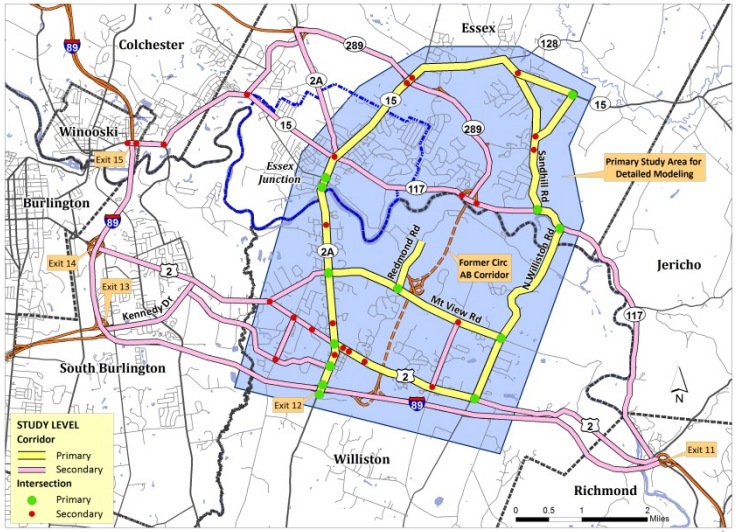
25 YEARS
SINCE 1986
RSG INC.
RESOURCE SYSTEMS GROUP, INC.

Williston-Essex Network Transportation Study (WENTS)



Circ Alternatives Task Force

Presentation of 2035 Results & WENTS Steering Committee Recommendations

CHITTENDEN COUNTY RPC

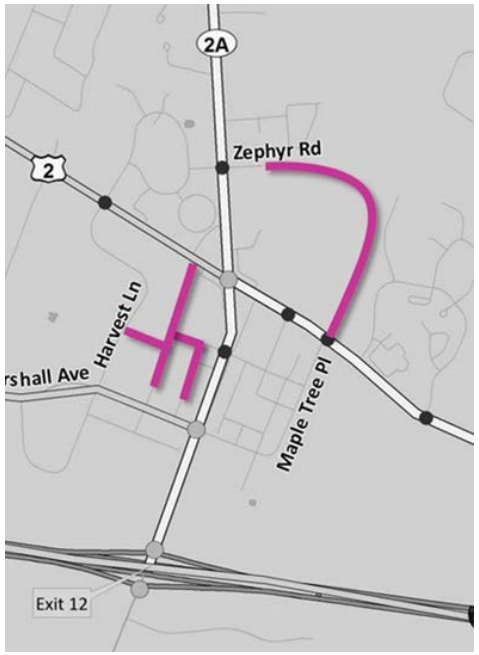
January 31, 2013

Presentation Overview

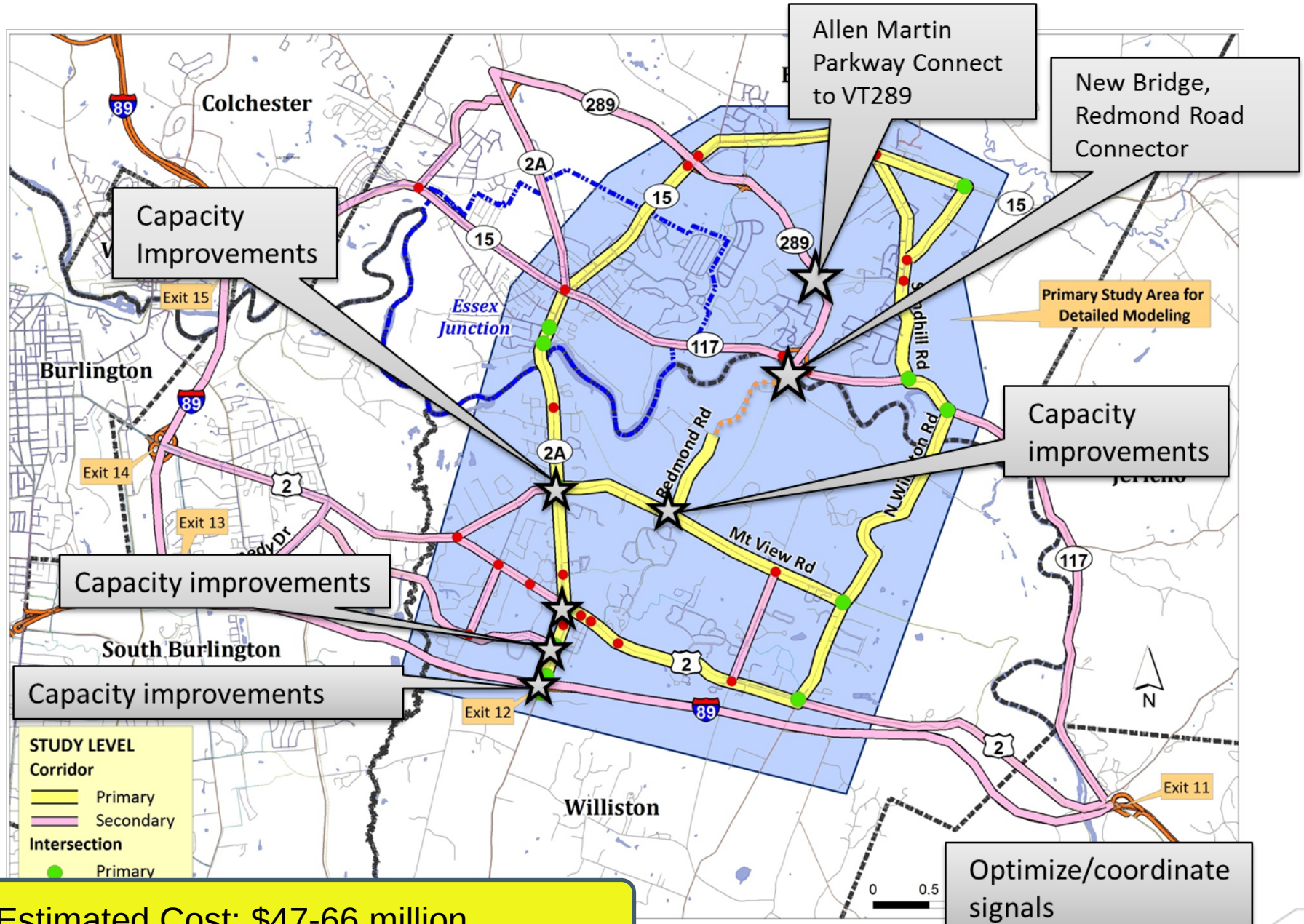
- **Review of Final Strategy Packages for the WENTS area Evaluated for 2035 Future Year**
  - Core Improvements and Two Hybrid Strategy Packages
- **Strategy Package Performance (2035)**
  - Network-Wide
  - Corridor Travel Times
  - Environmental (Resource Impacts), Transportation, Costs
- **WENTS Steering Committee Recommendations**
  - Preferred Strategy Package
  - Congestion Policy
  - Recommended Scoping Studies for CIRC Alternatives Task Force's Consideration

Core Improvements (included in all scenarios)

- Williston Grid Streets
- Essex Town Center Connections
- CIRC Alt Phase 1 Implementation Projects *in WENTS Area*:
  - Crescent Connector in Essex Junction
  - VT2A/James Brown Drive Improvements
  - Travel Demand Management Initiatives & Adaptive Signal Control
- CIRC Alt Phase 2 Implementation Projects *in WENTS Area*
  - VT15/Sand Hill Road Improvements
  - VT15 Improvements, Post Office Square to 5 Corners
  - VT15 Multiuse Path
  - US 2/Trader Lane Intersection Capacity Improvements
  - Travel Demand Management Initiatives & Adaptive Signal Control
- Address discontinuities and deficiencies to sidewalks, multiuse paths, shoulders
- Transit Service
  - Add weekday mid-day trip on the Williston Route
  - Weekday peak hour Jeffersonville to Burlington commuter route

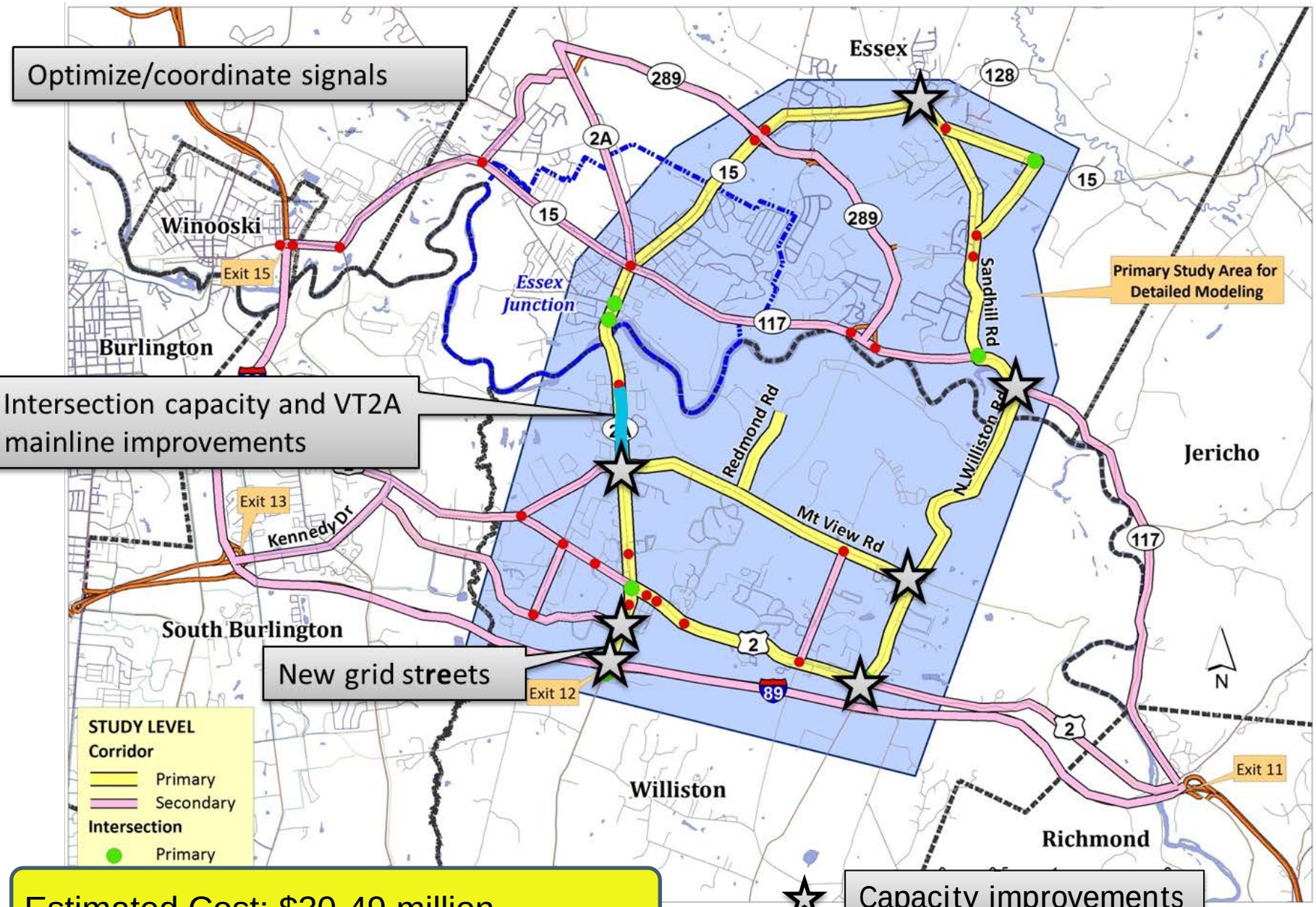


HSP1 – New Bridge and Related Improvements



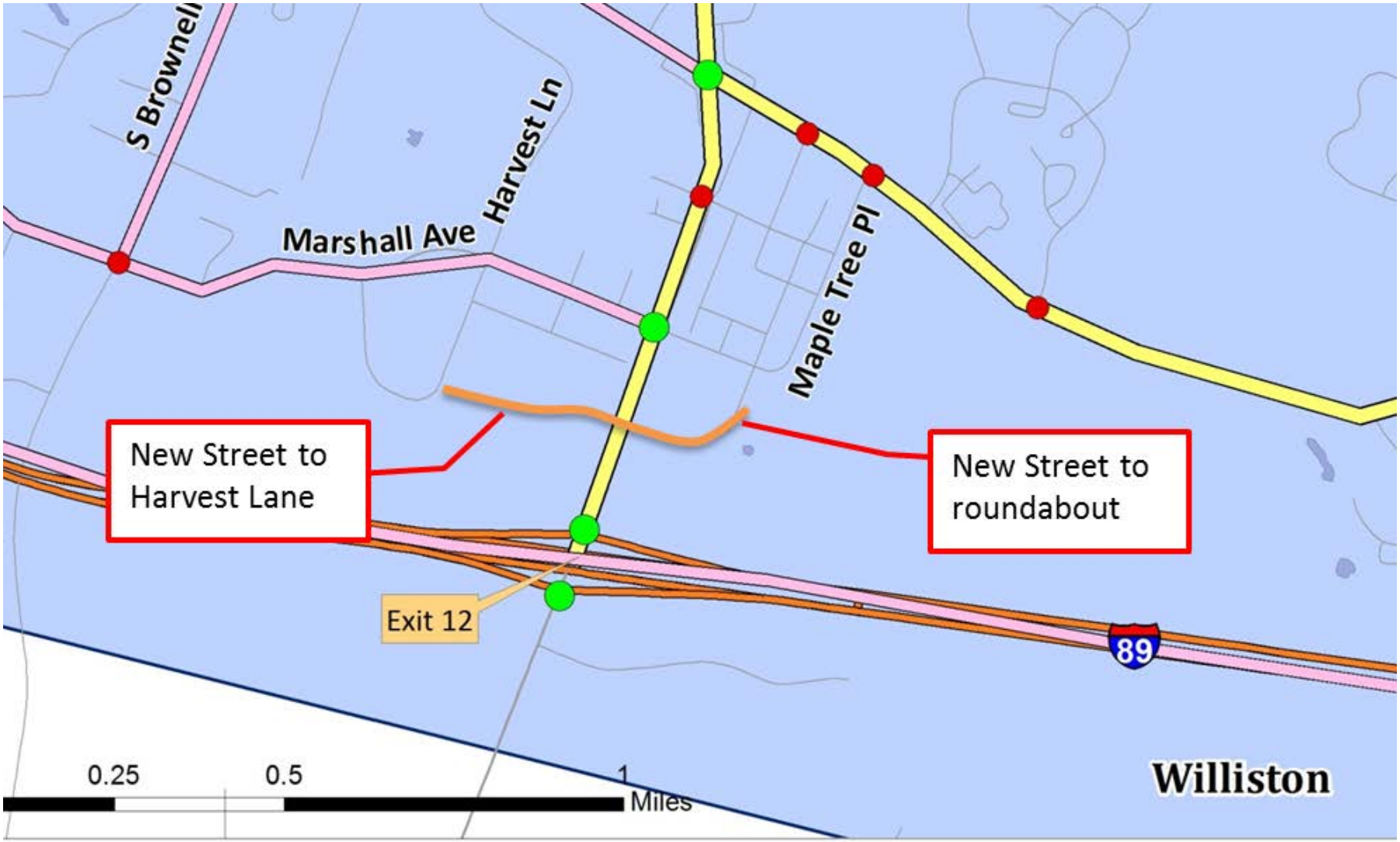
Estimated Cost: $47-66 million.

HSP2- Reconfigured Exit 12 and Related Improvements

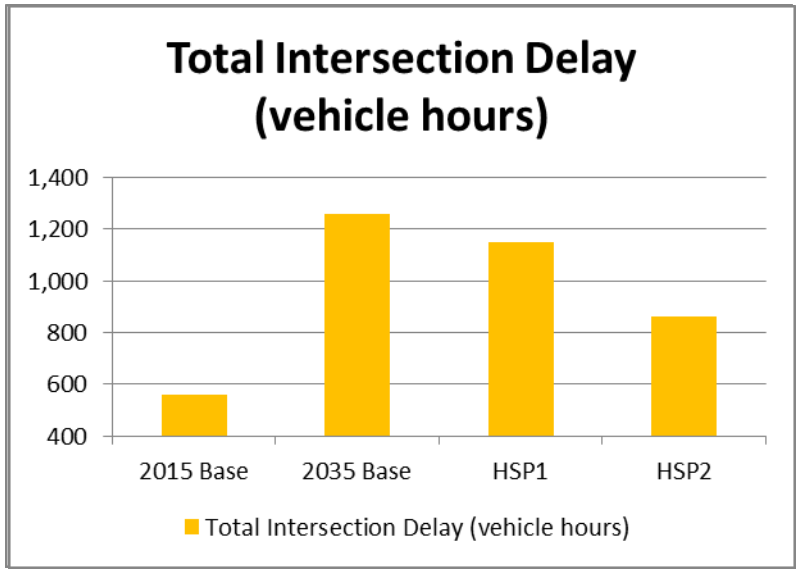


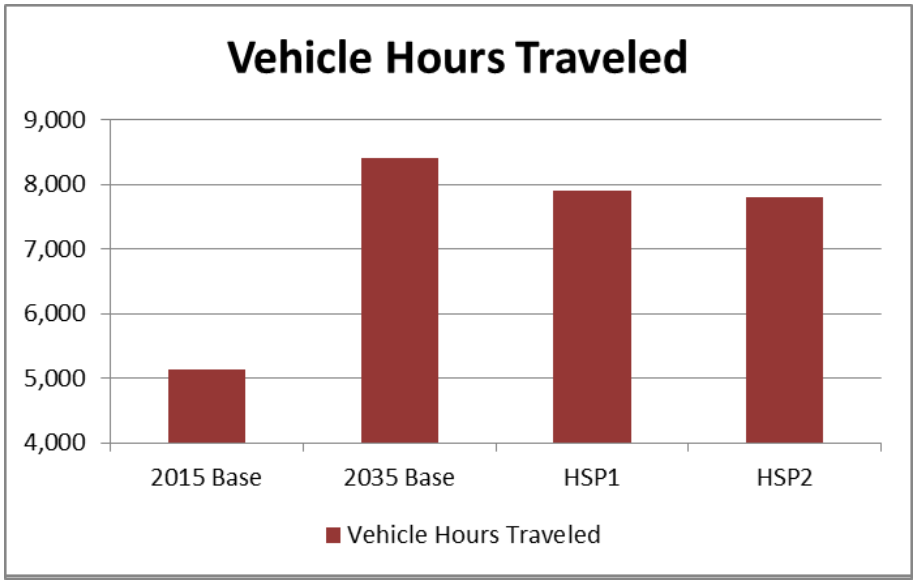
Estimated Cost: $30-49 million.

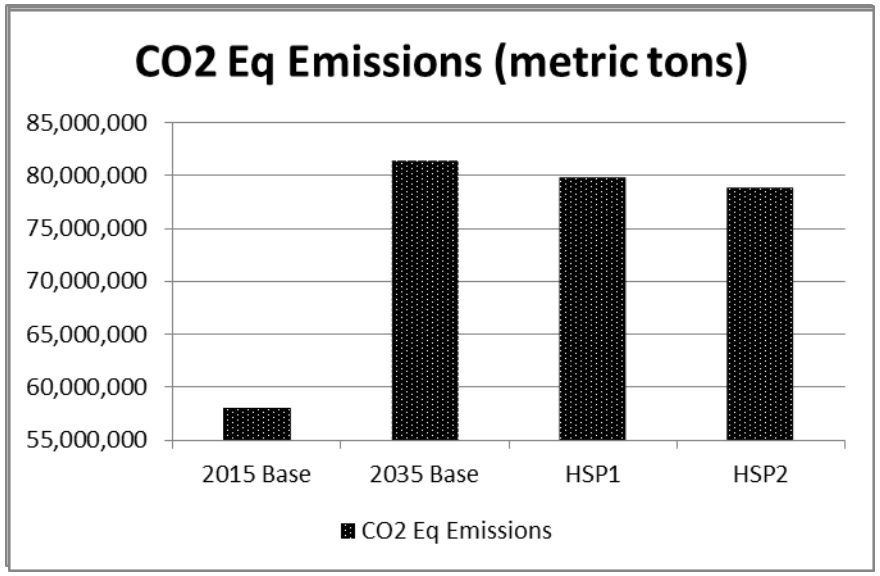
New Streets in HSP2 (combined with Exit 12 reconfiguration)



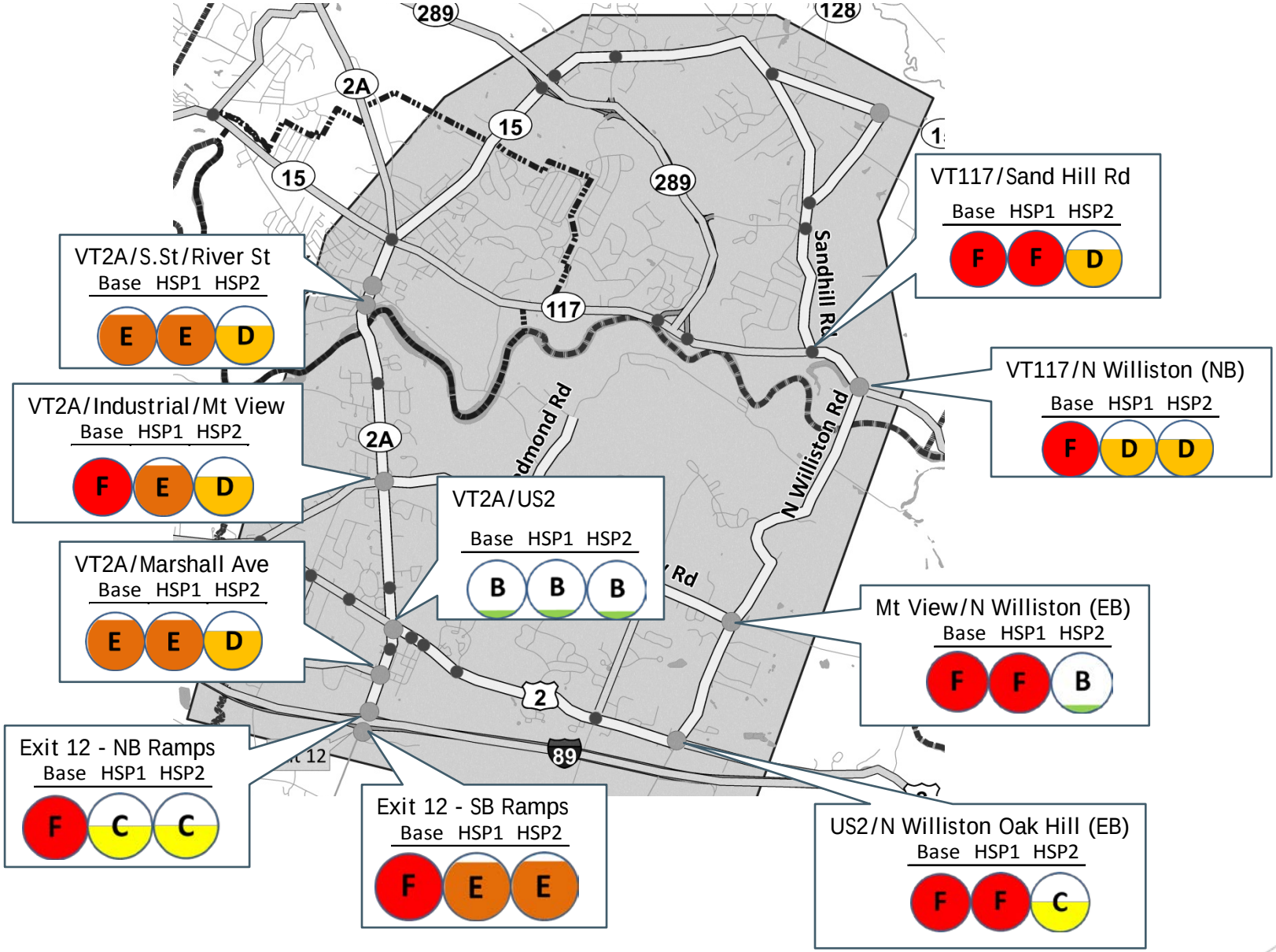
Network-Wide Performance Measures



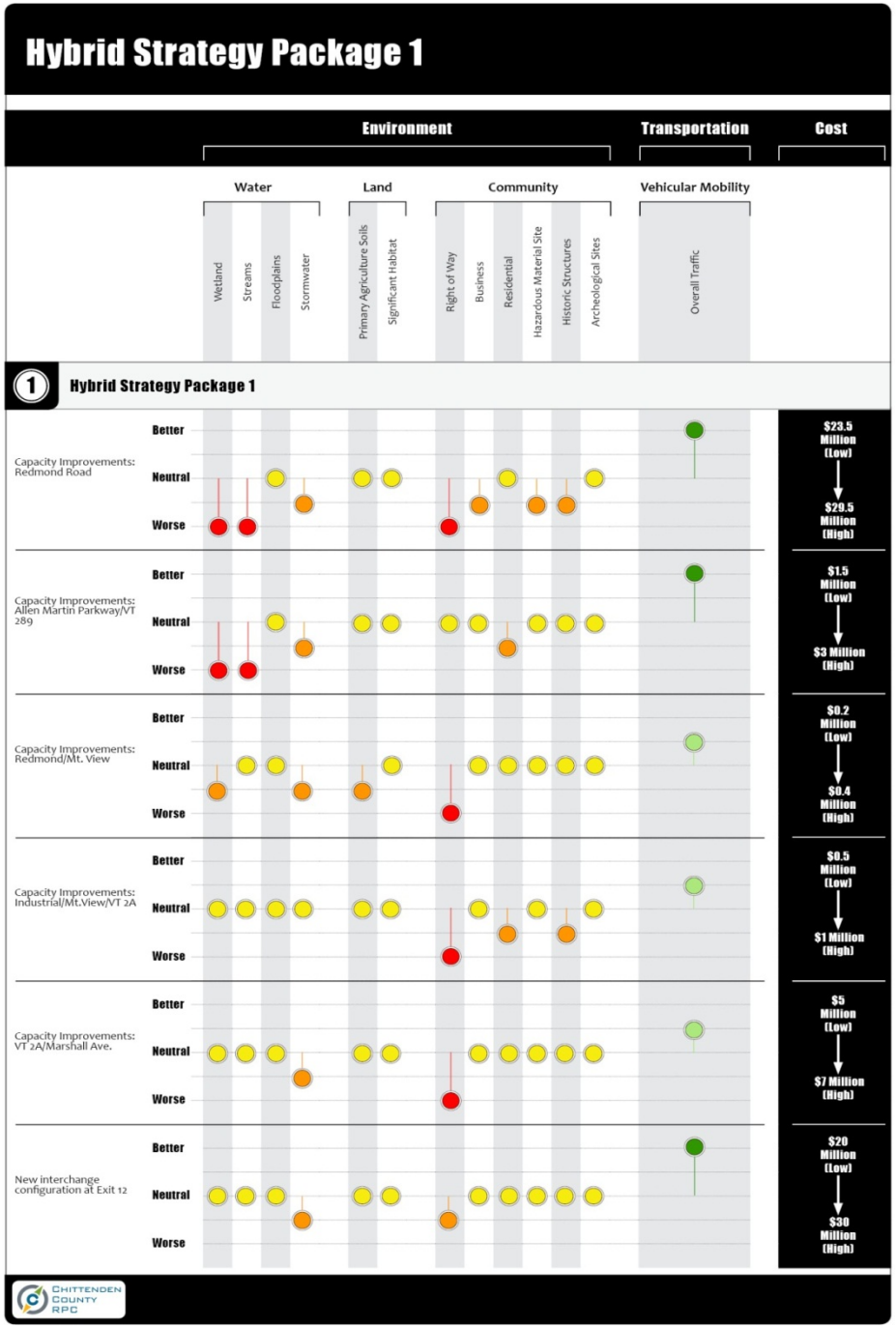




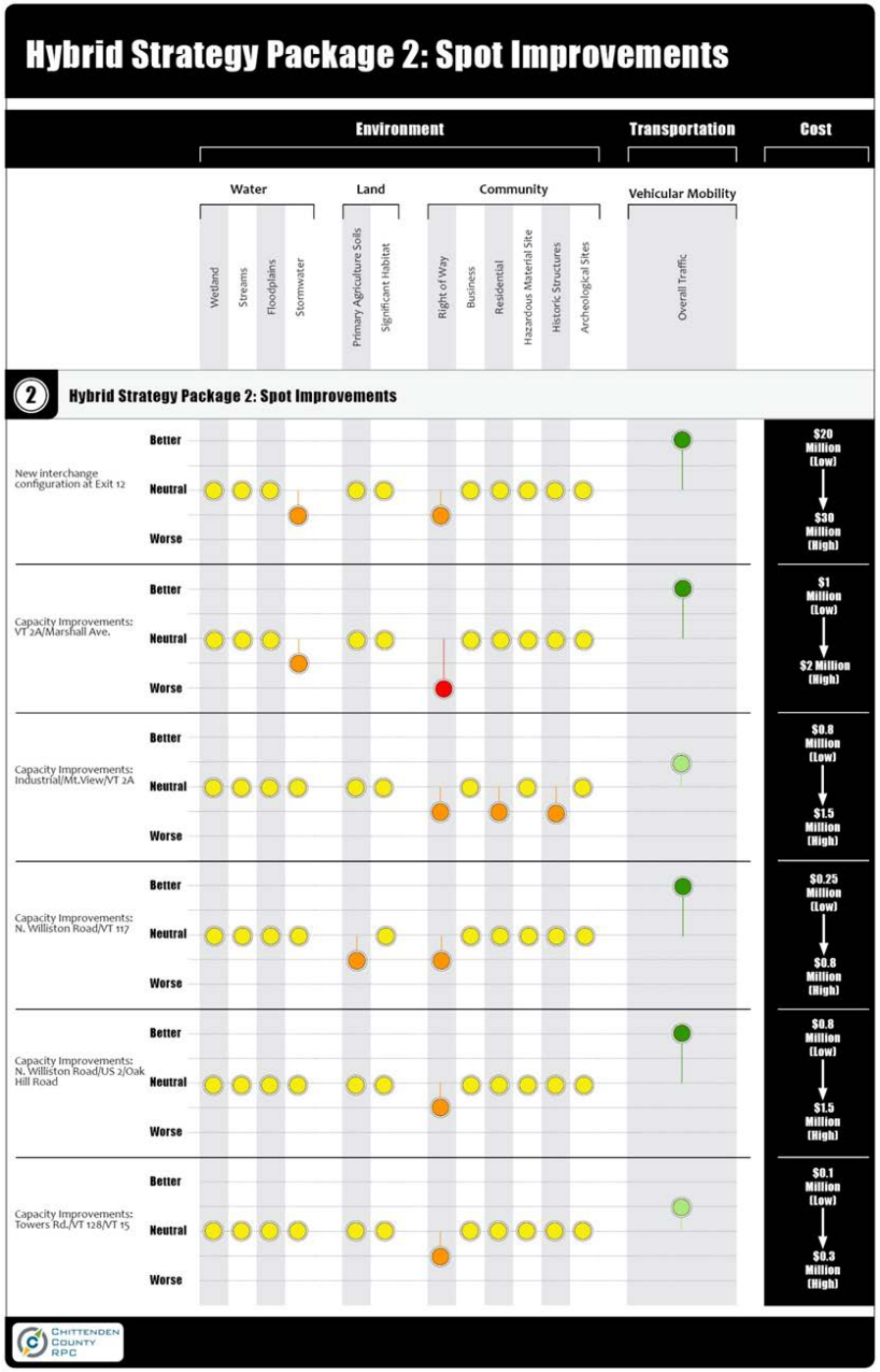
2035 PM Peak Traffic Performance in the Study Area



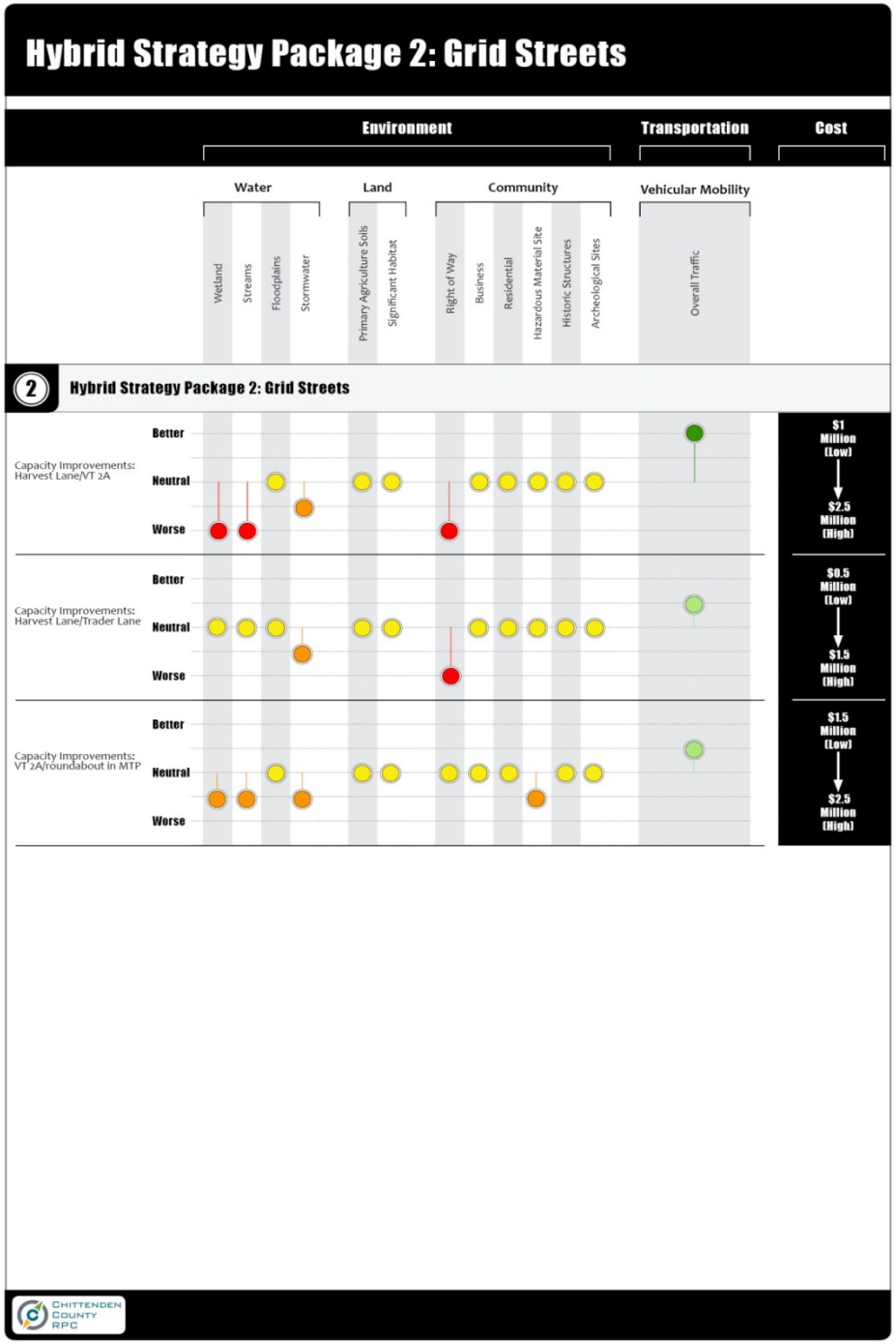
Summary Results for HSP1: Environmental-Transportation-Costs



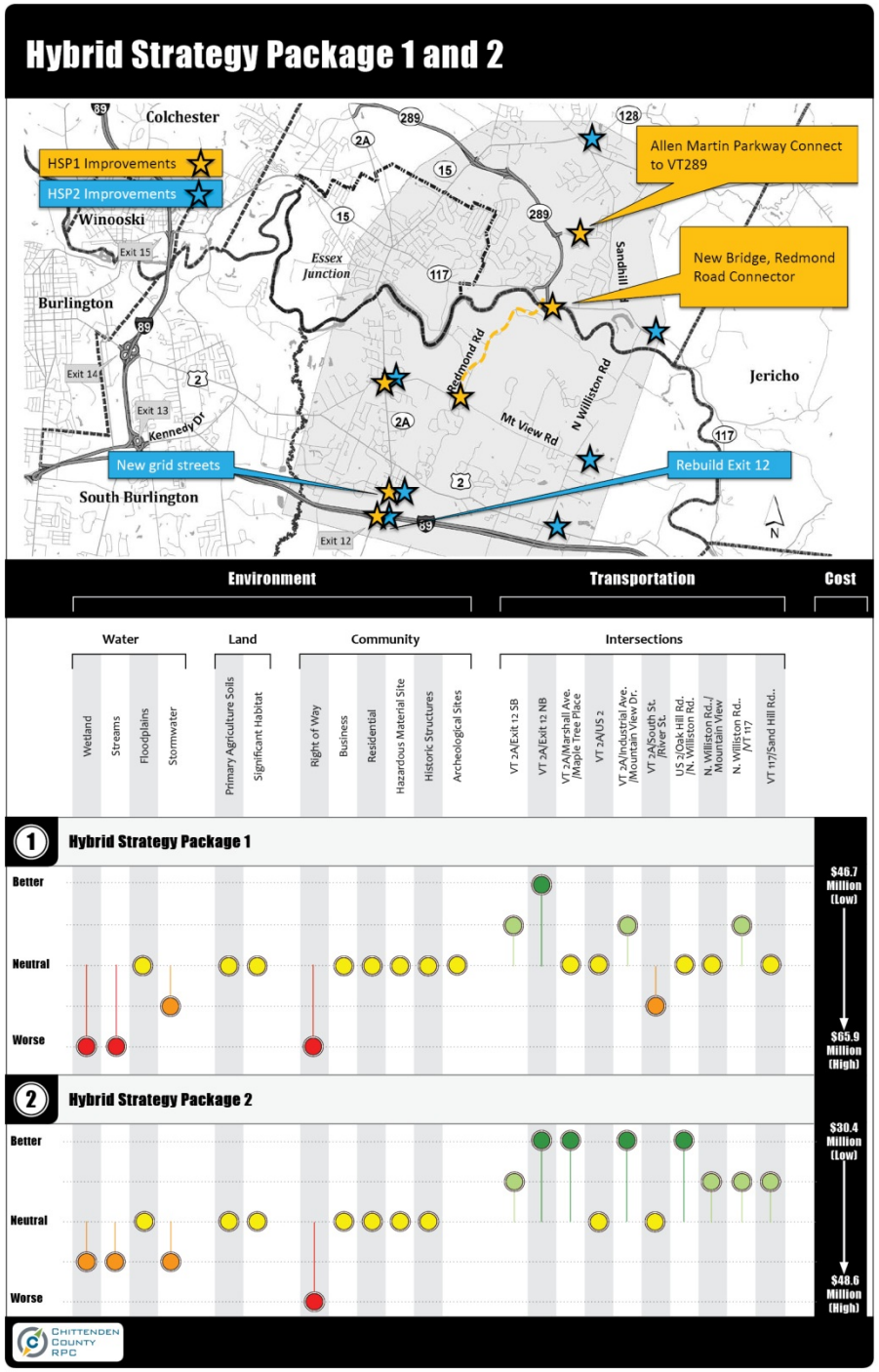
Summary Results for HSP2a: Environmental-Transportation-Costs



Summary Results for HSP2b: Environmental-Transportation-Costs



HSP1 and HSP2 Results: Environmental-Transportation-Costs



Review of Cost Estimates

- WENTS Core Improvements: $17 million
- Hybrid Strategy Package 1: $47 to 66 million
- Hybrid Strategy Package 2: $30 to 49 million

WENTS Steering Committee Recommendations

- **The WENTS Steering Committee endorsed HSP2 as the preferred strategy package for the study area**
  - ***Committee members from the Town of Williston did not take any position on the HSPs***
- **Adoption of a *New Statewide Congestion Policy* that redefines the allowable congestion and mitigation measures for *Areas Targeted for Growth* as identified in the Regional Plan**

WENTS Steering Committee Scoping Recommendations

Scoping Studies recommended for the CIRC Alternatives Task Force's consideration:

- Exit 12/Grid Streets (HSP2) – ***February 2013***
- VT2A/Mountain View/Industrial Ave & VT2A mainline north to James Brown Drive (HSP2) - ***February 2013***
- VT 117/North Williston Road Intersection & Flooding Issues (HSP2) - ***February 2013***
- US 2 - Taft Corners to Williston Village Multimodal Improvements (Core) – ***February 2013***

WENTS Steering Committee Scoping Recommendations

Bike & Pedestrian Scoping Studies recommended for the CIRC Alternatives Task Force's consideration:

- **Industrial Avenue to Blair Park (inclusive of crossing over Allen Brook) – *FY 14***
- **VT 15 – Old Stage Road to Essex Way – *FY 14***
- **Mountain View Road from Old Stage Road to VT 2A – *FY 14***

WENTS Next Steps

- Public Meeting #2 (February 5, 2013)
- Development of Network Implementation Plan (Feb 2013)
  - Additional Investigations
    - Permit Requirements
    - Refinement of Cost Estimates and Timeline
    - Definition of Scoping Study Elements
- Draft Final Report & Final Report (Feb/March 2013)

Thank you

Questions and Comments