MD 45 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

EXISTING SIGNS TO REMAIN

19,20 — Dunkirk RD — D-3(1) 60"X16"

23,24 — York RD — D-3(1) 48"X16"

25 — ONE WAY — R6-1L 36"X12"

18 — SCHOOL / FINES DOUBLE — S1-1 FY 30"X30", S4-3 FY 24"X8", S4-4(1) 30"X15"

22 — DO NOT ENTER — R5-1 30"X30"

21 — R3-2 30"X30"

26 — ONE WAY — R6-1R 36"X12"

PROPOSED SIGNS

16 — ONE WAY — R6-1L 54"X18"

17 — ONE WAY — R6-1R 54"X18"

15 — DO NOT ENTER — R5-1 @ 15° 36"X36"

27,29,31,33,35 — W11-2 FY 36"X36", M6-2(1) FY 30"X24"

28,30,32,34,36 — W11-2 FY 36"X36", M6-2(1) FY 30"X24"

EXISTING LED SIGNALS TO REMAIN

1,2,3,4 — R Y G — 12"

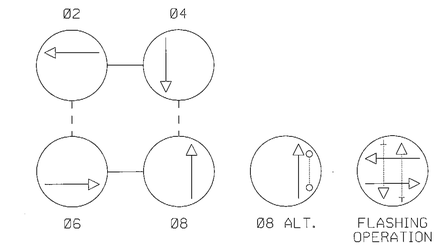
5,6,7,8 — R Y G — 8"

9,10 — Y — 12"

PROPOSED LED SIGNALS

11,12 — 16"

NEMA PHASING



NOTE:
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

PROPOSED ACCESSIBLE PUSHBUTTONS AND SIGNS

13 — YORK RD R10-3(1) 9"X15"

14 — YORK RD R10-3(1) 9"X15"

EXISTING SIGNS TO BE REMOVED

13a,14a — 9"X12"

16a — ONE WAY — 36"X12"

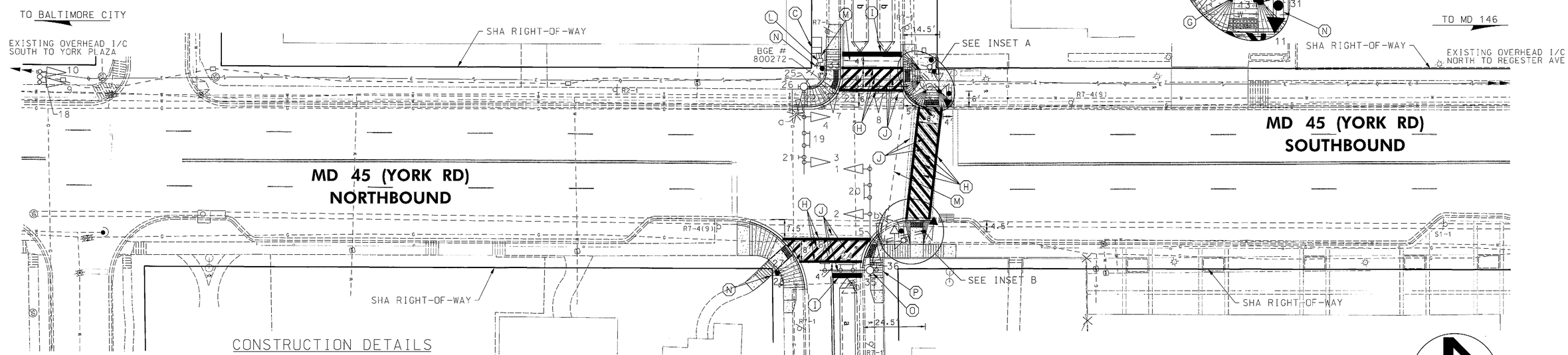
15a — DO NOT ENTER — 30"X30"

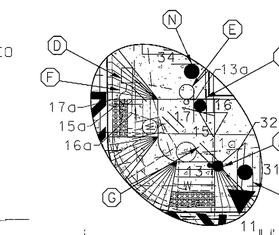
17a — ONE WAY — 36"X12"

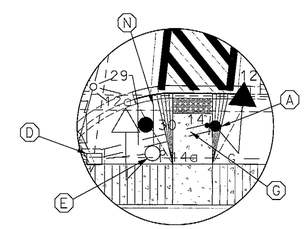
EXISTING SIGNALS TO BE REMOVED

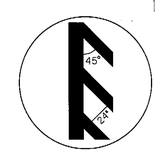
11a,12a — 16"

a,b — EXISTING VIDEO DETECTION









CROSSWALK DETAIL

CONSTRUCTION DETAILS

A. INSTALL 10 FT. BREAKAWAY PEDESTAL POLE WITH LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, APS PUSHBUTTON AND SIGN (ORIENT PARALLEL TO CROSSWALK). TOP OF FOUNDATION SHALL BE FLUSH WITH FINAL SIDEWALK GRADE. REFER TO STANDARD MD 801.01-01 FOR FOUNDATION DETAILS. NOTE: INSTALL 1-2 IN. CONDUIT BEND IN POLE BASE.

B. INSTALL GROUND MOUNTED SIGN ON 1-4"X6" WOOD SIGN SUPPORT. NOTE: SIGNS INSTALLED IN BRICK OR CONCRETE SHALL HAVE A SLEEVED FOUNDATION MEETING REQUIREMENTS IN STANDARDS MD 812.05-01 AND MD 812.05-02. A SLEEVED FOUNDATION IS INCIDENTAL TO THE WOOD SIGN SUPPORT.

C. USE EXISTING CABINET. INSTALL 2-WIRE APS CENTRAL CONTROL UNIT.

D. USE EXISTING HANDHOLE. ADJUST TO FINAL SIDEWALK GRADE.

E. REMOVE EXISTING PEDESTAL POLE, ASSOCIATED TRAFFIC SIGNAL EQUIPMENT AND SIGNS. CAP AND ABANDON EXISTING CONDUITS. REMOVE FOUNDATION 12 IN. BELOW GRADE AND BACKFILL.

F. REMOVE EXISTING GROUND MOUNTED SIGN AND SUPPORTS.

G. INSTALL 2 IN. SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.

H. INSTALL 12 IN. WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING LINE.

I. INSTALL 24 IN. WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING LINE.

J. REMOVE EXISTING PAVEMENT MARKING LINE.

K. PROPOSED VIDEO DETECTION ZONE.

L. USE EXISTING HANDHOLE.

M. USE EXISTING CONDUIT.

N. INSTALL GROUND MOUNTED SIGN ON 1-4"X6" WOOD SIGN SUPPORT. NOTE: SIGNS INSTALLED IN BRICK OR CONCRETE SHALL HAVE A SLEEVED FOUNDATION MEETING REQUIREMENTS IN STANDARDS MD 812.05-01 AND MD 812.05-02. A SLEEVED FOUNDATION IS INCIDENTAL TO THE WOOD SIGN SUPPORT.

O. USE EXISTING MAST ARM POLE. INSTALL SIGNS.

P. A DESIGN WAIVER HAS BEEN SUBMITTED FOR THE PROPOSED 44 IN. PINCH POINT BETWEEN THE EXISTING WOOD RETAINING WALL AND EXISTING MAST ARM POLE FOUNDATION.

GEOMETRIC LEGEND
- EXISTING
- PROPOSED

UTILITY LEGEND
- SD — STORM DRAIN
- G — GAS MAIN
- W — WATER MAIN
- S — SEWER MAIN
- E — ELECTRIC CABLES
- E — AERIAL CABLES
- T — TELEPHONE CABLES
- F — FIBER-OPTIC

BY: WFW

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www.rkk.com

APPROVALS: TEAM LEADER / ASST. DIV. CHIEF / DIVISION CHIEF / OFFICE DIRECTOR — ORIGINAL ON FILE

REVISIONS

B	INSTALL APS/CPS SHA NO. XY1255185 TIMS NO. L665						11-2012
A	RECONSTRUCT SIGNAL DUE TO GEOMETRIC IMPROVEMENTS SHA NO. BA3125183 TIMS NO. D963						03-2003
SWA	DJD	RAL	DAD	BK	TH		

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 45 (YORK ROAD) AT DUNKIRK ROAD

TOWSON, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1"=20' DATE ____ CONTRACT NO. ____

DESIGNED BY ____ COUNTY BALTIMORE
DRAWN BY ____ LOGMILE 03004500.34
CHECKED BY ____ TIMS NO. ____
FAP NO. ____ TOD NO. ____

TS NO. 4232B | DRAWING SP-1 OF 6 | SHEET NO. 1 OF 9

PLOTTED: Monday, November 26, 2012 AT 12:02 PM
FILE: \\shem\v2008\2008\08148_todoes\Task 142_MD 45 Stoneleigh\CADD\pSG-0001_MD45@Dunkirk.dgn