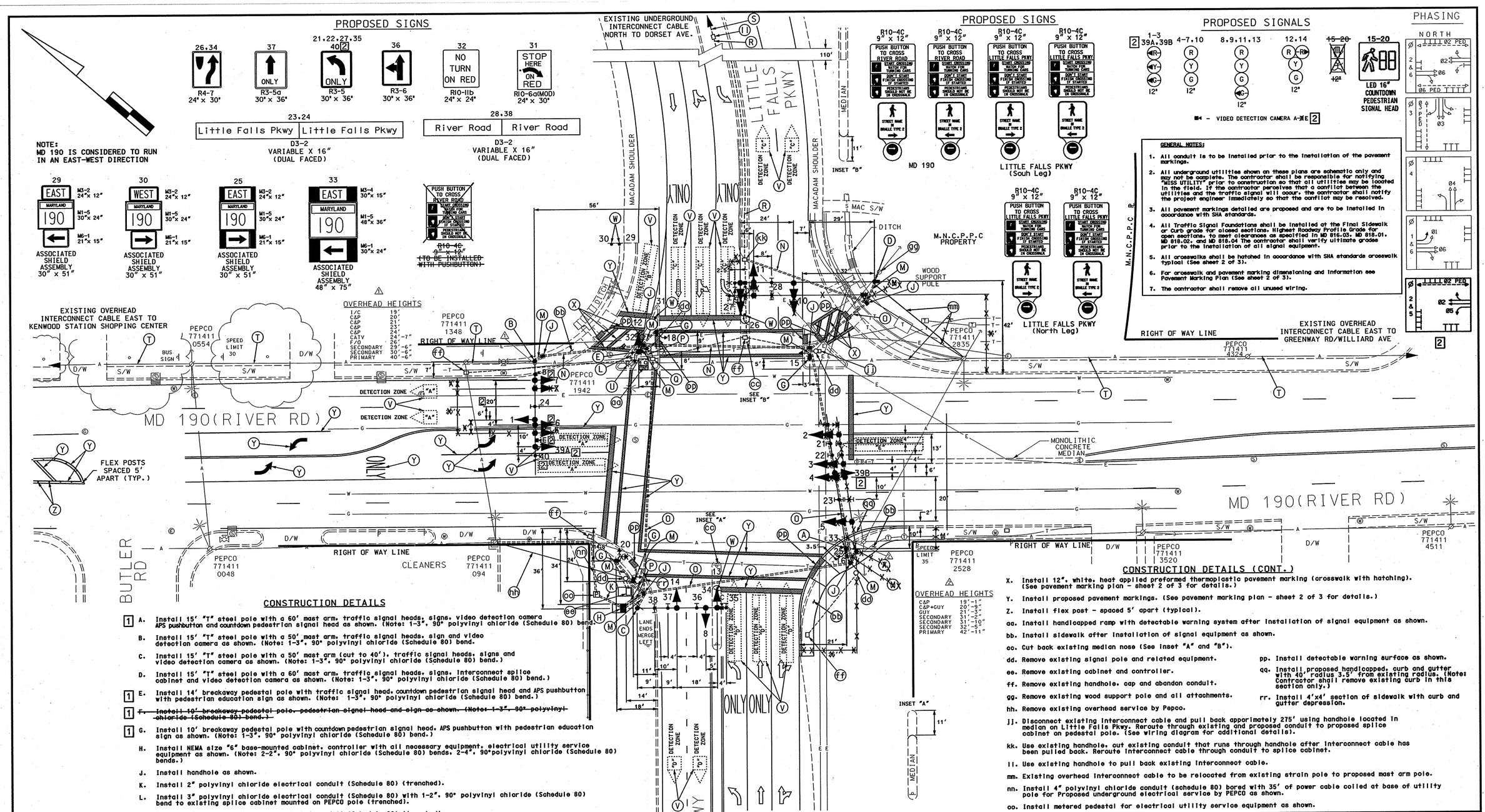

CONSTRUCTION DETAILS

1 A. Install 15' "T" steel pole with a 60' mast arm, traffic signal heads, signs, video detection camera APS pushbutton and countdown pedestrian signal head as shown. (Note: 1-3", 90° polyvinyl chloride (Schedule 80) bend.)

B. Install 15' "T" steel pole with a 50' mast arm, traffic signal heads, sign and video detection camera as shown. (Note: 1-3", 90° polyvinyl chloride (Schedule 80) bend.

C. Install 15' "T" steel pole with a 50' mast arm (cut to 40'), traffic signal heads, signs and video detection camera as shown. (Note: 1-3", 90° polyvinyl chloride (Schedule 80) bend.)

D. Install 15' "T" steel pole with a 60' mast arm, traffic signal heads, signs, interconnect splice cabinet and video detection camera as shown. (Note: 1-3", 90° polyvinyl chloride (Schedule 80) bend.)

1 E. Install 14' breakaway pedestal pole with traffic signal head, countdown pedestrian signal head and APS pushbutton with pedestrian education sign as shown. (Note: 1-3", 90° polyvinyl chloride (Schedule 80) bend.)

1 ~~F. Install 10' breakaway pedestal pole, pedestrian signal head and sign as shown. (Note: 1-3", 90° polyvinyl chloride (Schedule 80) bend.)~~

1 G. Install 10' breakaway pedestal pole with countdown pedestrian signal head, APS pushbutton with pedestrian education sign as shown. (Note: 1-3", 90° polyvinyl chloride (Schedule 80) bend.)

H. Install NEMA size "6" base-mounted cabinet, controller with all necessary equipment, electrical utility service equipment as shown. (Note: 2-2", 90° polyvinyl chloride (Schedule 80) bends. 2-4", 90°polyvinyl chloride (Schedule 80) bends.)

J. Install handhole as shown.

K. Install 2" polyvinyl chloride electrical conduit (Schedule 80) (trenched).

L. Install 3" polyvinyl chloride electrical conduit (Schedule 80) with 1-2", 90° polyvinyl chloride (Schedule 80) bend to existing splice cabinet mounted on PEPCO pole (trenched).

M. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched).

N. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (slotted).

O. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (bored).

P. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (trenched).

Q Use existing handhole.

R. Use existing conduit.

S. Existing underground interconnect cable.

T. Existing overhead interconnect cable.

U. Use existing interconnect splice cabinet on PEPCO pole.

V. Proposed video detection area

W. Install ground mounted sign as shown.(Install sleeve in median where required. Cost incidental to sign installation.)

CONSTRUCTION DETAILS (CONT.)

X. Install 12", white, heat applied preformed thermoplastic pavement marking (crosswalk with hatching). (See pavement marking plan - sheet 2 of 3 for details.)

Y. Install proposed pavement markings. (See pavement marking plan - sheet 2 of 3 for details.)

Z. Install flex post - spaced 5' apart (typical).

aa. Install handicapped ramp with detectable warning system after installation of signal equipment as shown.

bb. Install sidewalk after installation of signal equipment as shown.

cc. Cut back existing median nose (See inset "A" and "B").

dd. Remove existing signal pole and related equipment.

ee. Remove existing cabinet and controller.

ff. Remove existing handhole, cap and abandon conduit.

gg. Remove existing wood support pole and all attachments.

hh. Remove existing overhead service by Pepco.

jj. Disconnect existing interconnect cable and pull back approximately 275' using handhole located in median on Little Falls Pkwy. Reroute through existing and proposed conduit to proposed splice cabinet on pedestal pole. (See wiring diagram for additional details).

kk. Use existing handhole, cut existing conduit that runs through handhole after interconnect cable has been pulled back. Reroute interconnect cable through conduit to splice cabinet.

ll. Use existing handhole to pull back existing interconnect cable.

mm. Existing overhead interconnect cable to be relocated from existing strain pole to proposed mast arm pole.

nn. Install 4" polyvinyl chloride conduit (schedule 80) bored with 35' of power cable coiled at base of utility pole for Proposed underground electrical service by PEPCO as shown.

oo. Install metered pedestal for electrical utility service equipment as shown.

pp. Install detectable warning surface as shown.

qq. Install proposed handicapped, curb and gutter with 40' radius 3.5' from existing radius. (Note: Contractor shall remove existing curb in this section only.)

rr. Install 4'x4' section of sidewalk with curb and gutter depression.

GEOMETRIC LEGEND	
PROPOSED	
EXISTING	

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES	
AERIAL CABLE	A A
ELECTRIC	E E
TELEPHONE	T T
GAS	G G
SEWER	S S
WATER	W W
CABLE TV	TV TV

1 REDLINE REVISION 2/1/06

2 REDLINE REVISION 3/24/06
TEDD APPROVAL

REVISION "B"

STREET TRAFFIC STUDIES, LTD.
400 Crain Hwy. NW.
Glen Burnie, MD 21061
Ph (410) 590-5500
Fax (410) 590-0637
4569.dgn WT-18

REVISIONS
B 7-14-06 REBUILD TRAFFIC SIGNAL & ADD EXCLUSIVE EAST BOUND LEFT TURN PHASE SHA NO.: AT3ST5185 RRZ
A 6-12-91 ADD SIGNAL HEADS, SIGNS, LOOPS, AND ASBUILT. SHA NO.: M-651-501-377 RRZ

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION

ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, TRAFFIC & SAFETY

ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

MD 190 AND LITTLE FALLS PARKWAY

DRAWN BY: W J NIES	F.A.P. NO.		TS NO. 3180B
CHECKED BY: R R ZACHERL	S.H.A. NO.		SHEET NO.
SCALE: 1"= 20'	COUNTY: MONTGOMERY	T.I.M.S. NO. 6093	1 OF 3
DATE: 6-12-91	LOG MILE: 15019015.26		

...\0001\4569\4569redline.dgn Mar. 27, 2006 08:16:02