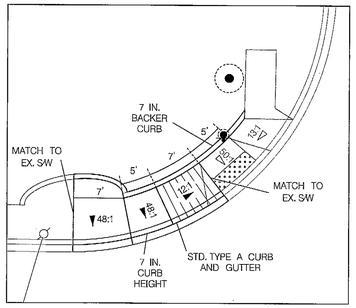
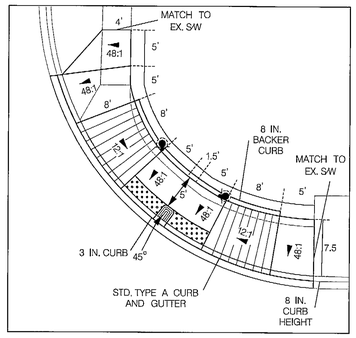
ADA SIDEWALK RAMP DETAILS

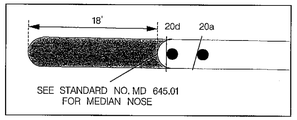
SW CORNER – 1" = 10'



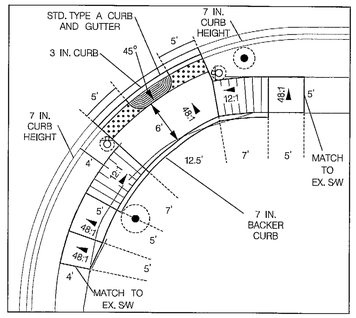
NW CORNER – 1" = 10'



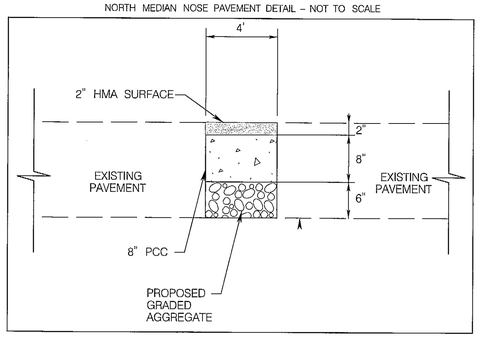
NORTH MEDIAN NOSE – 1" = 10'



NE CORNER – 1" = 10'



NORTH MEDIAN NOSE PAVEMENT DETAIL – NOT TO SCALE



DETECTABLE WARNING SURFACE CLAY BRICK PAVERS MD 655.40

EQUIPMENT LIST 'A'

EQUIPMENT TO BE FURNISHED BY THE SHA.

CATEGORY CODE	QUANTITY	DESCRIPTION
900000	1 EA	CONTROLLER CABINET, SIZE "S" W/CTRL, VIDEO INT. 1-8 CAM
900000	10 SF	SHEET ALUMINUM GROUND MOUNTED SIGN:
		2 EA - R4-7(1) (18 IN. x 30 IN.)
		1 EA - OM1-3 (18 IN. x 18 IN.)
900000	159 SF	SHEET ALUMINUM MAST ARM/POLE MOUNTED SIGN:
		2 EA - D-3(1) (96 IN. x 16 IN.) "LOCH RAVEN BLVD" DUAL FACED
		1 EA - D-3(1) (96 IN. x 16 IN.) "GLENDALE RD" DUAL FACED
		1 EA - D-3(1) (96 IN. x 16 IN.) "DEANWOOD RD" DUAL FACED
		1 EA - M1-5(6) (30 IN. x 48 IN.) "SOUTH, MD 542, RIGHT ARROW"
		1 EA - M1-5(6) (30 IN. x 48 IN.) "NORTH, MD 542, RIGHT ARROW"
		1 EA - M1-5(6) (48 IN. x 72 IN.) "SOUTH, MD 542, LEFT ARROW"
		1 EA - M1-5(6) (48 IN. x 72 IN.) "NORTH, MD 542, LEFT ARROW"
		2 EA - R10-3(1) (9 IN. X 15 IN.) "PUSH BUTTON TO CROSS LOCH RAVEN BLVD"
		2 EA - R10-3(1) (9 IN. X 15 IN.) "PUSH BUTTON TO CROSS GLENDALE RD"
		2 EA - R10-3(1) (9 IN. X 15 IN.) "PUSH BUTTON TO CROSS DEANWOOD RD"
900000	2 EA	4 CHANNEL DETECTOR AMPLIFIER

EQUIPMENT LIST 'B'

EQUIPMENT TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR.

CATEGORY CODE	QUANTITY	DESCRIPTION
100000	1 EA	MAINTENANCE OF TRAFFIC (PER INTERSECTION)
201032	2 CY	CLASS 2 EXCAVATION
203030	3 CY	TEST PIT EXCAVATION
500000	9 SY	8 INCH PORTLAND CEMENT CONCRETE FOR DRIVEWAY MIX 9
504150	1 TON	HOT MIX ASPHALT SUPERPAVE 9.5MM FOR SURFACE, PG76-22, LEVEL-3
520109	18 SY	3 INCH GRADED AGGREGATE BASE COURSE
585619	20 LF	5 INCH YELLOW PREFORMED THERMOPLASTIC PAVEMENT MARKING LINES
585621	460 LF	12 INCH WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LINES
585625	150 LF	24 INCH WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LINES
585700	425 LF	REMOVAL OF EXISTING PAVEMENT MARKING LINES, ANY WIDTH
600000	100 LF	TYPE A COMBINATION CURB AND GUTTER ANY HEIGHT OR DEPTH
600000	90 LF	TYPE A CURB ANY HEIGHT OR DEPTH
600000	45 SF	DETECTABLE WARNING SURFACE FOR CURB RAMPS (TYPE 3 BRICK PAVERS)
655105	900 SF	5 INCH CONCRETE SIDEWALK
800000	6 EA	8 INCH LED VEHICULAR TRAFFIC SIGNAL HEAD SECTION
800000	1 EA	2-WIRE APS CENTRAL CONTROL UNIT
800000	1 EA	ADJUST HANDHOLE TO GRADE AND REPLACE FRAME AND COVER
800000	3 EA	AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON STATION AND SIGNS
800000	6 EA	16 INCH LED COUNTDOWN PEDESTRIAN SIGNAL HEAD
800000	6 EA	IP-BASED VIDEO DETECTION CAMERA & ANY LENGTH LEAD-IN CABLE
800000	3 EA	5 FOOT OR 10 FOOT PEDESTAL POLE WITH BREAKAWAY COUPLINGS, FOUNDATION & GROUND ROD
800000	1 EA	MAST ARM POLE & 38' MAST ARM ANY 'T' DIMENSION, FOUNDATION & GROUND ROD
800000	1 EA	MAST ARM POLE & 60' MAST ARM ANY 'T' DIMENSION, FOUNDATION & GROUND ROD
800000	1 EA	TWIN MAST ARM POLE & 50'/70' MAST ARMS ANY 'T' DIMENSION, FOUNDATION & GROUND ROD
800000	1 EA	100 AMP EMBEDDED METERED SERVICE PEDESTAL, CONCRETE COLLAR & GROUND RODS
800000	1 EA	REMOVE & DISPOSE OF EXISTING SIGNAL EQUIPMENT (PER SIGNALIZED INTERSECTION LOCATION)
800000	1 EA	INSTALL CONTROLLER AND CABINET BASE MOUNT (ANY SIZE) INCLUDING F&I FOUNDATION & GROUND ROD
800000	1,600 LF	DISCONNECT, PULL-BACK & REROUTE CABLES
800000	345 LF	UP TO 4 INCH SCHEDULE 80 RIGID PVC CONDUIT - BORED OR SLOTTED
800000	185 LF	UP TO 4 INCH SCHEDULE 80 RIGID PVC CONDUIT-TRENCHED
800000	45 LF	WOOD SIGN SUPPORTS UP TO 4 INCH X 6 INCH
800000	169 SF	INSTALL OVERHEAD OR GROUND MOUNTED SIGN (INCLUDING ALL HARDWARE)
800000	1 EA	THIRD PARTY CONCRETE TESTING (PER INTERSECTION)
802501	475 LF	NO. 6 AWG STRANDED BARE COPPER GROUND WIRE
810022	35 LF	ELECTRICAL CABLE 1-CONDUCTOR NO. 8 AWG-THHN/THWN
811001	4 EA	FURNISH AND INSTALL ELECTRICAL HANDHOLE
860284	38 EA	12 INCH LED VEHICULAR TRAFFIC SIGNAL HEAD SECTION
861105	910 LF	ELECTRICAL CABLE - 2 CONDUCTOR (NO. 14 AWG)
861107	950 LF	ELECTRICAL CABLE - 5 CONDUCTOR (NO. 14 AWG)
861108	1,600 LF	ELECTRICAL CABLE - 7 CONDUCTOR (NO. 14 AWG)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
PHASE 1 AND 5	G/R	G/R	R	G/R	G/R	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW
PHASE 1 AND 5 CHANGE TO 1 AND 6, 2 AND 5, OR 2 AND 6																		
PHASE 1 AND 6	G/G	G/G	G	R	R	R	R	R	R	R	R	R	DW	WK	WK	DW	DW	DW
PHASE 1 CHANGE	Y/G	Y/G	G	R	R	R	R	R	R	R	R	R	DW	WK	WK	DW	DW	DW
PHASE 2 AND 5	R	R	R	G/G	G/G	G	R	R	R	R	R	R	WK	DW	DW	WK	DW	DW
PHASE 5 CHANGE	R	R	R	Y/G	Y/G	G	R	R	R	R	R	R	WK	DW	DW	WK	DW	DW
PHASE 2 AND 6	G	G	G	G	G	G	R	R	R	R	R	R	WK	WK	WK	WK	DW	DW
PED CLEARANCE	G	G	G	G	G	G	R	R	R	R	R	R	FL/DW	FL/DW	FL/DW	FL/DW	DW	DW
PHASE 2 AND 6 CHANGE	Y	Y	Y	Y	Y	Y	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW
PHASE 4 AND 8	R	R	R	R	R	R	G	G	G	G	G	G	DW	DW	DW	DW	DW	DW
PHASE 4 AND 8 CHANGE	R	R	R	R	R	R	Y	Y	Y	Y	Y	Y	DW	DW	DW	DW	DW	DW
PHASE 4 AND 8 ALT	R	R	R	R	R	R	G	G	G	G	G	G	DW	DW	DW	DW	WK	WK
PED CLEARANCE	R	R	R	R	R	R	G	G	G	G	G	G	DW	DW	DW	DW	FL/DW	FL/DW
PHASE 4 AND 8 ALT CHANGE	R	R	R	R	R	R	Y	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/R	FL/R	FL/R	FL/R	FL/R	FL/R	DARK	DARK	DARK	DARK	DARK	DARK

EQUIPMENT LIST 'C'

EQUIPMENT TO BE REMOVED AND RETURNED TO SHA.

CATEGORY CODE	QUANTITY	DESCRIPTION
800000	6 EA	VIDEO DETECTION CAMERA

STV
STV Incorporated
7125 Ambassador Road, Suite 200
Baltimore, MD 21244
www.stvinc.com

BY: tarnovk –

SHA

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 542 (LOCH RAVEN BOULEVARD)
AND GLENDALE ROAD / DEANWOOD ROAD
LOCH RAVEN, MARYLAND

GENERAL INFORMATION SHEET (2 OF 2)

SCALE NONE ADVERTISED DATE 02/2013 CONTRACT NO. XY1515185

DESIGNED BY KXT
DRAWN BY KXT
CHECKED BY SDY
F.A.P. NO.

COUNTY BALTIMORE
LOGMILE 030054200.41
TIMS NO. L825
TOD NO.

TS NO. 2007E-GI2 | DRAWING SG-03 OF 03 | SHEET NO. 03 OF 03

PLOTTED: Wednesday, February 06, 2013 AT 03:52 PM
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