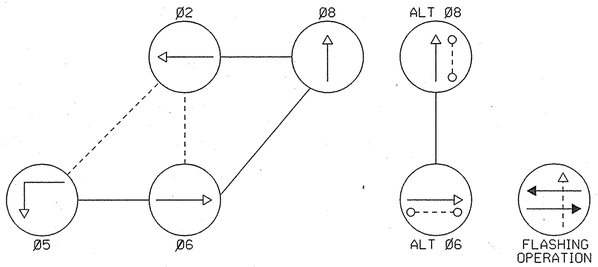
F. H. WA. REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
	MD.			

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.

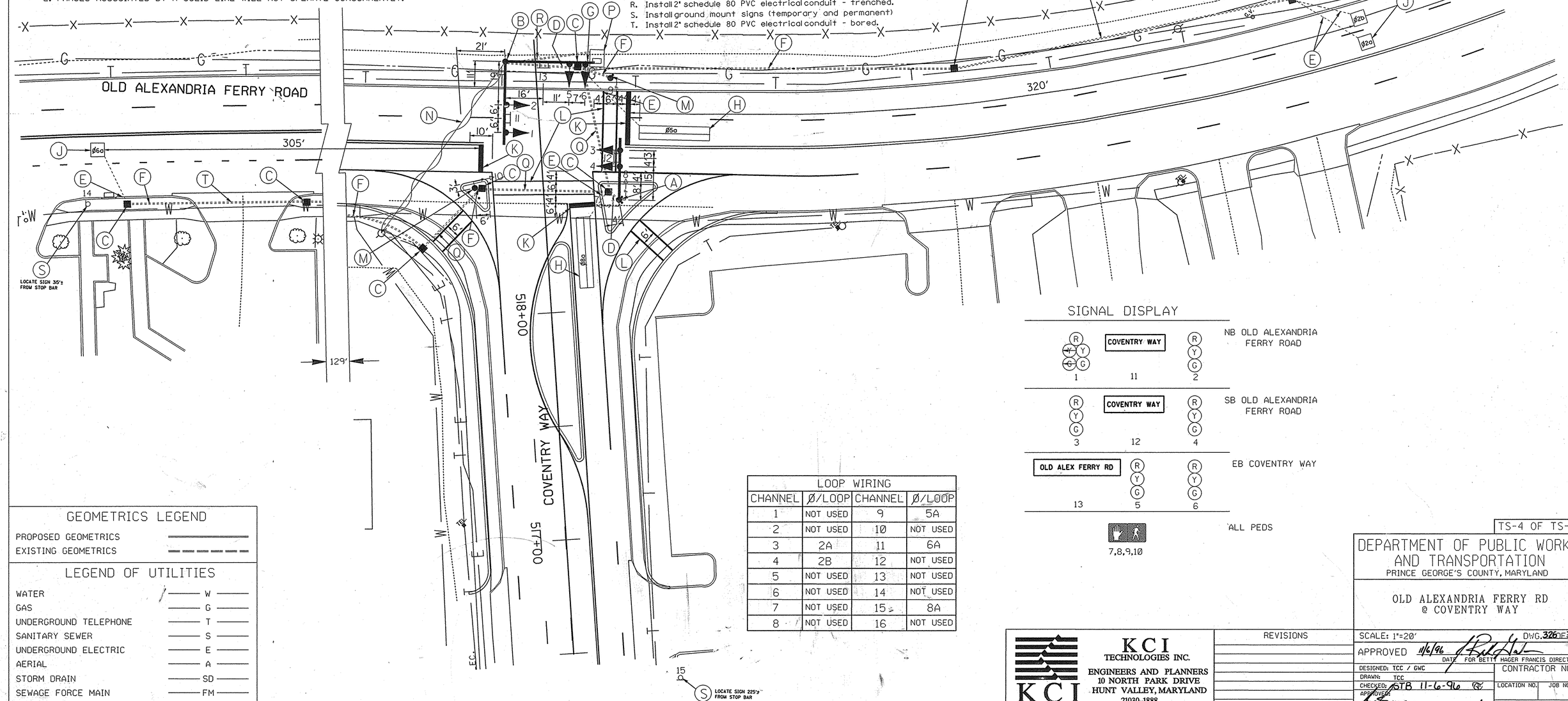
TEMPORARY SIGNS

W3-3
48"x48"

CONSTRUCTION DETAILS

A. Install 21' steel pole with 38' mast arm, signal heads, signs, and pedestrian signal heads, pedestrian pushbutton, (Note: one-3", schedule 40, 90-degree PVC conduit bend)
B. Install 21' steel pole with 50' X 50' 90-degree twin mast arm, signal heads, signs, and overhead power service. (Note: one-3" schedule 40, 90-degree PVC conduit bend)
C. Install handbox.
D. Install 3" schedule 40 PVC electrical conduit - trenched.
E. Install 1" liquid tight conduit sleeve for detector wire.
F. Install 2" schedule 40 PVC electrical conduit - trenched.
G. Install two-3" schedule 40 PVC electrical conduit - trenched.
H. Install 6' x 30' quadruple type vehicle loop detector (2-4-2 turns).
J. Install 6' x 6' vehicle loop detector (4 turns).
K. Install 24" preformed pavement marking - white for stop line.
L. Install crosswalk
M. Install 10' breakaway pedestal pole with pedestrian signal heads, signs and push buttons (NOTE: one - 2" schedule 40, 90 degree PVC conduit bend)
N. Overhead electrical service by PEPCO (POLE #830346-2941)
P. Install base mounted cabinet, controller, and all necessary equipment (Note: two-3" schedule 40, 90 degree PVC conduit bend, one-2" schedule 80, 90 degree PVC conduit bend)
Q. Install 3" schedule 80 PVC electrical conduit - slotted.
R. Install 2" schedule 80 PVC electrical conduit - trenched.
S. Install ground mount signs (temporary and permanent)
T. Install 2" schedule 80 PVC electrical conduit - bored.

SEE SHEET TS-14 FOR INTERCONNECT TO MALCOLM RD.



SIGNAL DISPLAY

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

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

OLD ALEXANDRIA FERRY RD @ COVENTRY WAY

SCALE: 1"=20'
DWG. 326 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.

M:\0194007\SPOIALEX.DGN