



ROUTE NJ 27 NB

ROUTE NJ 27 SB

MATCH LINE - ROUTE NJ 27
SEE PLAN SHEET 06-2

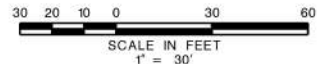


EXISTING FLASHING BEACON TO BE MAINTAINED



TYPICAL PEDESTRIAN SCALE LIGHT POLE
NTS

- DESIGN CONSIDERATIONS
1. RIGHT OF WAY LINES SHOWN ARE BASED ON GIS INFORMATION
 2. RIGHT OF WAY INFORMATION INDICATES THE NEED TO ACQUIRE ONE PERMANENT SIDEWALK EASEMENT AND TWO TEMPORARY SIDEWALK EASEMENTS
 3. DUE TO THE ADDITION OF CURB ALONG RT 27 SB SWM TO BE EVALUATED & DRAINAGE TO BE DESIGNED DURING THE DESIGN PHASE
 4. DUE TO THE ADDITION OF CURB ALONG RT 27 SB AND THE POTENTIAL NEED FOR INLETS AND DRAINAGE PIPE, THE POTENTIAL EXISTS FOR UNDERGROUND UTILITY CONFLICTS ALONG THE SOUTHBOUND SIDE
 5. ONE HISTORIC DISTRICT IS LOCATED WITHIN THE PROJECT CORRIDOR, SIX MILE RUN HISTORIC DISTRICT
 6. THE PROJECT LIES WITHIN REVIEW ZONE B OF THE DELAWARE RARITAN CANAL



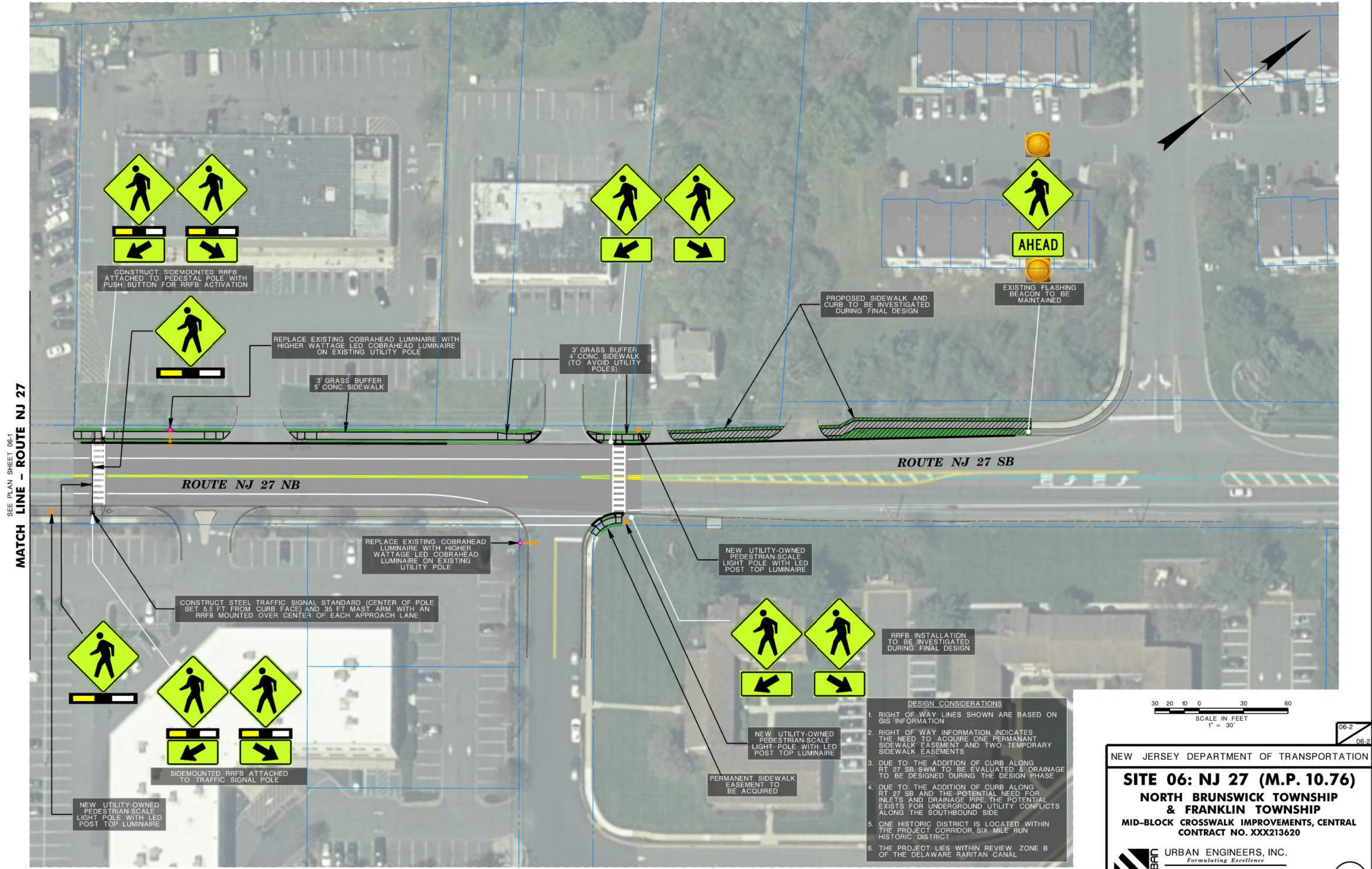
PRELIMINARY PREFERRED ALTERNATIVE

NEW JERSEY DEPARTMENT OF TRANSPORTATION
SITE 06: NJ 27 (M.P. 10.76)
NORTH BRUNSWICK TOWNSHIP
& FRANKLIN TOWNSHIP
MID-BLOCK CROSSWALK IMPROVEMENTS, CENTRAL CONTRACT NO. XXX213620

URBAN ENGINEERS, INC.
Formulating Excellence
220 Lake Drive East, Suite 300
Cherry Hill, NJ 08002
(856) 663-5550 Fax (856) 663-4836

06-1
06-2





SEE PLAN SHEET 06-1
MATCH LINE - ROUTE NJ 27

CONSTRUCT SIDEMOUNTED RRFB ATTACHED TO PEDESTAL POLE WITH PUSH BUTTON FOR RRFB ACTIVATION

REPLACE EXISTING COBRAHEAD LUMINAIRE WITH HIGHER WATTAGE LED COBRAHEAD LUMINAIRE ON EXISTING UTILITY POLE

3' GRASS BUFFER 5' CONC. SIDEWALK

3' GRASS BUFFER 4' CONC. SIDEWALK (TO AVOID UTILITY POLES)

PROPOSED SIDEWALK AND CURB TO BE INVESTIGATED DURING FINAL DESIGN

EXISTING FLASHING BEACON TO BE MAINTAINED

ROUTE NJ 27 NB

ROUTE NJ 27 SB

REPLACE EXISTING COBRAHEAD LUMINAIRE WITH HIGHER WATTAGE LED COBRAHEAD LUMINAIRE ON EXISTING UTILITY POLE

CONSTRUCT STEEL TRAFFIC SIGNAL STANDARD (CENTER OF POLE SET 5.5 FT FROM CURB FACE) AND 35 FT MAST ARM WITH AN RRFB MOUNTED OVER CENTER OF EACH APPROACH LANE

NEW UTILITY-OWNED PEDESTRIAN-SCALE LIGHT POLE WITH LED POST TOP LUMINAIRE

RRFB INSTALLATION TO BE INVESTIGATED DURING FINAL DESIGN

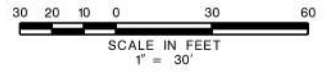
NEW UTILITY-OWNED PEDESTRIAN-SCALE LIGHT POLE WITH LED POST TOP LUMINAIRE

SIDEMOUNTED RRFB ATTACHED TO TRAFFIC SIGNAL POLE

NEW UTILITY-OWNED PEDESTRIAN-SCALE LIGHT POLE WITH LED POST TOP LUMINAIRE

PERMANENT SIDEWALK EASEMENT TO BE ACQUIRED

- DESIGN CONSIDERATIONS**
1. RIGHT OF WAY LINES SHOWN ARE BASED ON GIS INFORMATION
 2. RIGHT OF WAY INFORMATION INDICATES THE NEED TO ACQUIRE ONE PERMANENT SIDEWALK EASEMENT AND TWO TEMPORARY SIDEWALK EASEMENTS
 3. DUE TO THE ADDITION OF CURB ALONG RT 27 SB, SWM TO BE EVALUATED & DRAINAGE TO BE DESIGNED DURING THE DESIGN PHASE
 4. DUE TO THE ADDITION OF CURB ALONG RT 27 SB AND THE POTENTIAL NEED FOR INLETS AND DRAINAGE PIPE, THE POTENTIAL EXISTS FOR UNDERGROUND UTILITY CONFLICTS ALONG THE SOUTHBOUND SIDE
 5. ONE HISTORIC DISTRICT IS LOCATED WITHIN THE PROJECT CORRIDOR, SIX MILE RUN HISTORIC DISTRICT
 6. THE PROJECT LIES WITHIN REVIEW ZONE B OF THE DELAWARE RARITAN CANAL



PRELIMINARY PREFERRED ALTERNATIVE

NEW JERSEY DEPARTMENT OF TRANSPORTATION

SITE 06: NJ 27 (M.P. 10.76)
NORTH BRUNSWICK TOWNSHIP & FRANKLIN TOWNSHIP
 MID-BLOCK CROSSWALK IMPROVEMENTS, CENTRAL CONTRACT NO. XXX213620

URBAN ENGINEERS, INC.
Formulating Excellence

220 Lake Drive East, Suite 300
 Cherry Hill, NJ 08002
 (856) 663-5550 Fax: (856) 663-4836