

TILLAMOOK COUNTY
ROAD COUNTY ADVISORY COMMITTEE MEETING (CRAC)
Monday, May 1, 2017
Board of Commissioners Conf. Rm B
201 Laurel Street, Tillamook, OR 97141
3:00 PM TO 5:00 PM

1. Call Meeting to Order
2. Review and Approve March 2017 Meeting minutes
3. FY 2018 Budget update
4. Paving list
5. Pilot Project with ODOT Seismic Priorities with Life Safety Routes/Re-Assess Life Safety Routes Presentation
6. Near Space Partnership – Ron Newton
7. Road Report:
 - Maintenance:
 1. Curl Bridge Repair
 2. Pot holes
 3. Grading: Old Latimer/Olsen/Fawcett Creek
 4. Drainage: Skyline
 5. Hot Patching
 - Special Projects/Project Management:
 1. FEMA/FHWA storm: FEMA: Harbor View Drive, Sollie Smith Road, East Creek Road, Old Wheeler Moher Road, Hadley Road, Island/Harbor Culverts, Kilchis River Road; FHWA; Miami River Road – 2 projects, Bayocean Road and Wilson River Loop N-S
 2. Cape Kiwanda Beach Access
 - Engineering:
 1. Resort Drive II
 2. Alternate Access @ Neskowin
 3. Lommen Bridge
 4. Whalen Island Bridge
 5. South Fork Trask Bridge
 6. Cedar Creek Bridge
 7. Holgate Bridge
8. Public Comments
9. Next Meeting

TILLAMOOK COUNTY ROAD ADVISORY COMMITTEE

Date: March 6, 2017

MEMBERS PRESENT: Curt Schonbrod, Gary Hercher, Jerry Dove, Paul Daniels and Gary Hanenkrat

STAFF: Liane Welch and Jeanette Steinbach

PUBLIC: Larry Rouse, Joanne Jene and Nancy Rochette

Item 1. Call Meeting to Order: Meeting called to order at 3:00 pm.

Item 2. Minutes Approval: A motion was made by Paul Daniels to approve the amended January 2017. The motion was seconded by Jerry Dove. The motion was carried unanimously.

Item 3. Review of FY 2018 Budget: Liane presented the FY 2017/2018 budget.

- Liane explained that this is the fifth year of the first of two 5-year General Obligation Bonds. 85% of the funds per arbitrage have to be used in the first 3 years leaving 15% for the last two years. FY 2018/2019 will start the second GO Bond. The budget was developed with estimated match payments required for the FEMA, FHWA and partnership projects. FEMA pays 75% of the cost of the project; FHWA pays 89.73%.
- FEMA Projects:
 1. Harborview Drive: This is a fish passage culvert project.
 2. Sollie Smith Road: The project will use of the existing temporary bridge slabs.
 3. Island/Harbor Street: TCPW to do the work, OBEC is doing the engineering.
 4. Hadley Road: This is a bio-engineering solution.
 5. Old Mohler Wheeler Road: Determination after engineering if construction should occur. Liane will bring it to the CRAC for recommendation. TCPW will do the work. The question to ask FEMA is will they only pay for Engineering?
 6. East Creek Road: Embankment failure
- FHWA Projects:
 1. Miami Foley Road: FHWA. Failed culvert to be replaced with a single span bridge. This is a life line route.
 2. Bayocean Road: Culvert replacement project. Will be replaced with an open bottom box culvert.
 3. Wilson River Loop Road N-S: Traffic was flagged due to high water. Hwy 101 was closed. FHWA agreed to a hydrologic study to raise the road. Concern expressed about causing additional flooding. Liane to work with the property owners.
- Match Projects:
 1. Cedar Creek Bridge/Holgate Bridge/Trask River Bridge: These are HBP funded projects. The match for the Trask River Road will be funded by the Trask Safety Fund. Members suggested asking ODF about renewing the fund agreement for Foss Road.
 2. Brickyard culverts: This is a watershed council project.
 3. Salmon Super Highway: Jewell Creek and Blankenship culverts are failing.
 4. Cape Meares Loop Road: Need \$1M for grant match of \$12.5M. FY 2017/2018 \$100,000 is being put towards that match.

5. Kilchis House: Grant written to prevent flooding of the Kilchis House. Match \$35,000. Partners: Tillamook City, College, Kilchis House and TCPW.
 6. Mapes Creek: Culvert replacement. \$15,000 additional match.
 7. Lommen Bridge: Drainage ditch project \$27,000.
 8. Whalen Island Bridge: Construction summer 2017, match 10.27%
 9. Bear Creek (East Beaver Creek): Culvert failing. Partnering with watershed council
- Other Budget Impacts:
 - Solid Waste: Revenue reduced to \$15,000. BOCC supported SW being on its own department 4 months ago. Liane will check again with BOCC.
 - Staff: Plan on hiring 2 FTE with TLT funds. Expect some employees to retire. Working on a succession plan.
 - Wilson River Loop E-W: ODOT allocated \$20,000 to the County for paving due to the Hwy 101/6 construction impact.
 - Enviroad projects: Low volume, bad roads. This is an oil mat process. Candidates are Munson Creek, Yellow Fir, Tone Road, Fawcett and Chance Road.
 - County with the City, and TPUD is working on a partnership with Near Space partnership. Ron Newton to present project at May meeting.
 - Bike path fund: \$15,000 for 3rd Street sidewalk improvement, partnership with City.

Paul Daniels asked if the steel is coated on the bridges. Liane responded, yes, and on Beachy Bridge the steel needs to be cleaned and then repaired.

Item 4. Membership update: Darcy Jones has resigned due to work commitments. BOCC to start advertising for a south county representative.

Item 5 Pilot Project with ODOT Seismic Priorities with Life Safety Routes/Re-Assess Life Safety Routes Presentation: Item postponed until May meeting.

Item 6. Road Report: Most Items covered under budget.

Cape Meares Loop Road: Liane has met with Stimson and Green Crow. Bob Garrigues mentioned that he working with the State Water Dept. to move the water line

Liane noted that the Oceanside streets on paving list last year will be paved first.

Item 7: Public Comments: Curt on behalf of Brian Lind, Neskowin community member handed out a 2-page document. Mr. Lind requested that the S-Curve along Hawk located northward of the intersection of Hawk and Corvallis be put on the County's list for repaving. Liane mentioned that the County is investing a lot in Neskowin. Paul Daniels motioned to keep it on the list. The motion was seconded by Gary Hanenkraft. The motion was carried unanimously.

Members congratulated Paul Daniels for receiving the Developer of the Year award.

Item 8. Next Meeting: The meeting adjourned at 5:00 p.m. Next meeting May 1, 2017.



ODOT/Tillamook County Seismic Pilot Project

May 1, 2017
Tillamook County
Public Works

Liane Welch, P.E.

Director

503.842.3419

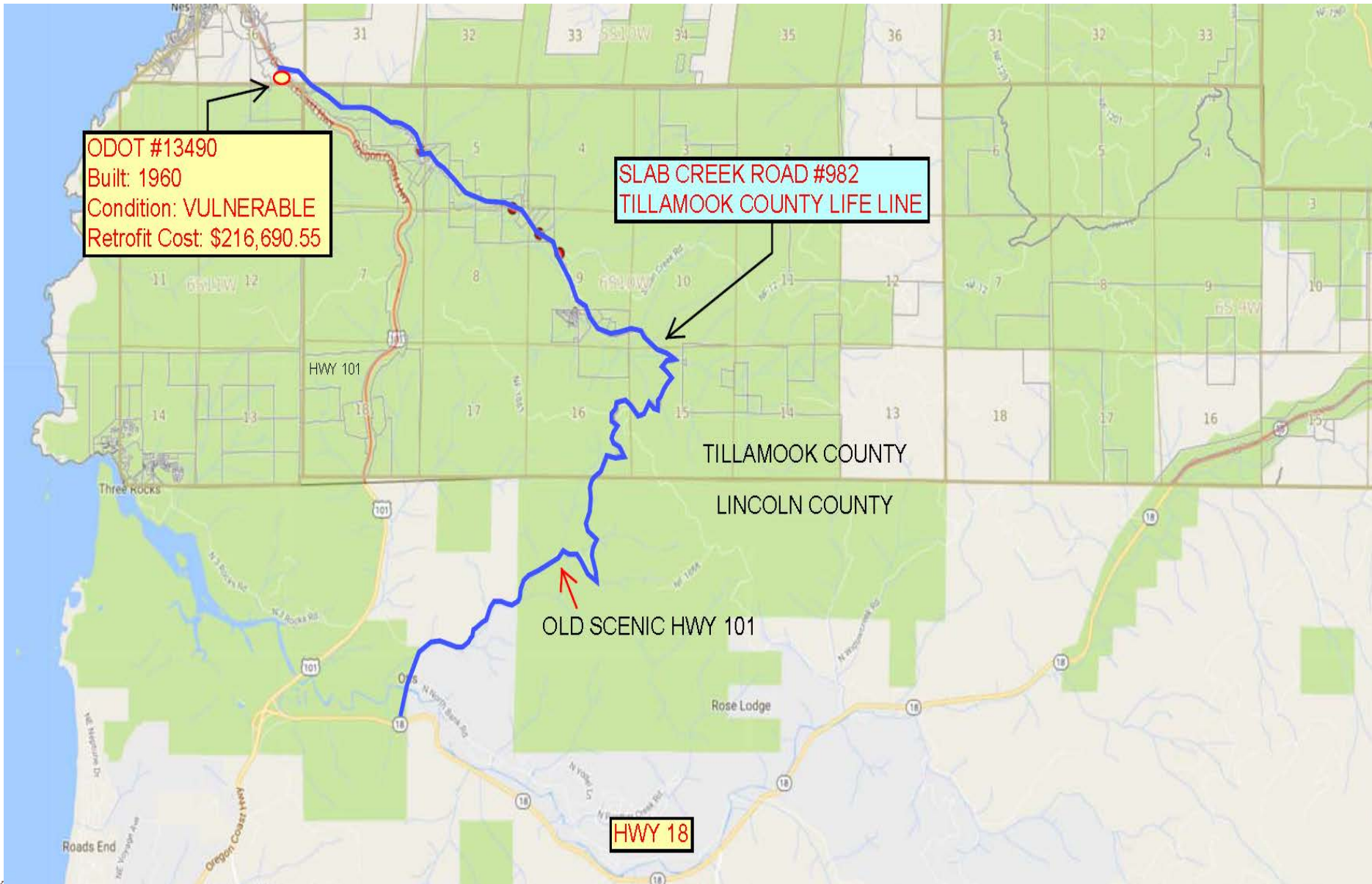
lwelch@co.tillamook.or.us



Objective

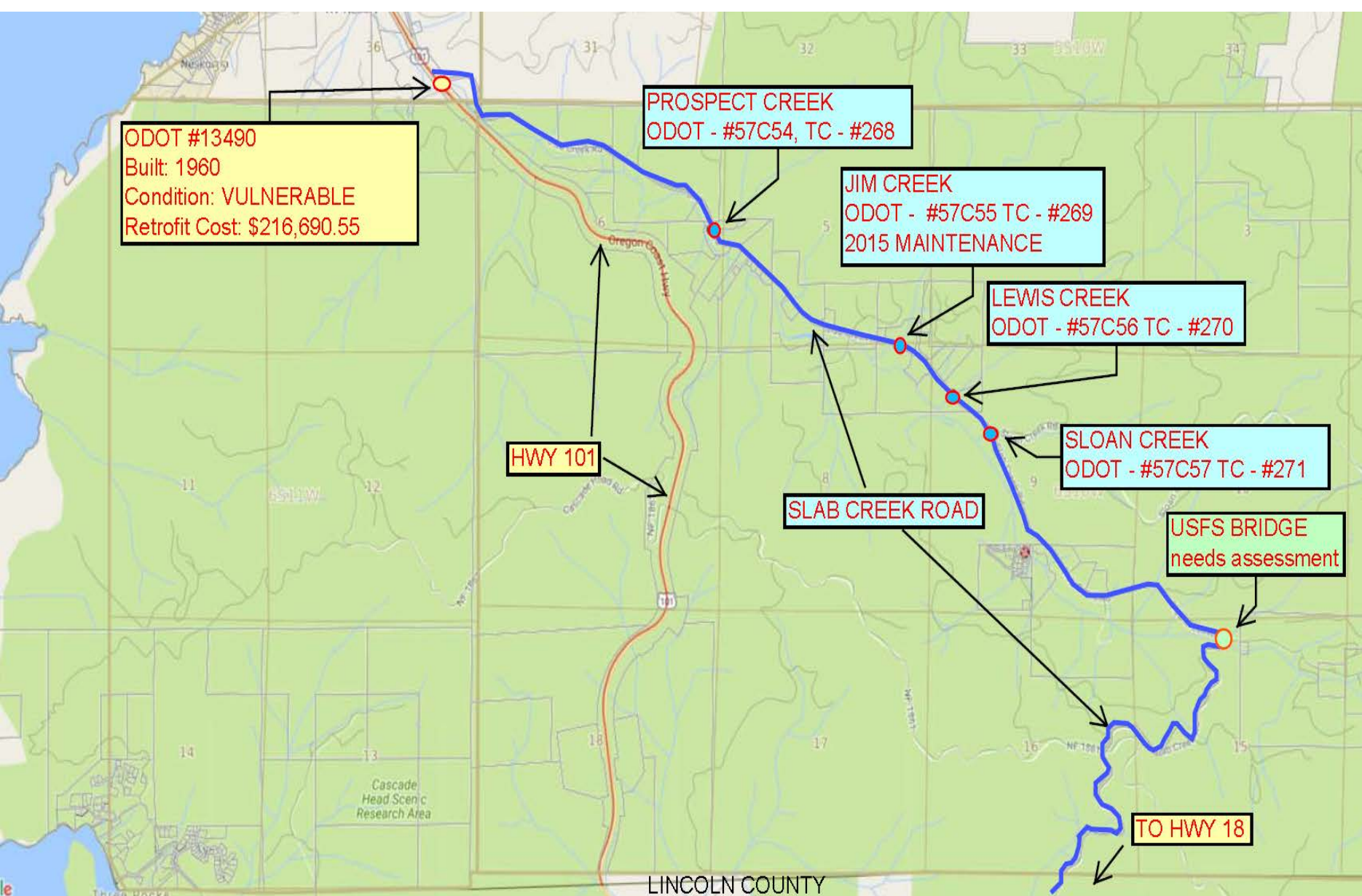
- 1. Re-evaluate Tillamook County life line routes and prioritize multi-span bridges for seismic retrofit or replacement.
- 2. Review ODOT's life line routes and locations of their bridges. Identify alternative routes on County/other roads that may be more cost effective to seismically retrofit or replace.





Hwy 18 is a priority route for ODOT





4 County bridges are single span, USFS bridge needs assessment

ODOT #02508A
Built: 1980
Condition: VULNERABLE
Retrofit Cost: \$3,568,121.48

Total ODOT Cost: \$3,568,121.48
or \$996,000

ODOT - #04691A
Built: 1956
Condition: VULNERABLE
Planning Est. \$996,000

Meda Loop Repairs and Overlay needed
3 Culvert Replacement
Total COUNTY Cost: \$1,500,000.00

SIFFORD BRIDGE
ODOT - #22471 TC- #288
Built: 2015

CULVERTS

Bundle #1

Meda Loop Road Bypass Little Nestucca Bridge on Hwy 101

TILLAMOOK COUNTY LIFE LINE ROUTE

Ferry Street Bridge
ODOT #01372A - TC#256
Built: 1986
Retrofit Cost: \$755,508.65

Pacific Avenue Bridge
ODOT #11366A - TC#257
Built: 1973
Retrofit Cost: \$1,762,019.32

RESORT DRIVE

Total COUNTY Cost: 2,517,527.97

to CLOVERDALE



NO VIABLE BY-PASS OF HWY 101
ODOT BRIDGES #04660A & #00555B

Total ODOT Cost: 5,994,924.08

ODOT #00555B
Built: 1991
Condition: POTENTIALLY VULNERABLE
Retrofit Cost: \$949,919.08

HEBO

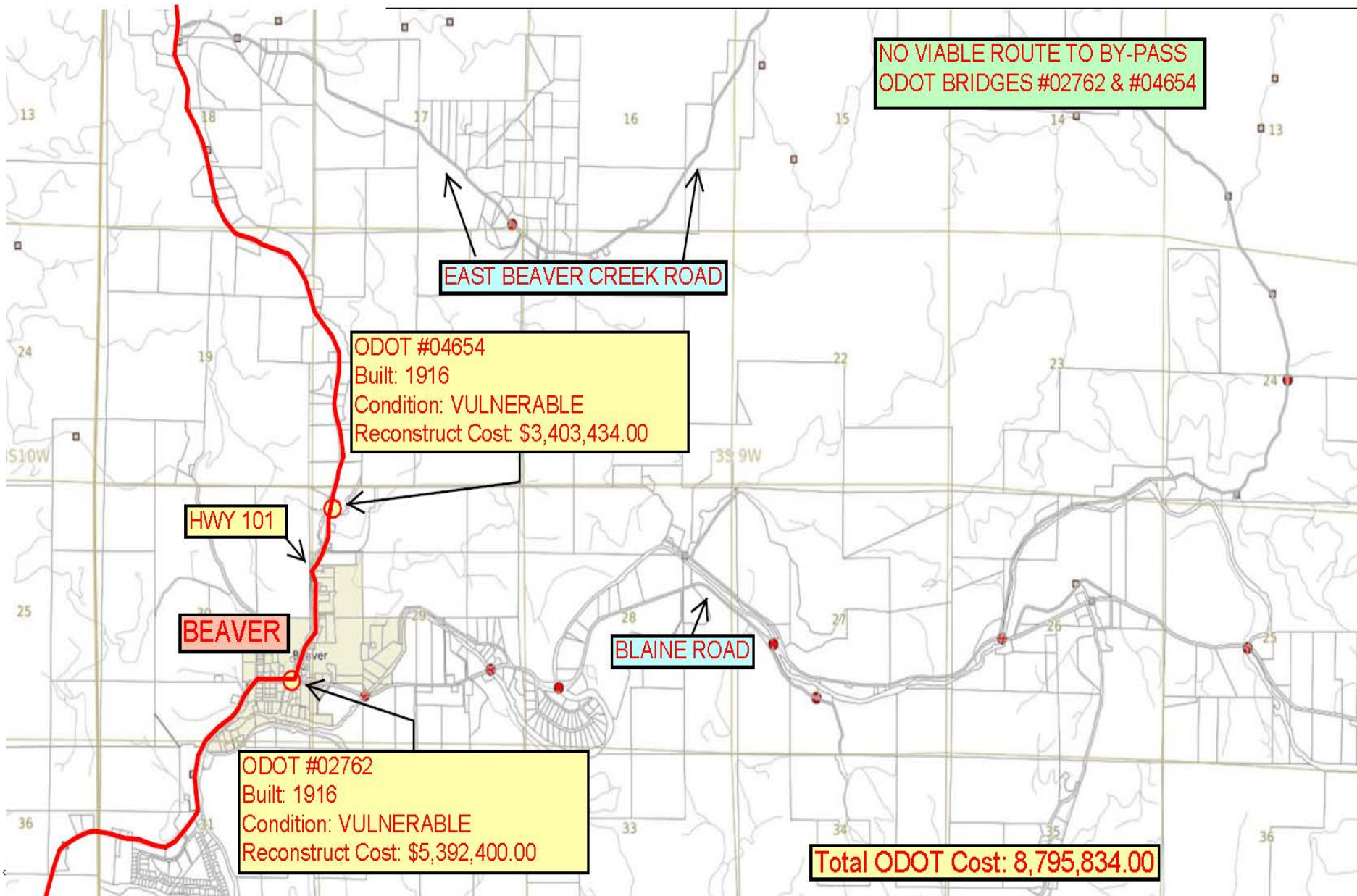
HWY 101

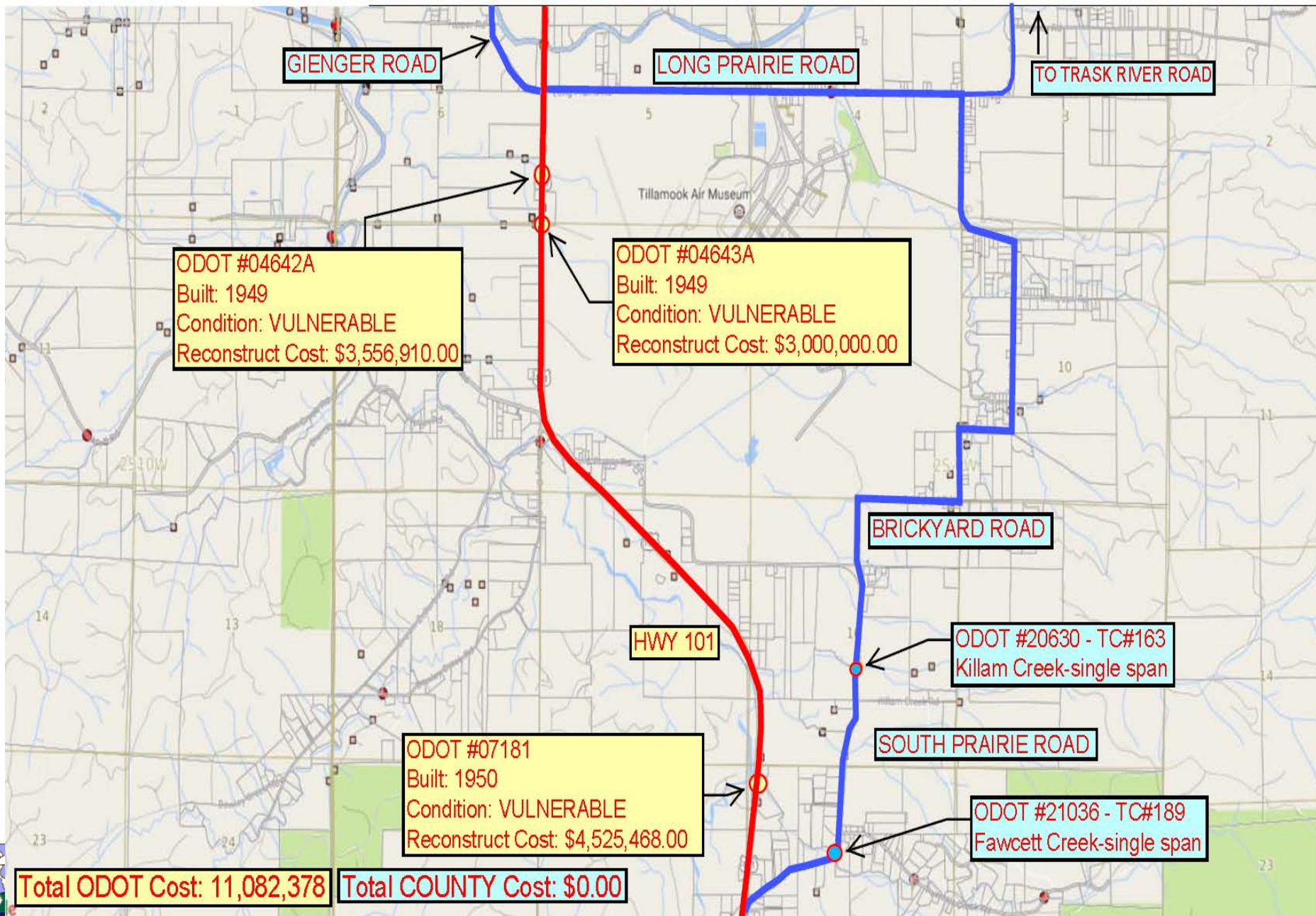
HWY 22

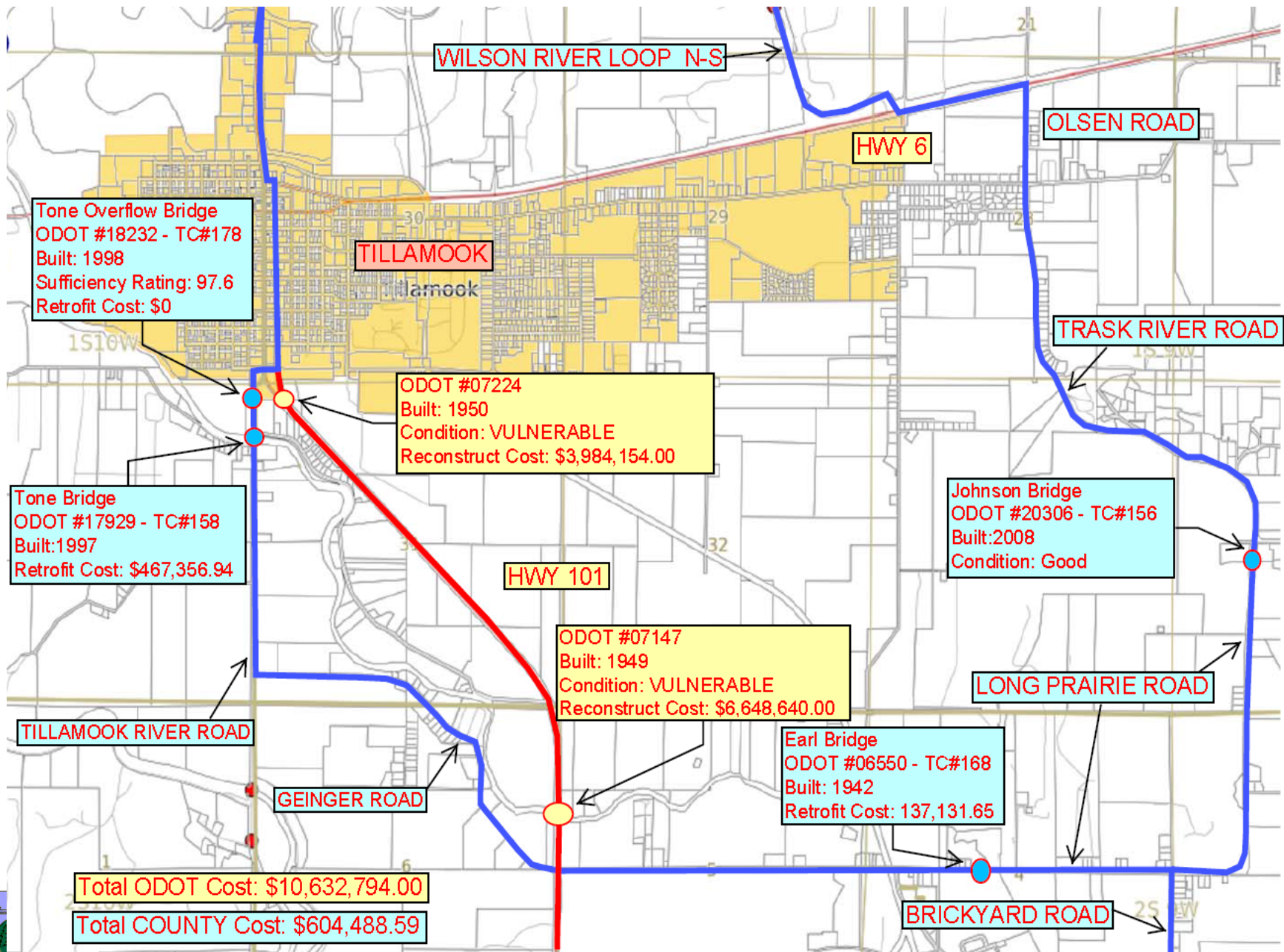
ODOT #04660A
Built: 1949
Condition: VULNERABLE
Reconstruct Cost: \$5,045,005.00

CLOVERDALE

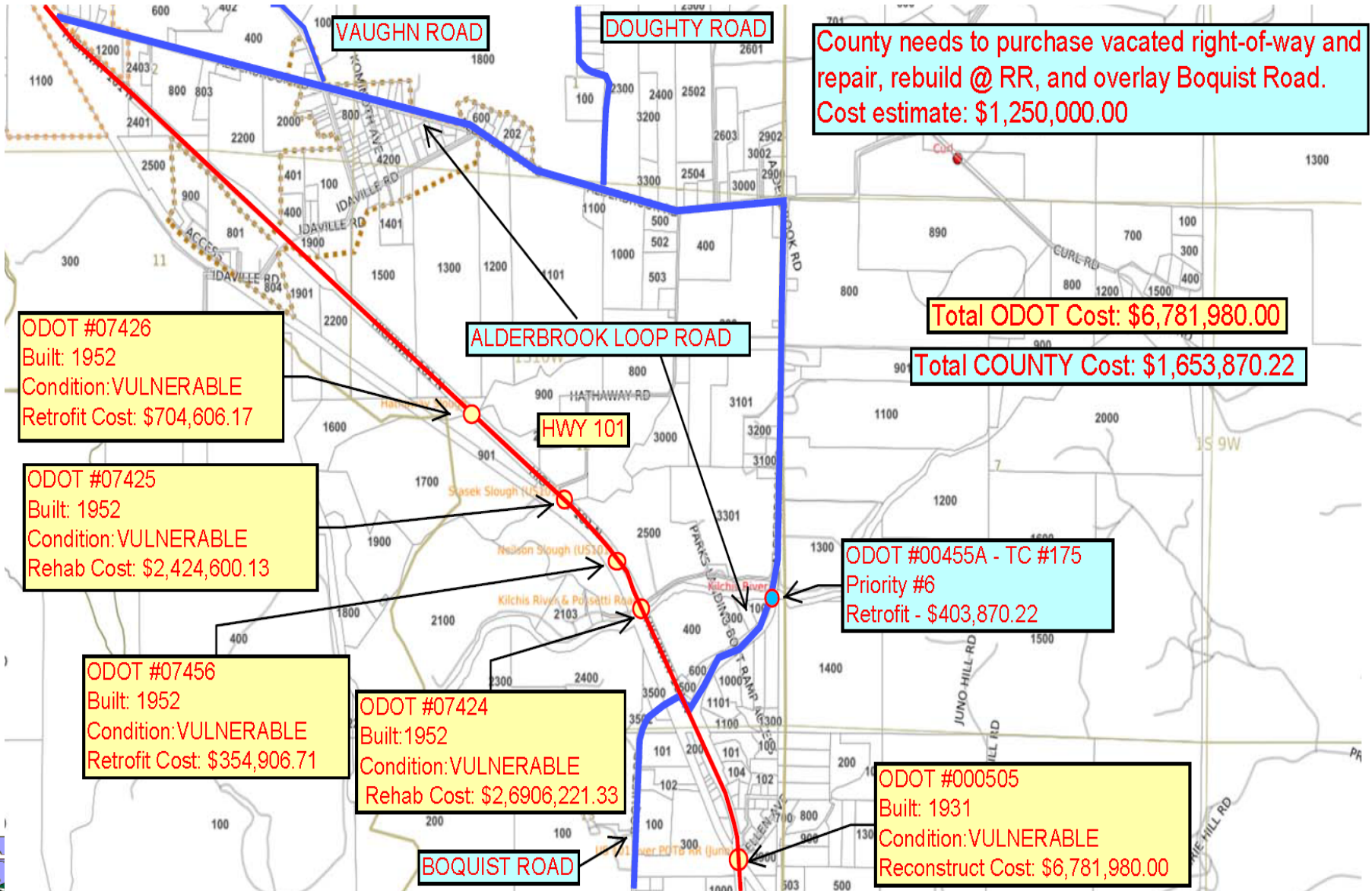








Bundle #2



County needs to purchase vacated right-of-way and repair, rebuild @ RR, and overlay Boquist Road.
 Cost estimate: \$1,250,000.00

Total ODOT Cost: \$6,781,980.00

Total COUNTY Cost: \$1,653,870.22

ODOT #07426
 Built: 1952
 Condition: VULNERABLE
 Retrofit Cost: \$704,606.17

ODOT #07425
 Built: 1952
 Condition: VULNERABLE
 Rehab Cost: \$2,424,600.13

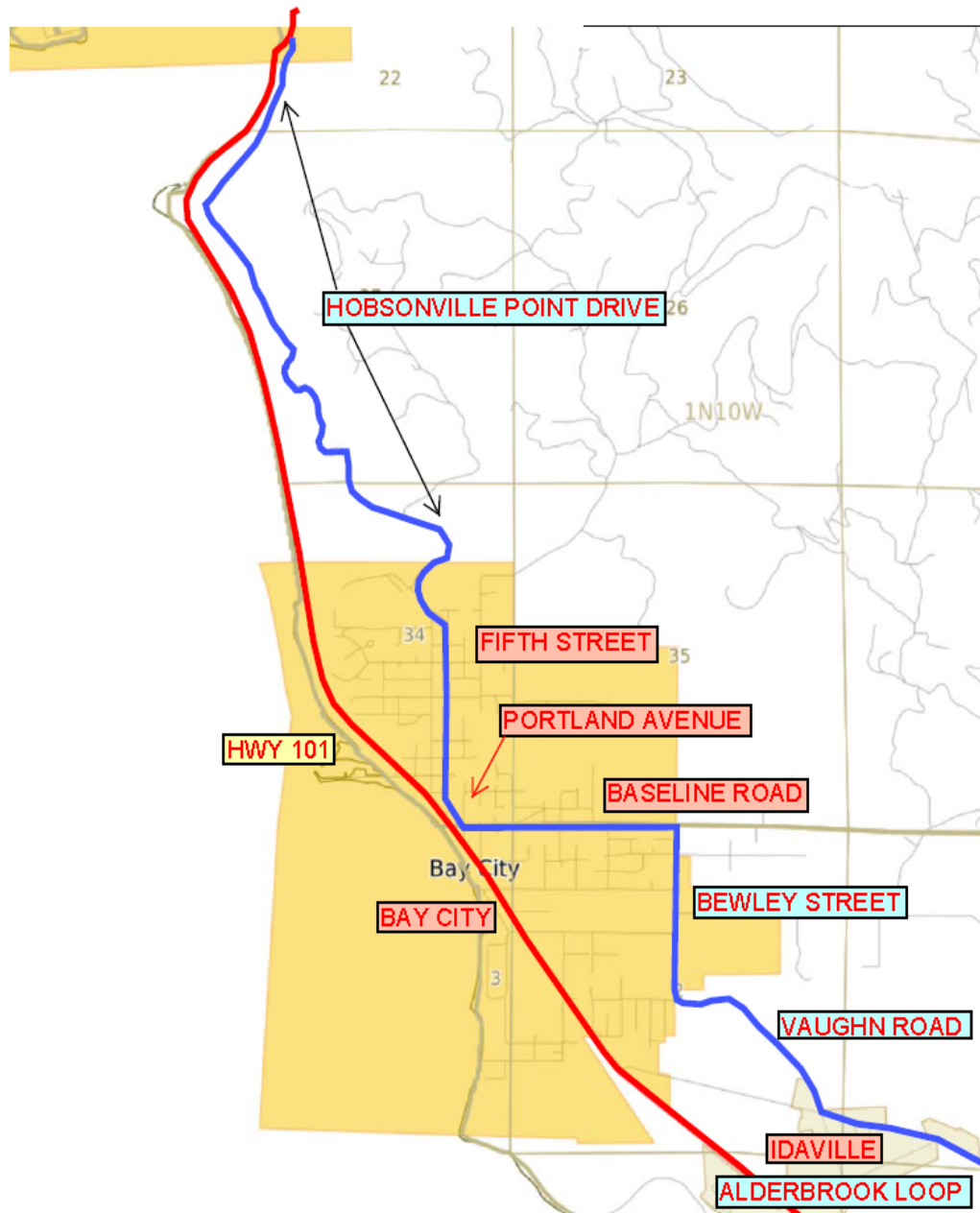
ODOT #07456
 Built: 1952
 Condition: VULNERABLE
 Retrofit Cost: \$354,906.71

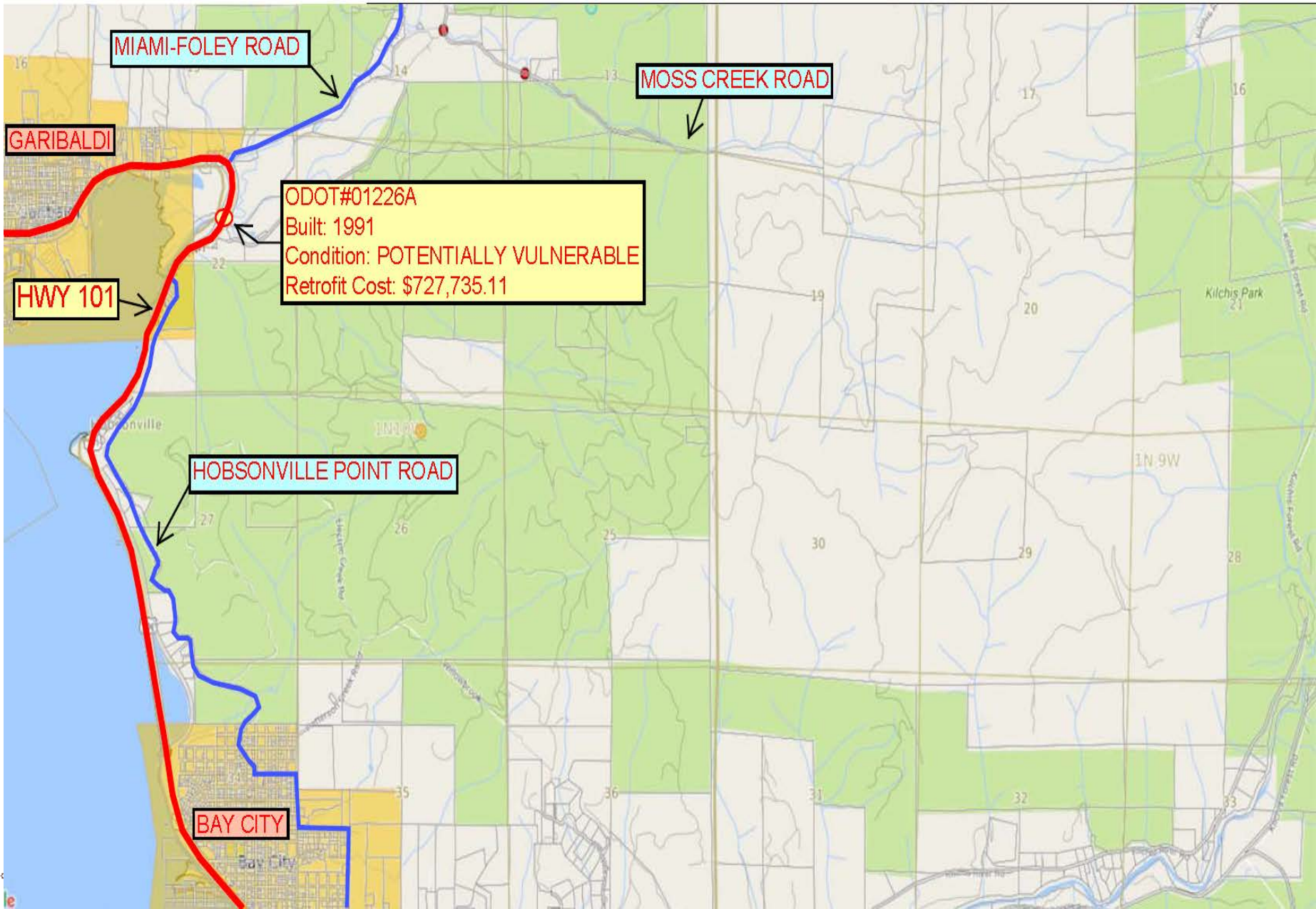
ODOT #07424
 Built: 1952
 Condition: VULNERABLE
 Rehab Cost: \$2,6906,221.33

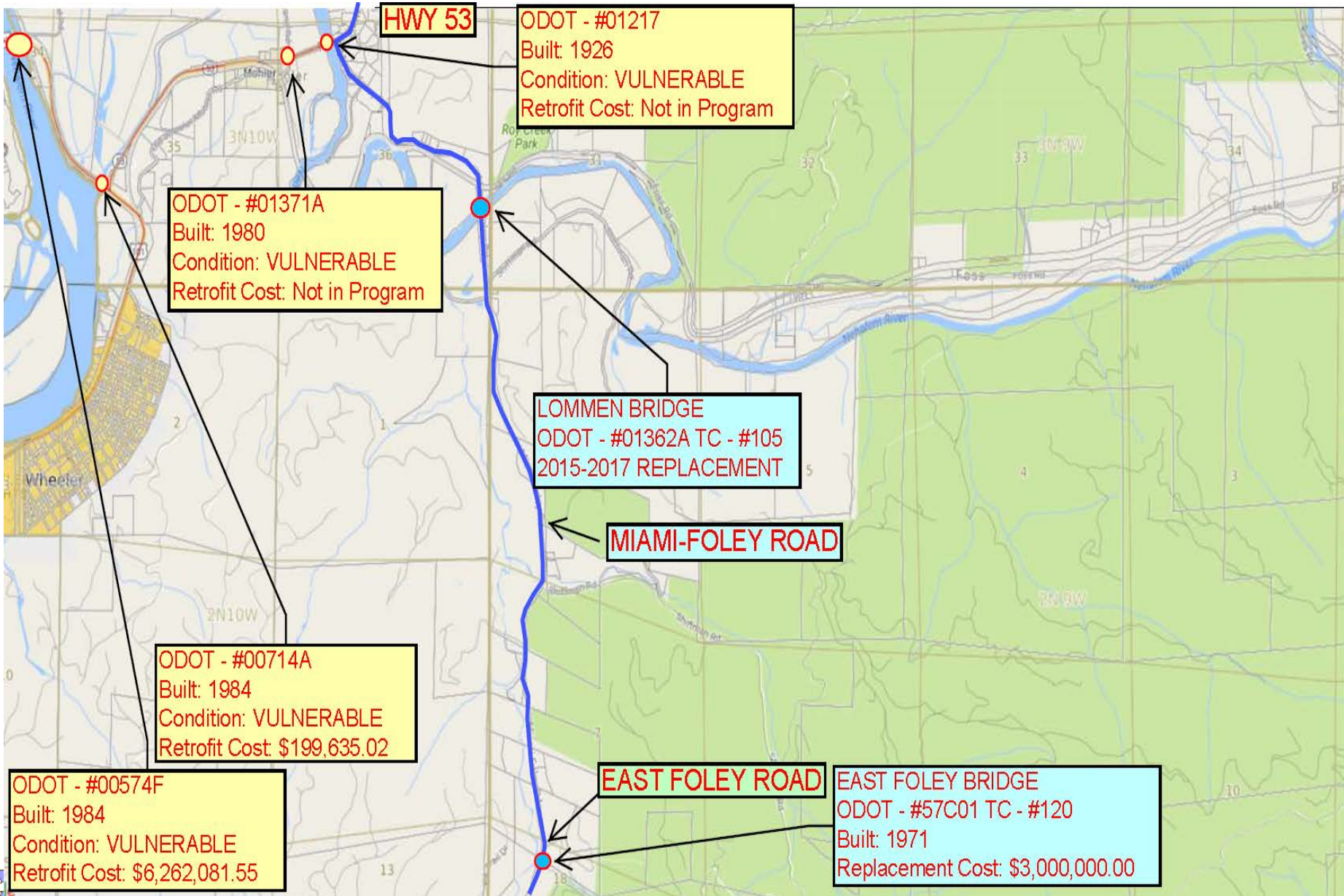
ODOT #00455A - TC #175
 Priority #6
 Retrofit - \$403,870.22

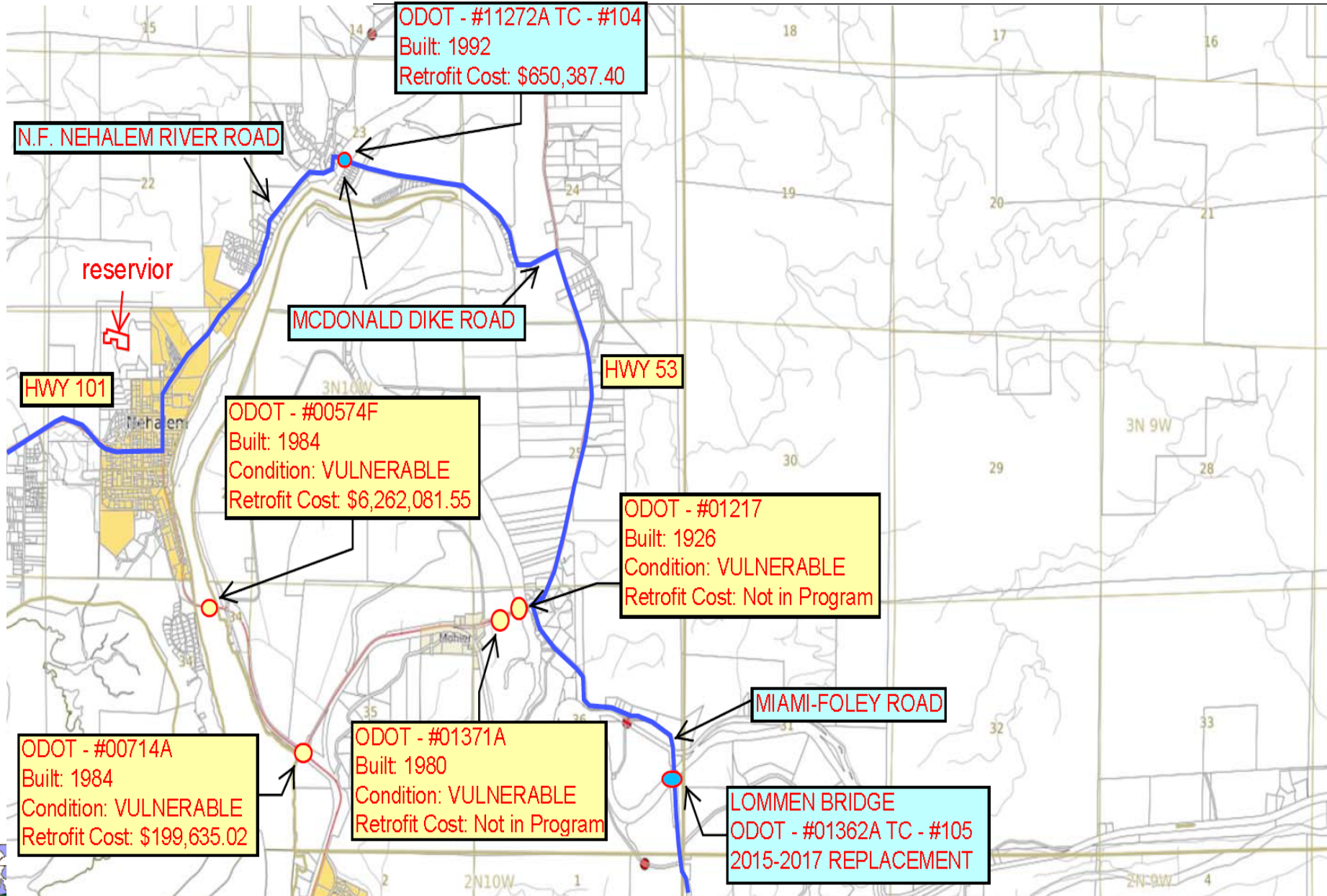
ODOT #000505
 Built: 1931
 Condition: VULNERABLE
 Reconstruct Cost: \$6,781,980.00











COST BUNDLES #1-3

Bundle #1

- **Meda Loop Road Bypass:**

County Cost: \$ 1,500,000

ODOT Cost: \$ 3,568,121

Bundle #2

- **Long Prairie Road to Hwy 6 Bypass:**

County Cost: \$ 604,488

ODOT Cost: \$10,632,794

Bundle #3

- **Wilson River Loop N-S:**

County Cost: \$ 3,357,789

ODOT Cost: \$14,731,099



TILLAMOOK CO. BRIDGE ASSESSMENT PRIORITIES

PRIORITY	BRIDGE ID	YEAR BUILT	CROSSES	MP	MATERIAL MAIN	SUFFICIENCY RATING	DECK AREA (SQFT)	COUNTY RETROFIT COST \$	WORK TYPE	FINAL COST (UNIT COST)	FINAL COST (MIN.COST)
1	57C23	1974	WILSON	0.07	5 Prestressed Concrete	68	7,833	\$702,658.14	Retrofit	\$702,658.14	\$702,658.14
2	18594	2000	CREEK	0.59	2 Concrete Continous	94	4,867	\$254,643.36	Retrofit	\$254,643.36	\$3,000,000.00
3	18593	2000	O'FLOW BR	0.69	2 Concrete Continous	92	16,222	\$959,517.55	Retrofit	\$959,517.55	\$959,517.55
4	18592	2000	O'FLOW BR	0.82	2 Concrete Continous	94	14,584	\$862,631.78	Retrofit	\$862,631.78	\$862,631.78
5	11340A	1952	DOUGHERTY SLOUGH	0.5	2 Concrete Continous	84	4,836	\$578,338.39	Retrofit	\$578,338.39	\$800,000.00
6	00455A	1989	KILCHIS	2.44	5 Prestressed Concrete	97	6,003	\$403,870.22	Retrofit	\$403,870.22	\$450,000.00
7	01372A	1986	NESTUCCA	12.81	6 P/S Conc Continous	78	11,230	\$755,508.65	Retrofit	\$755,508.65	\$755,508.65
8	11366A	1973	NESTUCCA	0.12	5 Prestressed Concrete	83	17,377	\$1,762,019.32	Retrofit	\$1,762,019.32	\$1,762,019.32
9	57C01	1971	EAST FOLEY CRK	10.12	5 Prestressed Concrete	65	2,035	\$ 182,521.55	Replacement		\$3,000,000
10	11272A	1992	N.FORK NEHALEM	1.14	5 Prestressed Concrete	97	10,996	\$650,387.40	Retrofit	\$650,387.40	\$650,387.40
11	11315A	1986	NESTUCCA RV	0.01	5 Prestressed Concrete	98	10,500	\$798,525.05	Retrofit	\$798,525.05	\$798,525.05
								\$7,910,621.41		\$7,728,099.86	\$ 13,741,247.89



- Questions:

Tillamook County Public Works

503 Marolf Loop Road

Tillamook, OR 97141

503-842-3419



