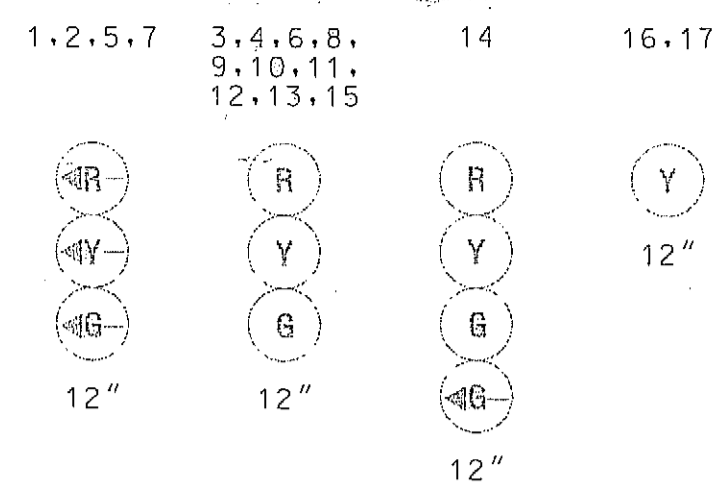


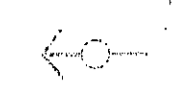
MD 197 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

**EXISTING SIGNALS**



**EXISTING OPTICOM DETECTOR EYE**

26, 27

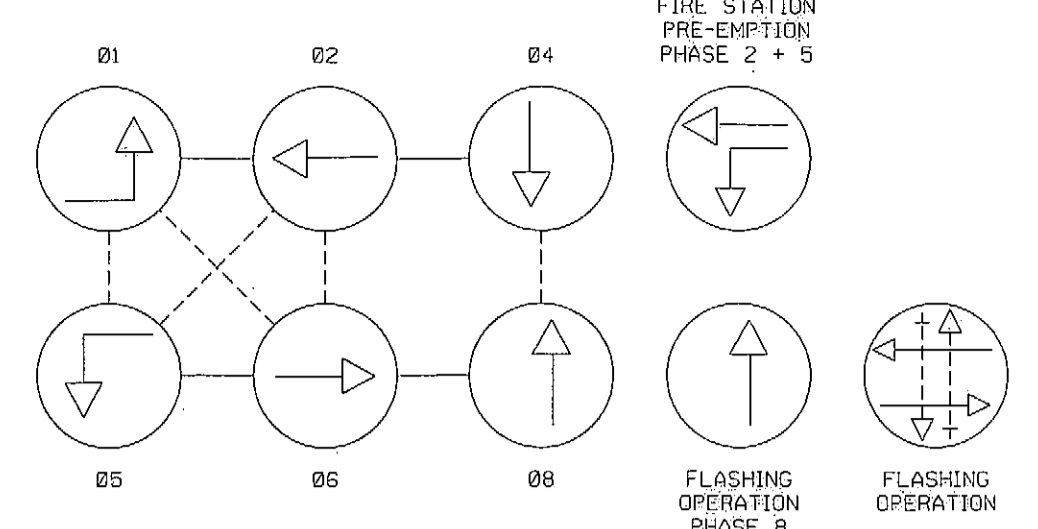


**PROPOSED VIDEO DETECTION CAMERAS**

a, b, c, d

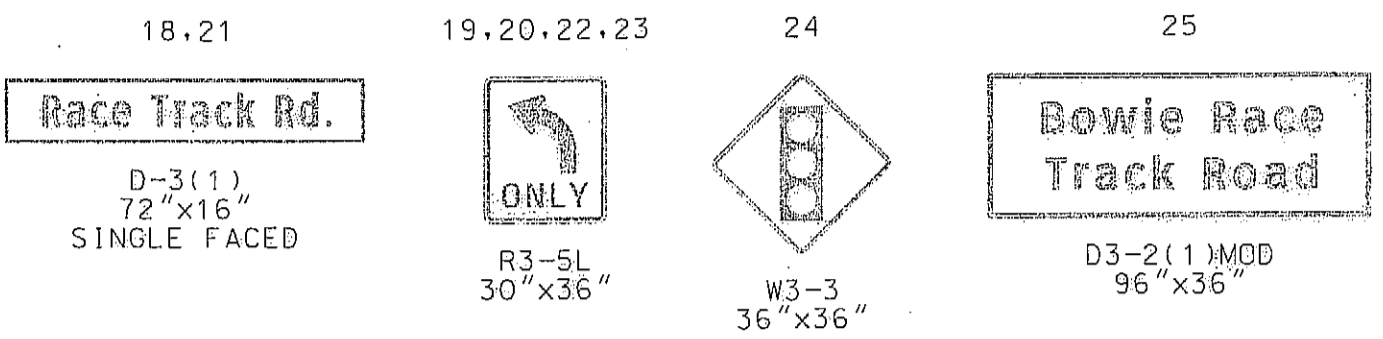


**NEMA PHASING**



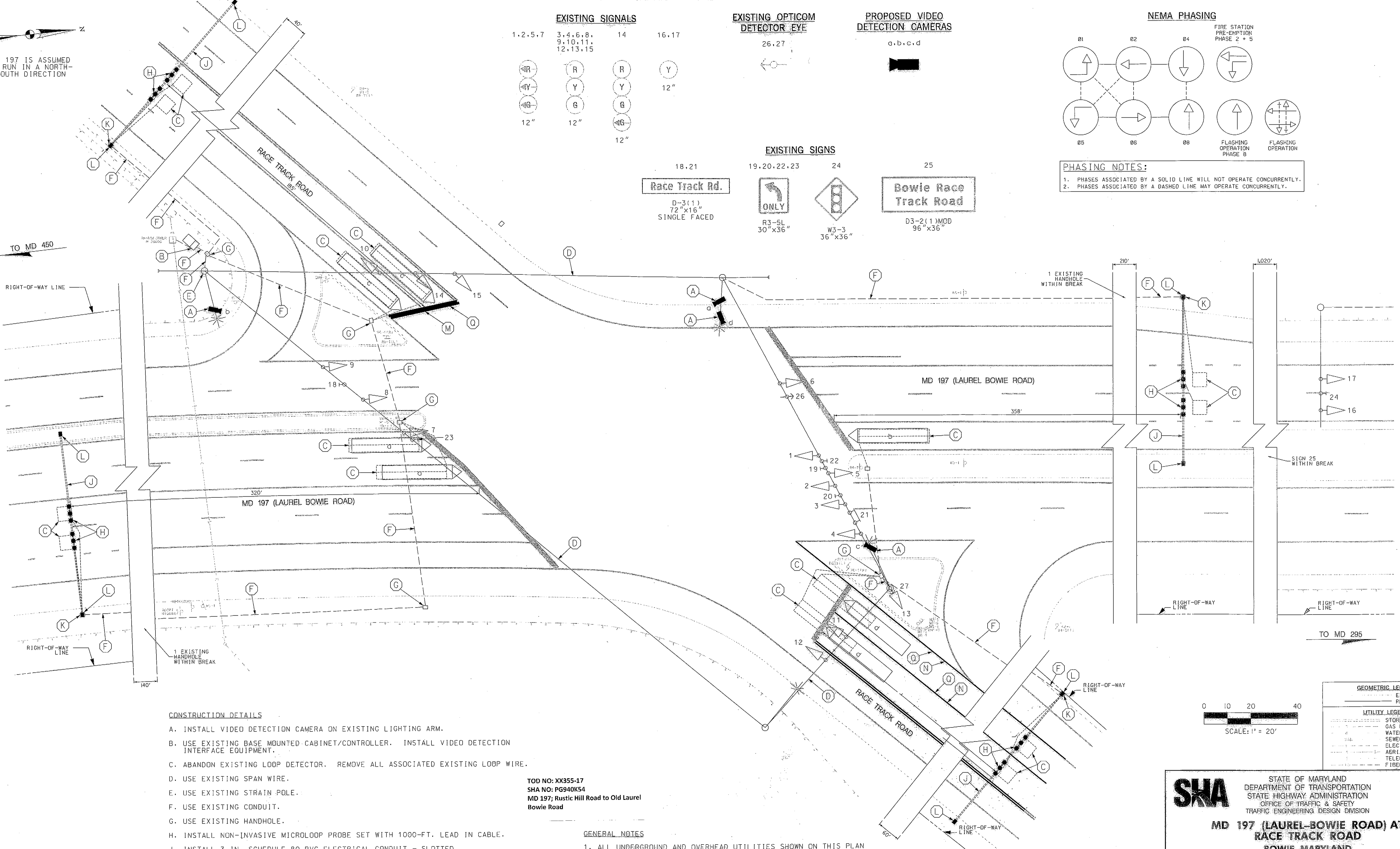
**PHASING NOTES:**  
 1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.  
 2. PHASES ASSOCIATED BY A DASHED LINE MAY OPERATE CONCURRENTLY.

**EXISTING SIGNS**



TO MD 450

RIGHT-OF-WAY LINE



TO MD 295

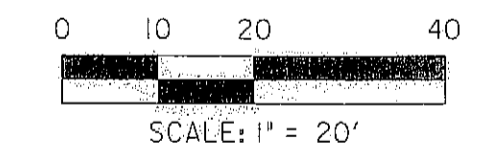
**CONSTRUCTION DETAILS**

- A. INSTALL VIDEO DETECTION CAMERA ON EXISTING LIGHTING ARM.
- B. USE EXISTING BASE MOUNTED CABINET/CONTROLLER. INSTALL VIDEO DETECTION INTERFACE EQUIPMENT.
- C. ABANDON EXISTING LOOP DETECTOR. REMOVE ALL ASSOCIATED EXISTING LOOP WIRE.
- D. USE EXISTING SPAN WIRE.
- E. USE EXISTING STRAIN POLE.
- F. USE EXISTING CONDUIT.
- G. USE EXISTING HANDHOLE.
- H. INSTALL NON-INVASIVE MICROLOOP PROBE SET WITH 1000-FT. LEAD IN CABLE.
- J. INSTALL 3 IN. SCHEDULE 80 PVC ELECTRICAL CONDUIT - SLOTTED.
- K. REMOVE EXISTING HANDHOLE.
- L. INSTALL HANDHOLE (PLACE PERPENDICULAR TO TRAVEL LANE).
- M. INSTALL 24 INCH WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR STOP LINE.
- N. INSTALL 5 INCH SOLID WHITE HEAT APPLIED PERMANENT PAVEMENT LINE MARKING FOR LANE LINE/EDGE LINE.
- P. REMOVE EXISTING PAVEMENT LINE MARKING.

TOD NO: XX355-17  
 SHA NO: PG940K54  
 MD 197; Rustic Hill Road to Old Laurel  
 Bowie Road

**GENERAL NOTES**

1. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THIS PLAN ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO THE CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
2. VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND SHALL PROPERLY LABEL EACH CABLE. ALL UNUSED SIGNAL CABLE SHALL BE PROPERLY REMOVED AND DISPOSED.



**GEOMETRIC LEGEND**

--- EXISTING  
 --- PROPOSED

**UTILITY LEGEND**

--- STORM DRAIN  
 --- GAS MAIN  
 --- WATER MAIN  
 --- SEWER MAIN  
 --- ELECTRIC CABLES  
 --- AERIAL CABLES  
 --- TELEPHONE CABLES  
 --- FIBER-OPTIC

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

**MD 197 (LAUREL-BOWIE ROAD) AT  
 RACE TRACK ROAD  
 BOWIE, MARYLAND**

**TRAFFIC SIGNALIZATION PLAN**

SCALE: 1" = 20' DATE: \_\_\_\_\_ CONTRACT NO.: \_\_\_\_\_

DESIGNED BY: \_\_\_\_\_ COUNTY: \_\_\_\_\_  
 DRAWN BY: DBD LOGMILE: 16019705.76  
 CHECKED BY: \_\_\_\_\_ T.I.M.S. NO.: \_\_\_\_\_  
 F.A.P. NO.: \_\_\_\_\_ T.O.D. NO.: \_\_\_\_\_

T.S. NO. 3110C SG-01 OF SG-02 SHEET NO. 1 OF 2

**APPROVALS**

TEAM LEADER \_\_\_\_\_  
 ASST. DIV. CHIEF \_\_\_\_\_  
 DIVISION CHIEF \_\_\_\_\_  
 OFFICE DIRECTOR \_\_\_\_\_

*ORIGINAL ON FILE*

**REVISIONS**

① REPLACE LOOP DETECTION WITH VIDEO DETECTION 04/08/11  
 SHA NO. XX355-17  
 TIME NO. 0072

② INSTALL MICROLOOP PROBES, CONDUIT, HULL DUE TO WIDENING WB RACE TRACK RD. 12/20/11  
 SHA NO. BW268062

③ INSTALL OPTICOM DETECTOR EYE BB MD 197WB RACE TRACK 098

DBD

**McCormick  
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 Since 1946 Taylor**

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