PROJECT DESCRIPTION

GENERAL

THIS PROJECT INVOLVES THE MODIFICATION OF THE EXISTING TRAFFIC CONTROL SIGNAL AT THE INTERSECTION OF MD 198 AND VAN DUSEN ROAD IN PRINCE GEORGE'S COUNTY. EXISTING LOOP DETECTION ON THE SIDE STREETS AND MAIN LINE LEFT TURNS ARE TO BE REPLACED WITH VIDEO DETECTION EQUIPMENT AND RELATED ZONES. LOOP DETECTION ON MD 198 MAIN LINES IS TO REMAIN.

MD 198 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION.

INTERSECTION OPERATION

THE INTERSECTION CURRENTLY OPERATES IN A SIX PHASE FULLY-ACTUATED MODE WITH EXCLUSIVE LEFT TURN PHASES FOR E.B. AND W.B. MD 198 AND SPLIT SIDE STREET PHASING. AN ALTERNATE PEDESTRIAN PHASE EXISTS ACROSS THE EAST LEG OF MD 198 AND PRE-EMPTION PHASING FOR ALL APPROACHES.

PROJECT CONTACTS

CONTACT PERSONS FOR SHA DISTRICT 3:

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ASSISTANT DISTRICT ENGINEER-TRAFFIC
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ASSISTANT DISTRICT ENGINEER-MAINTENANCE
PHONE: 301-513-7304

MR. VICTOR GRAFTON
UTILITY ENGINEER
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CONTACT PERSONS FOR SHA OFFICE OF TRAFFIC AND SAFETY:

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CHIEF, TRAFFIC OPERATIONS
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MR. ROBERT SNYDER
ASSISTANT DIVISION CHIEF, TRAFFIC OPERATIONS
410-787-7630

MR. ED RODENHIZER
MANAGER, SIGNAL OPERATIONS
410-787-7650

MS. DARLENE EIDE
SUPPLY OFFICER IV (SIGNAL SHOP WAREHOUSE)
PHONE: 410-787-7668

PHASE CHART

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
PHASE 1 AND 5	←G–	←G–	R	R	←G–	←G–	R	R	R	R	R	R	DW	DW	←G–
1 AND 5 CHANGE TO PHASES 1 AND 6 OR 2 AND 5 OR 2 AND 6															
PHASE 1 AND 6	←G–	←G–	G	G	←R–	←R–	R	R	R	R	R	R	DW	DW	←G–
1 AND 6 CHANGE	←Y–	←Y–	G	G	←R–	←R–	R	R	R	R	R	R	DW	DW	←Y–
PHASE 2 AND 5	←R–	←R–	R	R	←G–	←G–	G	G	R	R	R	R	DW	DW	←R–
2 AND 5 CHANGE	←R–	←R–	R	R	←Y–	←Y–	G	G	R	R	R	R	DW	DW	←R–
PHASE 2 AND 6	←R–	←R–	G	G	←R–	←R–	G	G	R	R	R	R	DW	DW	←R–
2 AND 6 CHANGE	←R–	←R–	Y	Y	←R–	←R–	Y	Y	R	R	R	R	DW	DW	←R–
PHASE 3	←R–	←R–	R	R	←R–	←R–	R	R	G ←G–	G	R	R	DW	DW	←R–
3 CHANGE	←R–	←R–	R	R	←R–	←R–	R	R	Y	Y	R	R	DW	DW	←R–
PHASE 3 ALT	←R–	←R–	R	R	←R–	←R–	R	R	G ←G–	G	R	R	WK	WK	←R–
PED CLEARANCE	←R–	←R–	R	R	←R–	←R–	R	R	G ←G–	G	R	R	FL/DW	FL/DW	←R–
PHASE 3 ALT	←R–	←R–	R	R	←R–	←R–	R	R	Y	Y	R	R	DW	DW	←R–
PHASE 4	←R–	←R–	R	R	←R–	←R–	R	R	R	R	G ←G–	G	DW	DW	←R–
4 CHANGE	←R–	←R–	R	R	←R–	←R–	R	R	R	R	Y	Y	DW	DW	←R–
PREMPTION 1	←R–	←R–	R	R	←R–	←R–	R	R	G ←G–	G	R	R	DW	DW	←R–
PREMPTION 2	←R–	←R–	R	R	←R–	←R–	R	R	R	R	G ←G–	G	DW	DW	←R–
PREMPTION 3	←R–	←R–	R	R	←G–	←G–	G	G	R	R	R	R	DW	DW	←R–
PREMPTION 4	←G–	←G–	G	G	←R–	←R–	R	R	R	R	R	R	DW	DW	←G–
FLASHING OPERATION	FL/R	FL/R	FL/Y	FL/Y	FL/R	FL/R	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	DARK	DARK	FL/R

EQUIPMENT LIST

A. EQUIPMENT TO BE SUPPLIED BY THE SHA.

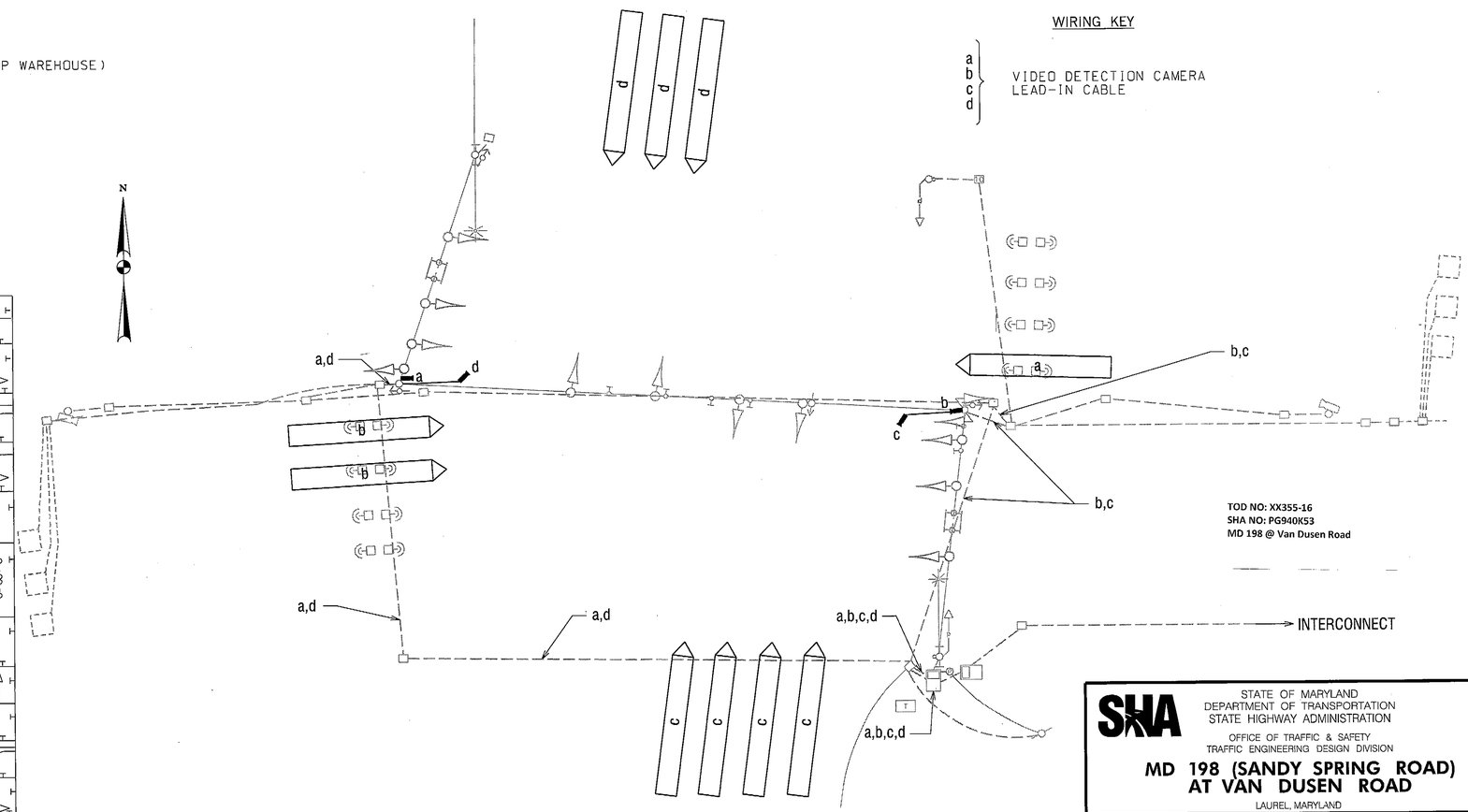
ITEM CODE	QTY	UNITS	DESCRIPTION
9086	1	EA	VIDEO DETECTION INTERFACE EQUIPMENT: 1-4 CAMERAS

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR.

ITEM CODE	QTY	UNITS	DESCRIPTION
1003	1	EA	MAINTENANCE OF TRAFFIC PER ASSIGNMENT
8003	2	EA	CLAMP ON VIDEO CAMERA ARM
8006	1	EA	REMOVE & DISPOSE OF MATERIAL & EQUIPMENT PER ASSIGNMENT
8007	4	EA	VIDEO DETECTION CAMERA & CABLE

C. ALL OTHER MATERIALS TO BE REMOVED BY THE CONTRACTOR SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

WIRING DIAGRAM



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

MD 198 (SANDY SPRING ROAD) AT VAN DUSEN ROAD

LAUREL, MARYLAND

GENERAL INFORMATION SHEET

SCALE 1"=20' DATE 11/1/10 CONTRACT NO. XX3555168

DESIGNED BY S. WILKENING
DRAWN BY D. SCHEEL
CHECKED BY A. MORRIS
F.A.P. NO.

COUNTY PRINCE GEORGE'S
LOGMILE 16019802.19
T.I.M.S. NO. K474
TOD NO.

TS NO. TS-242L | DRAWING NO. | OF | SHEET NO. 2 OF 2

T3 design
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BY: AMYM

PLOTTED: Thursday, December 02, 2010 AT 10:59 AM
FILE: Z:\Project\10-0169-14 MD 198_Van Dusen\CADD\pSG-P002_MD 198.dgn