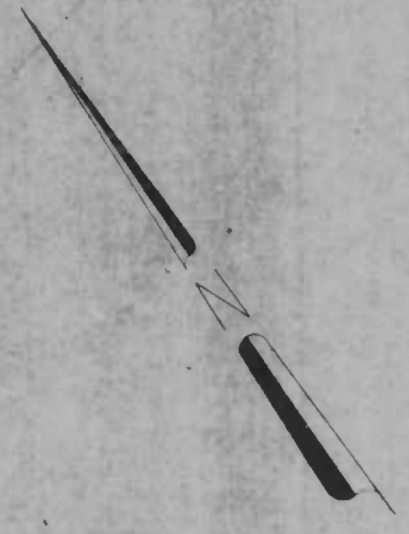
- 1-6' X 6' LOOP DETECTOR (3 TURNS)
- 3-6' X 6' LOOP DETECTOR (3 TURNS)
- 3-HB
- 2-LOOP DETECTOR AMPLIFIER
- 1-CAB

K.	AS BUILT
MBT	
J	AUG 8 1970 INSTALL TEMPORARY PERMANENT SIGNAL DISPLAY
H	4-16-71
I	AS BUILT
G	2-2-71
F	REVISED DUE TO STREET RECONSTRUCTION
E	4-10-67
D	INSTALLED WR-DW PED SIG & FLASHER
C	1/12/67
B	REVISED DUE TO PED SIGNAL CONSTRUCTION
A	MAY 15 1960
	AS BUILT
L	2-22-86 REVISED DUE TO LOOP INSTALLATION
SCB	REVISIONS

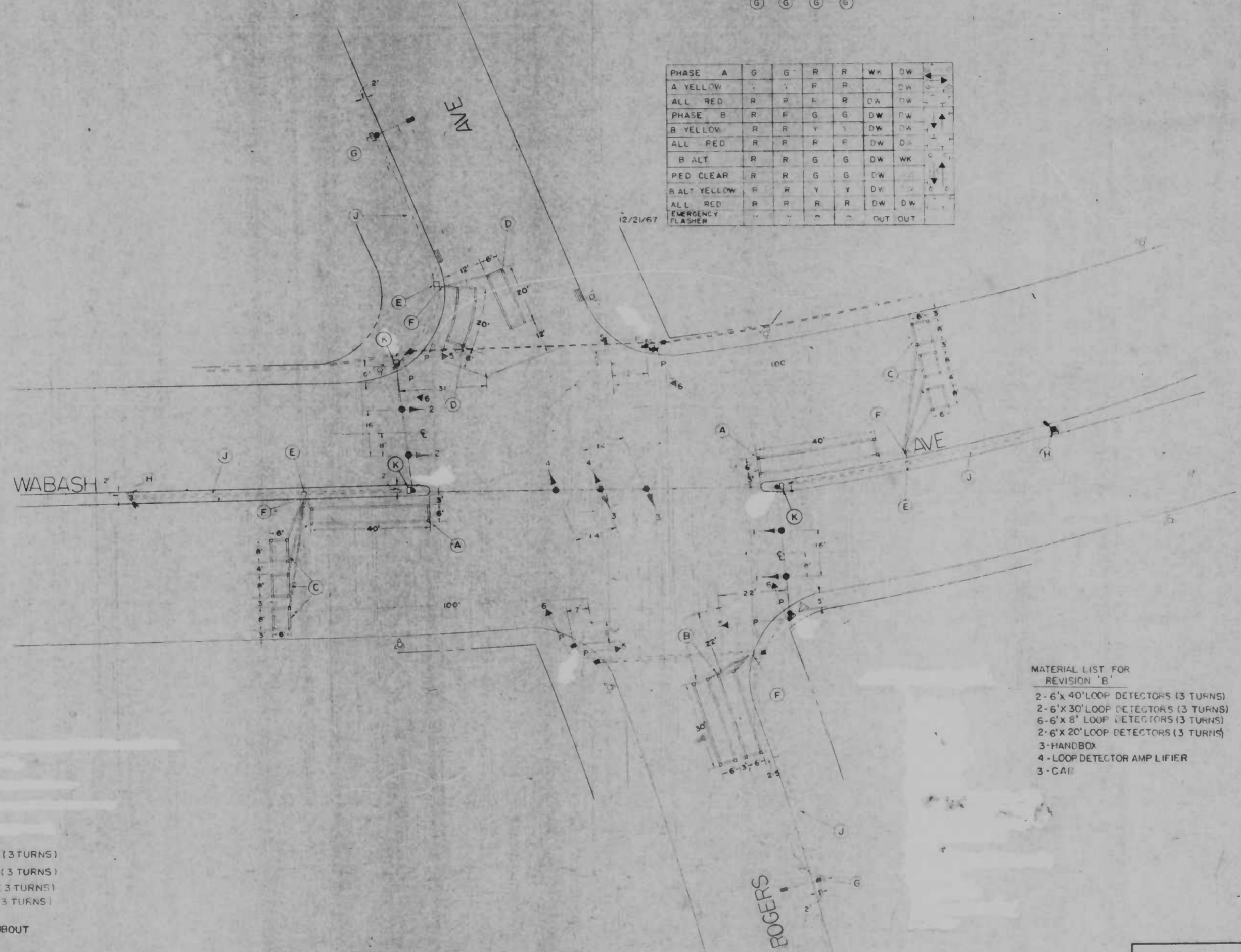
ALAMEDA, HARFORD RD, & ST. LO DRIVE

DATE: 2-9-86 SCALE: 1"=20' DRN: FJS CKD: JMG CKD: JBR APPVD: HMB

SIGNAL RECONSTRUCTION DEPT. OF TRAFFIC ENGINEERING CITY OF BALTIMORE DRAWING NO. S-952



PHASE	A	G	G	R	R	Wk	DW
A YELLOW				R	R		DW
ALL RED	R	R	R	R	R	DW	DW
PHASE B	R	R	G	G	DW	DW	
B YELLOW	R	R			DW	DW	
ALL PED	R	R	R	R	DW	DW	
B ALT	R	R	G	G	DW	WK	
PED CLEAR	R	R	G	G	DW		
B ALT YELLOW	R	R			DW		
ALL RED	R	R	R	R	DW	DW	
EMERGENCY FLASHER					OUT	OUT	



- NOTES FOR REVISION 'E'
- (A) INSTALL 6'x40' LOOP DETECTOR (3 TURNS)
 - (B) INSTALL 6'x30' LOOP DETECTOR (3 TURNS)
 - (C) INSTALL 6'x8' LOOP DETECTOR (3 TURNS)
 - (D) INSTALL 6'x20' LOOP DETECTOR (3 TURNS)
 - (E) INSTALL HAND BOX
 - (F) INSTALL 1-3" CONDUIT FOR STUBOUT
 - (G) REMOVE EXIST SP & DETECTOR
 - (H) REMOVE EXIST PED. & DETECTOR
 - (J) CAP & ABANDON EXIST. DUCT
 - (K) INSTALL LOOP DETECTOR AMPLIFIER @ CAB

- MATERIAL LIST FOR REVISION 'B'
- 2- 6'x 40' LOOP DETECTORS (3 TURNS)
 - 2- 6'x 30' LOOP DETECTORS (3 TURNS)
 - 6- 6'x 8' LOOP DETECTORS (3 TURNS)
 - 2- 6'x 20' LOOP DETECTORS (3 TURNS)
 - 3- HANDBOX
 - 4- LOOP DETECTOR AMP LIFIER
 - 3- CAB

NO.	DATE	REVISION
B	3-10-66	REVISED DUE TO LOOP INSTALLATION
SCB		
A	12-21-67	AS BUILT
REVISIONS		

63070 - 79010

ROGERS & WABASH AVES

DATE: 12-21-67	SCALE: 1" = 20'	DRN: [Signature]	CKD: [Signature]	CKD: [Signature]	APPD: [Signature]
SIGNAL CONSTRUCTION		DEPARTMENT OF TRANSIT & TRAFFIC CITY OF BALTIMORE		DRAWING NO. S-96-B	

798
500
500
500
500
1/2

PHASE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
PHASE A	Y																									
A YELLOW	Y																									
PHASE B		R																								
B YELLOW		R																								
PHASE B ALT		R																								
RED CLEAR		R																								
B ALT YELL		R																								

- NOTES FOR REVISION D
- (A) INSTALL 6'x30' LOOP DETECTOR (3 TURNS)
 - (B) INSTALL LOOP DETECTOR AMPLIFIER
 - (C) REMOVE EXIST SP A DETECTOR

MATERIAL LIST FOR REVISION D
 1 - 6' x 30' LOOP DETECTOR (3 TURNS)
 1 - LOOP DETECTOR AMPLIFIER

NO.	DATE	REVISIONS
D	4-10-86	REVISED DUE TO LOOP INSTALLATION
SCB		
C	JULY 1965	INSTALL 2 ALT SIGNALS INSTALL 2 T WAY SIGNALS FOR EAST SIDE AT INTERSECTION
B	APRIL 16, 1962	ADDED PHASE CHART B UP DATED
A		

THE TRAFFIC COMMISSION
 OF THE CITY OF BALTIMORE

 Traffic Engineer

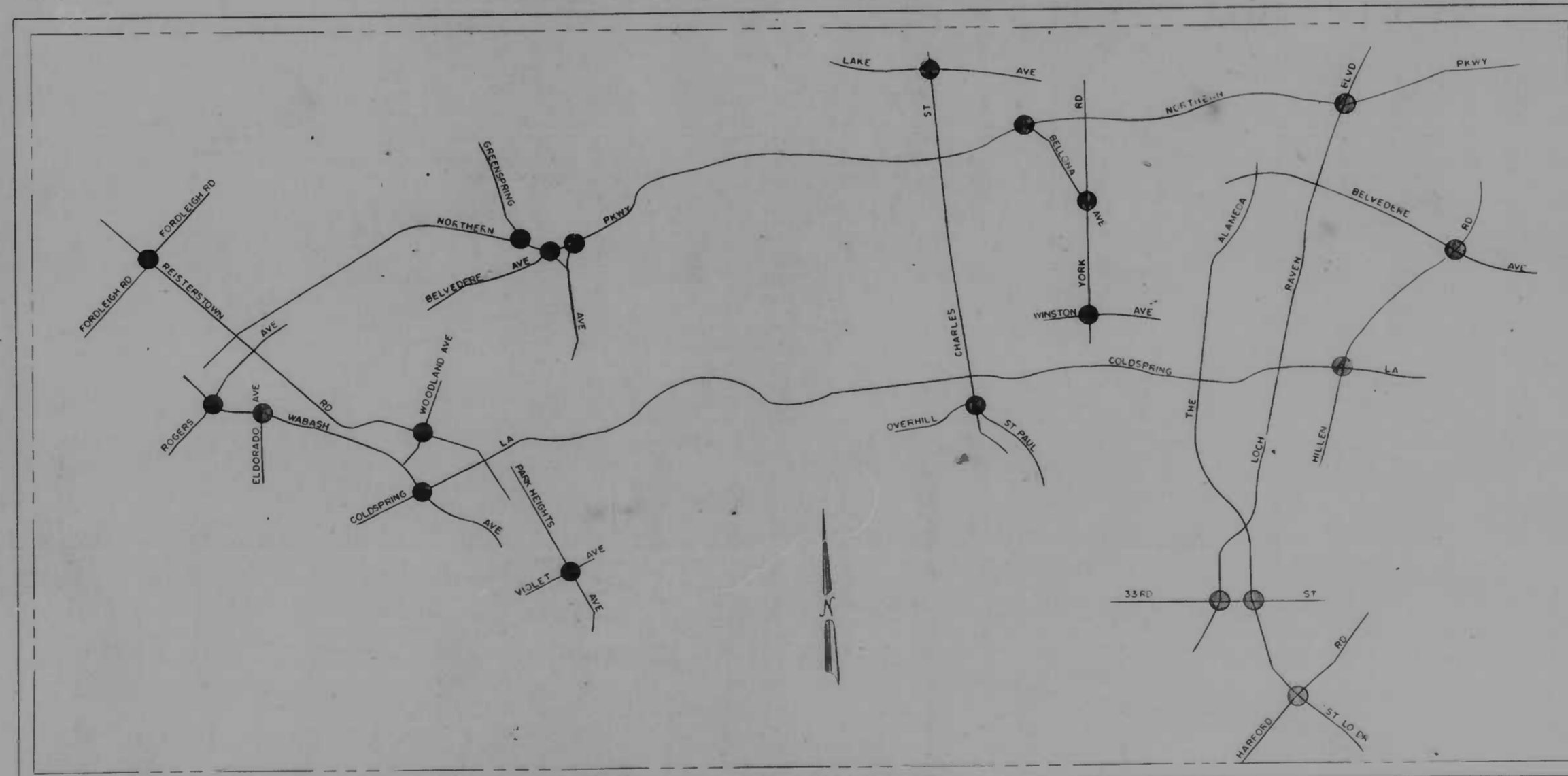
 Traffic Engineer

DRAWN BY: _____ CHECKED BY: _____ DWG. NO. _____
 SCALE: _____ DATE: _____ TS-38-C

FHWA REGION	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD.			

INDEX	
NO.	DESCRIPTION
1	TITLE SHEET
2	SYMBOL SHEET
3	LOOP INSTALLATION DETAIL
4	THE ALAMEDA AND 33 RD
5	THE ALAMEDA AND HARFORD
6	BELLONA, BELVEDERE AND NORTHERN PKWY
7	BELLONA, BENNINGSHAUS AND YORK
8	BELVEDERE, ECHODALE AND PERRING PKWY
9	BELVEDERE AND NORTHERN PKWY
10	CHARLES, GREENWAY, OVERHILL AND ST PAUL
11	CHARLES AND LAKE
12	COLDSRING AND HILLEN
13	COLDSRING AND WABASH
14	ELDORADO AND WABASH
15	FORDLEIGH AND REISTERSTOWN
16	GREENWAY AND NORTHERN PKWY (UPPER)
17	GREENWAY AND NORTHERN PKWY (LOWER)
18	LOCH RAVEN AND NORTHERN PKWY
19	LOCH RAVEN AND 33 RD
20	PARK HEIGHTS AND VIOLET
21	REISTERSTOWN AND WOODLAND
22	ROGERS AND WABASH
23	WINSTON AND YORK
24	QUANTITY SHEET

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
AND
STATE HIGHWAY ADMINISTRATION OF MARYLAND
INTERSTATE DIVISION FOR BALTIMORE CITY
FEDERAL AID PROJECT NO. IXG-000S(52)
STATE HIGHWAY ADMINISTRATION PROJECT NO BC 311-149-815
CITY OF BALTIMORE, CONTRACT NO. 3153
INSTALLATION OF INDUCTIVE LOOPS
AT VARIOUS LOCATIONS
THROUGHOUT BALTIMORE CITY



LOCATION PLAN
N.T.S.

Mr. George Perdikakis
 Room 310
 Municipal Building

CHECKED BY BUREAU OF WATER AND WASTEWATER WATER ENGINEERING DIVISION WASTEWATER ENGINEERING DIVISION INITIALS: <i>EL</i> DATE: <i>10/30/66</i>	CITY OF BALTIMORE DEPARTMENT OF PUBLIC WORKS APPROVAL RECOMMENDED <i>George A. Perdikakis</i> HEAD, BUREAU OF HIGHWAYS APPROVED <i>George A. Perdikakis</i> DIRECTOR OF OFFICE OF TRANSPORTATION	PREPARED BY CITY OF BALTIMORE DEPARTMENT OF TRANSIT & TRAFFIC DATE: <i>OCT. 10, 1966</i>	STATE HIGHWAY ADMINISTRATION OF MARYLAND REVIEWED AND APPROVAL RECOMMENDED <i>Henry W. Williams</i> DEPUTY CHIEF, I.D.B.C. APPROVAL RECOMMENDED <i>Henry W. Williams</i> CHIEF, INTERSTATE DIVISION FOR BALTIMORE CITY APPROVED <i>George A. Perdikakis</i> CHIEF ENGINEER DATE: <i>10/30/66</i>	U. S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION DIVISION ADMINISTRATOR _____ DATE _____
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