

**Lewis County Public Works
Proposed Six-Year TIP
(Transportation Improvement Program)
2017 - 2022**



Six-Year Transportation Improvement Program 2017-2022

PURPOSE:

- Develop Lewis County's future transportation improvement programs and projects
- Provide a comprehensive transportation program for the ensuing six calendar years

REQUIREMENT:

- Revised Code of Washington 36.81.121
- Washington Administrative Code 136-15-050
- File TIP with County Road Administration Board and the State Secretary of Transportation

HOW A PROJECT IS CREATED

INITIAL LIST:

- Functional Classification
- High Accident Location
- Area Supervisor Comments/Maintenance Effort
- Public Comment/Concern
- Development Potential



Project Selection Criteria

- **Accident History** (1-10 possible points)
 - County maintains records on all accidents that occur on the County road system.
- **Constructability and Permits** (1-10 possible points)
 - Land acquisition needs (costs) along with state and federal permit requirements.
- **Pavement Rating System** (1-10 possible points)
 - Data maintained on all County roads.
- **Maintenance Offset** (1-5 possible points)
 - Estimated project benefit offsetting on-going maintenance expense.
- **Traffic Counts** (1-10 possible points)
 - Average Daily Traffic – a measure of probable use and congestion.
- **Support by Other Plans** (1-5 possible points)
 - Does the project have connection to other state, federal or local plans?
- **Supplemental Funding** (1-10 possible points)
 - Does the project qualify for supplemental state or federal funding?
- **Geographic Equity** (1-5 possible points)
 - Is the project located to provide geographic equity within the County?

Project Selection

TIP Evaluation Process:

- Selection committee:
 - Public Works Director/County Engineer, Assistant County Engineer, Maintenance Lead Supervisor, Traffic and Maintenance Engineer, and Senior Engineers
- Review previous TIP
- Selection criteria applied to all new candidate project (existing project scores reanalyzed every 3 years)
- Analyze project feasibility
- Adjust projects based on individual merits and budget constraints

TIP Finalization:

- Presentation of preliminary TIP to communities and decision makers
- Adjust the TIP based on public response and budgeting constraints
- Proposal submitted to the Board of County Commissioners for a Public Hearing action in November of each year

Funding Sources

The following is a list of some funding sources Lewis County utilizes for the road fund:

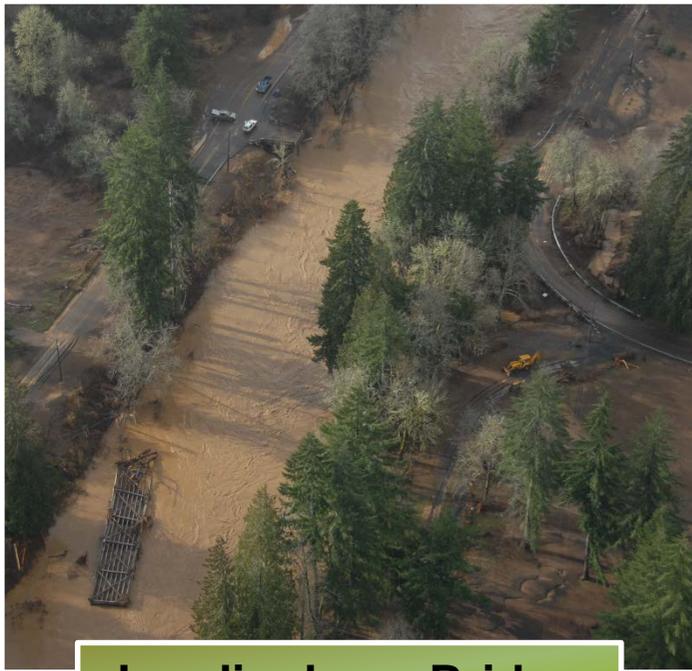
- Property Tax \$2.250000 per \$1,000 of assessed valuation (2016)
- Motor vehicle fuel tax
- Federal and State Funding Programs
 - BRAC (Bridge Replacement Advisory Committee)
 - STP (Surface Transportation Program)
 - RAP (Rural Arterial Program)
 - CAPP (County Arterial Preservation Program)
 - ER (Emergency Relief)
 - FEMA (Federal Emergency Management Agency)
 - TIA (Transportation Improvement Account)
 - SRFB (Salmon Recovery Funding Board)
 - FLAP (Federal Lands Access Program)
 - .09 (Distressed County Funds)

2016 Projects

- Leudinghaus Bridge Replacement
- County Road Safety Program – Phase I
- Cispus Road Improvements
- Roundtree Road Slide Repair (realignment)
- (USFS) FR-5200 HMA Patching
- *Davis Creek Turnarounds / US-12 Intersections

**under construction*

- *Skate Creek Bridge Scour
- *Lincoln Creek Bridge Replacement
- *Pe Ell McDonald Bridge Scour
- *Senn Road Bridge Scour
- Ingalls Road Wingwall Repair
- Chip Seal Program \approx 90.05 miles
 - Tacoma Power
 - Centralia
 - Winlock
 - Pe Ell
 - Vader



Leudinghaus Bridge



Mays Bridge



A historical black and white photograph of a street scene. On the left, a building has a sign that reads "MEAT MARKET". A group of about ten people, including men in suits and hats, women in long dresses, and children, are standing on a wooden sidewalk. In the foreground, there is a wooden structure, possibly a platform or a small stage, with a railing. The overall scene suggests a busy street in a past era.

Preliminary 2017-2022 Six-Year TIP

Construction Budget: 2017 Season = \$10.06 Million

Construction Budget: Six-Year TIP = \$64.67 Million

PRIORITY NO. 1: COUNTYWIDE BRIDGE/ROAD BANK PROTECTION



Pe Ell McDonald Bridge Scour

Proposed Sites:

Road Number: Various
TIP Ranking:

Priority Array Score:
Beginning Milepost:
Ending Milepost:
Total Mileage:

Project Timeline:
PE: 2017-2022
ROW: 2017-2022
CONS: 2017-2022

Existing Conditions:

Proposed Conditions:

Lane Widths:
Shoulder Widths:
Traffic Count:
3 year accident History:

Lane Widths:
Shoulder Widths

Property:
Injuries:
Fatalities:

Basis for Project: Countywide bank protection on various roads and bridges.

- Oyler Road Bridge Scour (BRAC)
- Magnus Road Bridge Scour
- Cinebar Road Bridge Scour
- Newaukum Valley Road Scour Mitigation

Non-Capital Improvement Projects

Funding:

Local: \$600,000 (6 yr.)/\$100,000 – 2017
BRAC: \$238,000 (6 yr.)/\$238,000 – 2017
Total Funding: \$838,000

PRIORITY NO. 2: COUNTYWIDE CULVERT REPLACEMENT



Frase Creek Fish Passage

Road Number: Various

TIP Ranking:

Priority Array Score:

Beginning Milepost:

Ending Milepost:

Total Mileage:

Project Timeline:

PE: 2017-2022

ROW: 2019

CONS: 2019-2022

Existing Conditions:

Proposed Conditions:

Lane Widths:

Lane Widths:

Shoulder Widths:

Shoulder Widths

Traffic Count:

3 year accident History:

Property: 0

Injuries: 0

Fatalities: 0

Basis for Project: Countywide removal and replacement of barrier culverts, provide stream enhancements for fish passage, and replacement of maintenance culverts.

Fish Passage and County Maintenance

Proposed Sites:

Lucas Creek Fish Passage, MP 4.20 & 4.30

Frase Creek Fish Passage, MP 0.50

Bunker Creek Fish Passage, MP 5.68

Bunker Creek Fish Passage, MP 2.39

Independence Road, MP 0.88

Jackson Hwy S, MP 2.11

Wildwood Road, MP 8.55

Non-Capital Improvement Projects

Funding:

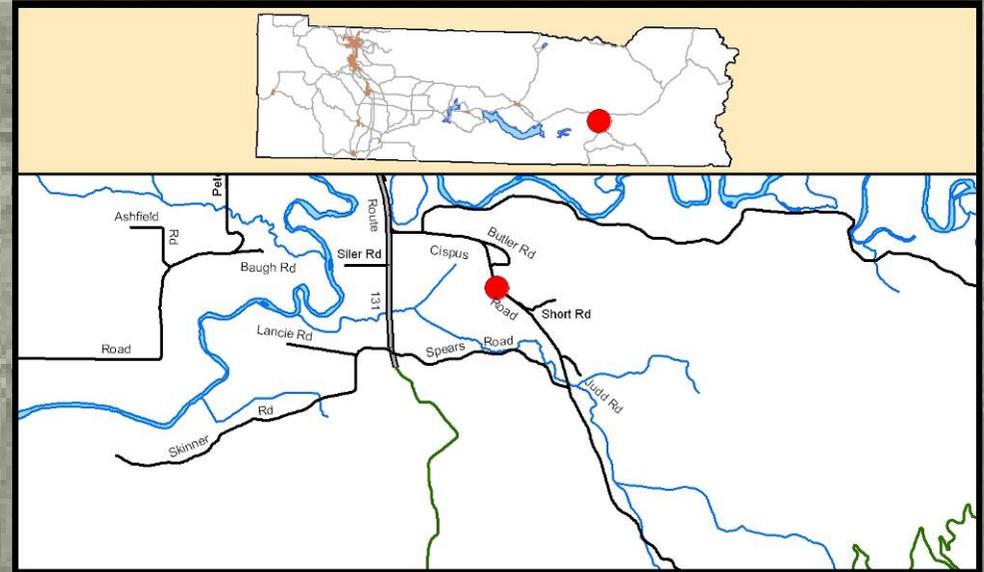
Local: \$146,000 (6 yr.)/\$29,000 – 2017

RAP: \$356,000 (6 yr.)/\$23,000 - 2017

Fed/State: \$328,000 (6 yr.)/\$8,000 – 2017

Total Funding: \$830,000

PRIORITY NO. 3: FEDERAL FOREST ROAD IMPROVEMENTS



Road Number:

TIP Ranking:

Priority Array Score:

Beginning Milepost:

Ending Milepost:

Total Mileage:

Project Timeline:

PE: 2017-2022

ROW:

CONS: 2017-2022

Existing Conditions:

Proposed Conditions:

Lane Widths:

Lane Widths:

Shoulder Widths

Shoulder Widths

Traffic Count:

3 year accident History:

Property:

Injuries:

Fatalities:

Basis for Project: Maintenance improvements to access Federal Forest lands.

Proposed Projects:

–Covel Creek Culvert

(Pending Forest Service Right-of-way Acquisition)

–Pavement Repair/Preservation on Federal Forest Roads

Funding:

Local: \$600,000 (6 yr.)/\$100,000 – 2017

Total Funding: \$600,000

PRIORITY NO. 4: COUNTYWIDE 3R PROGRAM



Proposed 2017:

Chip Seal

Highland Valley	Pattee
Hofer DR	Pe Ell McDonald
Awmiller	Hubbard
Bay	Hwy 603
Bennett	Jackson Hwy
Beville	Johnson
Big Creek	Jordan
Boistfort	Kahout
Brim	Kakela
Carroll	Katula
Cemetery	Kautz PL
Ceres Hill	Kennicott
Chandler	Manners
Cook	Meier
Coughlin	Morton
Creek PL	Mosley
Dodge	Mowich Way
Elk Creek	Mt Vista
Eshom	Nisqually Way
Foster Creek	Oppelt
Frying Pan PL	Osborn
Harkins	Paradise DR
	Paradise DR E
	Wagner

Cement Treated Base

Airport	Keasling
Anderson	Leroy
Baugh	Middle Fork
Bennett	Mineral Hill
Blue	Muller
Bremgartner	Nisqually Way
Bunker Creek	Osborn
Camus	Paradise Dr.
Cispus	Peters
Cline	Pigeon Springs
Coulson	Ploegman
Dluhosh	Roundtop
Evans	Rupp
Falls	Short
Fircrest	Tune
Hadaller	Urquhart
Hamilton	Walhaupt
Howe	Wilson
Joppish	
Kahout	

Hot Mix Asphalt

West County Bridge
Approach Repairs

Road Number:

TIP Ranking:

Priority Array Score:

Beginning Milepost:

Ending Milepost:

Total Mileage:

Project Timeline:

PE: 2017-2022

ROW: 2017-2022

CONS: 2017-2022

Existing Conditions:

Proposed Conditions:

Lane Widths:

Shoulder Widths

Traffic Count:

3 year accident History:

Property:

Injuries:

Fatalities:

Basis for Project: Yearly Program – Base stabilization, chip-sealing, and hot mix asphalt overlays.

Funding:

Local: \$1,275,820 (6 yr.)/\$773,470 - 2017

CAPP: \$2,949,180 (6 yr.)/\$491,530 – 2017

Total Funding: \$4,225,000 (6 yr.)/\$1,265,000 - 2017

PRIORITY NO. 5: COUNTYWIDE MISC SAFETY & GUARDRAIL



Road Number: Various

TIP Ranking:

Priority Array Score:

Beginning Milepost:

Ending Milepost:

Total Mileage:

Existing Conditions:

Lane Widths:

Shoulder Widths

Traffic Count:

3 year accident History:

Property:

Injuries:

Fatalities:

Basis for Project: Yearly program – Perform various safety projects as needed and install guardrail at necessary locations.

Project Timeline:

PE: 2017-2022

ROW: 2017-2022

CONS: 2017-2022

Proposed Conditions:

Lane Widths:

Shoulder Widths

Proposed 2017 Guardrail Sites:

Accident Repair

Storm Damage Repair

Proposed 2017 Safety:

Recessed Pavement Marker Replacements

Flexible Guide Posts

Intersection Safety Improvements

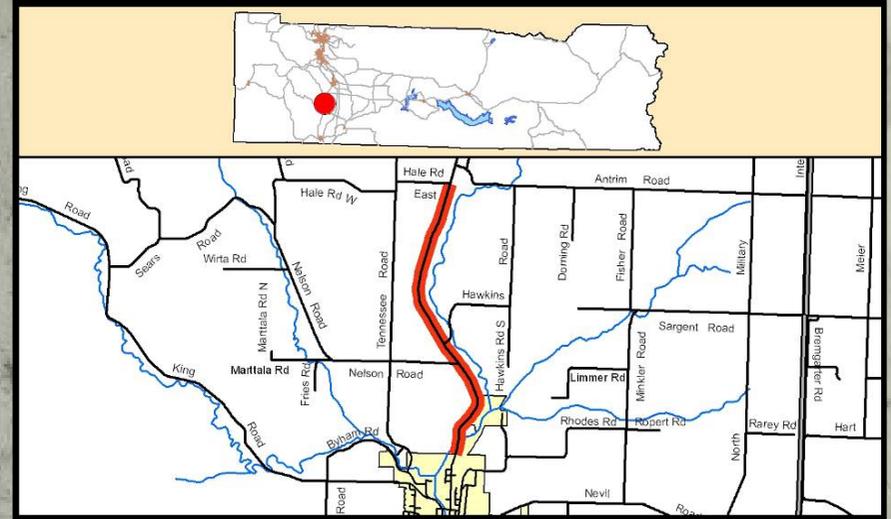
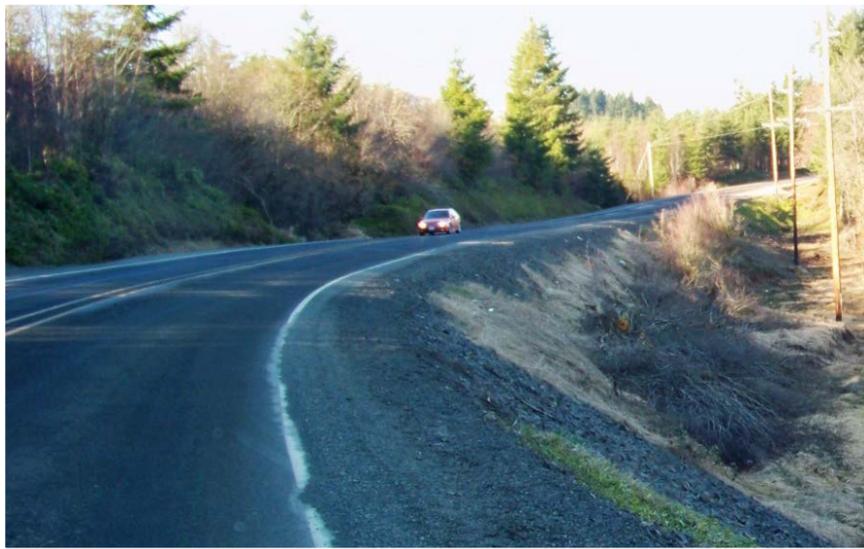
Right-of-way Purchase

Funding:

Local: \$875,000 (6 yr.)/\$300,000 - 2017

Total Funding: \$875,000

PRIORITY NO. 6: HWY 603 STABILIZATION



Road Number: 93006

TIP Ranking:

Priority Array Score:

Beginning Milepost: 11.70

Ending Milepost: 13.42

Total Mileage: 1.72

Project Timeline:

PE: 2017

ROW:

CONS: 2017

Existing Conditions:

Proposed Conditions:

Lane Widths: 13

Lane Widths: 11

Shoulder Widths: 1

Shoulder Widths: 6

Traffic Count: 2,044

3 year accident History:

Property: 2

Injuries: 2

Fatalities: 0

Basis for Project: Improve horizontal alignment, widen and reconstruct roadway base, overlay with HMA, and other related work.

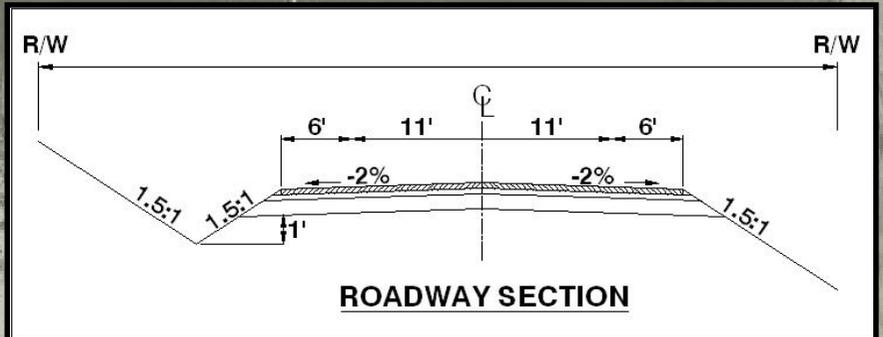
Funding:

Local: \$3,623,000

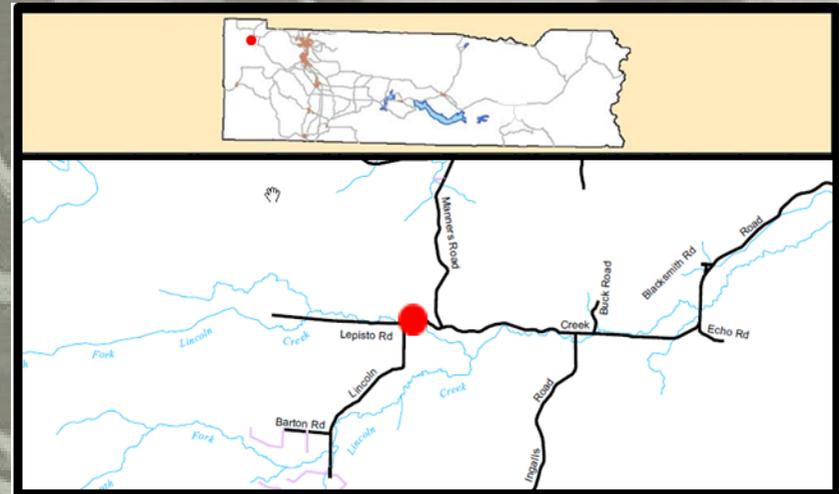
STP(R): \$1,000,000

RAP: \$472,000

Total Funding: \$5,095,000



PRIORITY NO. 7: LINCOLN CREEK BRIDGE #31 REPLACEMENT



Road Number: 10019

TIP Ranking:

Priority Array Score:

Beginning Milepost: 11.90

Ending Milepost:

Total Mileage:

Existing Conditions:

Lane Widths: 12

Shoulder Widths:

Traffic Count: 186

3 year accident History:

Property: 2

Injuries: 0

Fatalities: 0

Basis for Project: Replacement of Bridge No. 31 and other related work.

Project Timeline:

PE:

ROW:

CONS: 2017

Proposed Conditions:

Lane Widths: 12

Shoulder Widths

Funding:

Local: \$2,000

BRAC: \$8,000

Total Funding: \$10,000

PRIORITY NO. 8: COUNTY SAFETY PROGRAM – PHASE II



Proposed Roads:

Shorey
West Side Hwy
Rush
Coal Creek
Hwy 603
Cooks Hill
Centralia Alpha
Galvin
Harrison Ave
Reynolds Ave

Jackson Hwy S
Leonard
Curtis Hill
Logan Hill
Jackson Hwy
N Military
Twin Oaks
Scheuber S
Sommerville
S Military

Road Number:
TIP Ranking:

Priority Array Score:
Beginning Milepost:
Ending Milepost:
Total Mileage:

Project Timeline:
PE: 2017
ROW:
CONS: 2017

Existing Conditions:

Proposed Conditions:

Lane Widths:
Shoulder Widths:
Traffic Count:

Lane Widths:
Shoulder Widths:

3 year accident History:

Property: 0
Injuries: 0
Fatalities: 0

Basis for Project: Safety improvements on roadways identified in the County's Local Road Safety Plan.

Funding:

Local: \$8,000

STP(S): \$1,191,000

Total Funding: \$1,199,000

PRIORITY NO. 9: JACKSON HWY REHABILITATION



Road Number: 94000

TIP Ranking:

Priority Array Score:

Beginning Milepost: 0.26

Ending Milepost: 1.23

Total Mileage: 0.97

Project Timeline:

PE:

ROW:

CONS: 2017

Existing Conditions:

Proposed Conditions:

Lane Widths: 11

Lane Widths: 11

Shoulder Widths: 6

Shoulder Widths: 6

Traffic Count: 6,488

3 year accident History:

Property: 11

Injuries: 2

Fatalities: 0

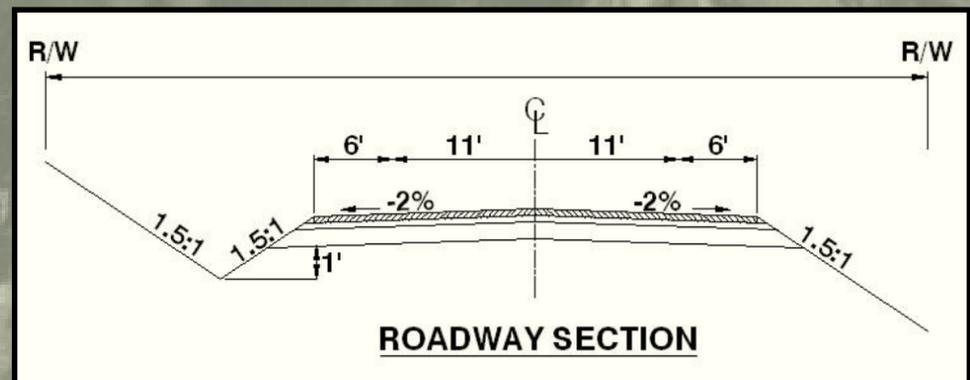
Basis for Project: Planing Bituminous Pavement, Paving Fabric, HMA Pre-level and Overlay, Guardrail, and other related work..

Funding:

Local: \$166,050

RAP: \$1,063,950

Total Funding: \$1,230,000



PRIORITY NO. 10: NORTH COUNTY INDUSTRIAL ACCESS

Road Number:

TIP Ranking:

Priority Array Score:

Beginning Milepost:

Ending Milepost:

Total Mileage:

Project Timeline:

PE: 2017

ROW:

CONS:

Existing Conditions:

Proposed Conditions:

Lane Widths:

Lane Widths:

Shoulder Widths:

Shoulder Widths:

Traffic Count:

3 year accident History:

Property: 0

Injuries: 0

Fatalities: 0

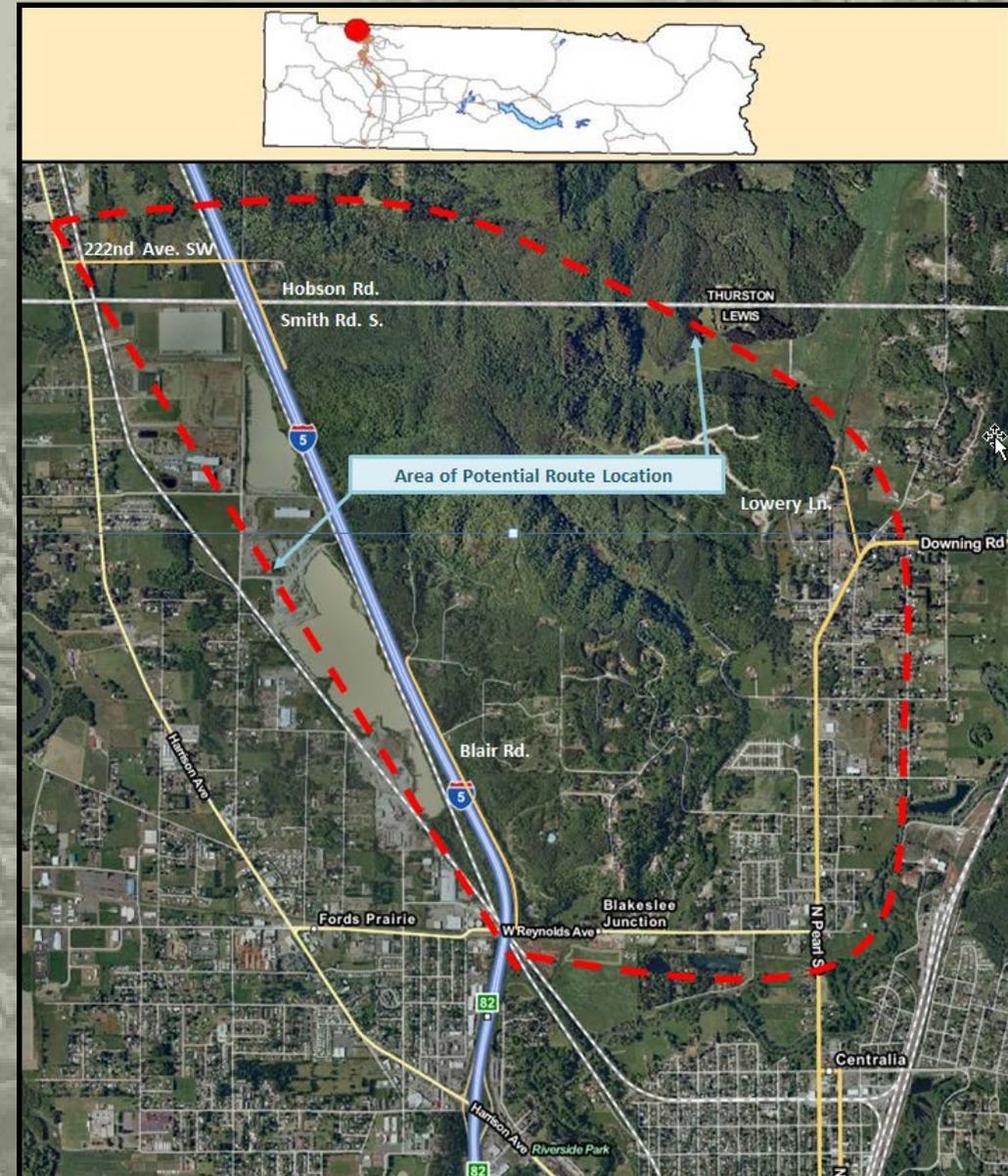
Basis for Project: This project proposes to finalize regional design efforts for a direct industrial ingress/egress arterial two-lane, two-way truck route from Interstate 5 to North Lewis County industrial properties.

Funding:

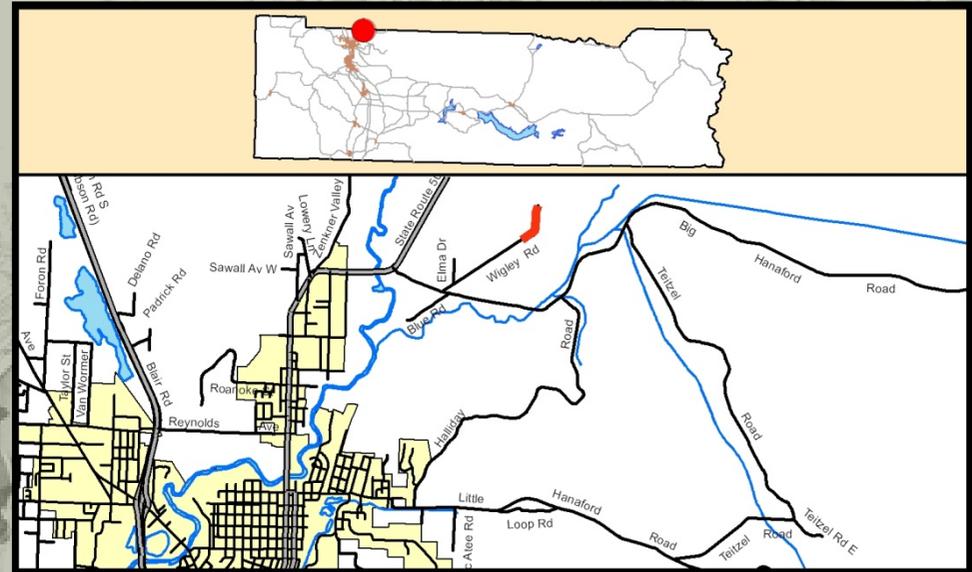
Local: \$17,000

.09 Distressed County: \$170,000

Total Funding: \$187,000



PRIORITY NO. 11: WIGLEY ROAD IMPROVEMENTS



Road Number: 17912

TIP Ranking:

Priority Array Score:

Beginning Milepost: .72

Ending Milepost: 1.03

Total Mileage: .31

Project Timeline:

PE: 2017-2017

ROW: 2018

CONS: 2018

Existing Conditions:

Proposed Conditions:

(1) Lane Width: 13

Lane Widths: 11

Shoulder Widths:

Shoulder Widths 2

Traffic Count: 29

3 year accident History:

Property: 0

Injuries: 0

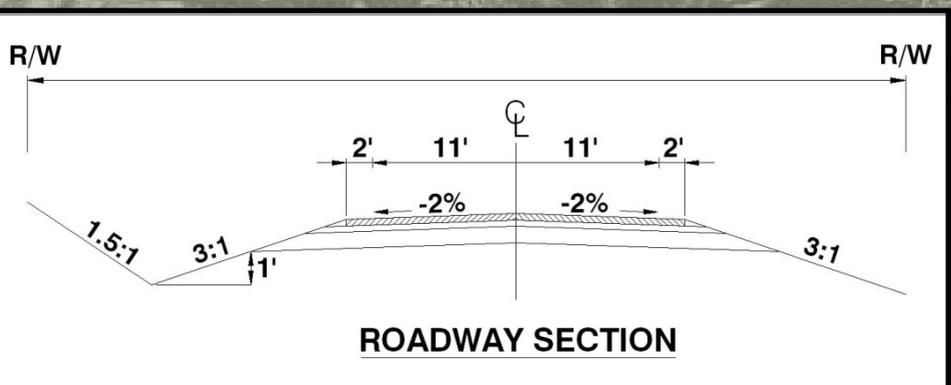
Fatalities: 0

Basis for Project: Improve by grading, pre-leveling with HMA, horizontal and vertical alignments will be improved, install pavement markings, and other related work.

Funding:

Local: \$335,000 (6 yr.)/\$30,000 - 2017

Total Funding: \$335,000



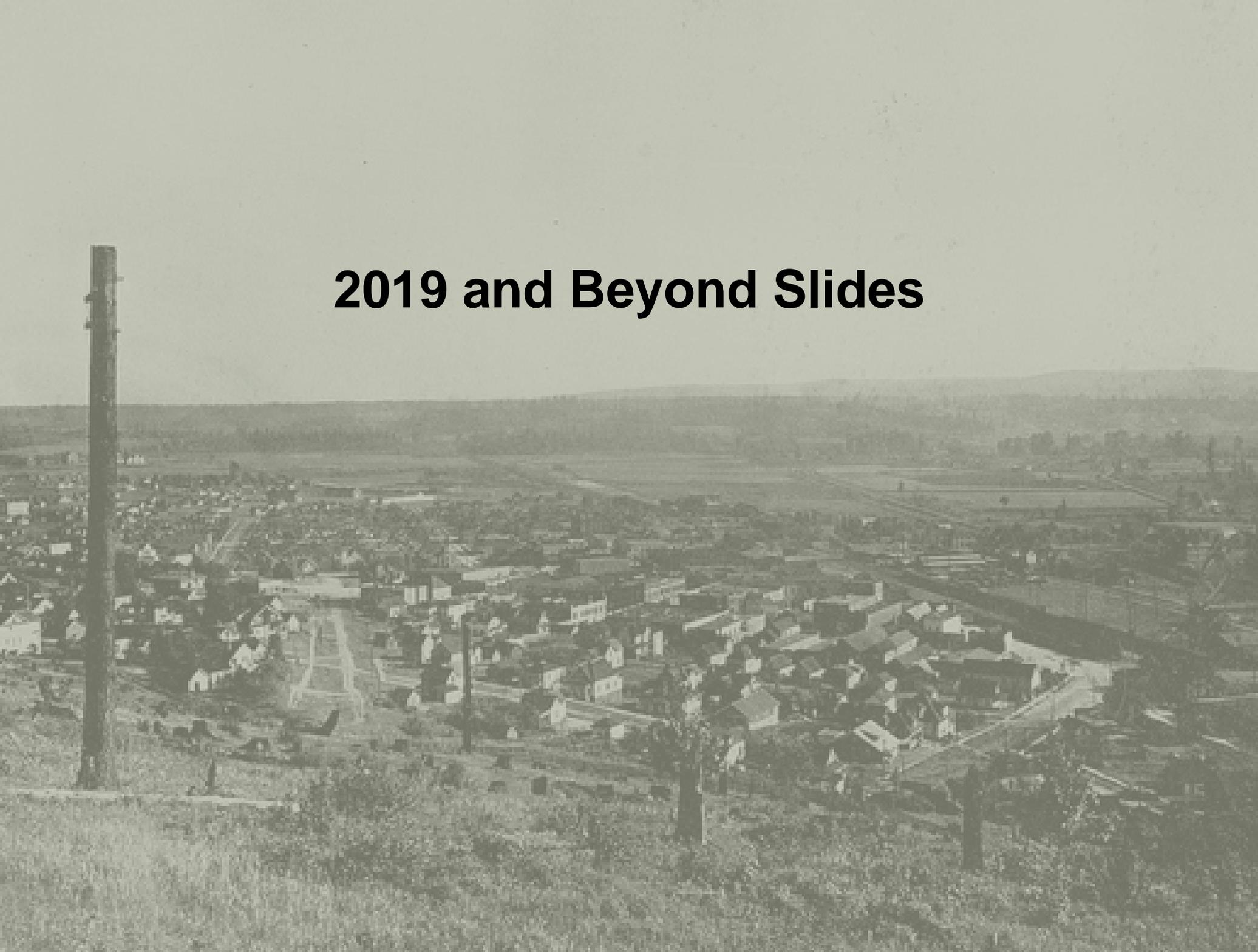
TIP Projects - 2019-2022 Construction and/or Waiting Funding

North Fork Road Realignment	MP 2.70 – 4.05
Swofford Road Rehabilitation	MP 0.00 – 1.78
Rush Rd Improvements	MP 2.60 – 3.16
Boyd Rd Rehabilitation	MP 0.00 – 1.14
Isbell Rd Rehabilitation	MP 0.00 – 1.41
Harrison Avenue Improvements	MP 0.55 – 2.54
Borst Avenue Safety Improvements	MP 0.00 – 0.30
Centralia Alpha Road Improvements	MP 10.60 – 11.85
Avery Rd West Improvements	MP 0.09 – 2.70
Tucker Rd Widening	MP 0.00 – 5.50
Mickelsen Parkway	MP 0.00 – 0.70
Avery Rd/N Military Intersection	MP 0.43 – 0.47
Forest Napavine Rd E Improvements	MP 0.00 – 1.58
Teitzel Road Bridge Approach Repair	MP 0.70 – 0.99
Gallagher Road Extension	MP 0.51 – 0.97
Downie Road Extension	MP 0.00
Middle Fork Rd Improvements	MP 0.00 – 3.74
Highway 603 (4) Rehabilitation	MP 10.90 – 11.70
SR 505 Corridor Improvements	MP 2.18 – 5.50
Railroad Line Acquisition – Tacoma Rail Mountain Division (TRMW)	

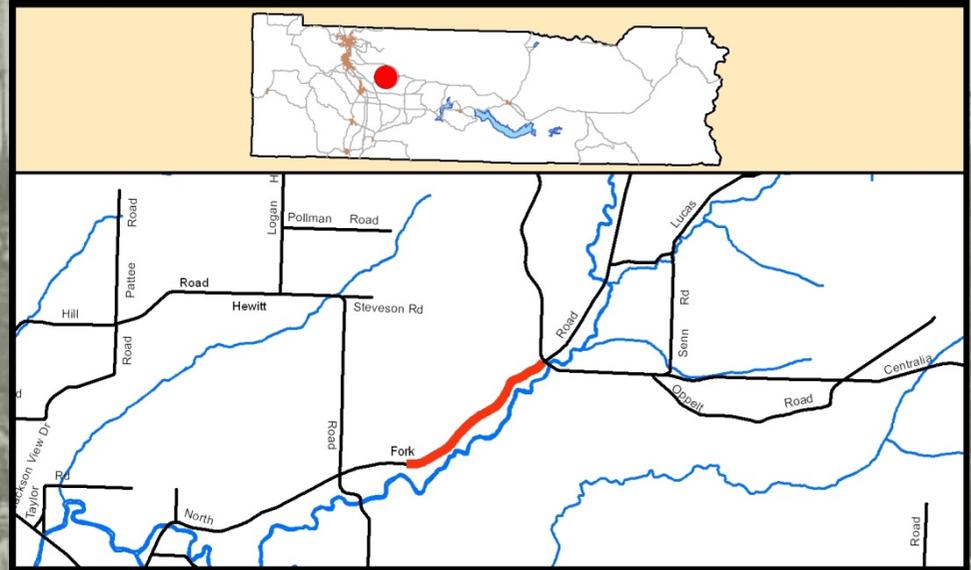
A faded, grayscale photograph of a street scene. In the foreground, a road with a white line runs from the bottom left towards the center. On the right side of the road, there is a building with a sign that says "GARAGE" and a Mobilgas logo. The Mobilgas logo is a shield-shaped sign with a Pegasus and the word "Mobilgas" below it. In the background, there are trees and other buildings. The overall image is very faded and has a low-contrast, historical feel.

QUESTIONS?

2019 and Beyond Slides



PRIORITY NO. 12: NORTH FORK ROAD REALIGNMENT



Road Number: 46000

TIP Ranking:

Priority Array Score:

Beginning Milepost: 2.70

Ending Milepost: 4.05

Total Mileage: 1.35

Project Timeline:

PE: 2017-2018

ROW: 2017-2018

CONS: 2018

Existing Conditions:

Proposed Conditions:

Lane Widths: 11

Lane Widths: 11

Shoulder Widths: 1

Shoulder Widths: 4

Traffic Count: 689

3 year accident History:

Property: 2

Injuries: 1

Fatalities: 0

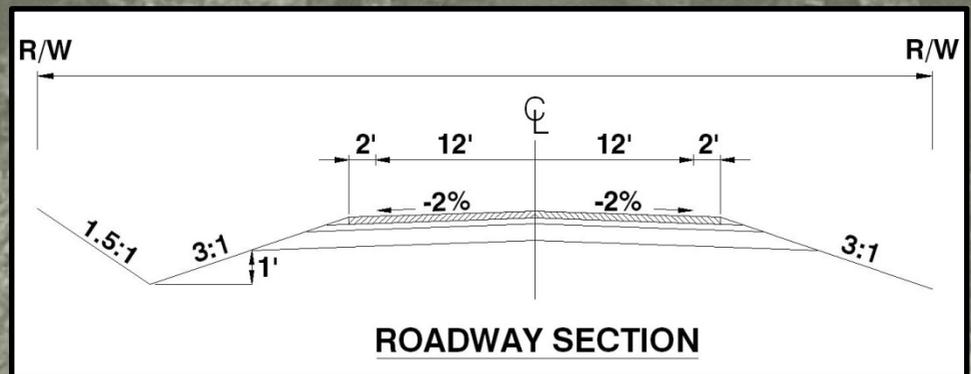
Basis for Project: Improve by grading, HMA, horizontal and vertical alignments will be improved, and other related work.

Funding:

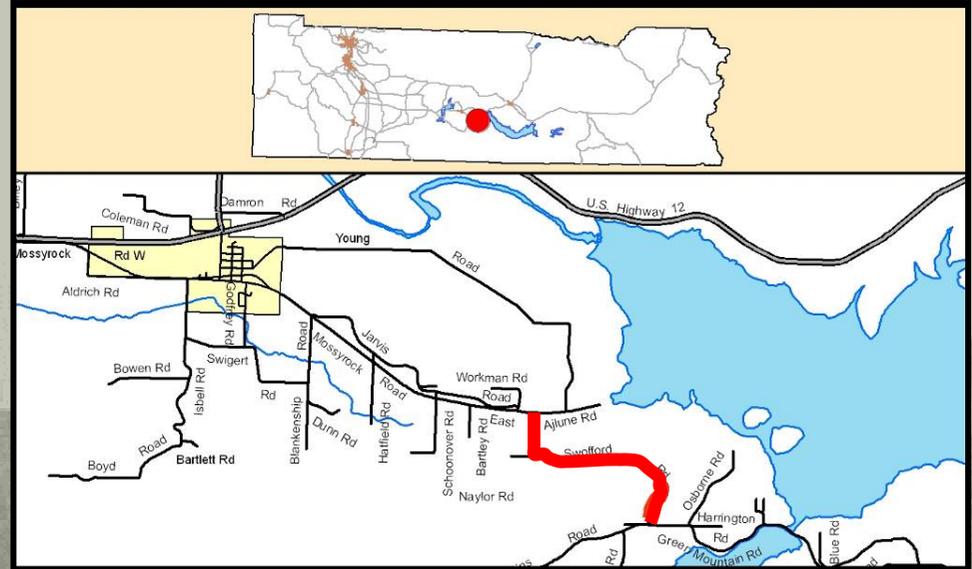
Local: \$382,000 (6 yr.)/\$113,000 - 2017

RAP: \$2,538,000 (6 yr.)/\$57,000 - 2017

Total Funding: \$2,920,000



PRIORITY NO. 13: SWOFFORD ROAD REHABILITATION



Road Number: 62850

TIP Ranking:

Priority Array Score:

Beginning Milepost: 0.00

Ending Milepost: 1.78

Total Mileage: 1.78

Project Timeline:

PE: 2017-2018

ROW: 2018

CONS: 2019

Existing Conditions:

Lane Widths: 11

Shoulder Widths: 2

Traffic Count: 534

3 year accident History:

Property: 0

Injuries: 2

Fatalities: 0

Proposed Conditions:

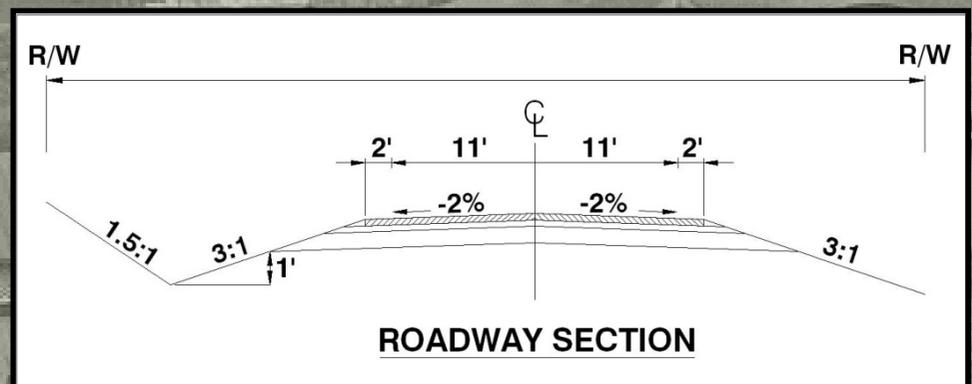
Lane Widths: 11

Shoulder Widths: 2

Funding:

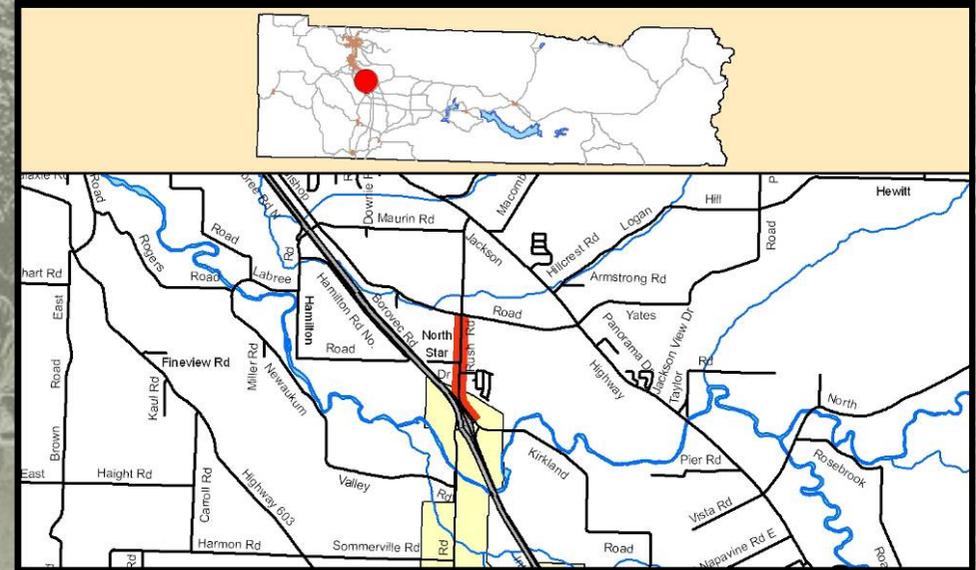
Local: \$775,000 (6 yr.)/\$15,000 - 2017

Total Funding: \$775,000



Basis for Project: Improve by grading, BST, horizontal and vertical alignments will be improved, and other related work.

PRIORITY NO. 14: RUSH ROAD IMPROVEMENTS



Road Number: 94006

TIP Ranking:

Priority Array Score:

Beginning Milepost: 2.60

Ending Milepost: 3.16

Total Mileage: .56

Project Timeline:

PE: 2017-2019

ROW: 2018-2019

CONS: 2019

Existing Conditions:

Proposed Conditions:

Lane Widths: 11

Lane Widths: 12

Shoulder Widths: 2

Shoulder Widths: 8

Traffic Count: 2,732

3 year accident History:

Property: 2

Injuries: 0

Fatalities: 0

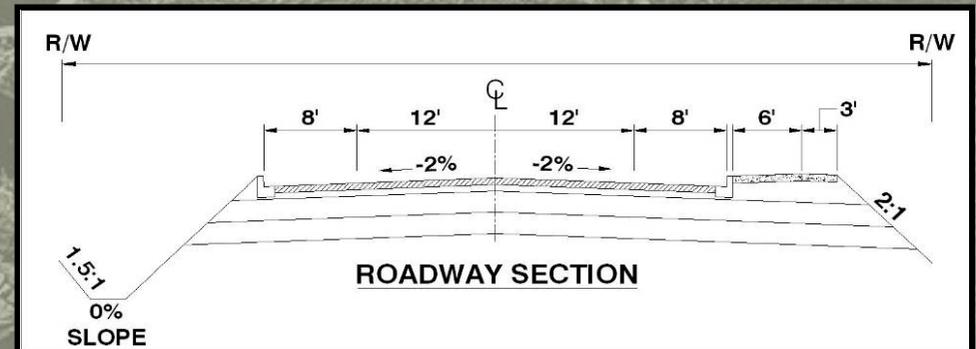
Basis for Project: Major widening, possible curb and gutter, sidewalks, base stabilization, HMA, and other related work.

Funding:

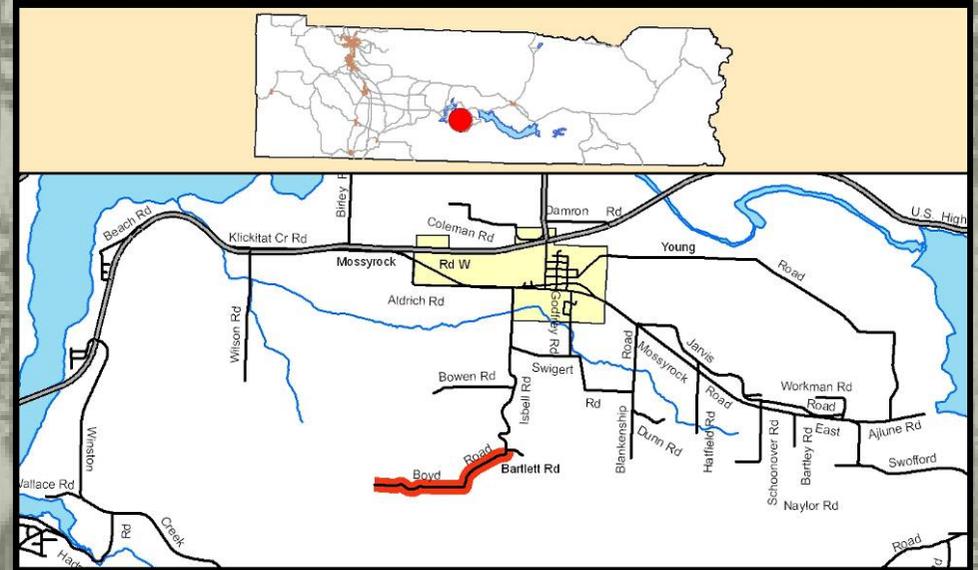
Local: \$0

Other Local: \$2,300,000 (6 yr.)/\$25,000 - 2017

Total Funding: \$2,300,000



PRIORITY NO. 15: BOYD ROAD REHABILITATION



Road Number: 61451

TIP Ranking:

Priority Array Score:

Beginning Milepost: 0.00

Ending Milepost: 1.14

Total Mileage: 1.14

Project Timeline:

PE: 2017-2019

ROW: 2019

CONS: 2019

Existing Conditions:

Proposed Conditions:

Lane Widths: 11

Lane Widths: 11

Shoulder Widths: 2

Shoulder Widths: 2

Traffic Count: 113

3 year accident History:

Property: 0

Injuries: 0

Fatalities: 0

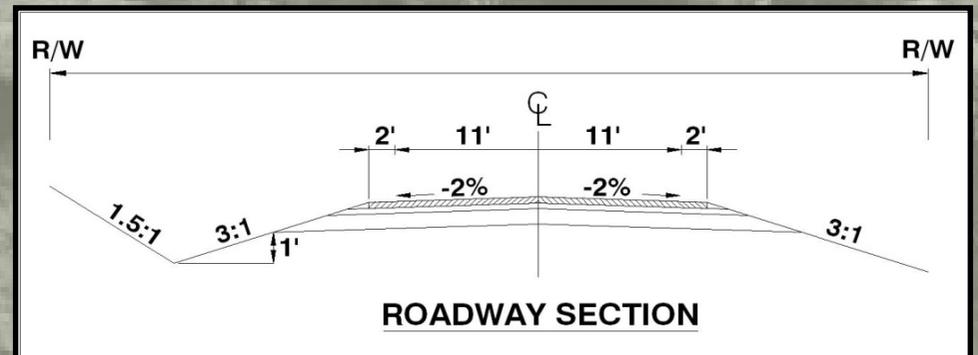
Basis for Project: Vertical and horizontal improvements, base stabilization, BST, and other related work.

Funding:

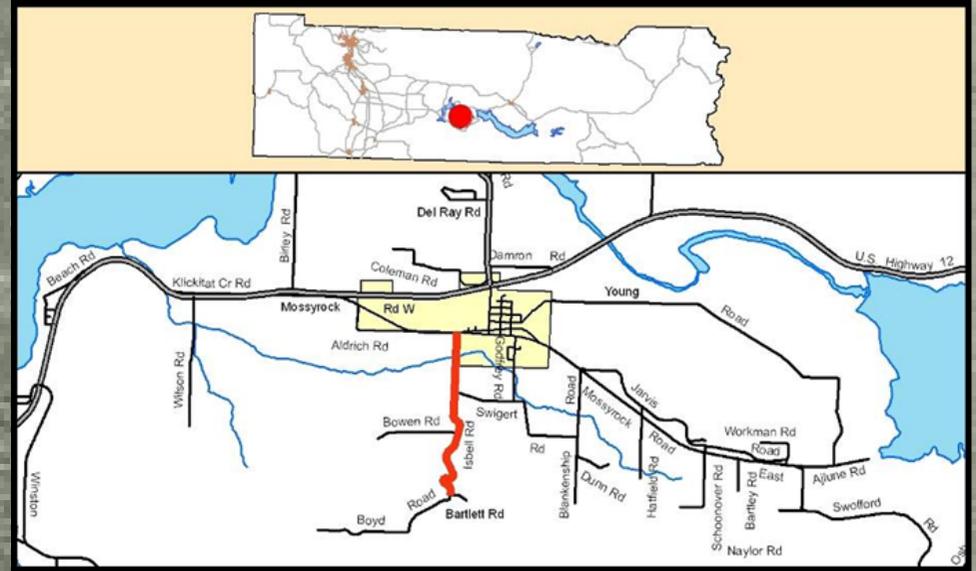
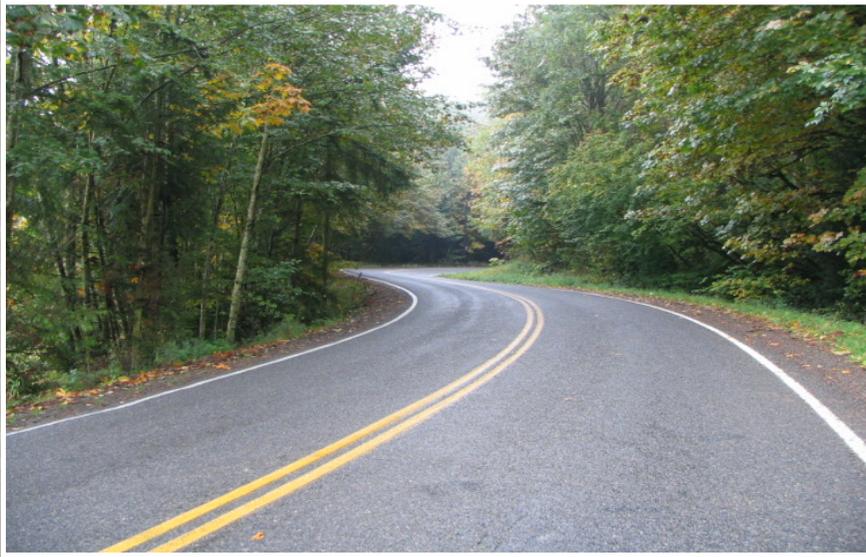
Local: \$10,000 (6 yr.)/\$10,000 - 2017

Other Local: \$470,000

Total Funding: \$480,000



PRIORITY NO. 16: ISBELL ROAD REHABILITATION



Road Number: 61450

TIP Ranking:

Priority Array Score:

Beginning Milepost: 0.00

Ending Milepost: 1.41

Total Mileage: 1.41

Project Timeline:

PE: 2017-2019

ROW: 2019

CONS: 2019

Funding:

Local: \$10,000 (6 yr.)/\$10,000 - 2017

Other-Local: \$425,000

Total Funding: \$435,000

Existing Conditions:

Proposed Conditions:

Lane Widths: 11

Shoulder Widths: 2

Traffic Count: 246

3 year accident History:

Property: 0

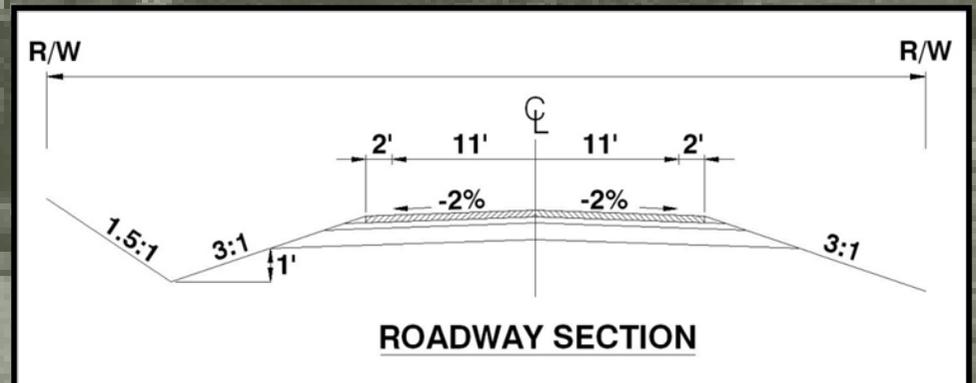
Injuries: 1

Fatalities: 0

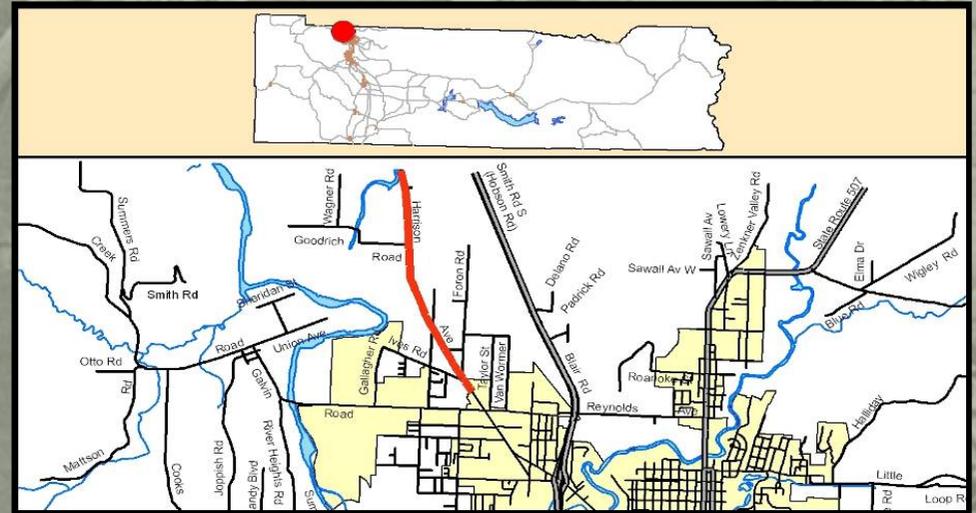
Lane Widths: 11

Shoulder Widths: 2

Basis for Project: Vertical and horizontal improvements, base stabilization, BST, and other related work.



PRIORITY NO. 17: HARRISON AVENUE IMPROVEMENTS



Road Number: 91000

TIP Ranking:

Priority Array Score:

Beginning Milepost: .55

Ending Milepost: 2.54

Total Mileage: 1.99

Project Timeline:

PE: 2020

ROW:

CONS:

Existing Conditions:

Proposed Conditions:

Lane Widths: 12

Lane Widths: Varies

Shoulder Widths: 6

Shoulder Widths: Varies

Traffic Count: 12,564

3 year accident History:

Property: 22

Injuries: 16

Fatalities: 0

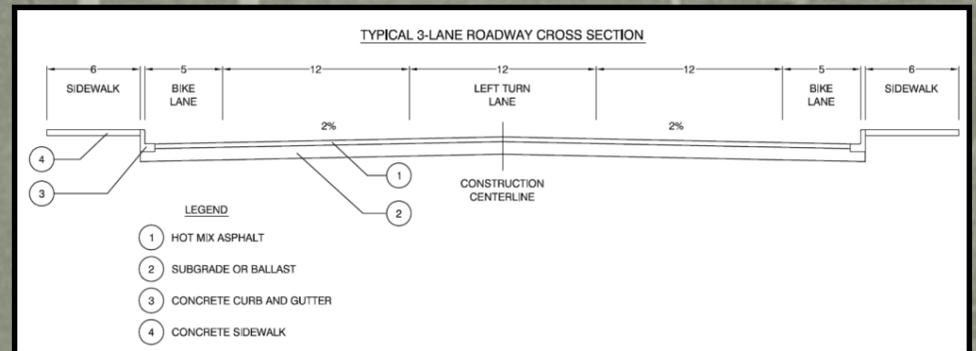
Basis for Project: Roadway design for future development.

Funding:

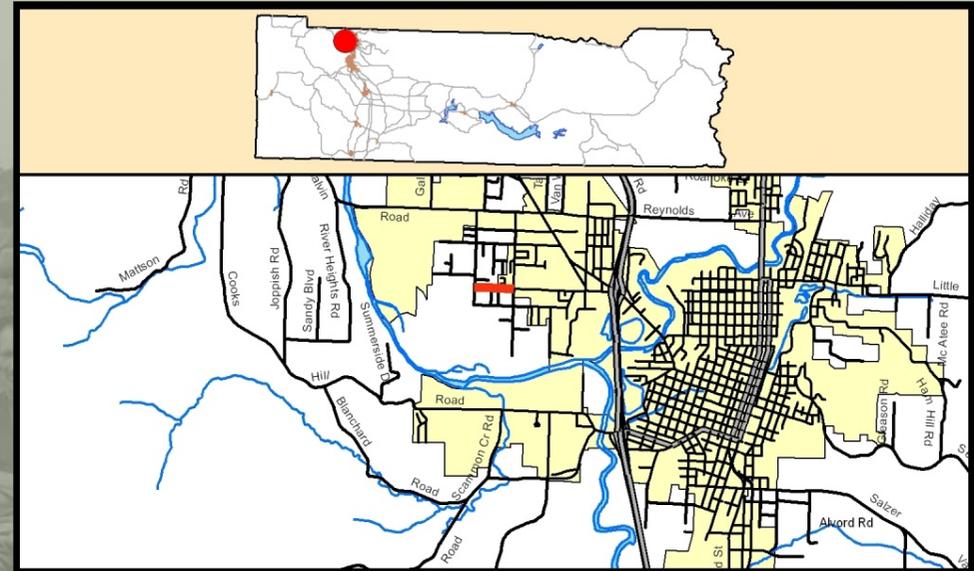
Local: \$135,000

STP(US): \$865,000

Total Funding: \$1,000,000



PRIORITY NO. 18: BORST AVENUE SAFETY IMPROVEMENTS



Road Number: 91023

TIP Ranking:

Priority Array Score:

Beginning Milepost: 0.00

Ending Milepost: .30

Total Mileage: .30

Project Timeline:

PE: 2020

ROW:

CONS:

Existing Conditions:

Proposed Conditions:

Lane Widths: 11

Lane Widths: 12

Shoulder Widths: 2

Shoulder Widths: 8 (1 side)

Traffic Count: 2,014

5.5 Sidewalk

3 year accident History:

Property: 1

Injuries: 1

Fatalities: 0

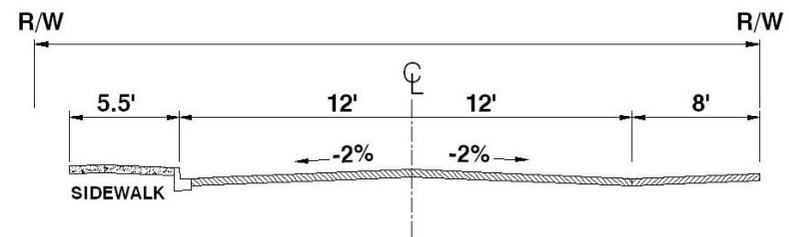
Basis for Project: Safety improvements including: a sidewalk, a parking strip, road reconstruction, and other related work.

Funding:

Local: \$20,250

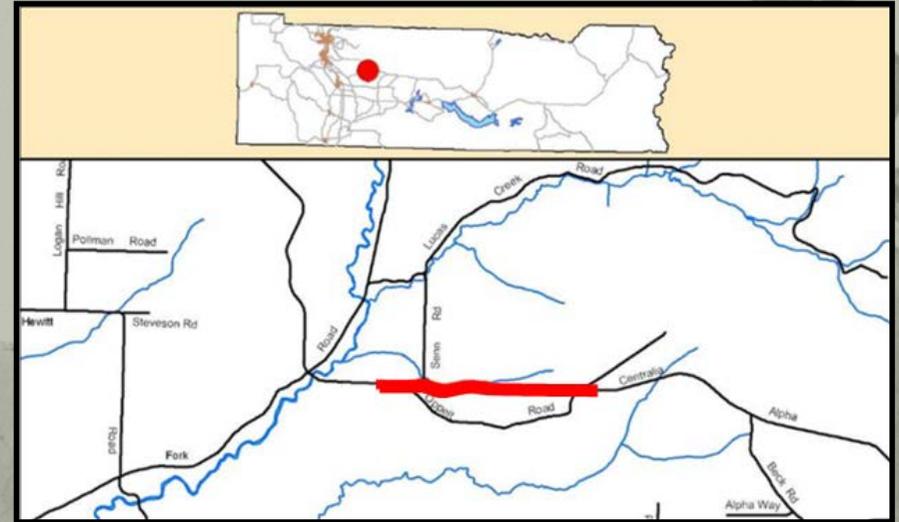
STP(US): \$129,750

Total Funding: \$150,000



ROADWAY SECTION

PRIORITY NO. 19: CENTRALIA ALPHA ROAD IMPROVEMENTS



Road Number: 94001

TIP Ranking:

Priority Array Score:

Beginning Milepost: 10.60

Ending Milepost: 11.85

Total Mileage: 1.25

Project Timeline:

PE: 2017-2019

ROW: 2017-2019

CONS: 2020

Existing Conditions:

Proposed Conditions:

Lane Widths: 11

Lane Widths: 12

Shoulder Widths: 2

Shoulder Widths: 3

Traffic Count: 517

3 year accident History:

Property: 0

Injuries: 1

Fatalities: 1

Basis for Project: Slope stabilization, intersection improvements, roadway widening, resurfacing with hot mix asphalt, guardrail, and other related work.

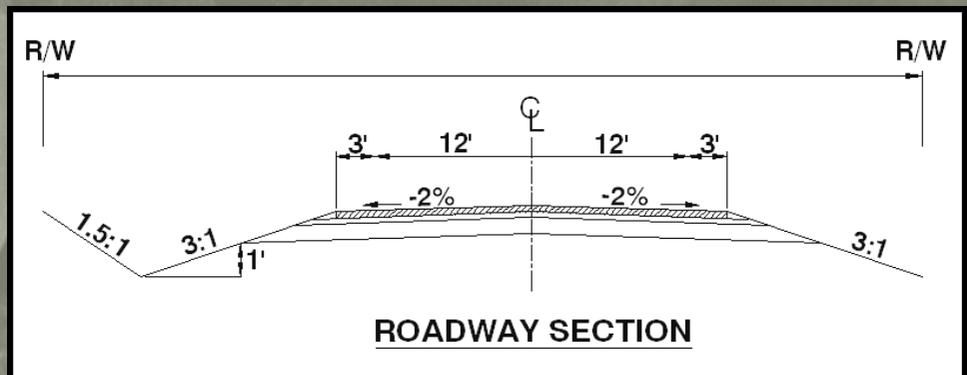
Funding:

Local: \$1,046,111 (6 yr.)/\$10,000 - 2017

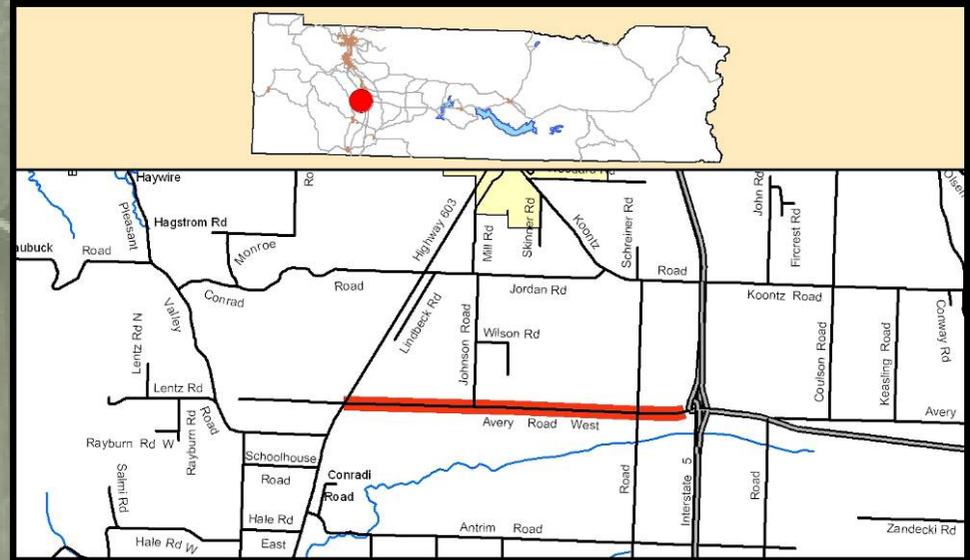
STP(R): \$1,633,889 (6 yr.)

RAP: \$2,000,000 (6 yr.)

Total Funding: \$4,680,000



PRIORITY NO. 20: AVERY ROAD WEST IMPROVEMENTS



Road Number: 30081
TIP Ranking:

Priority Array Score:
Beginning Milepost: .09
Ending Milepost: .270
Total Mileage: 2.61

Project Timeline:
 PE: 2019-2020
 ROW: 2019-2020
 CONS: 2020

Existing Conditions:

Proposed Conditions:

Lane Widths: 12
Shoulder Widths: 2
Traffic Count: 1856
3 year accident History:

Lane Widths: 12
Shoulder Widths: 4

Property: 9
Injuries: 1
Fatalities: 0

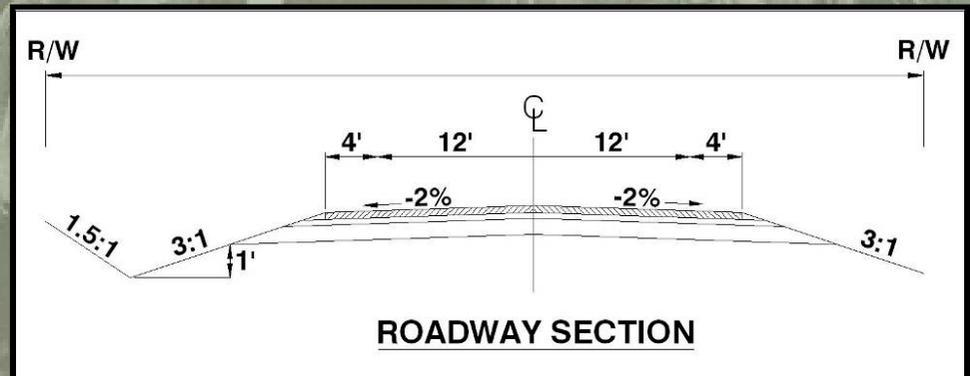
Basis for Project: Base Stabilization and road widening for anticipated industrial commercial traffic, and other related work.

Funding:

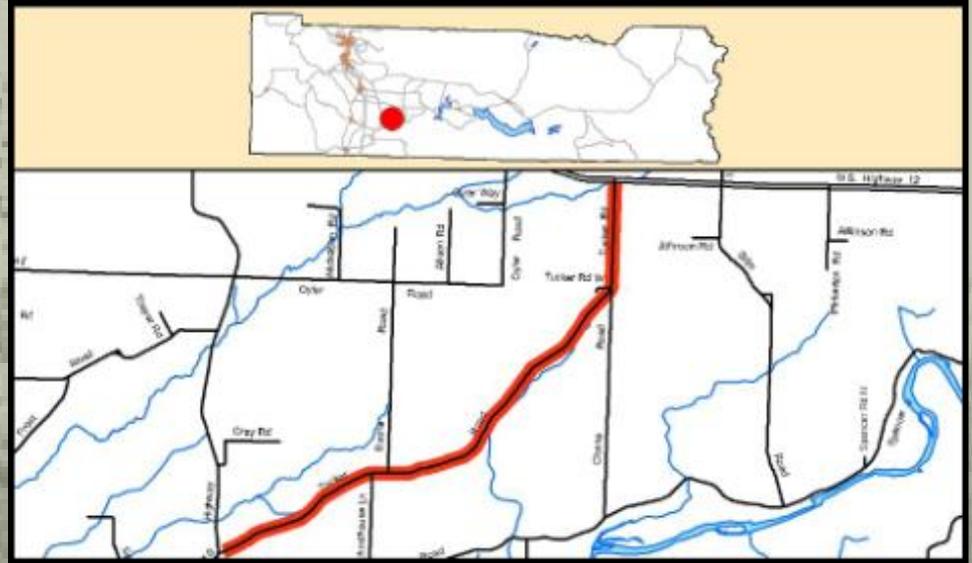
Local: \$97,000

STP(R): \$618,000

Total Funding: \$715,000



PRIORITY NO. 21: TUCKER ROAD WIDENING



Road Number: 95003

TIP Ranking:

Priority Array Score:

Beginning Milepost: 0.00

Ending Milepost: 5.50

Total Mileage: 5.50

Project Timeline:

PE: 2019-2020

ROW: 2019-2020

CONS: 2020

Existing Conditions:

Proposed Conditions:

Lane Widths: 12

Lane Widths: 12

Shoulder Widths: 1

Shoulder Widths: 2

Traffic Count: 1076

3 year accident History:

Property: 4

Injuries: 0

Fatalities: 1

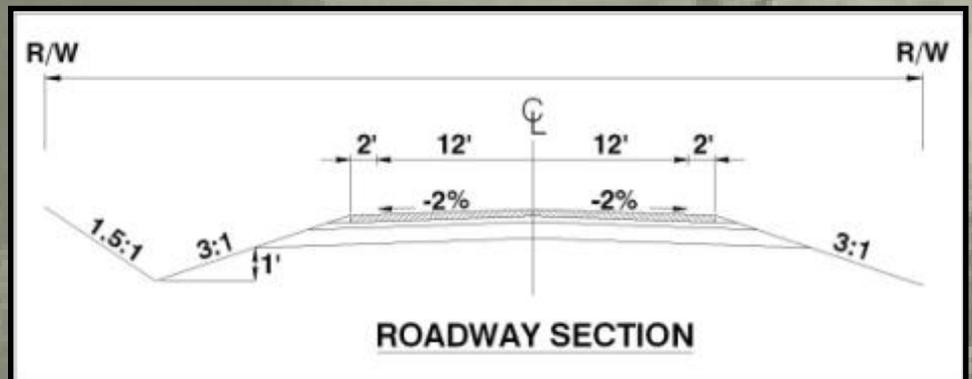
Basis for Project: Road widening, base stabilization, ditches, storm water, HMA, and other related work.

Funding:

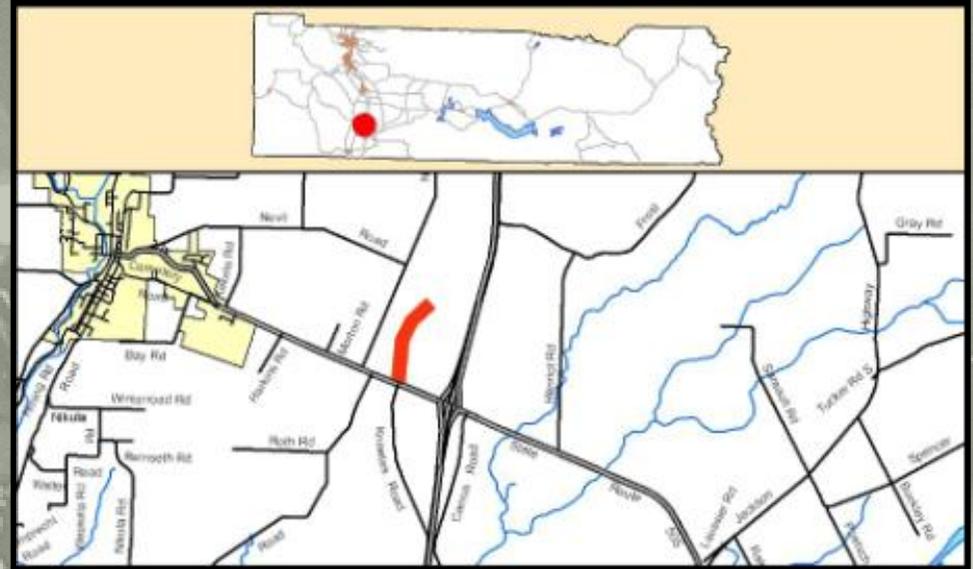
Local: \$285,000

RAP: \$2,565,000

Total Funding: \$2,850,000



PRIORITY NO. 22: MICKELSEN PARKWAY



Road Number:
TIP Ranking:

Priority Array Score:
Beginning Milepost: 0.00
Ending Milepost: .70
Total Mileage: .70

Project Timeline:
PE: 2017-2020
ROW: 2020
CONS: 2020-2021

Existing Conditions:

Proposed Conditions:

Lane Widths: 0
Shoulder Widths: 0
Traffic Count:
3 year accident History:

Lane Widths: 12
Shoulder Widths: 8

Property:
Injuries:
Fatalities:

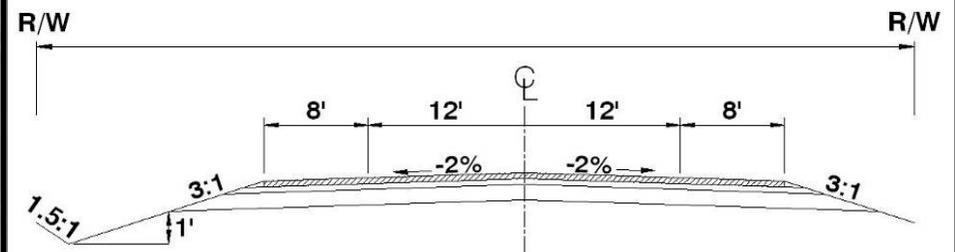
Basis for Project: Construct new road for industrial access, and other related work.

Funding:

Local: \$10,000 (6 yr.)/\$10,000 - 2017

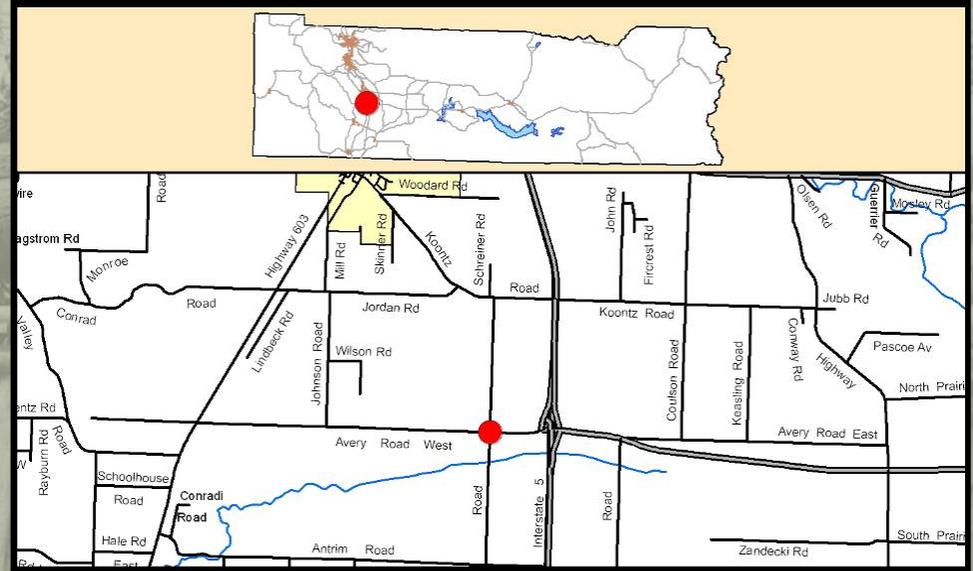
Other Local: \$3,490,000

Total Funding: \$3,500,000



ROADWAY SECTION

PRIORITY NO. 23: AVERY ROAD/N MILITARY INTERSECTION



Road Number: 30081
TIP Ranking:

Priority Array Score:
Beginning Milepost: .43
Ending Milepost: .47
Total Mileage: .04

Project Timeline:
 PE: 2020
 ROW:
 CONS: 2021

Existing Conditions:

Proposed Conditions:

Lane Widths:
Shoulder Widths:
Traffic Count: 3980/1069
3 year accident History:
Property: 1
Injuries: 1
Fatalities: 0

Lane Widths:
Shoulder Widths

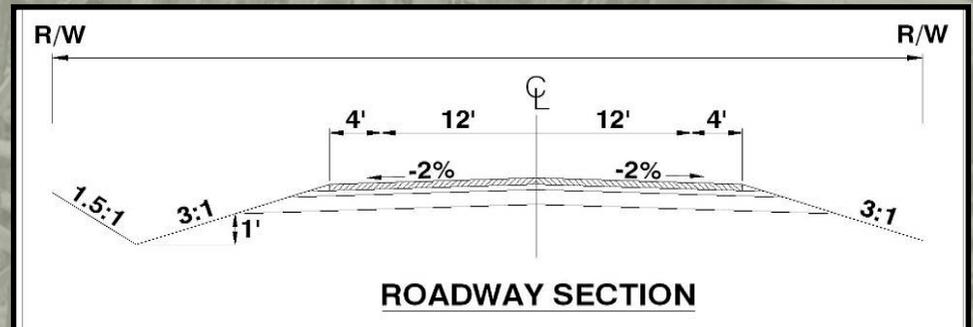
Basis for Project: Signalization and other related work.

Funding:

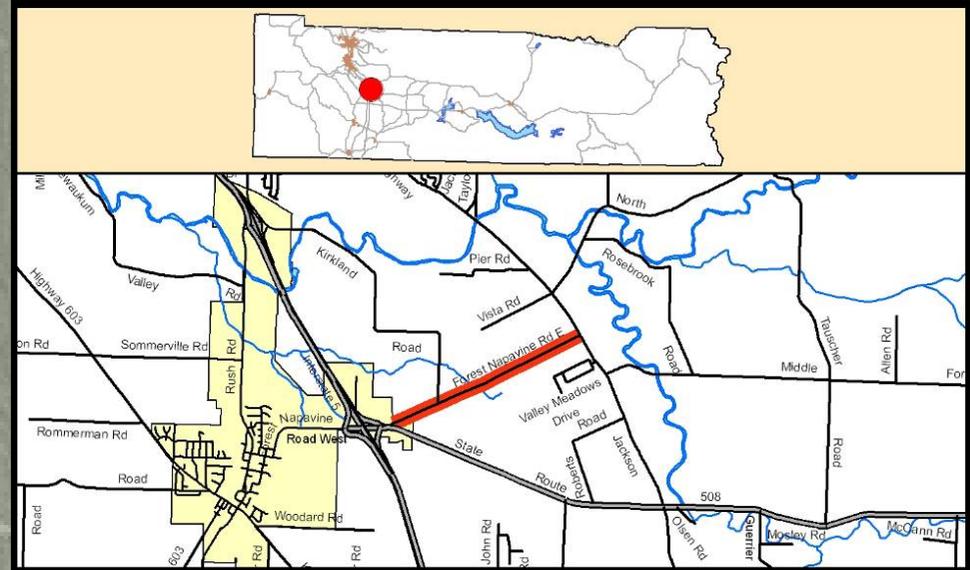
Local: \$50,000

Other-Local: \$20,000

Total Funding: \$70,000



PRIORITY NO. 24: FOREST NAPAVINE ROAD EAST IMPROVEMENTS



Road Number: 40015

TIP Ranking:

Priority Array Score:

Beginning Milepost: 0.00

Ending Milepost: 1.57

Total Mileage: 1.57

Project Timeline:

PE: 2019-2021

ROW: 2019-2021

CONS: 2021

Existing Conditions:

Proposed Conditions:

Lane Widths: 11

Lane Widths: 11

Shoulder Widths:

Shoulder Widths: 4

Traffic Count: 2022

3 year accident history:

Property: 5

Injuries: 0

Fatalities: 0

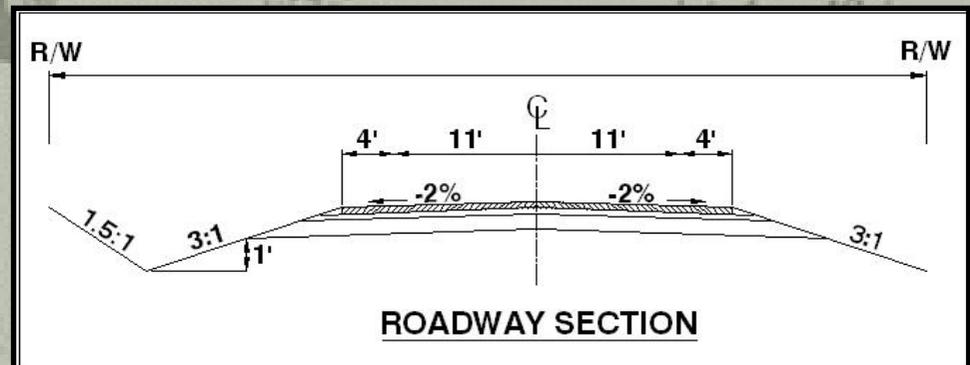
Basis for Project: Minor widening, base stabilization, guardrail, intersection improvements, HMA, and other related work.

Funding:

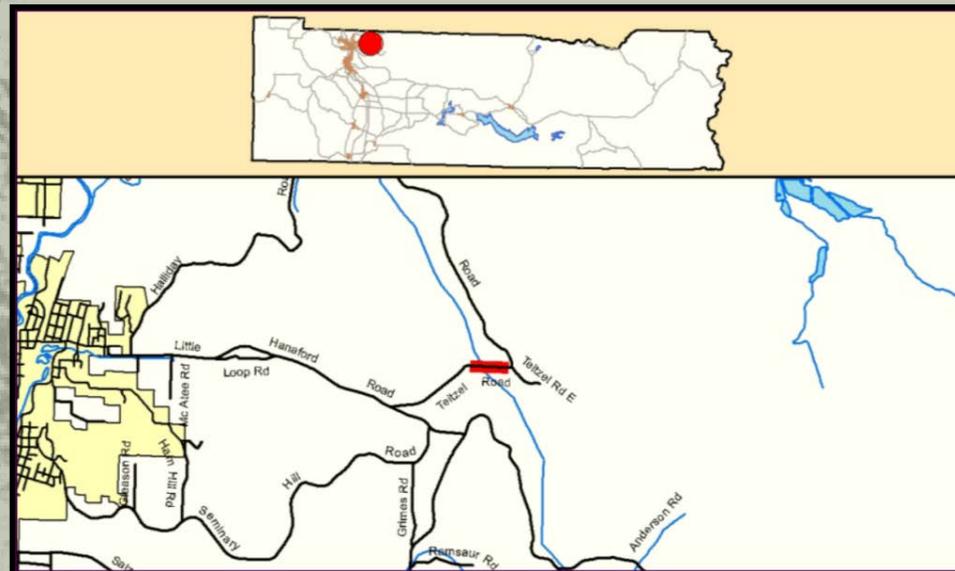
Local: \$10,000

Other-Local: \$4,132,000

Total Funding: \$4,142,000



PRIORITY NO. 25: TEITZEL ROAD BRIDGE APPROACH REPAIR



Road Number: 17381
TIP Ranking:

Priority Array Score:
Beginning Milepost: 0.70
Ending Milepost: 0.99
Total Mileage: 0.29

Existing Conditions:

Lane Widths: 12
Shoulder Widths: 0
Traffic Count: 151
3 year accident History:

Property: 0
Injuries: 0
Fatalities: 0

Basis for Project: Reconstruct bridge approaches and other related work.

Project Timeline:
 PE: 2021
 ROW:
 CONS: 2021

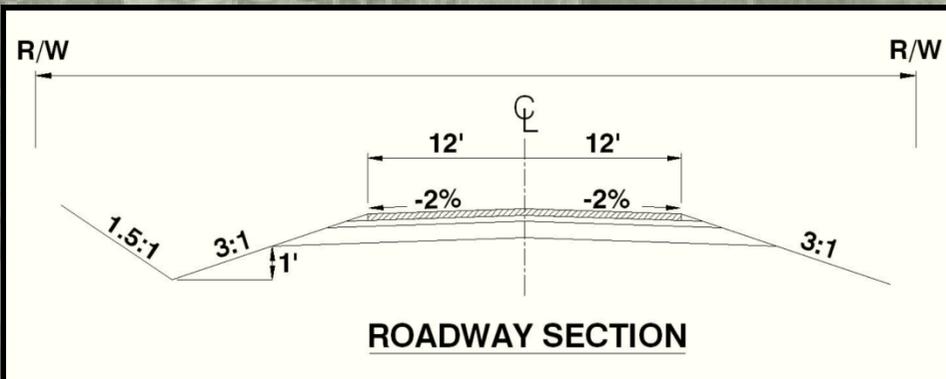
Proposed Conditions:

Lane Widths: 12
Shoulder Widths: 0

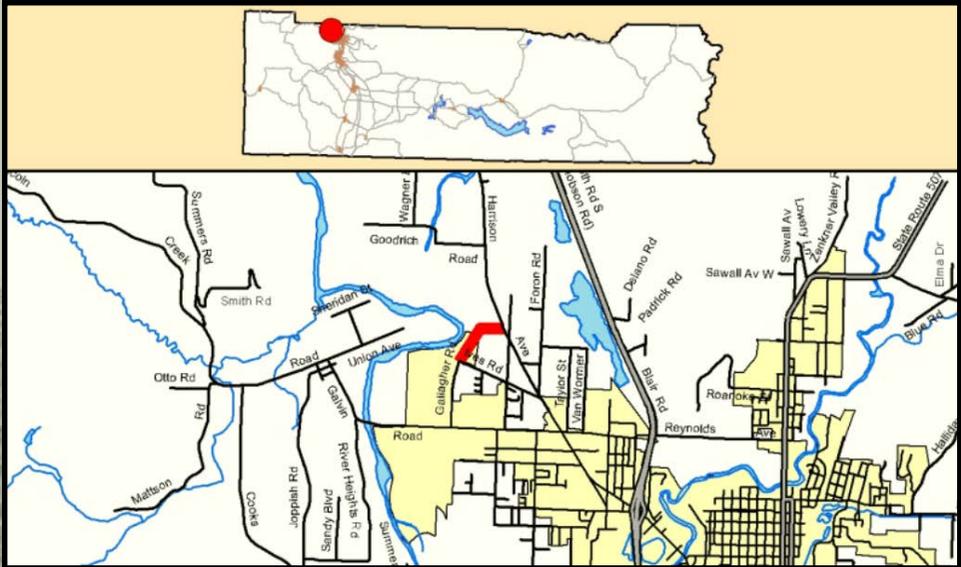
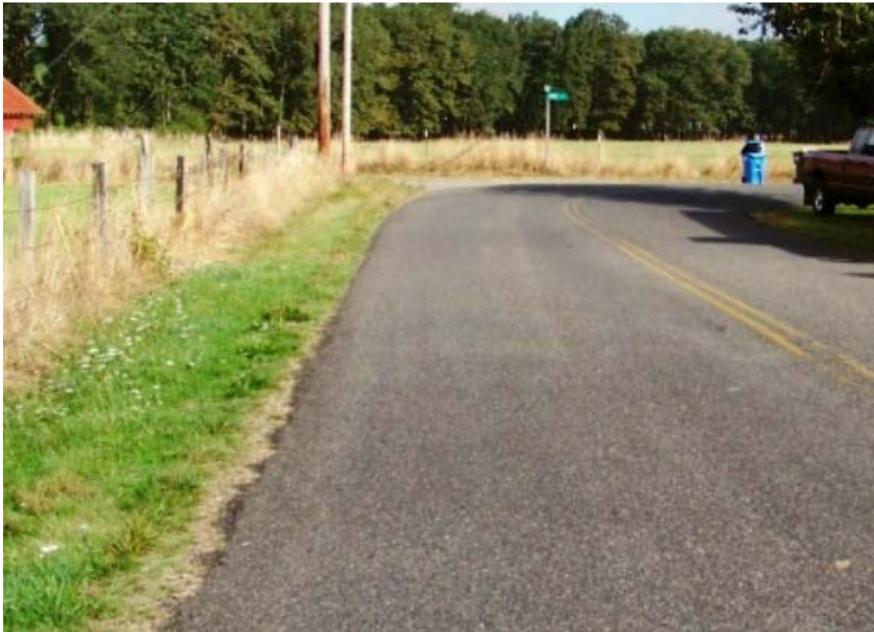
Funding:

Local: \$200,000

Total Funding: \$200,000



PRIORITY NO. 26: GALLAGHER ROAD EXTENSION



Road Number: 11004
TIP Ranking:

Priority Array Score: **Project Timeline:**
Beginning Milepost: 0.00 PE: 2021
Ending Milepost: 0.97 ROW: 2021
Total Mileage: 0.97 CONS: 2021

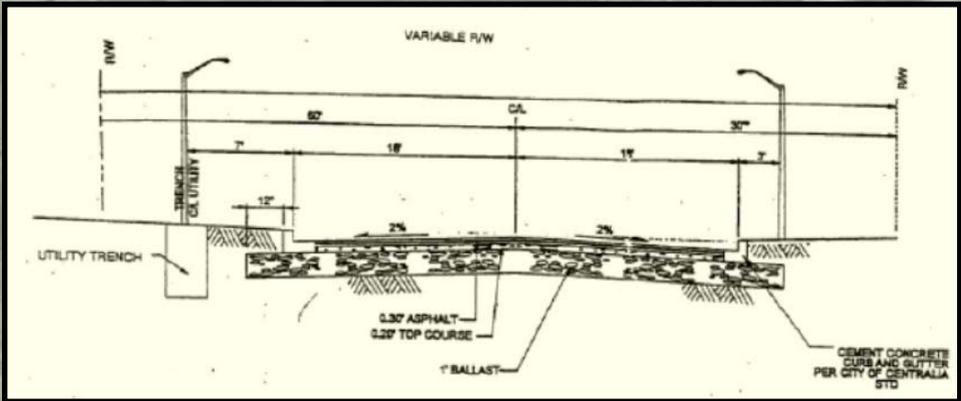
Existing Conditions: **Proposed Conditions:**

Lane Widths: 0 **Lane Widths: 18**
Shoulder Widths: 0 **Shoulder Widths 0**
Traffic Count: N/A **Curb Gutter & Sidewalk**
3 year accident History:

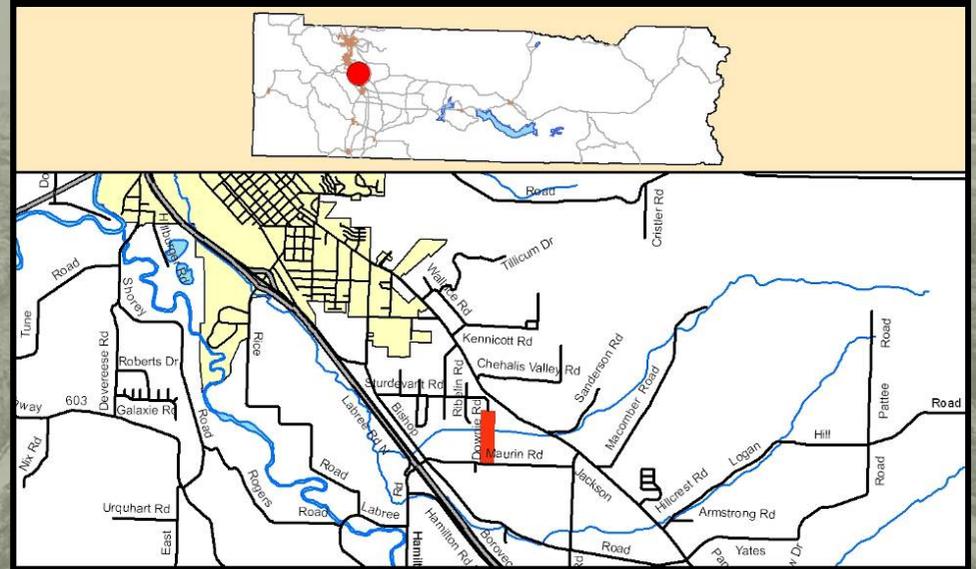
Property: 1
Injuries: 0
Fatalities: 0

Basis for Project: Construct new urban roadway to Harrison Ave., curb, gutter, sidewalks, illumination, and other related work.

Funding:
Other Fed/State: \$1,100,000
Total Funding: \$1,100,000



PRIORITY NO. 27: DOWNIE ROAD EXTENSION



Road Number: 40150

TIP Ranking:

Priority Array Score:

Beginning Milepost: 0.00

Ending Milepost: -

Total Mileage: 0.38

Project Timeline:

PE: 2021

ROW: 2021

CONS: 2021

Funding:

Other Fed/State: \$1,200,000

Total Funding: \$1,200,000

Existing Conditions:

Proposed Conditions:

Lane Widths: 0

Lane Widths: 11

Shoulder Widths: 0

Shoulder Widths: 6

Traffic Count:

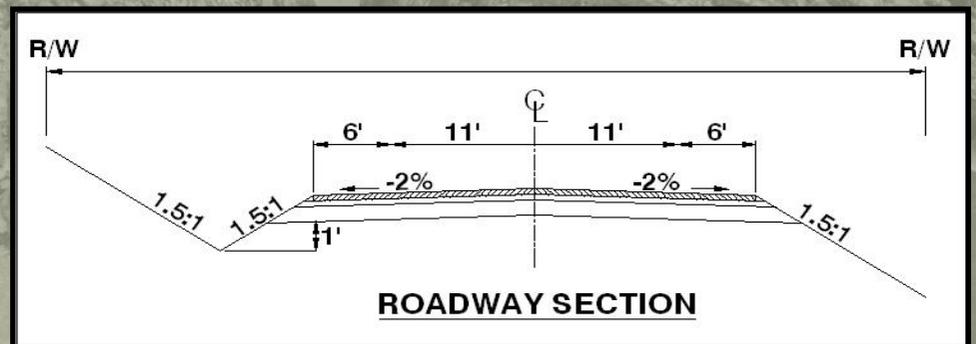
3 year accident History:

Property: 0

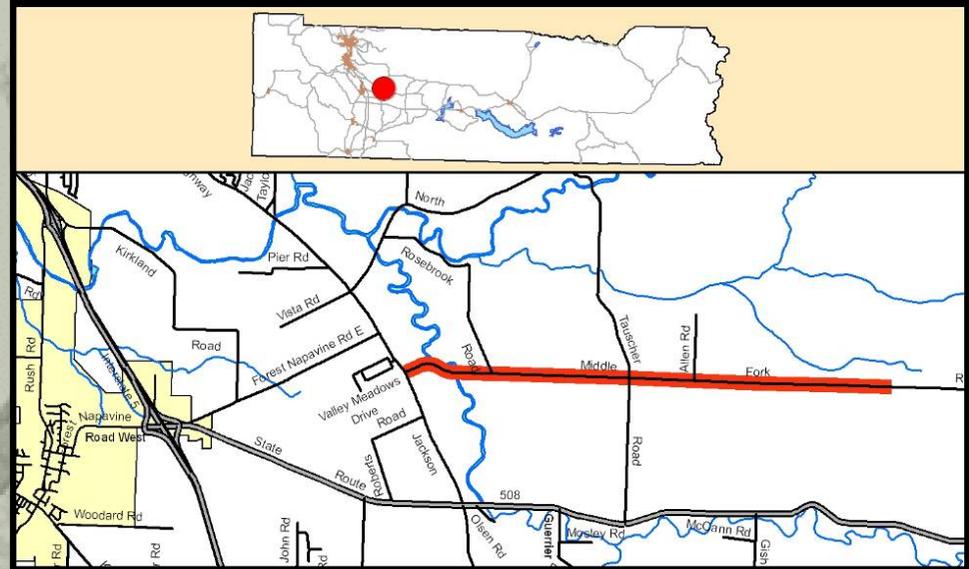
Injuries: 0

Fatalities: 0

Basis for Project: Construct new urban road to Maurin Rd., base stabilization, HMA, and other related work.



PRIORITY NO. 28: MIDDLE FORK ROAD IMPROVEMENTS



Road Number: 45011

TIP Ranking:

Priority Array Score:

Beginning Milepost: 0.00

Ending Milepost: 3.74

Total Mileage: 3.74

Project Timeline:

PE: 2020-2022

ROW: 2021

CONS: 2021-2022

Existing Conditions:

Proposed Conditions:

Lane Widths: 11

Lane Widths: 11

Shoulder Widths: 1

Shoulder Widths: 4

Traffic Count: 997

3 year accident History:

Property: 4

Injuries: 3

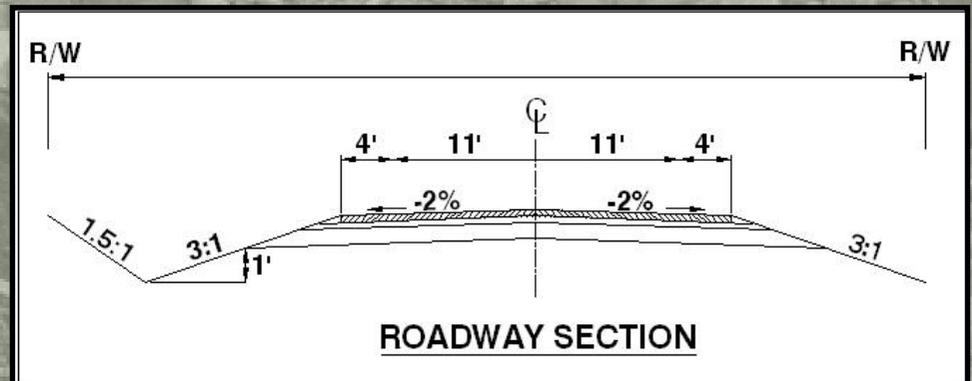
Fatalities: 0

Basis for Project: Widening, base stabilization, guardrail, intersection improvements, HMA, and other related work.

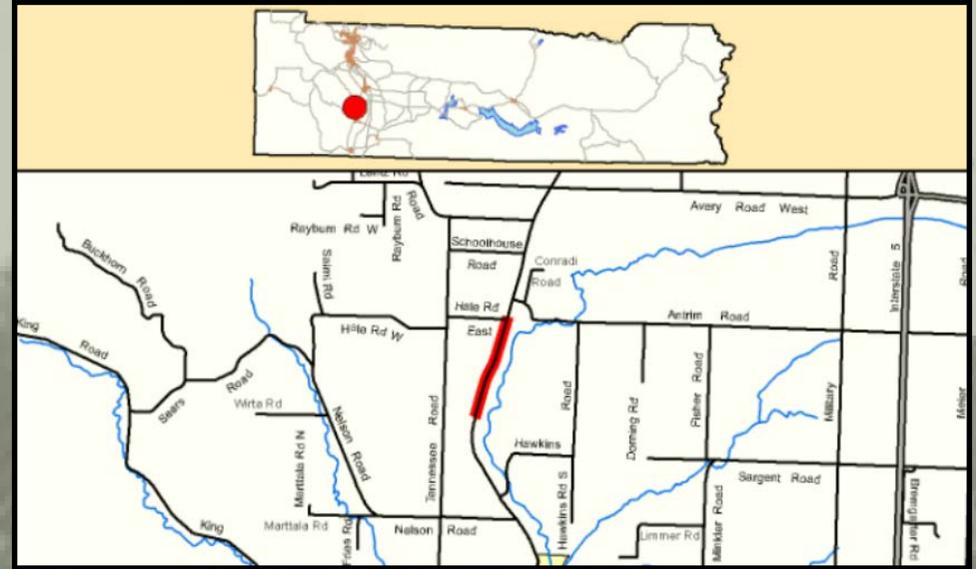
Funding:

Other-Local: \$15,730,000

Total Funding: \$15,730,000



PRIORITY NO. 29: HWY 603 (4) REHABILITATION



Road Number: 93006

TIP Ranking:

Priority Array Score:

Beginning Milepost: 10.90

Ending Milepost: 11.70

Total Mileage: .80

Project Timeline:

PE: 2021-2022

ROW: 2021-2022

CONS: 2022

Existing Conditions:

Proposed Conditions:

Lane Widths: 13

Lane Widths: 11

Shoulder Widths: 1

Shoulder Widths: 6

Traffic Count: 1896

3 year accident History:

Property: 3

Injuries: 1

Fatalities: 0

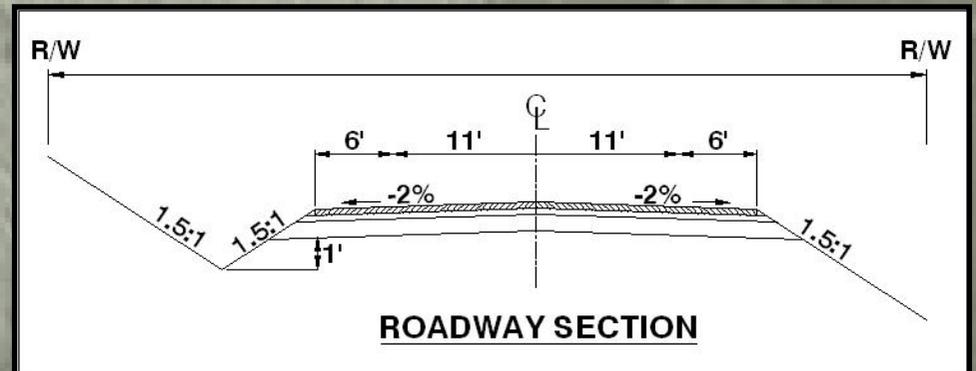
Basis for Project: Improve horizontal alignment, widen and reconstruct roadway base, overlay with HMA, and other related work.

Funding:

Local: \$111,000

RAP: \$1,000,000

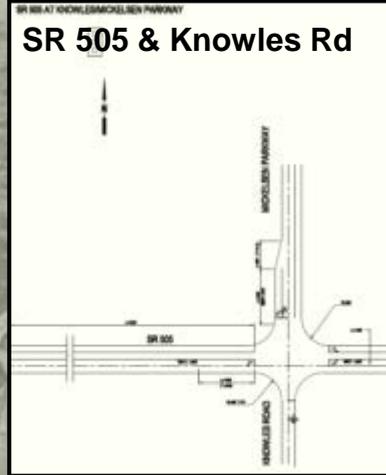
Total Funding: \$1,111,000



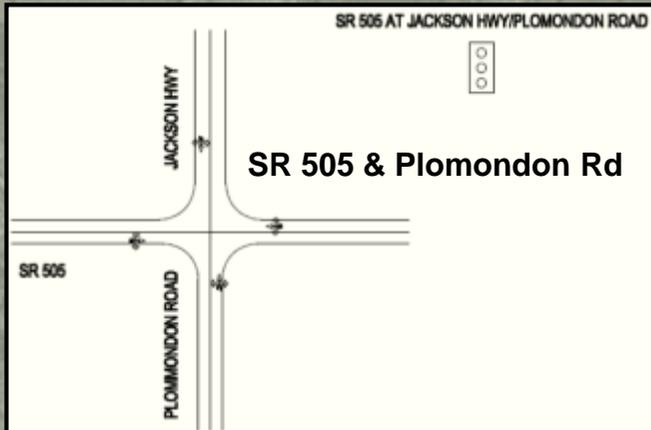
PRIORITY NO. 30: SR 505 CORRIDOR IMPROVEMENTS

SR 505 Corridor Improvements in order of priority:

- Truck Climbing Lane, PE \$448,000, CN \$1,791,000
- Knowles Rd – Intersection Improvements, PE \$58,000
- Plomondon Rd – Intersection Improvements, PE \$58,000
- N Military Rd – Intersection Improvements, PE \$274,000, ROW \$33,000
- S Military Rd – Intersection Improvements, PE \$184,000, ROW \$42,000

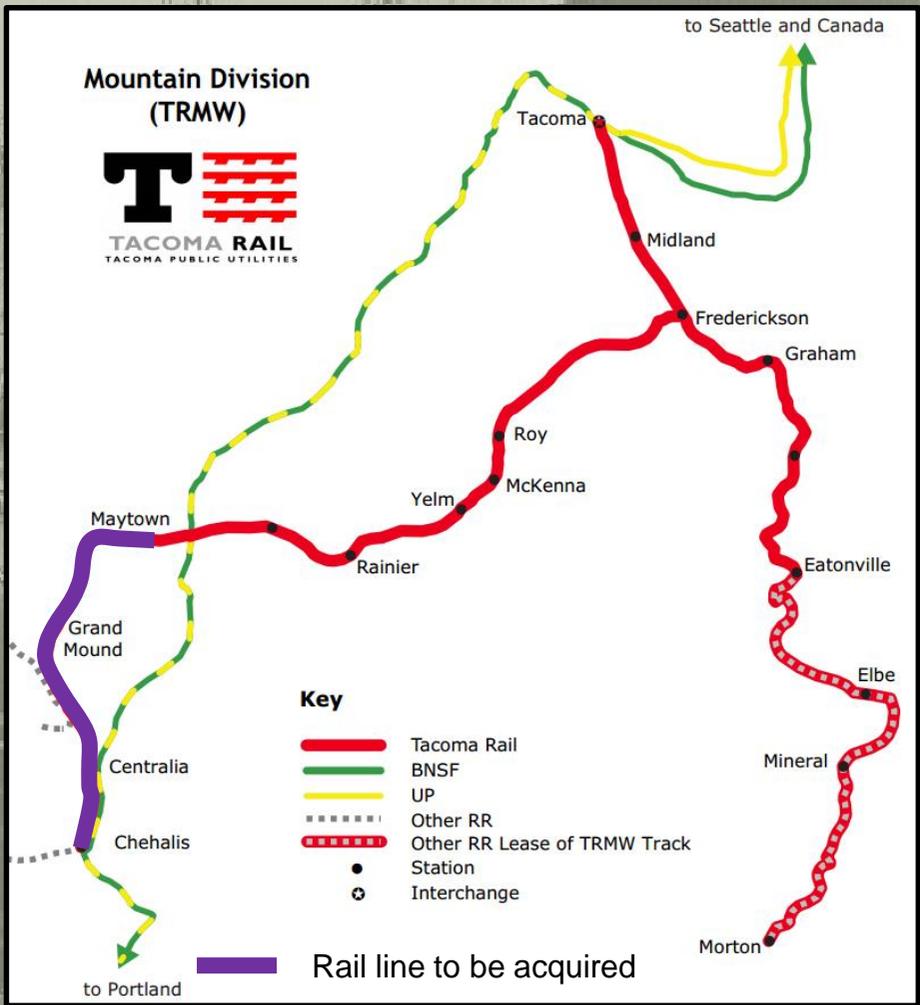
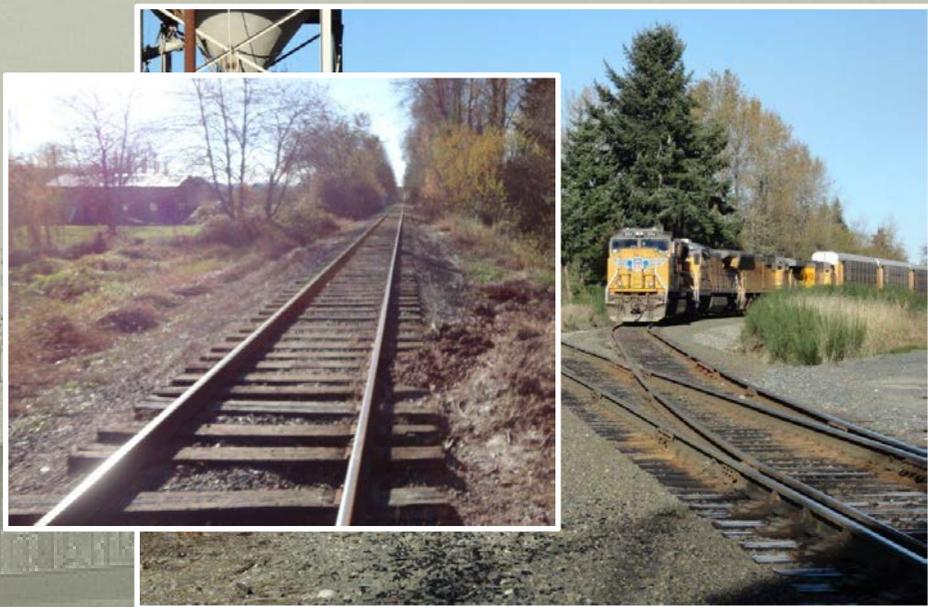


Funding:
Other Fed/State: \$1,444,000
Other-Local: \$722,000
Local: \$722,000
Total Funding: \$2,888,000



Basis for Project: Corridor improvements including: truck climbing lane, intersection improvements, traffic signals, and other related work.

PRIORITY NO. 31: RAILROAD LINE ACQUISITION



Road Number:

TIP Ranking:

Priority Array Score:

Beginning Milepost: Chehalis

Ending Milepost: Maytown

Total Mileage:

Existing Conditions:

Project Timeline:

PE:

ROW:

CONS:

Proposed Conditions:

Lane Widths:

Shoulder Widths:

Traffic Count:

3 year accident History:

Property:

Injuries:

Fatalities:

Lane Widths:

Shoulder Widths

Basis for Project: Acquisition of Tacoma Rail railroad line.

Funding:

Other Local: \$1,000,000

Other Federal: \$2,000,000

Total Funding: \$3,000,000



PRIORITY NO. 10: ROAD IMPROVEMENT DISTRICT NO. 9



RID No. 8 – Crego Ridge Rd



Road Number:

TIP Ranking:

Priority Array Score:

Beginning Milepost:

Ending Milepost:

Total Mileage:

Existing Conditions:

Lane Widths:

Shoulder Widths

Traffic Count:

3 year accident History:

Property:

Injuries:

Fatalities:

Basis for Project: Construction of Road Improvement District.
Initiated by property owners.

Project Timeline:

PE: 2014

RC: 2014

CCS: 2014

Proposed Conditions:

Lane Widths:

Shoulder Widths

Funding:

Local: \$30,000

Total Funding: \$30,000

PRIORITY NO. 11: COUNTY ROAD SAFETY PROGRAM



Road Number: Various (All Federal-Aid Routes)
TIP Ranking:

Priority Array Score:
Beginning Milepost:
Ending Milepost:
Total Mileage: 172.30

Project Timeline:
 PE: 2014
 ROW:
 CONS: 2014

Existing Conditions:

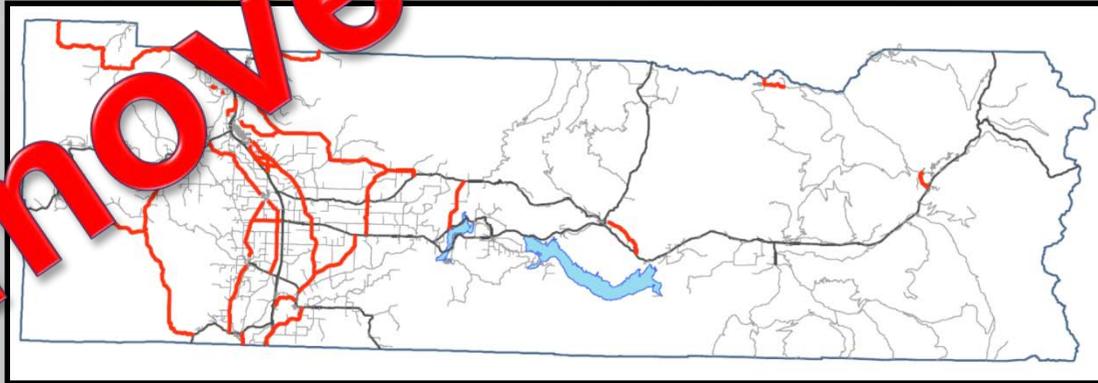
Proposed Conditions:

Lane Widths:
Shoulder Widths:
Traffic Count:
3 year accident History:

Lane Widths:
Shoulder Widths:

Property:
Injuries:
Fatalities:

Basis for Project: Flexible guideposts, traffic striping, raised/ recessed pavement markers, signing, improved sight distance, clear zone improvements, pedestrian crossings, guardrail, and other safety improvements.



Funding:

Local: \$0

STP(S): \$1,210,000

Total Funding: \$1,210,000

PRIORITY NO. 2: COUNTYWIDE PATHS & TRAILS



Countywide Paths & Trails 2014:

Toledo Area Paths and Trails – Preliminary Design/Construction

Mineral Sidewalks – Preliminary Design

Willapa Hills Trails – Mile Markers

Removed

Road Number: Various

TIP Ranking:

Priority Array Score:

Beginning Milepost:

Ending Milepost:

Total Mileage:

Project Timeline:

PE: 2014-2015

FEW: 2014-2015

CO: 2014-2020

Existing Conditions:

Proposed Conditions:

Lane Widths:

Lane Widths:

Shoulder Widths

Shoulder Widths

Traffic Count:

3 year accident History:

Property:

Injuries:

Fatalities:

Basis for Project: Yearly Program – Design, construction, and preservation of paths and trails at various locations.

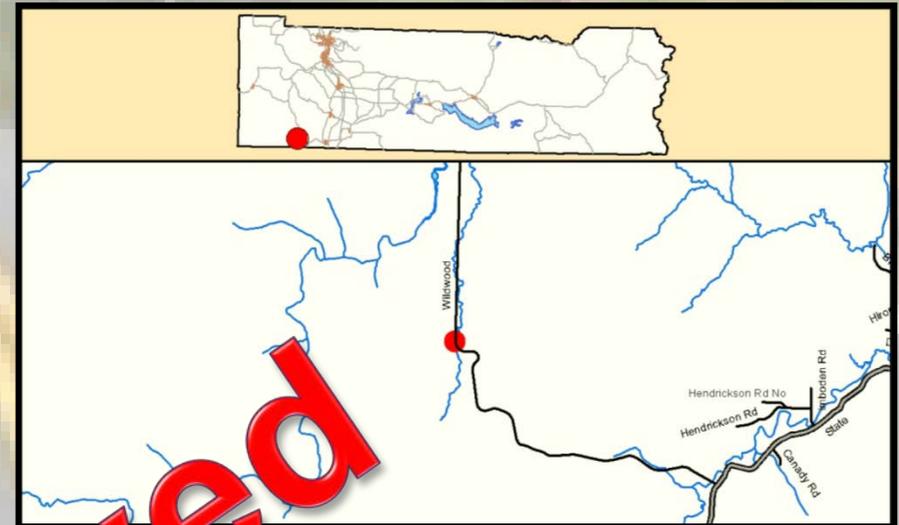
Funding:

Local: \$102,000 (6 yr.)/\$17,000 – 2014

Total Funding: \$102,000

COUNTYWIDE

PRIORITY NO. 39: WILDWOOD ROAD CULVERT REPLACEMENT



Road Number: 92004

TIP Ranking:

Priority Array Score:

Beginning Milepost: 2.99

Ending Milepost:

Total Mileage:

Existing Conditions:

Lane Widths:

Shoulder Widths:

Traffic Count: 160

3 year accident History:

Property: 0

Injuries: 0

Fatalities: 0

Basis for Project: Replacement of culvert

Project Timeline:

PE: 2018

ROW: 2018

CON: 2018

Proposed Conditions:

Lane Widths:

Shoulder Widths:

Funding:

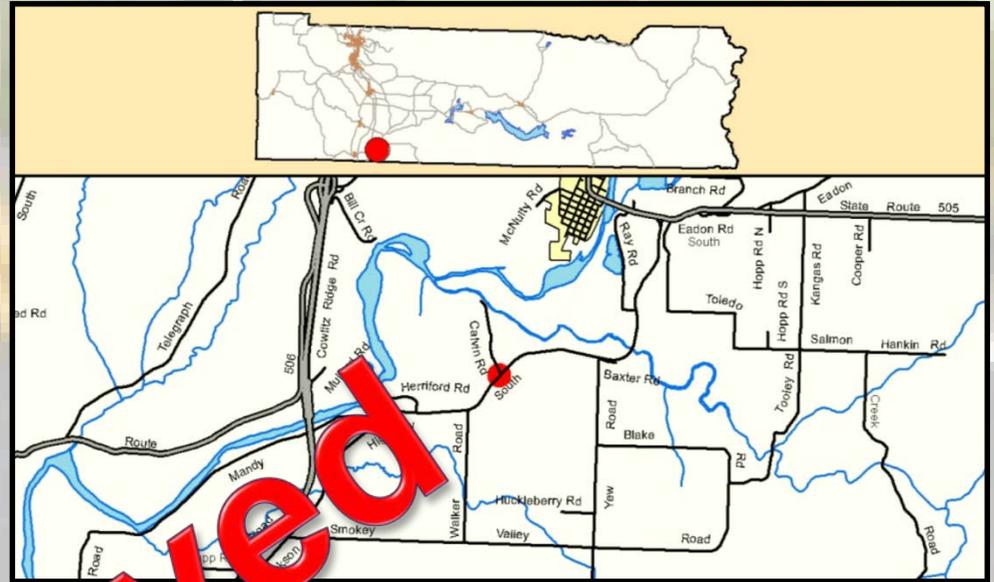
RAP: \$239,000

Local: \$26,000

Total Funding: \$265,000



PRIORITY NO. 40: JACKSON HWY S. CULVERT REPLACEMENT



Road Number: 95000

TIP Ranking:

Priority Array Score:

Beginning Milepost: 2.11

Ending Milepost:

Total Mileage:

Existing Conditions:

Lane Widths:

Shoulder Widths:

Traffic Count: 1215

3 year accident History:

Property: 0

Injuries: 0

Fatalities: 0

Basis for Project: Replacement of culvert

Project Timeline:

PE: 2017

ROW: 2018

CONSTRUCTION: 2019

Proposed Conditions:

Lane Widths:

Shoulder Widths:



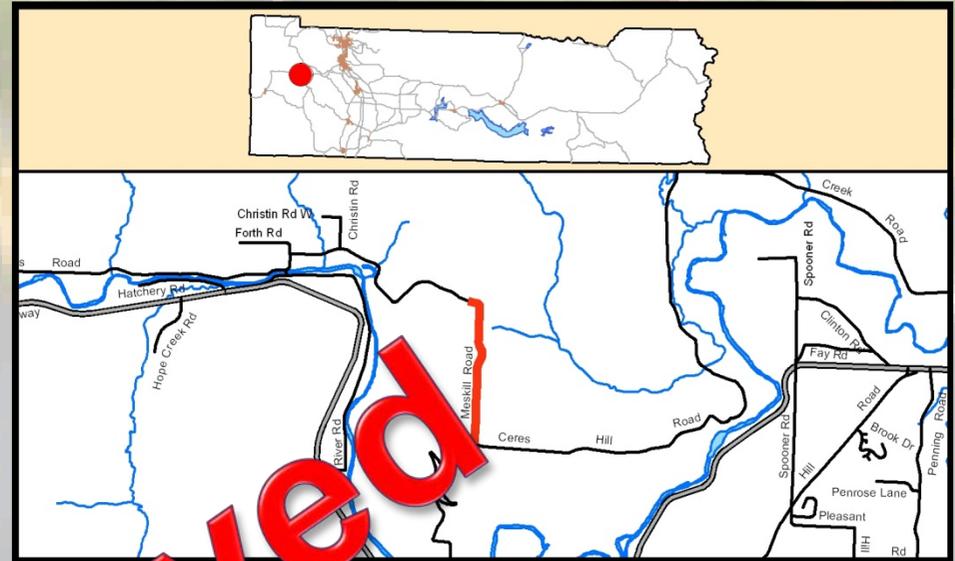
Funding:

RAP: \$239,000

Local: \$26,000

Total Funding: \$265,000

PRIORITY NO. 13: MESKILL ROAD IMPROVEMENTS



Removed

Road Number: 27820

TIP Ranking:

Priority Array Score:

Beginning Milepost: 0.00

Ending Milepost: 1.17

Total Mileage: 1.17

Project Timeline:

PE: 2014

ROY

CCS: 2014

Existing Conditions:

Proposed Conditions:

Lane Widths: 11

Lane Widths: 11

Shoulder Widths: 2

Shoulder Widths: 2

Traffic Count: 150

3 year accident History:

Property: 0

Injuries: 1

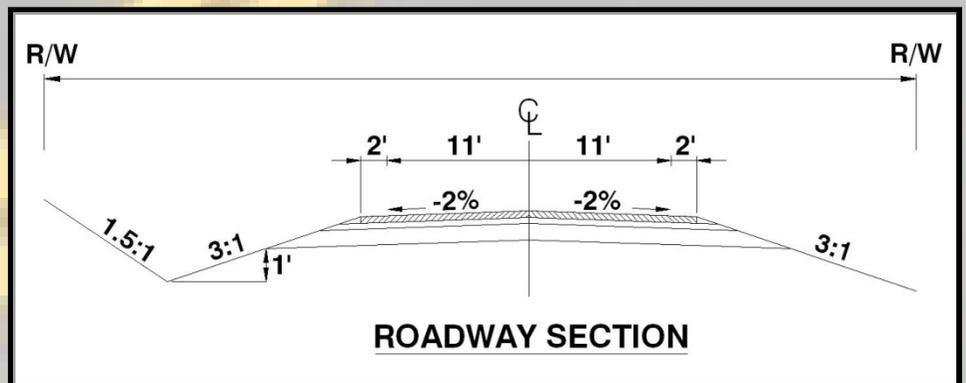
Fatalities: 0

Basis for Project: Improve by grading, BST, horizontal and vertical alignments will be improved, and add safety improvements.

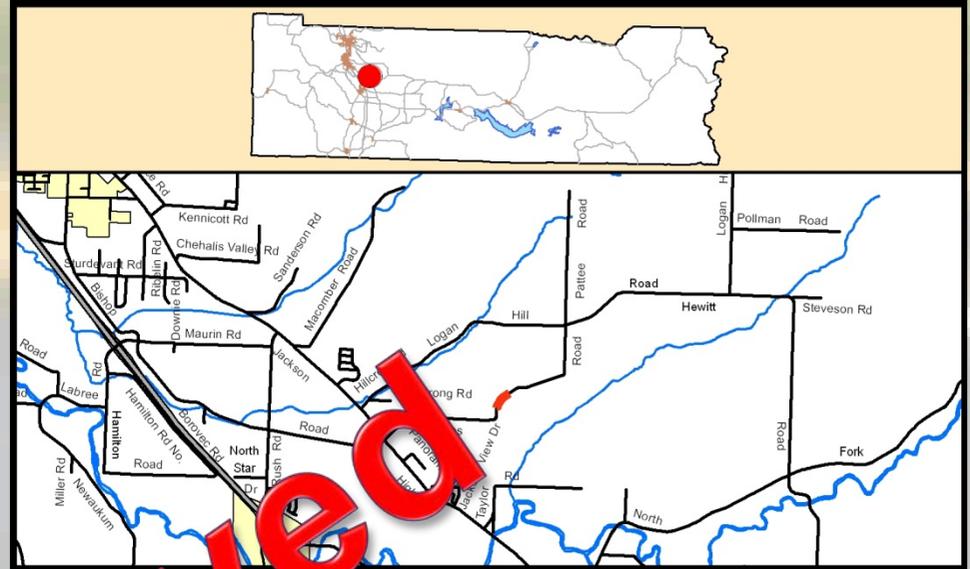
Funding:

Local: \$140,000

Total Funding: \$140,000



PRIORITY NO. 14: YATES ROAD IMPROVEMENTS



Road Number: 40029

TIP Ranking:

Priority Array Score:

Beginning Milepost: 1.13

Ending Milepost: 1.33

Total Mileage: .20

Existing Conditions:

Lane Widths: 11

Shoulder Widths: 2

Traffic Count: 271

3 year accident History:

Property: 0

Injuries: 0

Fatalities: 0

Basis for Project: Improve by grading, HMA, horizontal alignment will be improved, and add safety improvements.

Project Timeline:

PE: 2014

ROW: 2014

CO: 2014

Proposed Conditions:

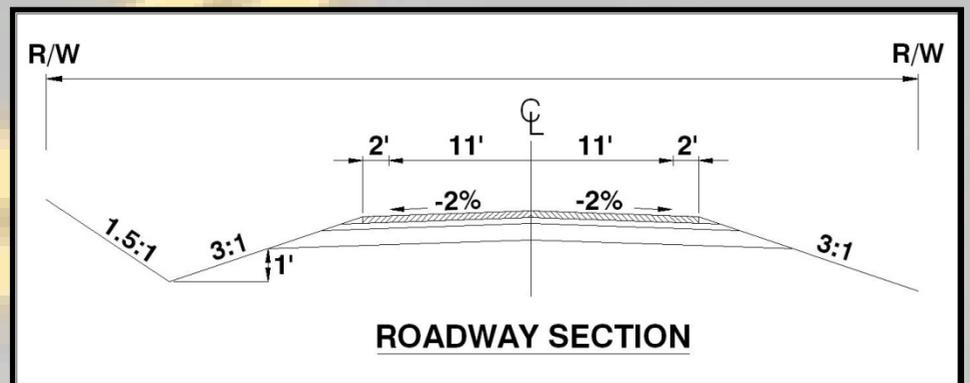
Lane Widths: 11

Shoulder Widths: 2

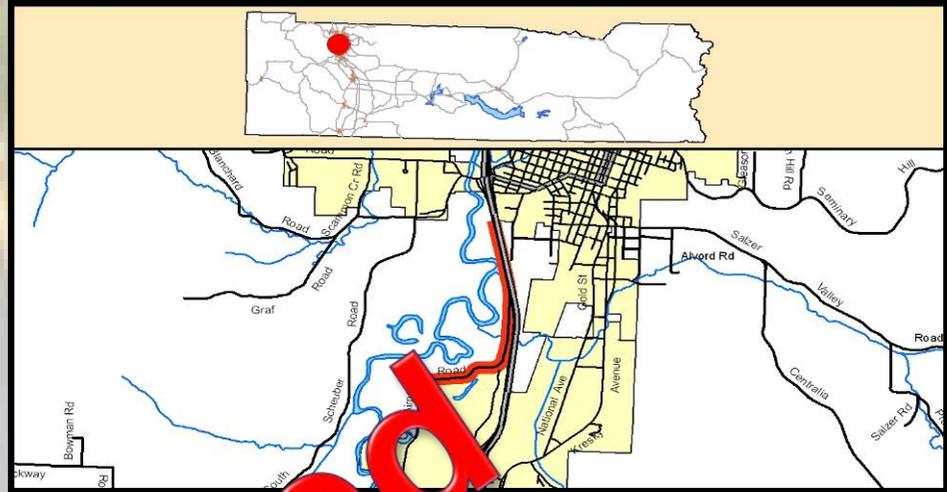
Funding:

Local: \$100,000

Total Funding: \$100,000



PRIORITY NO. 16: AIRPORT ROAD RECONSTRUCTION



Removed

Road Number: 91026

TIP Ranking:

Priority Array Score:

Beginning Milepost: 0.00

Ending Milepost: 2.39

Total Mileage: 2.39

Project Timeline:

PE: 2014

ROW: 2013

CON: 2012-2013

Existing Conditions:

Proposed Conditions:

Lane Widths: 10

Lane Widths: 11

Shoulder Widths: 1

Shoulder Width: 4

Traffic Count: 979

Separated Pedestrian/Bike Path: 10

3 year accident History:

Property: 1

Injuries: 2

Fatalities: 0

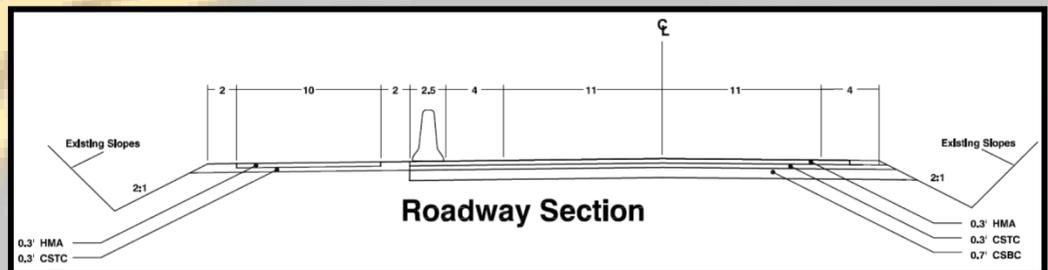
Basis for Project: Improve arterial connection for corridor expansion.

Funding:

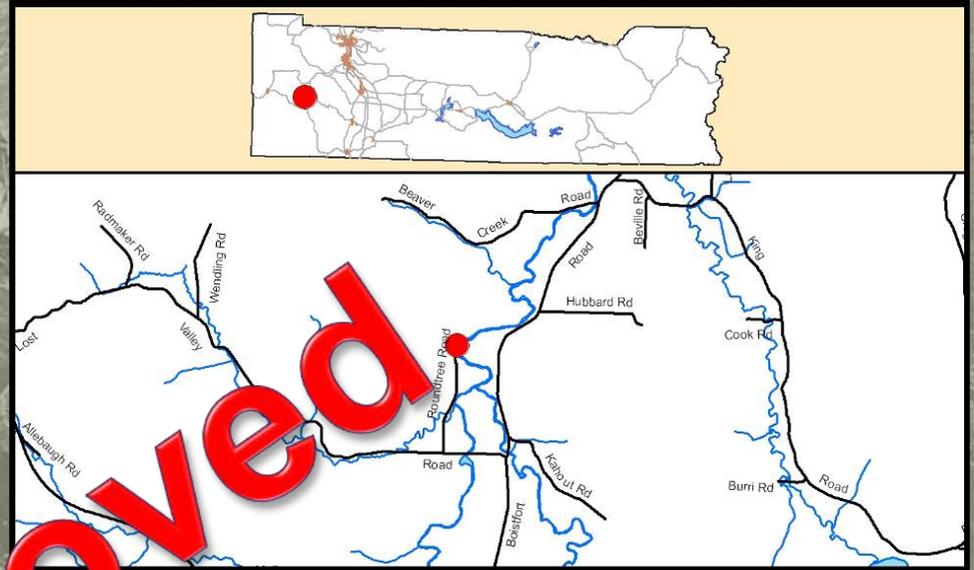
Local: \$935,000

TIA: \$3,000,000

Total Funding: \$3,935,000



PRIORITY NO. 9: ROUNDTREE ROAD SLIDE REPAIR



Road Number: 25470

TIP Ranking:

Priority Array Score:

Beginning Milepost: .837

Ending Milepost: .841

Total Mileage: .004

Project Name:
 PR 201
 ROW
 CONS 0016

Funding:

Local: \$360,000

Total Funding: \$360,000

Existing Conditions:

Proposed Conditions:

Lane Widths: 11

Lane Widths: 11

Shoulder Widths: 2

Shoulder Widths: 2

Traffic Count: 12

3 year accident History:

Property: 0

Injuries: 0

Fatalities: 0

Basis for Project: Slide stabilization and other related work.

