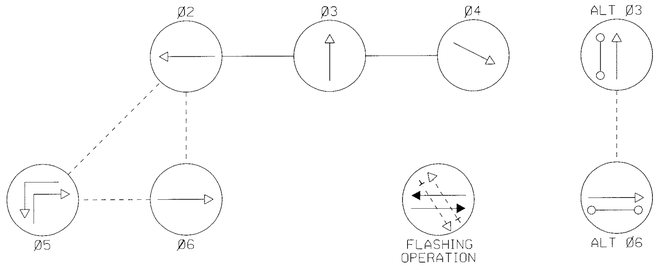
F. H. WA. REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
	MD.			

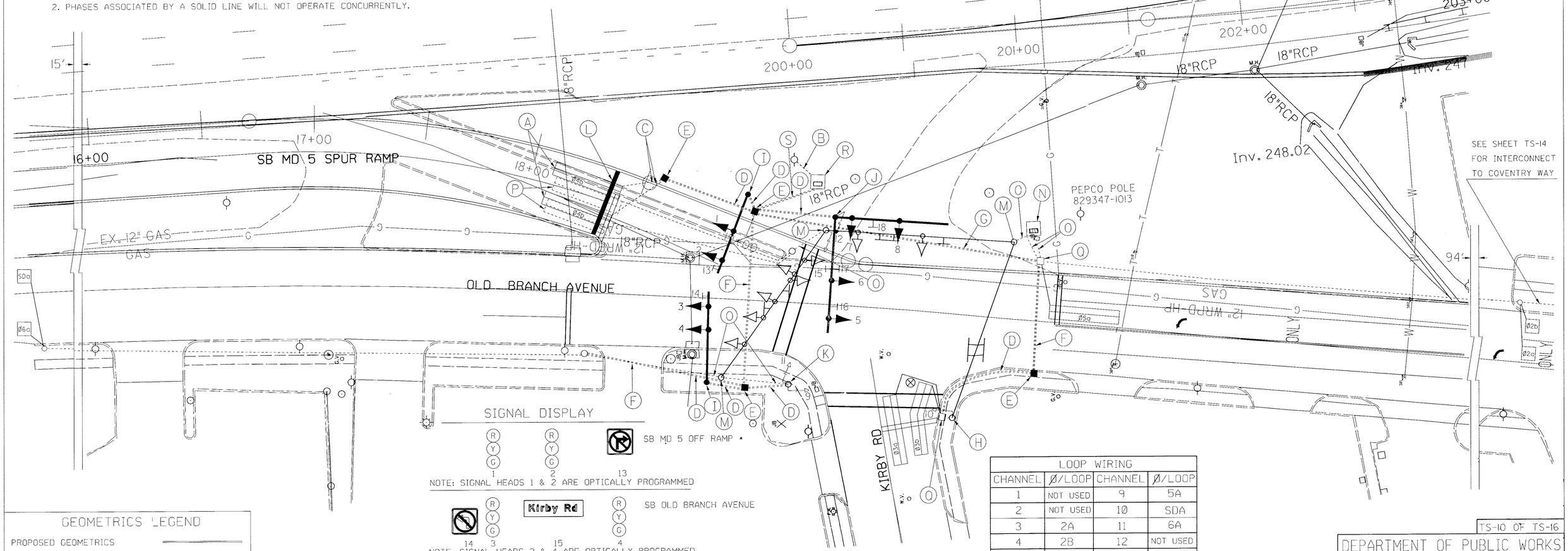
NEMA PHASING



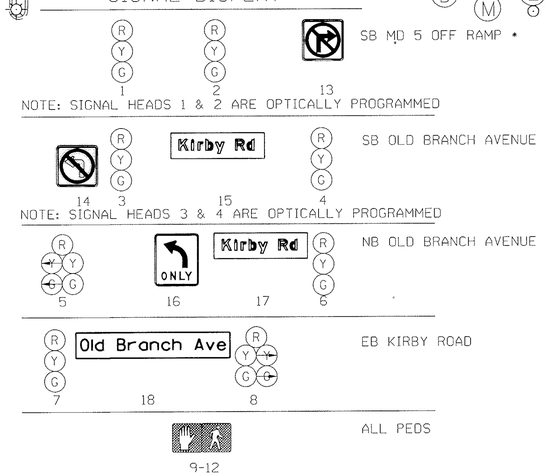
NEMA PHASING NOTES
1. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

CONSTRUCTION DETAILS

A. Install 6' x 30' quadrupole type vehicle loop detector (3-6-3 turns).
B. Install underground power feed (PEPCO POLE # 829346-1396)
C. Install 1" liquid tight conduit sleeve for detector wire.
D. Install 2" schedule 40 PVC electrical conduit - trenched.
E. Install handhole
F. Install 2" schedule 80 PVC electrical conduit - bored.
G. Install 3" schedule 40 PVC electrical conduit - trenched.
H. Remove existing strain pole and install a 10' breakaway pedestal pole and foundation with pedestrian signal head, sign and push button (NOTE: one-2" schedule 40, 90 degree PVC conduit bend).
I. Install 21' steel pole with 38' mast arm, optically programmed signal heads, signs, (Note: one-3" schedule 40, 90-degree PVC conduit bend).
J. Install 21' steel pole with 50' X 50' 90-degree twin mast arm, signs, and pedestrian signal heads, pedestrian pushbutton, (Note: one-3", schedule 40, 90-degree PVC conduit bend)
K. Maintain existing pedestrian signals.
L. Install 24" stop line.
M. Remove and salvage existing strain pole, signal heads, and signs.
N. Remove and salvage existing controller and cabinet.
O. Abandon existing conduit.
P. Abandon existing loops.
Q. Use existing handbox.
R. Install base mounted cabinet, controller and all necessary equipment. (NOTE: two-3" schedule 40, 90 degree PVC conduit bends, one-2" schedule 80, 90 degree PVC conduit bend).
S. Install two - 3" schedule 40 PVC electrical conduit - trenched.



SIGNAL DISPLAY



LOOP WIRING			
CHANNEL	Ø/LOOP	CHANNEL	Ø/LOOP
1	NOT USED	9	5A
2	NOT USED	10	SDA
3	2A	11	6A
4	2B	12	NOT USED
5	3A	13	NOT USED
6	3B	14	NOT USED
7	4A	15	NOT USED
8	4B	16	NOT USED

GEOMETRICS LEGEND

PROPOSED GEOMETRICS
EXISTING GEOMETRICS

LEGEND OF UTILITIES

WATER	W
GAS	G
UNDERGROUND TELEPHONE	T
SANITARY SEWER	S
UNDERGROUND ELECTRIC	E
AERIAL	A
STORM DRAIN	SD
SEWAGE FORCE MAIN	FM
CABLE TV	TV

KCI TECHNOLOGIES

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REVISIONS

TS-10 OF TS-16

DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
PRINCE GEORGE'S COUNTY, MARYLAND

MD ROUTE 5 RAMP / KIRBY RD @ OLD BRANCH AVENUE

SCALE: 1"=20'
DWG 332 OF 395
APPROVED 11/6/96 DATE, FOR BETTY HAGER FRANCIS DIRECTOR
DESIGNED: TCC / GWC
DRAWN: TCC
CHECKED: STB 11-6-96
APPROVED: 11/6/96 DATE
CONTRACTOR NO.
LOCATION NO. | JOB NO.
FILE NO.