# SOLAR TRANSPORTATION HUB WESTPORT TRAIN STATION GORDON JOSELOFF FIRST SELECTMAN OF WESTPORT TONI BOUCHER CONNECTICUT STATE SENATOR -- DISTRICT 26 LEO DIRIND

# **Existing Conditions**









## Rendering of Station Interior







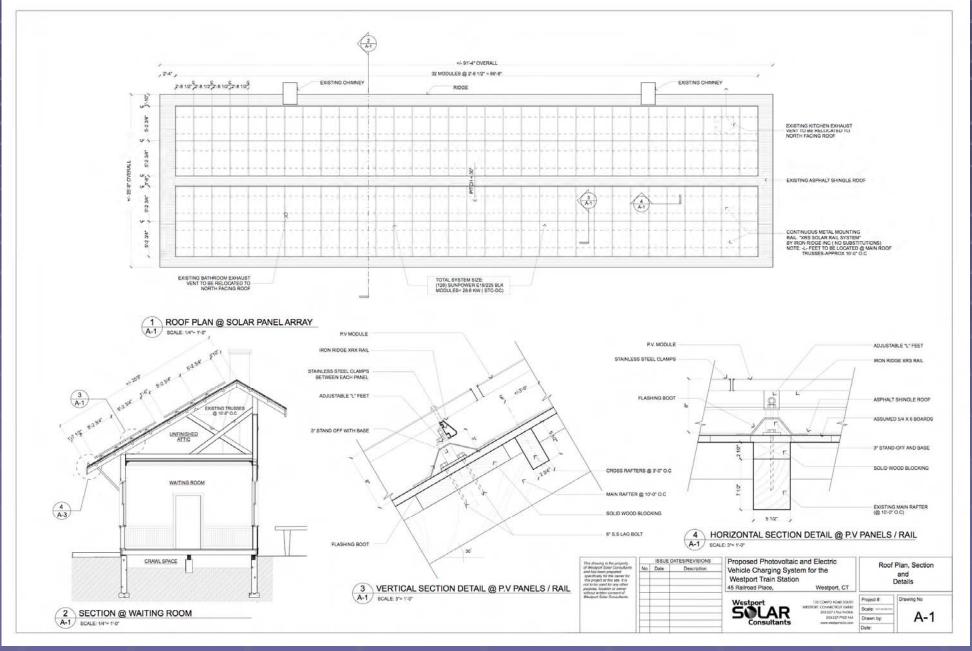
## Proposed 28.8 kW PV System





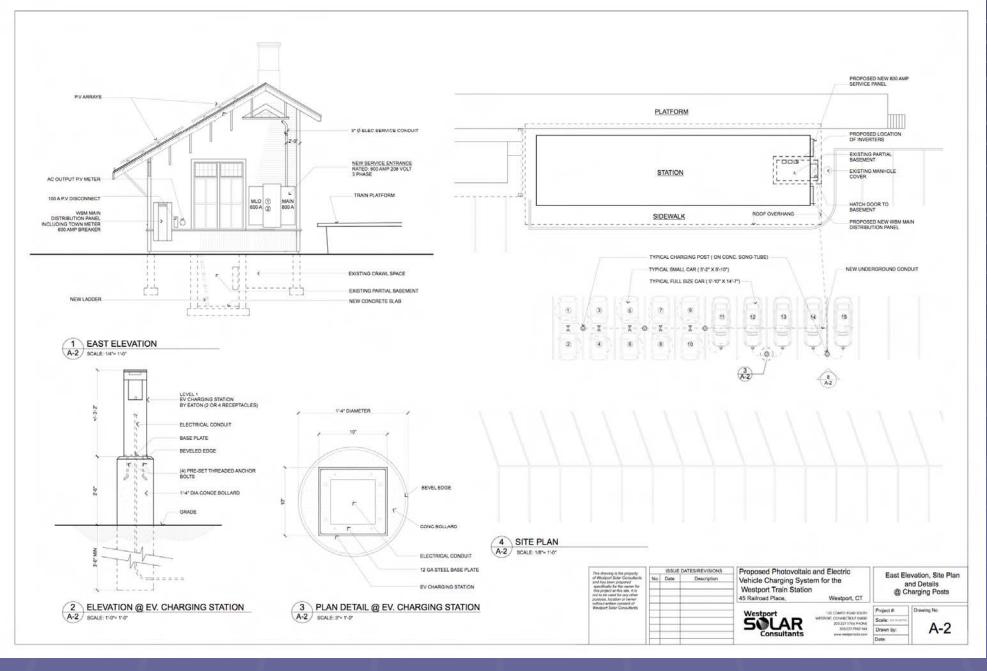
#### Proposed Roof Plan

(funded thru grant from CEFIA)



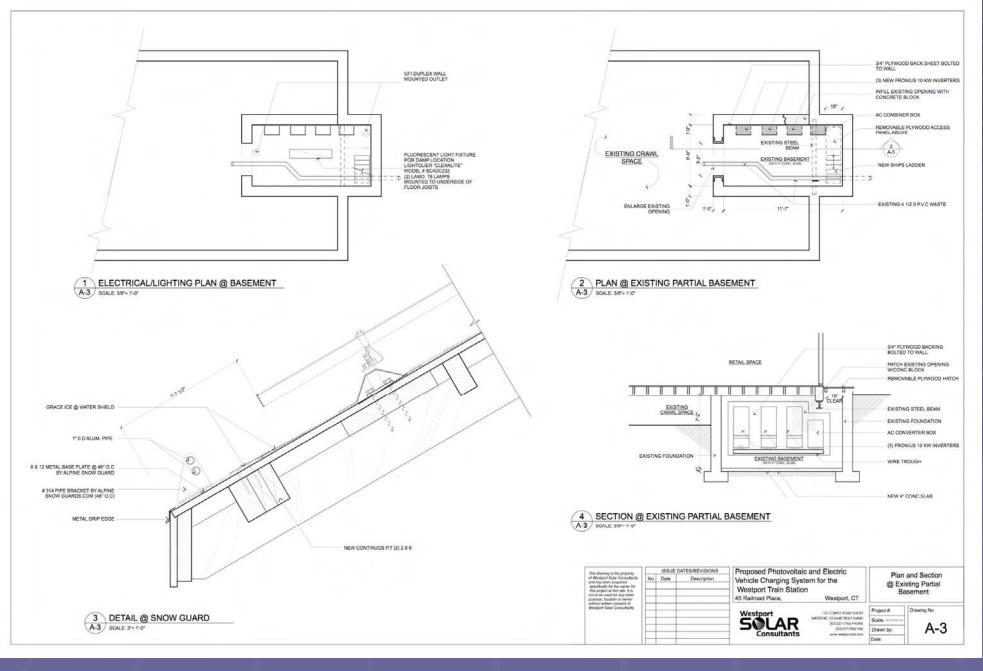
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## Project Financing

- 3rd party ownership no cost to Town or ConnDOT
- Project Developer can use combination of ZREC, PPA and CEFIA funding
- Increase in parking revenue

## New ZREC Program for 2012

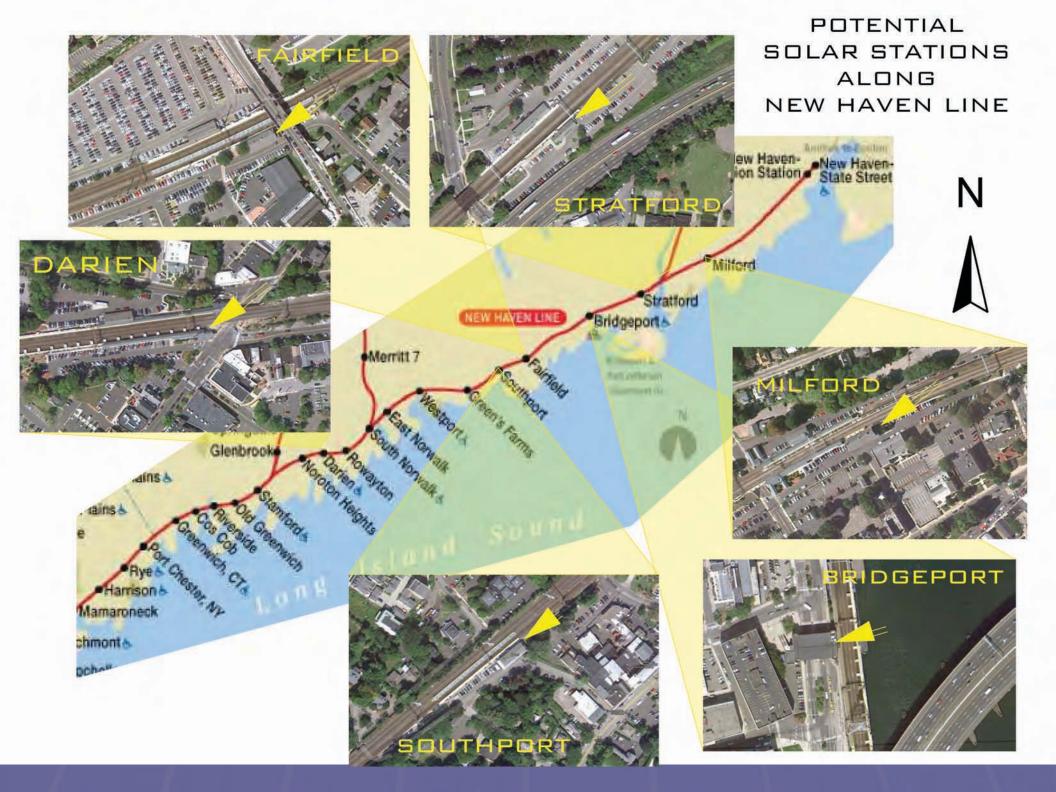
Zero-emissions renewable energy credits

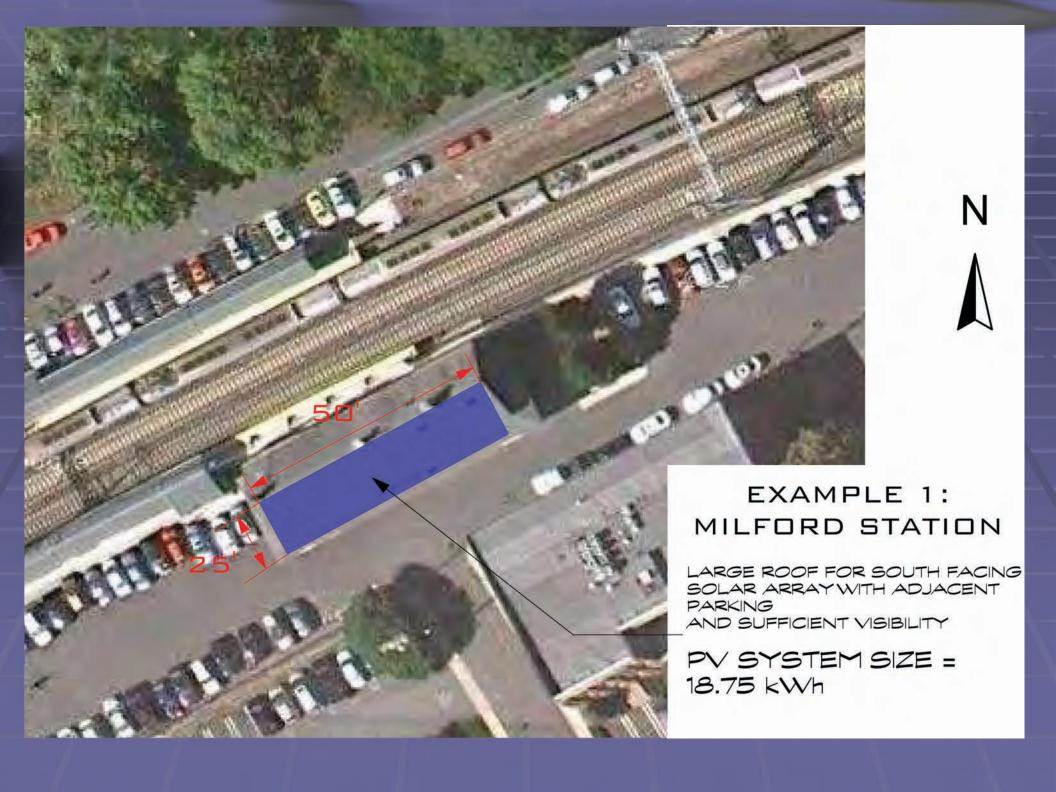
- New "performance based incentive"
- Included in new energy billed signed into law on July 1, 2011
- Utilities are required to purchase credits under
   15 year contracts
- ZREC will sell for a max of \$350 / MWH
- Investment by utilities = \$8 million / year
- Project Owners will bid and compete for ZRECs
- 30% Federal Investment Tax Credit thru 2016

#### Project Benefits

- Encourage the sale of Electric Vehicles
- Reduce load on Grid by "peak-shaving"
- Reduce carbon footprint of new EVs
- Encourage the use of mass transportation
- Create new jobs in Connecticut
- Increase parking spaces by "doubling-up"
- No cost to towns thru 3rd party ownership
- Encourage the use of solar for EV charging









### PV Parking Lot Shade Structures









## EV Charging











## Next Steps

- Support from DEEP
- ConnDOT approval
- Grant funding to perform feasibility study for multiple sites

### Project Partners

- DEEP
- ConnDOT
- Town of Westport
- CEFIA
- CL&P
- Steve Smith, Building Inspector, Town of Westport
- Westport Solar Consultants, LLC
- Leo Cirino
- Rick Hoag Architect

## Our Team



