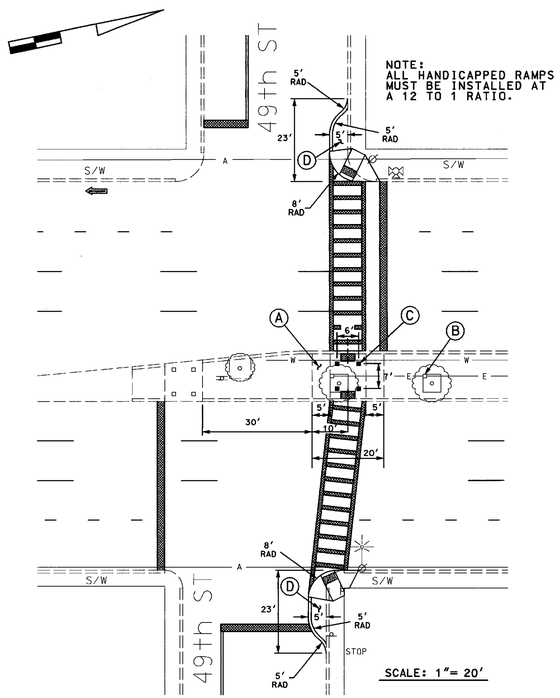
DRILL HOLES

BORDER REV: DATE: June 1, 2004



MEDIAN / BUMPOUT TYPICAL

MEDIAN / BUMPOUT CONSTRUCTION DETAILS

A. Remove 20' of the existing median including curb and gutter, ornamental brick, tree, tree pit, mounded dirt, electrical outlet in pit and cap sprinkler head in pit. Install depressed curb and gutter, and install 10' wide section of concrete sidewalk. Reinstall a 5' section of ornamental bricks on either side of the 10' wide concrete section tapered to match the existing grade of the bricks. Install 2' x 4' area with truncated domes as shown.

B. Disconnect electrical wiring traveling south in the median at this electrical outlet.

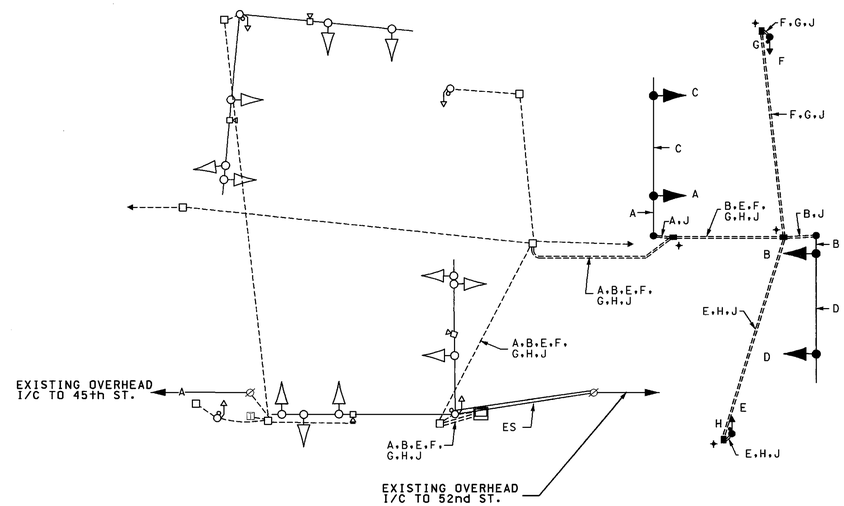
C. Install 12" x 12" wood bollards. The bollards are to be centered in the median as dimensioned. The bollards are to be ordered through Cropper Lumber Co. @ 410-835-8080. Upon installation, they are to be stained using Olympic, Navahoe Red (2-coats).

D. Remove existing curb and gutter and sidewalk and install bumpout as dimensioned. Install handicapped ramp with 2'x4' area with truncated domes as shown.

PHASE CHART

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
PHASE 1 & 5	◀G→/R	◀G→/R	R	R	R	R	R	◀G→/R	◀G→/R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW
CHANGES TO PHASES 1 & 6, 2 & 5 OR 2 & 6																					
PHASE 1 & 6	◀G→/G	◀G→/G	G	G	G	R	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW
1 & 6 CHANGE	◀Y→/G	◀Y→/G	G	G	G	R	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW
PHASE 2 & 5	R	R	R	R	R	G	G	◀G→/G	◀G→/G	G	R	R	R	R	R	DW	DW	DW	DW	DW	DW
2 & 5 CHANGE	R	R	R	R	R	G	G	◀Y→/G	◀Y→/G	G	R	R	R	R	R	DW	DW	DW	DW	DW	DW
PHASE 2 & 6	G	G	G	G	G	G	G	G	G	G	R	R	R	R	R	DW	DW	DW	DW	DW	DW
2 & 6 CHANGE	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	R	R	R	R	R	DW	DW	DW	DW	DW	DW
PHASE 4 & 8	R	R	R	R	R	R	R	R	R	R	G	G	G	G	G	DW	DW	DW	DW	DW	DW
4 & 8 CHANGE	R	R	R	R	R	R	R	R	R	R	Y	Y	Y	Y	Y	DW	DW	DW	DW	DW	DW
PHASE 4 & 8 ALT	R	R	R	R	R	R	R	R	R	R	G	G	G	G	G	WK	WK	WK	WK	WK	WK
PED CLEAR	R	R	R	R	R	R	R	R	R	R	G	G	G	G	G	FL/DW	FL/DW	FL/DW	FL/DW	FL/DW	FL/DW
4 & 8 CHANGE ALT	R	R	R	R	R	R	R	R	R	R	Y	Y	Y	Y	Y	DW	DW	DW	DW	DW	DW
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R	DARK	DARK	DARK	DARK	DARK	DARK

WIRING DIAGRAM



WIRING KEY

A } 7-CONDUCTOR ELECTRICAL
B } CABLE (NO. 14 A.W.G)

C
D } 5-CONDUCTOR ELECTRICAL
E } CABLE (NO. 14 A.W.G)
F

G } 2-CONDUCTOR ELECTRICAL
H } CABLE (NO. 14 A.W.G)

J - STRANDED BARE COPPER GROUND WIRE (NO. 6 A.W.G.)

ES- EXISTING OVERHEAD SERVICE TO BE MAINTAINED BY CONECTIV
+ - GROUND ROD

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

MD 528 (COASTAL HWY) AND 48th / 49th STREETS

SCALE NONE DATE 3-16-05 CONTRACT NO. AT3555185

DESIGNED BY R ZACHERL
DRAWN BY ROB CICCHINI
CHECKED BY
F.A.P. NO.

COUNTY WORCESTER
LOGMILE 23052805.51
TIMS NO.: G917

DRAWING NO. 1859Dgn - OF

SHEET NO. 2 OF 3

STREET TRAFFIC STUDIES, LTD.
400 Crain Hwy.NW.
Glen Burnie,MD 21061
Ph (410) 590-5500
Fax (410) 590-5537

4815.dgn D6-25

PLOTTED: @DATETIME@
FILE: @FILE@

DRILL HOLES

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