HART Project Oversight Committee Utilities Update

May 24, 2016

Utility Relocations

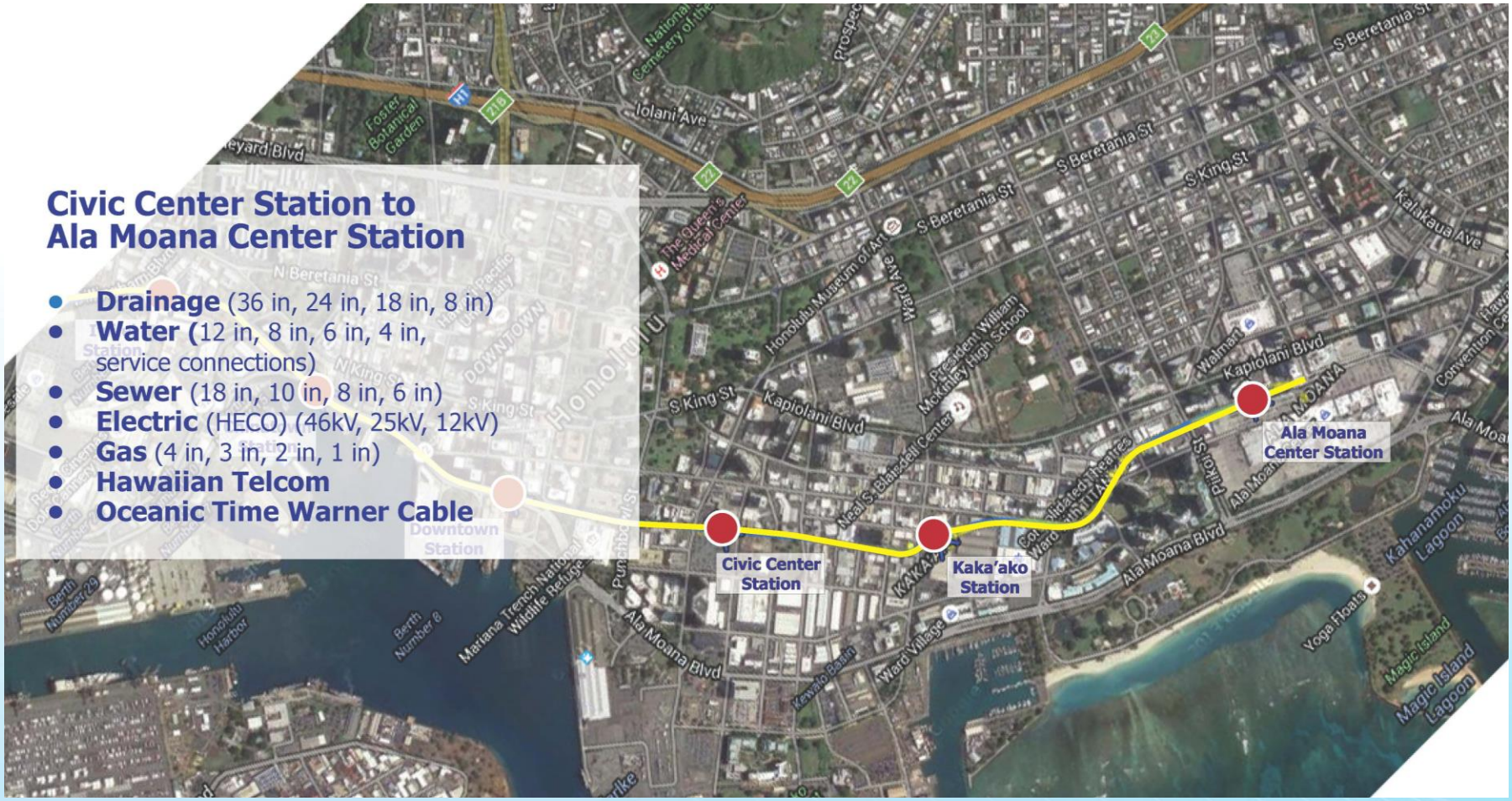
Utility Type	Linear Feet
Electrical and Communications	130,000
Street Lighting	30,000
Water	10,000
Drainage	9,000
Sewer	8,000
Gas	3,000

**Quantities are preliminary estimates only*

Dillingham Corridor MIDDLE ST. TO IWILEI

Kaka'ako Corridor IWILEI TO CIVIC CENTER

Downtown Corridor CIVIC CENTER TO ALA MOANA



Dillingham Construction

Overall Sequence

March 2016 – Early 2017

Temporary utilities

Early 2017 – Late 2019

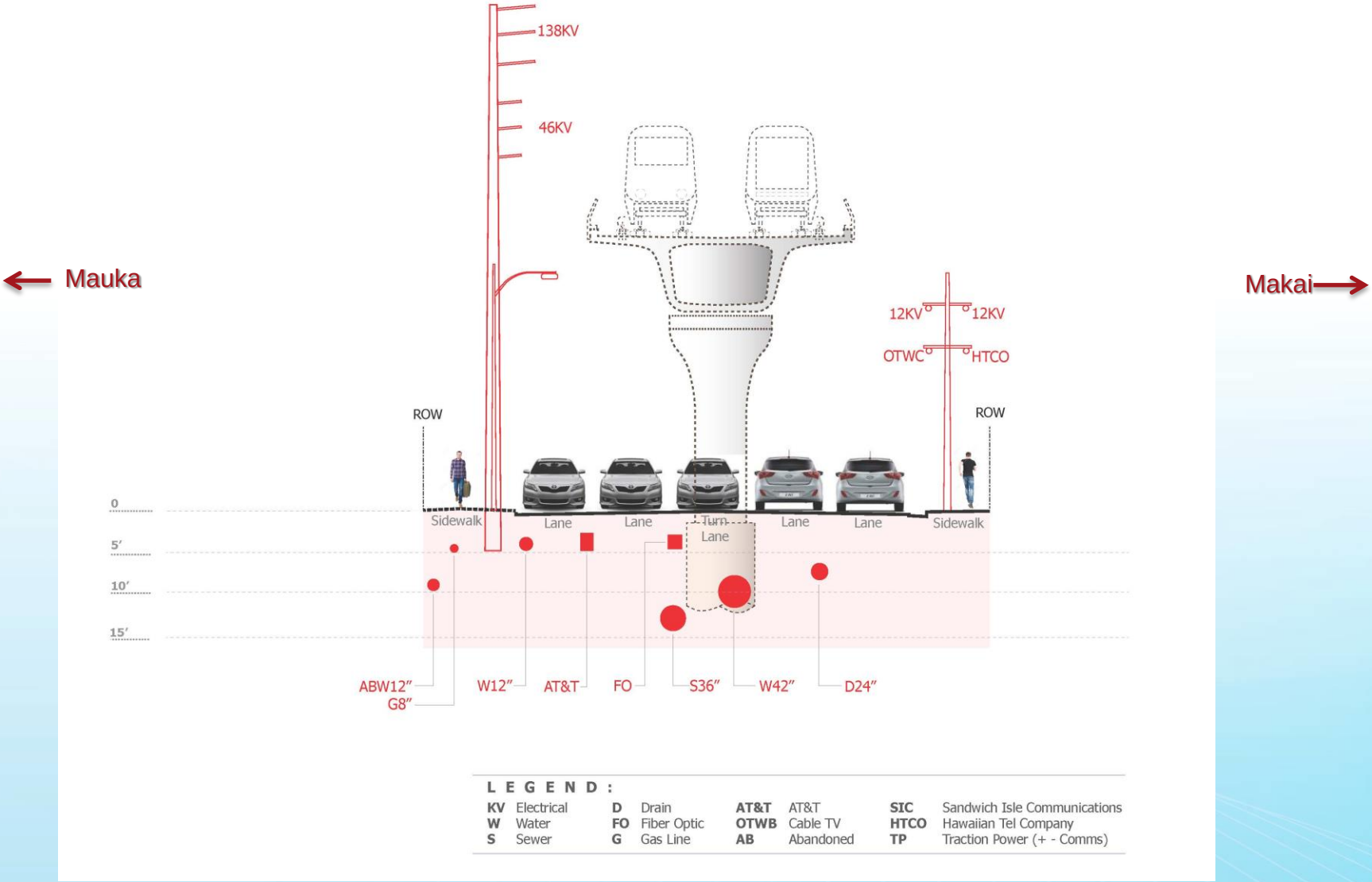
Roadway and permanent utilities including undergrounding of 138kV

2019 – 2022

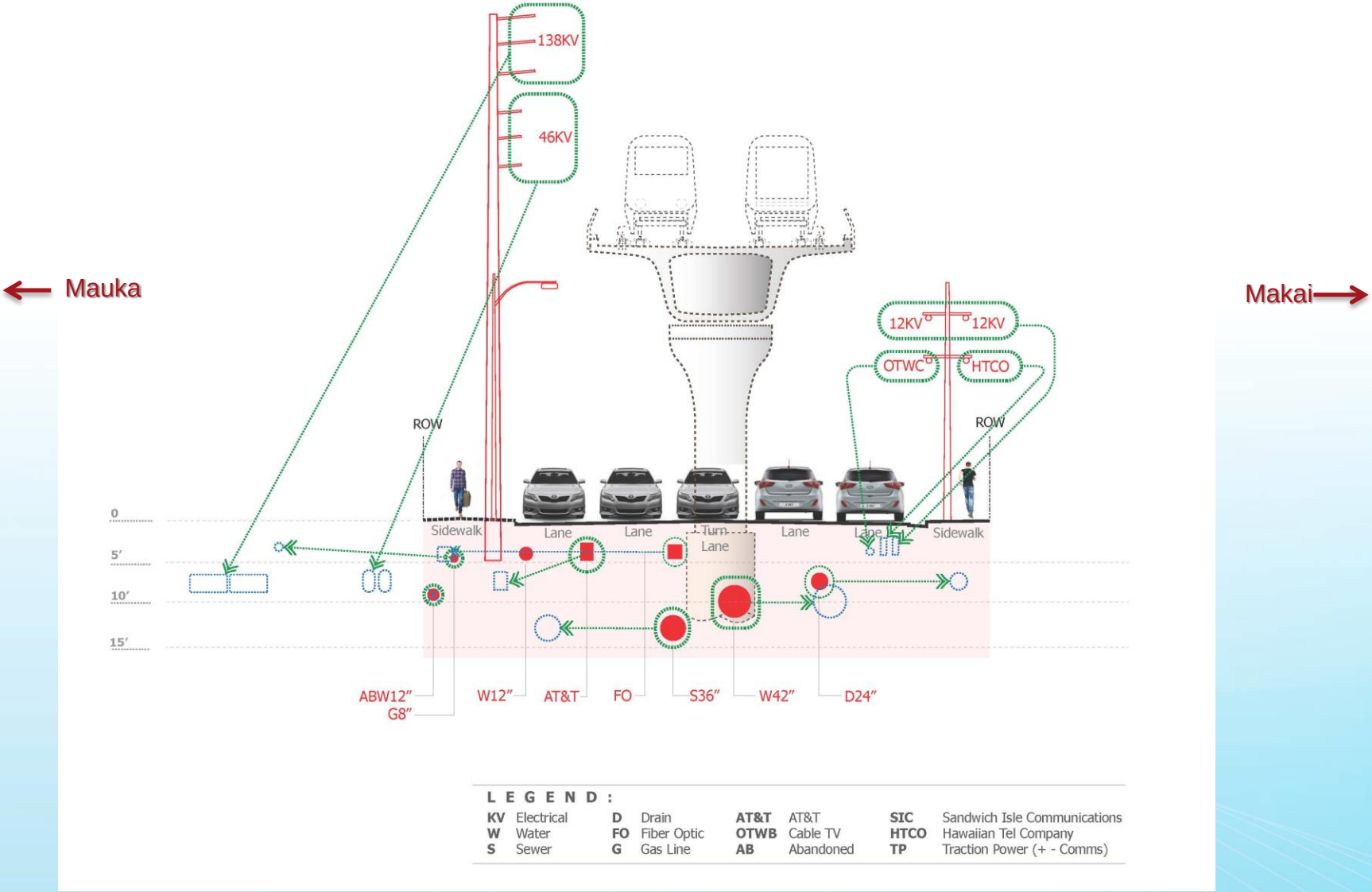
Guideway & Stations

Testing & Commissioning

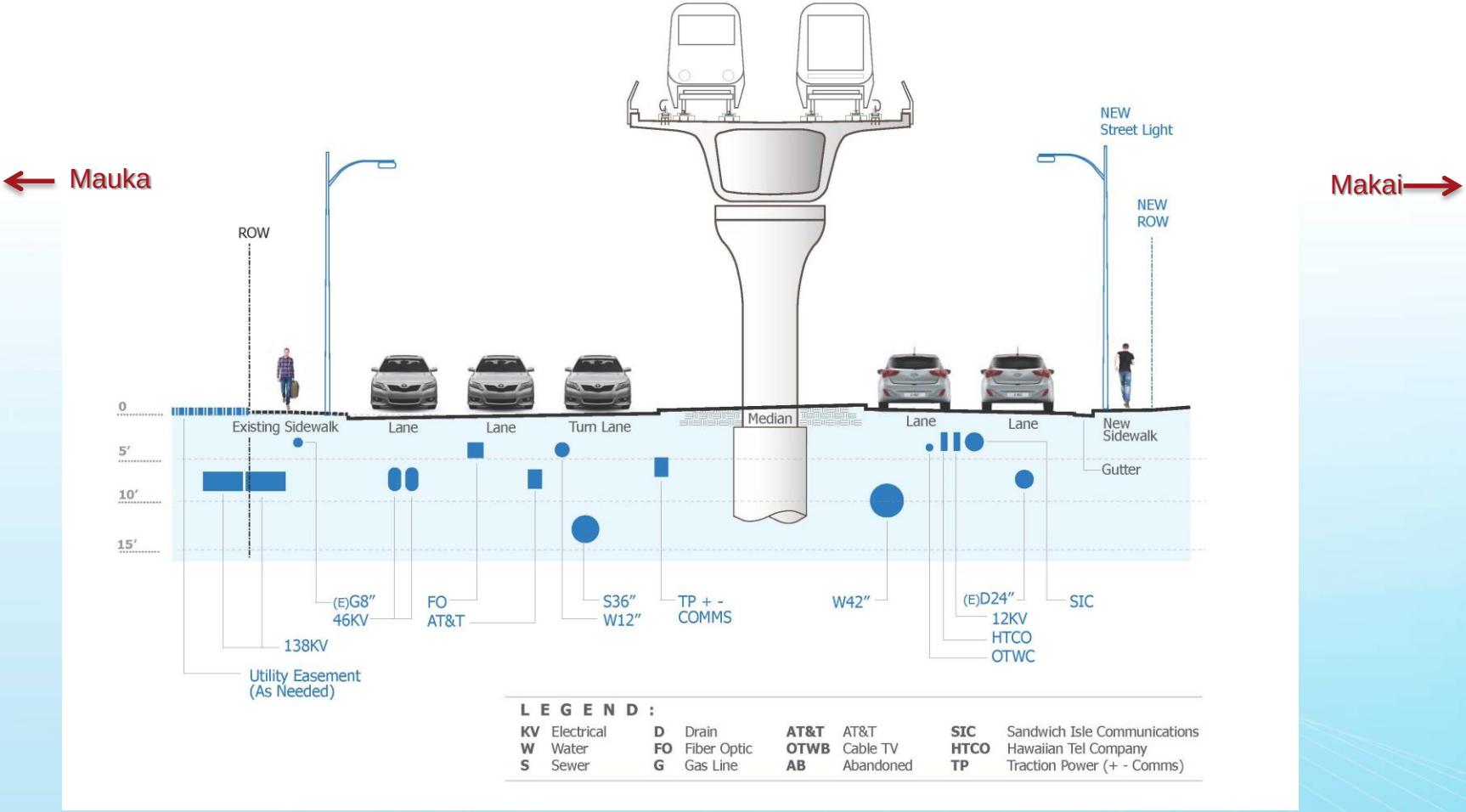
Dillingham Boulevard Utilities EXISTING



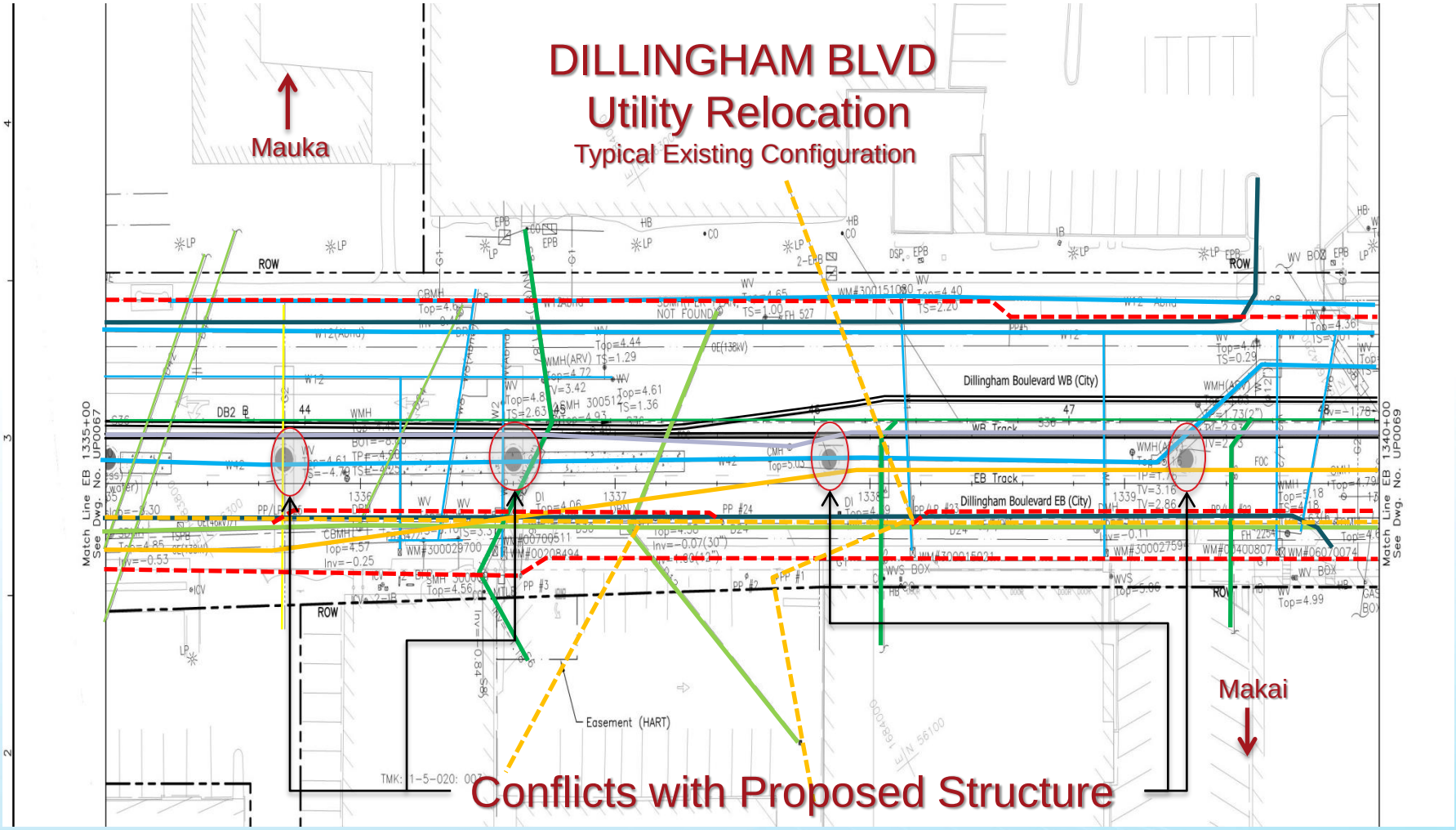
Dillingham Boulevard Utilities RELOCATE



Dillingham Boulevard Utilities PROPOSED

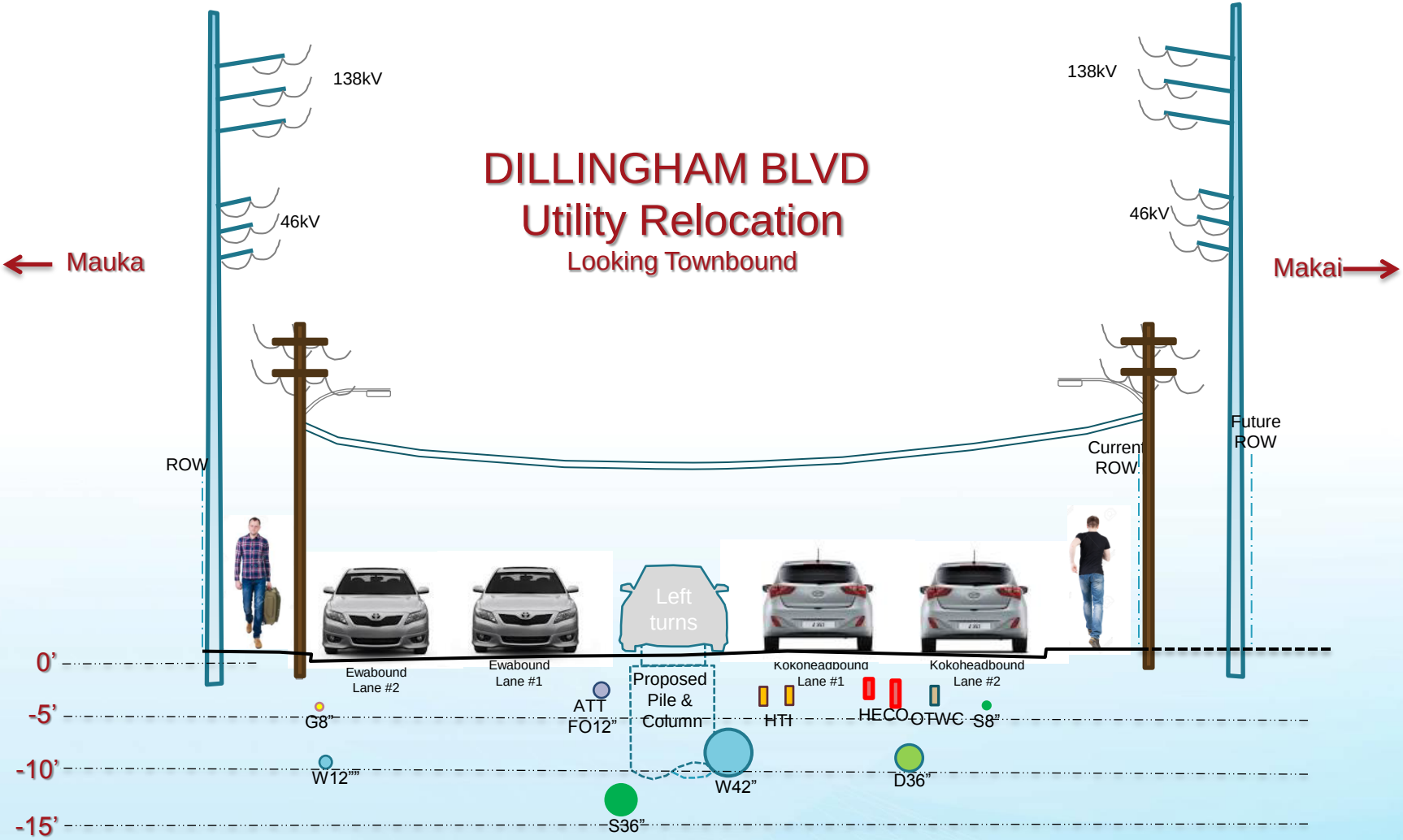


DILLINGHAM BLVD
Utility Relocation
Typical Existing Configuration



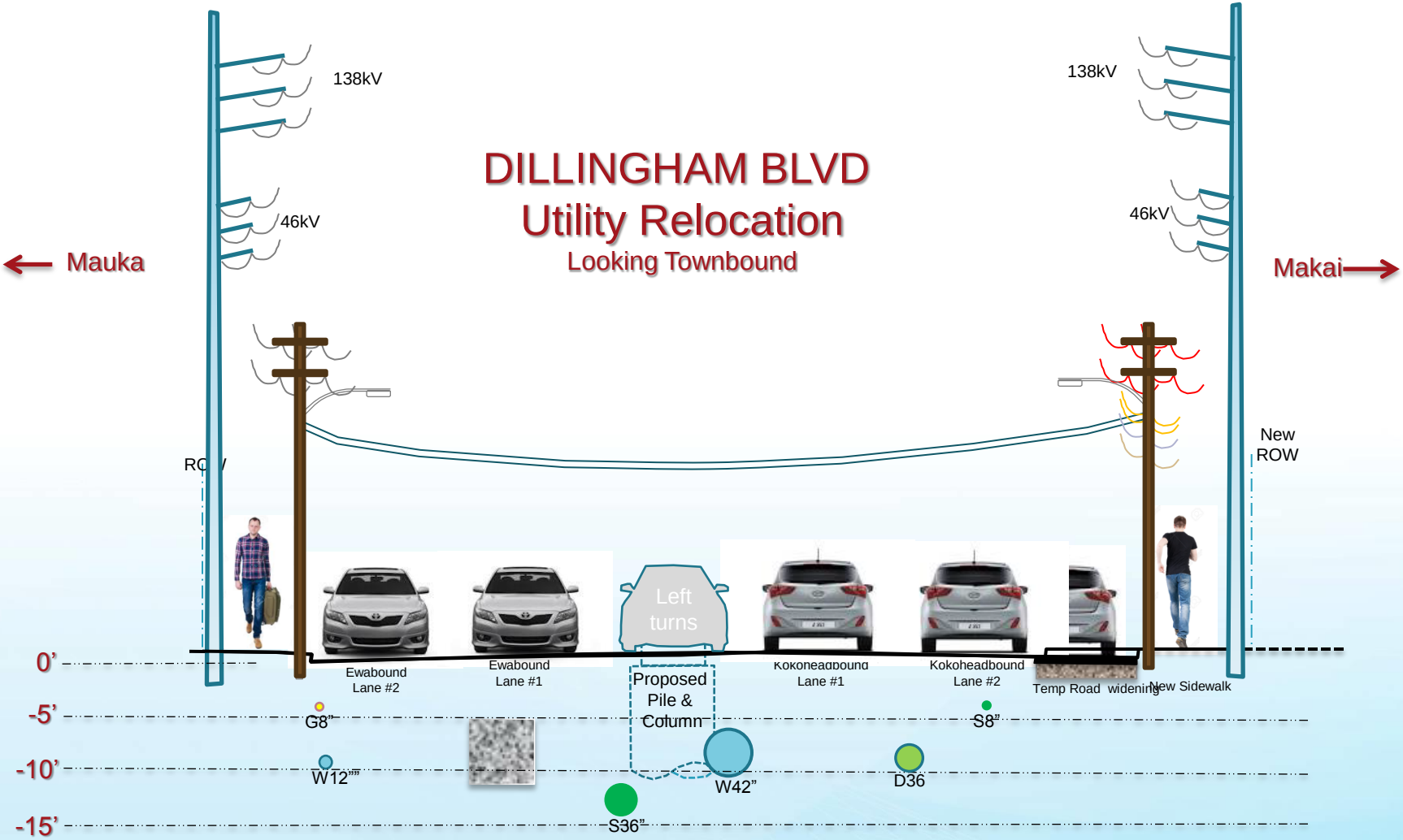
Electrical
Fiber Optic
Drain
Sewer
AT&T
Gas Line
Water
Hawaiian TelCo

DILLINGHAM BLVD
Utility Relocation
Looking Townbound



D	Drain	**W**	Water	**S**	Sewer	**G**	Gas Line
ATT	AT&T	**FO**	Fiber Optic	**HECO**	Electrical	**TP**	Traction Power & Communication
OTWC	Cable TV	**HTI**	Hawaiian Tel Co				

DILLINGHAM BLVD
Utility Relocation
Looking Townbound



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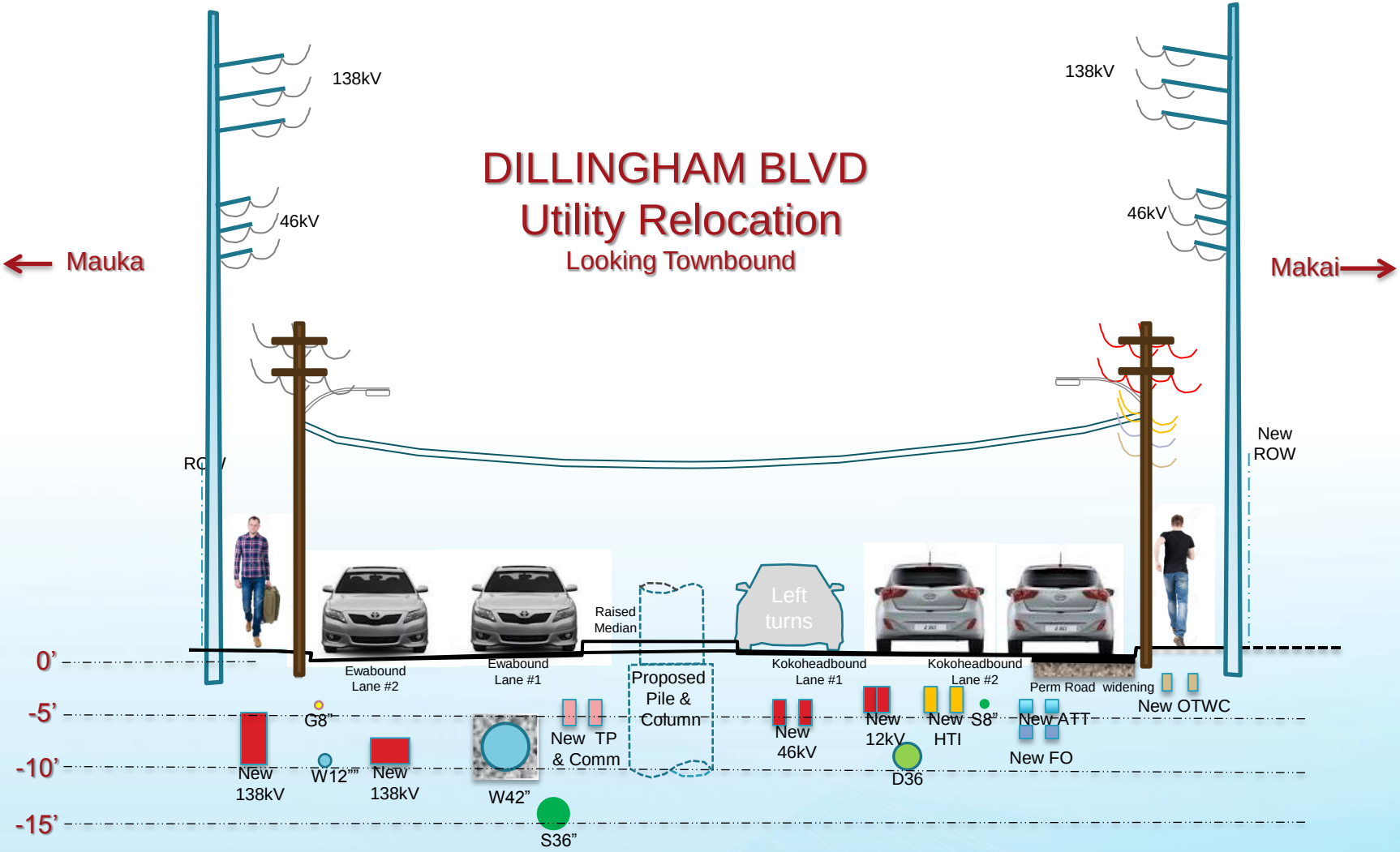
DILLINGHAM BLVD
Utility Relocation
Looking Townbound



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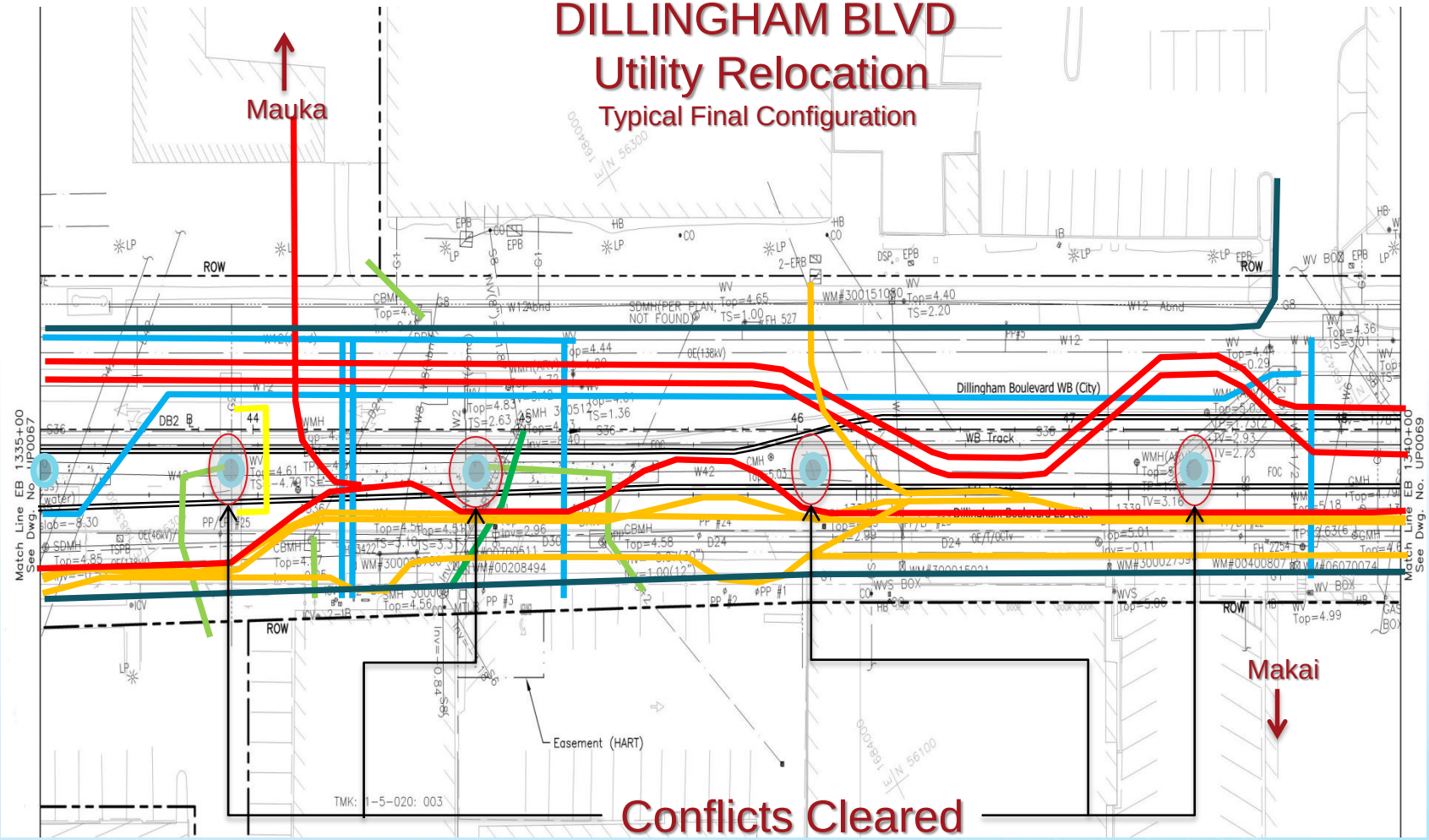
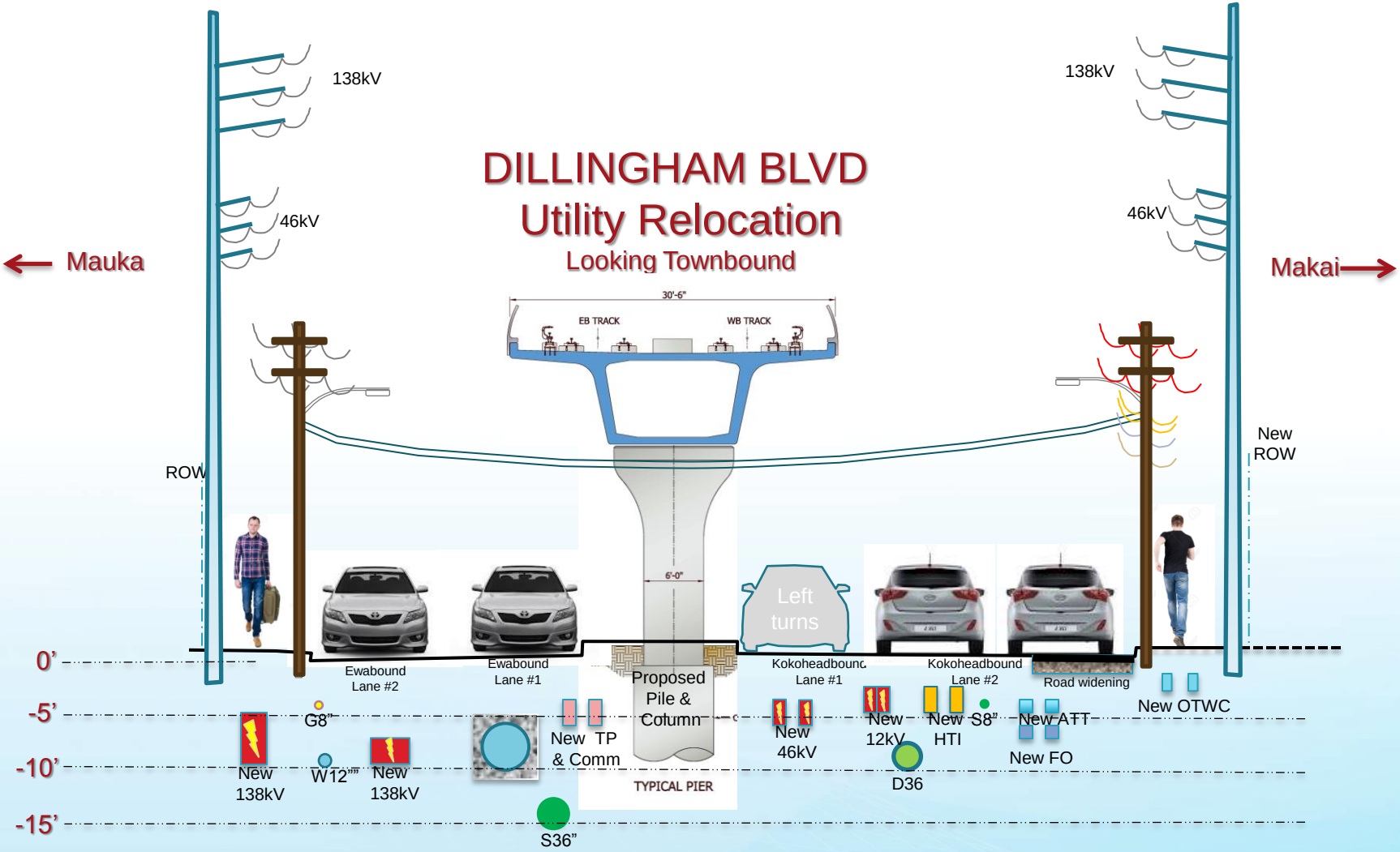
DILLINGHAM BLVD
Utility Relocation
Typical Final Configuration



DILLINGHAM BLVD
Utility Relocation
Looking Townbound



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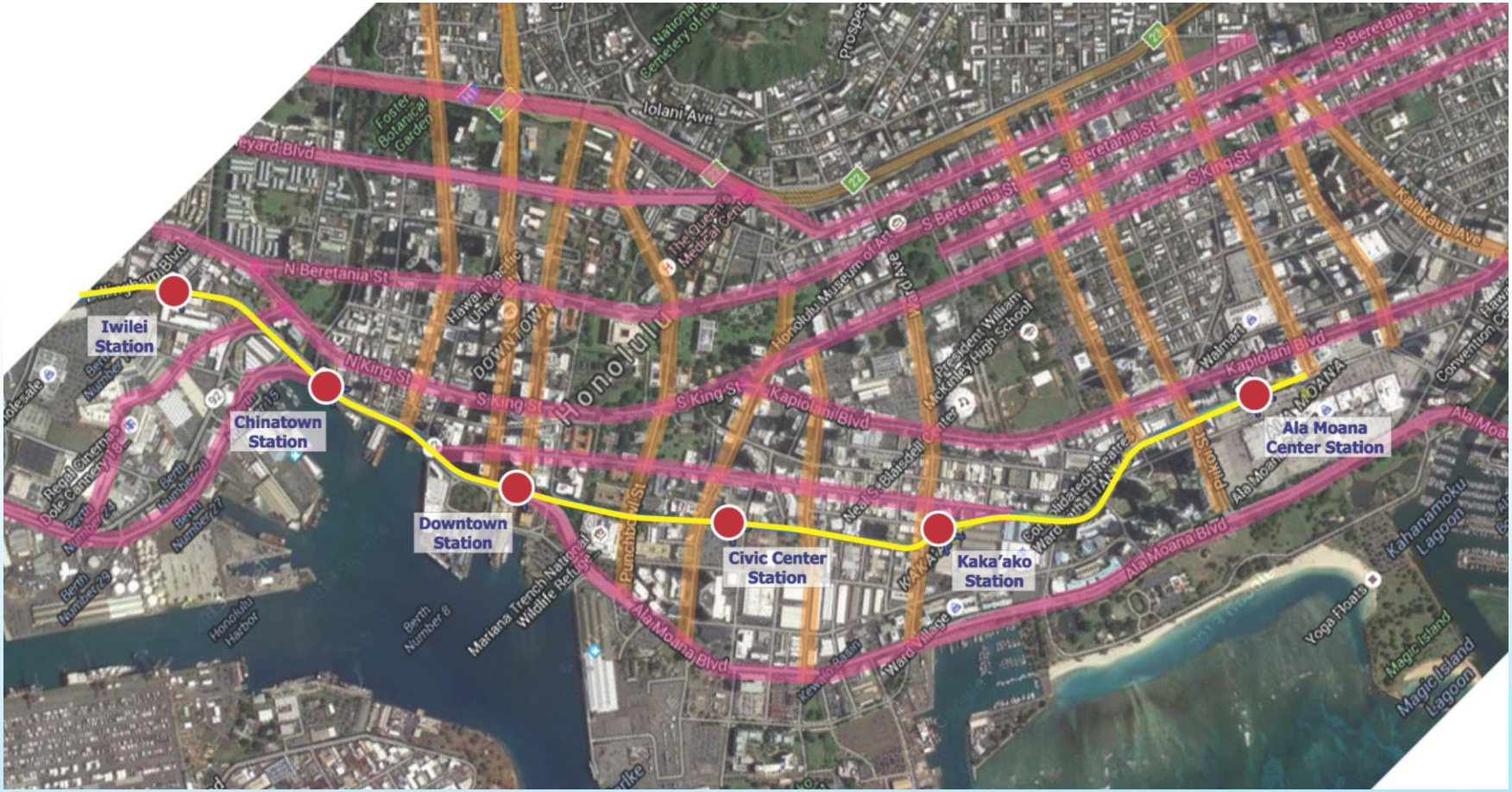
Dillingham / Downtown Corridor

Stations
Alignment

LEGEND:
Alternate **East-West** Routes
Alternate **North-South** Routes

Downtown / Kaka'ako Corridor



Stations
Alignment

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Alternate **East-West** Routes
Alternate **North-South** Routes

Mahalo!

HONOLULU RAIL TRANSIT