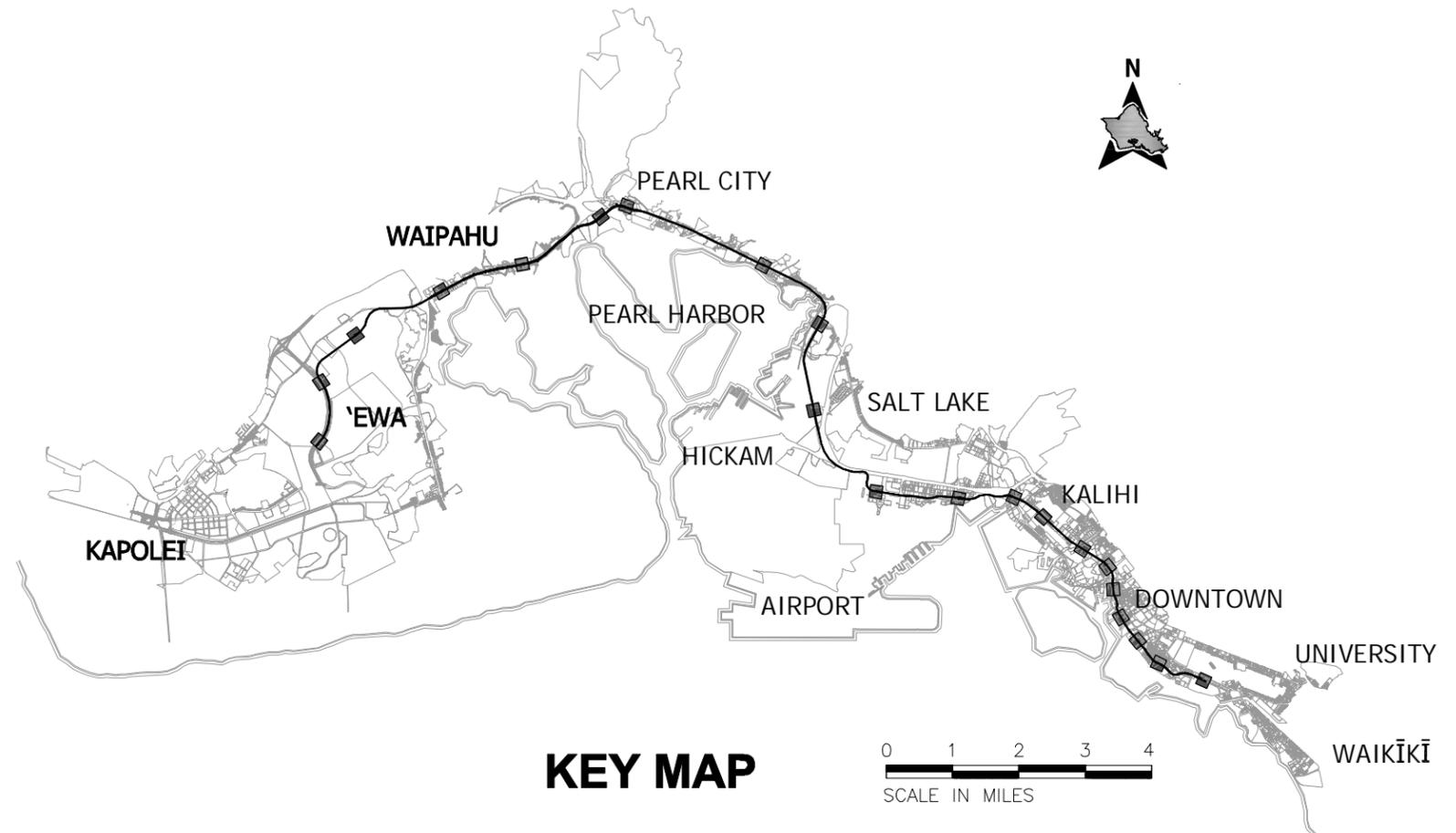
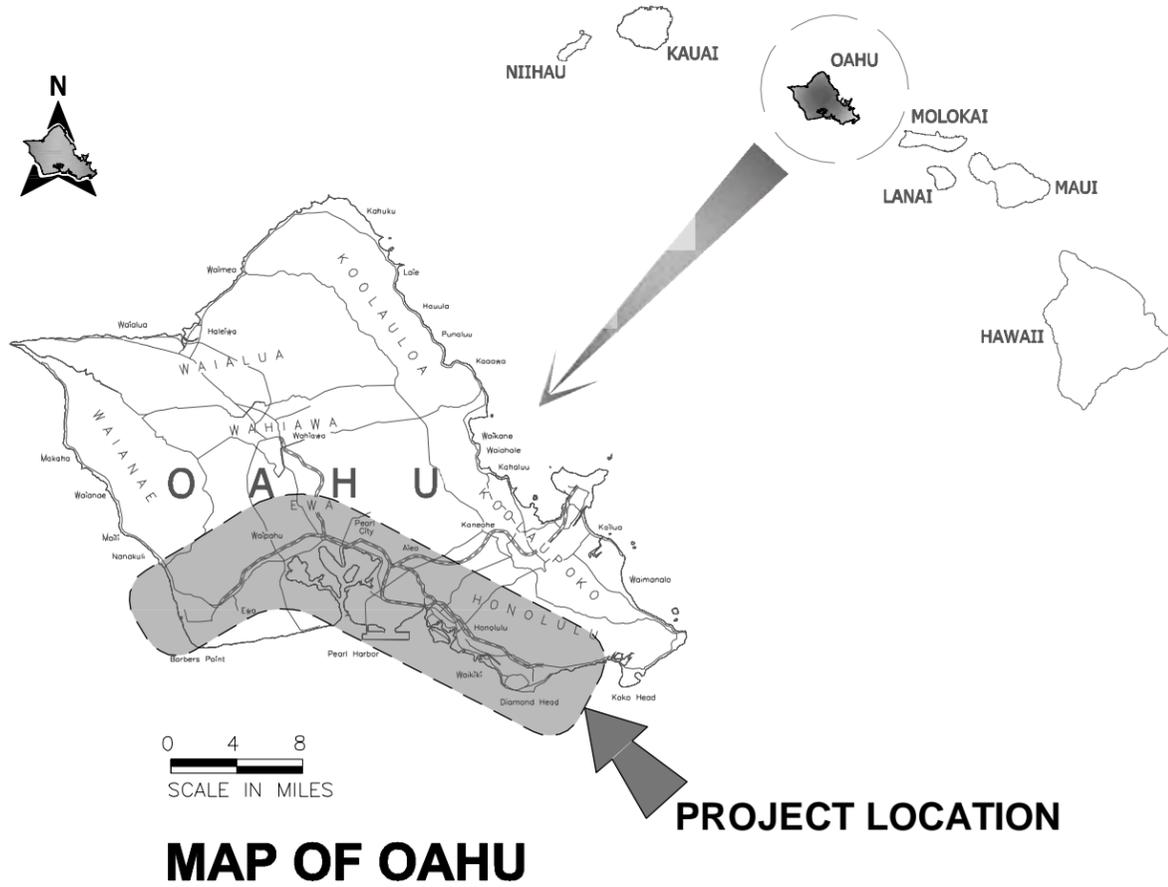

Appendix B

This appendix provides information about the Preliminary Alignment Plans and Profiles.

HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT



APPENDIX B: PRELIMINARY ALIGNMENT PLANS AND PROFILES

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

FEBRUARY 2010

HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT

INDEX OF DRAWINGS

GENERAL			PLAN AND PROFILE		
PAGE NO.	DRAWING NO.	TITLE	PAGE NO.	DRAWING NO.	TITLE
1	GN001	Index of Drawings	15	RP008	Plan and Profile – Sta 690+00 to Sta 740+00
2	GN002	General Notes, Symbols, and Abbreviations	16	RP009	Plan and Profile – Sta 740+00 to Sta 800+00
3	GN003	Key Map – East Kapolei to Fort Weaver Road	17	RP009a	Plan and Profile – H-2 Park and Ride Access Ramp
4	GN004	Key Map – Fort Weaver Road to `Aiea Access Road	18	RP010	Plan and Profile – Sta 800+00 to Sta 850+00
5	GN005	Key Map – `Aiea Access Road to Middle Street	19	RP011	Plan and Profile – Sta 850+00 to Sta 895+00
6	GN006	Key Map – Middle Street to Ala Moana Center	20	RP012	Plan and Profile – Sta 895+00 to Sta 945+00
			21	RP013	Plan and Profile – Sta 945+00 to Sta 1005+00
			22	RP014	Plan and Profile – Sta 1005+00 to Sta 1055+00
			23	RP015	Plan and Profile – Sta 1055+00 to Sta 1105+00
			24	RP016	Plan and Profile – Sta 1105+00 to Sta 1149+00
			25	RP017	Plan and Profile – Sta 1149+00 to Sta 1202+00
			26	RP018	Plan and Profile – Sta 1202+00 to Sta 1234+00
			27	RP019	Plan and Profile – Sta 1234+00 to Sta 1281+00
			28	RP020	Plan and Profile – Sta 1281+00 to Sta 1326+00
			29	RP021	Plan and Profile – Sta 1326+00 to Sta 1381+00
			30	RP022	Plan and Profile – Sta 1381+00 to Sta 1411+00
			31	RP023	Plan and Profile – Sta 1411+00 to Sta 1448+00
			32	RP024	Plan and Profile – Sta 1448+00 to Sta 1478+00
			33	RP025	Plan and Profile – Sta 1478+00 to Sta 1506+35
PLAN AND PROFILE					
PAGE NO.	DRAWING NO.	TITLE			
7	RP001	Plan and Profile – Sta 392+00 to Sta 420+00			
8	RP002	Plan and Profile – Sta 420+00 to Sta 460+00			
9	RP003	Plan and Profile – Sta 460+00 to Sta 510+00			
10	RP004	Plan and Profile – Sta 510+00 to Sta 540+00			
11	RP004a	Plan – Farrington Yard			
12	RP005	Plan and Profile – Sta 540+00 to Sta 590+00			
13	RP006	Plan and Profile – Sta 590+00 to Sta 640+00			
14	RP007	Plan and Profile – Sta 640+00 to Sta 690+00			



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

HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT

Scale:

N/A

PRELIMINARY ALIGNMENT PLANS AND PROFILES

INDEX OF DRAWINGS

Page No. 1 of 33

Drawing No:

GN001

Date:

02/26/10

SYMBOLS	ABBREVIATIONS	GENERAL NOTES										
 First Project  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	<p>AH Ahead Stationing Avenue</p> <p>BK Back Stationing 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 & 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>SPECIAL TERMS</p> <p>Makai Towards the Ocean Mauka Towards the Mountain</p>	<ol style="list-style-type: none"> The indicated location of all proposed facilities is preliminary. 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. The existing ground line depicted on the alignment profile is approximate. Relocation and/or removal of existing facilities are not shown for clarity. Stationing is measured along the centerline of the Eastbound Track (Fixed Guideway). The top of rail profile shown represents the elevation of the top of the running rail on Eastbound Track. 										
TYPE OF TRACK CONSTRUCTION												
<table border="1"> <thead> <tr> <th data-bbox="2094 943 2331 1003">COST CATEGORY</th> <th data-bbox="2331 943 3061 1003">DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td data-bbox="2094 1003 2331 1104">Dual Guideway</td> <td data-bbox="2331 1003 3061 1104">Aerial Structures – Double Track Fixed Guideway including bridges and existing roadway overcrossings</td> </tr> <tr> <td data-bbox="2094 1104 2331 1135">Side Platform</td> <td data-bbox="2331 1104 3061 1135">Platforms on each side of Dual Track Guideway</td> </tr> <tr> <td data-bbox="2094 1135 2331 1165">Center Platform</td> <td data-bbox="2331 1135 3061 1165">Single Platform between Dual Track Guideway</td> </tr> <tr> <td data-bbox="2094 1165 2331 1235">Abutment Structure</td> <td data-bbox="2331 1165 3061 1235">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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Abutment Structure	Elevated Structure on earthwork fill at end of Aerial Structure											



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

HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT

Scale:

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PRELIMINARY ALIGNMENT PLANS AND PROFILES

GENERAL NOTES, SYMBOLS AND ABBREVIATIONS

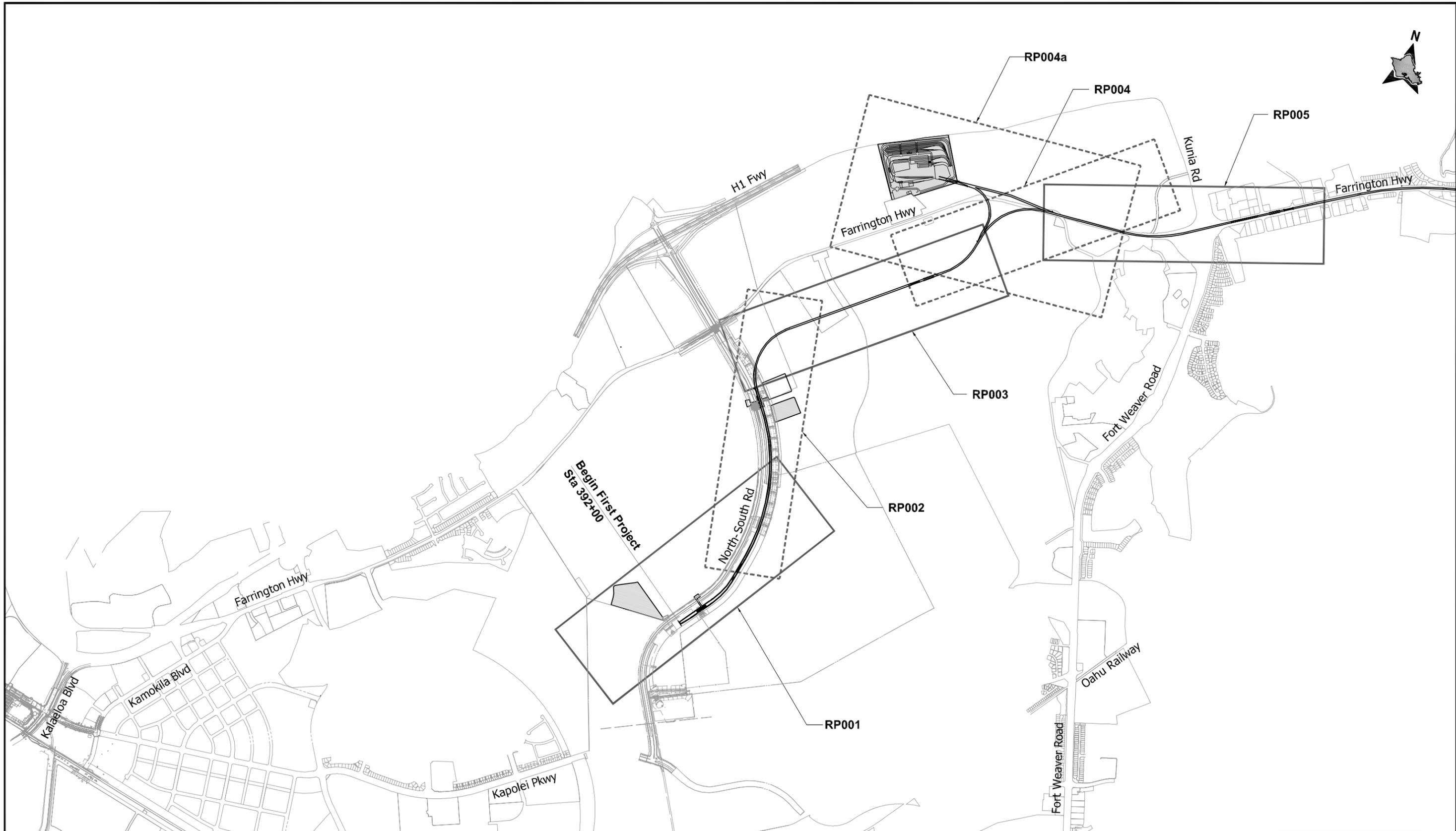
Page No. 2 of 33

Drawing No:

GN002

Date:

02/26/10



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

HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT

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PRELIMINARY ALIGNMENT PLANS AND PROFILES

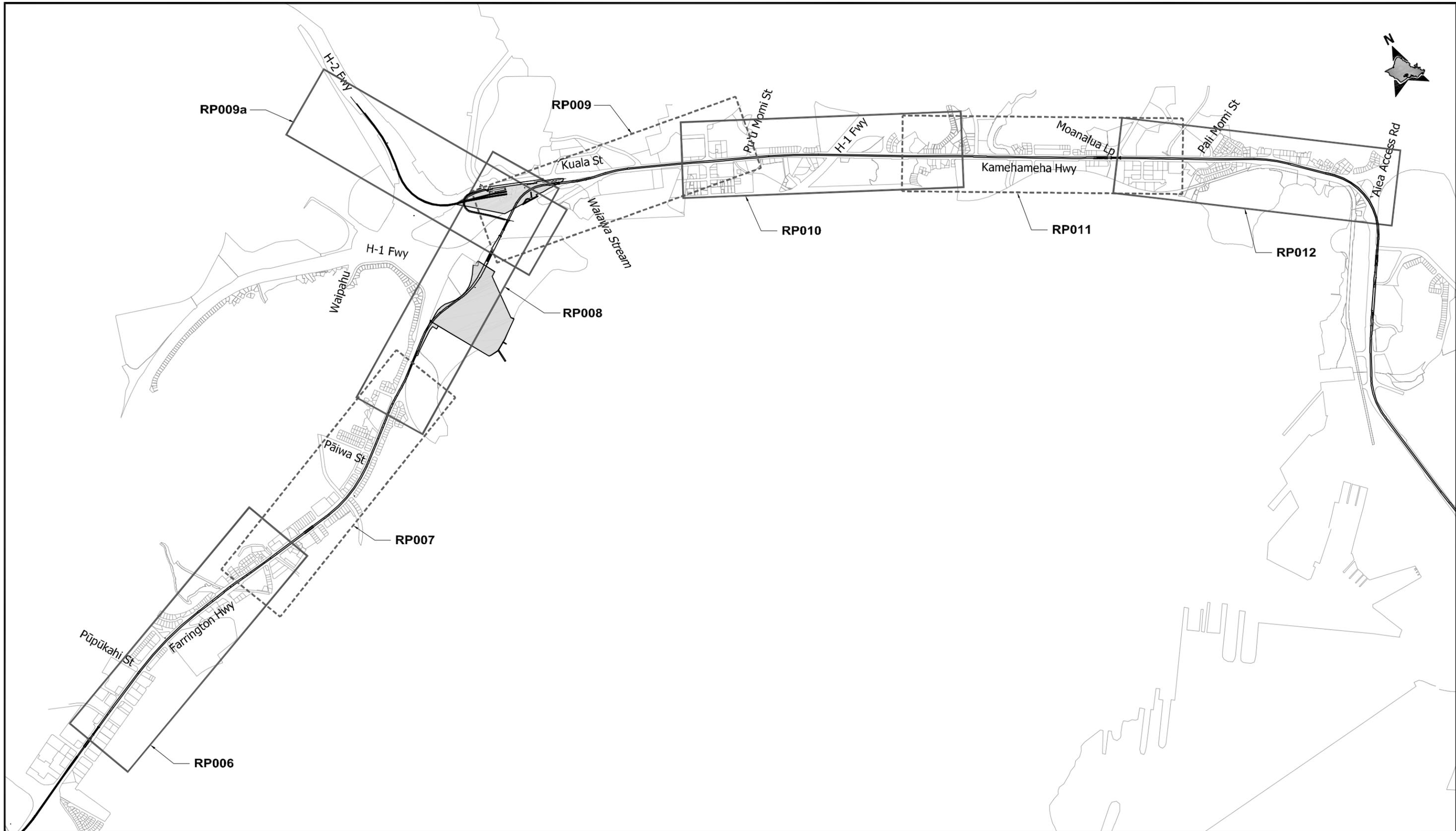
KEY MAP
EAST KAPOLEI TO FORT WEAVER ROAD

SHEET 1 OF 4

Page No. 3 of 33

Drawing No: **GN003**

Date: 02/26/10



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

HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT

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PRELIMINARY ALIGNMENT PLANS AND PROFILES

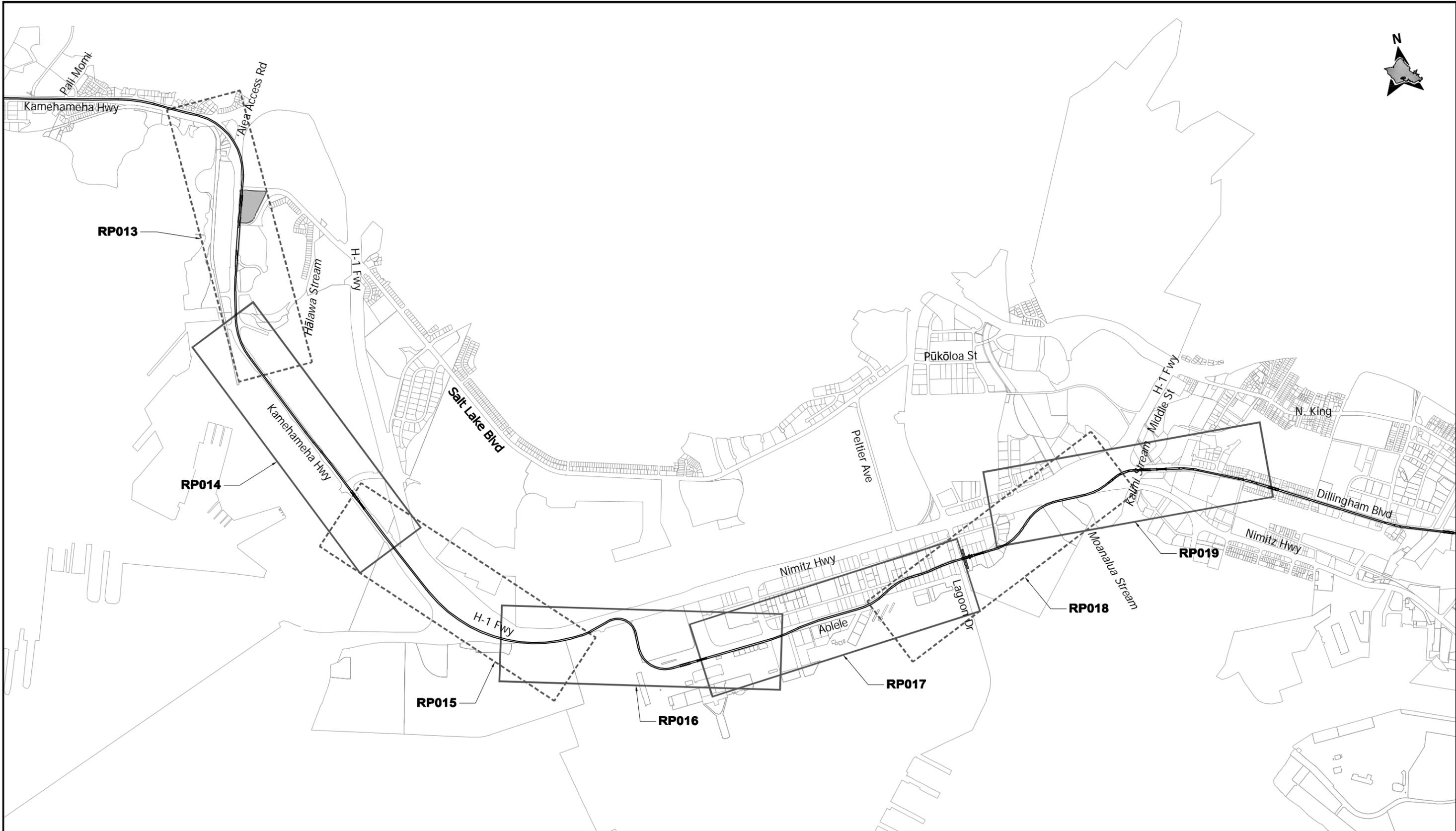
KEY MAP
 FORT WEAVER RD TO 'AIEA ACCESS RD

SHEET 2 OF 4

Page No. 4 of 33

Drawing No: **GN004**

Date: 02/26/10



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

HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT

Scale:



PRELIMINARY ALIGNMENT PLANS AND PROFILES

KEY MAP
'AIEA ACCESS RD TO MIDDLE ST

SHEET 3 OF 4

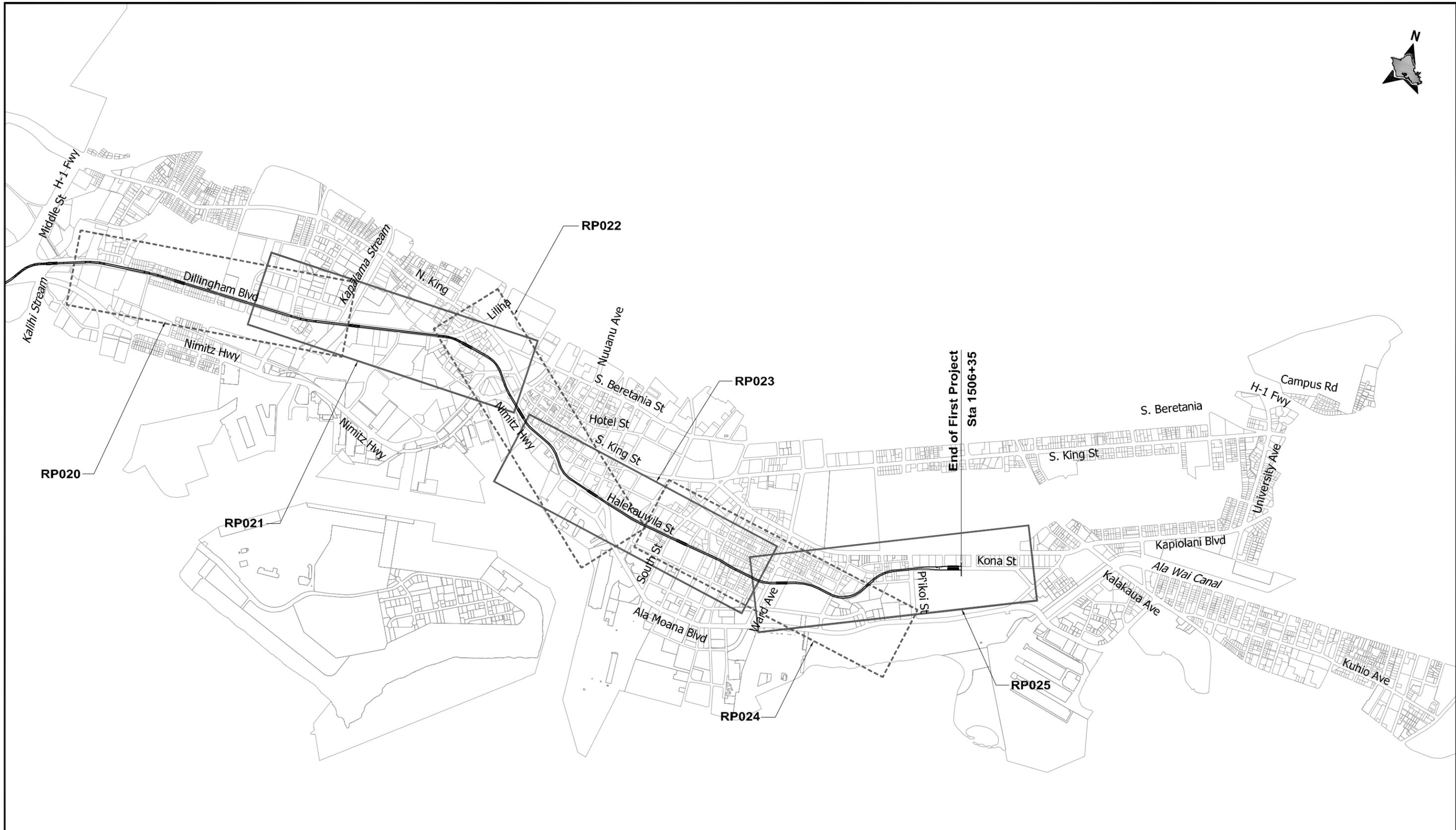
Page No. 5 of 33

Drawing No.

GN005

Date:

02/26/10



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

HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT

Scale:



PRELIMINARY ALIGNMENT PLANS AND PROFILES

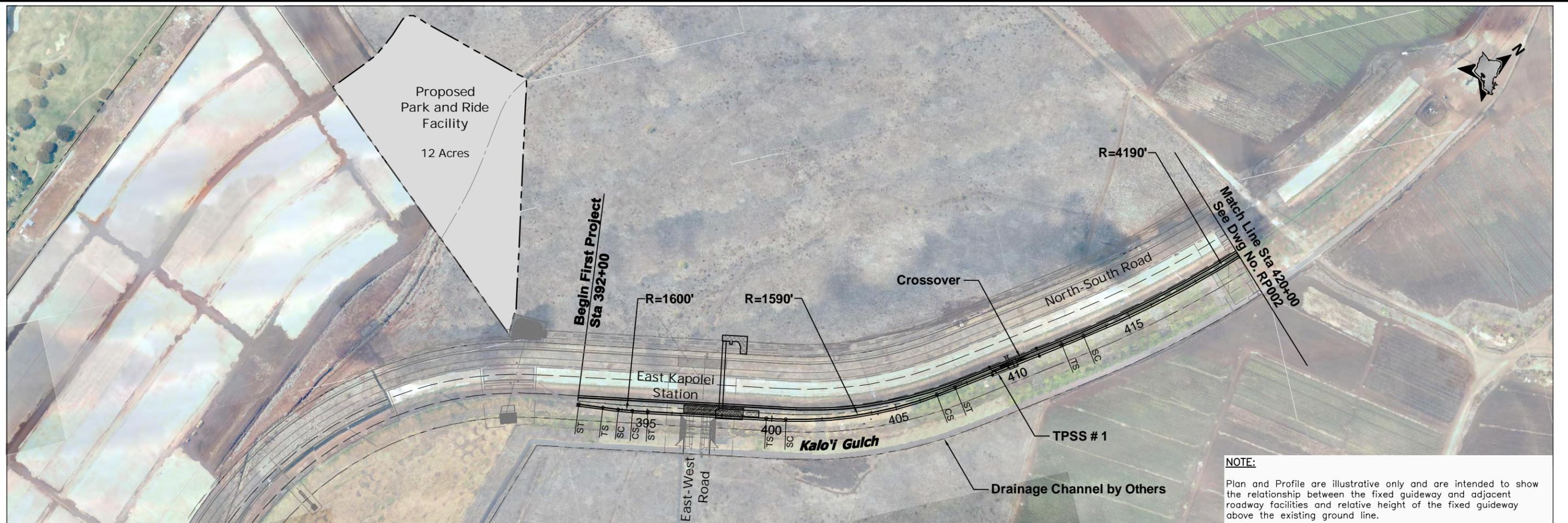
KEY MAP
MIDDLE ST TO ALA MOANA CENTER

SHEET 4 OF 4

Page No. 6 of 33

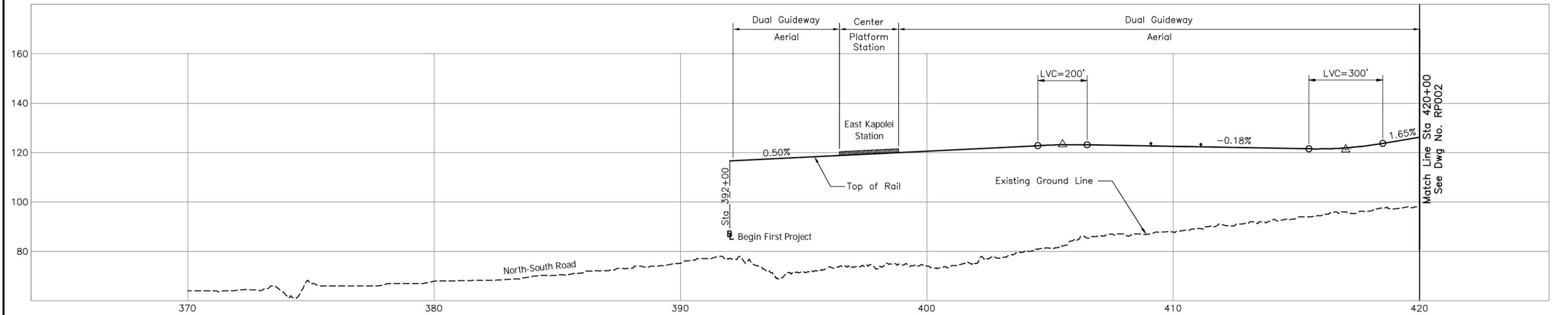
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Date: 02/26/10



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.

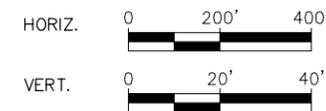
NOTE: PLANS ARE PRELIMINARY AND SUBJECT TO CHANGE



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 DEPARTMENT OF TRANSPORTATION SERVICES
 RAPID TRANSIT DIVISION

HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT

Scale:



PRELIMINARY ALIGNMENT PLANS AND PROFILES

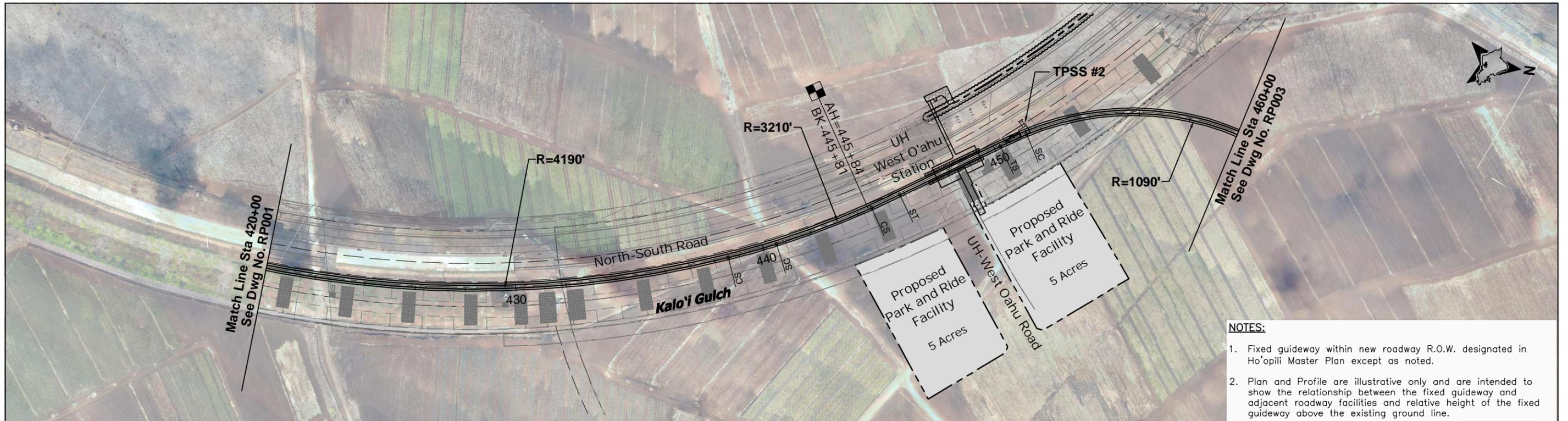
PLAN AND PROFILE
 STA 392+00 TO STA 420+00

SHEET 1 OF 27

Page No. 7 of 33

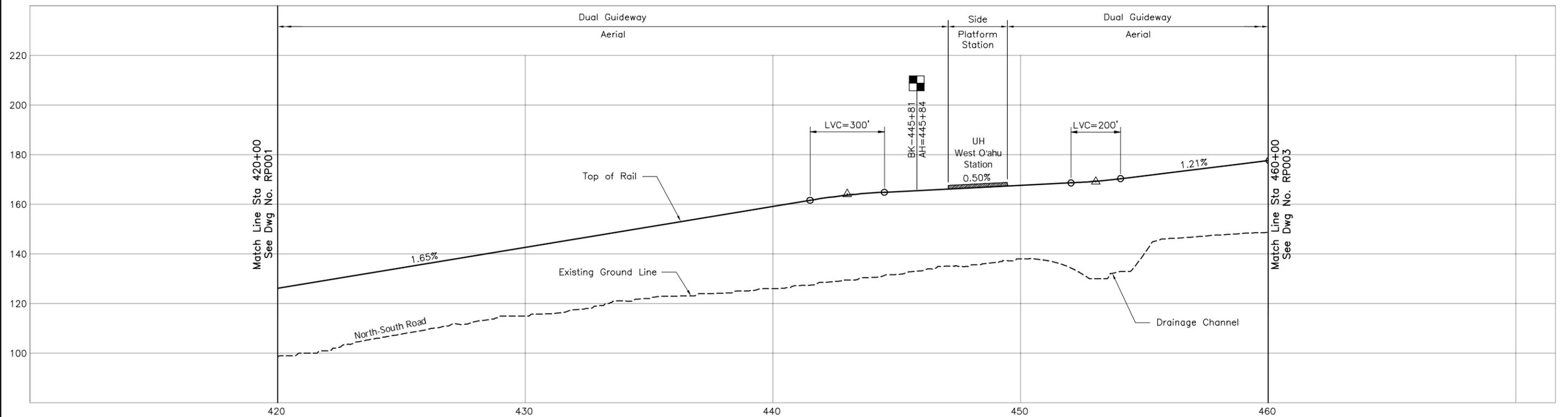
Drawing No. **RP001**

Date: 02/26/10



- 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.

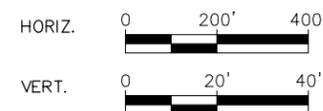
NOTE: PLANS ARE PRELIMINARY AND SUBJECT TO CHANGE



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

HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT

Scale:



PRELIMINARY ALIGNMENT PLANS AND PROFILES

PLAN AND PROFILE
STA 420+00 TO STA 460+00

SHEET 2 OF 27

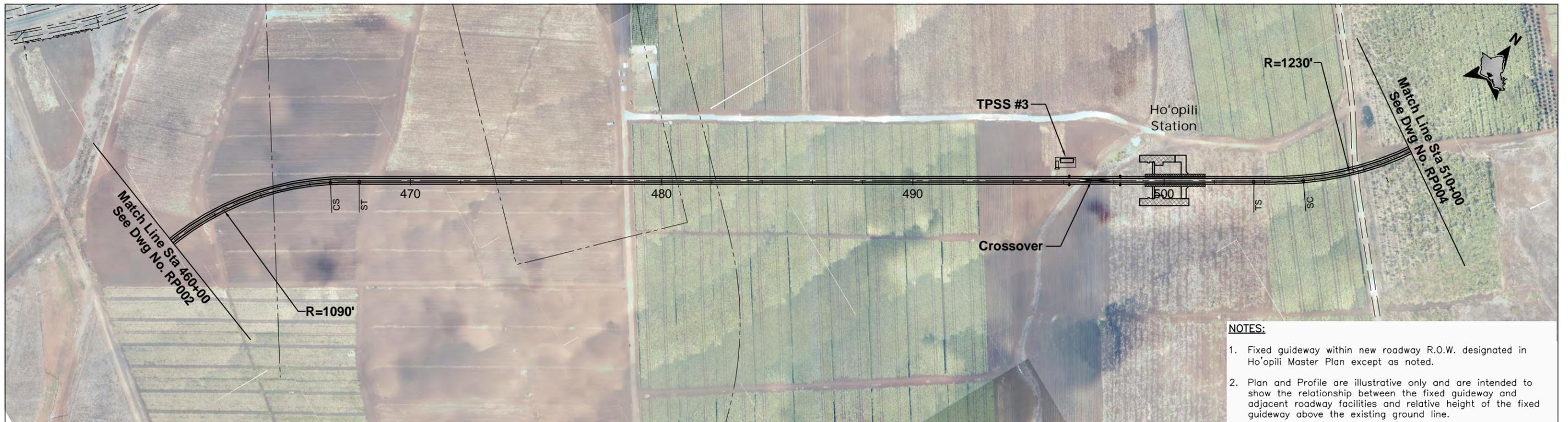
Page No. 8 of 33

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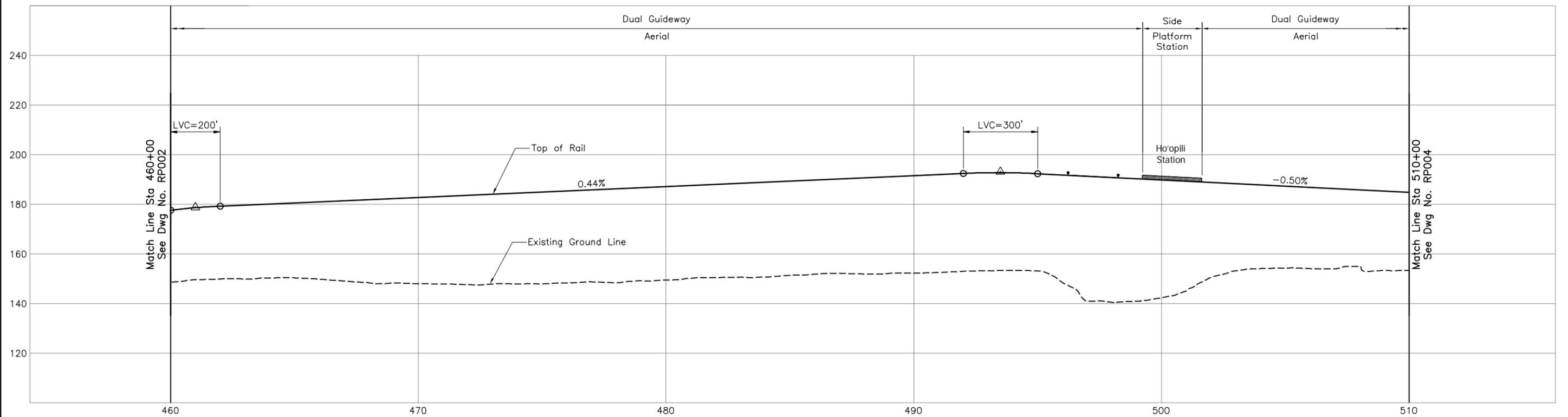
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02/26/10



- NOTES:**
1. Fixed guideway within new roadway R.O.W. designated in Ho'opili Master Plan except as noted.
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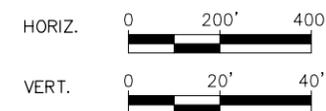
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DEPARTMENT OF TRANSPORTATION SERVICES
RAPID TRANSIT DIVISION

HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT

Scale:



PRELIMINARY ALIGNMENT PLANS AND PROFILES

PLAN AND PROFILE
STA 460+00 TO STA 510+00

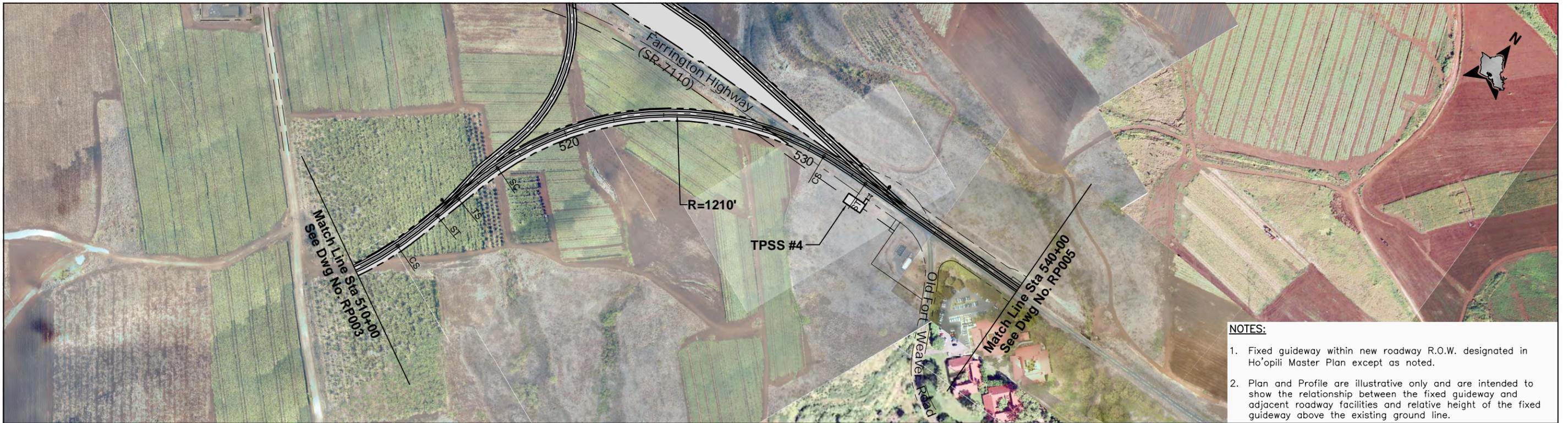
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Page No. 9 of 33

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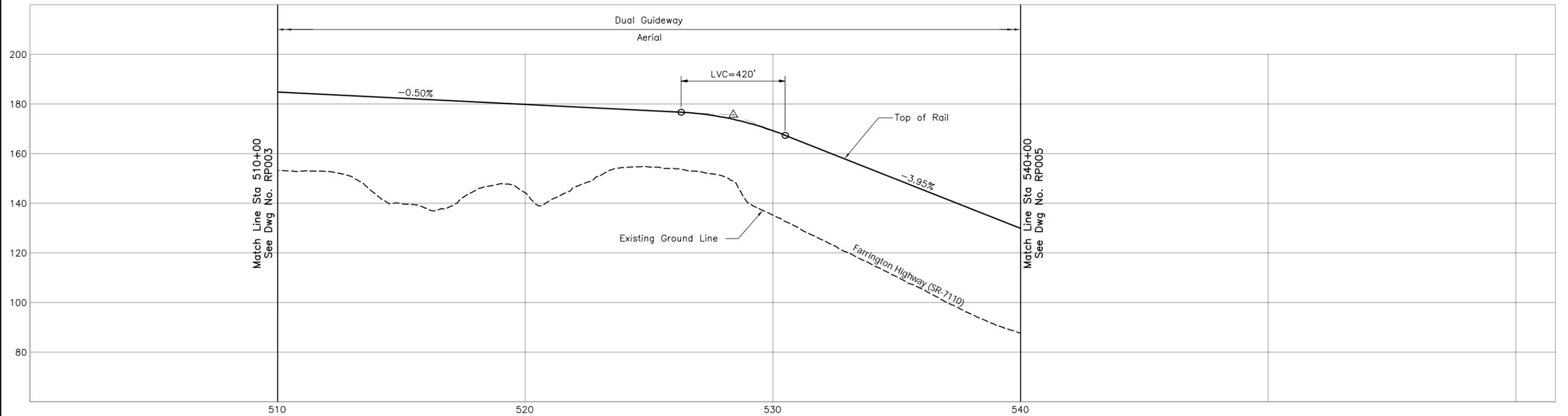
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Date: 02/26/10



- 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.

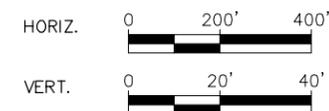
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CITY & COUNTY OF HONOLULU
DEPARTMENT OF TRANSPORTATION SERVICES
RAPID TRANSIT DIVISION

HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT

Scale:



PRELIMINARY ALIGNMENT PLANS AND PROFILES

PLAN AND PROFILE
STA 510+00 TO STA 540+00

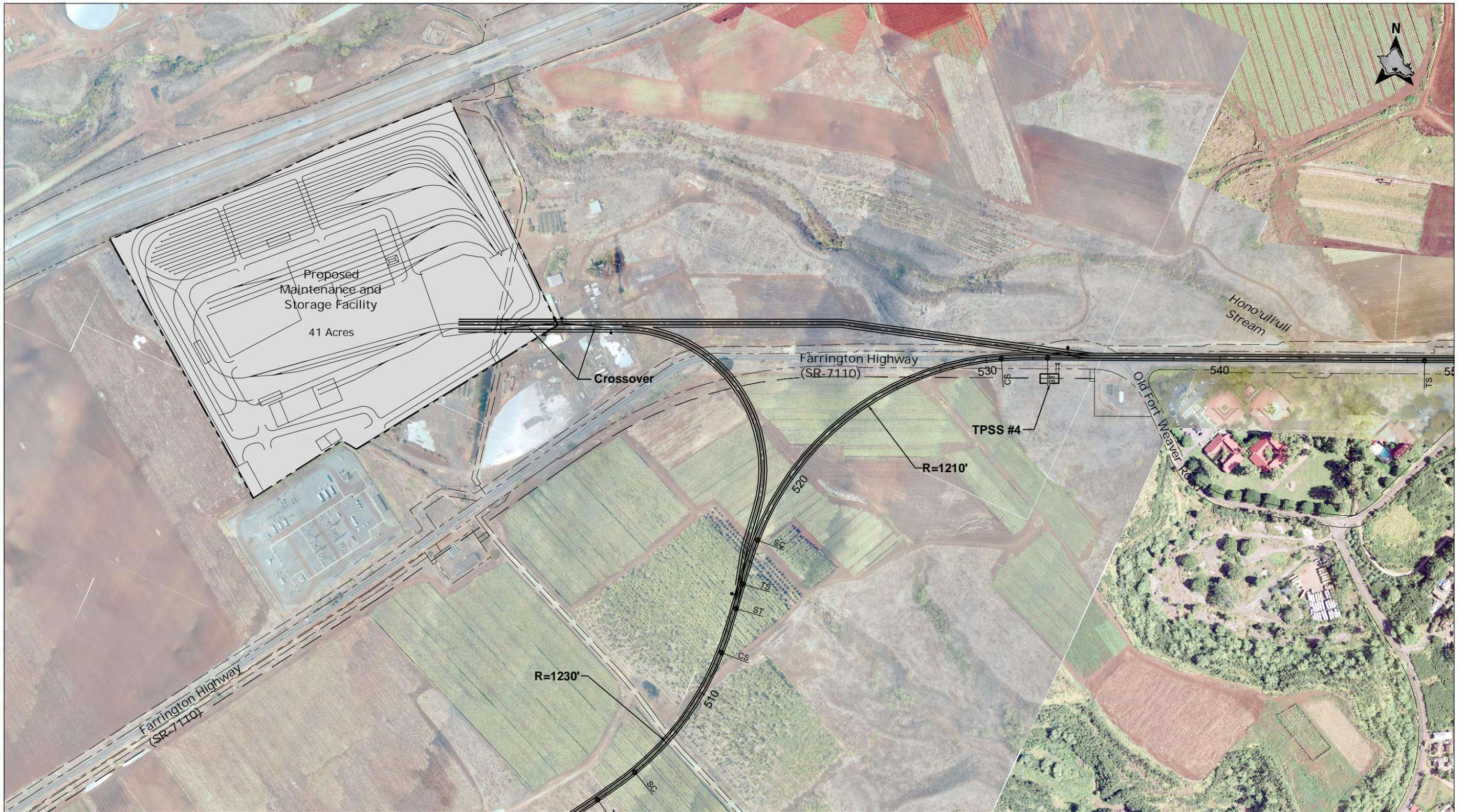
SHEET 4 OF 27

Page No. 10 of 33

Drawing No:

RP004

Date: 02/26/10



NOTE: PLANS ARE PRELIMINARY AND SUBJECT TO CHANGE



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

HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT

Scale:



PRELIMINARY ALIGNMENT PLANS AND PROFILES

PLAN AND PROFILE
FARRINGTON YARD

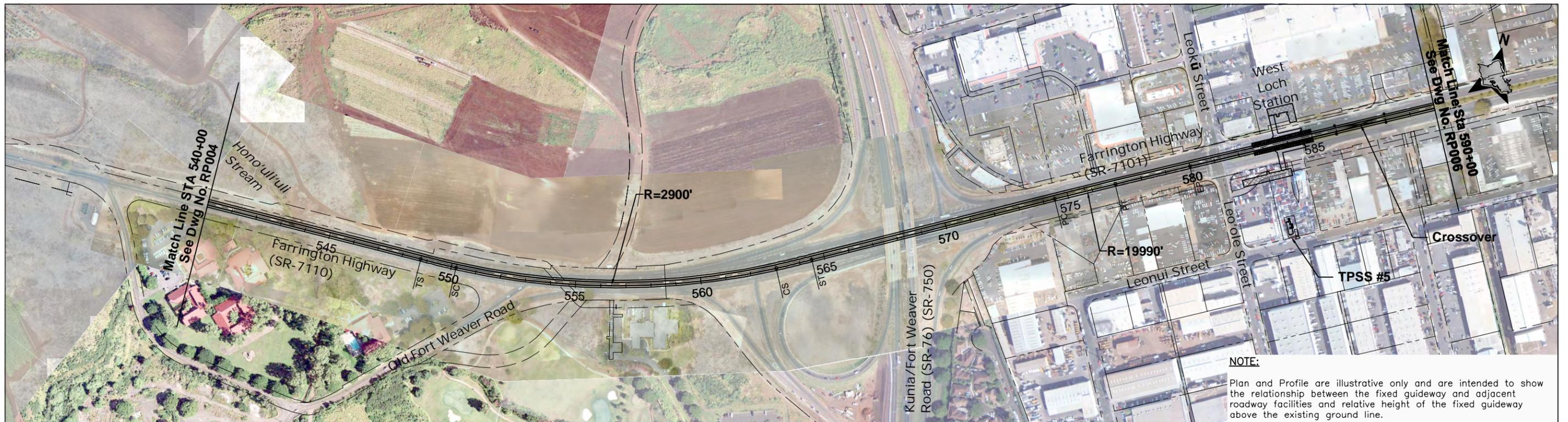
SHEET 5 OF 27

Page No. 11 of 33

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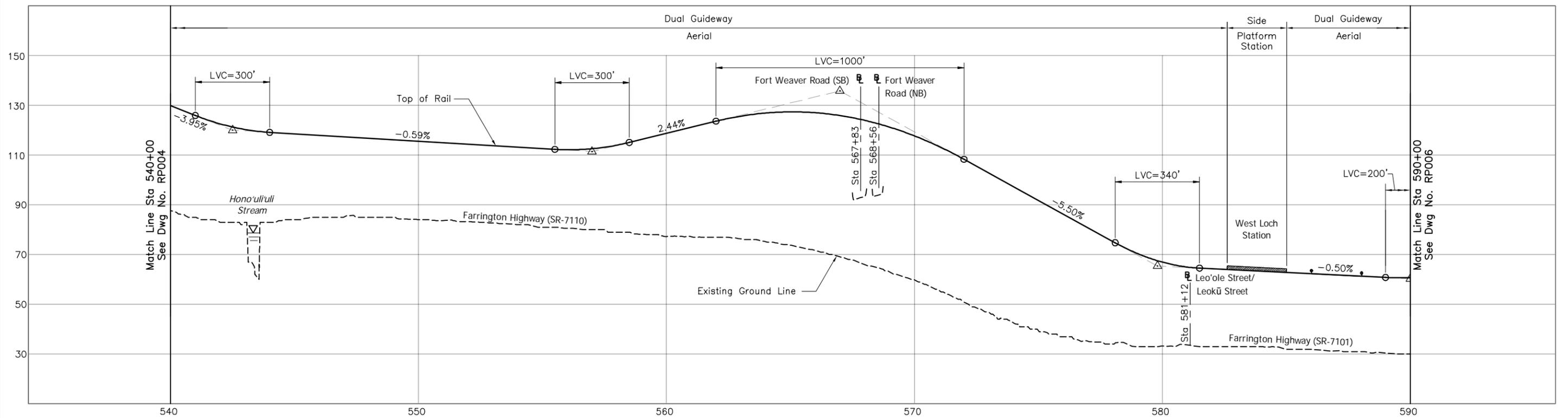
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Date: 02/26/10



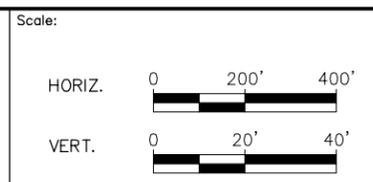
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Plan and Profile are illustrative only and are intended to show the relationship between the fixed guideway and adjacent roadway facilities and relative height of the fixed guideway above the existing ground line.

NOTE: PLANS ARE PRELIMINARY AND SUBJECT TO CHANGE



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

HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT



PRELIMINARY ALIGNMENT PLANS AND PROFILES

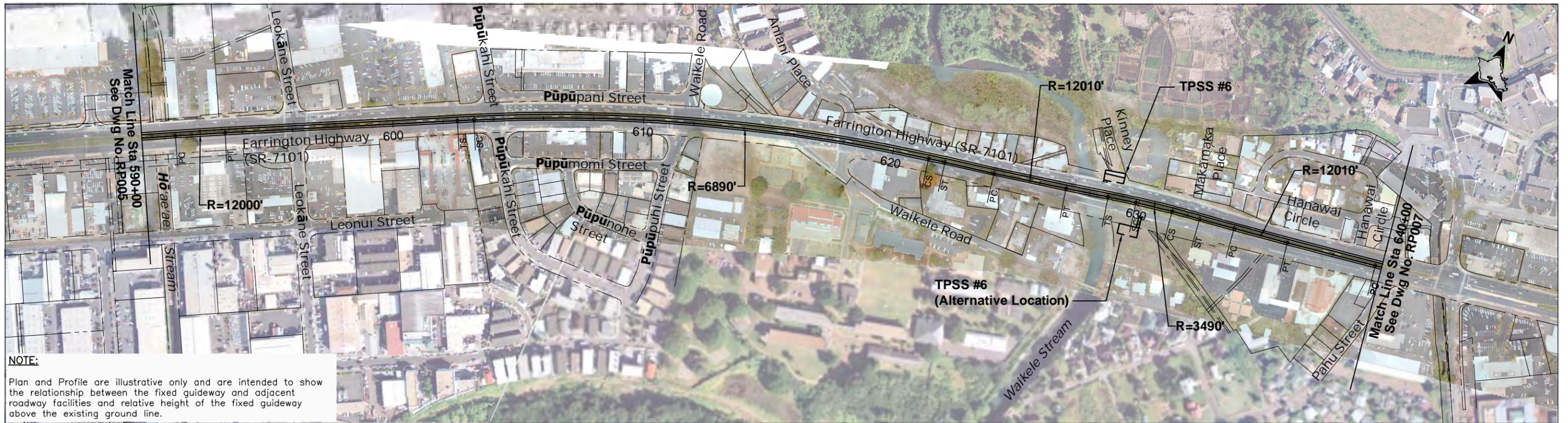
PLAN AND PROFILE
STA 540+00 TO STA 590+00

SHEET 6 OF 27

Page No. 12 of 33

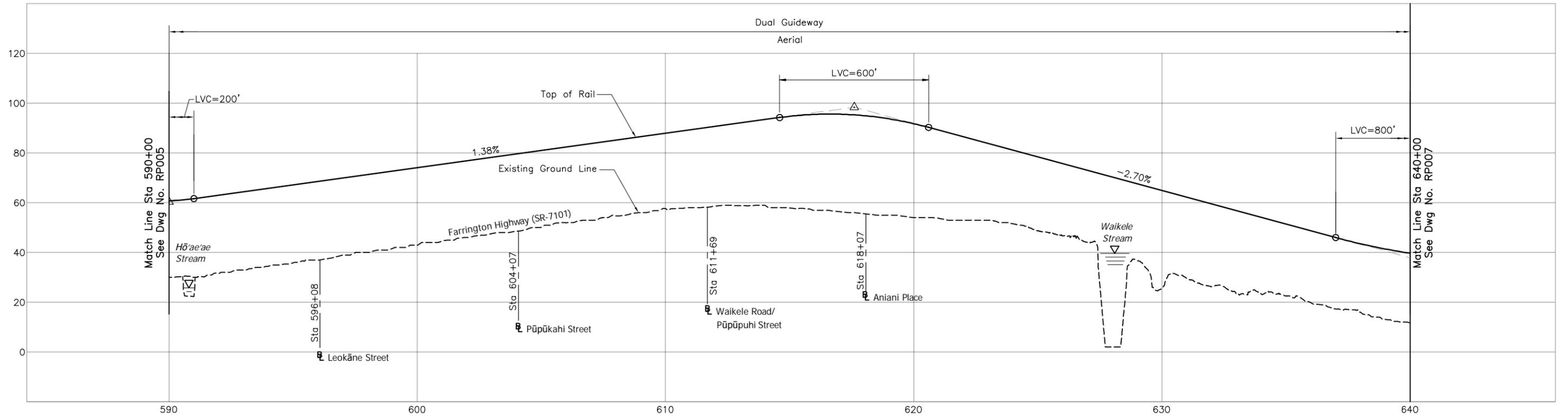
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Date: 02/26/10



NOTE:
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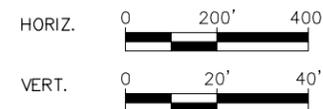
NOTE: PLANS ARE PRELIMINARY AND SUBJECT TO CHANGE



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

HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT

Scale:



PRELIMINARY ALIGNMENT PLANS AND PROFILES

PLAN AND PROFILE
 STA 590+00 TO STA 640+00

SHEET 7 OF 27

Page No. 13 of 33

Drawing No.

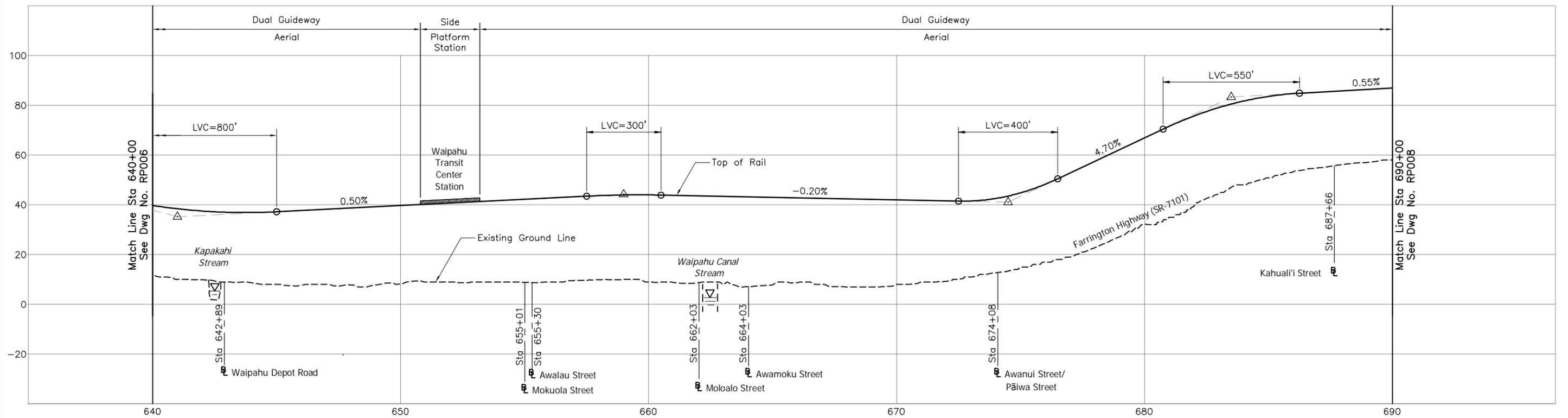
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Date: 02/26/10



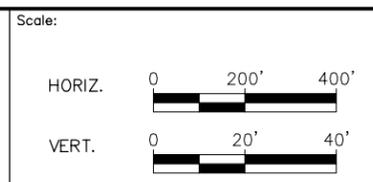
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NOTE: PLANS ARE PRELIMINARY AND SUBJECT TO CHANGE



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

HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT



PRELIMINARY ALIGNMENT PLANS AND PROFILES

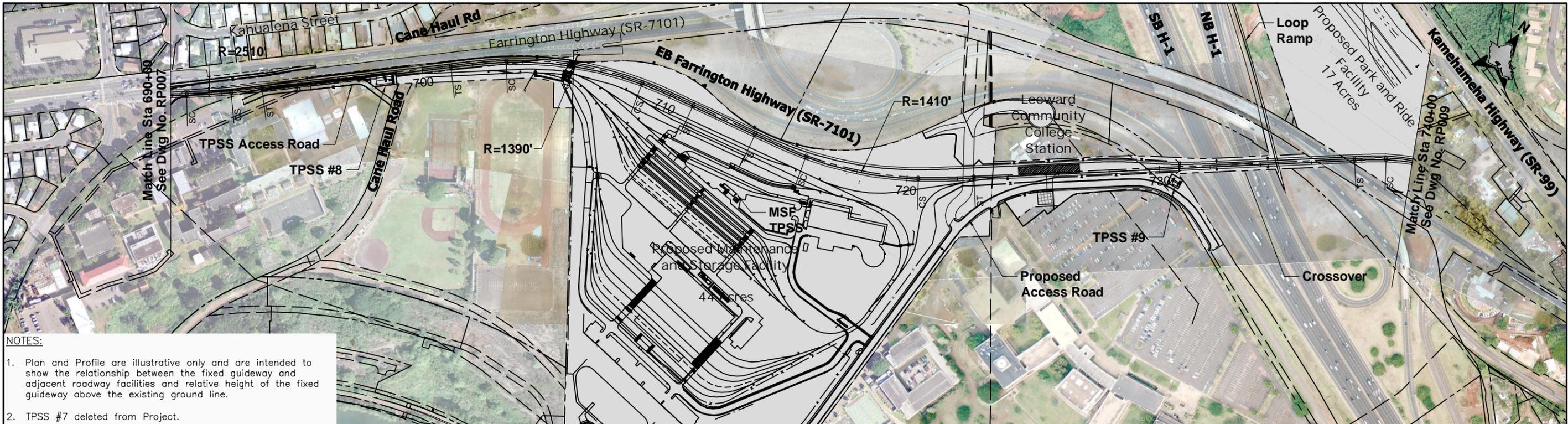
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STA 640+00 TO STA 690+00

SHEET 8 OF 27

Page No. 14 of 33

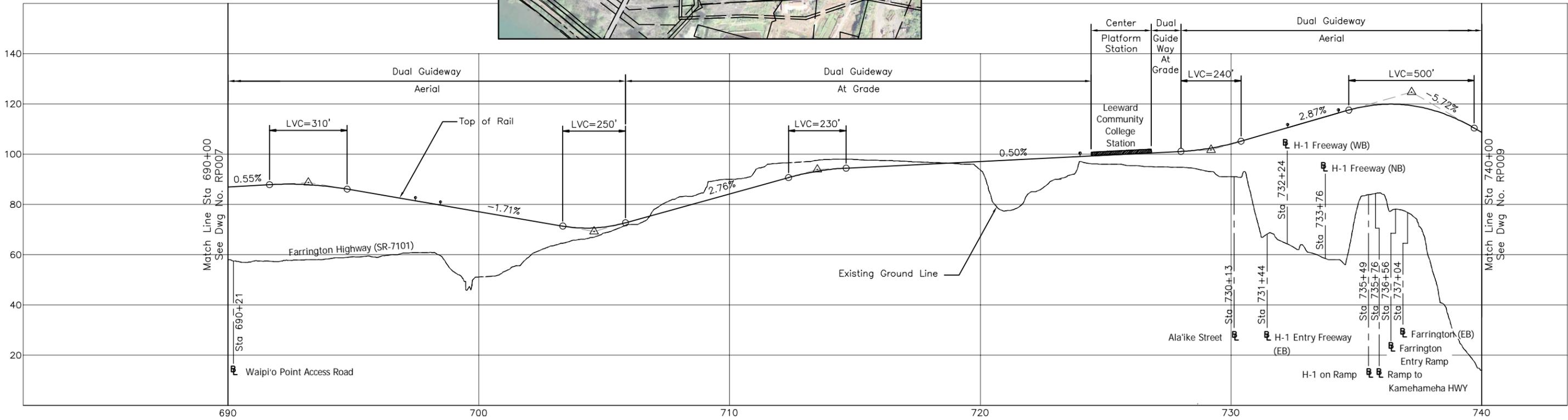
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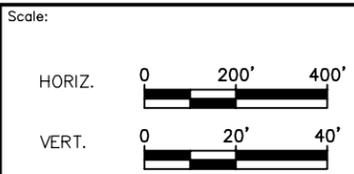
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NOTE: PLANS ARE PRELIMINARY AND SUBJECT TO CHANGE



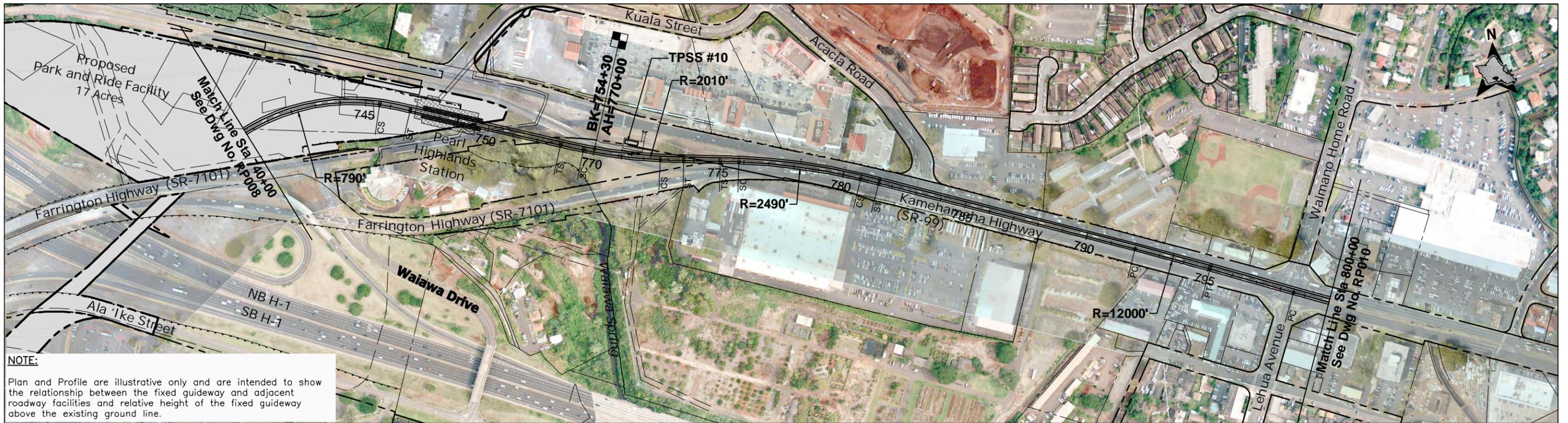
CITY & COUNTY OF HONOLULU
DEPARTMENT OF TRANSPORTATION SERVICES
RAPID TRANSIT DIVISION

HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT



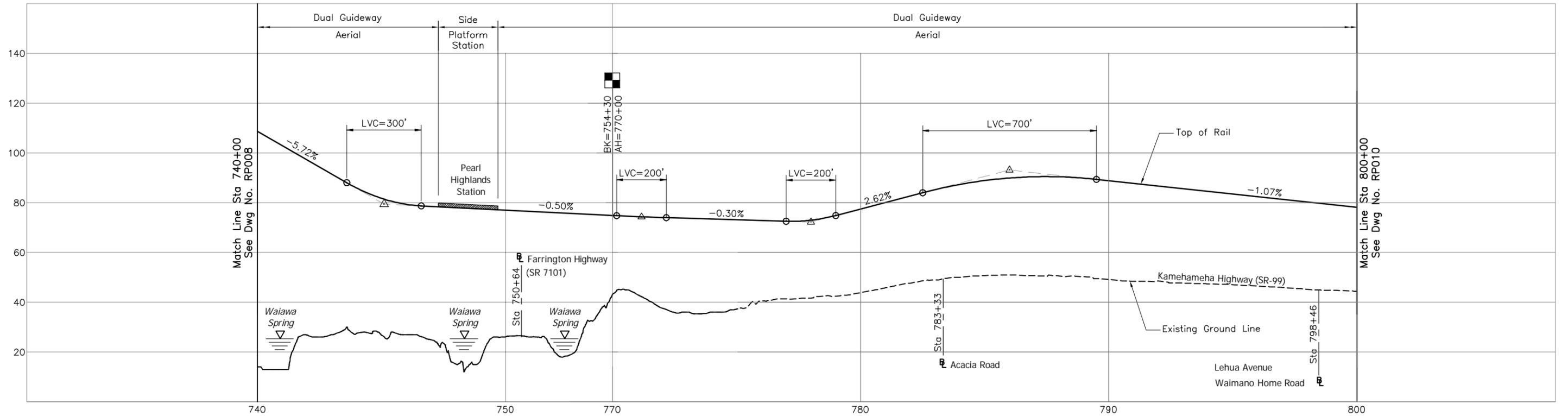
PRELIMINARY ALIGNMENT PLANS AND PROFILES
PLAN AND PROFILE
STA 690+00 TO STA 740+00
SHEET 9 OF 29

Page No. 15 of 35
Drawing No. **RP008**
Date: 12/09/09



NOTE:
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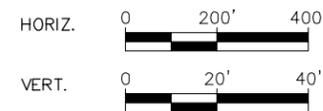
NOTE: PLANS ARE PRELIMINARY AND SUBJECT TO CHANGE



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

HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT

Scale:



PRELIMINARY ALIGNMENT PLANS AND PROFILES

PLAN AND PROFILE
STA 740+00 TO STA 800+00

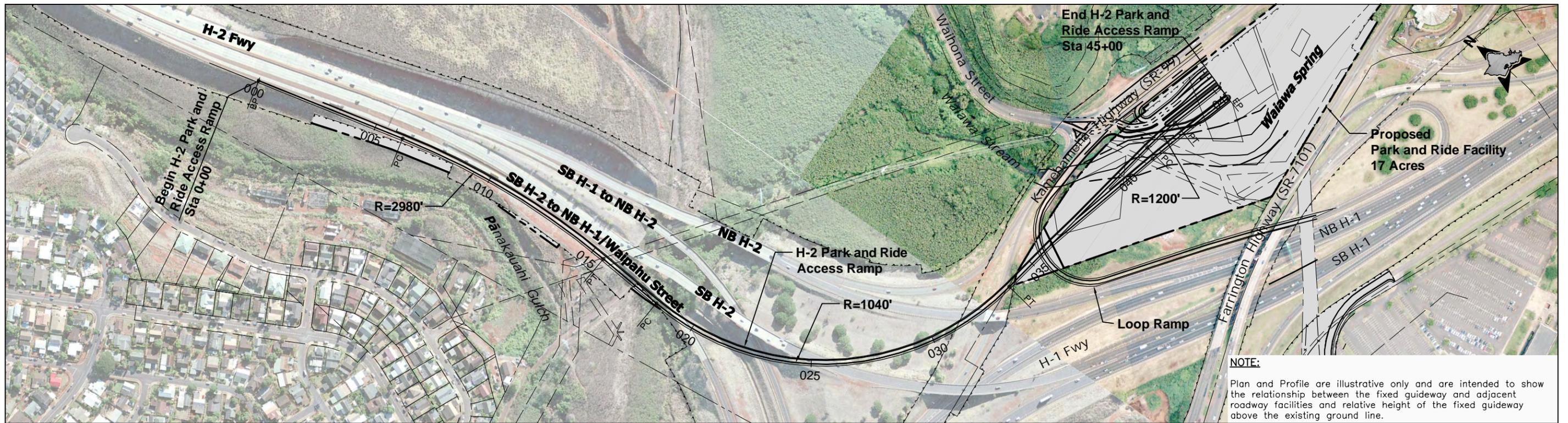
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Page No. 16 of 33

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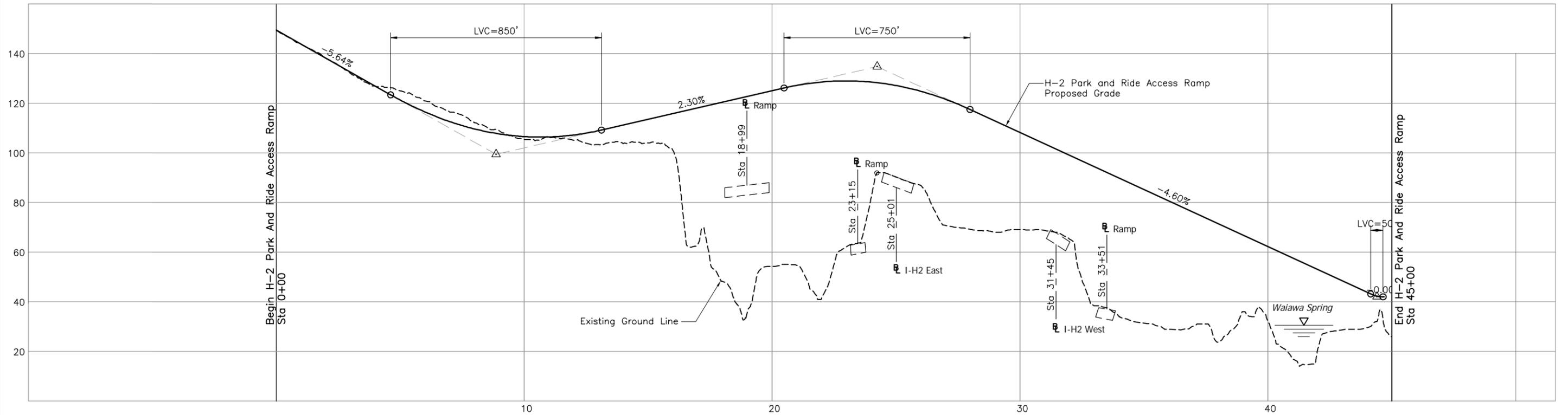
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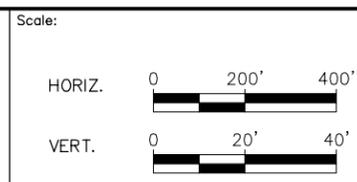
NOTE:
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NOTE: PLANS ARE PRELIMINARY AND SUBJECT TO CHANGE



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

HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT



PRELIMINARY ALIGNMENT PLANS AND PROFILES

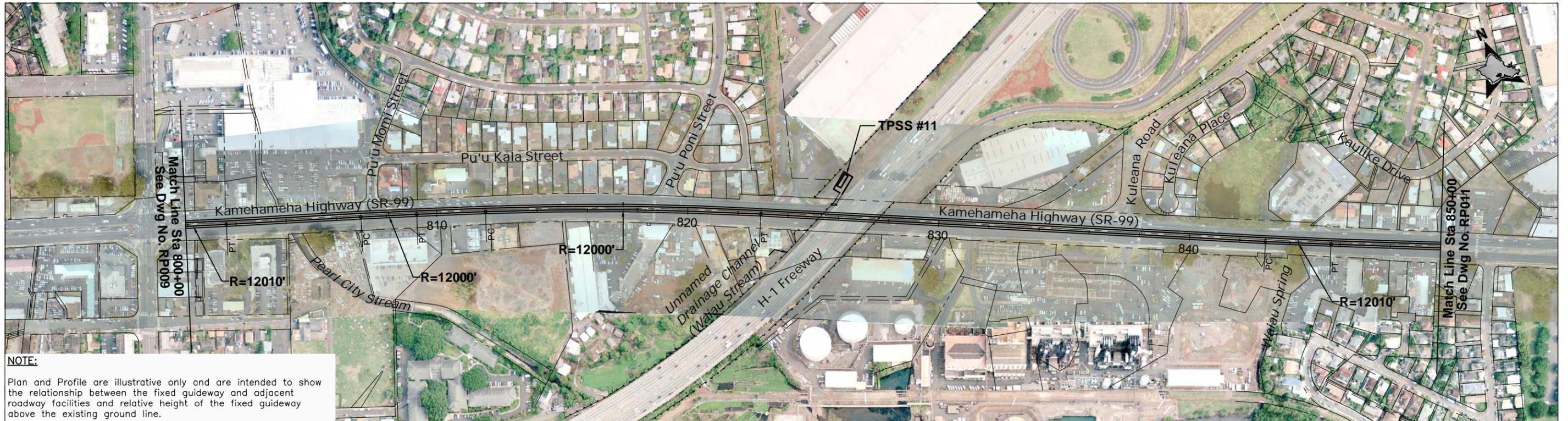
PLAN AND PROFILE
H-2 PARK AND RIDE ACCESS RAMP

SHEET 11 OF 27

Page No. 17 of 33

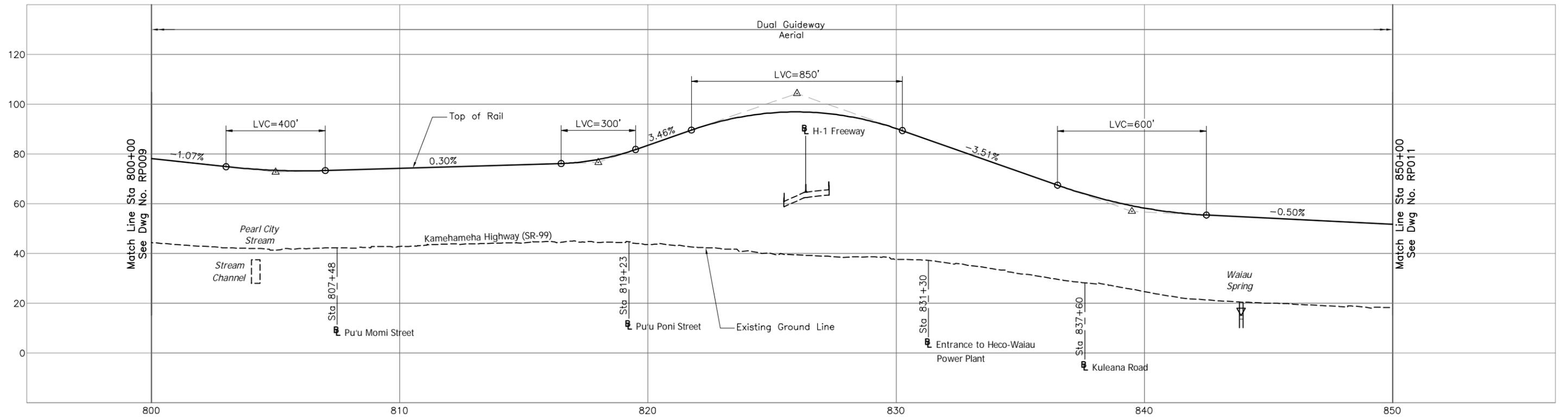
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Date: 02/26/10



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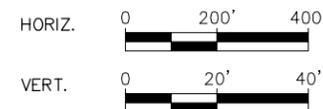
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CITY & COUNTY OF HONOLULU
 DEPARTMENT OF TRANSPORTATION SERVICES
 RAPID TRANSIT DIVISION

HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT

Scale:



PRELIMINARY ALIGNMENT PLANS AND PROFILES

PLAN AND PROFILE
 STA 800+00 TO STA 850+00

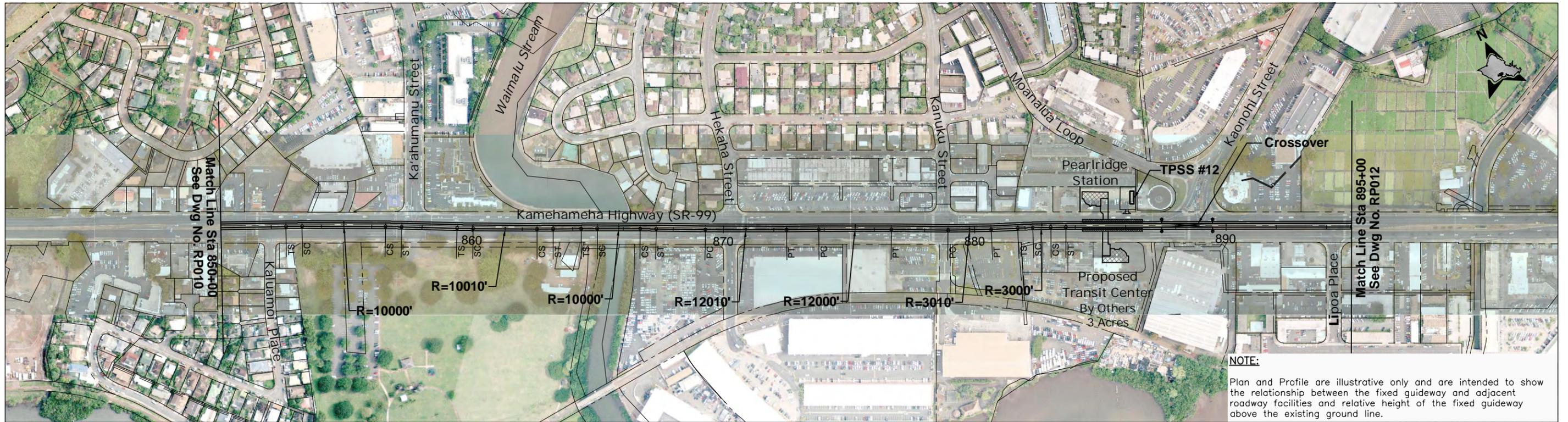
SHEET 12 OF 27

Page No. 18 of 33

Drawing No.

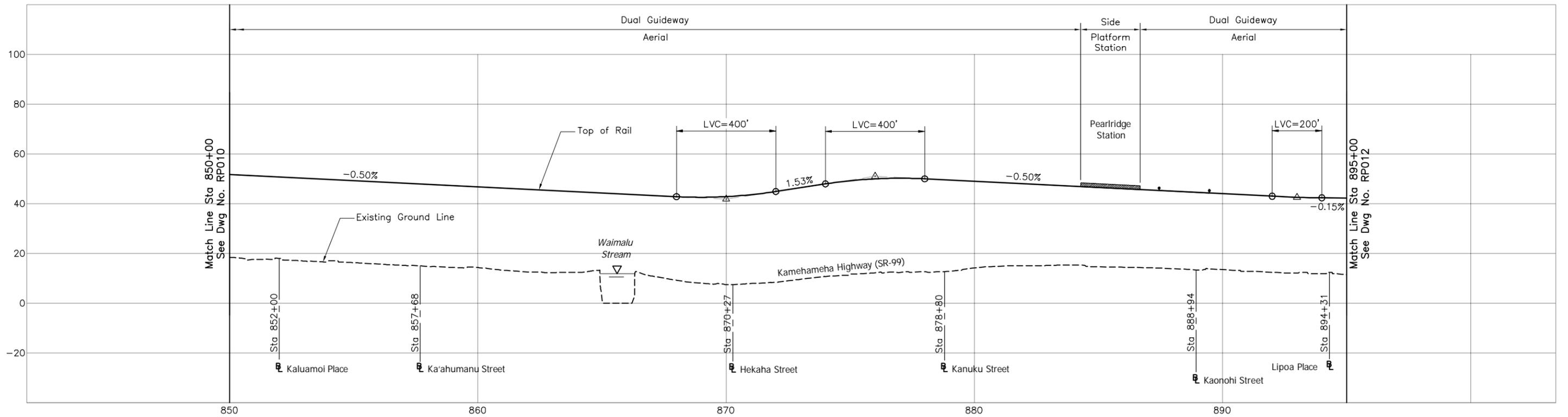
RP010

Date: 02/26/10



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.

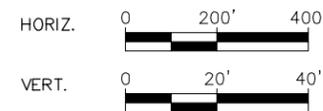
NOTE: PLANS ARE PRELIMINARY AND SUBJECT TO CHANGE



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RAPID TRANSIT DIVISION

HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT

Scale:



PRELIMINARY ALIGNMENT PLANS AND PROFILES

PLAN AND PROFILE
STA 850+00 TO STA 895+00

SHEET 13 OF 27

Page No. 19 of 33

Drawing No:

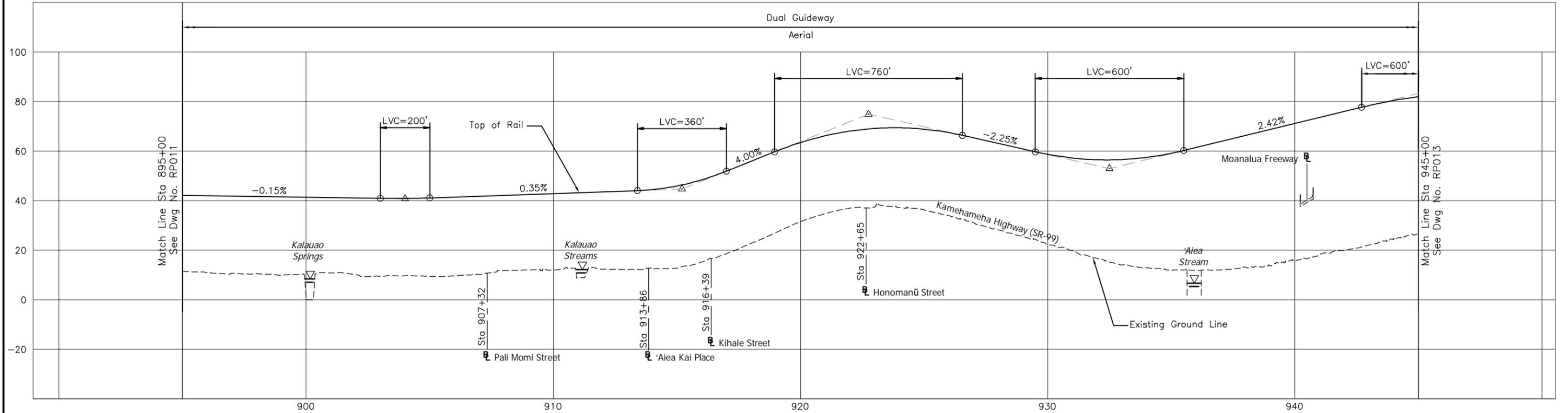
RP011

Date: 02/26/10



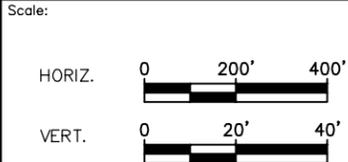
- NOTES:
1. Plan and Profile are illustrative only and are intended to show the relationship between the fixed guideway and adjacent roadway facilities and relative height of the fixed guideway above the existing ground line.
 2. TPSS Nos. 13-18 deleted from Project.

NOTE: PLANS ARE PRELIMINARY AND SUBJECT TO CHANGE



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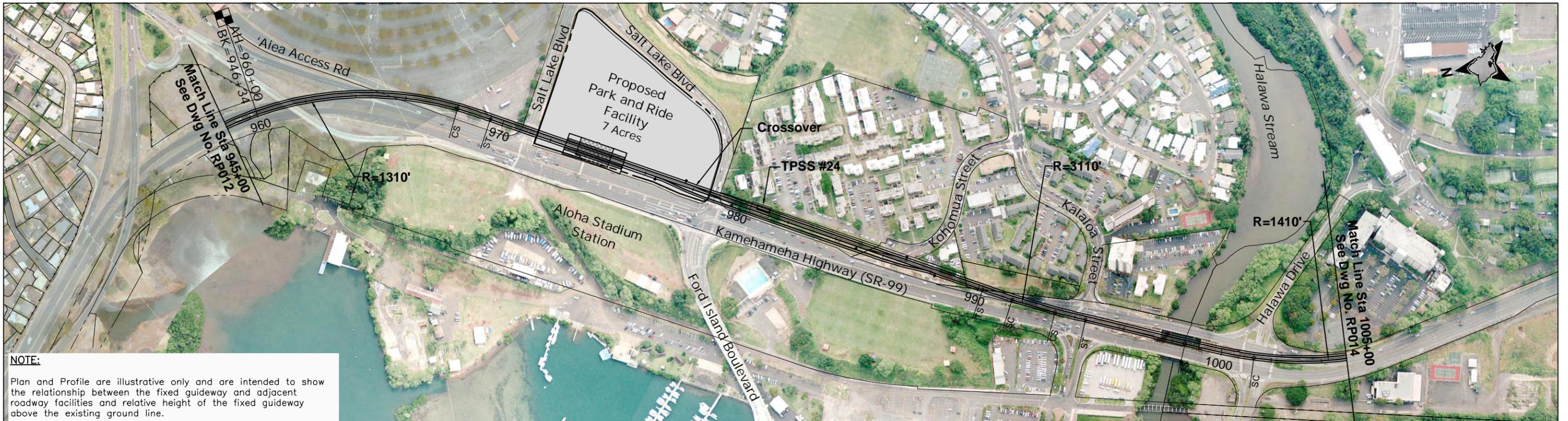
HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT



PRELIMINARY ALIGNMENT PLANS AND PROFILES

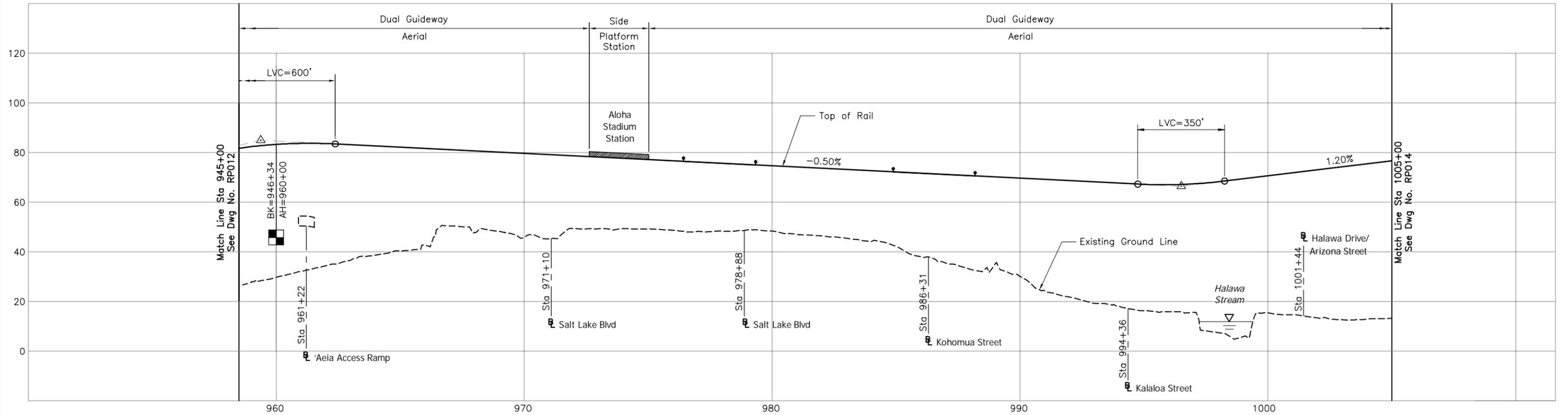
PLAN AND PROFILE
STA 895+00 TO STA 945+00

SHEET 14 OF 27



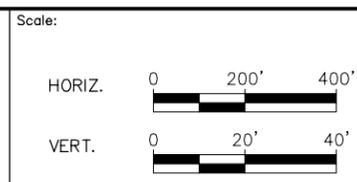
NOTE:
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NOTE: PLANS ARE PRELIMINARY AND SUBJECT TO CHANGE



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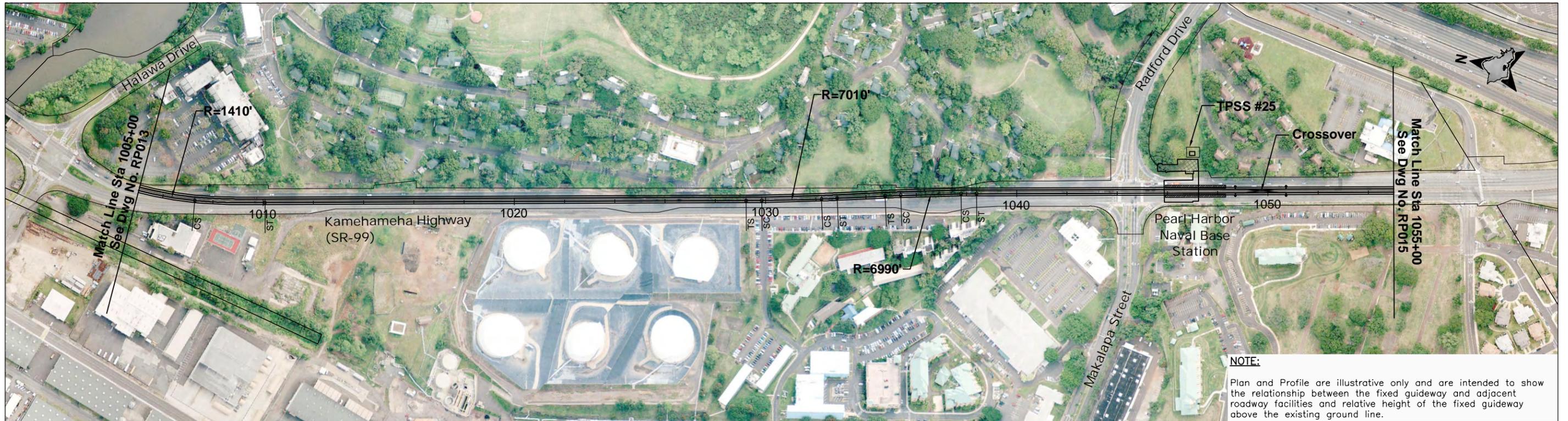
HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT



PRELIMINARY ALIGNMENT PLANS AND PROFILES

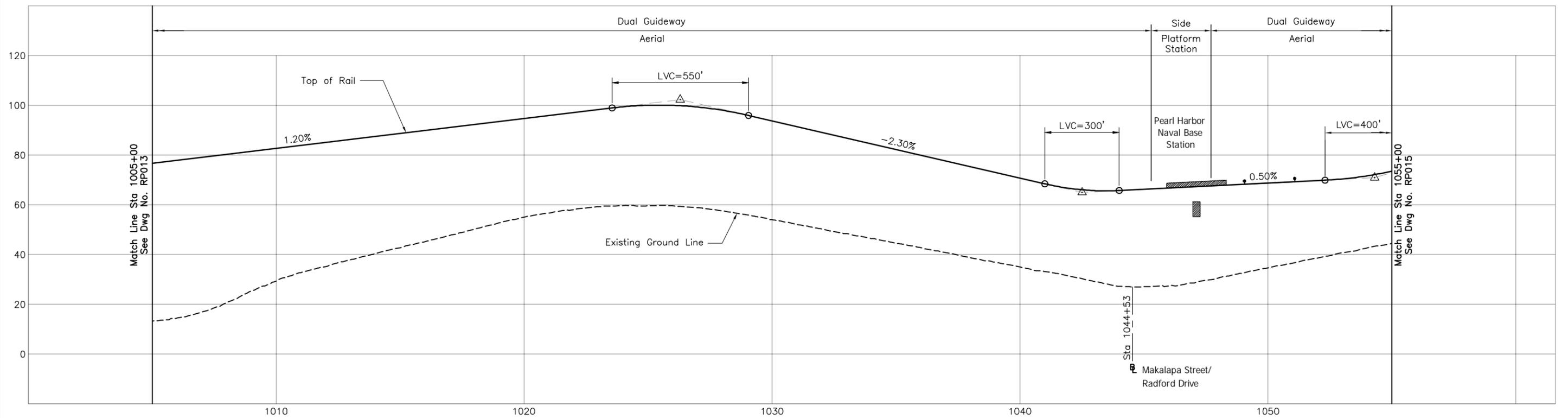
PLAN AND PROFILE
 STA 945+00 TO STA 1005+00
 SHEET 15 OF 27

Page No. 21 of 33
 Drawing No. **RP013**
 Date: 02/26/10



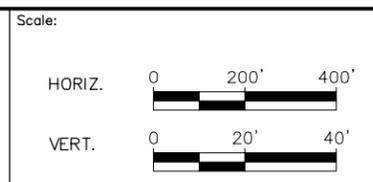
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NOTE: PLANS ARE PRELIMINARY AND SUBJECT TO CHANGE



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HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT



PRELIMINARY ALIGNMENT PLANS AND PROFILES

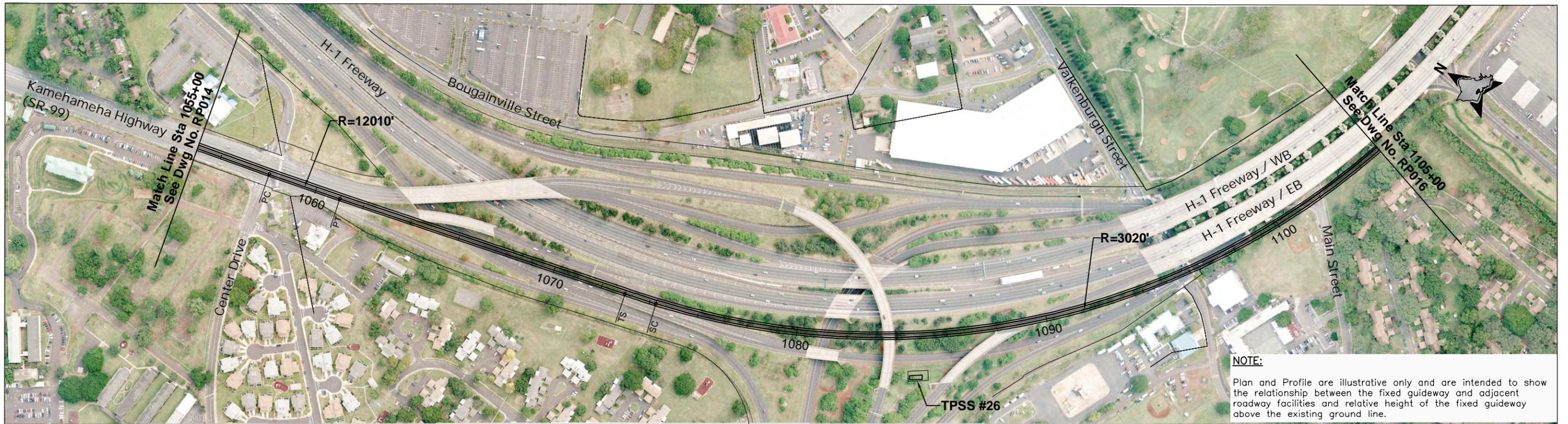
PLAN AND PROFILE
STA 1005+00 TO STA 1055+00

SHEET 16 OF 27

Page No. 22 of 33

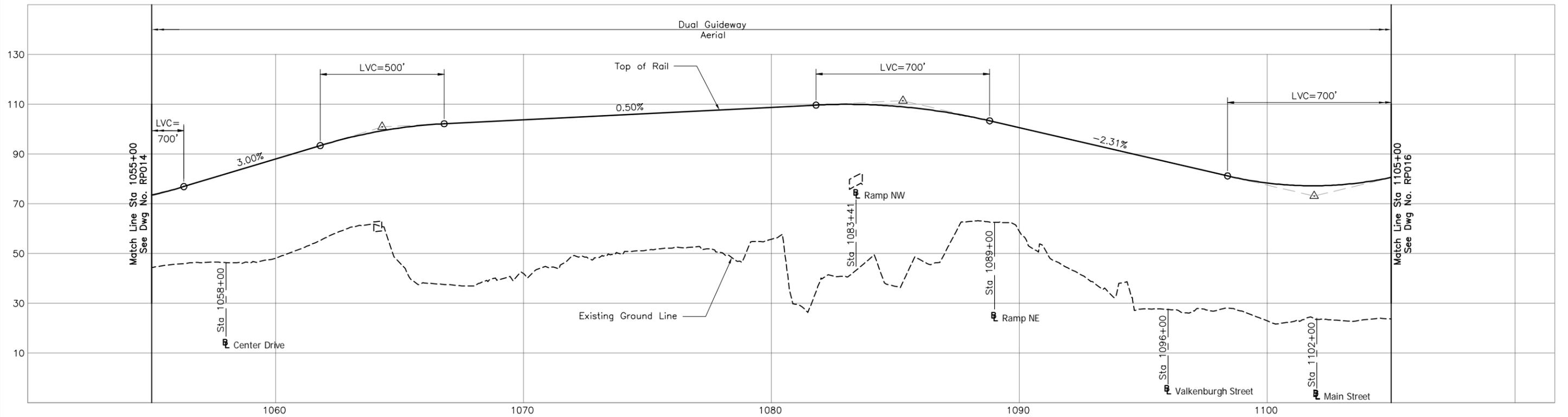
Drawing No. **RP014**

Date: 02/26/10



NOTE:
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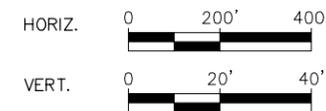
NOTE: PLANS ARE PRELIMINARY AND SUBJECT TO CHANGE



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HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT

Scale:



PRELIMINARY ALIGNMENT PLANS AND PROFILES

PLAN AND PROFILE
STA 1055+00 TO STA 1105+00
SHEET 17 OF 27

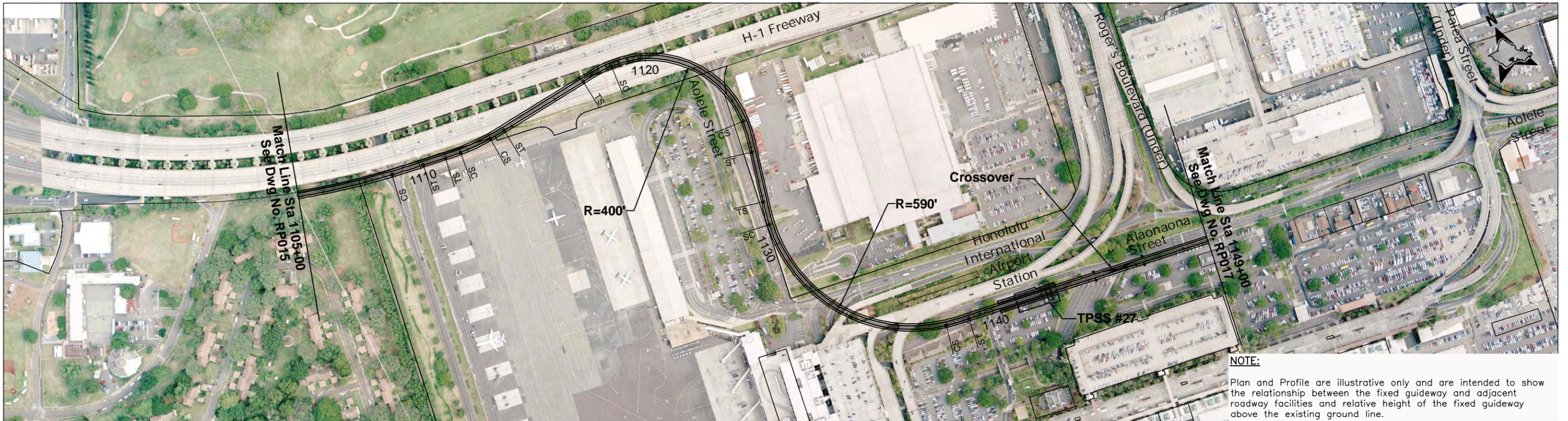
Page No. 23 of 33

Drawing No.

RP015

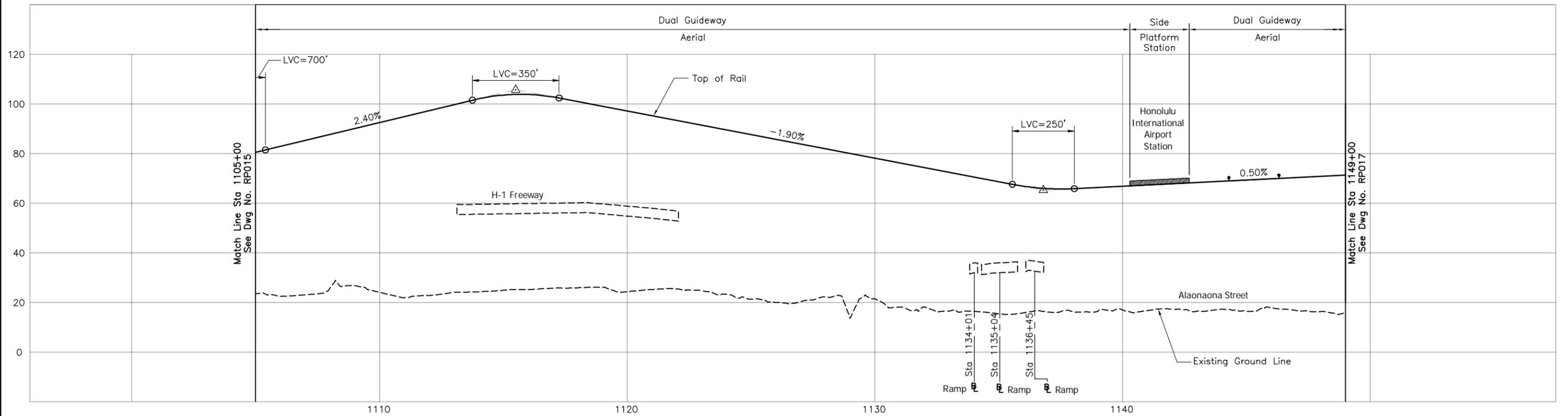
Date:

02/26/10



NOTE: PLANS ARE PRELIMINARY AND SUBJECT TO CHANGE

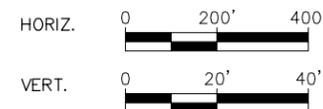
NOTE:
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DEPARTMENT OF TRANSPORTATION SERVICES
RAPID TRANSIT DIVISION

HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT

Scale:



PRELIMINARY ALIGNMENT PLANS AND PROFILES

**PLAN AND PROFILE
STA 1105+00 TO STA 1149+00**

SHEET 18 OF 27

Page No. 24 of 33

Drawing No.

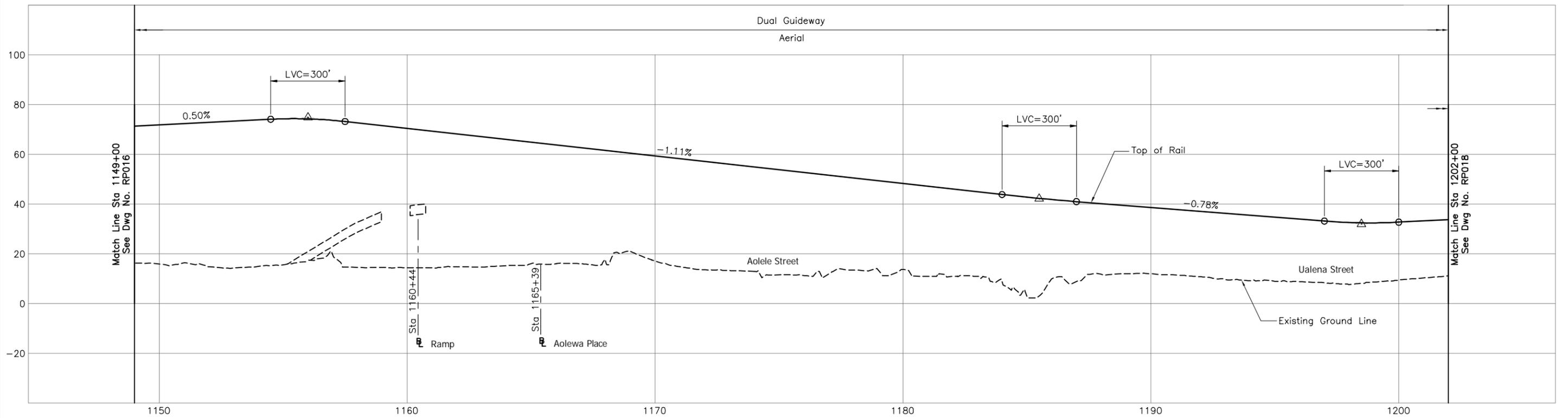
RP016

Date: 02/26/10



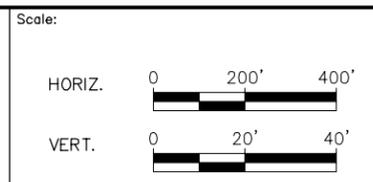
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NOTE: PLANS ARE PRELIMINARY AND SUBJECT TO CHANGE



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 DEPARTMENT OF TRANSPORTATION SERVICES
 RAPID TRANSIT DIVISION

HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT



PRELIMINARY ALIGNMENT PLANS AND PROFILES

PLAN AND PROFILE
 STA 1149+00 TO STA 1202+00

SHEET 19 OF 27

Page No. 25 of 33

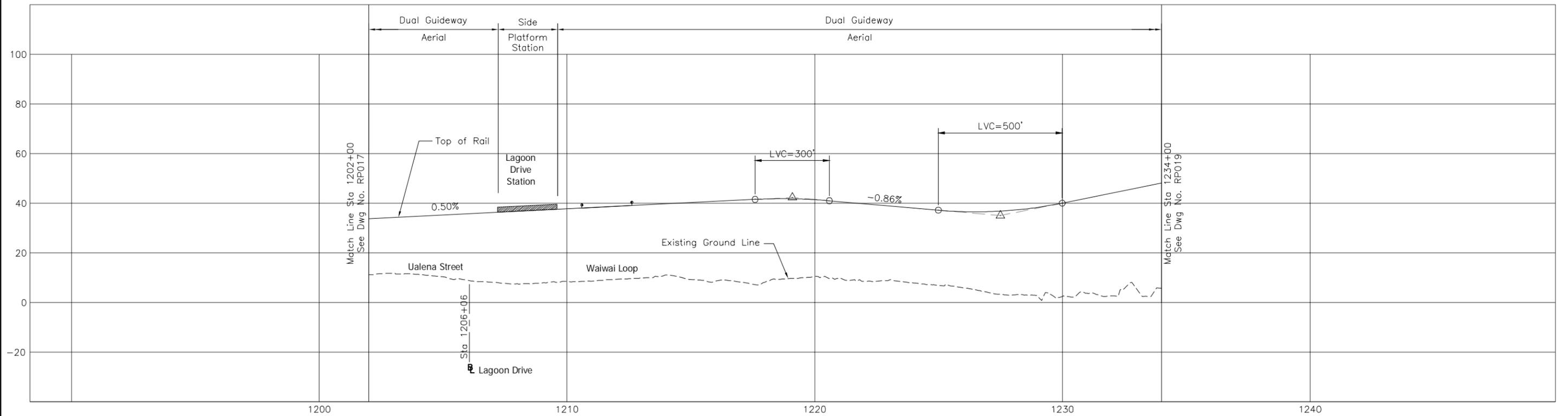
Drawing No. **RP017**

Date: 02/26/10



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.

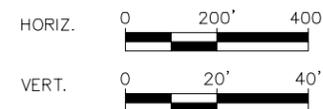
NOTE: PLANS ARE PRELIMINARY AND SUBJECT TO CHANGE



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Scale:



PRELIMINARY ALIGNMENT PLANS AND PROFILES

PLAN AND PROFILE
 STA 1202+00 TO STA 1234+00

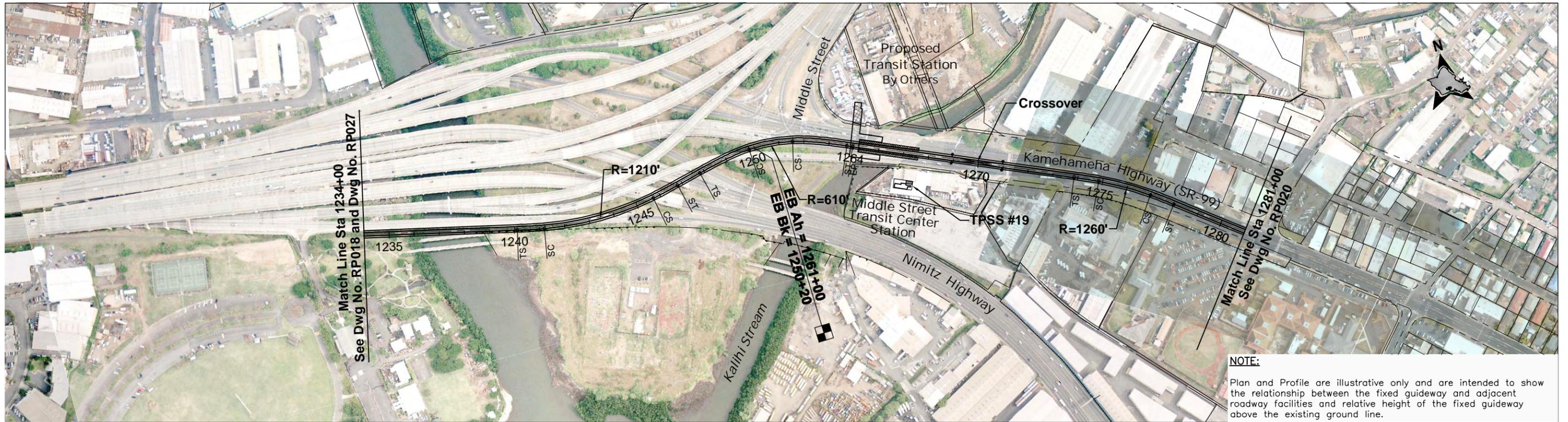
SHEET 20 OF 27

Page No. 26 of 33

Drawing No:

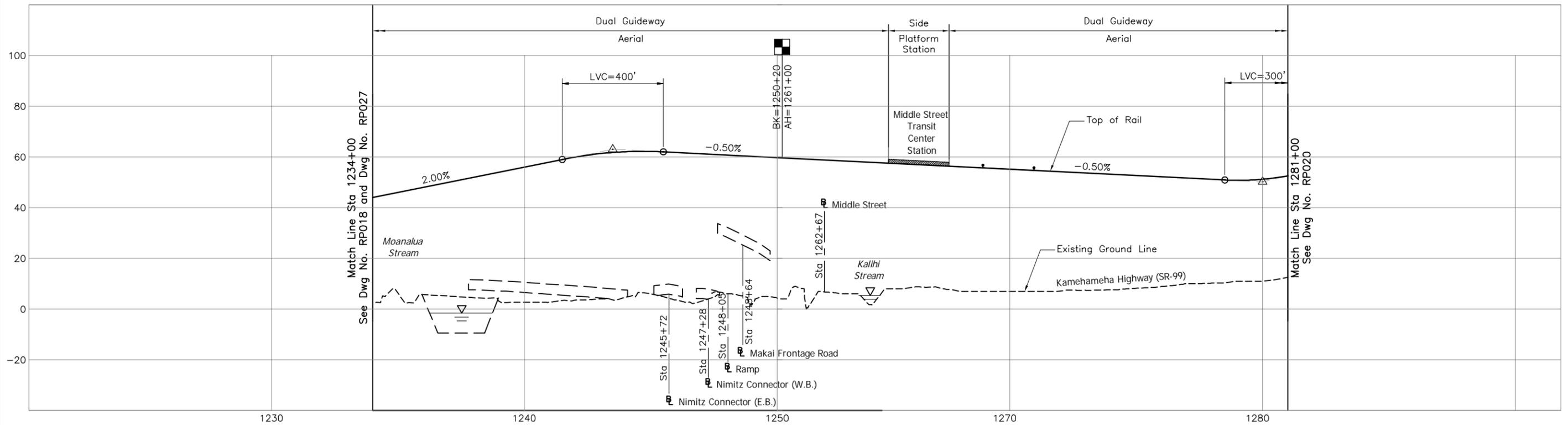
RP018

Date: 02/26/10



NOTE:
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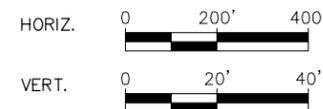
NOTE: PLANS ARE PRELIMINARY AND SUBJECT TO CHANGE



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RAPID TRANSIT DIVISION

HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT

Scale:



PRELIMINARY ALIGNMENT PLANS AND PROFILES

PLAN AND PROFILE
STA 1234+00 TO STA 1281+00

SHEET 21 OF 27

Page No. 27 of 33

Drawing No.

RP019

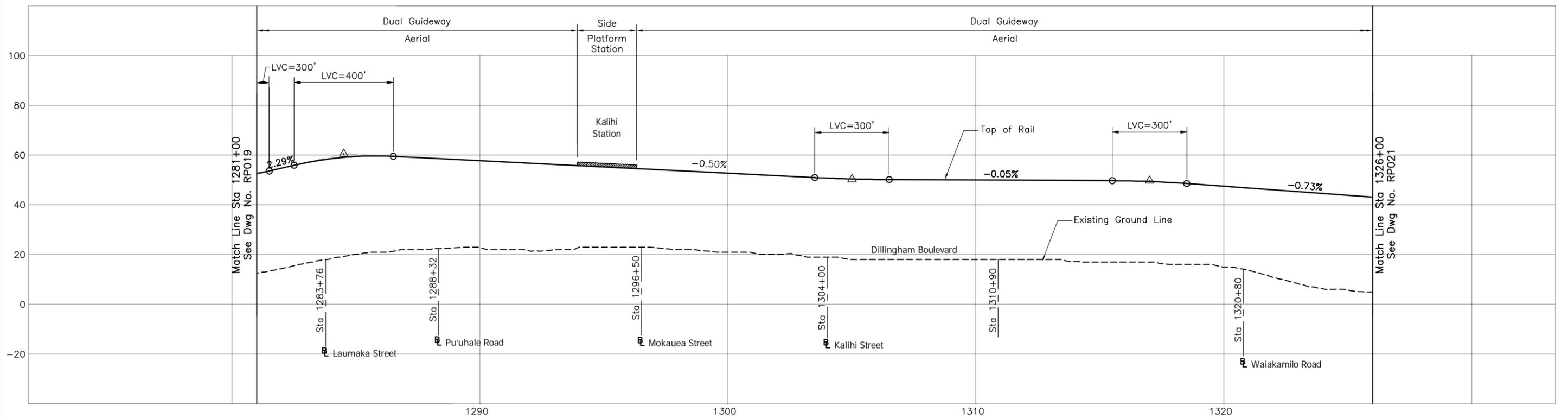
Date:

02/26/10



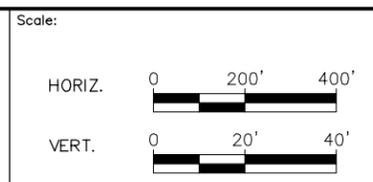
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NOTE: PLANS ARE PRELIMINARY AND SUBJECT TO CHANGE



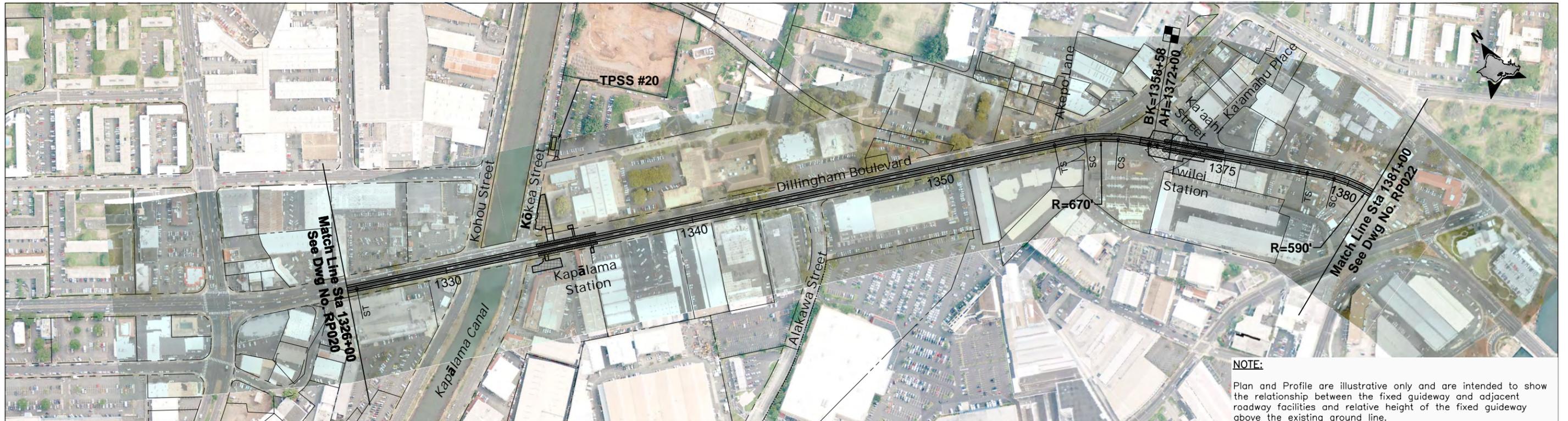
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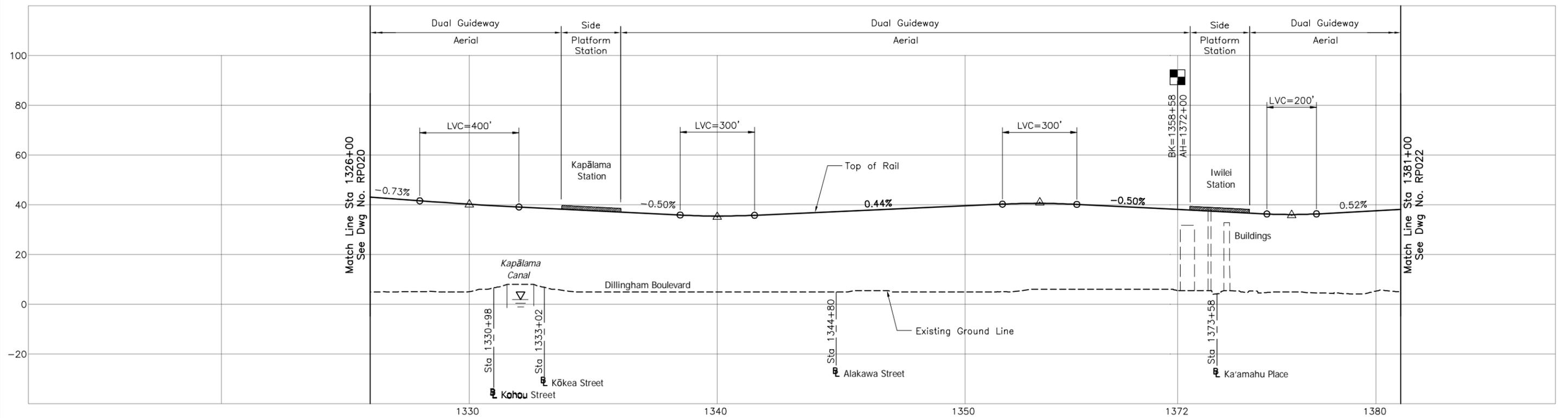
PRELIMINARY ALIGNMENT PLANS AND PROFILES
 PLAN AND PROFILE
 STA 1281+00 TO STA 1326+00
 SHEET 22 OF 27

Page No. 28 of 33
 Drawing No. **RP020**
 Date: 02/26/10



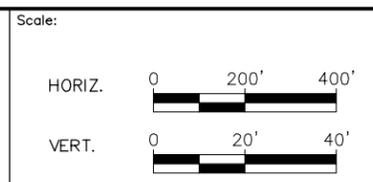
NOTE: PLANS ARE PRELIMINARY AND SUBJECT TO CHANGE

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DEPARTMENT OF TRANSPORTATION SERVICES
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HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT



PRELIMINARY ALIGNMENT PLANS AND PROFILES

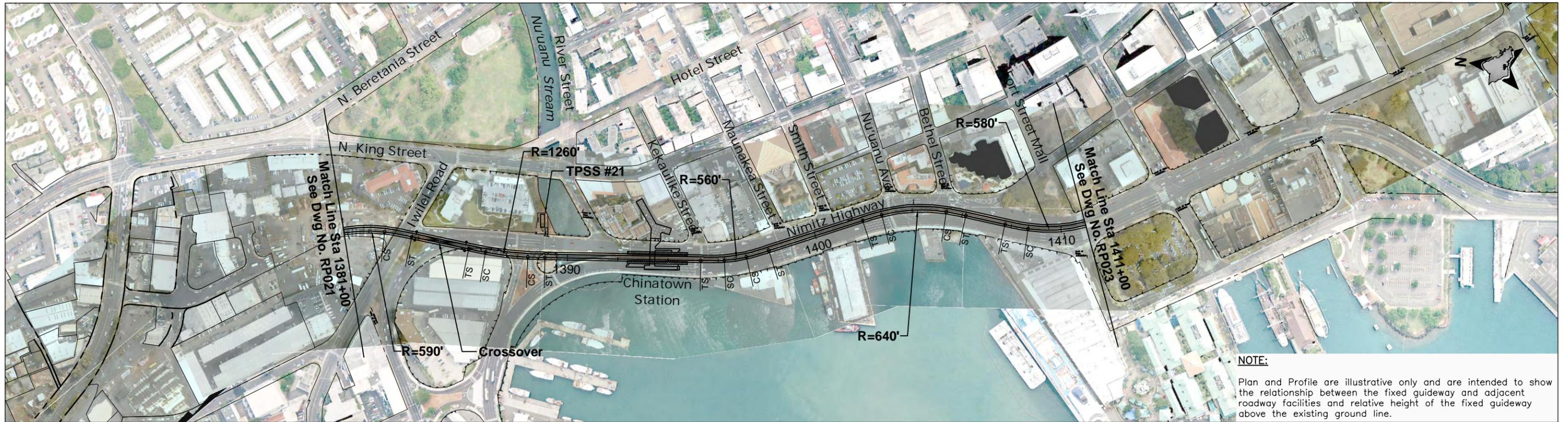
PLAN AND PROFILE
STA 1326+00 TO STA 1381+00

SHEET 23 OF 27

Page No. 29 of 33

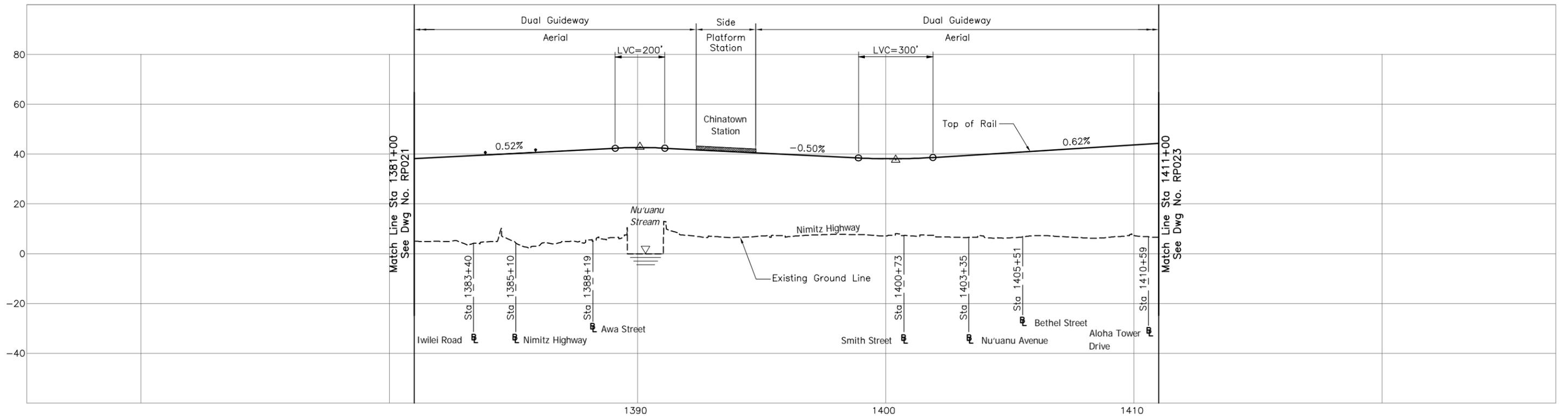
Drawing No. **RP021**

Date: 02/26/10



NOTE:
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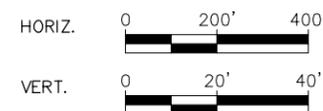
NOTE: PLANS ARE PRELIMINARY AND SUBJECT TO CHANGE



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RAPID TRANSIT DIVISION

HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT

Scale:



PRELIMINARY ALIGNMENT PLANS AND PROFILES

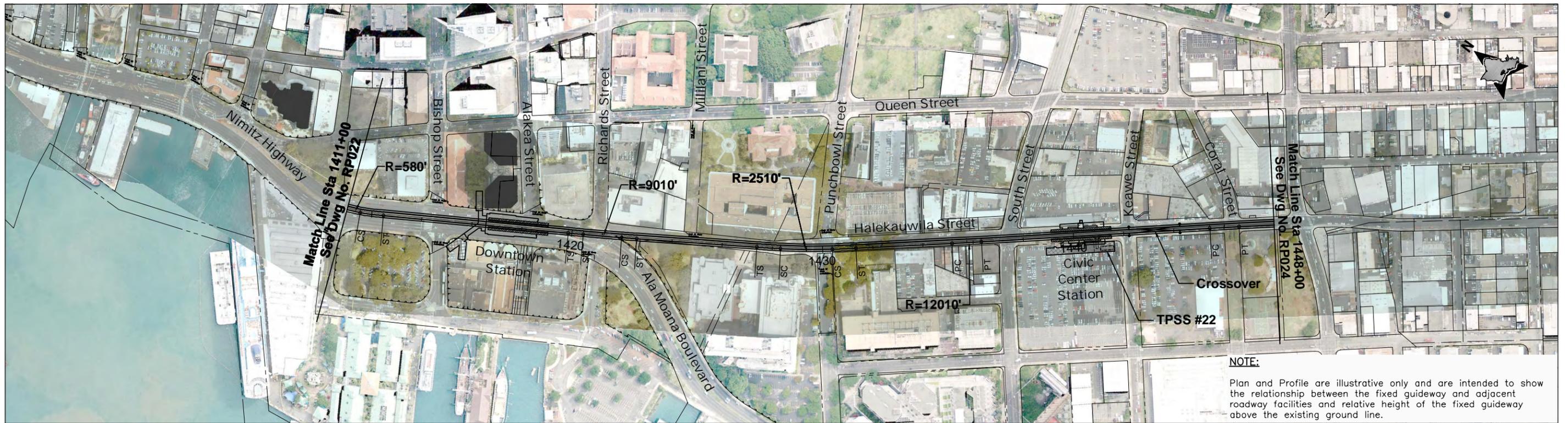
PLAN AND PROFILE
STA 1381+00 TO STA 1411+00

SHEET 24 OF 27

Page No. 30 of 33

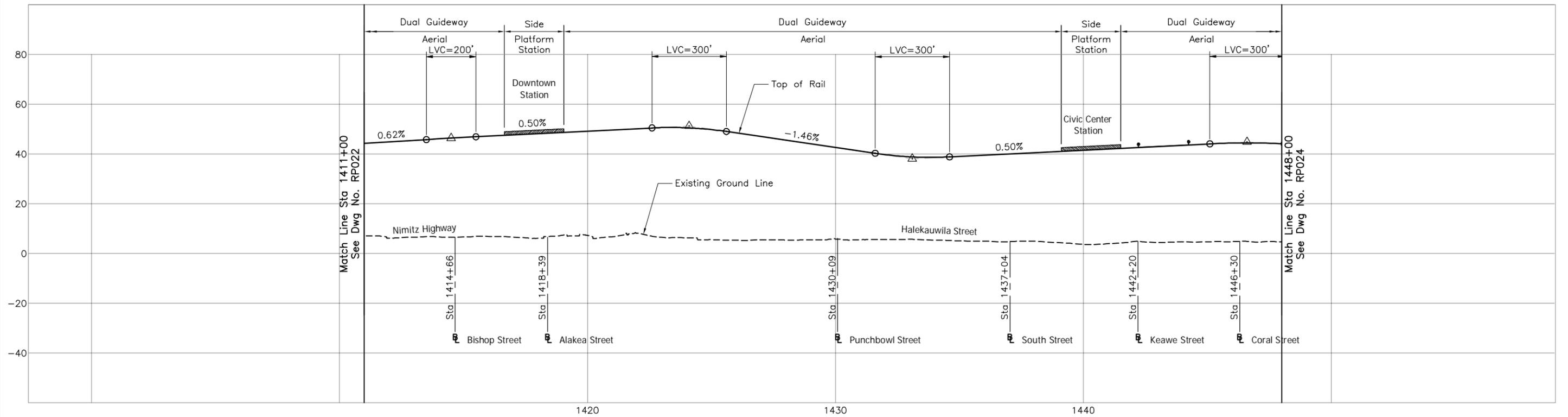
Drawing No: **RP022**

Date: 02/26/10



NOTE:
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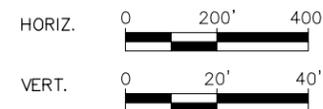
NOTE: PLANS ARE PRELIMINARY AND SUBJECT TO CHANGE



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RAPID TRANSIT DIVISION

HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT

Scale:



PRELIMINARY ALIGNMENT PLANS AND PROFILES

PLAN AND PROFILE
STA 1411+00 TO STA 1448+00

SHEET 25 OF 27

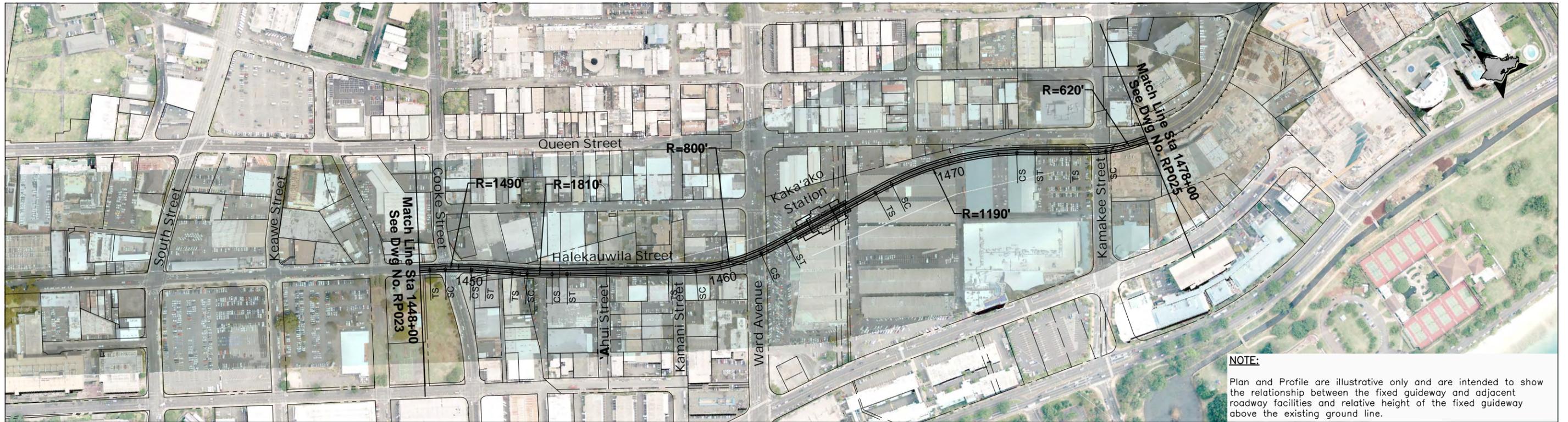
Page No. 31 of 33

Drawing No:

RP023

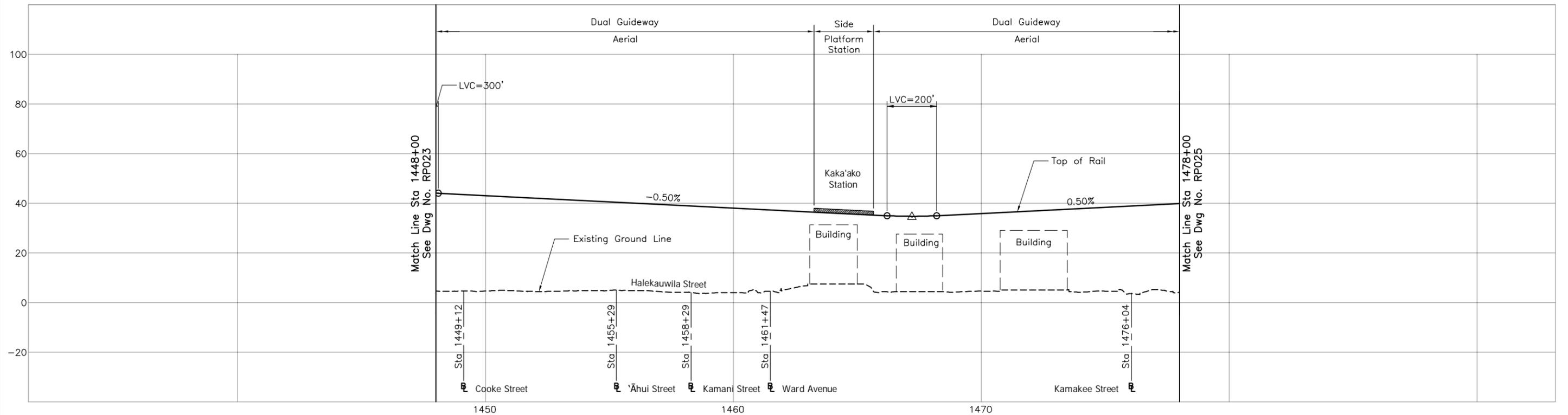
Date:

02/26/10



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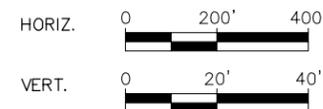
NOTE: PLANS ARE PRELIMINARY AND SUBJECT TO CHANGE



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DEPARTMENT OF TRANSPORTATION SERVICES
RAPID TRANSIT DIVISION

HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT

Scale:



PRELIMINARY ALIGNMENT PLANS AND PROFILES

PLAN AND PROFILE
STA 1448+00 TO STA 1478+00

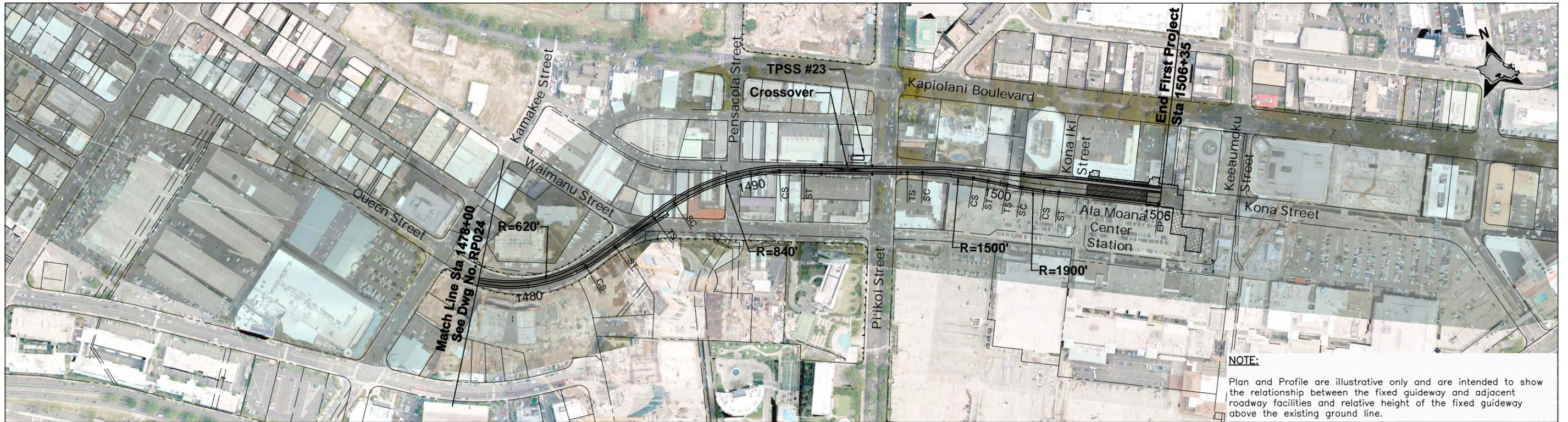
SHEET 26 OF 27

Page No. 32 of 33

Drawing No:

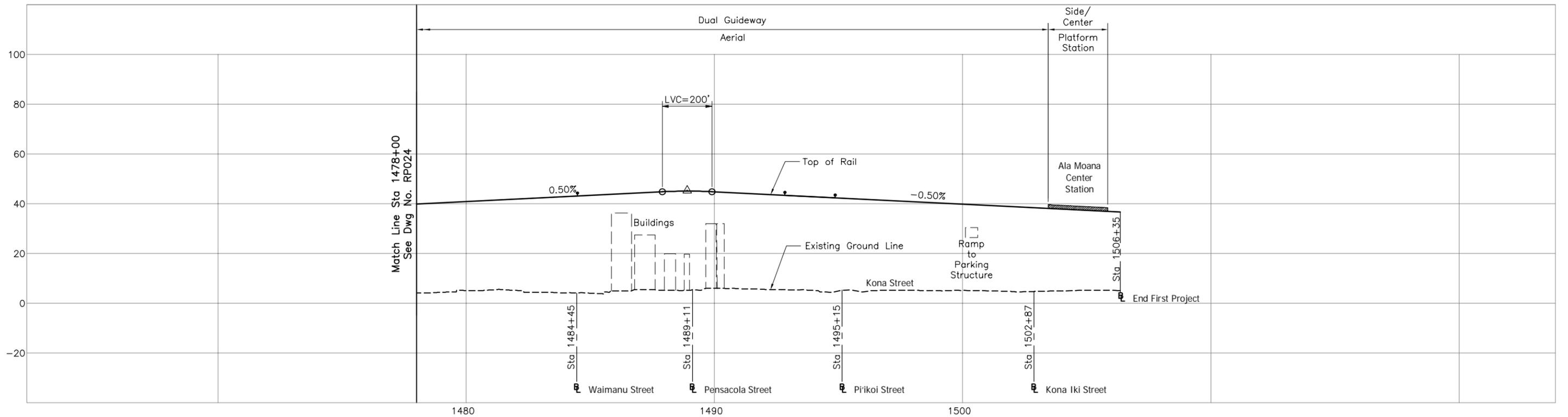
RP024

Date: 02/26/10



NOTE: PLANS ARE PRELIMINARY AND SUBJECT TO CHANGE

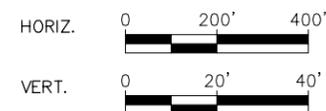
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RAPID TRANSIT DIVISION

HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT

Scale:



PRELIMINARY ALIGNMENT PLANS AND PROFILES

PLAN AND PROFILE
STA 1478+00 TO STA 1506+35

SHEET 27 OF 27

Page No. 33 of 33

Drawing No: **RP025**

Date: 02/26/10