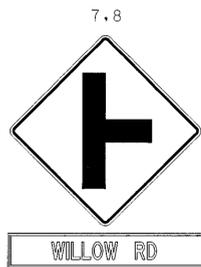
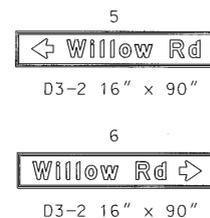


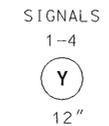
EXISTING SIGNS



PROPOSED SIGNS



PROPOSED SIGNALS



US 15 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

TO FREDERICK

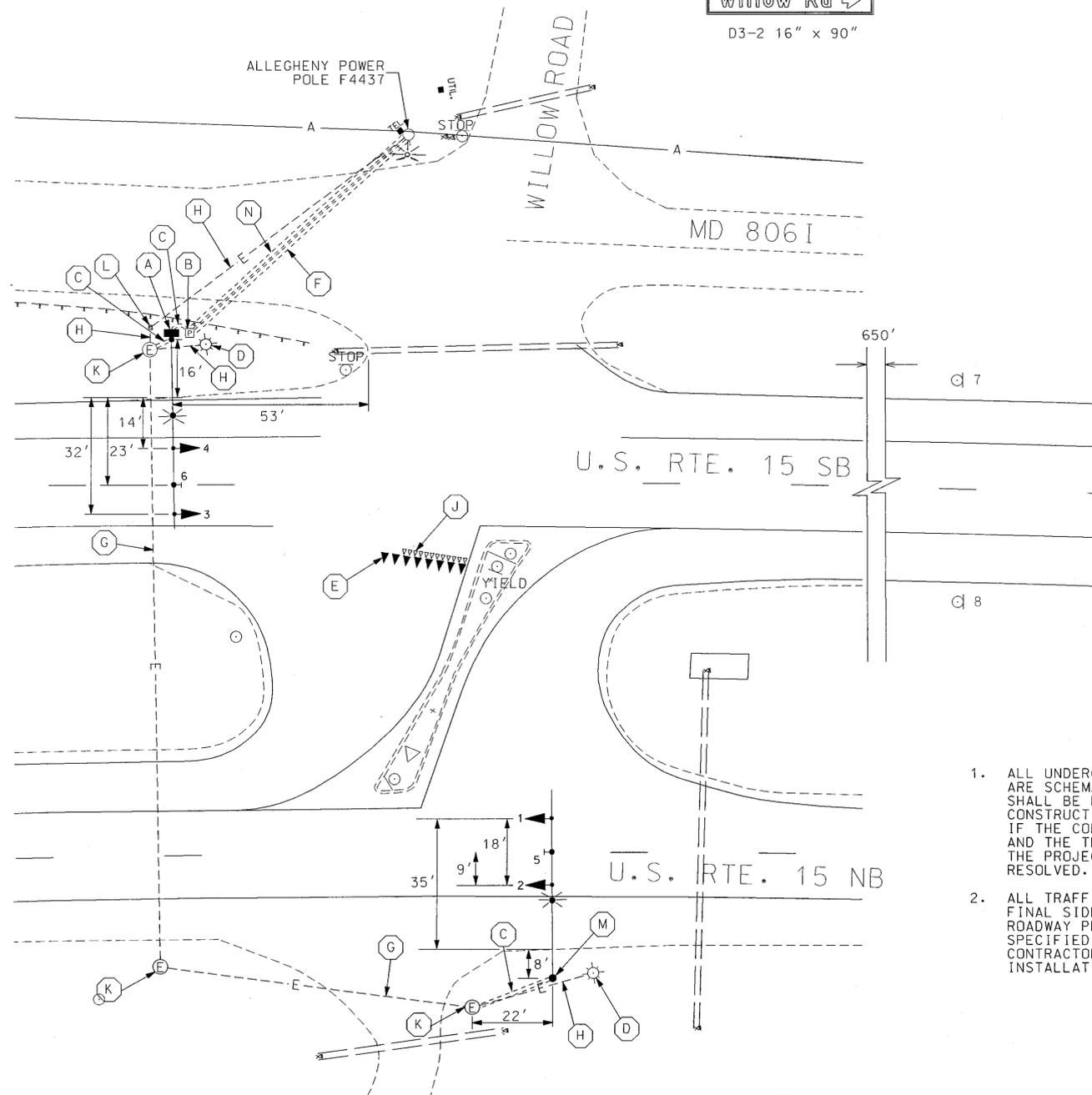
TO THURMONT

CONSTRUCTION DETAILS

- (A) Furnish and install 27' steel pole with 50' mast arm, 250 Watt high pressure sodium lamp and luminaire with photocell, 20' lighting arm, 12" vehicular traffic signal heads, sign, controller and cabinet. (Note: 1 - 3" Schedule 80, 90 degree PVC electrical conduit bend in pole base).
- (B) Install metered service pedestal (200 amp).
- (C) Furnish and install 3" schedule 80 rigid PVC conduit - trenched.
- (D) Remove light pole and foundation to 1' under final grade.
- (E) Furnish and install 36" x 24" shark's teeth pavement markings.
- (F) Furnish and install 3" schedule 80 rigid PVC conduit - bored. (Proposed underground electrical service). Stub existing conduit at base of utility pole.
- (G) Use existing conduit.
- (H) Abandon existing conduit.
- (J) Remove pavement markings.
- (K) Use existing manhole.
- (L) Remove existing meter, wood post and disconnect switch.
- (M) Furnish and install 27' steel pole with 50' mast arm, 250 Watt high pressure sodium lamp and luminaire with photocell, 20' lighting arm, 12" vehicular traffic signal heads and sign.
- (N) Furnish and install 2" schedule 80 rigid PVC conduit - bored. (Proposed phone drop).

UTILITY LEGEND

- G — GAS MAIN
- W — WATER MAIN
- S — SEWER MAIN
- E — ELECTRIC CABLES
- A — AERIAL CABLES
- T — TELEPHONE CABLES



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 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. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS. HIGHEST ROADWAY PROFILE FOR OPEN SECTIONS, TO MEET CLEARANCES AS SPECIFIED IN MD 818.01, MD 818.02, AND MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.

RK & K
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 81 MOSHER STREET
 BALTIMORE, MARYLAND 21217
 TEL: (410) 728-2900 FAX: (410) 383-3270

| REVISIONS | APPROVALS |
|-----------|--|
| | <i>Amy K. Beale</i> Aug 19, 2004 TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION |
| | <i>[Signature]</i> 8/19/04 ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION |
| | <i>[Signature]</i> 8/19/04 CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION |
| | <i>[Signature]</i> 8/19/04 DIRECTOR, TRAFFIC & SAFETY |

SKA MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
 Office of Traffic & Safety
 TRAFFIC ENGINEERING DESIGN DIVISION
 U.S. 15 AND WILLOW ROAD
 FREDERICK, MARYLAND

| | | | |
|-----------------------|-----------------------|-------------------|-----------|
| DRAWN BY: GWT | F.A.P. NO. | TS NO. | SHEET NO. |
| CHECKED BY: BLB | S.H.A. NO. AT3585185 | 434 | |
| SCALE: 1"=20' | COUNTY: FREDERICK | T.I.M.S. NO. G213 | 1 OF 2 |
| DATE: AUGUST 15, 2004 | LOG MILE: 10001517.07 | | |