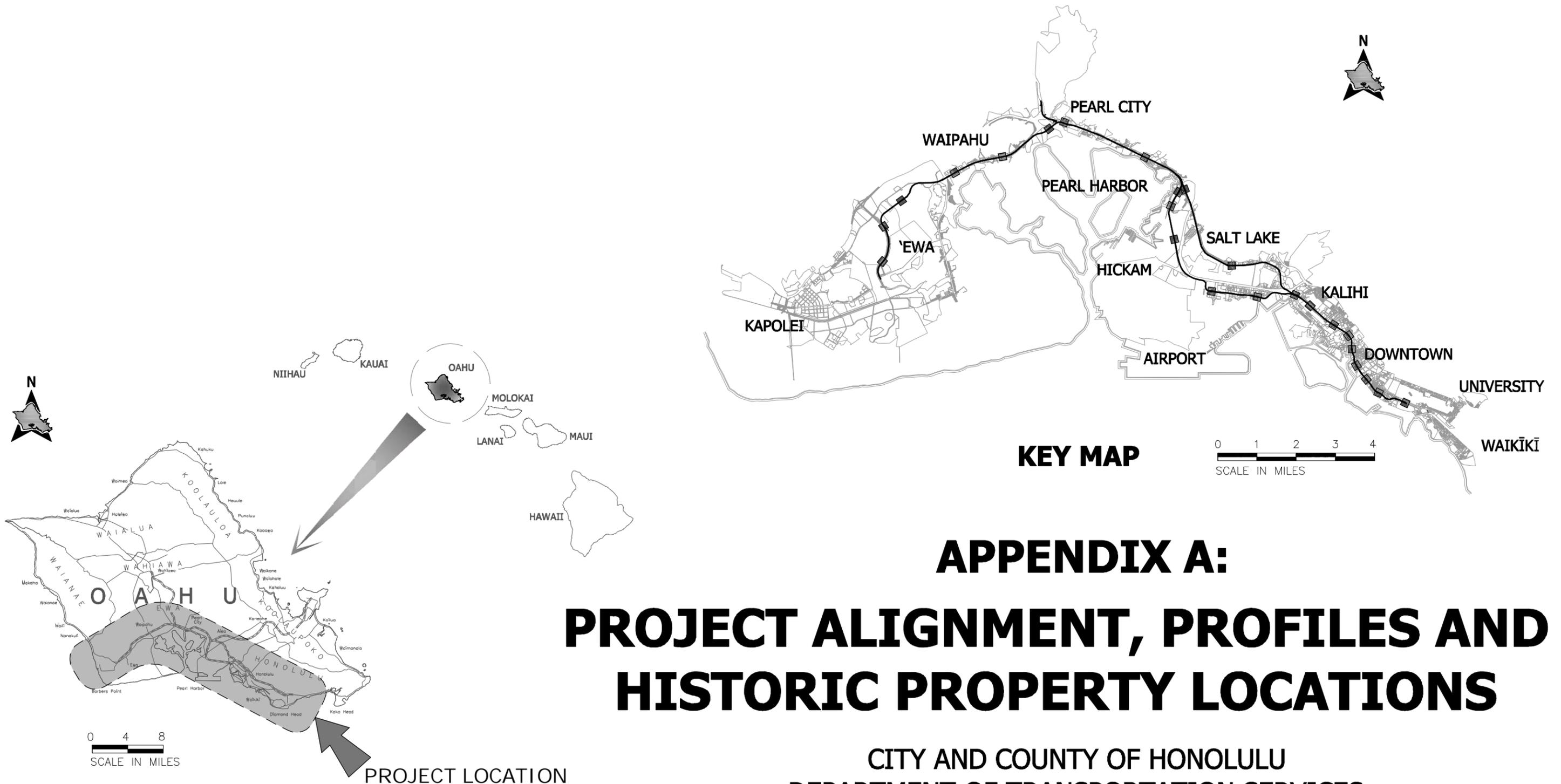


# HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT



## APPENDIX A: PROJECT ALIGNMENT, PROFILES AND HISTORIC PROPERTY LOCATIONS

CITY AND COUNTY OF HONOLULU  
DEPARTMENT OF TRANSPORTATION SERVICES  
RAPID TRANSIT DIVISION

April 2009

HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT

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CITY & COUNTY OF HONOLULU  
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HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT

Scale:

NOT TO SCALE

CONCEPTUAL ALIGNMENT PLANS AND PROFILES

INDEX OF DRAWINGS

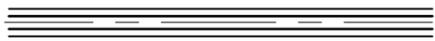
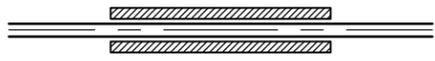
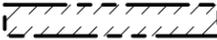
Page No. 1 of 39

Drawing No:

**GN001**

Date:

4/6/2009

SYMBOLS	ABBREVIATIONS	GENERAL NOTES										
 First Project  Future Tracks  Top of Rail (Profile)  Existing Ground or Pavement Line (profile)  Station Platform  Station Entrance Level  Double Crossover  Single Crossover  Turnout  Point of Switch  Traction Power Substation  Station Equation  Historic Property	<p>AH Ahead Stationing Avenue</p> <p>BK Bldg Building Blvd Boulevard B Baseline</p> <p>CL Centerline CS Curve to Spiral</p> <p>Dr Drive Dwg Drawing</p> <p>E East EB Eastbound</p> <p>Fwy Freeway</p> <p>Hwy Highway</p> <p>L Length Lp Loop LVC Length of Vertical Curve</p> <p>NB Northbound</p> <p>M.L. Matchline MSF Maintenance &amp; Storage Facility</p> <p>No. Number</p> <p>PC Point of Curvature PCC Point of Compound Curvature PI Place PT Point of Tangency Pkwy Parkway</p> <p>R Curve Radius Rd Road R.O.W. Right-of-Way</p> <p>SB Southbound SC Spiral to Curve Shldr Shoulder St Street ST Spiral to Tangent Sta Station</p> <p>TS Tangent to Spiral</p> <p>W West WB Westbound</p> <p><b>SPECIAL TERMS</b></p> <p>Makai Ocean Mauka Mountain</p>	<ol style="list-style-type: none"> <li>The indicated location of all proposed facilities is conceptual. The indicated alignments and station locations have been developed for budgetary purposes and are not to be construed as a commitment by the Department of Transportation Services to any specific route alignment or station location.</li> <li>The existing ground line depicted on the alignment profile is approximate.</li> <li>Relocation and/or removal of existing facilities are not shown for clarity.</li> <li>Stationing is measured along the centerline of the Eastbound Track (Fixed Guideway).</li> <li>The top of rail profile shown represents the elevation of the top of the running rail on Eastbound Track.</li> </ol>										
<b>TYPE OF TRACK CONSTRUCTION</b>												
<table border="1"> <thead> <tr> <th data-bbox="2094 937 2331 1008">COST CATEGORY</th> <th data-bbox="2331 937 3061 1008">DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td data-bbox="2094 1008 2331 1088">Dual Guideway</td> <td data-bbox="2331 1008 3061 1088">Aerial Structures – Double Track Fixed Guideway including bridges and existing roadway overcrossings</td> </tr> <tr> <td data-bbox="2094 1088 2331 1128">Side Platform</td> <td data-bbox="2331 1088 3061 1128">Platforms on each side of Dual Track Guideway</td> </tr> <tr> <td data-bbox="2094 1128 2331 1169">Center Platform</td> <td data-bbox="2331 1128 3061 1169">Single Platform between Dual Track Guideway</td> </tr> <tr> <td data-bbox="2094 1169 2331 1249">Abutment Structure</td> <td data-bbox="2331 1169 3061 1249">Elevated Structure on earthwork fill at end of Aerial Structure</td> </tr> </tbody> </table>			COST CATEGORY	DESCRIPTION	Dual Guideway	Aerial Structures – Double Track Fixed Guideway including bridges and existing roadway overcrossings	Side Platform	Platforms on each side of Dual Track Guideway	Center Platform	Single Platform between Dual Track Guideway	Abutment Structure	Elevated Structure on earthwork fill at end of Aerial Structure
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CITY & COUNTY OF HONOLULU  
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RAPID TRANSIT DIVISION

HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT

Scale:

NOT TO SCALE

CONCEPTUAL ALIGNMENT PLANS AND PROFILES

GENERAL NOTES, SYMBOLS AND ABBREVIATIONS

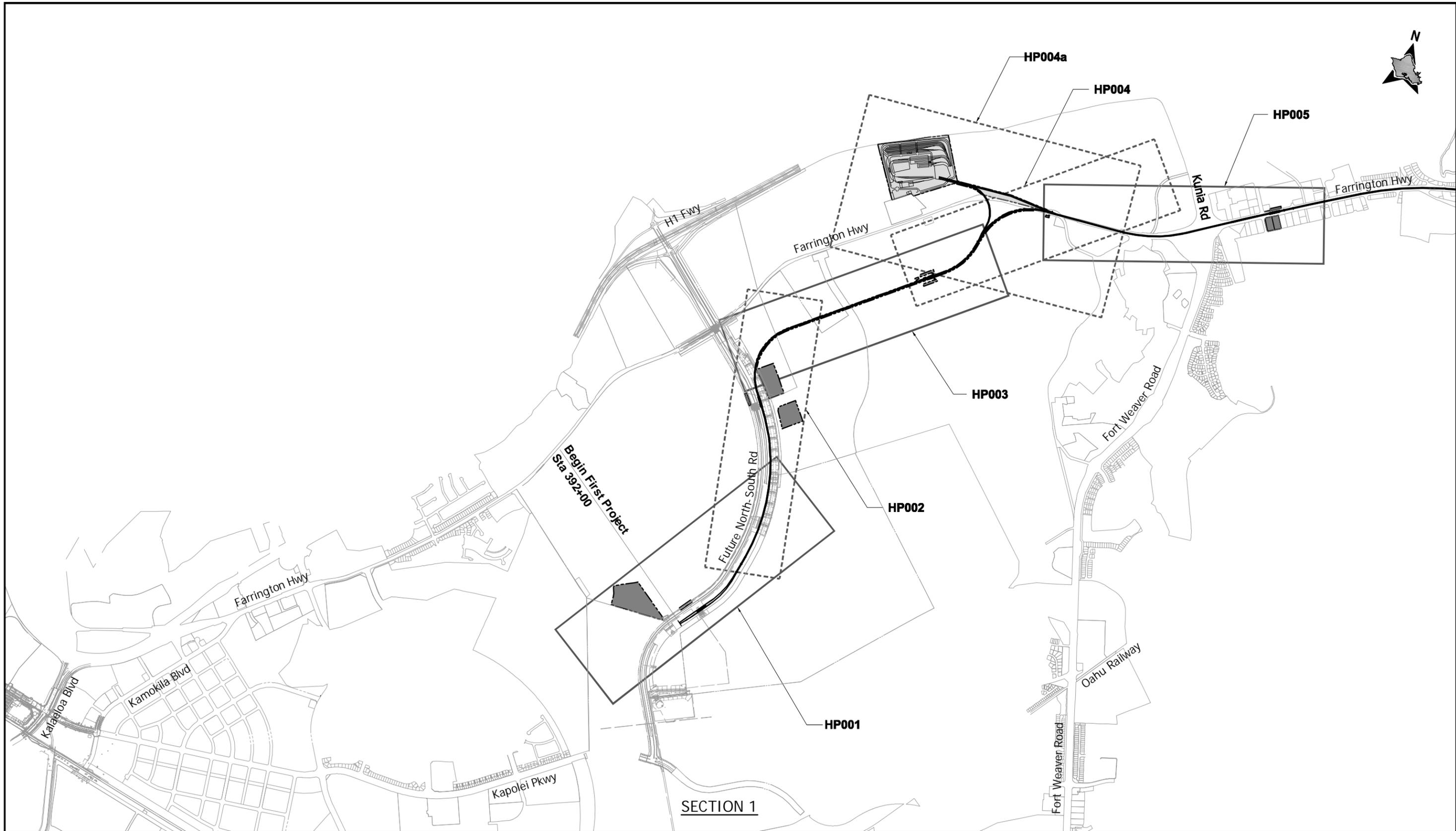
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Drawing No:

**GN002**

Date:

4/6/2009



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CONCEPTUAL ALIGNMENT PLANS AND PROFILES

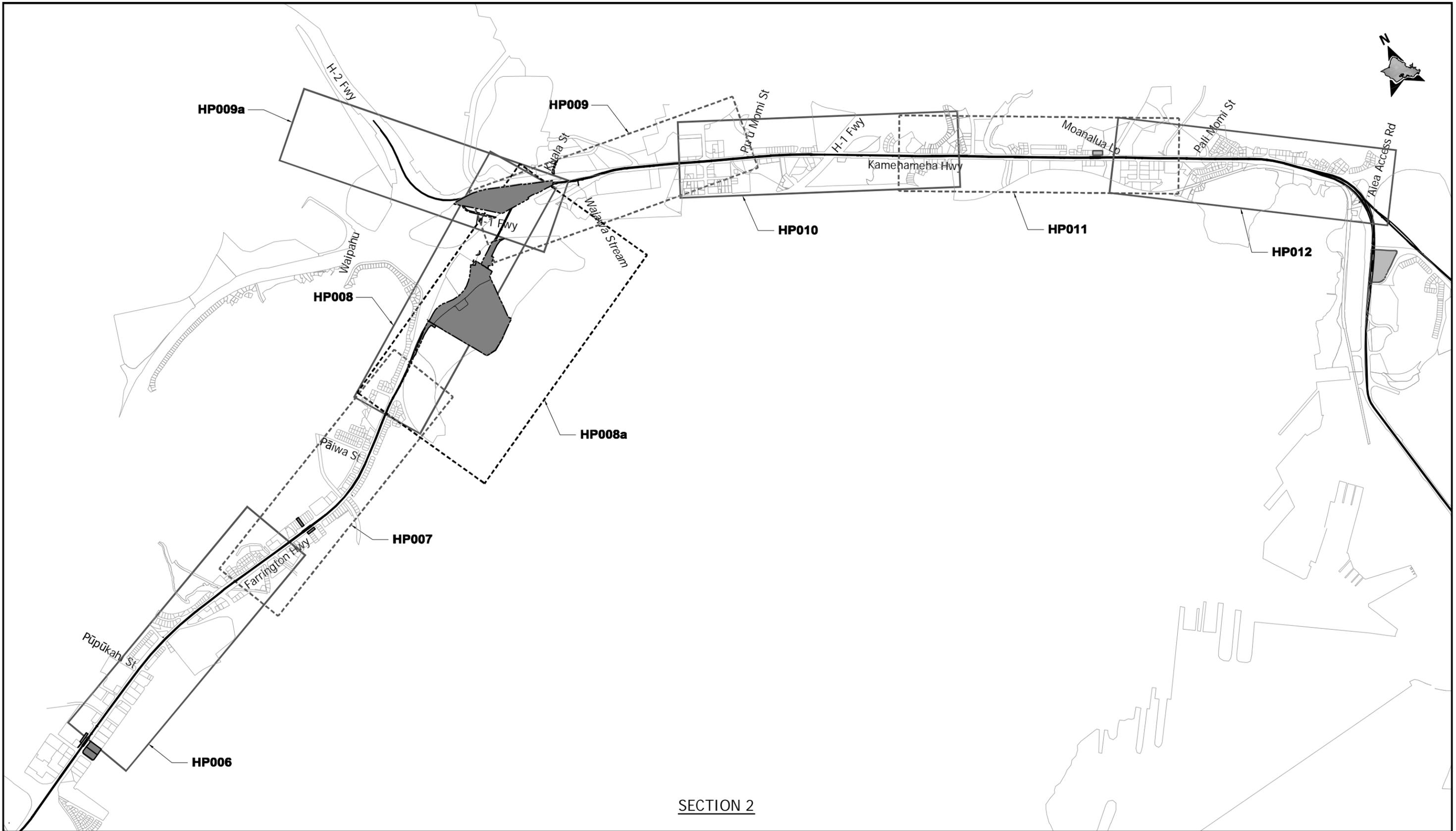
KEY MAP  
EAST KAPOLEI TO FORT WEAVER ROAD

SHEET 1 OF 4

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Drawing No. **GN003**

Date: 4/6/2009



SECTION 2



CITY & COUNTY OF HONOLULU  
DEPARTMENT OF TRANSPORTATION SERVICES  
RAPID TRANSIT DIVISION

HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT

Scale:



CONCEPTUAL ALIGNMENT PLANS AND PROFILES

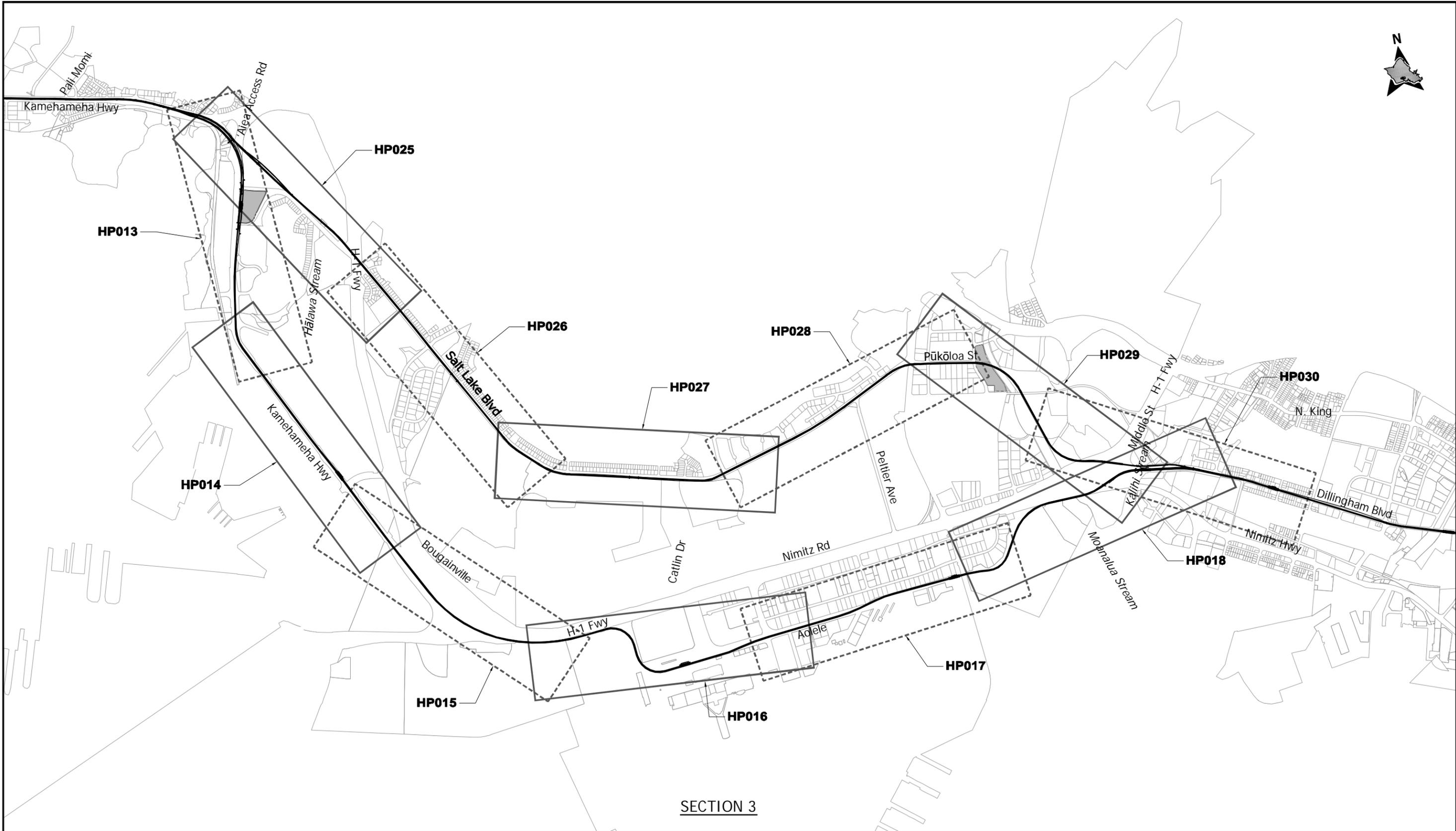
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FORT WEAVER RD TO AIEA ACCESS RD

SHEET 2 OF 4

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Drawing No. **GN004**

Date: 4/6/2009



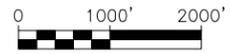
SECTION 3



CITY & COUNTY OF HONOLULU  
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RAPID TRANSIT DIVISION

HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT

Scale:



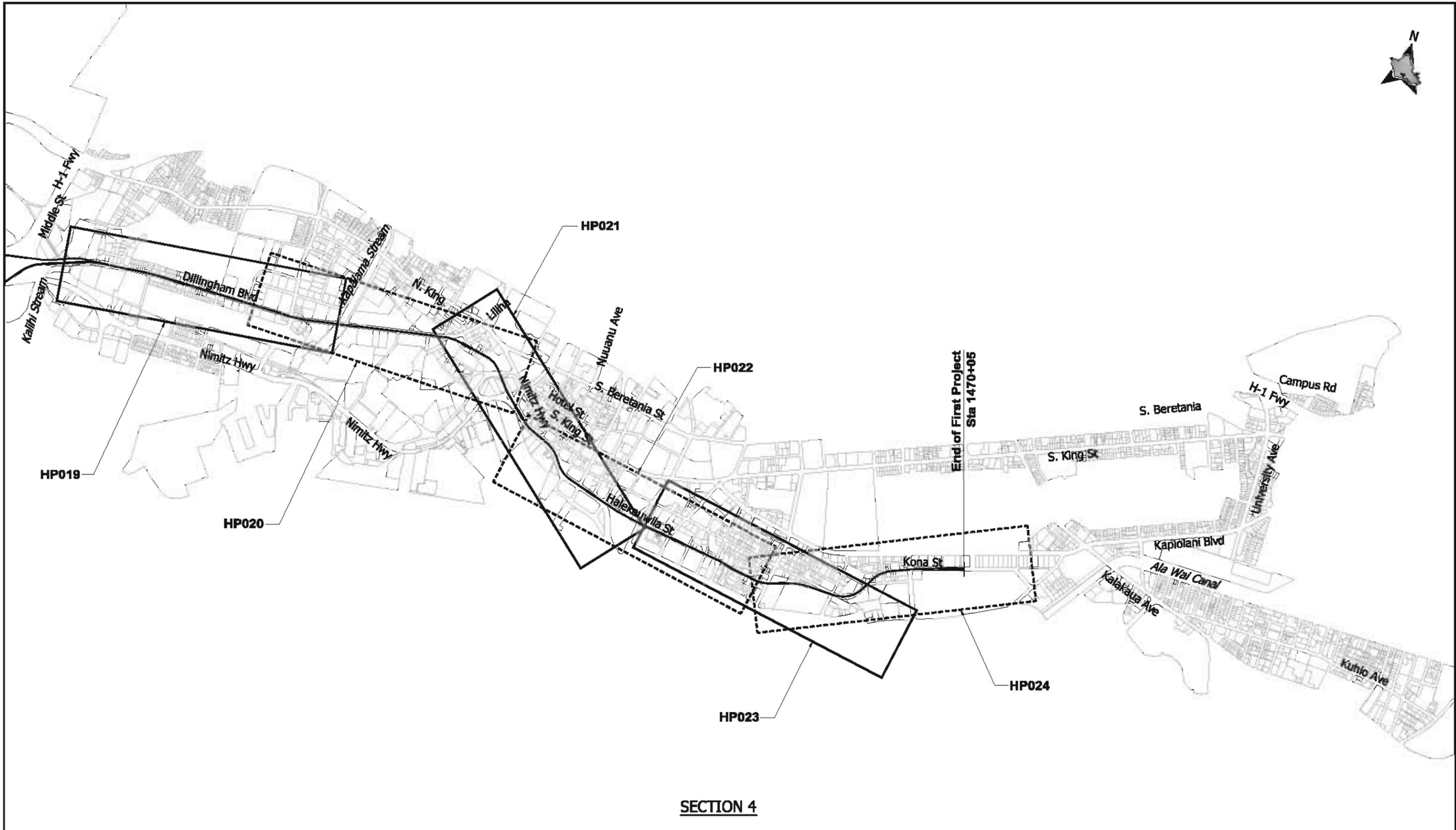
CONCEPTUAL ALIGNMENT PLANS AND PROFILES

KEY MAP  
AIEA ACCESS RD TO MIDDLE ST  
SHEET 3 OF 4

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Date: 4/6/2009



**SECTION 4**



**CITY & COUNTY OF HONOLULU**  
 DEPARTMENT OF TRANSPORTATION SERVICES  
 RAPID TRANSIT DIVISION

**HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT**

Scale:



CONCEPTUAL ALIGNMENT PLANS AND PROFILES

**KEY MAP**  
**MIDDLE ST TO ALA MOANA CENTER**

SHEET 4 OF 4

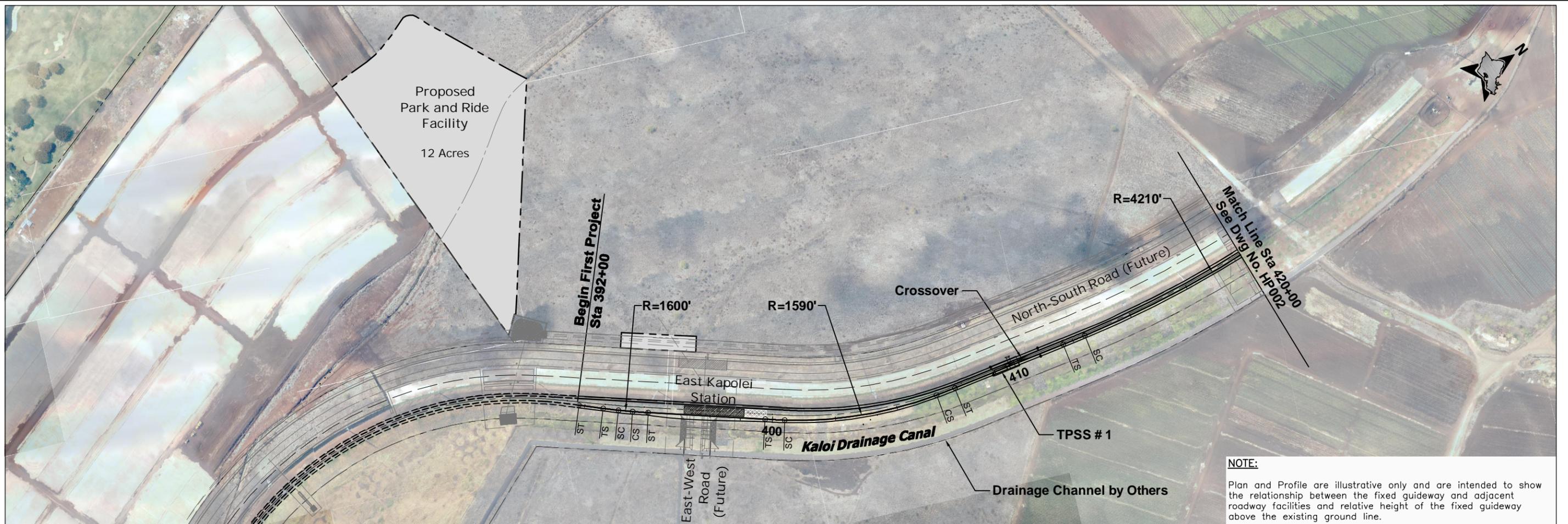
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**GN006**

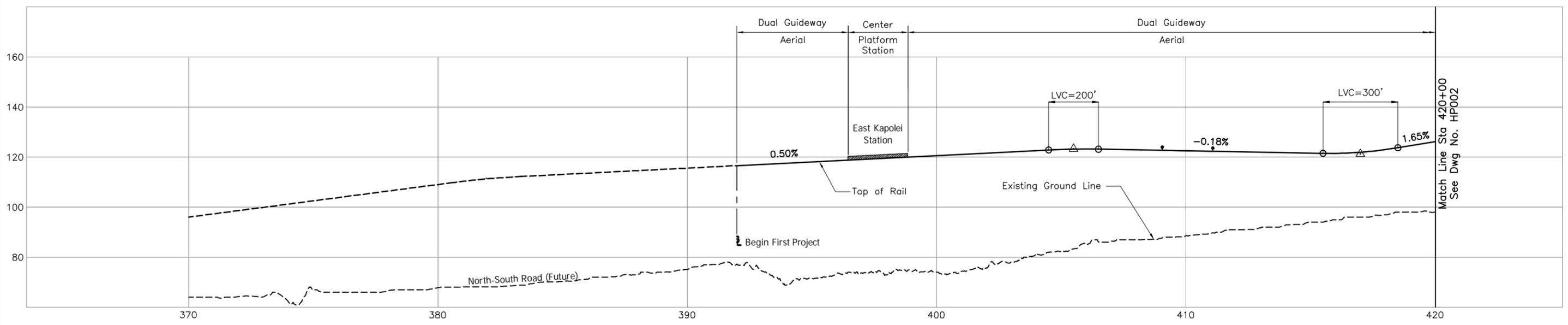
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4/6/2009



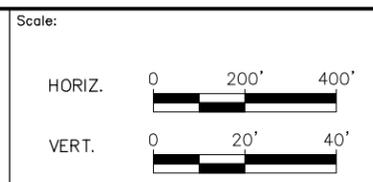
**NOTE:**  
 Plan and Profile are illustrative only and are intended to show the relationship between the fixed guideway and adjacent roadway facilities and relative height of the fixed guideway above the existing ground line.

**NOTE: PLANS ARE CONCEPTUAL AND SUBJECT TO CHANGE**



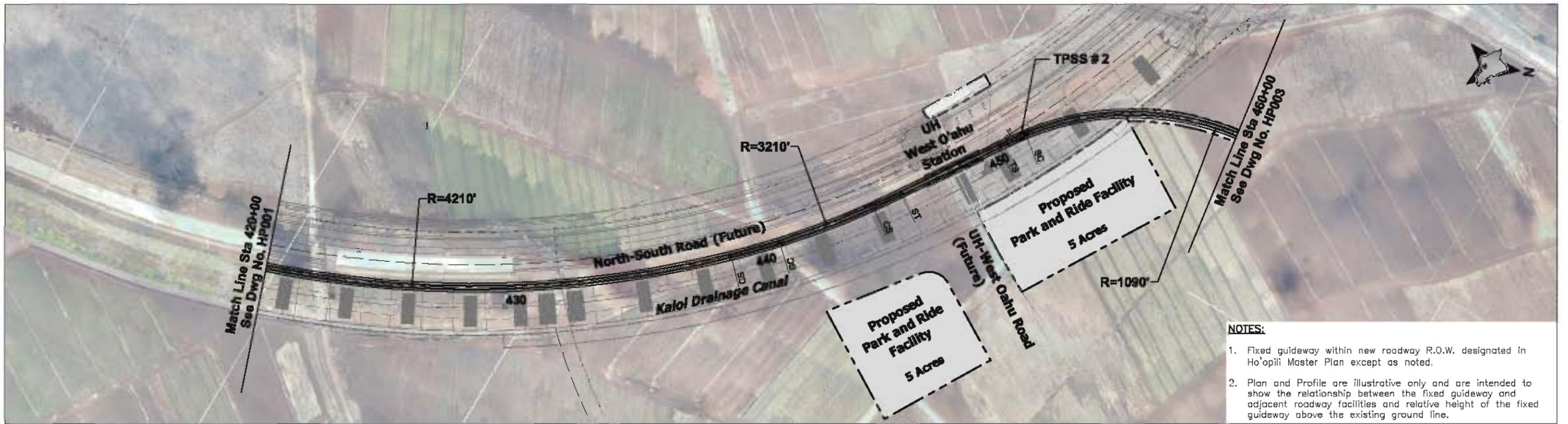
CITY & COUNTY OF HONOLULU  
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HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT



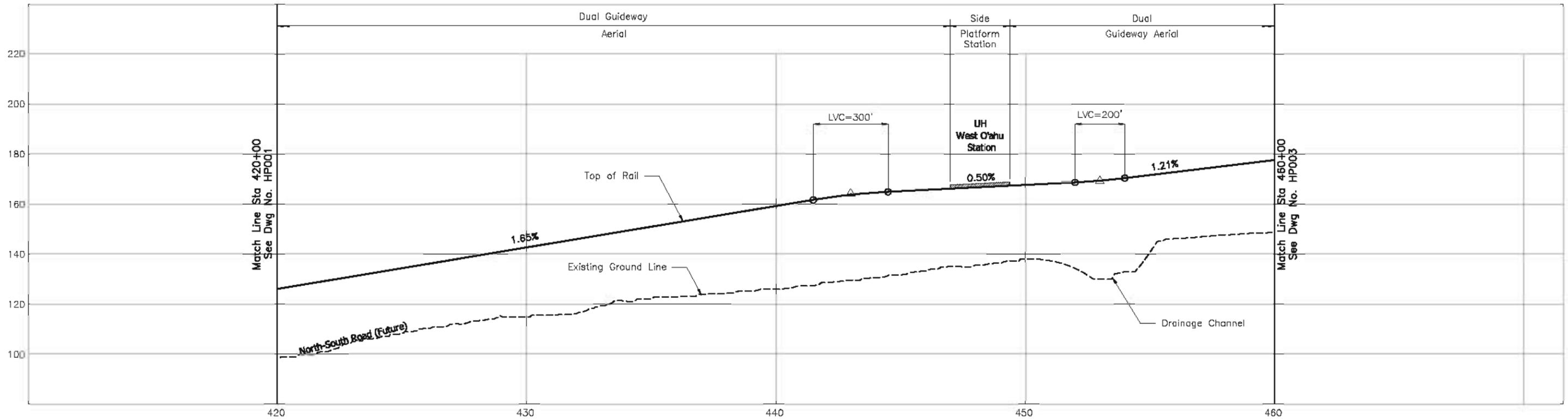
CONCEPTUAL ALIGNMENT PLANS AND PROFILES  
 PROJECT ALIGNMENT, PROFILES AND  
 HISTORIC PROPERTY LOCATIONS  
 STA 392+00 TO STA 420+00

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 Drawing No. **HP001**  
 Date: 4/6/2009



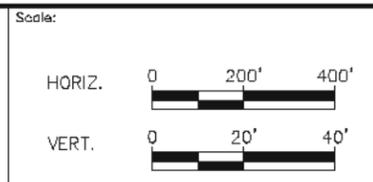
- NOTES:**
1. Fixed guideway within new roadway R.O.W. designated in Ho'opili Master Plan except as noted.
  2. Plan and Profile are illustrative only and are intended to show the relationship between the fixed guideway and adjacent roadway facilities and relative height of the fixed guideway above the existing ground line.

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**HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT**



**CONCEPTUAL ALIGNMENT PLANS AND PROFILES**

**PROJECT ALIGNMENT, PROFILES AND HISTORIC PROPERTY LOCATIONS**

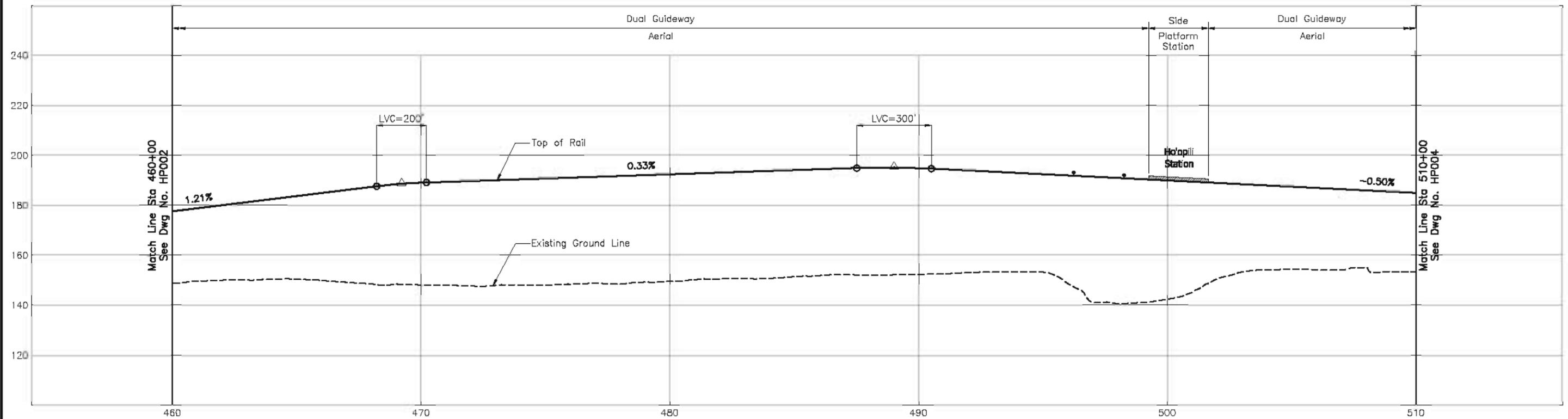
STA 420+00 TO STA 460+00

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Drawing No.	<b>HP002</b>
Date:	4/6/2009



- NOTES:**
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**CONCEPTUAL ALIGNMENT PLANS AND PROFILES**

**PROJECT ALIGNMENT, PROFILES AND  
 HISTORIC PROPERTY LOCATIONS**

STA 460+00 TO STA 510+00

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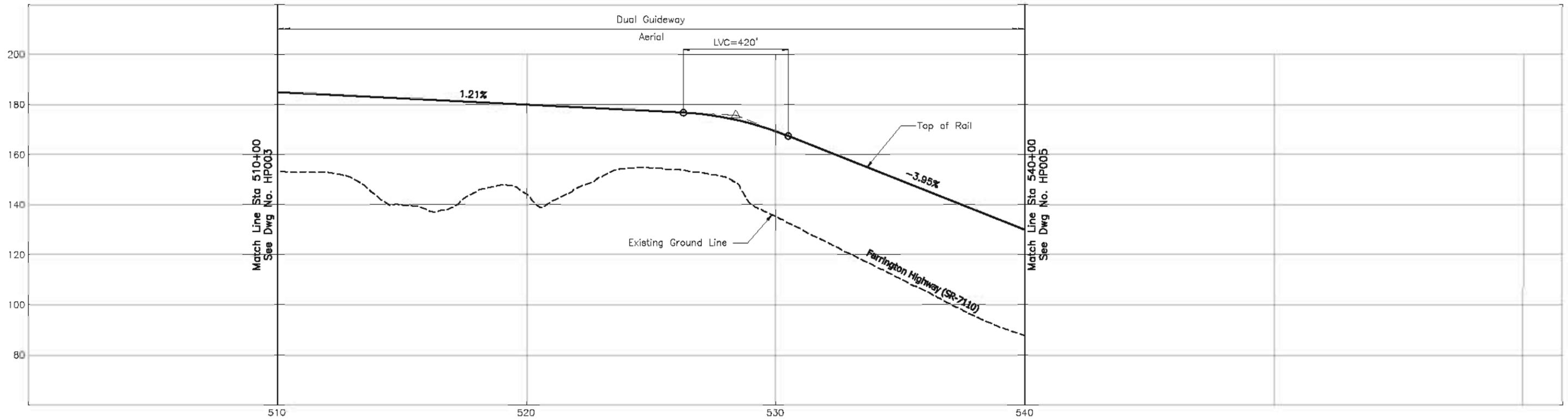
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Date:  
 4/6/2009



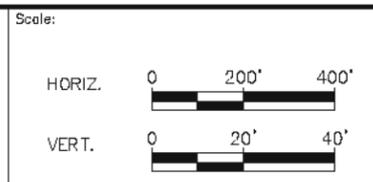
- NOTES:**
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**HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT**



**CONCEPTUAL ALIGNMENT PLANS AND PROFILES**

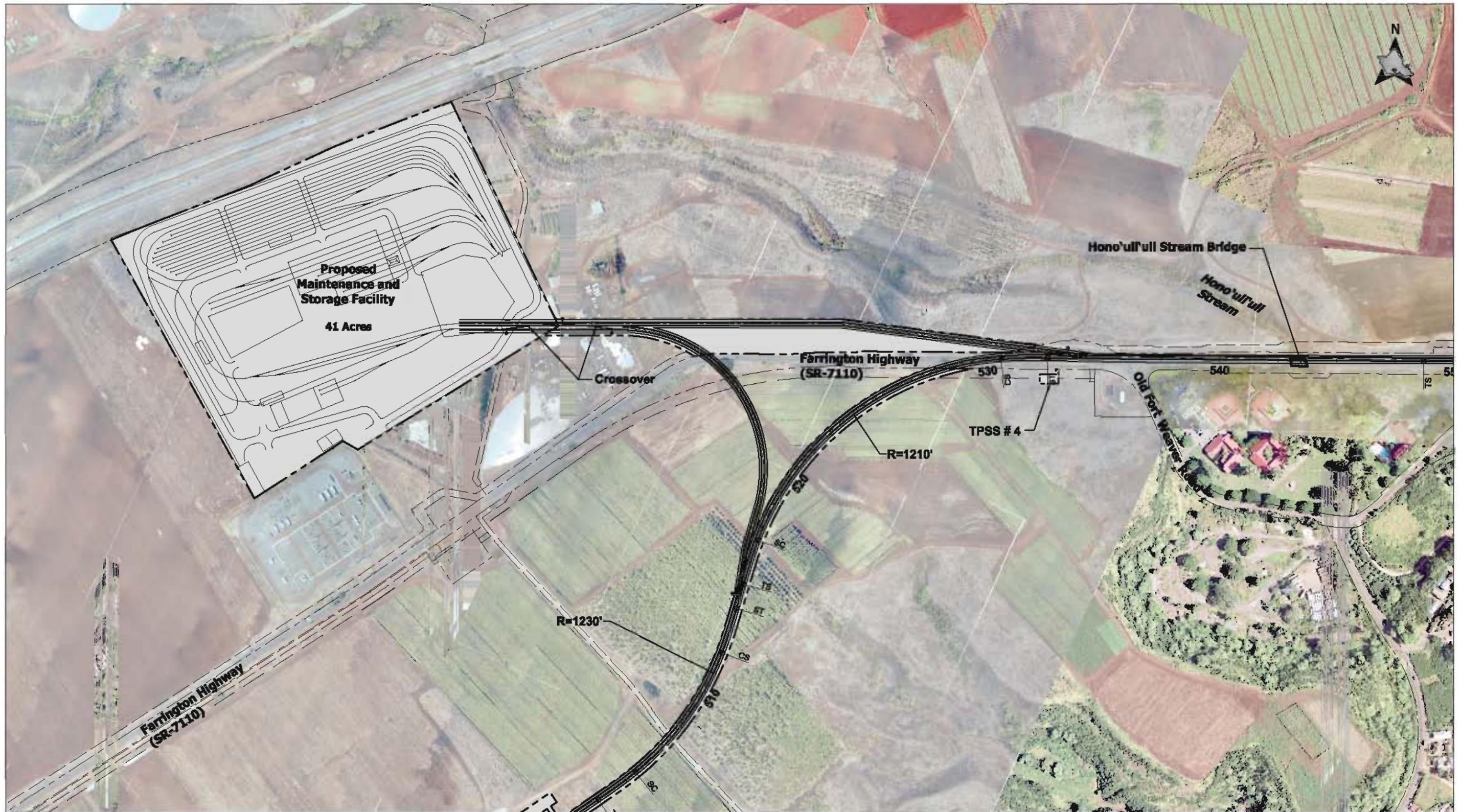
**PROJECT ALIGNMENT, PROFILES AND HISTORIC PROPERTY LOCATIONS**

STA 510+00 TO STA 540+00

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Drawing No. **HP004**

Date: 4/6/2009



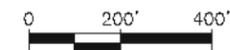
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**RAPID TRANSIT DIVISION**

**HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT**

Scale:



**CONCEPTUAL ALIGNMENT PLANS AND PROFILES**

**PROJECT ALIGNMENT, PROFILES AND  
 HISTORIC PROPERTY LOCATIONS**

FARRINGTON YARD

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Drawing No:

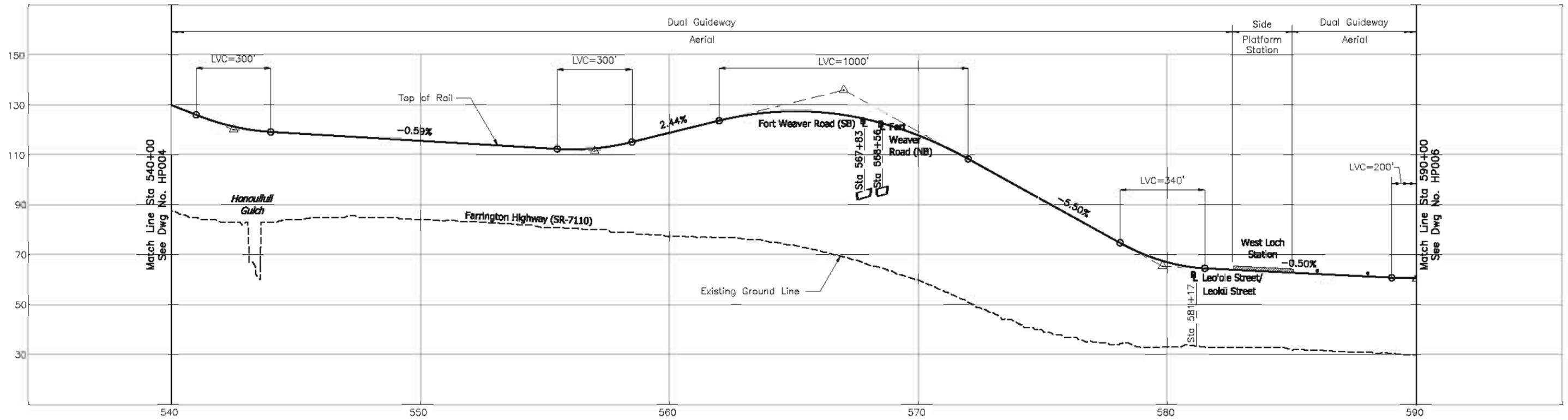
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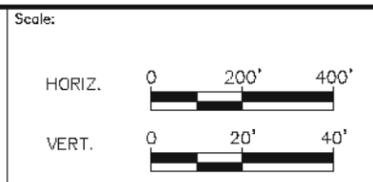
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**HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT**



**CONCEPTUAL ALIGNMENT PLANS AND PROFILES**

**PROJECT ALIGNMENT, PROFILES AND HISTORIC PROPERTY LOCATIONS**

STA 540+00 TO STA 590+00

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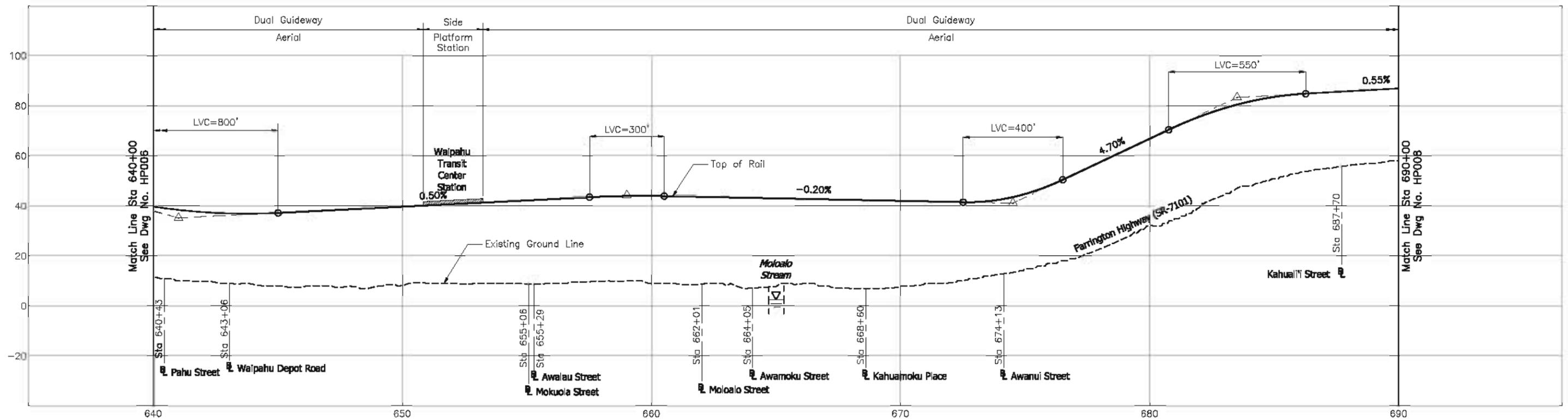
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Date: 4/6/2009





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Scale:



**CONCEPTUAL ALIGNMENT PLANS AND PROFILES**

**PROJECT ALIGNMENT, PROFILES AND  
 HISTORIC PROPERTY LOCATIONS**

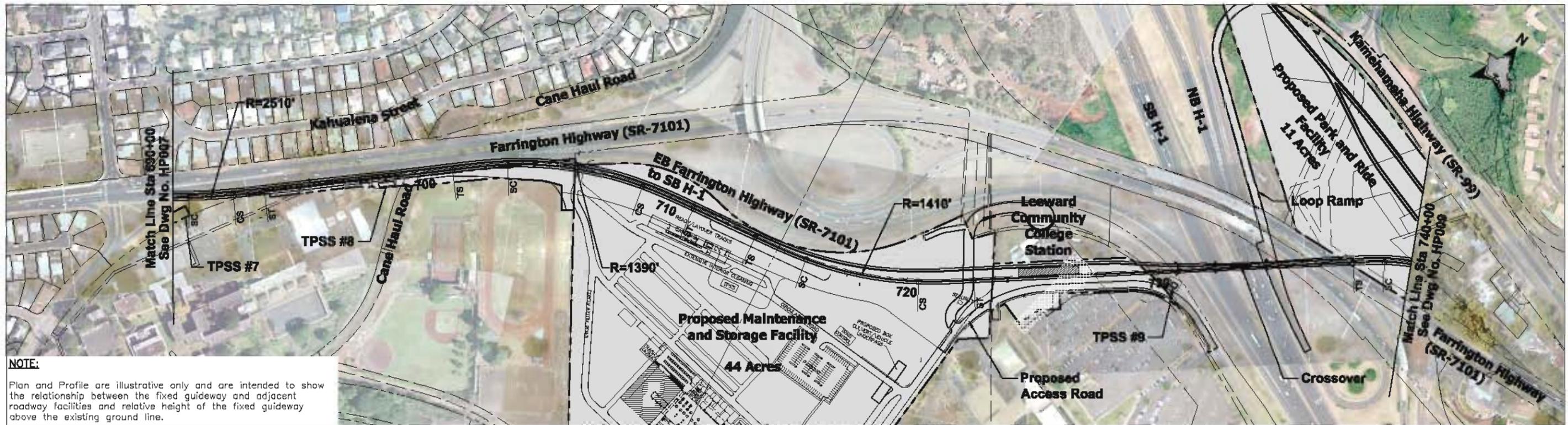
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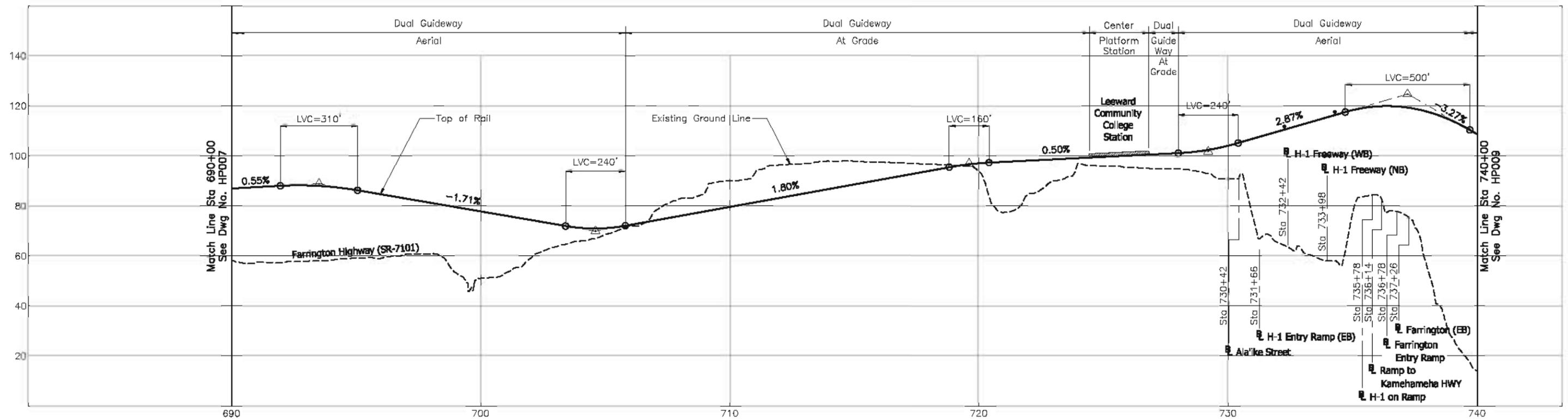
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Date: 4/6/2009



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**HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT**



**CONCEPTUAL ALIGNMENT PLANS AND PROFILES**

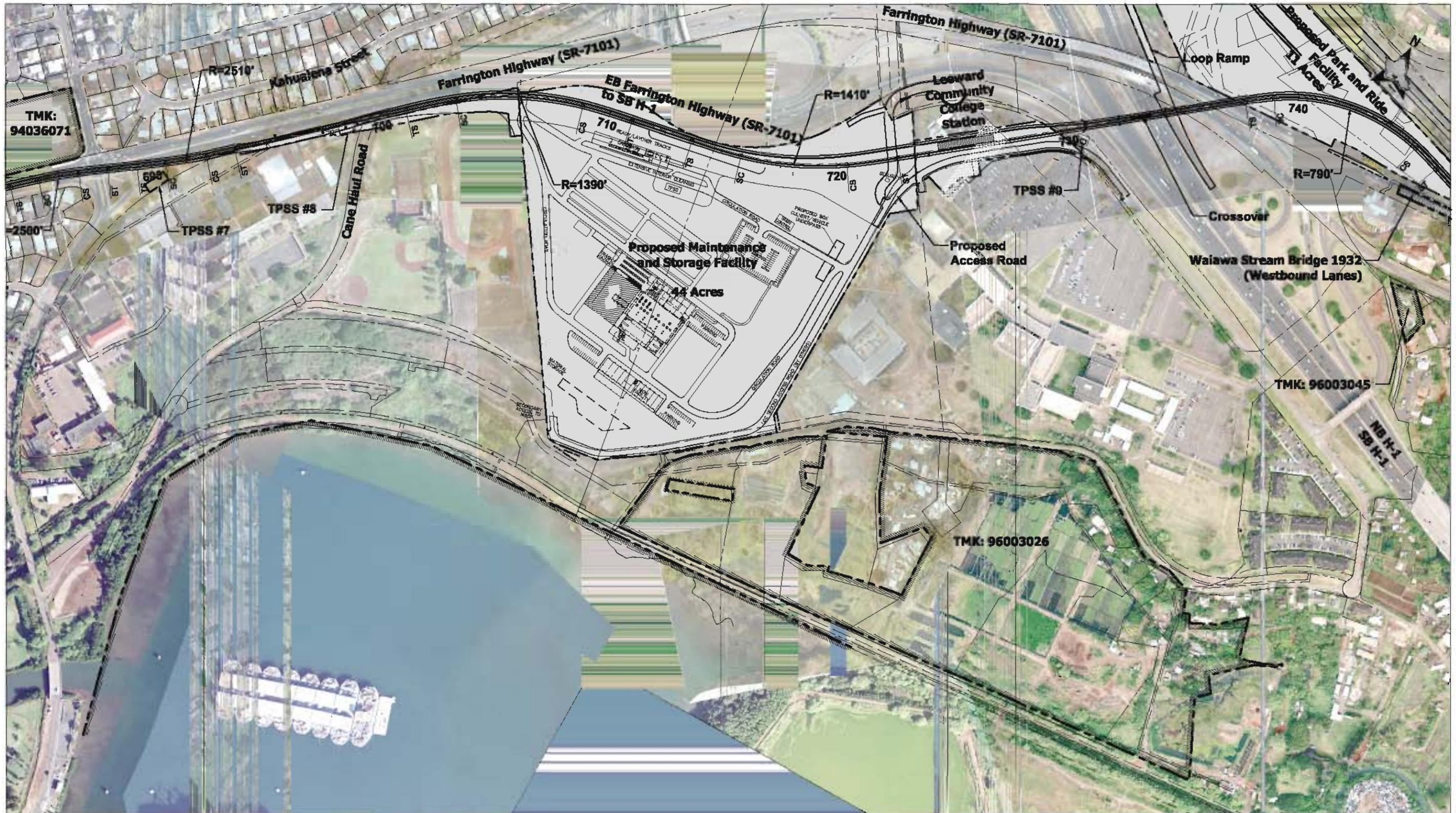
**PROJECT ALIGNMENT, PROFILES AND HISTORIC PROPERTY LOCATIONS**

STA 690+00 TO STA 740+00

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Drawing No. **HP008**

Date: 4/6/2009



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**HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT**

Scale:



CONCEPTUAL ALIGNMENT PLANS AND PROFILES

**PROJECT ALIGNMENT, PROFILES AND  
HISTORIC PROPERTY LOCATIONS**

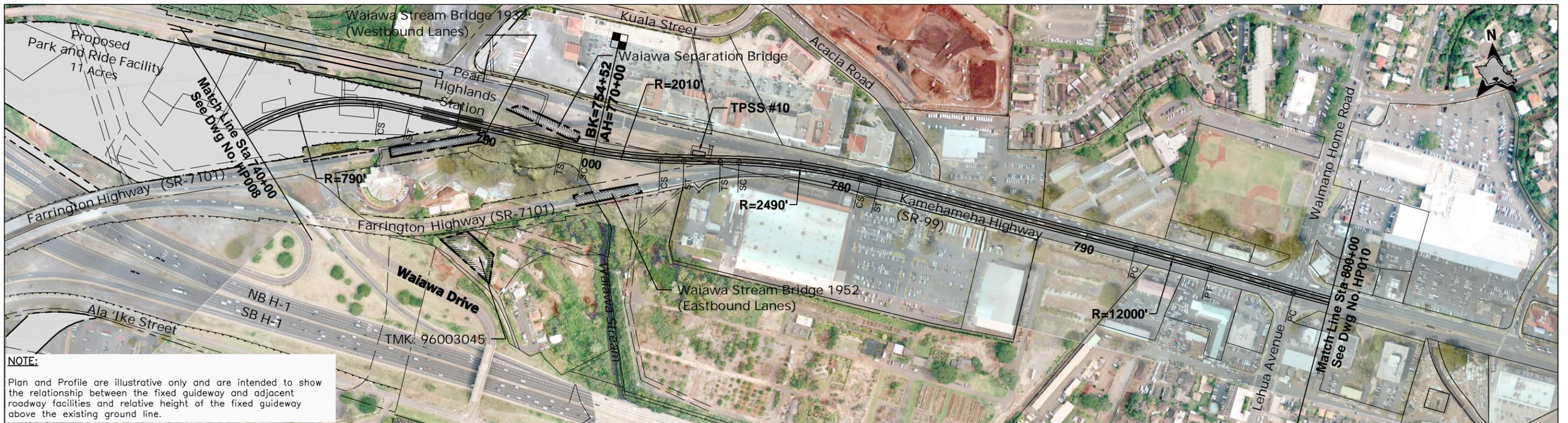
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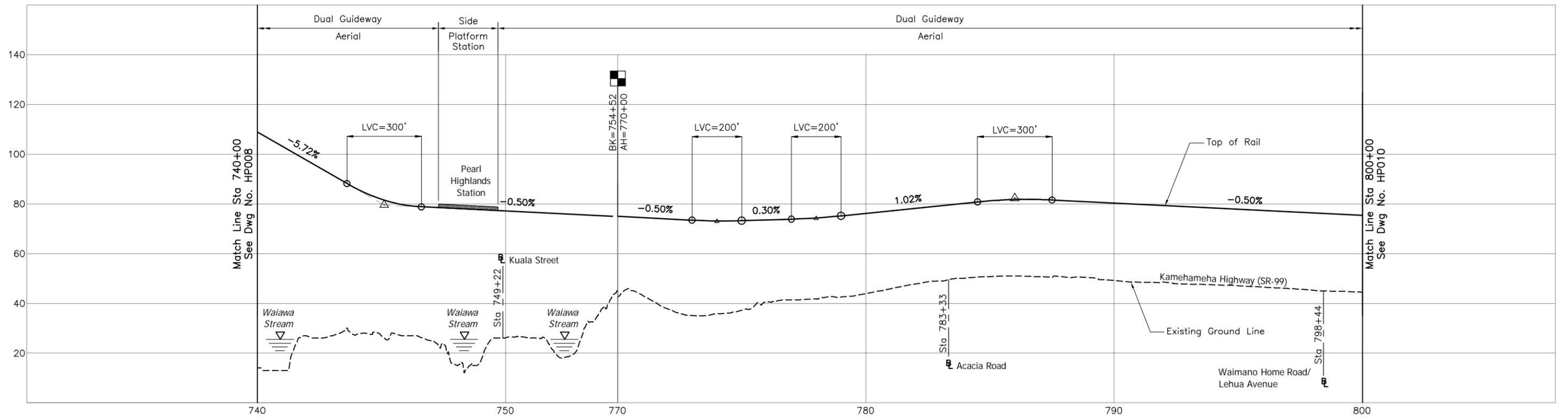
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Date: 4/6/2009



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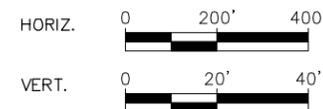
**NOTE: PLANS ARE CONCEPTUAL AND SUBJECT TO CHANGE**



CITY & COUNTY OF HONOLULU  
DEPARTMENT OF TRANSPORTATION SERVICES  
RAPID TRANSIT DIVISION

HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT

Scale:



CONCEPTUAL ALIGNMENT PLANS AND PROFILES

PROJECT ALIGNMENT, PROFILES AND  
HISTORIC PROPERTY LOCATIONS

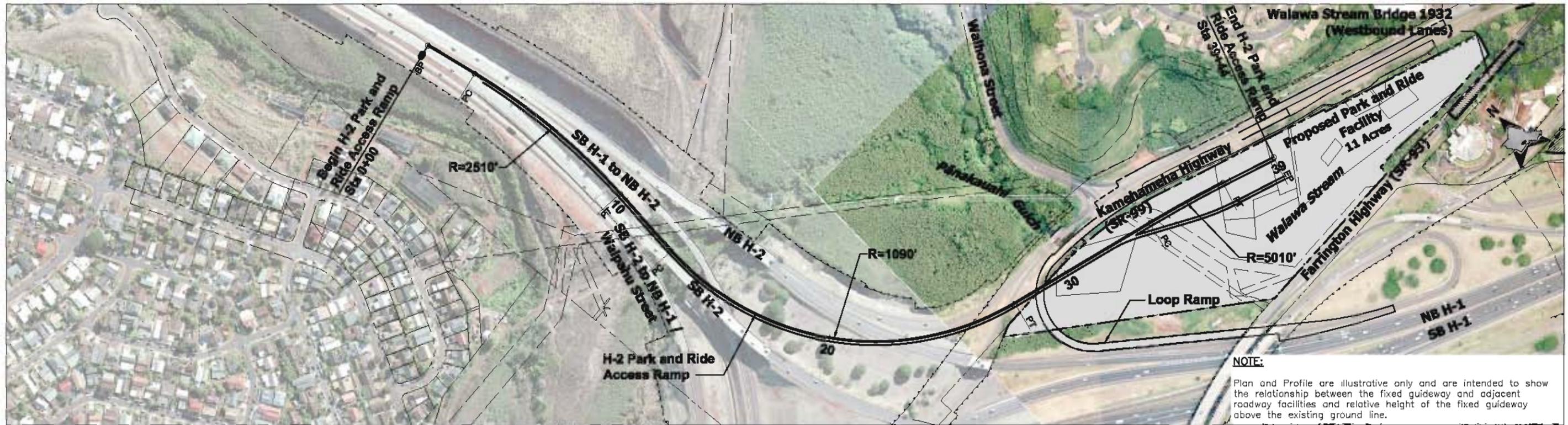
STA 740+00 TO STA 800+00

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Drawing No:

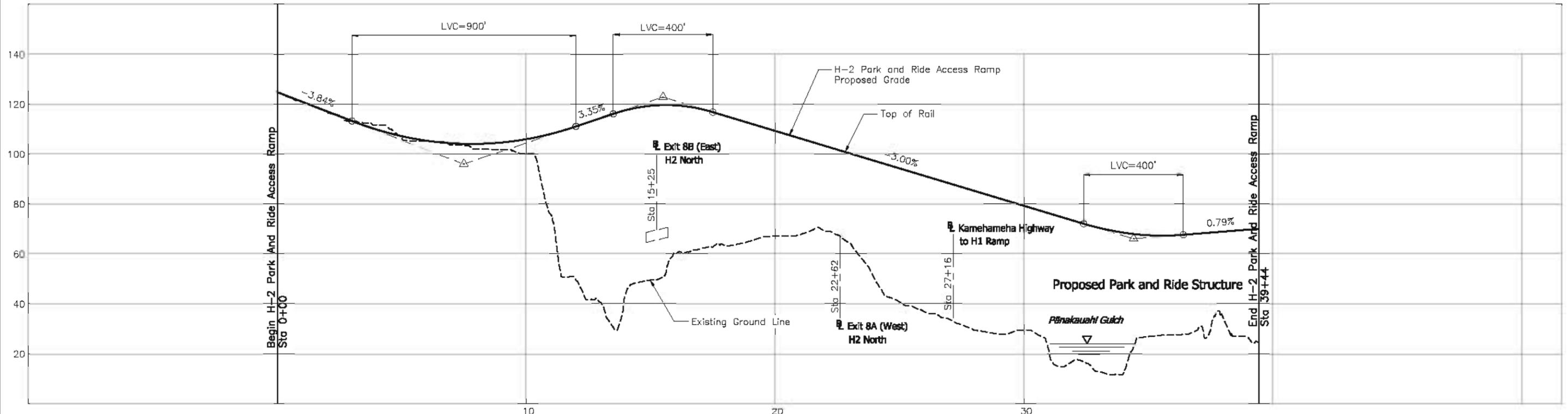
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Date: 4/6/2009



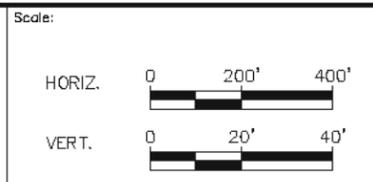
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**CITY & COUNTY OF HONOLULU**  
DEPARTMENT OF TRANSPORTATION SERVICES  
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**CONCEPTUAL ALIGNMENT PLANS AND PROFILES**

**PROJECT ALIGNMENT, PROFILES AND HISTORIC PROPERTY LOCATIONS**

H-2 PARK AND RIDE ACCESS RAMP

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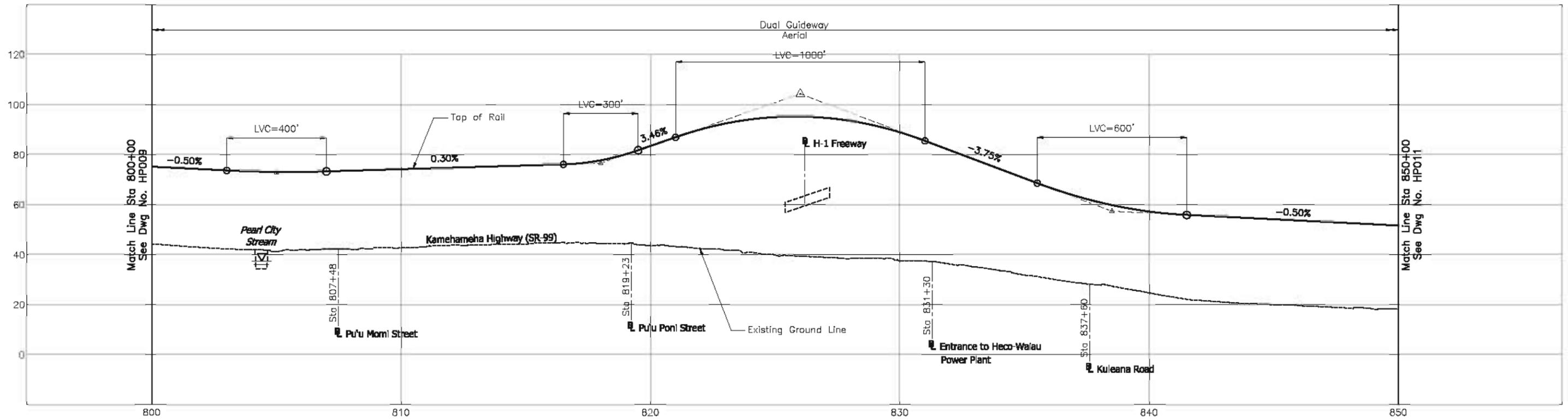
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Date. 4/6/2009



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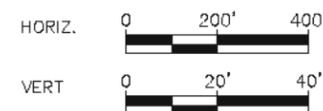
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DEPARTMENT OF TRANSPORTATION SERVICES  
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**HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT**

Scale:



**CONCEPTUAL ALIGNMENT PLANS AND PROFILES**

**PROJECT ALIGNMENT, PROFILES AND  
HISTORIC PROPERTY LOCATIONS**

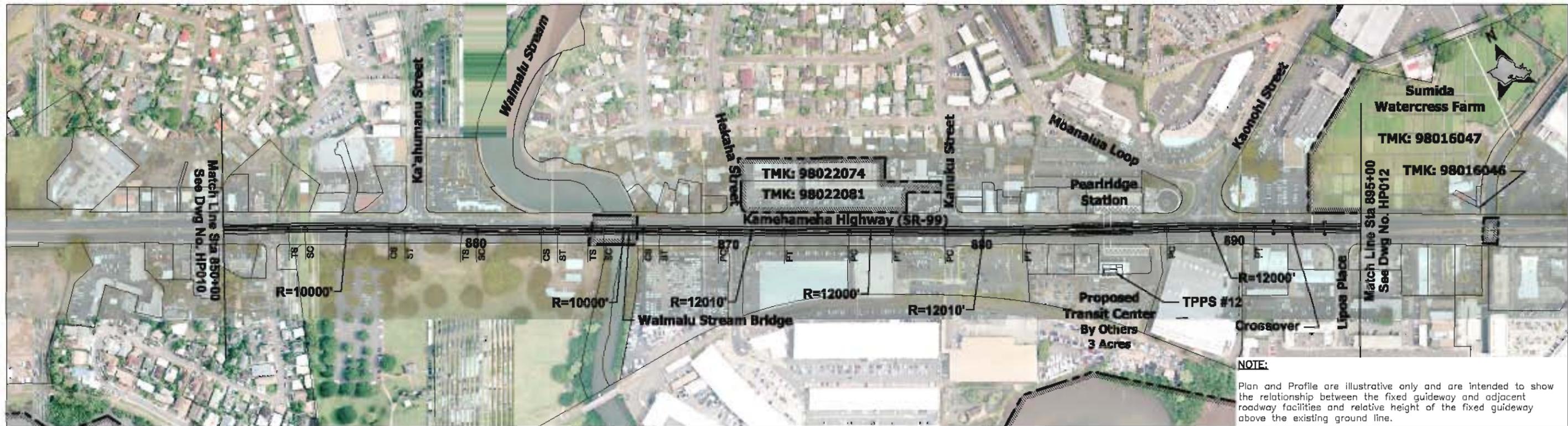
STA 800+00 TO STA 850+00

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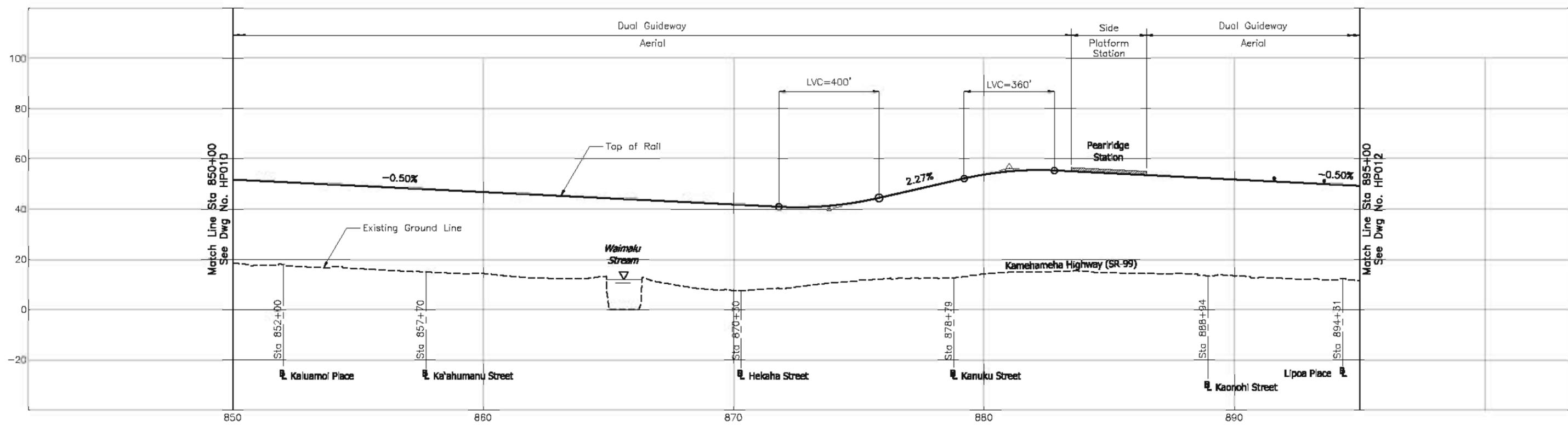
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Date: 4/6/2009



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**CITY & COUNTY OF HONOLULU**  
DEPARTMENT OF TRANSPORTATION SERVICES  
RAPID TRANSIT DIVISION

**HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT**



**CONCEPTUAL ALIGNMENT PLANS AND PROFILES**

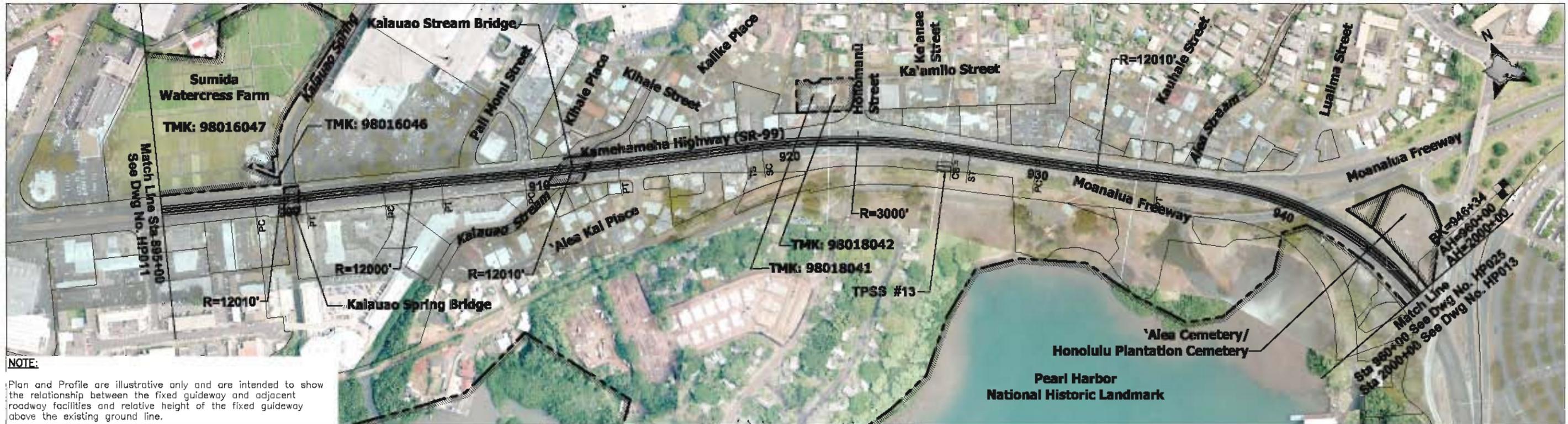
**PROJECT ALIGNMENT, PROFILES AND HISTORIC PROPERTY LOCATIONS**

STA 850+00 TO STA 895+00

Page No. 20 of 39

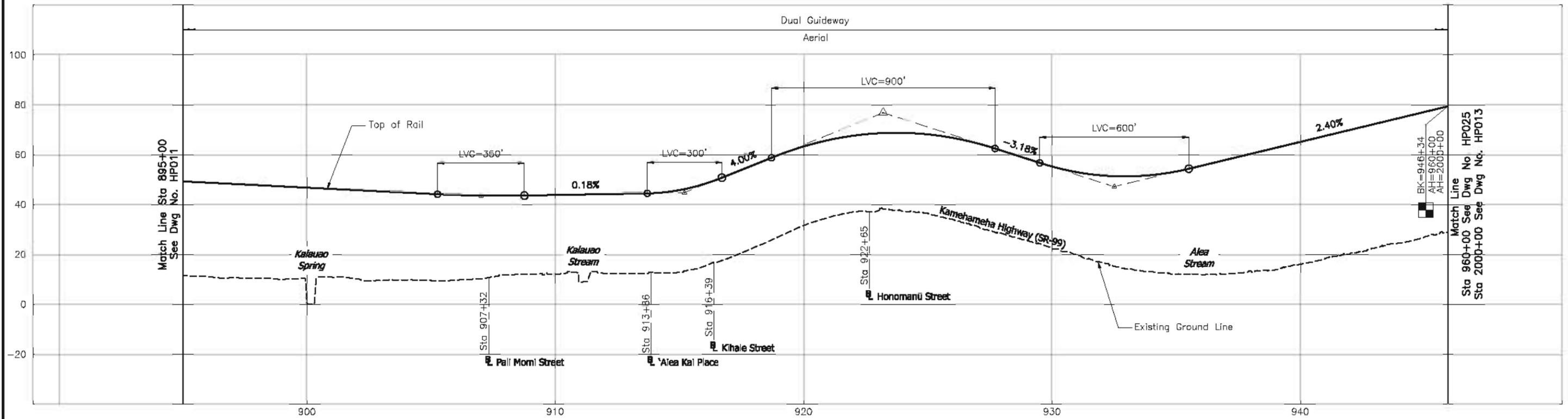
Drawing No. **HP011**

Date: 4/6/2009



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**HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT**



**CONCEPTUAL ALIGNMENT PLANS AND PROFILES**

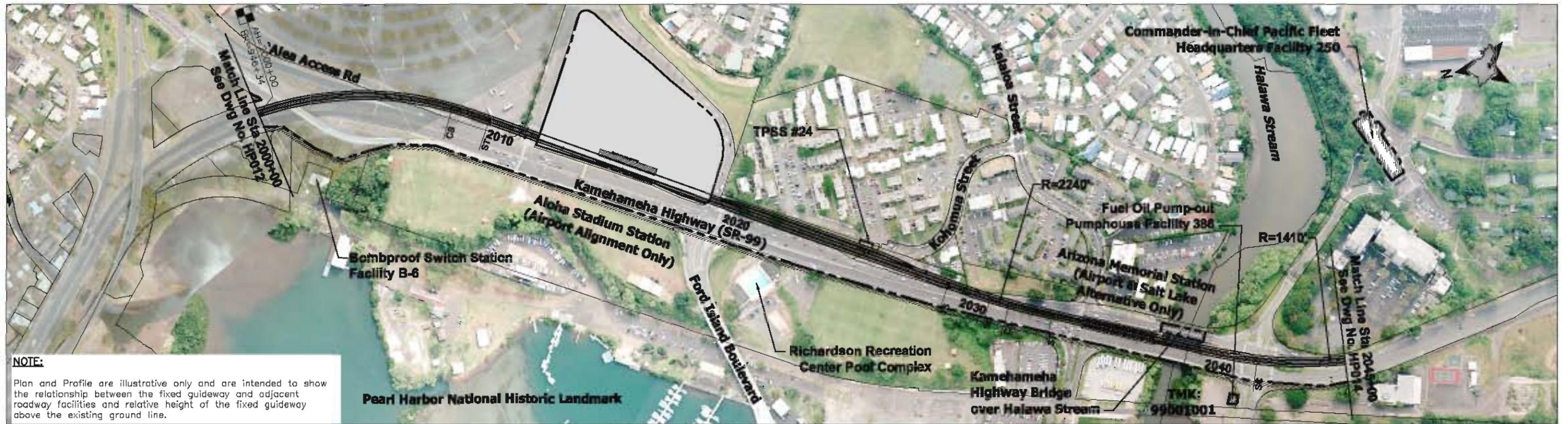
**PROJECT ALIGNMENT, PROFILES AND HISTORIC PROPERTY LOCATIONS**

STA 895+00 TO STA 2000+00

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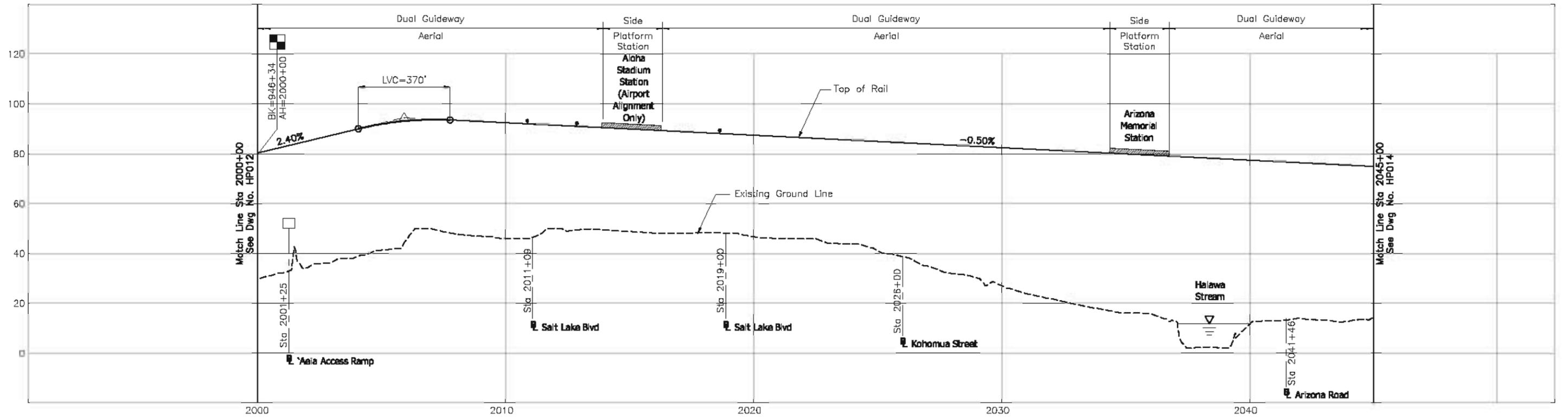
Drawing No. **HP012**

Date: 4/6/2009



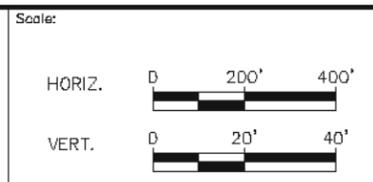
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**HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT**



**CONCEPTUAL ALIGNMENT PLANS AND PROFILES**

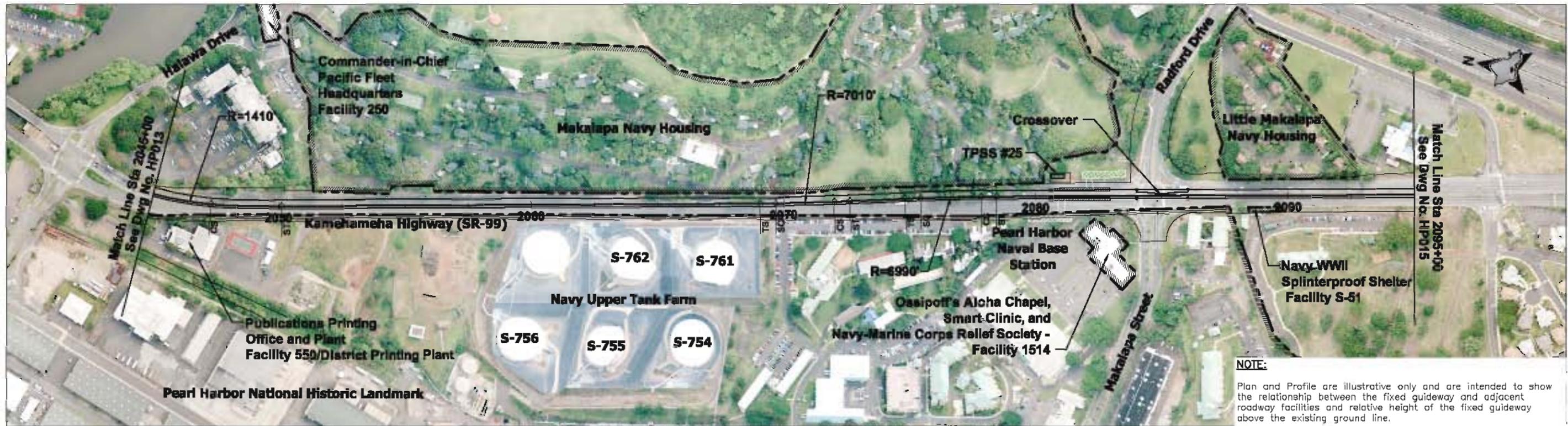
**PROJECT ALIGNMENT, PROFILES AND HISTORIC PROPERTY LOCATIONS**

STA 2000+00 TO STA 2045+00

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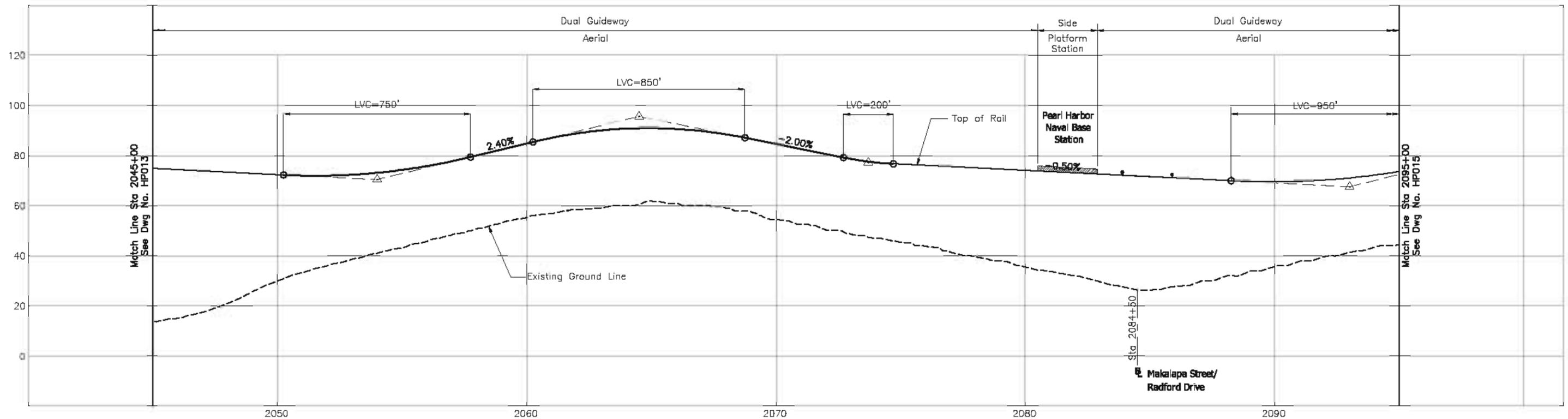
Drawing No. **HP013**

Date: 4/6/2009



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**HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT**

Scale:



CONCEPTUAL ALIGNMENT PLANS AND PROFILES

**PROJECT ALIGNMENT, PROFILES AND  
HISTORIC PROPERTY LOCATIONS**

STA 2045+00 TO STA 2095+00

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Drawing No.

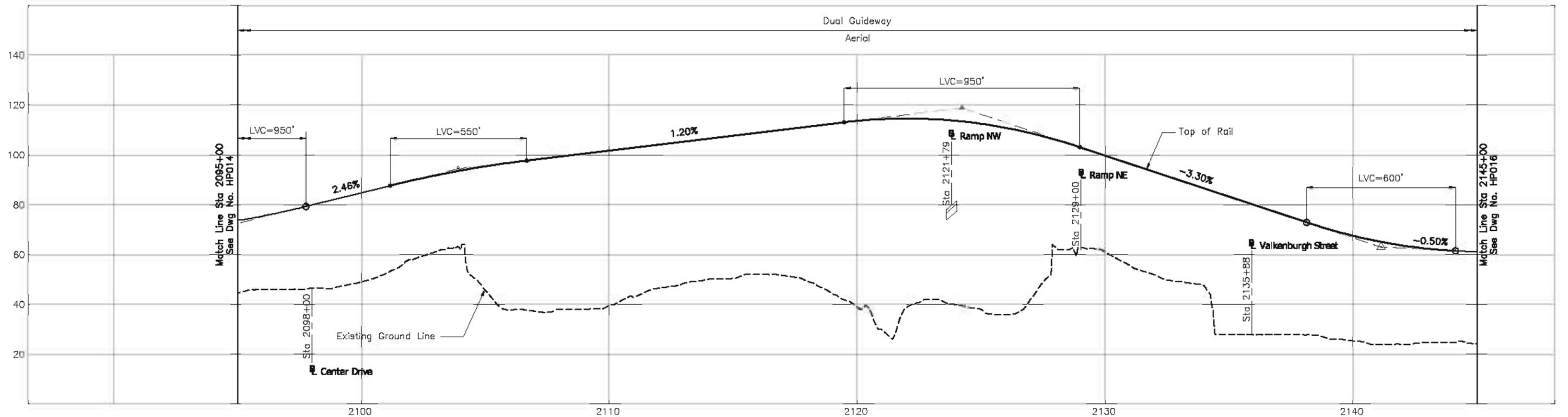
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Date: 4/6/2009



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**HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT**

Scale:



**CONCEPTUAL ALIGNMENT PLANS AND PROFILES**

**PROJECT ALIGNMENT, PROFILES AND HISTORIC PROPERTY LOCATIONS**

STA 1040+00 TO STA 1095+00

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Drawing No.

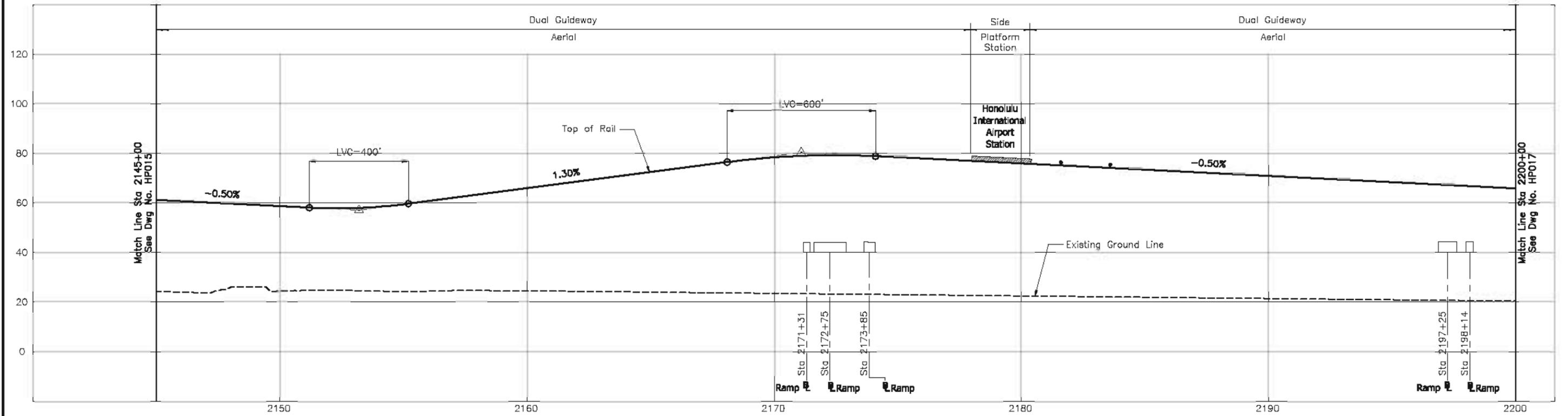
**HP015**

Date: 4/6/2009



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**HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT**



**CONCEPTUAL ALIGNMENT PLANS AND PROFILES**

**PROJECT ALIGNMENT, PROFILES AND HISTORIC PROPERTY LOCATIONS**

STA 1095+00 TO STA 1150+00

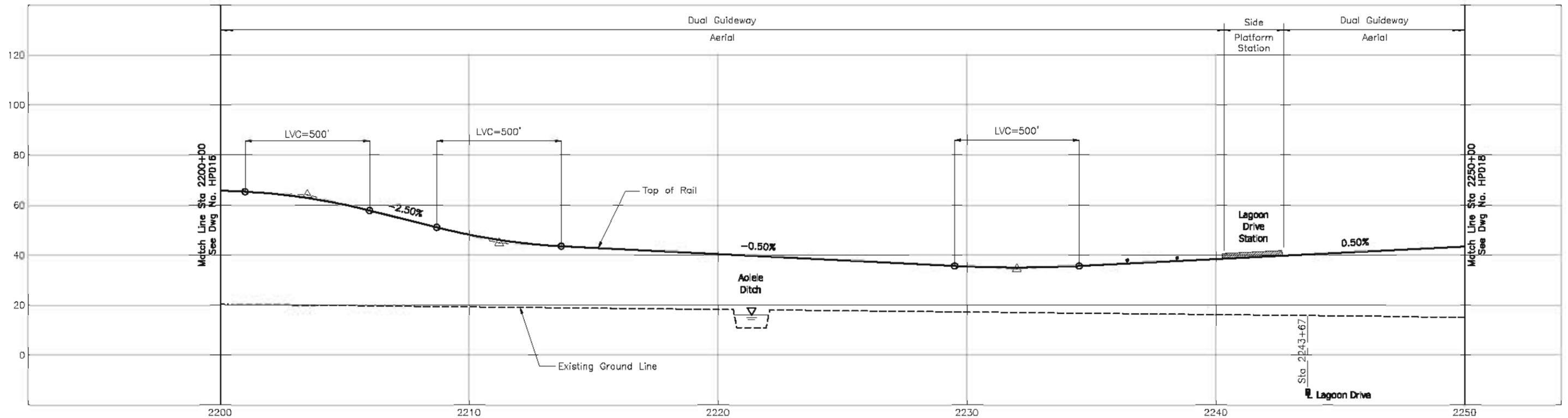
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Drawing No. **HP016**

Date: 4/6/2009



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DEPARTMENT OF TRANSPORTATION SERVICES  
RAPID TRANSIT DIVISION

**HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT**



**CONCEPTUAL ALIGNMENT PLANS AND PROFILES**

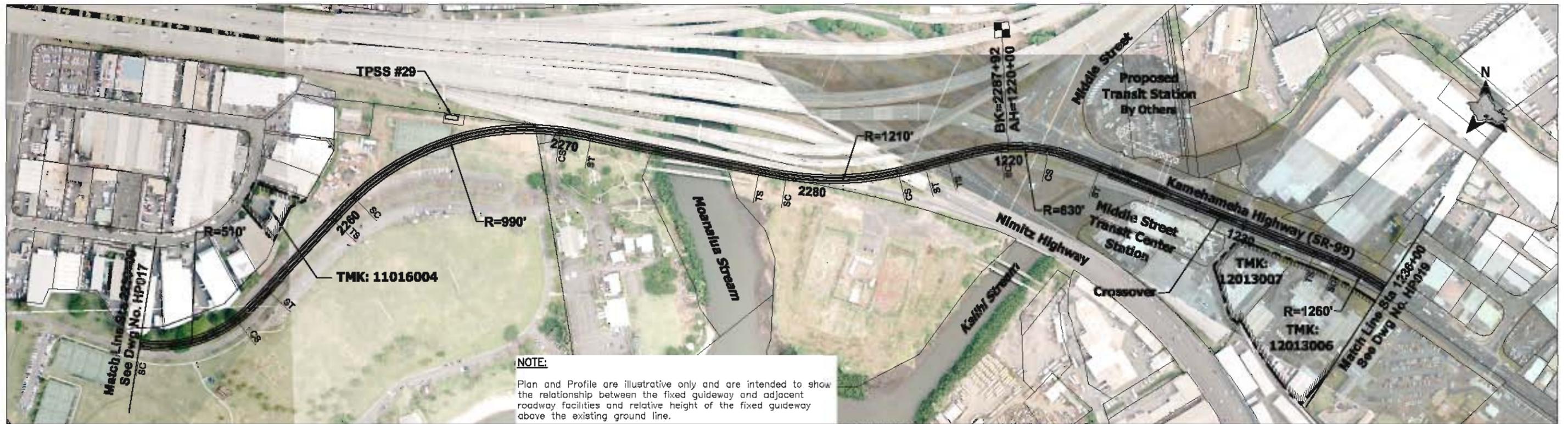
**PROJECT ALIGNMENT, PROFILES AND HISTORIC PROPERTY LOCATIONS**

STA 1150+00 TO STA 1200+00

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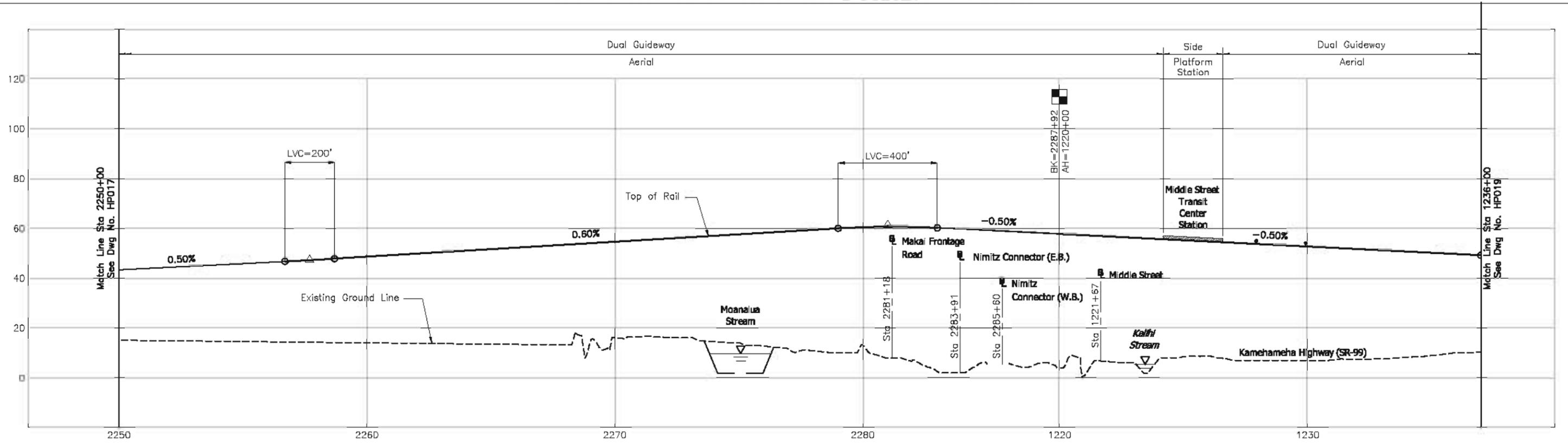
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Date: 4/6/2009



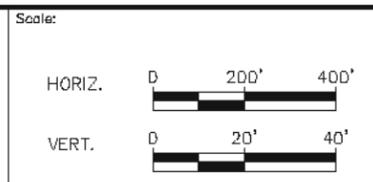
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 RAPID TRANSIT DIVISION

**HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT**



**CONCEPTUAL ALIGNMENT PLANS AND PROFILES**

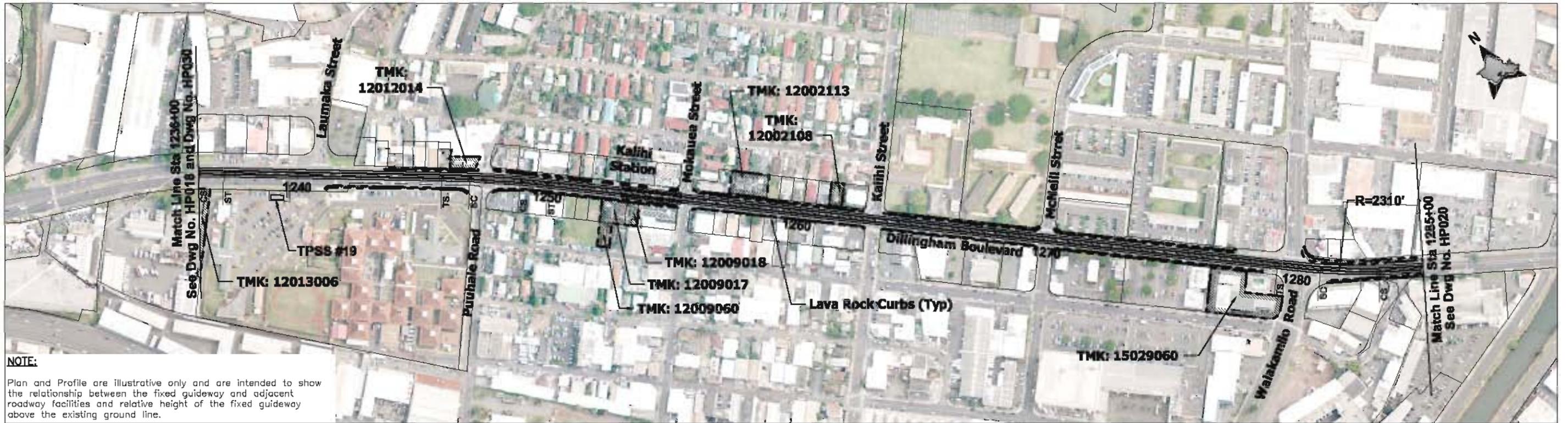
**PROJECT ALIGNMENT, PROFILES AND HISTORIC PROPERTY LOCATIONS**

STA 1200+00 TO STA 1239+34

Page No. 27 of 39

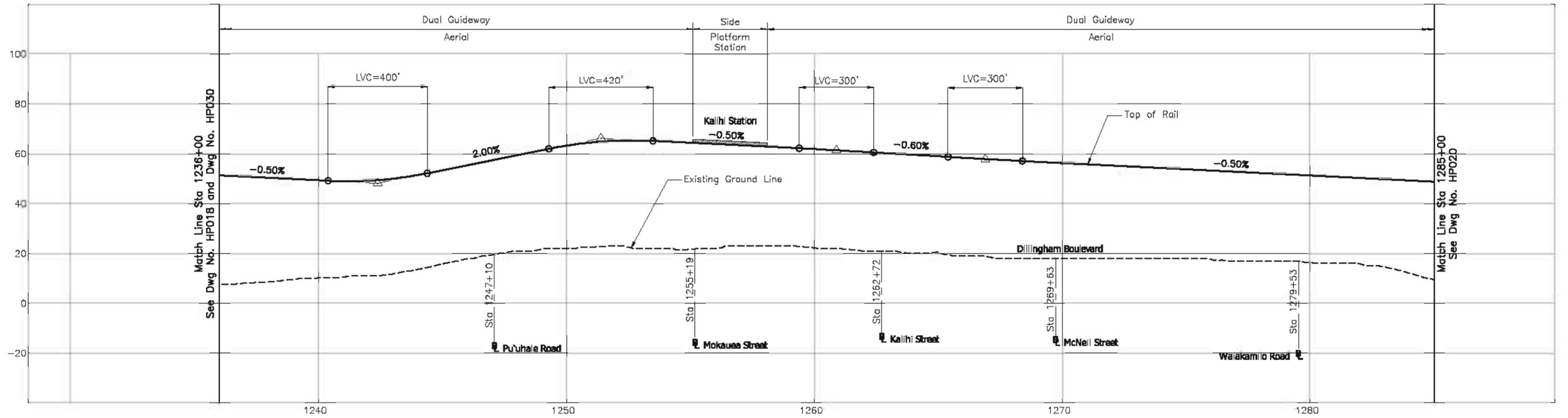
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Date: 4/6/2009



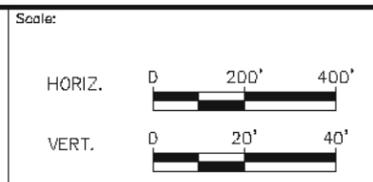
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 RAPID TRANSIT DIVISION

**HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT**

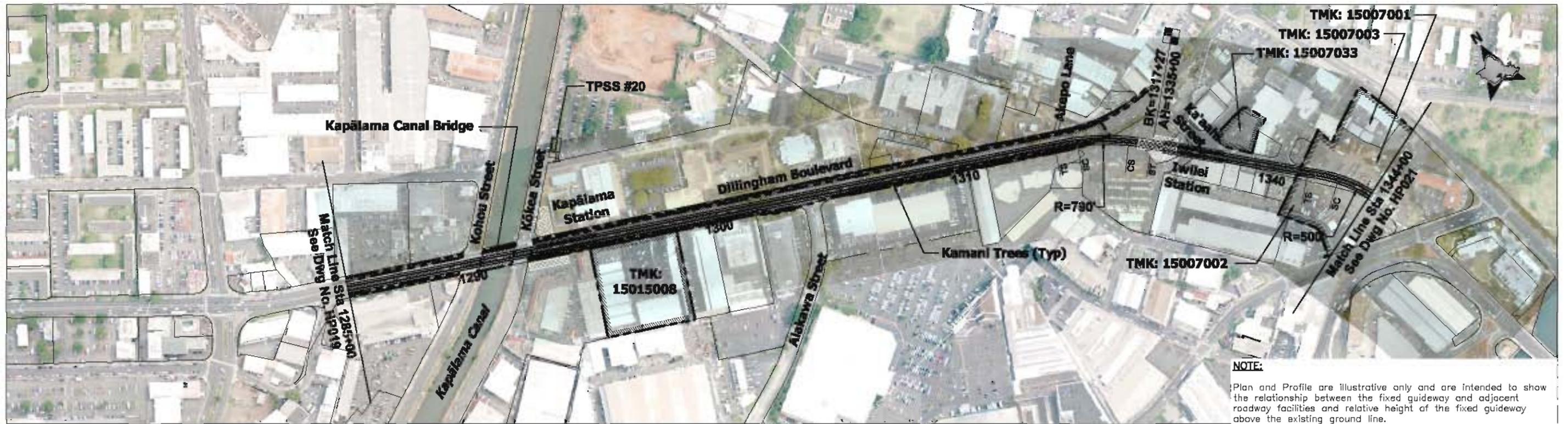


**CONCEPTUAL ALIGNMENT PLANS AND PROFILES**

**PROJECT ALIGNMENT, PROFILES AND HISTORIC PROPERTY LOCATIONS**

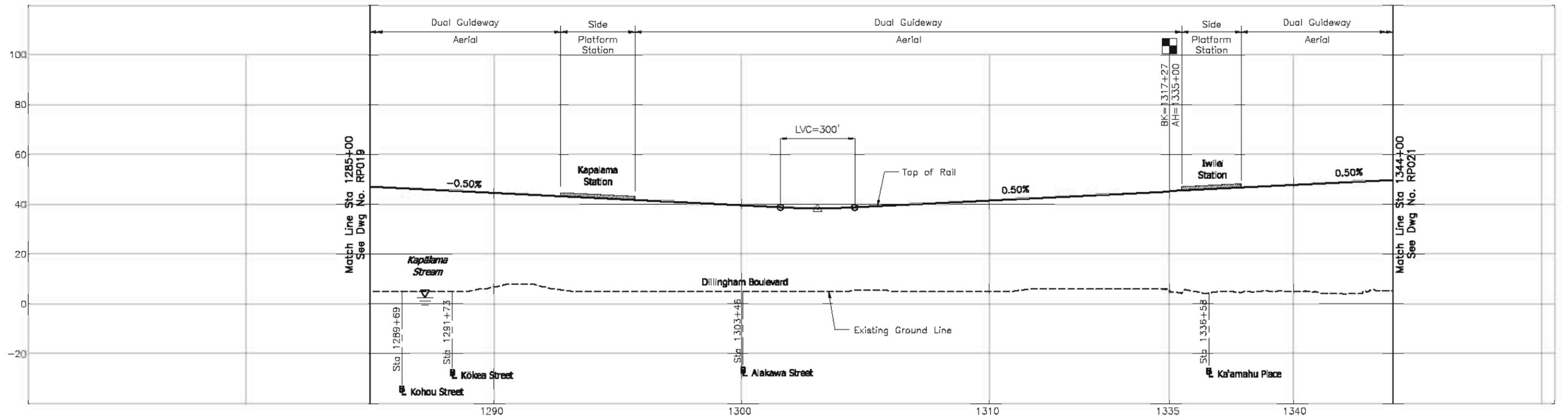
STA 1239+34 TO STA 1280+00

Page No. 28 of 39  
 Drawing No. **HP019**  
 Date: 4/6/2009



**NOTE: PLANS ARE CONCEPTUAL AND SUBJECT TO CHANGE**

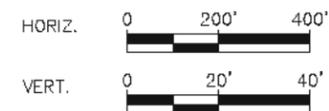
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Scale:



**CONCEPTUAL ALIGNMENT PLANS AND PROFILES**

**PROJECT ALIGNMENT, PROFILES AND HISTORIC PROPERTY LOCATIONS**

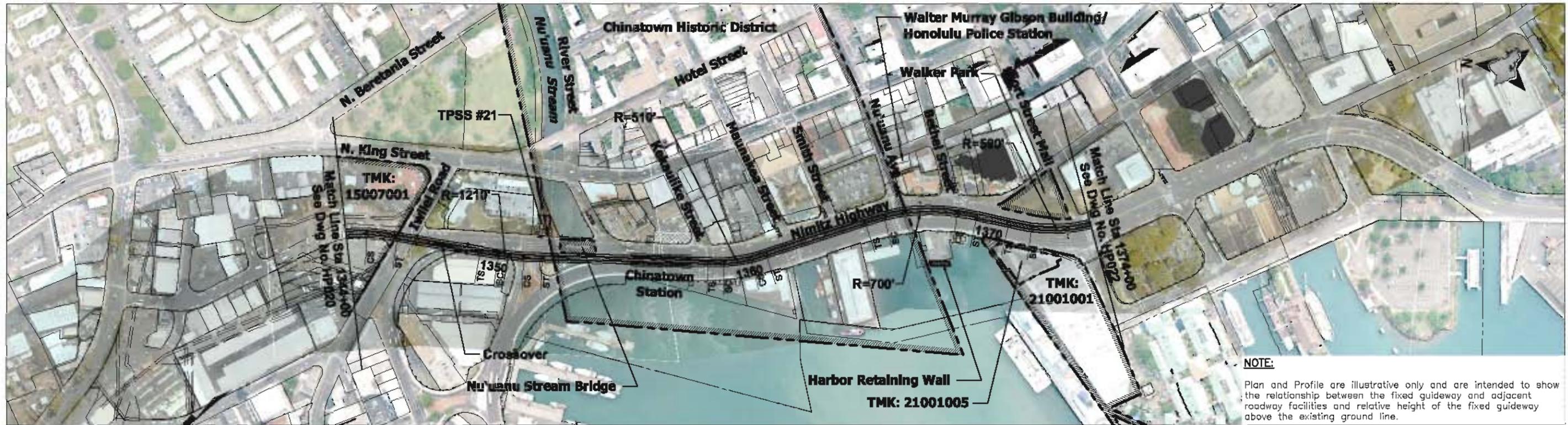
STA 1285+00 TO STA 1344+00

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Drawing No.

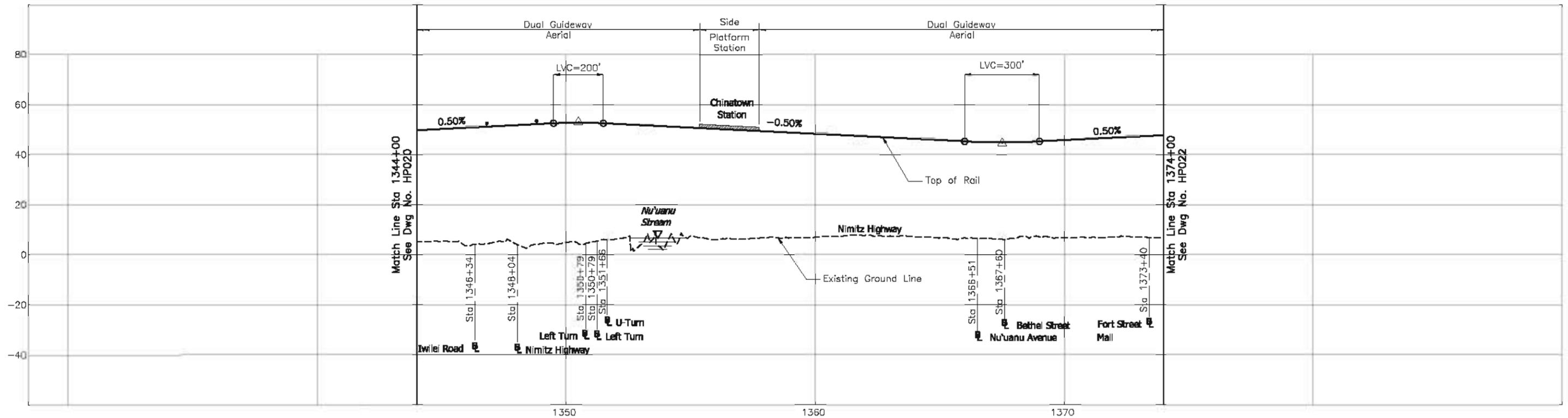
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Date: 4/6/2009



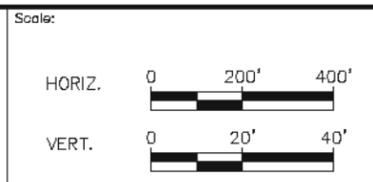
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**HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT**



**CONCEPTUAL ALIGNMENT PLANS AND PROFILES**

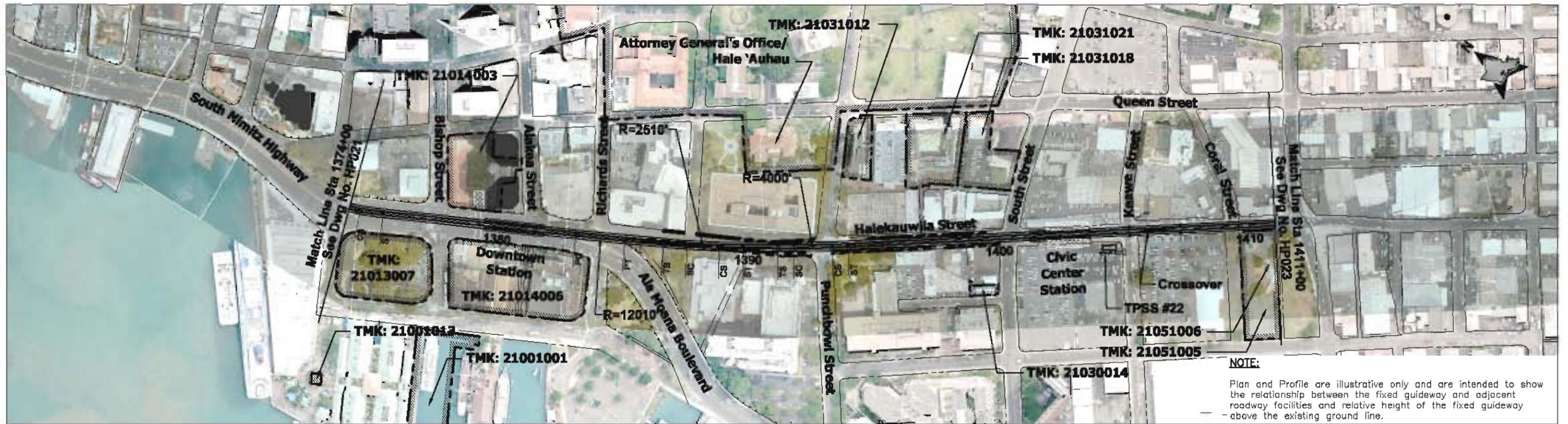
**PROJECT ALIGNMENT, PROFILES AND HISTORIC PROPERTY LOCATIONS**

STA 1344+00 TO STA 1374+00

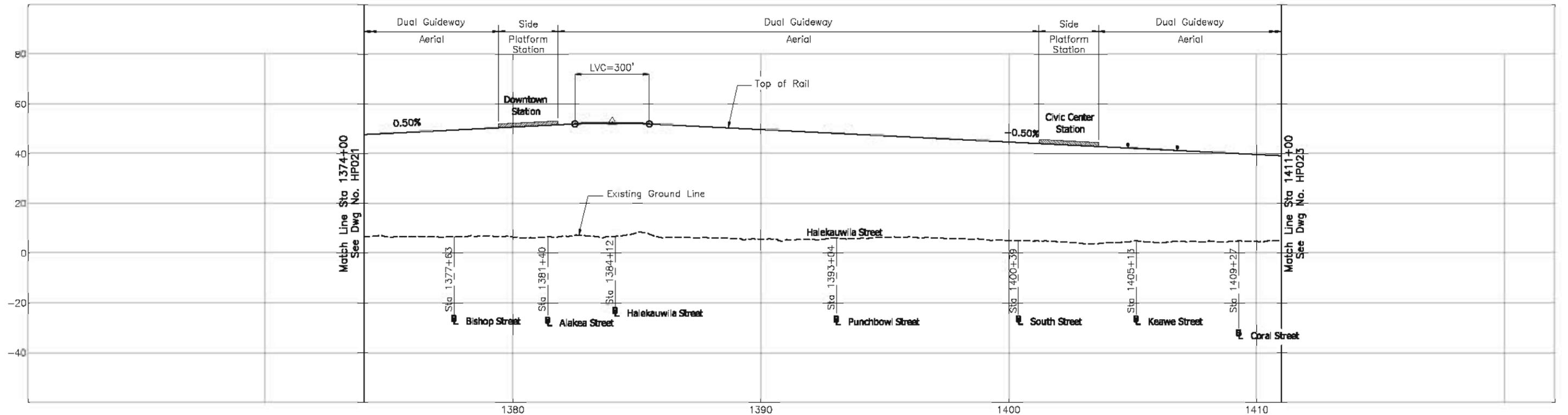
Page No. 30 of 39

Drawing No. **HP021**

Date: 4/6/2009



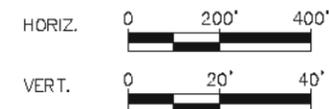
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 RAPID TRANSIT DIVISION

**HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT**

Scale:



**CONCEPTUAL ALIGNMENT PLANS AND PROFILES**

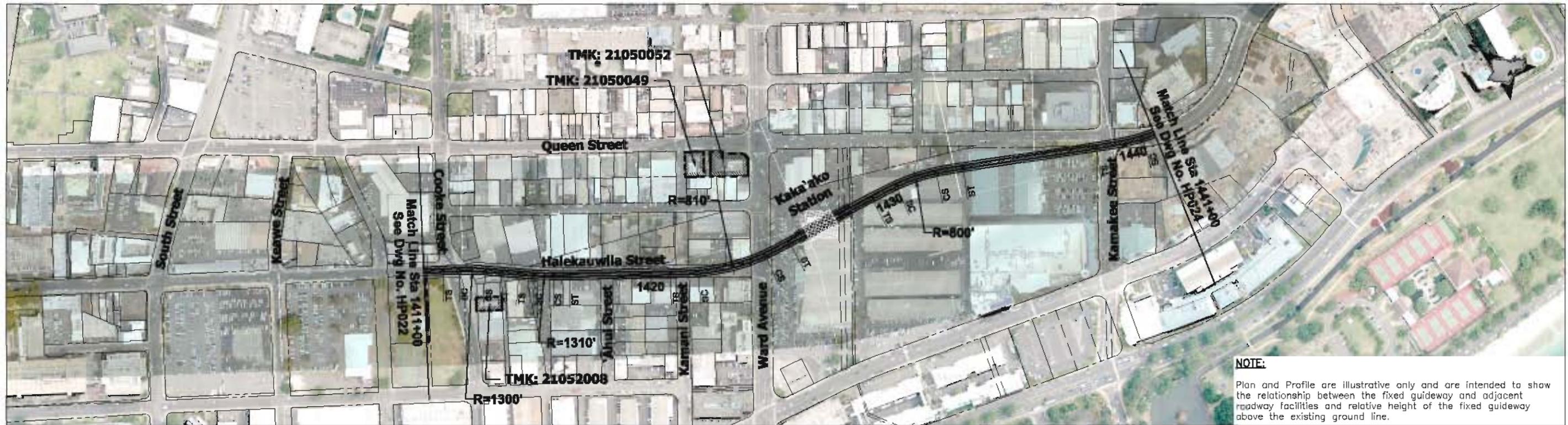
**PROJECT ALIGNMENT, PROFILES AND  
 HISTORIC PROPERTY LOCATIONS**

STA 1374+00 TO STA 1411+00

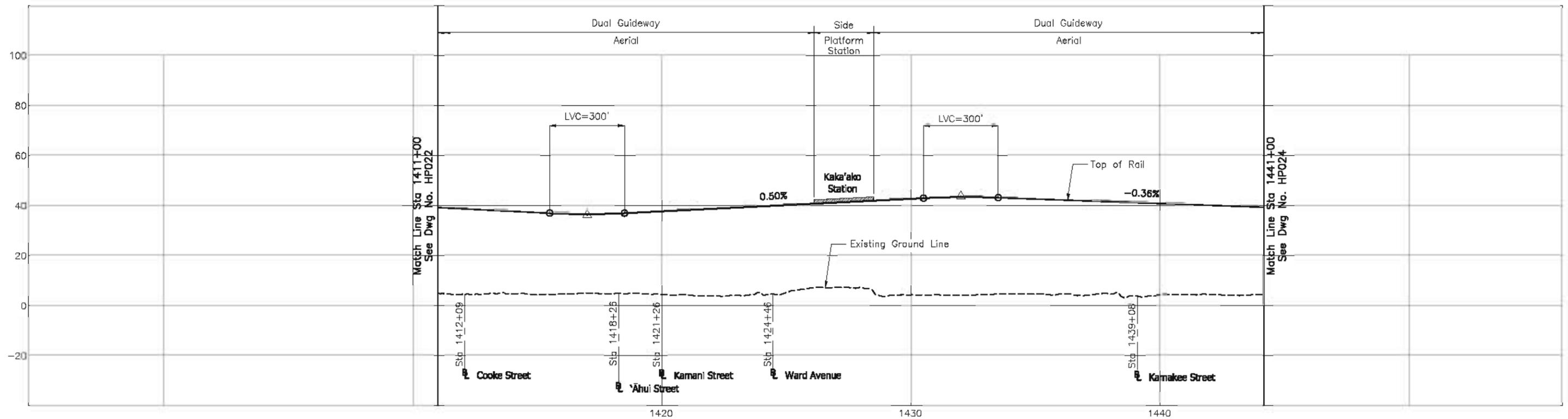
Page No. 31 of 39

Drawing No. **HP022**

Date: 4/6/2009



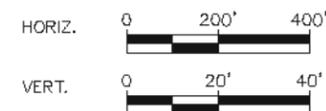
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RAPID TRANSIT DIVISION

**HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT**

Scale:



CONCEPTUAL ALIGNMENT PLANS AND PROFILES

**PROJECT ALIGNMENT, PROFILES AND  
HISTORIC PROPERTY LOCATIONS**

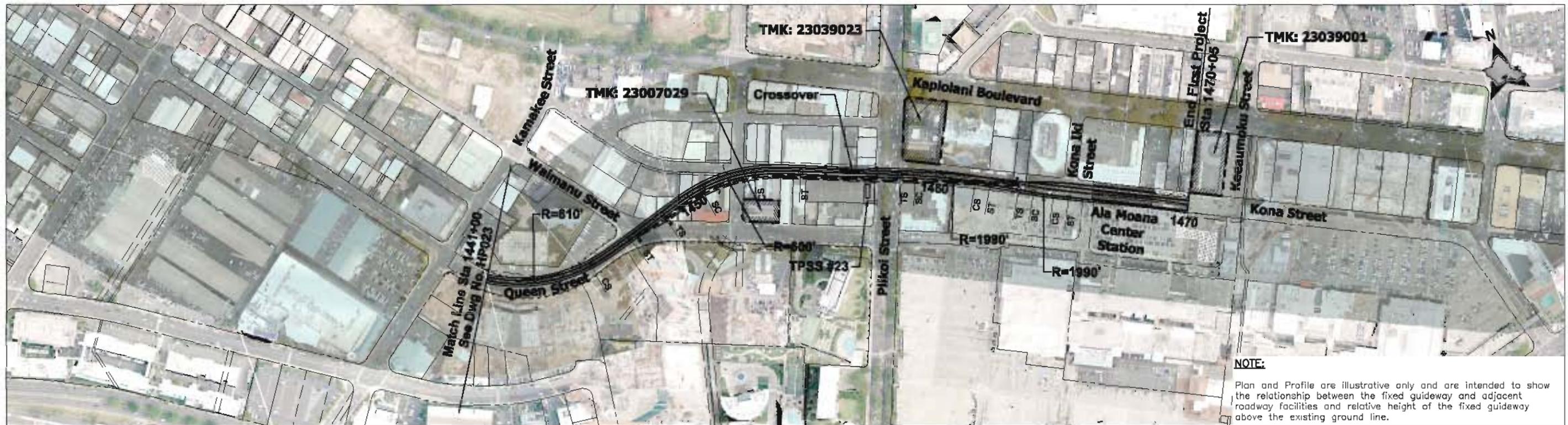
STA 1411+00 TO STA 1441+00

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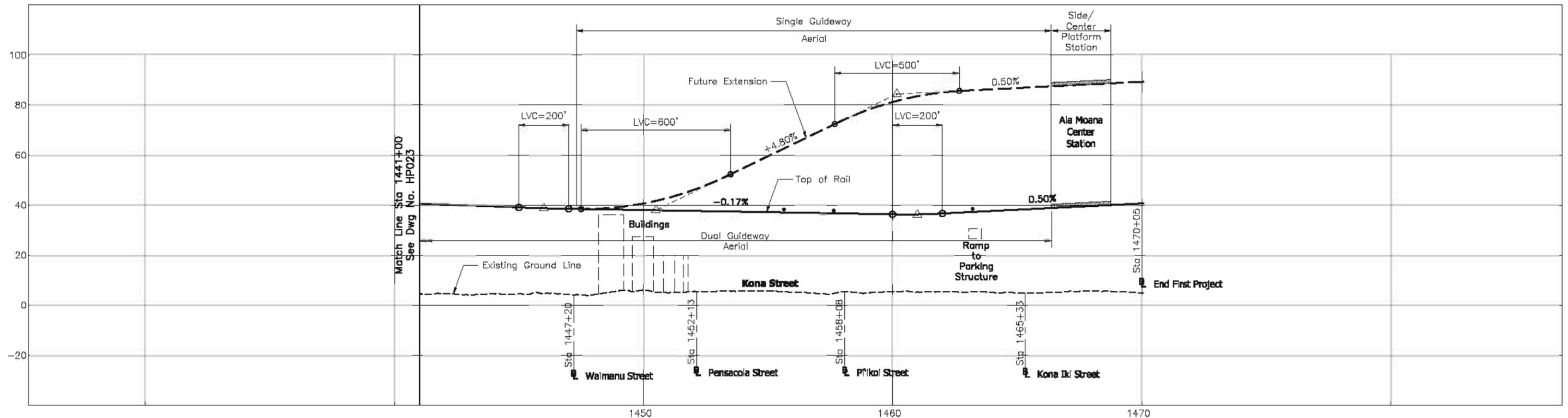
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Date: 4/6/2009

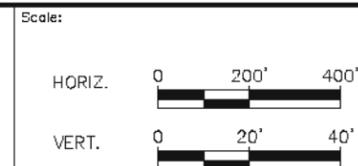


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**HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT**



CONCEPTUAL ALIGNMENT PLANS AND PROFILES

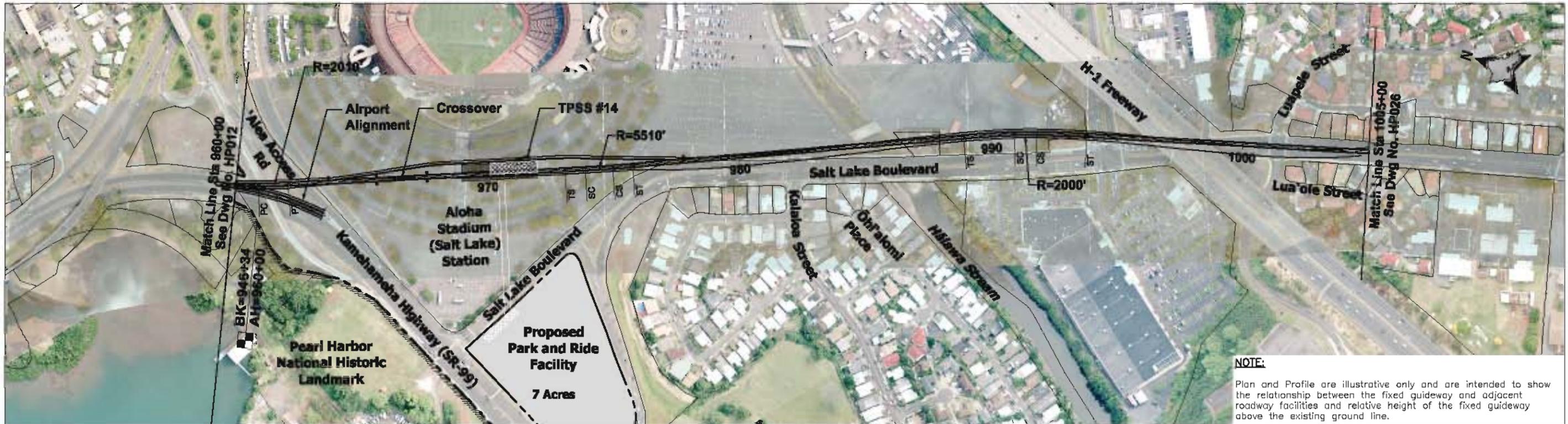
**PROJECT ALIGNMENT, PROFILES AND  
 HISTORIC PROPERTY LOCATIONS**

STA 1441+00 TO STA 1470+05

Page No. 33 of 39

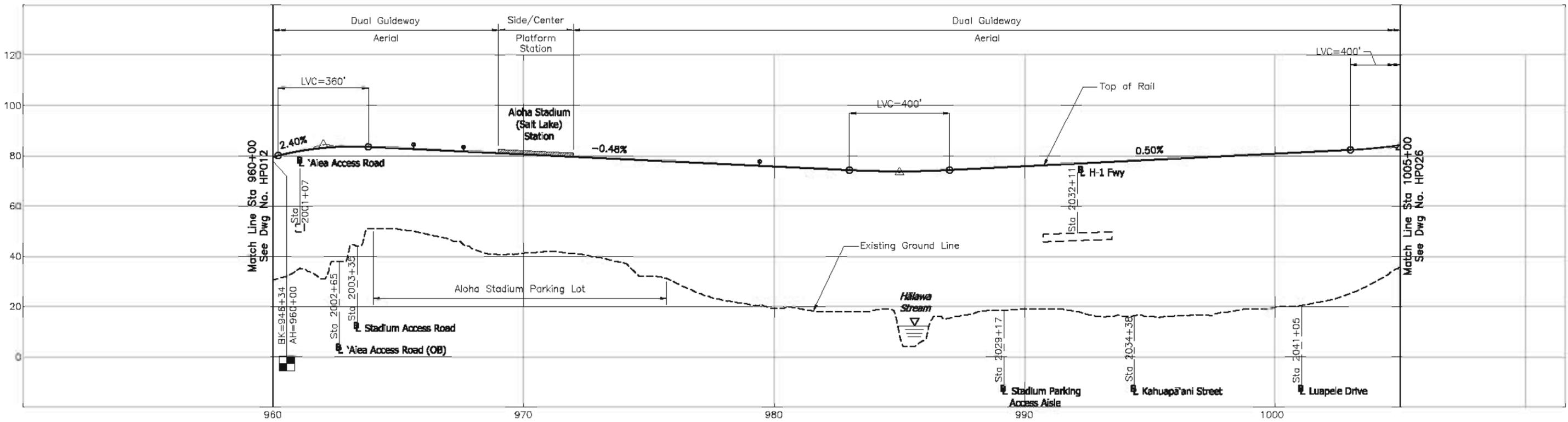
Drawing No. **HP024**

Date: 4/6/2009



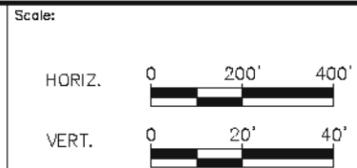
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**CONCEPTUAL ALIGNMENT PLANS AND PROFILES**  
**PROJECT ALIGNMENT, PROFILES AND HISTORIC PROPERTY LOCATIONS**

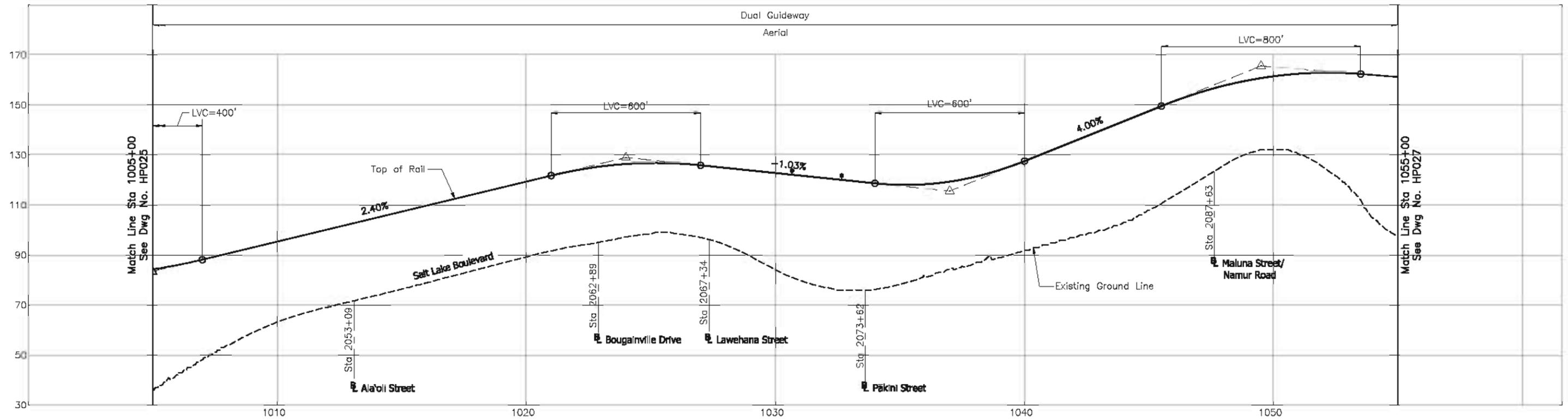
STA 960+00 TO STA 2045+00

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Drawing No. **HP025**  
Date: 4/6/2009



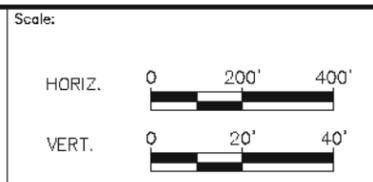
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**CONCEPTUAL ALIGNMENT PLANS AND PROFILES**

**PROJECT ALIGNMENT, PROFILES AND HISTORIC PROPERTY LOCATIONS**

STA 1005+00 TO STA 1055+00

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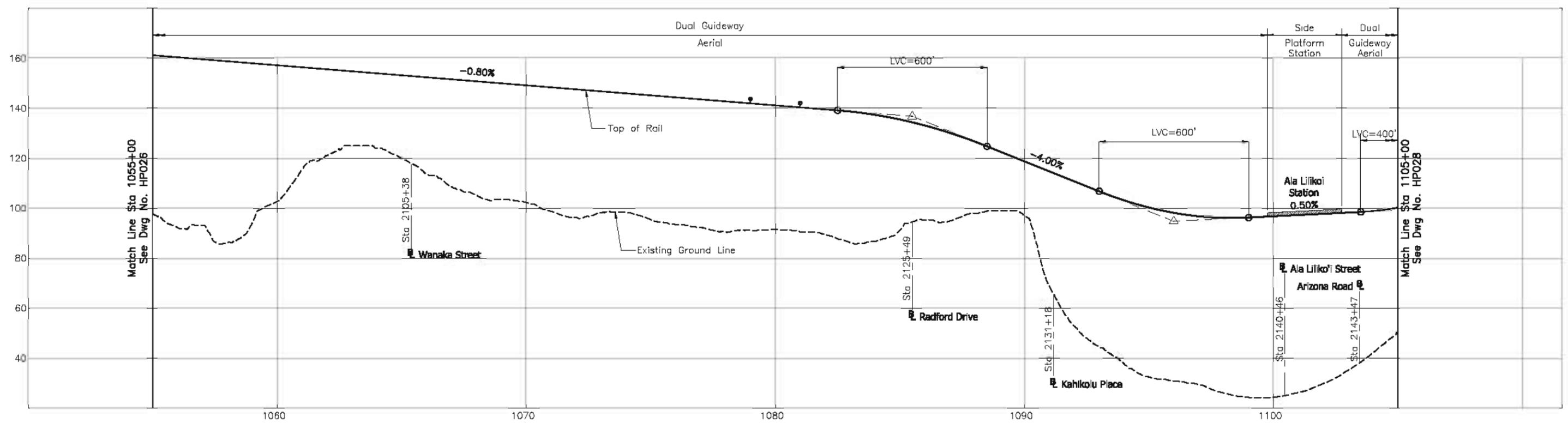
Drawing No. **HP026**

Date: 4/6/2009



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RAPID TRANSIT DIVISION

**HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT**



**CONCEPTUAL ALIGNMENT PLANS AND PROFILES**

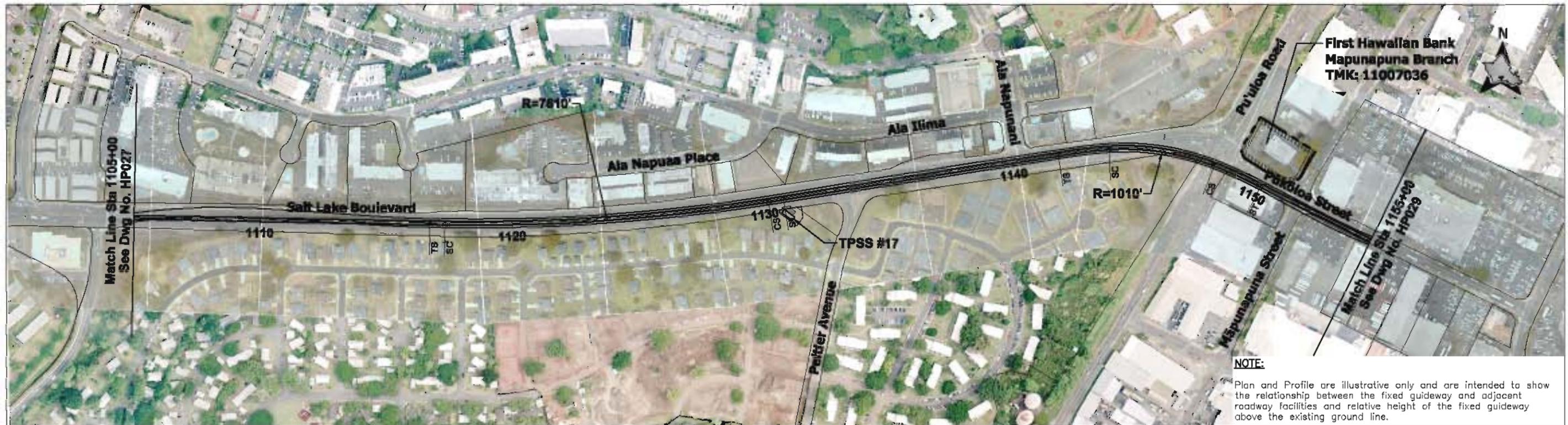
**PROJECT ALIGNMENT, PROFILES AND HISTORIC PROPERTY LOCATIONS**

STA 1055+00 TO STA 1105+00

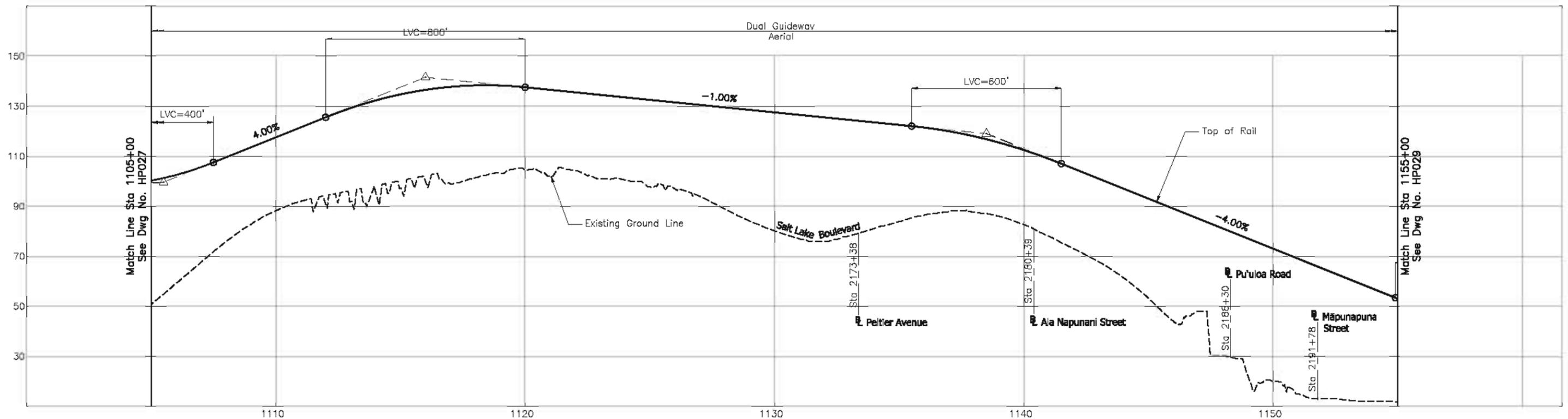
Page No. 36 of 39

Drawing No. **HP027**

Date: 4/6/2009

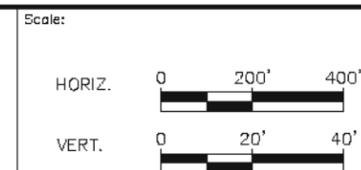


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**HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT**



CONCEPTUAL ALIGNMENT PLANS AND PROFILES

**PROJECT ALIGNMENT, PROFILES AND  
 HISTORIC PROPERTY LOCATIONS**

STA 1105+00 TO STA 1155+00

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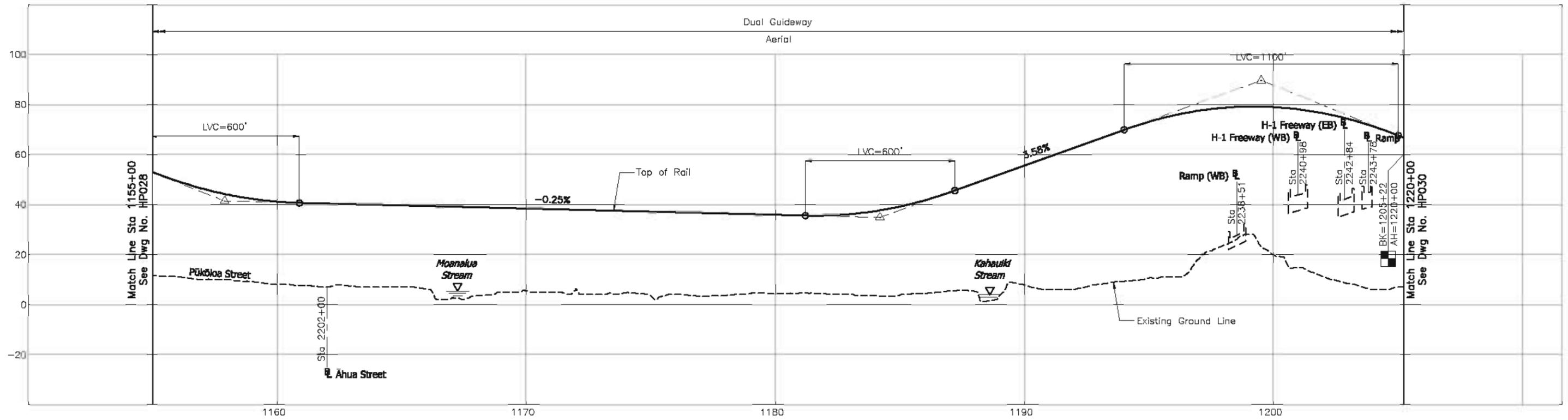
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Date: 4/6/2009



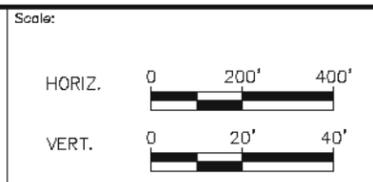
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**CONCEPTUAL ALIGNMENT PLANS AND PROFILES**

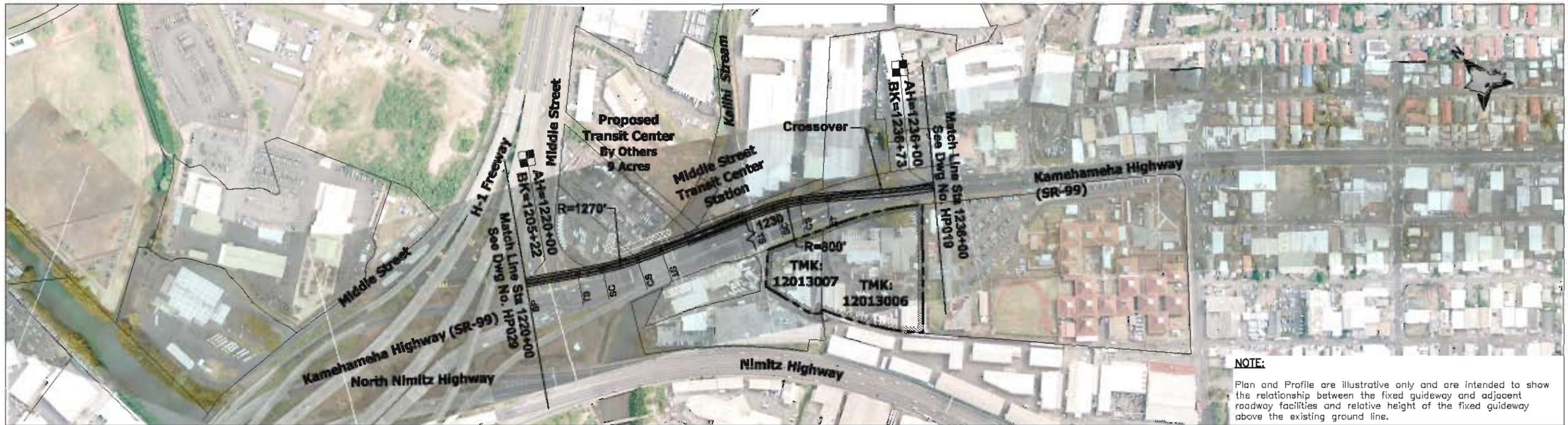
**PROJECT ALIGNMENT, PROFILES AND HISTORIC PROPERTY LOCATIONS**

STA 1155+00 TO STA 1220+00

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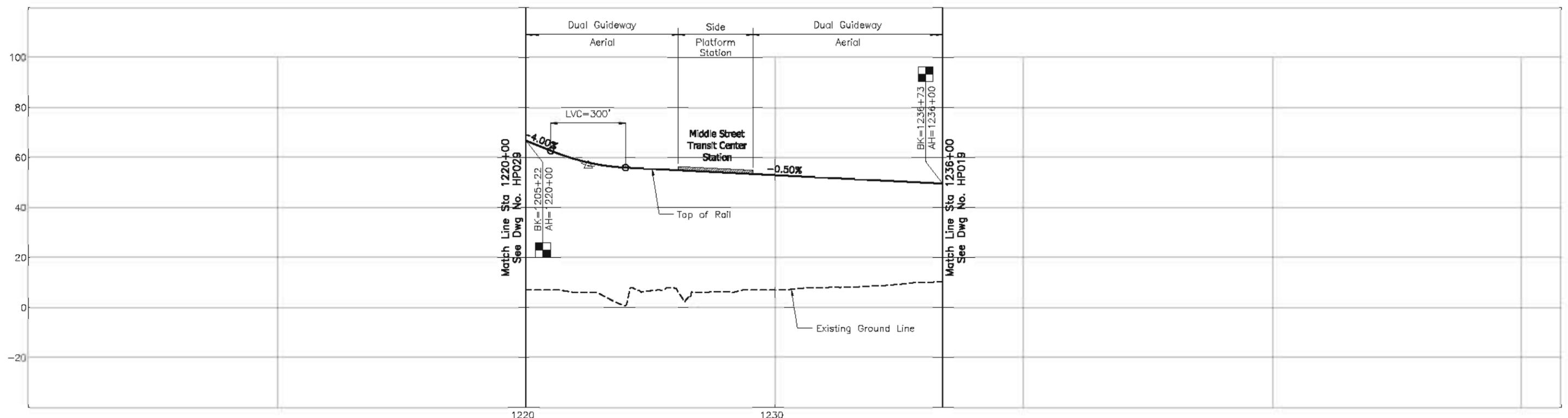
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Date: 4/6/2009



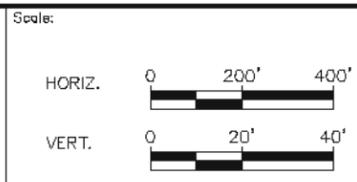
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**CONCEPTUAL ALIGNMENT PLANS AND PROFILES**  
**PROJECT ALIGNMENT, PROFILES AND HISTORIC PROPERTY LOCATIONS**

STA 1220+00 TO STA 1236+00

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Drawing No. **HP030**  
Date: 4/6/2009