

Community Advisory Committee #7

I-295/I-76/Route 42 Direct Connection

Camden County

June 9, 2005

Presented by NJ Department of Transportation



AGENDA

**INTRODUCTIONS
AND GREETING**

Jody Barankin
NJDOT

REVIEW OF ALTERNATIVES

Craig Johnson
Dewberry

**REVIEW OF
TES STATUS**

Ileana S. Ivanciu
Dewberry



INTRODUCTION

- **Progress since the last meeting**
 - ✓ **Engineering to define designs**
 - ✓ **Technical environmental studies**
- **Coordination with specific agencies in areas, such as:**
 - ✓ **Cultural resources**
 - ✓ **Natural resources**
 - ✓ **Environmental Justice**
 - ✓ **Air and Noise**



ALTERNATIVES REVIEW

Craig Johnson
Dewberry

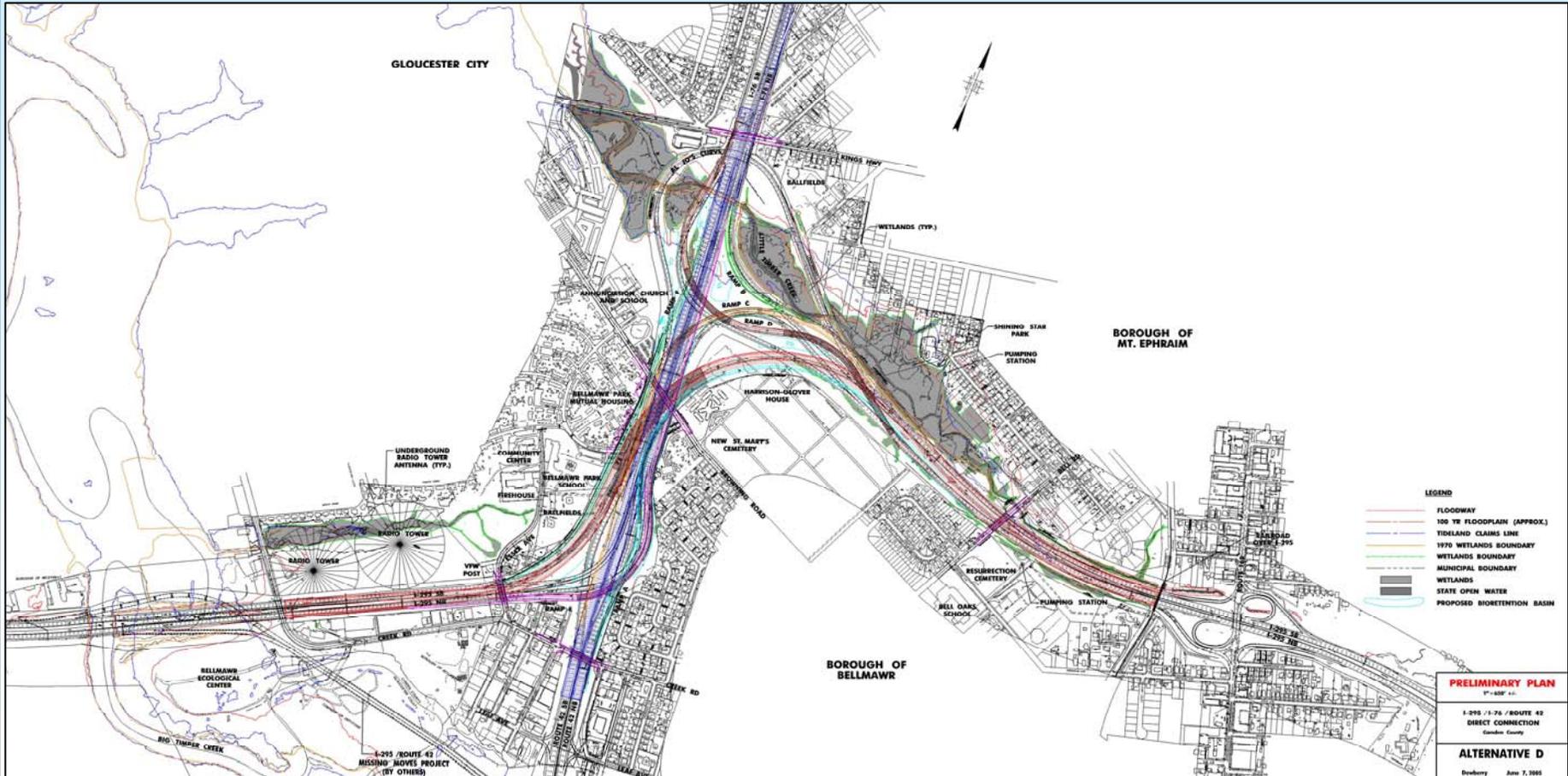


➤ **Review of selected alternatives designs:**

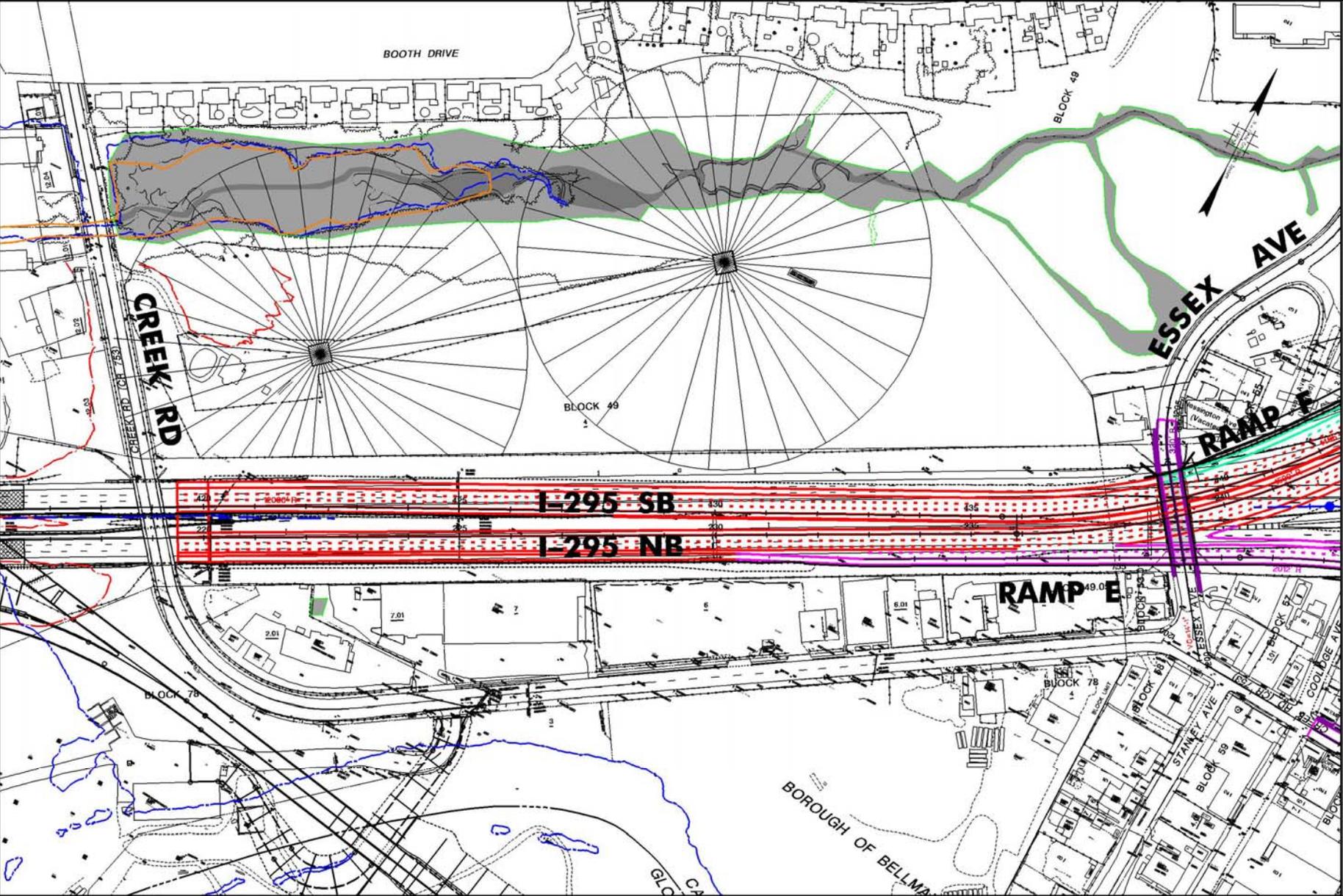
- ^ **Alternative D**
- ^ **Alternative D1**
- ^ **Alternative G1**
- ^ **Alternative H2**
- ^ **Alternative K**



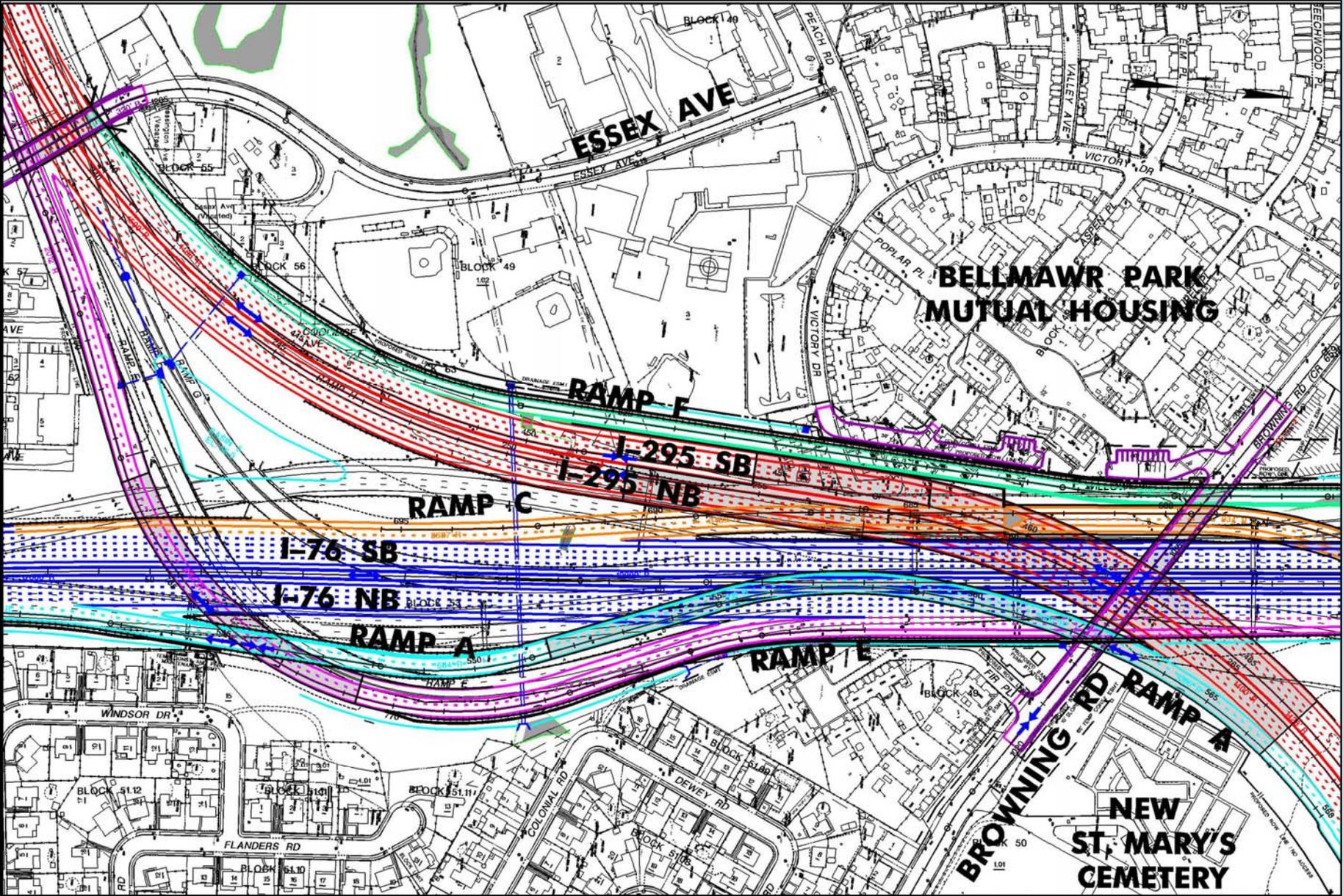
ALTERNATIVE D



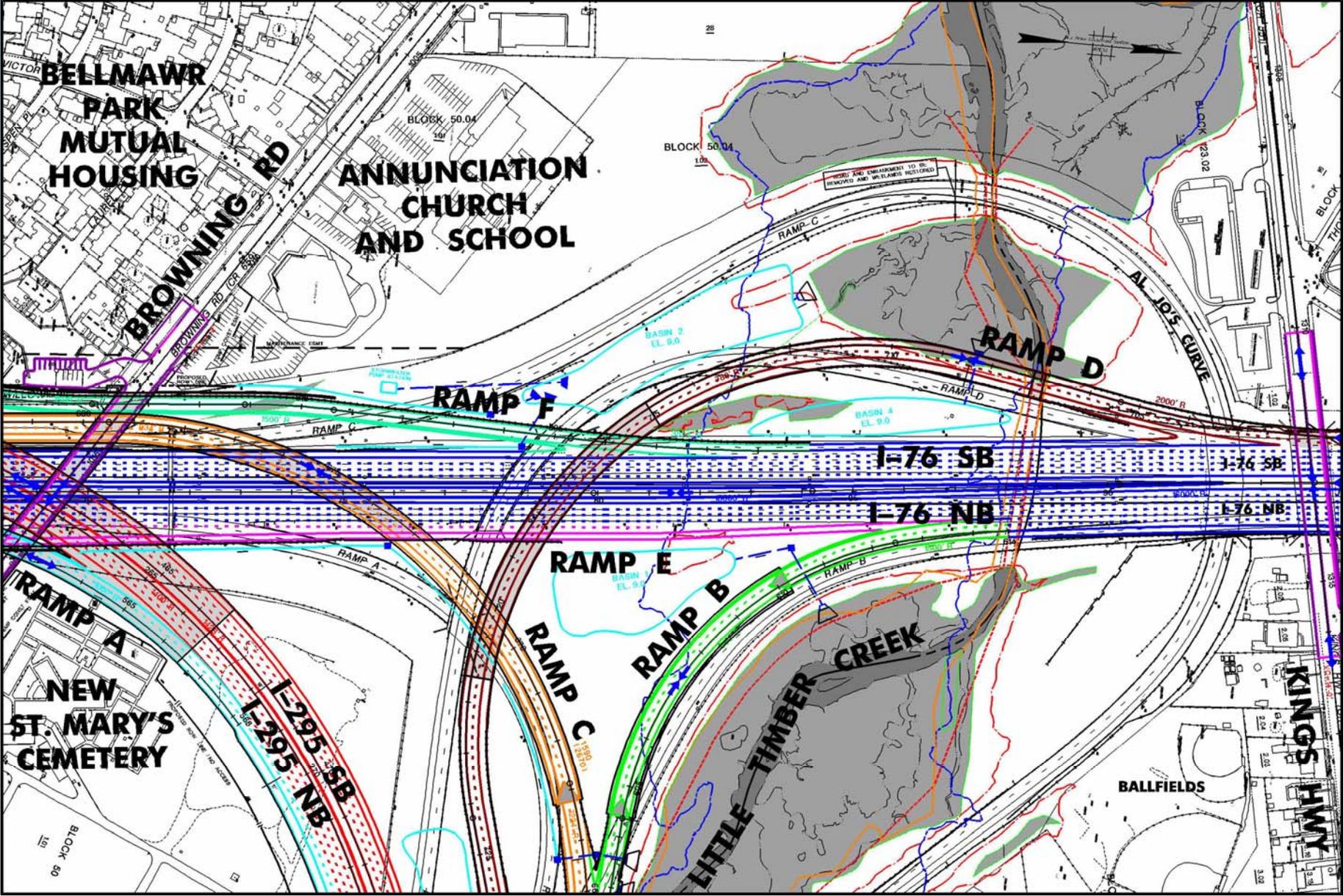
ALTERNATIVE D



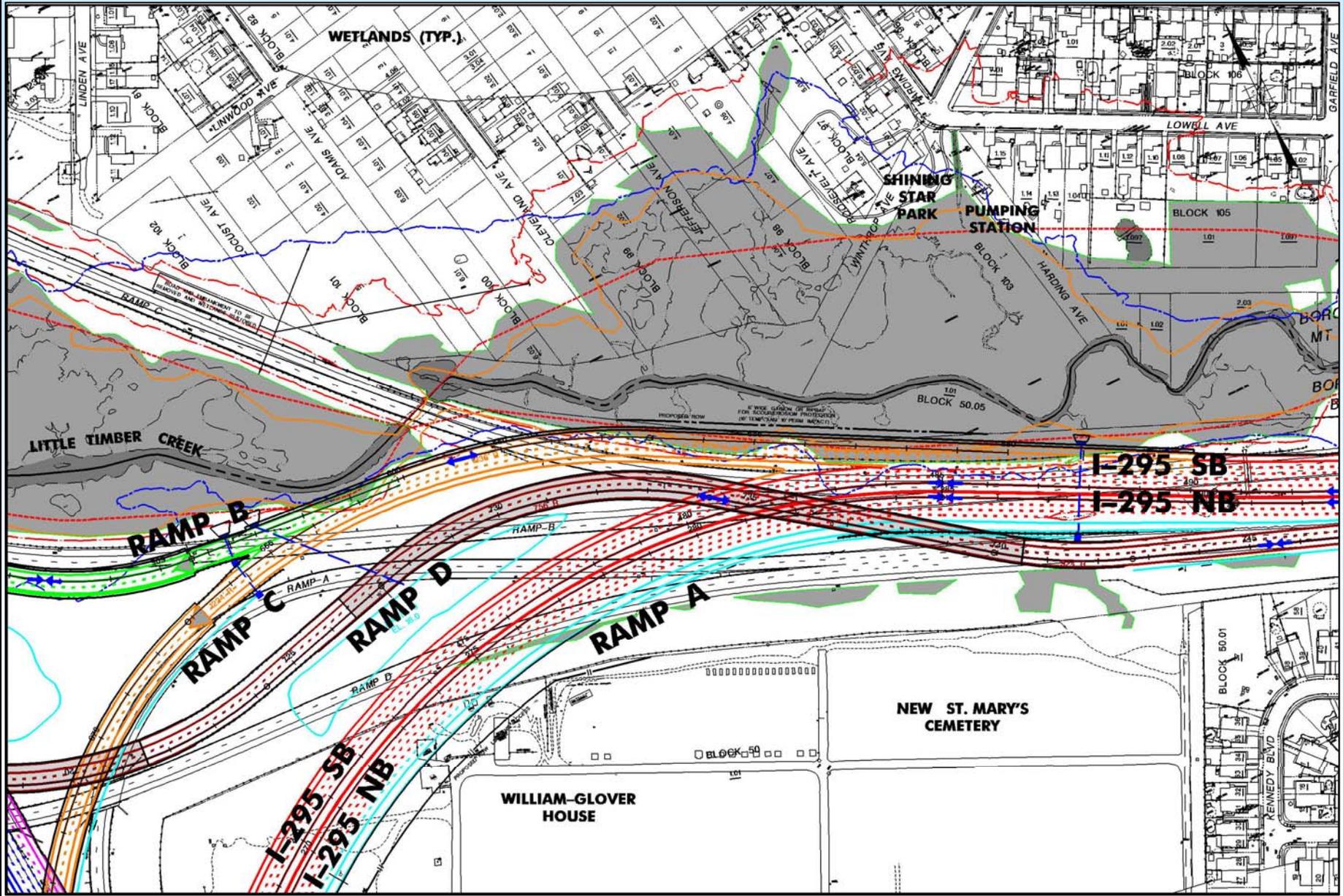
ALTERNATIVE D



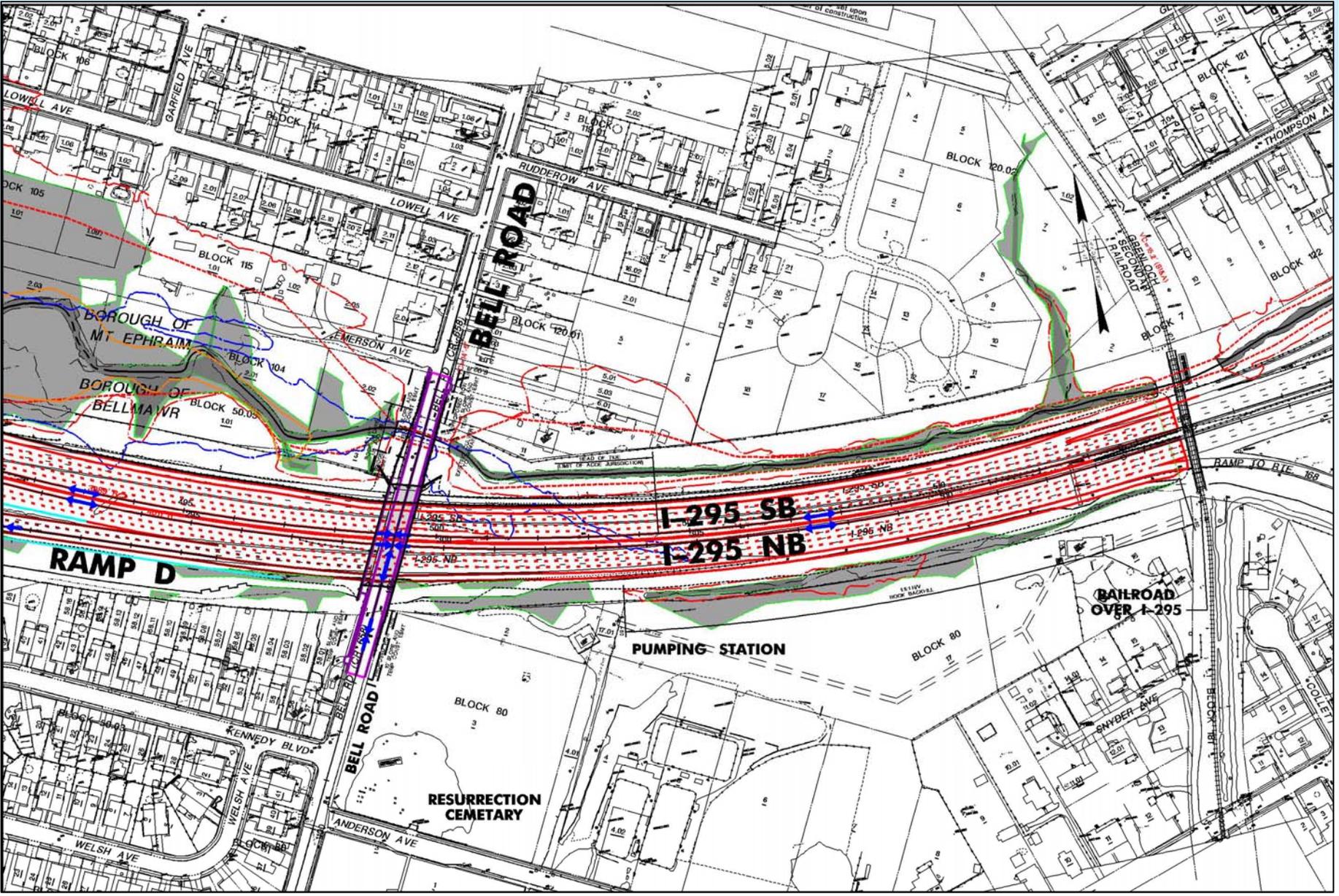
ALTERNATIVE D



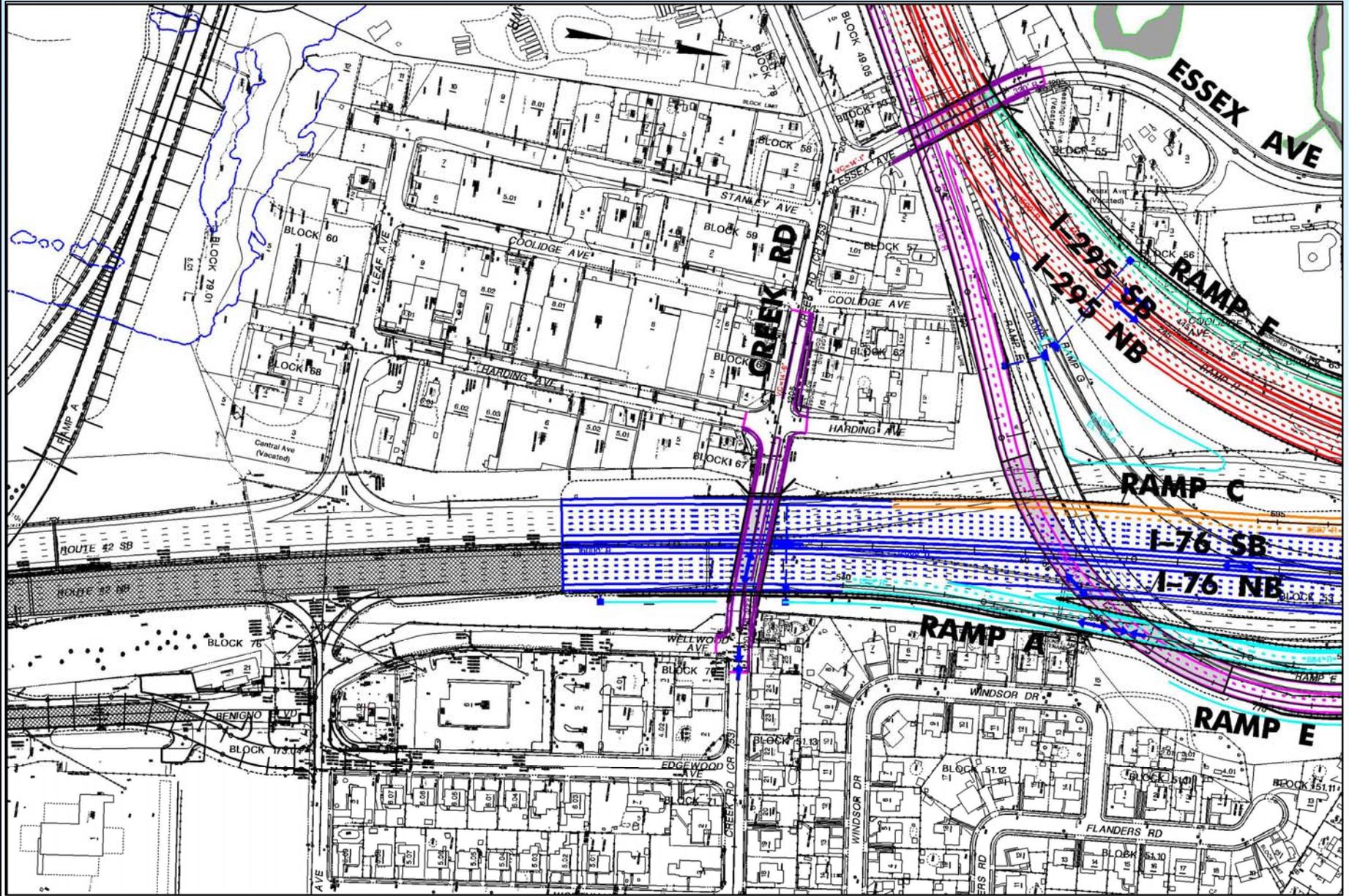
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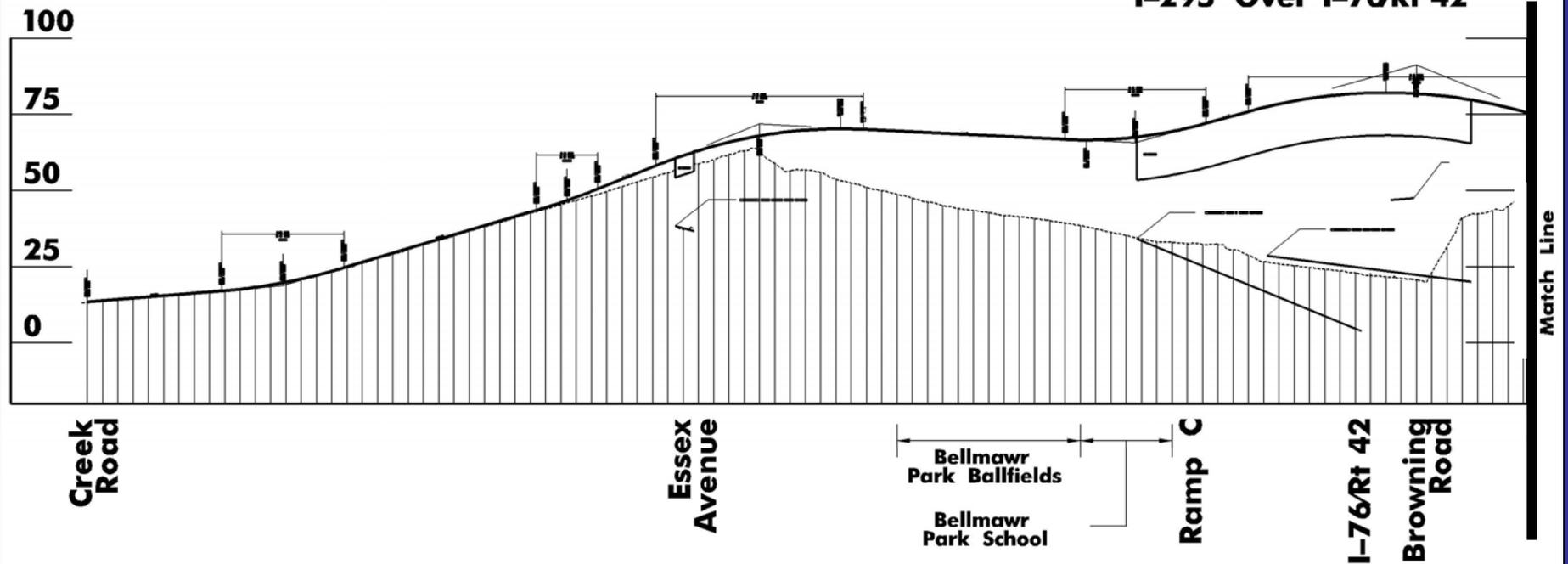
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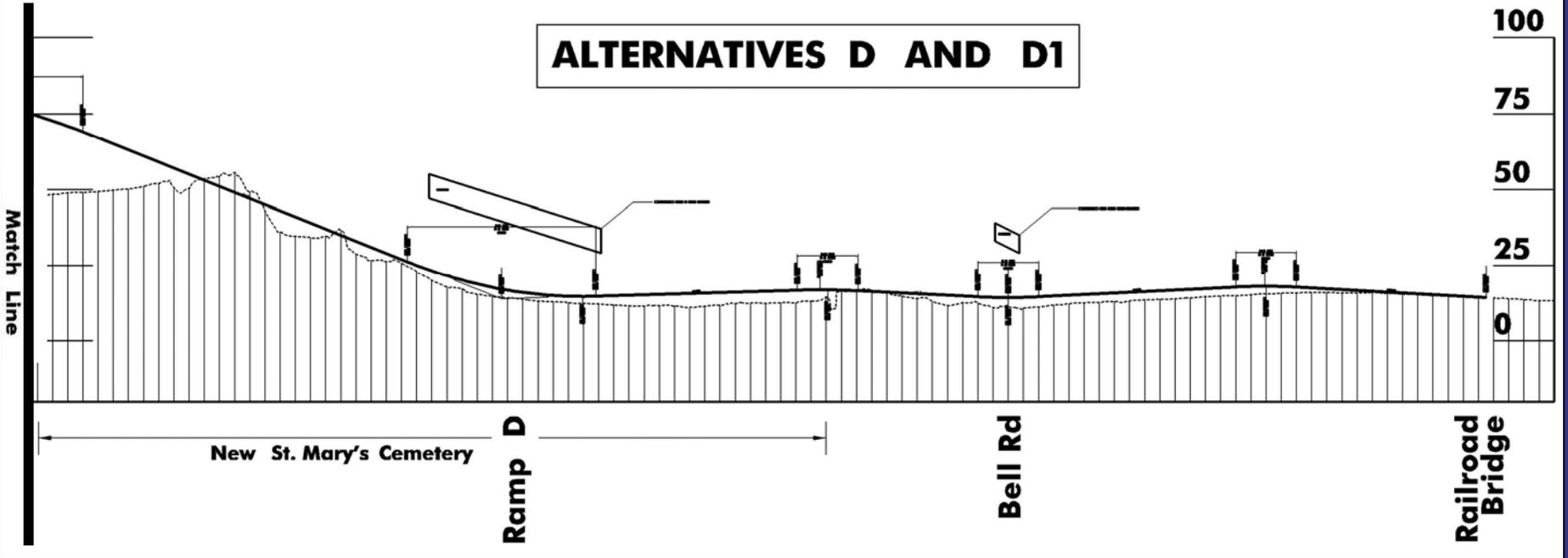
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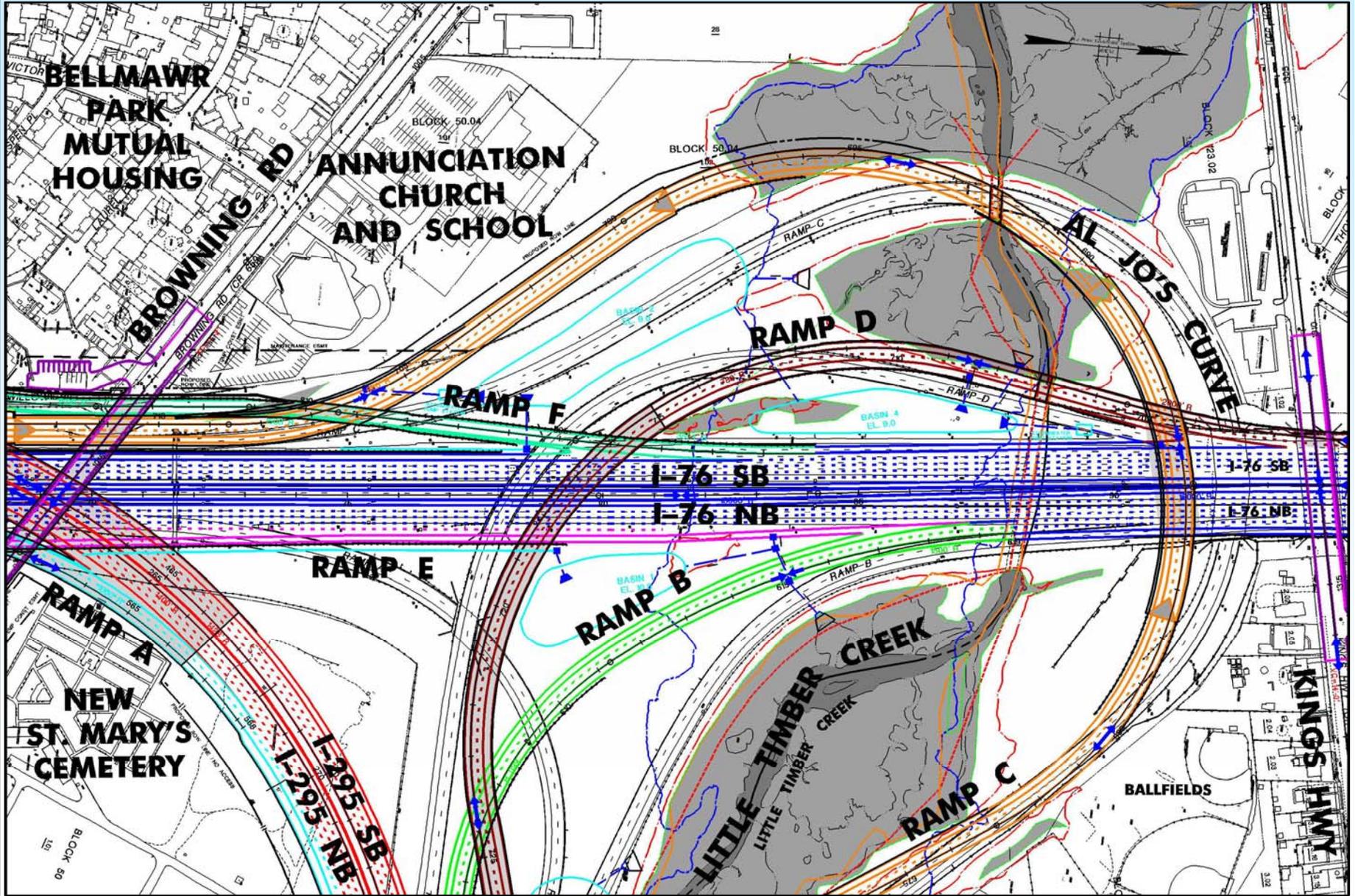
I-295 Over I-76/Rt 42



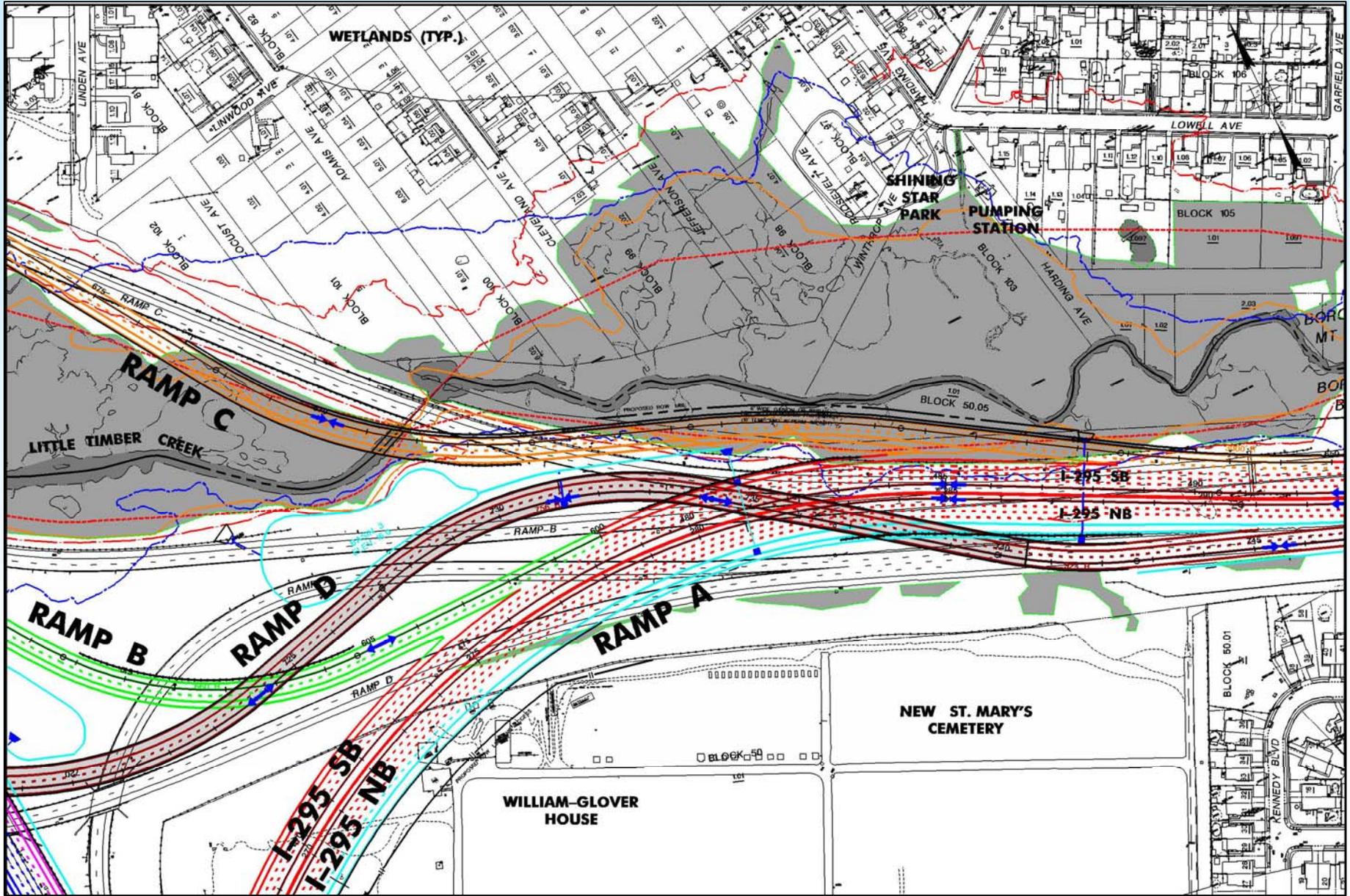
ALTERNATIVES D AND D1



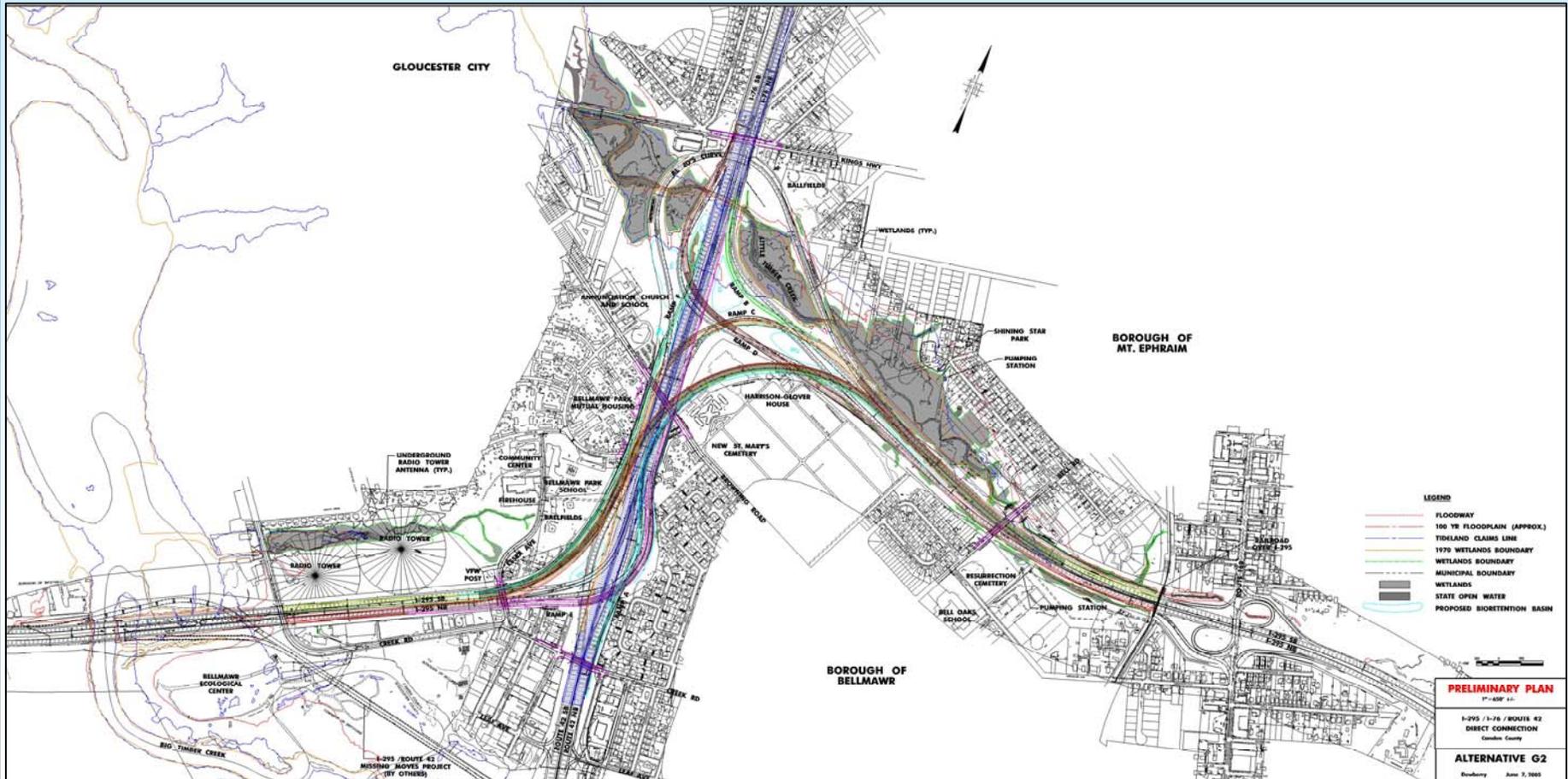
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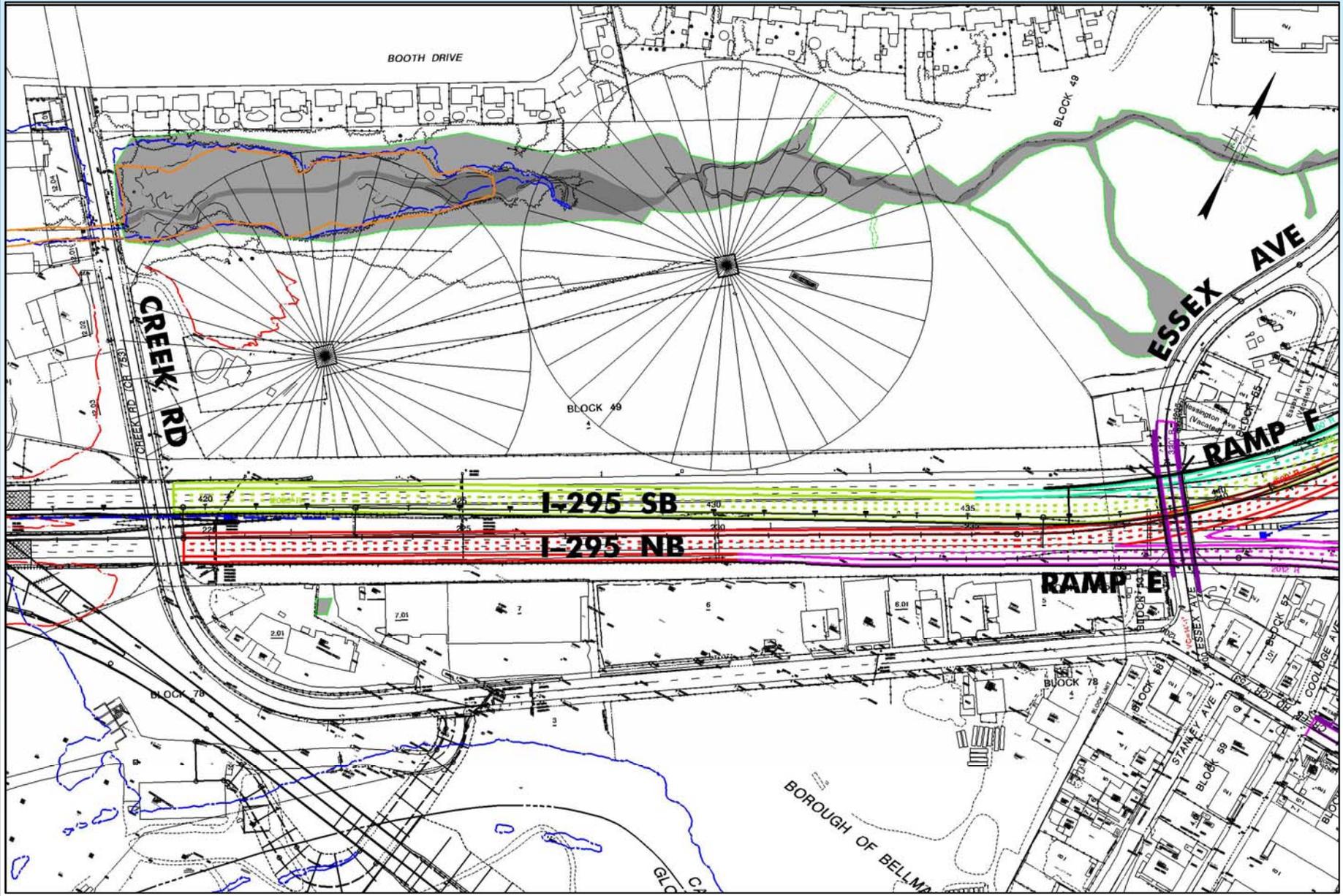
ALTERNATIVE D1



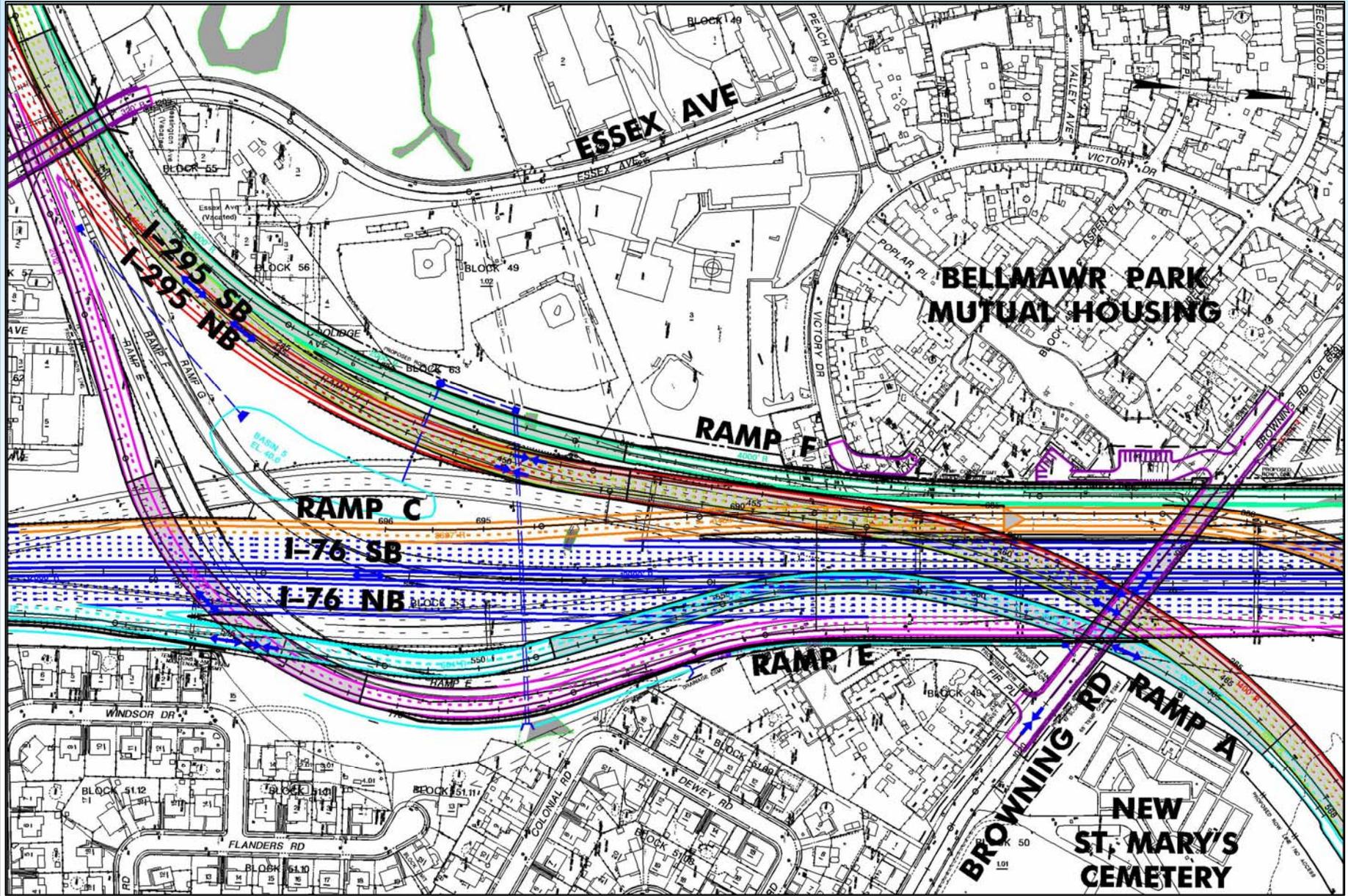
ALTERNATIVE G2



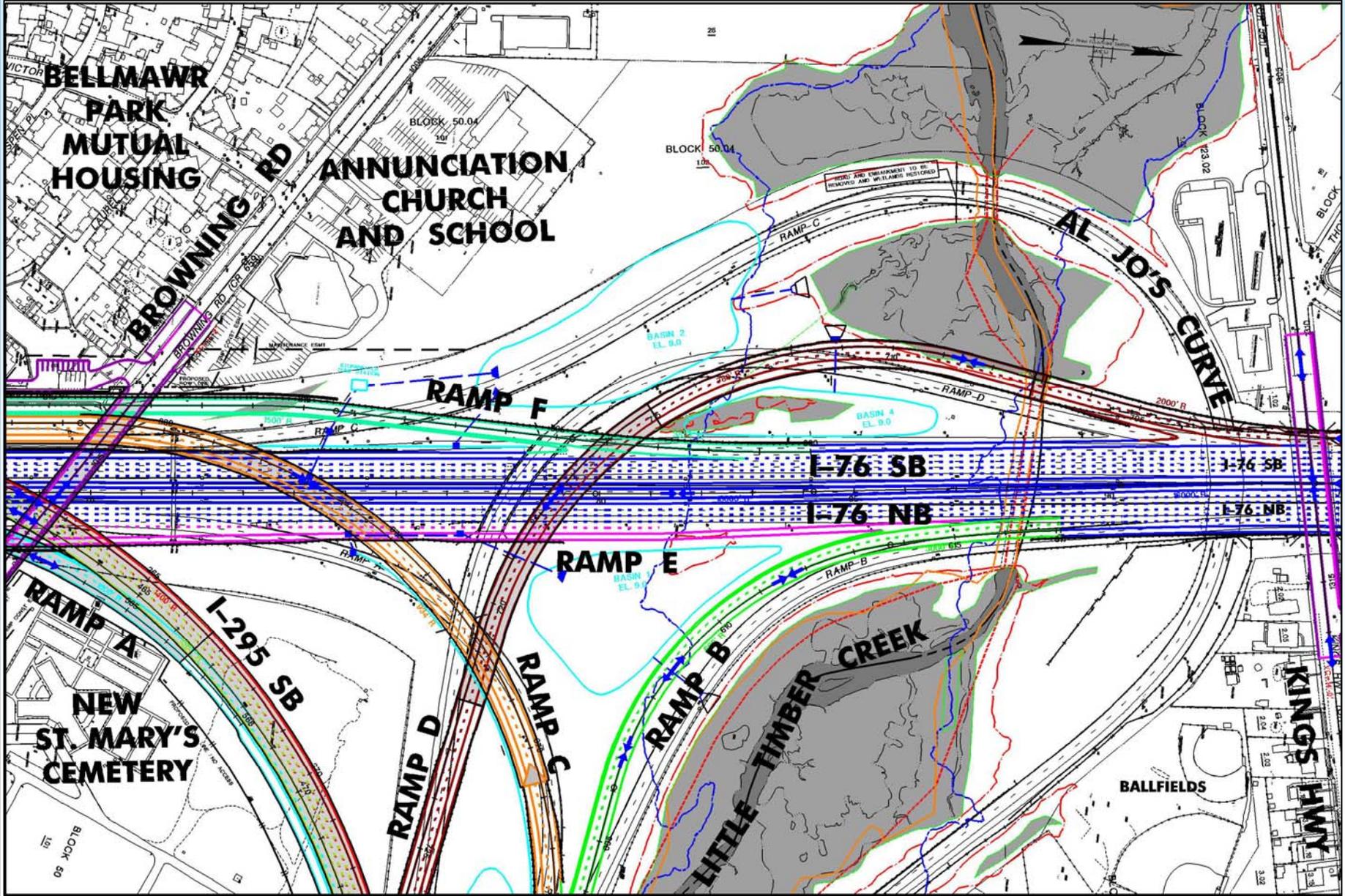
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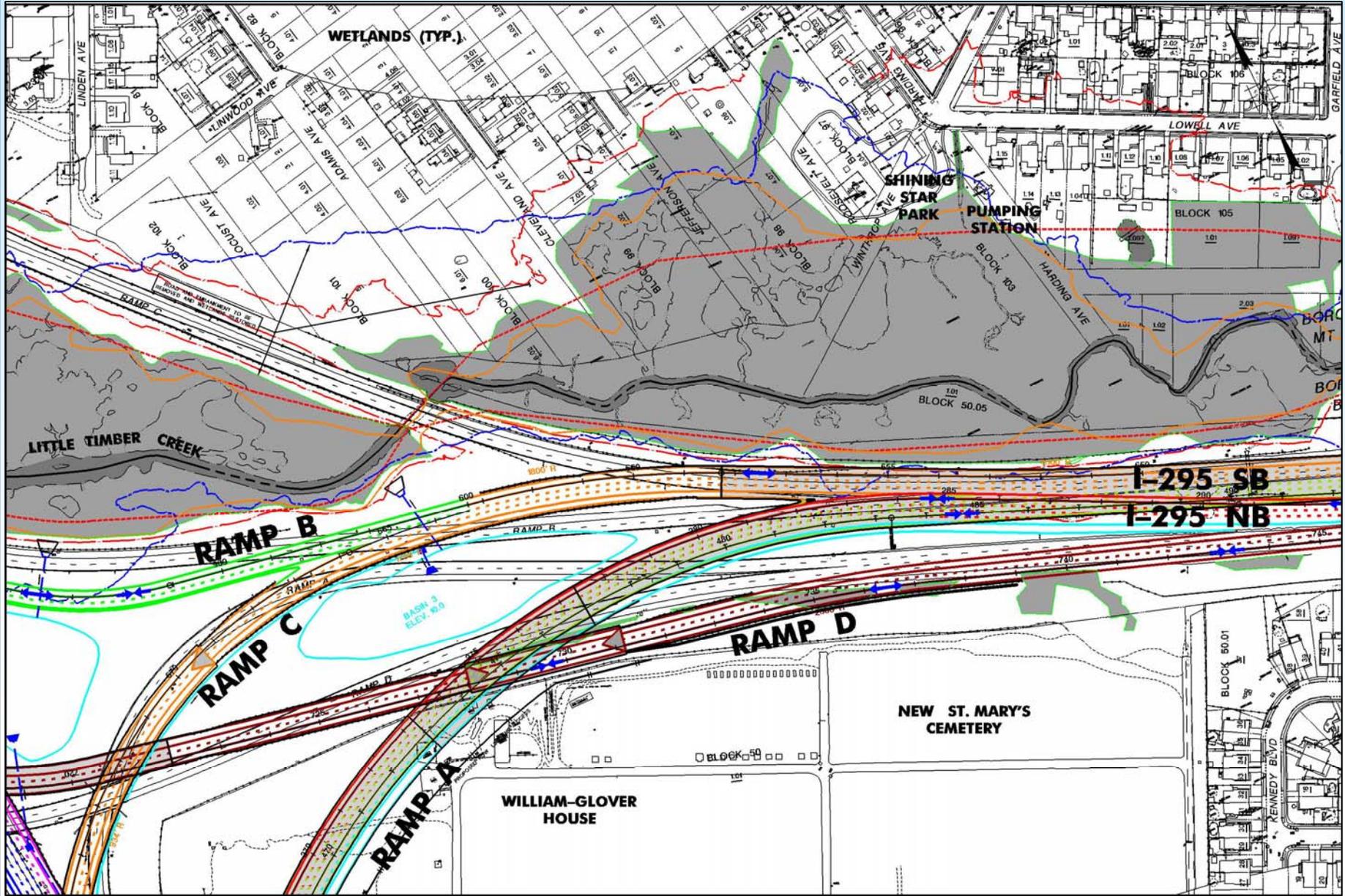
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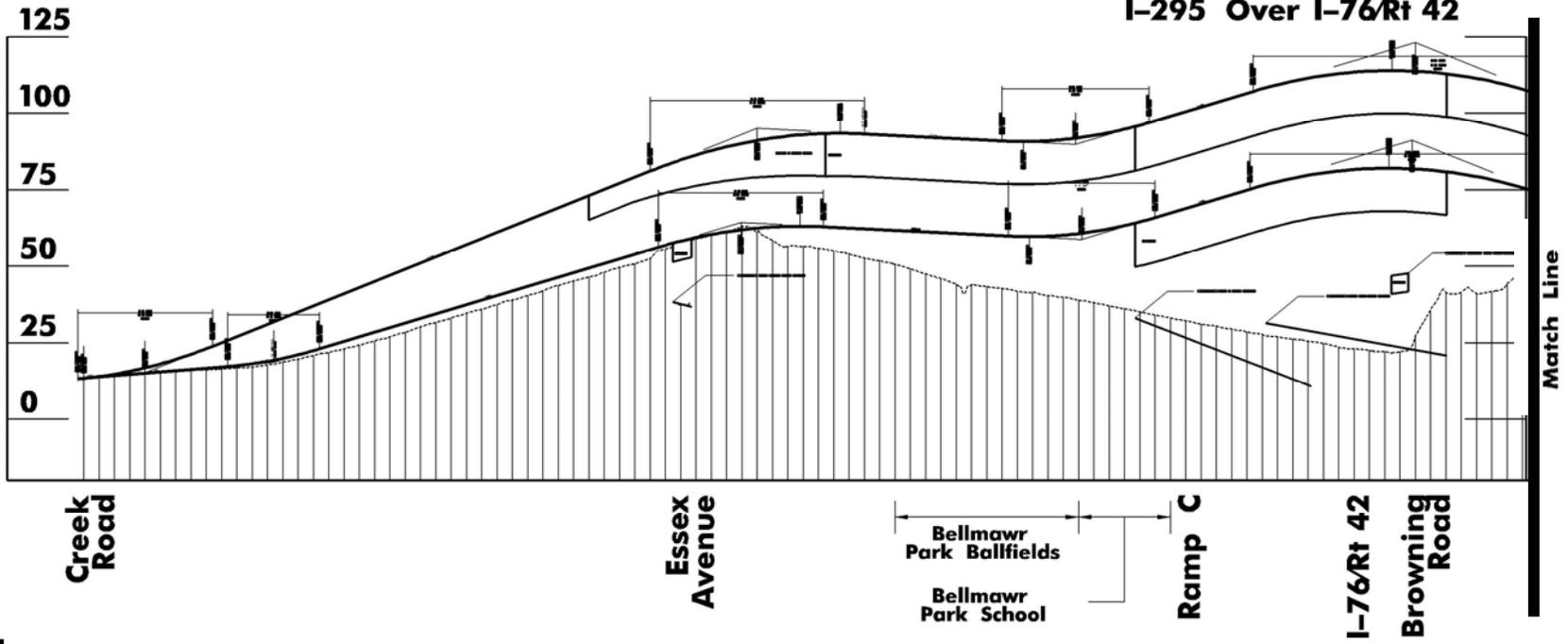
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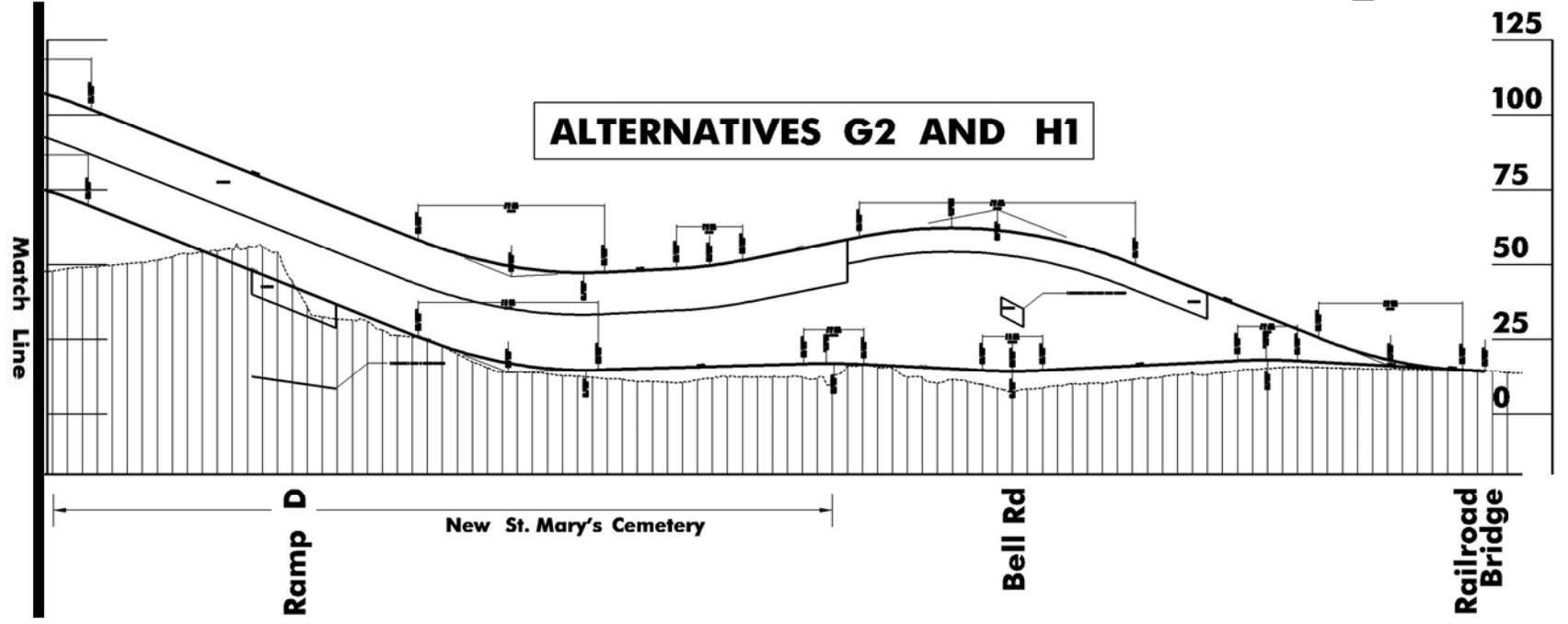
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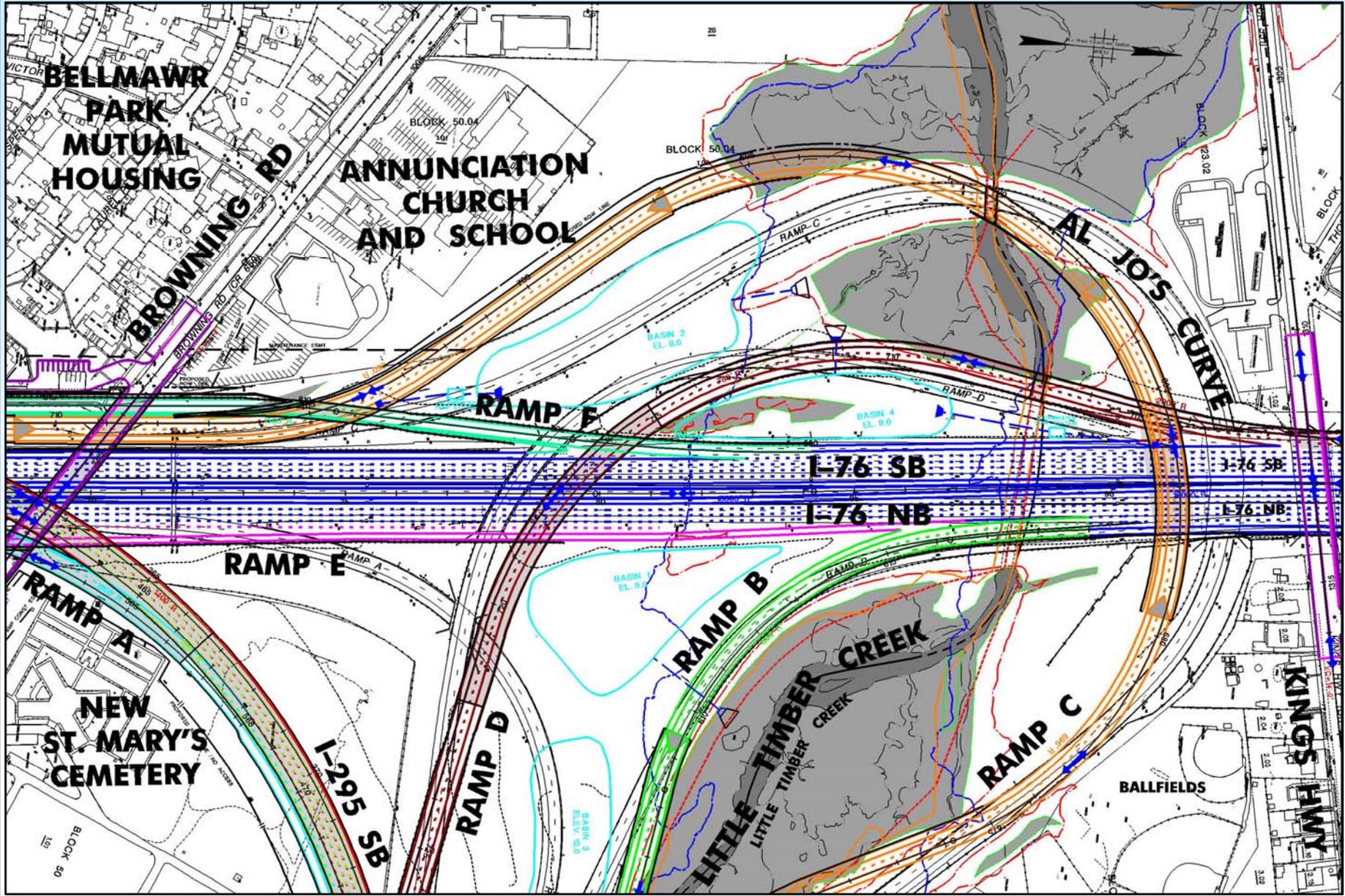
I-295 Over I-76/Rt 42



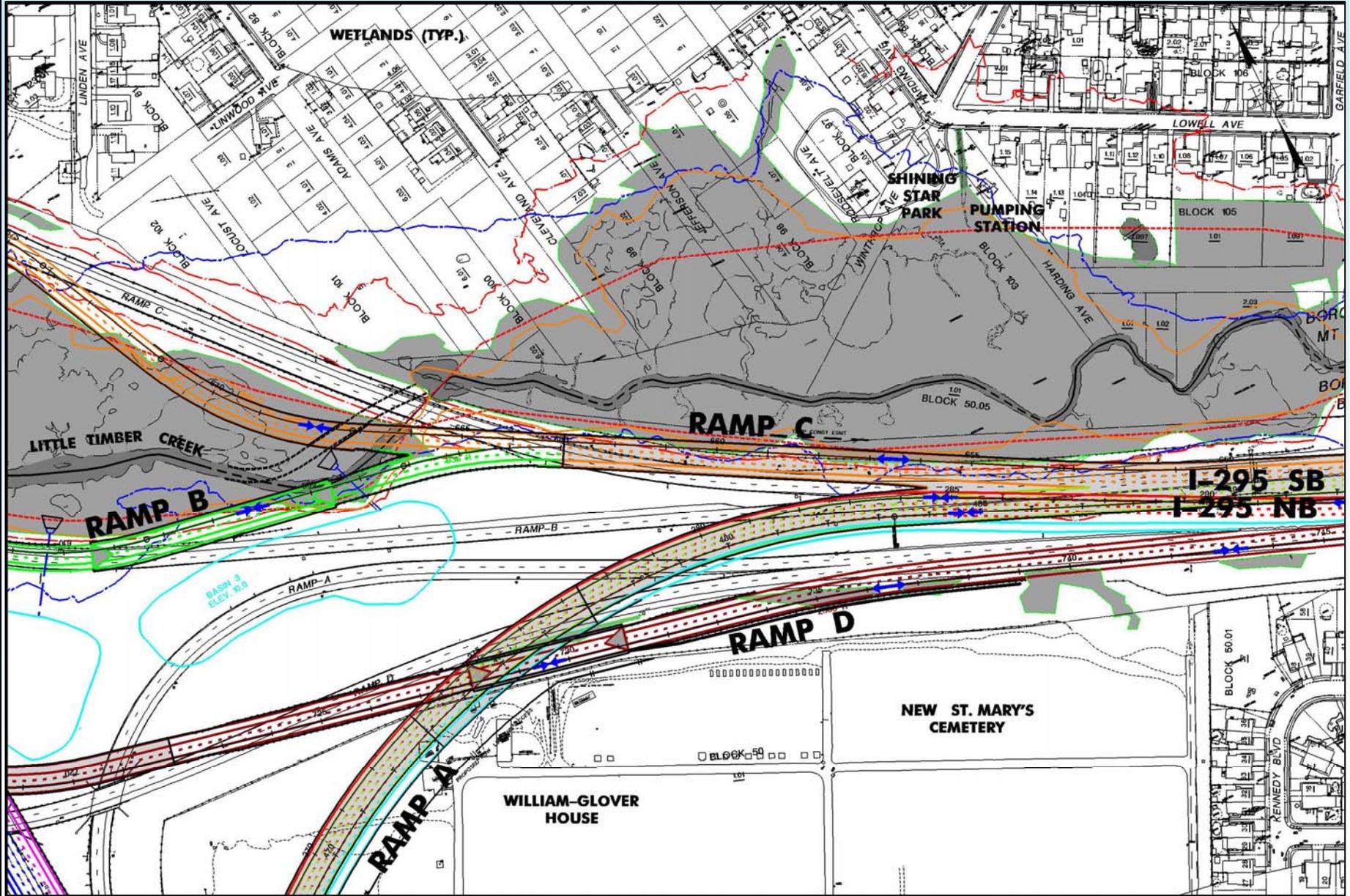
ALTERNATIVES G2 AND H1



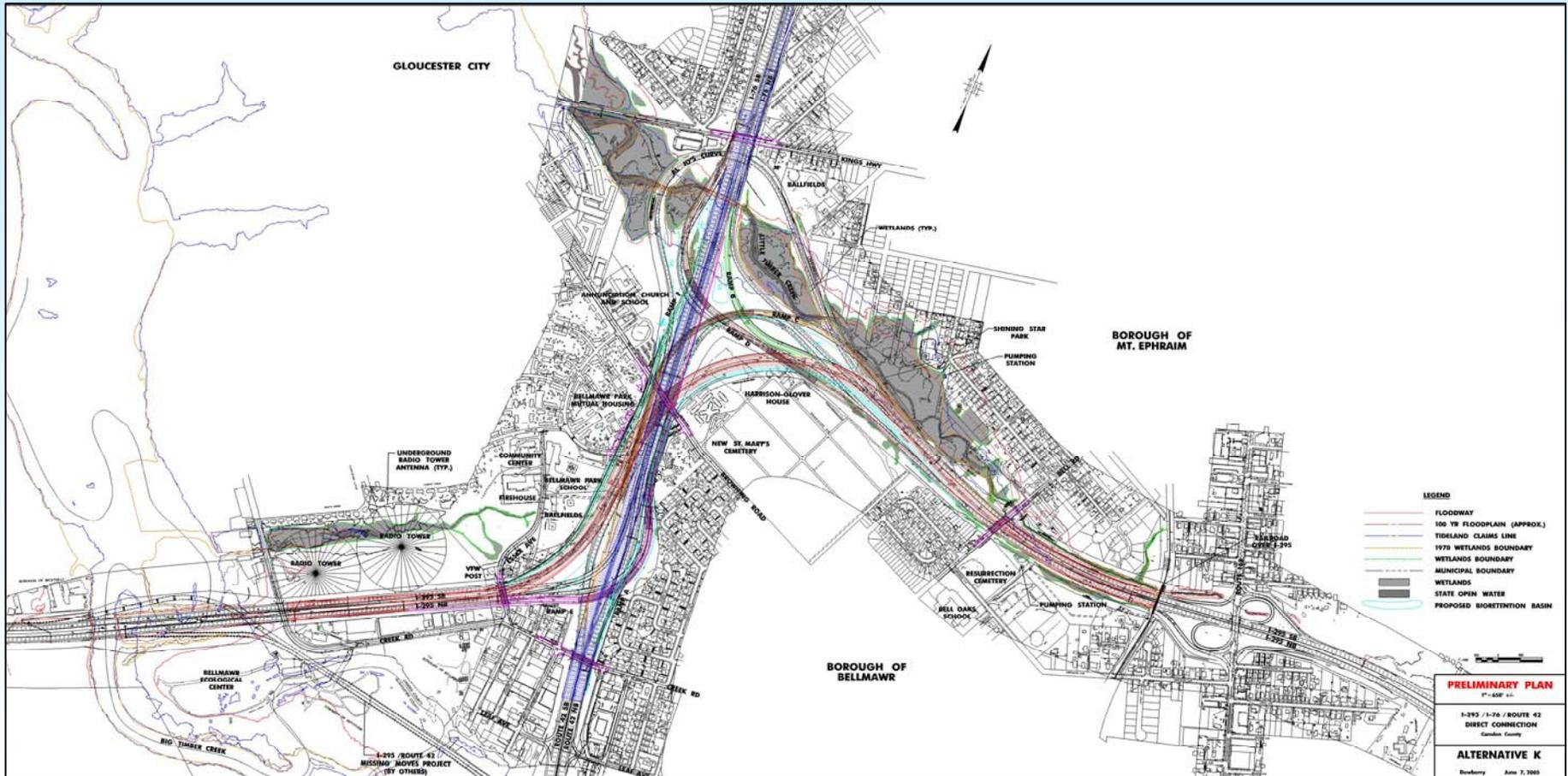
ALTERNATIVE H1



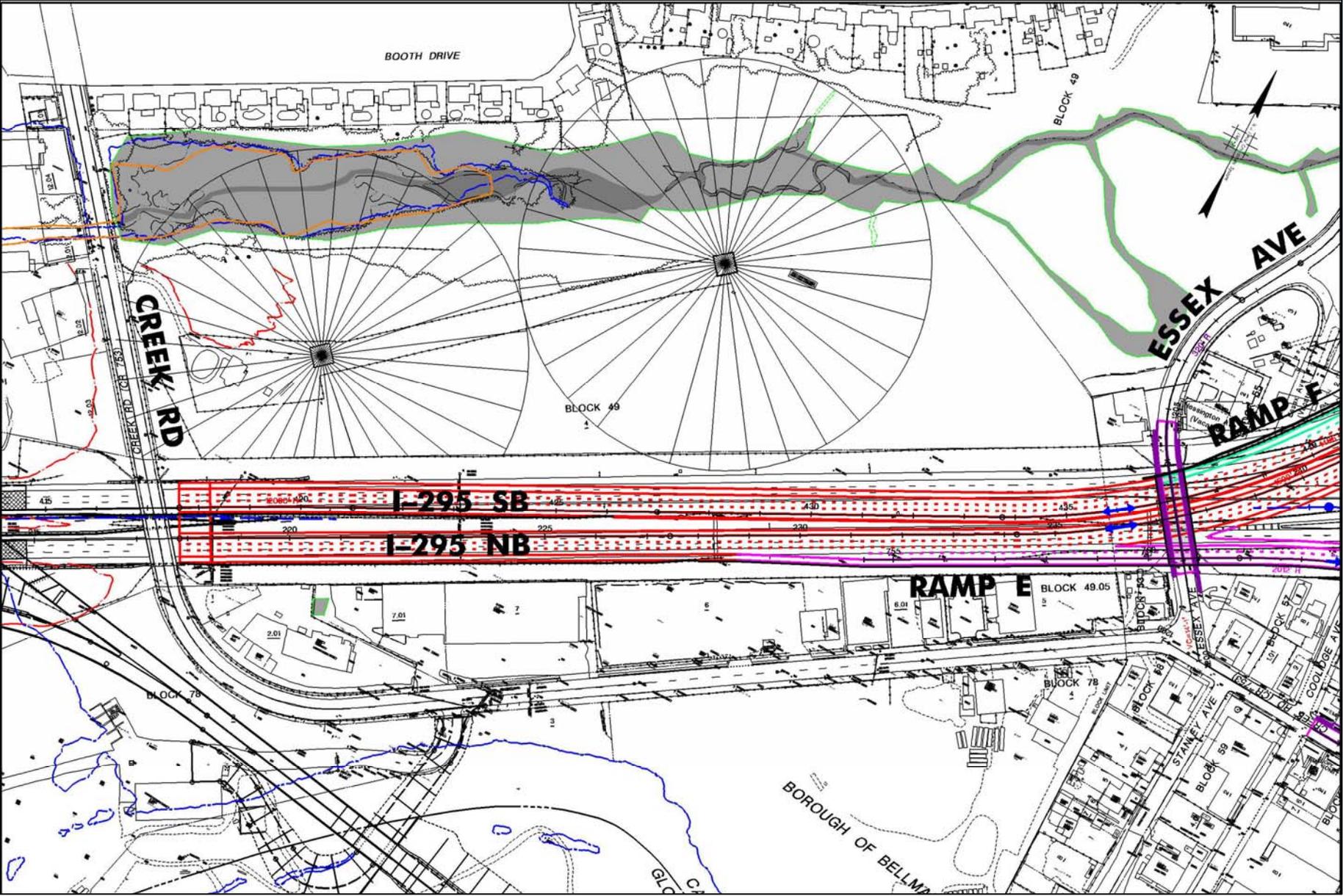
ALTERNATIVE H1



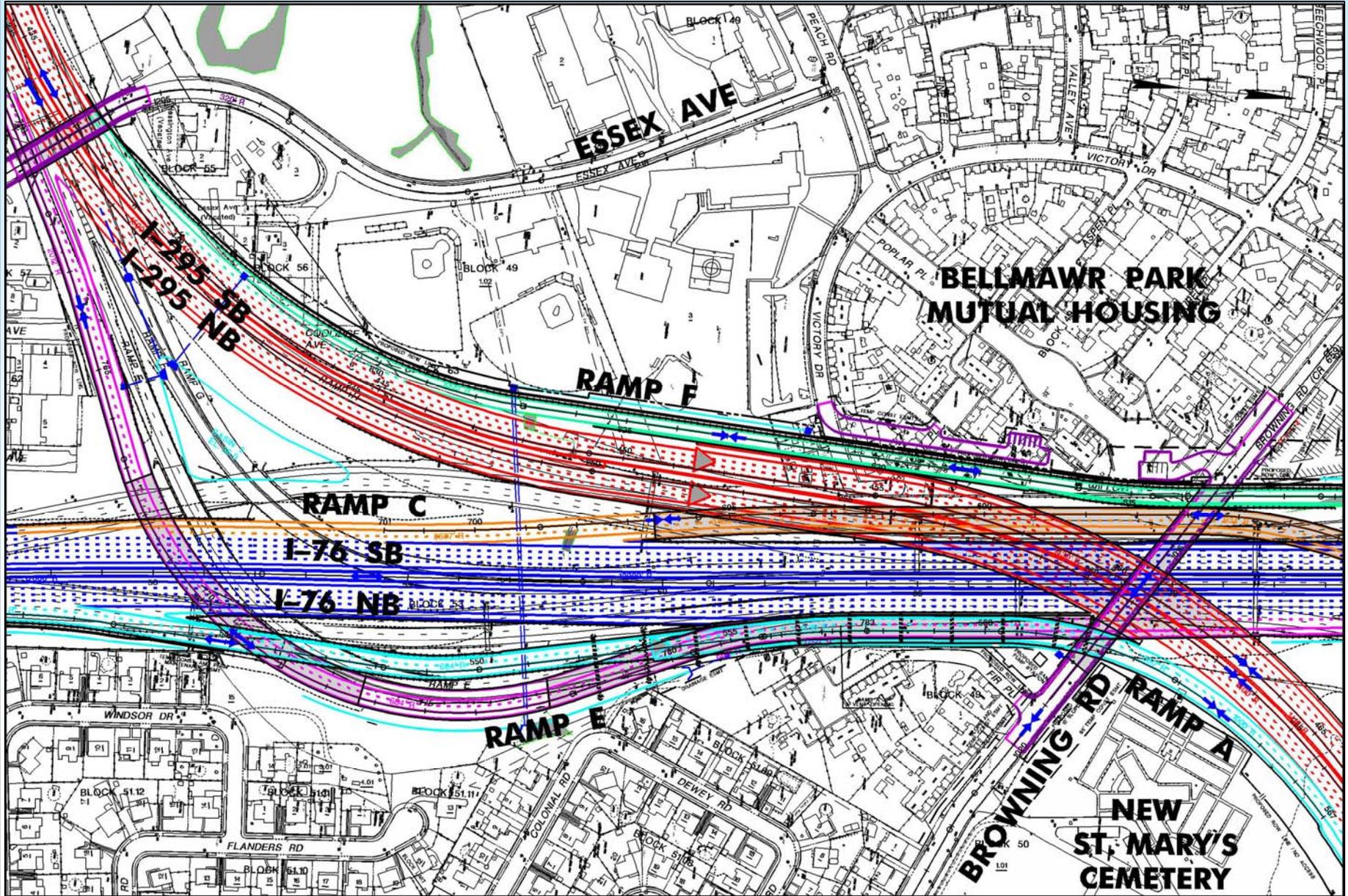
ALTERNATIVE K



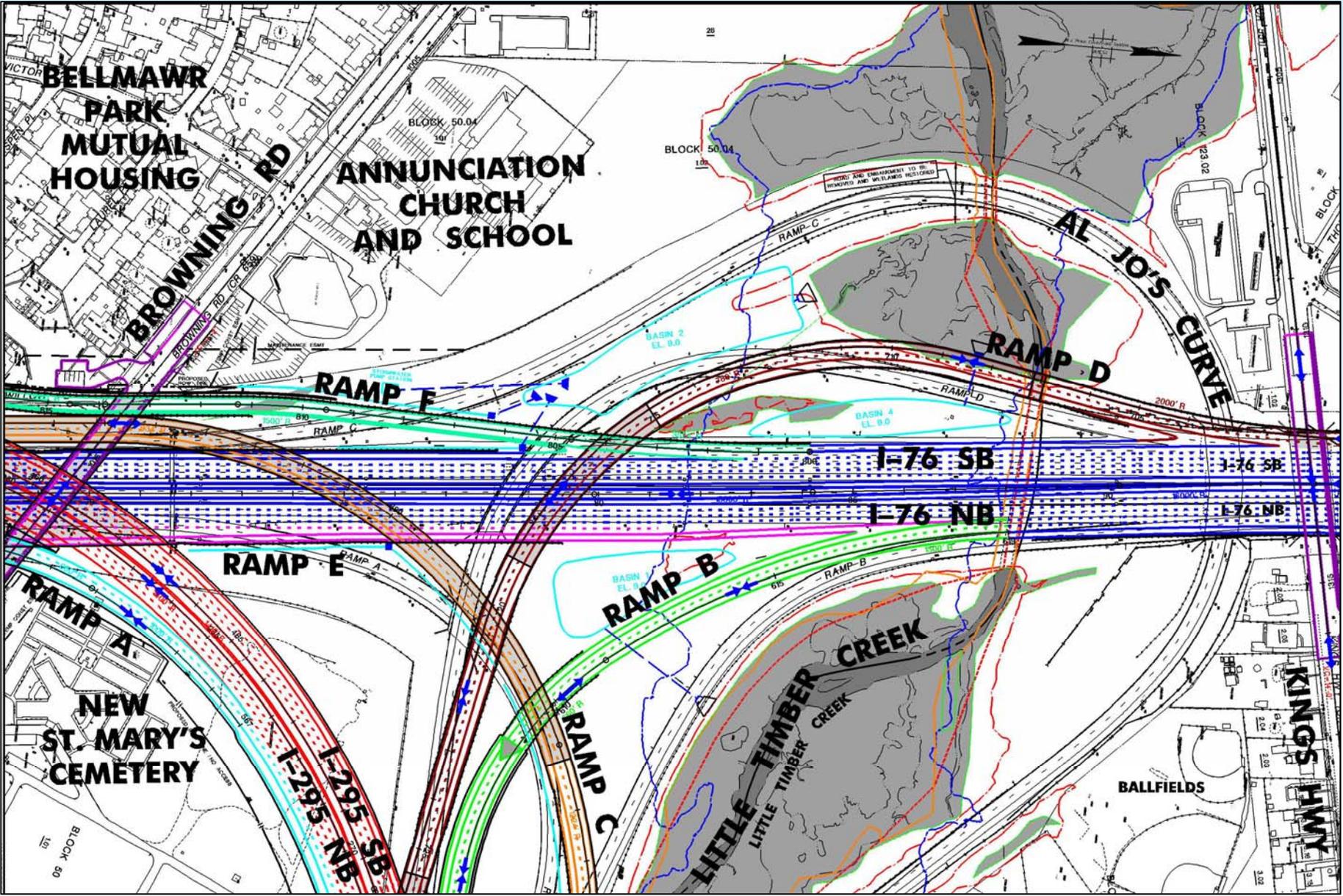
ALTERNATIVE K



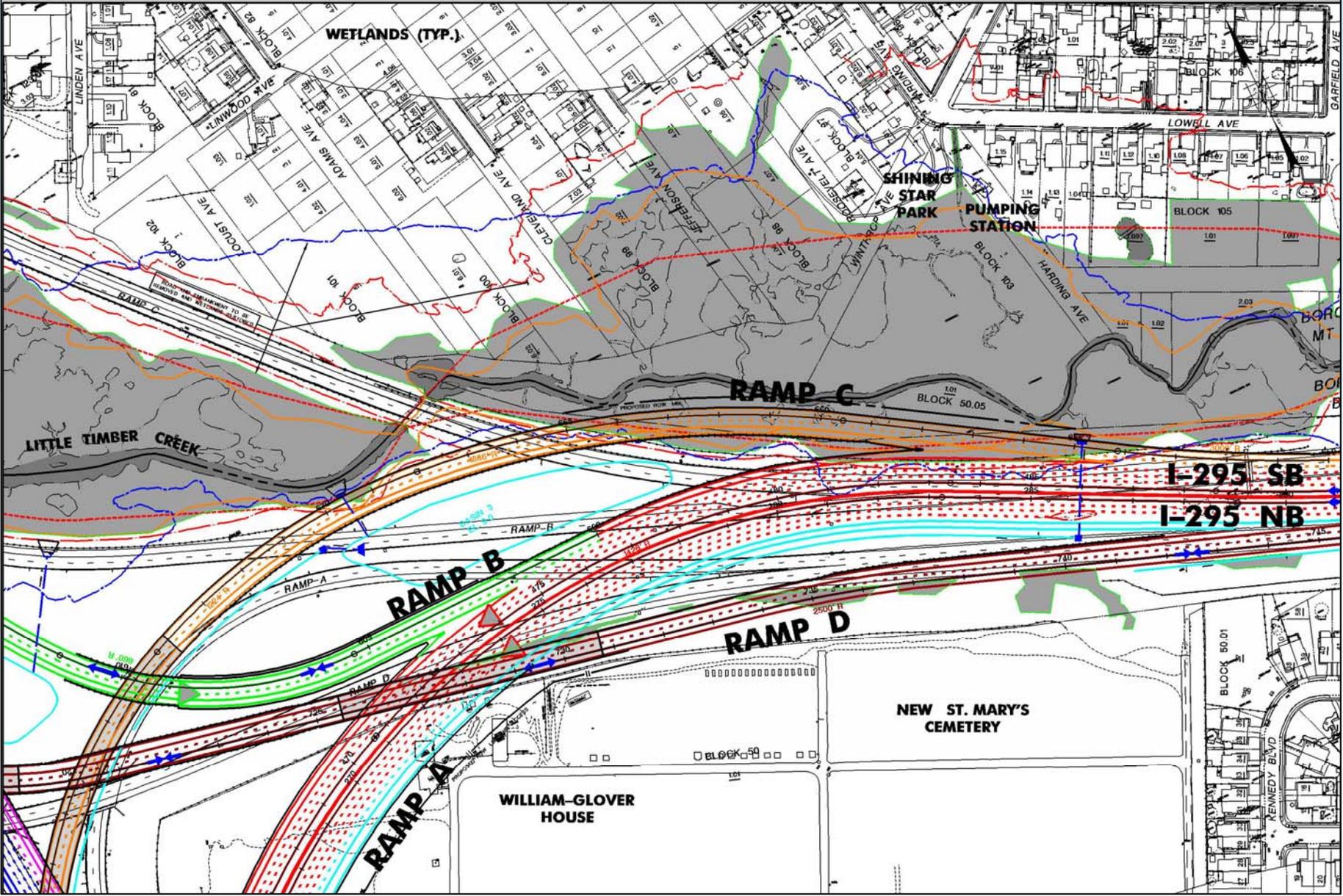
ALTERNATIVE K



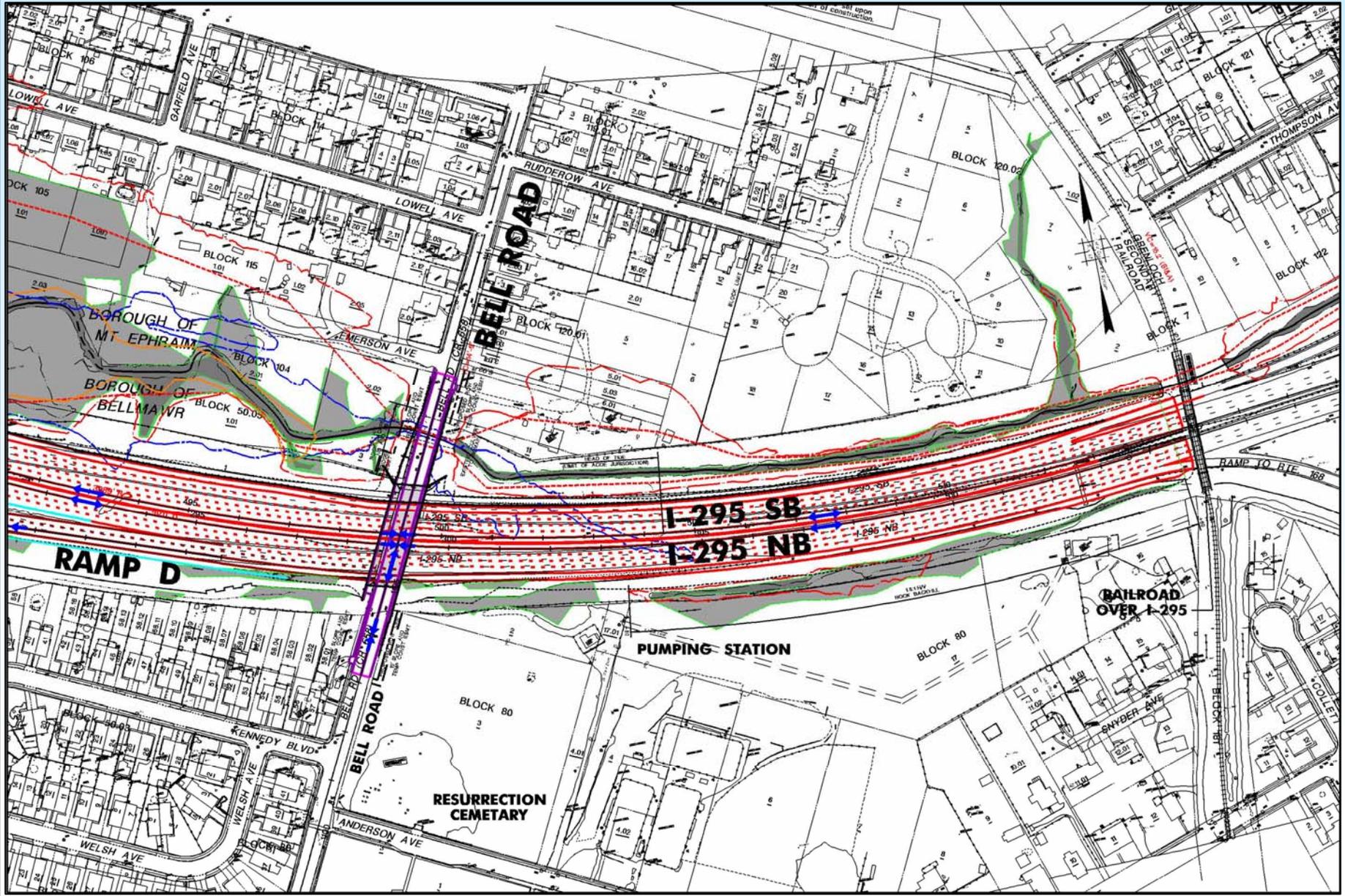
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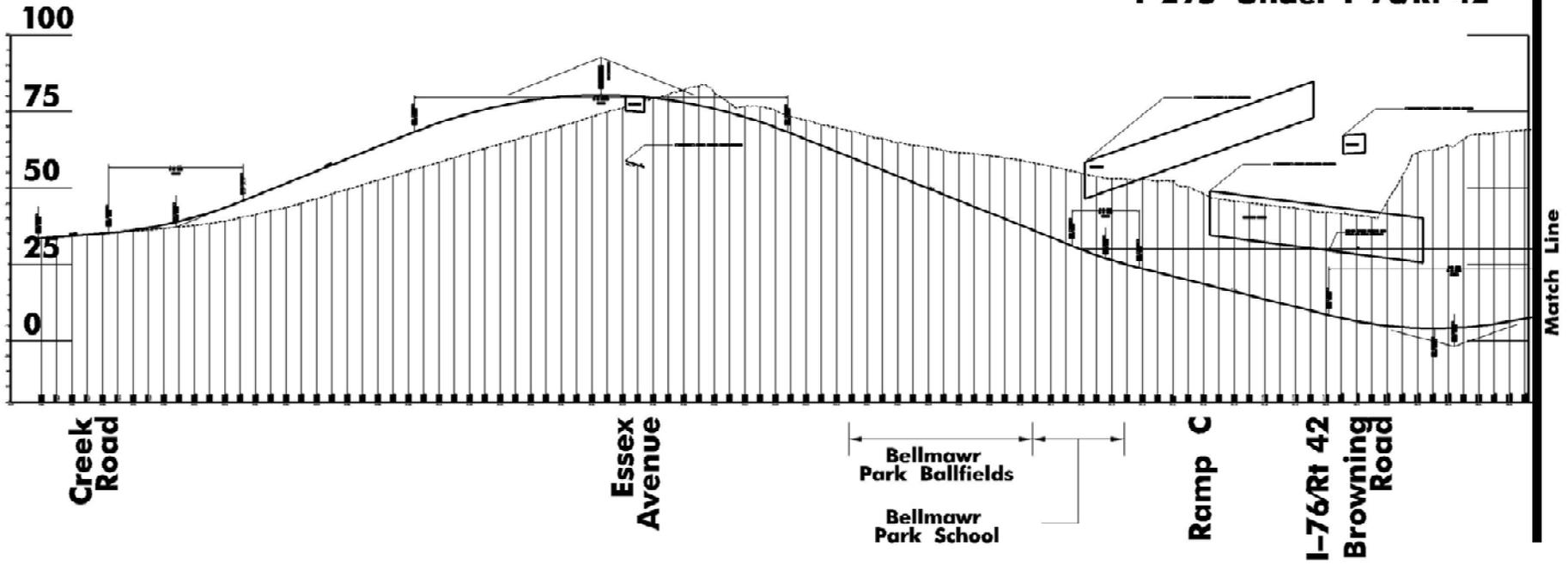
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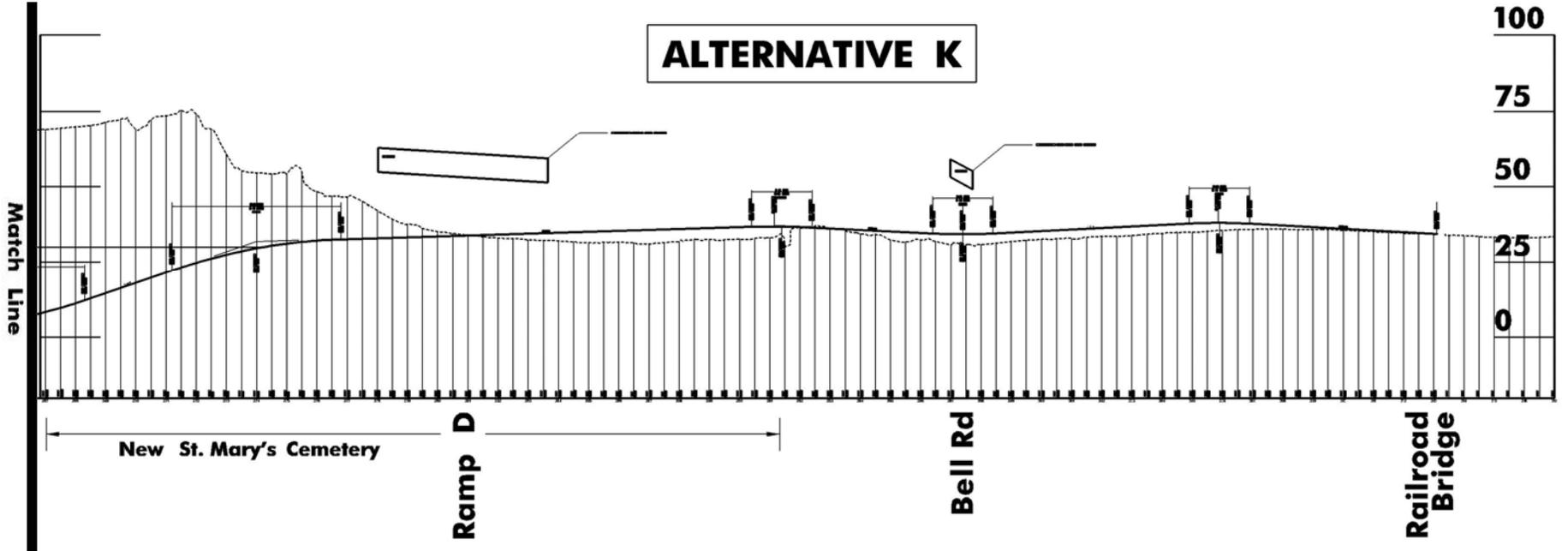
ALTERNATIVE K



I-295 Under I-76/Rt 42



ALTERNATIVE K



REVIEW OF TES STATUS

Ileana S. Ivanciu
Dewberry



OVERVIEW

- **Current status of technical studies by discipline:**
 - ^ **Architecture**
 - ^ **Archaeology**
 - ^ **Natural Resources**
 - ^ **Socioeconomics**
 - ^ **Air Quality**
 - ^ **Noise**
 - ^ **Hazardous Waste**
- **Public involvement process**
- **Schedule**



HISTORIC ARCHITECTURE

➤ Harrison House

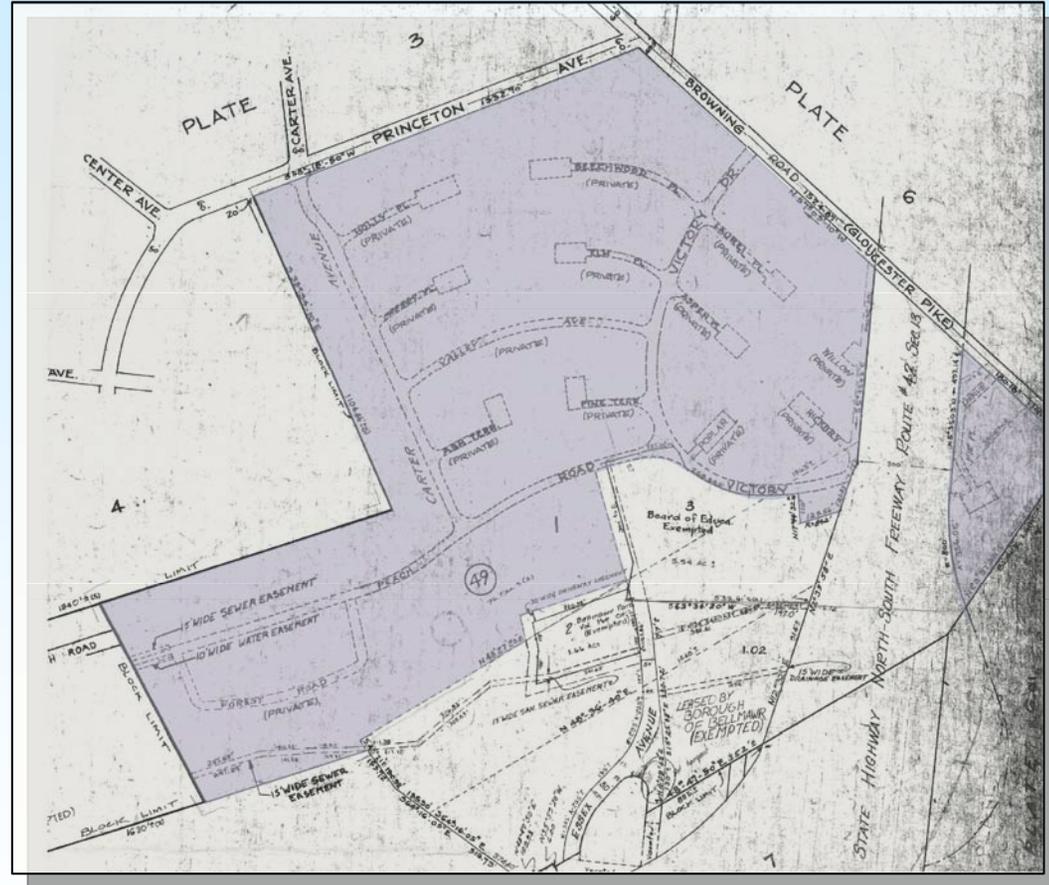
- ✓ Recommended not eligible for listing on the National Register of Historic Places
- ✓ Exterior and interior alterations have impacted resource integrity



HISTORIC ARCHITECTURE

➤ Bellmawr Park

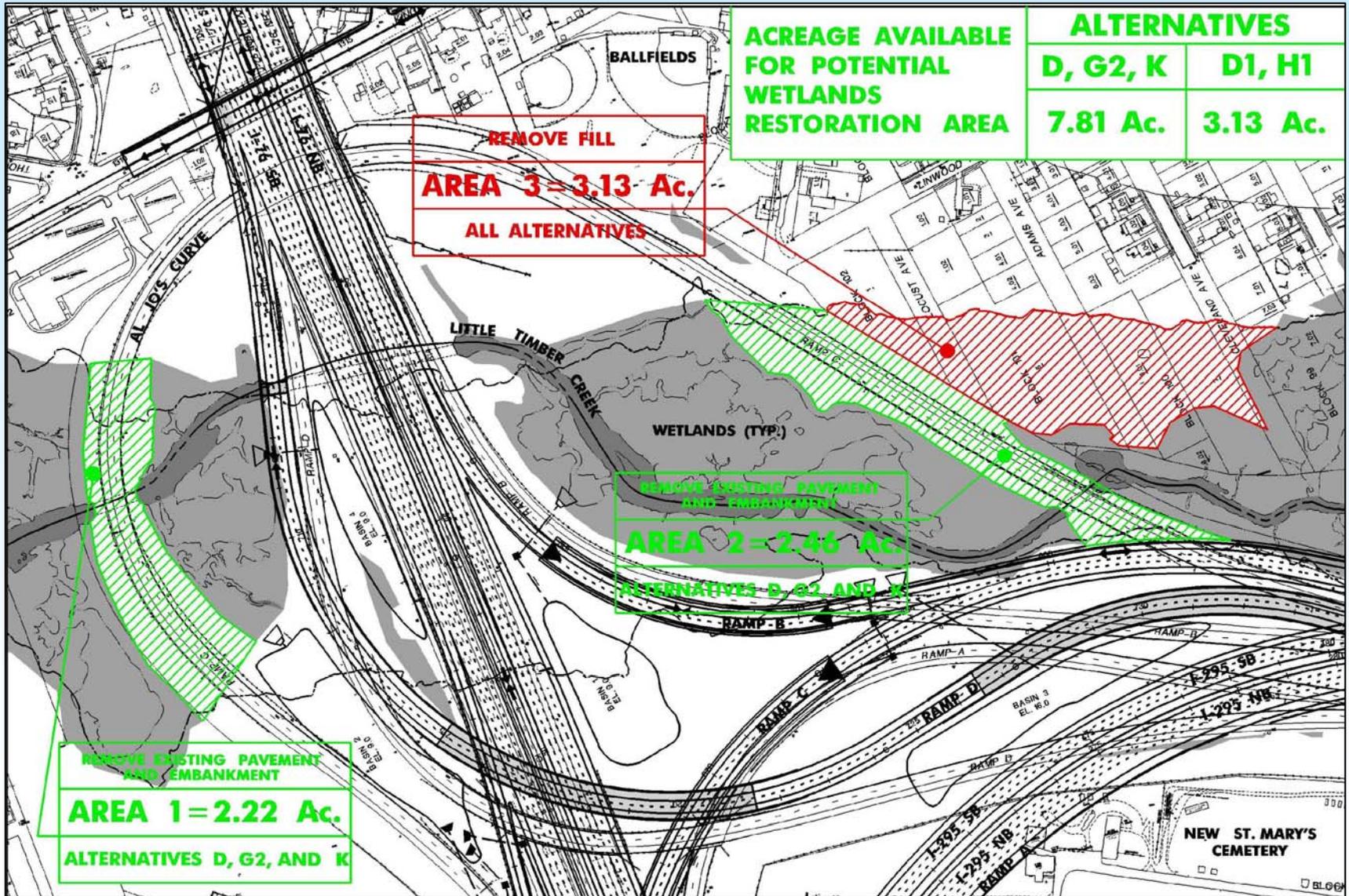
- ✓ Recommended eligible for national registry
- ✓ Retains character-defining elements
 - ❖ Overall design
 - ❖ Overall plan layout
 - ❖ Continues to operate as a mutual housing corporation



ARCHAEOLOGY



POTENTIAL ON-SITE MITIGATION



THREATENED & ENDANGERED SPECIES

- **Red-Headed Woodpecker, Peregrine Falcon, and Coopers Hawk**
 - ✓ **Wooded area west of Essex Avenue**
 - ✓ **Survey conducted in June 2004**
 - ✓ **Methodology**
 - ❖ **Point Count Surveys**
 - ❖ **Line Transects**
 - ❖ **Feeding Stations**
 - ✓ **Findings**
 - ❖ **No threatened or endangered bird species observed**



THREATENED & ENDANGERED SPECIES

(cont'd.)

Bog Turtle Survey

- **Wooded area west of Essex Avenue**
- **Habitat evaluation surveys**
 - ✓ **No turtles observed**
 - ✓ **No suitable habitat found**



STORMWATER MANAGEMENT

- **N.J.A.C. 7:8 requires to address water quantity, quality and groundwater recharge.**
 - ^ **Water quantity control measures are waived (July 2004 Wetlands Working Group meeting).**
 - ^ **For water quality, credit can be taken for removal of existing pavement.**
 - ^ **Bioretention basins will be primary water treatment measure.**

- **Pump stations will be required to meet water quality treatment requirements and drainage needs.**



SOCIOECONOMICS

- **Community Impact Analysis**
- **Identify community make-up focusing on the following populations:**
 - ✓ **Low income**
 - ✓ **Minority**
 - ✓ **Female head of household**
 - ✓ **Transit disadvantaged**
 - ✓ **Senior citizens**
 - ✓ **Disabled**
 - ✓ **Non-English speaking**



SOCIOECONOMICS *(cont'd.)*

➤ **Community Impact Analysis**

^ **2000 US Census**

^ **Interviews with public and non-profit agencies**

❖ **Social Services Agencies**

❖ **Deputy County Administrator for Public Services**

❖ **Cultural and Heritage Commission**

❖ **Office of Hispanic Affairs**

❖ **Church Leaders**

❖ **Health and Human Services Department**

❖ **South Jersey Transportation Authority**

❖ **Chamber of Commerce**

❖ **Boards of Education**

❖ **Camden County Improvement Authority**

❖ **Human Relations Commission**

❖ **Bellmawr Board of Assistance**

❖ **Senior and Disabled Services**

❖ **Vital Statistics**

❖ **DVRPC**



SOCIOECONOMICS *(cont'd.)*

Direct ROW Impacts:

- **Residential Relocations – Bellmawr Park area only**
- **Residential Impacts – strip takings, permanent and temporary easements**
- **Business Impacts – business relocation required**
- **Other Impacts – strip takings, permanent and temporary (i.e., business, church, school, cemetery, borough)**



PRELIMINARY ROW IMPACTS SUMMARY

Alternative	Residential Relocations	Residential Impacts	Business Impacts	Other Impacts
D	12	11	1	16
D1	12	11	1	17
G2	4	11	0	16
H1	4	11	0	17
K	12	11	1	16



SOCIOECONOMICS *(cont'd.)*

➤ **Environmental Justice**

- ✓ **EJ EO 12898 (February 11, 1994)**
- ✓ **FHWA Actions to Address EJ in Minority and Low-Income Populations**
- ✓ **Interim Guidance for Incorporating EJ Concerns in EPA's NEPA Compliance Analyses (USEPA, September 1997)**



**BROWNING ROAD FROM NEW ST.
MARY'S CEMETERY DRIVEWAY**



EXISTING CONDITIONS

**BROWNING ROAD FROM NEW ST.
MARY'S CEMETERY DRIVEWAY**



ALTERNATIVES D, D1

**BROWNING ROAD FROM NEW ST.
MARY'S CEMETERY DRIVEWAY**



ALTERNATIVES G2, H1

**BROWNING ROAD FROM NEW ST.
MARY'S CEMETERY DRIVEWAY**



ALTERNATIVE K

**BELLMAWR PARK SCHOOL FROM
VICTORY DRIVE/POPLAR PLACE**



EXISTING CONDITIONS

**BELLMAWR PARK SCHOOL FROM
VICTORY DRIVE/POPLAR PLACE**



ALTERNATIVES D, D1

**BELLMAWR PARK SCHOOL FROM
VICTORY DRIVE/POPLAR PLACE**



ALTERNATIVES G2, H1

**BELLMAWR PARK SCHOOL FROM
VICTORY DRIVE/POPLAR PLACE**



ALTERNATIVE K

**I-295/LITTLE TIMBER CREEK
FROM SHINING STAR PARK**



EXISTING CONDITIONS

**I-295/LITTLE TIMBER CREEK
FROM SHINING STAR PARK**



ALTERNATIVES D, D1

**I-295/LITTLE TIMBER CREEK
FROM SHINING STAR PARK**



ALTERNATIVES G2, H1

**I-295/LITTLE TIMBER CREEK
FROM SHINING STAR PARK**



ALTERNATIVE K

**BELL ROAD FROM NORTH OF
EMERSON AVENUE**



EXISTING CONDITIONS

**BELL ROAD FROM NORTH OF
EMERSON AVENUE**



ALTERNATIVES D, D1

**BELL ROAD FROM NORTH OF
EMERSON AVENUE**



ALTERNATIVES G2, H1

**BELL ROAD FROM NORTH OF
EMERSON AVENUE**



ALTERNATIVE K

AIR QUALITY

- **Peak 1- and 8-hour CO concentrations predicted at the same receptor locations along the ROW**
 - ✓ **USEPA MOBILE6.2 - model CO emission factors based on NJ specific mixes of gasoline and diesel-fueled motor vehicles**
 - ✓ **USEPA CAL3QHC air dispersion - CO concentrations due to free-flow roadway segments**
 - ✓ **Under Alternative K CO levels will be estimated utilizing worst-case conditions**

- **Free-flow air quality analysis - 2030 “No-Build” and “Build” conditions (Alternatives D, D1, G2, H1 and K)**



NOISE ANALYSIS

- **Exterior noise monitoring and school building attenuation performed by NJDOT during 8/2000, 3/2001 and 4/2001**
- **Noise modeling - FHWA Traffic Noise Model (TNM2.5)**
- **Impacts assessed based on FHWA Noise Abatement Criteria**
- **Future 2030 “No-Build” and “Build” (Alternatives D, D1, G2, H1 and K) conditions modeled based on Level of Service C traffic conditions**
- **The same modeling methodologies utilized for each alternative**



HAZARDOUS WASTE

- **Study corridor reconnaissance**
- **Historical records review (Sandborns Fire Insurance Maps and Aerial Photographs)**
- **Review of Federal and State records (EDR)**
- **Inquires with state and local agencies**



SCHEDULE

- **Complete TES – Late August 2005**
- **NJDOT Review of TES – Early October 2005**
- **FHWA Review of TES – mid-December 2005**
- **Pre-Draft EIS and Conceptual ACOE Permit – mid-Spring 2006**
- **Agency Review - Late Summer 2006**
- **Circulation of DEIS – Fall 2006**
- **Public Hearing – December 2006**
- **Final EIS - 2007**

